

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114624.D
 Acq On : 26 May 2019 1:30
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:50:32 AM

Quant Time: May 27 02:19:17 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	6.80	152	141117	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	553711	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	249369	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	493578	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	347021	20.00	ng	-0.02
87) Perylene-d12	15.43	264	338933	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	733664	83.67	ng	-0.02
7) Phenol-d6	6.45	99	882948	85.13	ng	-0.01
23) Nitrobenzene-d5	7.37	82	826291	83.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	199551	77.40	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1434571	87.02	ng	-0.02
79) Terphenyl-d14	12.90	244	1443755	85.76	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.51	88	168153	34.887	ng	99
3) Pyridine	3.26	79	460749	34.695	ng	97
4) n-Nitrosodimethylamine	3.22	42	226486	35.366	ng	99
6) Aniline	6.47	93	617495	41.216	ng	# 83
8) 2-Chlorophenol	6.59	128	402532	42.999	ng	97
9) Benzaldehyde	6.36	77	256942	35.388	ng	99
10) Phenol	6.46	94	512875	42.037	ng	# 71
11) bis(2-Chloroethyl)ether	6.53	93	391795	42.299	ng	99
12) 1,3-Dichlorobenzene	6.74	146	451696	42.985	ng	97
13) 1,4-Dichlorobenzene	6.82	146	454790	42.949	ng	98
14) 1,2-Dichlorobenzene	6.97	146	417303	43.136	ng	98
15) Benzyl Alcohol	6.95	79	319822	39.538	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	707804	39.411	ng	62
17) 2-Methylphenol	7.07	107	313056	40.709	ng	# 90
18) Hexachloroethane	7.31	117	165667	41.680	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	267104	40.631	ng	99
20) 3+4-Methylphenols	7.22	107	411621	46.328	ng	# 82
22) Acetophenone	7.22	105	540108	44.031	ng	# 90
24) Nitrobenzene	7.39	77	426966	42.488	ng	98
25) Isophorone	7.63	82	742495	40.577	ng	99
26) 2-Nitrophenol	7.70	139	211157	43.310	ng	95
27) 2,4-Dimethylphenol	7.75	122	310399	40.536	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	490505	41.313	ng	99
29) 2,4-Dichlorophenol	7.96	162	327773	42.987	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	363310	41.902	ng	99
31) Naphthalene	8.10	128	1138703	44.025	ng	98
32) Benzoic acid	7.90	122	160228m	32.074	ng	
33) 4-Chloroaniline	8.16	127	513339	43.554	ng	98
34) Hexachlorobutadiene	8.22	225	210336	42.635	ng	99
35) Caprolactam	8.53	113	107115	43.082	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	338166	44.060	ng	98
37) 2-Methylnaphthalene	8.80	142	737037	44.166	ng	98
38) 1-Methylnaphthalene	8.90	142	691793	44.021	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	335931	44.471	ng	100

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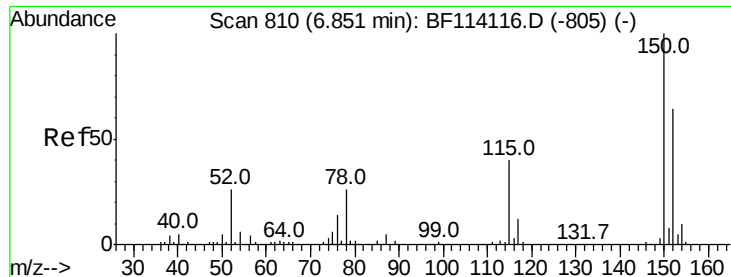
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	110717	34.084	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	210243	40.464	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	208247	39.082	nq	94
46) 1,1'-Biphenyl	9.26	154	911724	45.257	nq	98
47) 2-Chloronaphthalene	9.29	162	714141	44.047	nq	99
48) 2-Nitroaniline	9.39	65	250977	43.649	nq	92
49) Acenaphthylene	9.70	152	1088191	44.130	nq	98
50) Dimethylphthalate	9.56	163	783034	42.775	nq	99
51) 2,6-Dinitrotoluene	9.63	165	173401	42.707	nq	97
52) Acenaphthene	9.87	154	650275	42.974	nq	99
53) 3-Nitroaniline	9.80	138	222375	44.120	nq	98
54) 2,4-Dinitrophenol	9.93	184	66205	36.438	nq	97
55) Dibenzofuran	10.05	168	916781	41.318	nq	98
56) 4-Nitrophenol	10.03	139	138113m	38.748	nq	
57) 2,4-Dinitrotoluene	10.04	165	216570	39.298	nq	# 76
58) Fluorene	10.39	166	763447	44.545	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	174400	37.932	nq	100
60) Diethylphthalate	10.26	149	774050	41.615	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	366522	43.542	nq	97
62) 4-Nitroaniline	10.42	138	212308	40.086	nq	96
63) Azobenzene	10.53	77	742639	41.249	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	96647	40.750	nq	84
66) n-Nitrosodiphenylamine	10.50	169	658240	43.941	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	230328	42.382	nq	98
68) Hexachlorobenzene	10.95	284	251605	41.850	nq	91
69) Atrazine	11.02	200	190513	40.867	nq	99
70) Pentachlorophenol	11.15	266	96040m	33.699	nq	
71) Phenanthrene	11.35	178	1068304	44.488	nq	98
72) Anthracene	11.40	178	1084566	44.967	nq	98
73) Carbazole	11.56	167	1037525	45.110	nq	98
74) Di-n-butylphthalate	11.88	149	1185378	44.735	nq	99
75) Fluoranthene	12.54	202	1157394	44.758	nq	99
77) Benzidine	12.66	184	550362	35.331	nq	97
78) Pyrene	12.77	202	1171507	41.965	nq	99
80) Butylbenzylphthalate	13.37	149	513303	43.685	nq	98
81) Benzo(a)anthracene	13.96	228	1001031	44.599	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	393047	45.141	nq	99
83) Chrysene	14.00	228	960432	43.651	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	682048	44.382	nq	99
85) Di-n-octyl phthalate	14.54	149	1091986	43.834	nq	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	900664	46.317	nq	99
88) Benzo(b)fluoranthene	15.00	252	969316	44.640	nq	99
89) Benzo(k)fluoranthene	15.03	252	830869	41.655	nq	99
90) Benzo(a)pyrene	15.37	252	818903	42.852	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	729129	45.916	nq	98
92) Benzo(g,h,i)perylene	17.33	276	748141	47.012	nq	99

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



#1

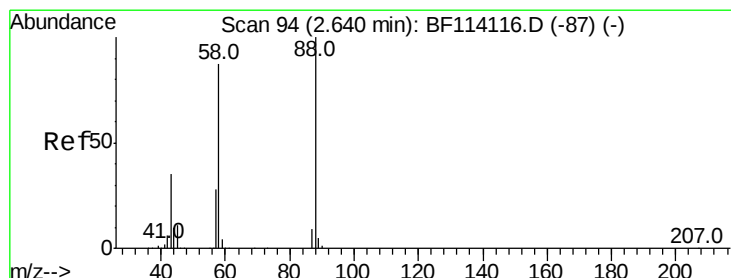
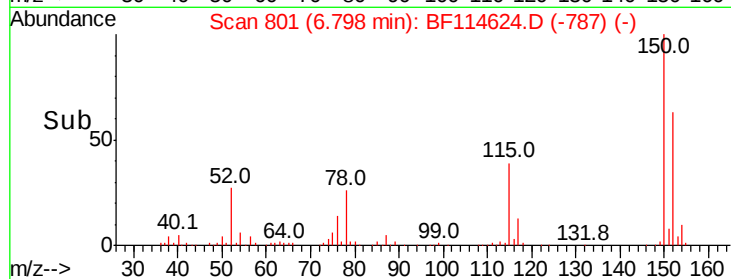
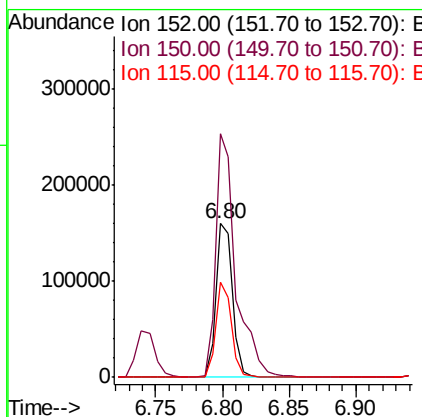
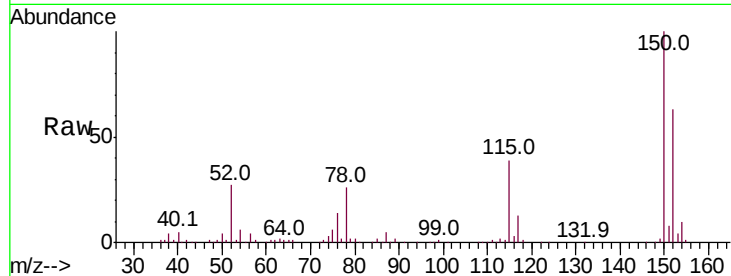
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.3	186.5
115	61.9	49.1	73.7

Manual Integrations
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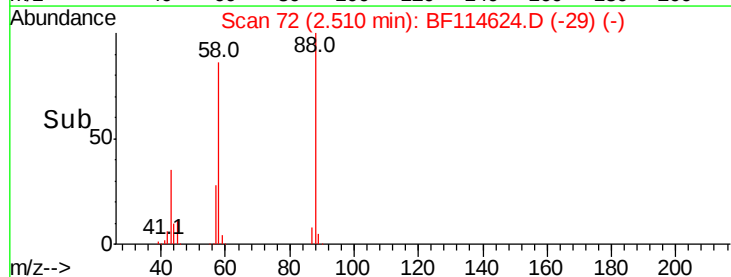
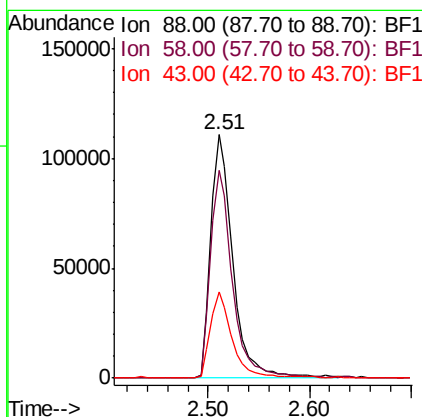
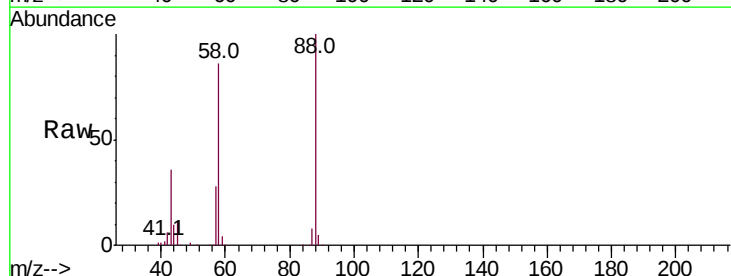
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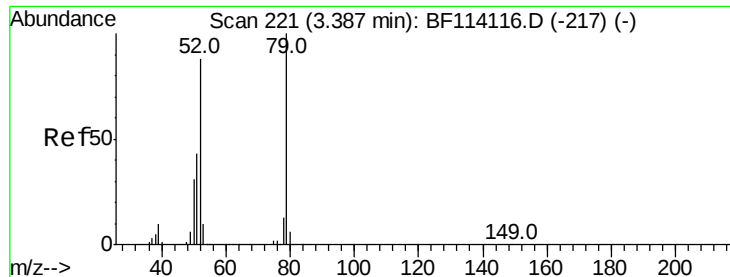


#2

1,4-Dioxane
Concen: 34.887 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.05 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.2	68.7	103.1
43	35.2	28.2	42.2





#3

Pvridine

Concen: 34.695 ng

RT: 3.26 min Scan# 199

Delta R.T. -0.05 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

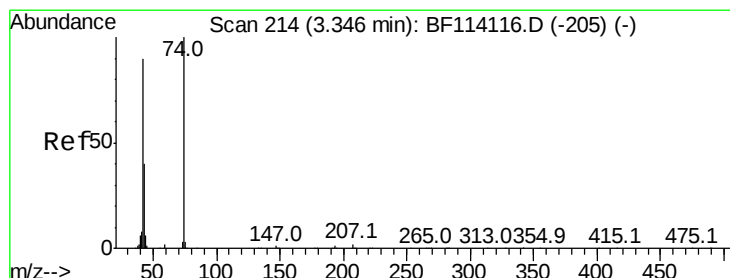
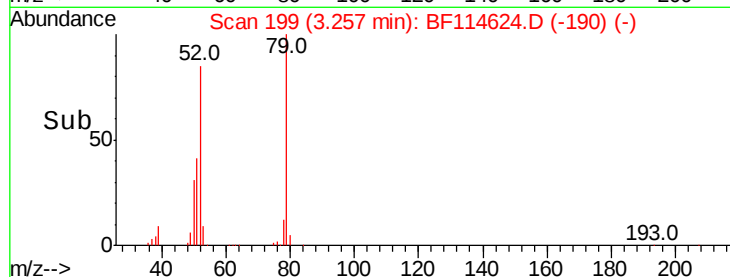
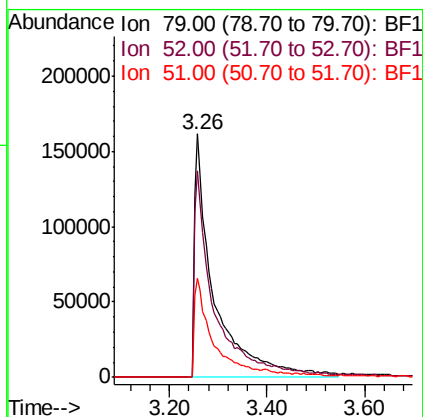
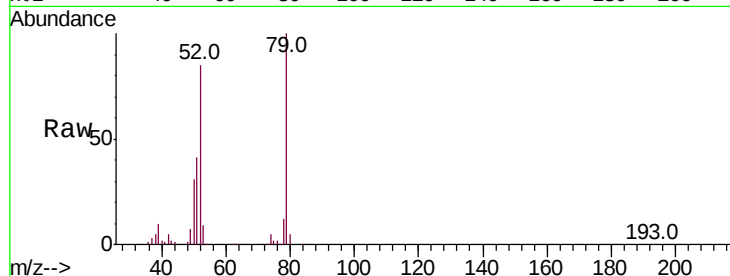
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	460749
Ion Ratio	Lower	Upper	
79	100		
52	85.0	70.6	105.8
51	40.6	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 35.366 ng

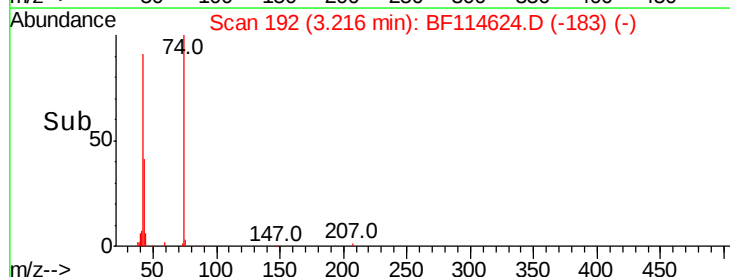
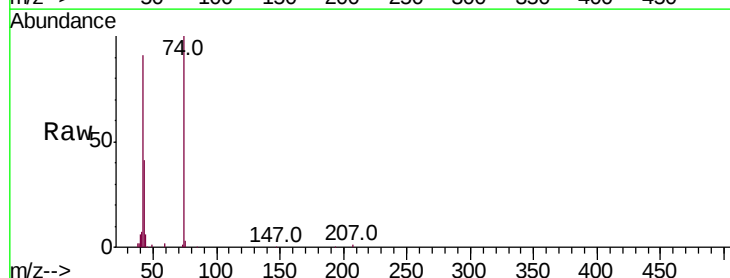
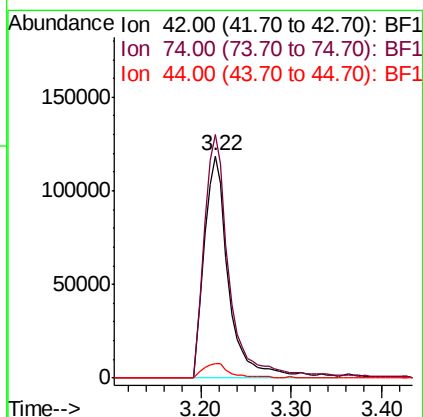
RT: 3.22 min Scan# 192

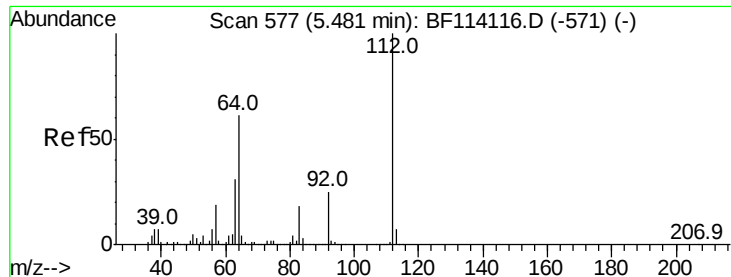
Delta R.T. -0.05 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Tgt Ion:	42	Resp:	226486
Ion Ratio	Lower	Upper	
42	100		
74	109.4	88.6	132.8
44	6.6	5.5	8.3





#5

2-Fluorophenol

Concen: 83.665 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

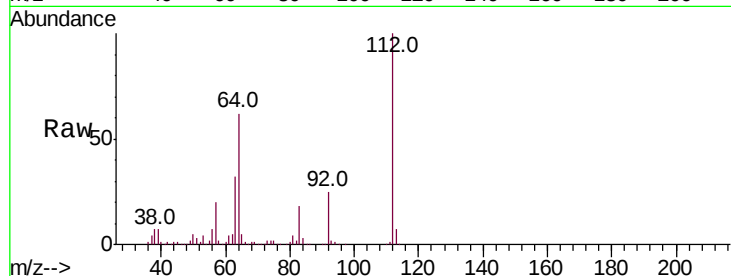
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	733664		
64	61.8	49.0	73.6	
63	31.5	24.6	37.0	

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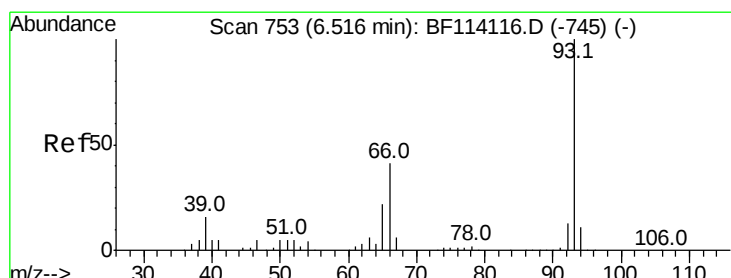
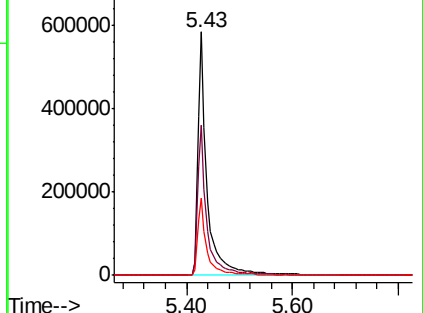
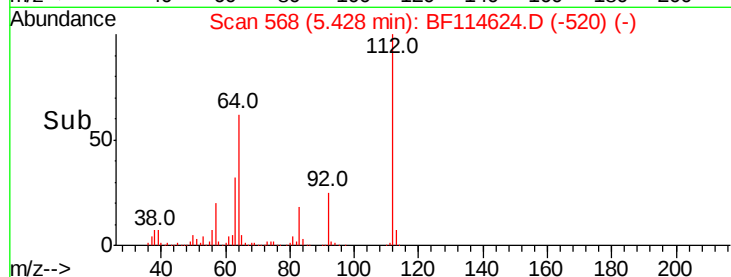
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.216 ng

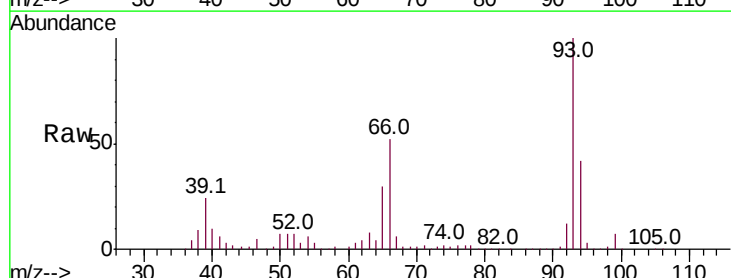
RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

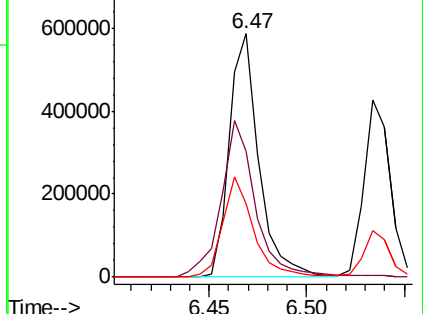
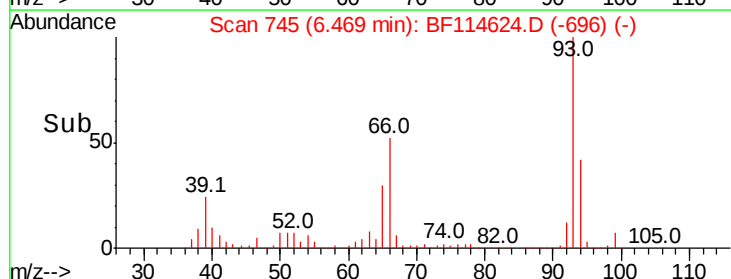
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	617495		
66	51.9	33.2	49.8#	
65	30.3	17.6	26.4#	

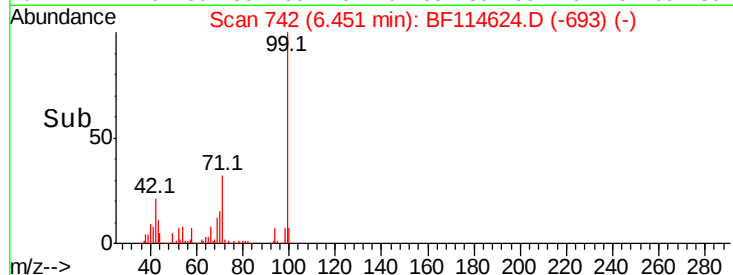
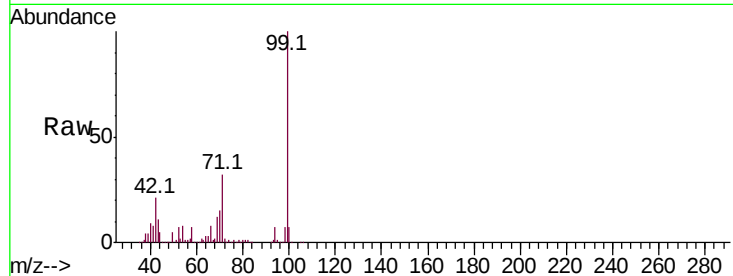
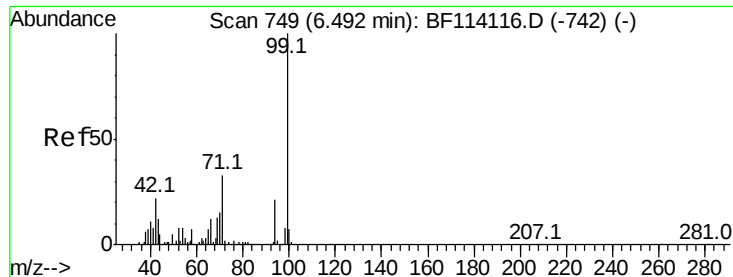


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.133 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Tot Ion:	99	Resp:	882948
Ion Ratio	Lower	Upper	
99	100		
42	20.8	17.9	26.9
71	32.4	26.2	39.2

Instrument :

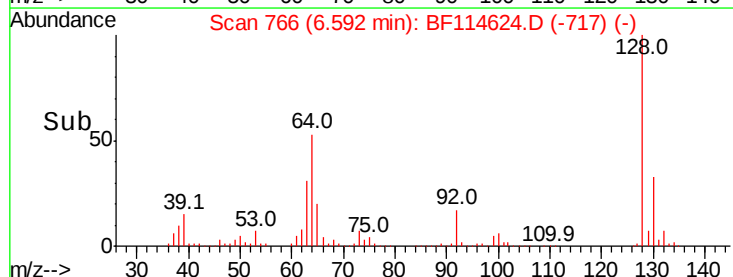
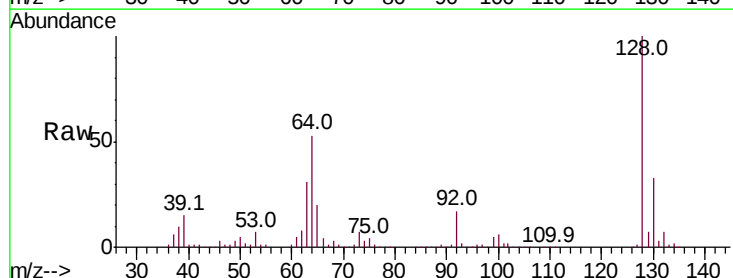
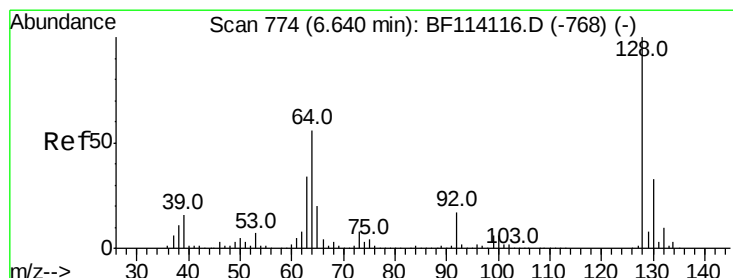
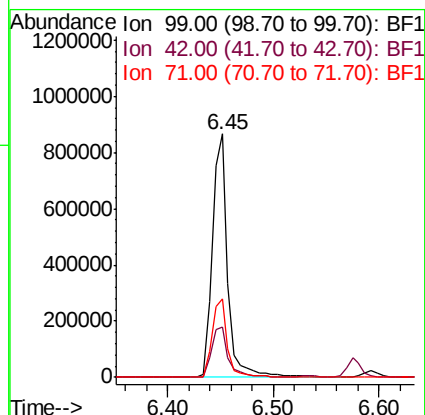
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#8

2-Chlorophenol

Concen: 42.999 ng

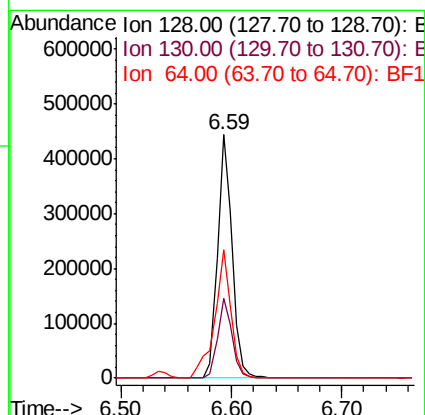
RT: 6.59 min Scan# 766

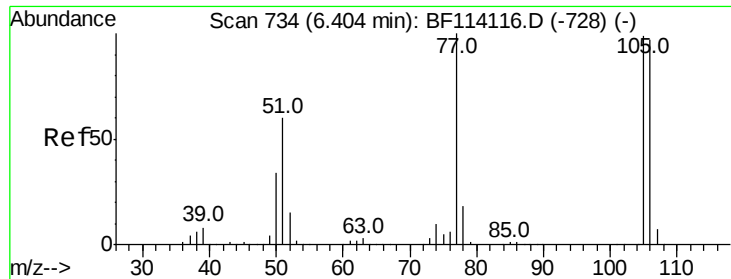
Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Tgt Ion:	128	Resp:	402532
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.6	52.6
64	52.6	35.9	75.9





#9

Benzaldehyde

Concen: 35.388 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

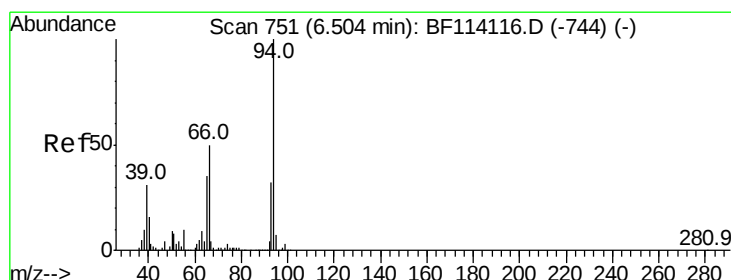
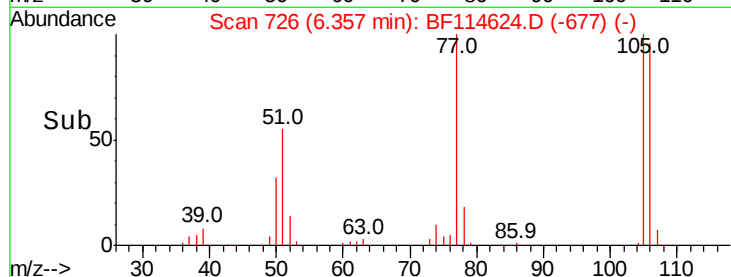
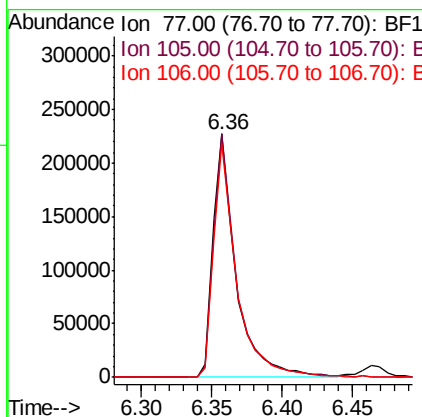
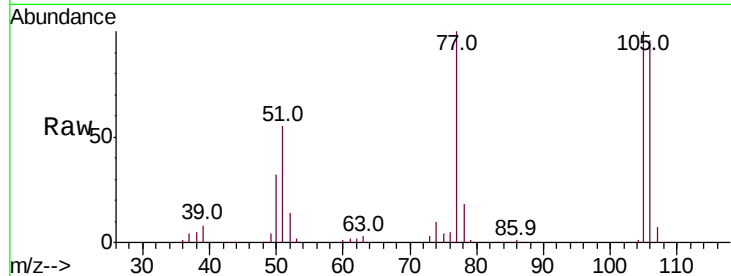
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	100.2	79.3	119.3	
106	96.0	77.0	117.0	

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#10

Phenol

Concen: 42.037 ng

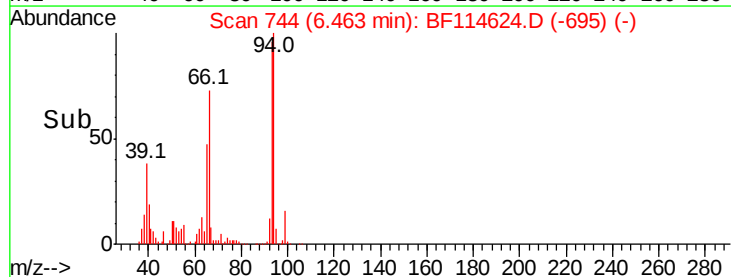
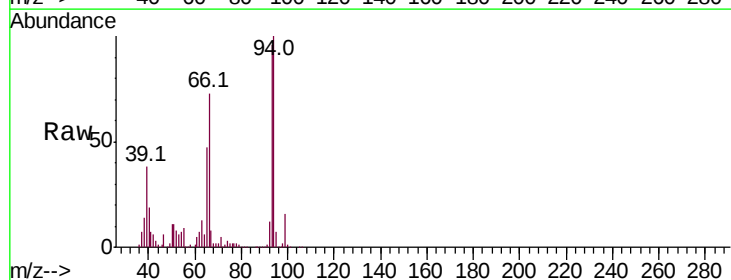
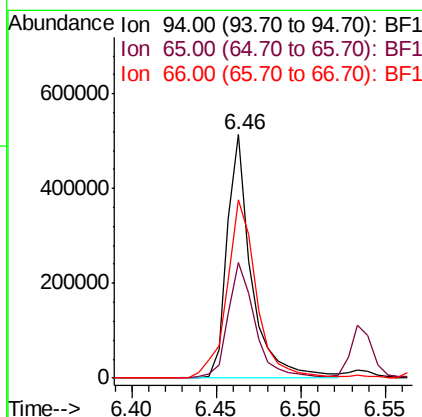
RT: 6.46 min Scan# 744

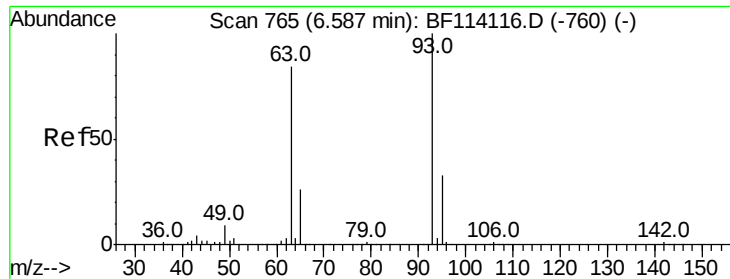
Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	47.3	14.7	54.7	
66	73.3	29.6	69.6	





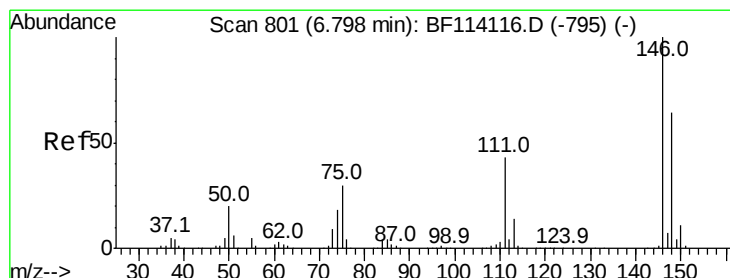
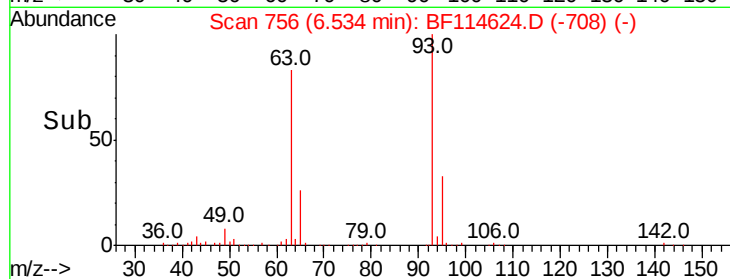
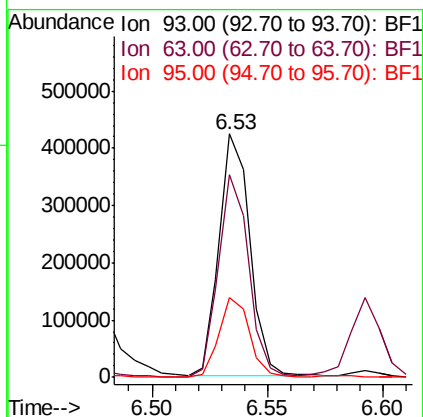
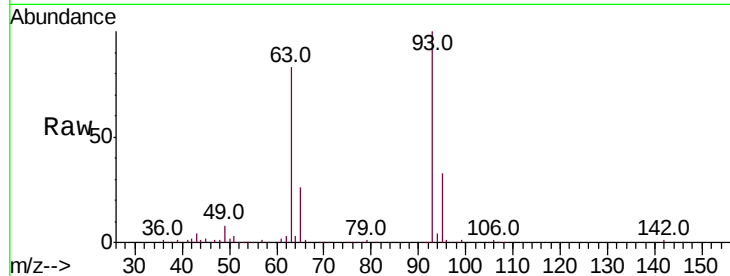
#11
bis(2-Chloroethyl)ether
Concen: 42.299 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	391795		
63	83.0	63.6	103.6	
95	32.5	13.1	53.1	

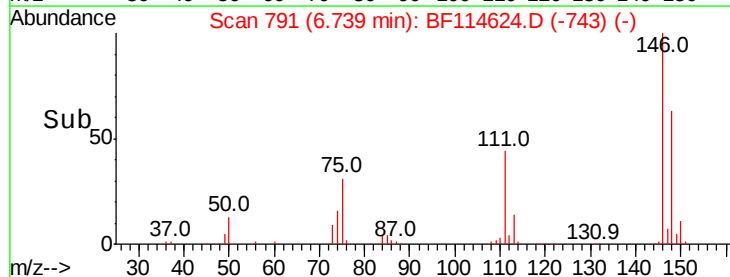
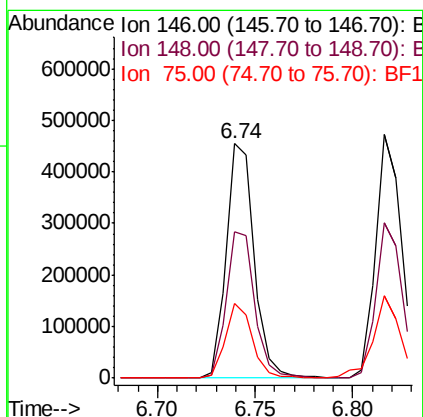
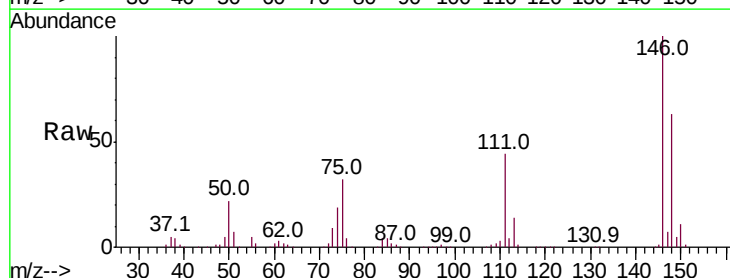
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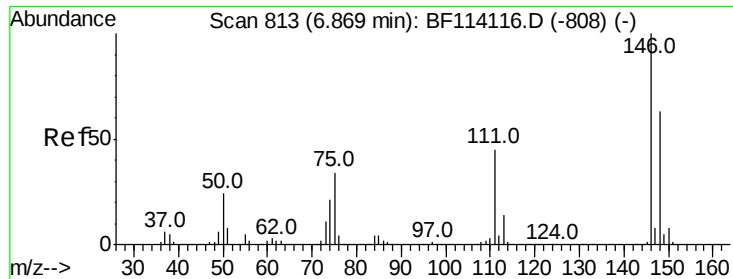
mohammad
5/27/2019 3:50:32 AM



#12
1,3-Dichlorobenzene
Concen: 42.985 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	451696		
148	62.5	51.6	77.4	
75	32.0	24.2	36.2	





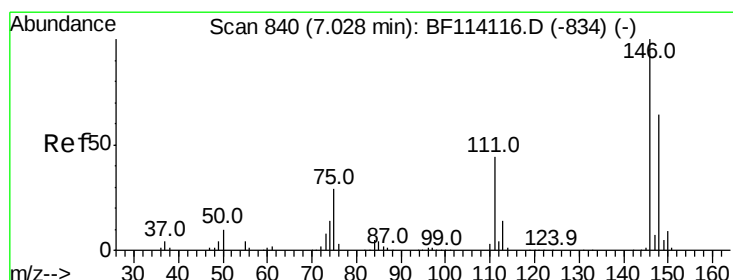
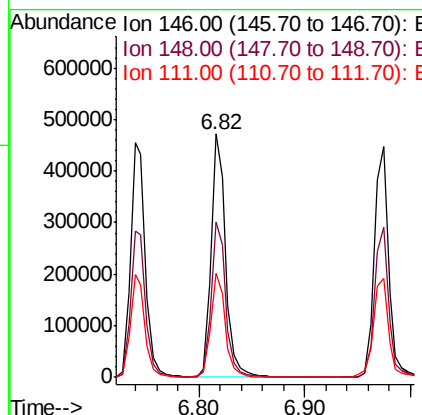
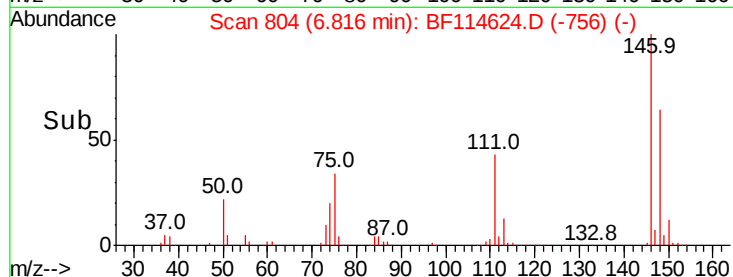
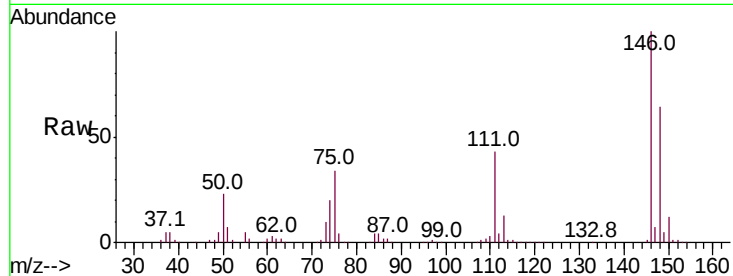
#13
 1,4-Dichlorobenzene
 Concen: 42.949 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.2
111	42.5	35.8	53.6

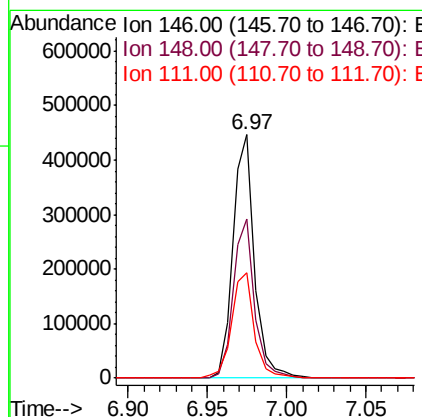
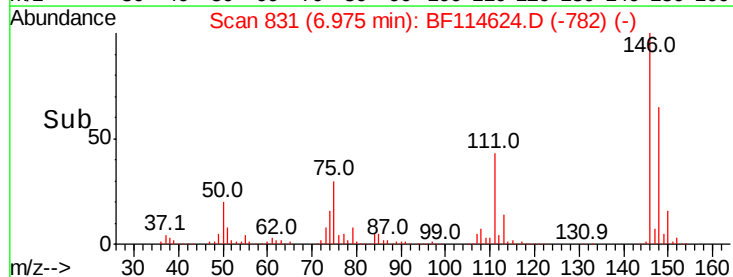
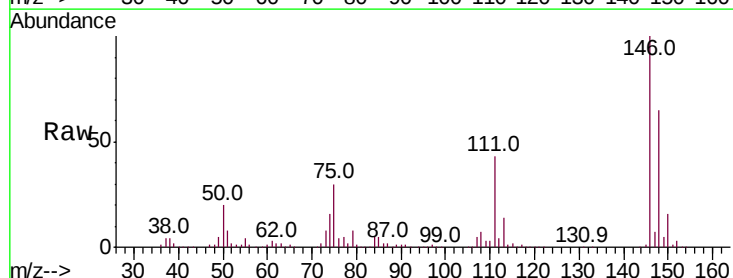
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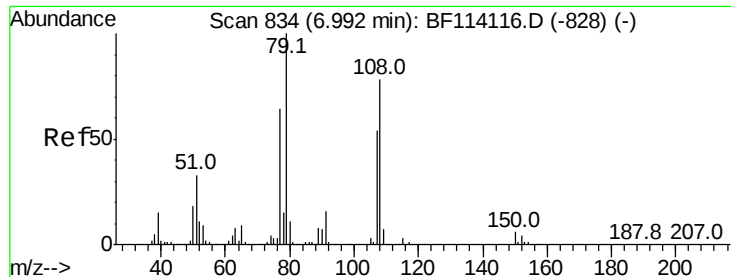
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.136 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.1	76.7
111	43.2	35.3	52.9





#15

Benzyl Alcohol

Concen: 39.538 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

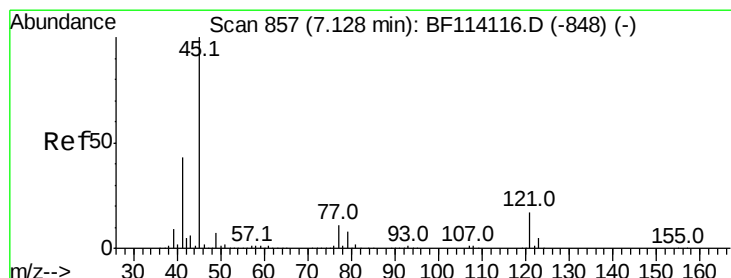
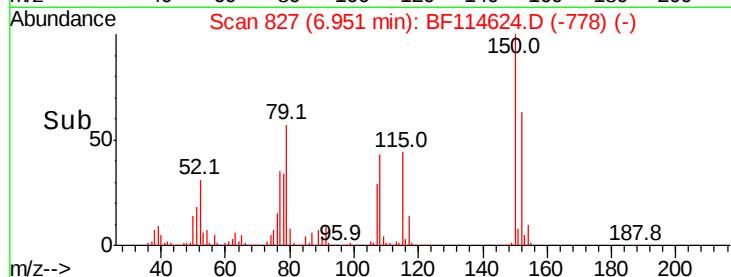
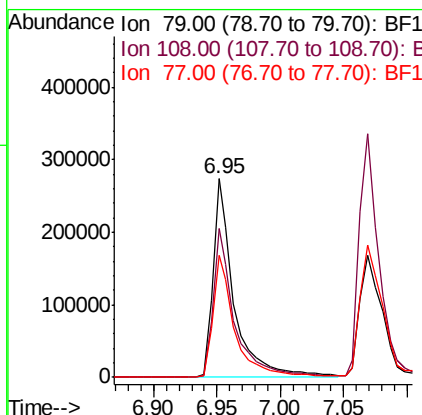
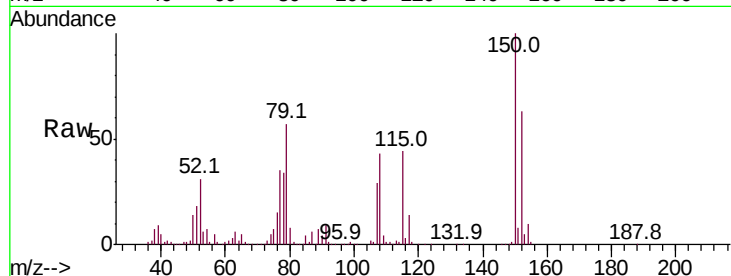
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	319822
Ion Ratio	Lower	Upper	
79	100		
108	75.4	62.1	93.1
77	61.6	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.411 ng

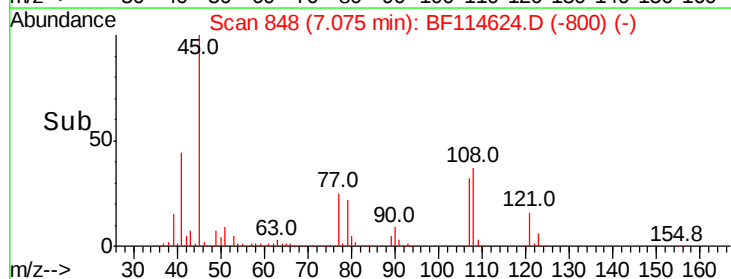
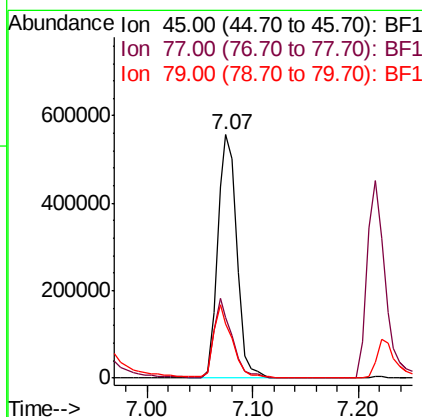
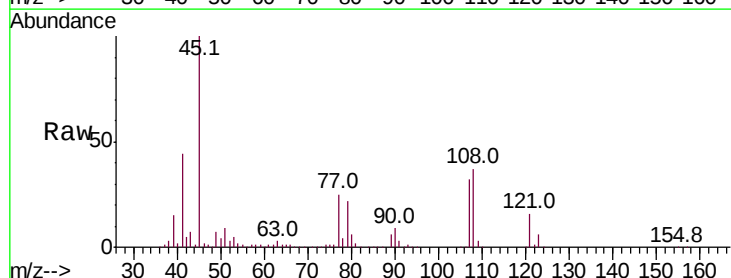
RT: 7.07 min Scan# 848

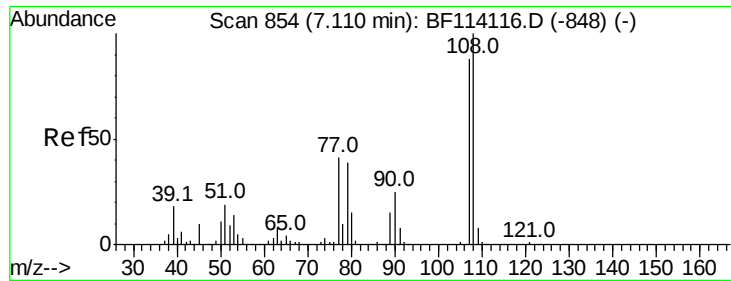
Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Tgt Ion:	45	Resp:	707804
Ion Ratio	Lower	Upper	
45	100		
77	25.0	0.0	31.1
79	22.3	0.0	28.4





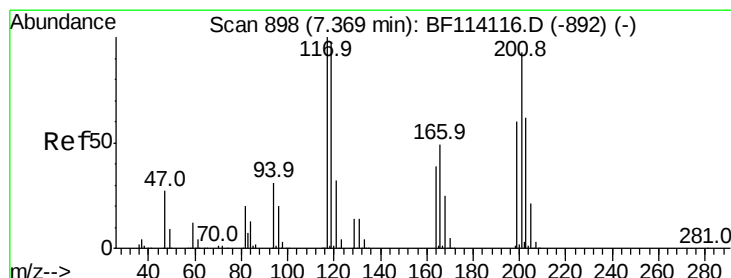
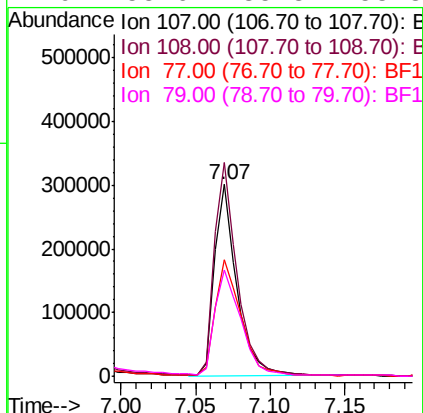
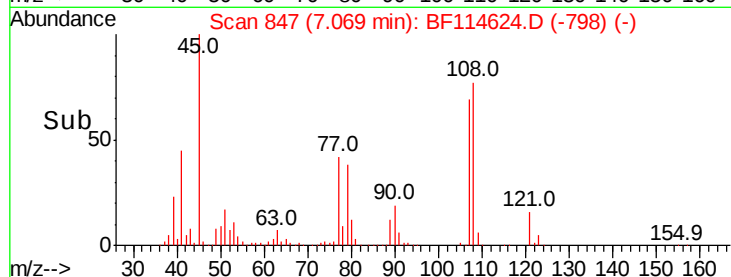
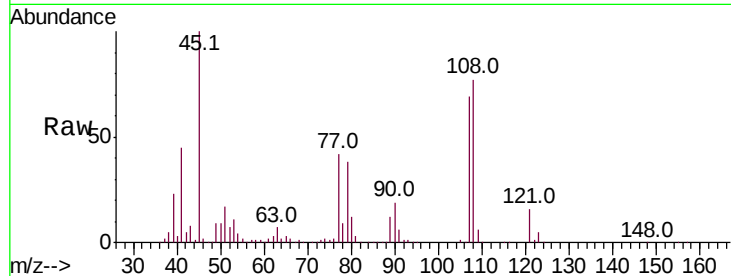
#17
2-Methylphenol
Concen: 40.709 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	90.5	135.7	
77	60.6	37.0	55.4	
79	55.6	35.8	53.8	

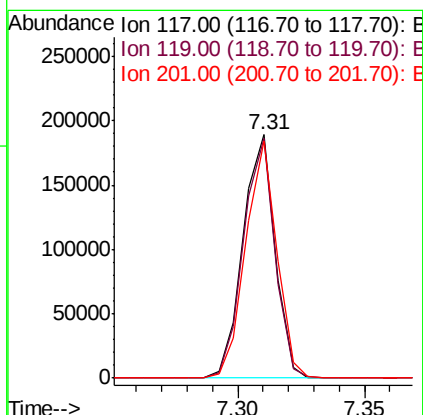
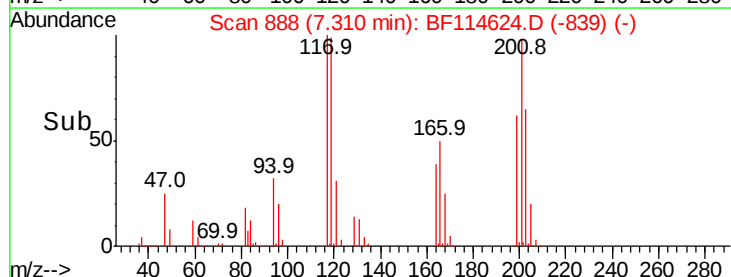
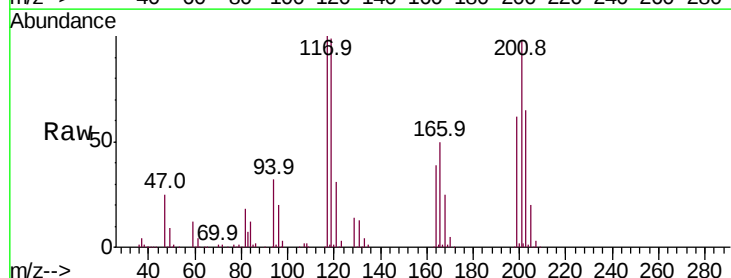
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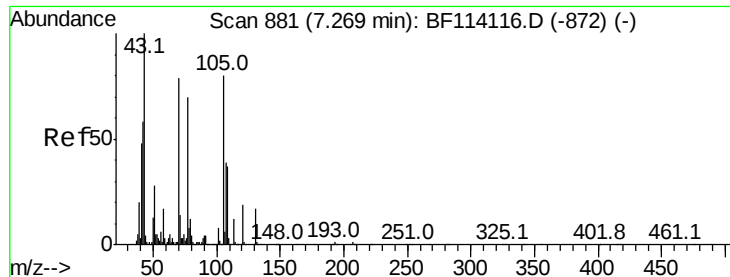
mohammad
5/27/2019 3:50:32 AM



#18
Hexachloroethane
Concen: 41.680 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	77.4	116.2	
201	97.6	74.5	111.7	





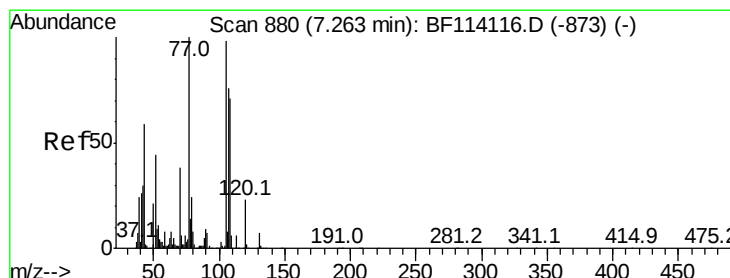
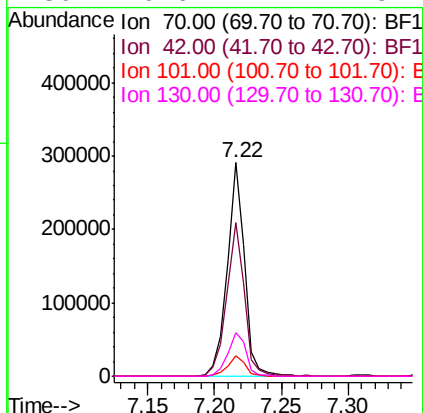
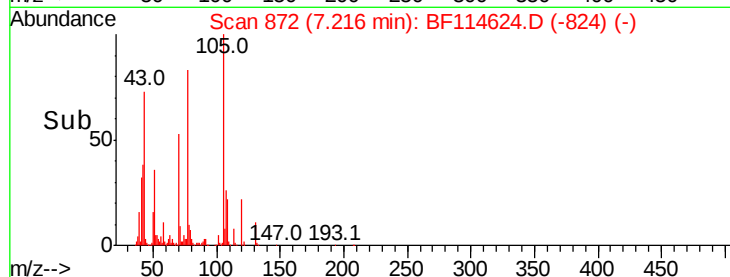
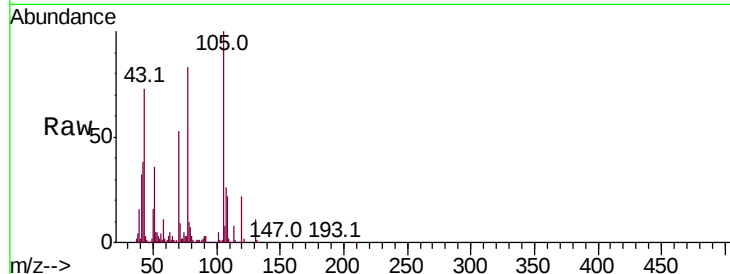
#19
n-Nitroso-di-n-propylamine
Concen: 40.631 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.9	58.6	87.8
101	9.8	7.8	11.8
130	20.6	17.1	25.7

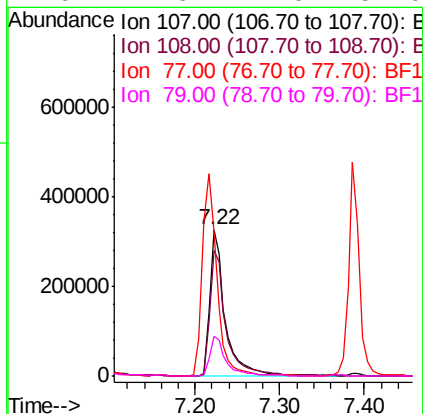
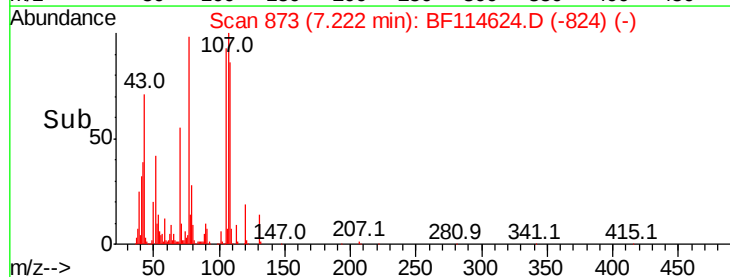
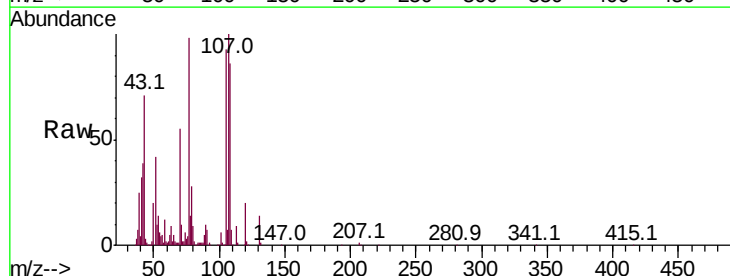
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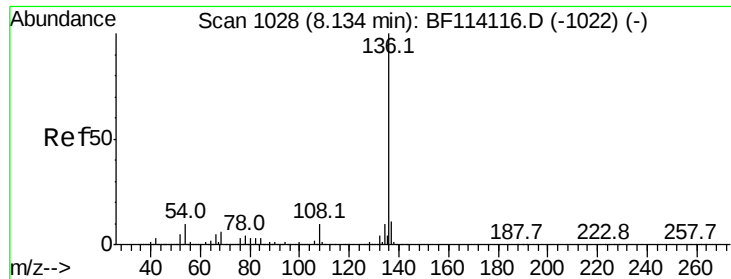
mohammad
5/27/2019 3:50:32 AM



#20
3+4-Methylphenols
Concen: 46.328 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	73.8	113.8
77	98.3	111.5	151.5#
79	27.6	12.0	52.0





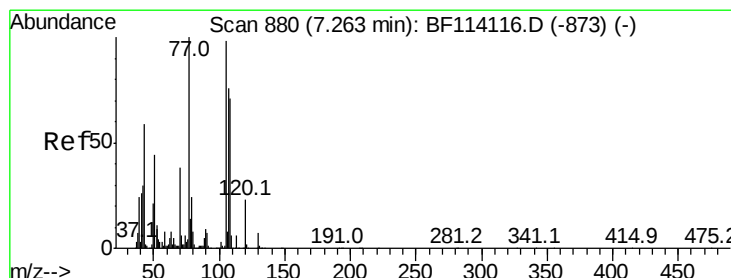
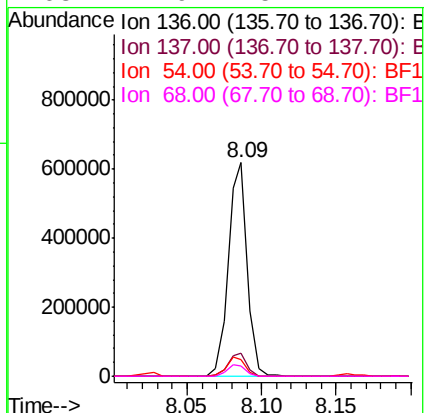
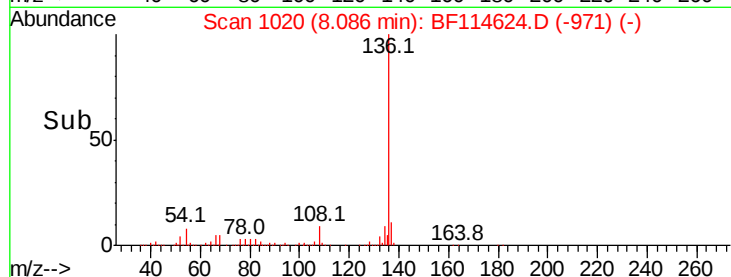
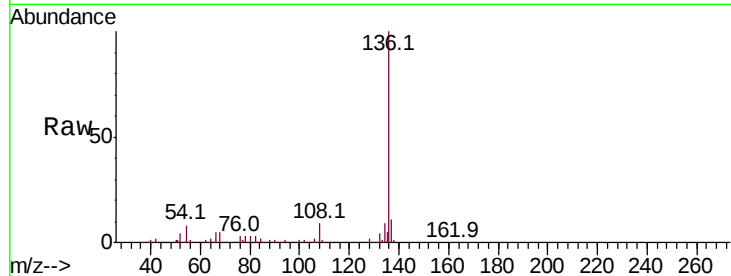
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	7.7	7.8	11.8#	
68	4.9	5.1	7.7#	

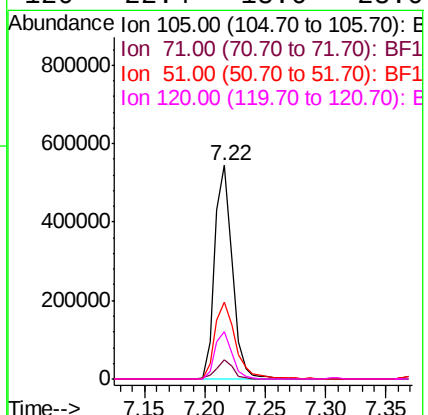
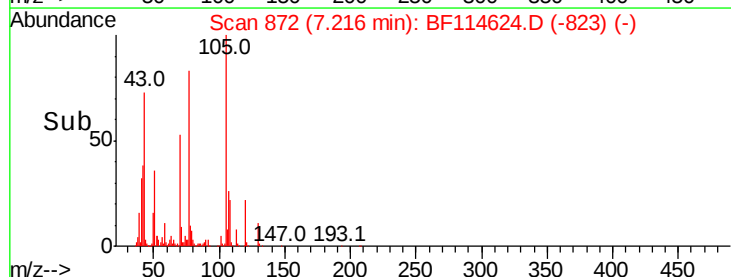
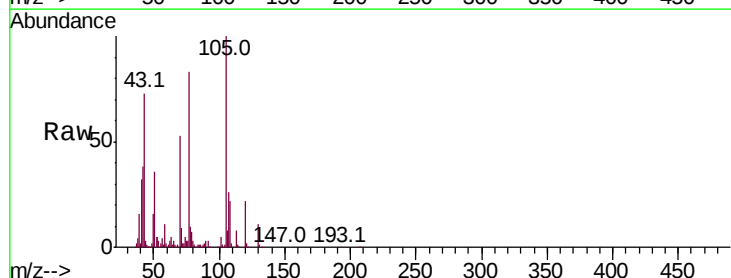
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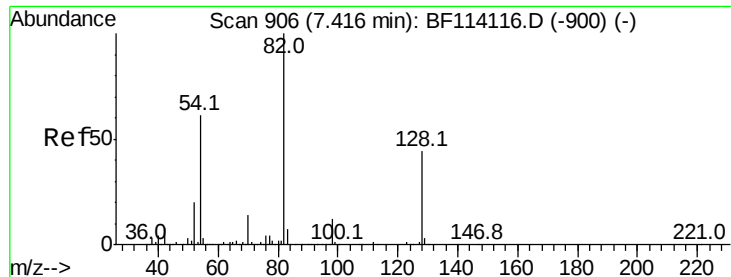
mohammad
5/27/2019 3:50:32 AM



#22
Acetophenone
Concen: 44.031 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.8	5.3	7.9#	
51	35.9	36.2	54.4#	
120	22.4	18.6	28.0	





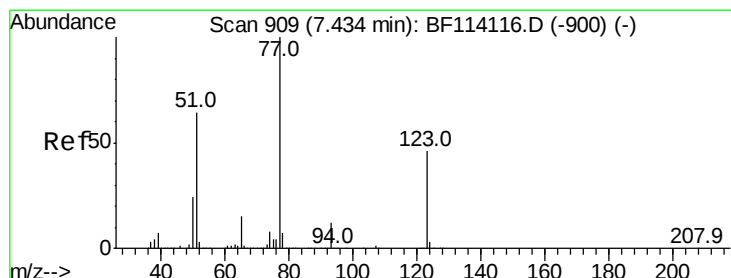
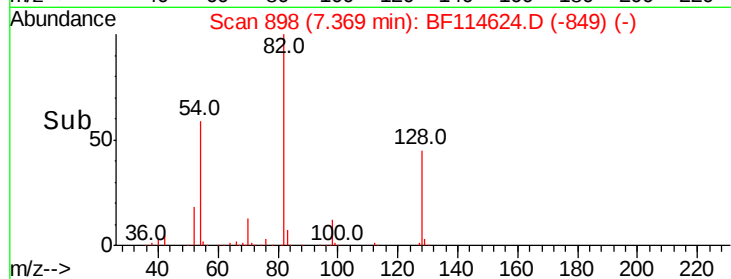
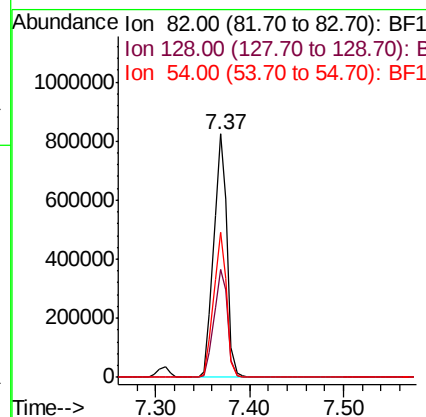
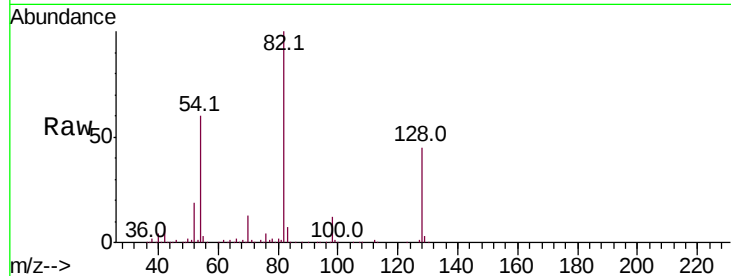
#23
 Nitrobenzene-d5
 Concen: 83.747 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.5	53.3
54	59.5	48.5	72.7

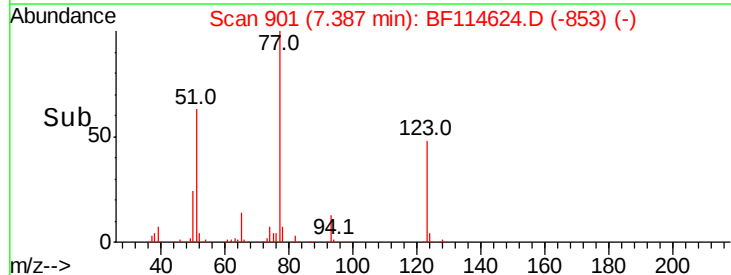
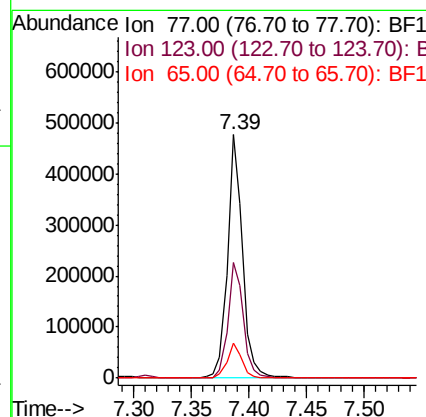
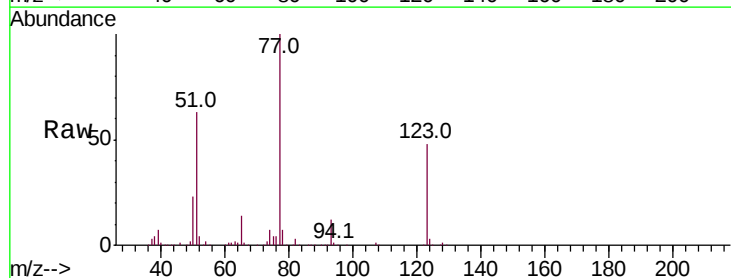
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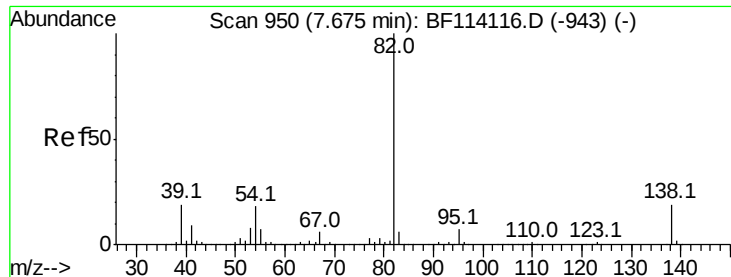
mohammad
 5/27/2019 3:50:32 AM



#24
 Nitrobenzene
 Concen: 42.488 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	36.9	55.3
65	14.2	11.8	17.6





#25

Isophorone

Concen: 40.577 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

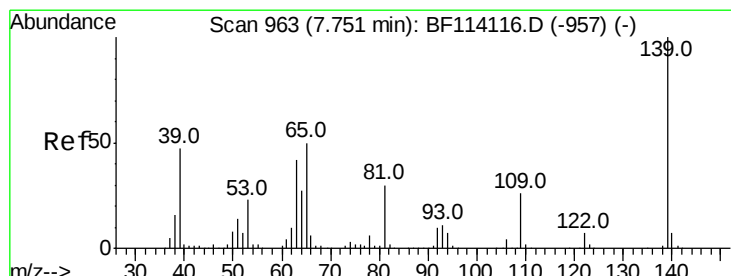
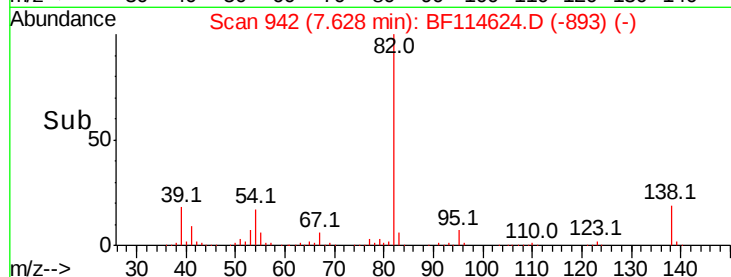
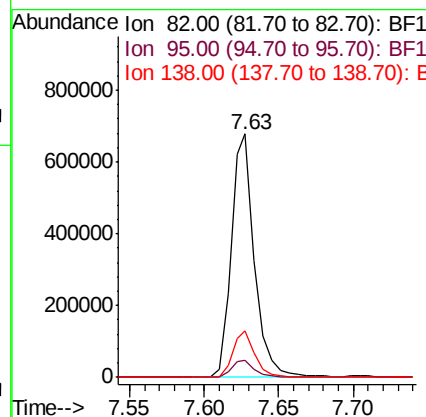
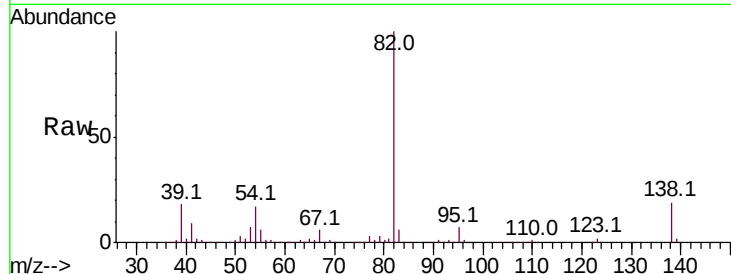
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	742495
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	19.1	14.8	22.2

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#26

2-Nitrophenol

Concen: 43.310 ng

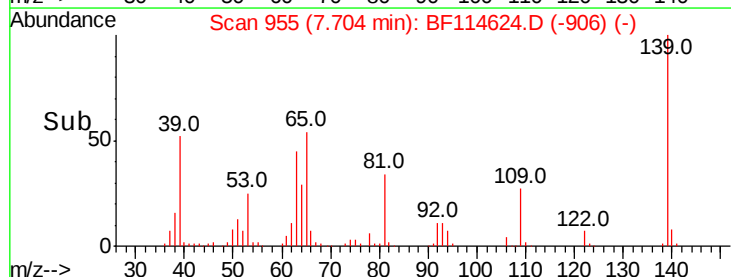
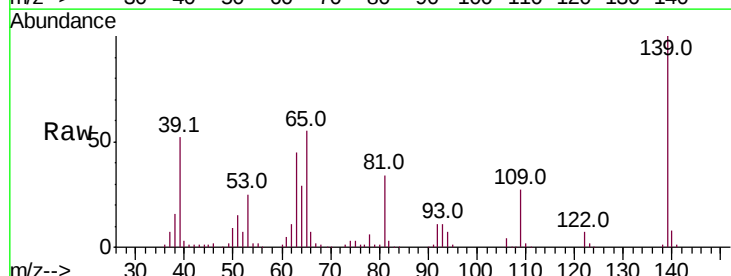
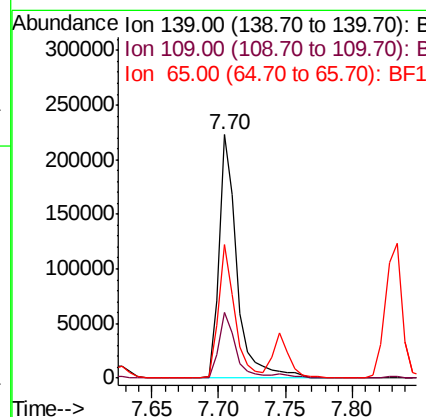
RT: 7.70 min Scan# 955

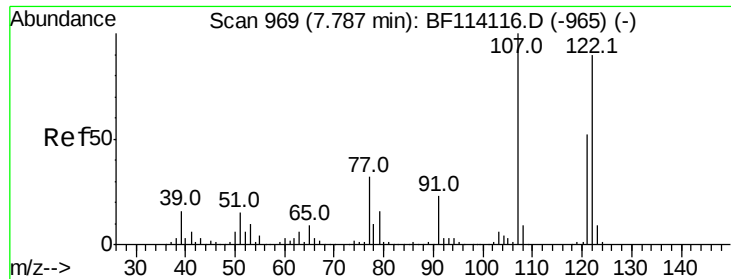
Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Tgt Ion:	139	Resp:	211157
Ion Ratio	Lower	Upper	
139	100		
109	27.0	20.7	31.1
65	54.6	40.2	60.2





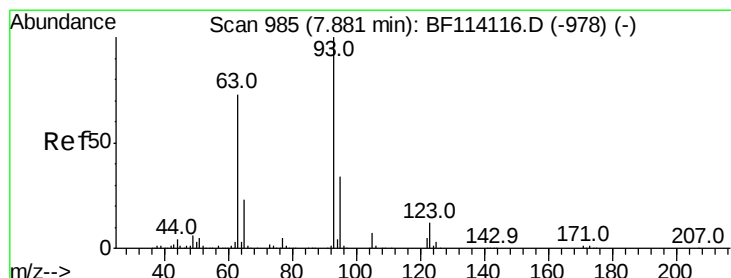
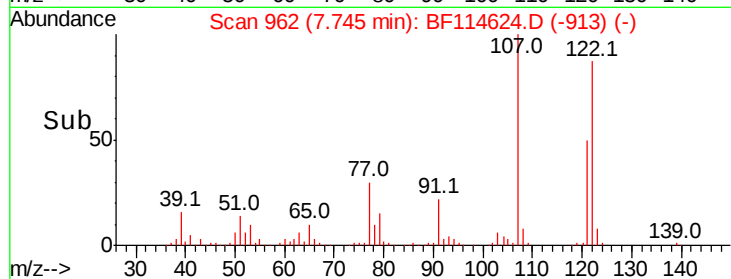
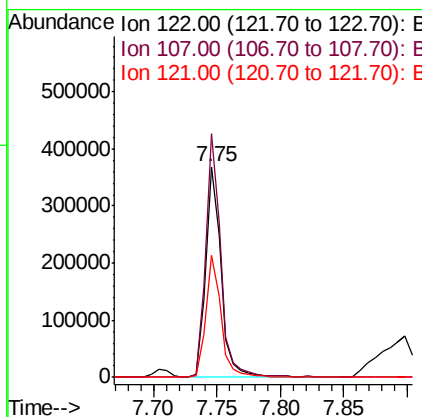
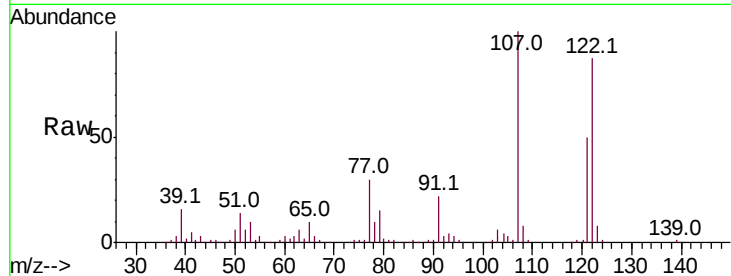
#27
2,4-Dimethylphenol
Concen: 40.536 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	88.4	132.6
121	57.9	45.9	68.9

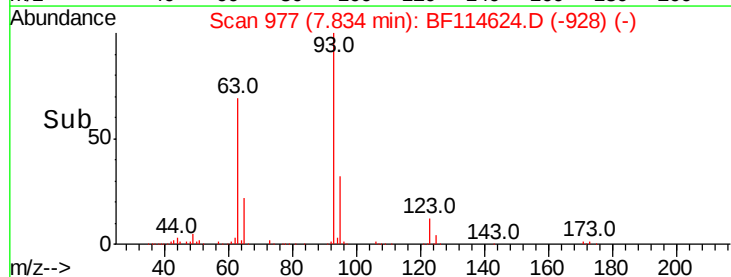
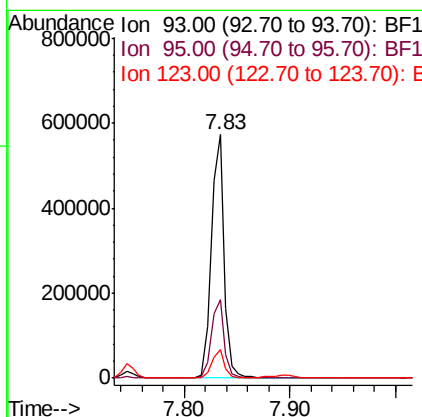
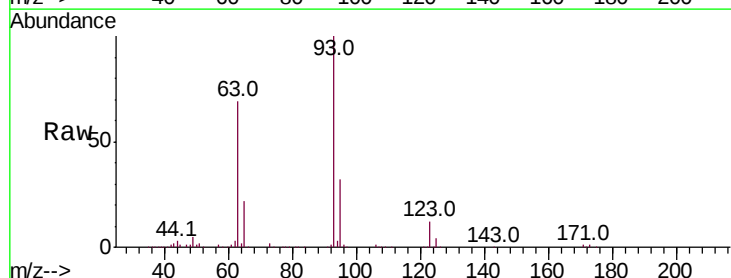
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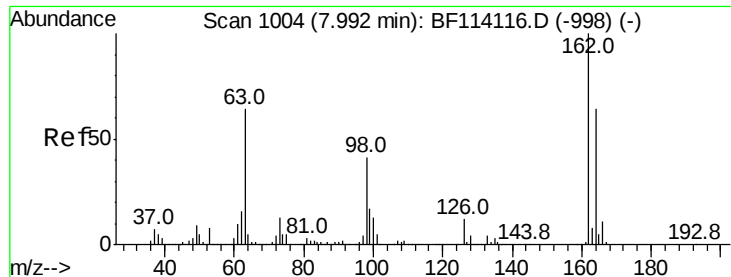
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#28
bis(2-Chloroethoxy)methane
Concen: 41.313 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.8	40.2
123	11.7	9.5	14.3





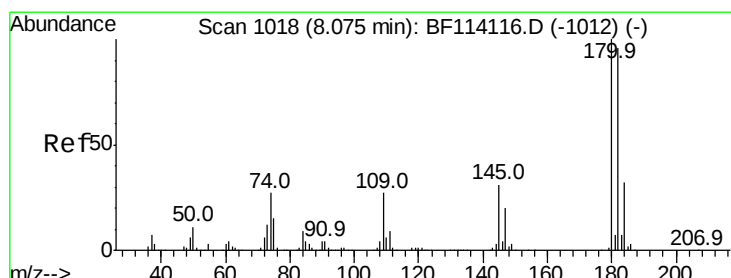
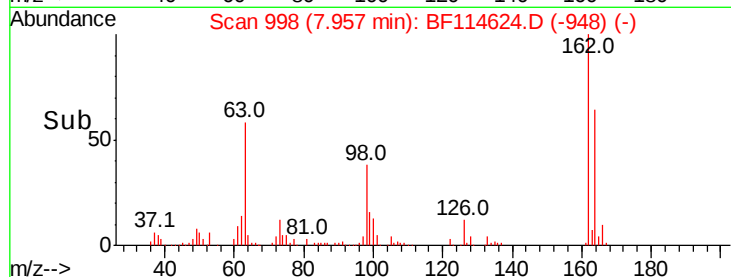
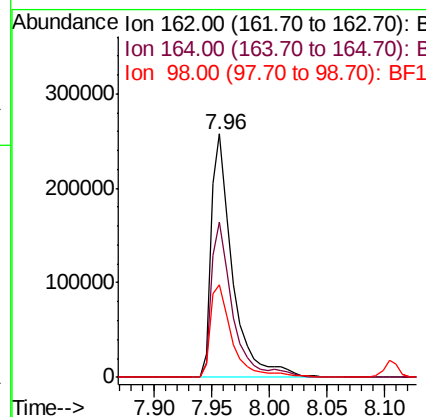
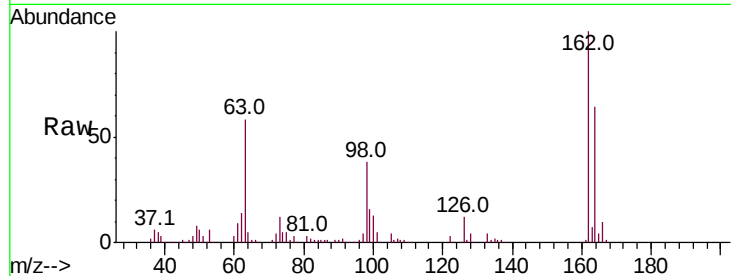
#29
2,4-Dichlorophenol
Concen: 42.987 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	327773		
164	63.8	43.6	83.6	
98	38.1	20.6	60.6	

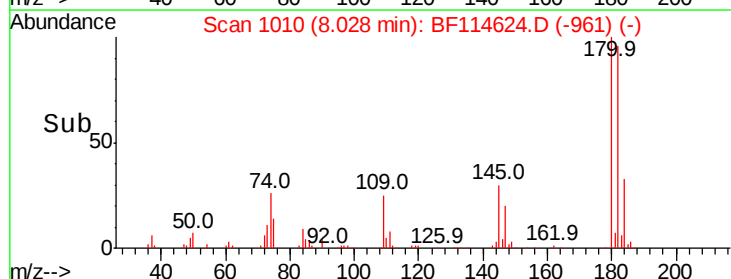
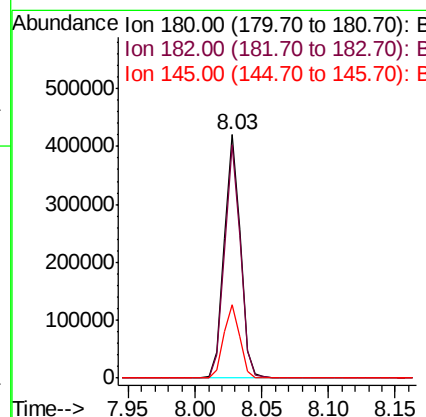
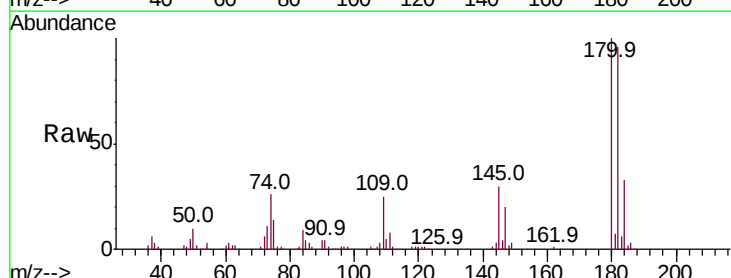
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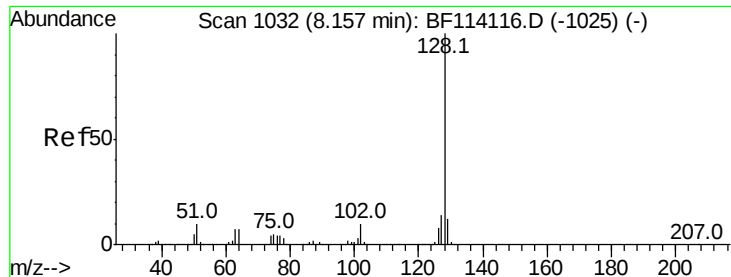
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#30
1,2,4-Trichlorobenzene
Concen: 41.902 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	363310		
182	95.8	76.6	114.8	
145	30.3	25.1	37.7	





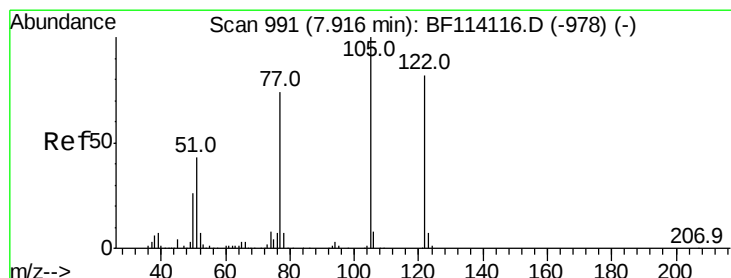
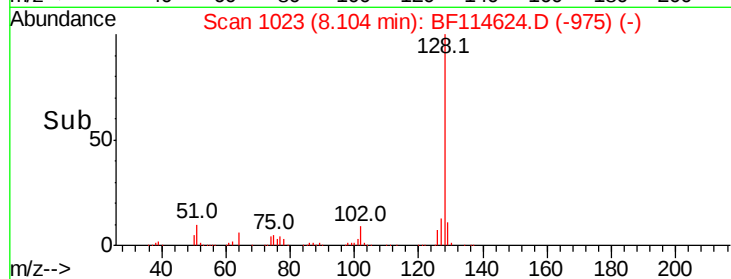
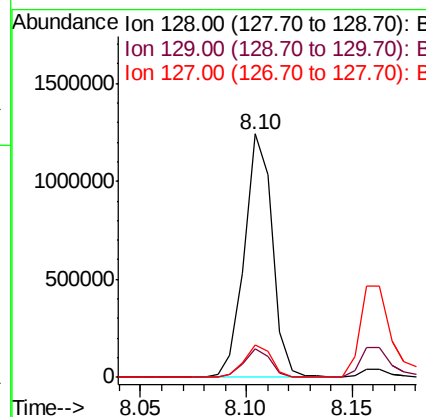
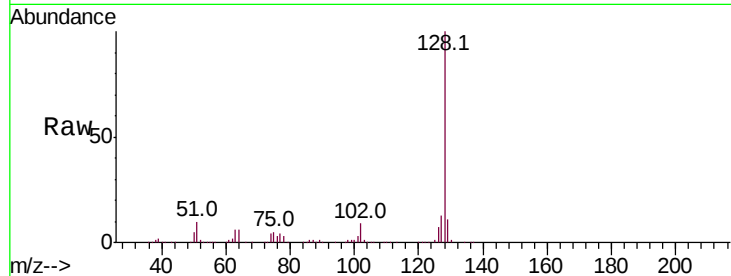
#31
Naphthalene
Concen: 44.025 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.3	11.3	16.9

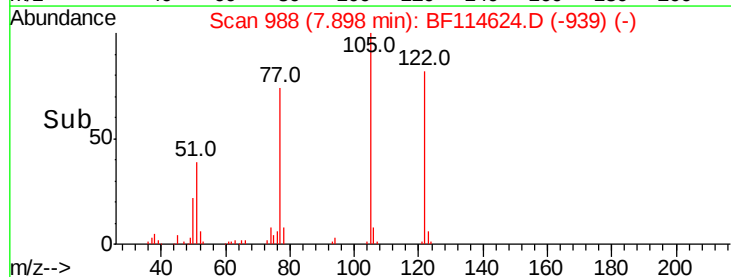
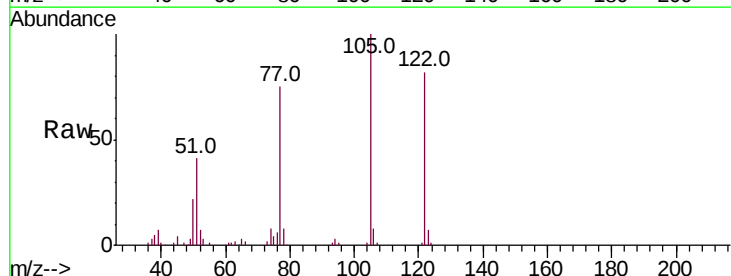
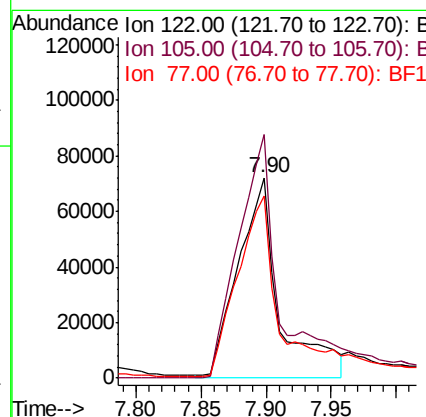
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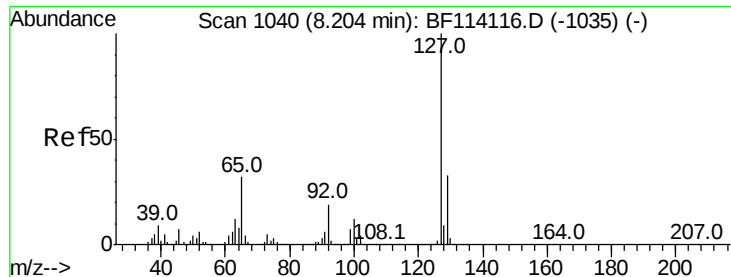
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#32
Benzoic acid
Concen: 32.074 ng m
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.5	99.9	139.9
77	90.7	69.4	109.4





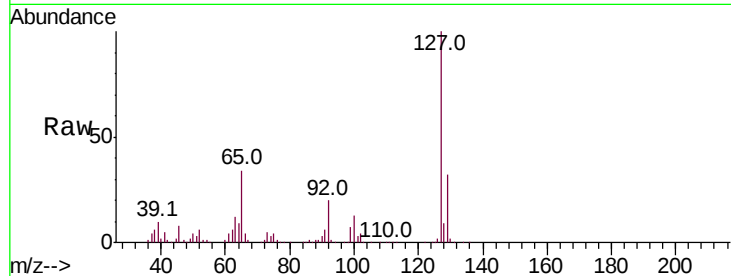
#33
4-Chloroaniline
Concen: 43.554 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

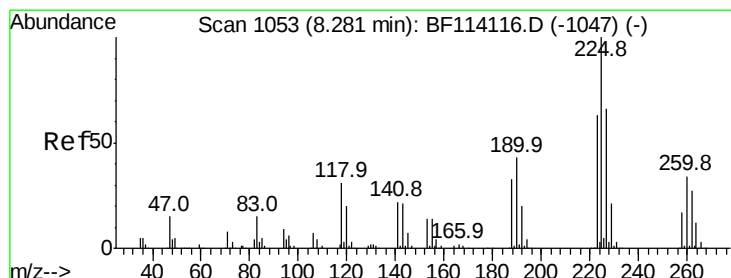
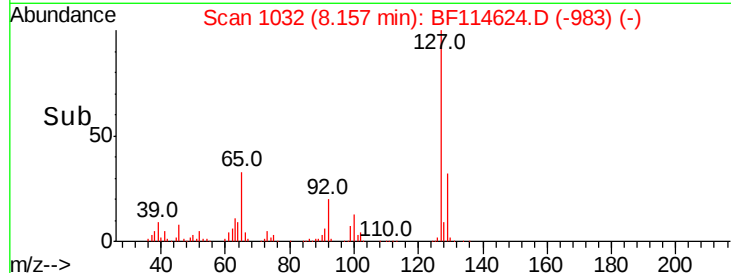
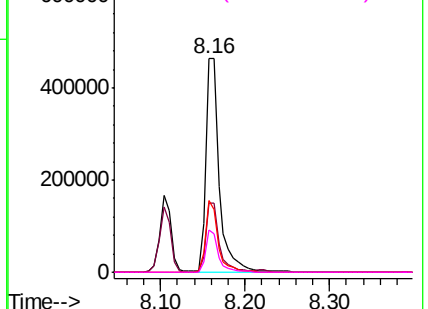
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.7	40.1	
65	33.8	25.4	38.0	
92	19.6	15.4	23.2	

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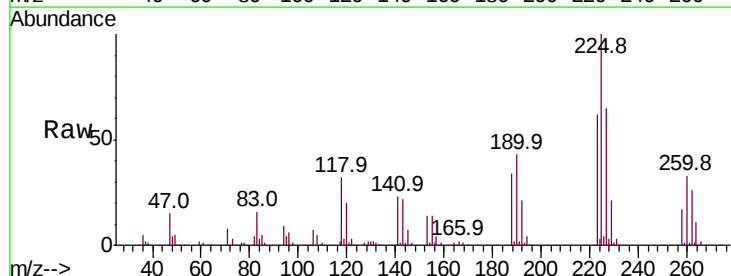


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

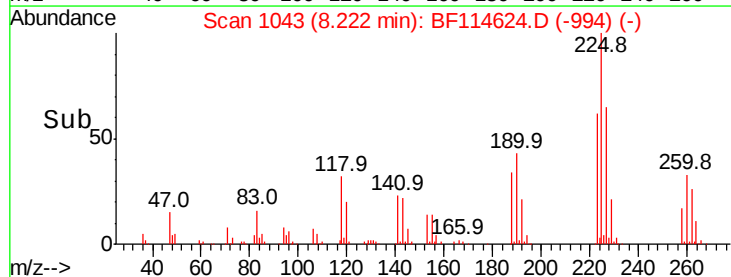
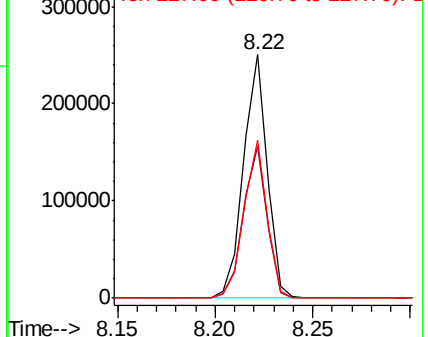


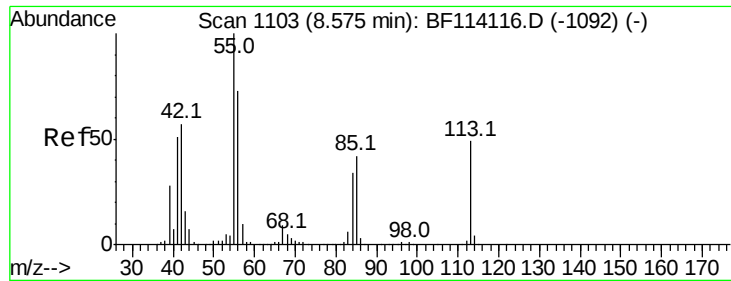
#34
Hexachlorobutadiene
Concen: 42.635 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	50.2	75.2	
227	64.7	52.6	79.0	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.082 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

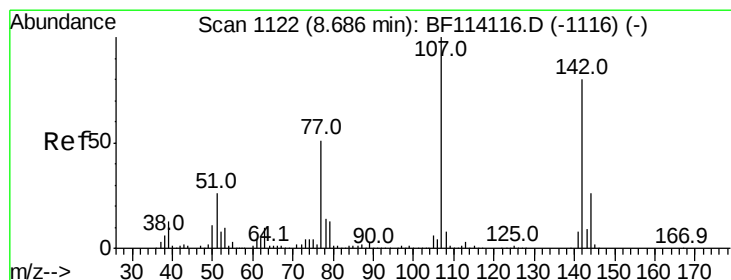
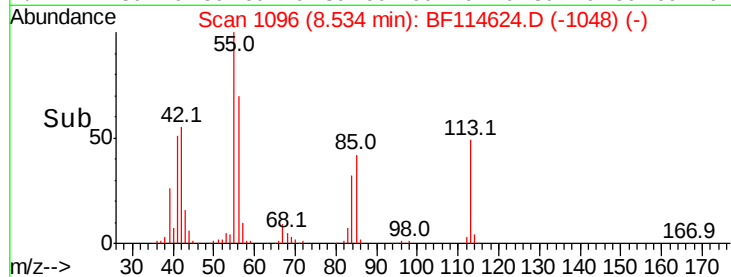
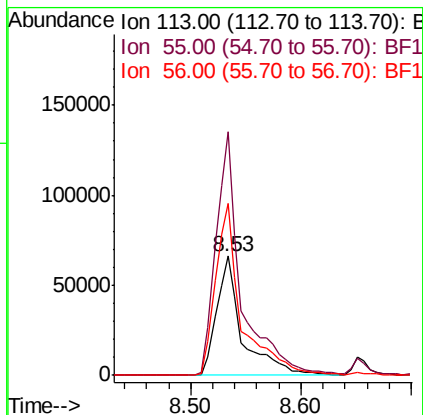
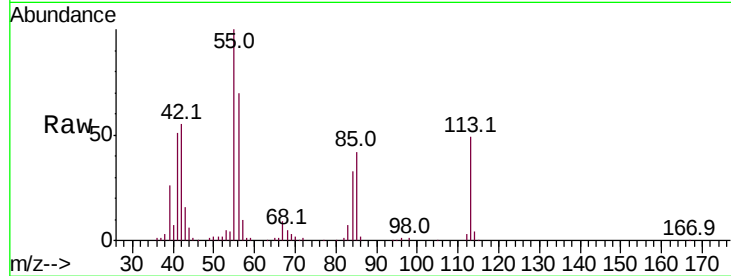
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	107115
Ion Ratio	Lower	Upper	
113	100		
55	204.3	183.5	223.5
56	143.8	128.8	168.8

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#36

4-Chloro-3-methylphenol

Concen: 44.060 ng

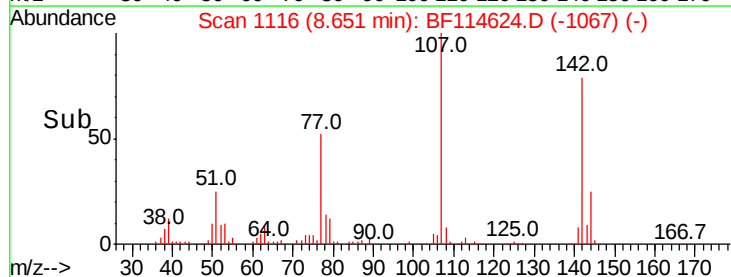
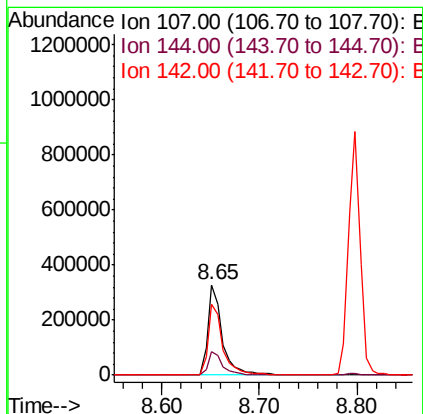
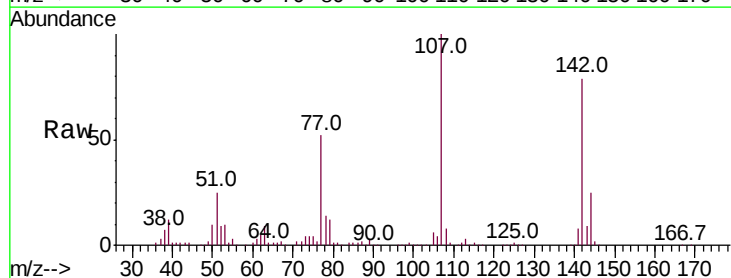
RT: 8.65 min Scan# 1116

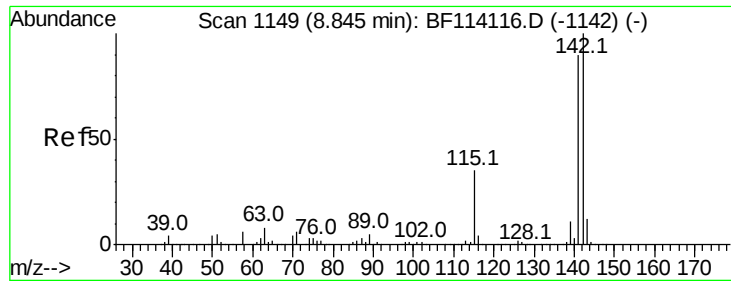
Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Tgt Ion:	107	Resp:	338166
Ion Ratio	Lower	Upper	
107	100		
144	25.4	20.4	30.6
142	78.6	64.2	96.4





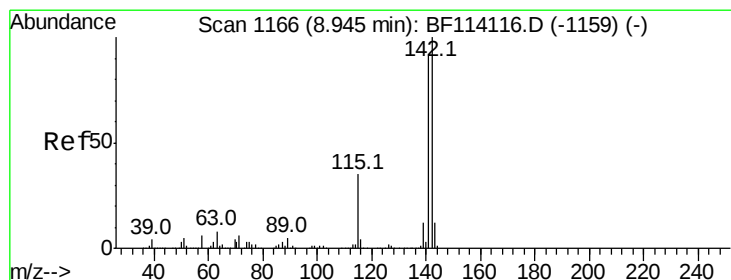
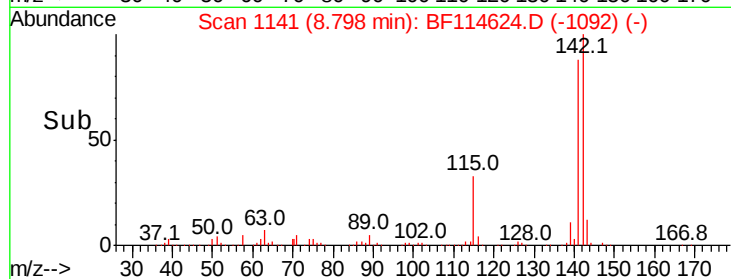
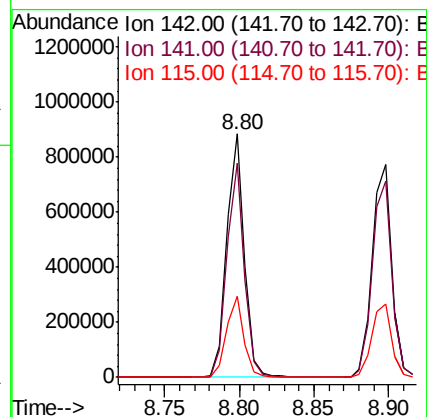
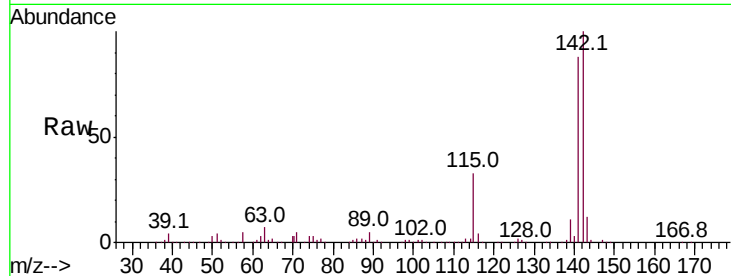
#37
2-Methylnaphthalene
Concen: 44.166 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.1	108.1
115	33.2	28.0	42.0

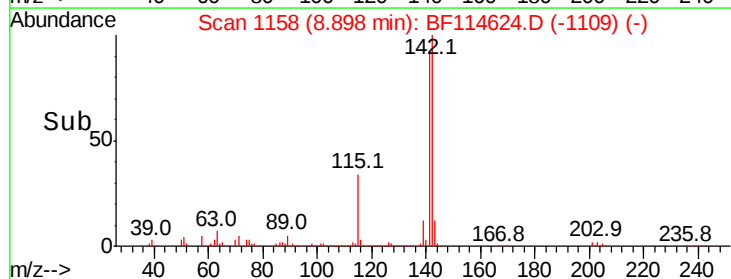
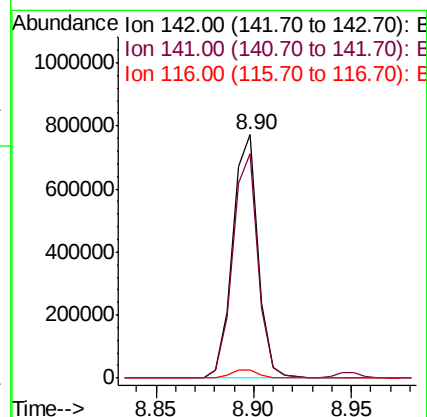
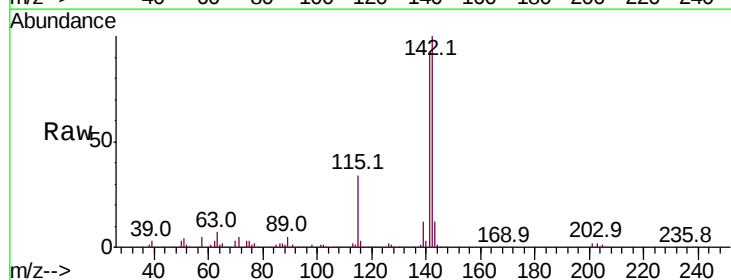
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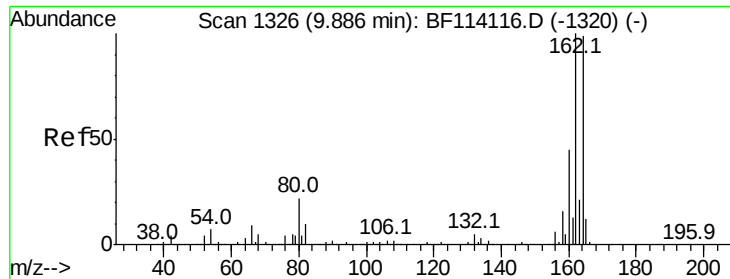
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#38
1-Methylnaphthalene
Concen: 44.021 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.4	110.0
116	3.5	3.1	4.7





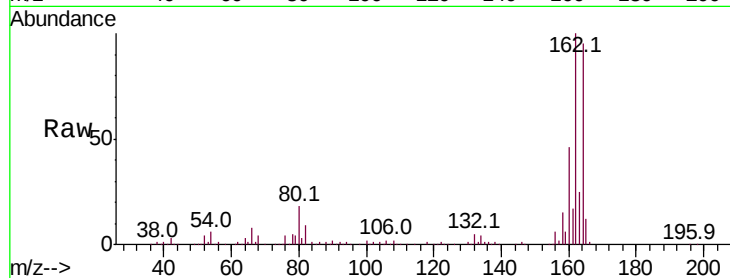
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	80.6	120.8
160	47.9	36.5	54.7

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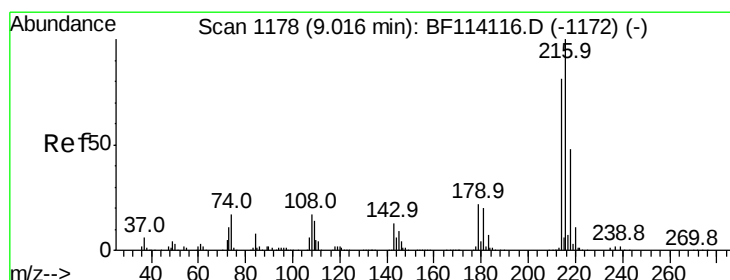
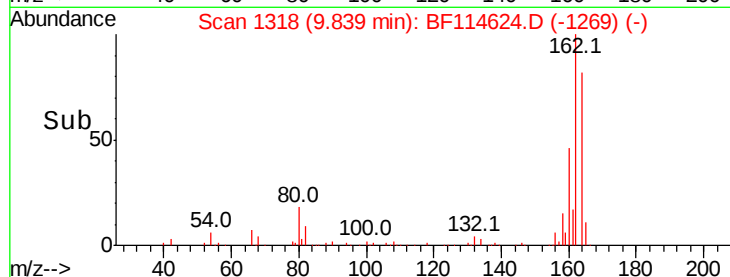
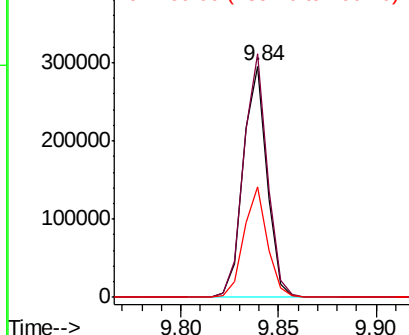


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.471 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.9	95.9
179	21.0	17.0	25.6
108	18.4	14.8	22.2

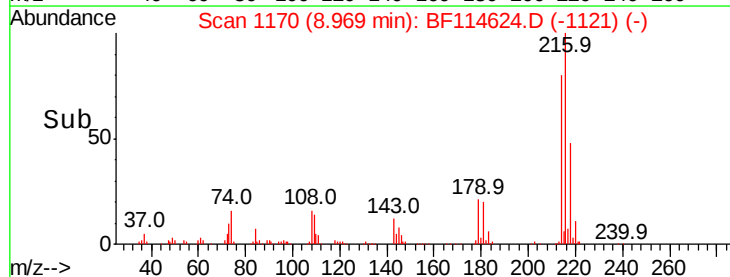
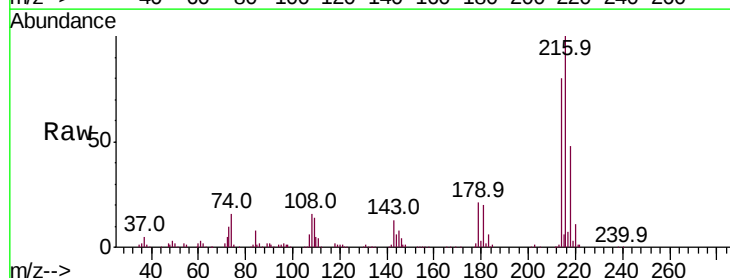
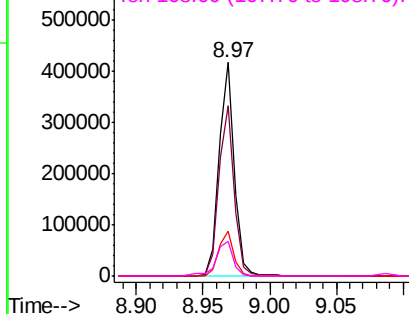
Abundance

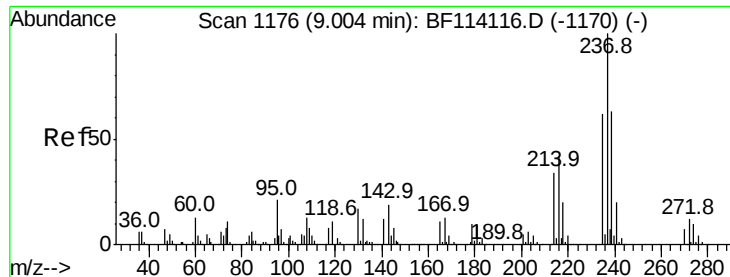
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





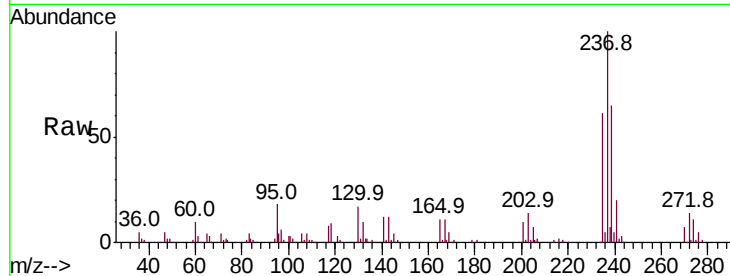
#41
Hexachlorocyclopentadiene
Concen: 34.084 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

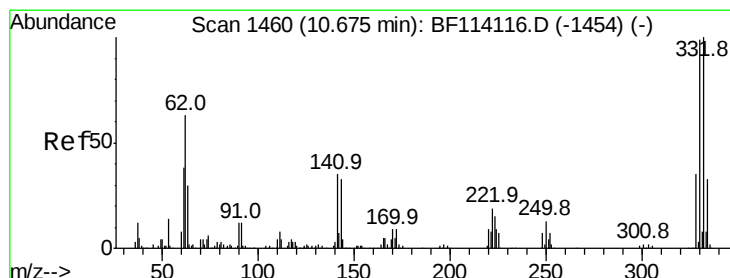
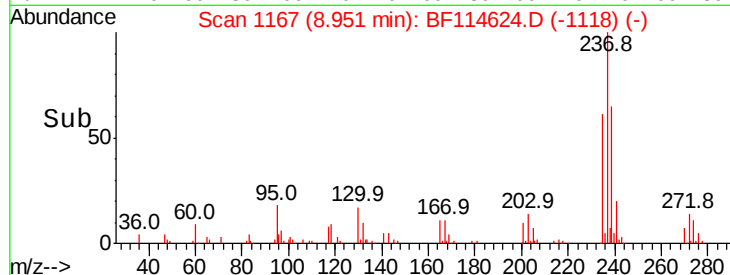
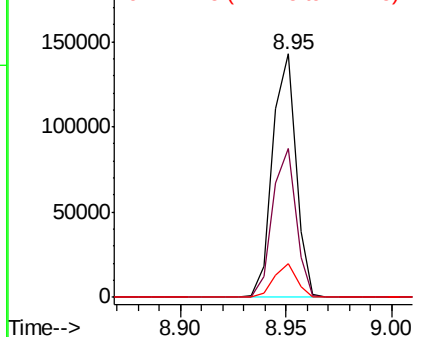
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.4	42.0	82.0
272	13.8	0.0	32.4

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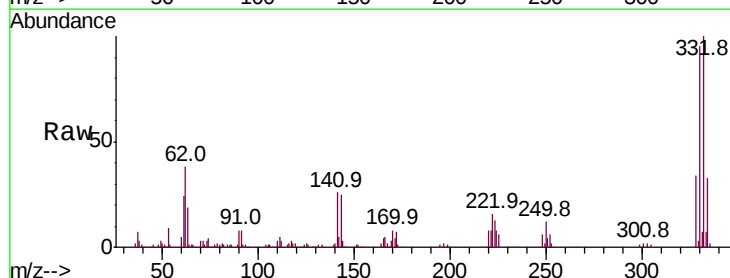


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

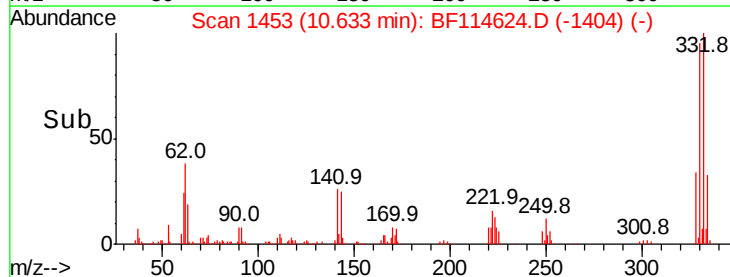
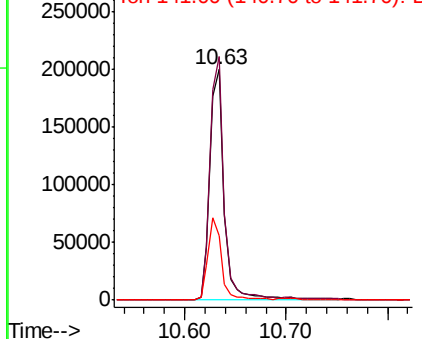


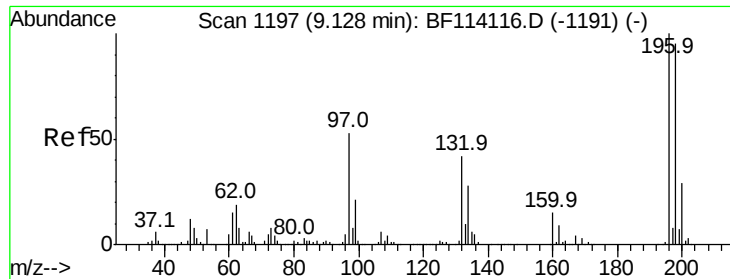
#42
2,4,6-Tribromophenol
Concen: 77.404 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	104.7	81.4	122.2
141	33.7	26.6	40.0



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





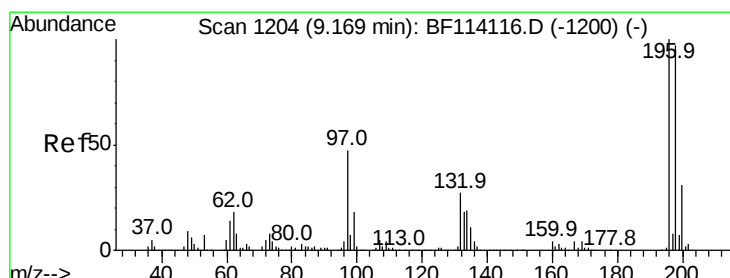
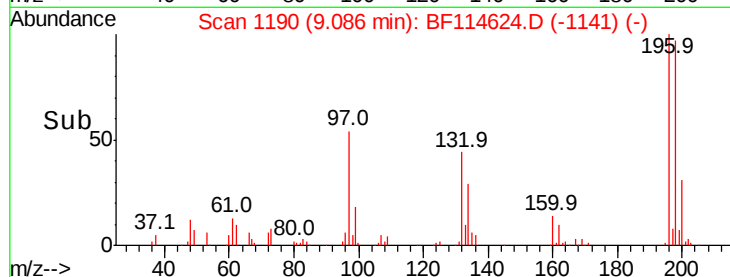
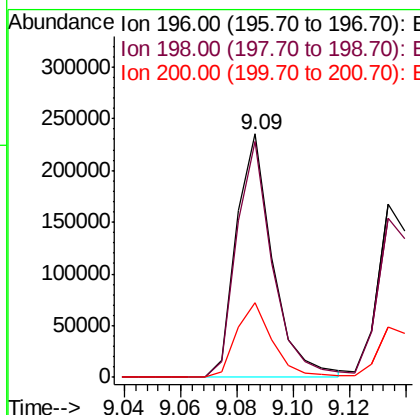
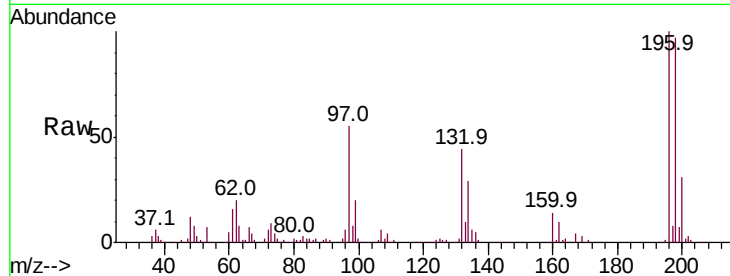
#43
 2,4,6-Trichlorophenol
 Concen: 40.464 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	210243		
198	97.0	75.9	113.9	
200	30.7	23.5	35.3	

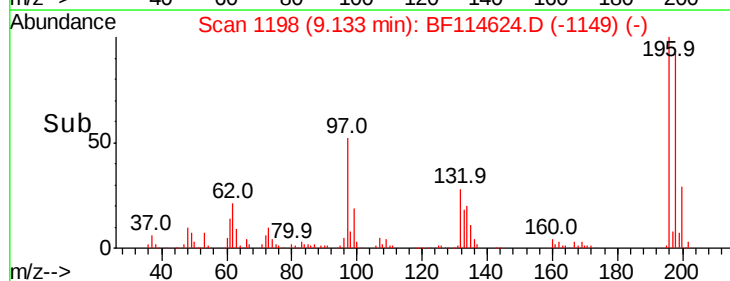
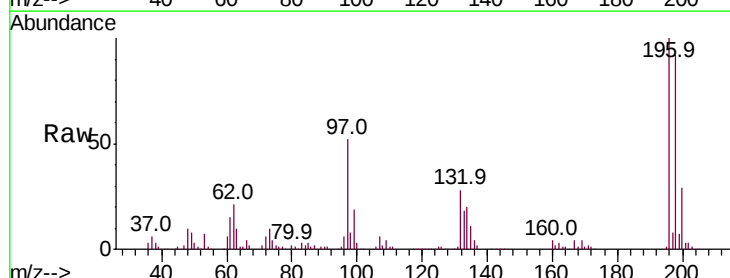
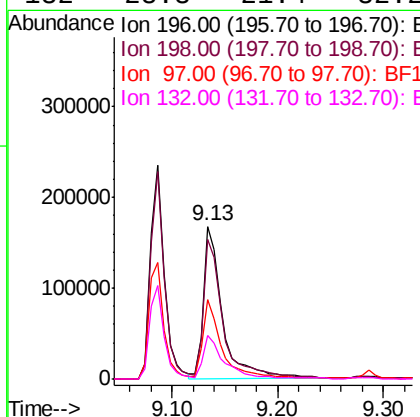
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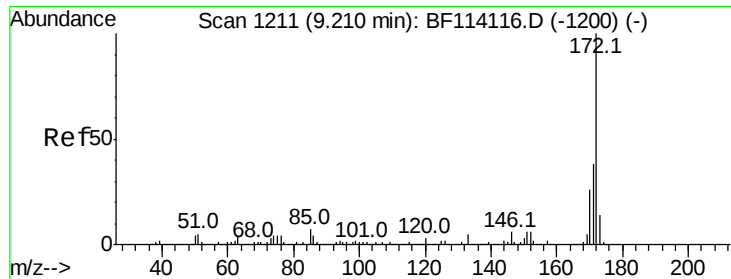
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#44
 2,4,5-Trichlorophenol
 Concen: 39.082 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208247		
198	91.7	77.7	116.5	
97	52.5	38.2	57.2	
132	28.3	21.4	32.2	





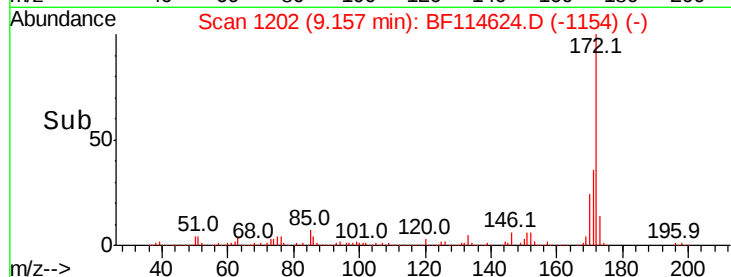
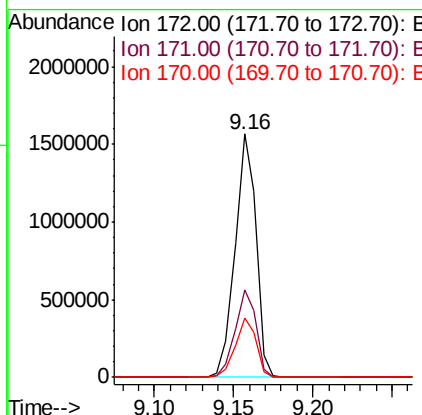
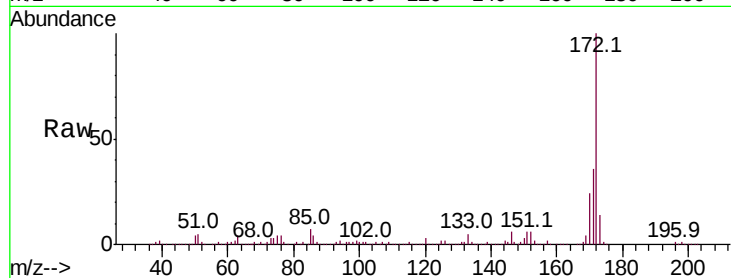
#45
2-Fluorobiphenyl
Concen: 87.021 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.3	20.5	30.7

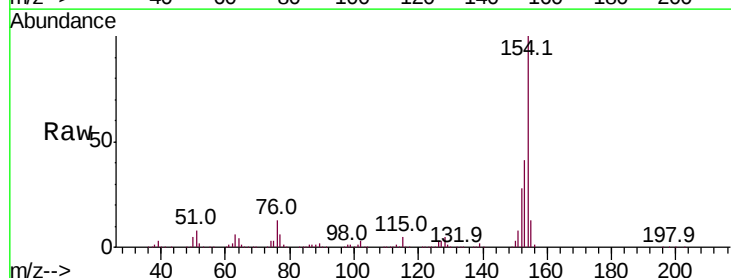
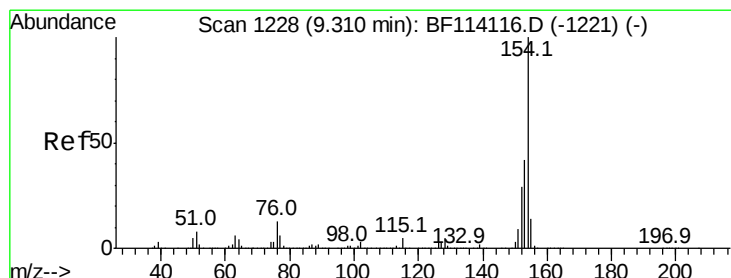
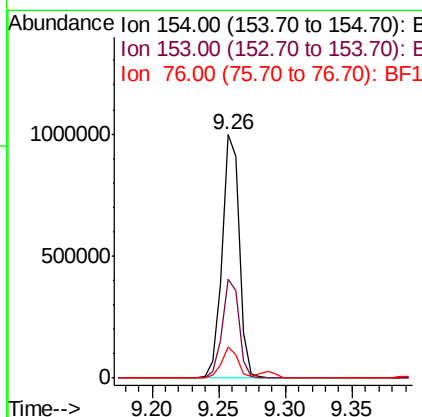
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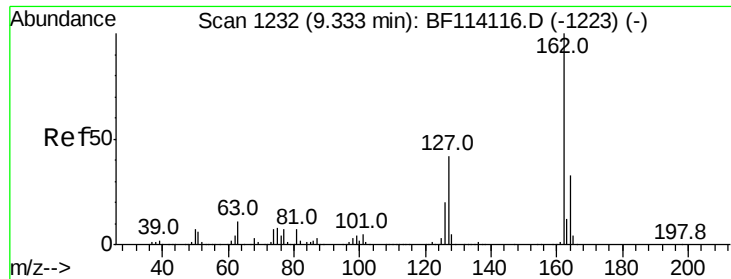
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#46
1,1'-Biphenyl
Concen: 45.257 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.9	61.9
76	12.9	0.0	32.8





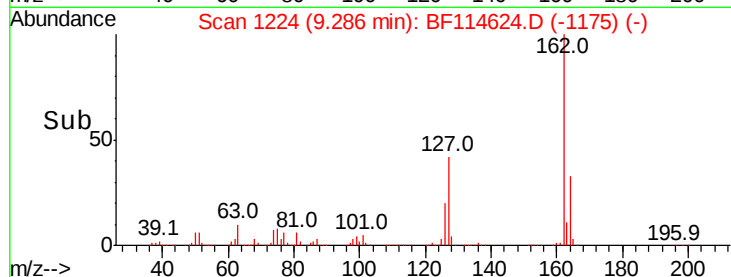
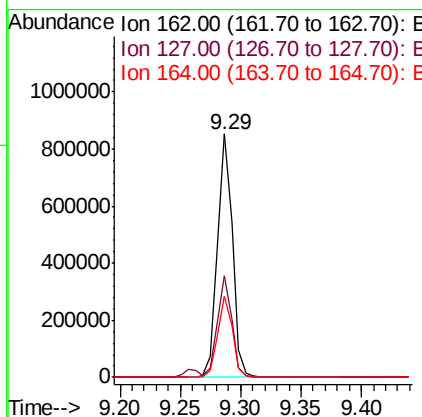
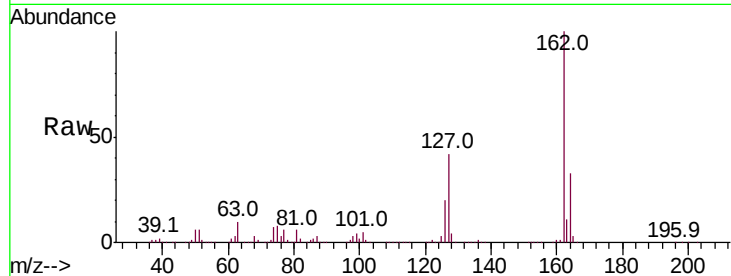
#47
2-Chloronaphthalene
Concen: 44.047 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	714141		
127	41.6	34.0	51.0	
164	33.4	26.7	40.1	

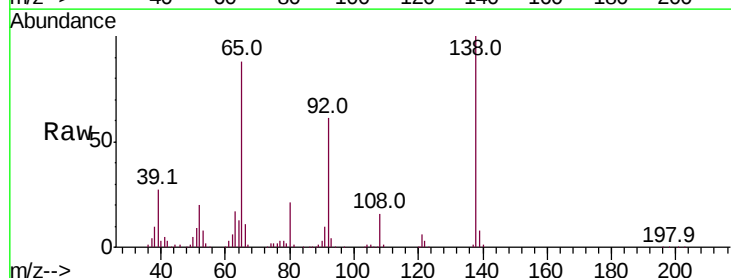
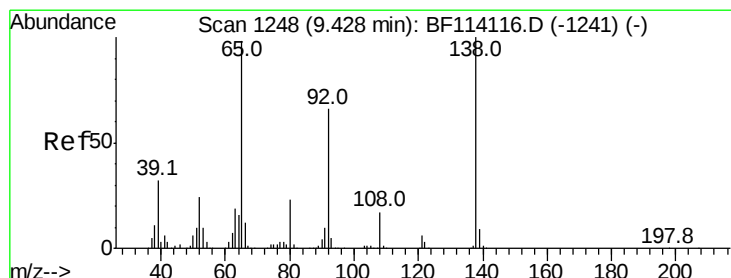
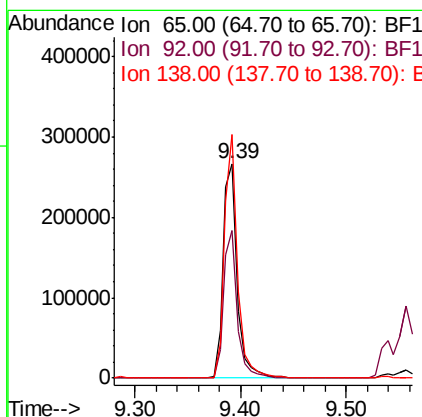
Manual Integrations
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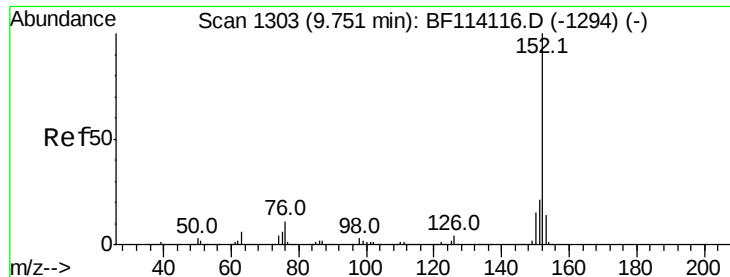
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#48
2-Nitroaniline
Concen: 43.649 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	250977		
92	69.2	53.9	80.9	
138	113.6	81.4	122.0	





#49

Acenaphthylene

Concen: 44.130 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1088191

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

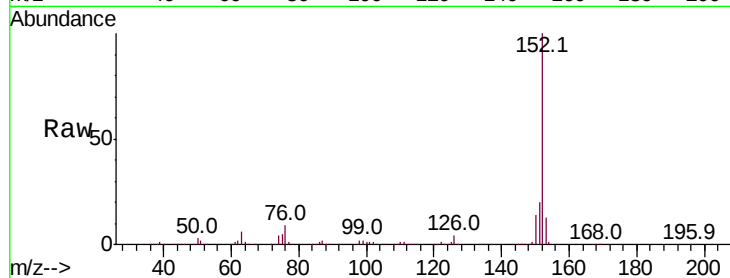
153 13.1 11.4 17.2

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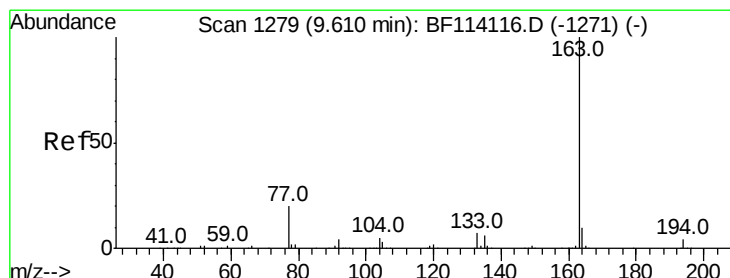
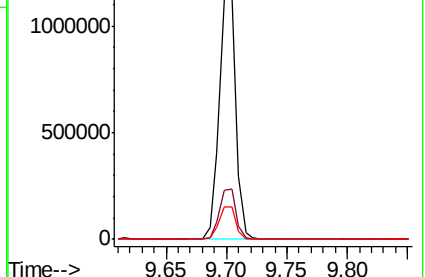
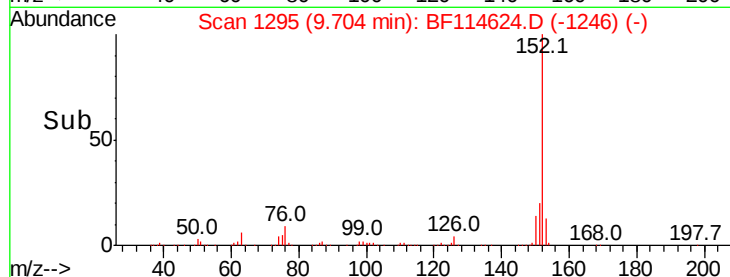
5/27/2019 3:50:32 AM



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: 42.775 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

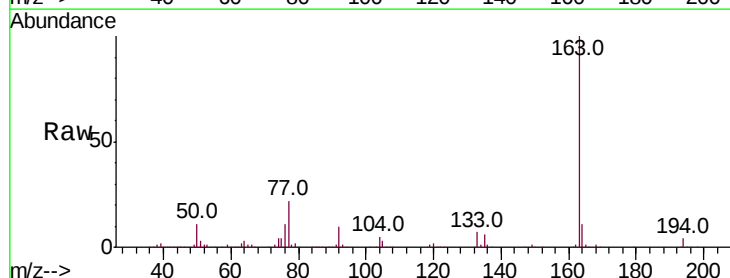
Tgt Ion:163 Resp: 783034

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

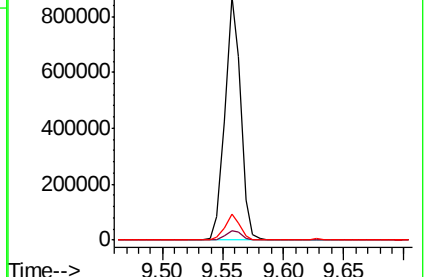
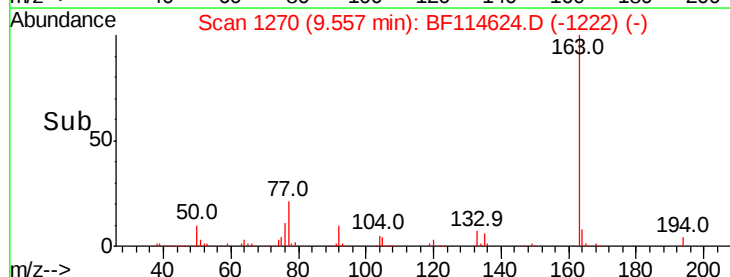
164 10.6 8.2 12.2

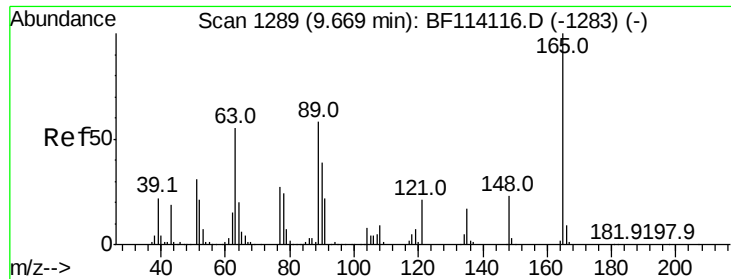


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.707 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

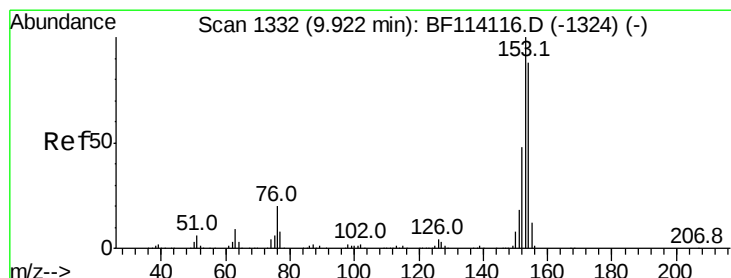
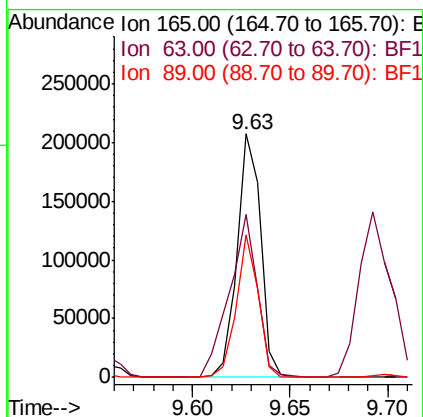
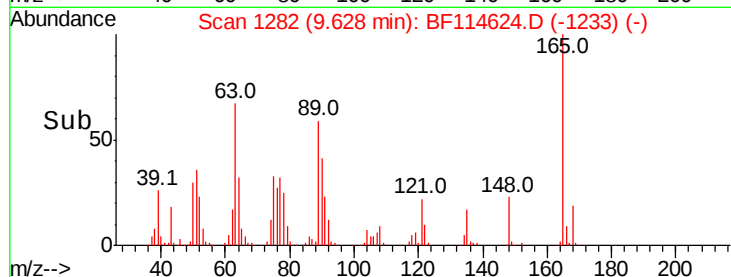
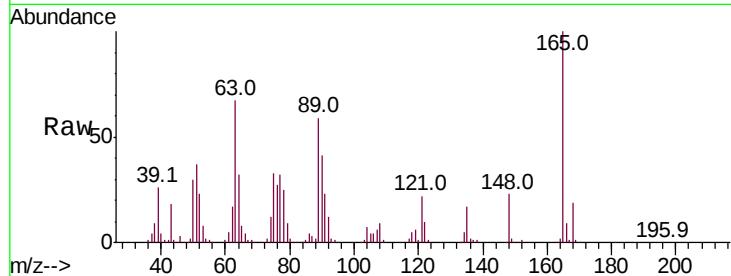
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	173401
Ion Ratio	Lower	Upper	
165	100		
63	67.1	50.2	75.4
89	58.8	46.6	69.8

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#52

Acenaphthene

Concen: 42.974 ng

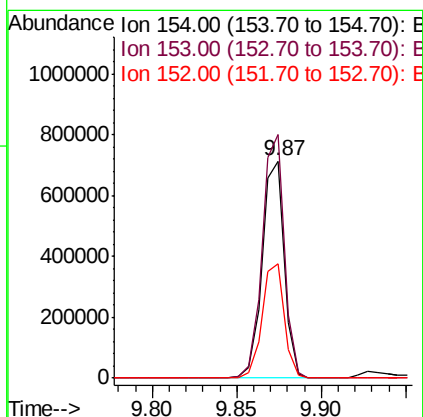
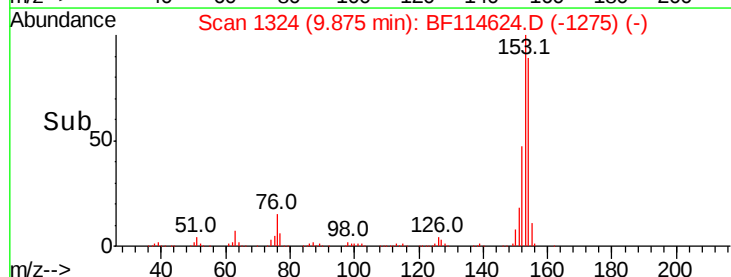
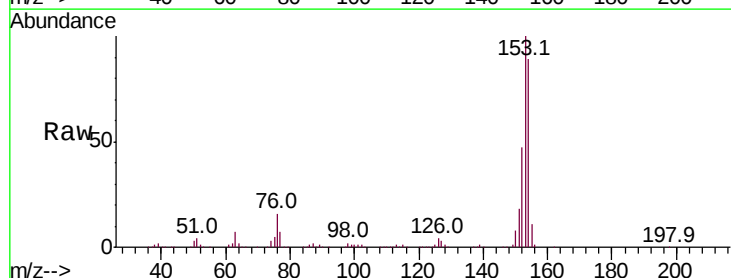
RT: 9.87 min Scan# 1324

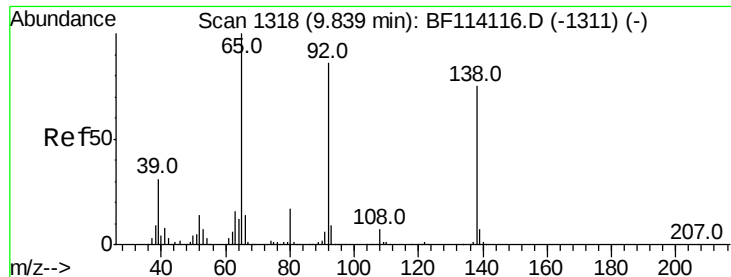
Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Tgt Ion:	154	Resp:	650275
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.5	135.7
152	53.0	43.4	65.2





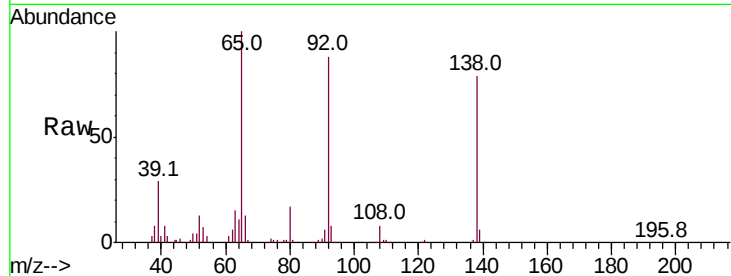
#53
3-Nitroaniline
Concen: 44.120 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	111.6	91.2	136.8

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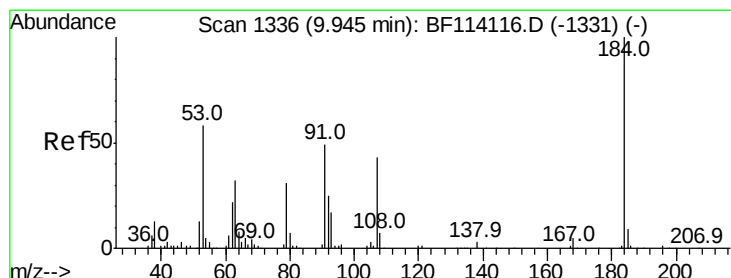
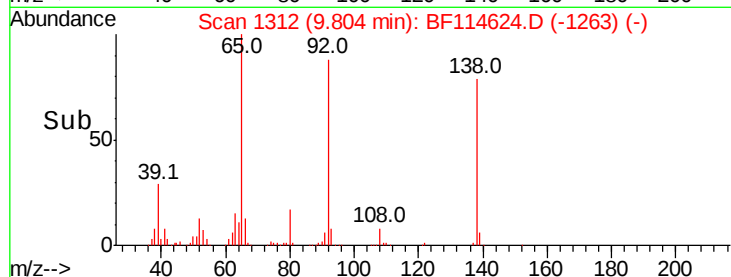
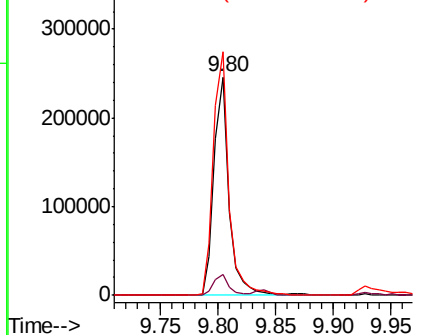


Abundance

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: 36.438 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

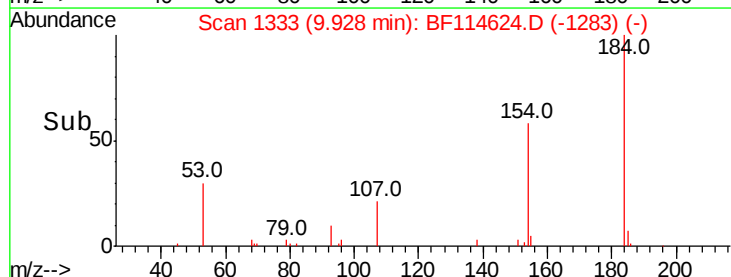
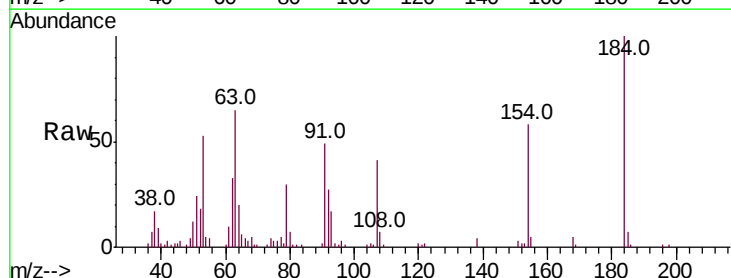
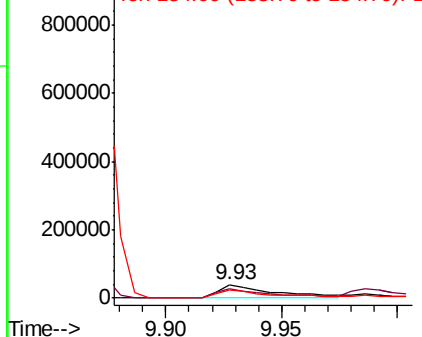
Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.7	55.6	83.4
154	57.8	46.0	69.0

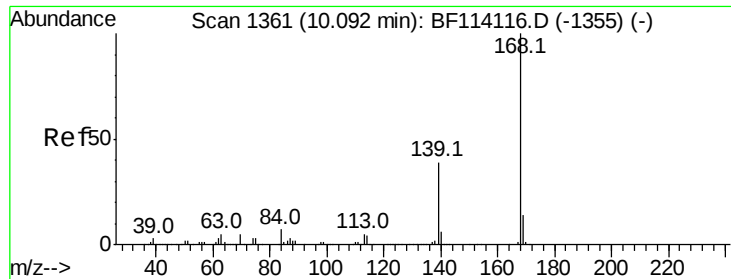
Abundance

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





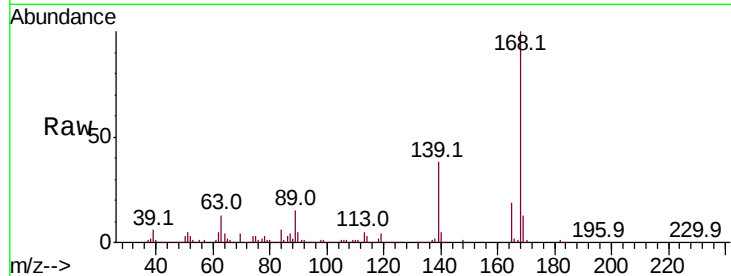
#55
Dibenzofuran
Concen: 41.318 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.1	46.7
169	13.4	11.4	17.0

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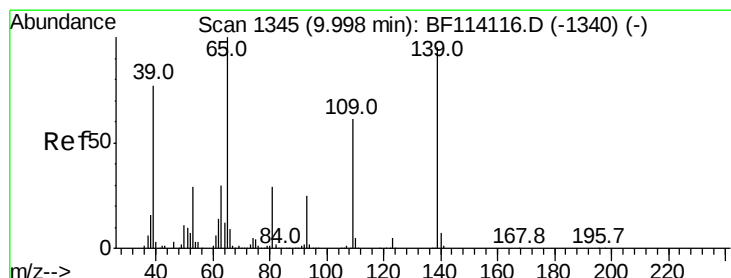
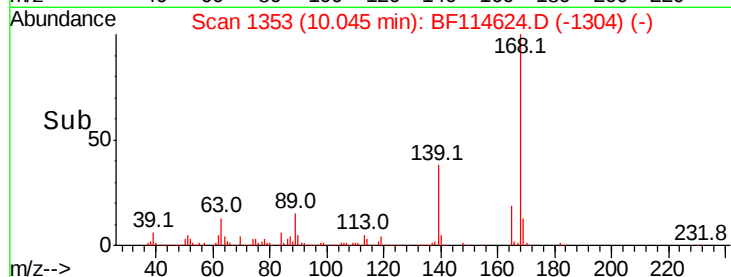
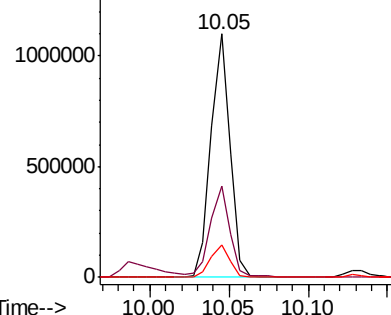


Abundance

Ion 168.00 (167.70 to 168.70): E

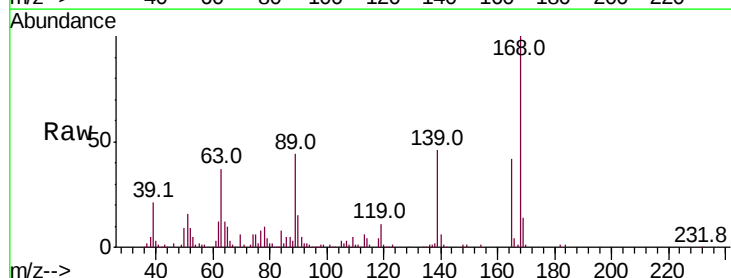
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 38.748 ng m
RT: 10.03 min Scan# 1351
Delta R.T. 0.04 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	11.4	43.9	83.9#
65	22.2	85.7	125.7#

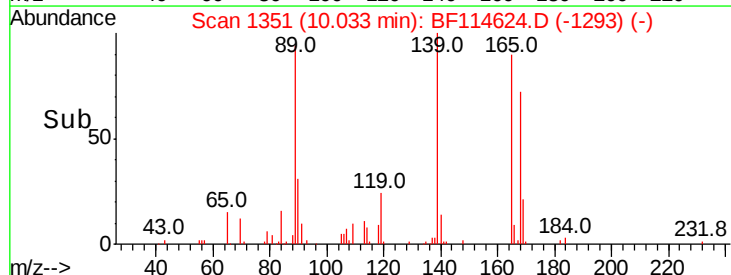
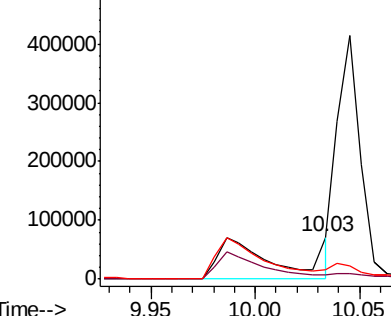


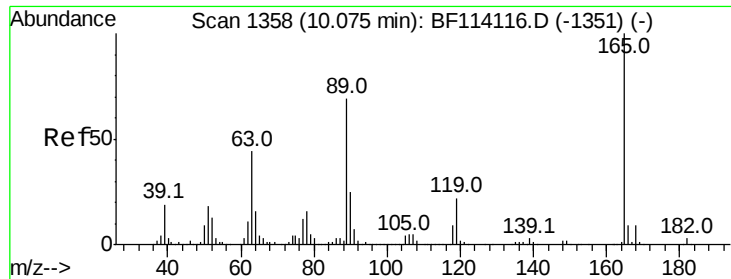
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





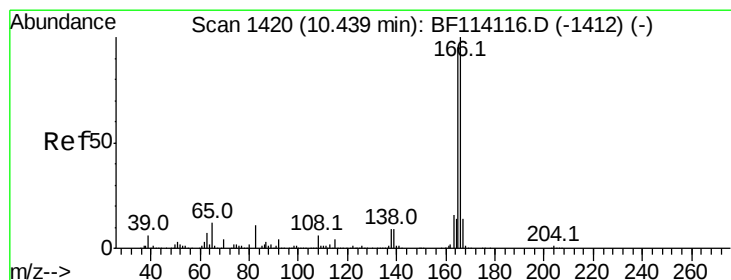
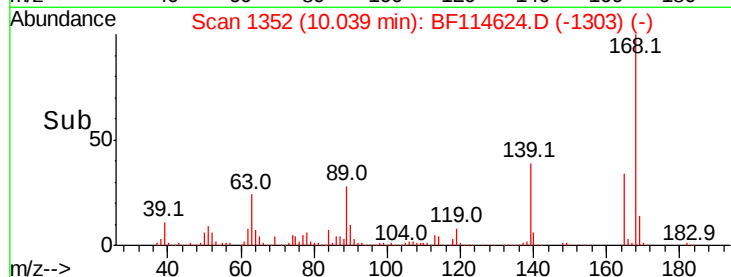
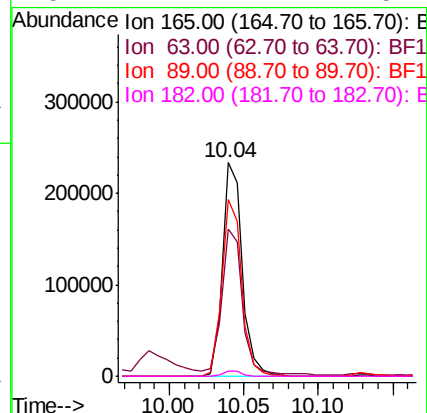
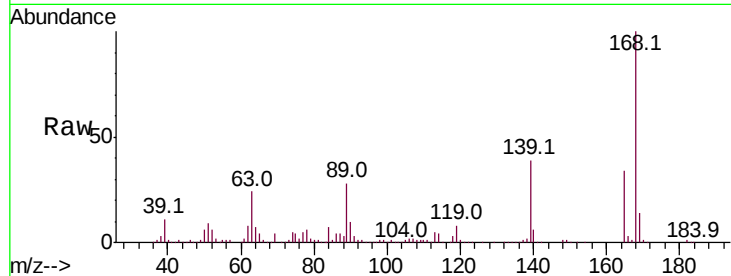
#57
2,4-Dinitrotoluene
Concen: 39.298 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	68.7	35.5	53.3#
89	82.8	55.2	82.8
182	2.7	2.2	3.2

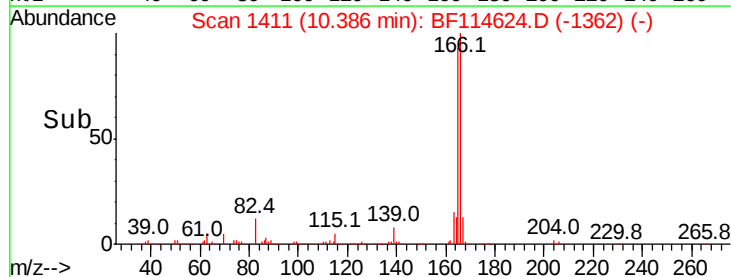
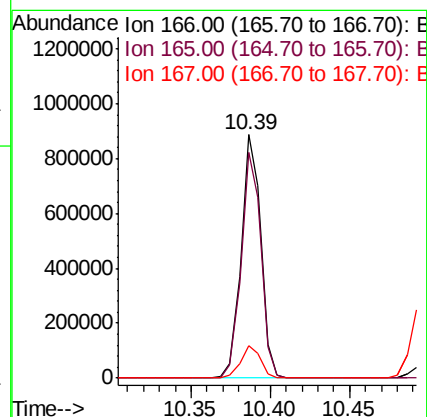
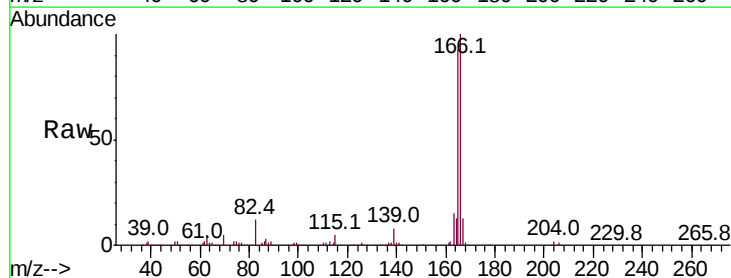
Manual Integrations
APPROVED

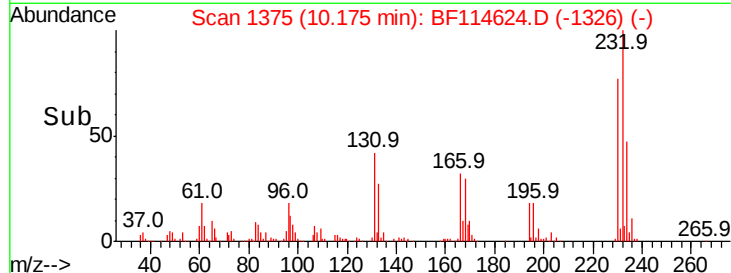
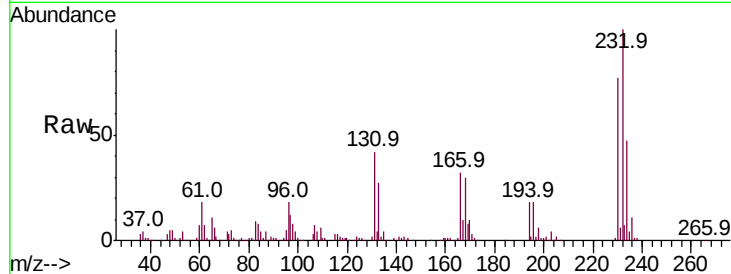
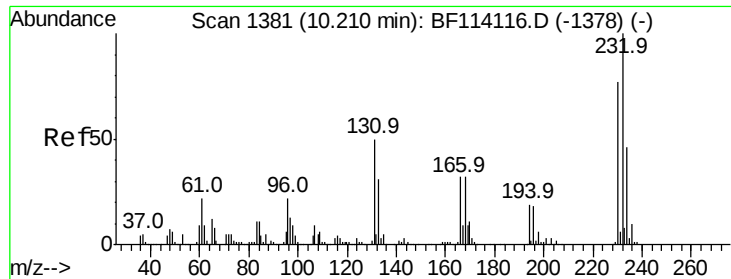
mohammad
5/27/2019 3:50:32 AM



#58
Fluorene
Concen: 44.545 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	92.7	76.1	114.1
167	13.5	11.1	16.7





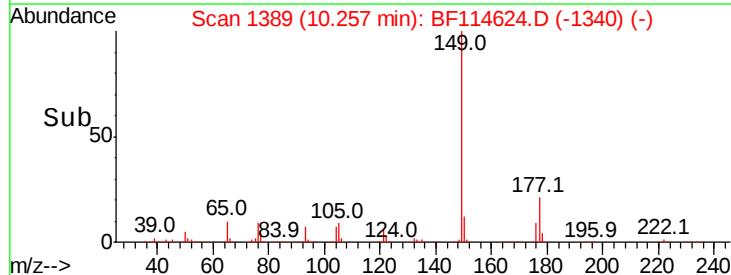
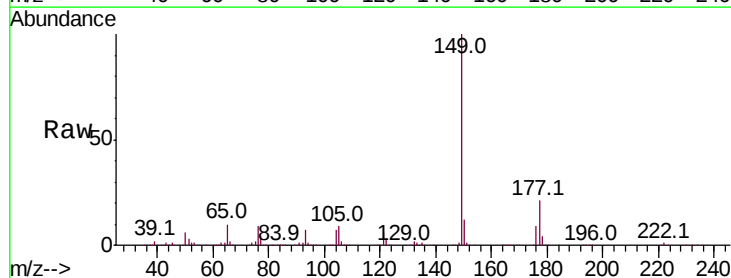
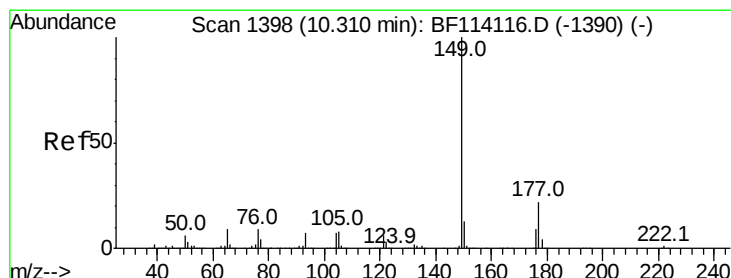
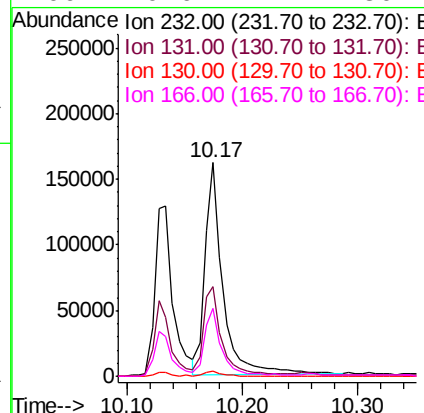
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.932 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	174400		
131	44.4	35.6	53.4	
130	2.2	1.6	2.4	
166	29.6	24.1	36.1	

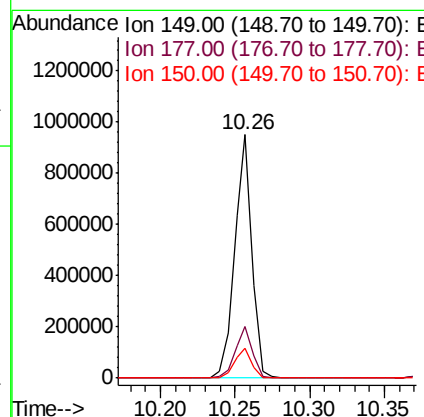
Manual Integrations
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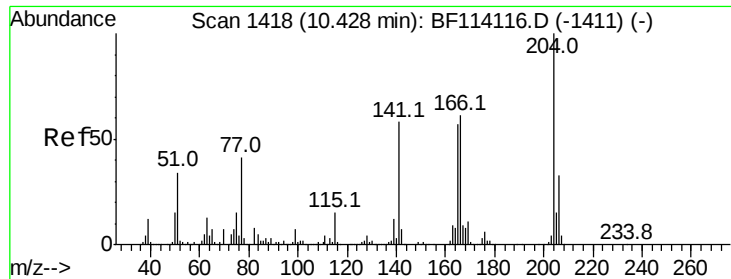
mohammad
5/27/2019 3:50:32 AM



#60
Diethylphthalate
Concen: 41.615 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	774050		
177	21.3	17.8	26.6	
150	12.3	10.2	15.2	





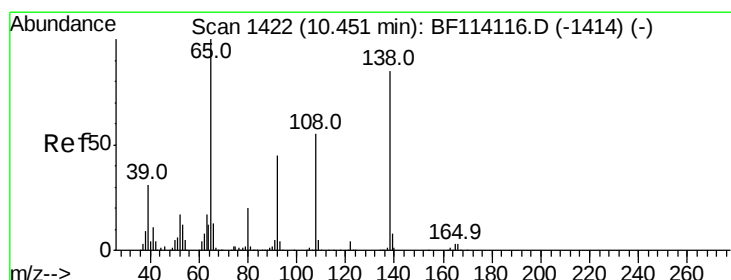
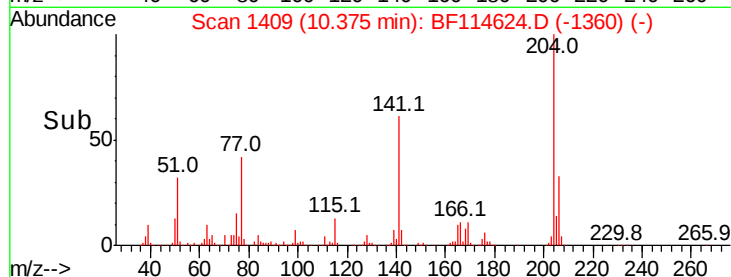
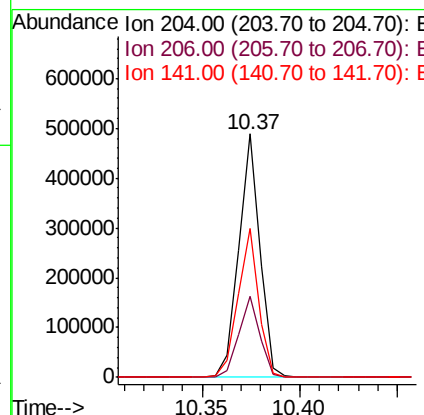
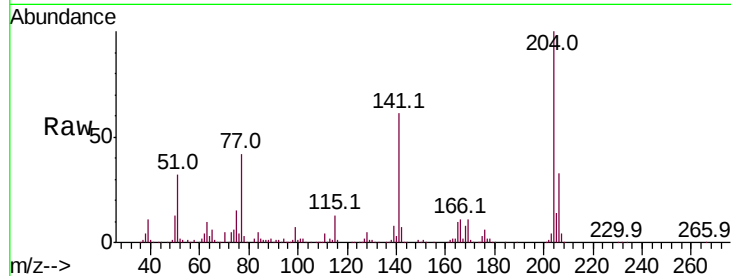
#61
4-Chlorophenyl-phenylether
Concen: 43.542 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	61.3	46.4	69.6

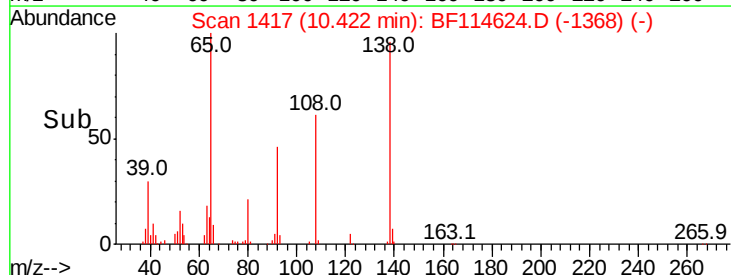
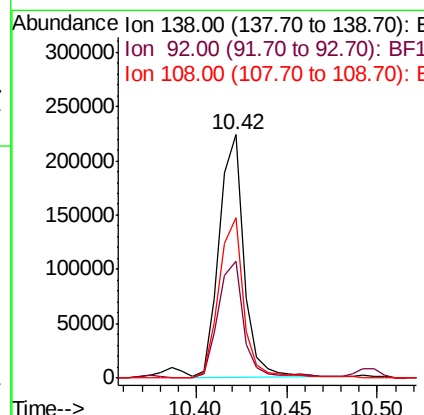
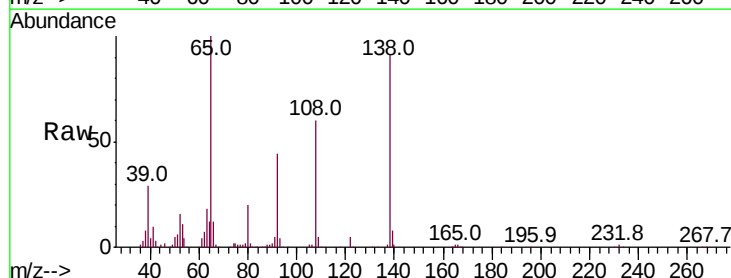
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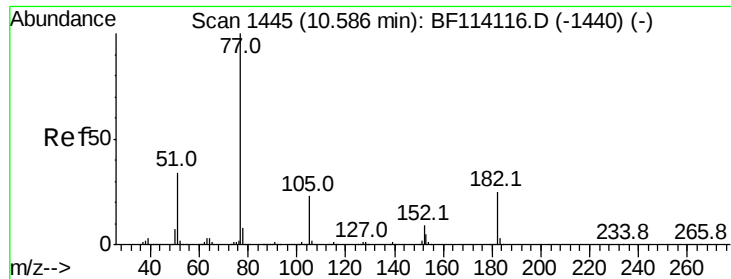
mohammad
5/27/2019 3:50:32 AM



#62
4-Nitroaniline
Concen: 40.086 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	33.0	73.0
108	65.8	44.9	84.9





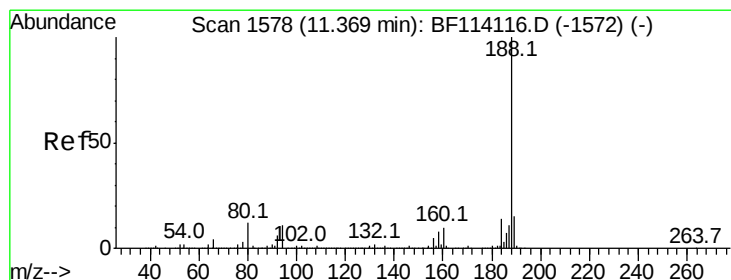
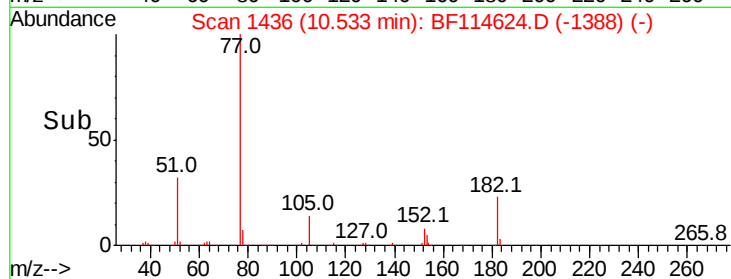
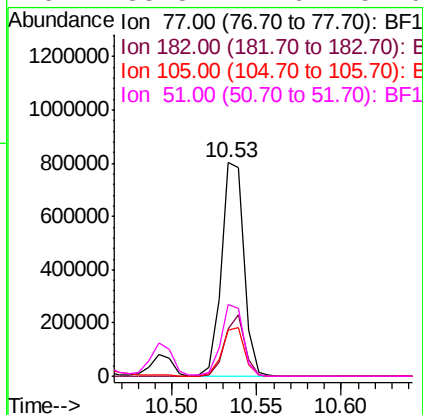
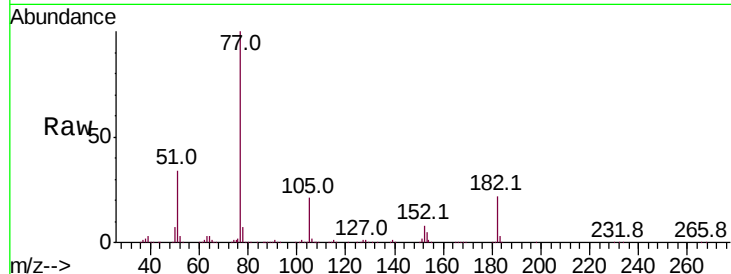
#63
Azobenzene
Concen: 41.249 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.1	4.7	44.7
105	21.4	2.9	42.9
51	33.8	14.6	54.6

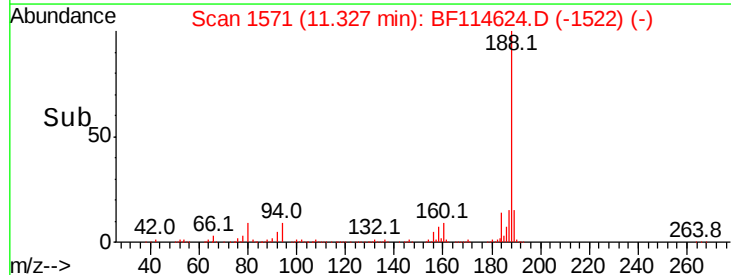
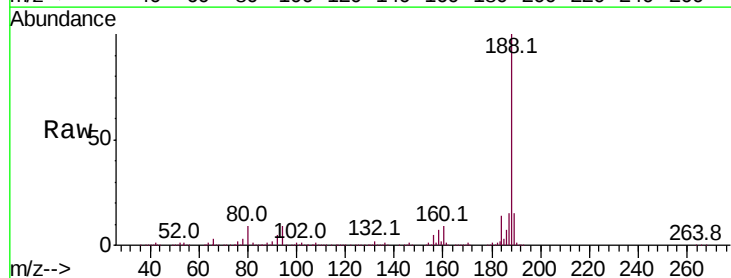
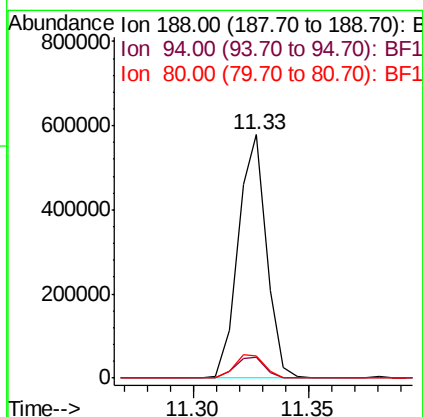
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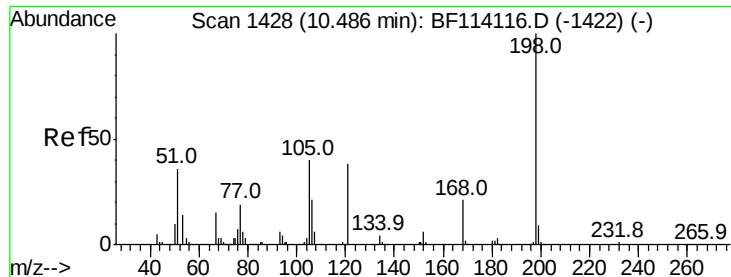
mohammad
5/27/2019 3:50:32 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

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





#65

4,6-Dinitro-2-methylphenol

Concen: 40.750 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 96647

Ion Ratio Lower Upper

198 100

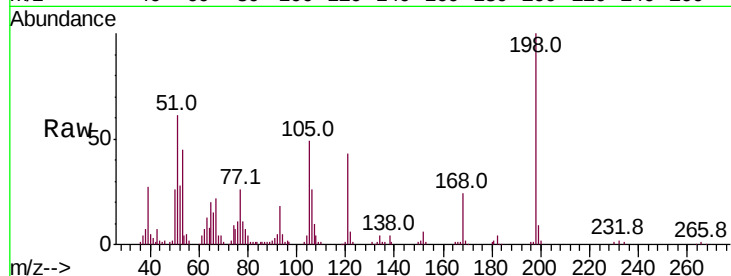
51 61.0 28.0 68.0

105 48.7 21.1 61.1

Manual Integrations
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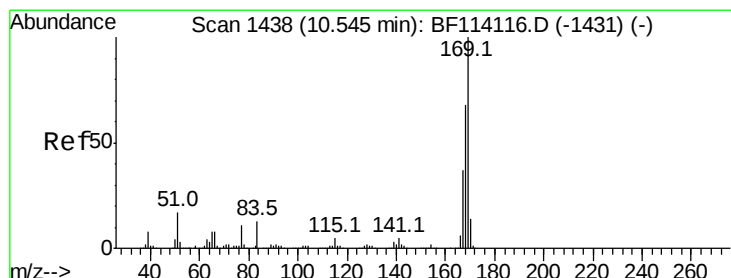
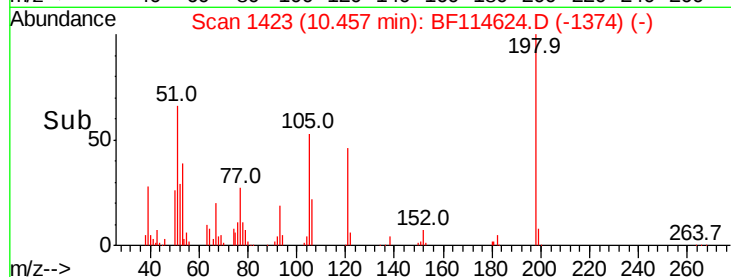
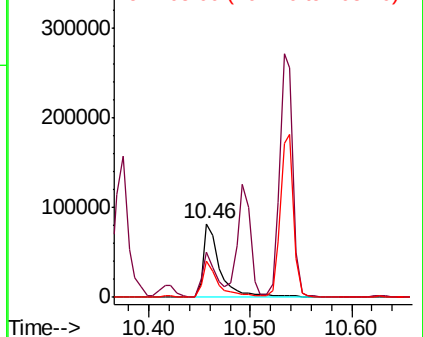
5/27/2019 3:50:32 AM



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: 43.941 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

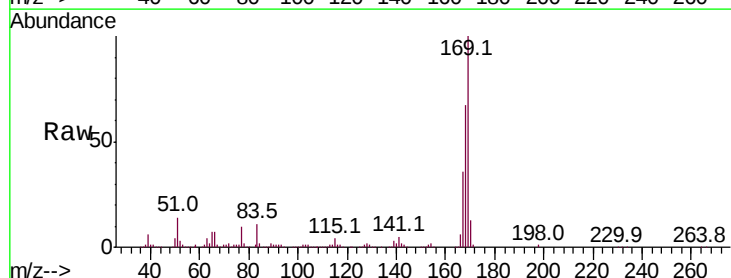
Tgt Ion:169 Resp: 658240

Ion Ratio Lower Upper

169 100

168 66.6 54.2 81.2

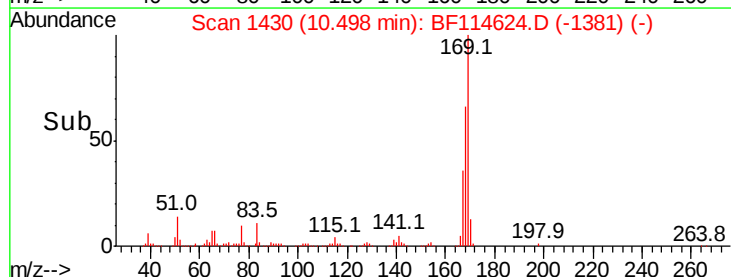
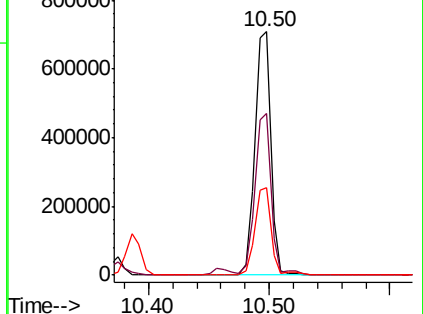
167 35.9 29.8 44.8

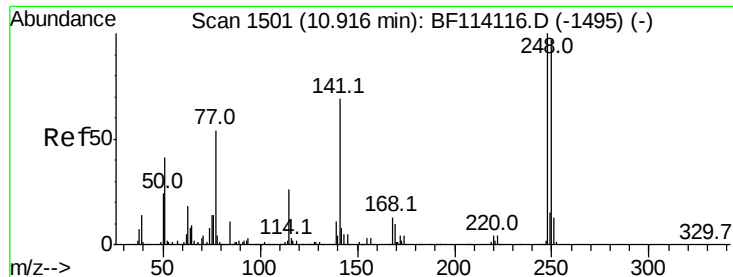


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





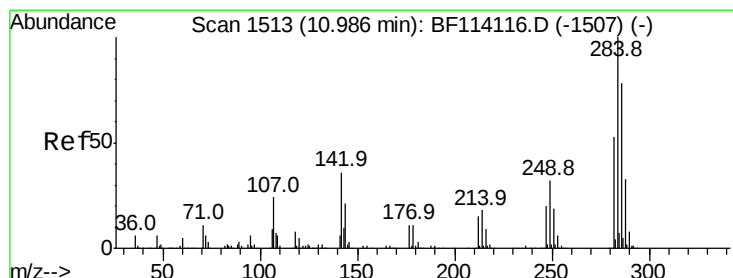
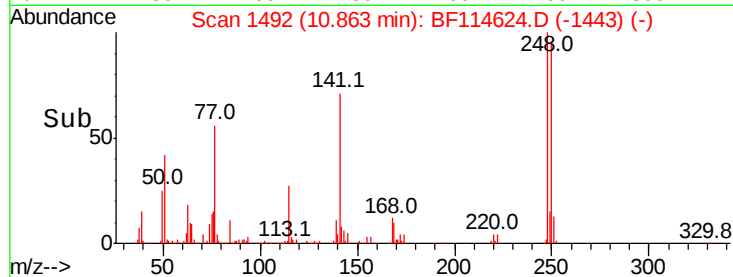
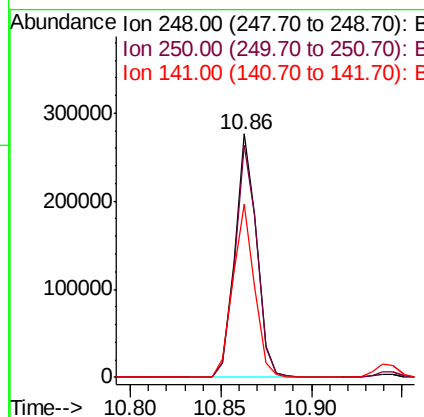
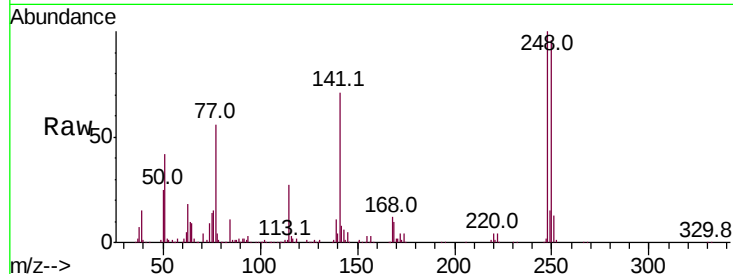
#67
4-Bromophenyl-phenylether
Concen: 42.382 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	248	Resp:	230328
Ion Ratio	Lower	Upper	
248	100		
250	95.6	77.4	116.2
141	71.2	55.6	83.4

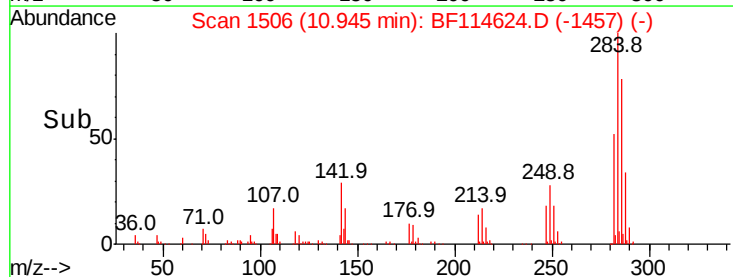
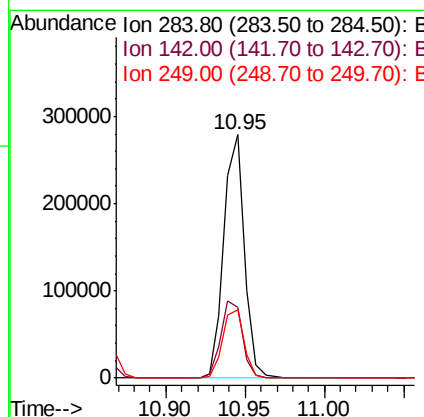
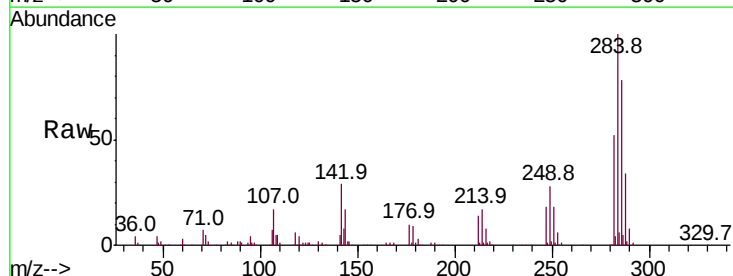
Manual Integrations
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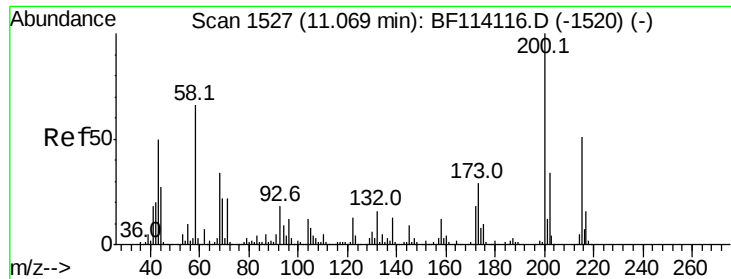
mohammad
5/27/2019 3:50:32 AM



#68
Hexachlorobenzene
Concen: 41.850 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion:	284	Resp:	251605
Ion Ratio	Lower	Upper	
284	100		
142	29.3	28.4	42.6
249	28.0	25.2	37.8





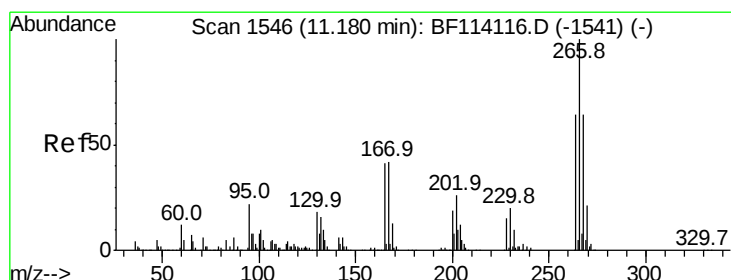
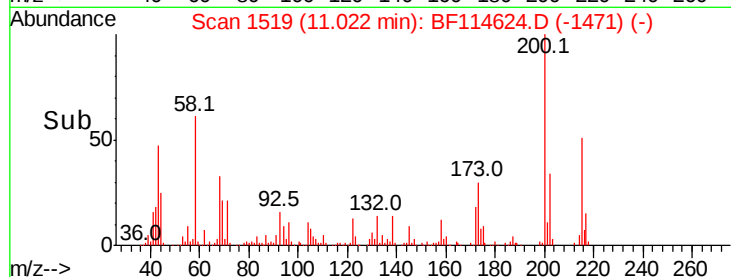
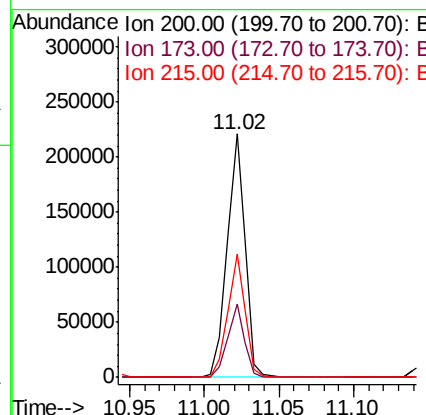
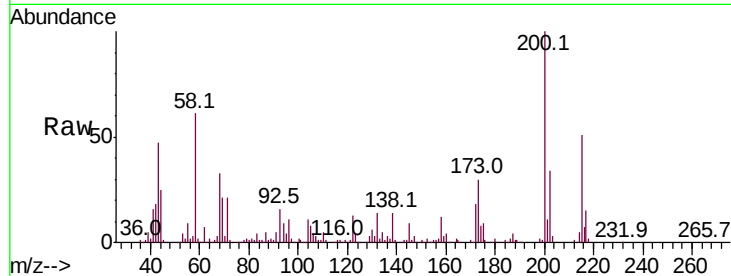
#69
Atrazine
Concen: 40.867 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	30.0	8.9	48.9
215	50.6	30.7	70.7

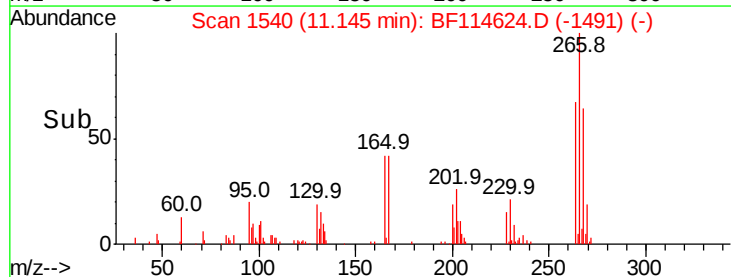
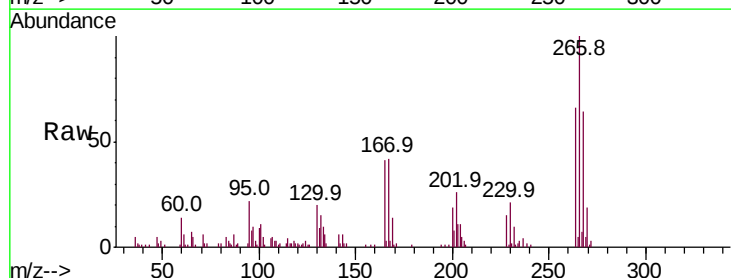
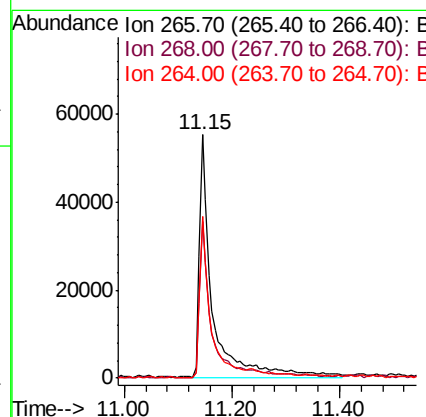
Manual Integrations
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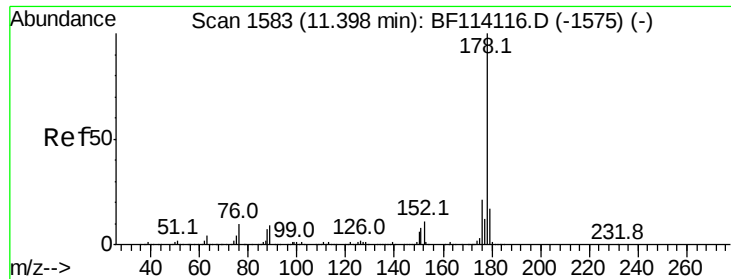
mohammad
5/27/2019 3:50:32 AM



#70
Pentachlorophenol
Concen: 33.699 ng m
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.5	51.1	76.7
264	66.2	51.1	76.7





#71

Phenanthrene

Concen: 44.488 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1068304

Ion Ratio Lower Upper

178 100

176 19.2 16.4 24.6

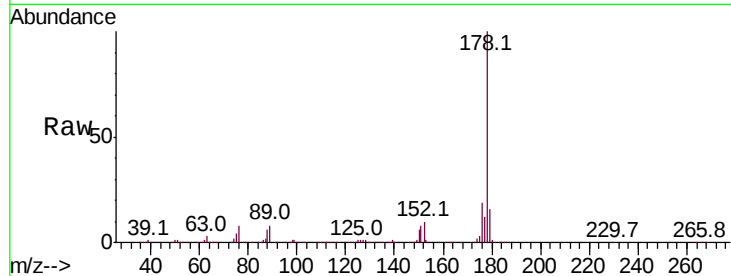
179 15.6 13.2 19.8

Manual Integrations

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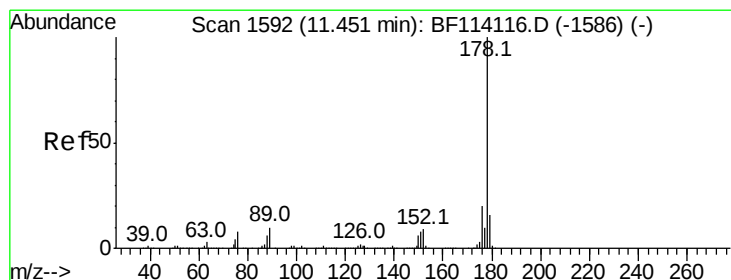
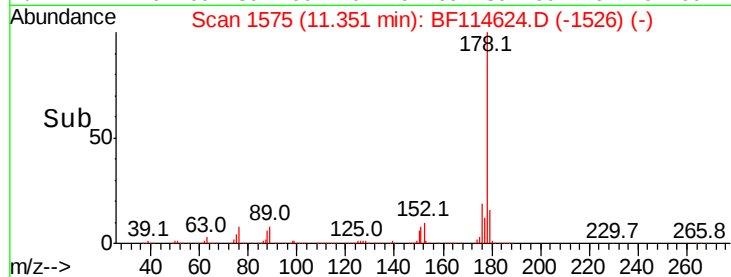
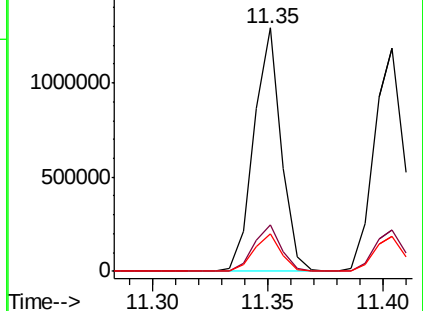
5/27/2019 3:50:32 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.967 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Tgt Ion:178 Resp: 1084566

Ion Ratio Lower Upper

178 100

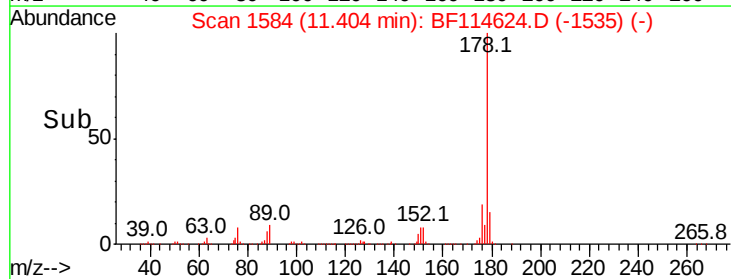
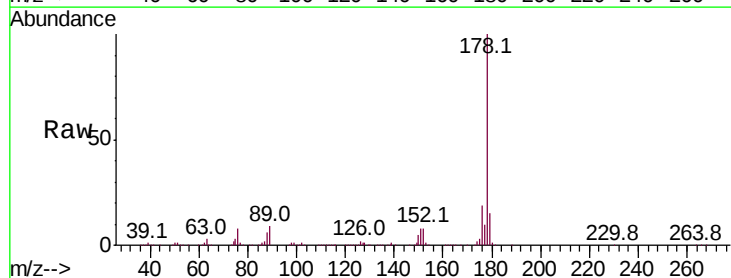
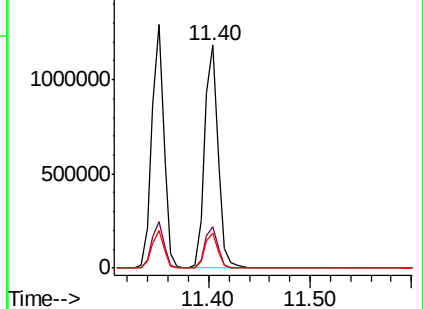
176 18.8 15.8 23.8

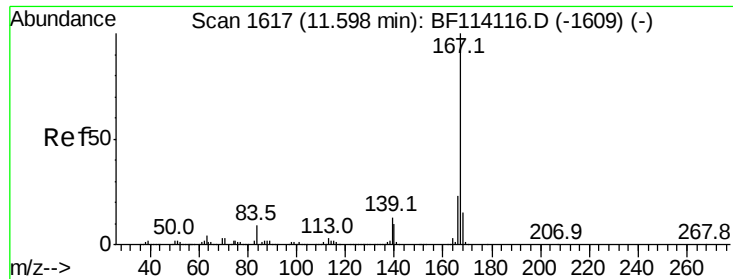
179 15.5 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





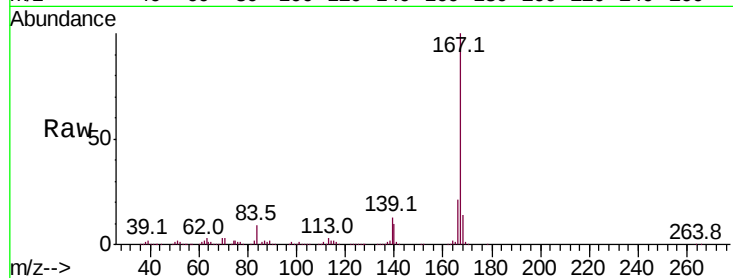
#73
 Carbazole
 Concen: 45.110 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

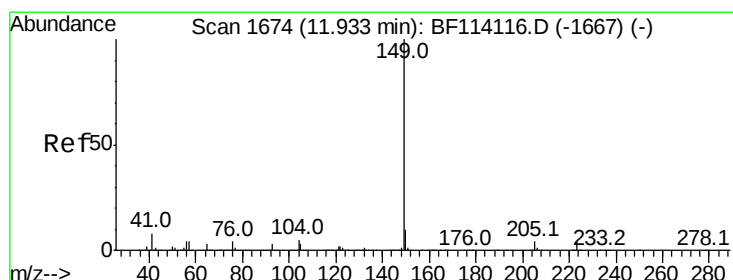
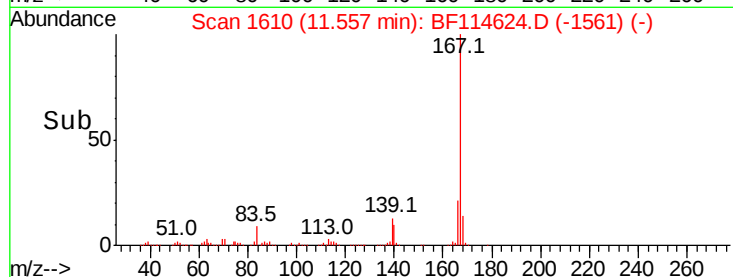
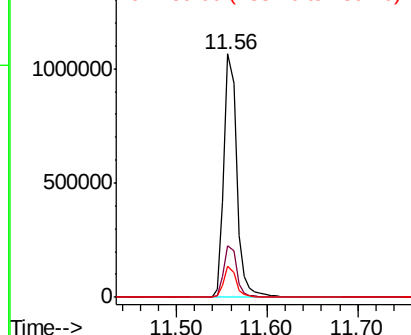
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.2	27.2
139	12.9	10.6	16.0

Manual Integrations
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mohammad
 5/27/2019 3:50:32 AM

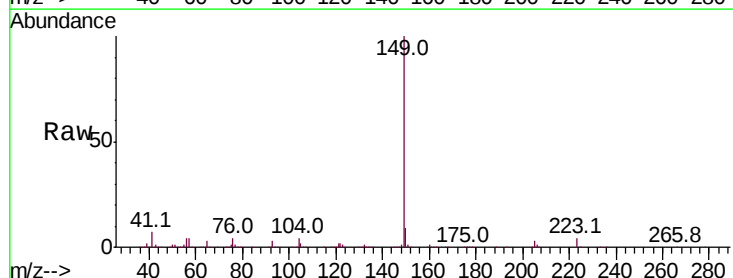


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

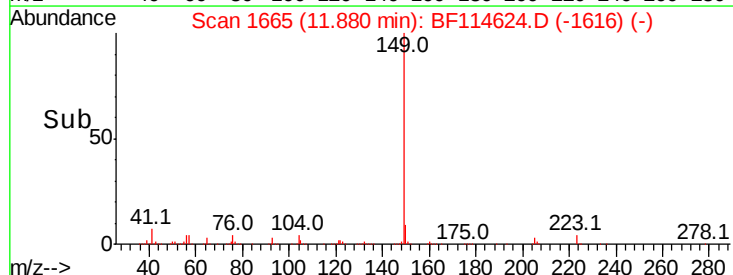
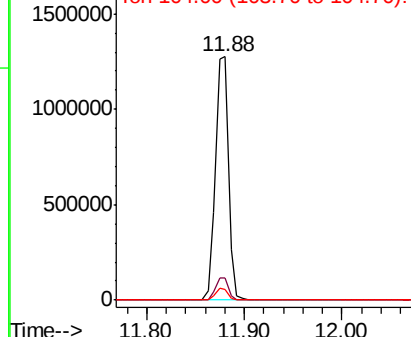


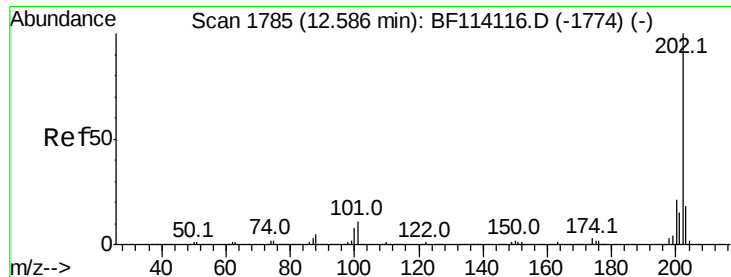
#74
 Di-n-butylphthalate
 Concen: 44.735 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.2	3.6	5.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





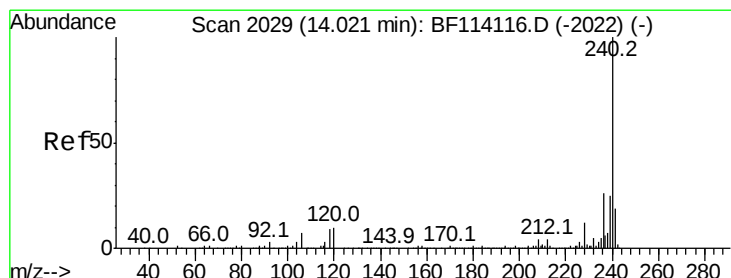
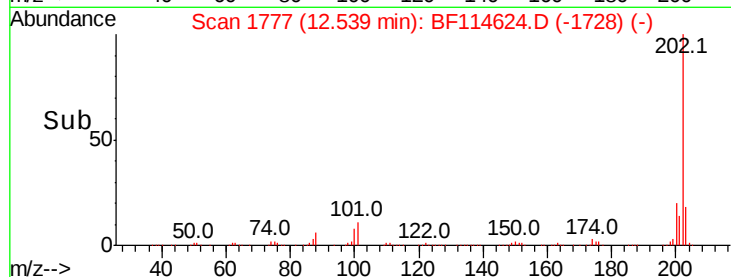
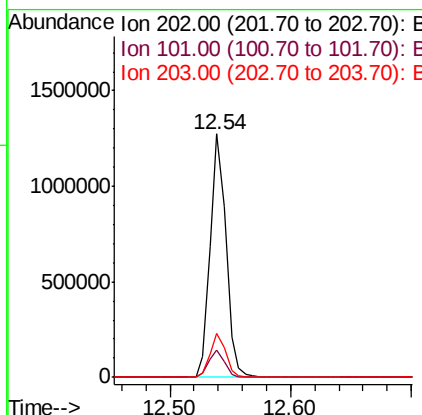
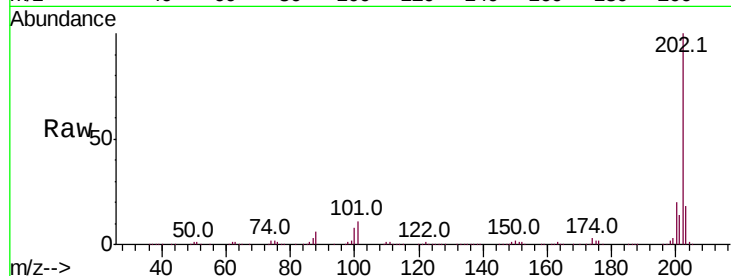
#75
 Fluoranthene
 Concen: 44.758 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.0
203	17.9	0.0	38.4

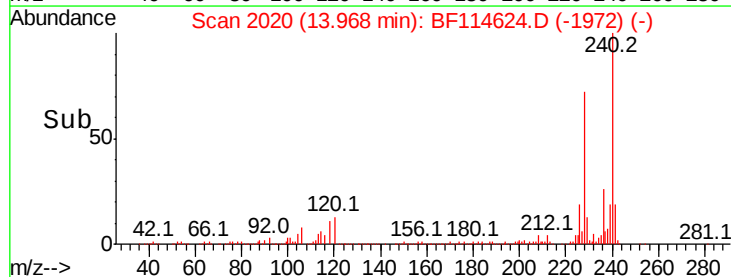
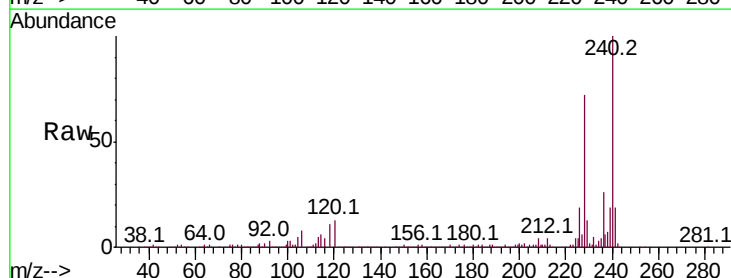
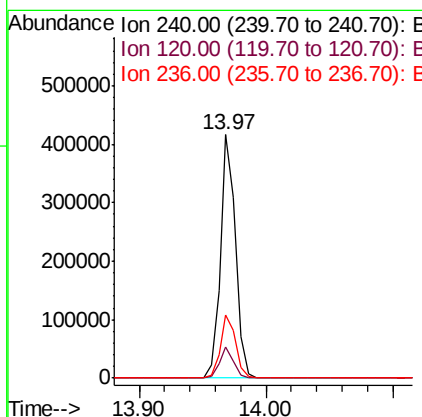
Manual Integrations
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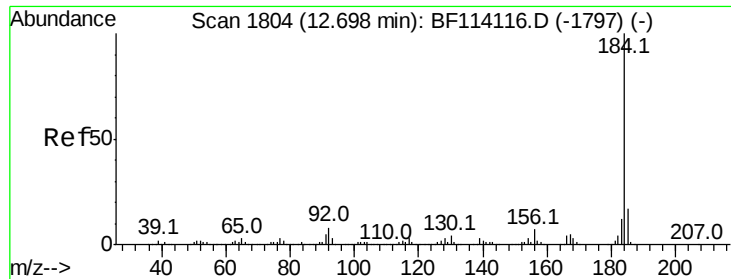
mohammad
 5/27/2019 3:50:32 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.3	12.5#
236	26.1	20.8	31.2





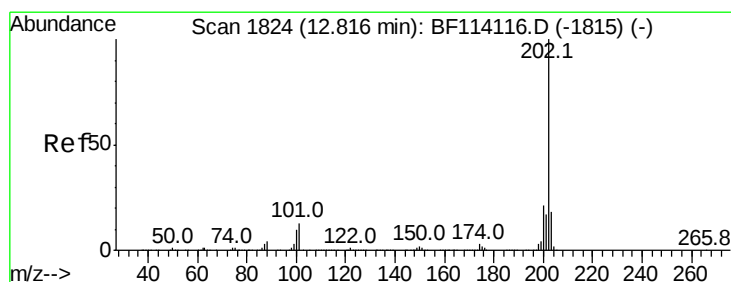
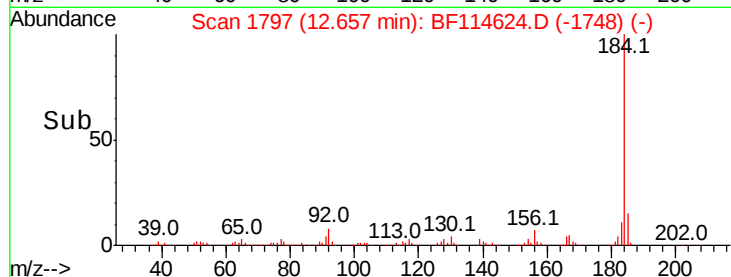
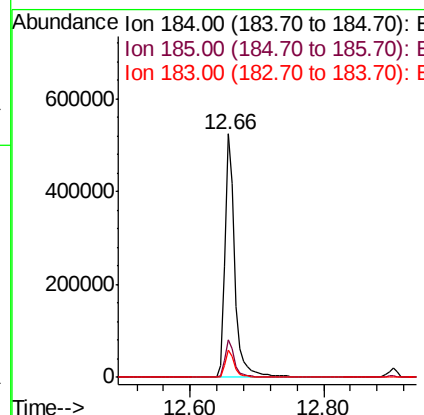
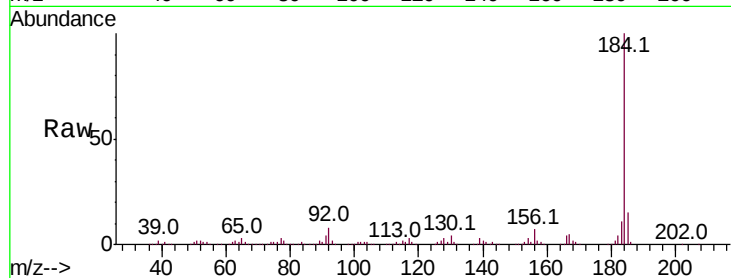
#77
Benzidine
Concen: 35.331 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.6	20.4
183	11.0	9.2	13.8

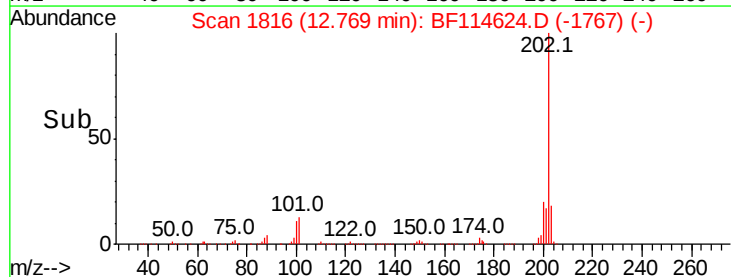
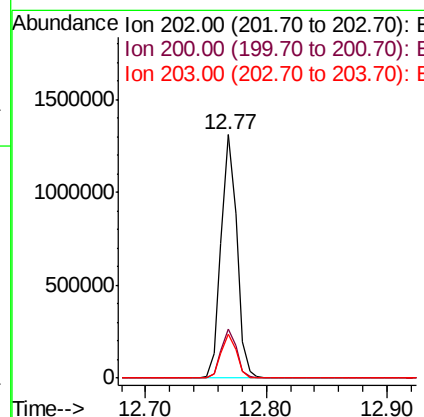
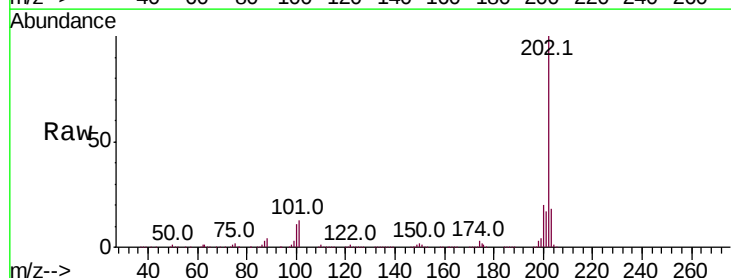
Manual Integrations
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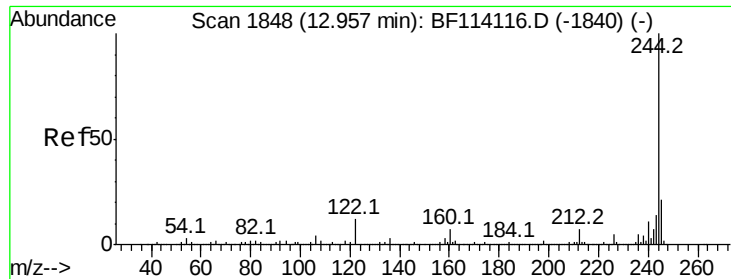
mohammad
5/27/2019 3:50:32 AM



#78
Pyrene
Concen: 41.965 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.9	25.3
203	18.0	14.5	21.7





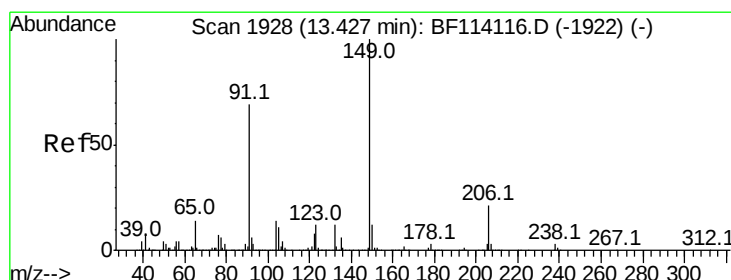
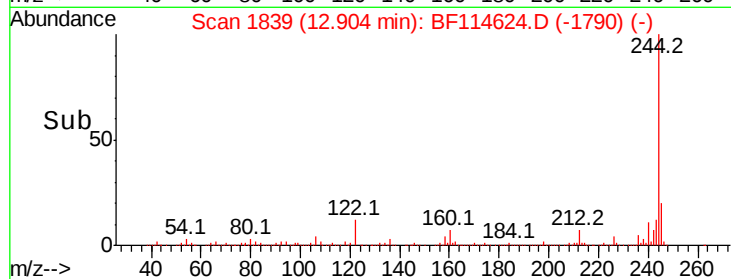
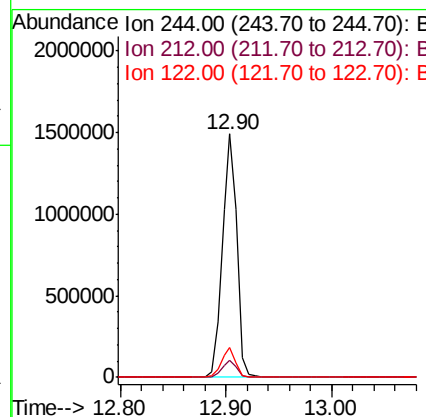
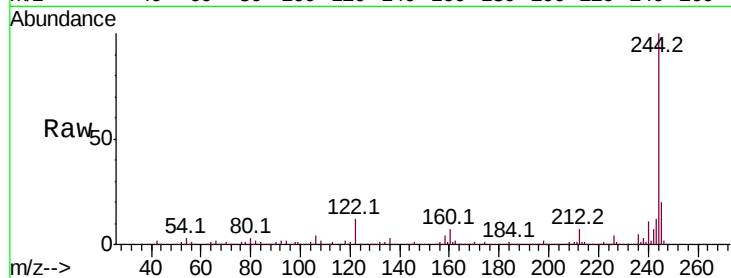
#79
 Terphenyl-d14
 Concen: 85.764 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	12.3	9.4	14.2

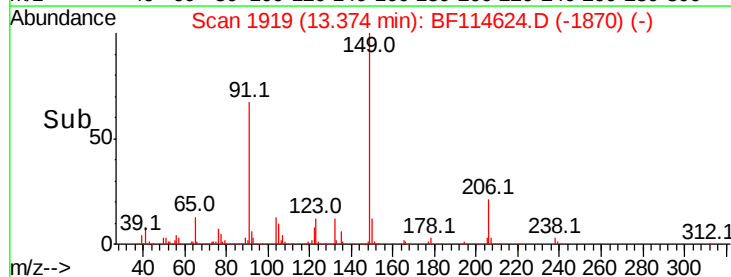
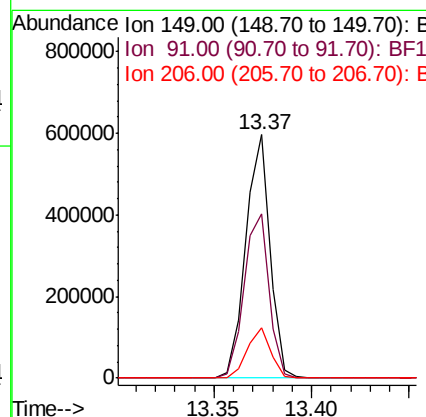
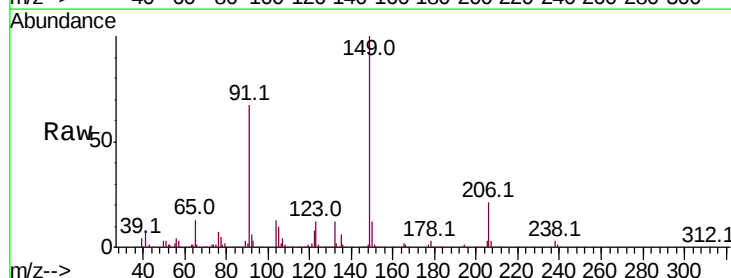
Manual Integrations
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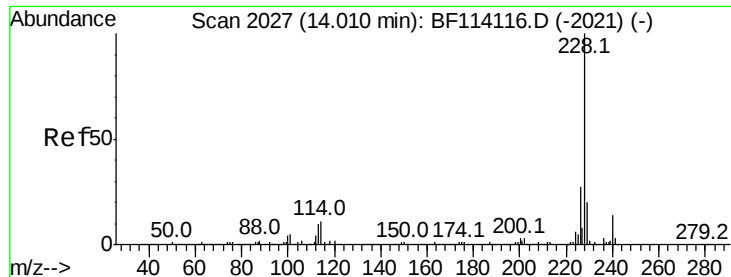
mohammad
 5/27/2019 3:50:32 AM



#80
 Butylbenzylphthalate
 Concen: 43.685 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.3	55.0	82.4
206	20.7	16.9	25.3





#81

Benzo(a)anthracene

Concen: 44.599 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1001031

Ion Ratio Lower Upper

228 100

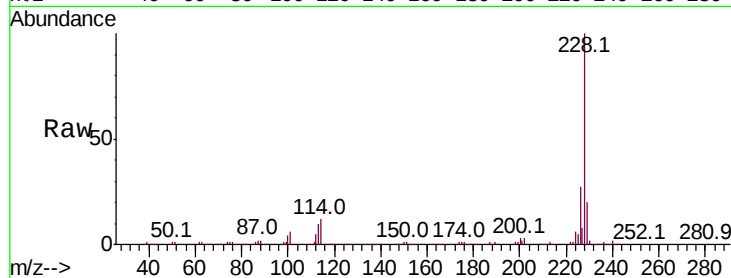
226 27.0 22.2 33.2

229 19.8 16.4 24.6

Manual Integrations
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mohammad

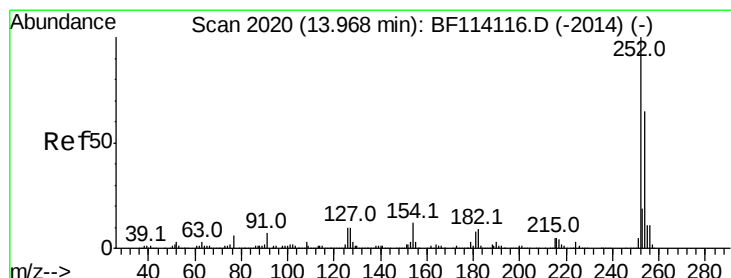
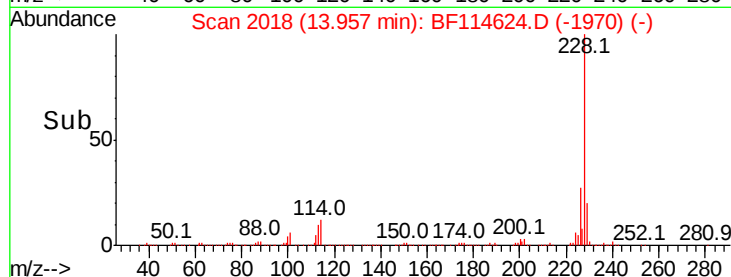
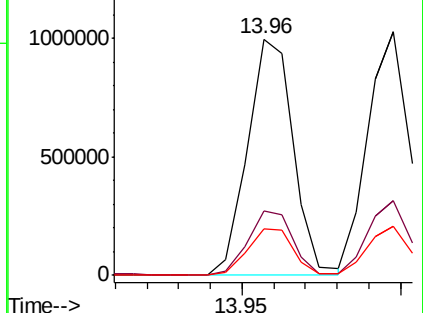
5/27/2019 3:50:32 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.141 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

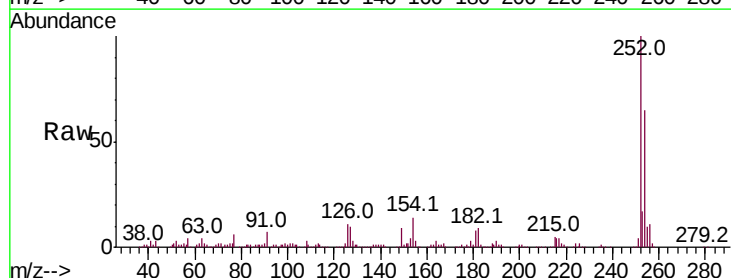
Tgt Ion:252 Resp: 393047

Ion Ratio Lower Upper

252 100

254 65.1 51.9 77.9

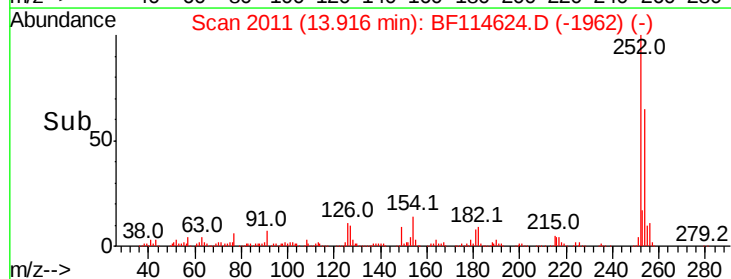
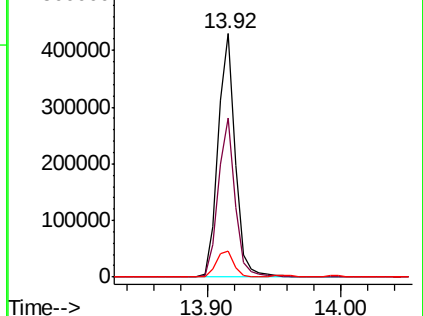
126 10.8 7.9 11.9

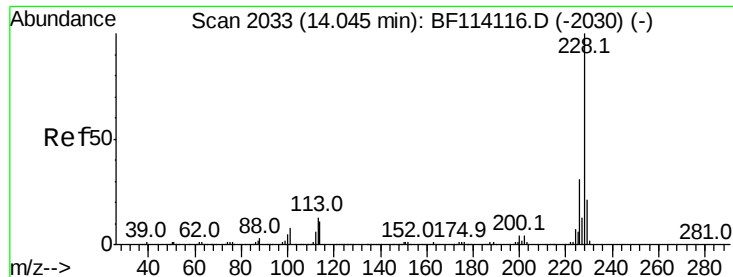


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





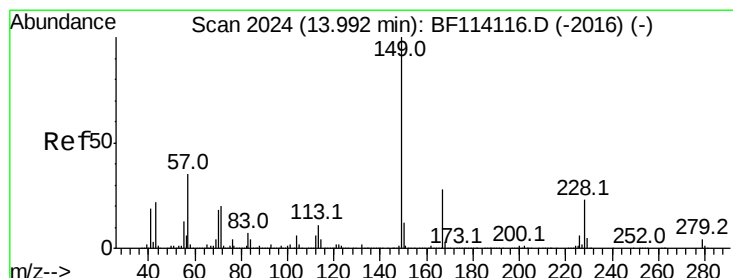
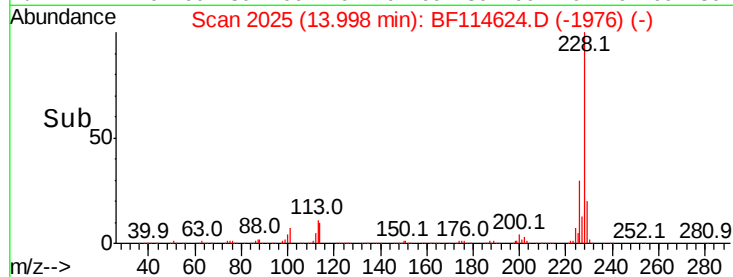
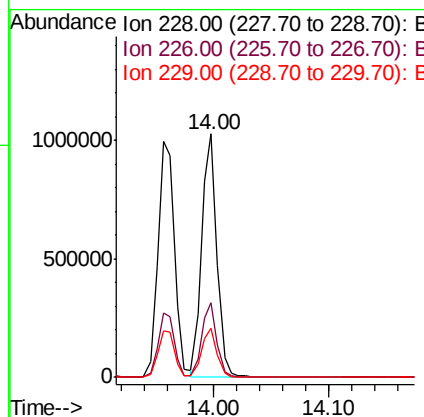
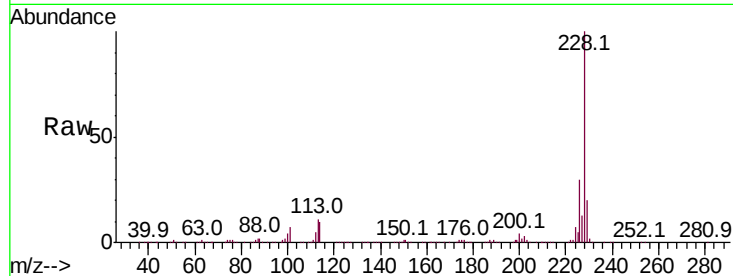
#83
 Chrysene
 Concen: 43.651 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
228	100	960432		
226	30.5	25.0	37.6	
229	20.2	17.0	25.6	

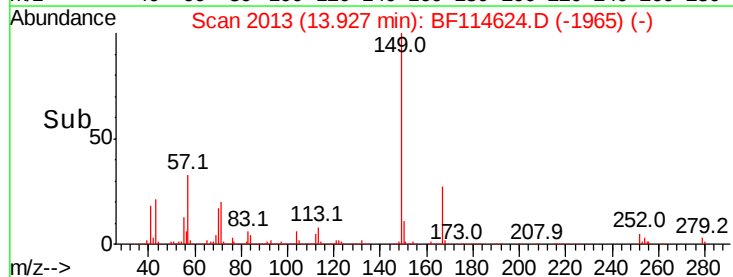
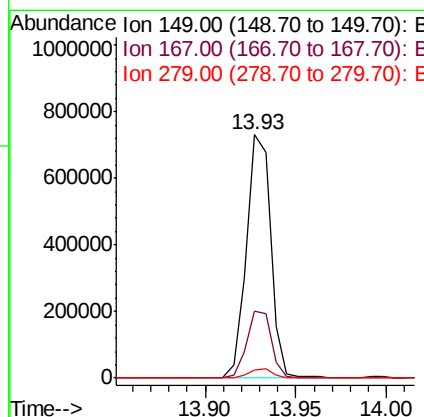
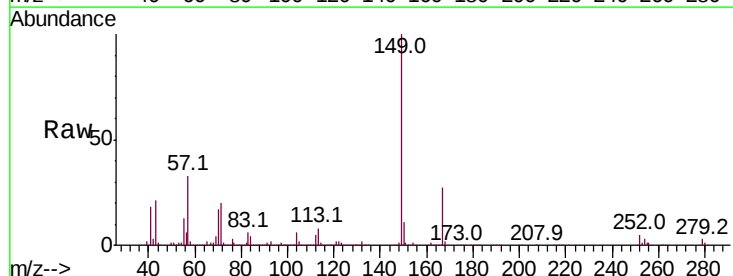
Manual Integrations
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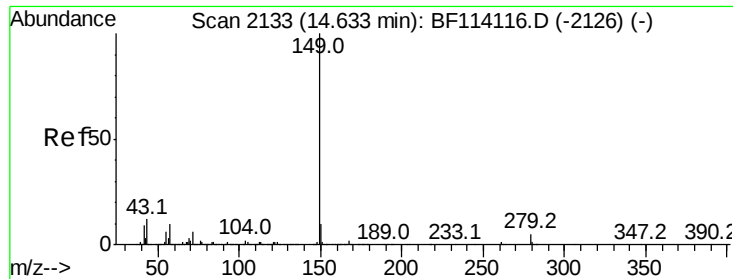
mohammad
 5/27/2019 3:50:32 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.382 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	682048		
167	27.4	22.6	33.8	
279	3.4	3.0	4.6	





#85

Di-n-octyl phthalate

Concen: 43.834 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1091986

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

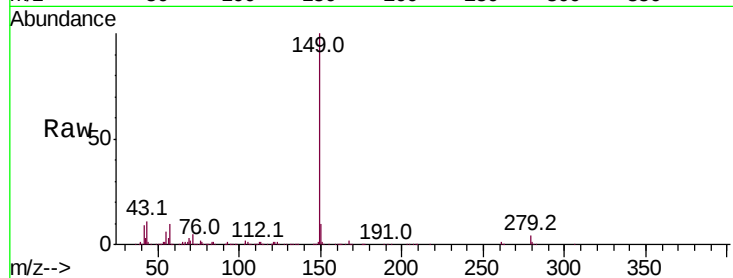
43 11.6 10.1 15.1

Manual Integrations

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mohammad

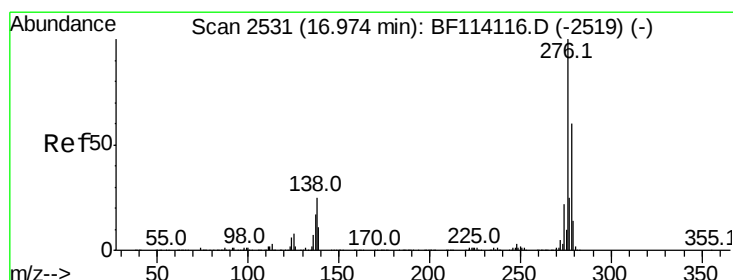
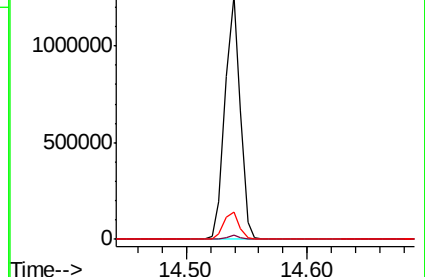
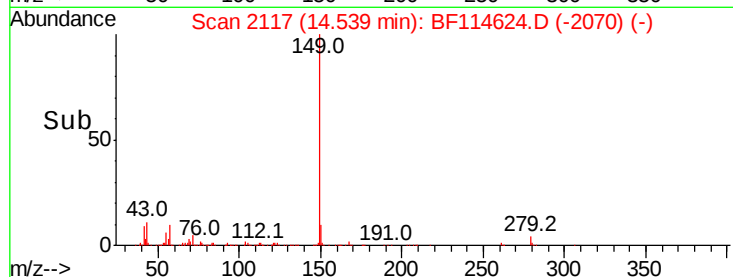
5/27/2019 3:50:32 AM



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: 46.317 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

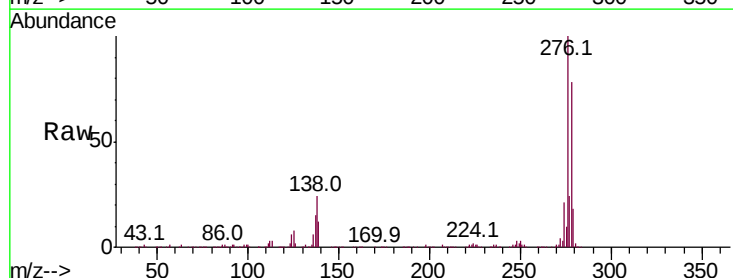
Tgt Ion:276 Resp: 900664

Ion Ratio Lower Upper

276 100

138 24.5 20.2 30.2

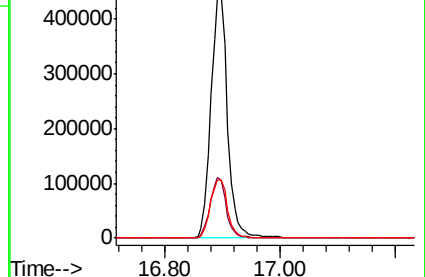
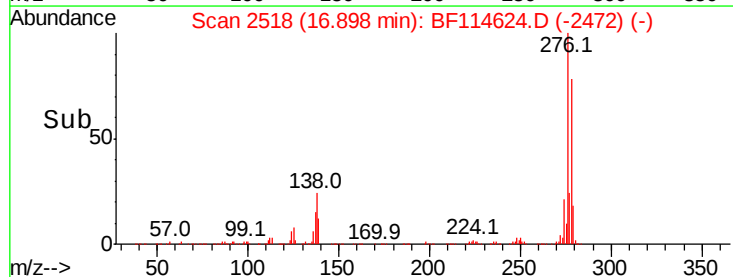
277 24.8 20.0 30.0

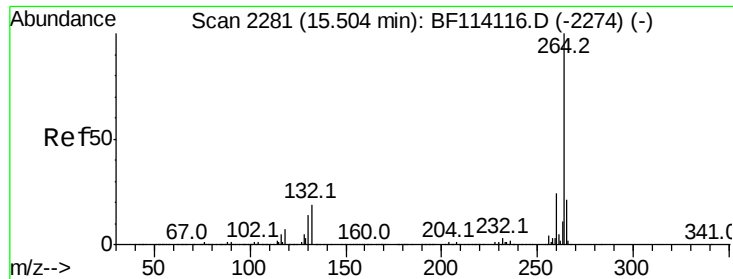


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





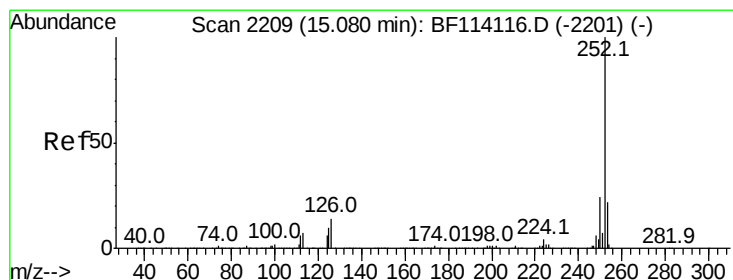
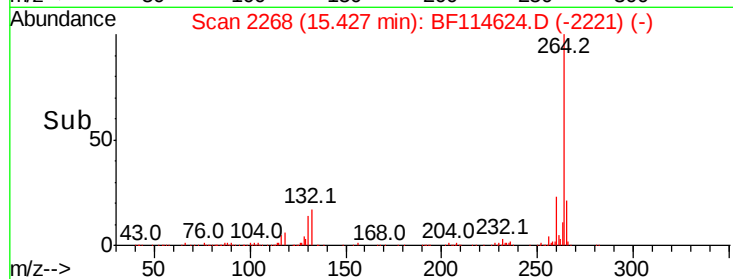
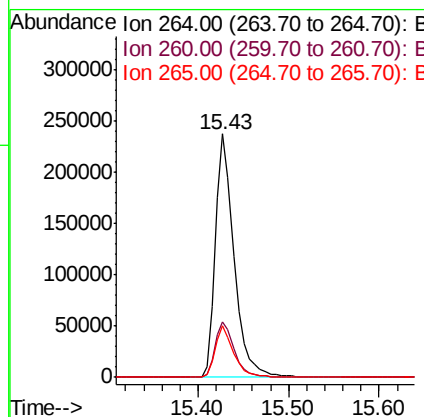
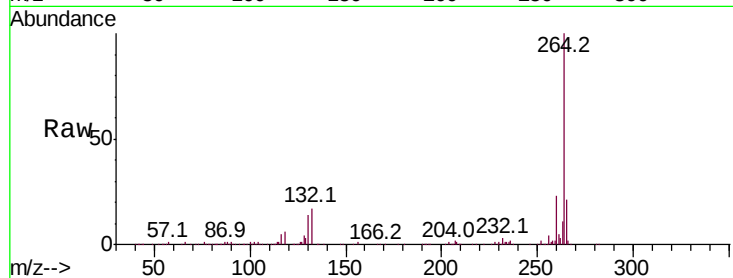
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.4	29.0
265	21.2	16.9	25.3

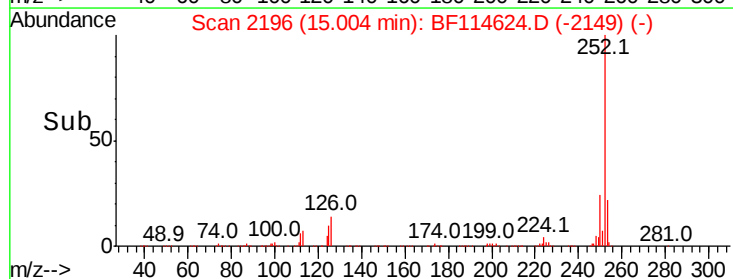
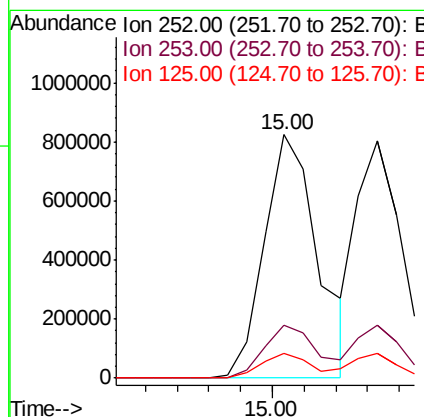
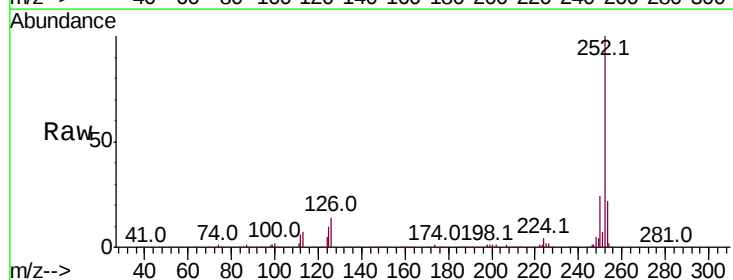
Manual Integrations
 APPROVED

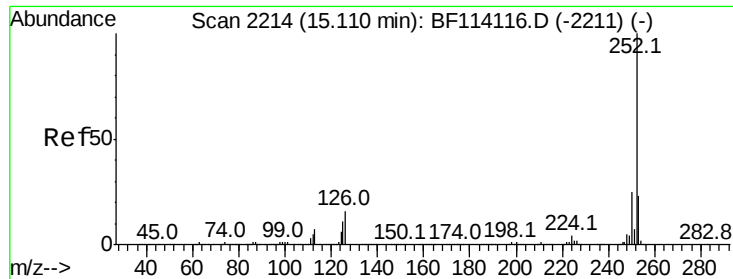
mohammad
 5/27/2019 3:50:32 AM



#88
 Benzo(b)fluoranthene
 Concen: 44.640 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.3	8.3	12.5





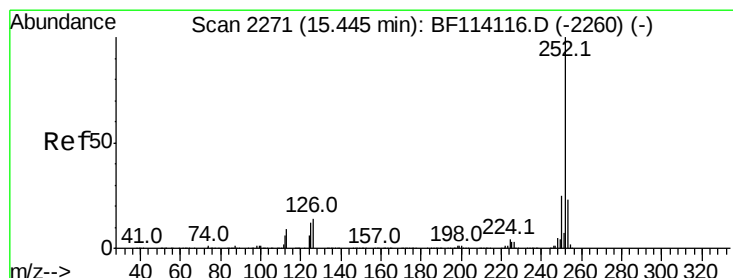
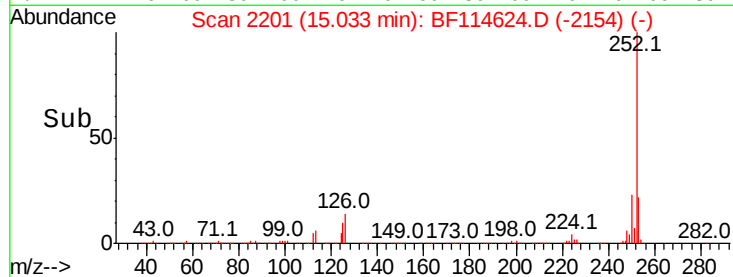
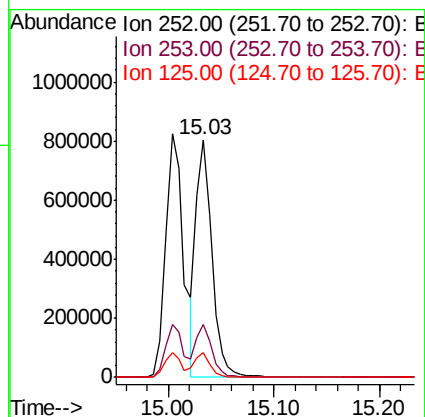
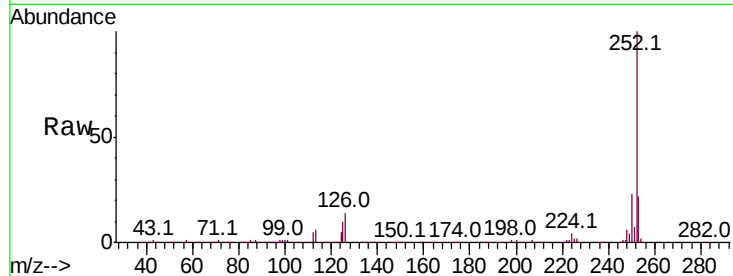
#89
Benzo(k)fluoranthene
Concen: 41.655 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	830869		
253	22.0	18.2	27.2	
125	10.2	8.6	13.0	

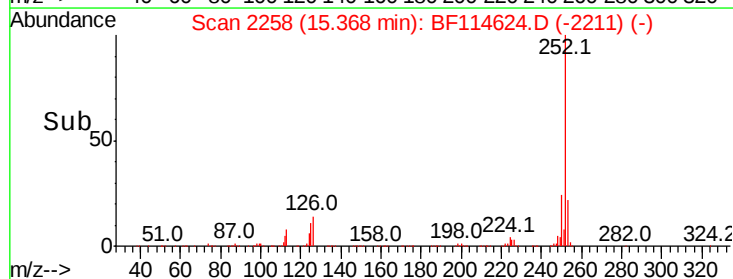
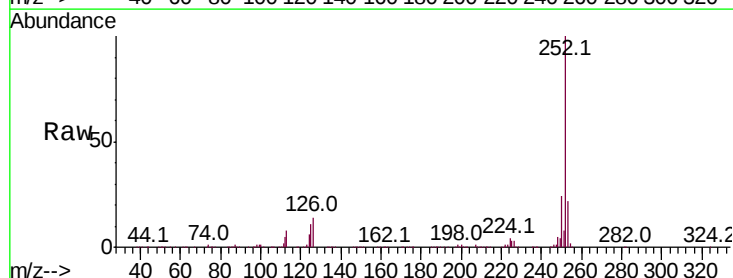
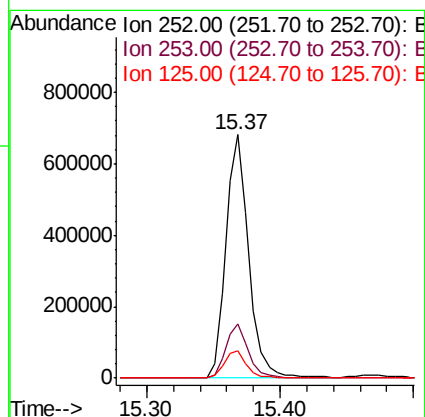
Manual Integrations
APPROVED

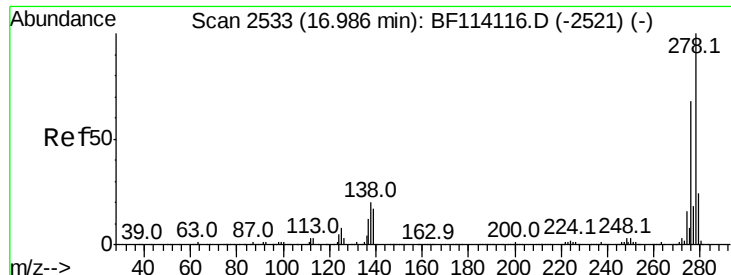
mohammad
5/27/2019 3:50:32 AM



#90
Benzo(a)pyrene
Concen: 42.852 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	818903		
253	22.2	18.1	27.1	
125	11.0	9.5	14.3	





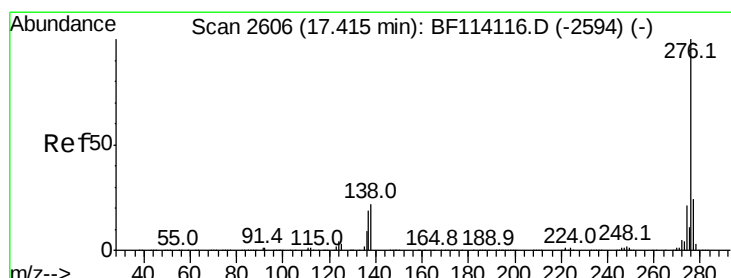
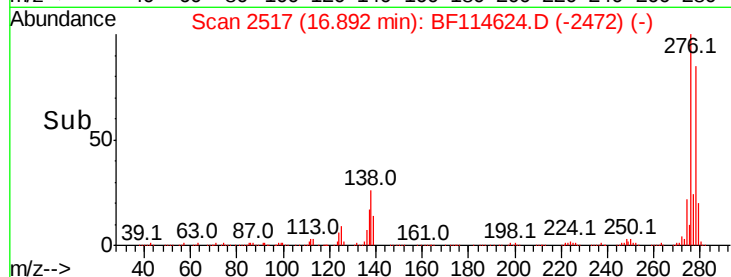
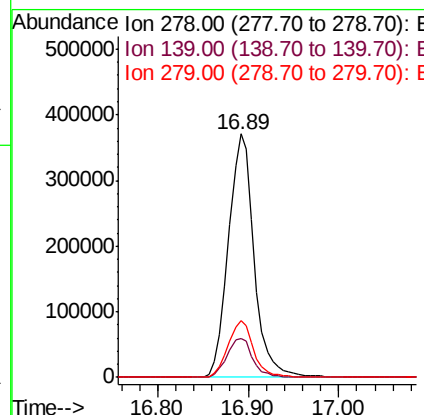
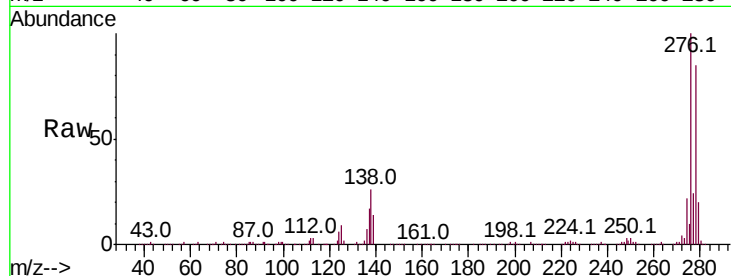
#91
Dibenzo(a,h)anthracene
Concen: 45.916 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:32 AM



#92
Benzo(g,h,i)perylene
Concen: 47.012 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.04 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	20.8	17.8	26.6

