

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114597.D
 Acq On : 25 May 2019 4:26
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Manual Integrations
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mohammad
 5/27/2019 3:52:48 AM

Quant Time: May 27 03:44:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	110303	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	451683	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	222857	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	456472	20.00	ng	0.00
76) Chrysene-d12	13.98	240	311863	20.00	ng	0.00
87) Perylene-d12	15.44	264	312277	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	553329	80.73	ng	0.00
7) Phenol-d6	6.46	99	691449	85.29	ng	0.00
23) Nitrobenzene-d5	7.38	82	650606	80.84	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	164491	71.39	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1183962	80.36	ng	0.00
79) Terphenyl-d14	12.92	244	1347108	89.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	124892	33.150	ng	98
3) Pyridine	3.25	79	351667	33.879	ng	98
4) n-Nitrosodimethylamine	3.20	42	169681	33.898	ng	99
6) Aniline	6.47	93	479478	40.945	ng	# 57
8) 2-Chlorophenol	6.60	128	313163	42.798	ng	97
9) Benzaldehyde	6.37	77	206757	36.431	ng	97
10) Phenol	6.47	94	402750	42.232	ng	# 62
11) bis(2-Chloroethyl)ether	6.55	93	301646	41.664	ng	98
12) 1,3-Dichlorobenzene	6.75	146	348051	42.374	ng	98
13) 1,4-Dichlorobenzene	6.83	146	350650	42.365	ng	98
14) 1,2-Dichlorobenzene	6.98	146	330408	43.695	ng	99
15) Benzyl Alcohol	6.96	79	252712	39.969	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	562852	40.095	ng	56
17) 2-Methylphenol	7.08	107	249603	41.525	ng	# 89
18) Hexachloroethane	7.32	117	128918	41.496	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	216816	42.195	ng	97
20) 3+4-Methylphenols	7.23	107	340002	48.958	ng	# 66
22) Acetophenone	7.22	105	429149	42.888	ng	# 88
24) Nitrobenzene	7.40	77	339152	41.373	ng	94
25) Isophorone	7.63	82	580273	38.875	ng	99
26) 2-Nitrophenol	7.72	139	156260	39.290	ng	98
27) 2,4-Dimethylphenol	7.76	122	247958	39.696	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	385880	39.843	ng	99
29) 2,4-Dichlorophenol	7.97	162	259085	41.654	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	290483	41.070	ng	97
31) Naphthalene	8.12	128	894981	42.419	ng	97
32) Benzoic acid	7.93	122	45201m	15.685	ng	
33) 4-Chloroaniline	8.17	127	413087	42.965	ng	99
34) Hexachlorobutadiene	8.23	225	167512	41.625	ng	98
35) Caprolactam	8.54	113	86497	42.648	ng	93
36) 4-Chloro-3-methylphenol	8.67	107	270833	43.258	ng	97
37) 2-Methylnaphthalene	8.81	142	597920	43.923	ng	95
38) 1-Methylnaphthalene	8.90	142	563472	43.954	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	278469	41.250	ng	98

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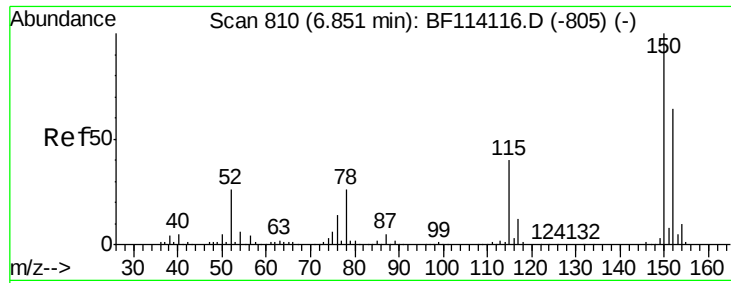
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	8536	6.891	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	171502	36.934	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	168346	35.352	nq	98
46) 1,1'-Biphenyl	9.27	154	738334	41.010	nq	97
47) 2-Chloronaphthalene	9.30	162	582338	40.191	nq	98
48) 2-Nitroaniline	9.40	65	207421	40.365	nq	98
49) Acenaphthylene	9.71	152	909533	41.272	nq	98
50) Dimethylphthalate	9.57	163	658494	40.251	nq	99
51) 2,6-Dinitrotoluene	9.64	165	145318	40.048	nq	93
52) Acenaphthene	9.88	154	541808	40.065	nq	98
53) 3-Nitroaniline	9.81	138	190055	42.194	nq	97
54) 2,4-Dinitrophenol	9.98	184	2410	7.955	nq	97
55) Dibenzofuran	10.06	168	781385	39.405	nq	97
56) 4-Nitrophenol	10.01	139	44801	14.064	nq	94
57) 2,4-Dinitrotoluene	10.05	165	183854	37.330	nq	# 79
58) Fluorene	10.40	166	660751	43.140	nq	96
59) 2,3,4,6-Tetrachlorophenol	10.19	232	137801	33.537	nq	97
60) Diethylphthalate	10.26	149	676732	40.712	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	317375	42.189	nq	100
62) 4-Nitroaniline	10.43	138	191252	40.406	nq	97
63) Azobenzene	10.55	77	632881	39.334	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	18109	8.256	nq	94
66) n-Nitrosodiphenylamine	10.50	169	561462	40.527	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	197462	39.288	nq	98
68) Hexachlorobenzene	10.95	284	220628	39.681	nq	98
69) Atrazine	11.03	200	173394	40.218	nq	98
70) Pentachlorophenol	11.16	266	166416m	63.139	nq	
71) Phenanthrene	11.36	178	949549	42.757	nq	97
72) Anthracene	11.42	178	971672	43.561	nq	97
73) Carbazole	11.57	167	923066	43.396	nq	98
74) Di-n-butylphthalate	11.89	149	1106770	45.164	nq	100
75) Fluoranthene	12.55	202	1038804	43.437	nq	100
77) Benzidine	12.67	184	462400	33.031	nq	97
78) Pyrene	12.78	202	1056896	42.128	nq	99
80) Butylbenzylphthalate	13.39	149	472721	44.766	nq	97
81) Benzo(a)anthracene	13.97	228	851560	42.217	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	324878	41.518	nq	98
83) Chrysene	14.01	228	835718	42.265	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	654028	47.357	nq	100
85) Di-n-octyl phthalate	14.55	149	1050258	46.912	nq	98
86) Indeno(1,2,3-cd)pyrene	16.92	276	899636	51.480	nq	99
88) Benzo(b)fluoranthene	15.02	252	786028	39.289	nq	99
89) Benzo(k)fluoranthene	15.04	252	720118	39.184	nq	100
90) Benzo(a)pyrene	15.39	252	719331	40.855	nq	97
91) Dibenzo(a,h)anthracene	16.92	278	737064	50.378	nq	98
92) Benzo(g,h,i)perylene	17.36	276	766388	52.270	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

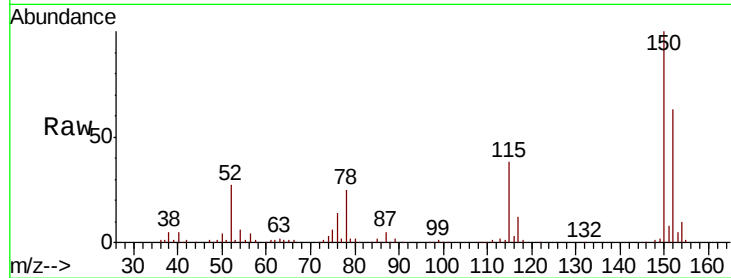
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.3	186.5
115	61.1	49.1	73.7

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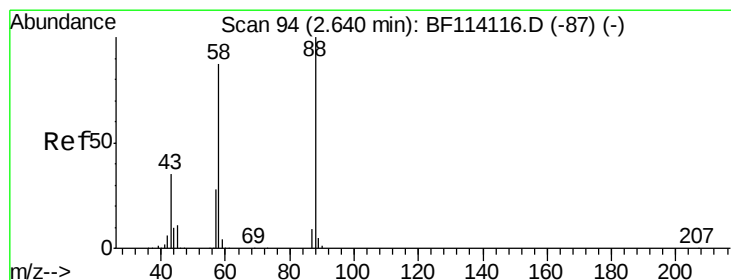
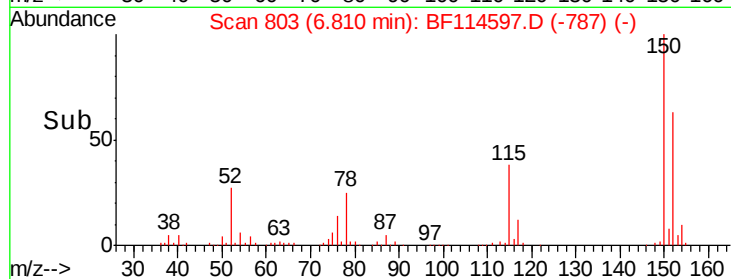
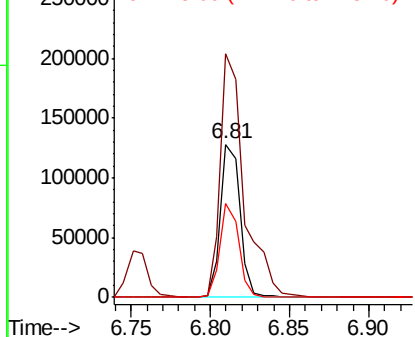


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.150 ng
RT: 2.49 min Scan# 69
Delta R.T. -0.06 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

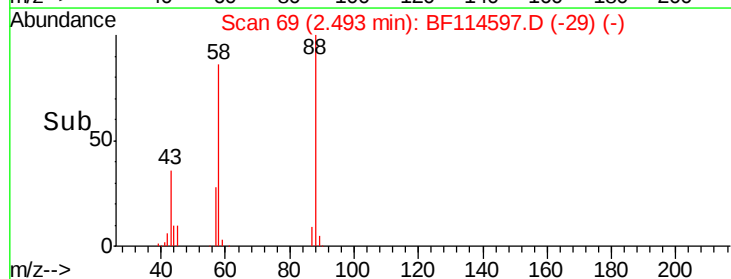
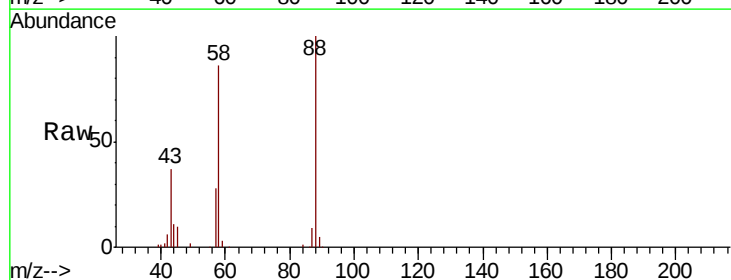
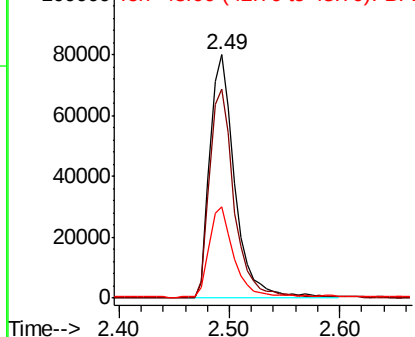
Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.5	68.7	103.1
43	38.5	28.2	42.2

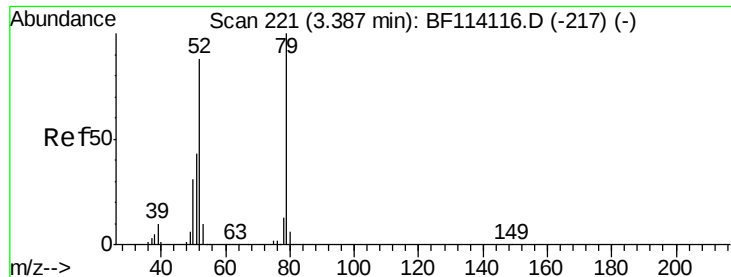
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.879 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.05 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

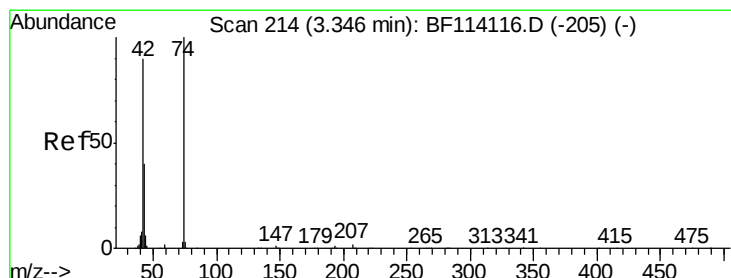
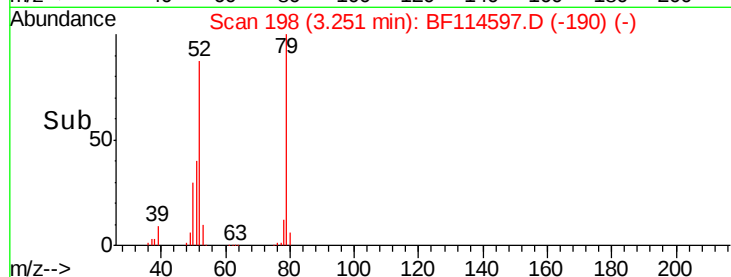
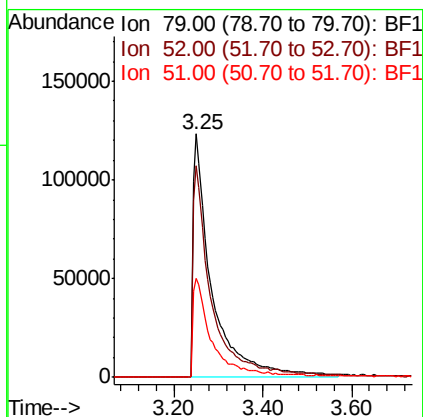
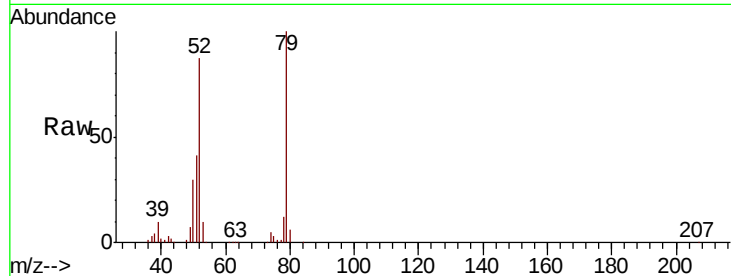
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	351667
Ion Ratio	Lower	Upper	
79	100		
52	86.9	70.6	105.8
51	40.7	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 33.898 ng

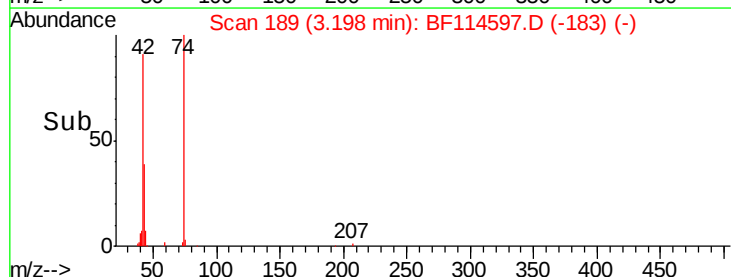
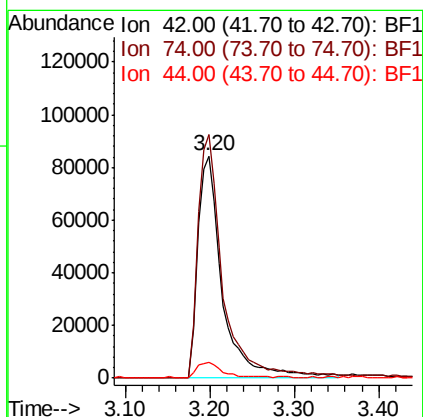
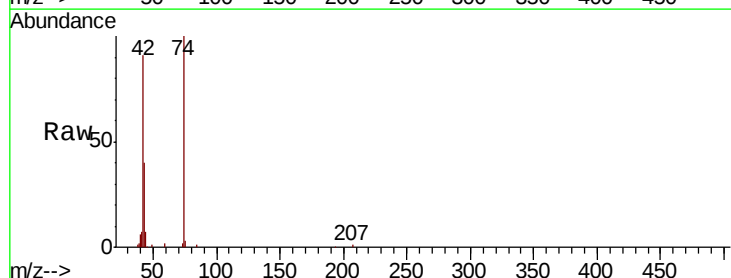
RT: 3.20 min Scan# 189

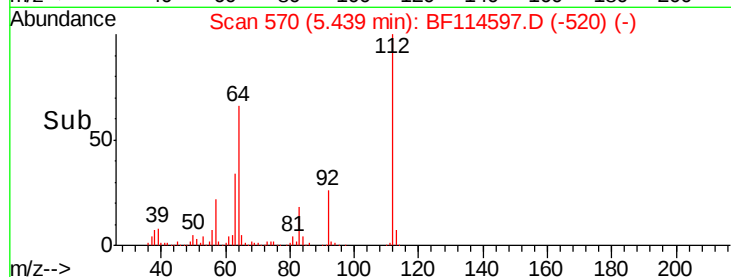
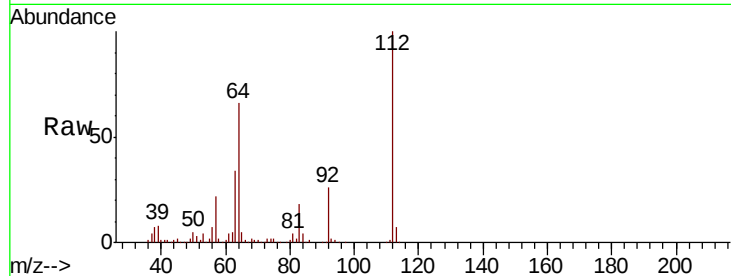
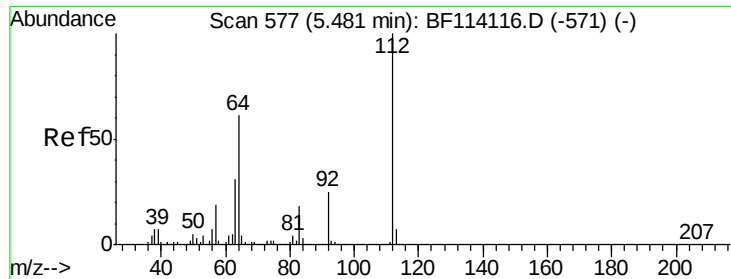
Delta R.T. -0.06 min

Lab File: BF114597.D

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Tgt Ion:	42	Resp:	169681
Ion Ratio	Lower	Upper	
42	100		
74	109.7	88.6	132.8
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 80.728 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

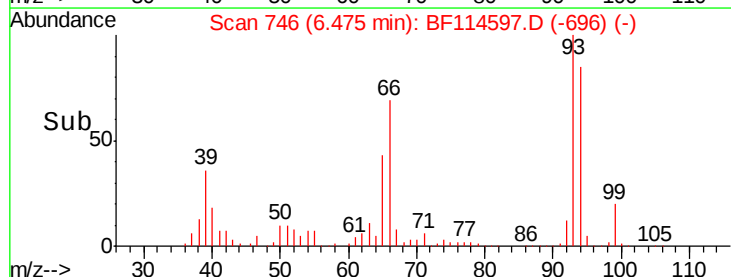
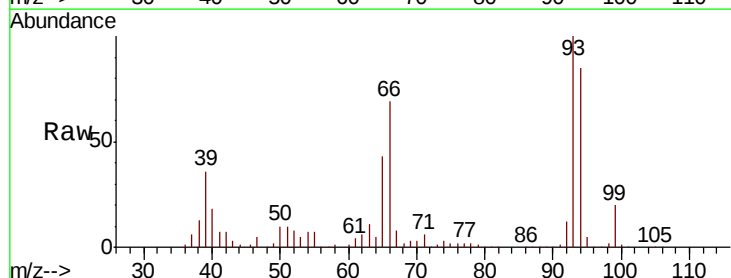
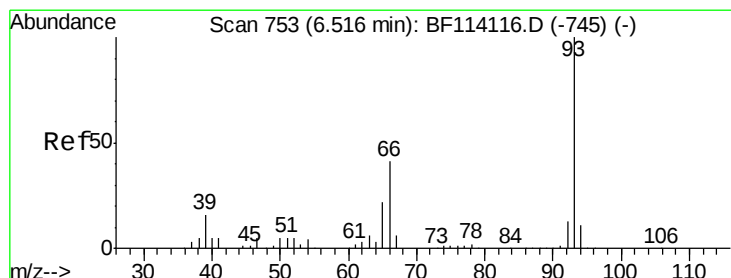
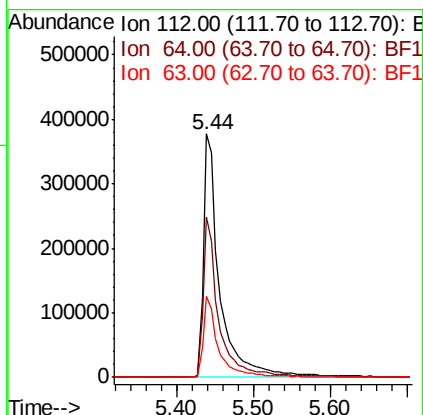
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	553329		
64	65.8	49.0	73.6	
63	33.5	24.6	37.0	

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#6

Aniline

Concen: 40.945 ng

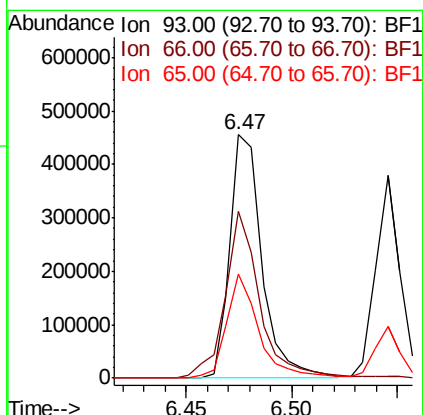
RT: 6.47 min Scan# 746

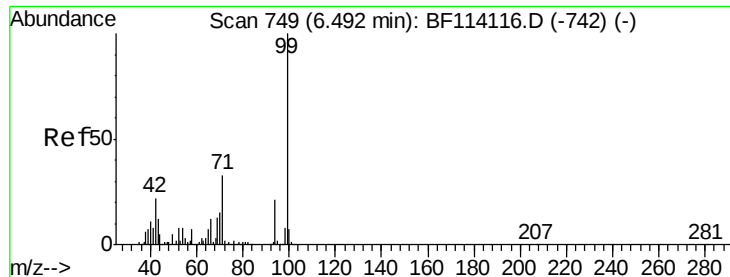
Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	479478		
66	68.6	33.2	49.8#	
65	42.9	17.6	26.4#	





#7

Phenol-d6

Concen: 85.293 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

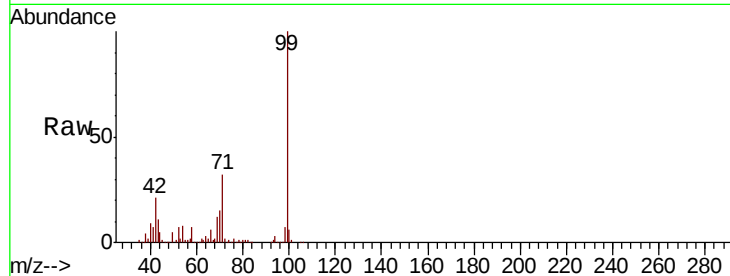
ClientSampleId :

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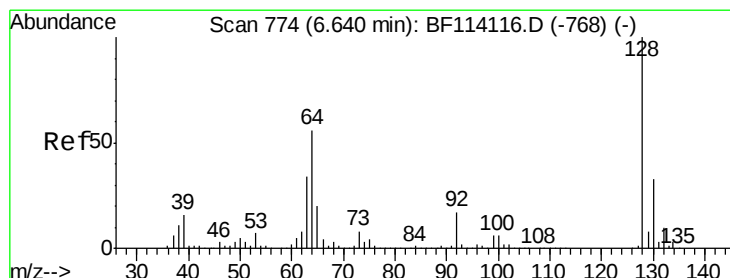
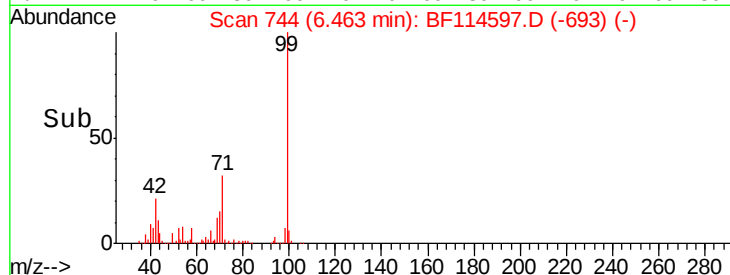
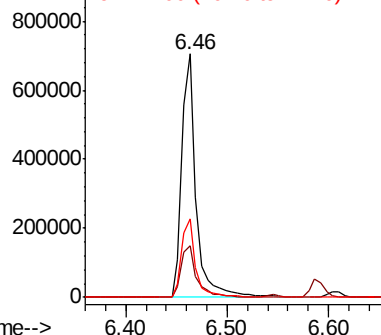
Tot Ion:	99	Resp:	691449
Ion Ratio	Lower	Upper	
99	100		
42	21.0	17.9	26.9
71	32.0	26.2	39.2

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.798 ng

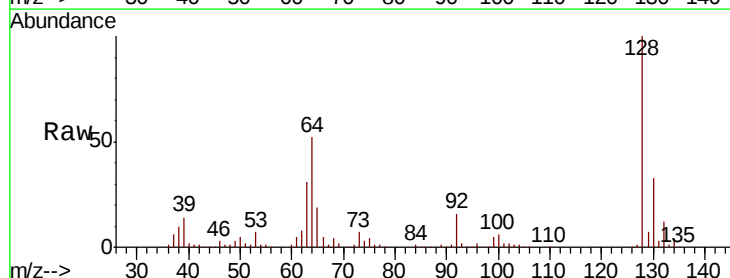
RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

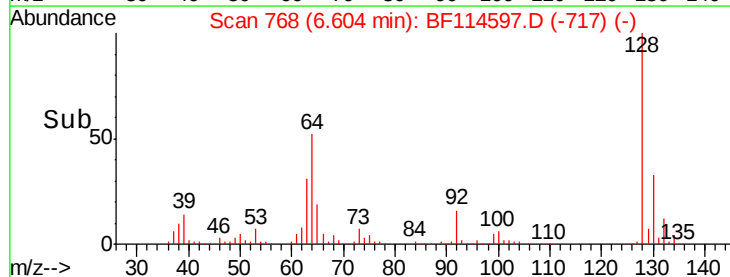
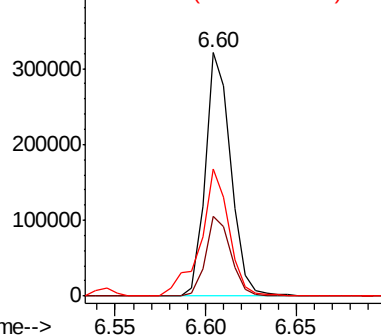
Lab File: BF114597.D

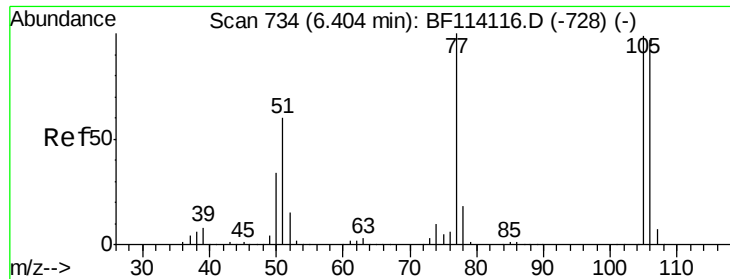
Acq: 25 May 2019 4:26

Tgt Ion:	128	Resp:	313163
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.6	52.6
64	52.3	35.9	75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.431 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

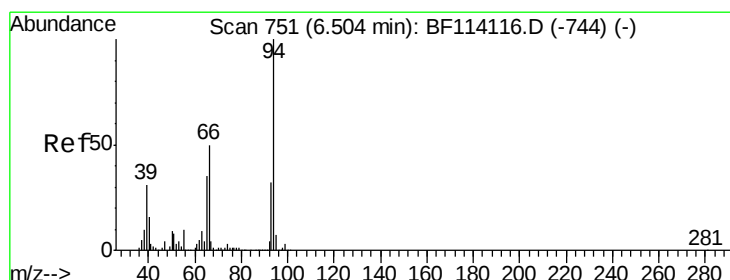
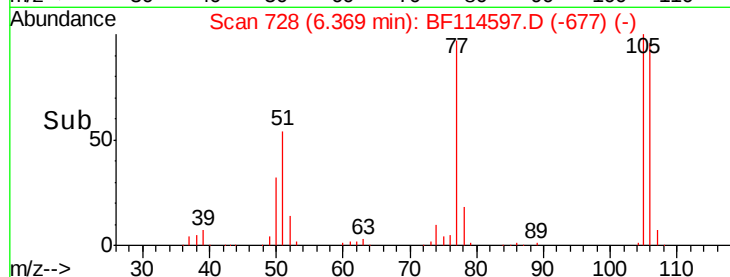
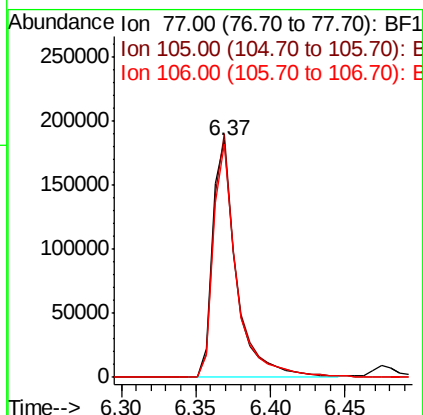
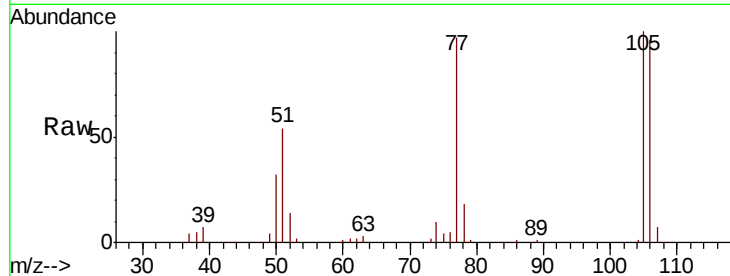
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	206757
Ion Ratio	Lower	Upper	
77	100		
105	102.8	79.3	119.3
106	98.4	77.0	117.0

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#10

Phenol

Concen: 42.232 ng

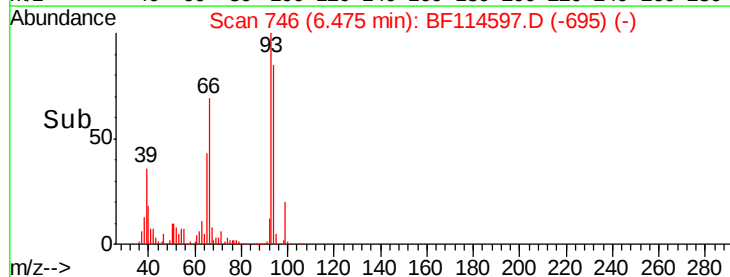
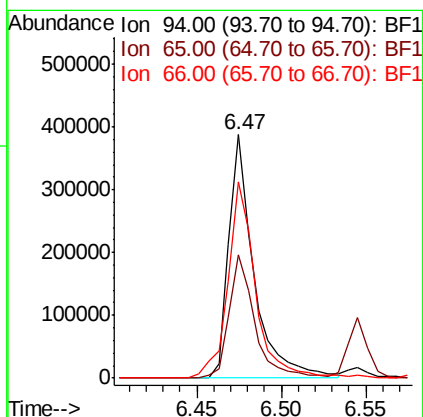
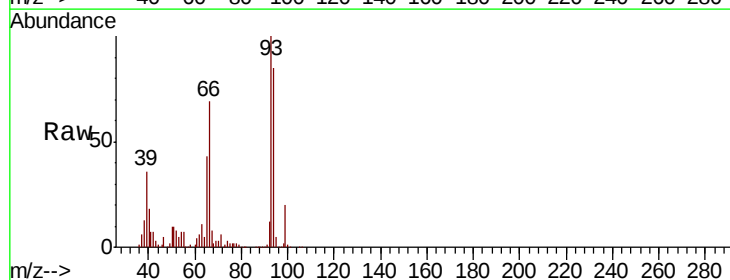
RT: 6.47 min Scan# 746

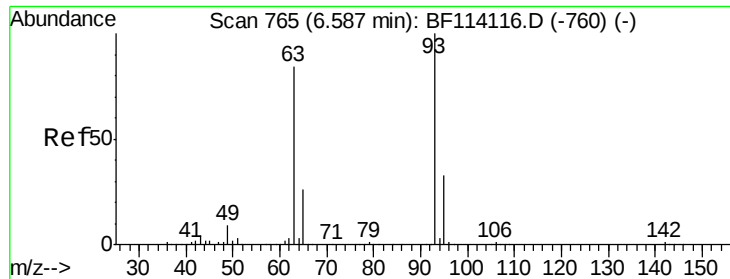
Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Tgt Ion:	94	Resp:	402750
Ion Ratio	Lower	Upper	
94	100		
65	50.4	14.7	54.7
66	80.6	29.6	69.6





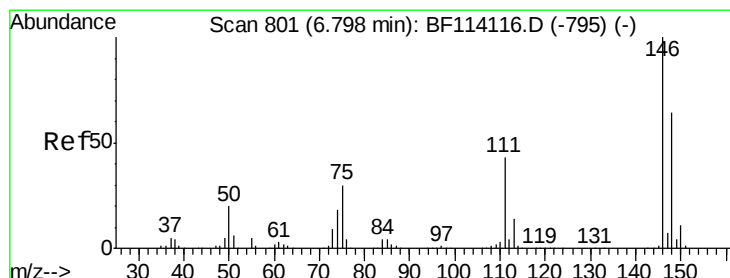
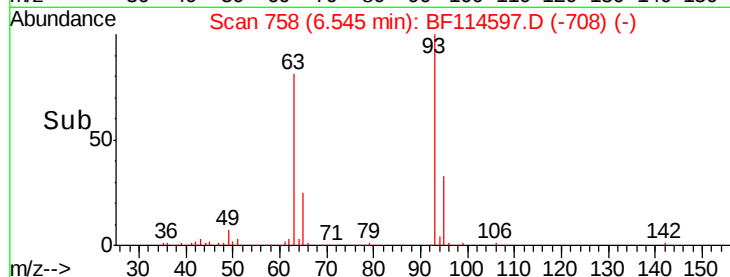
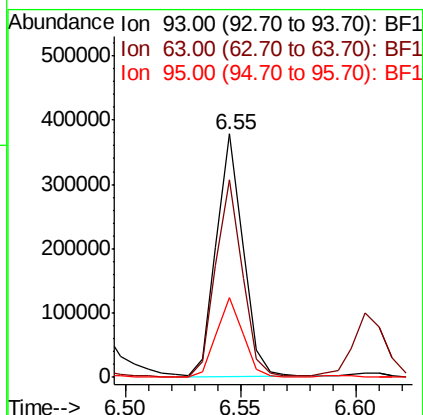
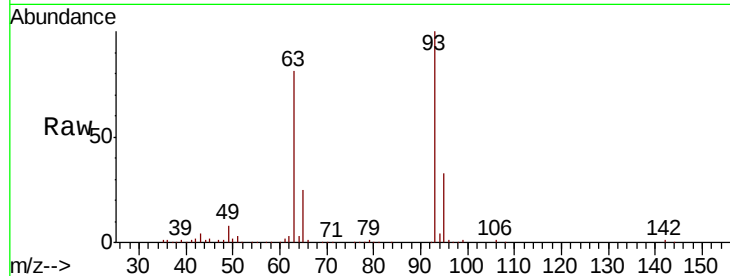
#11
bis(2-Chloroethyl)ether
Concen: 41.664 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.9	63.6	103.6
95	32.7	13.1	53.1

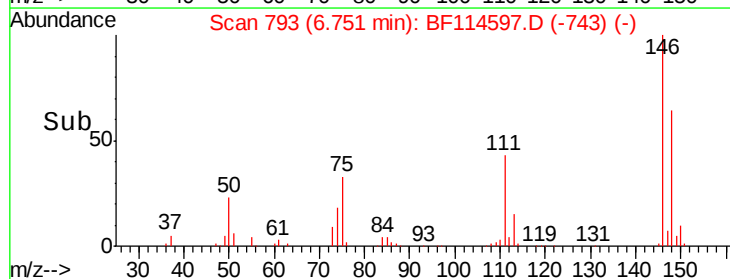
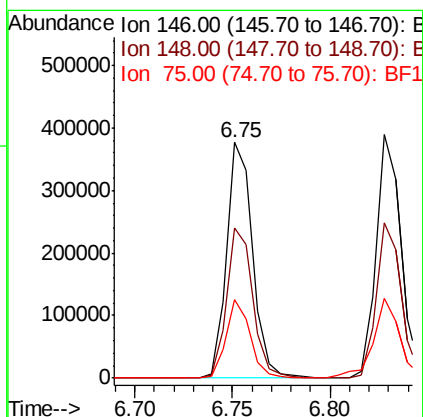
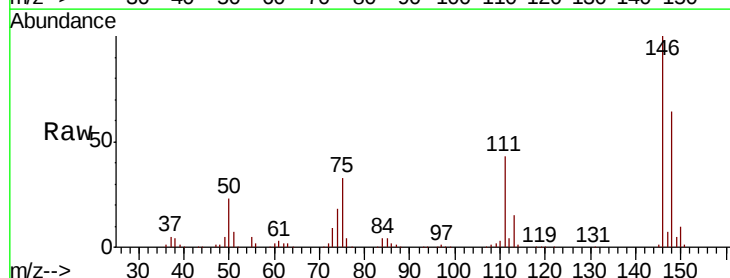
Manual Integrations
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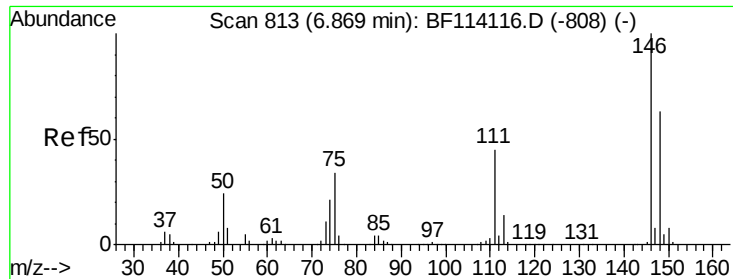
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.374 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
75	33.2	24.2	36.2





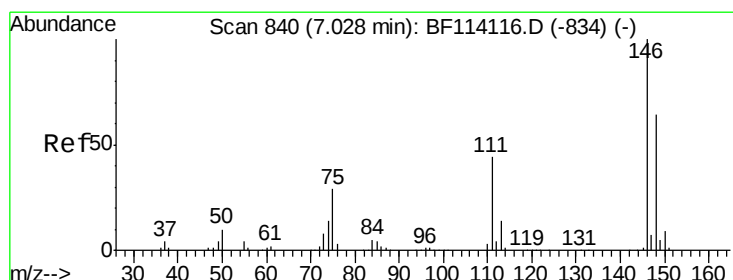
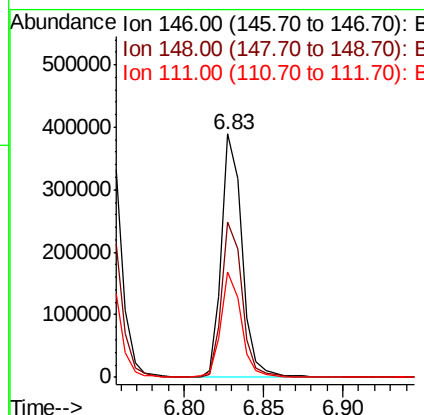
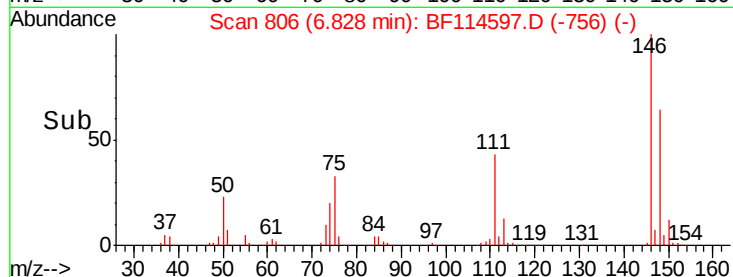
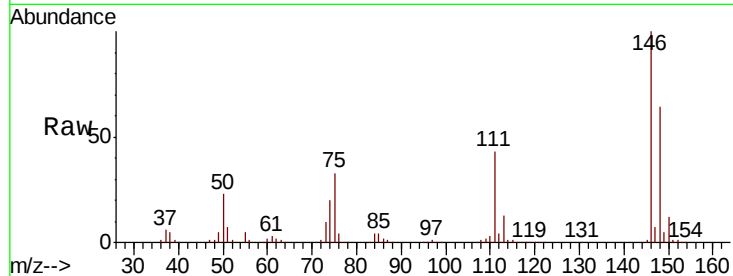
#13
 1,4-Dichlorobenzene
 Concen: 42.365 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.2	75.2
111	43.1	35.8	53.6

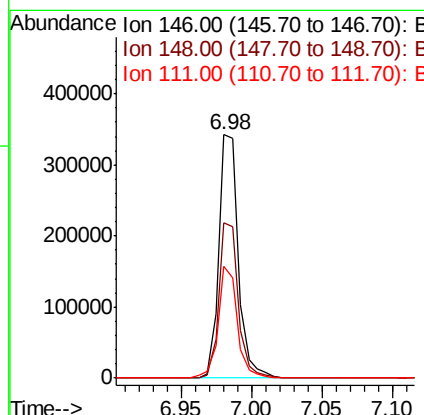
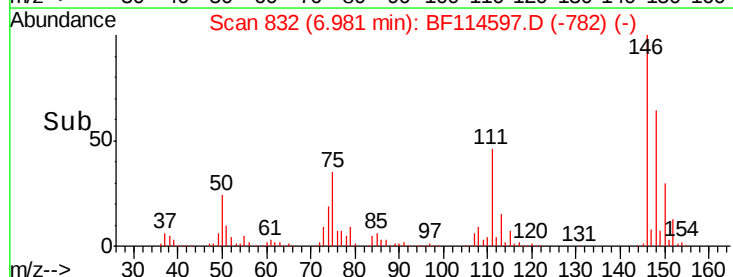
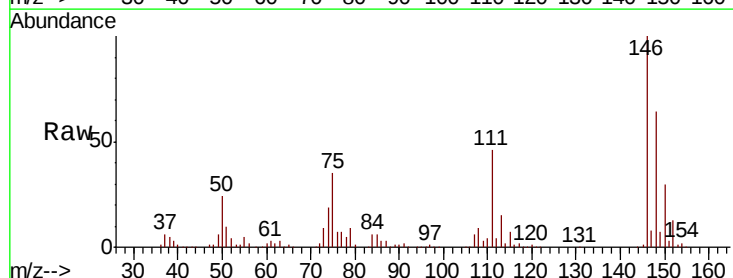
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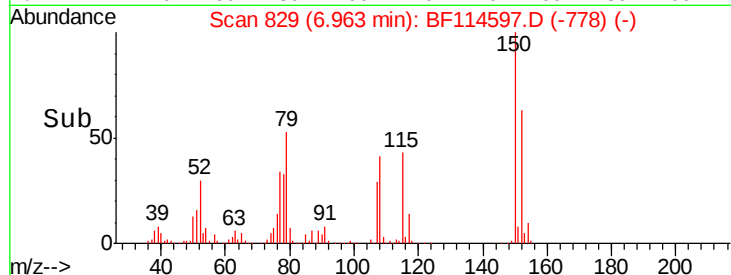
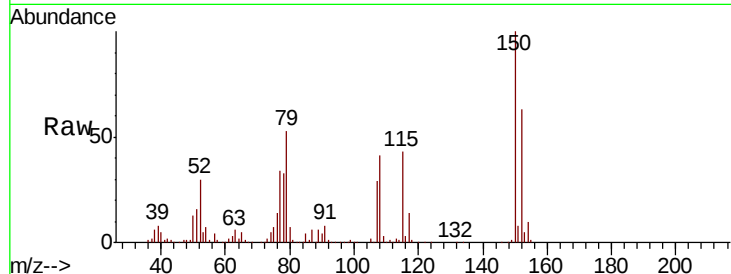
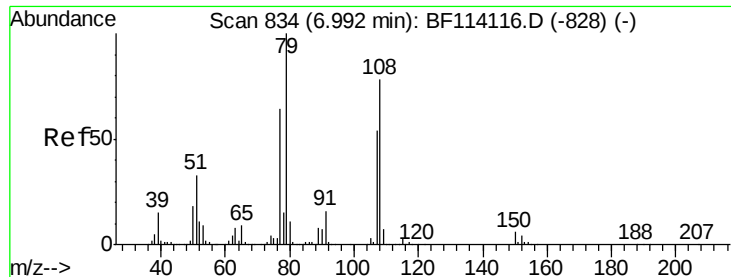
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#14
 1,2-Dichlorobenzene
 Concen: 43.695 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	45.8	35.3	52.9





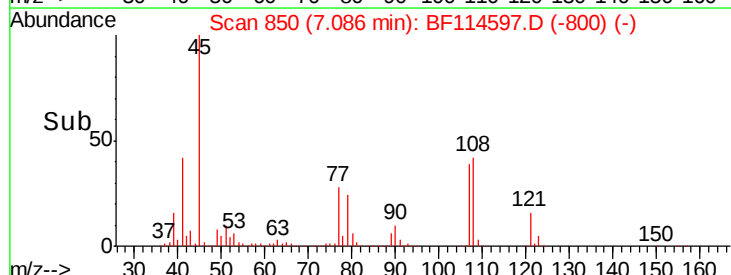
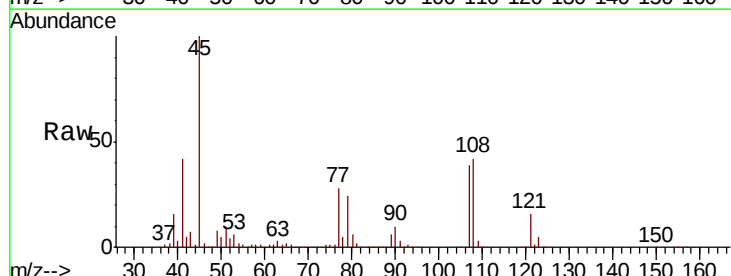
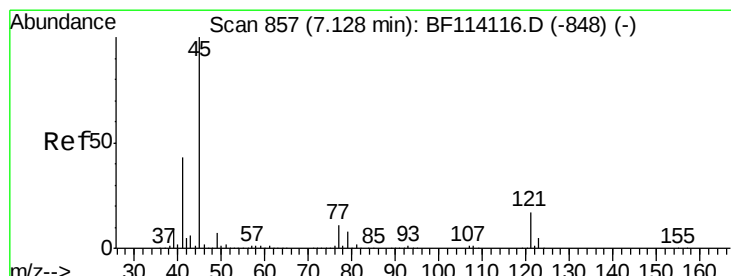
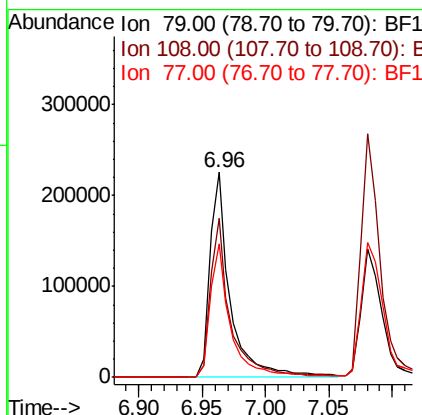
#15
Benzyl Alcohol
Concen: 39.969 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.7	62.1	93.1
77	65.1	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

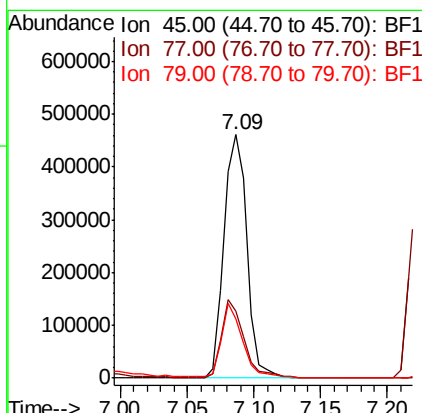
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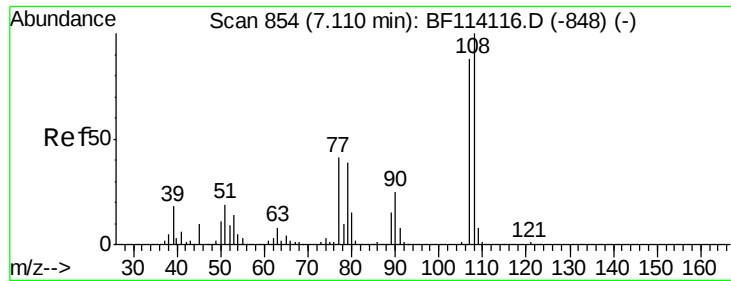
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.095 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.7	0.0	31.1
79	24.3	0.0	28.4





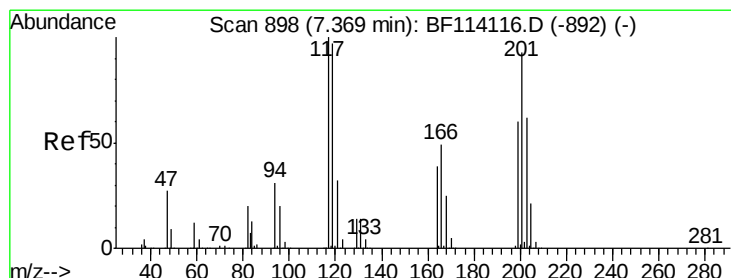
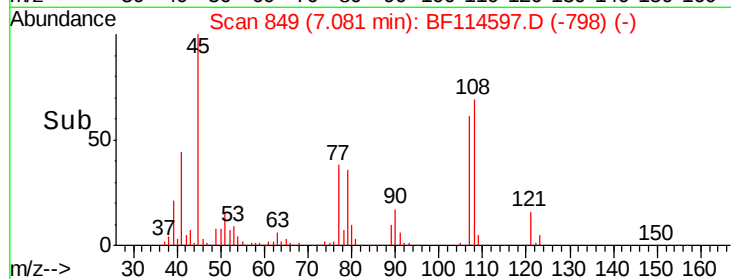
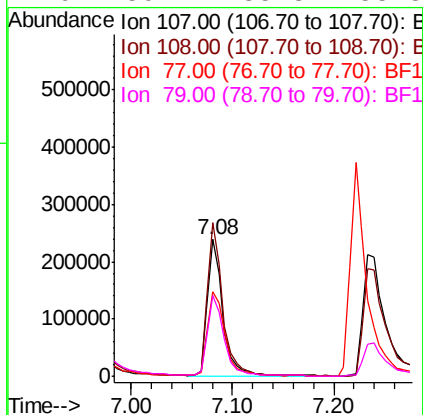
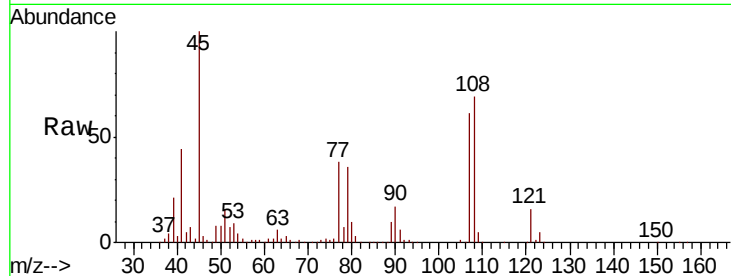
#17
2-Methylphenol
Concen: 41.525 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	90.5	135.7	
77	61.9	37.0	55.4	
79	59.2	35.8	53.8	

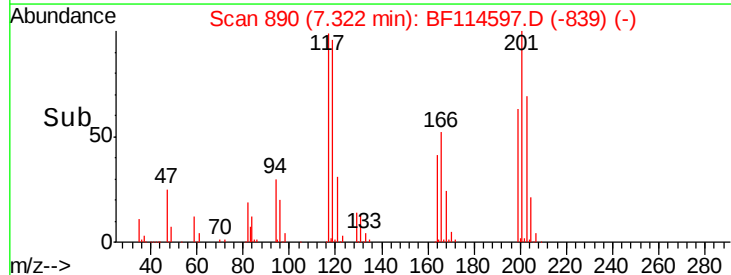
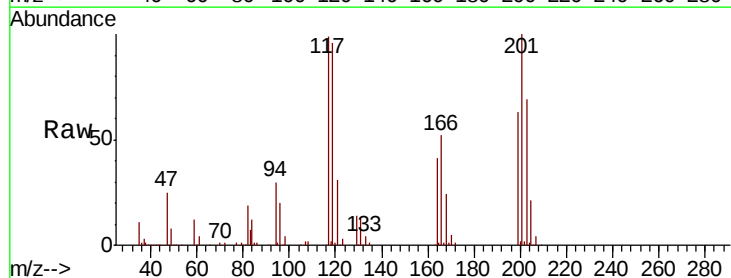
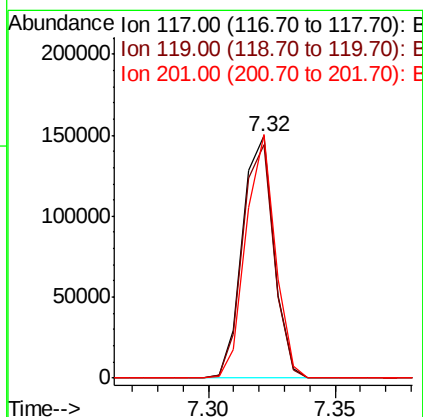
Manual Integrations
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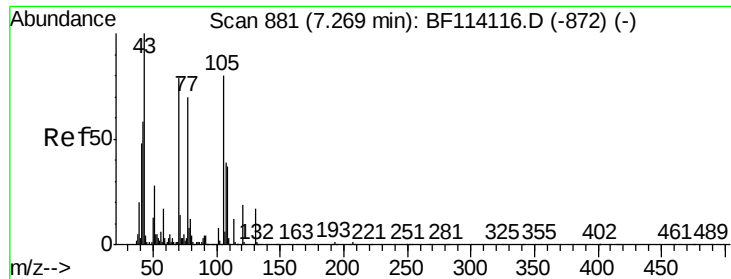
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#18
Hexachloroethane
Concen: 41.496 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	77.4	116.2	
201	100.6	74.5	111.7	





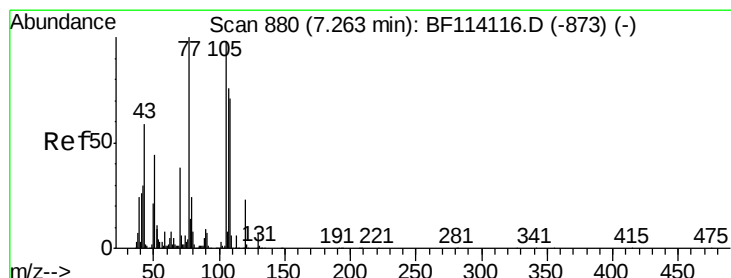
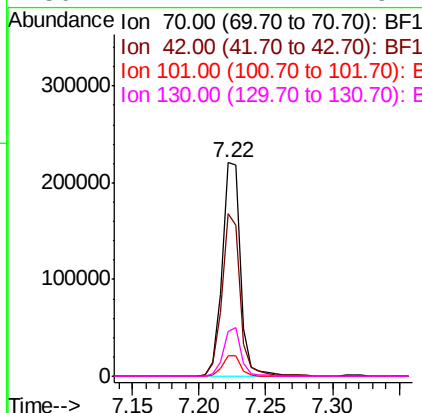
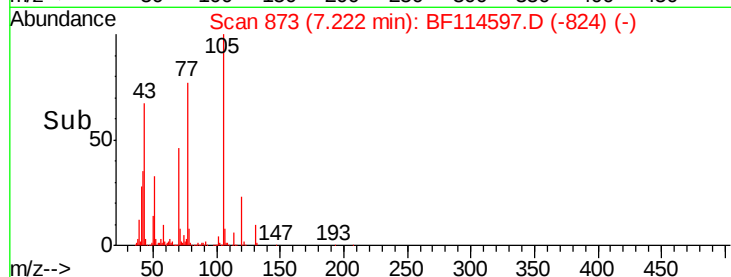
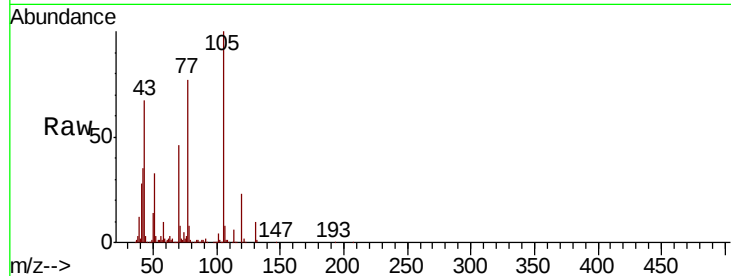
#19
n-Nitroso-di-n-propylamine
Concen: 42.195 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	76.0	58.6	87.8
101	9.6	7.8	11.8
130	21.1	17.1	25.7

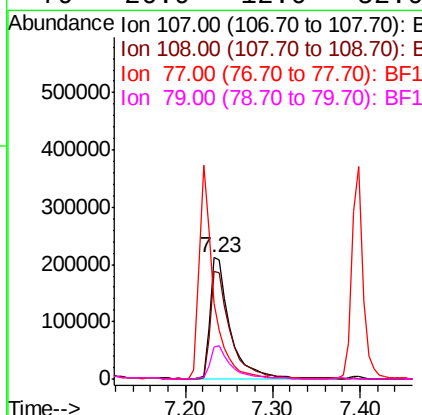
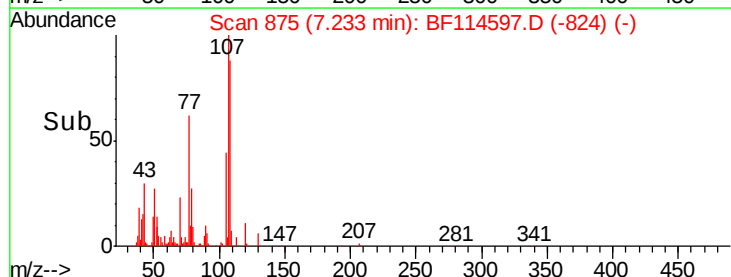
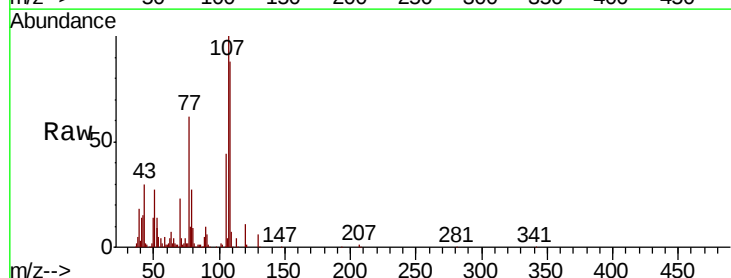
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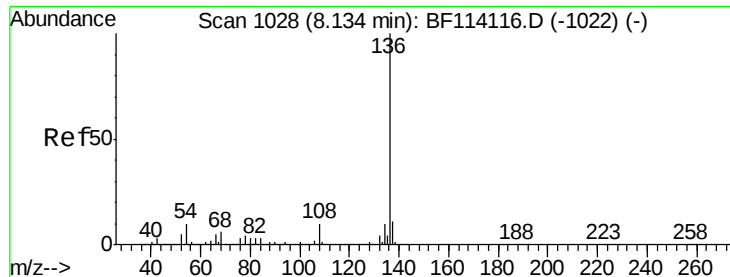
mohammad
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#20
3+4-Methylphenols
Concen: 48.958 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	73.8	113.8
77	62.0	111.5	151.5#
79	26.9	12.0	52.0





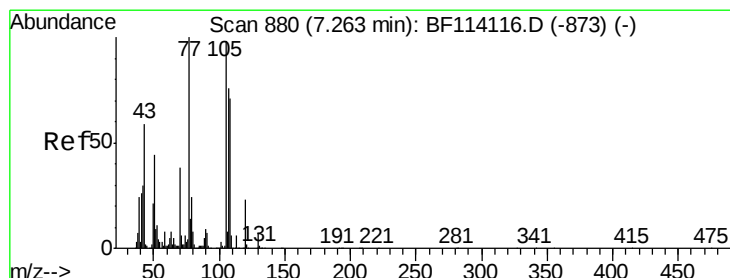
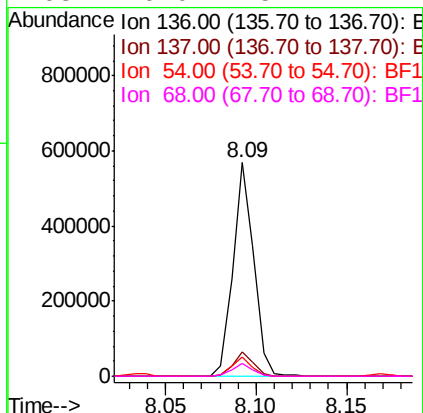
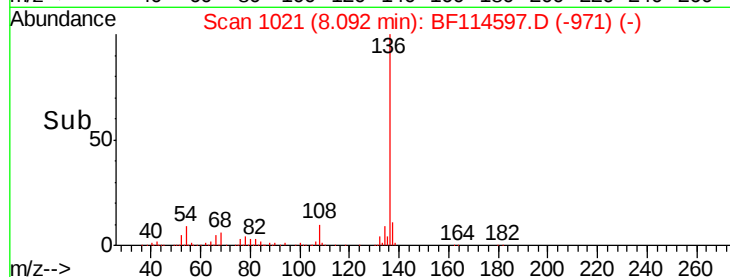
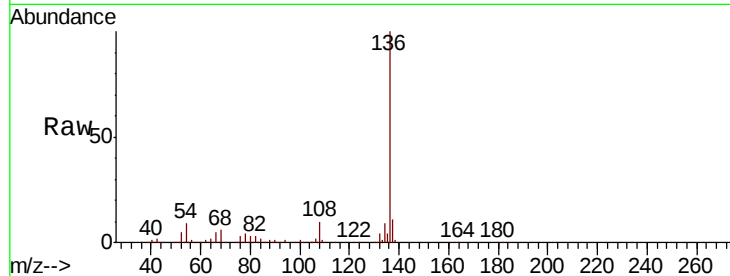
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	451683		
137	11.2	8.8	13.2	
54	8.8	7.8	11.8	
68	6.0	5.1	7.7	

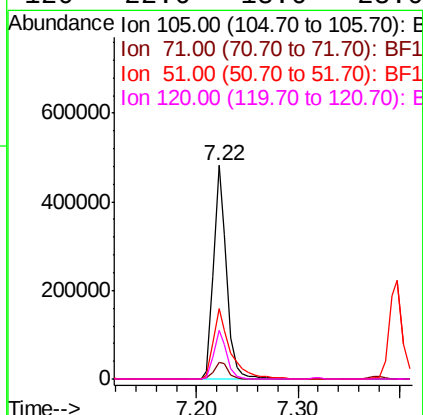
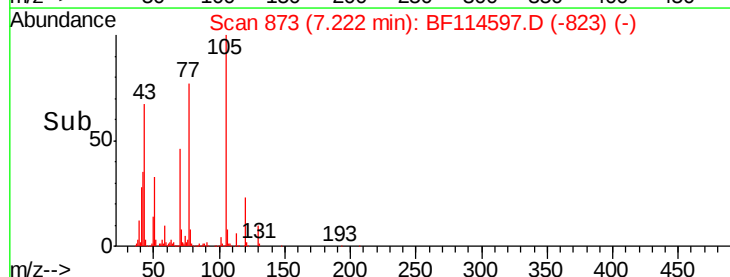
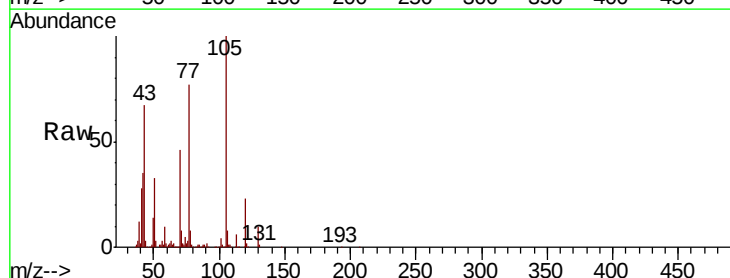
Manual Integrations
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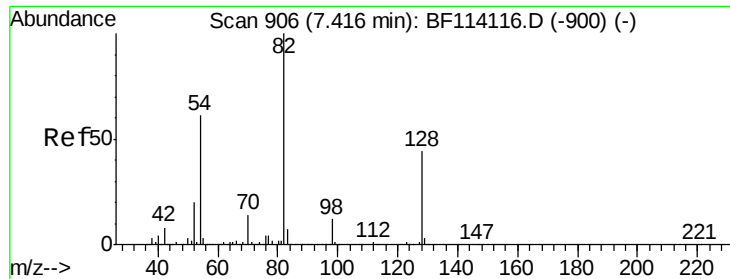
mohammad
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#22
Acetophenone
Concen: 42.888 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	429149		
71	7.7	5.3	7.9	
51	32.8	36.2	54.4	
120	22.6	18.6	28.0	





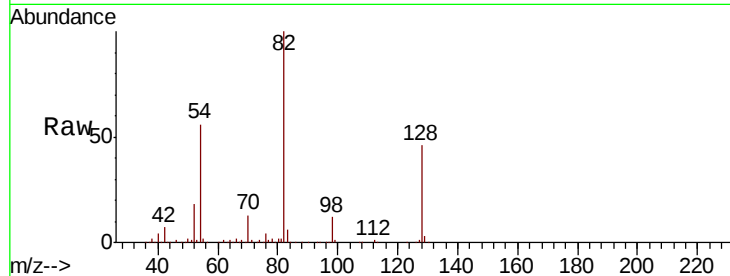
#23
 Nitrobenzene-d5
 Concen: 80.836 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

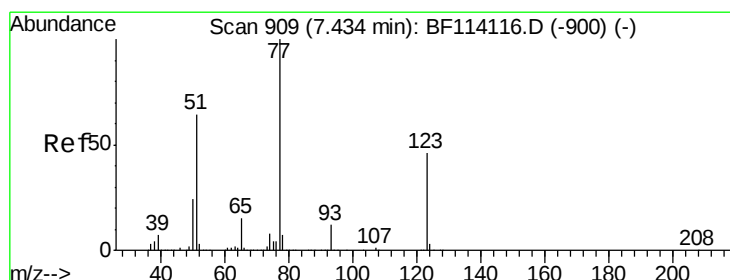
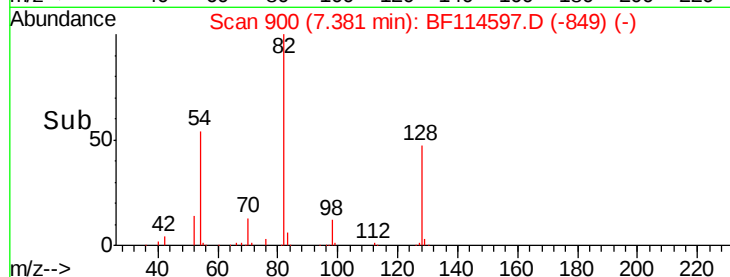
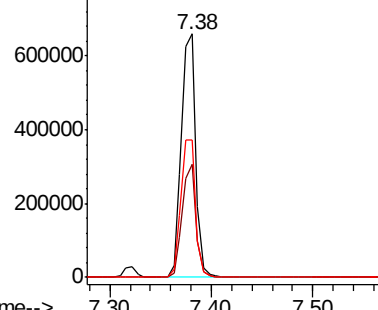
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.5	53.3
54	56.4	48.5	72.7

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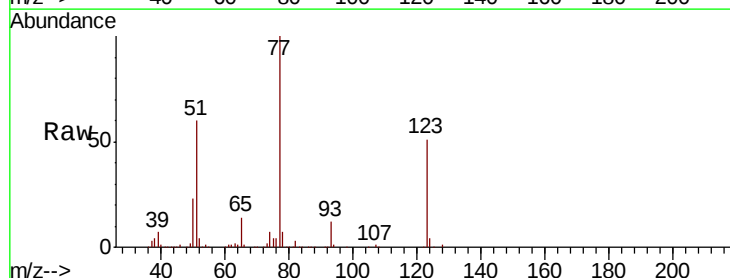


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

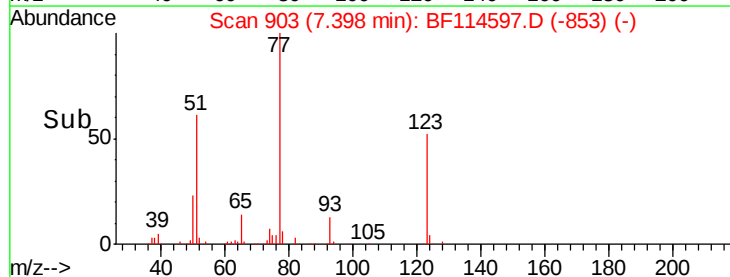
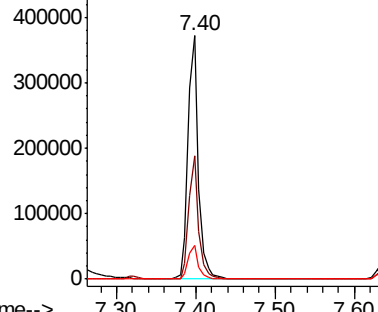


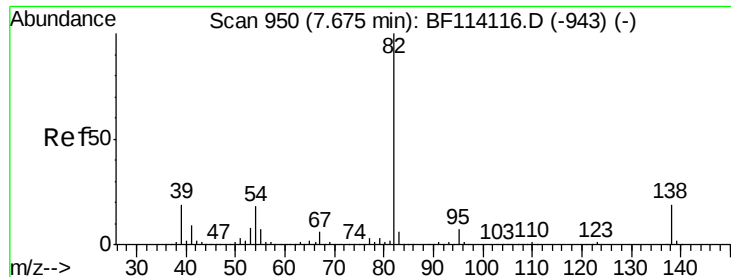
#24
 Nitrobenzene
 Concen: 41.373 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.9	36.9	55.3
65	14.0	11.8	17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.875 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

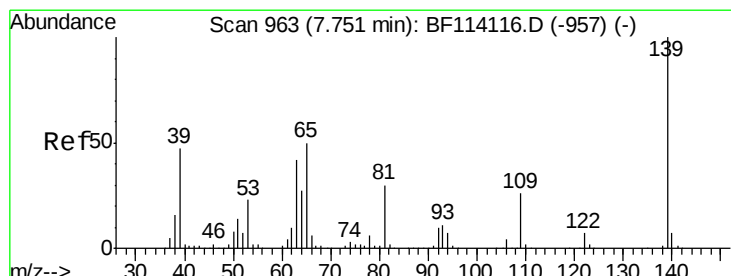
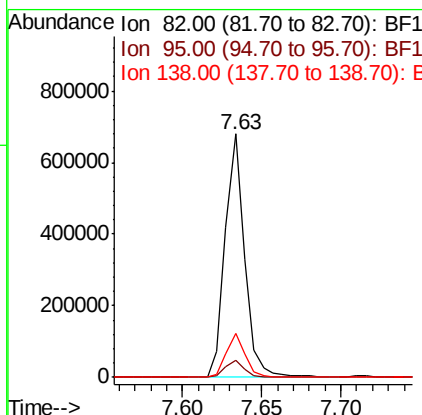
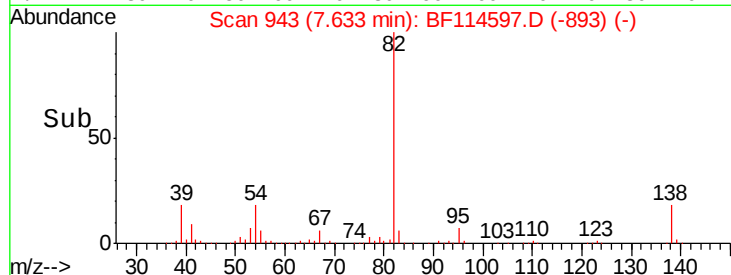
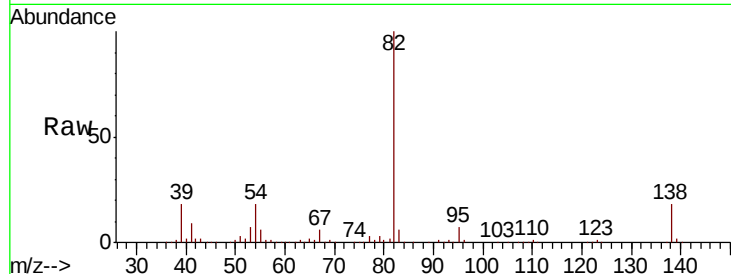
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	580273
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	18.0	14.8	22.2

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#26

2-Nitrophenol

Concen: 39.290 ng

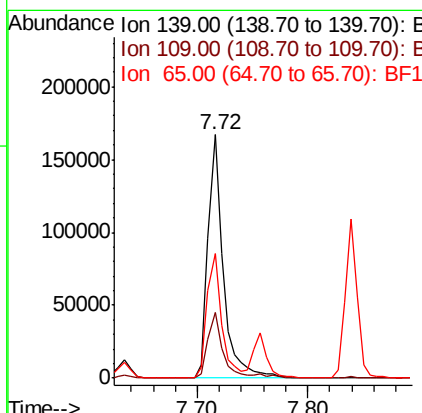
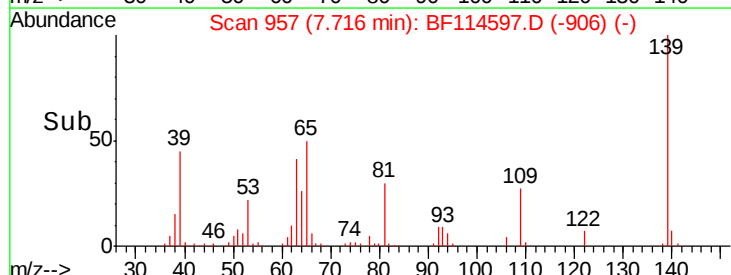
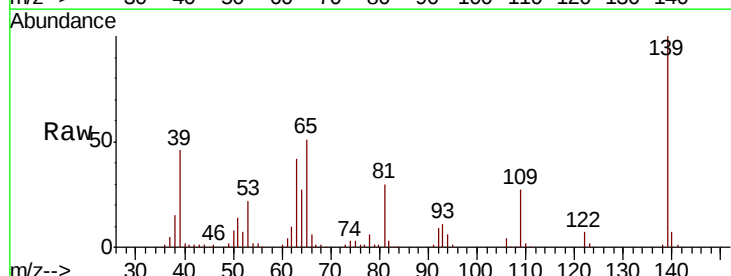
RT: 7.72 min Scan# 957

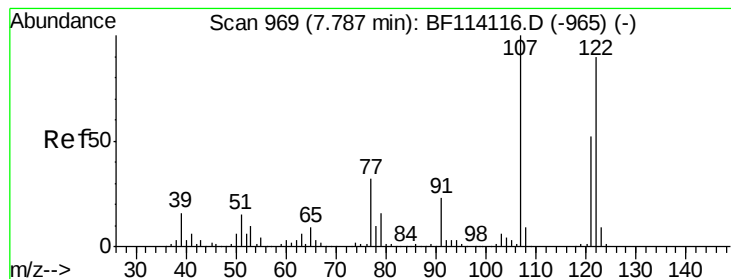
Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Tgt Ion:	139	Resp:	156260
Ion Ratio	Lower	Upper	
139	100		
109	26.8	20.7	31.1
65	51.4	40.2	60.2





#27

2,4-Dimethylphenol

Concen: 39.696 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

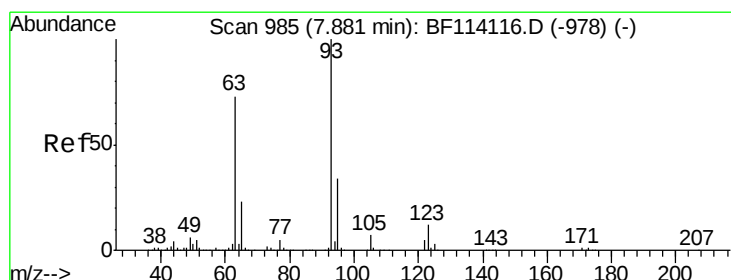
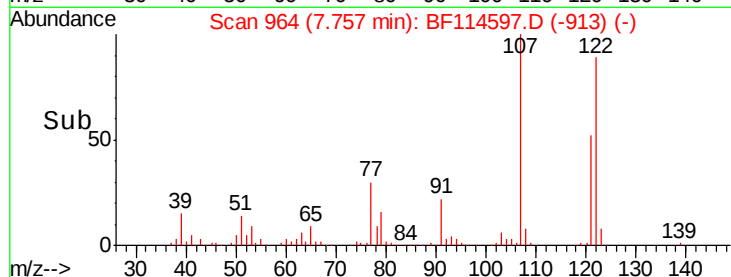
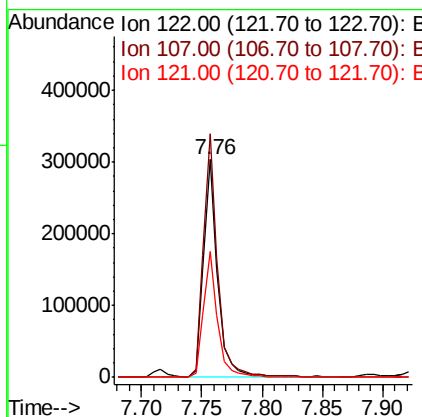
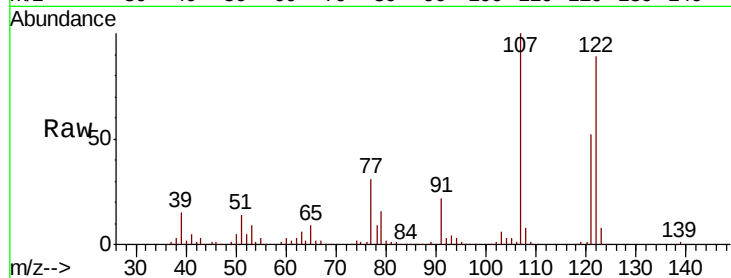
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	247958
Ion Ratio	Lower	Upper	
122	100		
107	112.0	88.4	132.6
121	57.7	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 39.843 ng

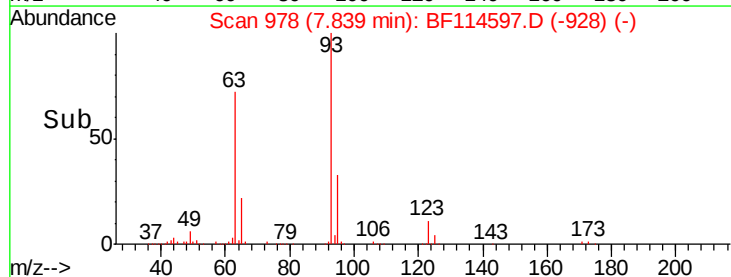
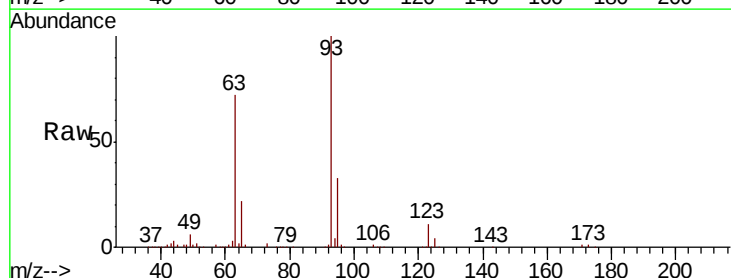
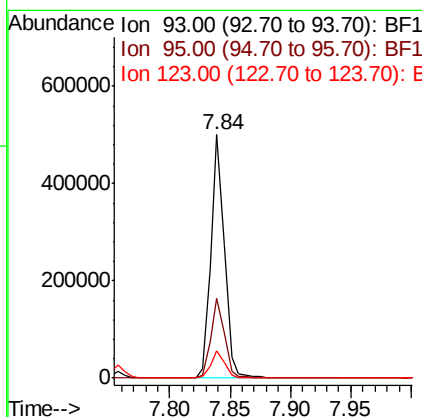
RT: 7.84 min Scan# 978

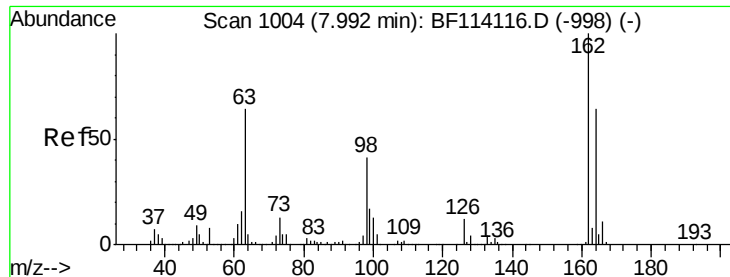
Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Tgt Ion:	93	Resp:	385880
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.8	40.2
123	11.1	9.5	14.3





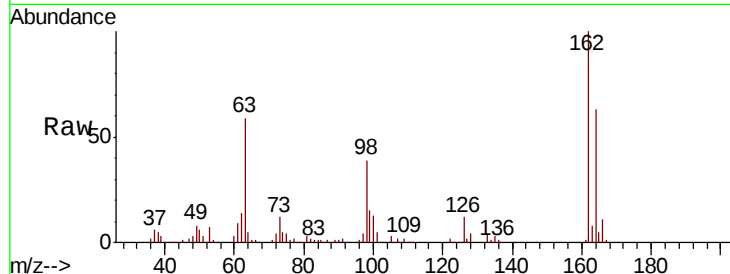
#29
 2,4-Dichlorophenol
 Concen: 41.654 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Instrument :
 BNA_F
 ClientSampleID :
 SSTCCCC040

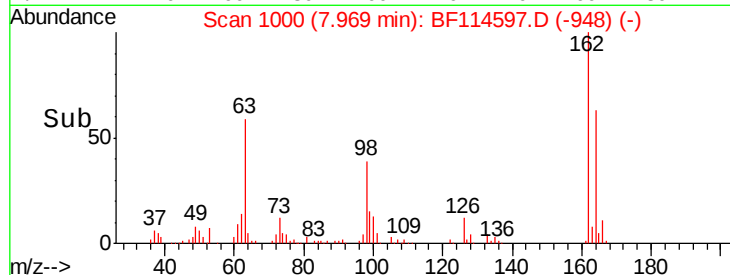
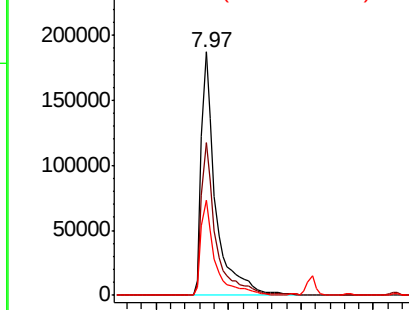
Tot Ion	Ratio	Resp	Lower	Upper
162	100	259085		
164	63.0	43.6	83.6	
98	38.9	20.6	60.6	

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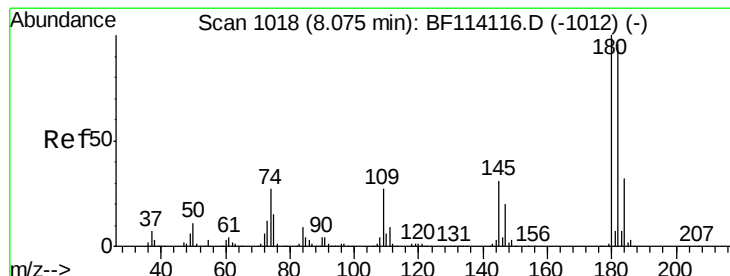


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

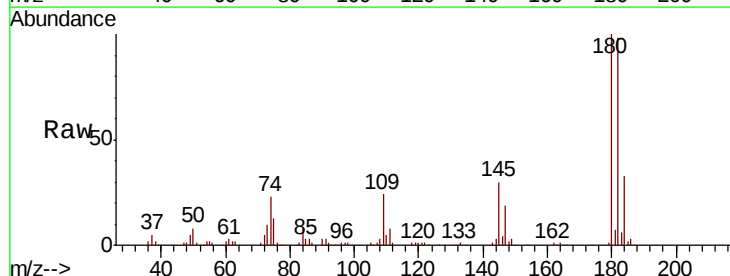
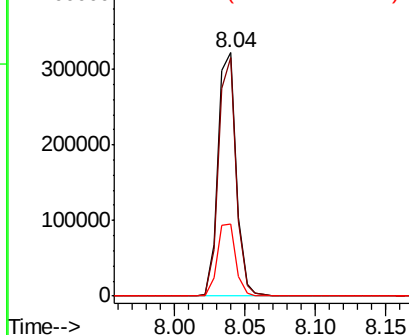


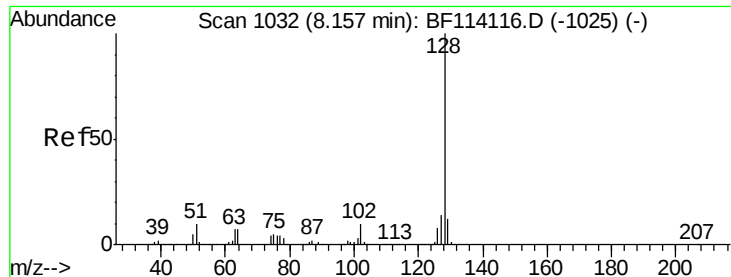
#30
 1,2,4-Trichlorobenzene
 Concen: 41.070 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	290483		
182	98.1	76.6	114.8	
145	29.7	25.1	37.7	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





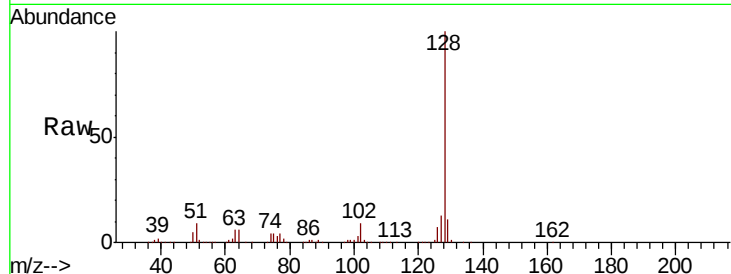
#31
Naphthalene
Concen: 42.419 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	13.0	11.3	16.9

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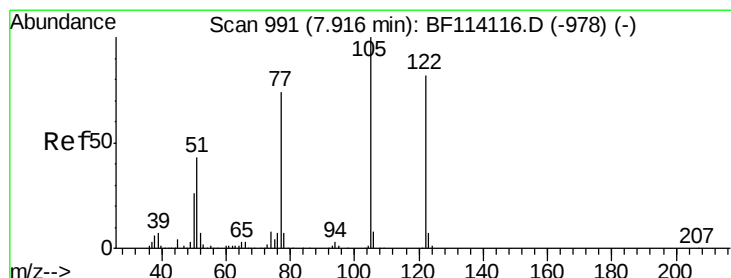
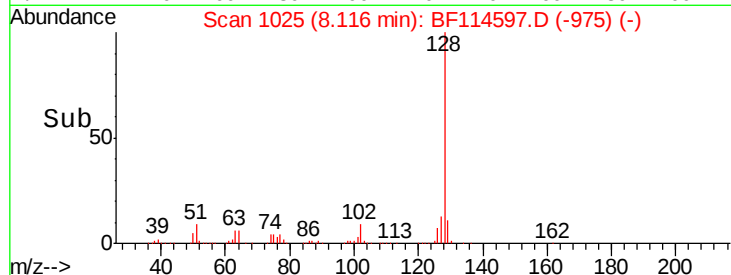
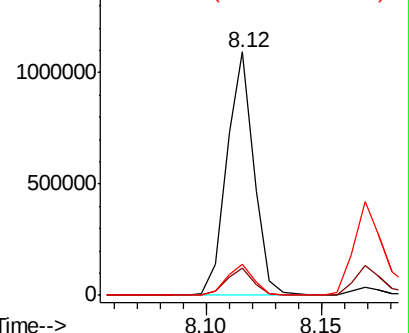


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 15.685 ng m
RT: 7.93 min Scan# 993
Delta R.T. 0.02 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

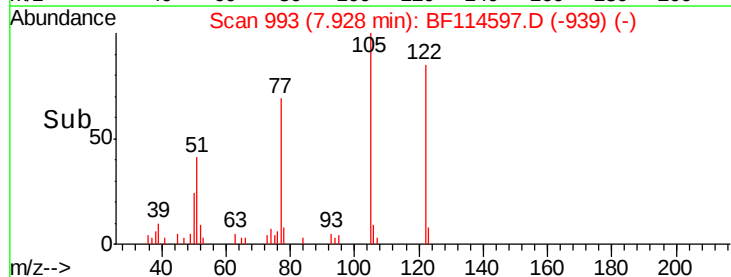
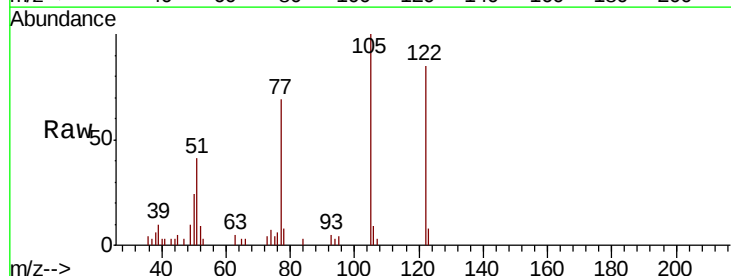
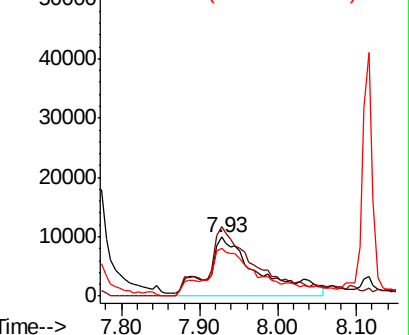
Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.0	99.9	139.9
77	81.5	69.4	109.4

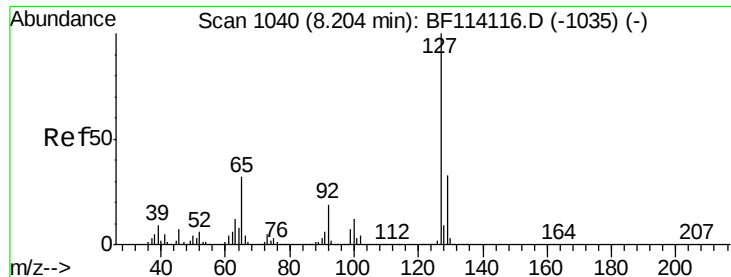
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





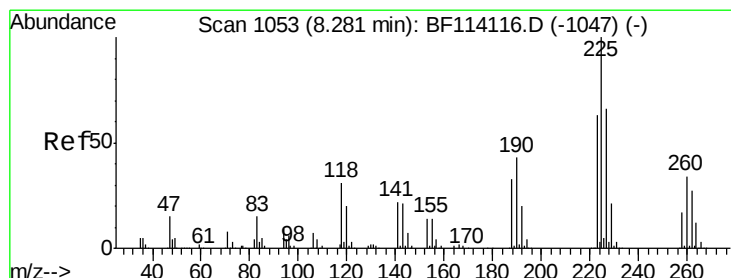
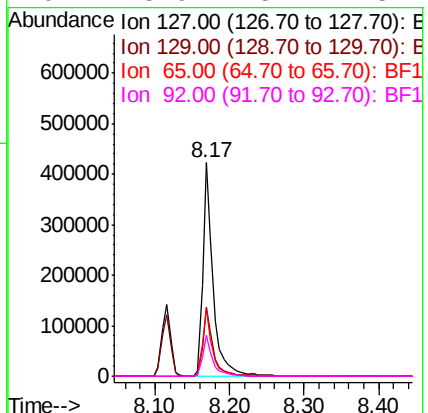
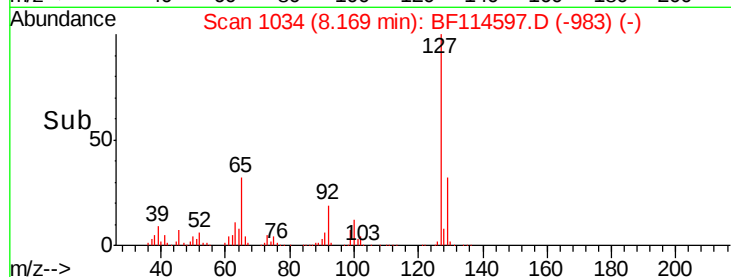
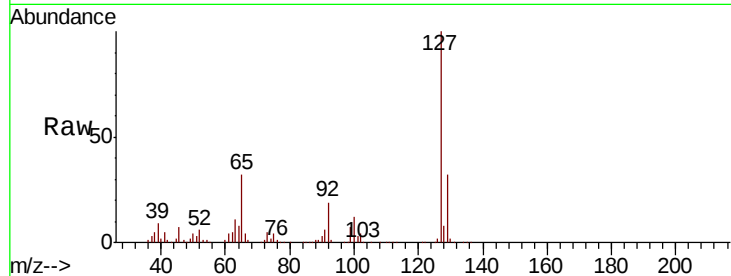
#33
4-Chloroaniline
Concen: 42.965 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		413087		
129	32.3	26.7	40.1		
65	31.7	25.4	38.0		
92	18.9	15.4	23.2		

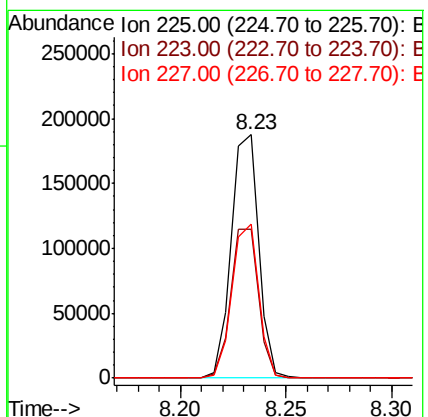
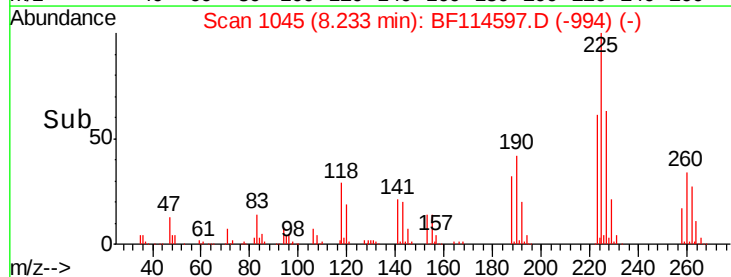
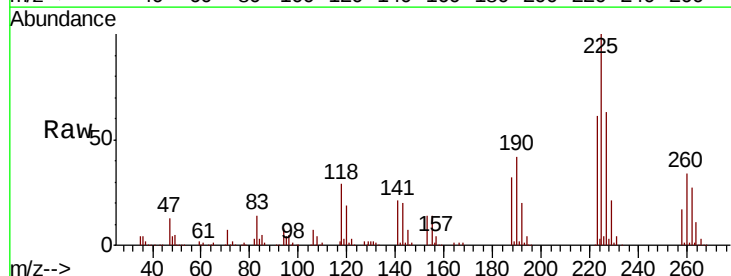
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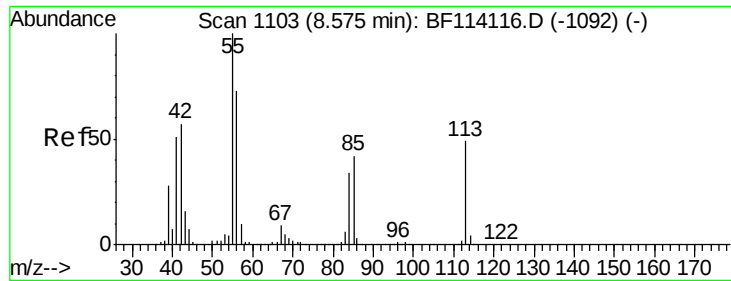
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#34
Hexachlorobutadiene
Concen: 41.625 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		167512		
223	61.3	50.2	75.2		
227	63.5	52.6	79.0		





#35

Caprolactam

Concen: 42.648 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

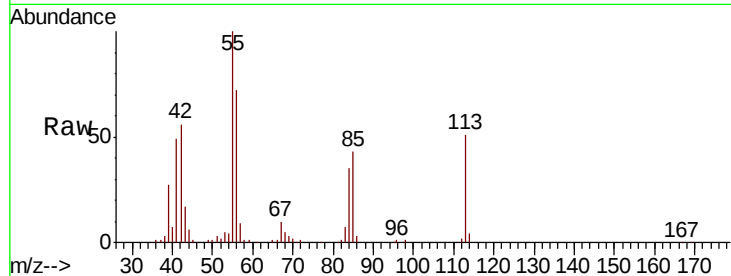
ClientSampled :

SSTDCCC040

Tot Ion:	113	Resp:	86497
Ion	Ratio	Lower	Upper
113	100		
55	194.4	183.5	223.5
56	139.4	128.8	168.8

Manual Integrations
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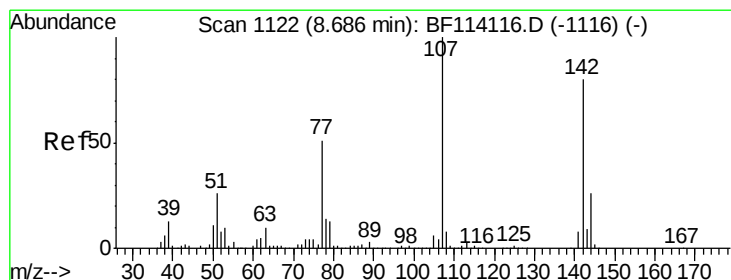
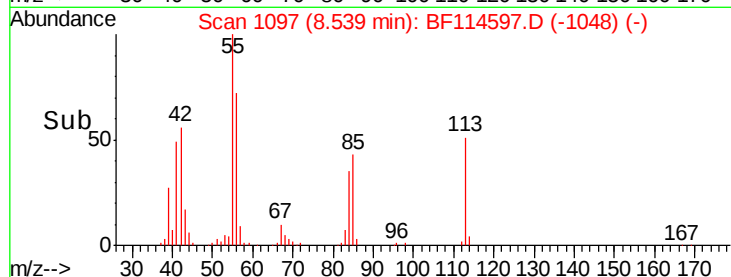
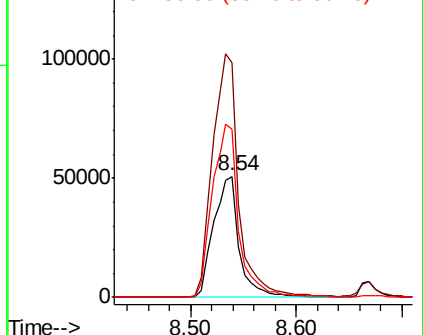
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.258 ng

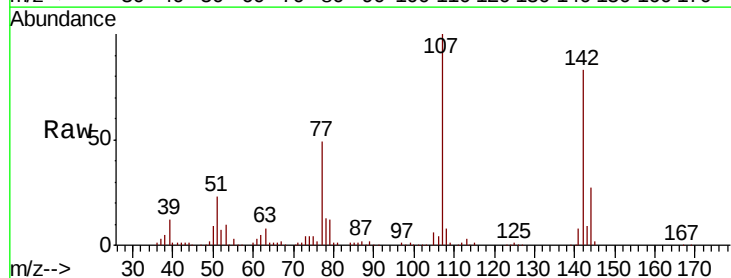
RT: 8.67 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

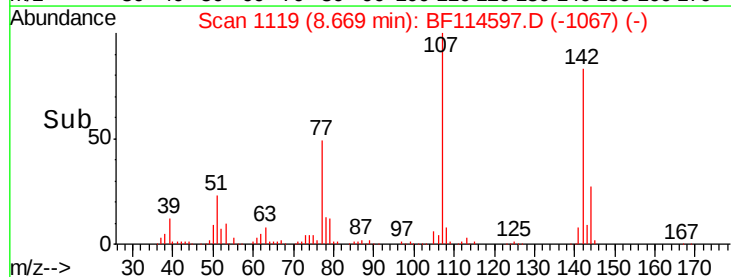
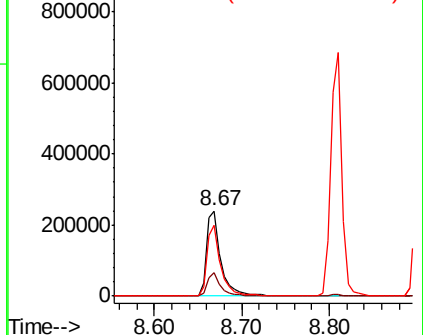
Tgt Ion:	107	Resp:	270833
Ion	Ratio	Lower	Upper
107	100		
144	27.3	20.4	30.6
142	83.3	64.2	96.4

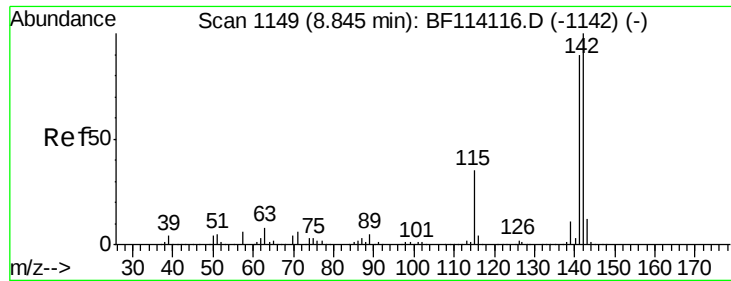


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





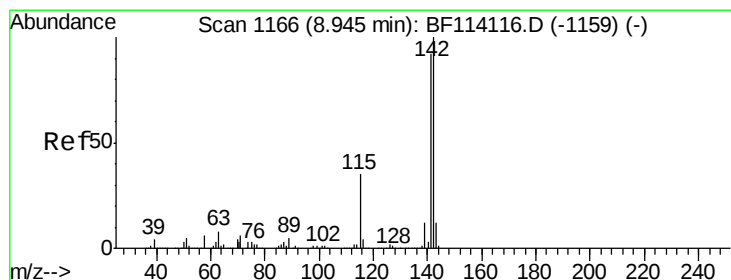
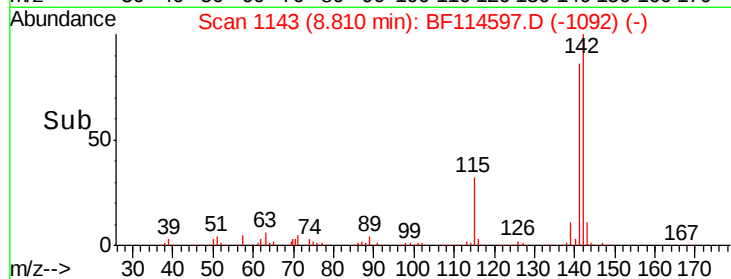
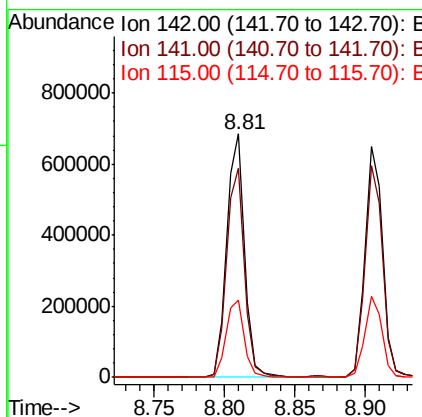
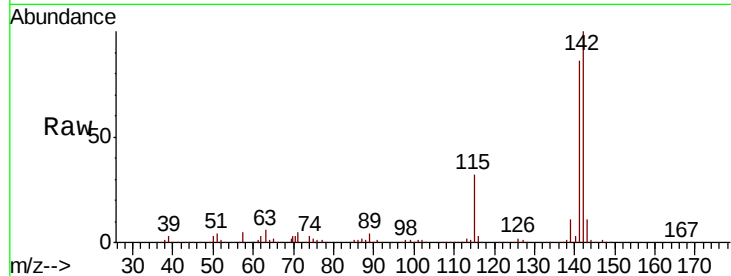
#37
2-Methylnaphthalene
Concen: 43.923 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.0	72.1	108.1
115	31.6	28.0	42.0

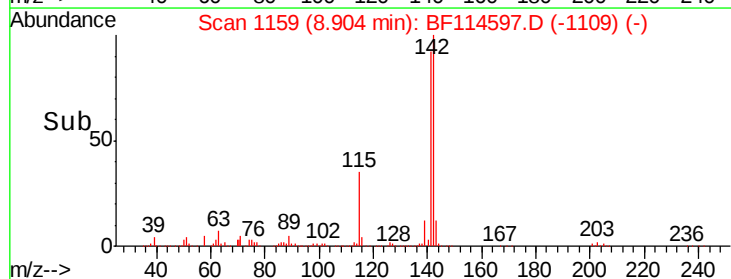
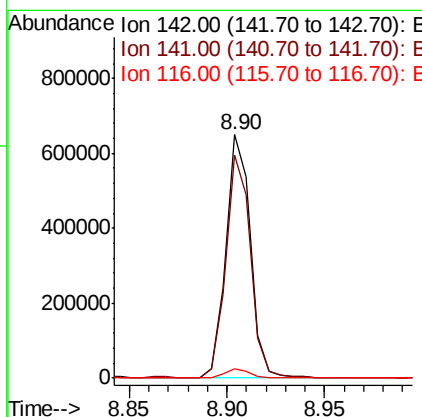
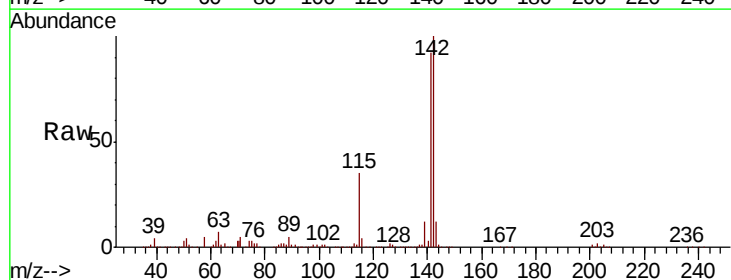
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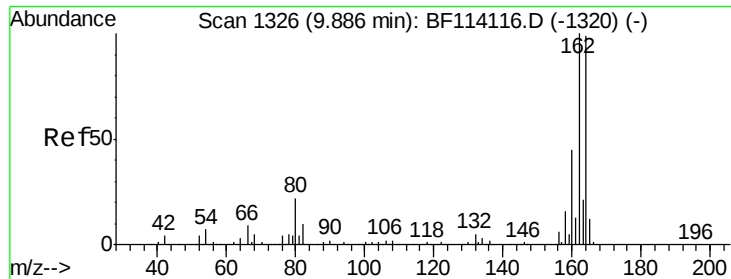
mohammad
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#38
1-Methylnaphthalene
Concen: 43.954 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.0
116	3.9	3.1	4.7





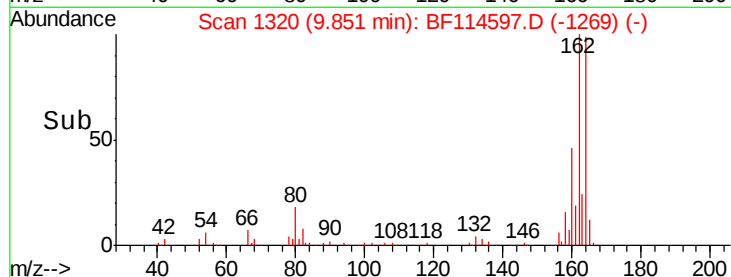
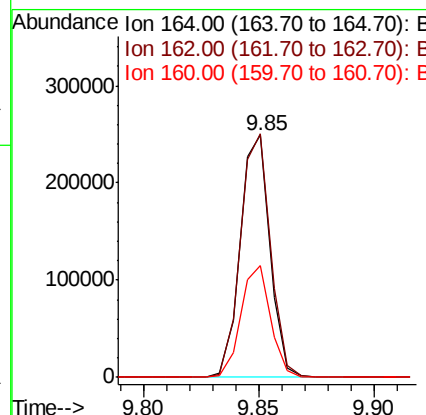
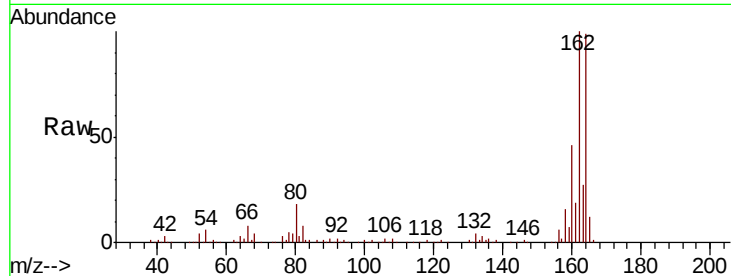
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100	222857		
162	100.7	80.6	120.8	
160	46.0	36.5	54.7	

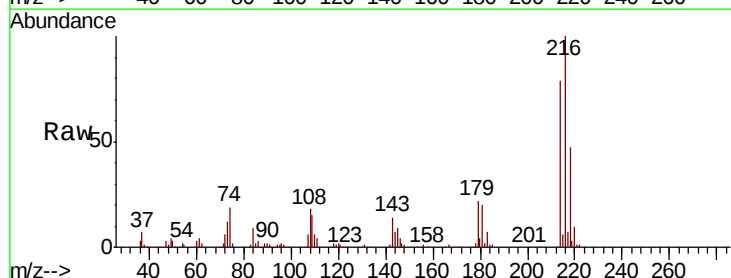
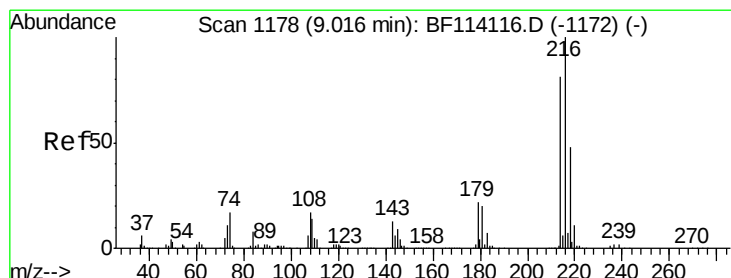
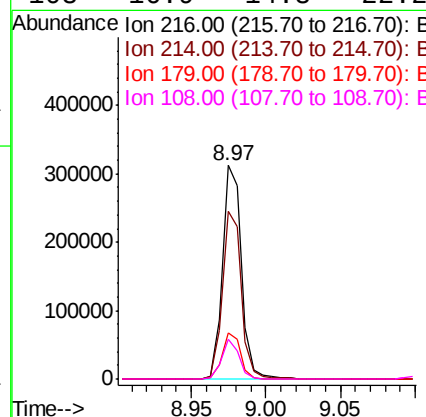
Manual Integrations
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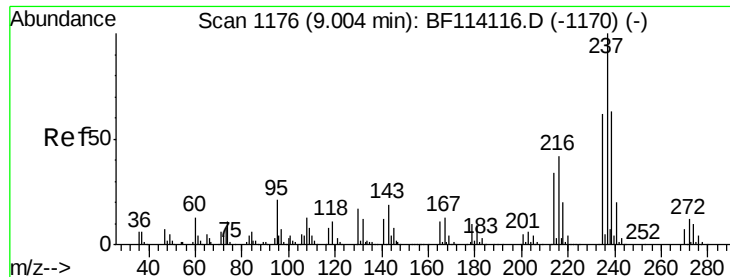
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.250 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	278469		
214	78.7	63.9	95.9	
179	20.9	17.0	25.6	
108	16.9	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 6.891 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

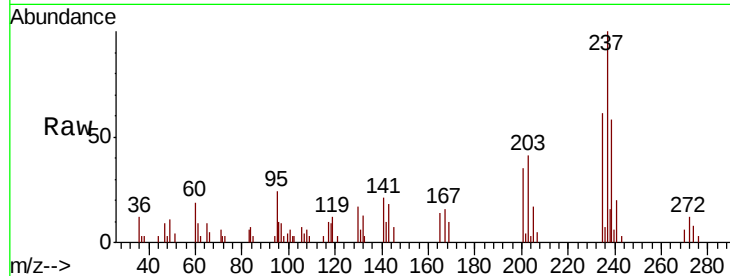
ClientSampleId :

SSTDCCC040

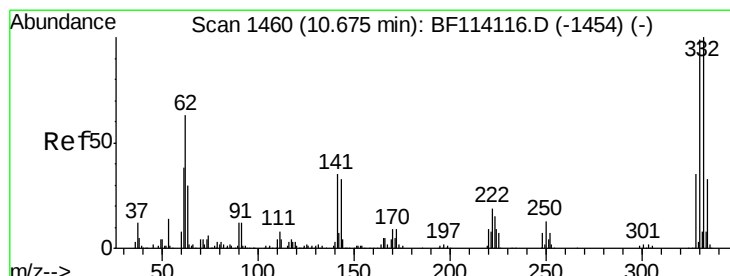
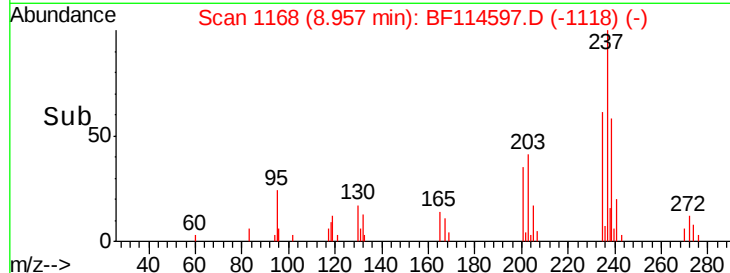
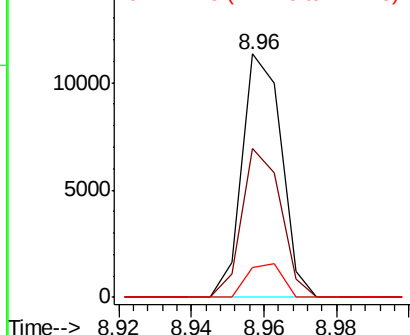
Tot Ion:	237	Resp:	8536
Ion Ratio	Lower	Upper	
237	100		
235	61.4	42.0	82.0
272	12.1	0.0	32.4

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 71.395 ng

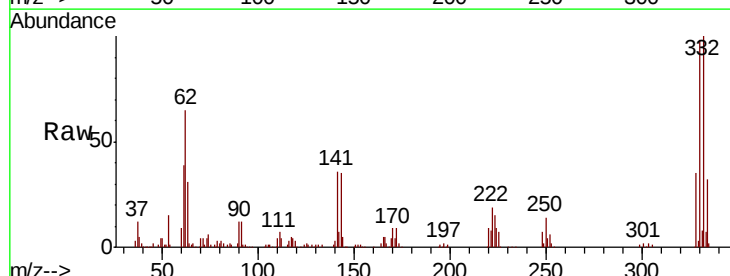
RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

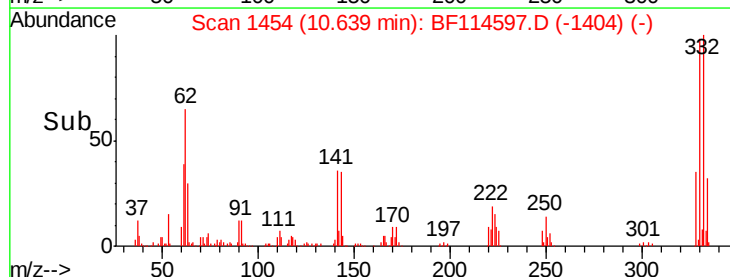
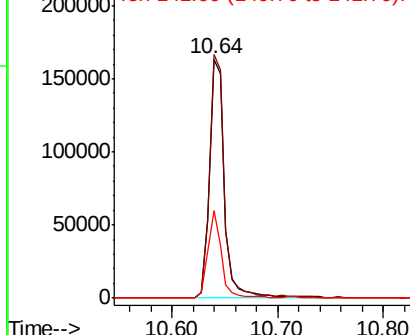
Lab File: BF114597.D

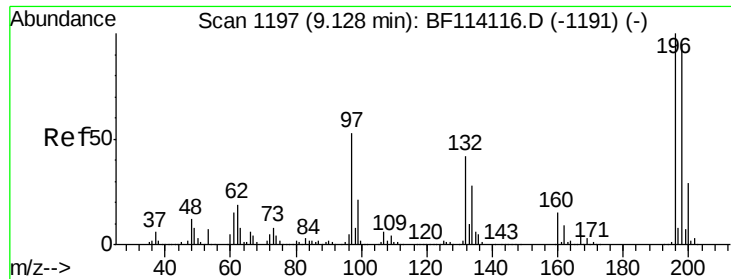
Acq: 25 May 2019 4:26

Tgt Ion:	330	Resp:	164491
Ion Ratio	Lower	Upper	
330	100		
332	101.0	81.4	122.2
141	32.6	26.6	40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





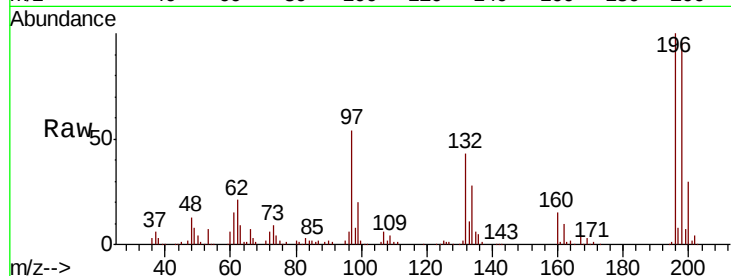
#43
 2,4,6-Trichlorophenol
 Concen: 36.934 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	171502		
198	95.5	75.9	113.9	
200	30.4	23.5	35.3	

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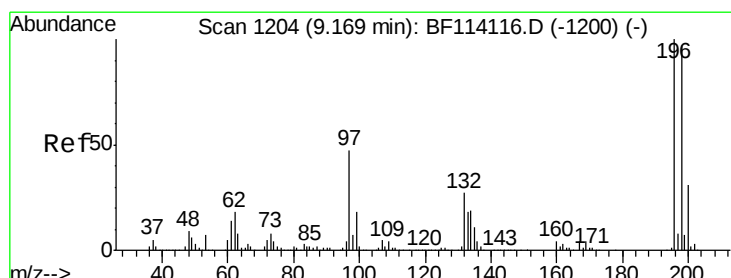
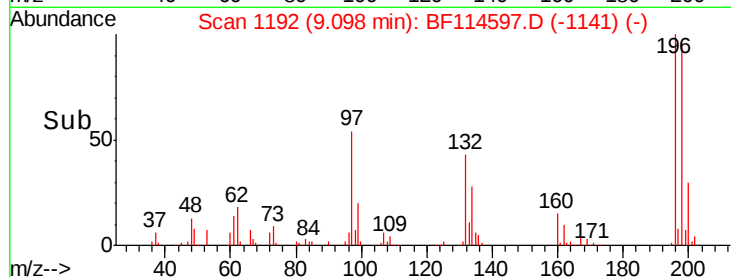
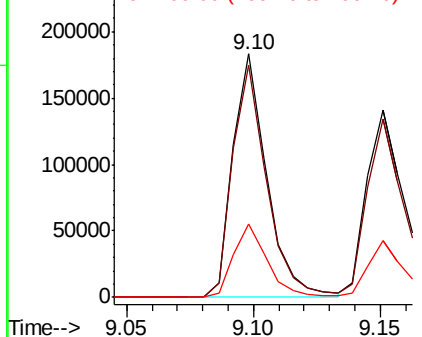


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.352 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168346		
198	95.2	77.7	116.5	
97	49.7	38.2	57.2	
132	28.1	21.4	32.2	

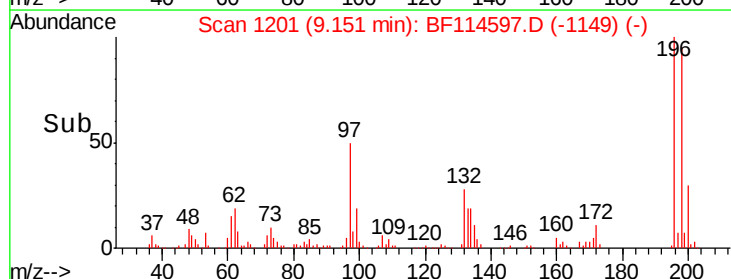
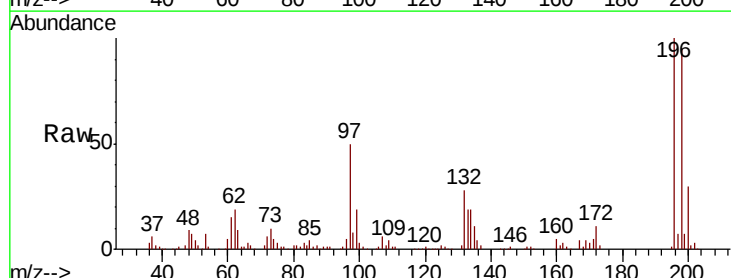
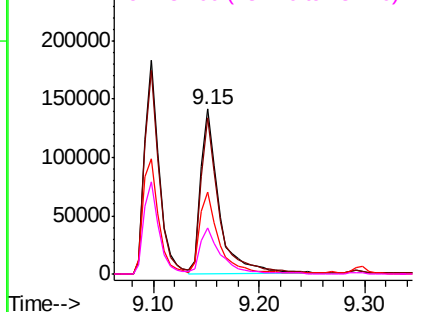
Abundance

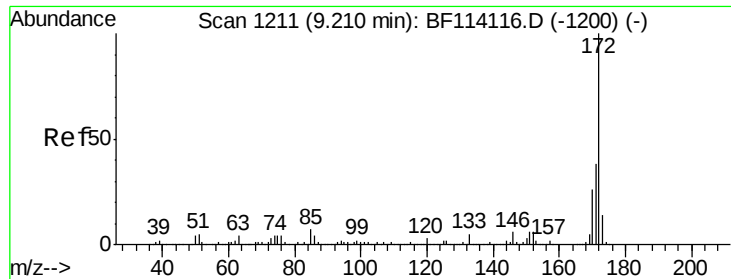
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





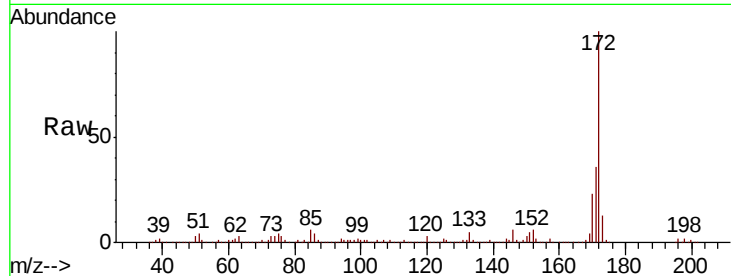
#45
2-Fluorobiphenyl
Concen: 80.363 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.7	46.1
170	23.3	20.5	30.7

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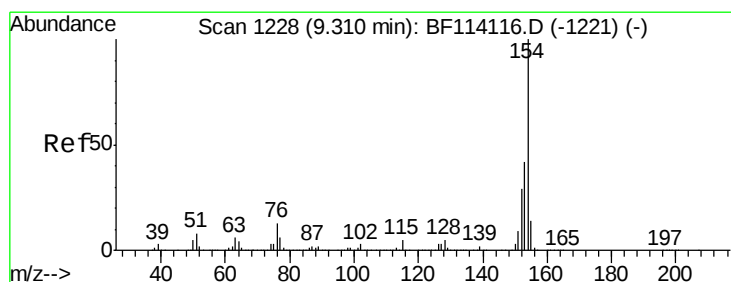
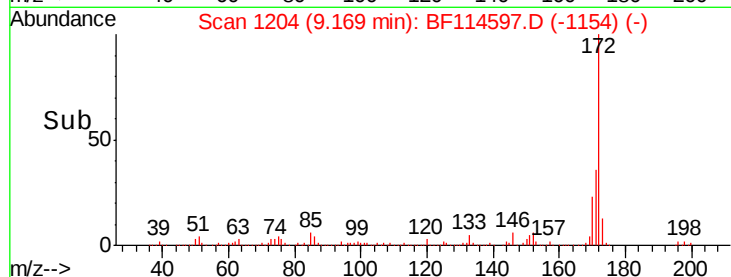
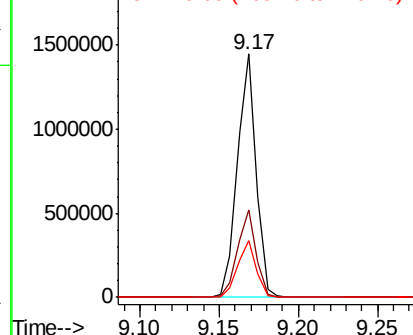


Abundance

Ion 172.00 (171.70 to 172.70): E

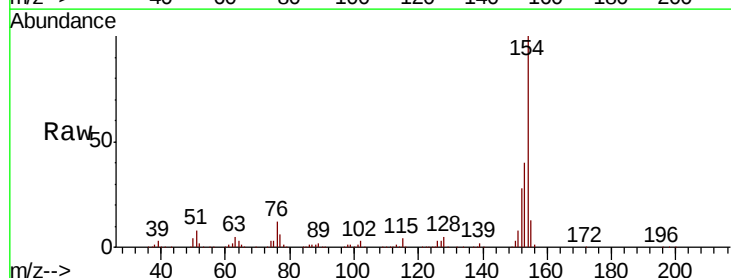
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.010 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.9	61.9
76	12.1	0.0	32.8

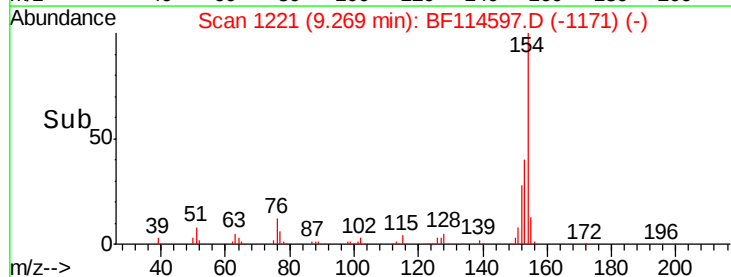
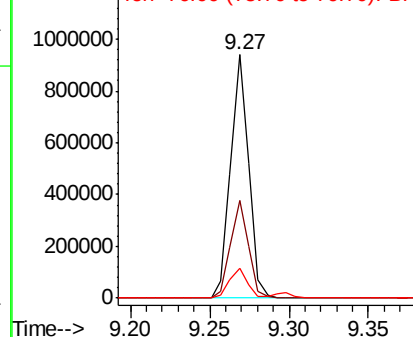


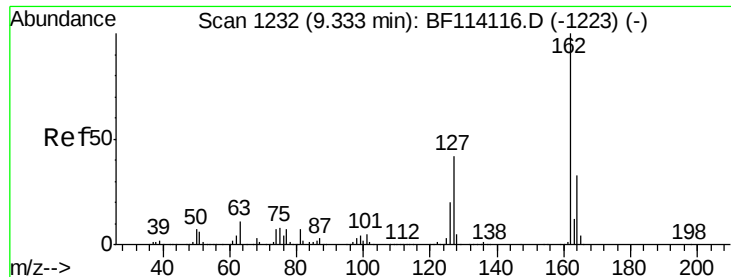
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





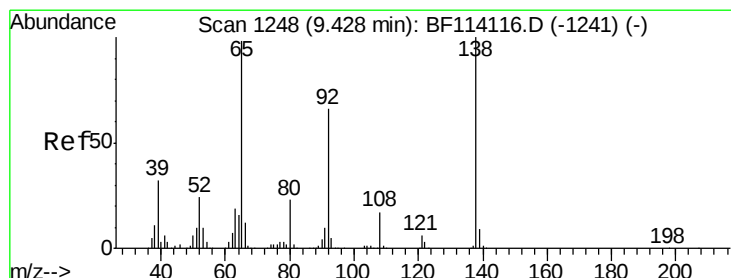
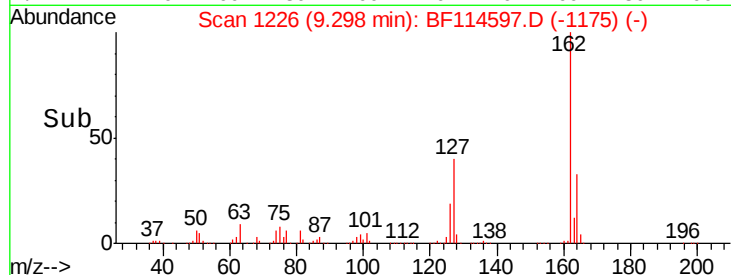
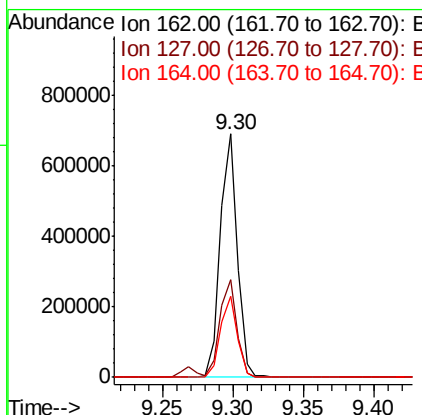
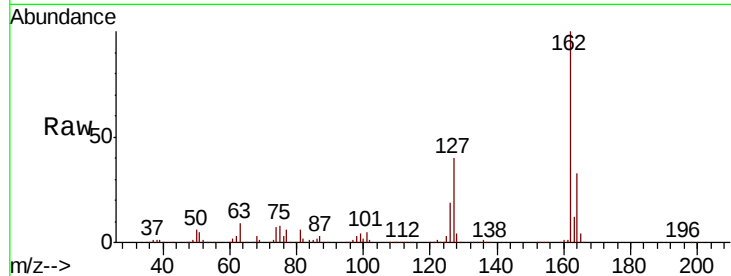
#47
 2-Chloronaphthalene
 Concen: 40.191 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		582338		
127	39.9	34.0	51.0		
164	33.4	26.7	40.1		

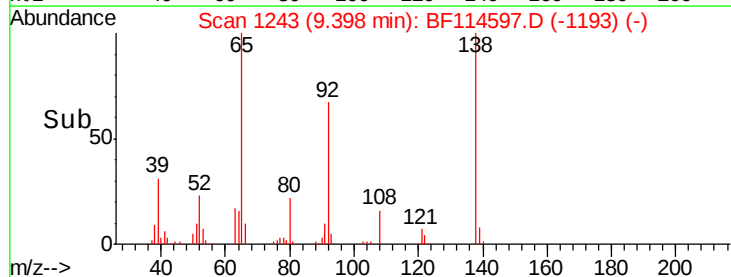
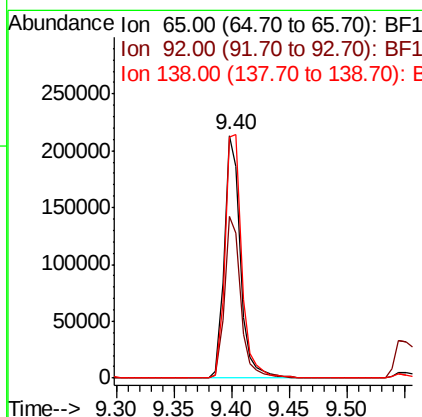
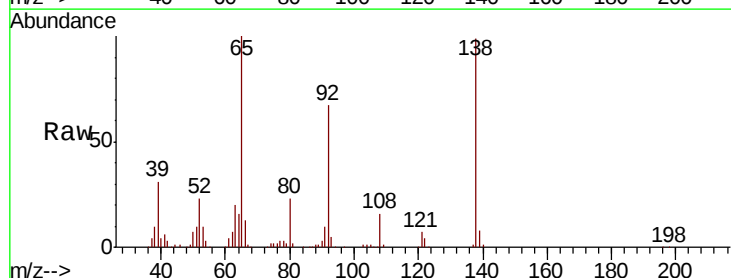
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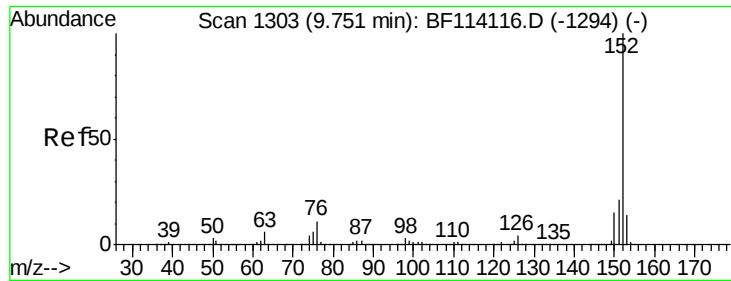
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#48
 2-Nitroaniline
 Concen: 40.365 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		207421		
92	66.7	53.9	80.9		
138	99.4	81.4	122.0		





#49

Acenaphthylene

Concen: 41.272 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

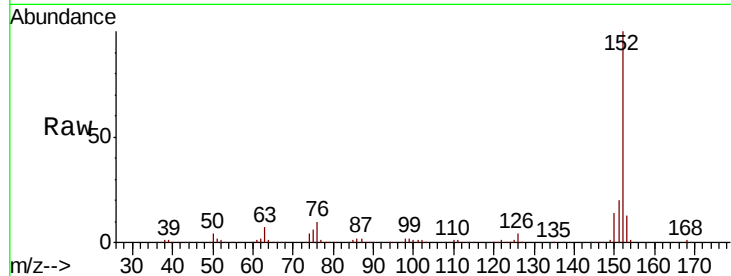
ClientSampleId :

SSTDCCC040

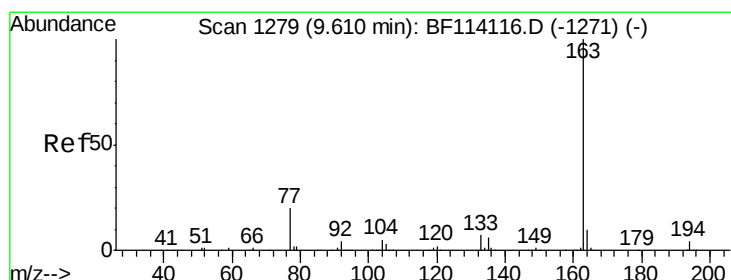
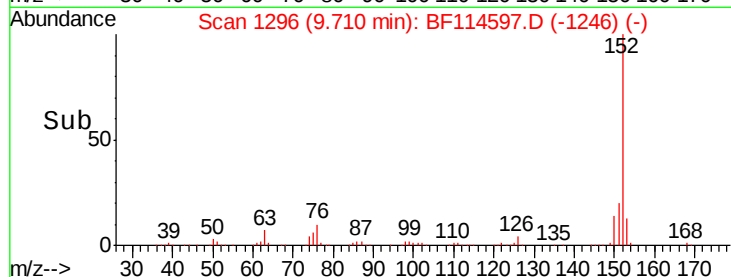
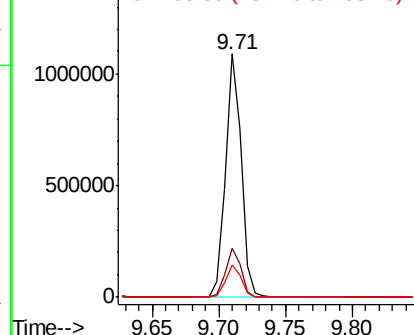
Tot Ion:	152	Resp:	909533
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.8	25.2
153	13.2	11.4	17.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.251 ng

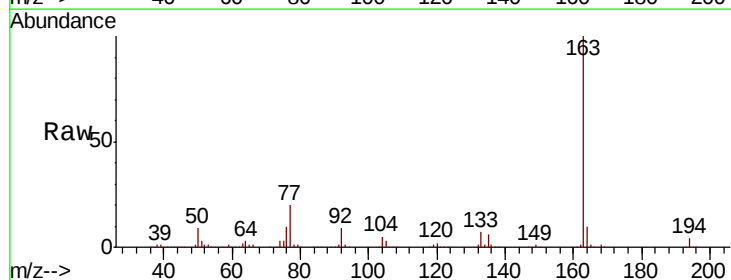
RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

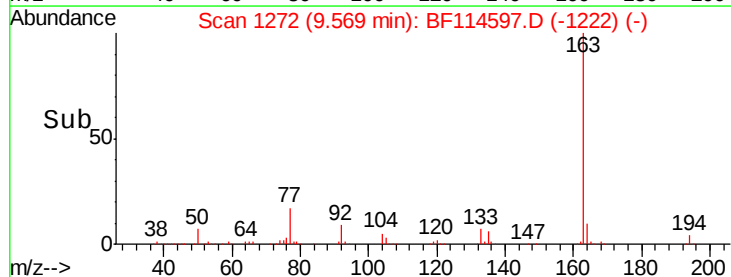
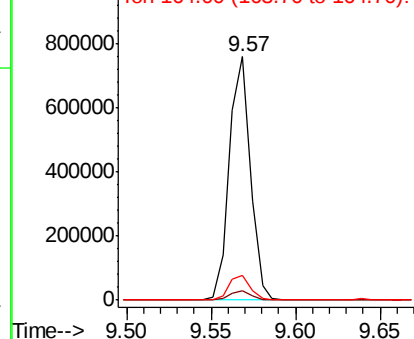
Lab File: BF114597.D

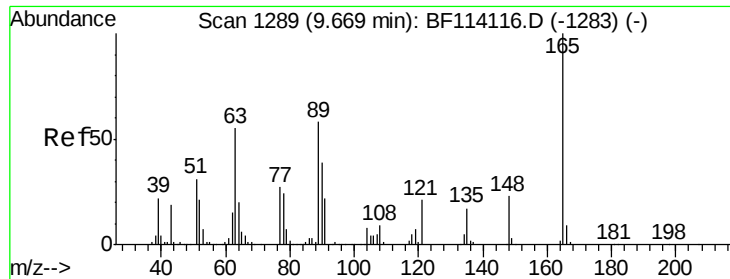
Acq: 25 May 2019 4:26

Tgt Ion:	163	Resp:	658494
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	9.9	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.048 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

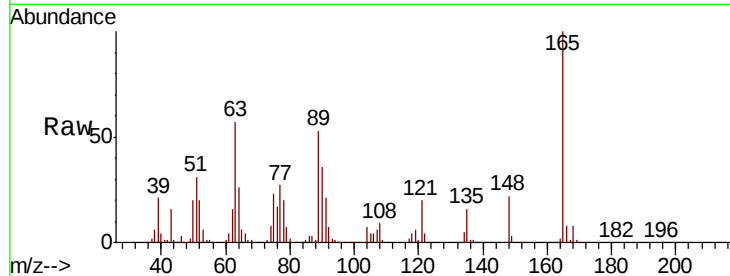
ClientSampled :

SSTDCCC040

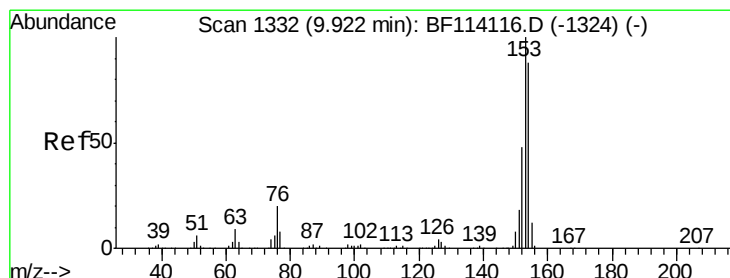
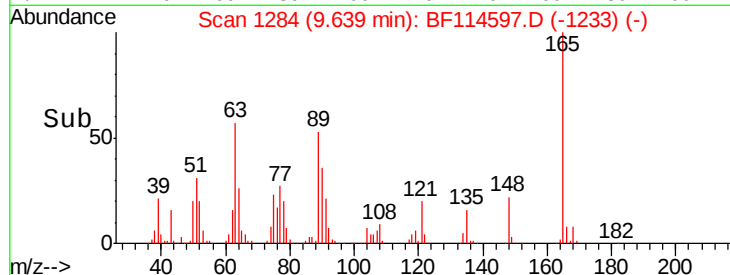
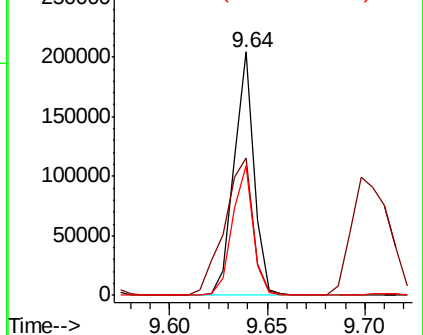
Tot Ion:	165	Resp:	145318
Ion Ratio	Lower	Upper	
165	100		
63	56.7	50.2	75.4
89	53.1	46.6	69.8

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.065 ng

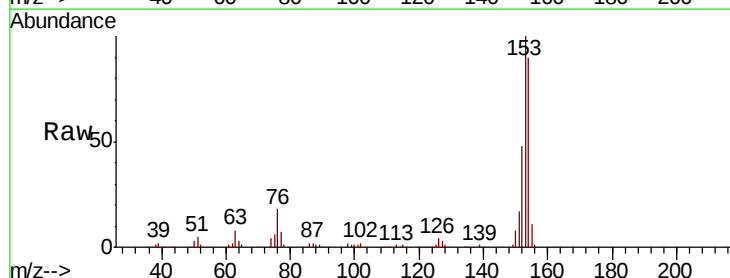
RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

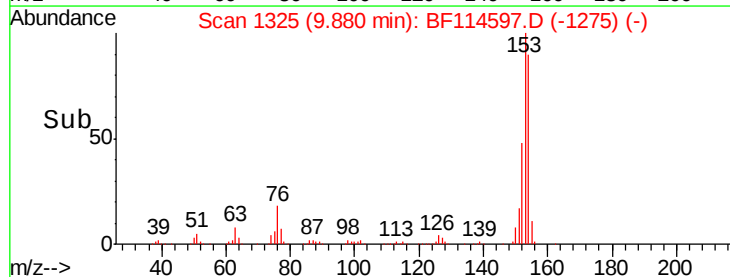
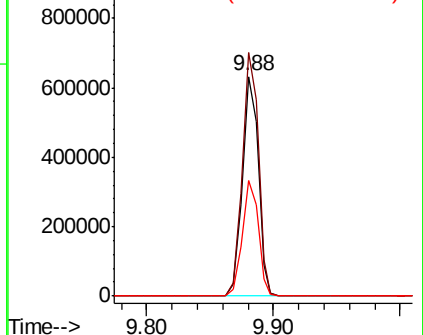
Lab File: BF114597.D

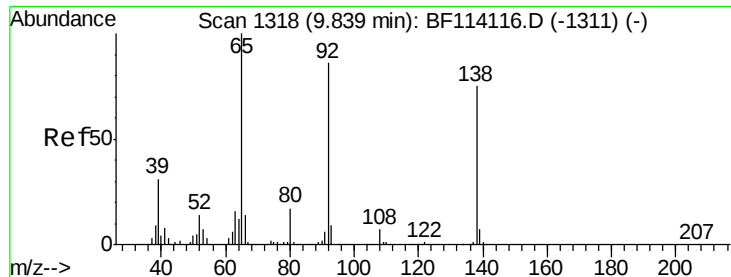
Acq: 25 May 2019 4:26

Tgt Ion:	154	Resp:	541808
Ion Ratio	Lower	Upper	
154	100		
153	110.7	90.5	135.7
152	52.8	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 42.194 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

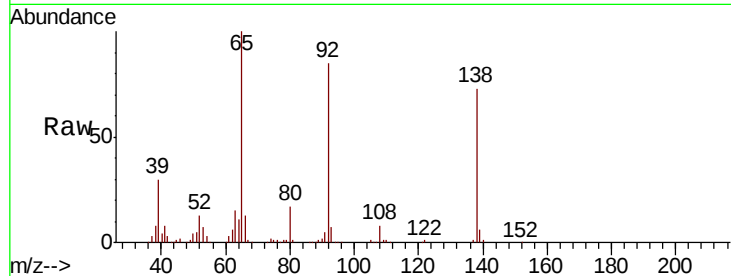
ClientSampleId :

SSTDCCC040

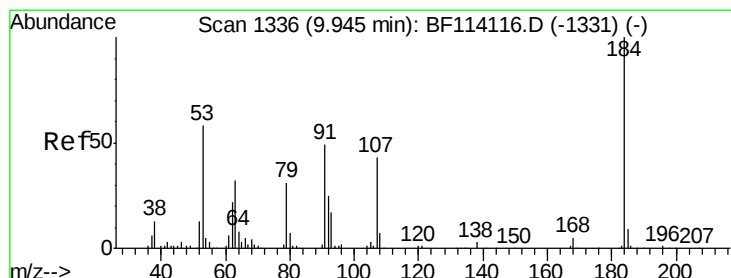
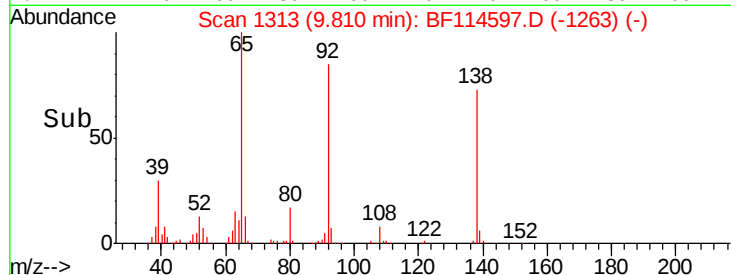
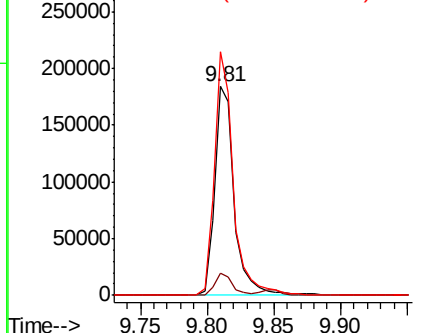
Tot Ion:	138	Resp:	190055
Ion Ratio	Lower	Upper	
138	100		
108	10.6	7.8	11.6
92	116.7	91.2	136.8

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 7.955 ng

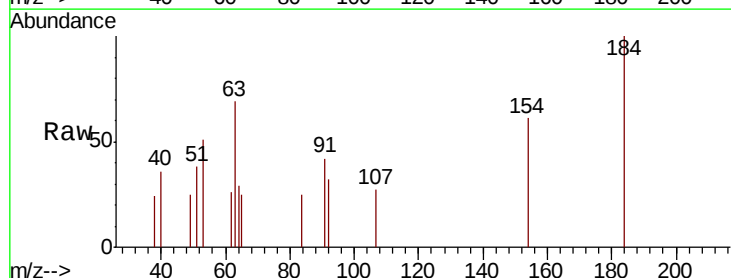
RT: 9.98 min Scan# 1342

Delta R.T. 0.05 min

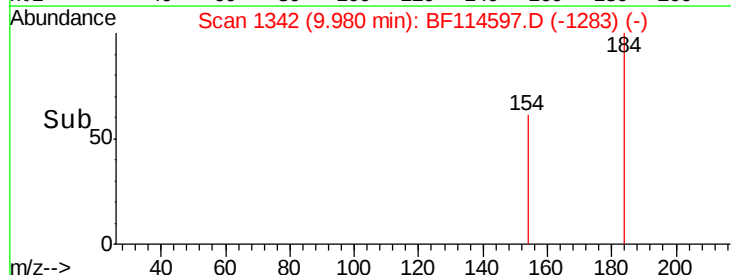
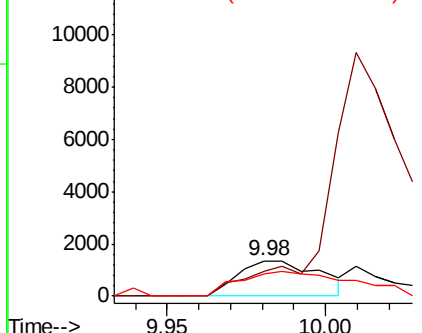
Lab File: BF114597.D

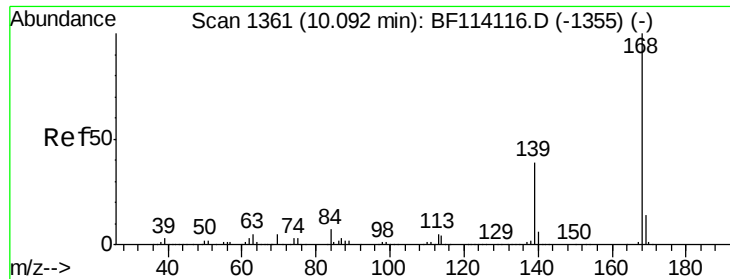
Acq: 25 May 2019 4:26

Tgt Ion:	184	Resp:	2410
Ion Ratio	Lower	Upper	
184	100		
63	68.7	55.6	83.4
154	61.3	46.0	69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.405 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 781385

Ion Ratio Lower Upper

168 100

139 37.2 31.1 46.7

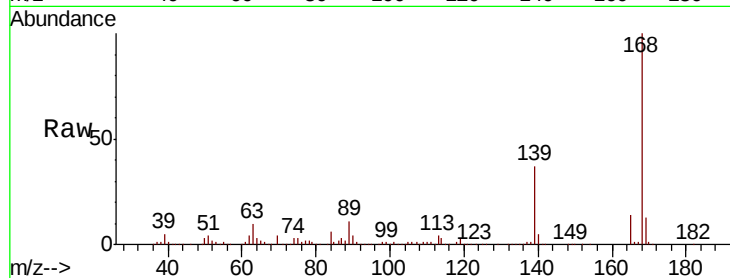
169 13.1 11.4 17.0

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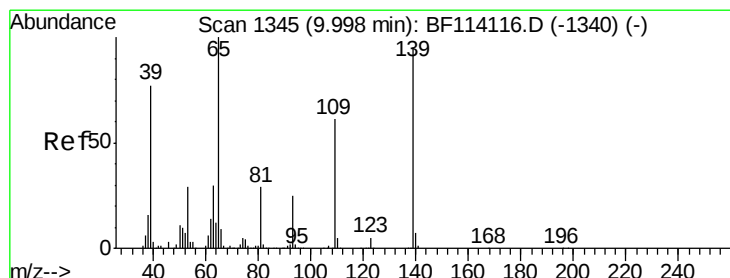
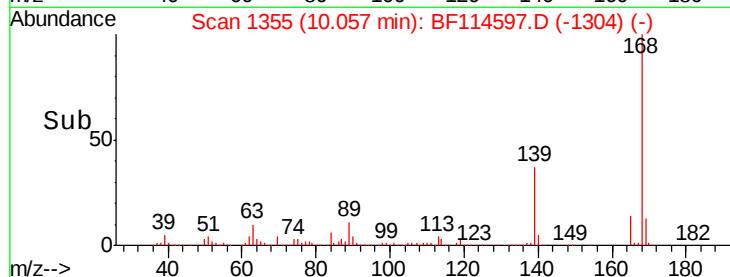
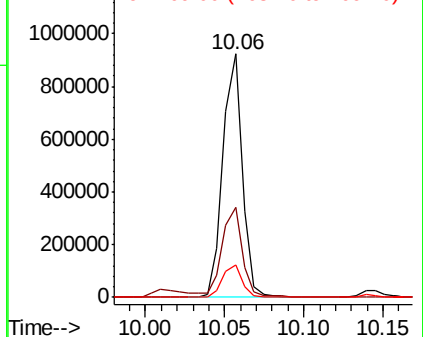


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 14.064 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.02 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

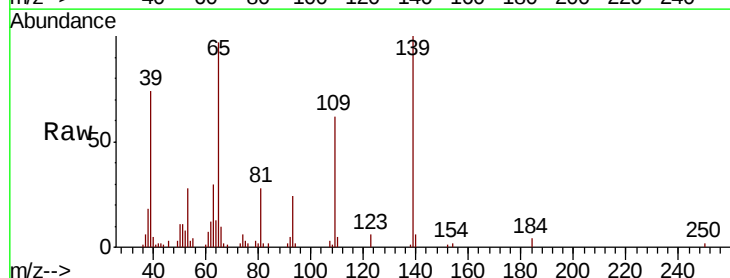
Tgt Ion:139 Resp: 44801

Ion Ratio Lower Upper

139 100

109 61.5 43.9 83.9

65 97.1 85.7 125.7

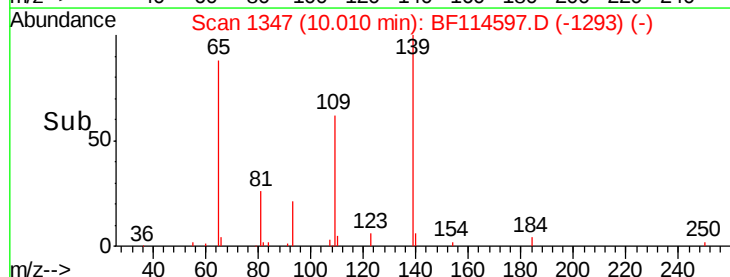
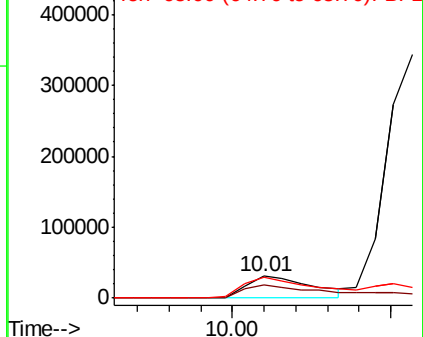


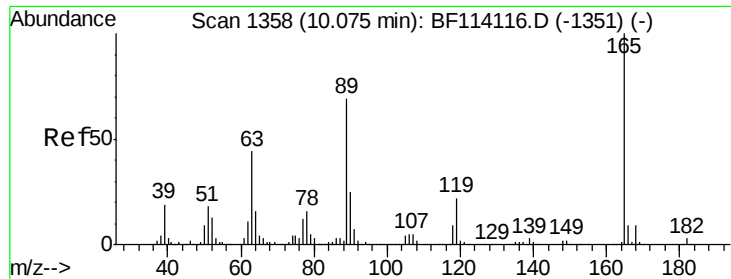
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





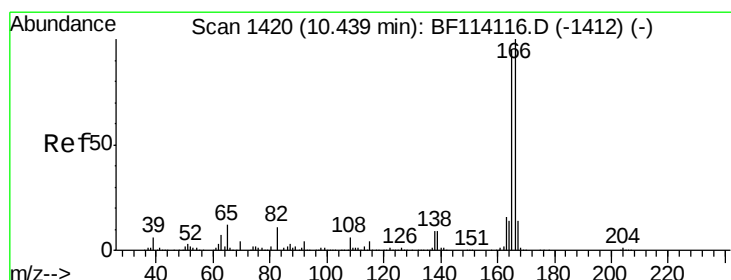
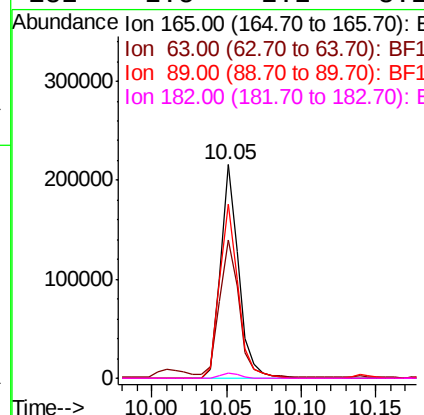
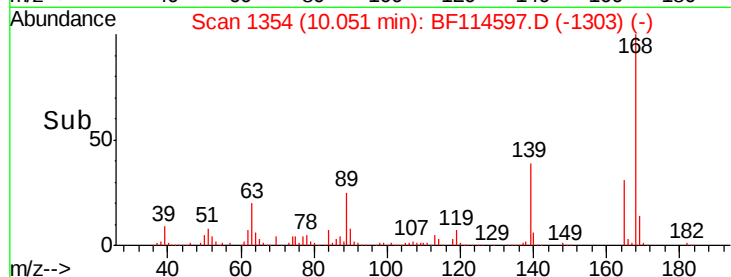
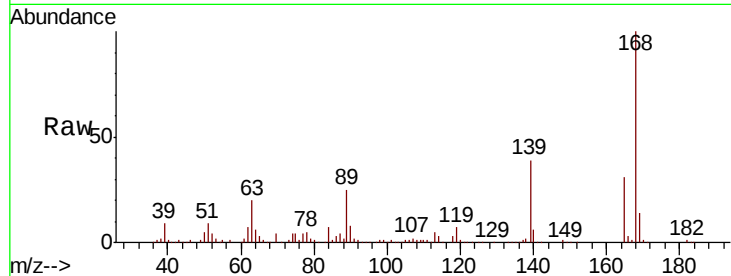
#57
2,4-Dinitrotoluene
Concen: 37.330 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	65.0	35.5	53.3#
89	81.6	55.2	82.8
182	2.5	2.2	3.2

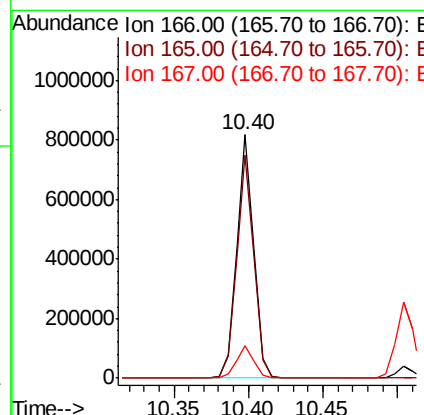
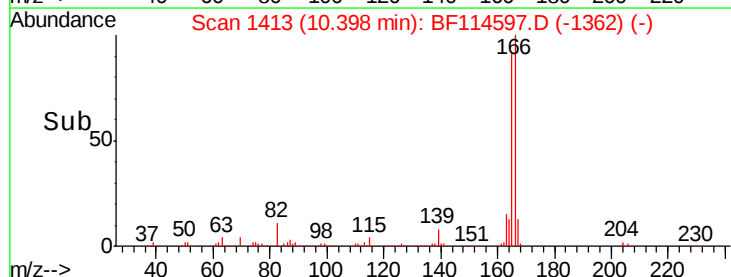
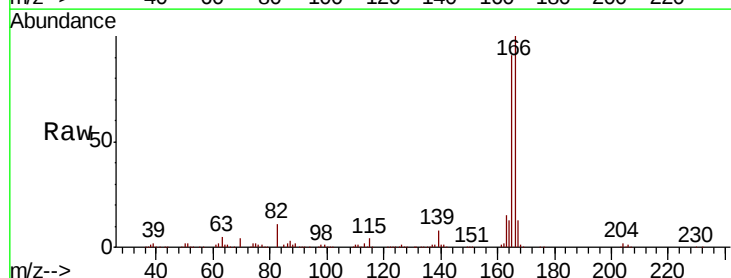
Manual Integrations
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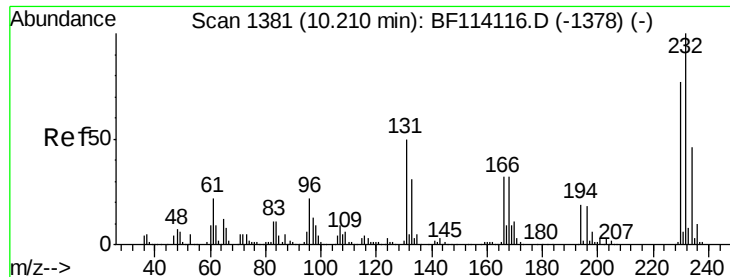
mohammad
5/27/2019 3:52:48 AM



#58
Fluorene
Concen: 43.140 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	91.4	76.1	114.1
167	13.1	11.1	16.7





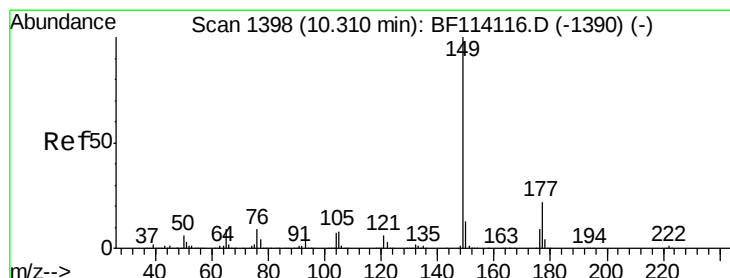
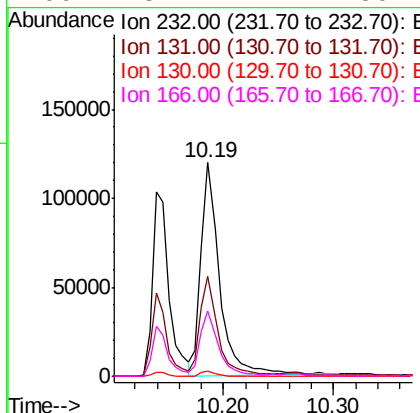
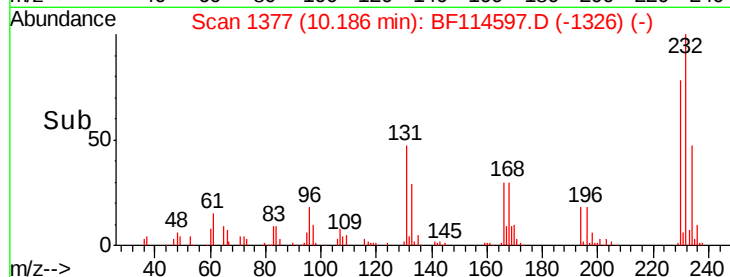
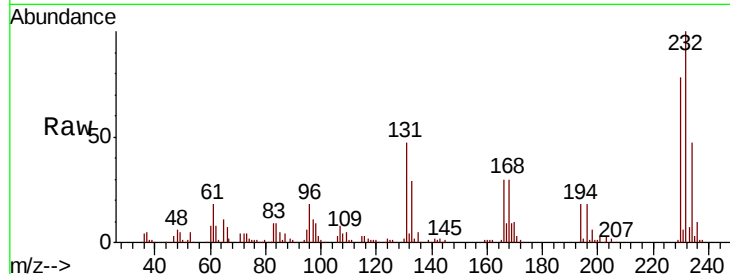
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.537 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		137801		
131	42.7	35.6	53.4		
130	1.8	1.6	2.4		
166	28.2	24.1	36.1		

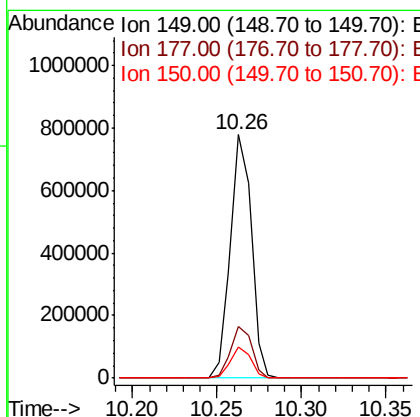
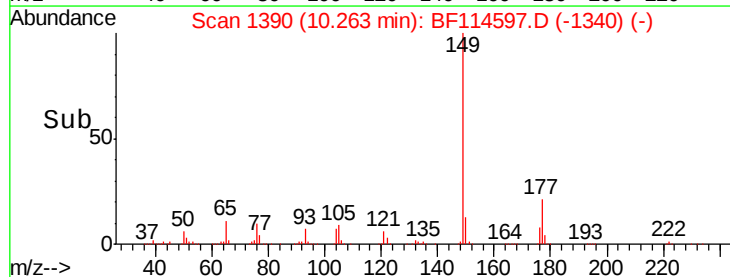
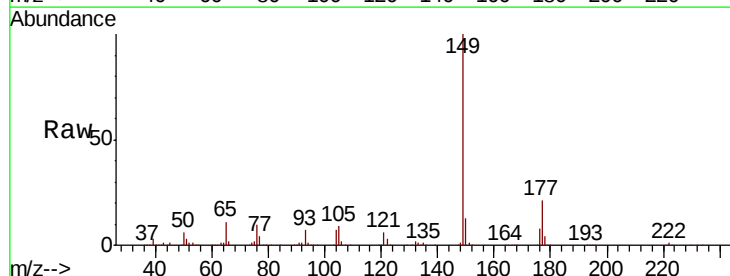
Manual Integrations
 APPROVED

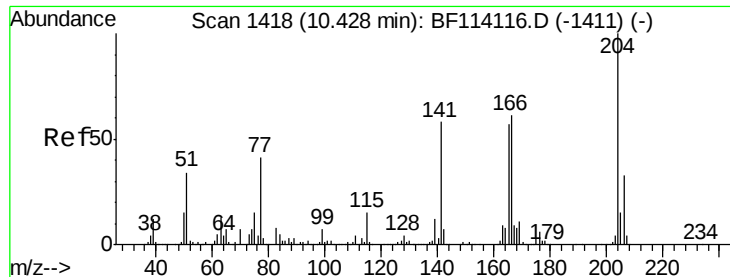
mohammad
 5/27/2019 3:52:48 AM



#60
 Diethylphthalate
 Concen: 40.712 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		676732		
177	21.0	17.8	26.6		
150	12.6	10.2	15.2		





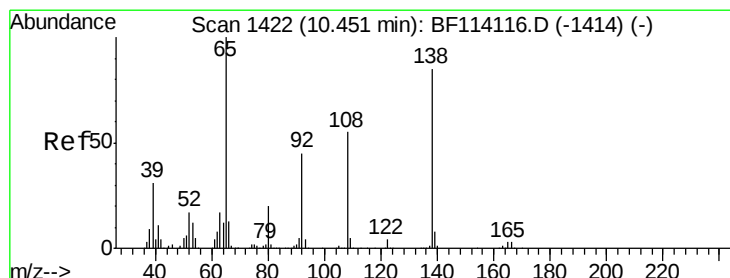
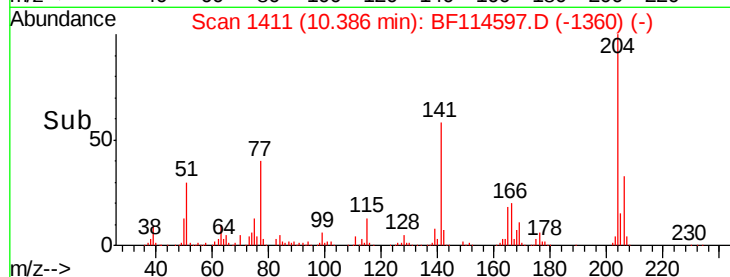
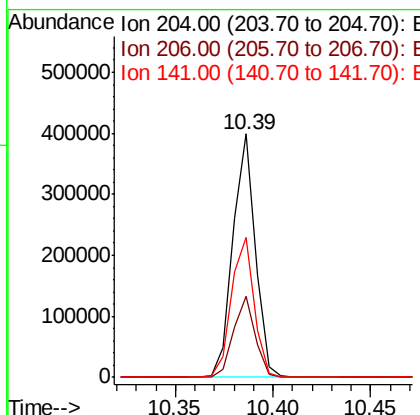
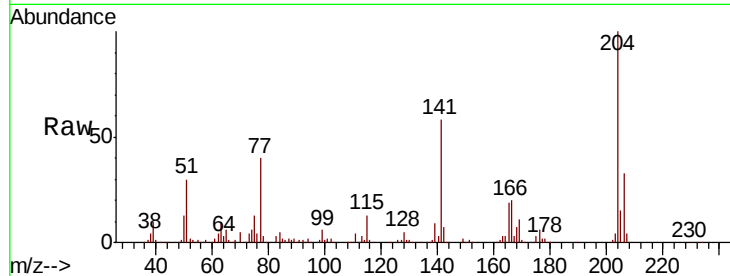
#61
4-Chlorophenyl-phenylether
Concen: 42.189 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100	317375		
206	33.2	26.6	39.8	
141	57.5	46.4	69.6	

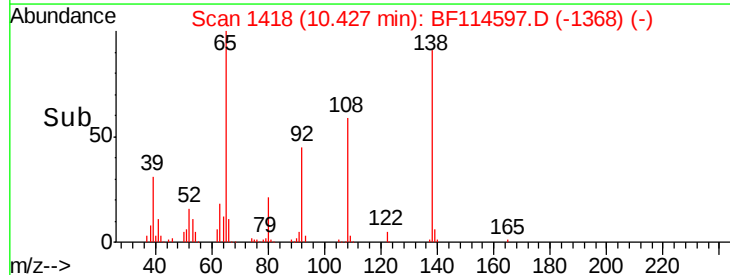
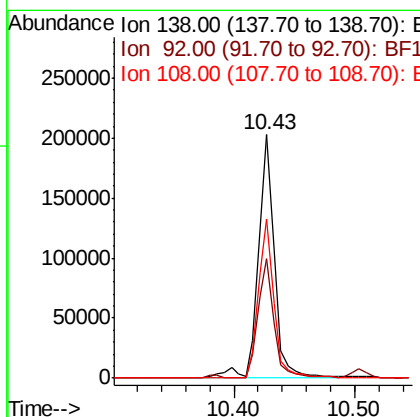
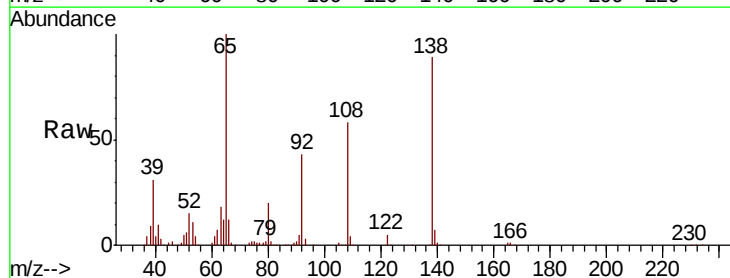
Manual Integrations
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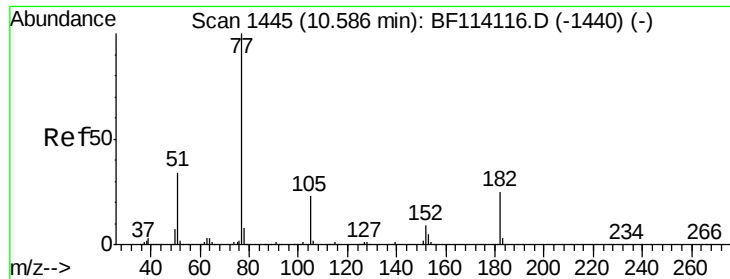
mohammad
5/27/2019 3:52:48 AM



#62
4-Nitroaniline
Concen: 40.406 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	191252		
92	49.1	33.0	73.0	
108	65.5	44.9	84.9	





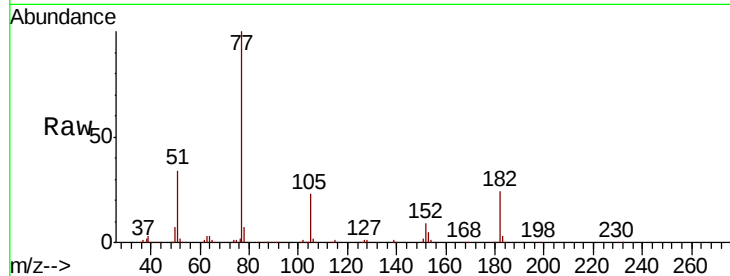
#63
Azobenzene
Concen: 39.334 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.3	4.7	44.7	
105	22.8	2.9	42.9	
51	34.1	14.6	54.6	

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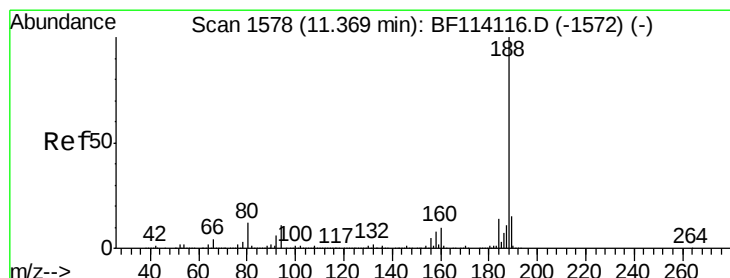
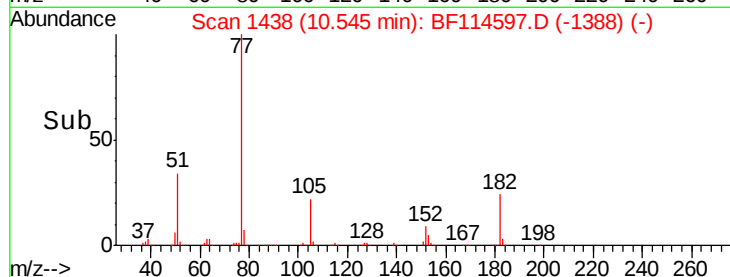
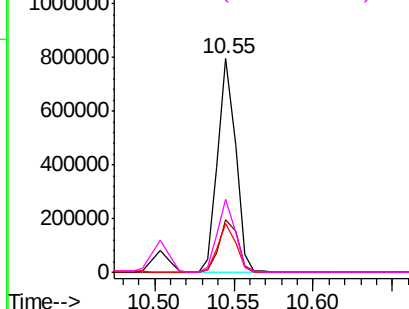
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

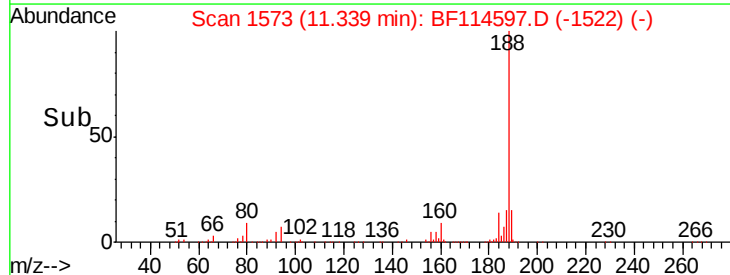
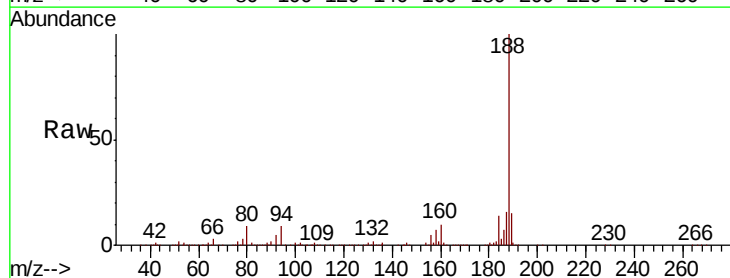
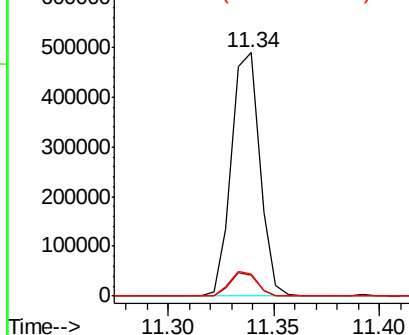
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	8.4	12.6	
80	8.9	9.2	13.8#	

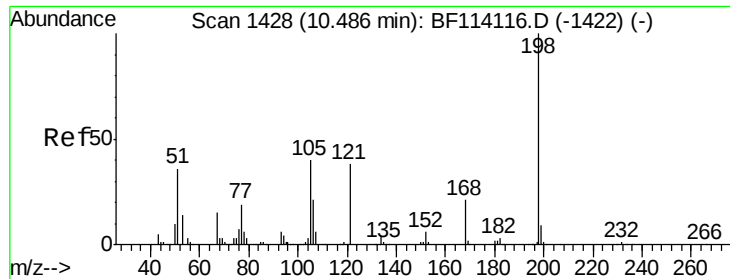
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





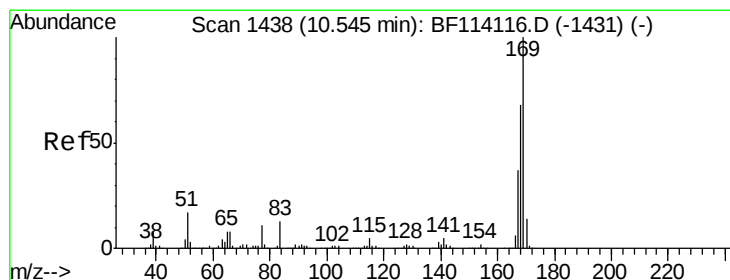
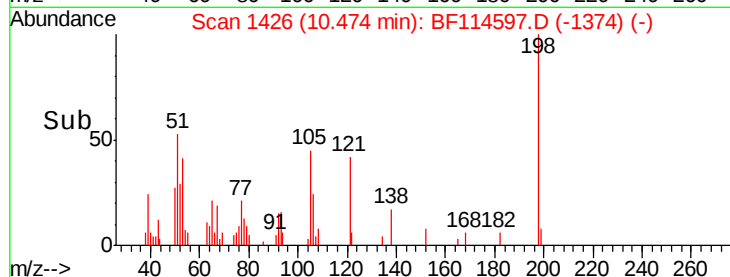
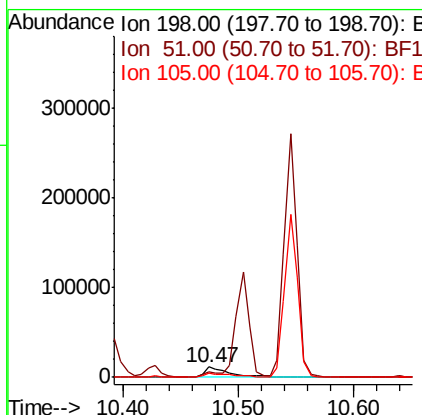
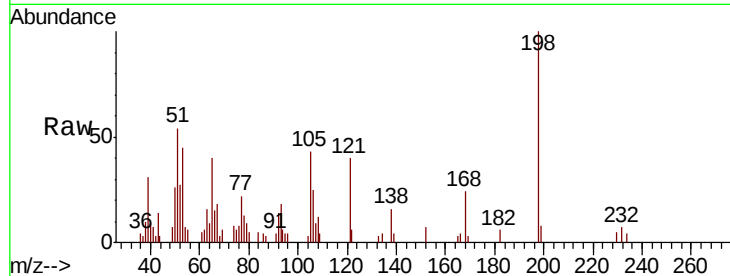
#65
4,6-Dinitro-2-methylphenol
Concen: 8.256 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	18109		
51	54.3	28.0	68.0	
105	43.1	21.1	61.1	

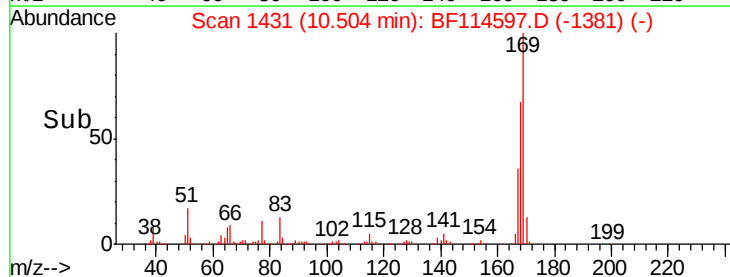
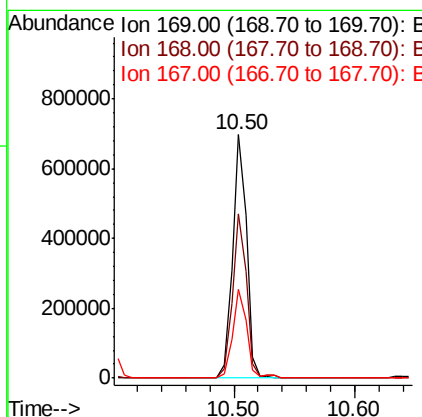
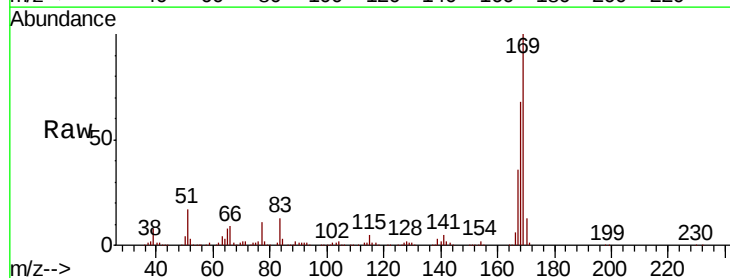
Manual Integrations
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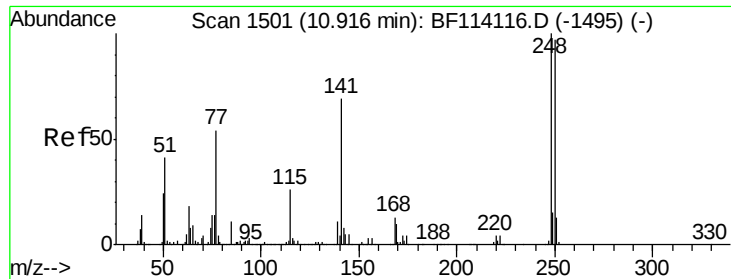
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 40.527 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	561462		
168	67.7	54.2	81.2	
167	36.5	29.8	44.8	





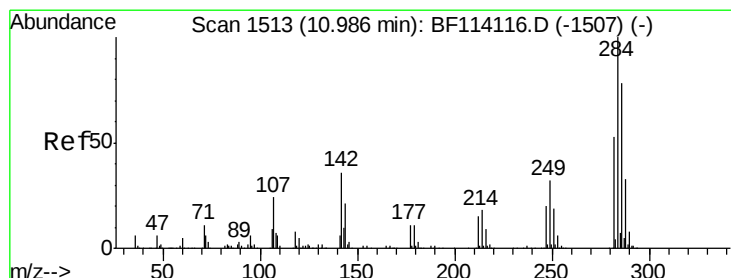
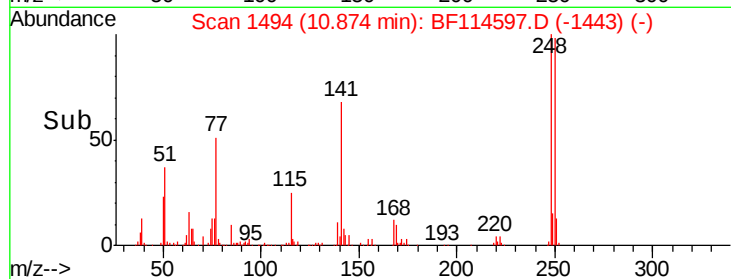
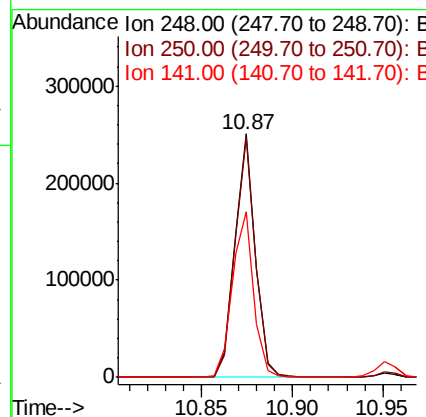
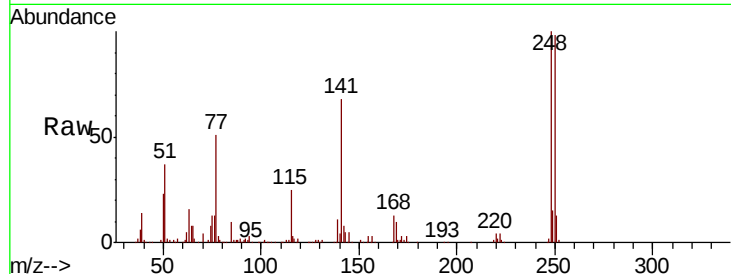
#67
4-Bromophenyl-phenylether
Concen: 39.288 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.4	116.2
141	68.1	55.6	83.4

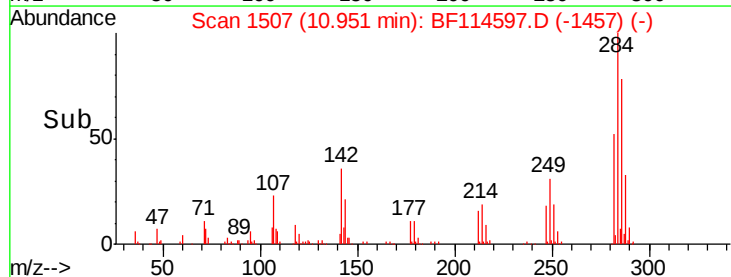
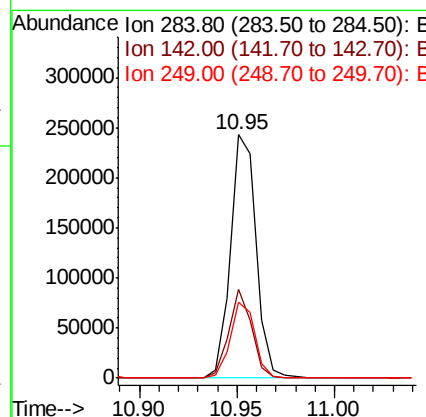
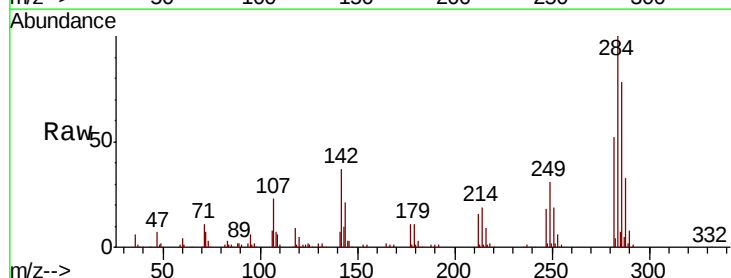
Manual Integrations
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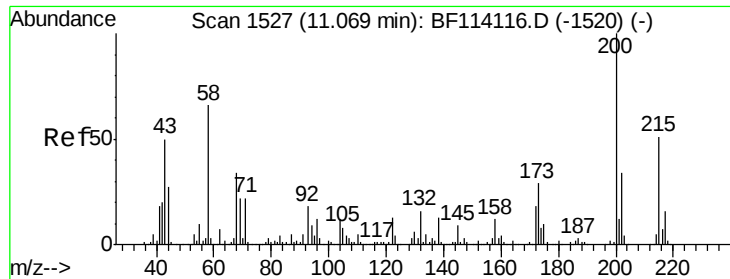
mohammad
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#68
Hexachlorobenzene
Concen: 39.681 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.7	28.4	42.6
249	31.0	25.2	37.8





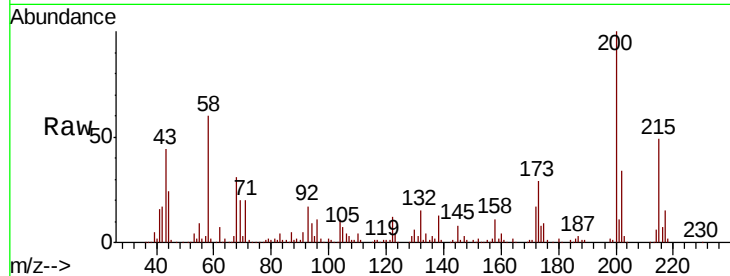
#69
Atrazine
Concen: 40.218 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.6	8.9	48.9
215	49.0	30.7	70.7

Manual Integrations
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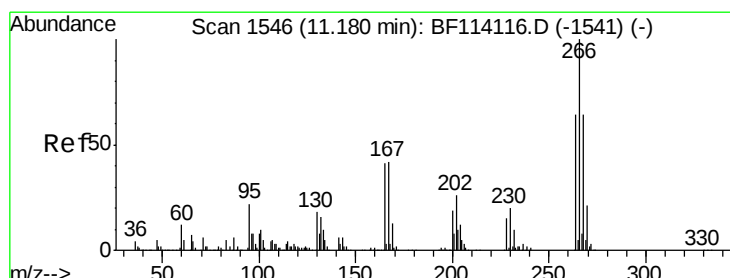
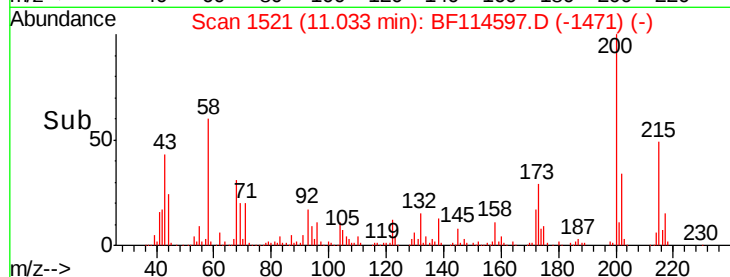
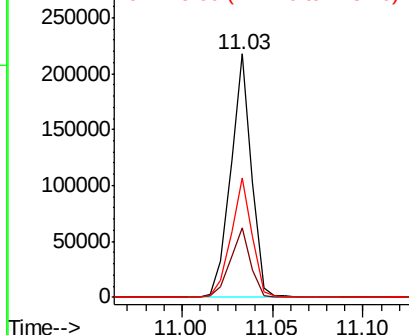


Abundance

Ion 200.00 (199.70 to 200.70): E

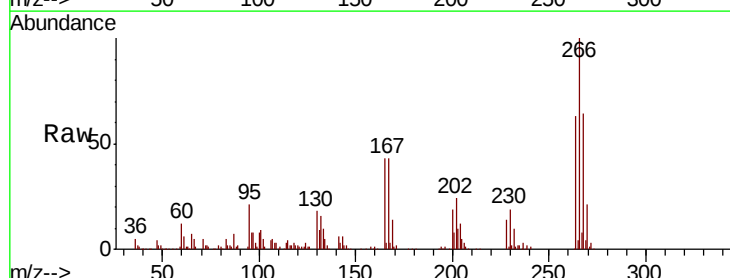
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 63.139 ng m
RT: 11.16 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.1	51.1	76.7
264	62.7	51.1	76.7

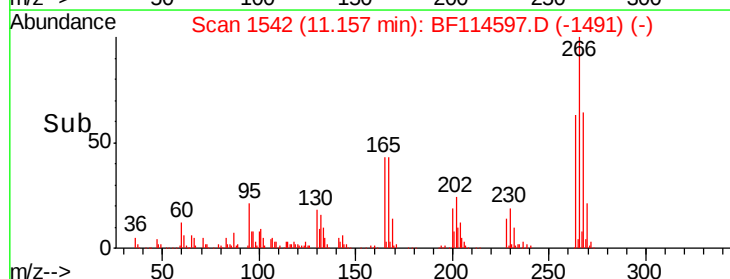
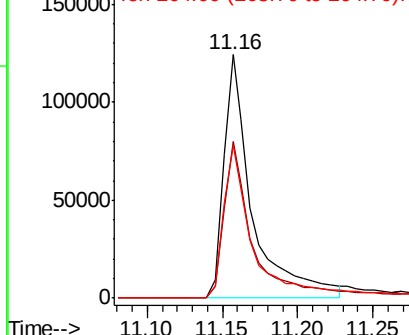


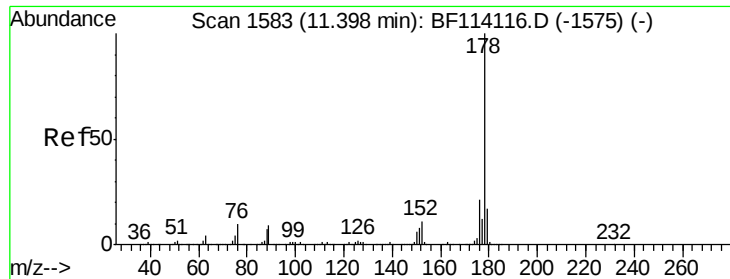
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.757 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

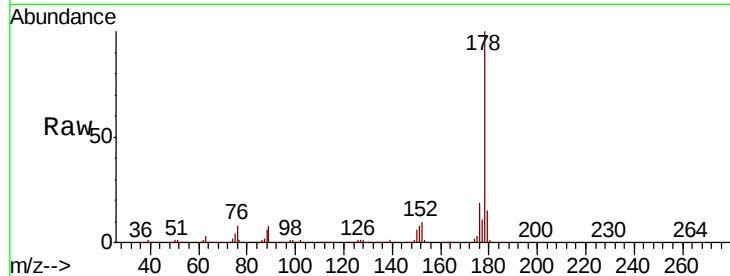
ClientSampled :

SSTDCCC040

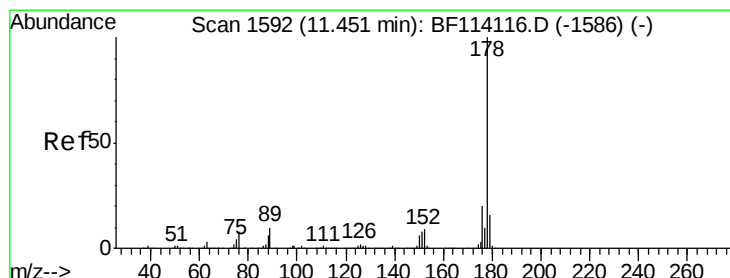
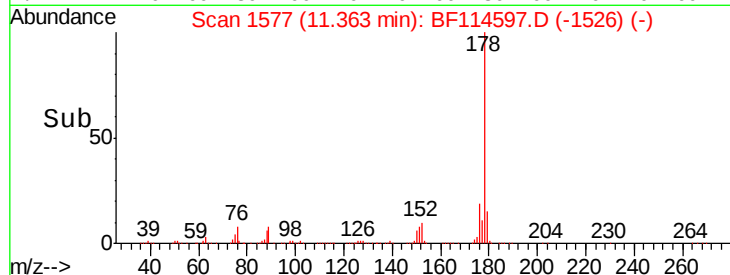
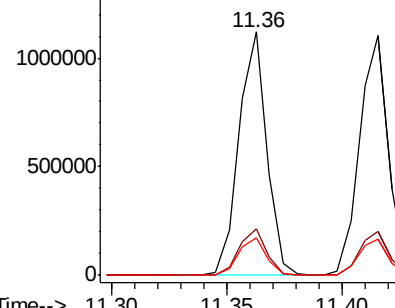
Tot Ion:178	Resp:	949549
Ion Ratio	Lower	Upper
178	100	
176	19.2	16.4 24.6
179	15.2	13.2 19.8

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.561 ng

RT: 11.42 min Scan# 1586

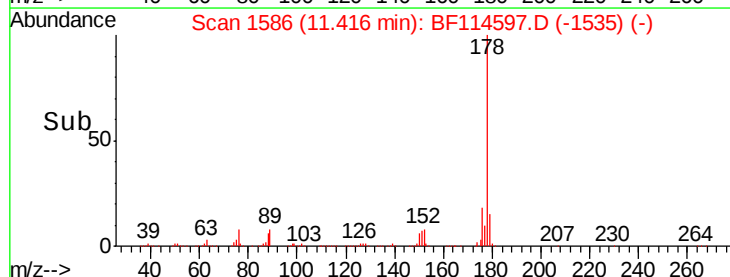
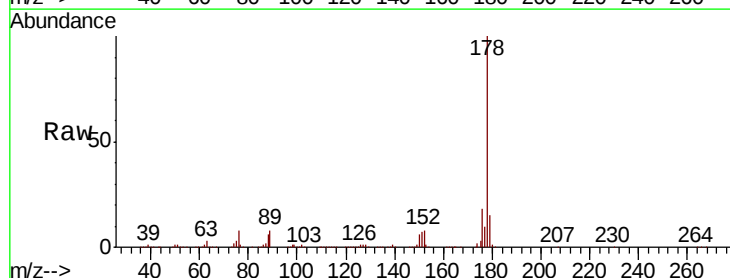
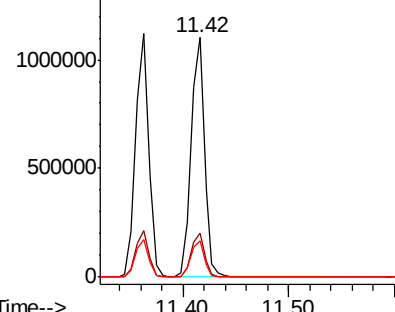
Delta R.T. -0.00 min

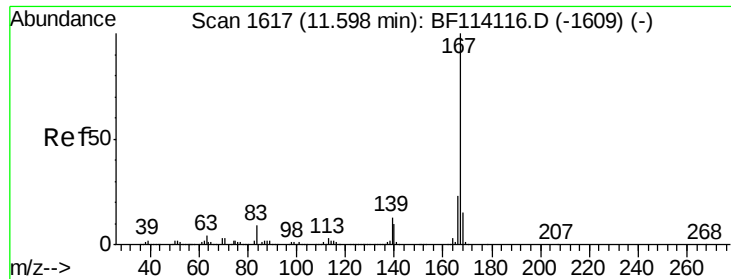
Lab File: BF114597.D

Acq: 25 May 2019 4:26

Tgt Ion:178	Resp:	971672
Ion Ratio	Lower	Upper
178	100	
176	18.2	15.8 23.8
179	15.3	13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





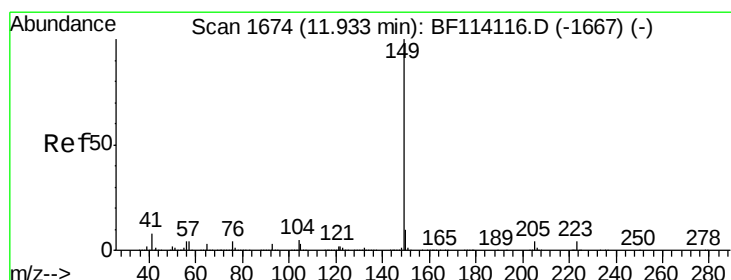
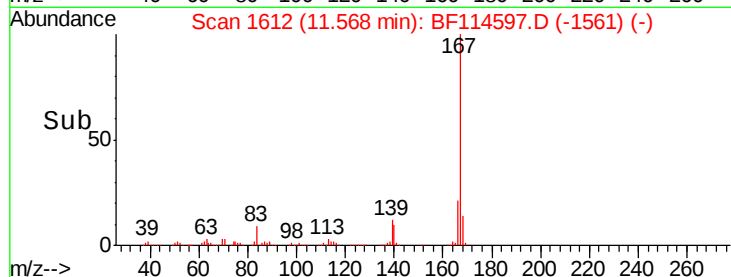
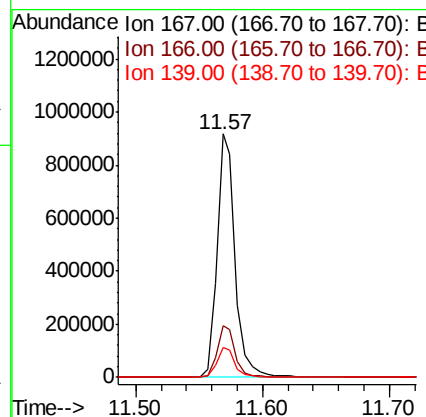
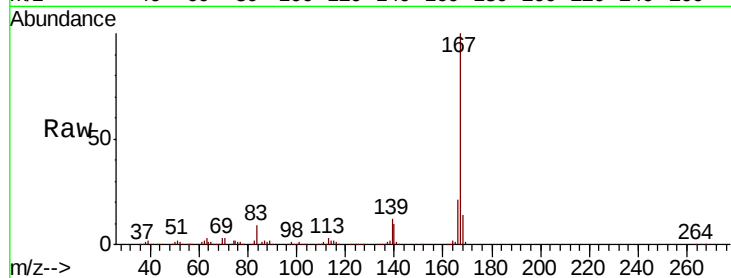
#73
 Carbazole
 Concen: 43.396 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.2	27.2
139	12.5	10.6	16.0

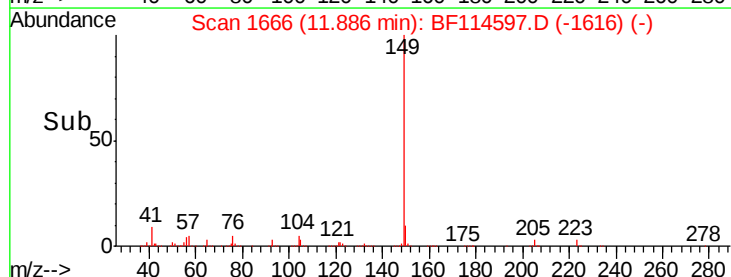
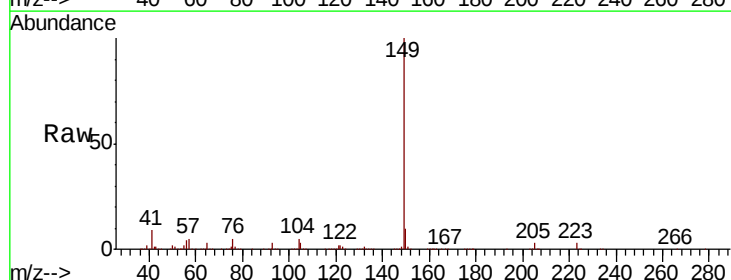
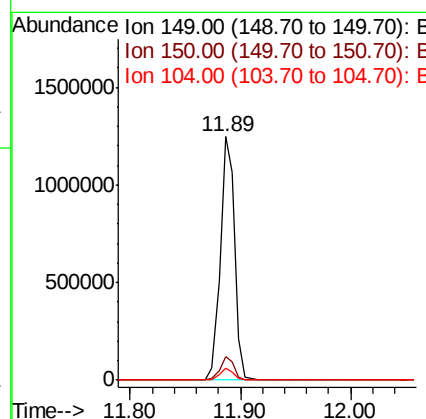
Manual Integrations
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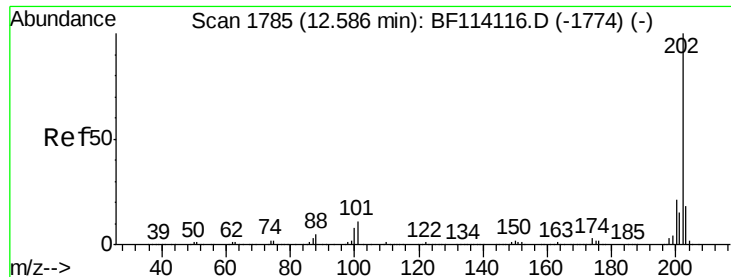
mohammad
 5/27/2019 3:52:48 AM



#74
 Di-n-butylphthalate
 Concen: 45.164 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.6	3.6	5.4





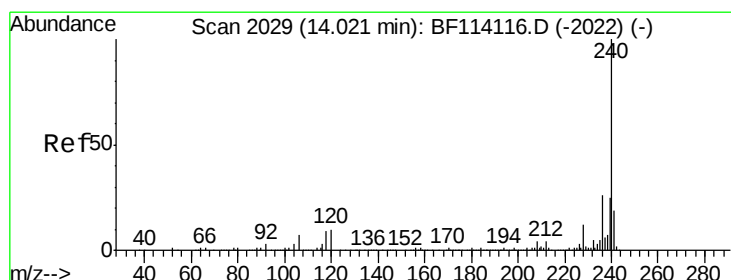
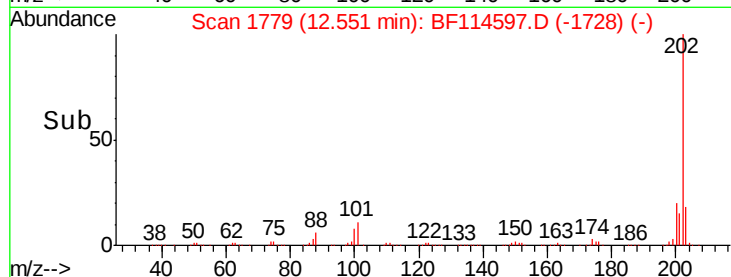
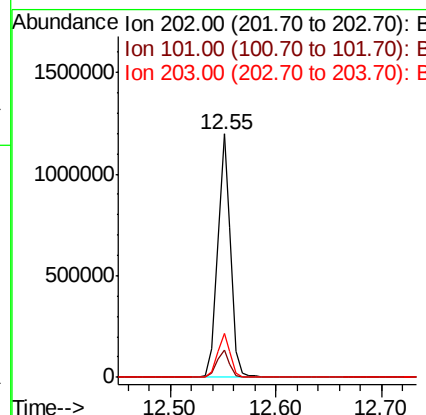
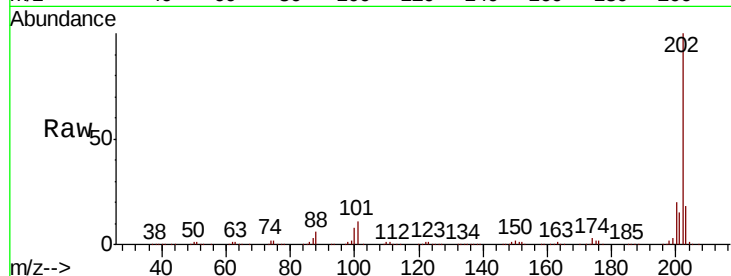
#75
Fluoranthene
Concen: 43.437 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.0
203	18.2	0.0	38.4

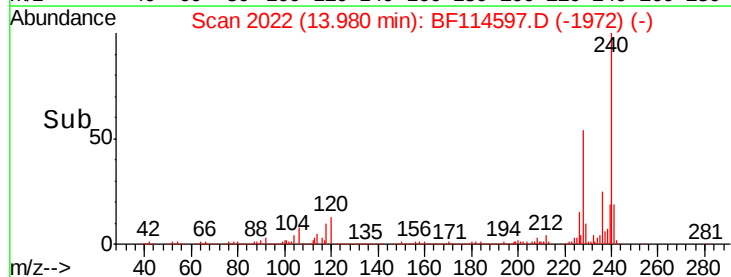
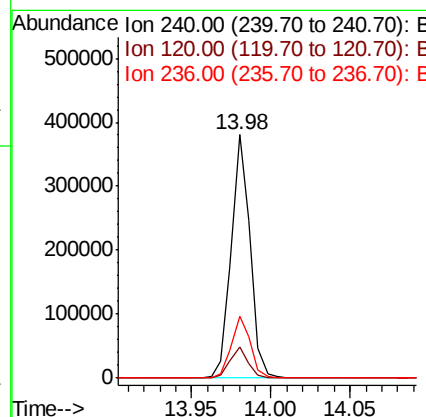
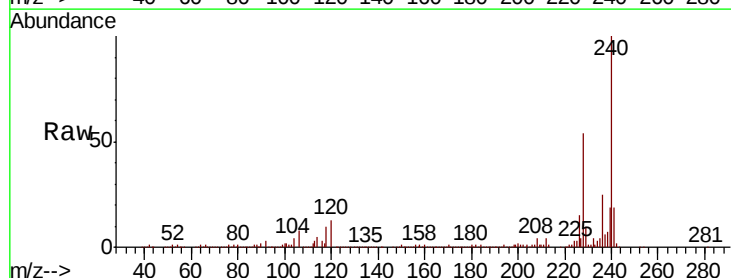
Manual Integrations
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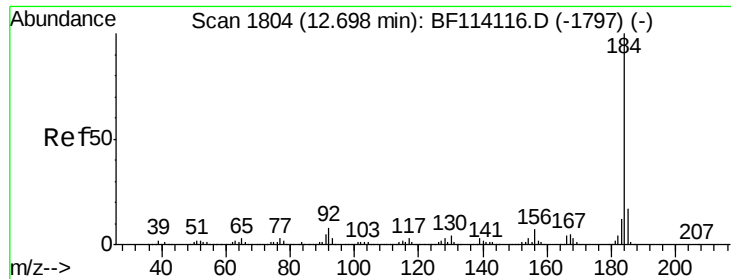
mohammad
5/27/2019 3:52:48 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.3	12.5#
236	25.4	20.8	31.2





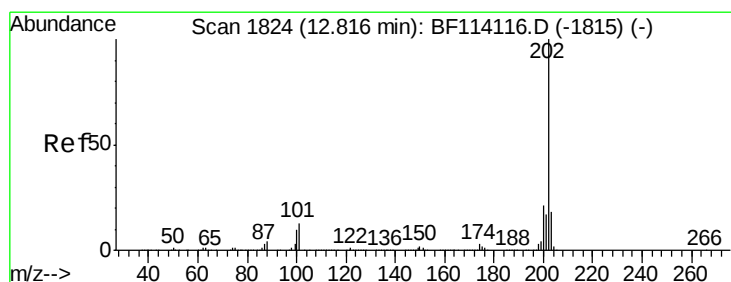
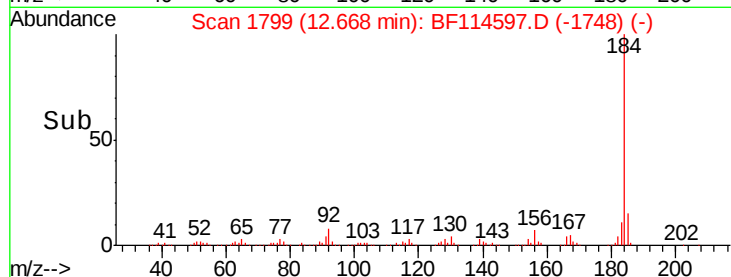
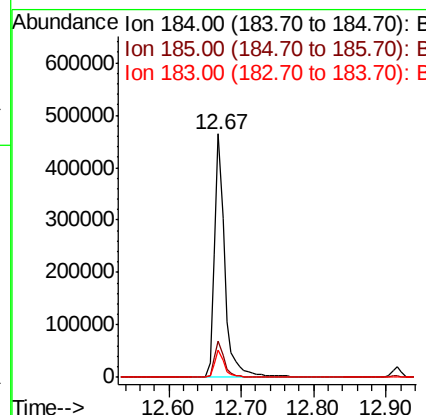
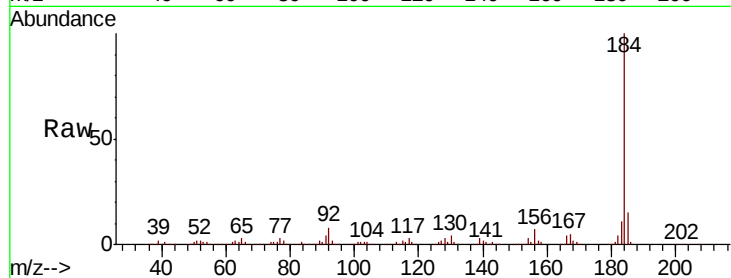
#77
Benzidine
Concen: 33.031 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	15.0	13.6	20.4		
183	11.2	9.2	13.8		

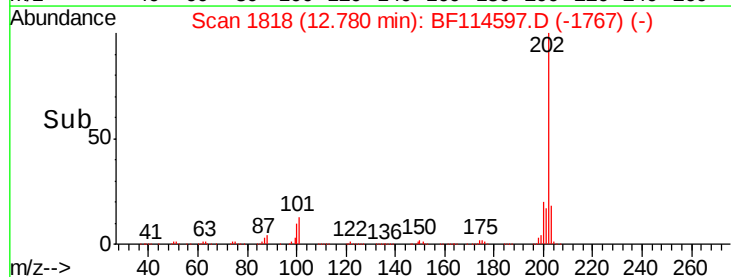
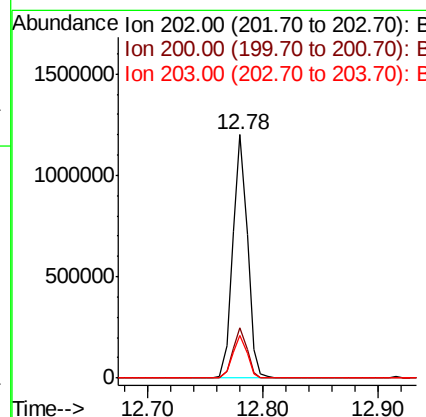
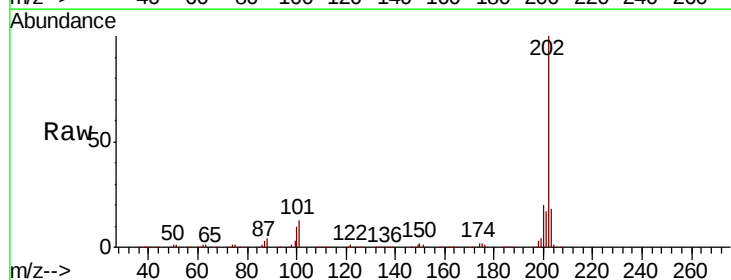
Manual Integrations
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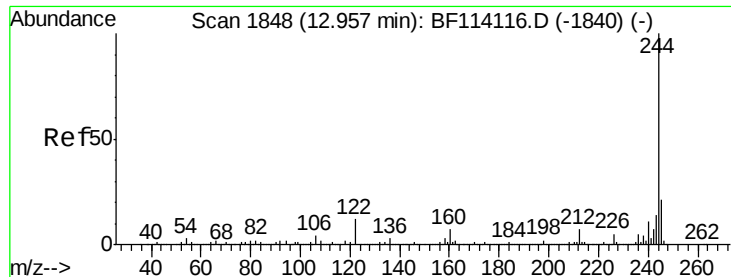
mohammad
5/27/2019 3:52:48 AM



#78
Pyrene
Concen: 42.128 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	20.4	16.9	25.3		
203	17.6	14.5	21.7		





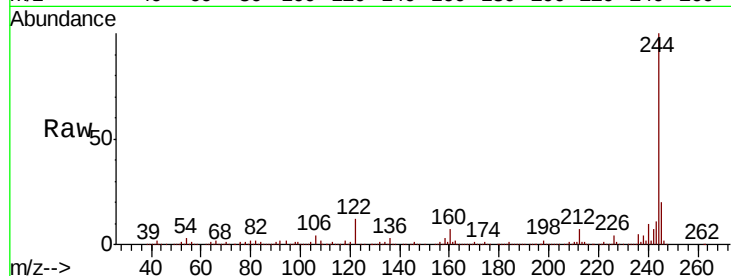
#79
 Terphenyl-d14
 Concen: 89.045 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

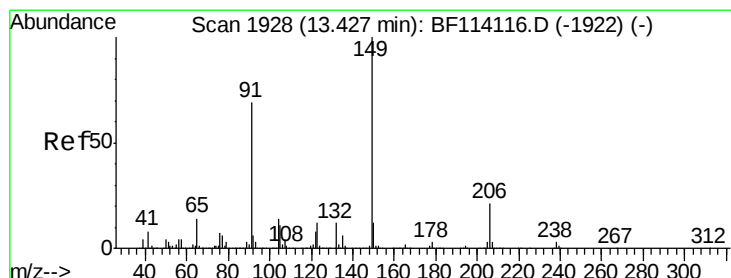
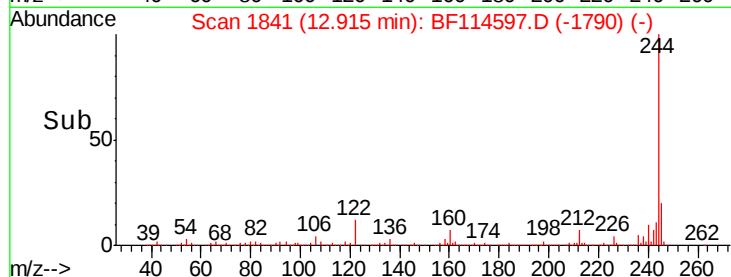
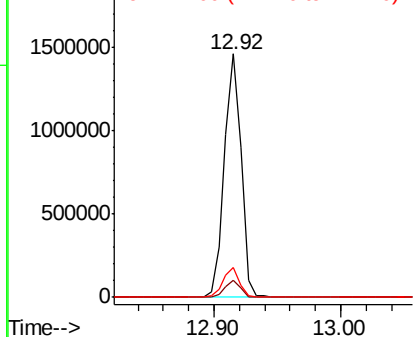
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.3	9.4	14.2

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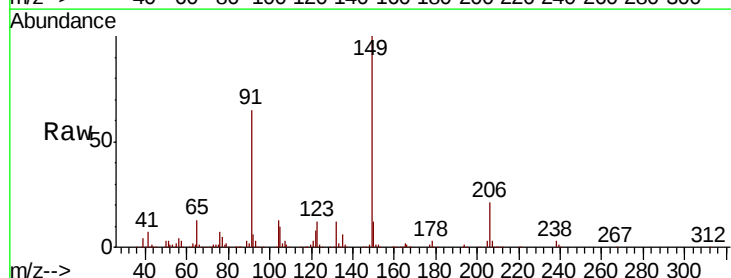


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

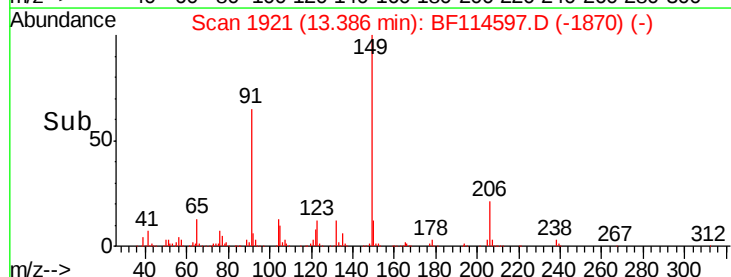
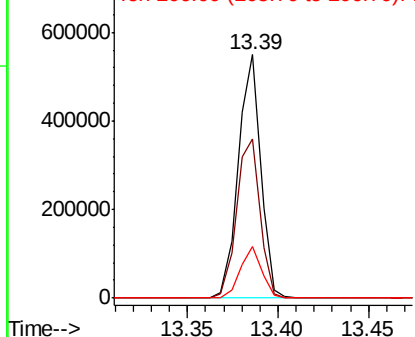


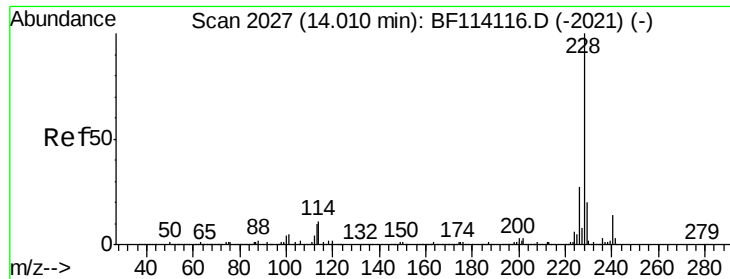
#80
 Butylbenzylphthalate
 Concen: 44.766 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.2	55.0	82.4
206	21.5	16.9	25.3



Abundance Ion 149.00 (148.70 to 149.70): E
 600000
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.217 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

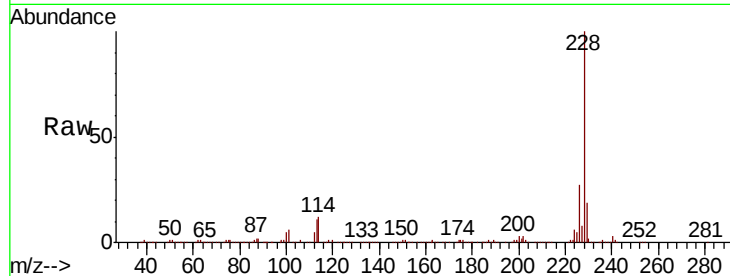
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	851560
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.2	33.2
229	19.2	16.4	24.6

Manual Integrations
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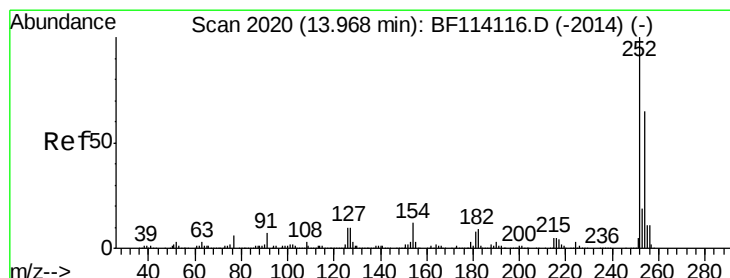
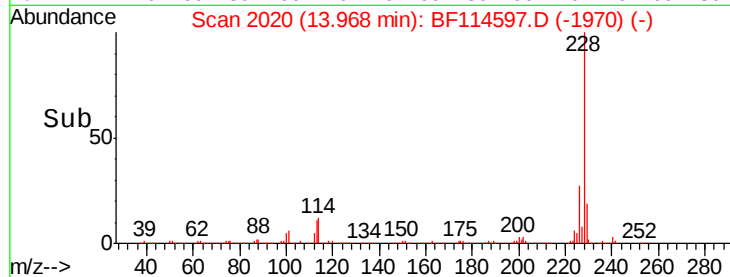
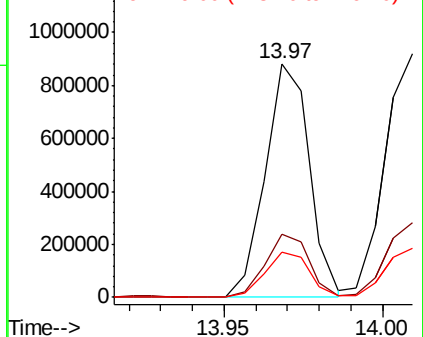


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.518 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

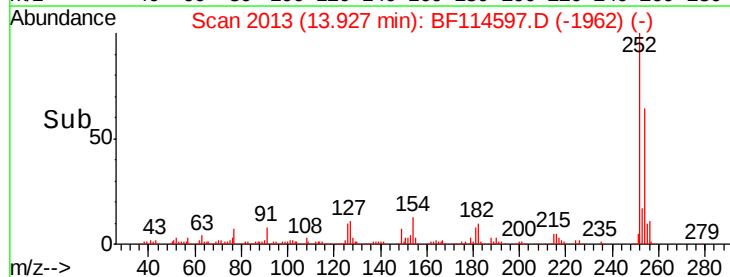
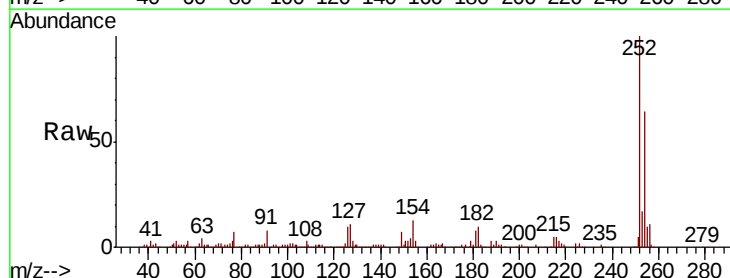
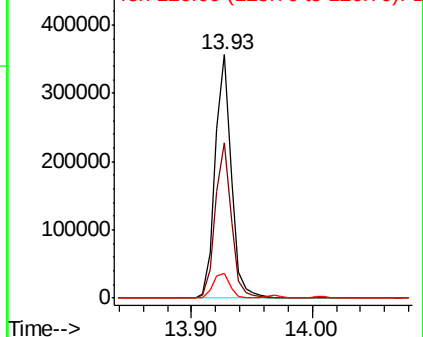
Tgt Ion:	252	Resp:	324878
Ion Ratio	Lower	Upper	
252	100		
254	63.6	51.9	77.9
126	10.3	7.9	11.9

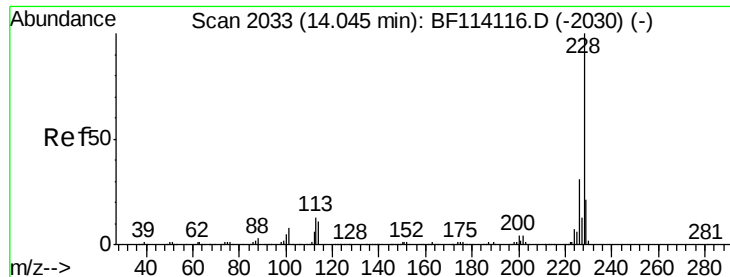
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





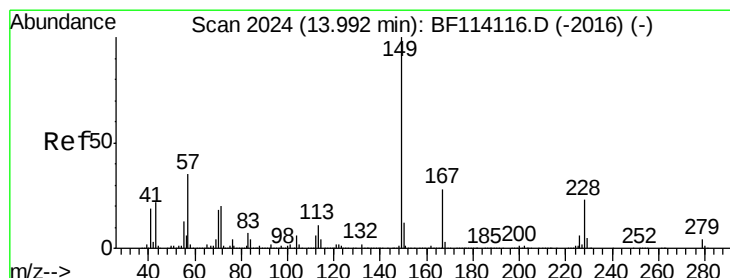
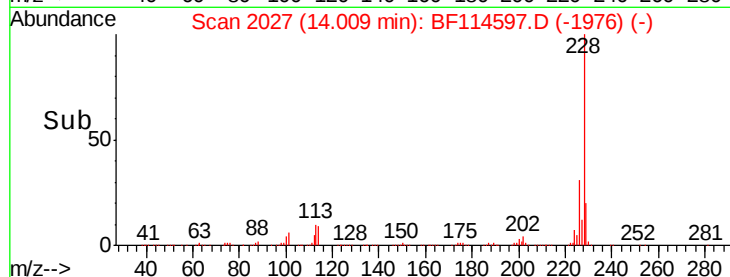
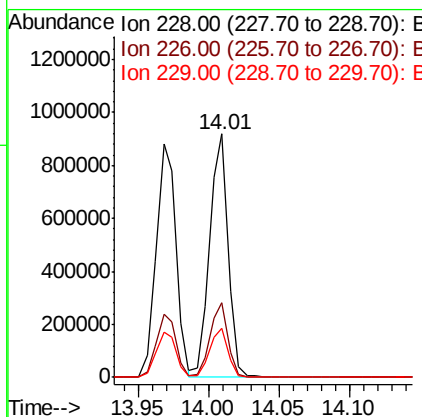
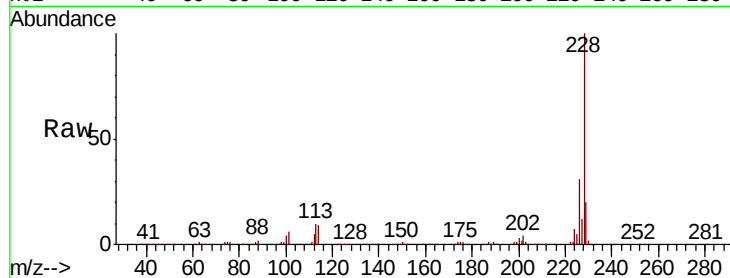
#83
 Chrvsene
 Concen: 42.265 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.2	17.0	25.6

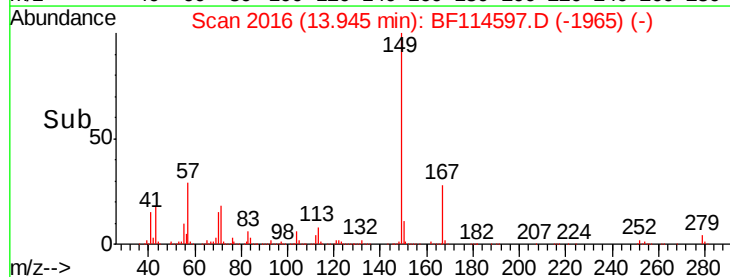
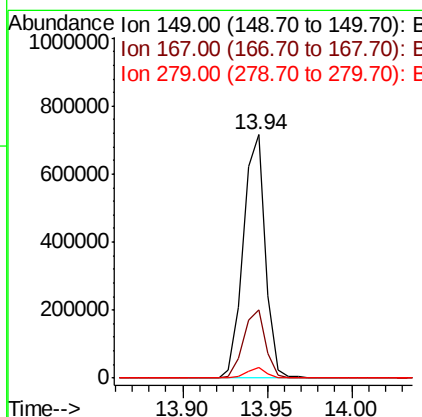
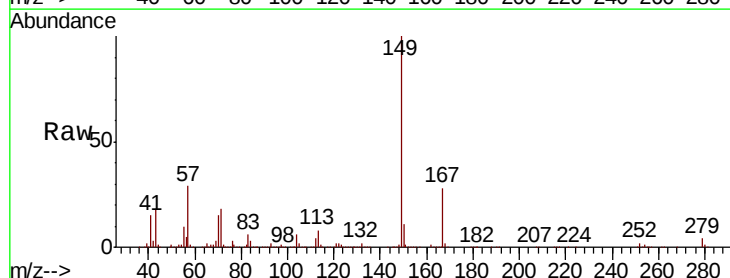
Manual Integrations
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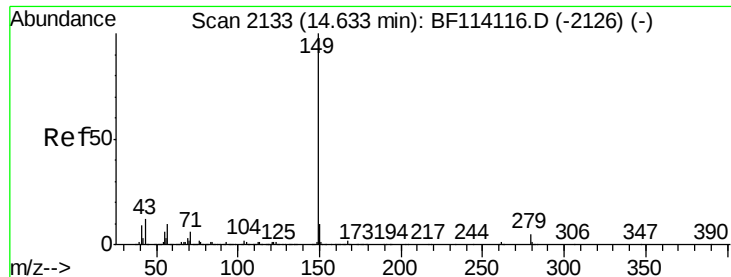
mohammad
 5/27/2019 3:52:48 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.357 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	33.8
279	4.3	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 46.912 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1050258

Ion Ratio Lower Upper

149 100

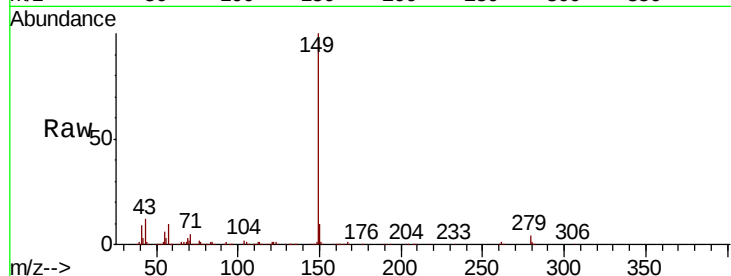
167 1.5 1.3 1.9

43 11.7 10.1 15.1

Manual Integrations
APPROVED

mohammad

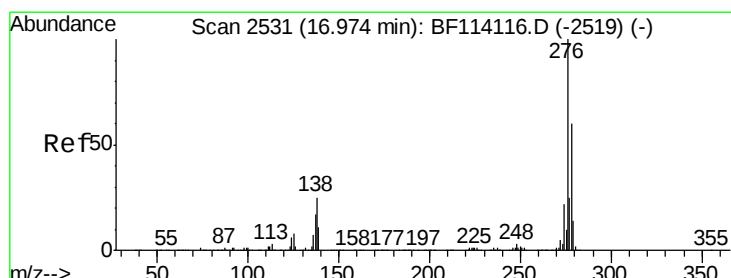
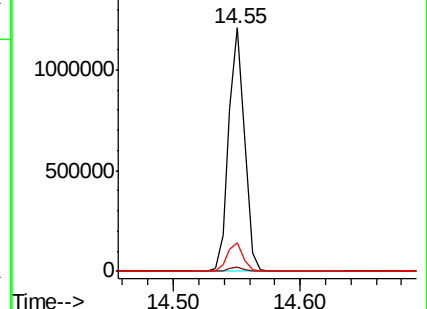
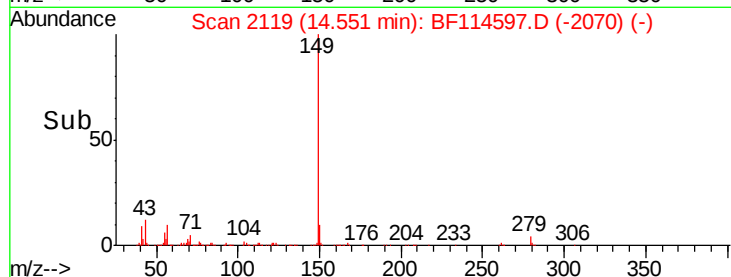
5/27/2019 3:52:48 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.480 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

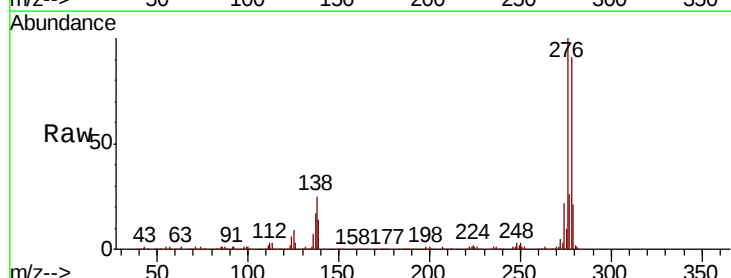
Tgt Ion:276 Resp: 899636

Ion Ratio Lower Upper

276 100

138 24.4 20.2 30.2

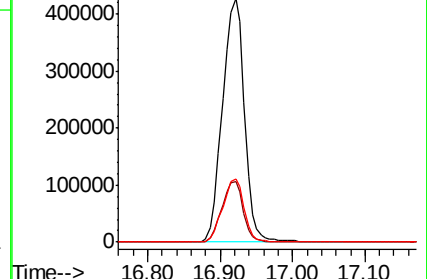
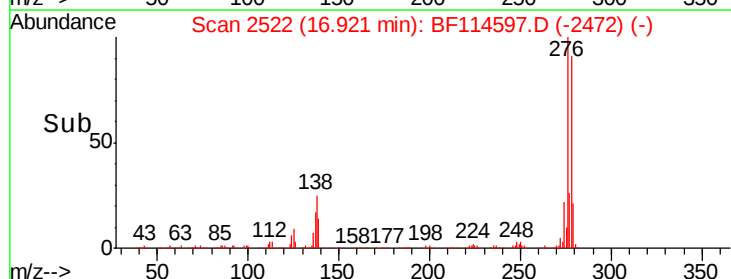
277 25.3 20.0 30.0

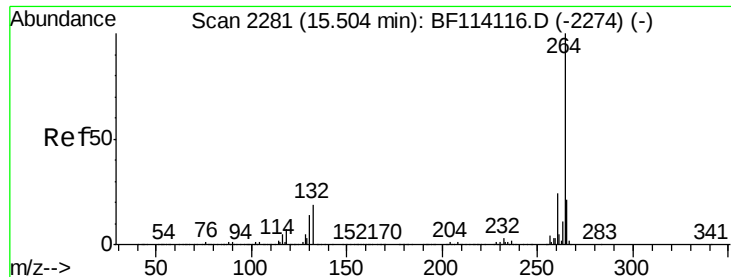


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





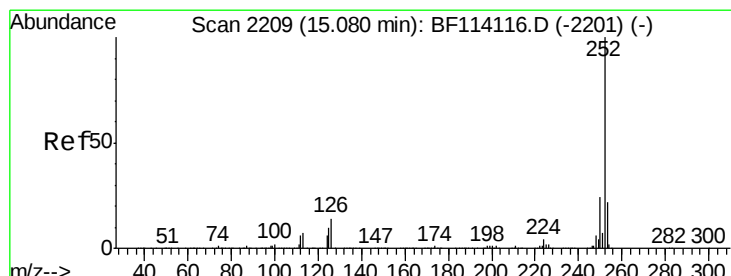
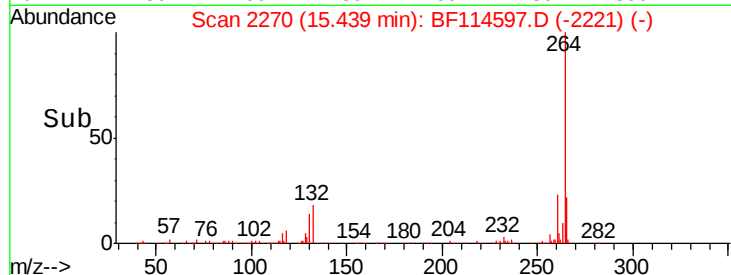
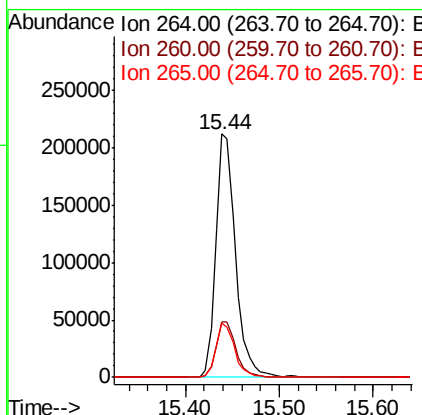
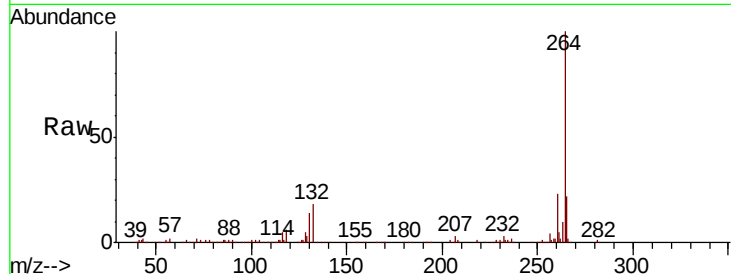
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	22.1	16.9	25.3

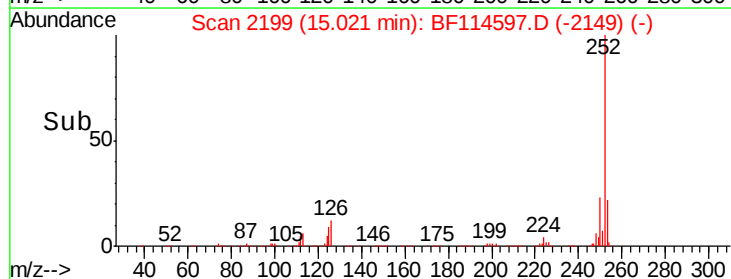
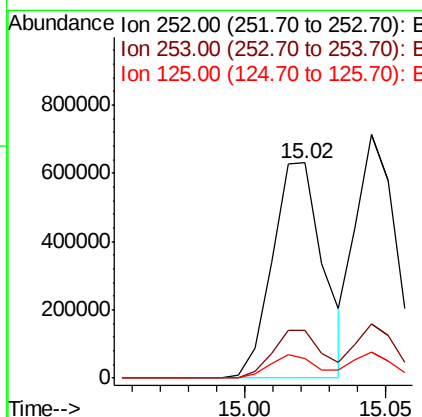
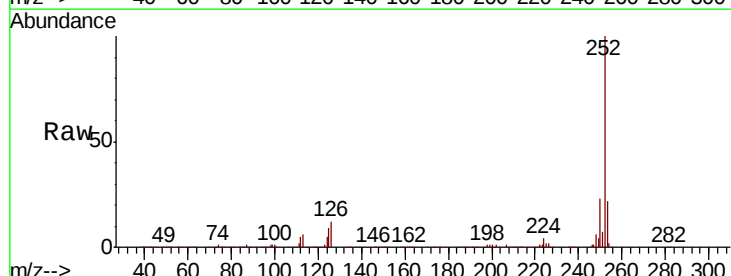
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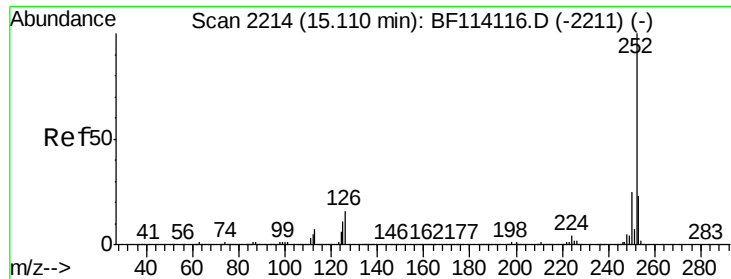
mohammad
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#88
Benzo(b)fluoranthene
Concen: 39.289 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.3	8.3	12.5





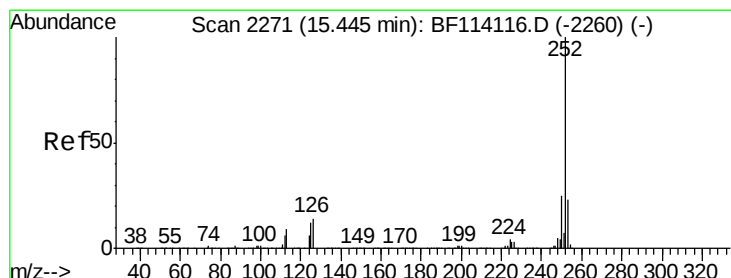
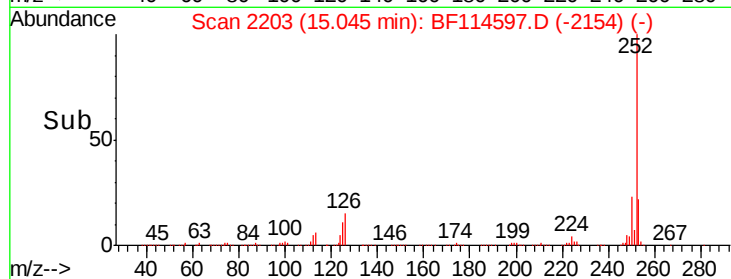
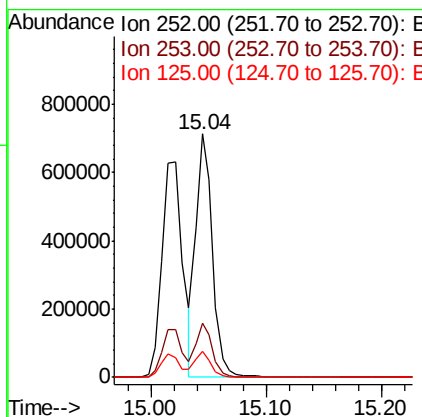
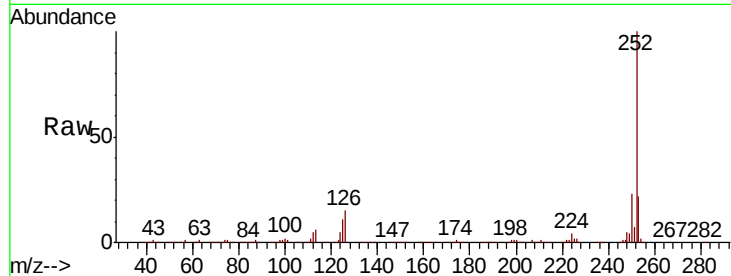
#89
Benzo(k)fluoranthene
Concen: 39.184 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.7	8.6	13.0

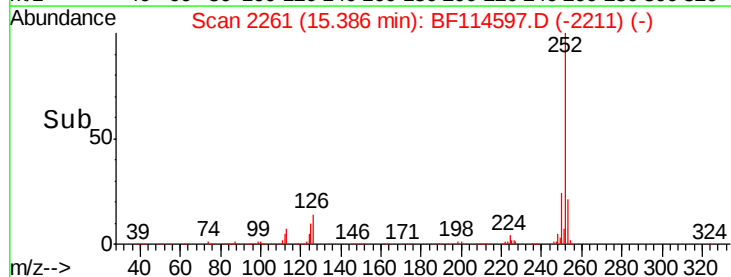
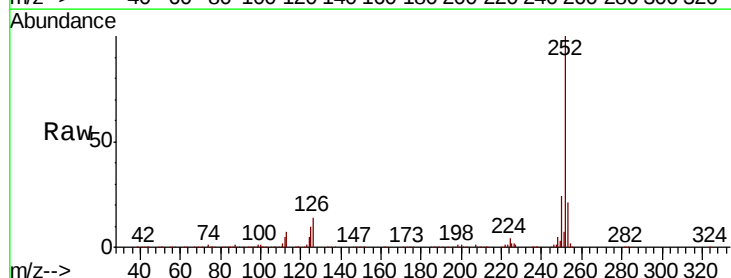
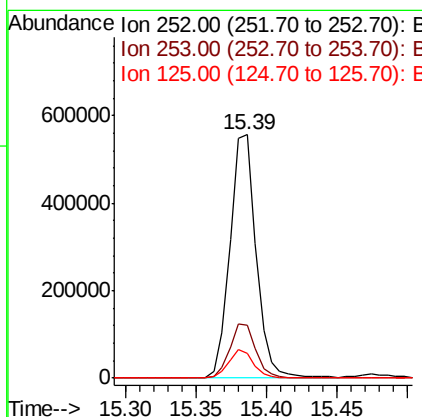
Manual Integrations
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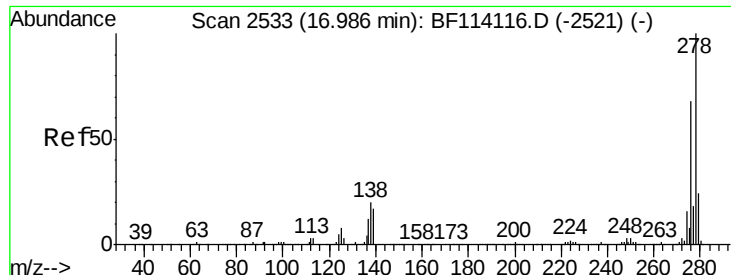
mohammad
5/27/2019 3:52:48 AM



#90
Benzo(a)pyrene
Concen: 40.855 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	10.1	9.5	14.3





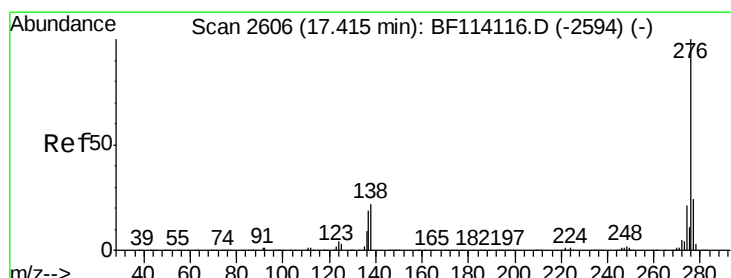
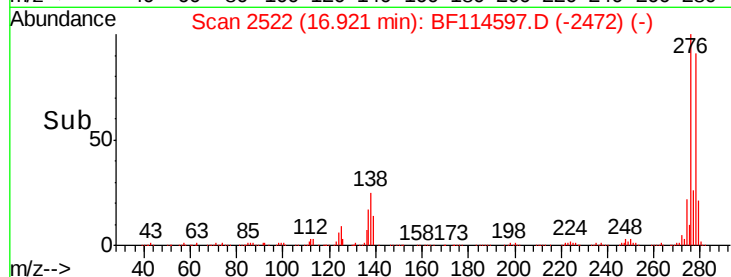
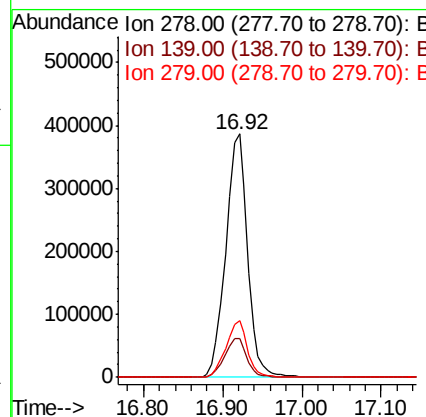
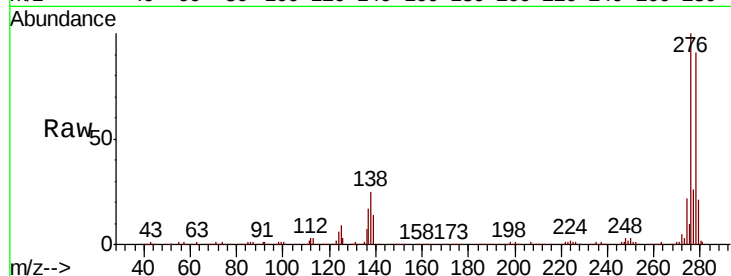
#91
 Dibenzo(a,h)anthracene
 Concen: 50.378 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	278	Resp:	737064
Ion Ratio	Lower	Upper	
278	100		
139	15.9	13.5	20.3
279	23.2	19.0	28.6

Manual Integrations
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#92
 Benzo(g,h,i)perylene
 Concen: 52.270 ng
 RT: 17.36 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Tgt Ion:	276	Resp:	766388
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.0	28.4
138	18.9	17.8	26.6

