

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114557.D
 Acq On : 24 May 2019 9:19
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:47:49 AM

Quant Time: May 24 11:50:49 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	6.82	152	157452	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	625786	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	295613	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	586059	20.00	ng	0.00
76) Chrysene-d12	13.99	240	379926	20.00	ng	0.00
87) Perylene-d12	15.45	264	319251	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	774431	79.15	ng	0.00
7) Phenol-d6	6.46	99	953624	82.41	ng	0.00
23) Nitrobenzene-d5	7.38	82	903610	81.04	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	232248	75.99	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1581936	80.95	ng	0.00
79) Terphenyl-d14	12.92	244	1607180	87.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	181212	33.696	ng	99
3) Pyridine	3.32	79	500043	33.747	ng	98
4) n-Nitrosodimethylamine	3.27	42	243084	34.020	ng	100
6) Aniline	6.48	93	672490	40.230	ng	# 66
8) 2-Chlorophenol	6.61	128	438979	42.027	ng	92
9) Benzaldehyde	6.37	77	280661	34.644	ng	100
10) Phenol	6.47	94	552509	40.587	ng	78
11) bis(2-Chloroethyl)ether	6.55	93	419406	40.582	ng	96
12) 1,3-Dichlorobenzene	6.76	146	481350	41.054	ng	100
13) 1,4-Dichlorobenzene	6.83	146	488826	41.374	ng	98
14) 1,2-Dichlorobenzene	6.99	146	449516	41.645	ng	99
15) Benzyl Alcohol	6.96	79	361413	40.044	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	772402	38.546	ng	80
17) 2-Methylphenol	7.08	107	340787	39.718	ng	# 93
18) Hexachloroethane	7.32	117	177546	40.035	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	295032	40.223	ng	98
20) 3+4-Methylphenols	7.23	107	434407	43.820	ng	# 79
22) Acetophenone	7.23	105	577704	41.672	ng	# 94
24) Nitrobenzene	7.40	77	463581	40.818	ng	100
25) Isophorone	7.64	82	820740	39.687	ng	100
26) 2-Nitrophenol	7.72	139	231982	42.101	ng	95
27) 2,4-Dimethylphenol	7.76	122	341205	39.427	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	537363	40.047	ng	100
29) 2,4-Dichlorophenol	7.97	162	356393	41.357	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	397867	40.602	ng	99
31) Naphthalene	8.12	128	1231076	42.115	ng	98
32) Benzoic acid	7.90	122	190476m	33.374	ng	
33) 4-Chloroaniline	8.17	127	568610	42.687	ng	97
34) Hexachlorobutadiene	8.23	225	224995	40.354	ng	98
35) Caprolactam	8.55	113	122468	43.584	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	372361	42.928	ng	97
37) 2-Methylnaphthalene	8.81	142	812452	43.078	ng	98
38) 1-Methylnaphthalene	8.91	142	759137	42.742	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	372235	41.568	ng	99

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Instrument :
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 SSTDC040

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	129406	33.666	nq	100
43) 2,4,6-Trichlorophenol	9.10	196	245241	39.816	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	243667	38.575	nq	96
46) 1,1'-Biphenyl	9.27	154	992915	41.577	nq	98
47) 2-Chloronaphthalene	9.30	162	786963	40.946	nq	97
48) 2-Nitroaniline	9.40	65	280377	41.134	nq	96
49) Acenaphthylene	9.72	152	1211670	41.450	nq	99
50) Dimethylphthalate	9.57	163	877356	40.430	nq	100
51) 2,6-Dinitrotoluene	9.65	165	196114	40.745	nq	90
52) Acenaphthene	9.89	154	719544	40.113	nq	100
53) 3-Nitroaniline	9.82	138	252671	42.289	nq	98
54) 2,4-Dinitrophenol	9.94	184	84370	38.666	nq	95
55) Dibenzofuran	10.06	168	1023526	38.912	nq	97
56) 4-Nitrophenol	10.00	139	146164	34.592	nq	96
57) 2,4-Dinitrotoluene	10.06	165	242944	37.187	nq	# 79
58) Fluorene	10.40	166	858641	42.262	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	208887	38.326	nq	98
60) Diethylphthalate	10.27	149	871439	39.522	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	410652	41.153	nq	99
62) 4-Nitroaniline	10.43	138	258646	41.196	nq	99
63) Azobenzene	10.55	77	832295	38.997	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	110833	39.357	nq	93
66) n-Nitrosodiphenylamine	10.51	169	741784	41.704	nq	100
67) 4-Bromophenyl-phenylether	10.88	248	259122	40.157	nq	99
68) Hexachlorobenzene	10.96	284	283154	39.666	nq	# 90
69) Atrazine	11.04	200	223284	40.339	nq	99
70) Pentachlorophenol	11.16	266	118853	35.123	nq	98
71) Phenanthrene	11.37	178	1199836	42.081	nq	98
72) Anthracene	11.42	178	1215325	42.437	nq	98
73) Carbazole	11.57	167	1163625	42.609	nq	99
74) Di-n-butylphthalate	11.89	149	1347491	42.828	nq	100
75) Fluoranthene	12.56	202	1285617	41.871	nq	99
77) Benzidine	12.67	184	833438	48.870	nq	97
78) Pyrene	12.79	202	1299005	42.502	nq	99
80) Butylbenzylphthalate	13.39	149	568390	44.183	nq	98
81) Benzo(a)anthracene	13.97	228	1066430	43.398	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	398355	41.788	nq	100
83) Chrysene	14.02	228	1011409	41.987	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	731556	43.481	nq	100
85) Di-n-octyl phthalate	14.56	149	1113384	40.822	nq	98
86) Indeno(1,2,3-cd)pyrene	16.93	276	794460	37.317	nq	99
88) Benzo(b)fluoranthene	15.03	252	874353	42.749	nq	98
89) Benzo(k)fluoranthene	15.05	252	785680	41.818	nq	100
90) Benzo(a)pyrene	15.39	252	750898	41.716	nq	97
91) Dibenzo(a,h)anthracene	16.93	278	649558	43.427	nq	100
92) Benzo(g,h,i)perylene	17.37	276	667930	44.559	nq	98

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



#1

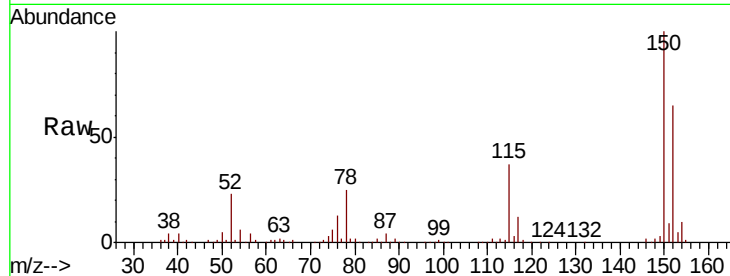
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.3	186.5
115	57.8	49.1	73.7

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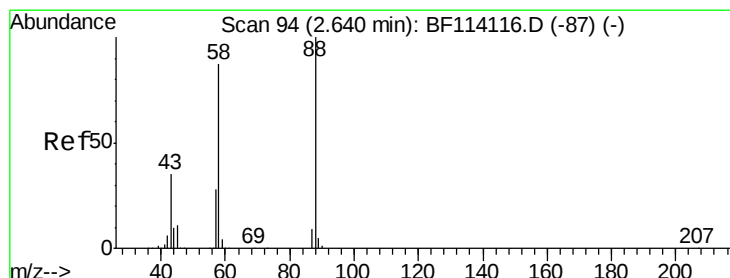
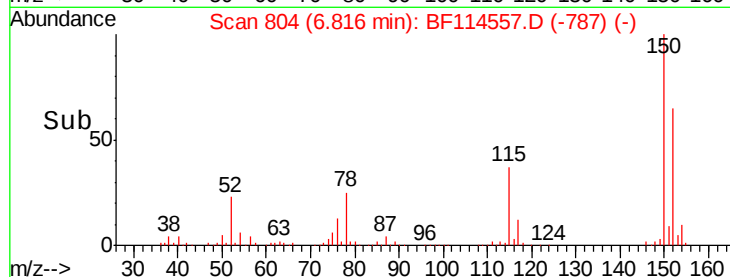
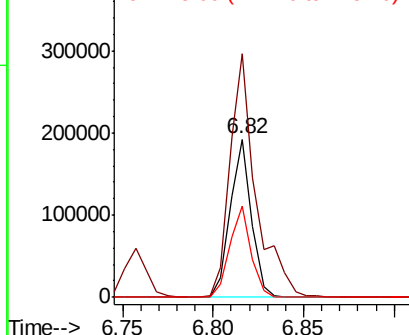


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

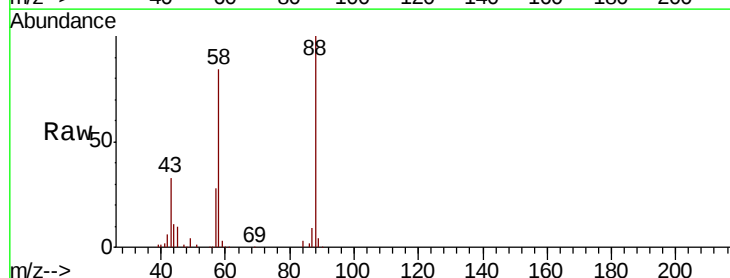
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.696 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	68.7	103.1
43	35.3	28.2	42.2

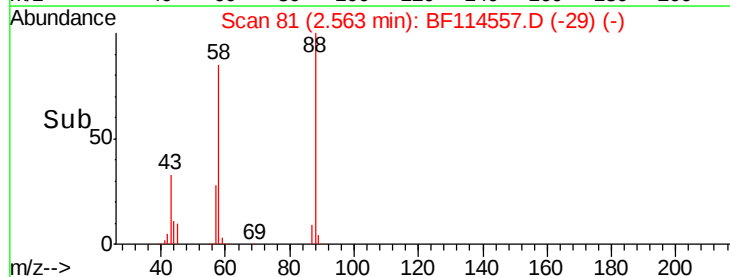
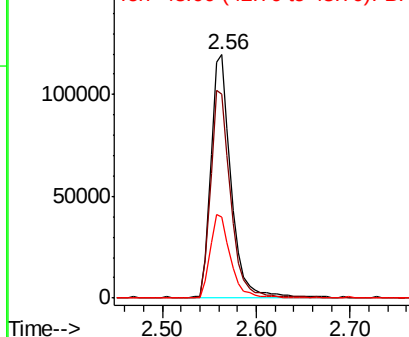


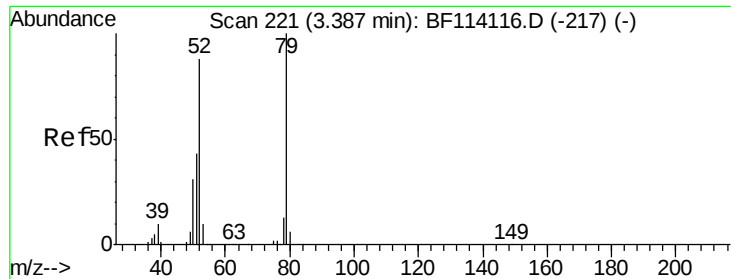
Abundance

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: 33.747 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

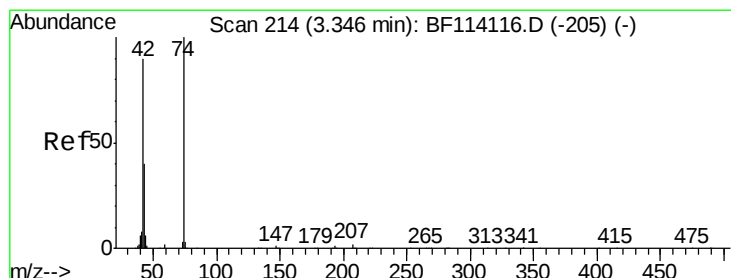
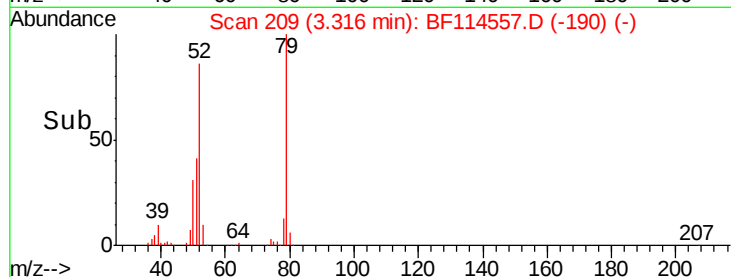
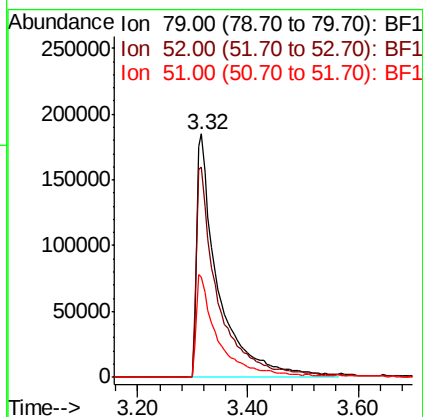
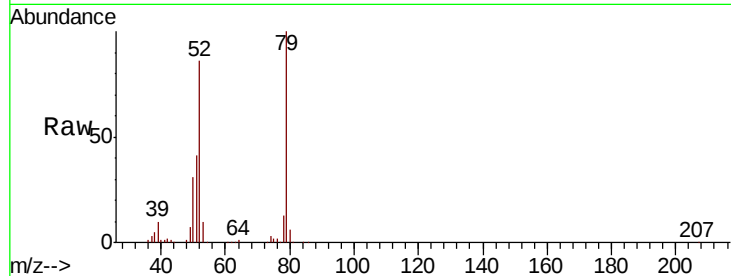
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	500043
Ion Ratio	Lower	Upper	
79	100		
52	86.2	70.6	105.8
51	41.3	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 34.020 ng

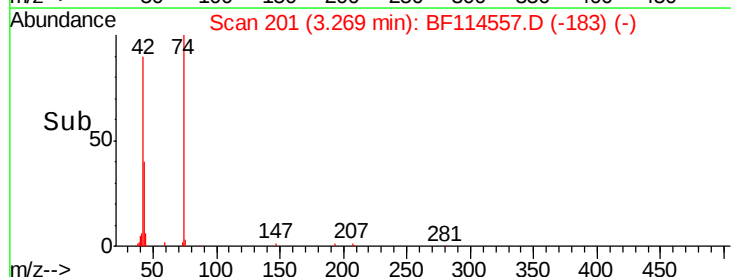
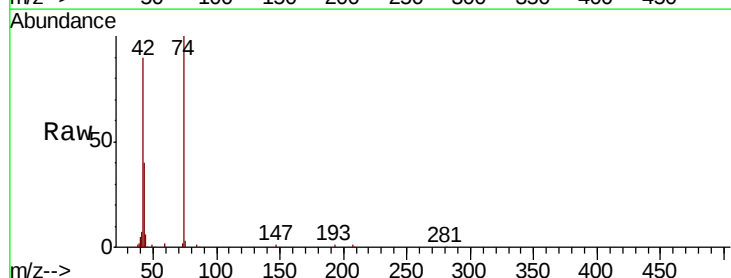
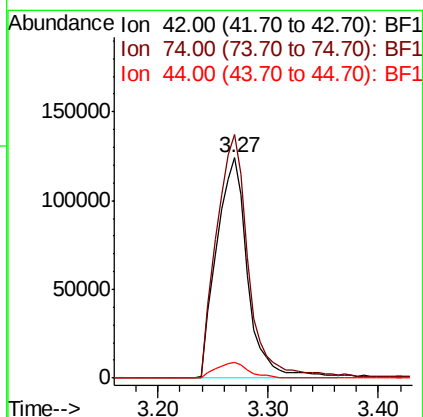
RT: 3.27 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Tgt Ion:	42	Resp:	243084
Ion Ratio	Lower	Upper	
42	100		
74	110.6	88.6	132.8
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 79.152 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

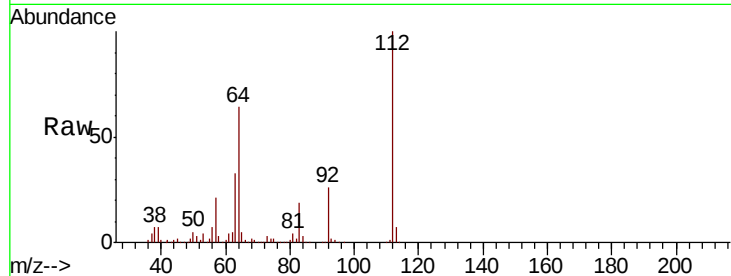
ClientSampleId :

SSTDCCC040

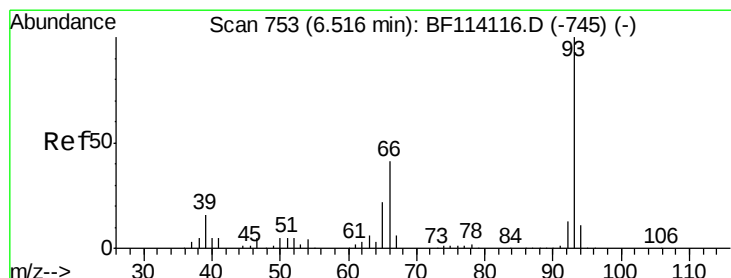
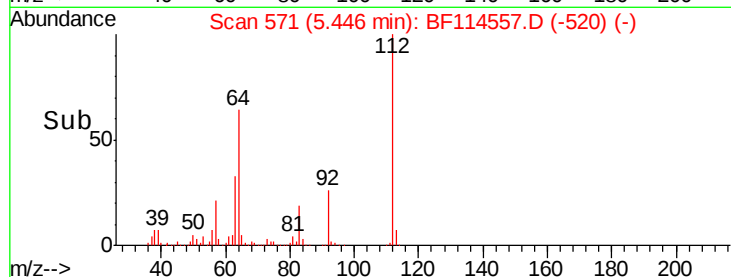
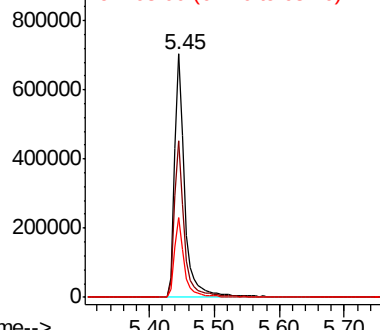
Tot Ion	Ratio	Resp	Lower	Upper
112	100	774431		
64	64.5	49.0	73.6	
63	32.7	24.6	37.0	

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.230 ng

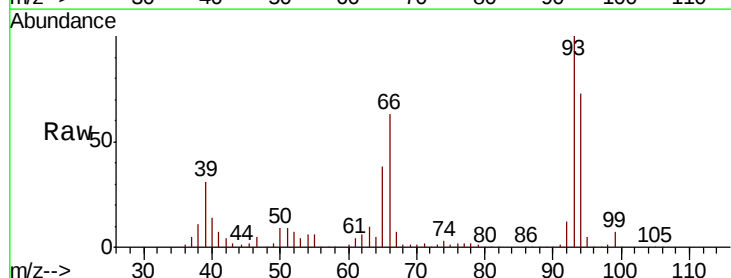
RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

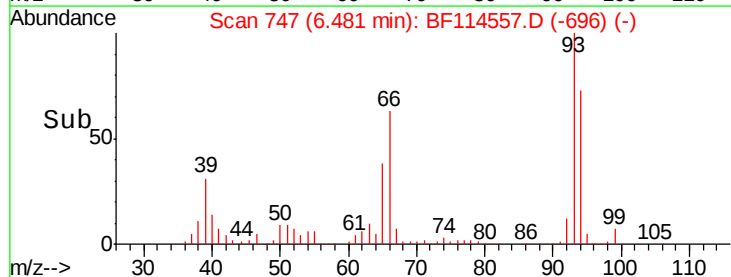
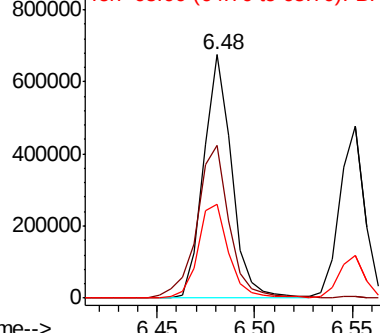
Lab File: BF114557.D

Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	672490		
66	62.7	33.2	49.8#	
65	38.4	17.6	26.4#	



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.408 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

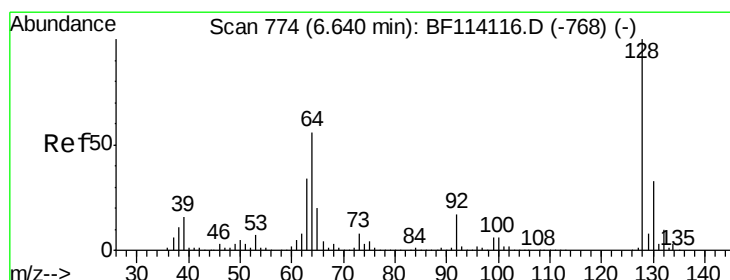
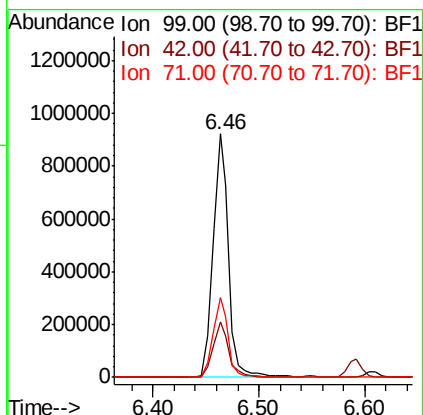
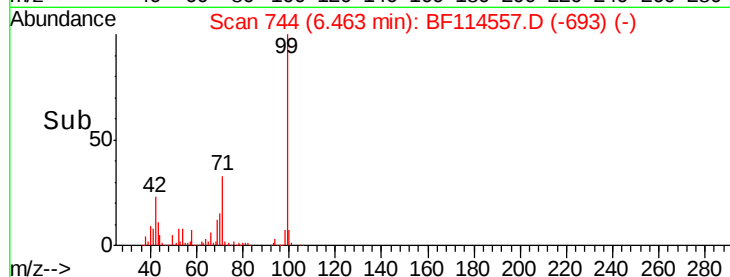
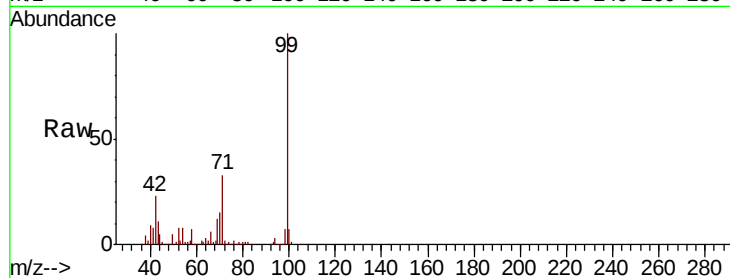
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	953624
Ion Ratio	Lower	Upper	
99	100		
42	22.7	17.9	26.9
71	32.9	26.2	39.2

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#8

2-Chlorophenol

Concen: 42.027 ng

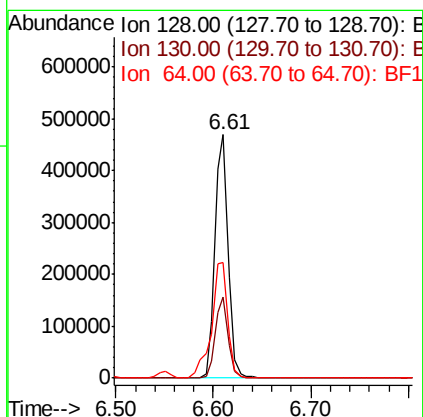
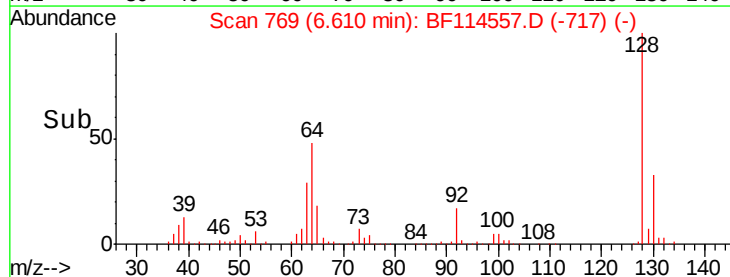
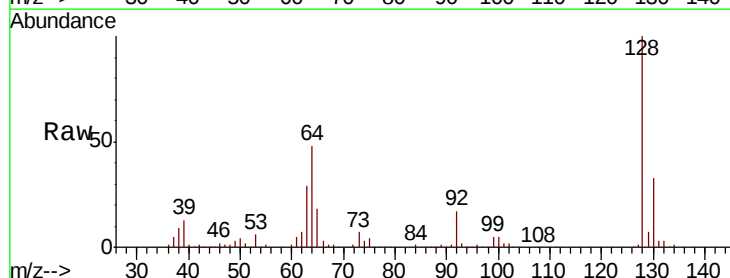
RT: 6.61 min Scan# 769

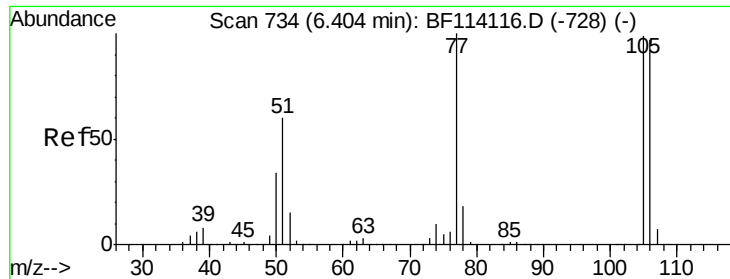
Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Tgt Ion:	128	Resp:	438979
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.6	52.6
64	47.7	35.9	75.9





#9

Benzaldehyde

Concen: 34.644 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

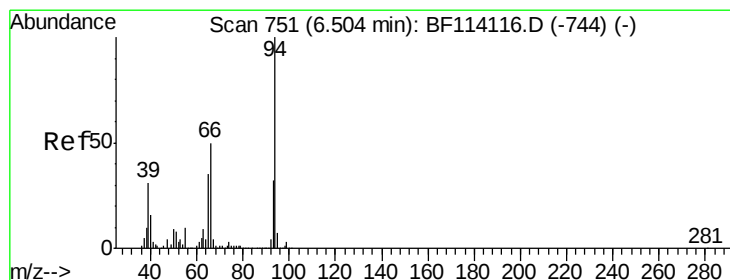
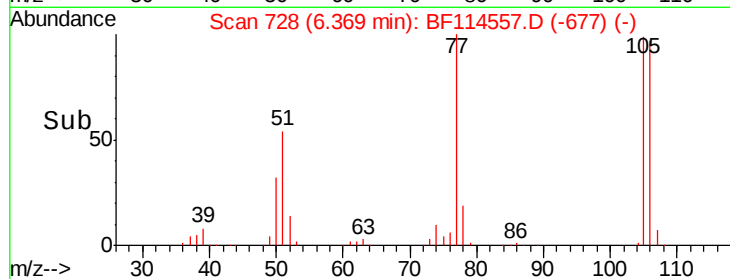
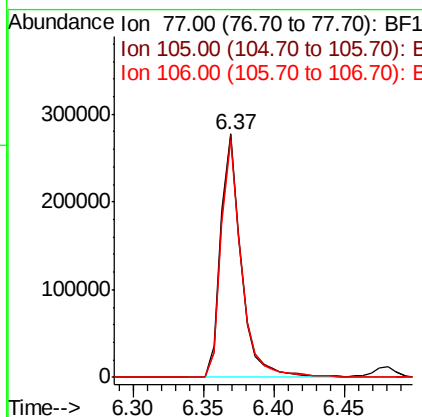
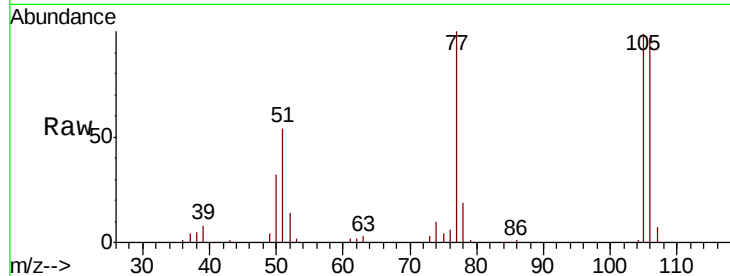
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	280661
Ion Ratio	Lower	Upper	
77	100		
105	99.5	79.3	119.3
106	97.2	77.0	117.0

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#10

Phenol

Concen: 40.587 ng

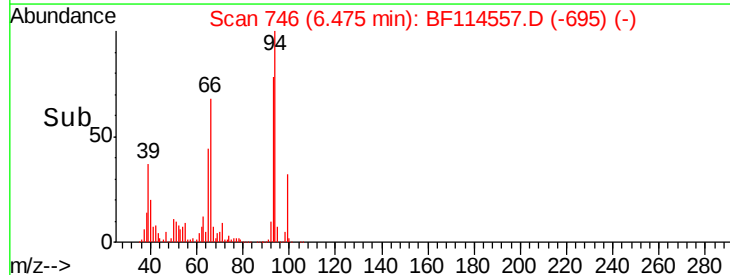
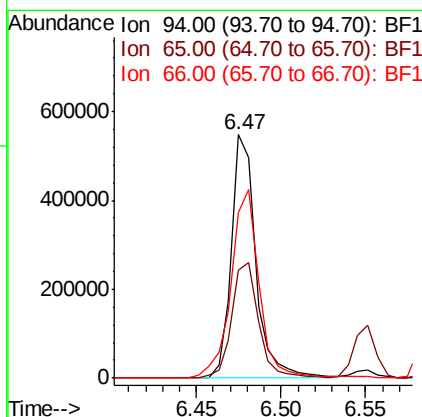
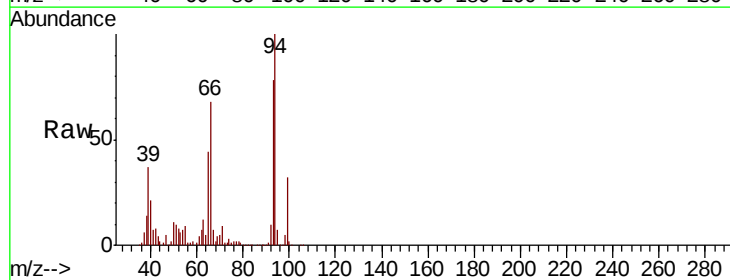
RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Tgt Ion:	94	Resp:	552509
Ion Ratio	Lower	Upper	
94	100		
65	44.2	14.7	54.7
66	67.8	29.6	69.6





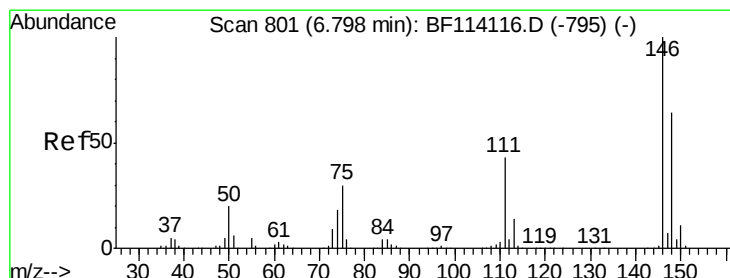
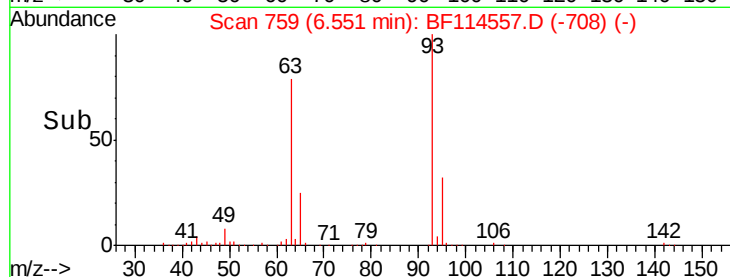
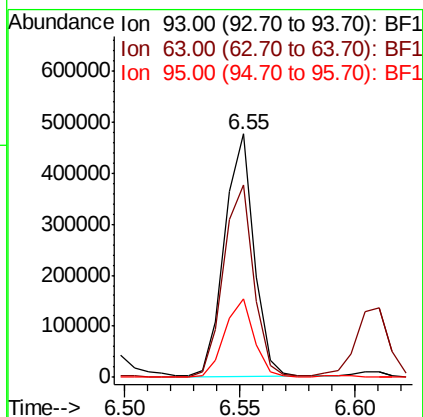
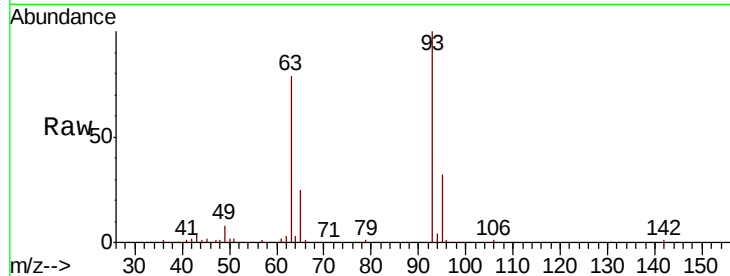
#11
bis(2-Chloroethyl)ether
Concen: 40.582 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.3	63.6	103.6
95	32.4	13.1	53.1

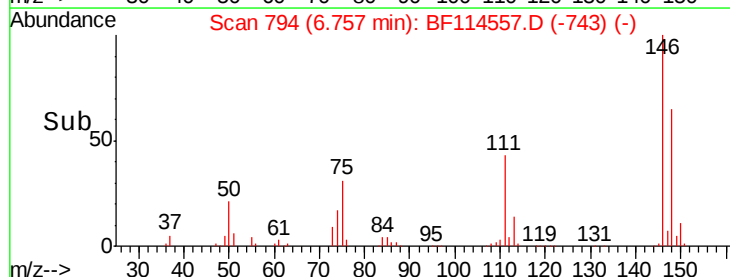
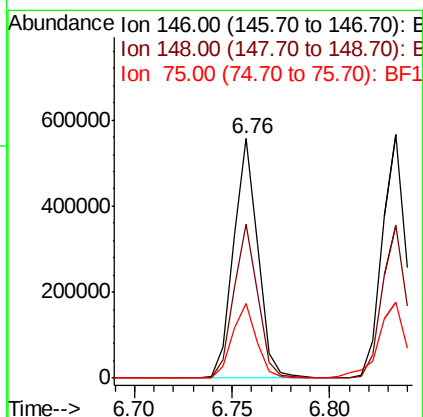
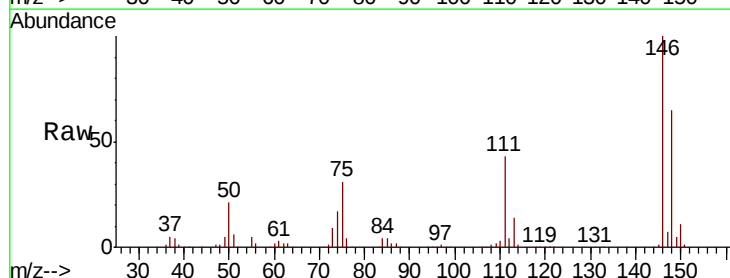
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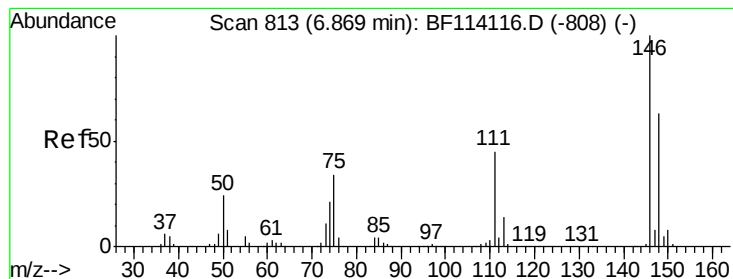
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.054 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
75	30.9	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 41.374 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

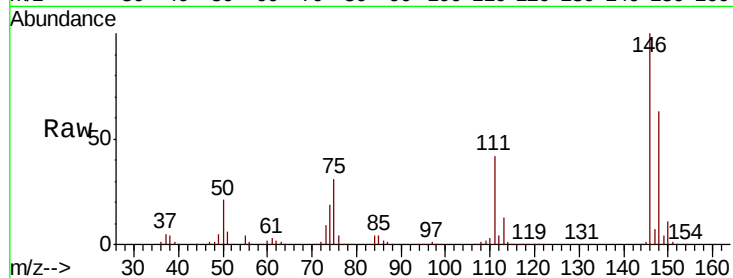
ClientSampleId :

SSTDCCC040

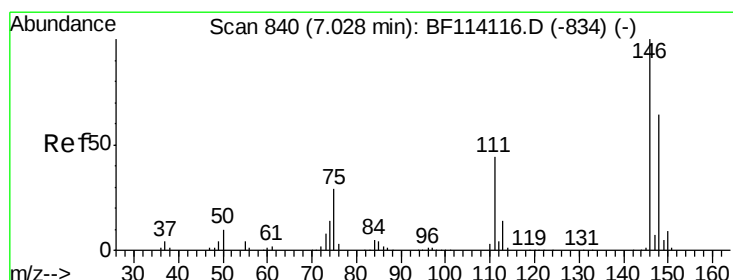
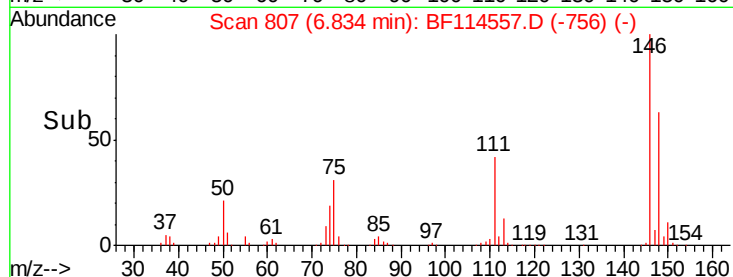
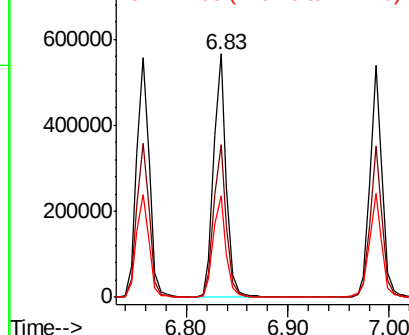
Tot Ion:	146	Resp:	488826
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.2	75.2
111	41.6	35.8	53.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.645 ng

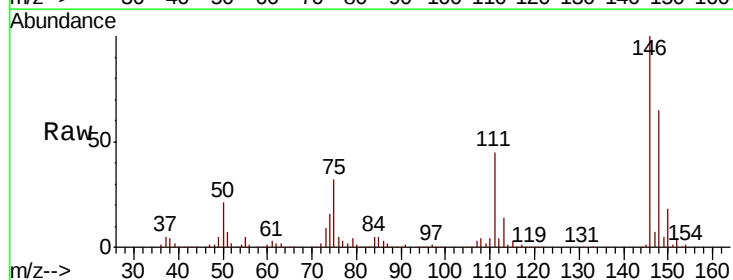
RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

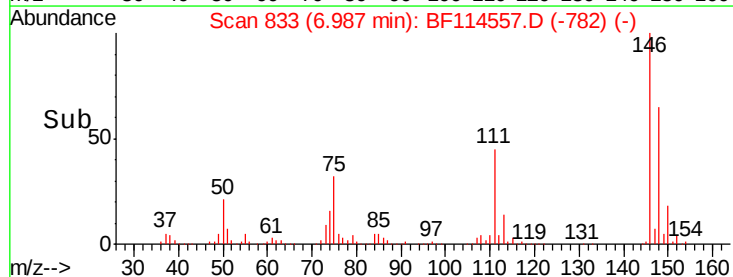
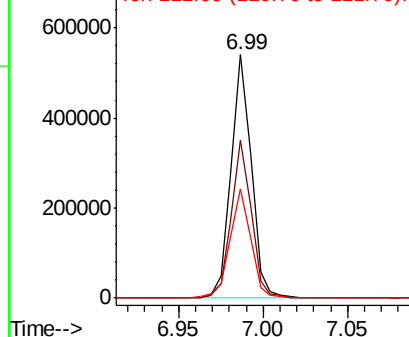
Lab File: BF114557.D

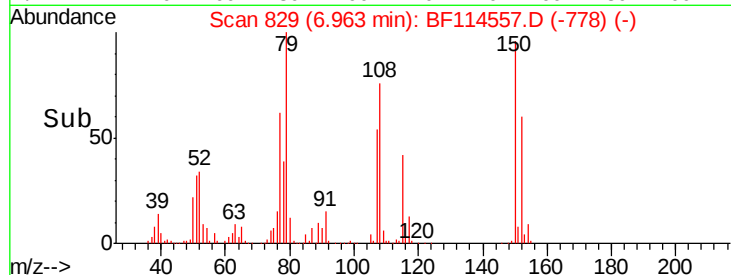
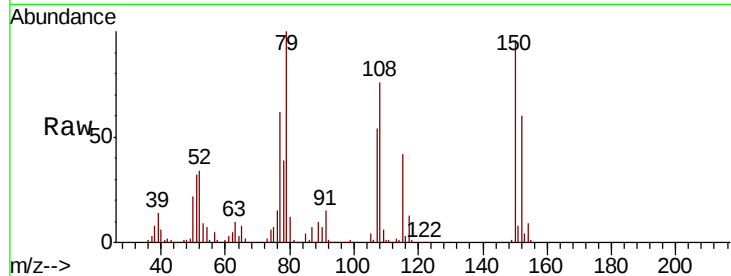
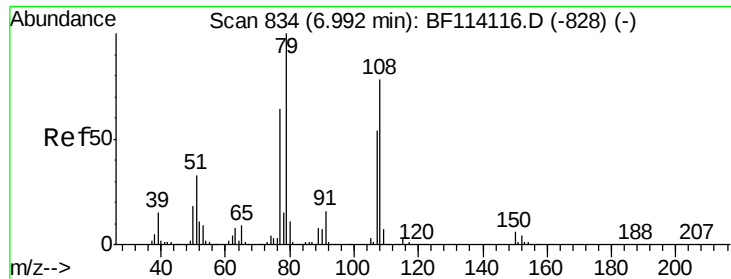
Acq: 24 May 2019 9:19

Tgt Ion:	146	Resp:	449516
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.1	76.7
111	45.0	35.3	52.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.044 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Tot Ion:	79	Resp:	361413
Ion Ratio	Lower	Upper	
79	100		
108	76.5	62.1	93.1
77	62.2	51.0	76.6

Instrument :

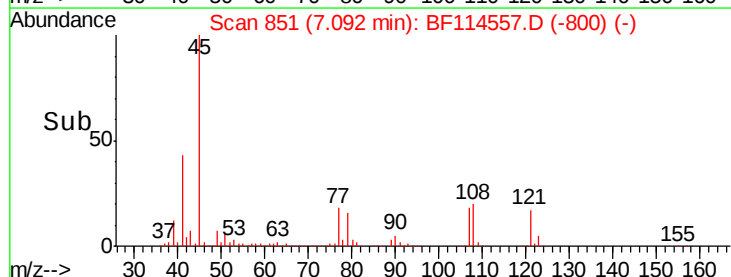
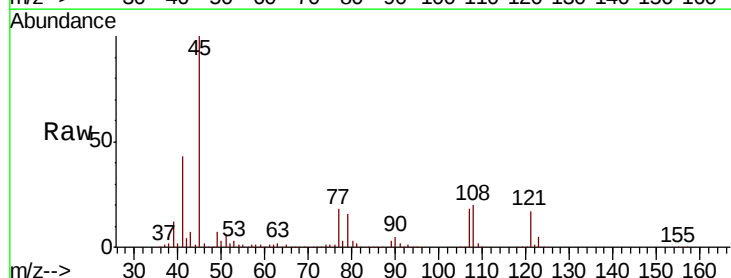
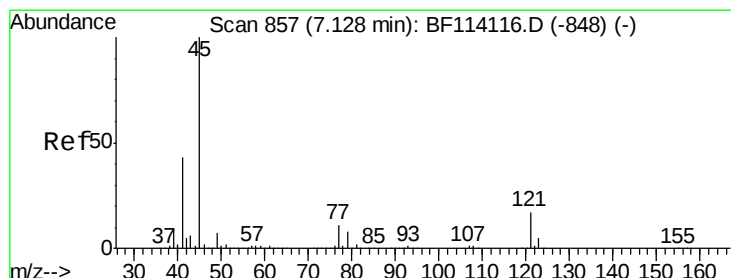
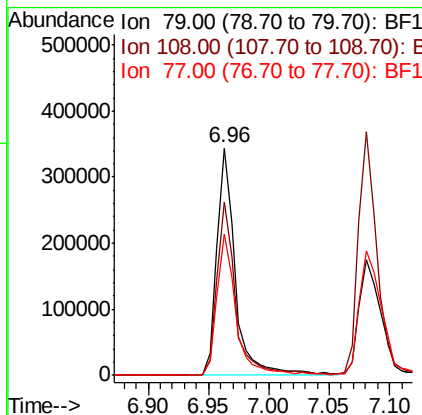
BNA_F

ClientSampleId :

SSTDCCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.546 ng

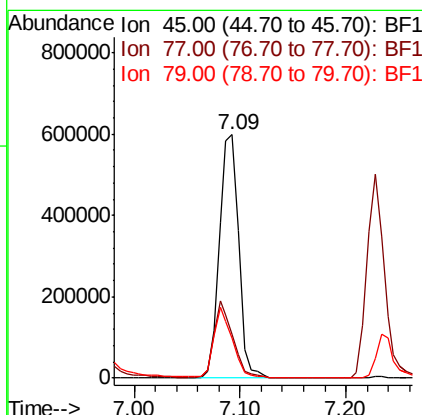
RT: 7.09 min Scan# 851

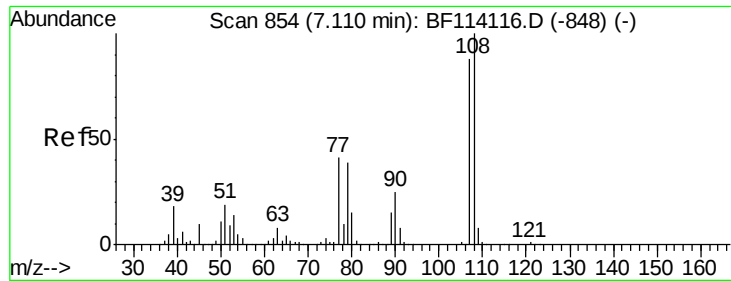
Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Tgt Ion:	45	Resp:	772402
Ion Ratio	Lower	Upper	
45	100		
77	18.1	0.0	31.1
79	16.3	0.0	28.4





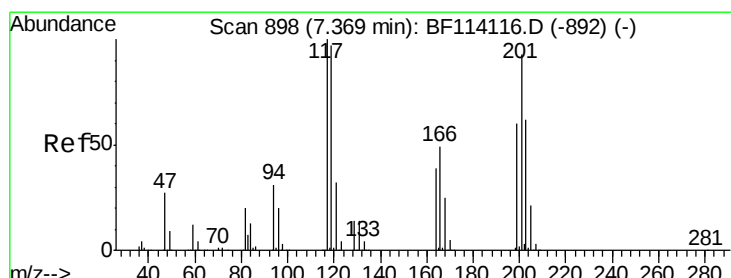
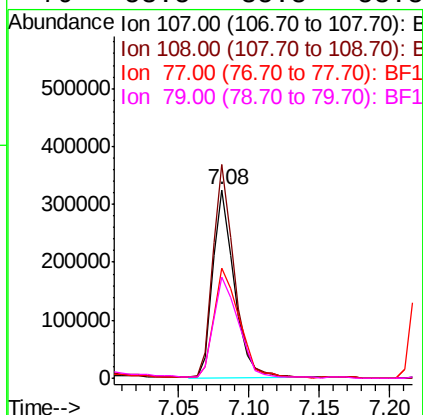
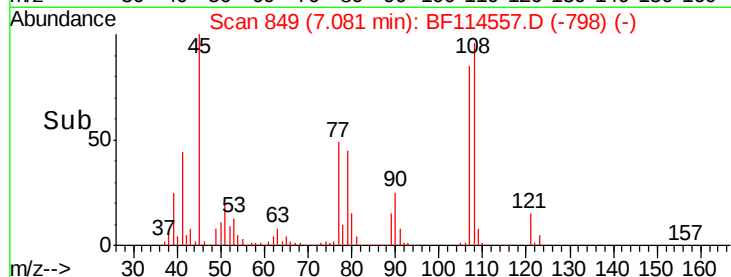
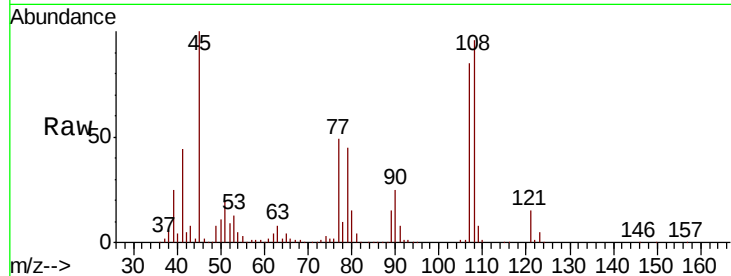
#17
2-Methylphenol
Concen: 39.718 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	90.5	135.7	
77	58.0	37.0	55.4	
79	53.5	35.8	53.8	

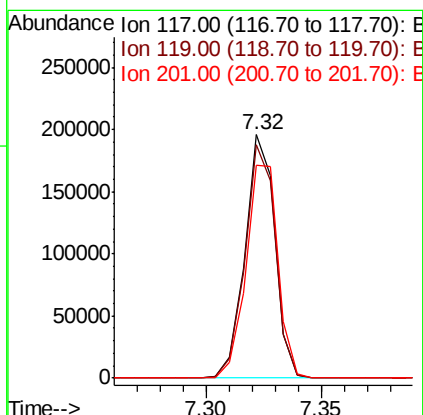
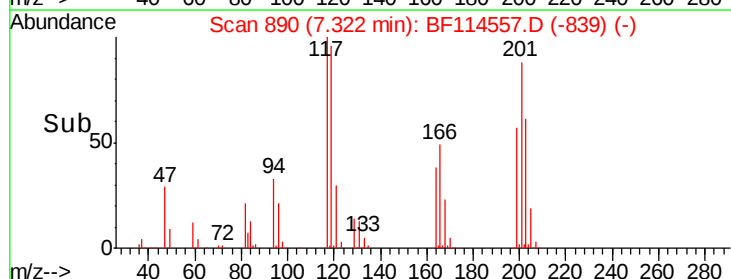
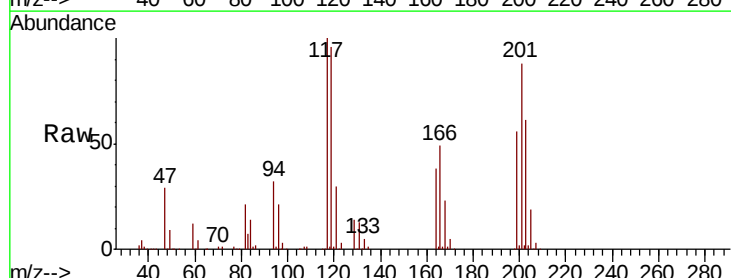
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#18
Hexachloroethane
Concen: 40.035 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	77.4	116.2	
201	87.6	74.5	111.7	





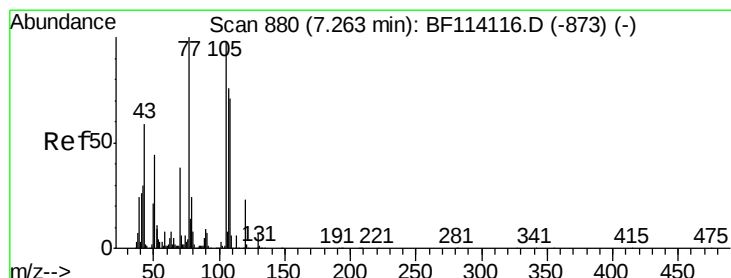
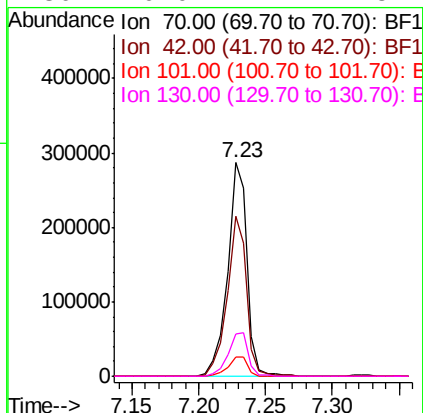
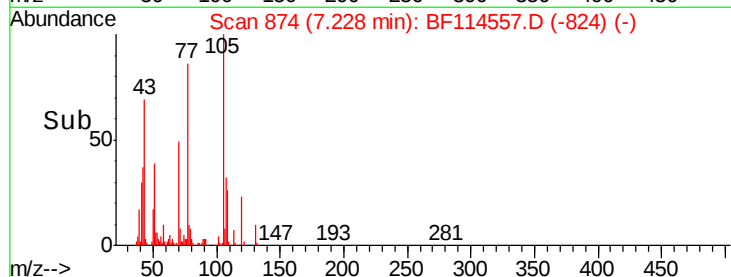
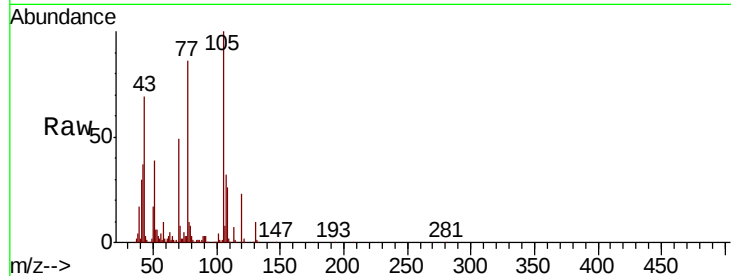
#19
n-Nitroso-di-n-propylamine
Concen: 40.223 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.1	58.6	87.8
101	8.9	7.8	11.8
130	20.0	17.1	25.7

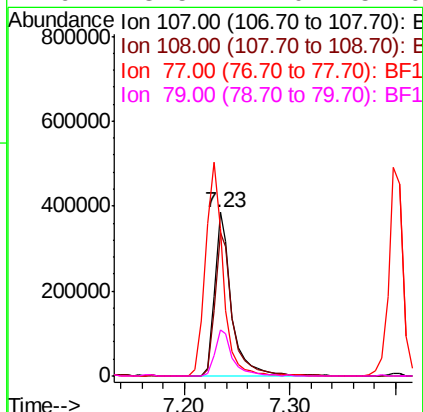
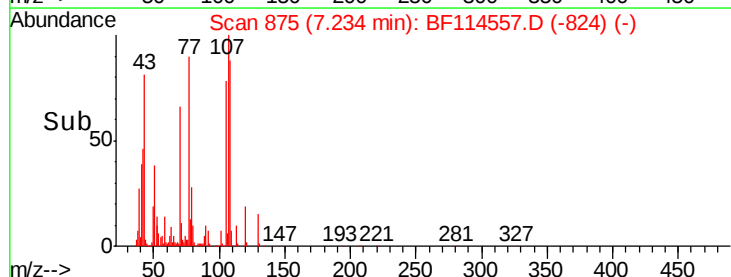
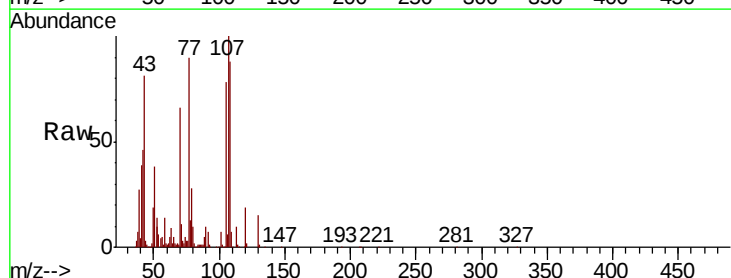
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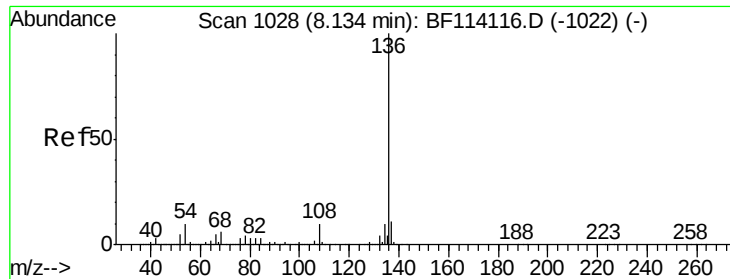
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#20
3+4-Methylphenols
Concen: 43.820 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	73.8	113.8
77	90.2	111.5	151.5#
79	28.5	12.0	52.0





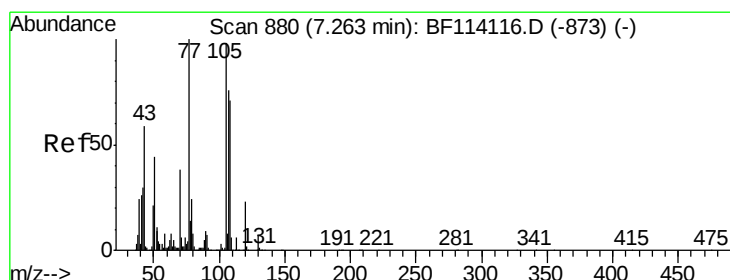
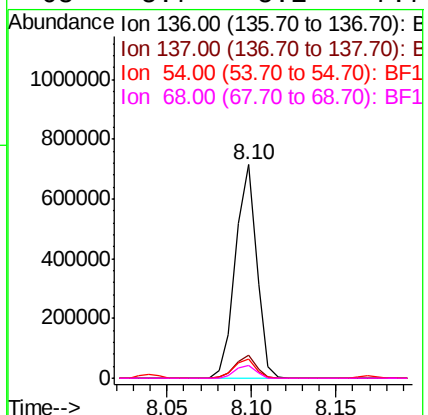
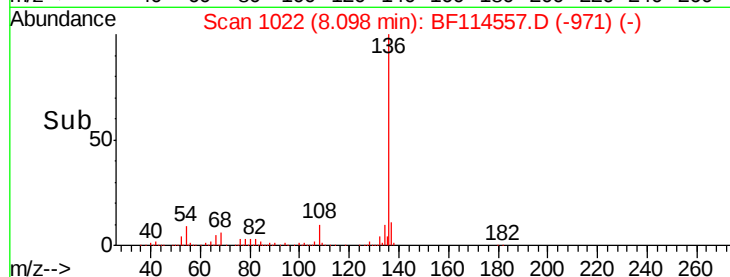
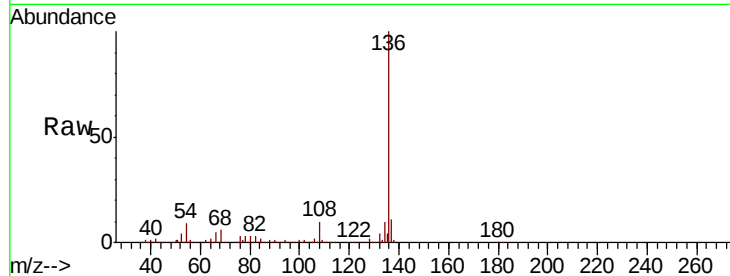
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		625786		
137	10.6		8.8	13.2	
54	8.8		7.8	11.8	
68	5.7		5.1	7.7	

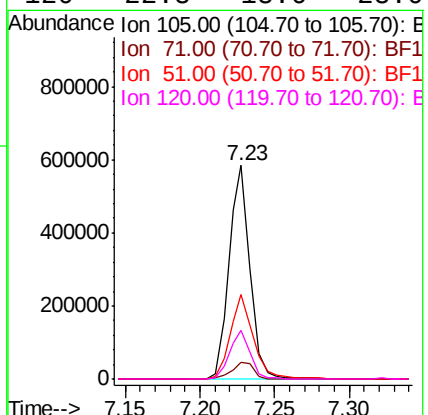
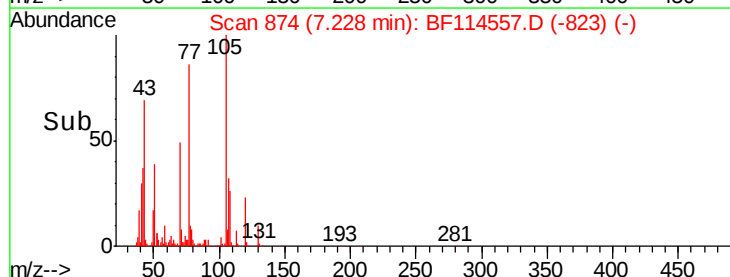
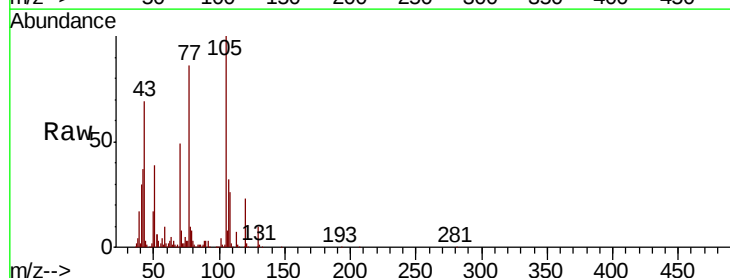
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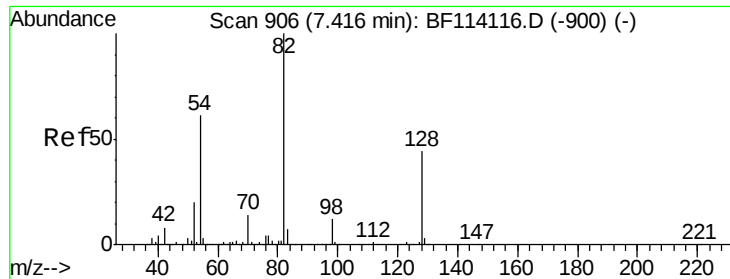
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#22
Acetophenone
Concen: 41.672 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		577704		
71	8.0		5.3	7.9#	
51	39.4		36.2	54.4	
120	22.8		18.6	28.0	





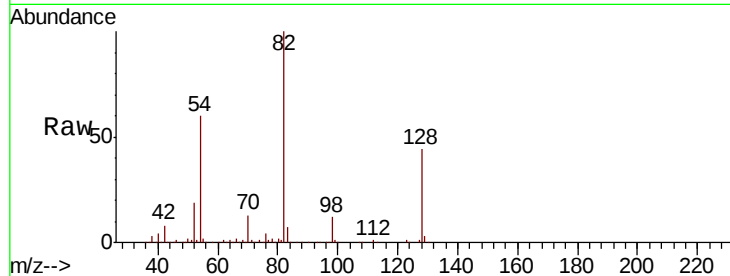
#23
 Nitrobenzene-d5
 Concen: 81.035 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	903610		
128	43.9	35.5	53.3	
54	59.8	48.5	72.7	

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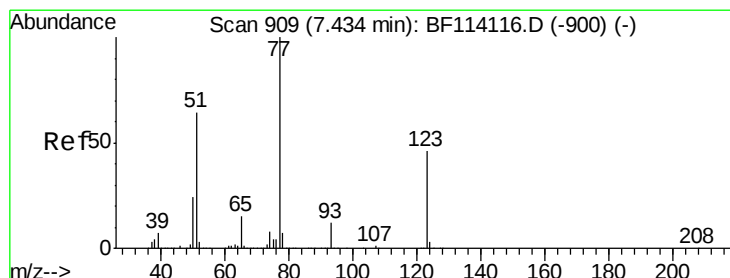
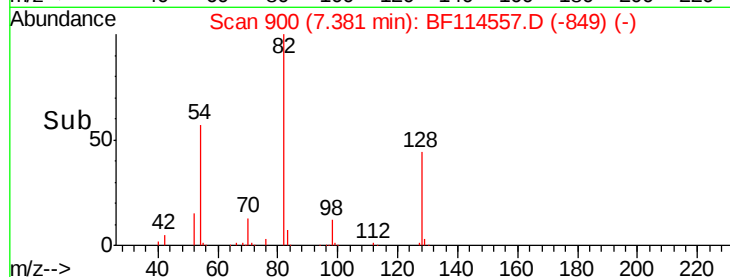
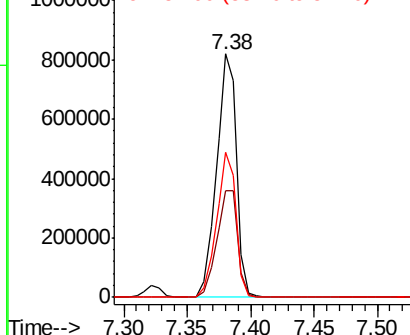


Abundance

Ion 82.00 (81.70 to 82.70): BF1

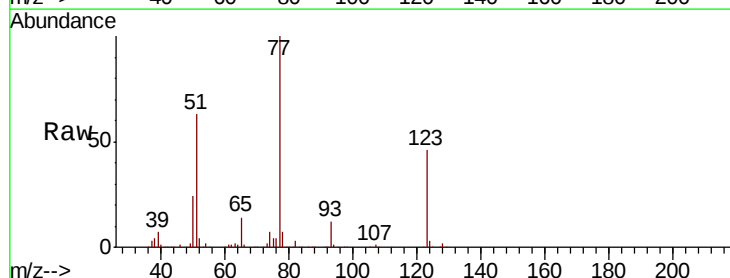
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 40.818 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	463581		
123	46.2	36.9	55.3	
65	14.2	11.8	17.6	

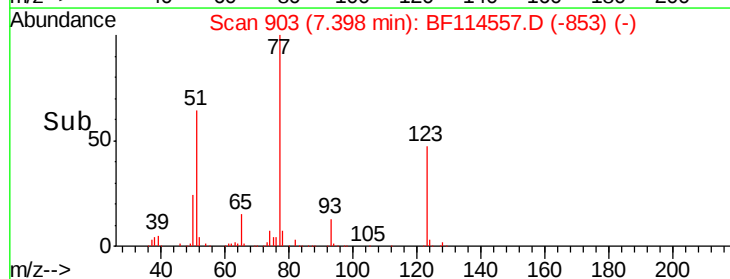
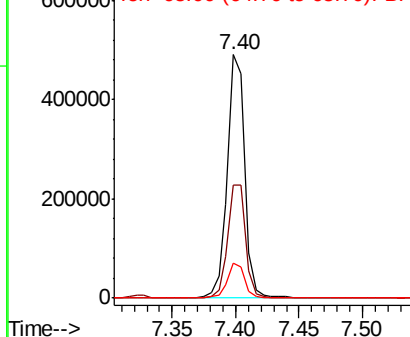


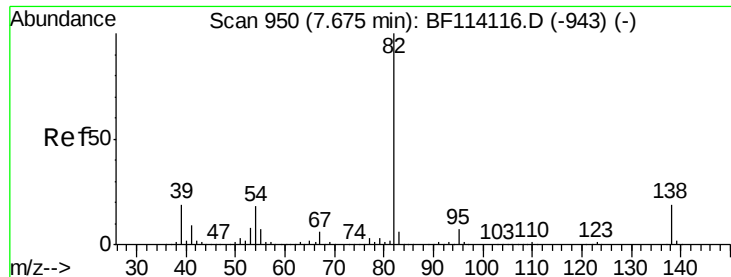
Abundance

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: 39.687 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

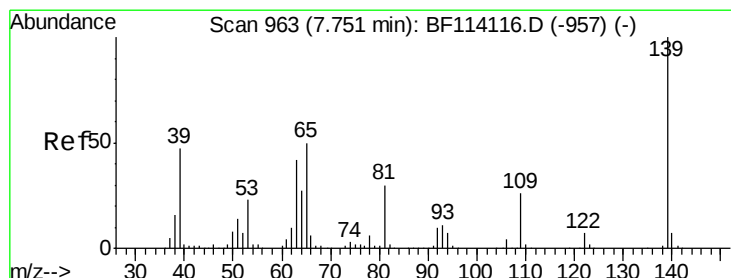
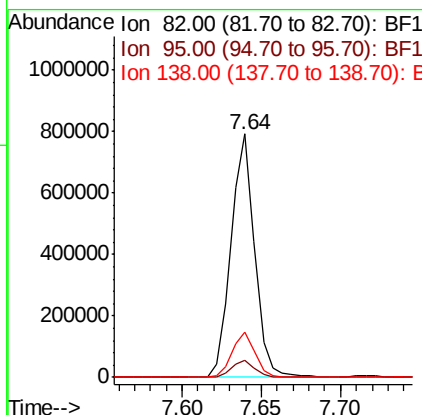
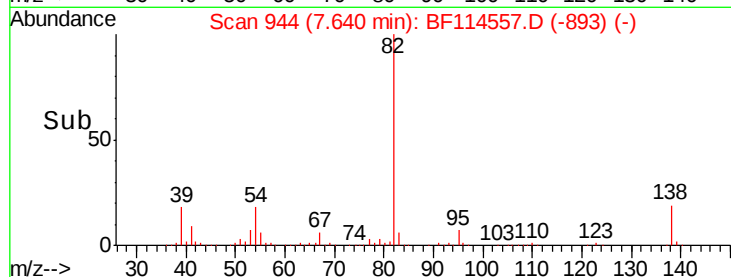
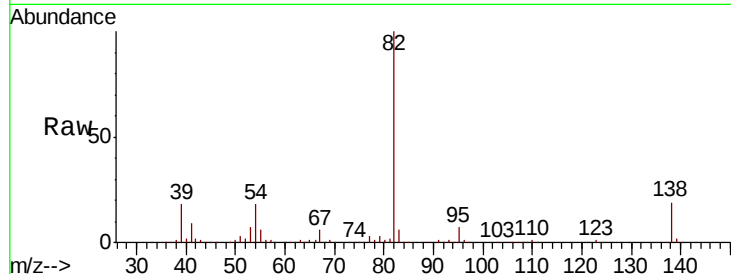
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	820740
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.6	8.4
138	18.5	14.8	22.2

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#26

2-Nitrophenol

Concen: 42.101 ng

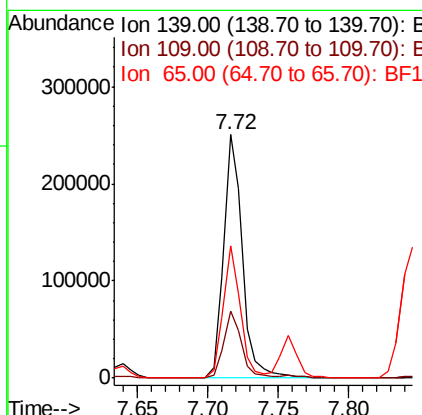
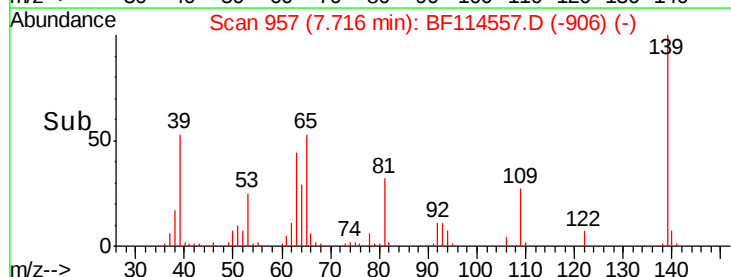
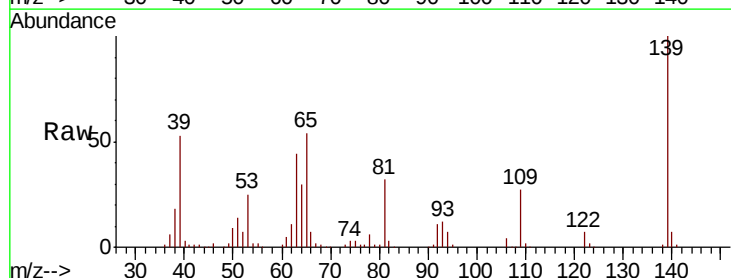
RT: 7.72 min Scan# 957

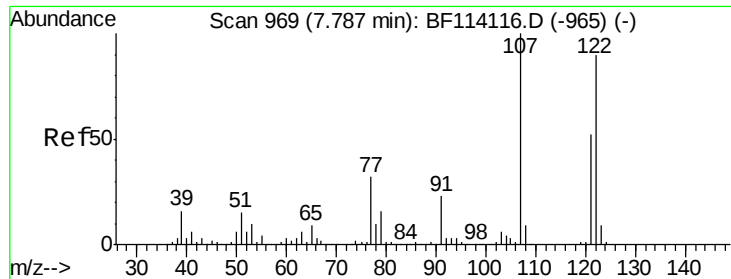
Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Tgt Ion:	139	Resp:	231982
Ion Ratio	Lower	Upper	
139	100		
109	27.5	20.7	31.1
65	54.2	40.2	60.2





#27

2,4-Dimethylphenol

Concen: 39.427 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

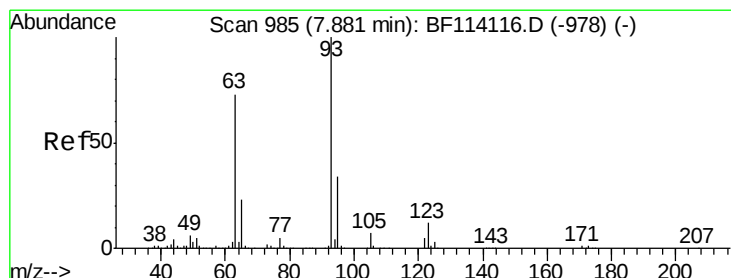
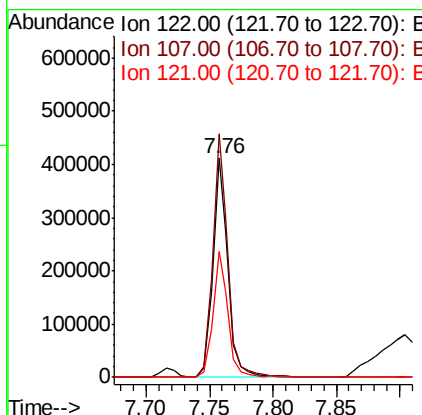
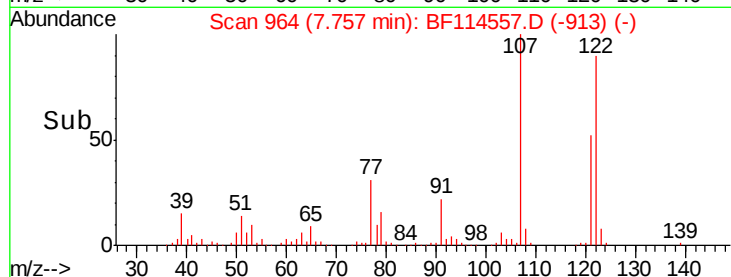
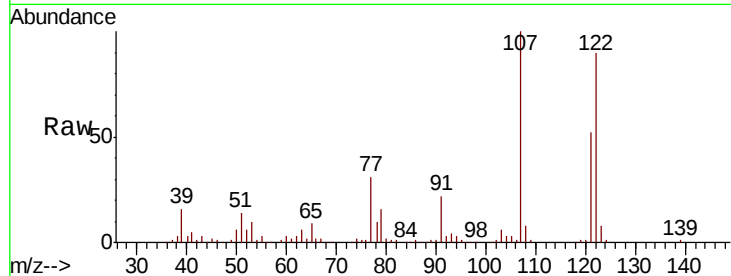
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	341205
Ion Ratio	Lower	Upper	
122	100		
107	111.2	88.4	132.6
121	57.7	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 40.047 ng

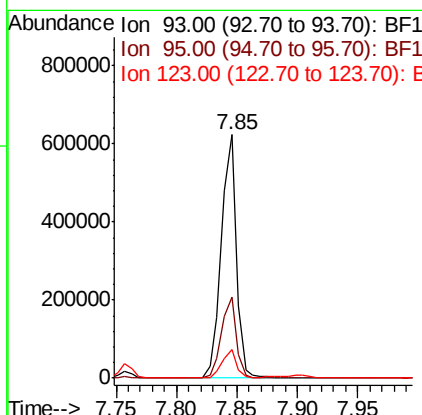
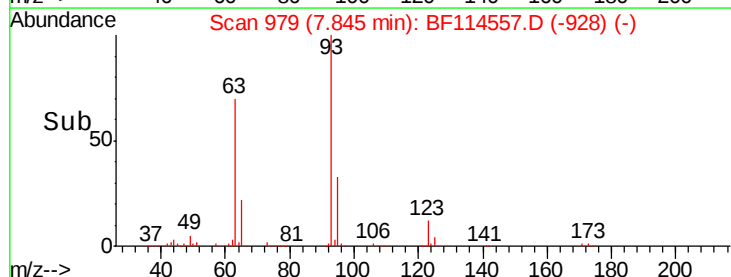
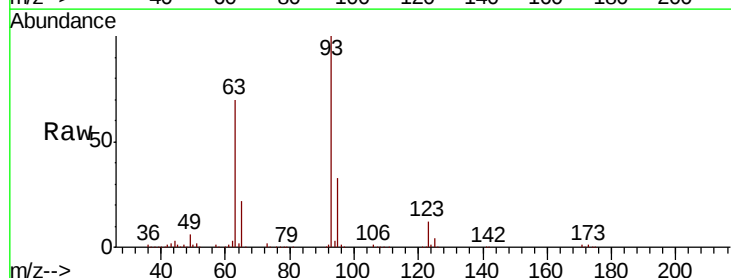
RT: 7.85 min Scan# 979

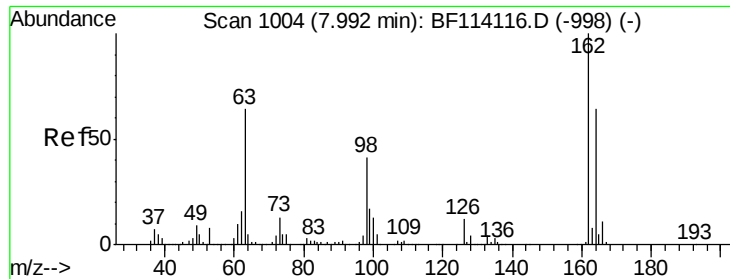
Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Tgt Ion:	93	Resp:	537363
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.8	40.2
123	11.9	9.5	14.3





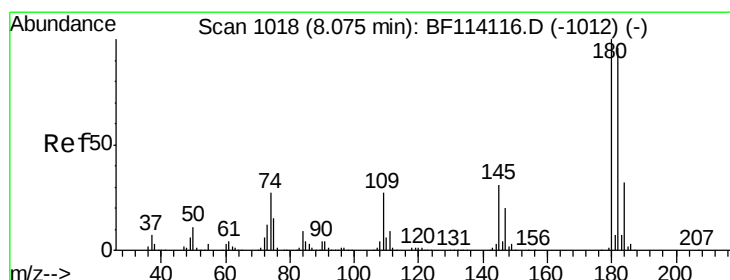
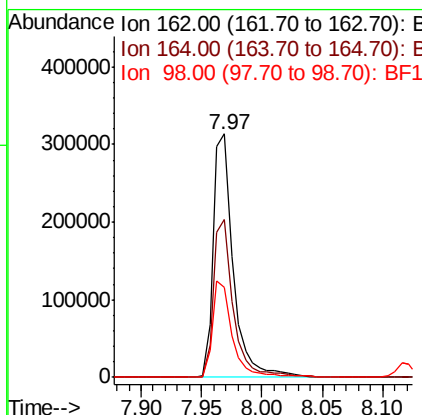
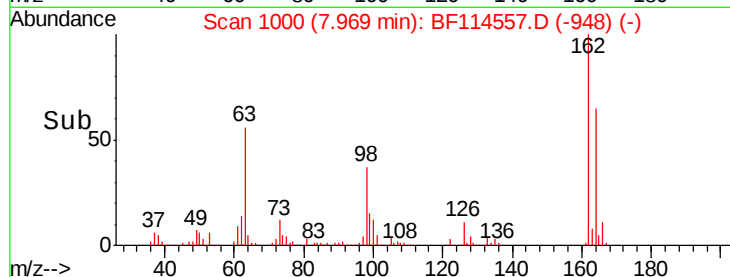
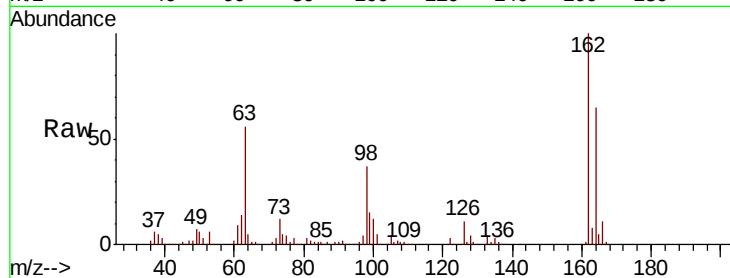
#29
 2,4-Dichlorophenol
 Concen: 41.357 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	356393		
164	65.1	43.6	83.6	
98	36.9	20.6	60.6	

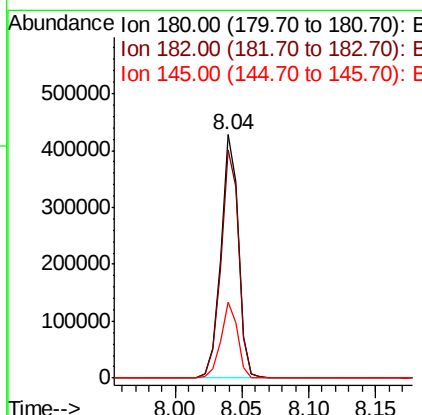
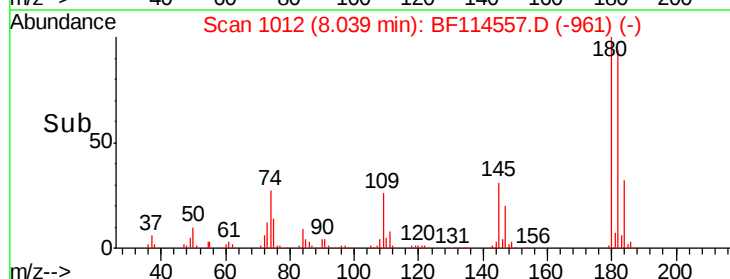
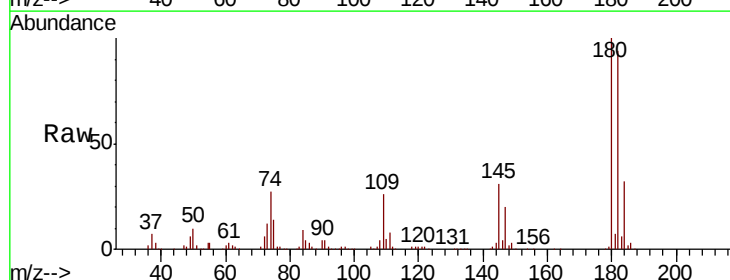
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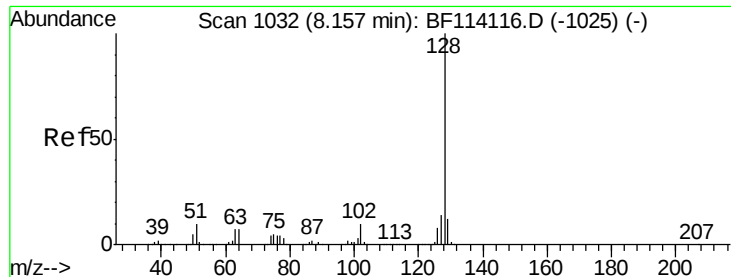
mohammad
 5/27/2019 3:47:49 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.602 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	397867		
182	94.0	76.6	114.8	
145	31.1	25.1	37.7	





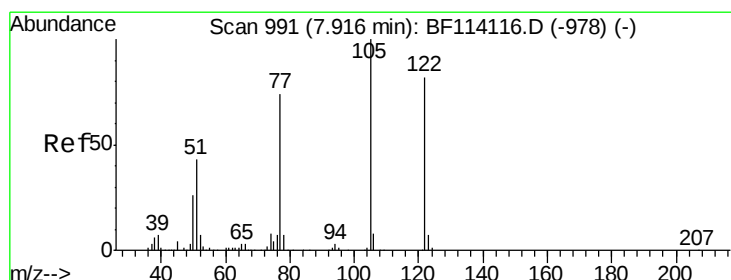
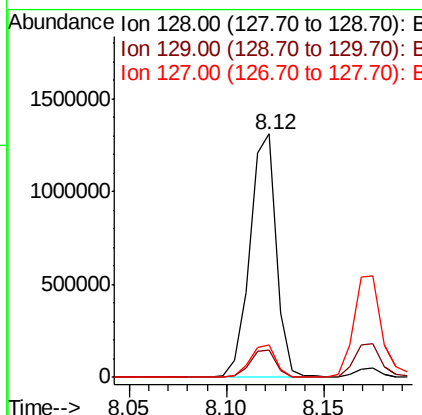
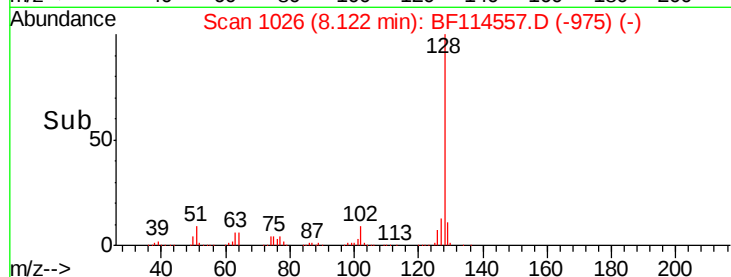
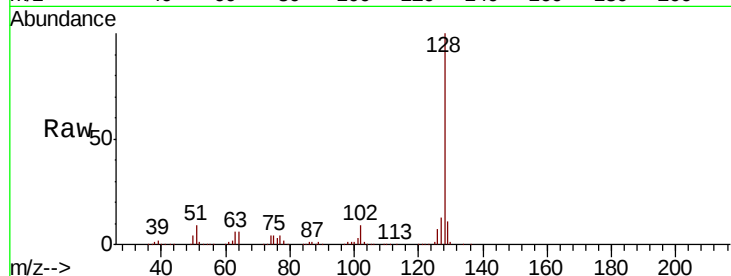
#31
Naphthalene
Concen: 42.115 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	13.3	11.3	16.9

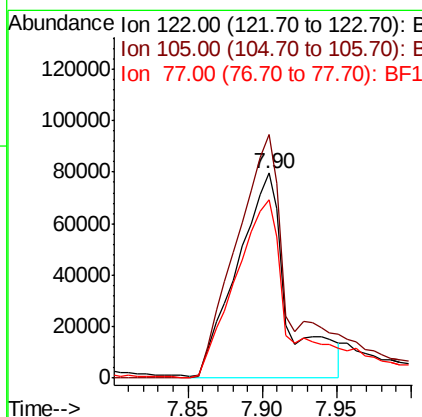
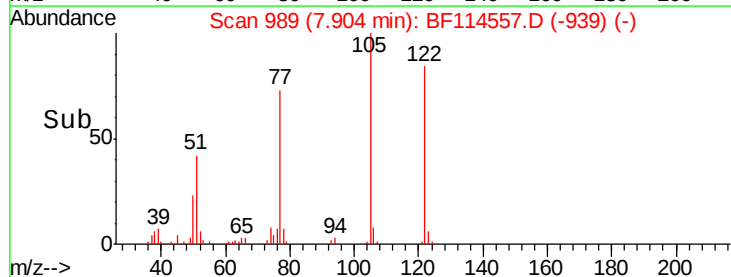
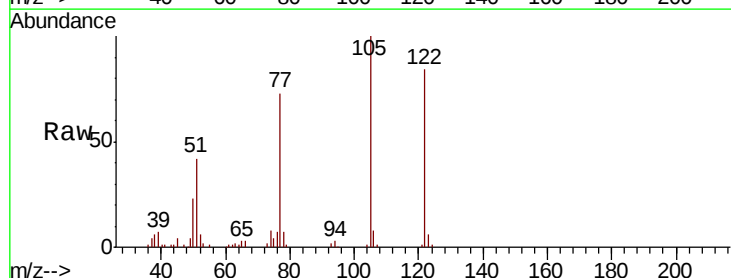
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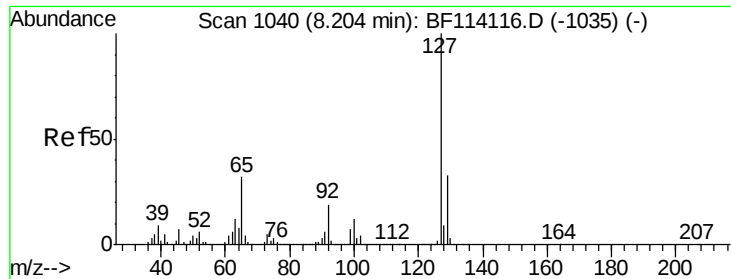
mohammad
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#32
Benzoic acid
Concen: 33.374 ng m
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.7	99.9	139.9
77	86.8	69.4	109.4





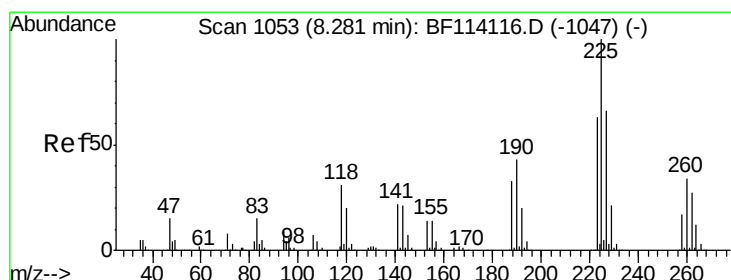
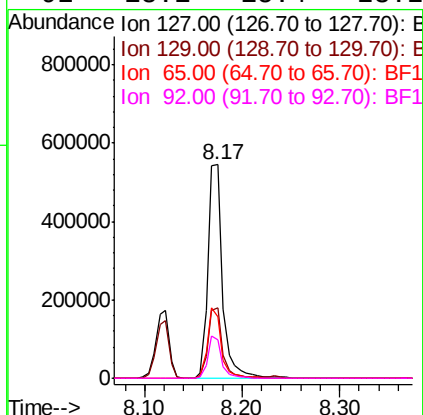
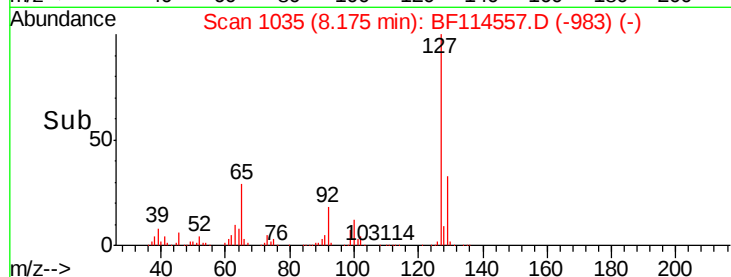
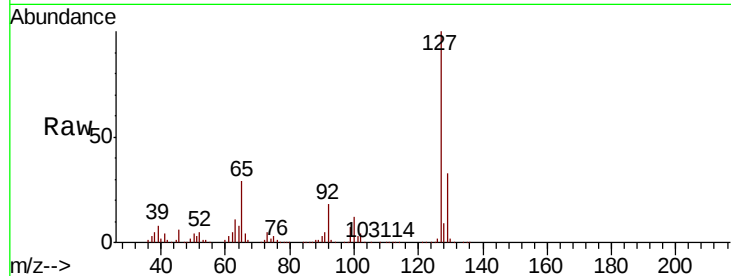
#33
4-Chloroaniline
Concen: 42.687 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.7	40.1		
65	28.8	25.4	38.0		
92	18.1	15.4	23.2		

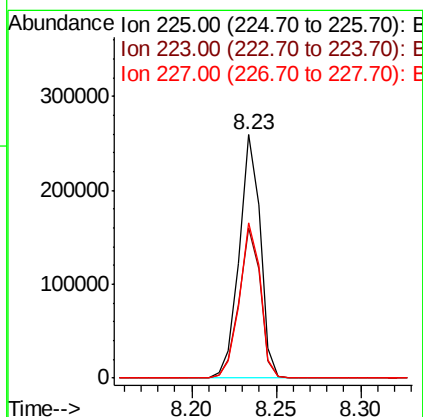
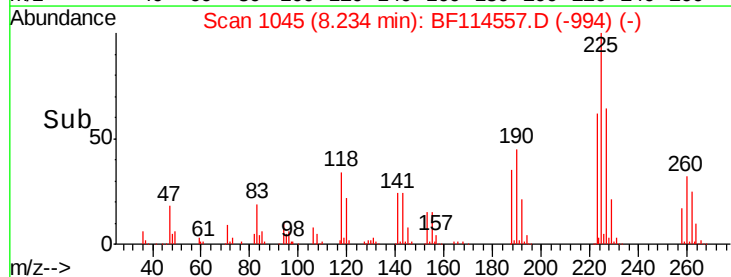
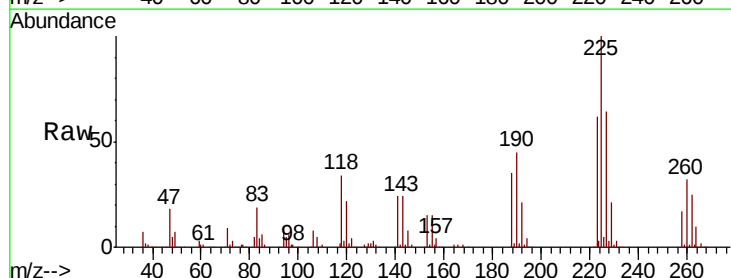
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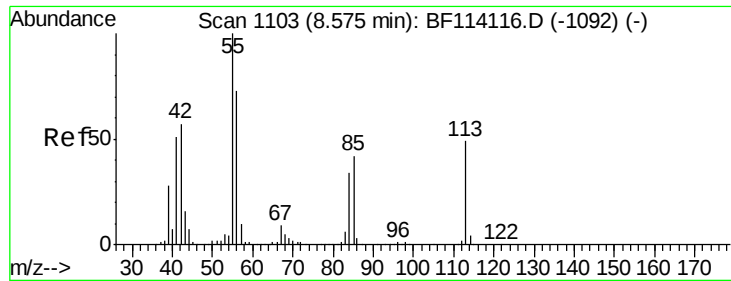
mohammad
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#34
Hexachlorobutadiene
Concen: 40.354 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	50.2	75.2		
227	63.7	52.6	79.0		





#35

Caprolactam

Concen: 43.584 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

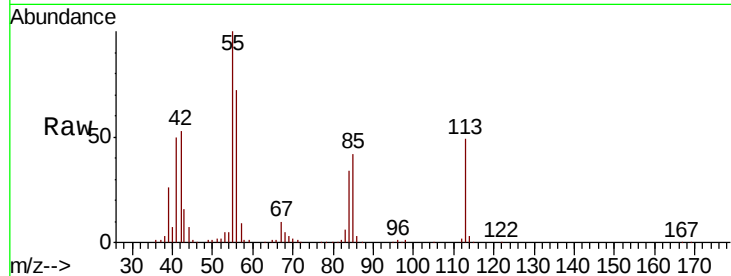
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	205.5	183.5	223.5
56	148.0	128.8	168.8

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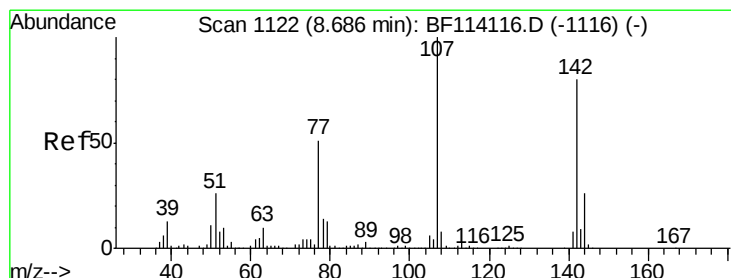
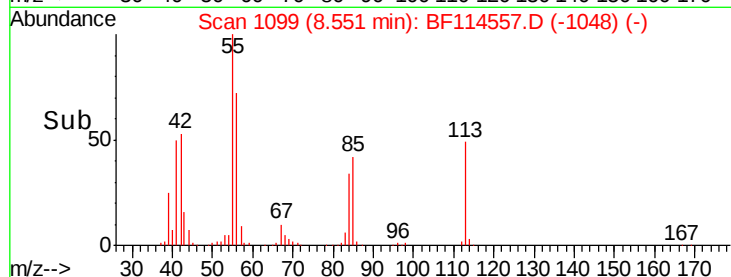
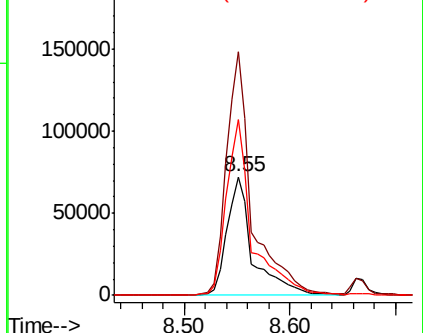


Abundance

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: 42.928 ng

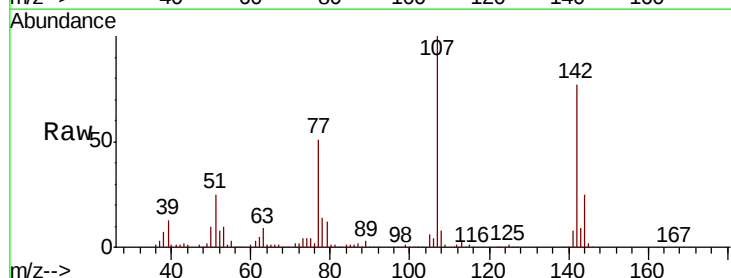
RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.4	30.6
142	76.8	64.2	96.4

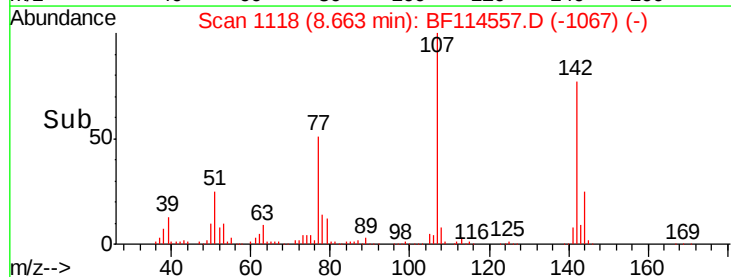
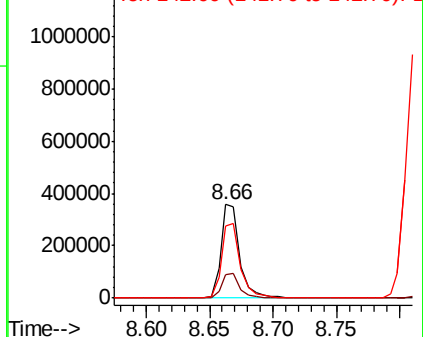


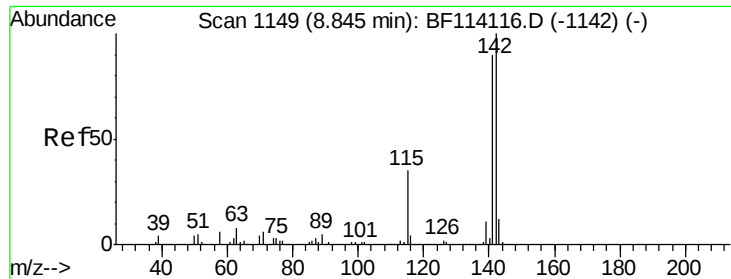
Abundance

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





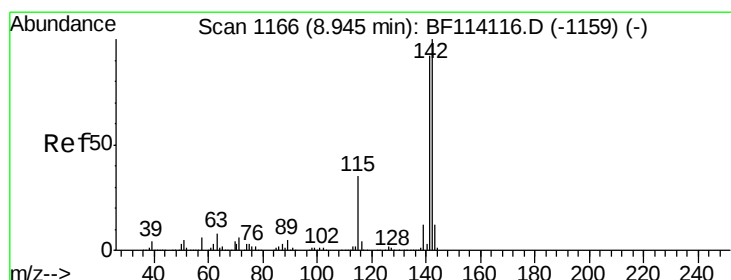
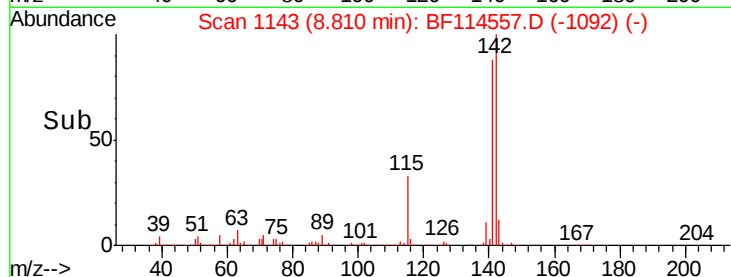
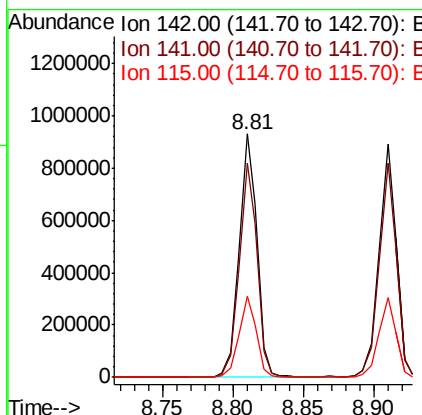
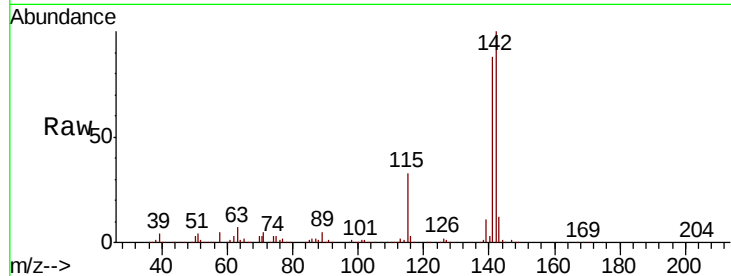
#37
2-Methylnaphthalene
Concen: 43.078 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.1	108.1
115	33.3	28.0	42.0

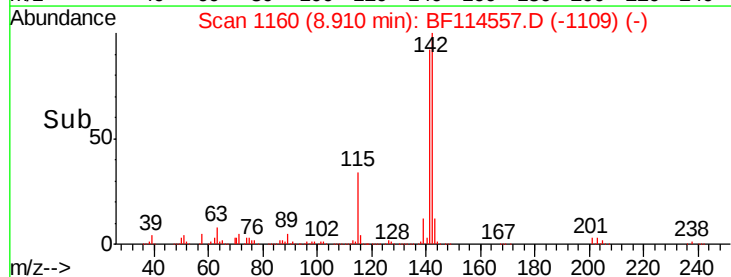
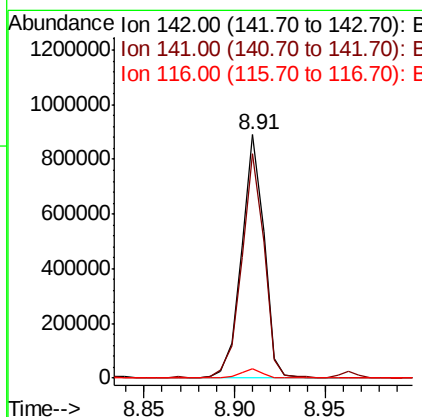
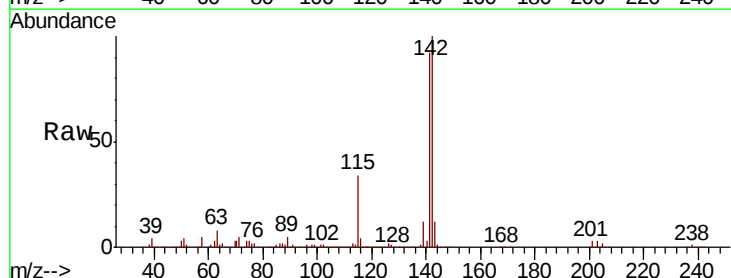
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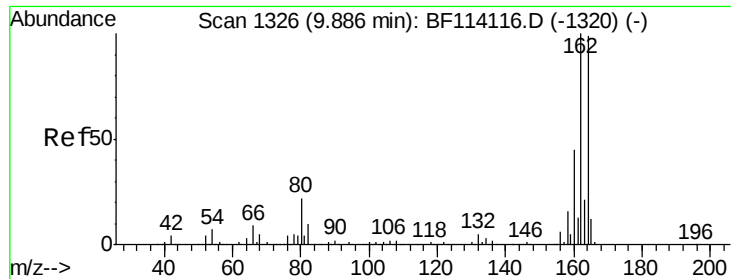
mohammad
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#38
1-Methylnaphthalene
Concen: 42.742 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.4	110.0
116	3.7	3.1	4.7





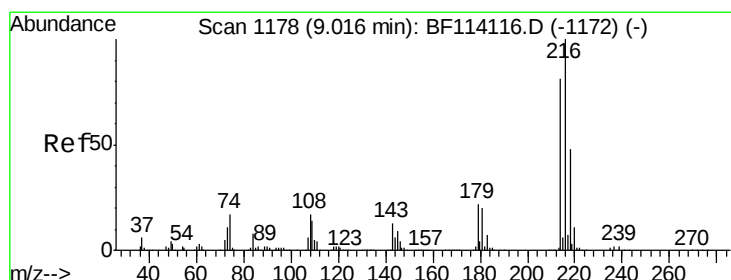
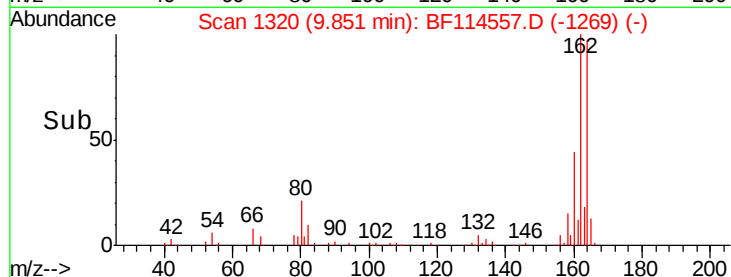
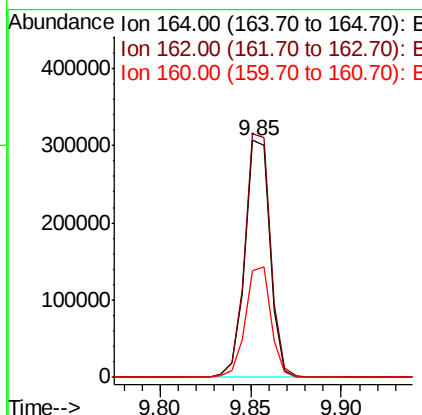
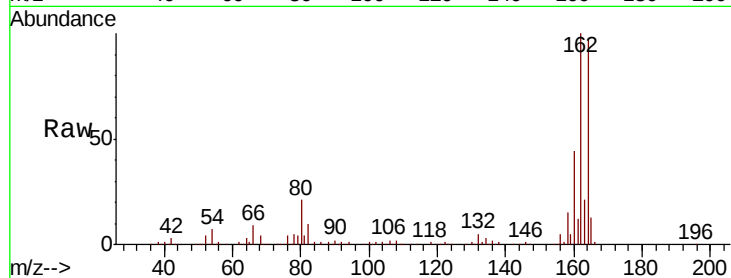
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	80.6	120.8	
160	44.9	36.5	54.7	

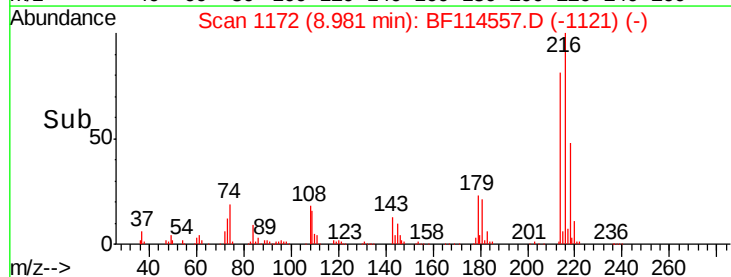
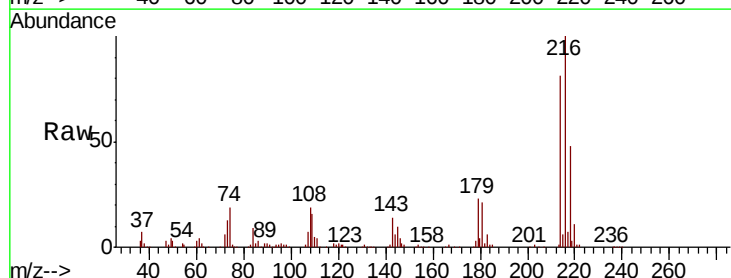
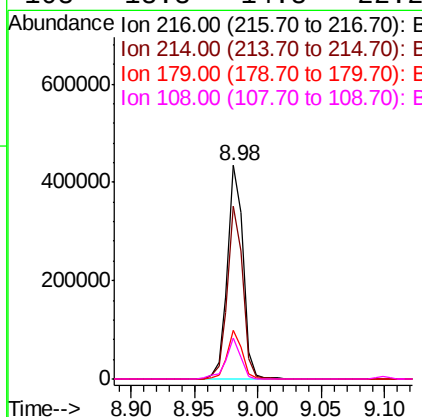
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.568 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.9	95.9	
179	21.2	17.0	25.6	
108	18.3	14.8	22.2	





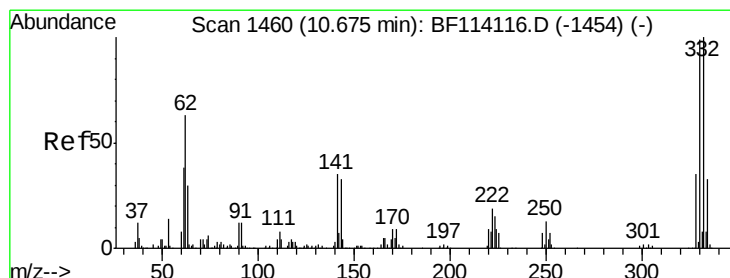
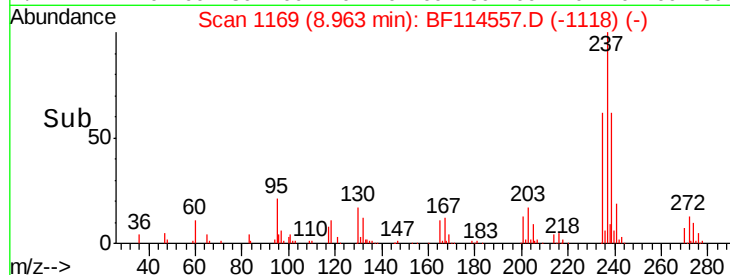
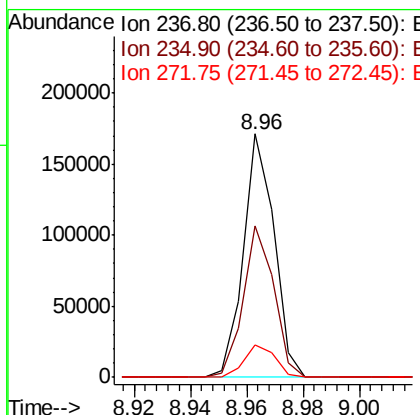
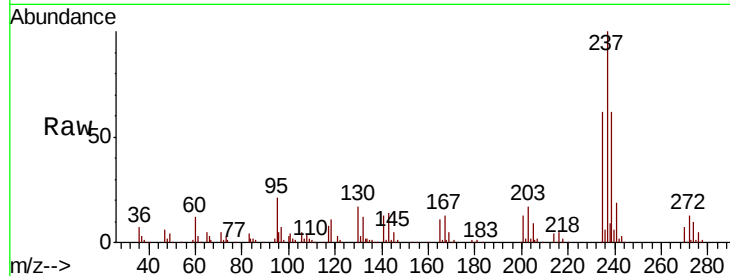
#41
Hexachlorocyclopentadiene
Concen: 33.666 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
237	100	129406		
235	62.0	42.0	82.0	
272	13.2	0.0	32.4	

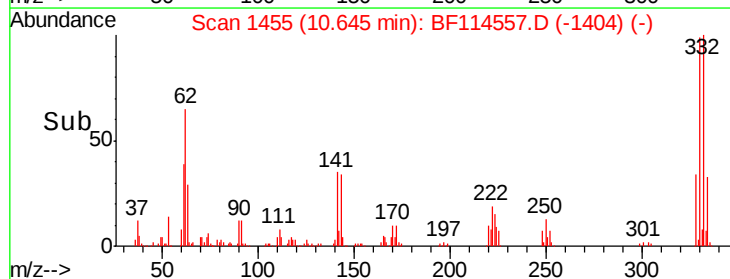
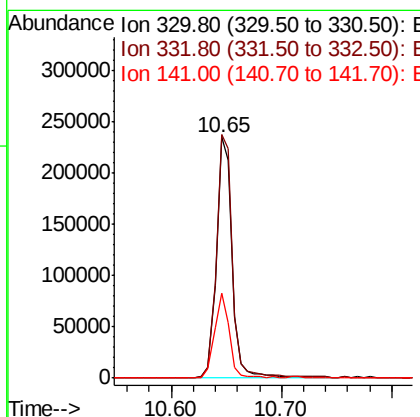
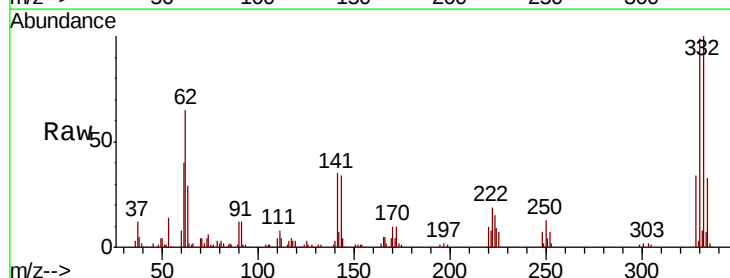
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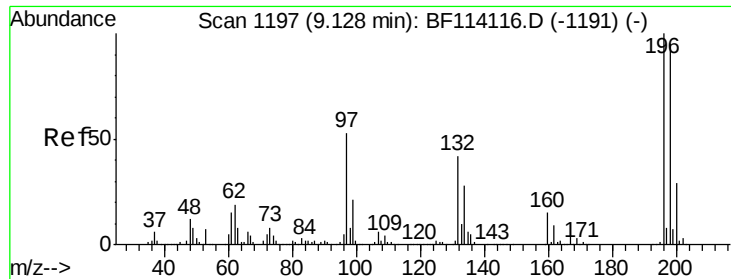
mohammad
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#42
2,4,6-Tribromophenol
Concen: 75.994 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	232248		
332	103.1	81.4	122.2	
141	33.1	26.6	40.0	





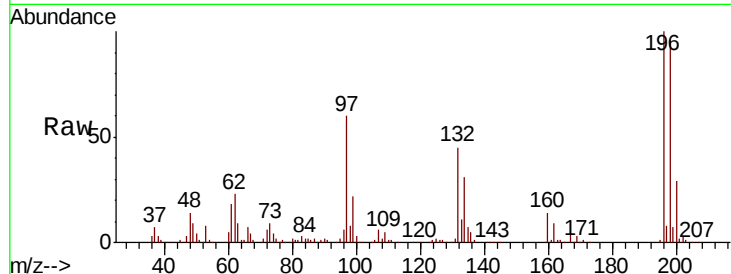
#43
 2,4,6-Trichlorophenol
 Concen: 39.816 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	245241		
198	95.8	75.9	113.9	
200	29.5	23.5	35.3	

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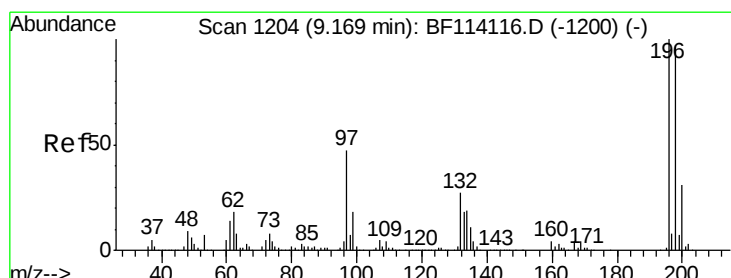
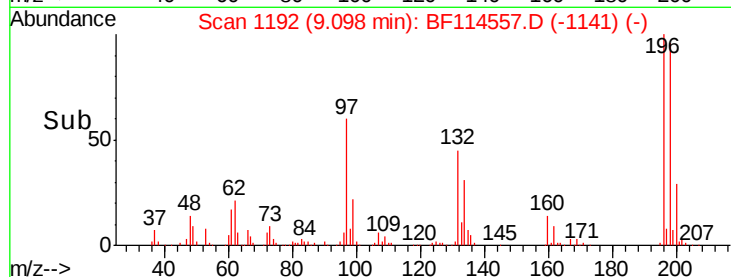
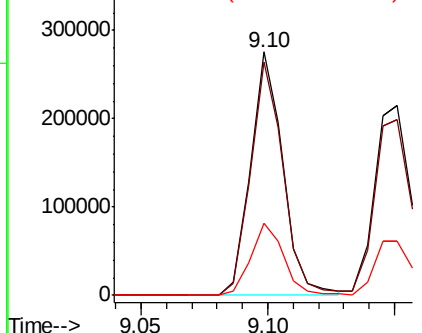


Abundance

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: 38.575 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	243667		
198	92.6	77.7	116.5	
97	44.0	38.2	57.2	
132	26.0	21.4	32.2	

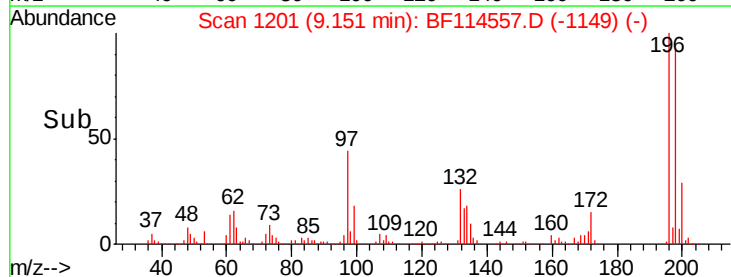
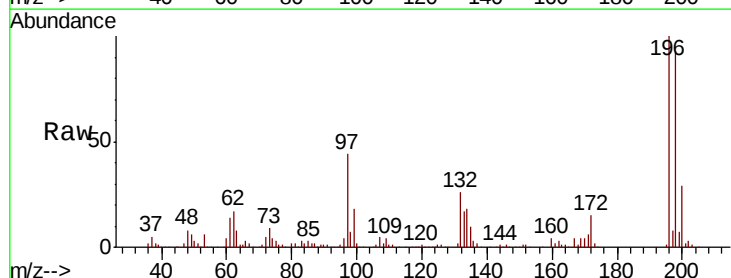
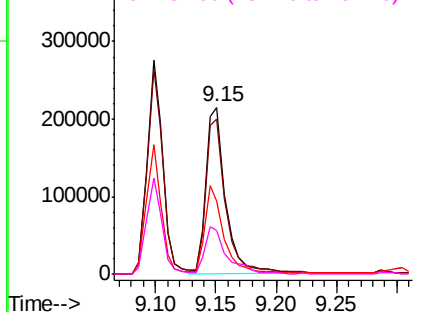
Abundance

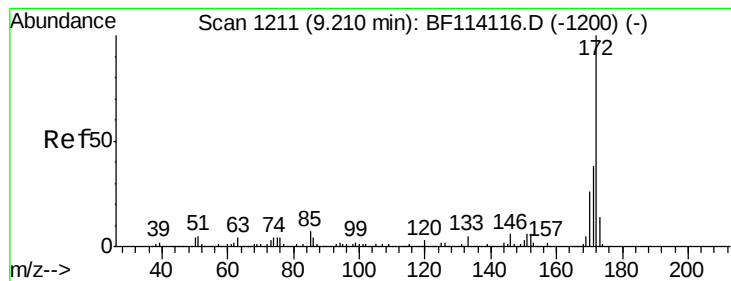
Ion 196.00 (195.70 to 196.70): E

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: 80.948 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 1581936

Ion Ratio Lower Upper

172 100

171 36.8 30.7 46.1

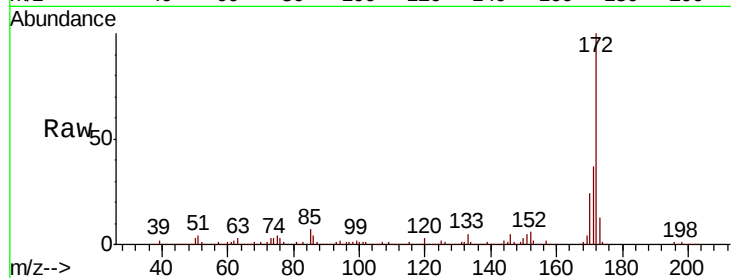
170 24.5 20.5 30.7

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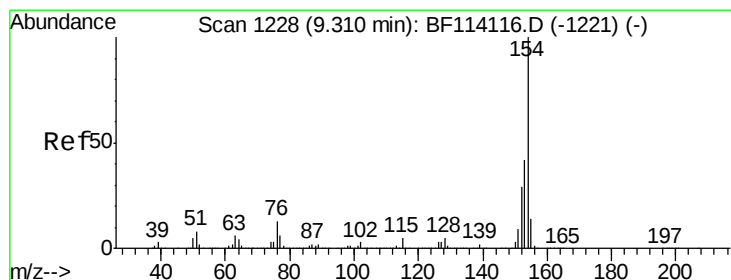
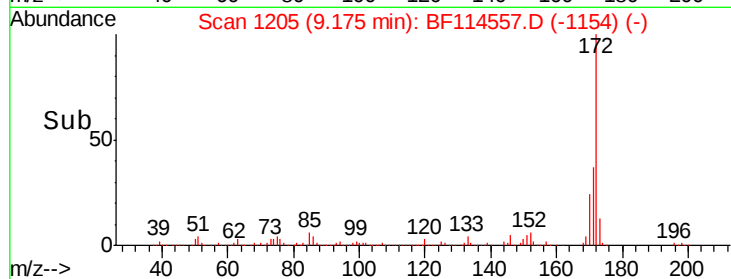
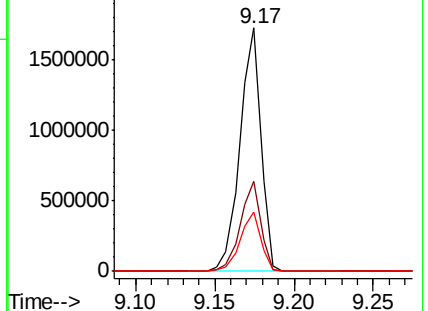
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.577 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

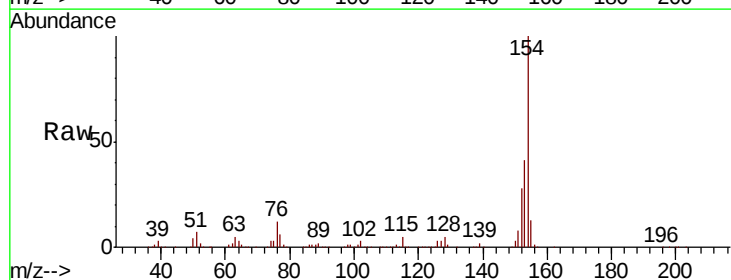
Tgt Ion:154 Resp: 992915

Ion Ratio Lower Upper

154 100

153 40.9 21.9 61.9

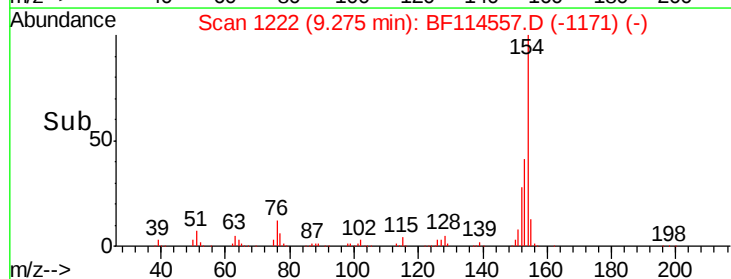
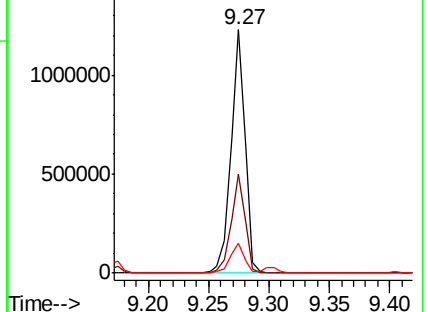
76 12.2 0.0 32.8

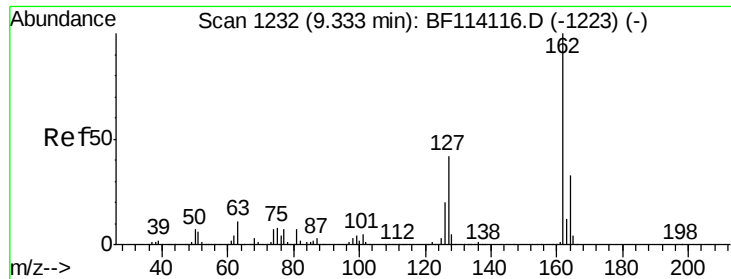


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





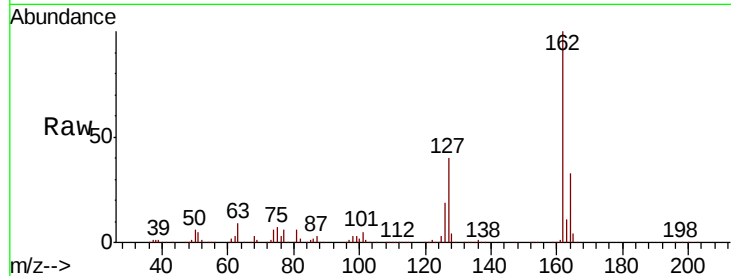
#47
 2-Chloronaphthalene
 Concen: 40.946 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

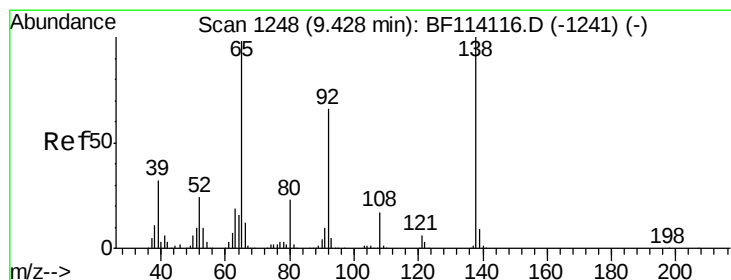
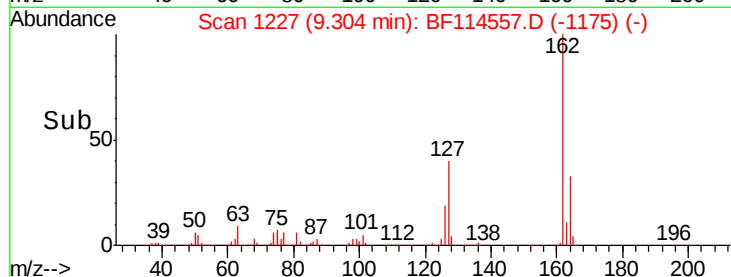
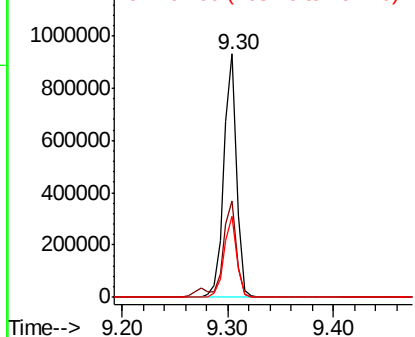
Tot Ion	Ratio	Resp	Lower	Upper
162	100	786963		
127	39.6		34.0	51.0
164	33.2		26.7	40.1

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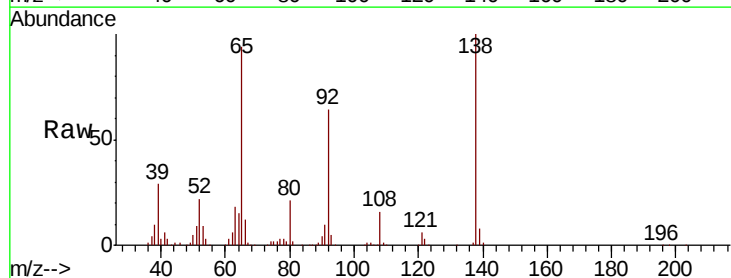


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

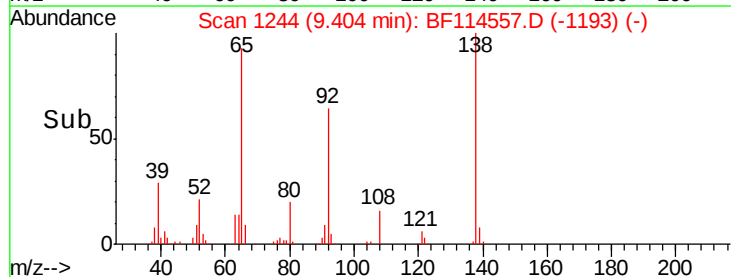
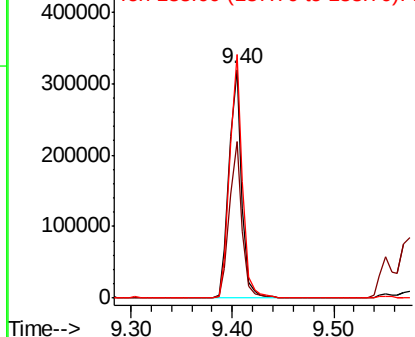


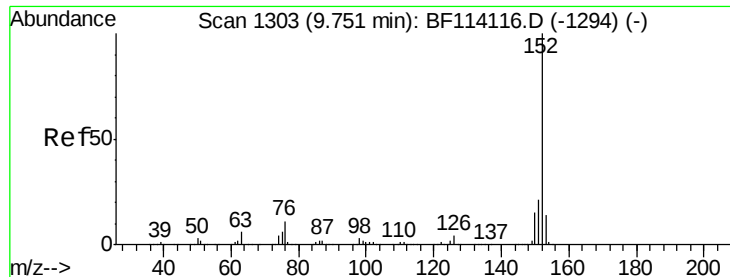
#48
 2-Nitroaniline
 Concen: 41.134 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	280377		
92	68.7		53.9	80.9
138	106.7		81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





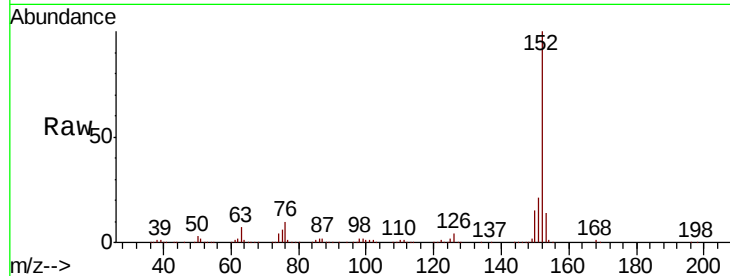
#49
Acenaphthylene
Concen: 41.450 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

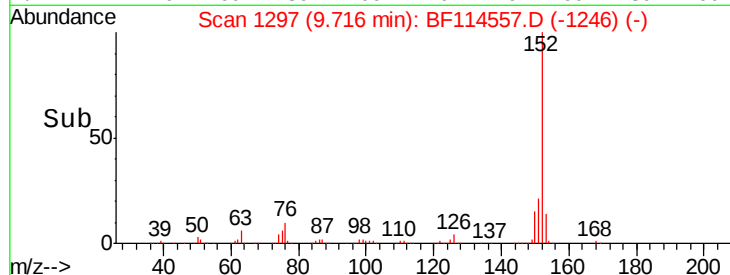
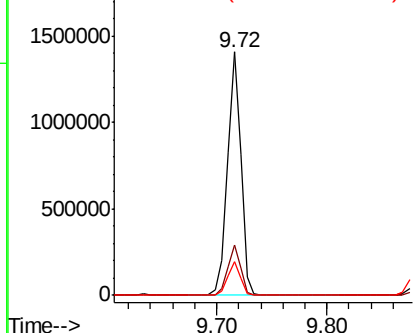
Tot Ion:152 Resp: 1211670
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.7 11.4 17.2

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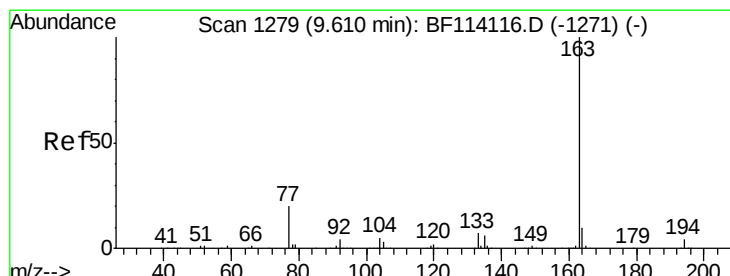


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

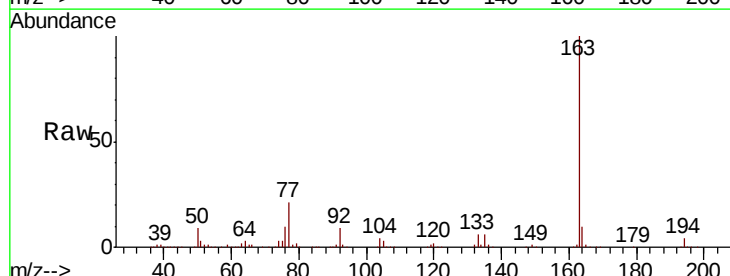
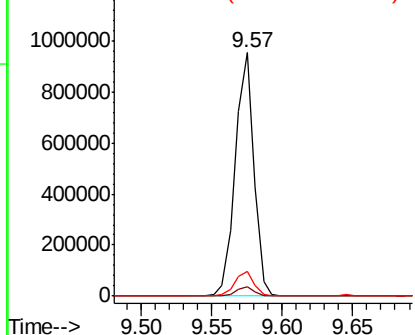


#50
Dimethylphthalate
Concen: 40.430 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion:163 Resp: 877356
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 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: 40.745 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

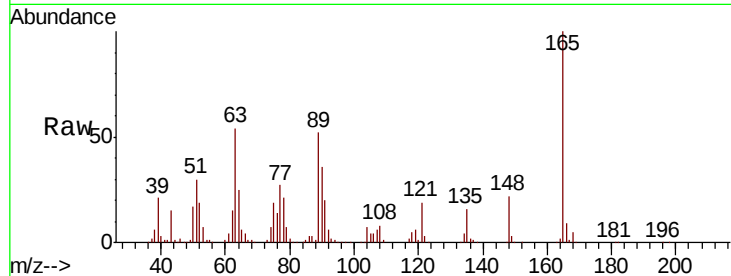
ClientSampleId :

SSTDCCC040

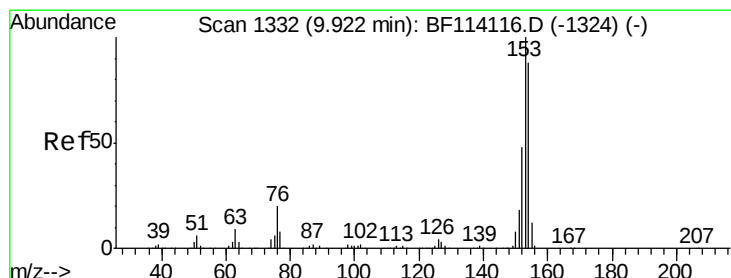
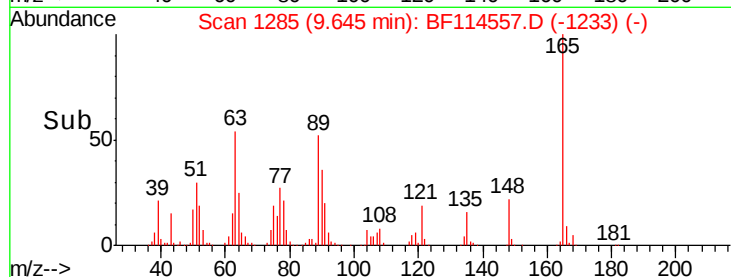
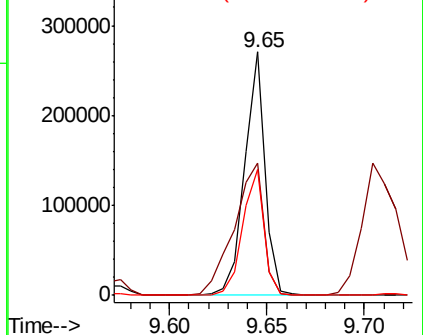
Tot Ion:	165	Resp:	196114
Ion Ratio	Lower	Upper	
165	100		
63	54.4	50.2	75.4
89	51.8	46.6	69.8

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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: 40.113 ng

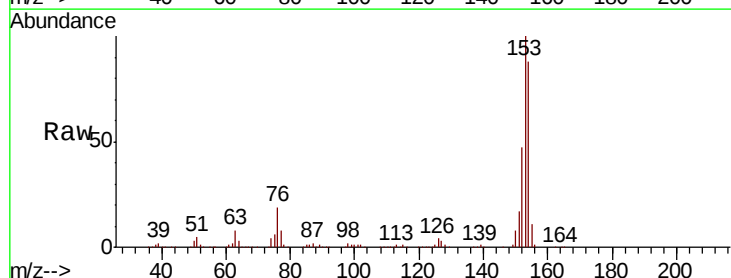
RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

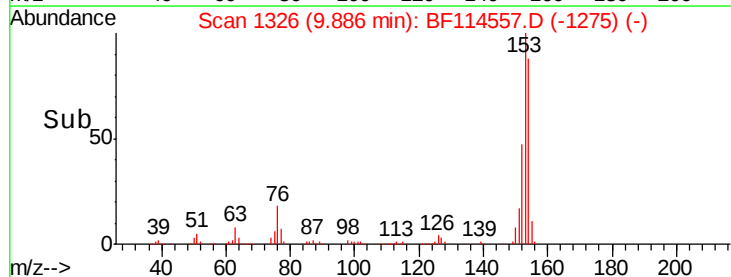
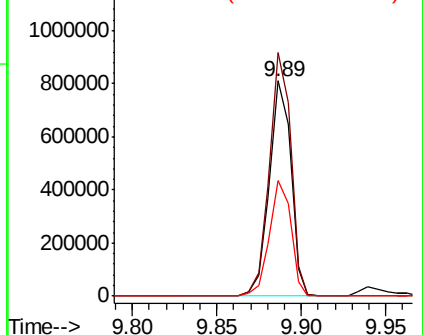
Lab File: BF114557.D

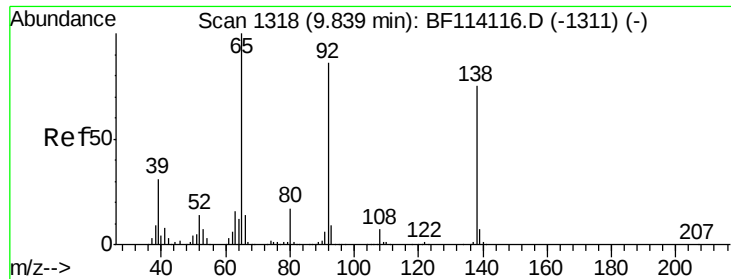
Acq: 24 May 2019 9:19

Tgt Ion:	154	Resp:	719544
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.5	135.7
152	53.6	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





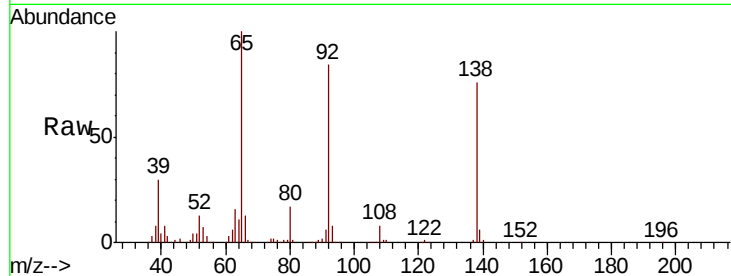
#53
3-Nitroaniline
Concen: 42.289 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.8	11.6
92	111.5	91.2	136.8

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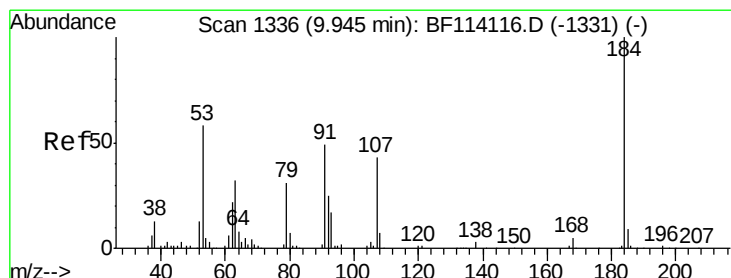
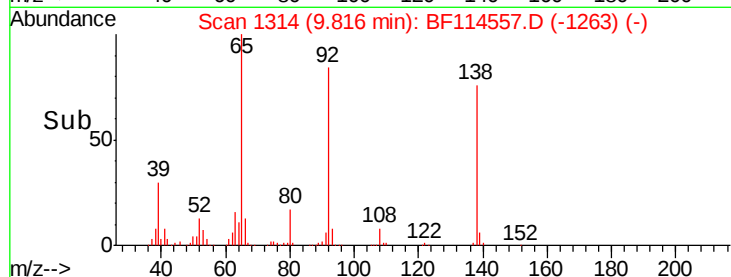
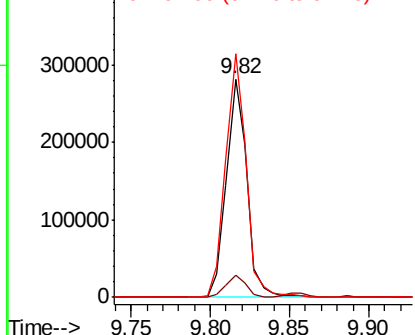


Abundance

Ion 138.00 (137.70 to 138.70): E

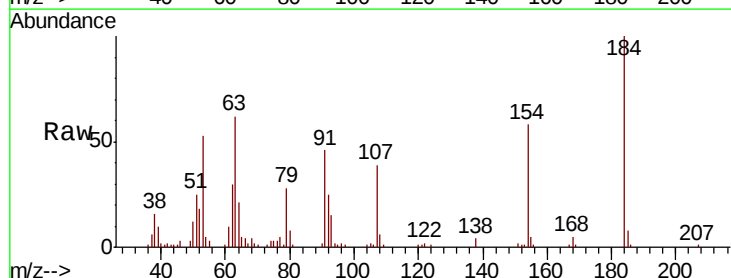
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 38.666 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.8	55.6	83.4
154	57.8	46.0	69.0

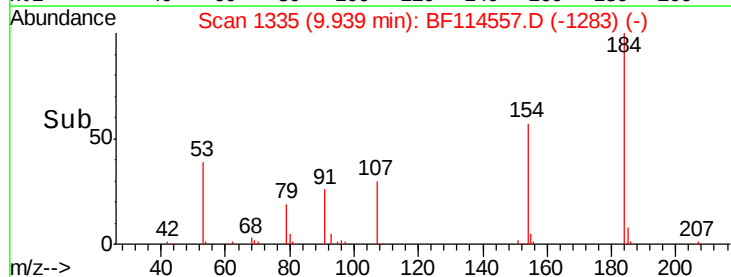
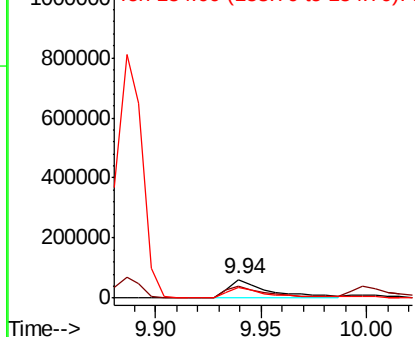


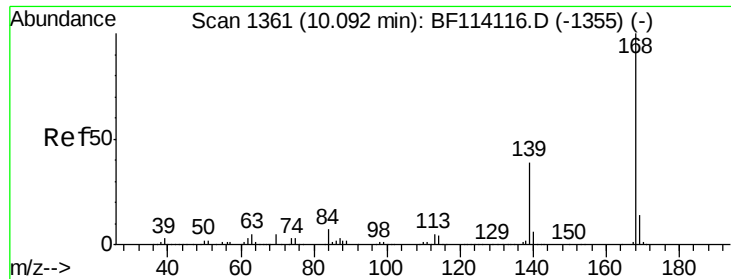
Abundance

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





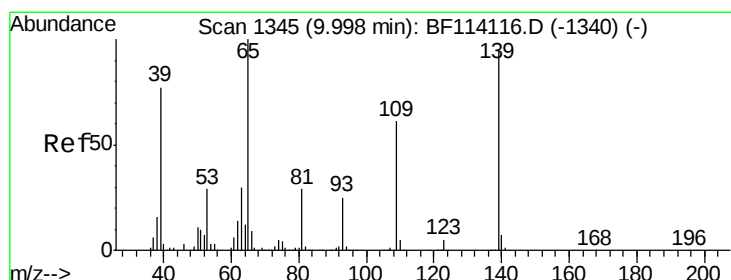
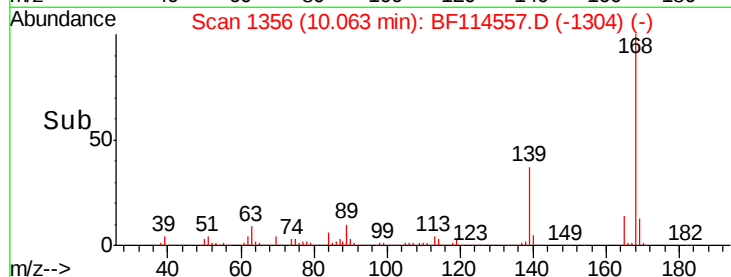
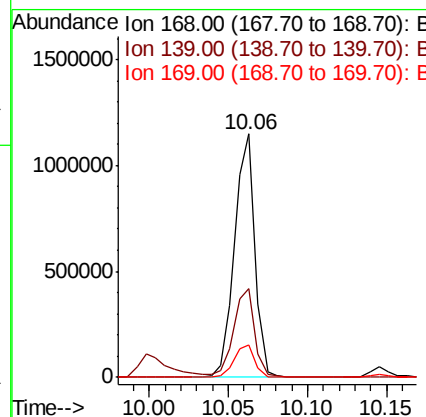
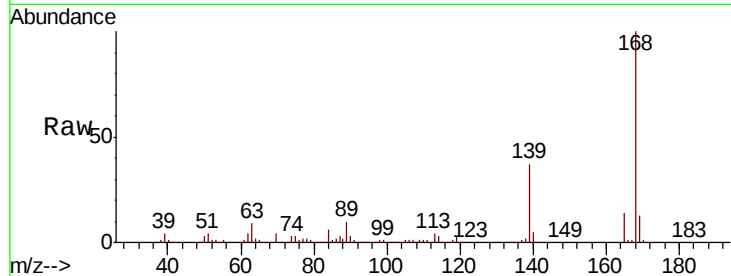
#55
Dibenzofuran
Concen: 38.912 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	31.1	46.7
169	13.2	11.4	17.0

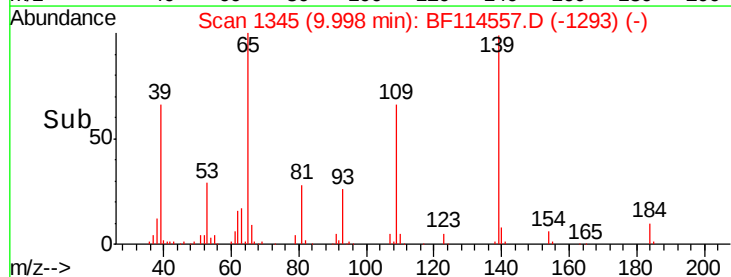
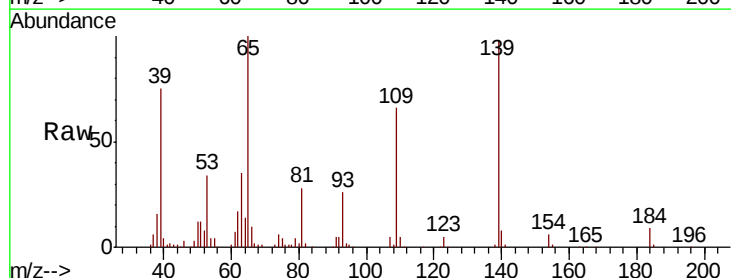
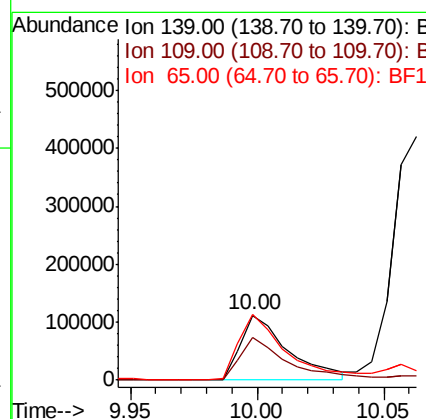
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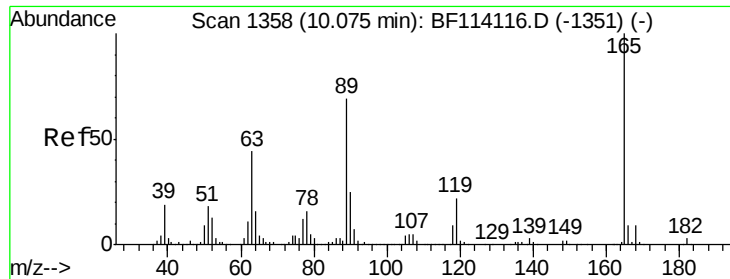
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#56
4-Nitrophenol
Concen: 34.592 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.8	43.9	83.9
65	101.6	85.7	125.7





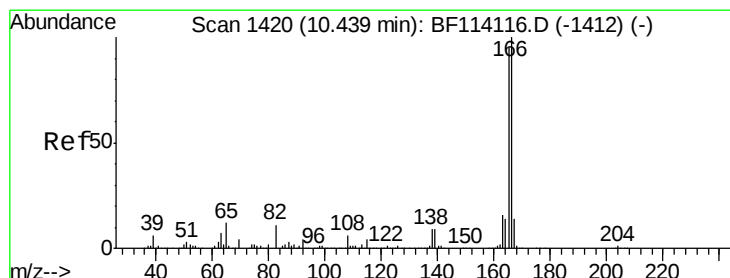
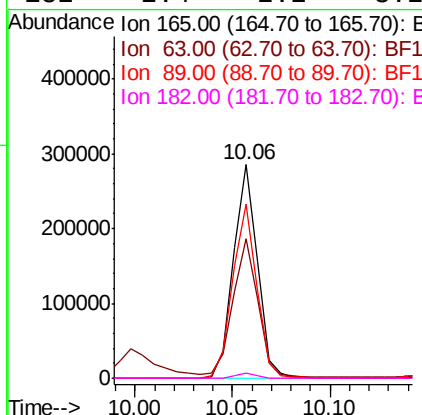
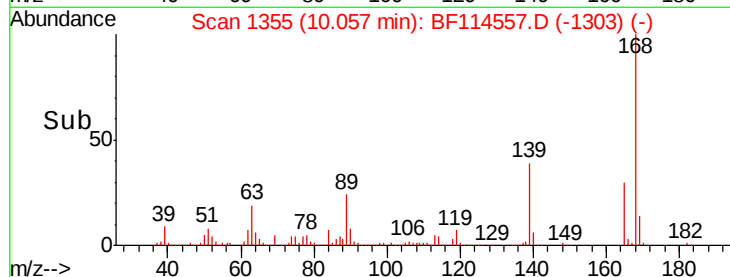
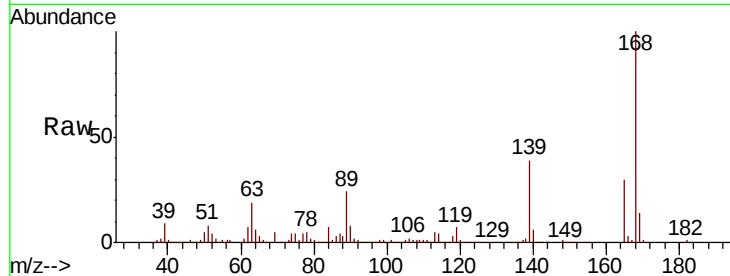
#57
2,4-Dinitrotoluene
Concen: 37.187 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.0	35.5	53.3#
89	81.4	55.2	82.8
182	2.4	2.2	3.2

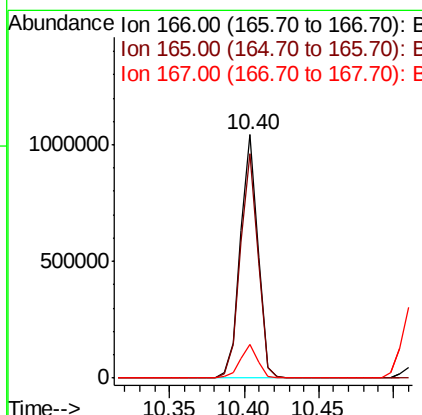
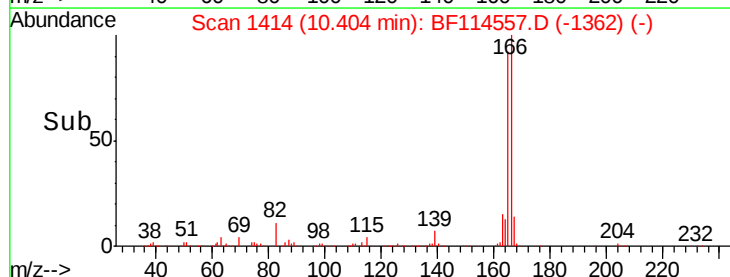
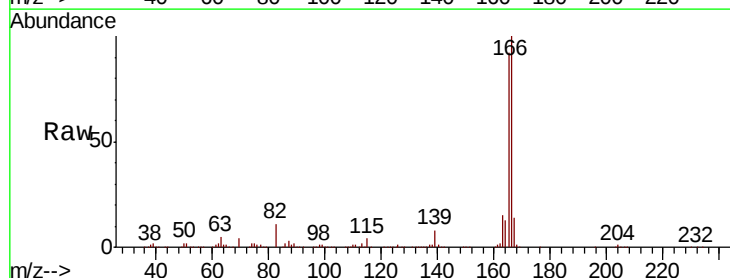
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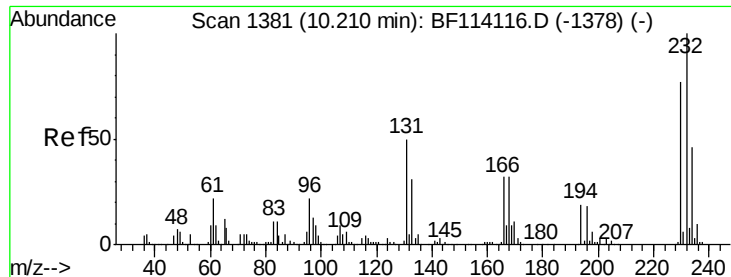
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#58
Fluorene
Concen: 42.262 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.3	76.1	114.1
167	13.6	11.1	16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.326 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 208887
Ion Ratio Lower Upper

232 100

131 43.7 35.6 53.4

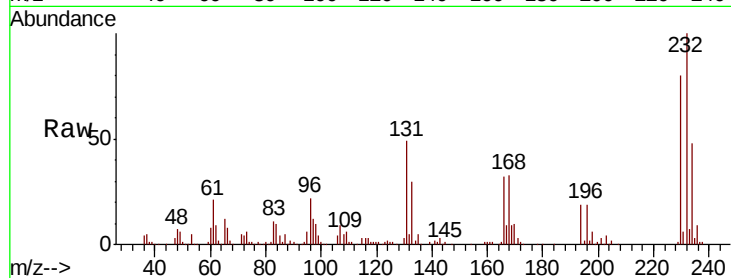
130 2.2 1.6 2.4

166 28.7 24.1 36.1

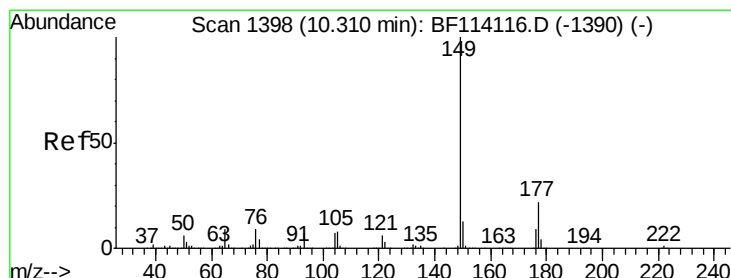
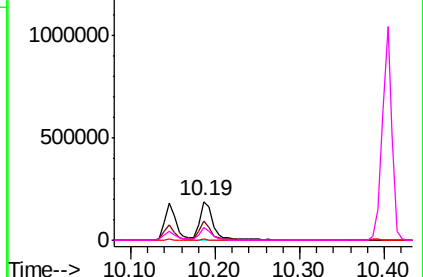
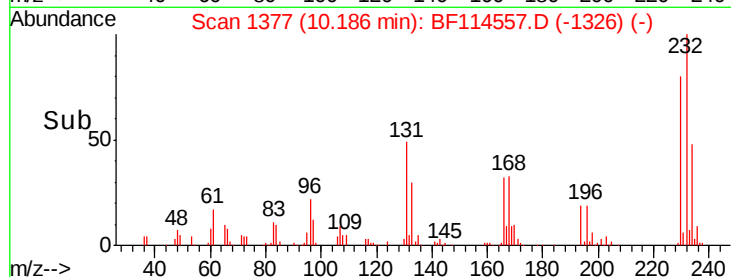
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.522 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BF114557.D

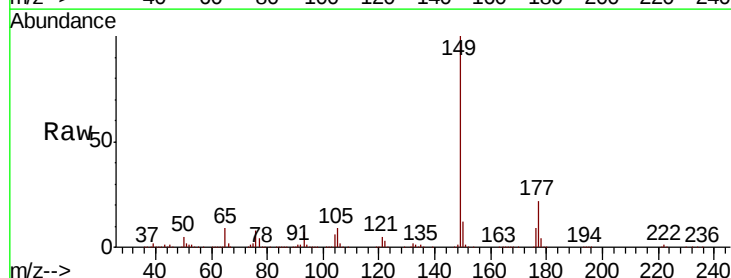
Acq: 24 May 2019 9:19

Tgt Ion:149 Resp: 871439
Ion Ratio Lower Upper

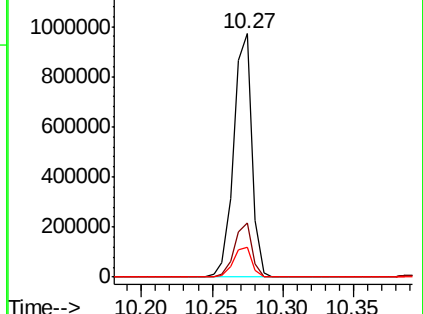
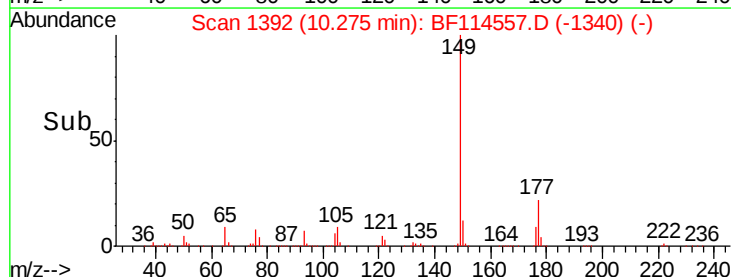
149 100

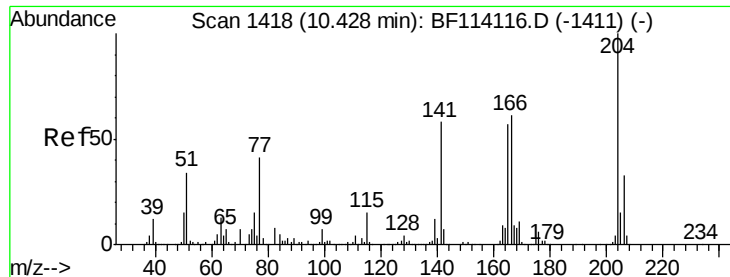
177 22.5 17.8 26.6

150 12.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





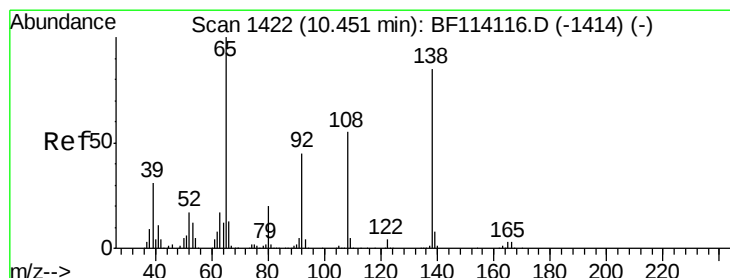
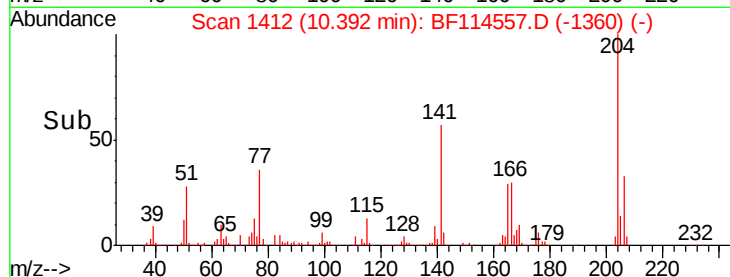
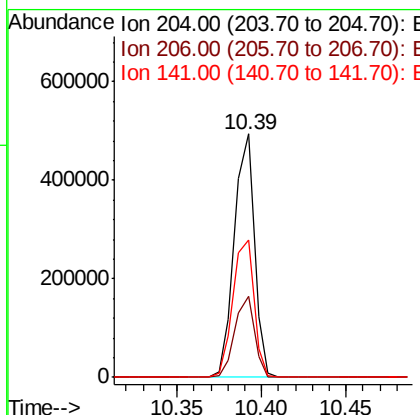
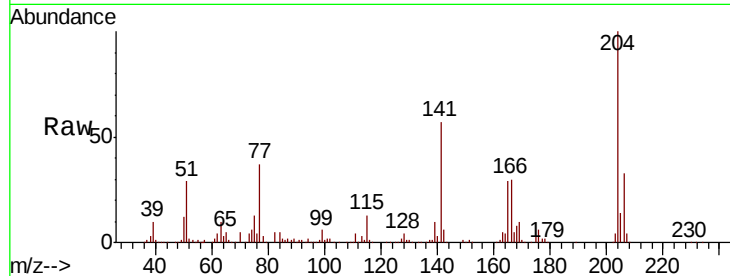
#61
 4-Chlorophenyl-phenylether
 Concen: 41.153 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	56.6	46.4	69.6

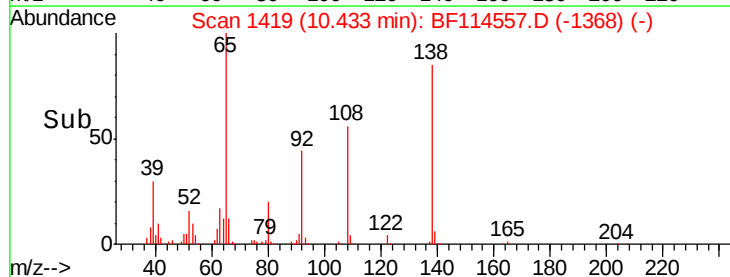
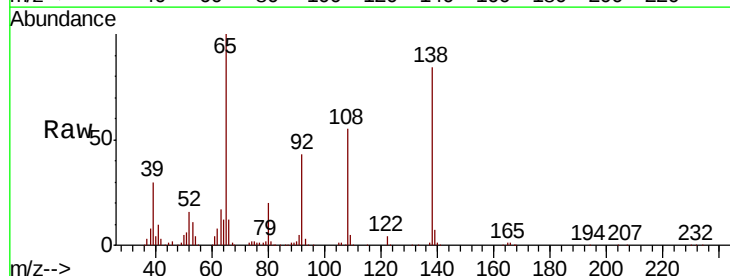
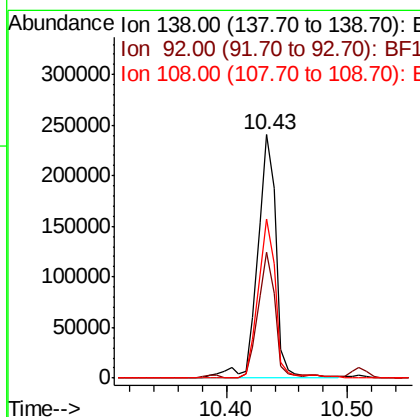
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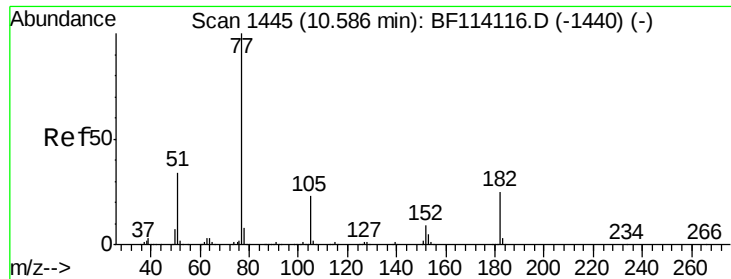
mohammad
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#62
 4-Nitroaniline
 Concen: 41.196 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	33.0	73.0
108	65.6	44.9	84.9





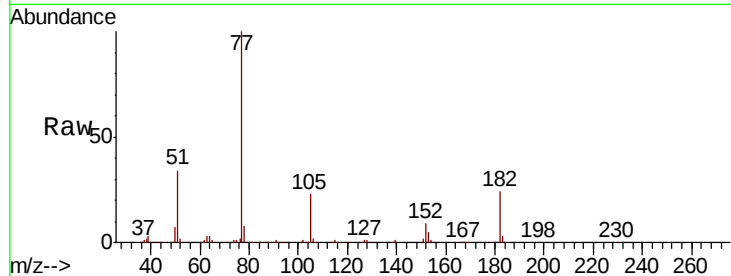
#63
Azobenzene
Concen: 38.997 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

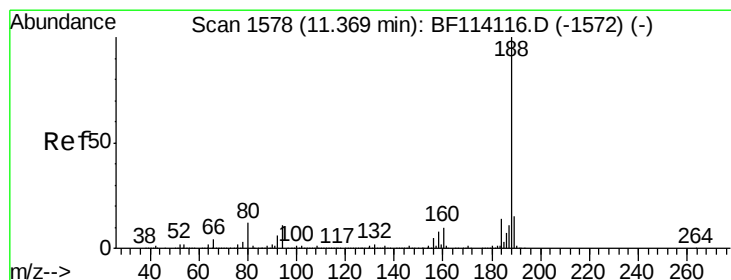
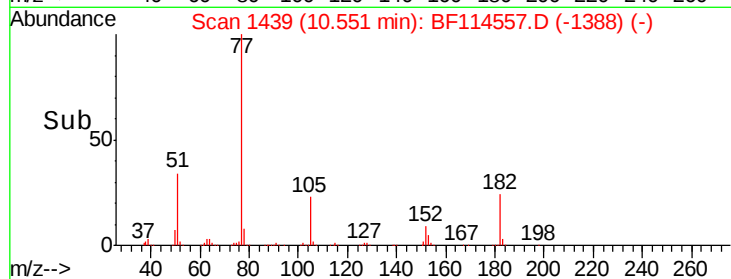
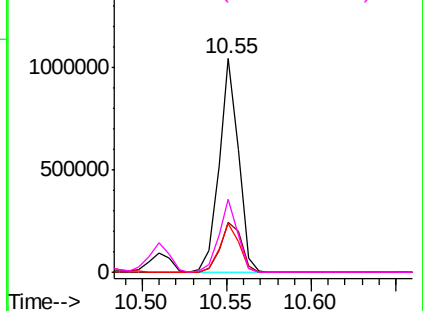
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		832295		
182	23.6	4.7	44.7		
105	22.9	2.9	42.9		
51	34.4	14.6	54.6		

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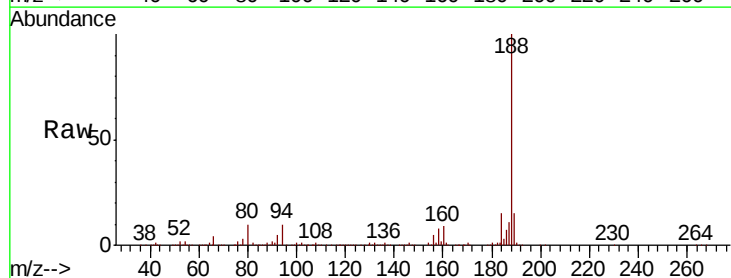


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

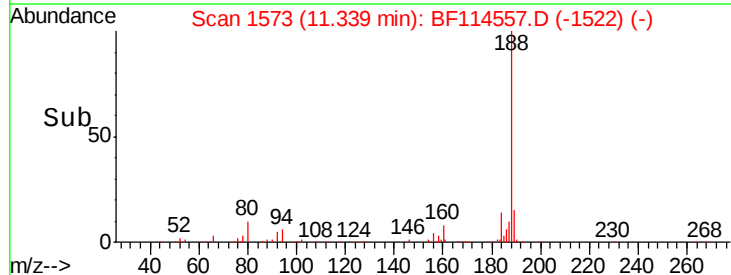
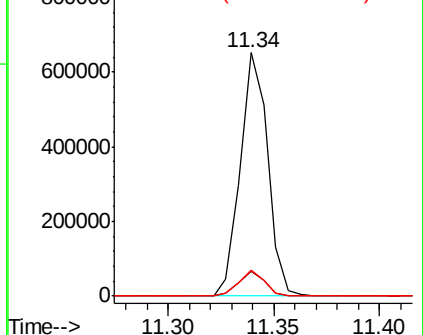


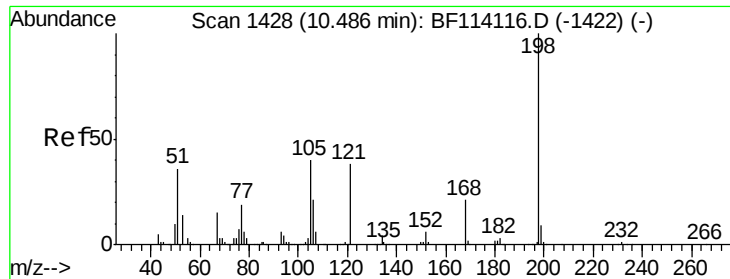
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		586059		
94	10.1	8.4	12.6		
80	10.4	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: 39.357 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 110833

Ion Ratio Lower Upper

198 100

51 53.7 28.0 68.0

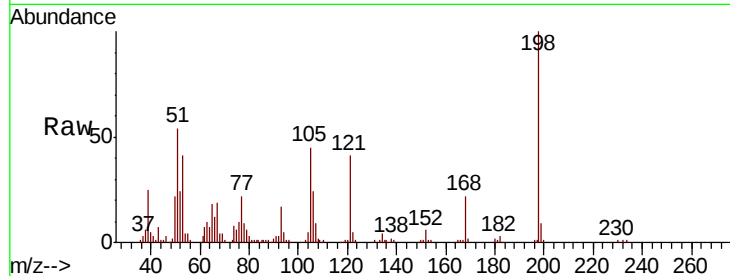
105 44.8 21.1 61.1

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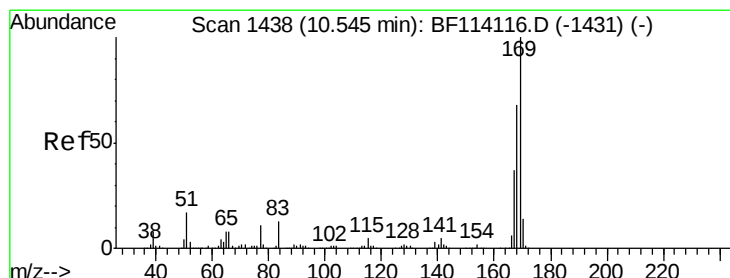
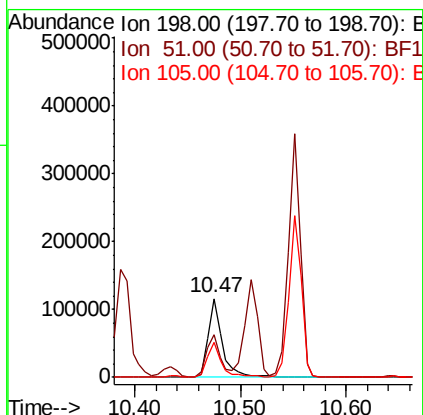
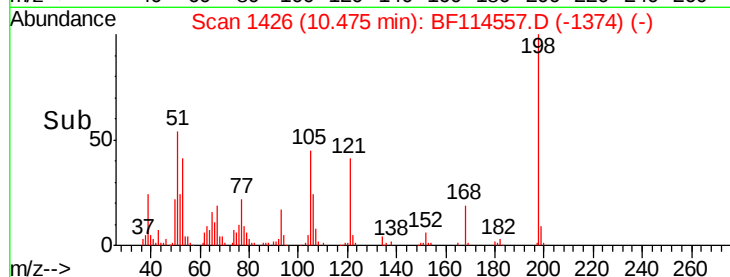
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.704 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

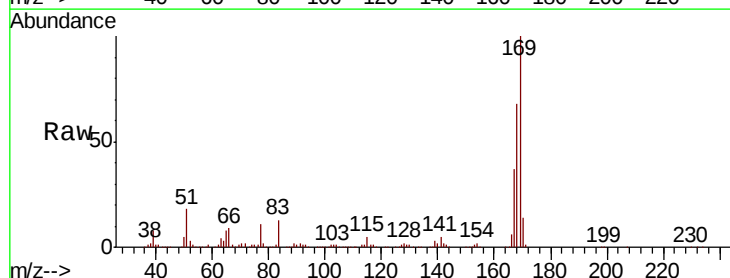
Tgt Ion:169 Resp: 741784

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

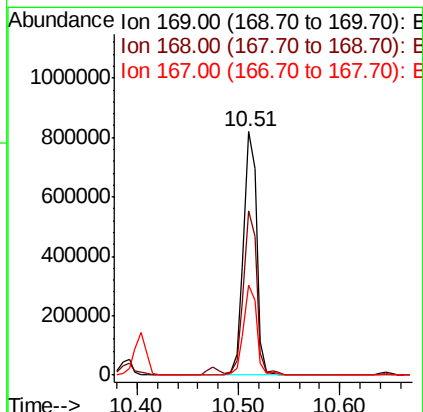
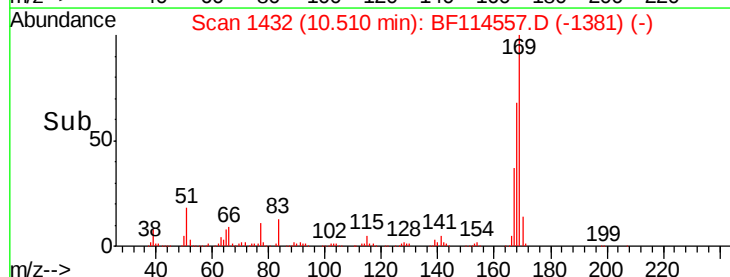
167 37.1 29.8 44.8

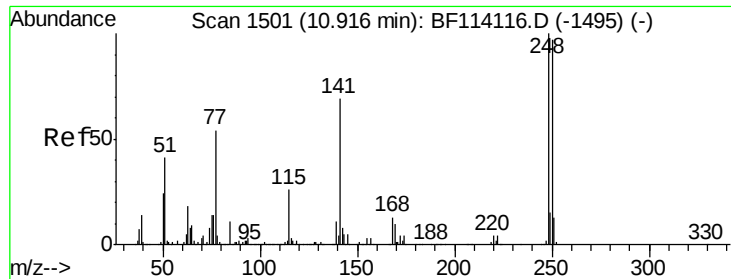


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





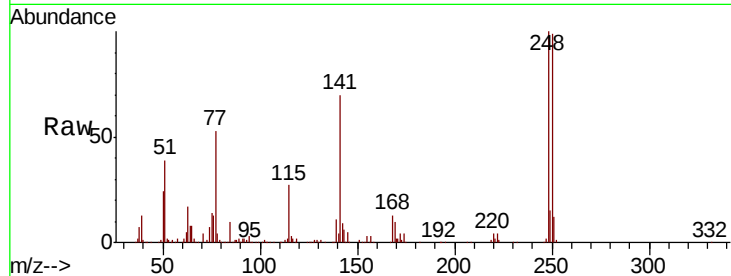
#67
4-Bromophenyl-phenylether
Concen: 40.157 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.4	116.2
141	69.6	55.6	83.4

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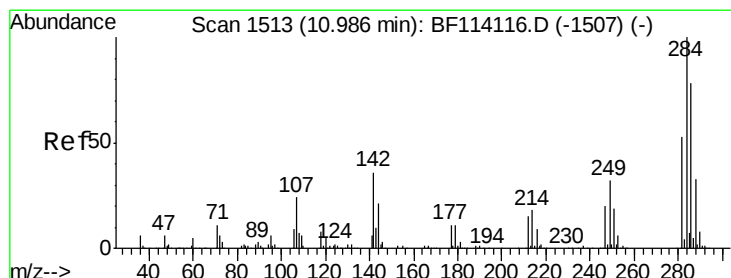
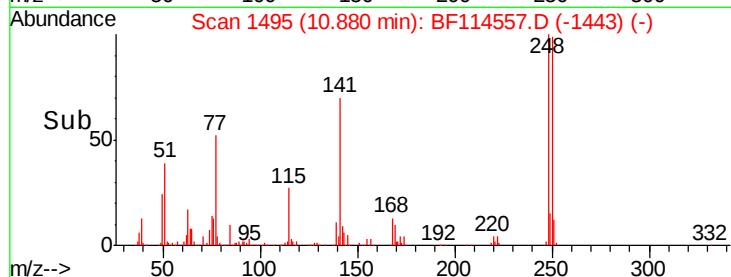
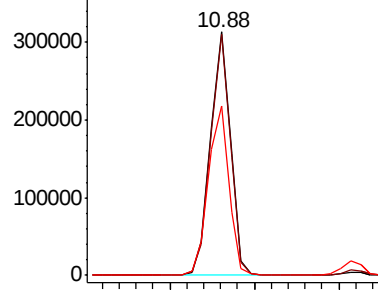


Abundance

Ion 248.00 (247.70 to 248.70): E

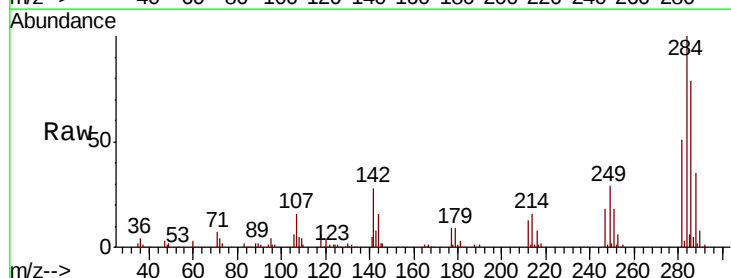
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.666 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.6	28.4	42.6#
249	28.5	25.2	37.8

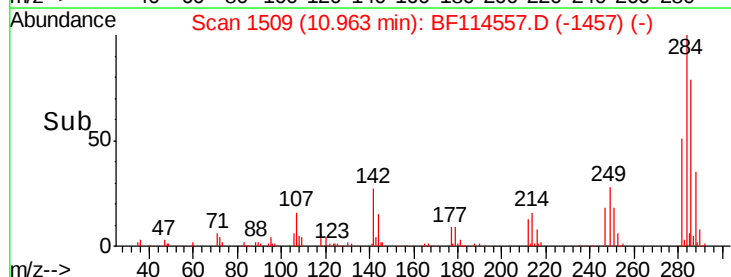
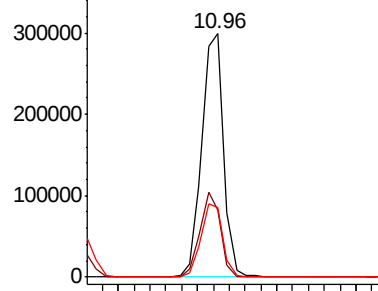


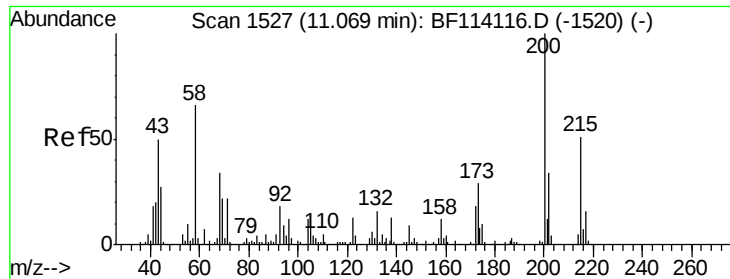
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





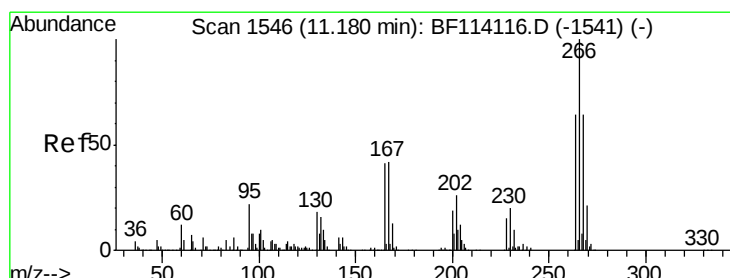
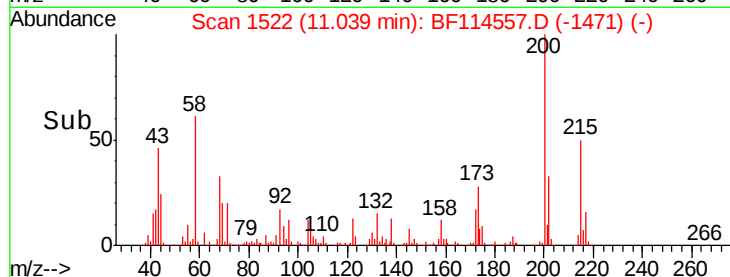
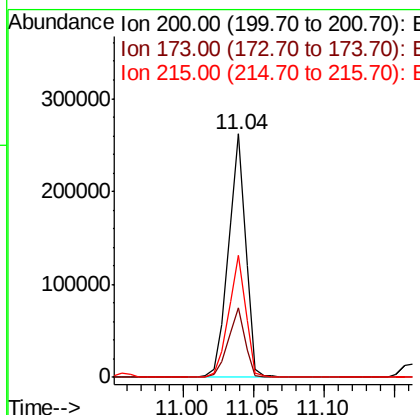
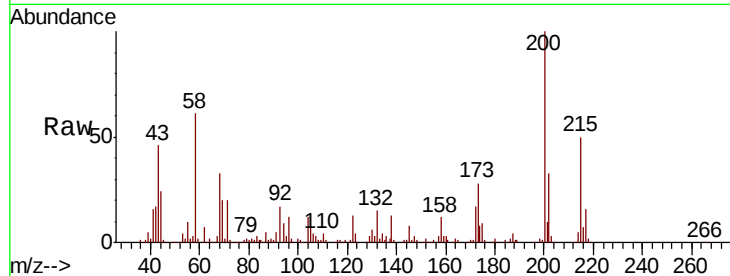
#69
Atrazine
Concen: 40.339 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	223284		
173	28.4	8.9	48.9	
215	50.1	30.7	70.7	

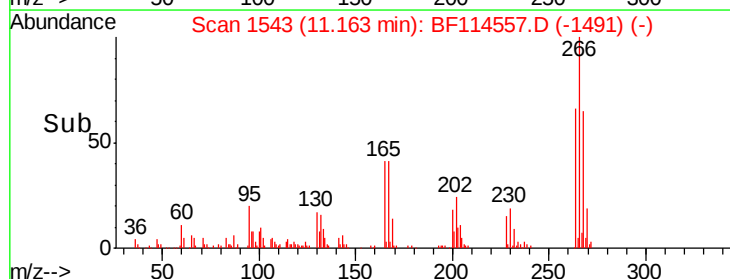
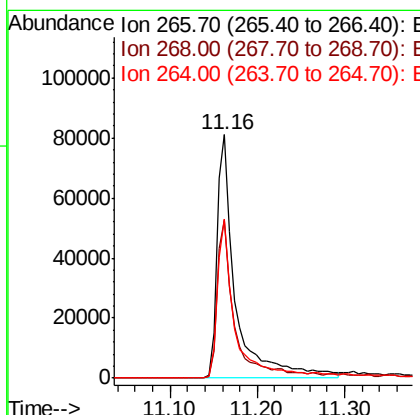
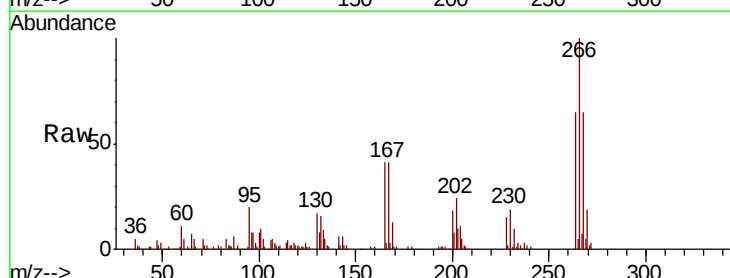
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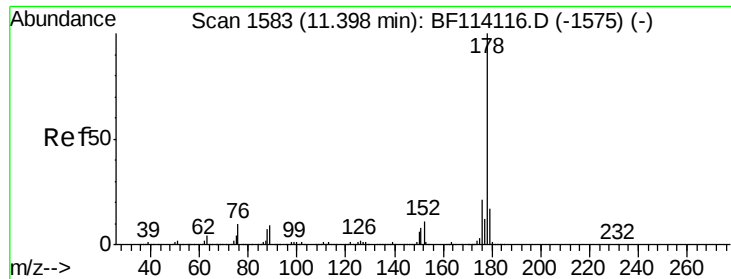
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#70
Pentachlorophenol
Concen: 35.123 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	118853		
268	65.1	51.1	76.7	
264	65.2	51.1	76.7	





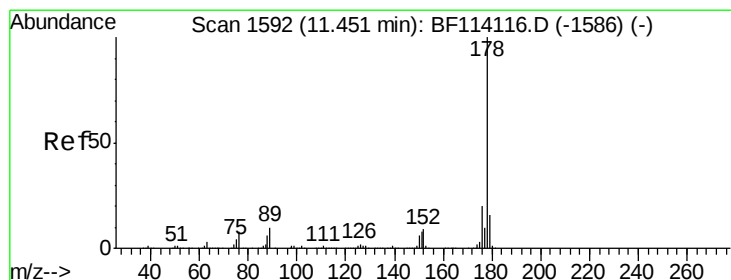
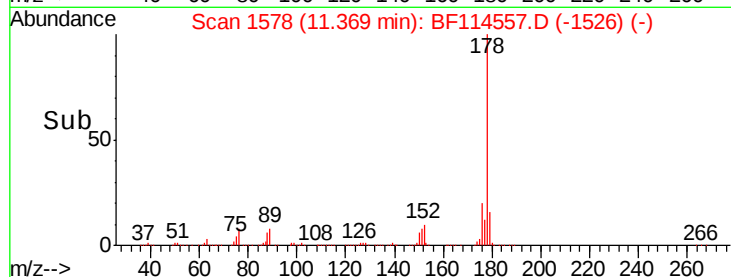
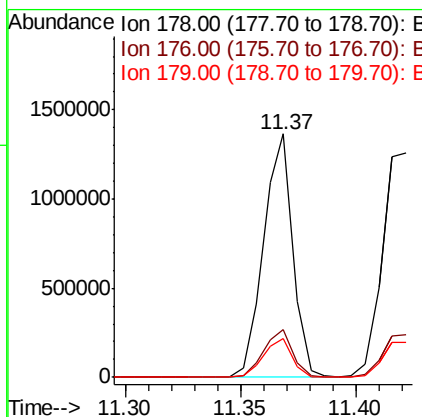
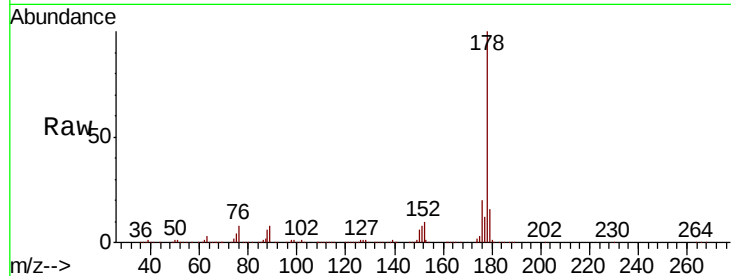
#71
Phenanthrene
Concen: 42.081 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.4	24.6
179	15.8	13.2	19.8

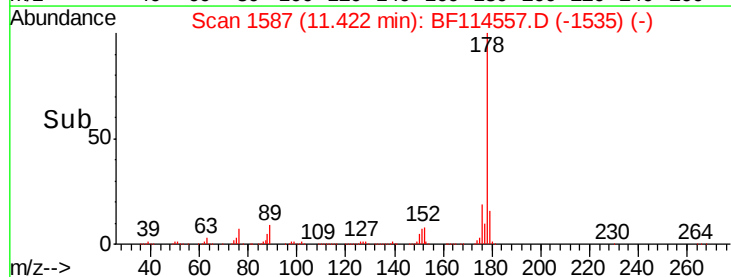
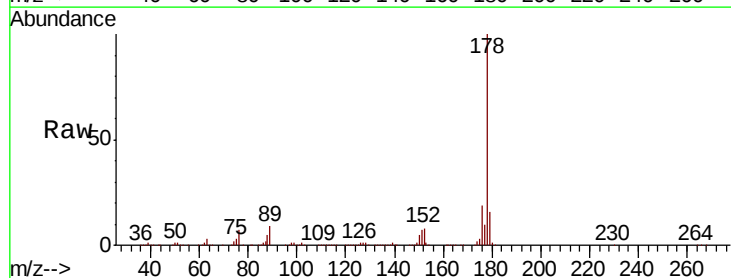
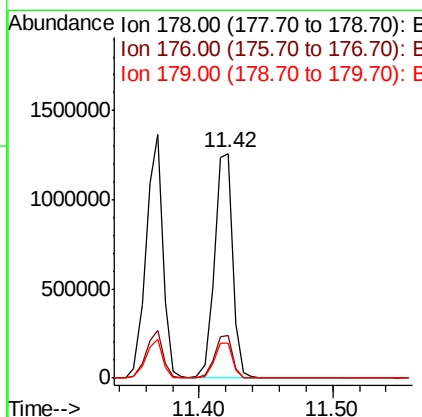
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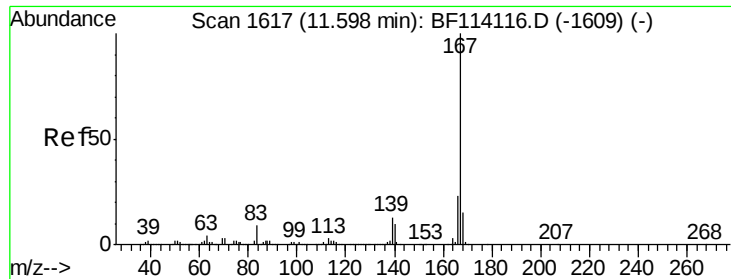
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#72
Anthracene
Concen: 42.437 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.7	13.0	19.4





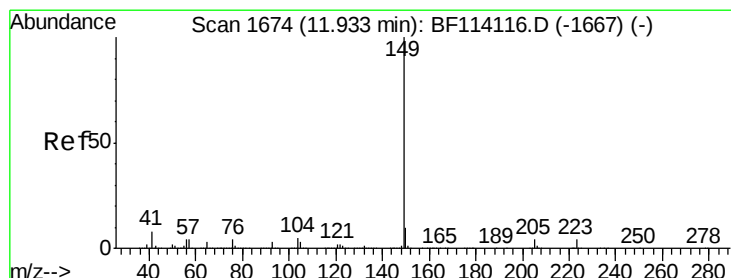
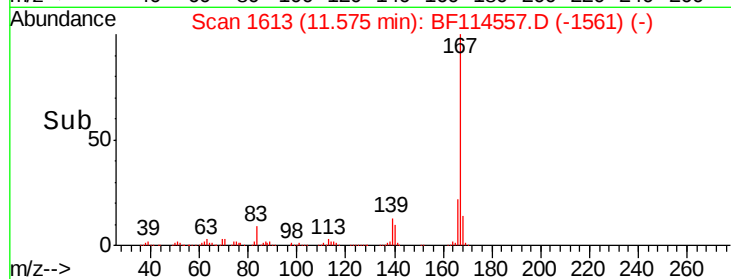
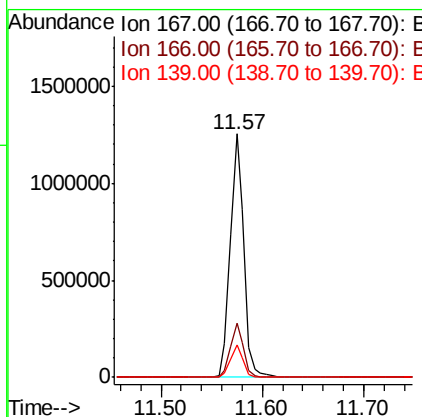
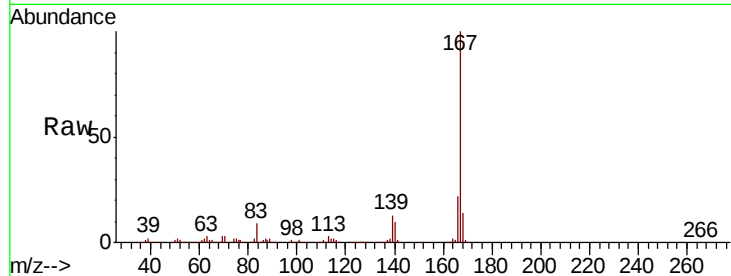
#73
 Carbazole
 Concen: 42.609 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	13.1	10.6	16.0

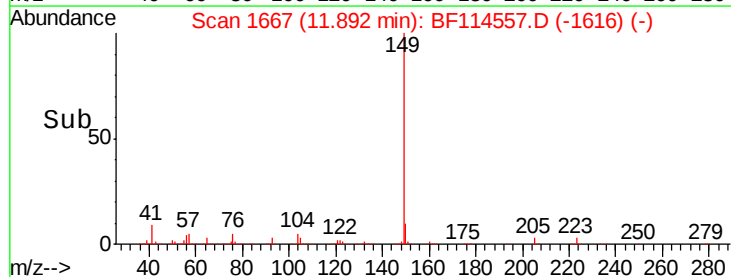
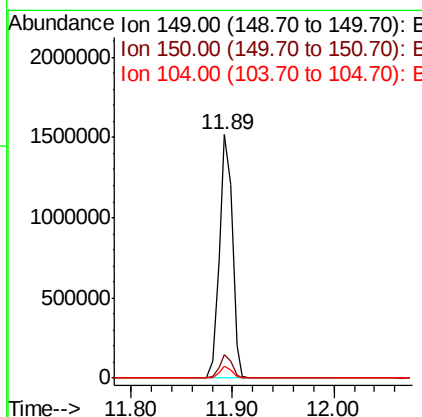
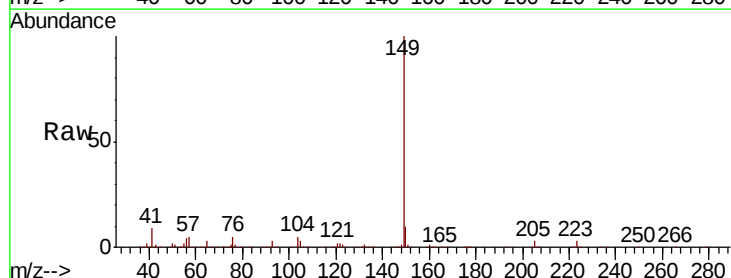
Manual Integrations
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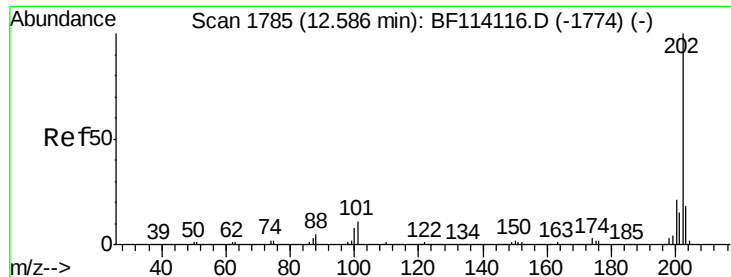
mohammad
 5/27/2019 3:47:49 AM



#74
 Di-n-butylphthalate
 Concen: 42.828 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.7	3.6	5.4





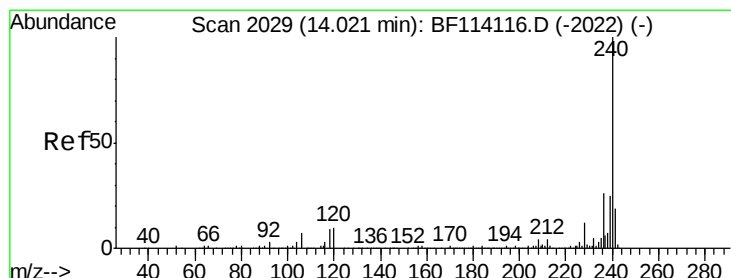
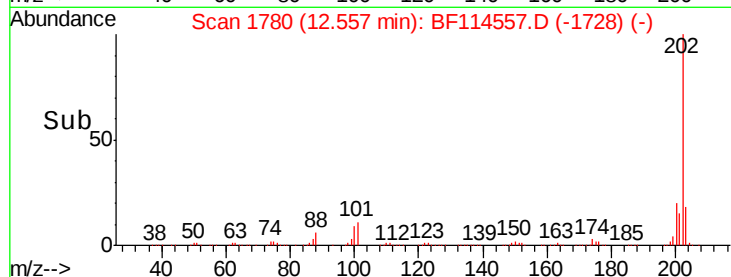
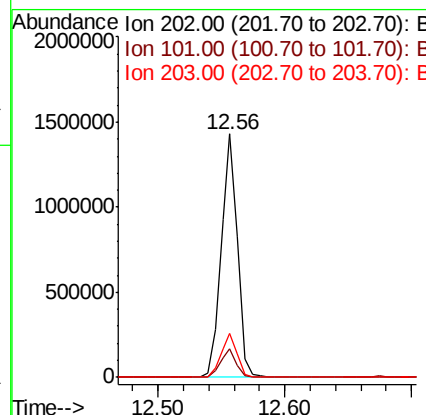
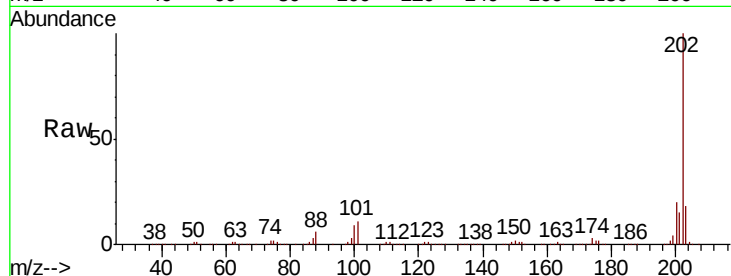
#75
Fluoranthene
Concen: 41.871 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1285617		
101	11.5	0.0	31.0	
203	18.2	0.0	38.4	

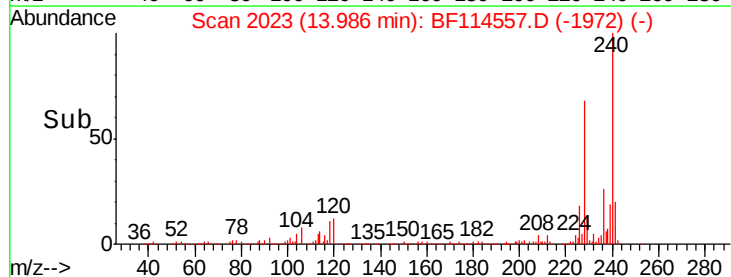
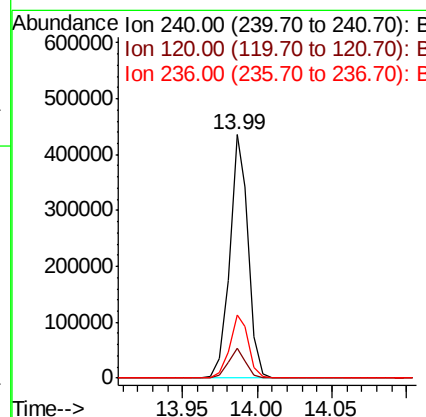
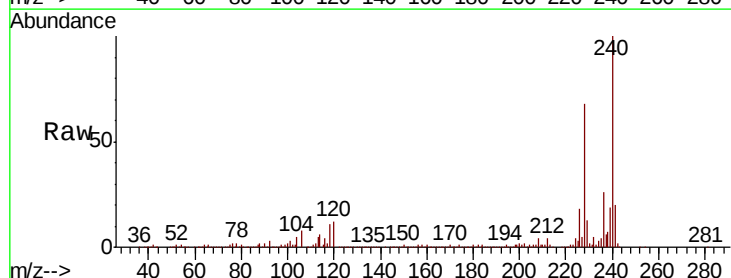
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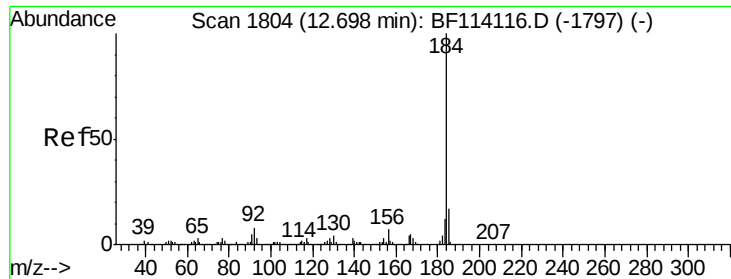
mohammad
5/27/2019 3:47:49 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	379926		
120	12.2	8.3	12.5	
236	25.7	20.8	31.2	





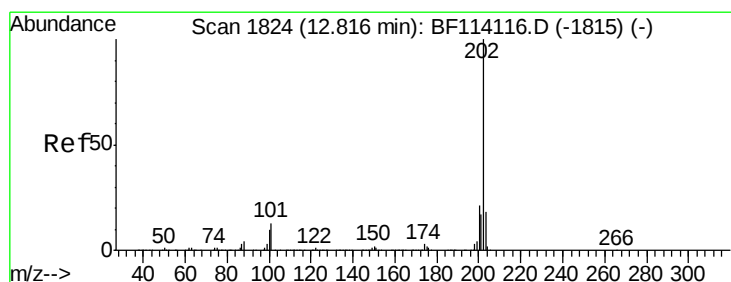
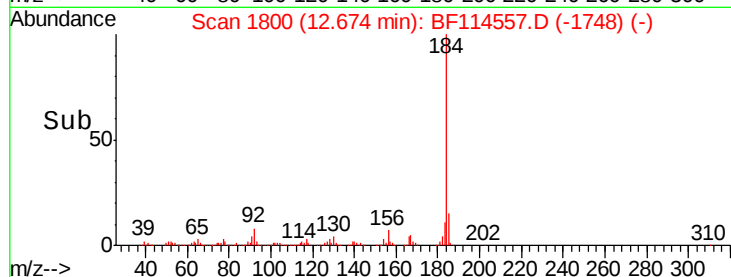
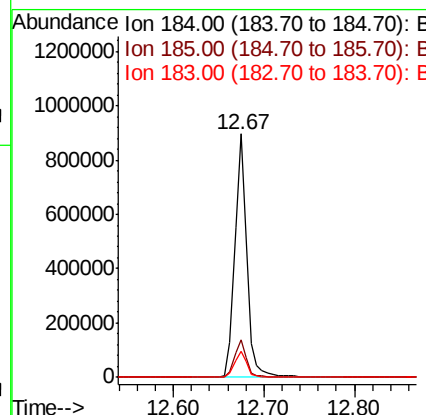
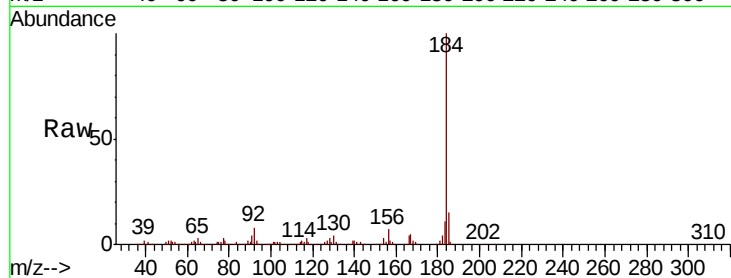
#77
Benzidine
Concen: 48.870 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.6	20.4
183	10.9	9.2	13.8

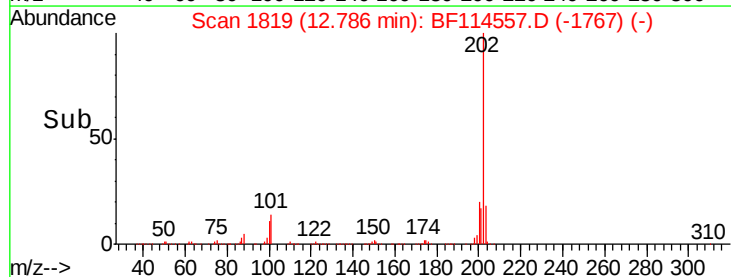
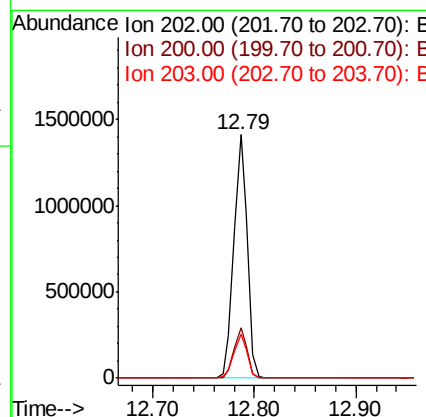
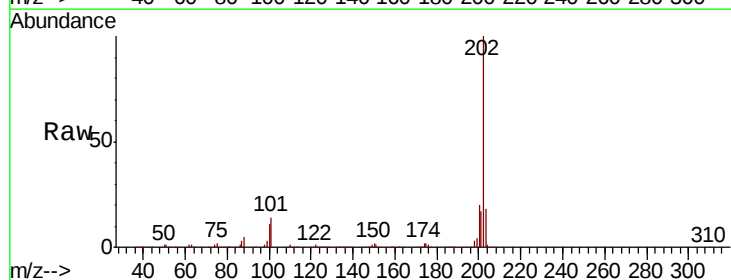
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#78
Pyrene
Concen: 42.502 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	18.0	14.5	21.7





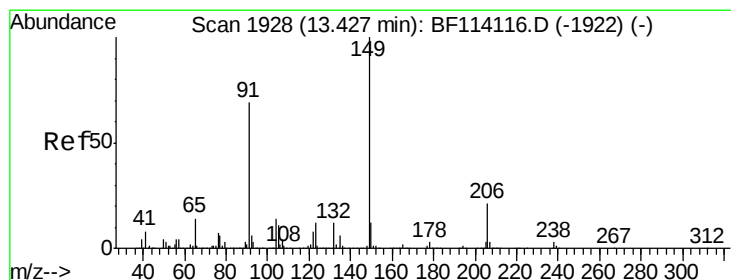
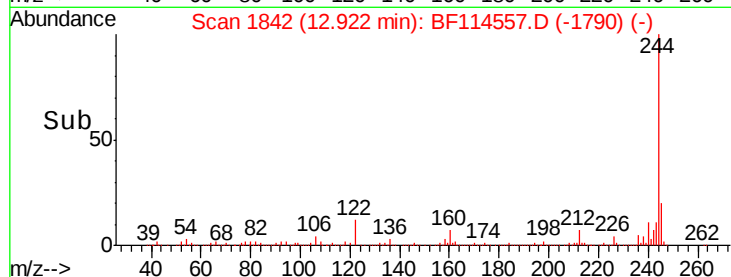
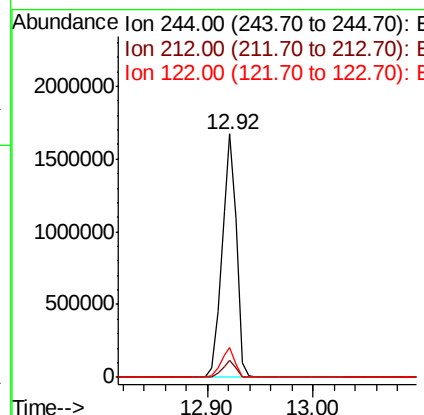
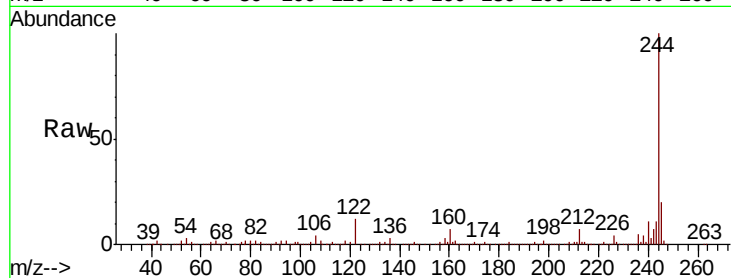
#79
 Terphenyl-d14
 Concen: 87.204 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	12.4	9.4	14.2

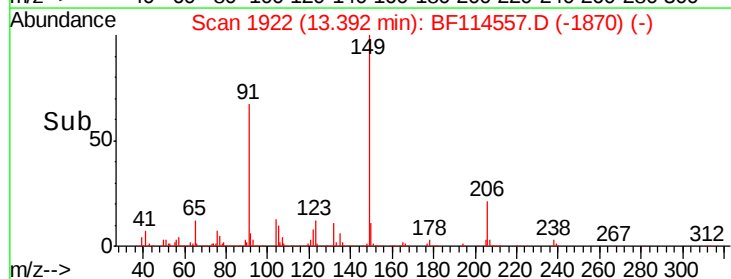
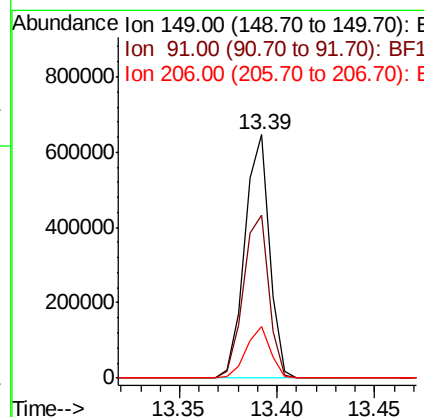
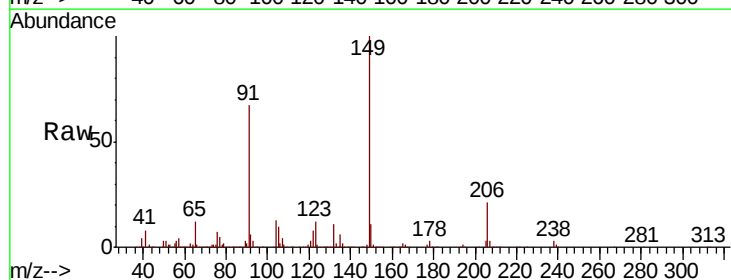
Manual Integrations
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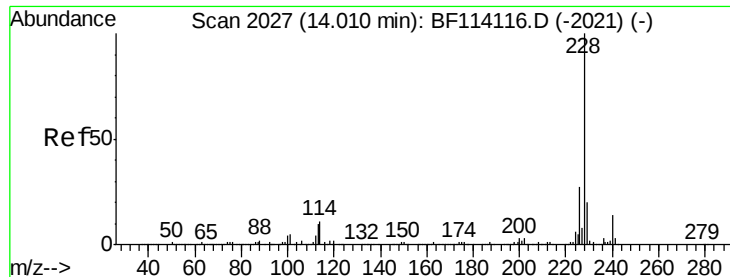
mohammad
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#80
 Butylbenzylphthalate
 Concen: 44.183 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.8	55.0	82.4
206	21.1	16.9	25.3





#81

Benzo(a)anthracene

Concen: 43.398 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

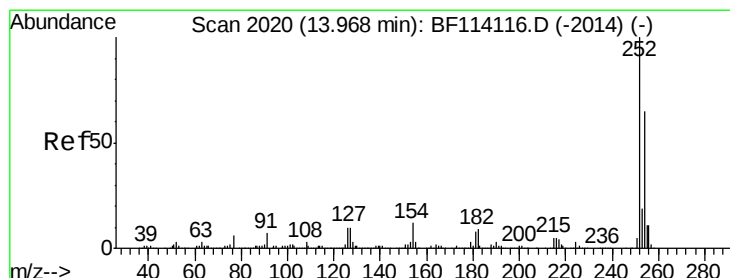
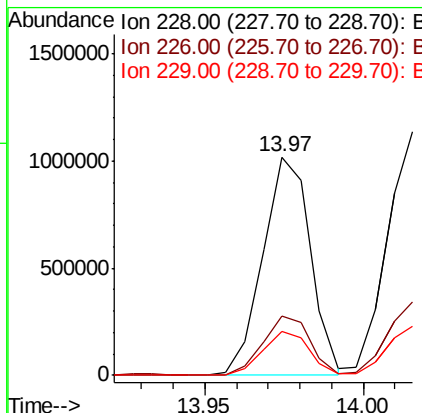
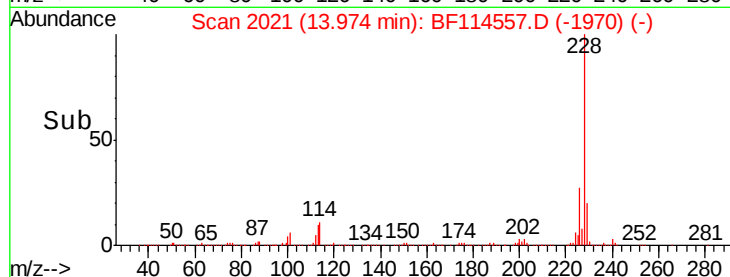
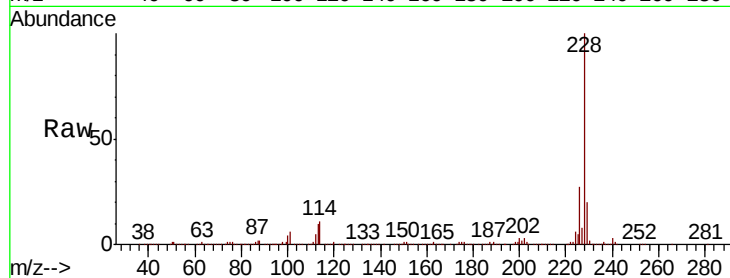
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1066430
Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	20.0	16.4	24.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 41.788 ng

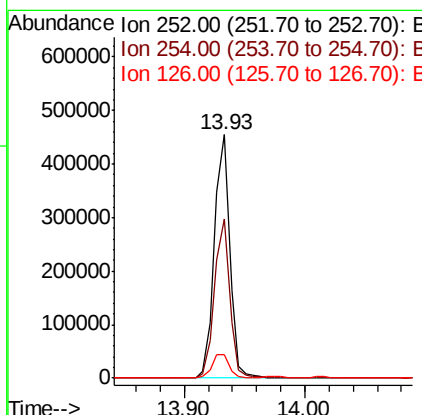
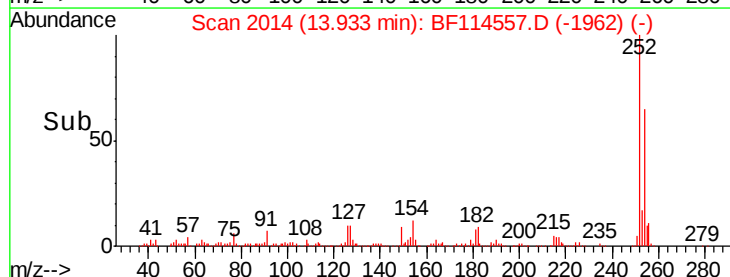
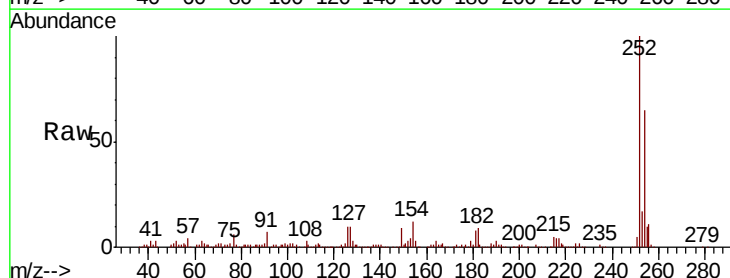
RT: 13.93 min Scan# 2014

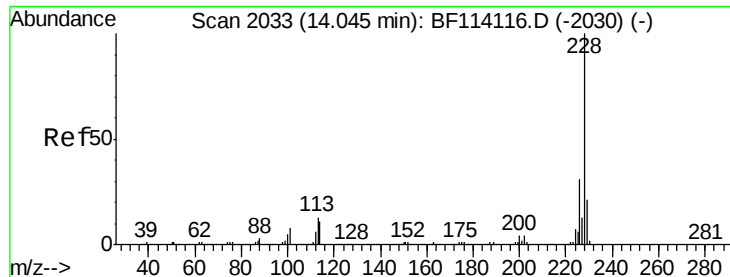
Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Tgt Ion:	252	Resp:	398355
Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.9	77.9
126	9.8	7.9	11.9





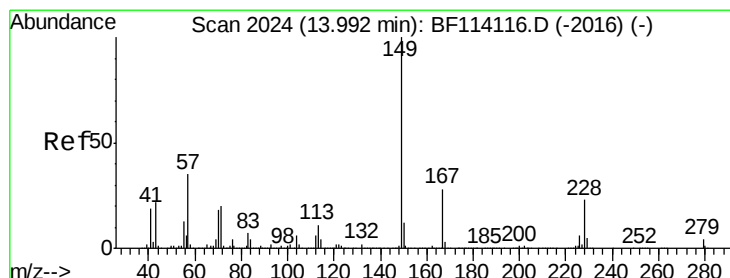
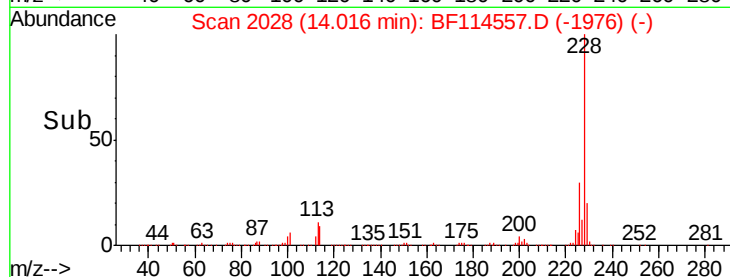
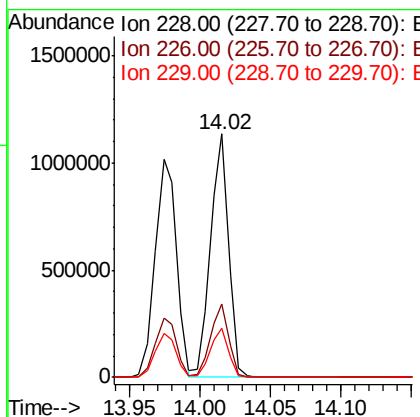
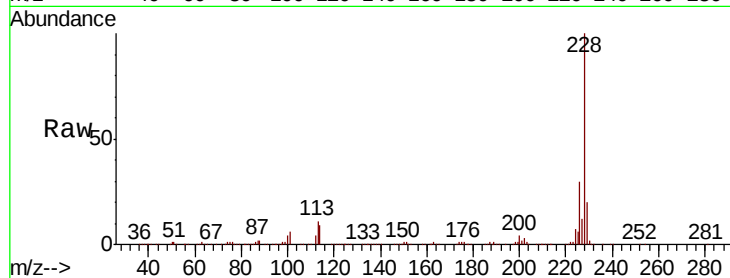
#83
 Chrvsene
 Concen: 41.987 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1011409
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 20.1 17.0 25.6

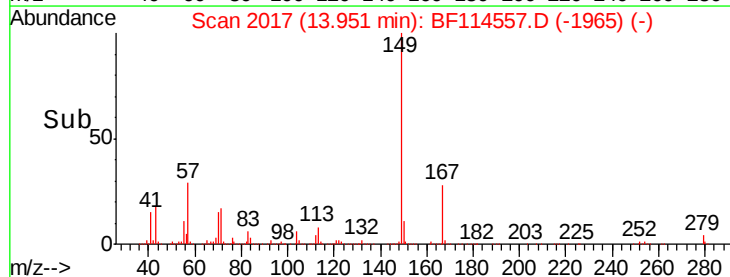
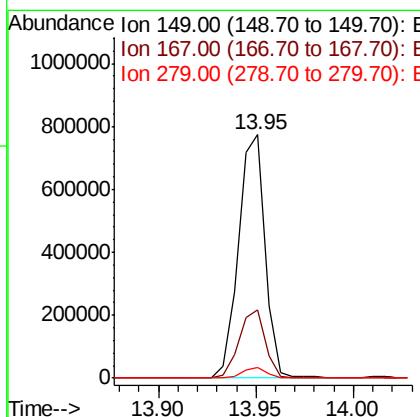
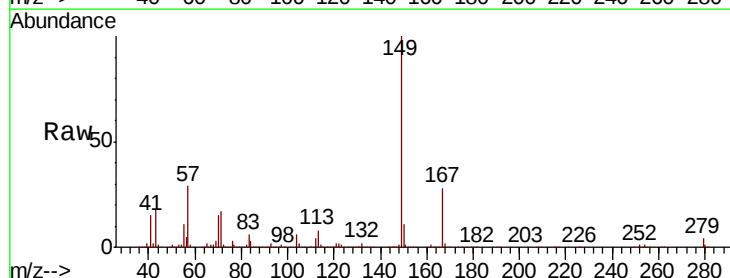
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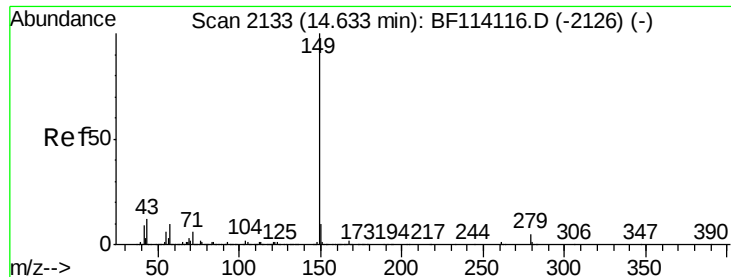
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.481 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion:149 Resp: 731556
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.6 33.8
 279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 40.822 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1113384

Ion Ratio Lower Upper

149 100

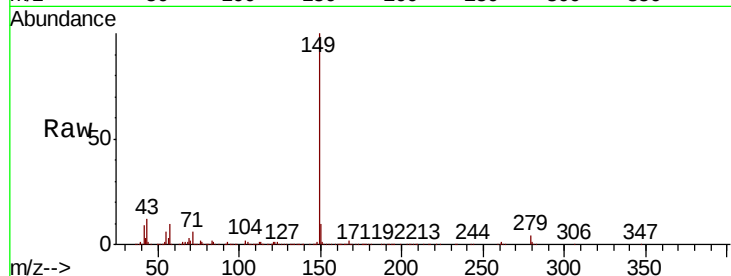
167 1.6 1.3 1.9

43 11.7 10.1 15.1

Manual Integrations
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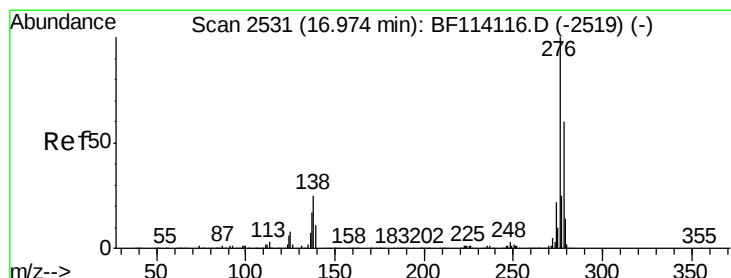
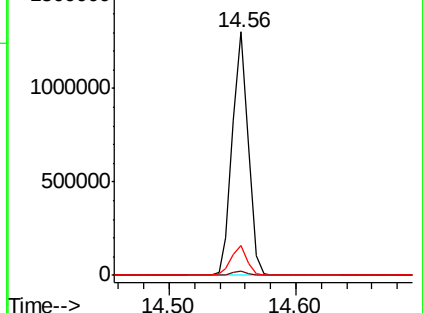
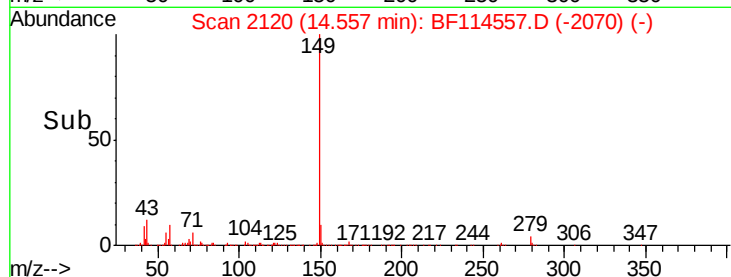
5/27/2019 3:47:49 AM



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: 37.317 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

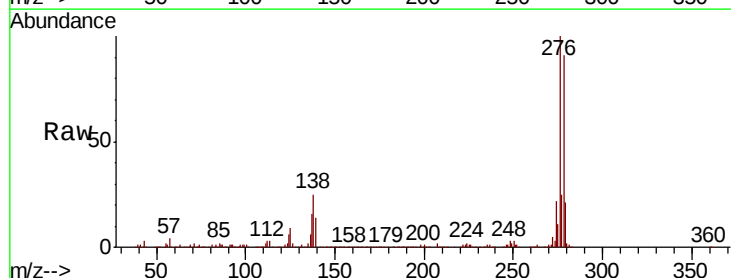
Tgt Ion:276 Resp: 794460

Ion Ratio Lower Upper

276 100

138 24.1 20.2 30.2

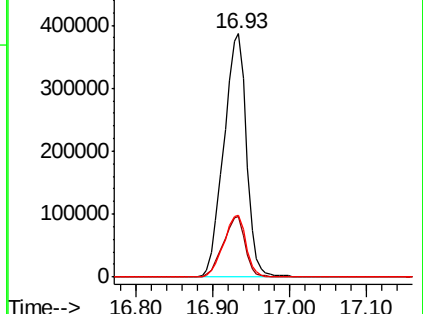
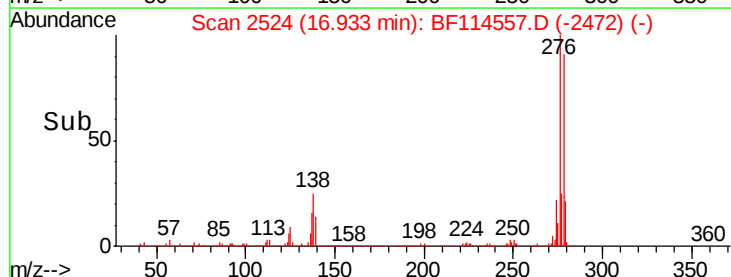
277 25.1 20.0 30.0

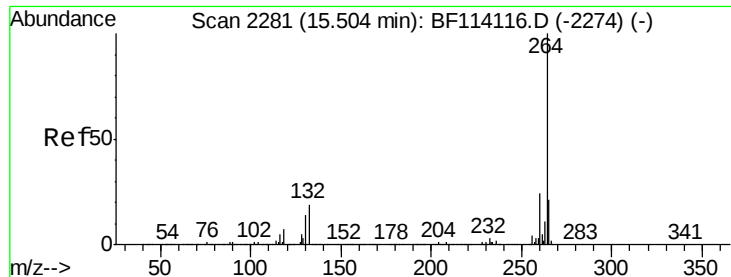


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





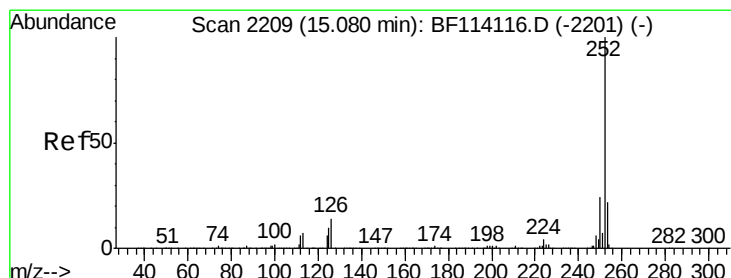
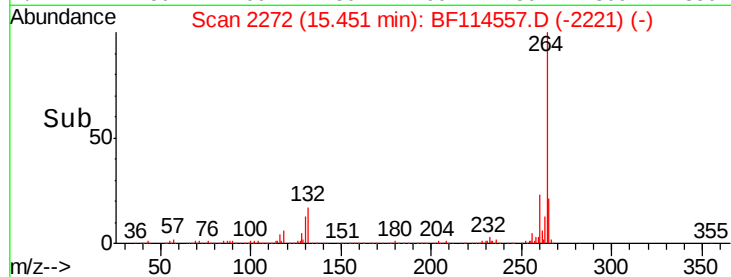
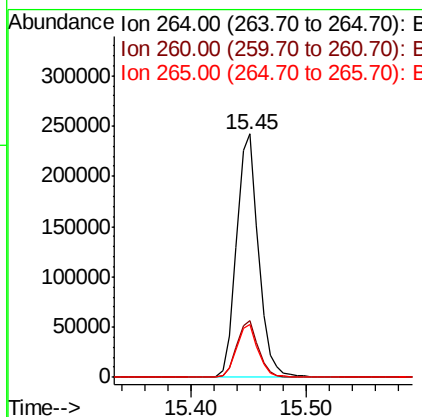
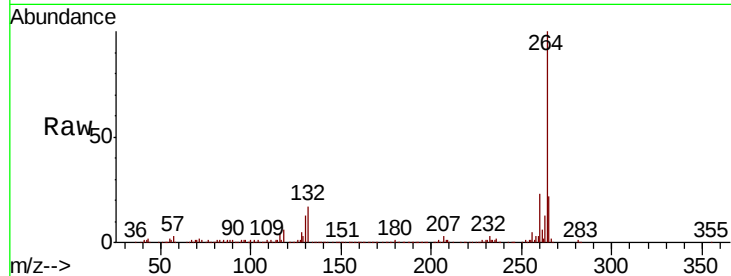
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.6	16.9	25.3

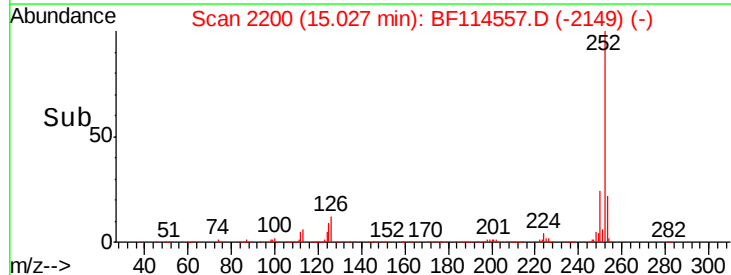
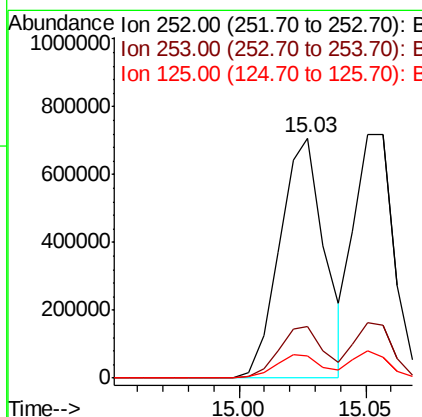
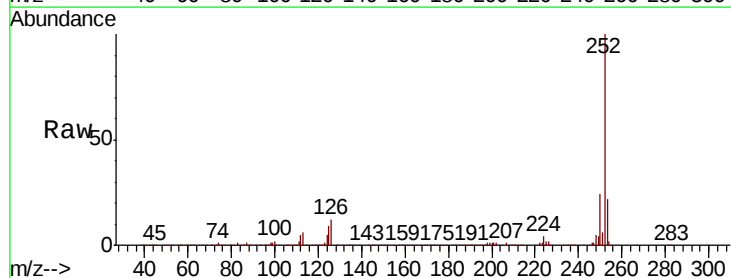
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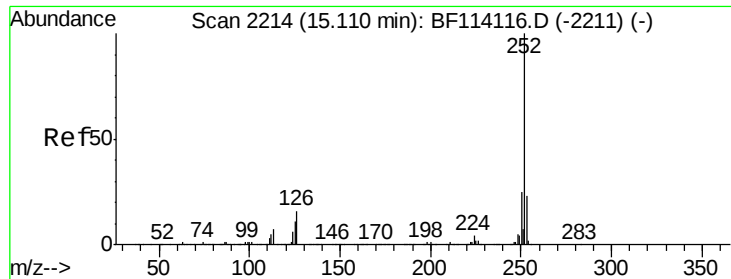
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.749 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	9.5	8.3	12.5





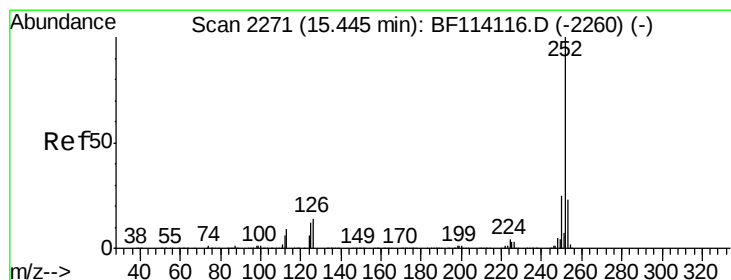
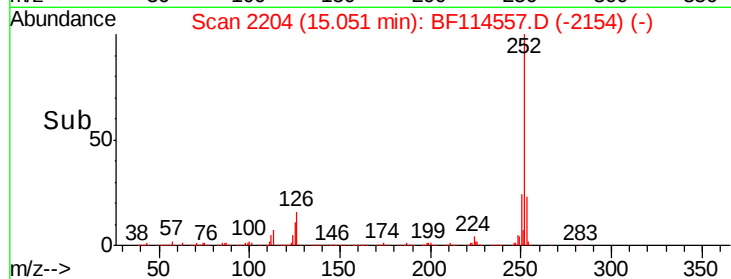
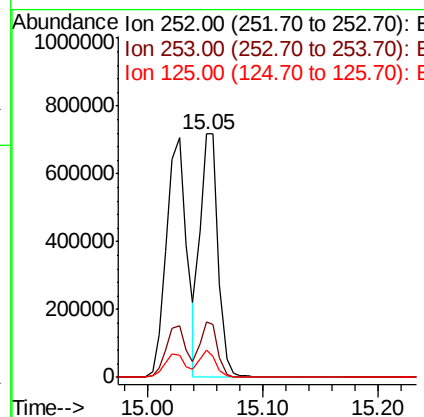
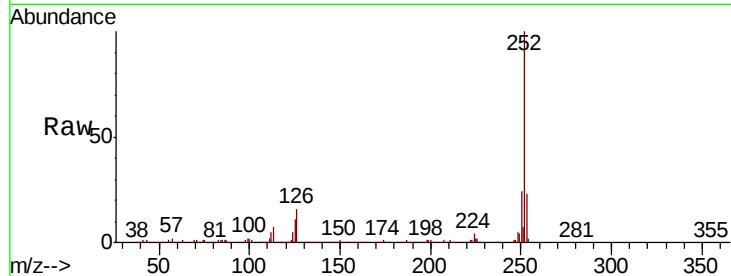
#89
Benzo(k)fluoranthene
Concen: 41.818 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	11.4	8.6	13.0

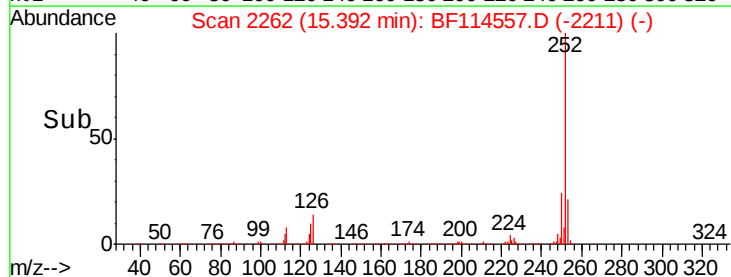
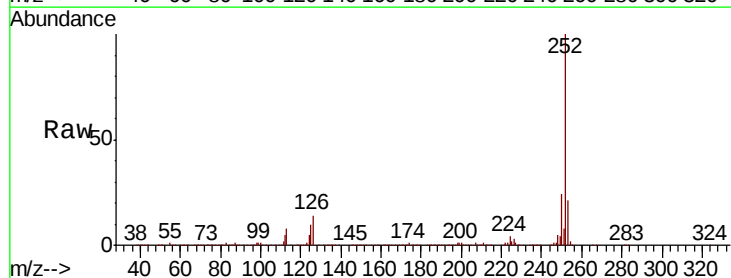
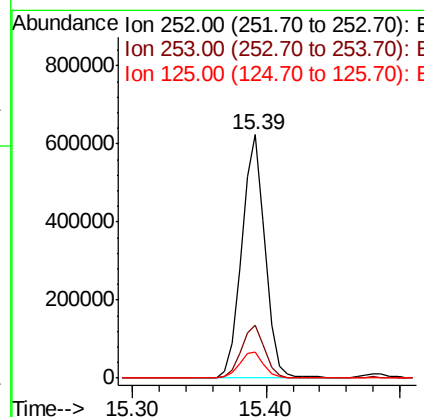
Manual Integrations
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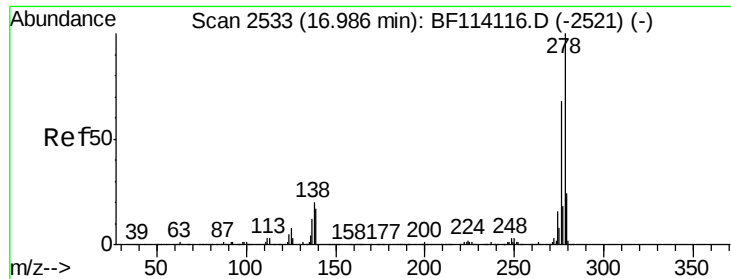
mohammad
5/27/2019 3:47:49 AM



#90
Benzo(a)pyrene
Concen: 41.716 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	10.5	9.5	14.3





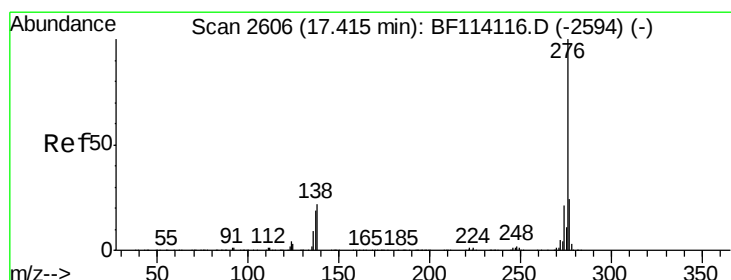
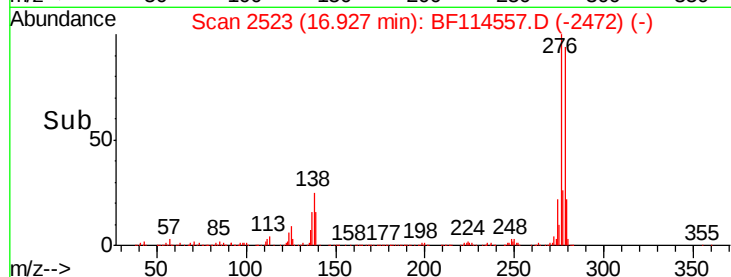
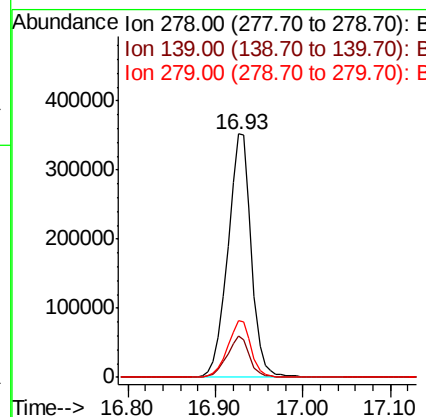
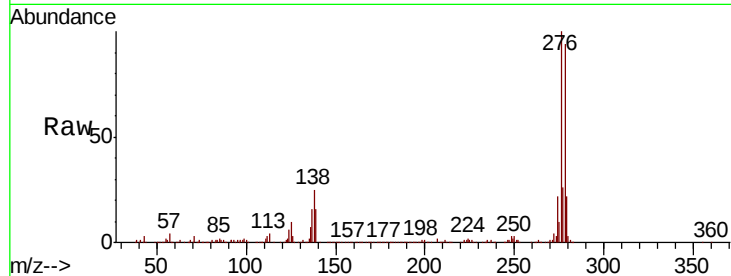
#91
Dibenzo(a,h)anthracene
Concen: 43.427 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.5	20.3
279	23.6	19.0	28.6

Manual Integrations
APPROVED

mohammad
5/27/2019 3:47:49 AM



#92
Benzo(g,h,i)perylene
Concen: 44.559 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	20.9	17.8	26.6

