

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112979.D
 Acq On : 12 Mar 2019 2:59
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 12 04:45:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	121517	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	492390	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	263743	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	567134	20.00	ng	0.00
76) Chrysene-d12	13.87	240	384201	20.00	ng	0.00
87) Perylene-d12	15.27	264	353319	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	600929	76.93	ng	-0.01
7) Phenol-d6	6.37	99	753936	76.83	ng	0.00
23) Nitrobenzene-d5	7.29	82	670007	81.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	280408	100.15	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1286351	79.42	ng	0.00
79) Terphenyl-d14	12.82	244	1566665	79.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	140704	35.932	ng	98
3) Pyridine	3.06	79	352073	33.607	ng	99
4) n-Nitrosodimethylamine	2.99	42	116544	25.431	ng	92
6) Aniline	6.39	93	490761	36.333	ng	100
8) 2-Chlorophenol	6.52	128	342902	39.432	ng	97
9) Benzaldehyde	6.27	77	222012	31.399	ng	100
10) Phenol	6.38	94	431467	37.679	ng	92
11) bis(2-Chloroethyl)ether	6.47	93	315498	35.896	ng	94
12) 1,3-Dichlorobenzene	6.67	146	361019	40.188	ng	96
13) 1,4-Dichlorobenzene	6.75	146	366683	40.703	ng	97
14) 1,2-Dichlorobenzene	6.90	146	346310	41.934	ng	98
15) Benzyl Alcohol	6.87	79	281553	37.627	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	519904	35.445	ng	98
17) 2-Methylphenol	6.99	107	265170	37.588	ng	97
18) Hexachloroethane	7.25	117	118483	34.334	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	222209	35.754	ng	99
20) 3+4-Methylphenols	7.15	107	324933	40.797	ng	98
22) Acetophenone	7.14	105	468656	40.705	ng	# 93
24) Nitrobenzene	7.31	77	353033	38.547	ng	99
25) Isophorone	7.56	82	635852	35.868	ng	97
26) 2-Nitrophenol	7.63	139	172371	45.212	ng	94
27) 2,4-Dimethylphenol	7.67	122	266855	37.623	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	408760	36.880	ng	98
29) 2,4-Dichlorophenol	7.87	162	293824	42.718	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	312556	42.291	ng	98
31) Naphthalene	8.04	128	985880	40.329	ng	99
32) Benzoic acid	7.79	122	207897	41.820	ng	89
33) 4-Chloroaniline	8.09	127	422519	40.807	ng	99
34) Hexachlorobutadiene	8.16	225	186611	44.772	ng	99
35) Caprolactam	8.45	113	103937	42.904	ng	94
36) 4-Chloro-3-methylphenol	8.57	107	314109	41.265	ng	98
37) 2-Methylnaphthalene	8.73	142	657665	41.659	ng	99
38) 1-Methylnaphthalene	8.83	142	639934	41.846	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	319677	41.565	ng	98

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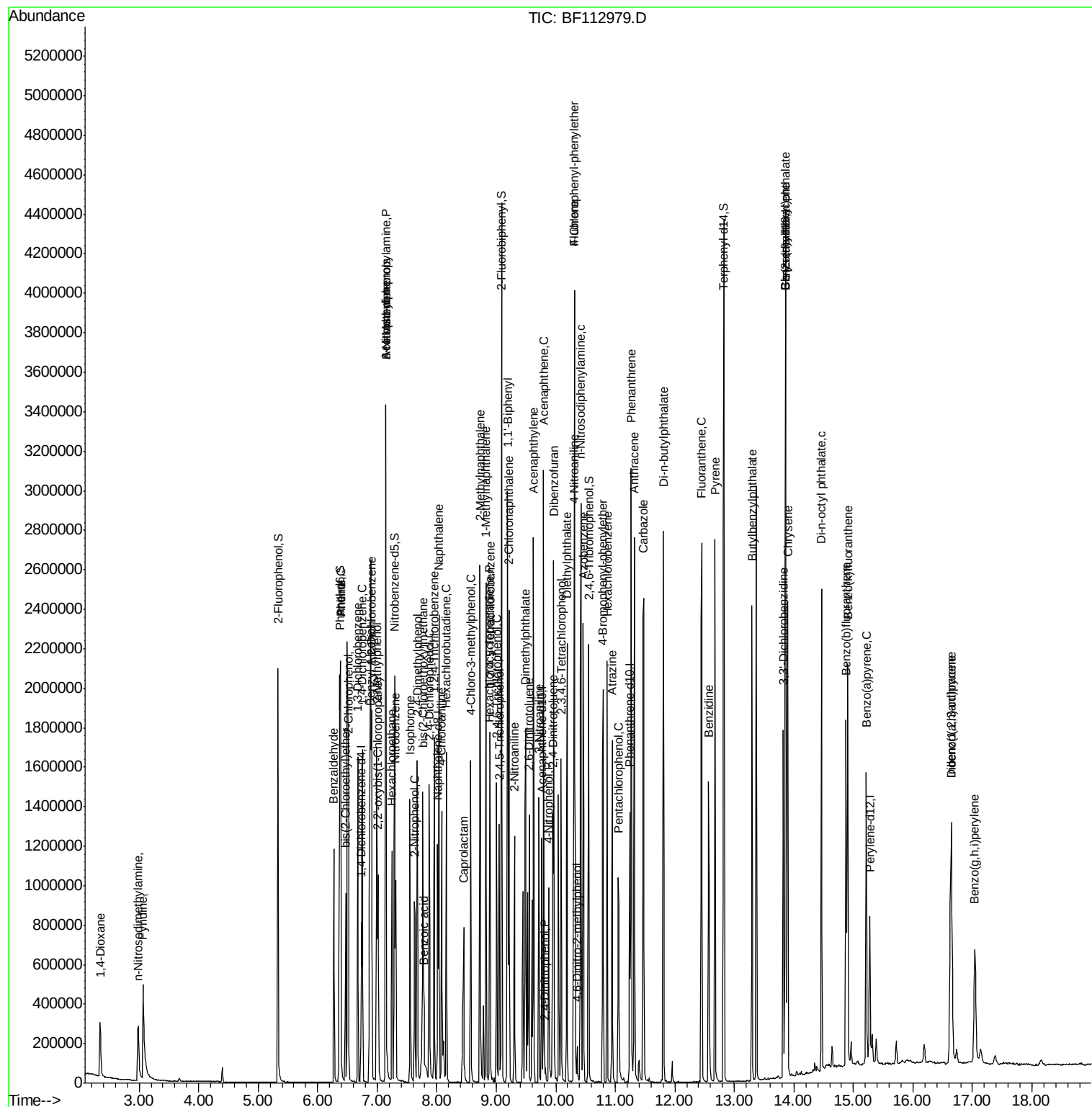
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	33802	8.026	ng	100
43) 2,4,6-Trichlorophenol	9.01	196	211060	39.874	ng	98
44) 2,4,5-Trichlorophenol	9.05	196	238202	41.634	ng	95
46) 1,1'-Biphenyl	9.19	154	841592	39.121	ng	99
47) 2-Chloronaphthalene	9.22	162	644309	38.357	ng	98
48) 2-Nitroaniline	9.31	65	217631	42.625	ng	89
49) Acenaphthylene	9.63	152	1103587	38.700	ng	99
50) Dimethylphthalate	9.49	163	754900	38.818	ng	99
51) 2,6-Dinitrotoluene	9.55	165	172697	42.645	ng #	77
52) Acenaphthene	9.80	154	627373	37.621	ng	99
53) 3-Nitroaniline	9.72	138	217251	44.026	ng	97
54) 2,4-Dinitrophenol	9.83	184	12950	13.640	ng	97
55) Dibenzofuran	9.97	168	974254	40.197	ng	97
56) 4-Nitrophenol	9.88	139	168323	41.971	ng	93
57) 2,4-Dinitrotoluene	9.95	165	241719	48.019	ng	87
58) Fluorene	10.31	166	732502	42.581	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	208804	43.805	ng	95
60) Diethylphthalate	10.19	149	785975	38.267	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	358133	44.746	ng	94
62) 4-Nitroaniline	10.32	138	229026	50.227	ng	98
63) Azobenzene	10.46	77	781324	37.139	ng	94
65) 4,6-Dinitro-2-methylphenol	10.36	198	22219	13.231	ng	92
66) n-Nitrosodiphenylamine	10.42	169	678972	37.330	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	247384	41.413	ng	92
68) Hexachlorobenzene	10.86	284	284355	42.228	ng #	91
69) Atrazine	10.95	200	215337	38.656	ng	98
70) Pentachlorophenol	11.06	266	152665	38.519	ng	99
71) Phenanthrene	11.27	178	1130327	40.058	ng	99
72) Anthracene	11.32	178	1181337	39.995	ng	99
73) Carbazole	11.47	167	1122049	38.941	ng	99
74) Di-n-butylphthalate	11.81	149	1393942	40.347	ng	100
75) Fluoranthene	12.45	202	1161341	38.415	ng	96
77) Benzidine	12.57	184	620345	31.121	ng	99
78) Pyrene	12.67	202	1158535	35.769	ng	99
80) Butylbenzylphthalate	13.30	149	540475	37.804	ng	91
81) Benzo(a)anthracene	13.86	228	901237	33.846	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	398157	39.536	ng	99
83) Chrysene	13.90	228	954922	36.611	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	686309	40.927	ng	99
85) Di-n-octyl phthalate	14.47	149	1204788	41.840	ng	96
86) Indeno(1,2,3-cd)pyrene	16.64	276	731509	32.897	ng	95
88) Benzo(b)fluoranthene	14.87	252	944531	41.329	ng	98
89) Benzo(k)fluoranthene	14.90	252	799569	38.625	ng	98
90) Benzo(a)pyrene	15.22	252	782388	38.704	ng	98
91) Dibenzo(a,h)anthracene	16.65	278	624854	36.225	ng	97
92) Benzo(g,h,i)perylene	17.04	276	559054	32.277	ng	96

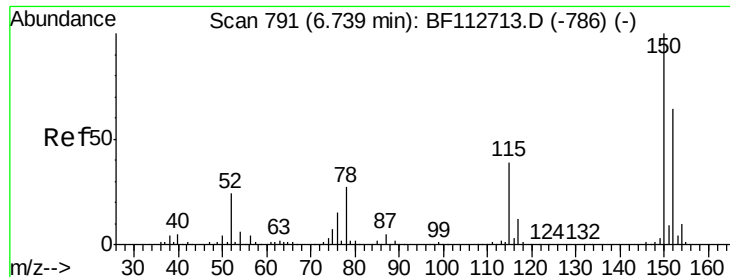
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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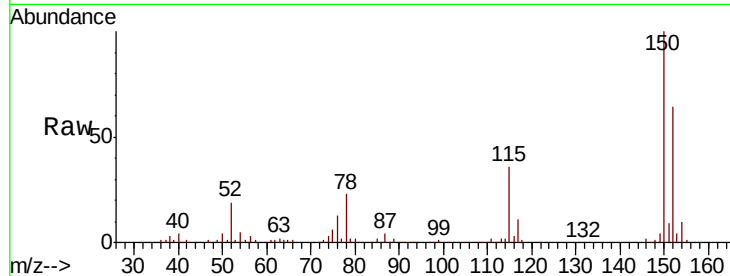


#1

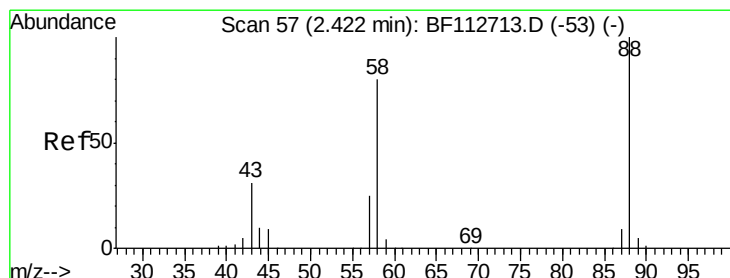
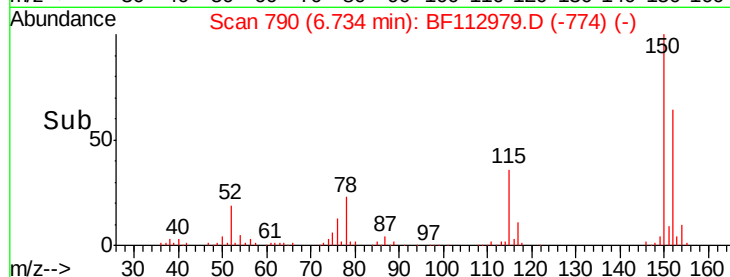
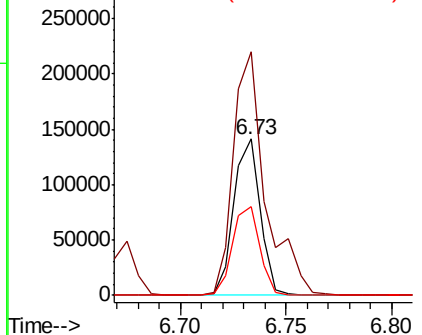
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.2	186.2
115	56.8	48.2	72.4



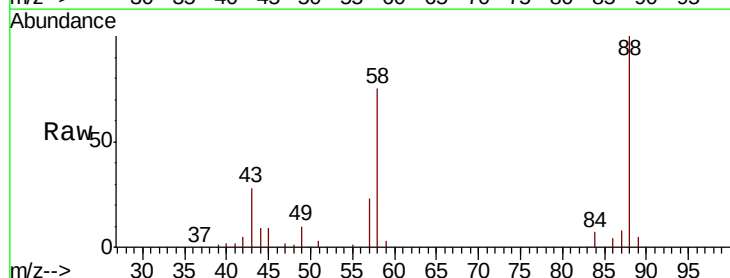
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



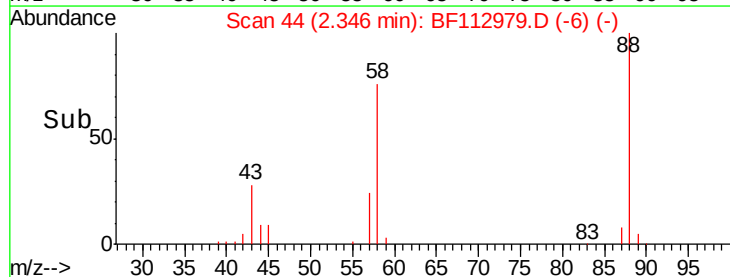
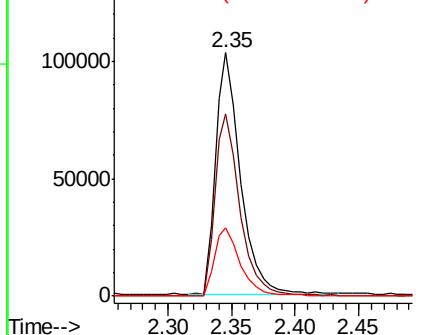
#2

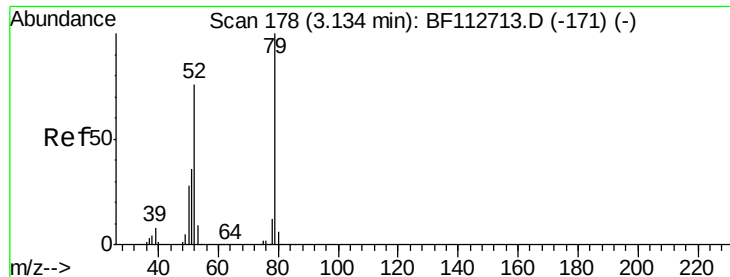
1,4-Dioxane
Concen: 35.932 ng
RT: 2.35 min Scan# 44
Delta R.T. -0.08 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	63.1	94.7
43	29.9	24.3	36.5



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 33.607 ng

RT: 3.06 min Scan# 166

Delta R.T. -0.07 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

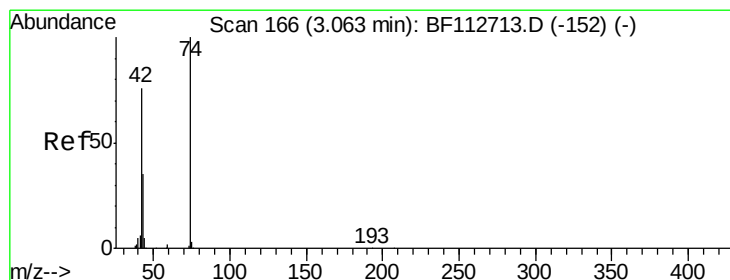
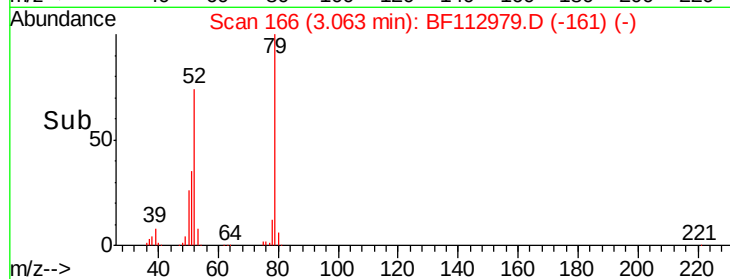
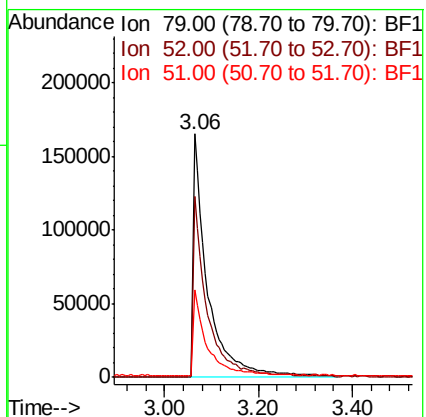
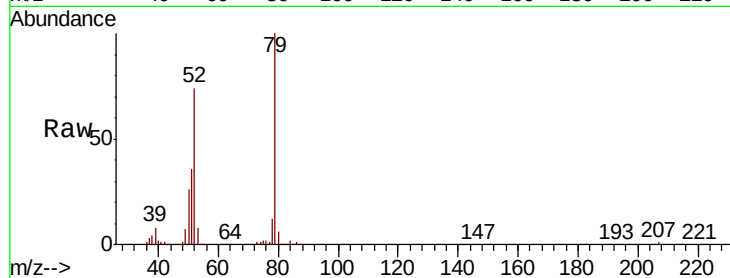
Tgt Ion: 79 Resp: 352073

Ion Ratio Lower Upper

79 100

52 74.4 60.5 90.7

51 35.9 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 25.431 ng

RT: 2.99 min Scan# 153

Delta R.T. -0.08 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

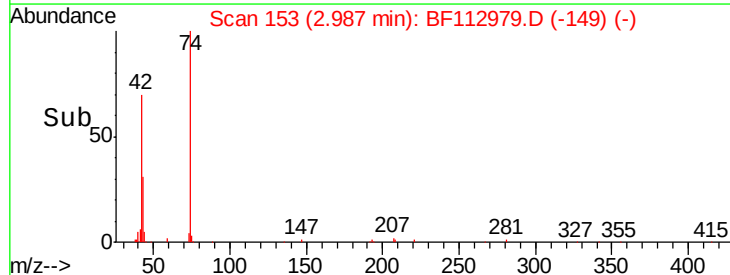
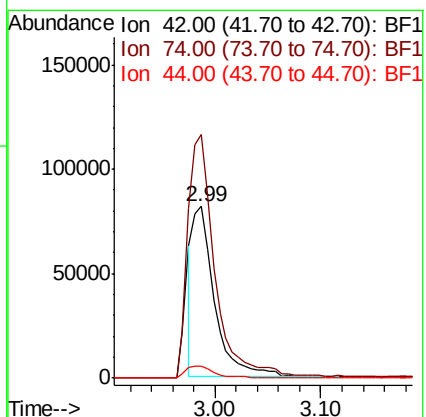
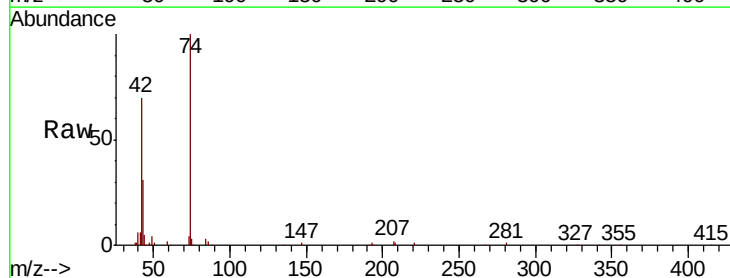
Tgt Ion: 42 Resp: 116544

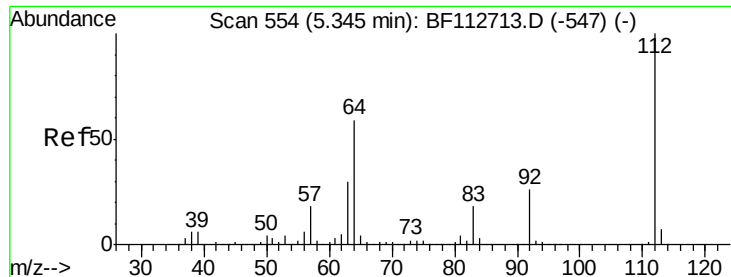
Ion Ratio Lower Upper

42 100

74 141.9 105.8 158.8

44 7.2 6.2 9.2





#5

2-Fluorophenol

Concen: 76.925 ng

RT: 5.33 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

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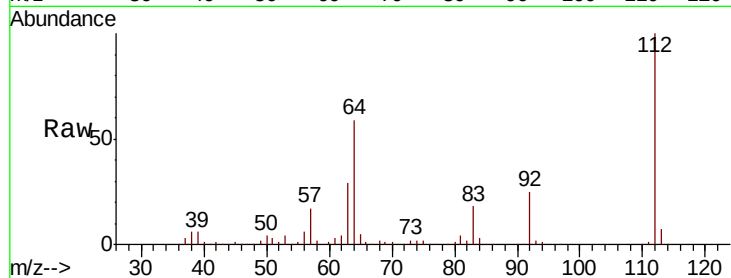
Tgt Ion: 112 Resp: 600929

Ion Ratio Lower Upper

112 100

64 58.7 47.6 71.4

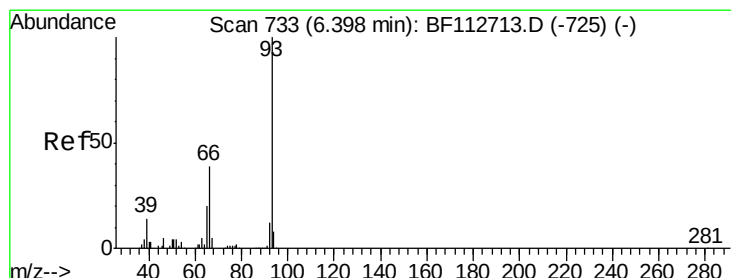
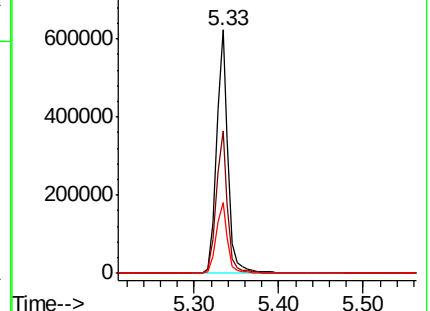
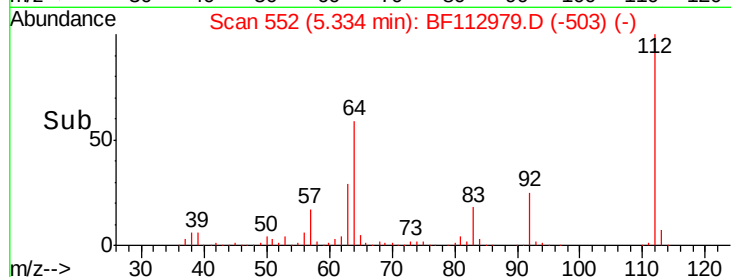
63 29.3 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.333 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

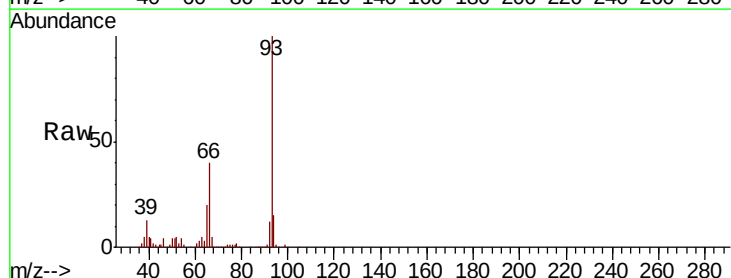
Tgt Ion: 93 Resp: 490761

Ion Ratio Lower Upper

93 100

66 40.4 32.2 48.2

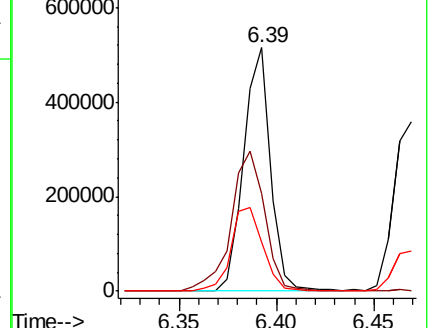
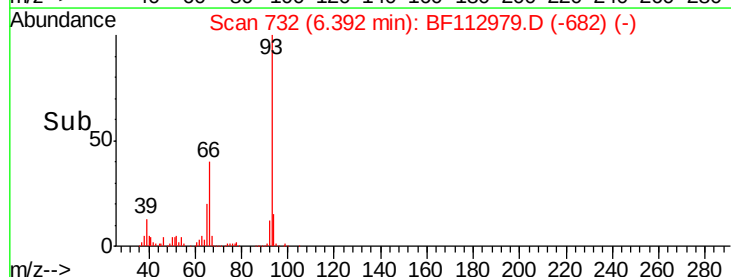
65 20.4 16.2 24.4

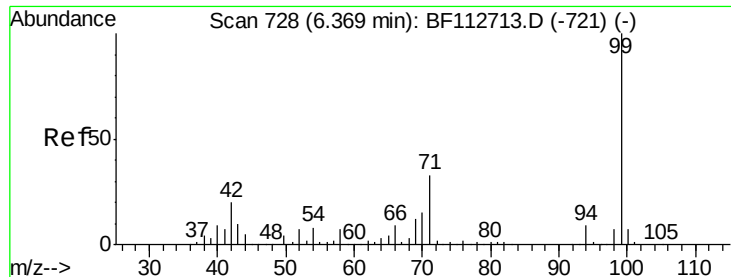


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.830 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

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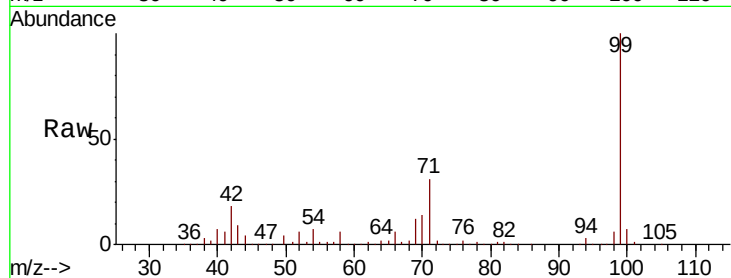
Tgt Ion: 99 Resp: 753936

Ion Ratio Lower Upper

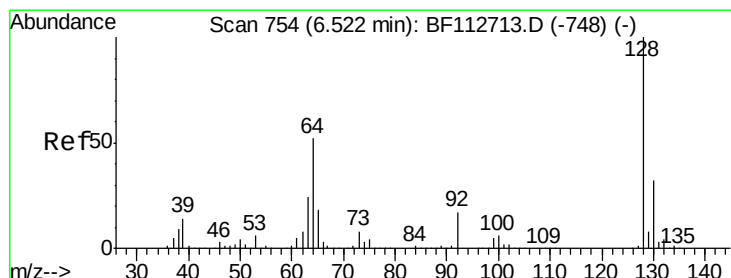
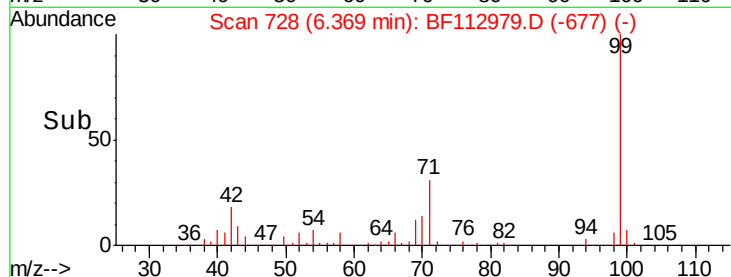
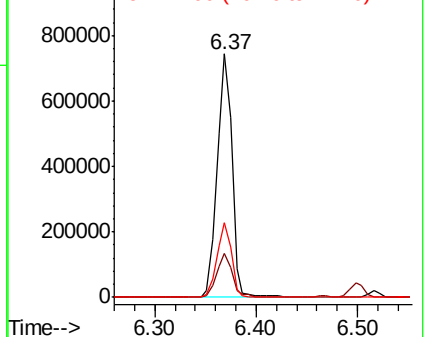
99 100

42 18.1 16.3 24.5

71 30.6 26.2 39.4



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



#8

2-Chlorophenol

Concen: 39.432 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

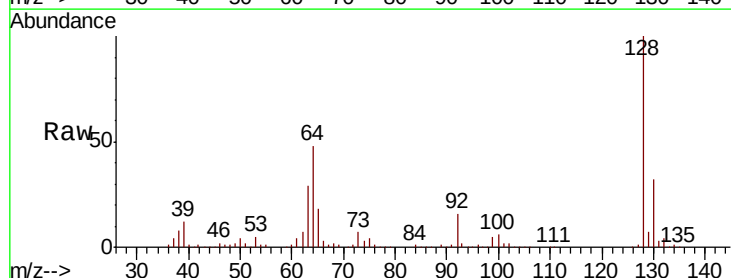
Tgt Ion: 128 Resp: 342902

Ion Ratio Lower Upper

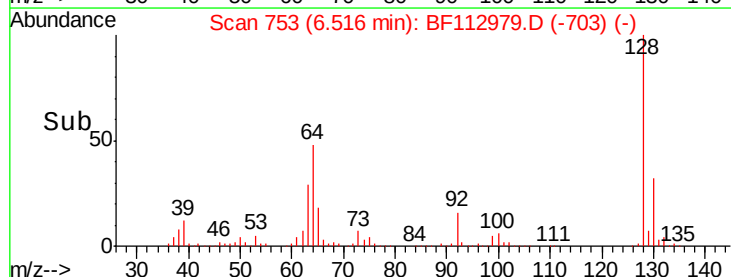
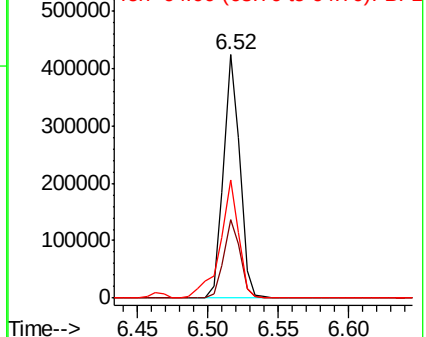
128 100

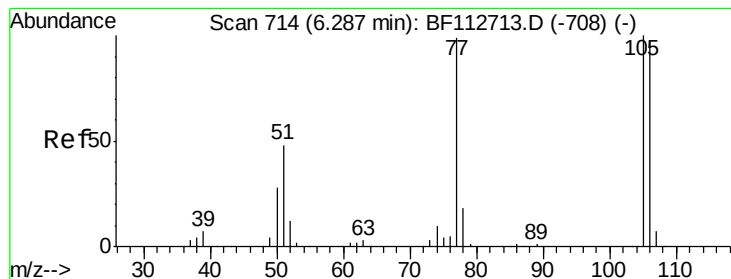
130 32.3 12.4 52.4

64 48.4 32.2 72.2



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





#9

Benzaldehyde

Concen: 31.399 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

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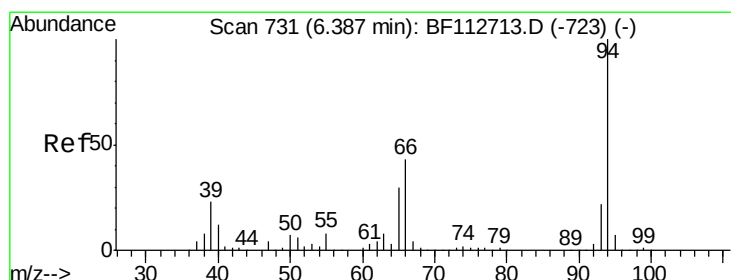
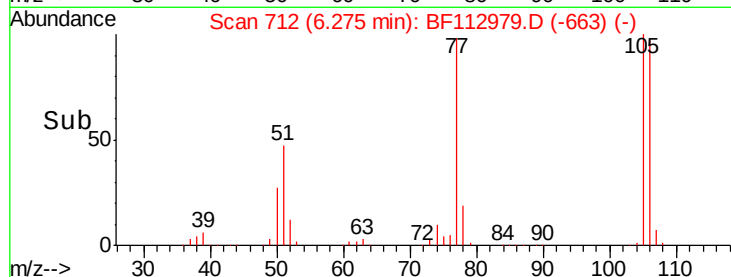
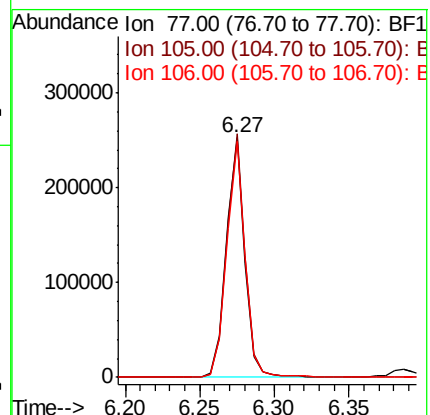
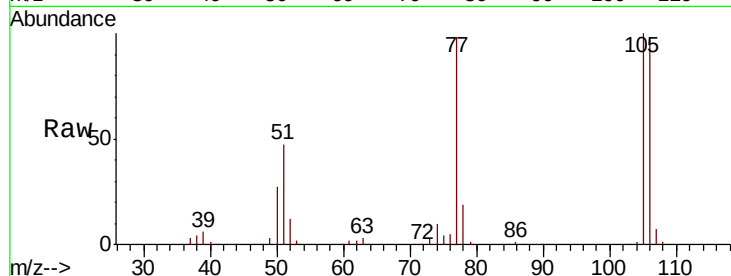
Tgt Ion: 77 Resp: 222012

Ion Ratio Lower Upper

77 100

105 101.8 81.4 121.4

106 98.9 78.3 118.3



#10

Phenol

Concen: 37.679 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

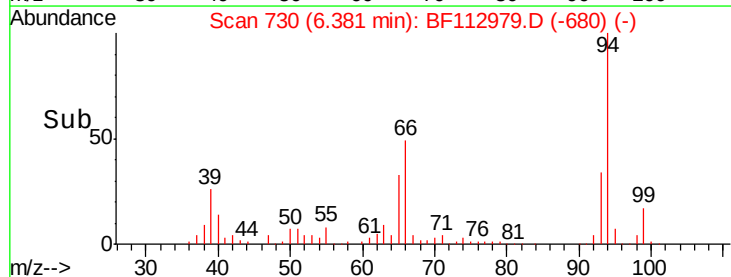
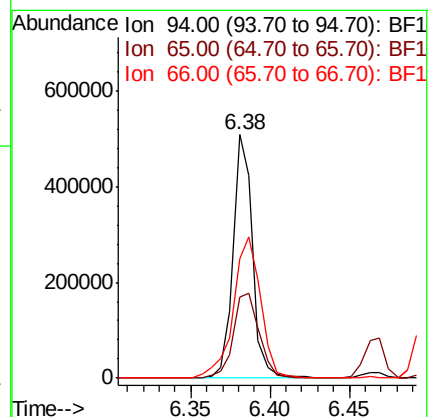
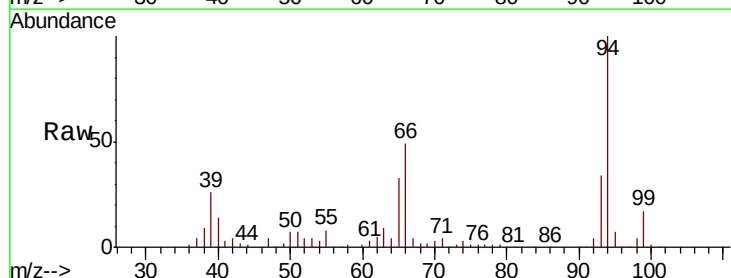
Tgt Ion: 94 Resp: 431467

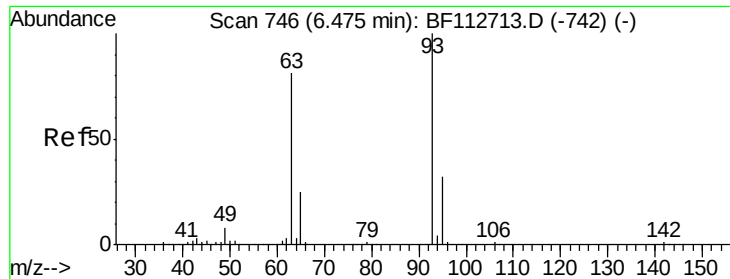
Ion Ratio Lower Upper

94 100

65 33.2 10.5 50.5

66 49.1 22.6 62.6

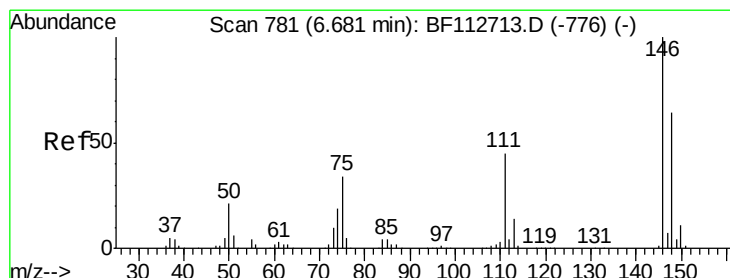
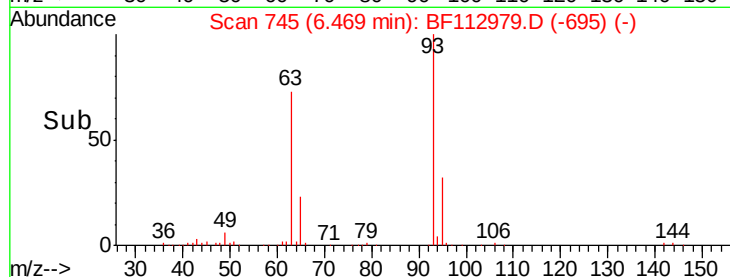
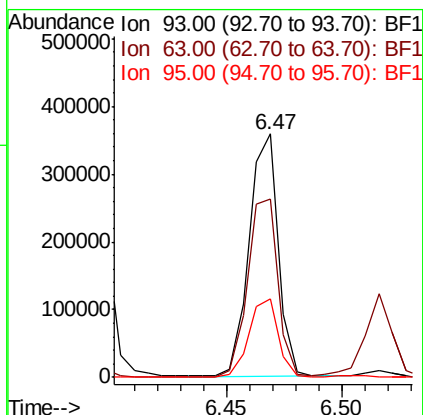
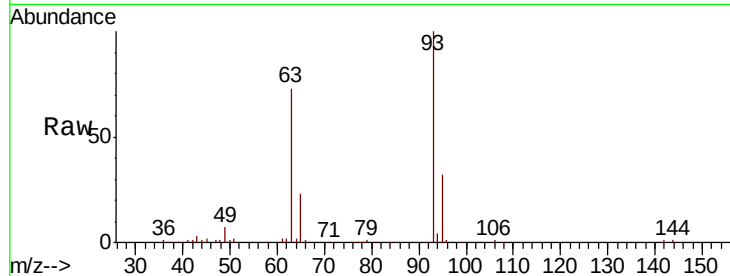




#11
bis(2-Chloroethyl)ether
Concen: 35.896 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

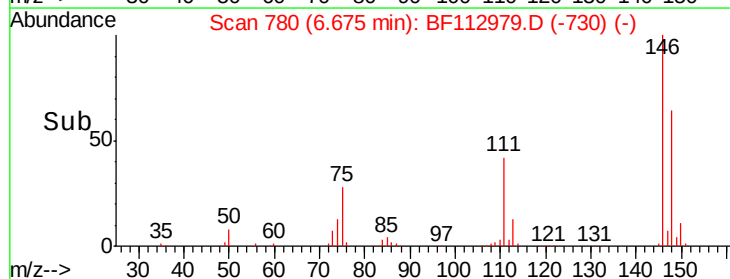
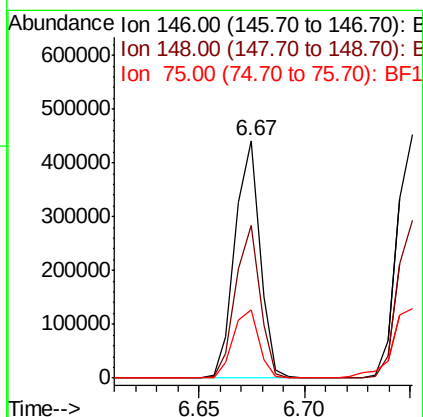
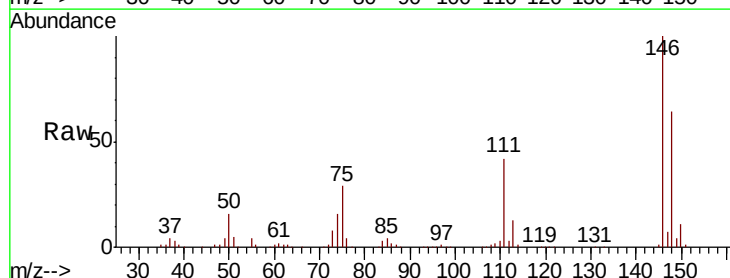
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

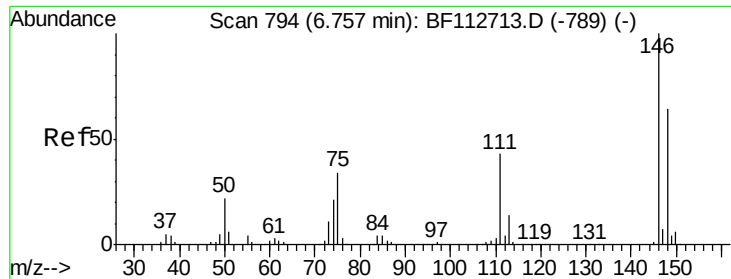
Tgt Ion: 93 Resp: 315498
Ion Ratio Lower Upper
93 100
63 73.4 60.5 100.5
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.188 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion: 146 Resp: 361019
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
75 29.0 26.9 40.3

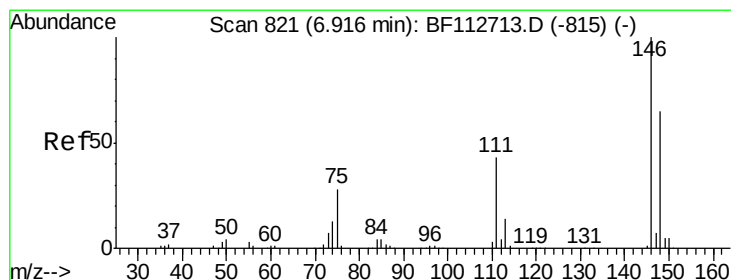
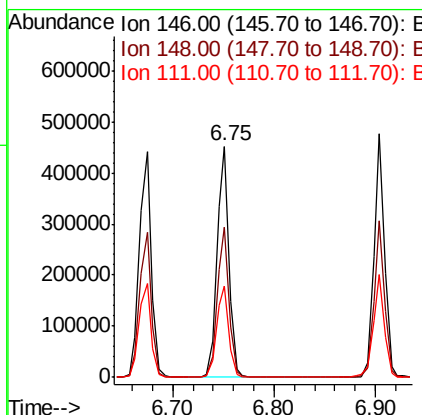
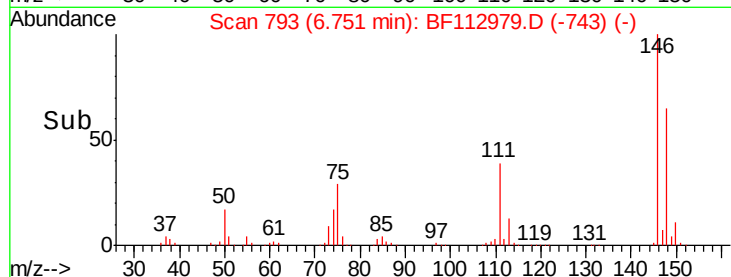
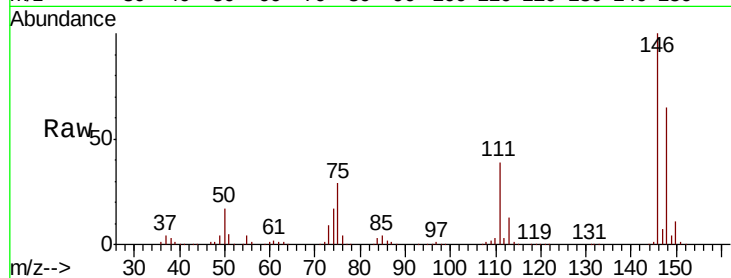




#13
 1,4-Dichlorobenzene
 Concen: 40.703 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

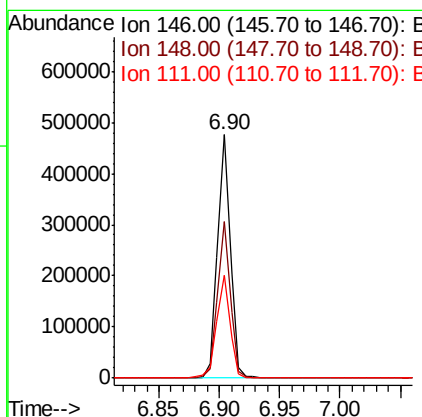
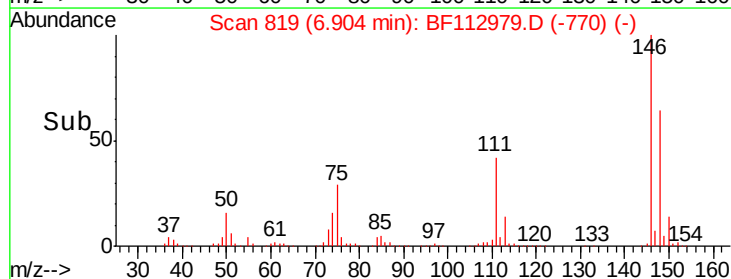
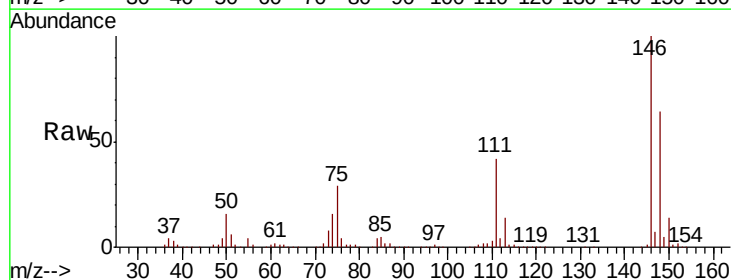
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

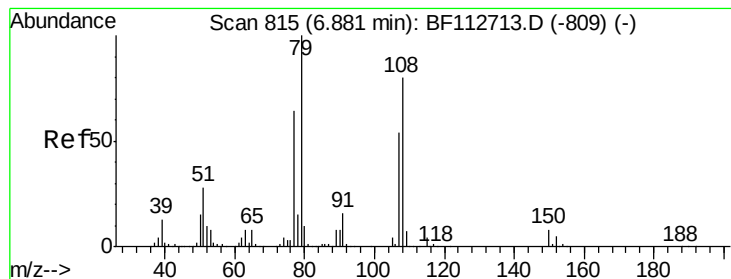
Tgt Ion:146 Resp: 366683
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.0 76.4
 111 39.4 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 41.934 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion:146 Resp: 346310
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.0 78.0
 111 42.1 34.8 52.2





#15

Benzyl Alcohol

Concen: 37.627 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

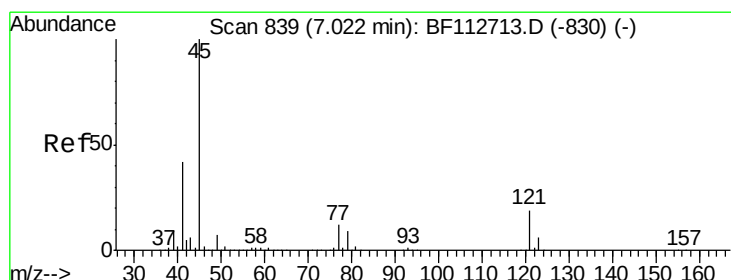
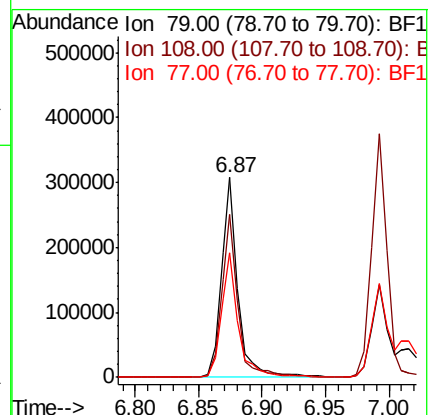
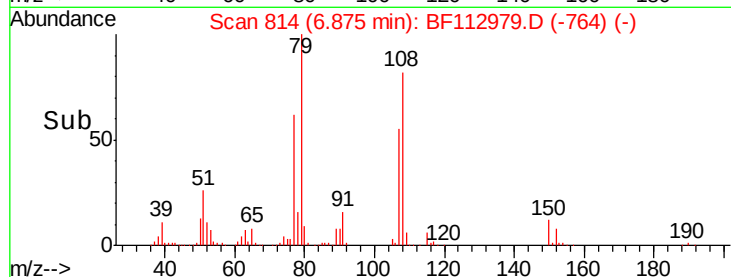
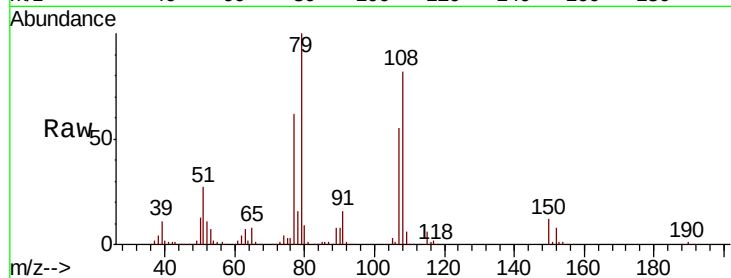
Tgt Ion: 79 Resp: 281553

Ion Ratio Lower Upper

79 100

108 81.6 64.2 96.4

77 62.0 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.445 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

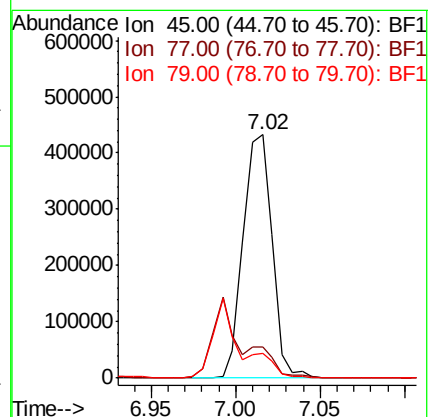
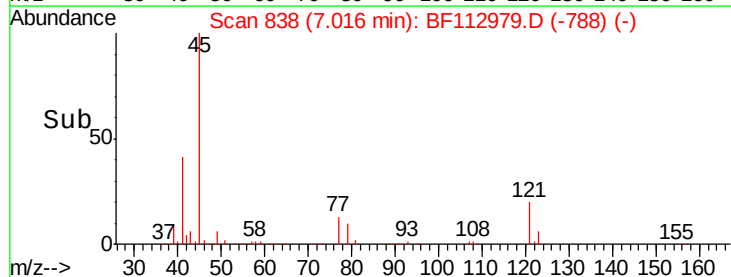
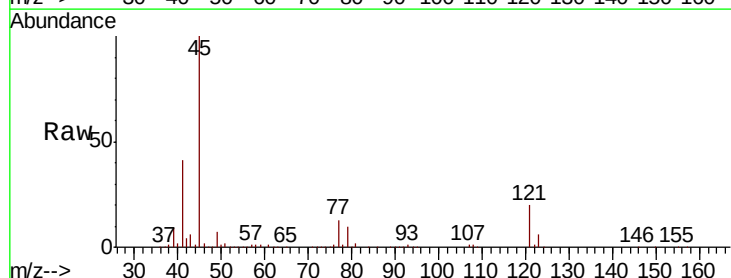
Tgt Ion: 45 Resp: 519904

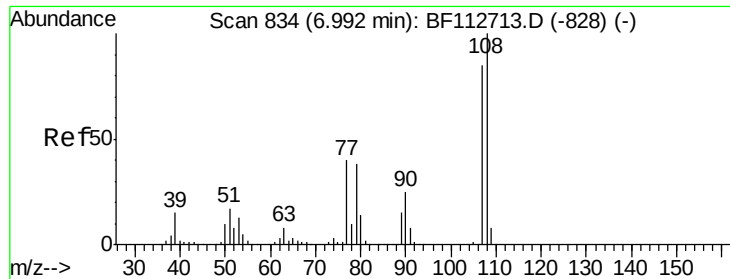
Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.1

79 10.2 0.0 29.4

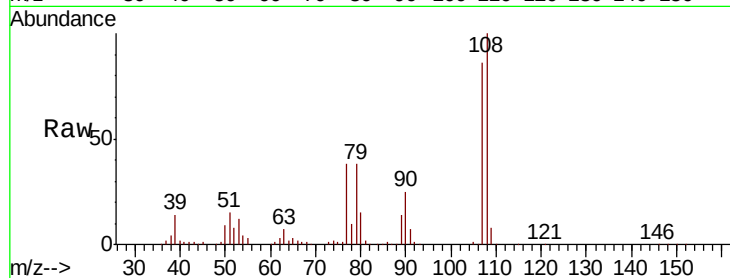




#17
2-Methylphenol
Concen: 37.588 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.7	94.6	142.0
77	44.5	37.8	56.8
79	43.7	36.2	54.2



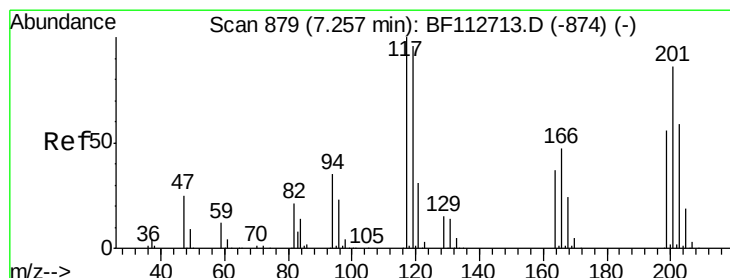
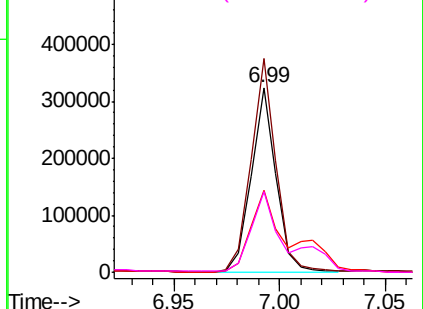
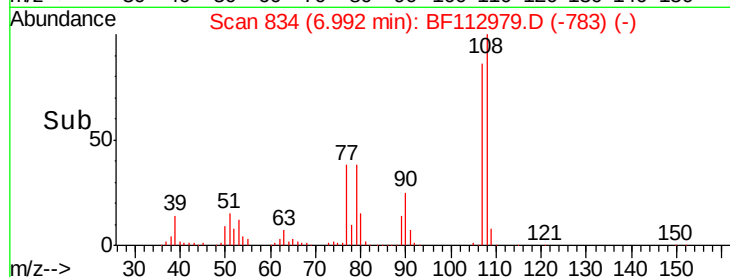
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

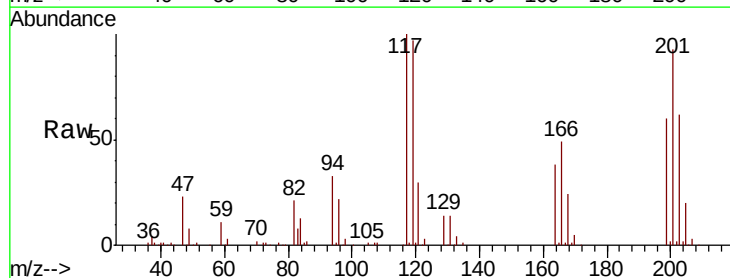
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.334 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.6	115.0
201	92.8	68.9	103.3

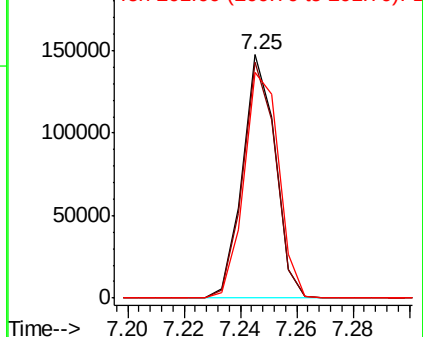
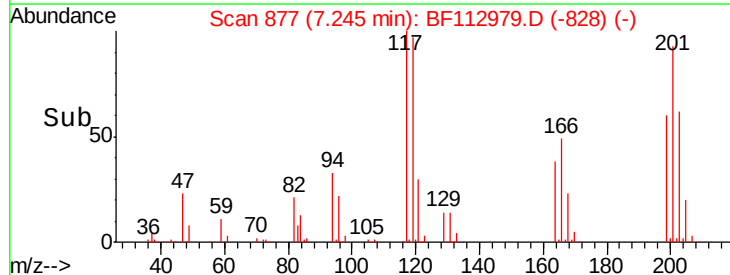


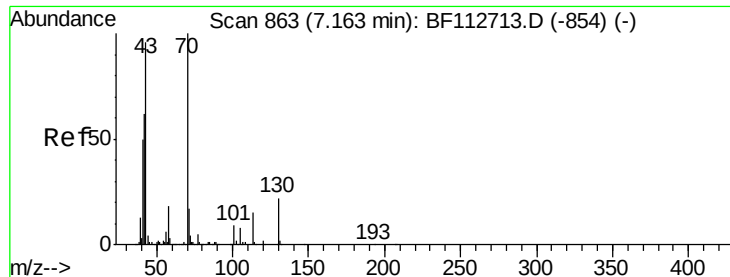
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

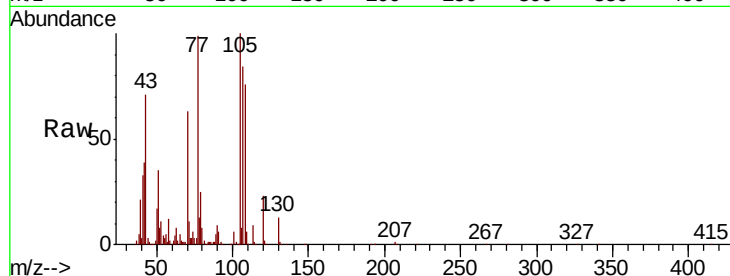




#19
n-Nitroso-di-n-propylamine
Concen: 35.754 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	222209
Ion	Ratio	Lower	Upper
70	100		
42	61.6	49.9	74.9
101	9.4	7.4	11.2
130	21.2	17.4	26.2



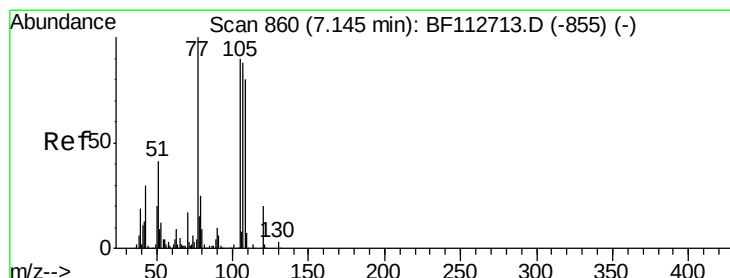
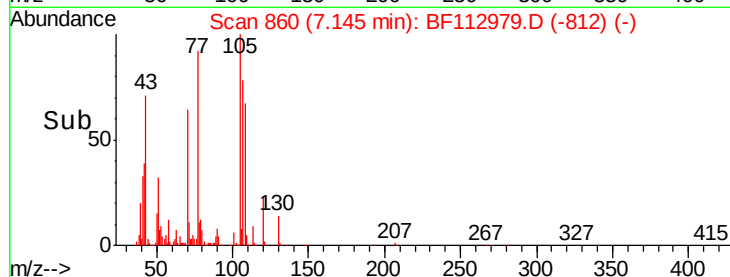
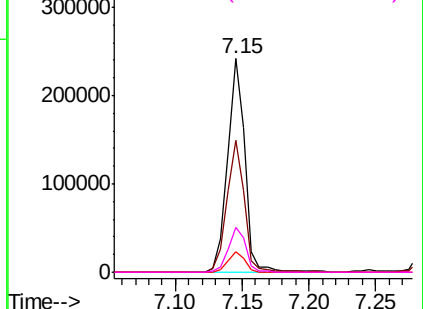
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

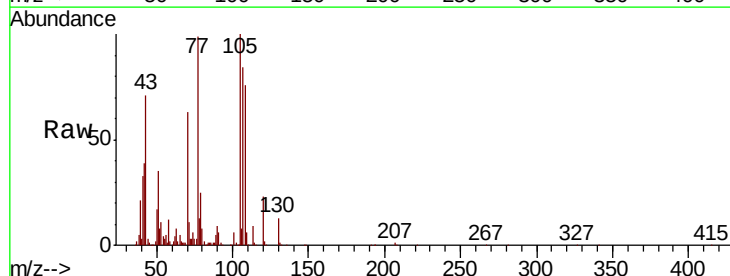
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 40.797 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion:	107	Resp:	324933
Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.4	111.4
77	118.8	94.1	134.1
79	29.4	8.6	48.6



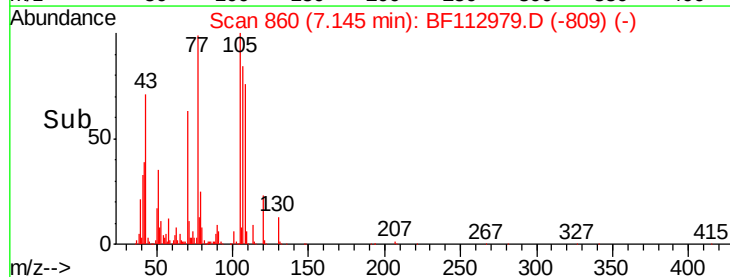
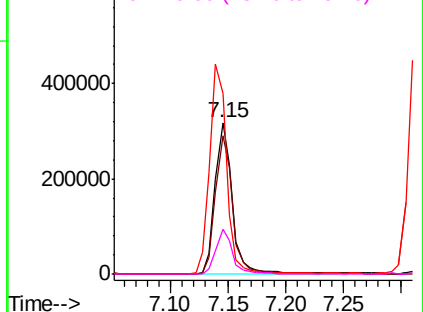
Abundance

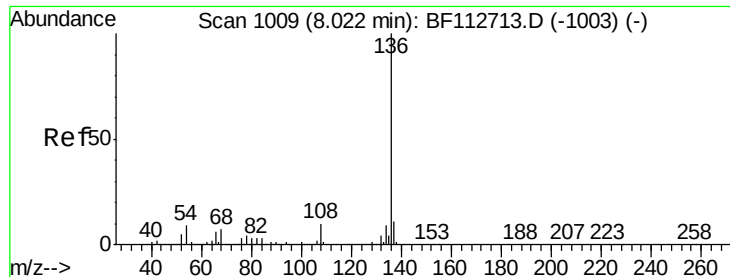
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

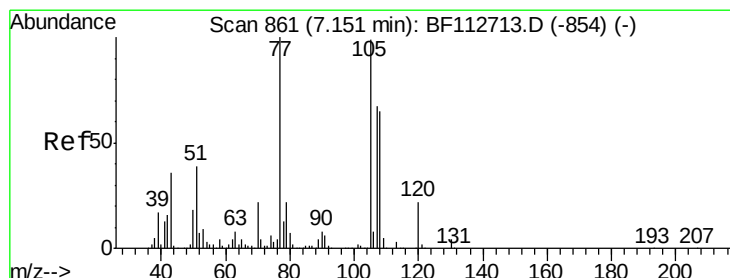
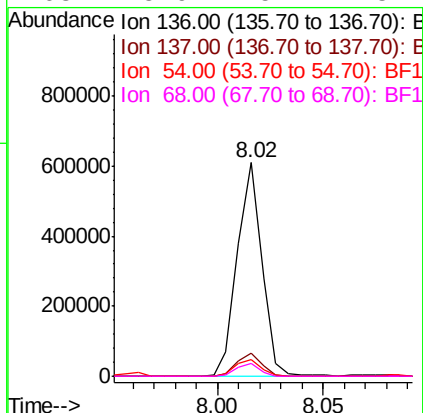
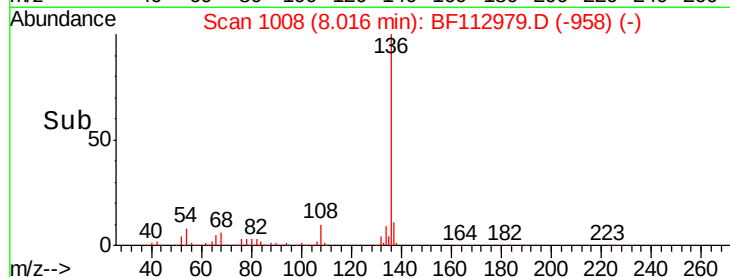
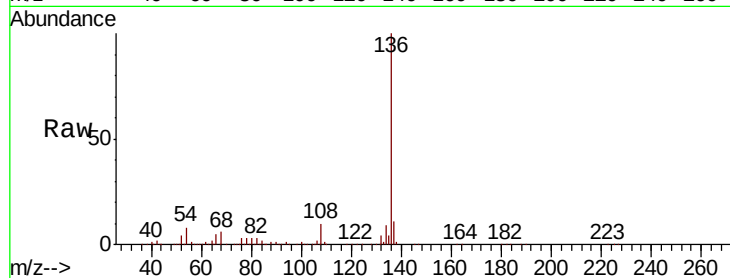




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

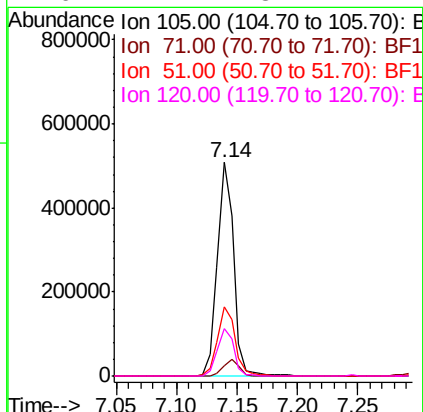
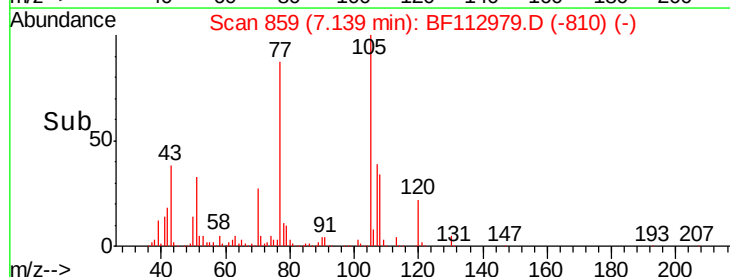
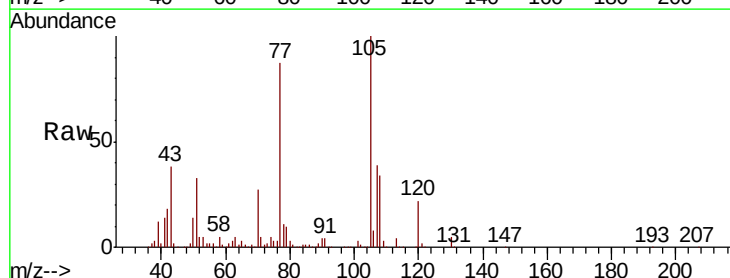
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

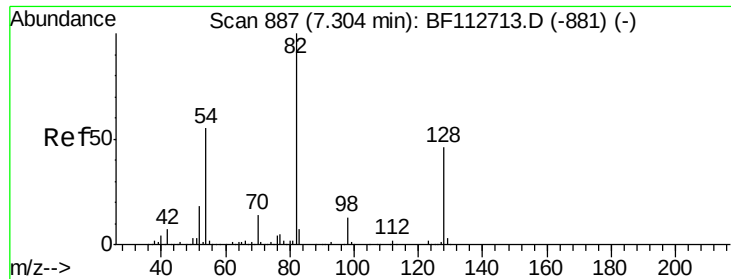
Tgt Ion:	136	Resp:	492390
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	7.3	10.9
68	5.9	5.4	8.2



#22
Acetophenone
Concen: 40.705 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion:	105	Resp:	468656
Ion	Ratio	Lower	Upper
105	100		
71	4.6	3.0	4.4#
51	32.6	31.5	47.3
120	22.2	18.1	27.1

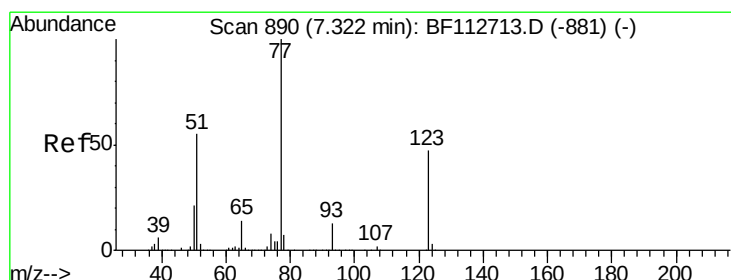
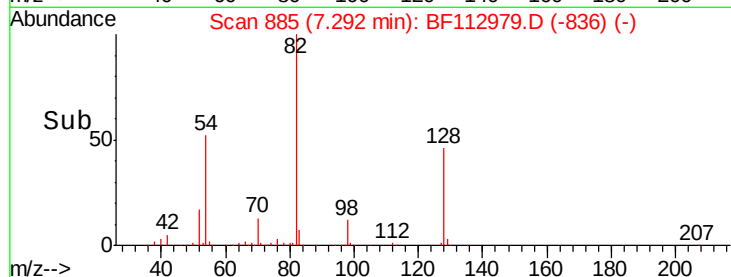
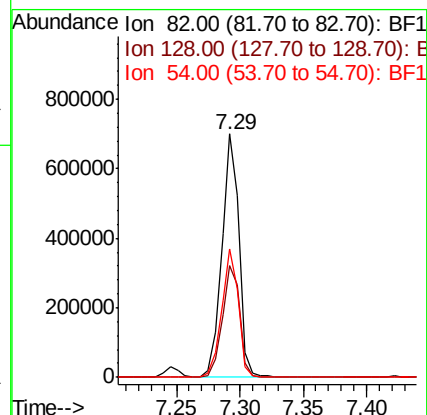
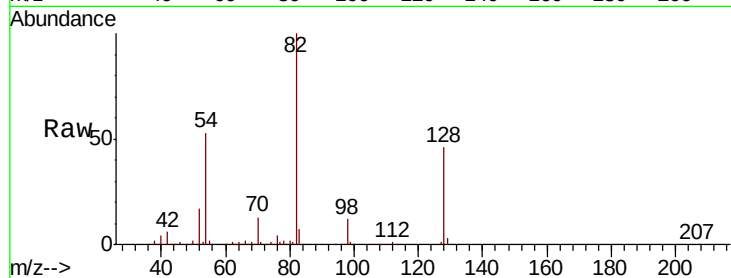




#23
 Nitrobenzene-d5
 Concen: 81.423 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

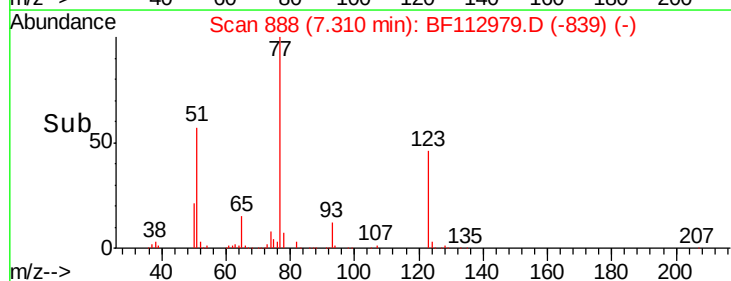
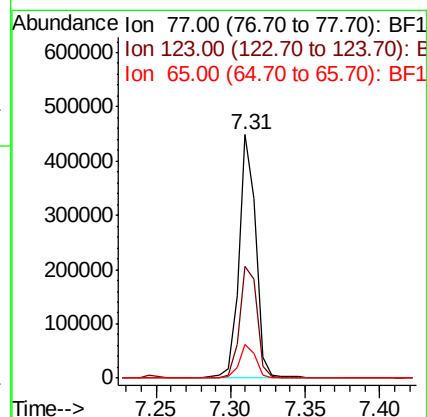
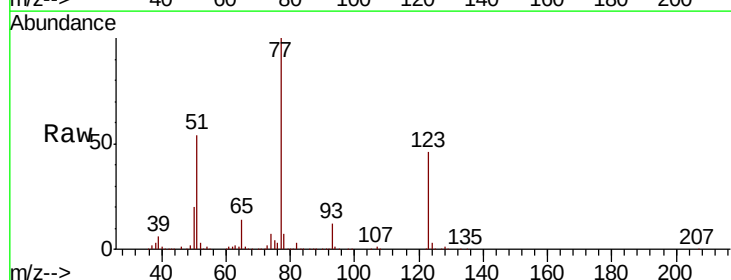
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

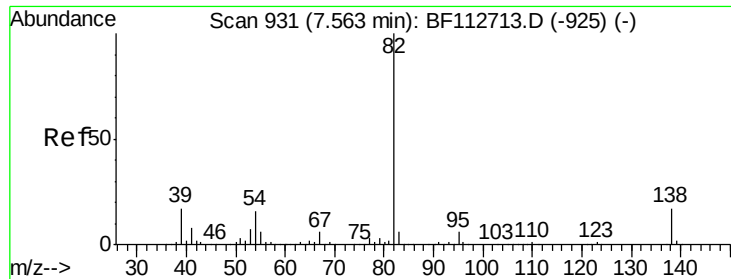
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	52.6	43.7	65.5



#24
 Nitrobenzene
 Concen: 38.547 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	37.8	56.6
65	13.8	11.1	16.7





#25

Isophorone

Concen: 35.868 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

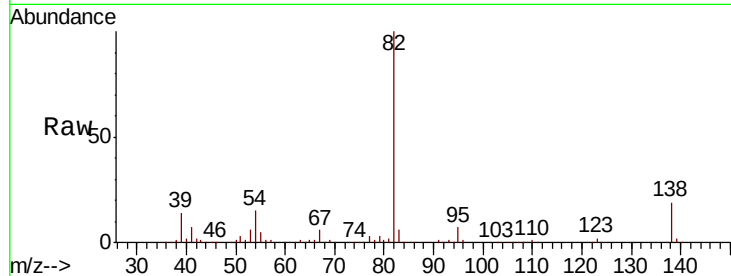
Tgt Ion: 82 Resp: 635852

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

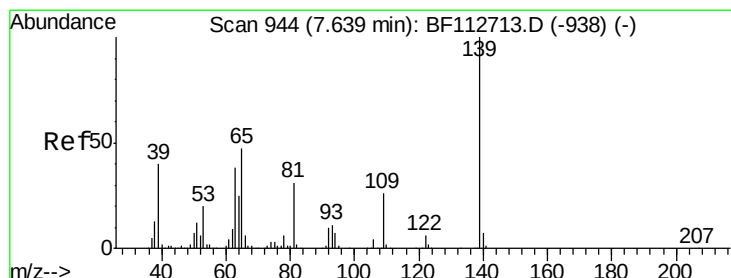
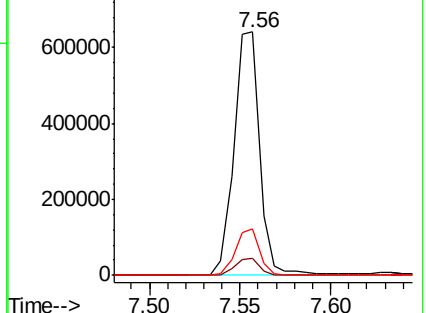
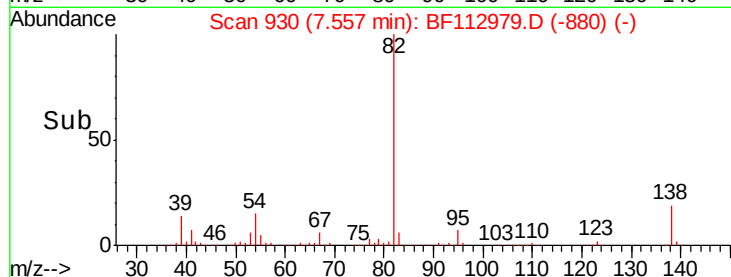
138 18.9 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.212 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

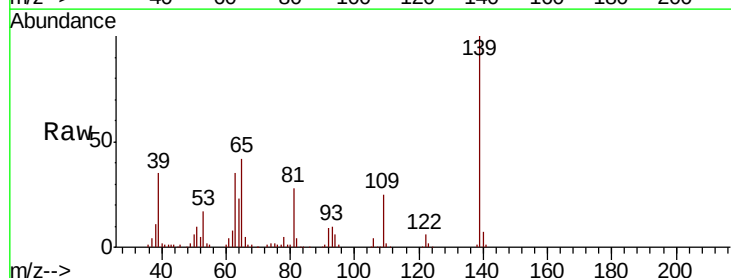
Tgt Ion: 139 Resp: 172371

Ion Ratio Lower Upper

139 100

109 25.0 20.6 31.0

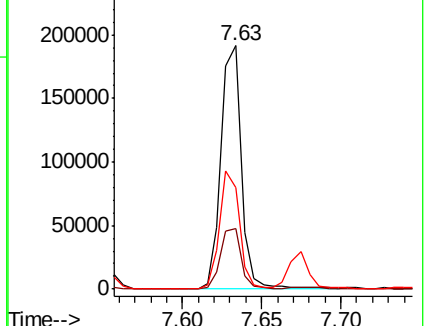
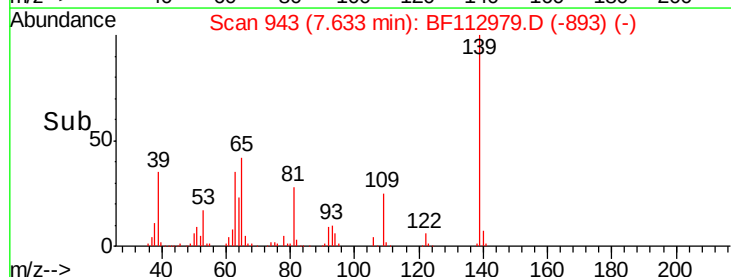
65 41.9 37.9 56.9

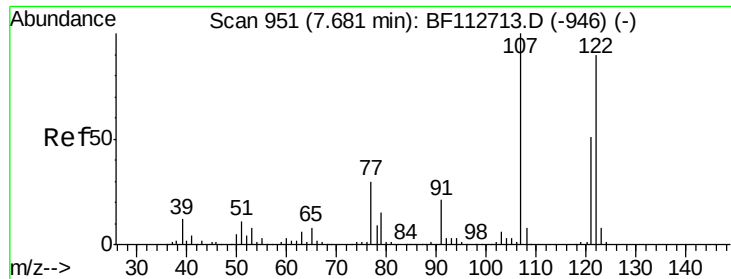


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

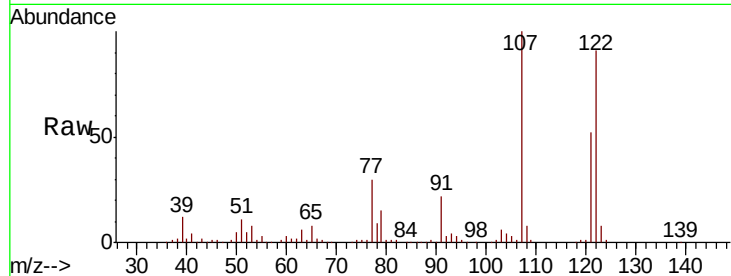




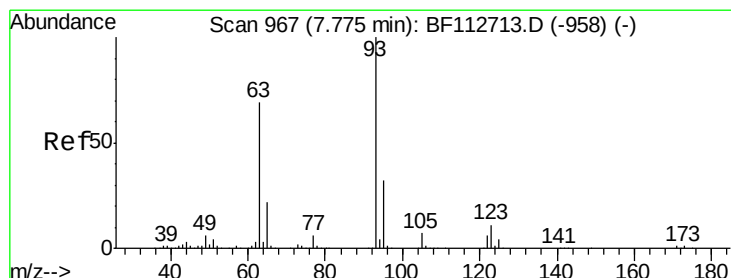
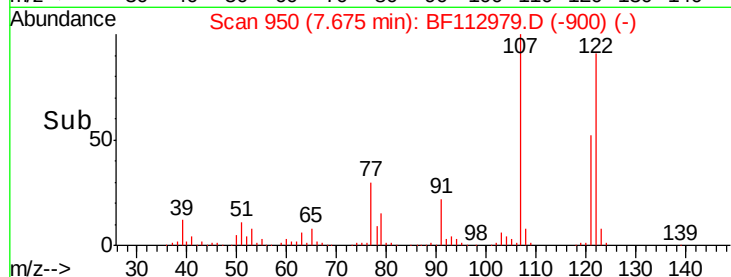
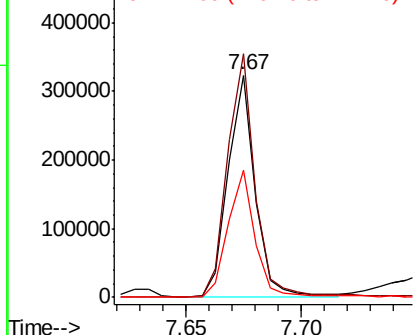
#27
2,4-Dimethylphenol
Concen: 37.623 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.6	89.4	134.0
121	57.2	45.5	68.3

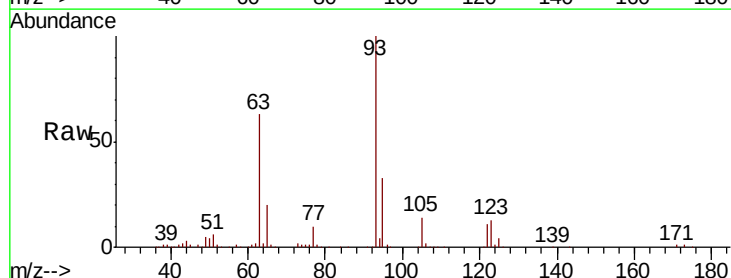


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

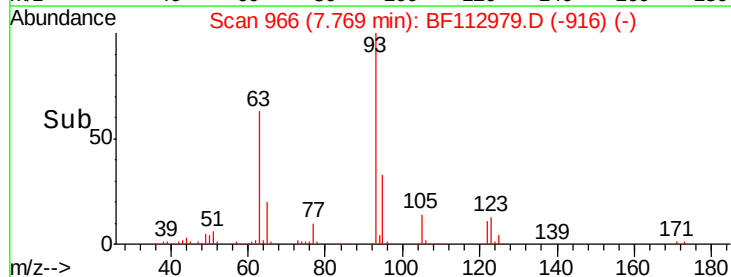
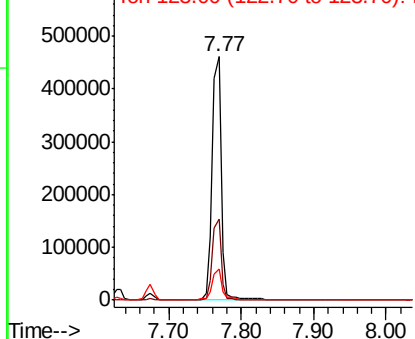


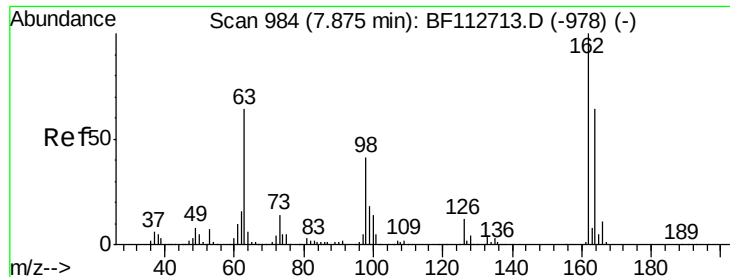
#28
bis(2-Chloroethoxy)methane
Concen: 36.880 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.0	39.0
123	12.8	9.3	13.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

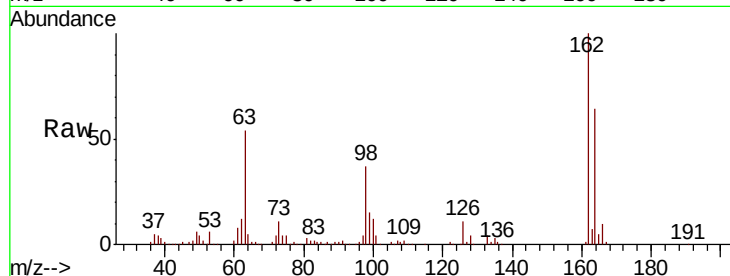




#29
2,4-Dichlorophenol
Concen: 42.718 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.0	84.0
98	37.3	20.7	60.7

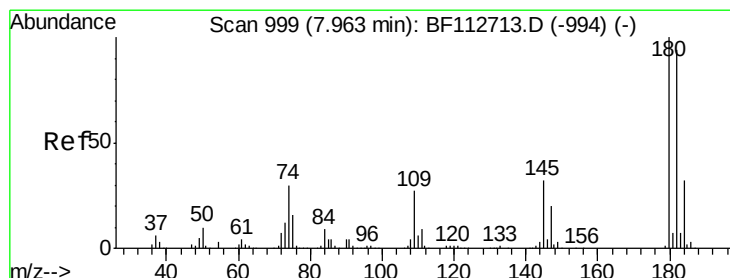
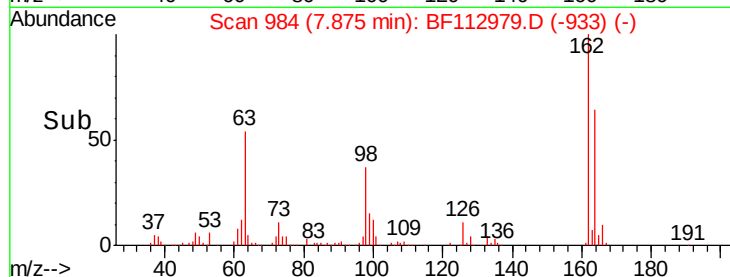
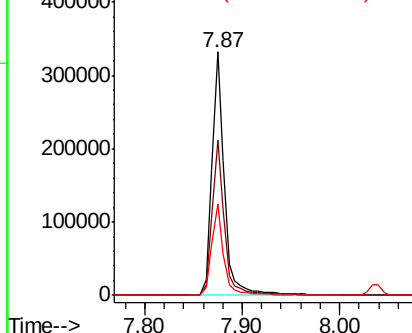


Abundance

Ion 162.00 (161.70 to 162.70): E

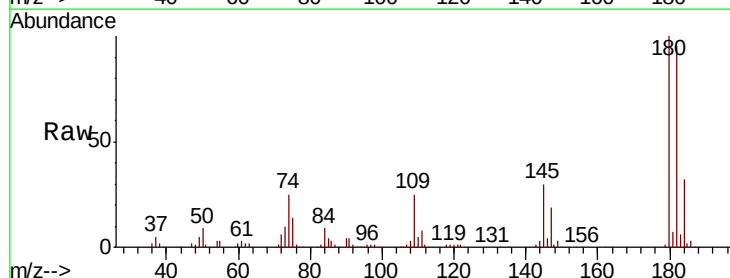
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.291 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.2	112.8
145	29.9	25.4	38.0

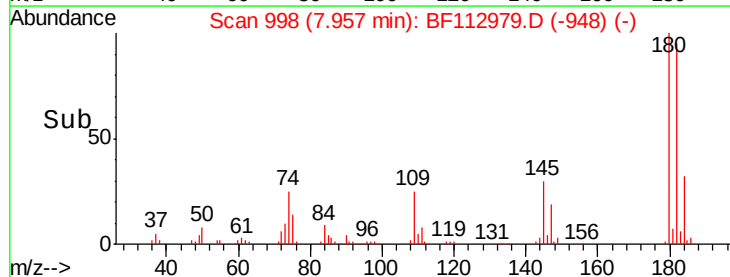
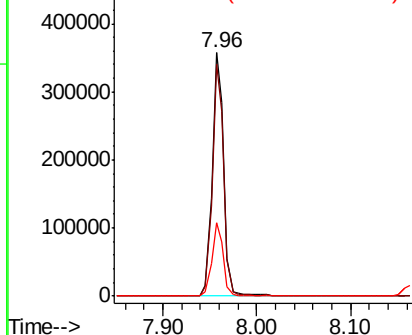


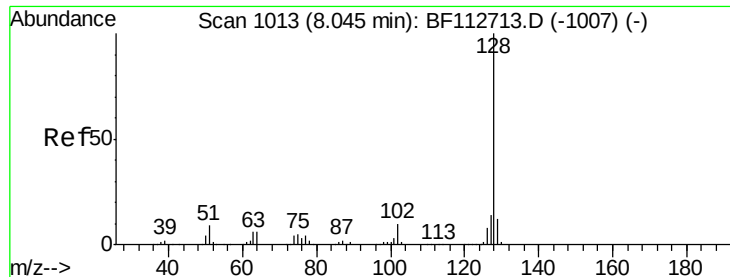
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

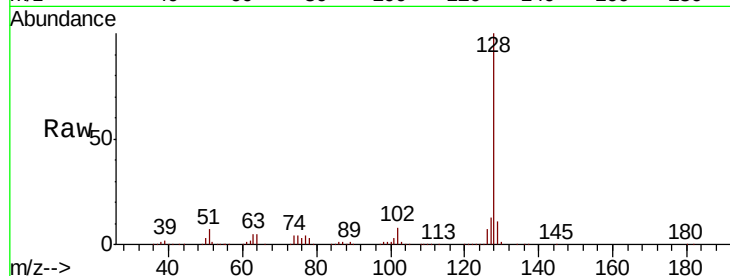




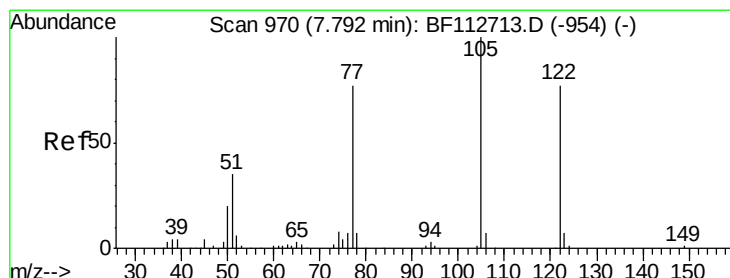
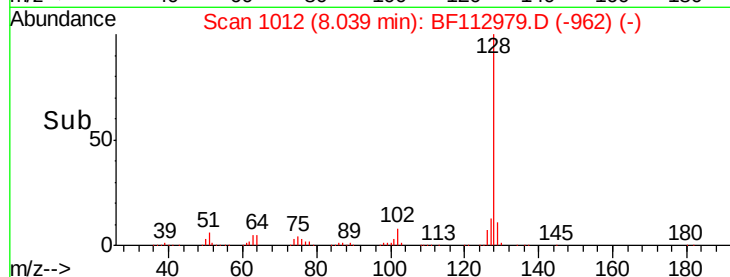
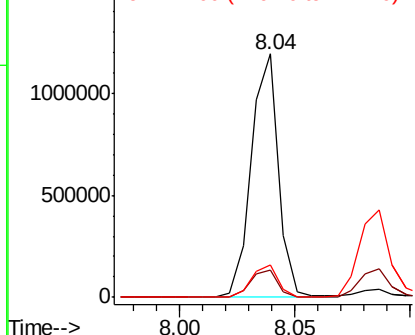
#31
Naphthalene
Concen: 40.329 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 985880
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.4 10.9 16.3

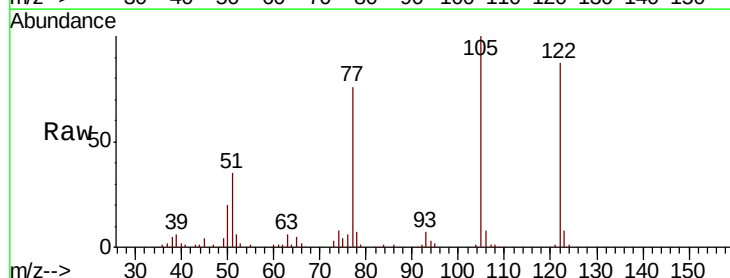


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

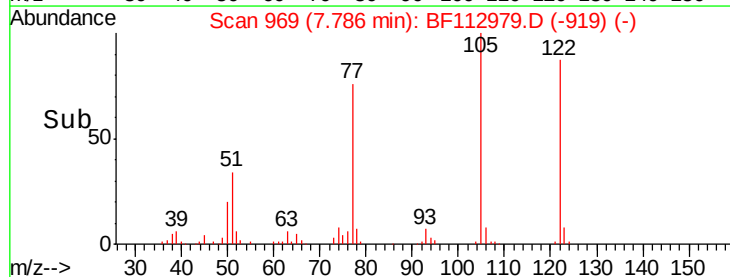
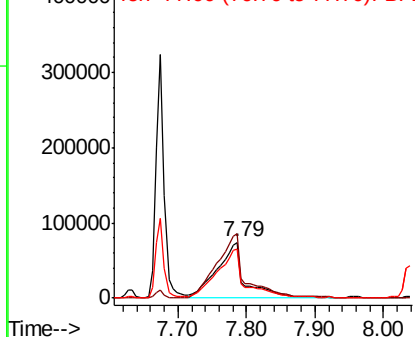


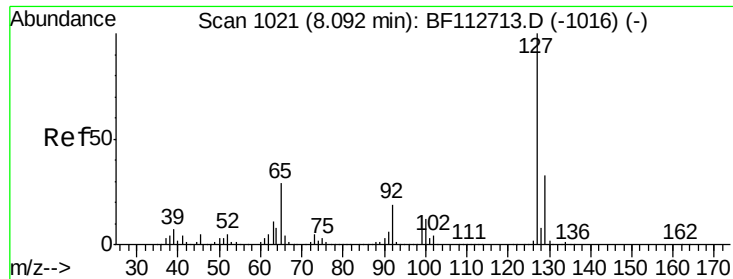
#32
Benzoic acid
Concen: 41.820 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion:122 Resp: 207897
Ion Ratio Lower Upper
122 100
105 115.1 106.8 146.8
77 87.7 79.4 119.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

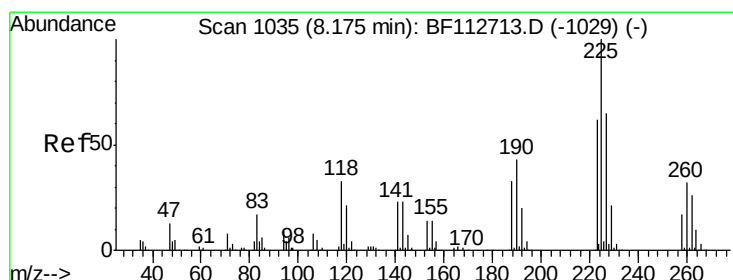
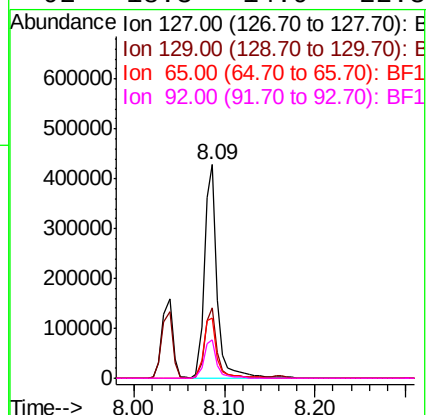
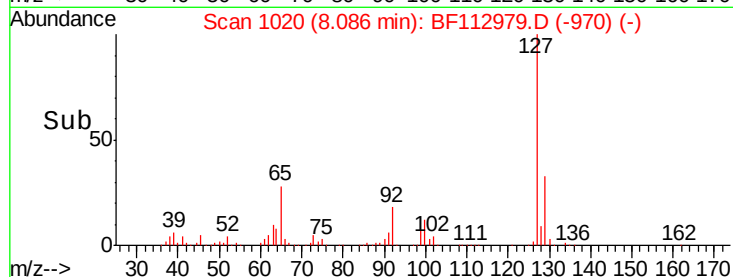
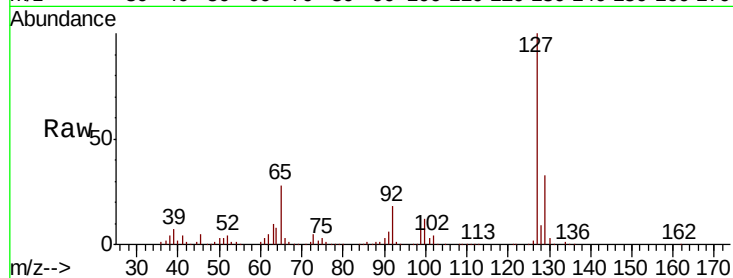




#33
4-Chloroaniline
Concen: 40.807 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

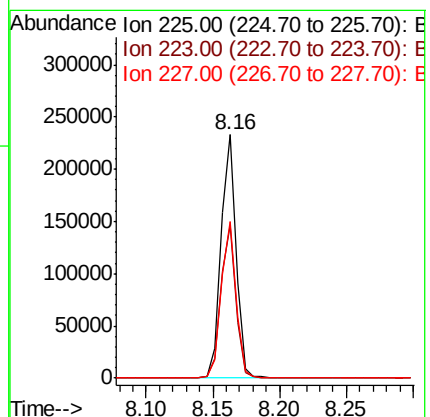
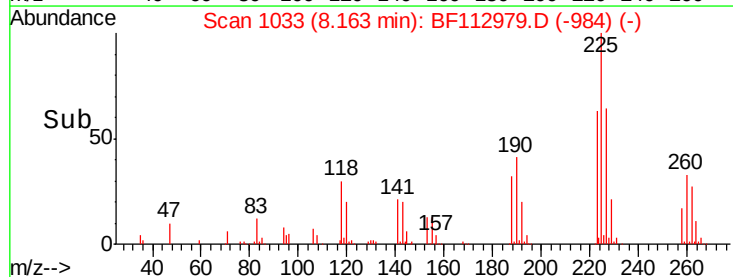
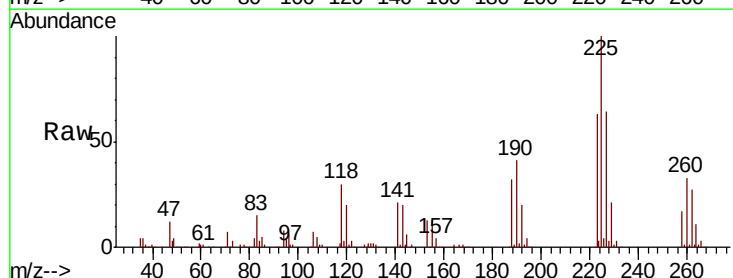
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

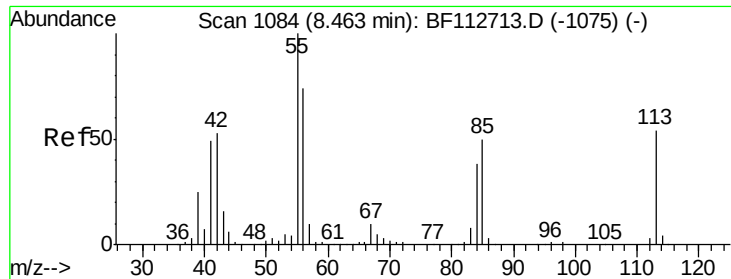
Tgt Ion:	127	Resp:	422519
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.4	39.6
65	27.9	23.1	34.7
92	18.3	14.9	22.3



#34
Hexachlorobutadiene
Concen: 44.772 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion:	225	Resp:	186611
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	64.3	52.1	78.1

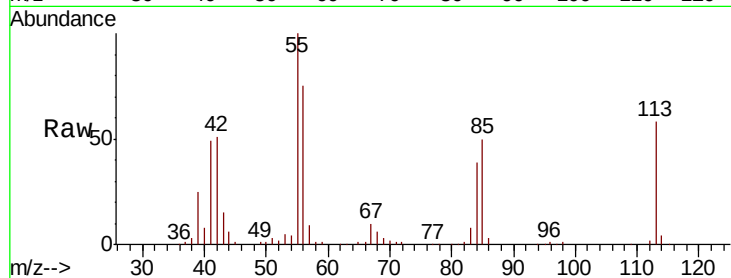




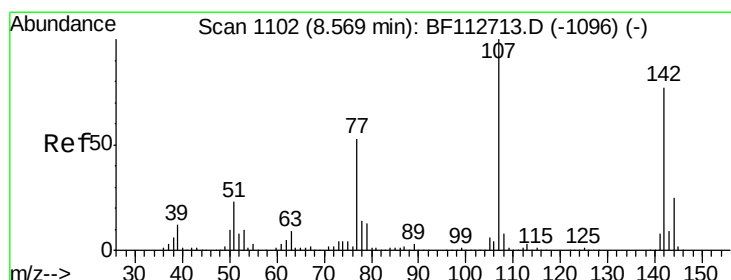
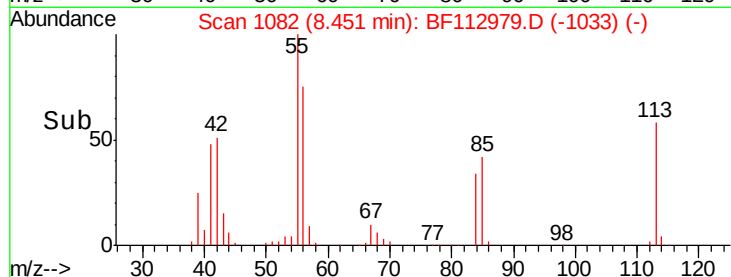
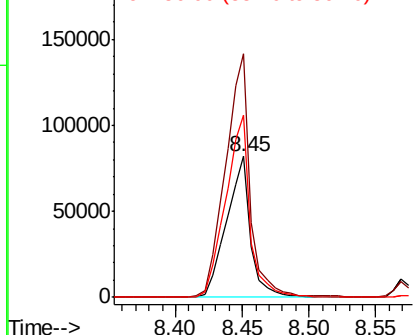
#35
 Caprolactam
 Concen: 42.904 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 103937
 Ion Ratio Lower Upper
 113 100
 55 172.8 163.5 203.5
 56 129.5 115.3 155.3

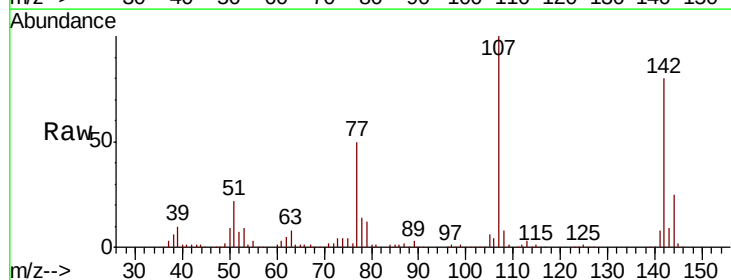


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

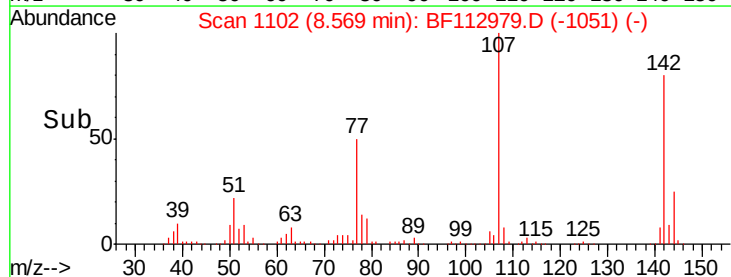
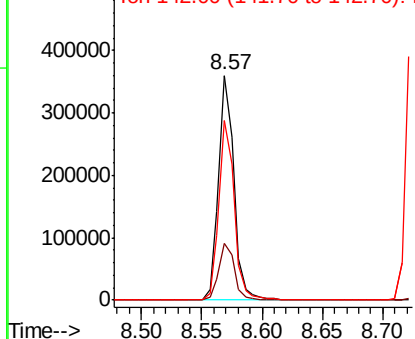


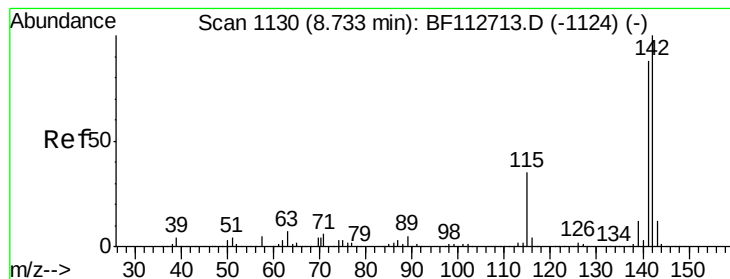
#36
 4-Chloro-3-methylphenol
 Concen: 41.265 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion:107 Resp: 314109
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.1 30.1
 142 79.8 61.9 92.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.659 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

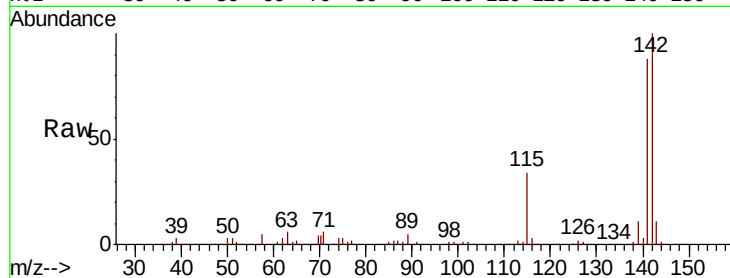
Tgt Ion:142 Resp: 657665

Ion Ratio Lower Upper

142 100

141 88.3 70.3 105.5

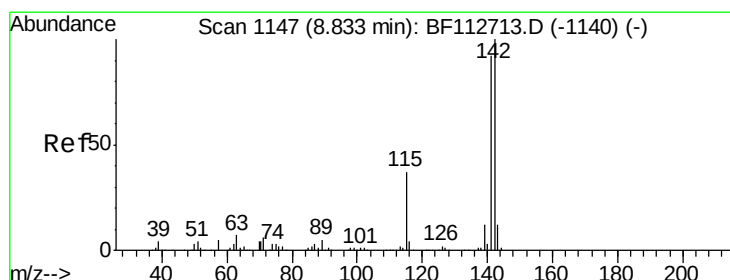
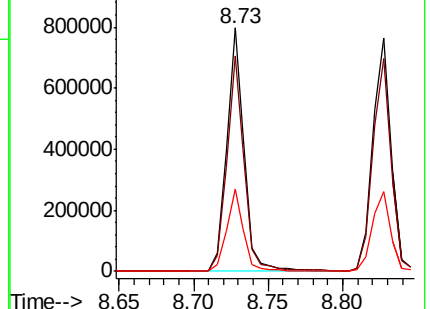
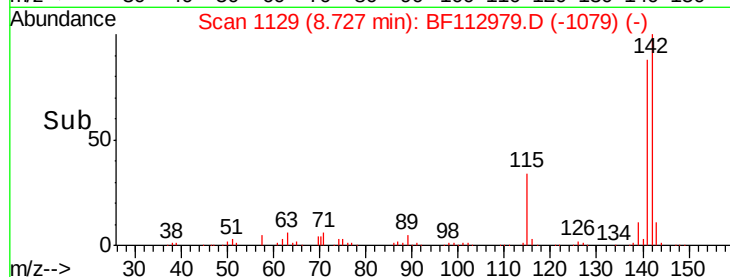
115 33.9 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.846 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

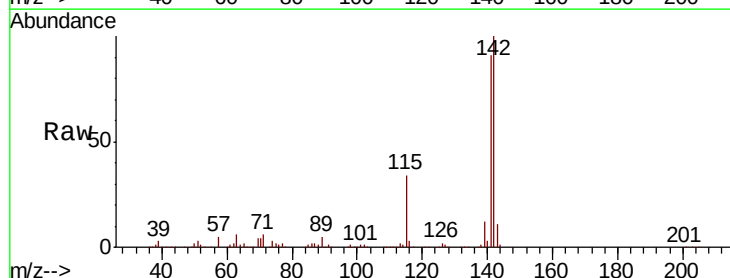
Tgt Ion:142 Resp: 639934

Ion Ratio Lower Upper

142 100

141 91.2 73.7 110.5

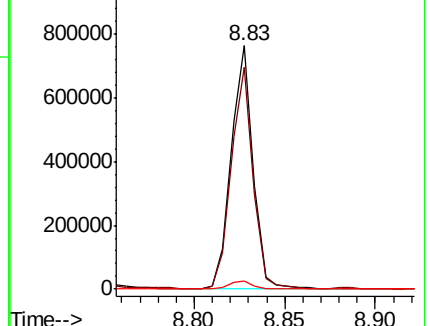
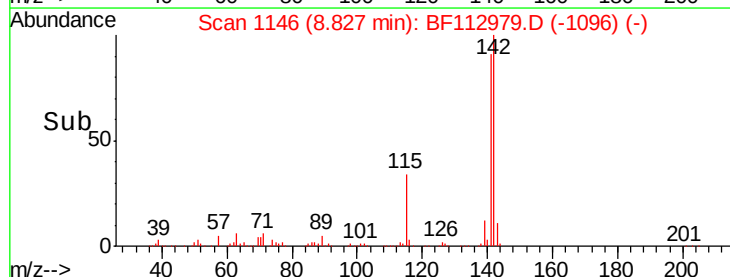
116 3.5 3.1 4.7

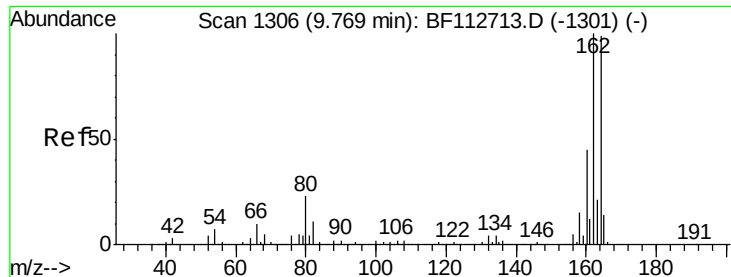


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

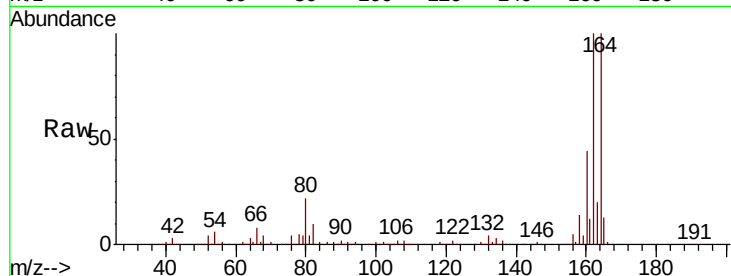




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	120.8
160	44.0	36.0	54.0

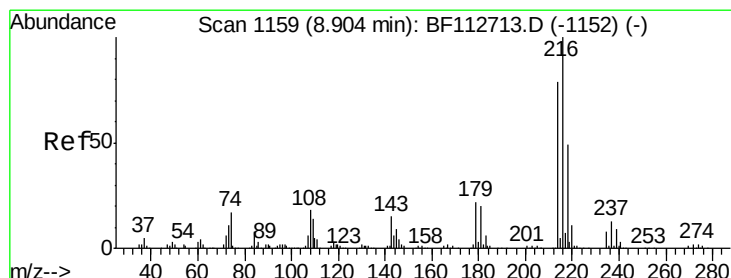
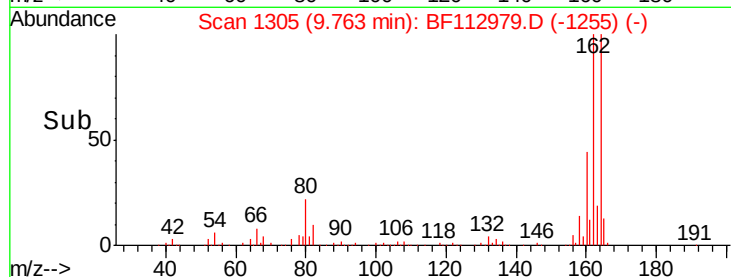
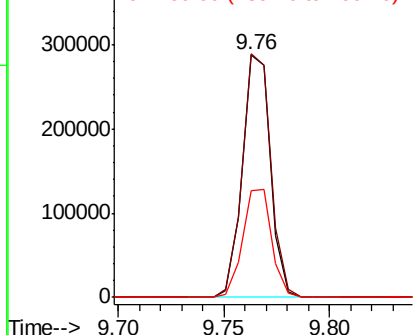


Abundance

Ion 164.00 (163.70 to 164.70): E

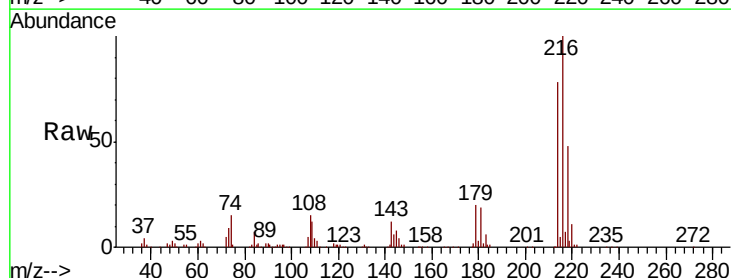
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.565 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.2	94.8
179	20.6	17.5	26.3
108	16.8	16.7	25.1



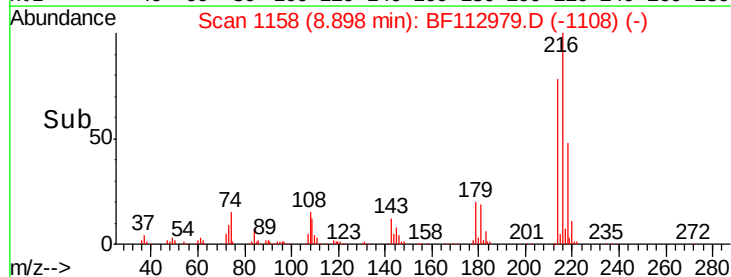
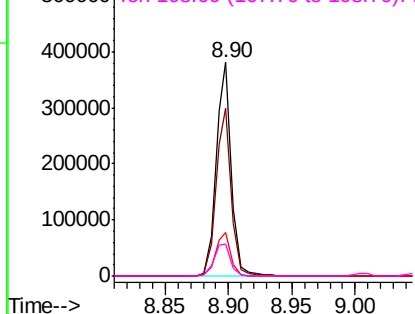
Abundance

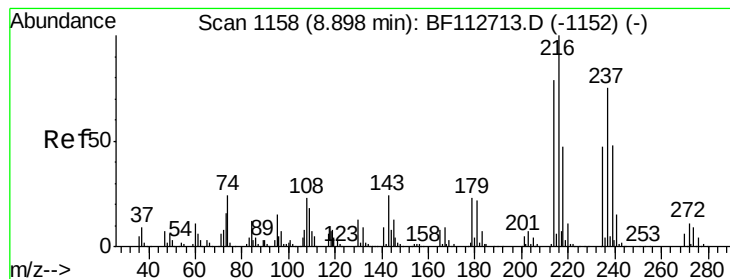
Ion 216.00 (215.70 to 216.70): E

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: 8.026 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

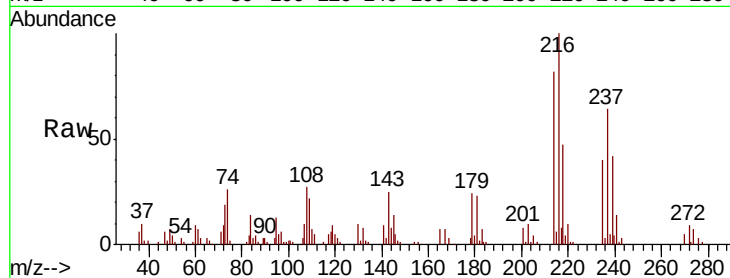
Tgt Ion: 237 Resp: 33802

Ion Ratio Lower Upper

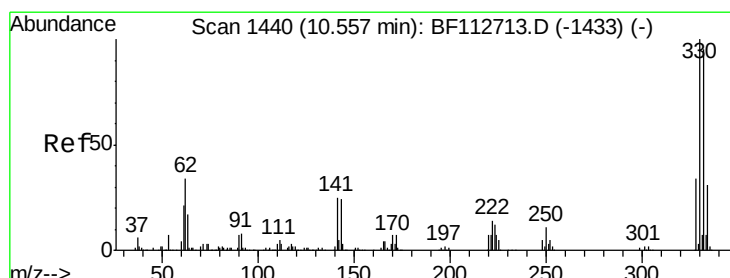
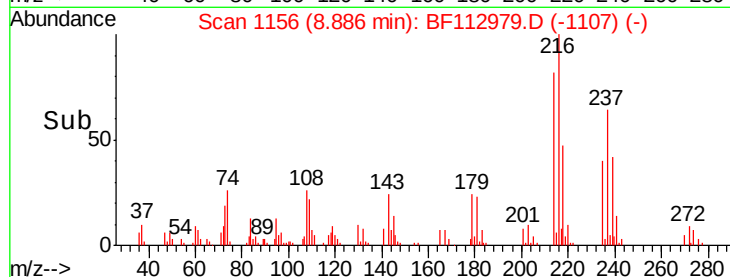
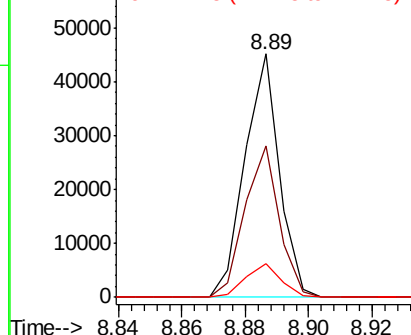
237 100

235 62.0 42.2 82.2

272 13.8 0.0 34.0



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: 100.147 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

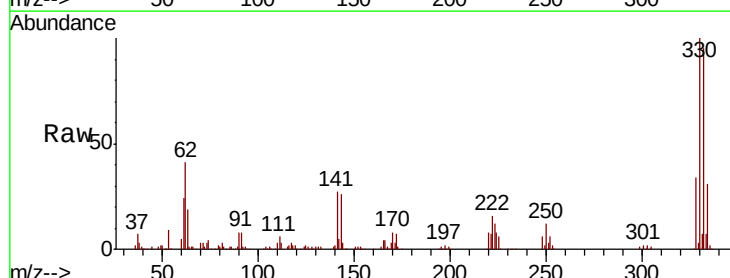
Tgt Ion: 330 Resp: 280408

Ion Ratio Lower Upper

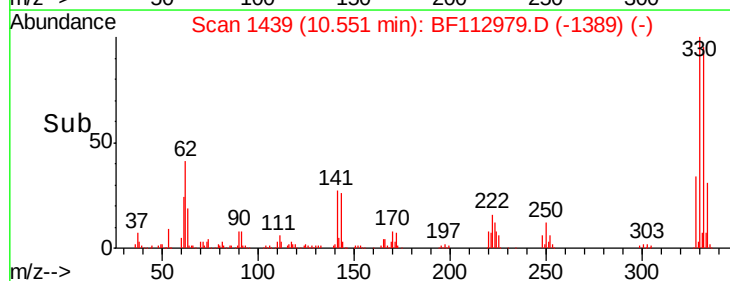
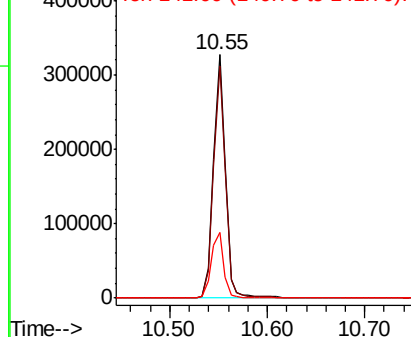
330 100

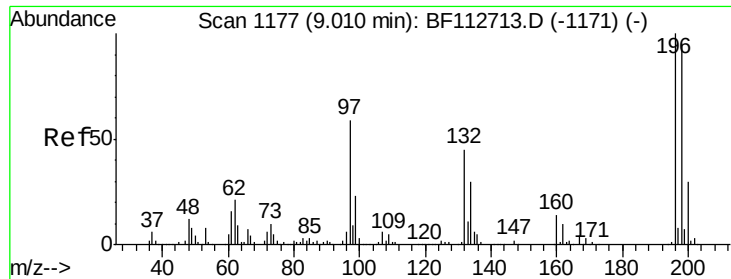
332 95.6 76.2 114.4

141 28.1 27.0 40.6



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

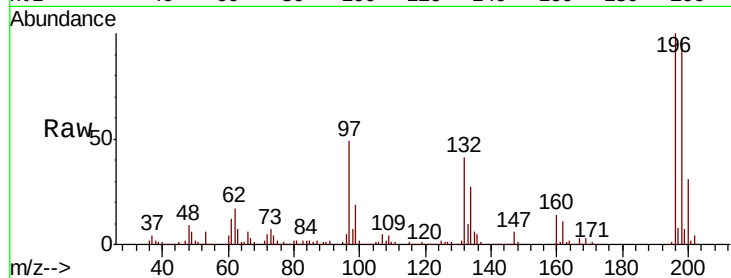




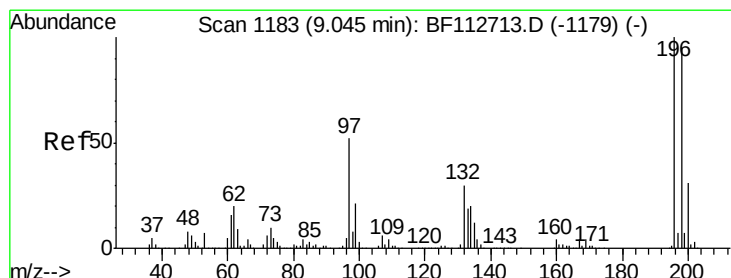
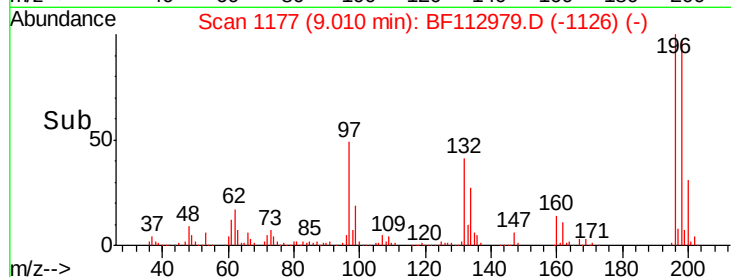
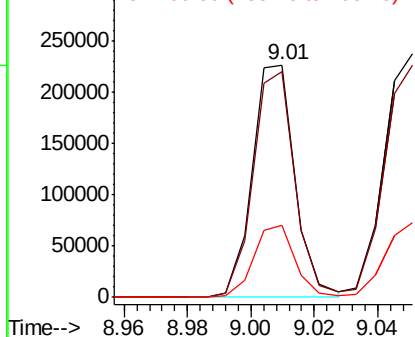
#43
 2,4,6-Trichlorophenol
 Concen: 39.874 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 211060
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.8 113.8
 200 30.9 24.3 36.5

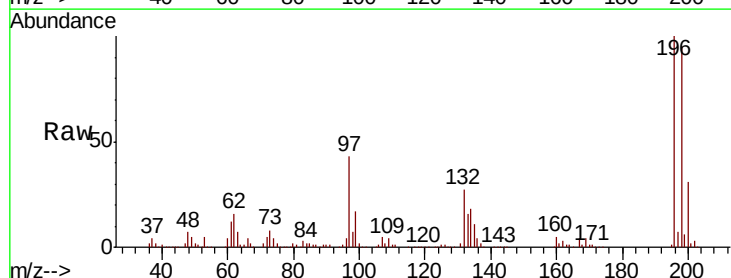


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

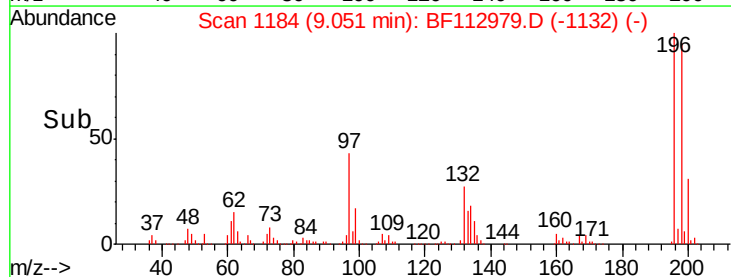
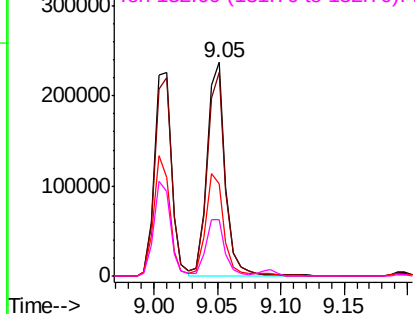


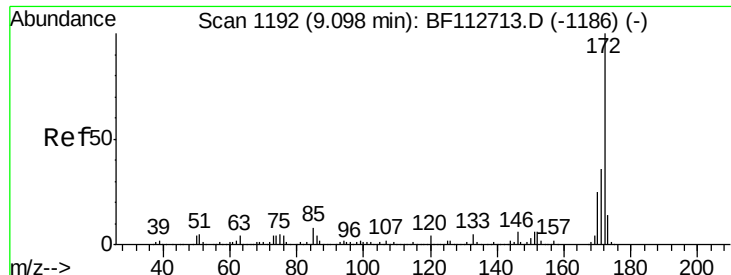
#44
 2,4,5-Trichlorophenol
 Concen: 41.634 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion:196 Resp: 238202
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.2 114.2
 97 43.3 41.5 62.3
 132 26.5 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

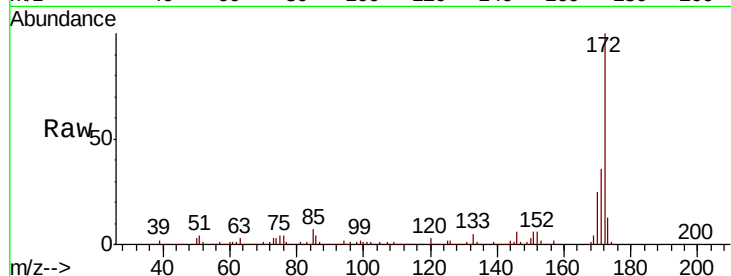




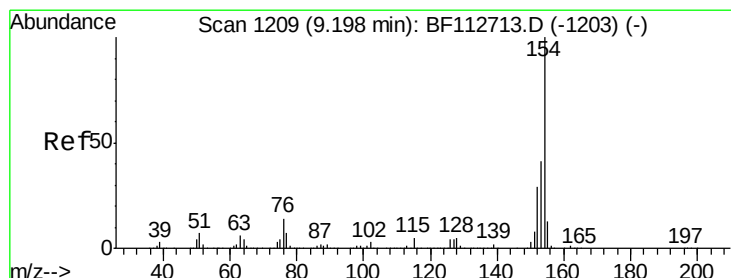
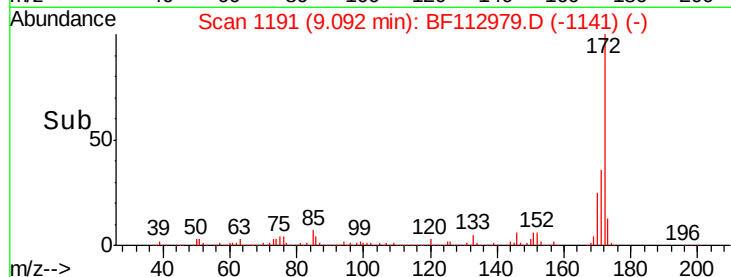
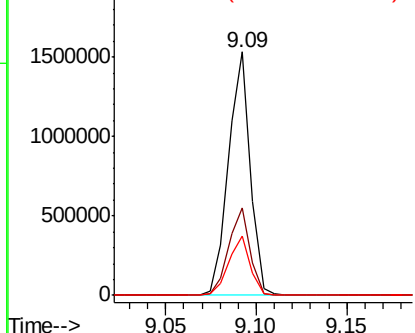
#45
2-Fluorobiphenyl
Concen: 79.418 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1286351
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.6 20.0 30.0

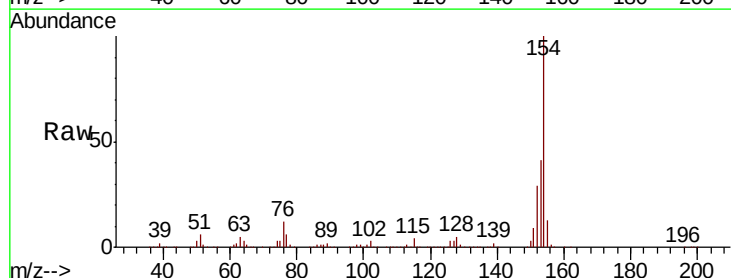


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

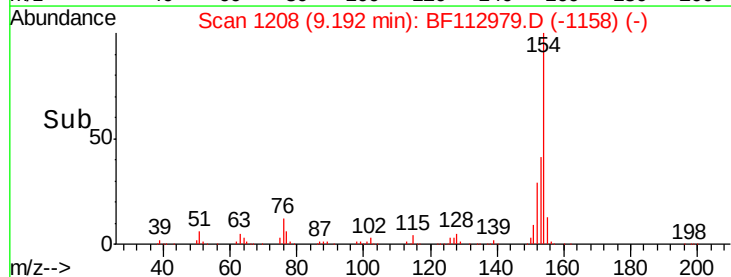
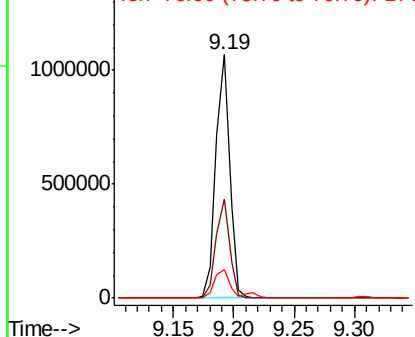


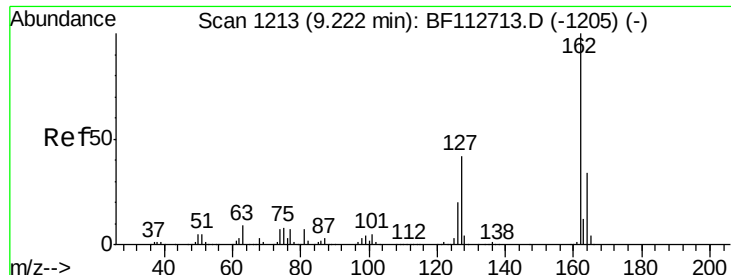
#46
1,1'-Biphenyl
Concen: 39.121 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion:154 Resp: 841592
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 12.0 0.0 33.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

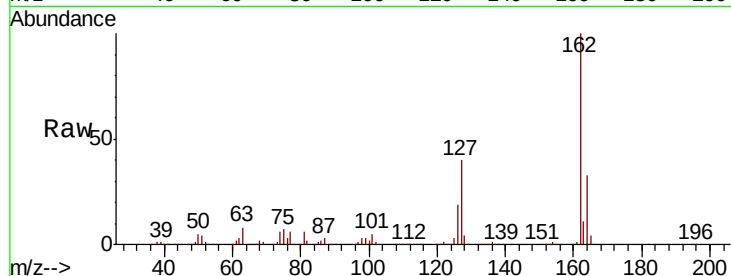




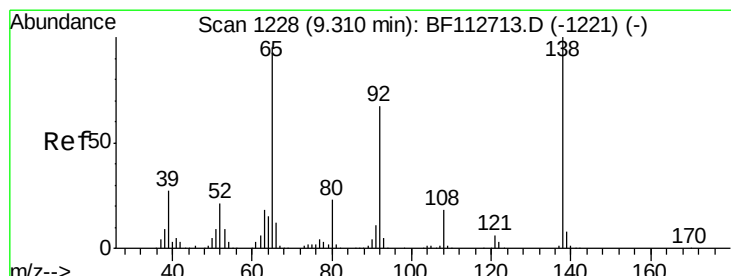
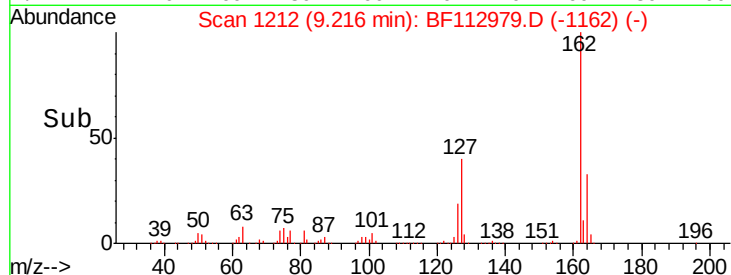
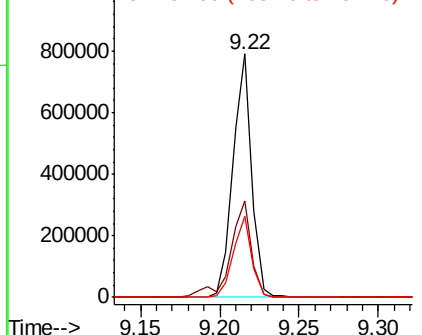
#47
2-Chloronaphthalene
Concen: 38.357 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 162 Resp: 644309
Ion Ratio Lower Upper
162 100
127 39.6 33.4 50.2
164 33.1 26.9 40.3

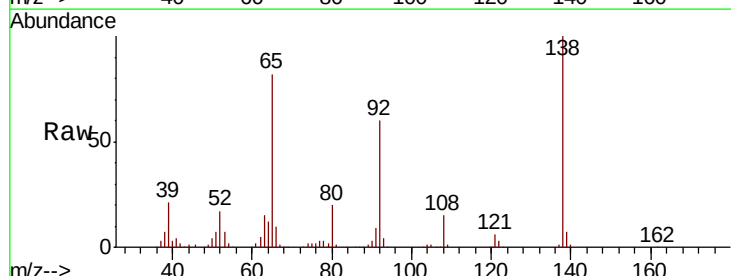


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

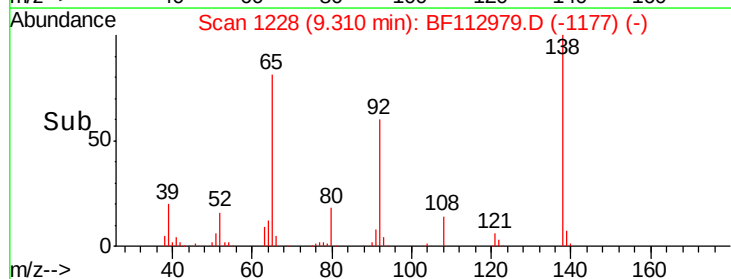
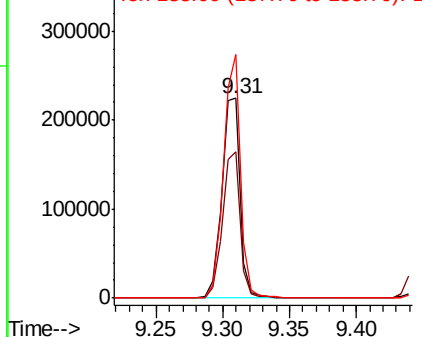


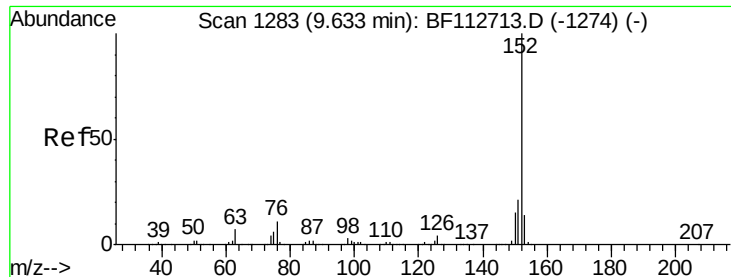
#48
2-Nitroaniline
Concen: 42.625 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion: 65 Resp: 217631
Ion Ratio Lower Upper
65 100
92 73.6 56.4 84.6
138 122.0 84.6 126.8



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





#49

Acenaphthylene

Concen: 38.700 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

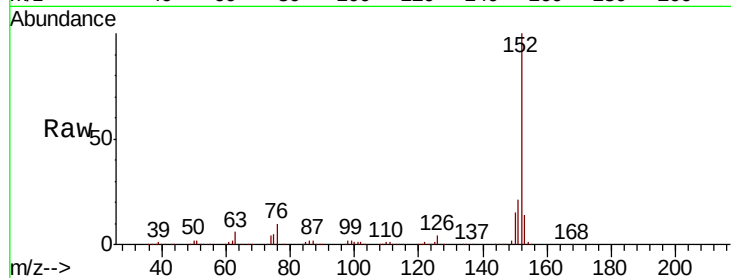
Tgt Ion:152 Resp: 1103587

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

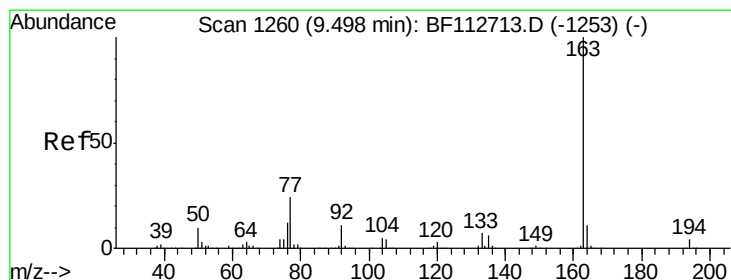
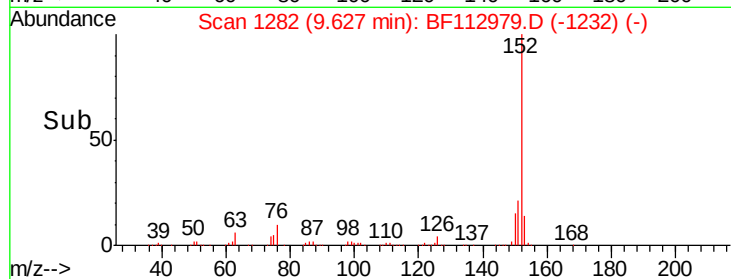
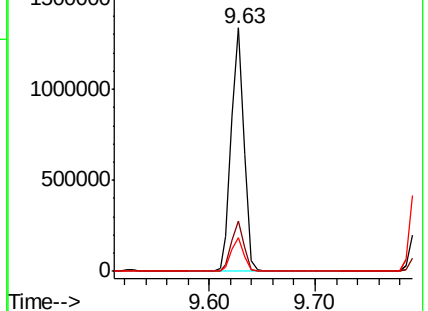
153 13.7 11.0 16.6



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: 38.818 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

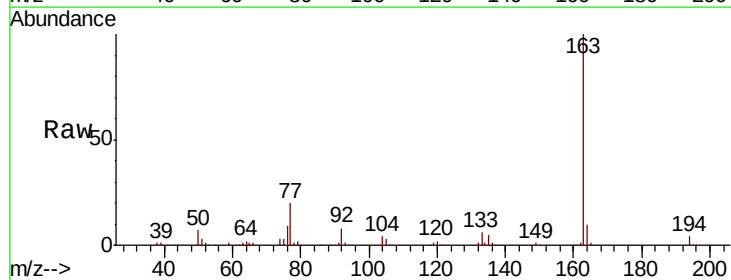
Tgt Ion:163 Resp: 754900

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

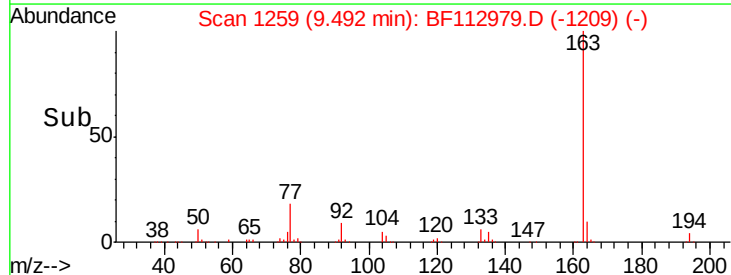
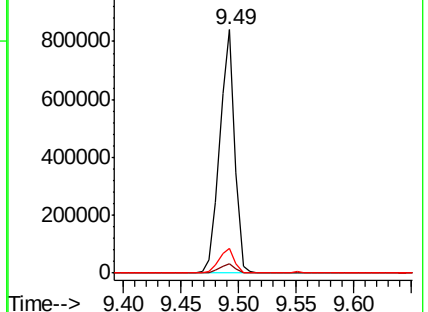
164 10.2 8.4 12.6

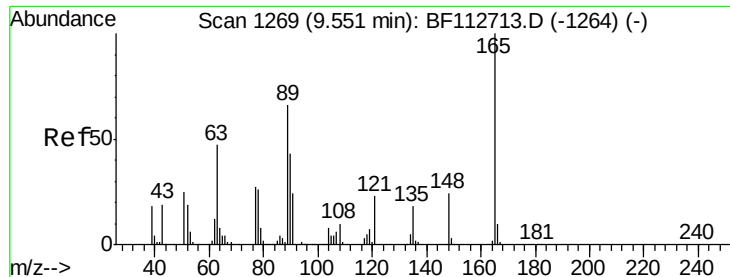


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.645 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

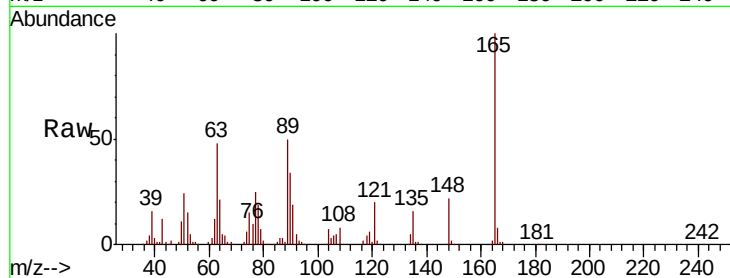
Tgt Ion:165 Resp: 172697

Ion Ratio Lower Upper

165 100

63 47.5 54.1 81.1#

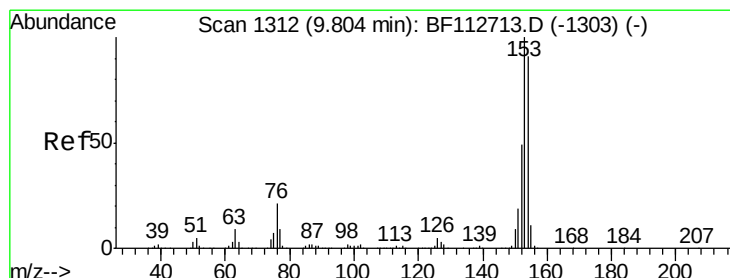
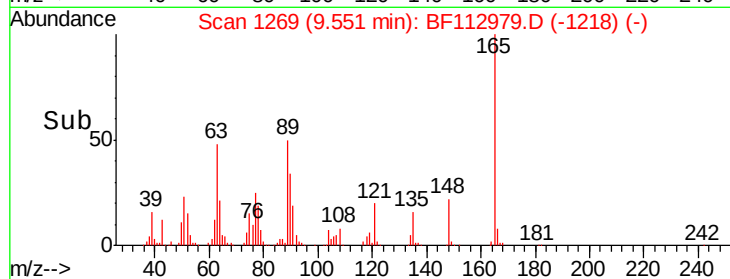
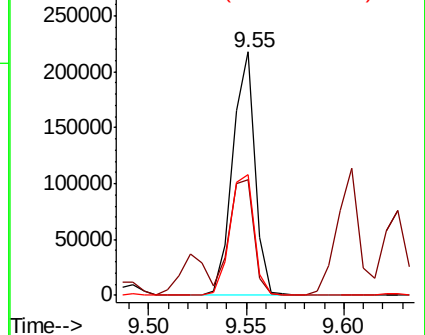
89 49.8 52.8 79.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.621 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

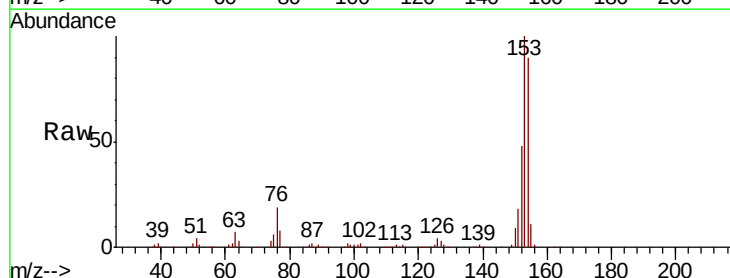
Tgt Ion:154 Resp: 627373

Ion Ratio Lower Upper

154 100

153 111.3 87.8 131.8

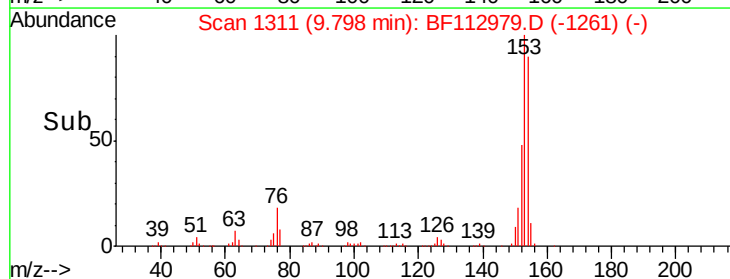
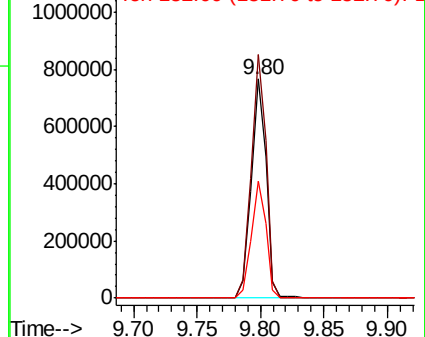
152 53.6 43.0 64.6

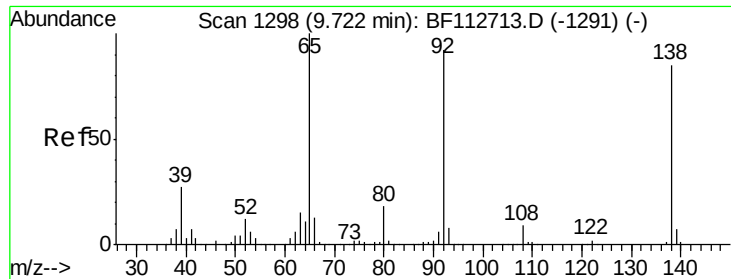


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

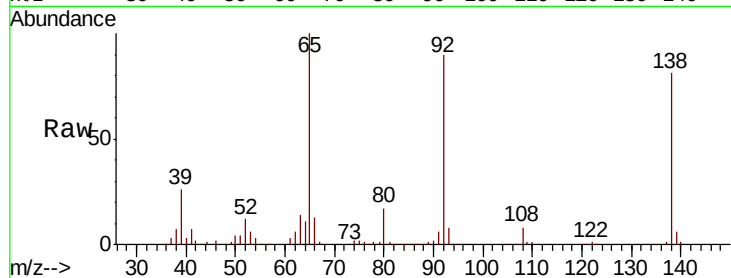




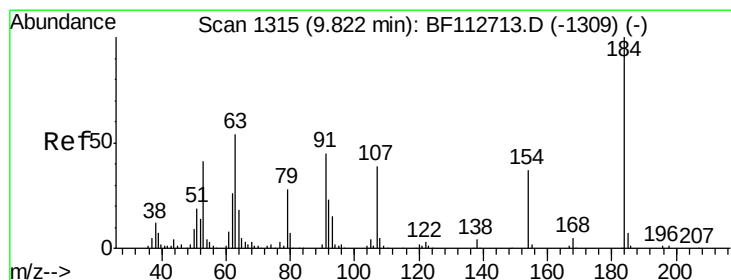
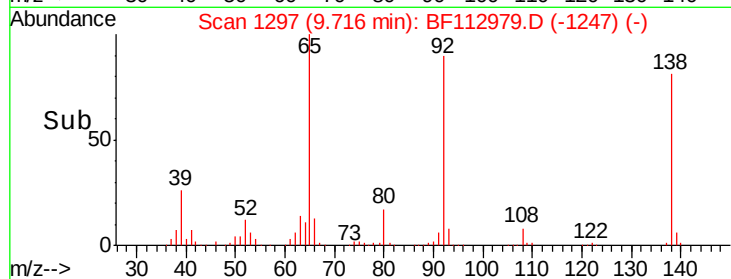
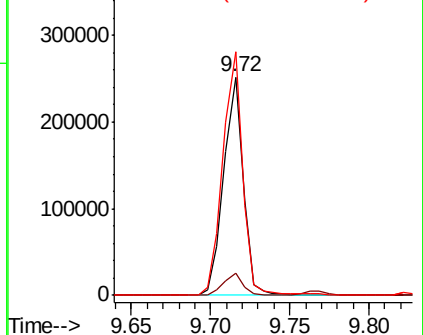
#53
 3-Nitroaniline
 Concen: 44.026 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:138 Resp: 217251
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.6 13.0
 92 111.7 86.6 129.8

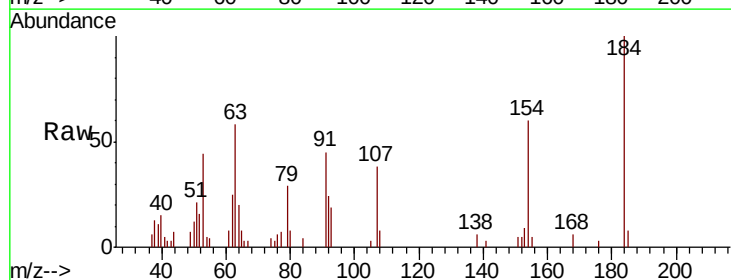


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

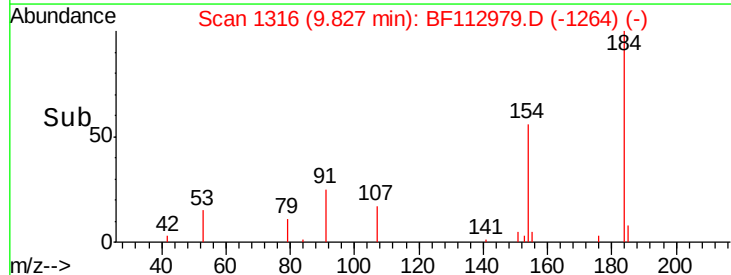
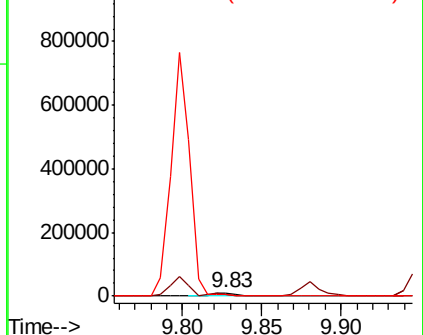


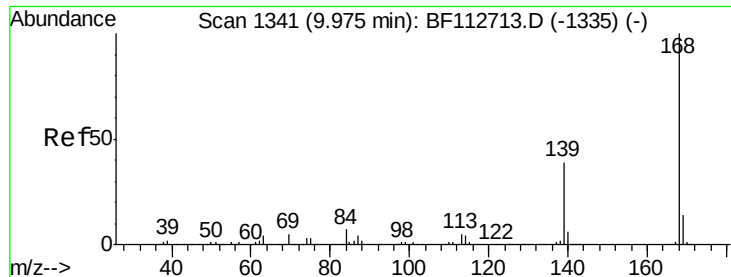
#54
 2,4-Dinitrophenol
 Concen: 13.640 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion:184 Resp: 12950
 Ion Ratio Lower Upper
 184 100
 63 57.9 45.3 67.9
 154 59.9 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

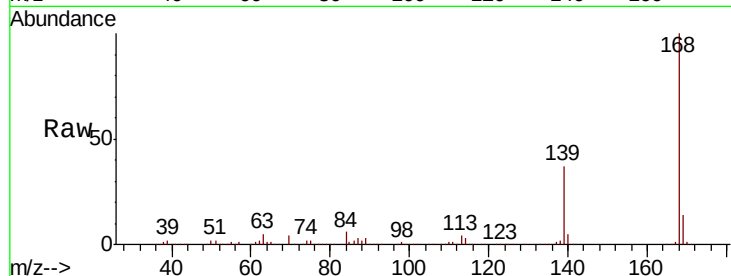




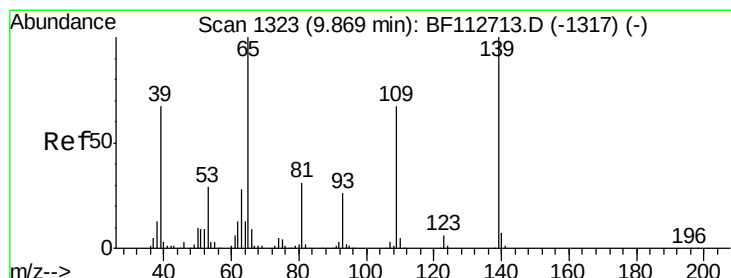
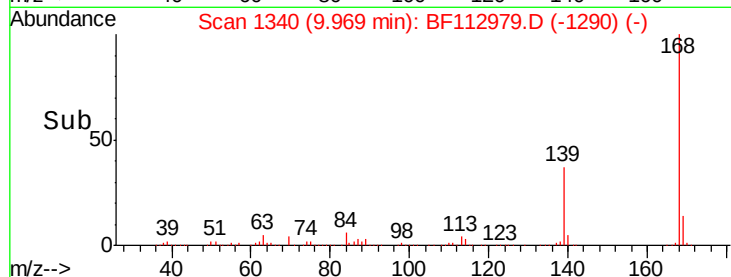
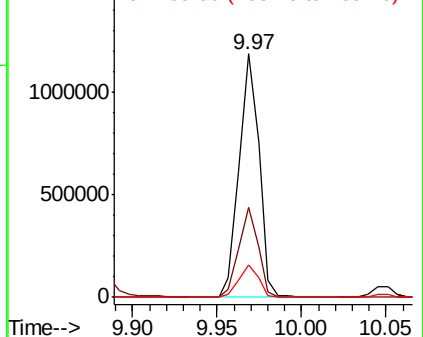
#55
Dibenzofuran
Concen: 40.197 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 974254
Ion Ratio Lower Upper
168 100
139 36.9 31.3 46.9
169 13.6 11.3 16.9

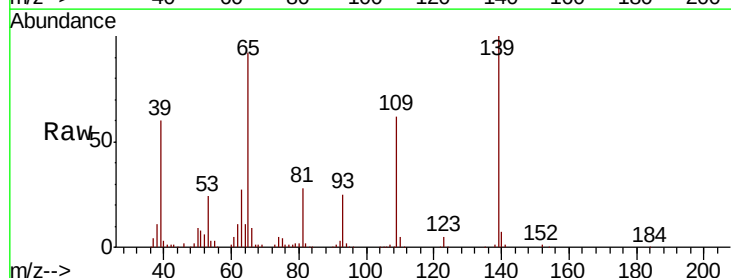


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

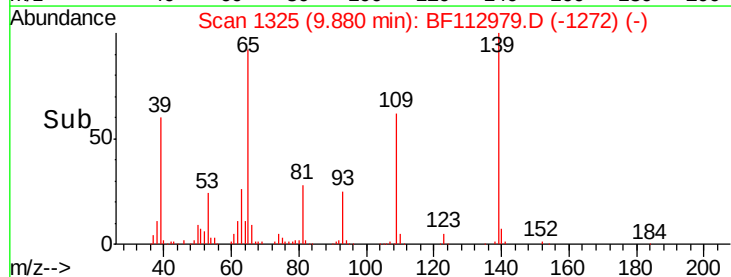
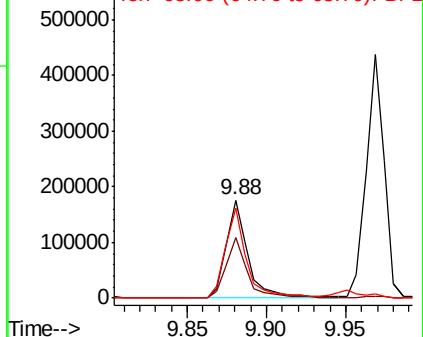


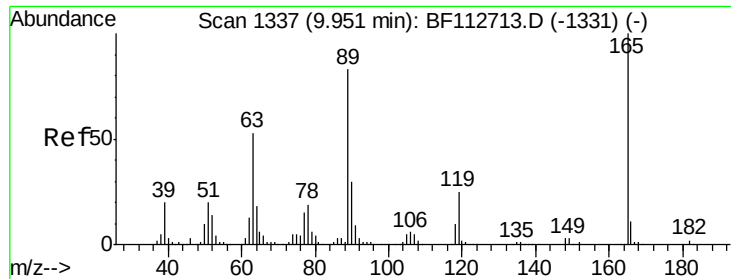
#56
4-Nitrophenol
Concen: 41.971 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion:139 Resp: 168323
Ion Ratio Lower Upper
139 100
109 62.3 46.8 86.8
65 92.2 80.7 120.7



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

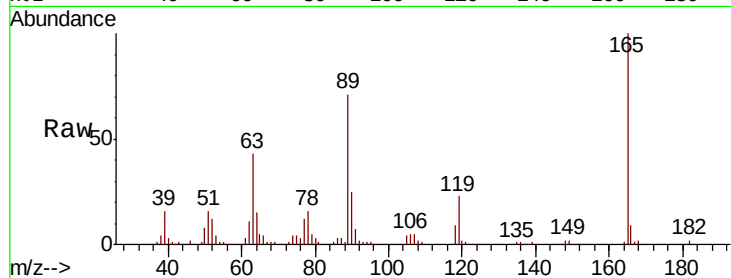




#57
2,4-Dinitrotoluene
Concen: 48.019 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.8	42.2	63.2
89	71.4	66.2	99.4
182	2.4	1.8	2.6



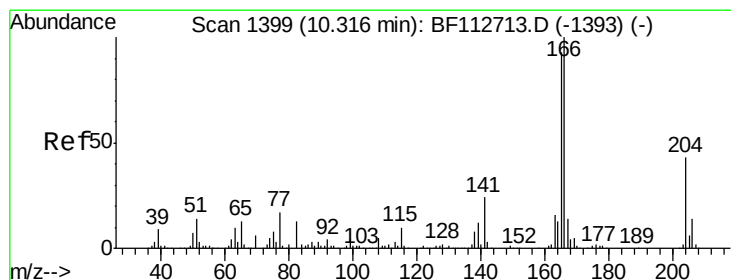
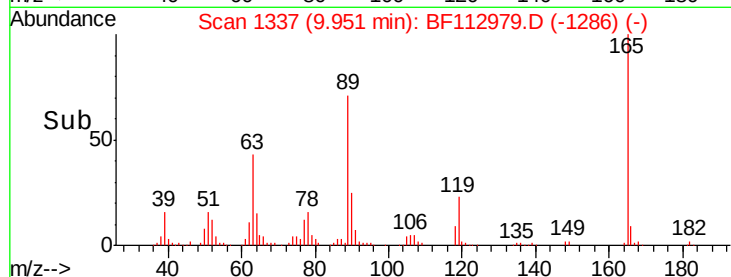
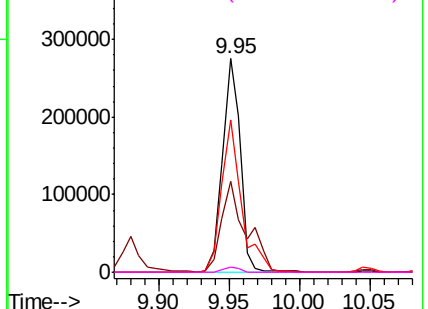
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

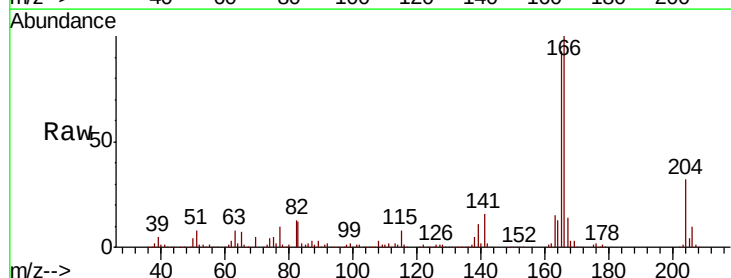
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.581 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.9	74.7	112.1
167	13.6	11.0	16.6

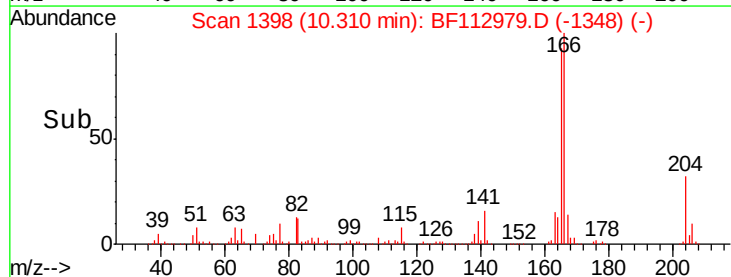
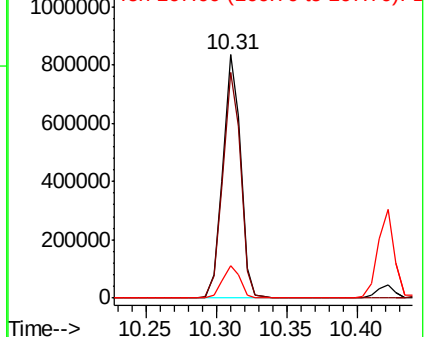


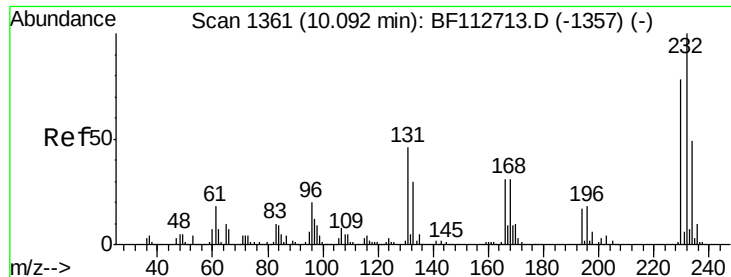
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

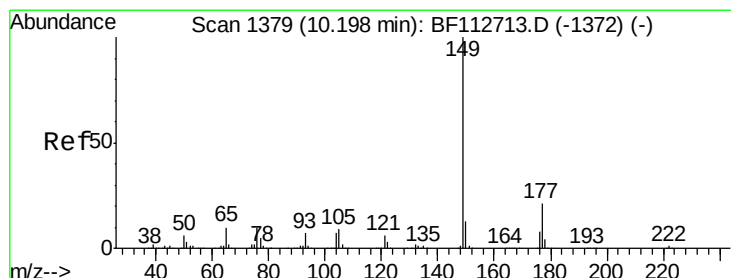
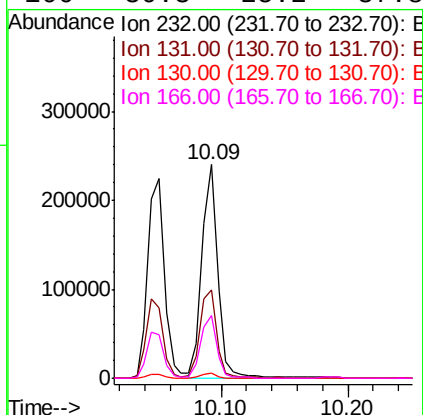
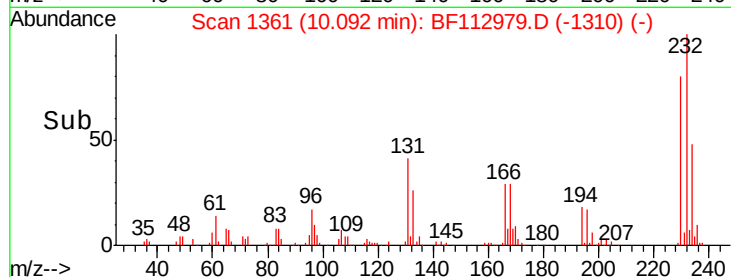
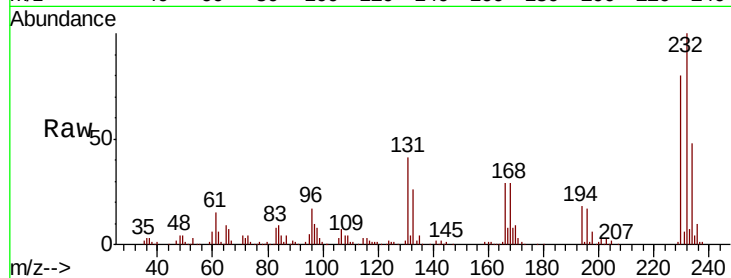




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.805 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

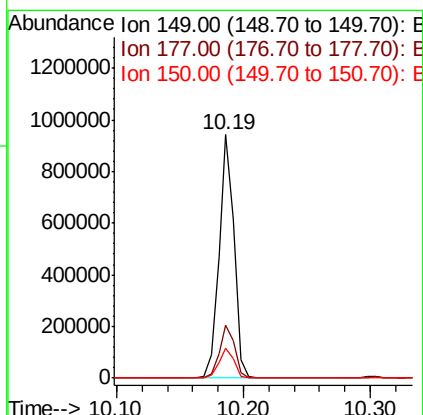
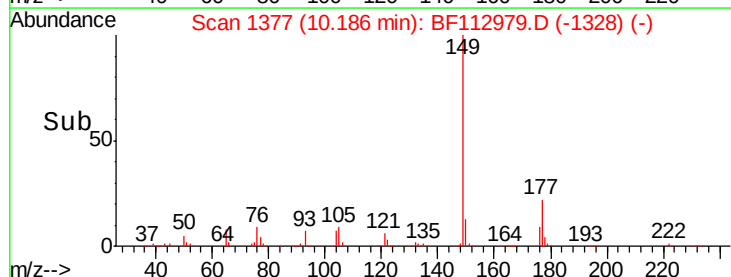
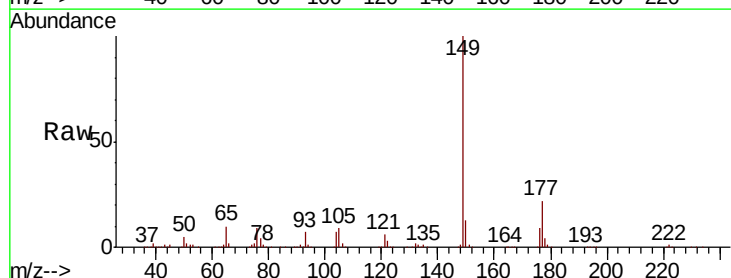
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

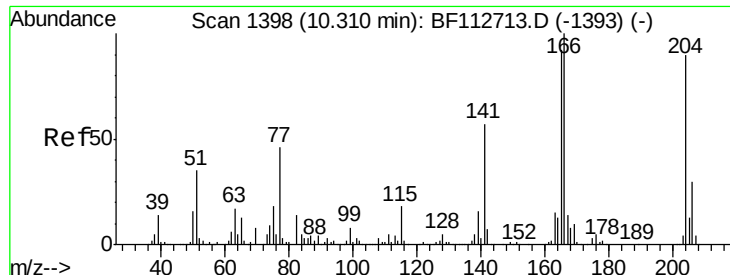
Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.4	38.7	58.1
130	2.2	1.9	2.9
166	30.3	25.2	37.8



#60
Diethylphthalate
Concen: 38.267 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.5	10.0	15.0

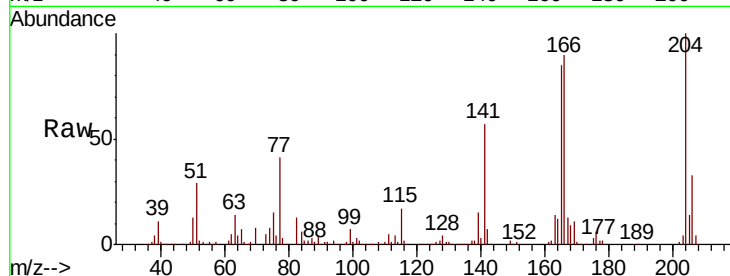




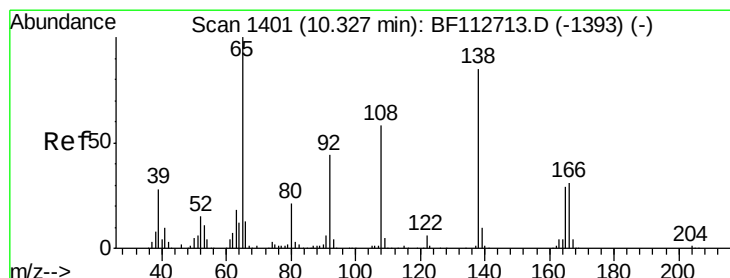
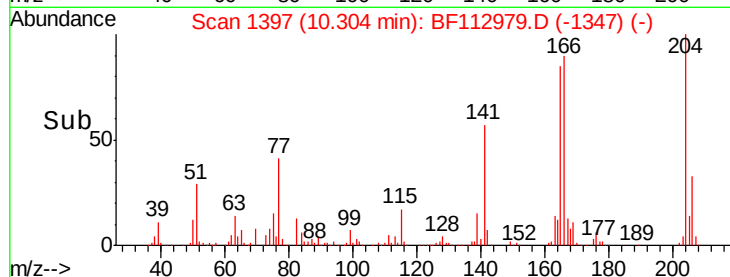
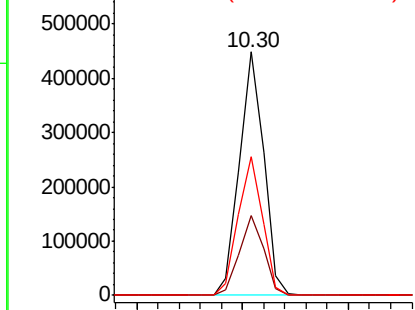
#61
4-Chlorophenyl-phenylether
Concen: 44.746 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 204 Resp: 358133
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 57.2 50.8 76.2

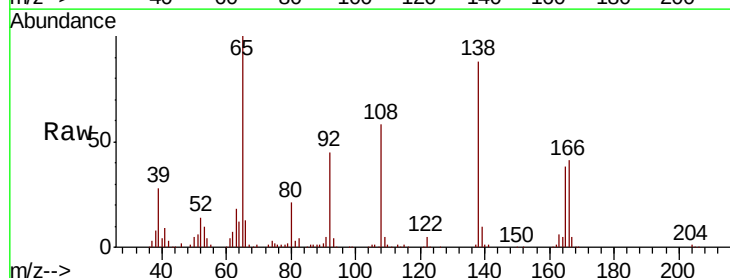


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

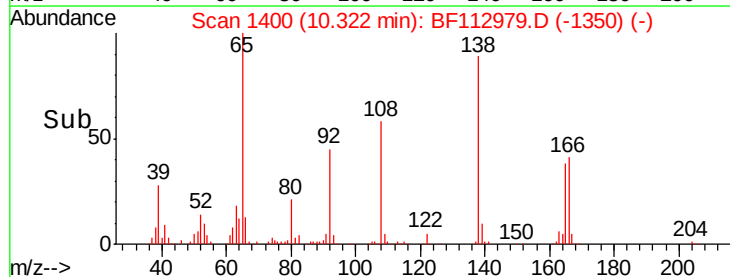
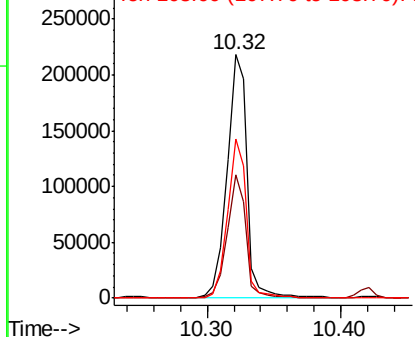


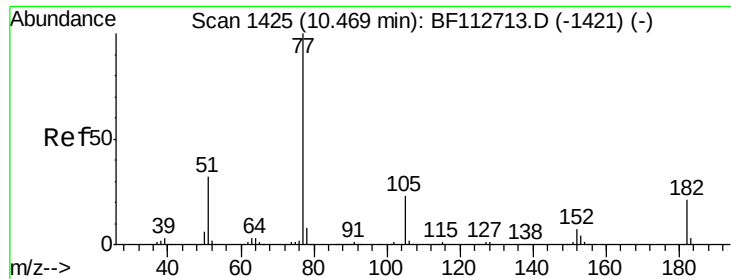
#62
4-Nitroaniline
Concen: 50.227 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion: 138 Resp: 229026
Ion Ratio Lower Upper
138 100
92 50.7 31.3 71.3
108 65.6 48.1 88.1



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





#63

Azobenzene

Concen: 37.139 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 781324

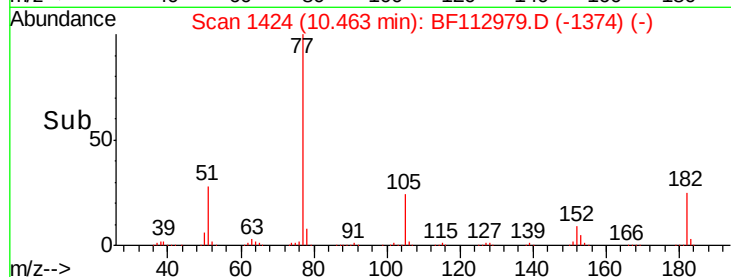
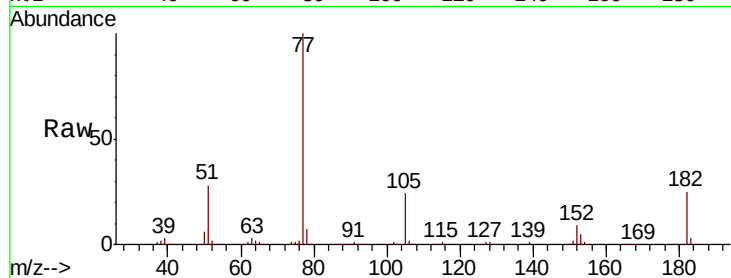
Ion Ratio Lower Upper

77 100

182 25.1 1.4 41.4

105 23.7 2.6 42.6

51 28.5 12.0 52.0

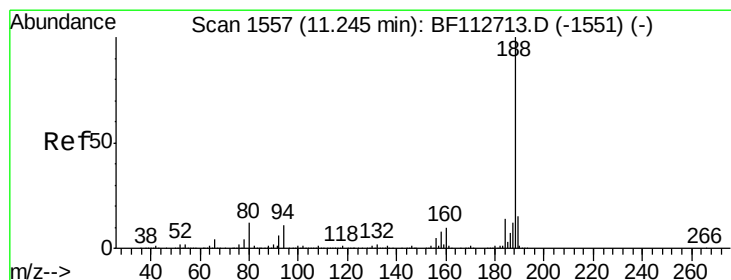
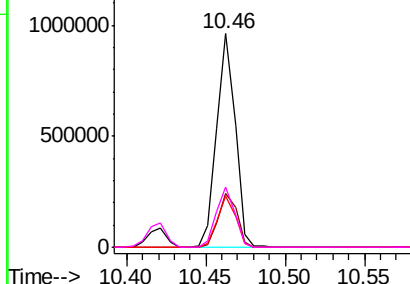


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

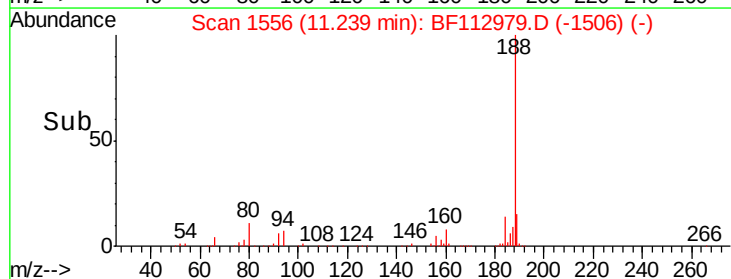
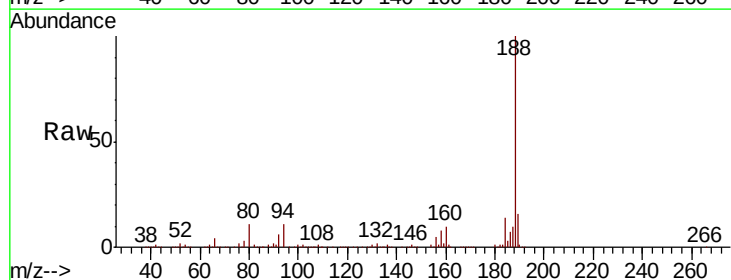
Tgt Ion: 188 Resp: 567134

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.4

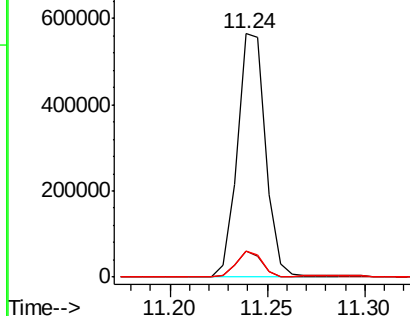
80 10.9 9.2 13.8

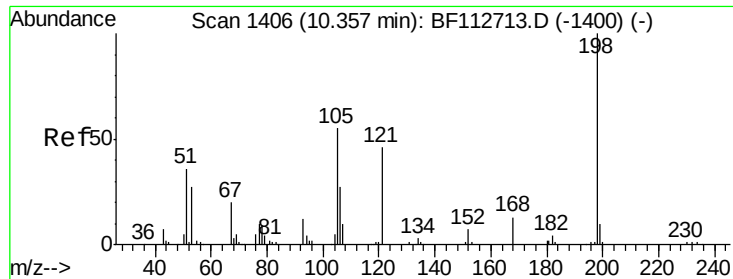


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

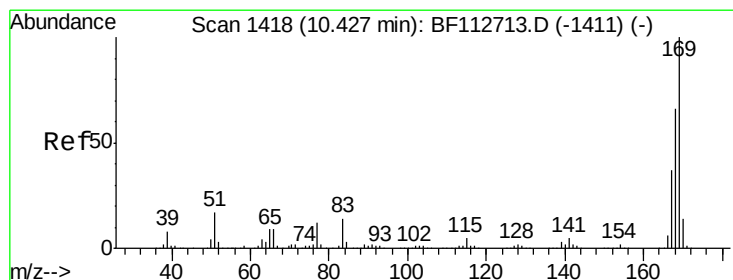
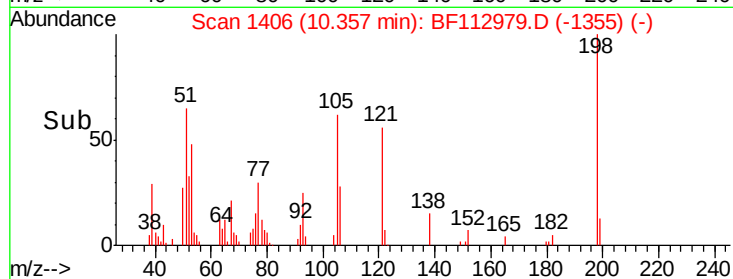
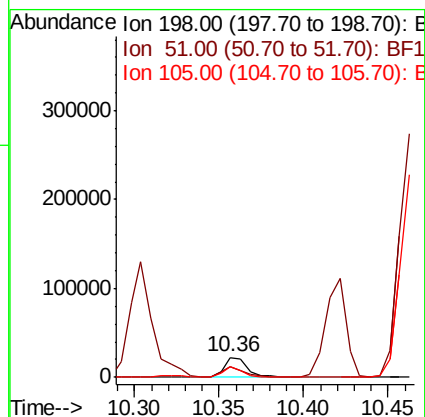
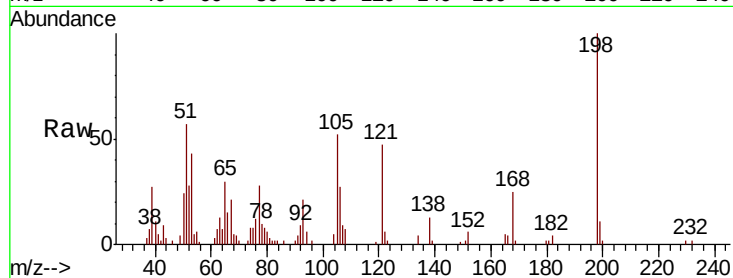




#65
 4,6-Dinitro-2-methylphenol
 Concen: 13.231 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

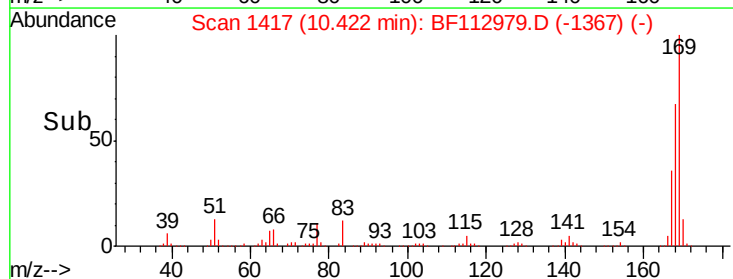
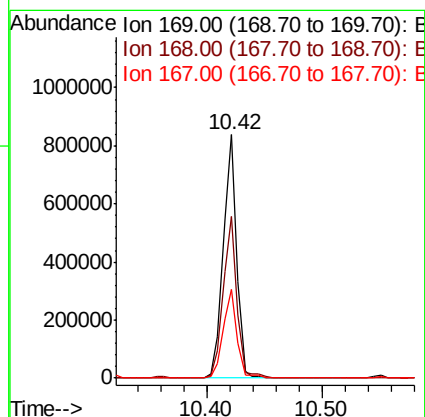
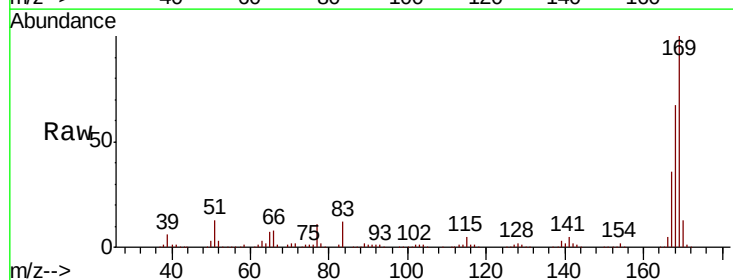
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

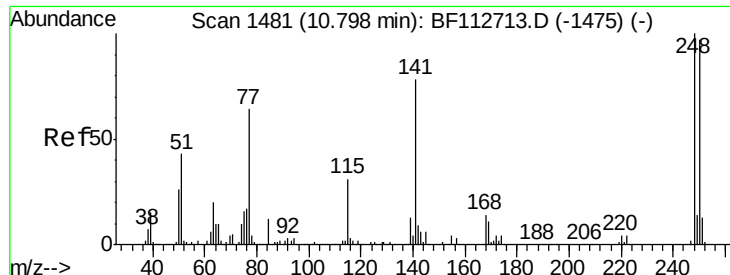
Tgt Ion:198 Resp: 22219
 Ion Ratio Lower Upper
 198 100
 51 56.5 43.8 83.8
 105 51.7 36.5 76.5



#66
 n-Nitrosodiphenylamine
 Concen: 37.330 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion:169 Resp: 678972
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.0 79.6
 167 36.2 29.3 43.9

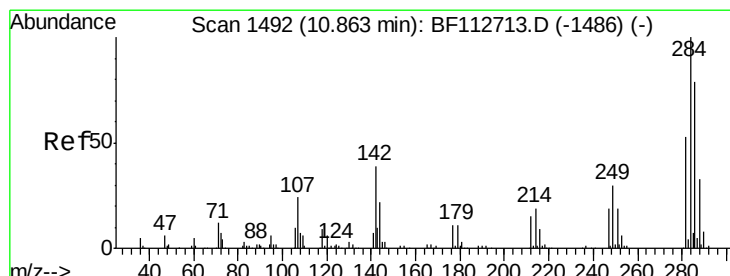
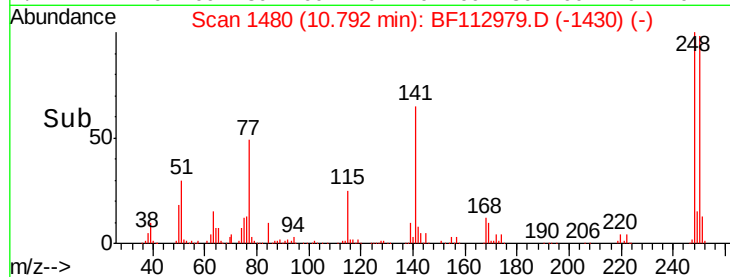
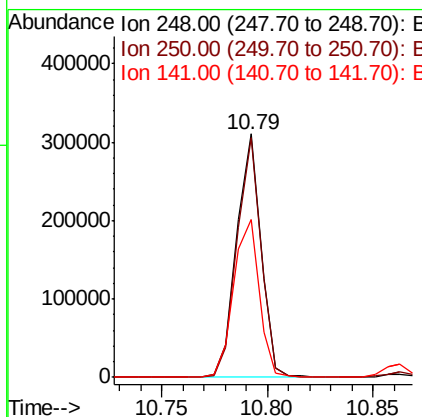
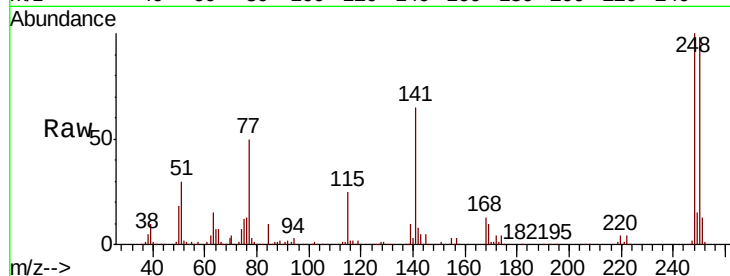




#67
 4-Bromophenyl-phenylether
 Concen: 41.413 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

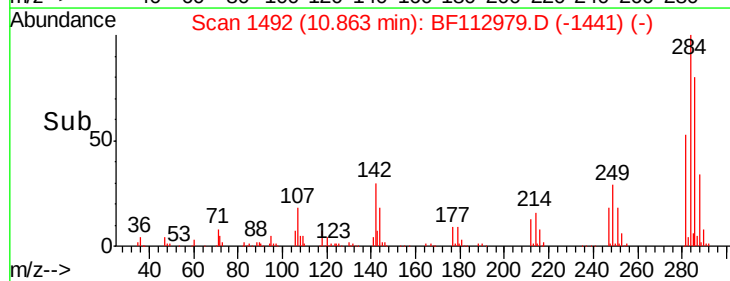
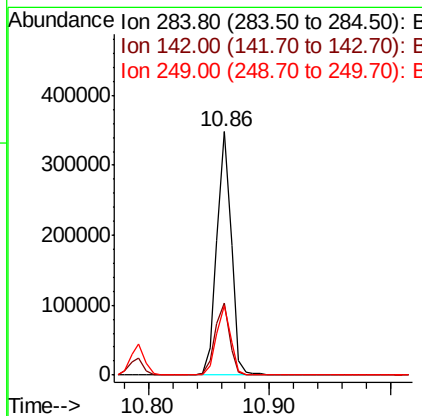
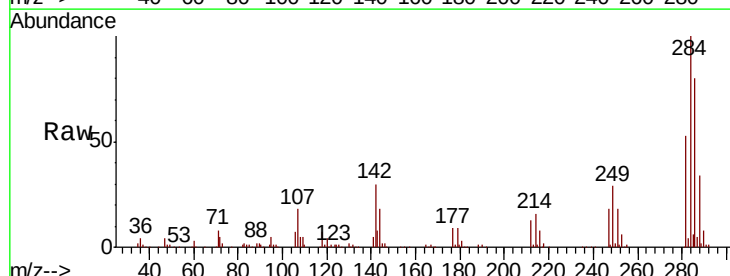
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

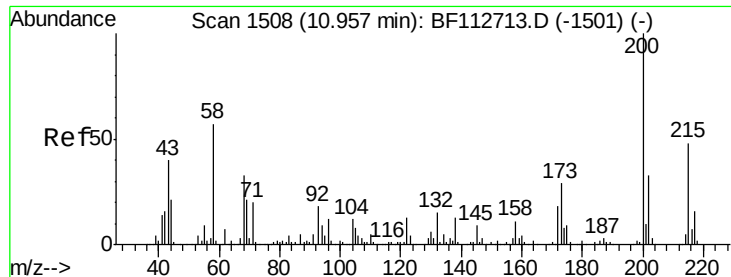
Tgt Ion:	248	Resp:	247384
Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.5	116.3
141	64.6	62.4	93.6



#68
 Hexachlorobenzene
 Concen: 42.228 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion:	284	Resp:	284355
Ion	Ratio	Lower	Upper
284	100		
142	29.9	31.0	46.6#
249	28.8	23.6	35.4

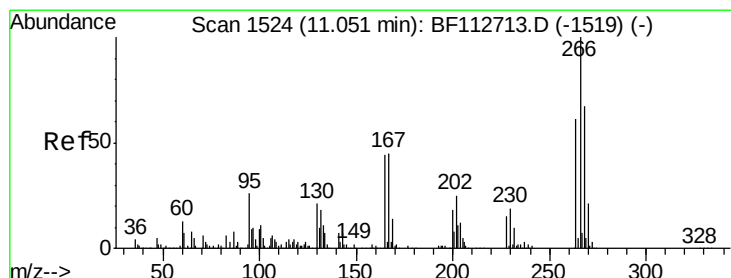
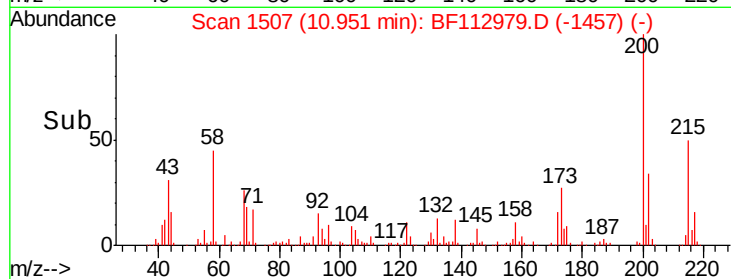
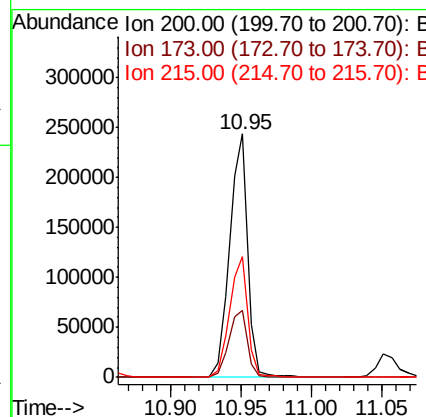
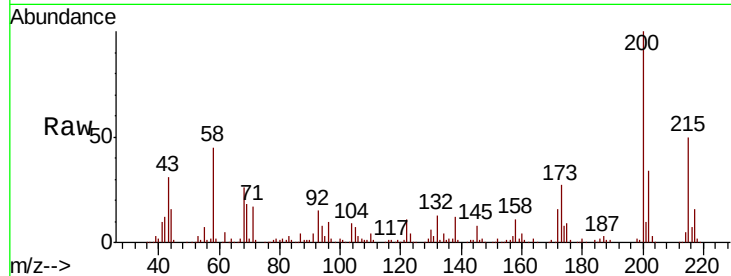




#69
 Atrazine
 Concen: 38.656 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

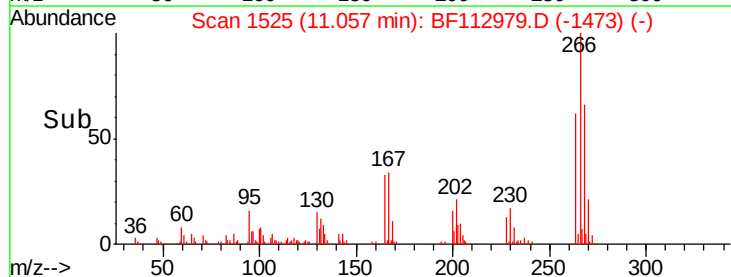
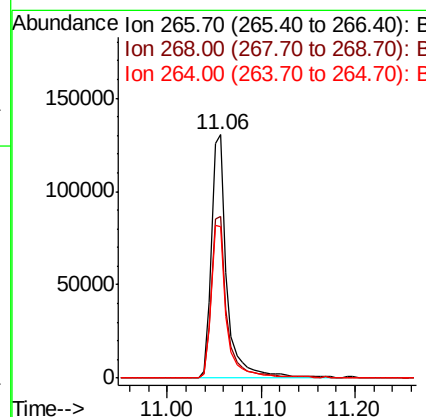
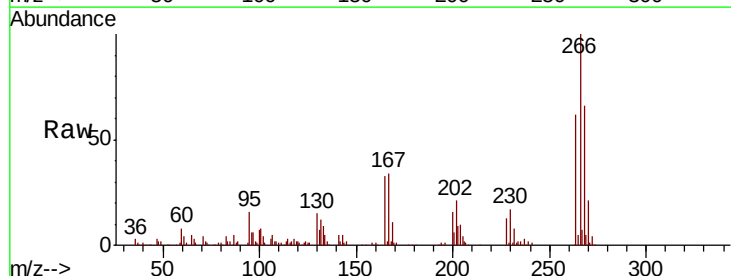
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

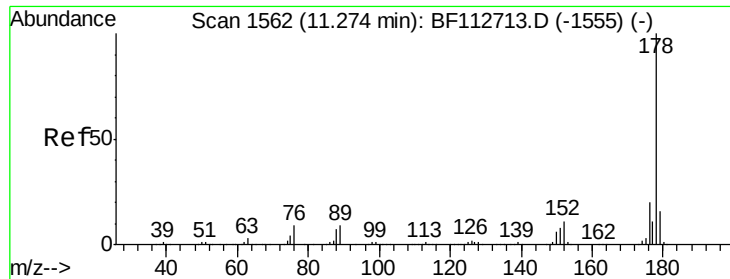
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.3	9.1	49.1
215	49.6	28.2	68.2



#70
 Pentachlorophenol
 Concen: 38.519 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	53.3	79.9
264	62.2	48.9	73.3

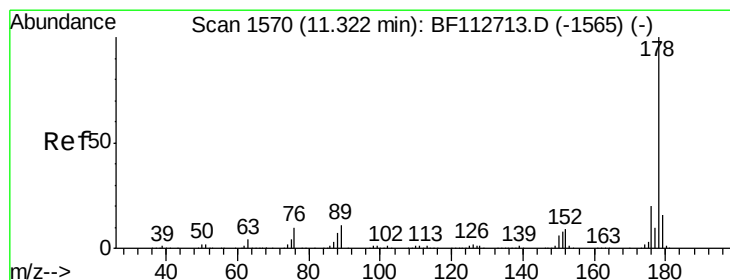
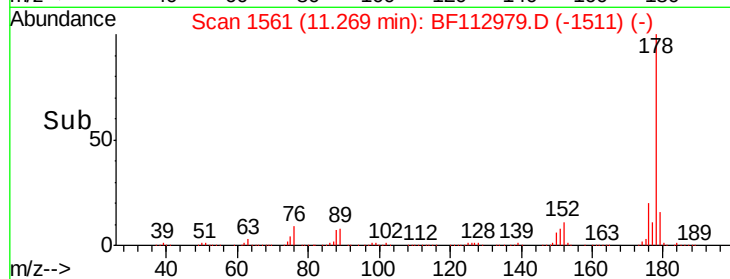
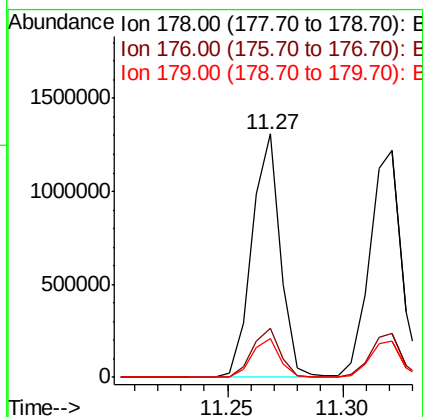
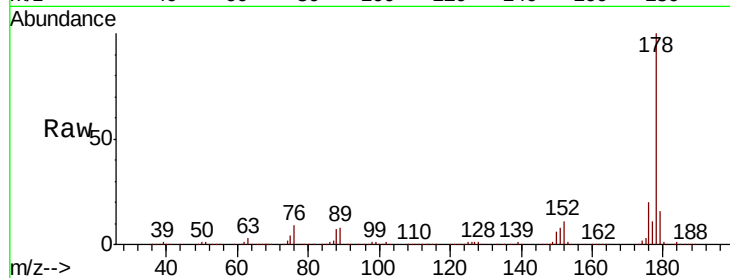




#71
 Phenanthrene
 Concen: 40.058 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

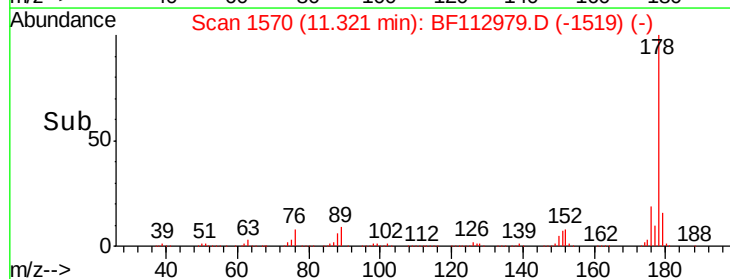
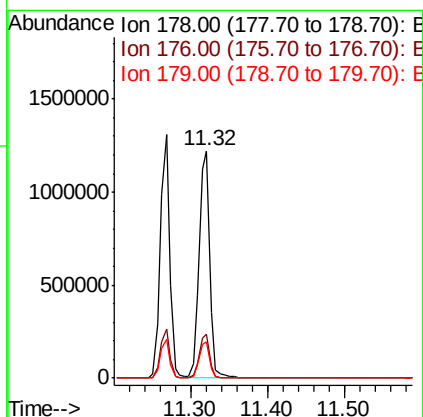
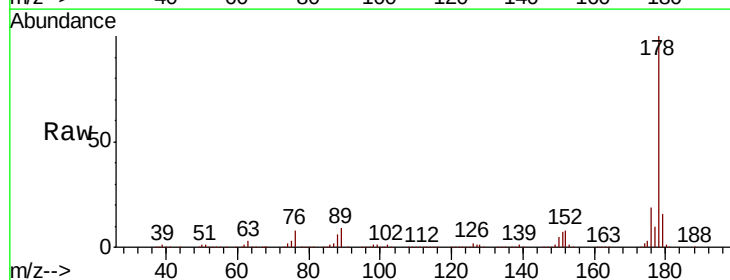
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

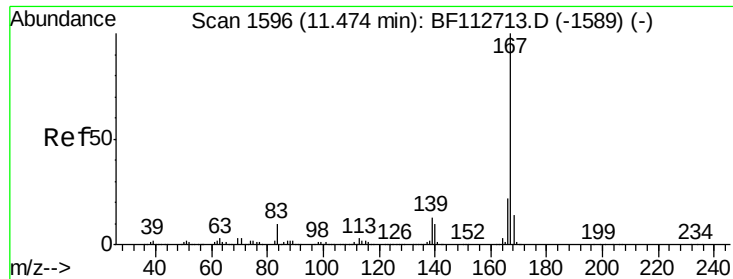
Tgt Ion:178 Resp: 1130327
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.3 24.5
 179 16.0 12.7 19.1



#72
 Anthracene
 Concen: 39.995 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion:178 Resp: 1181337
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.6
 179 15.7 13.0 19.6

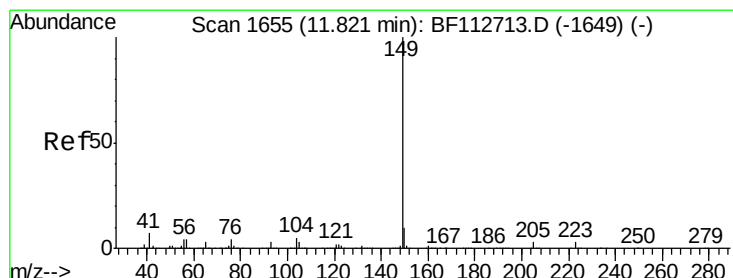
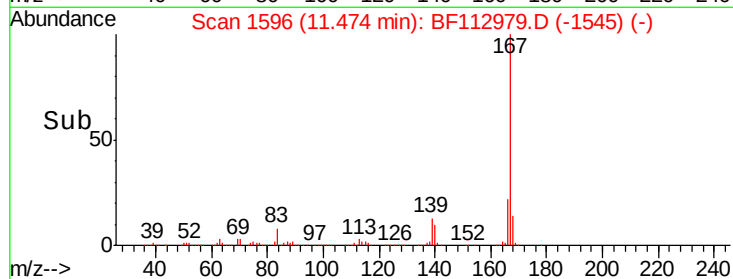
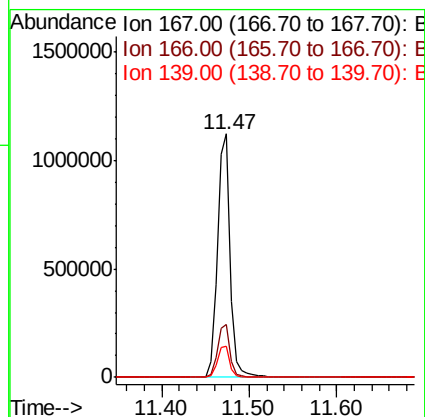
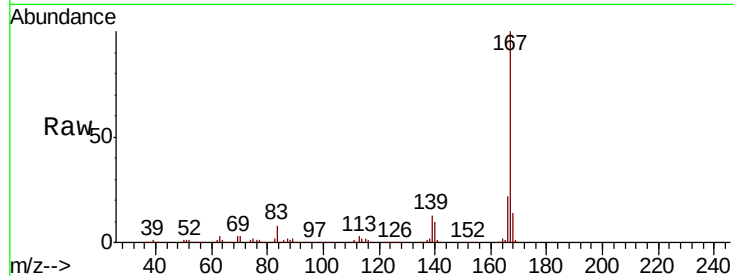




#73
 Carbazole
 Concen: 38.941 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

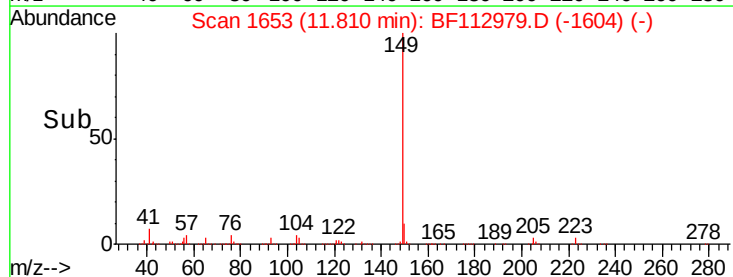
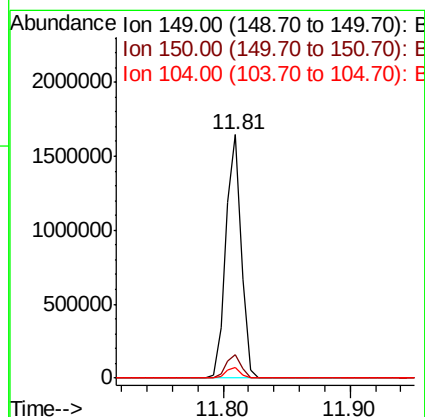
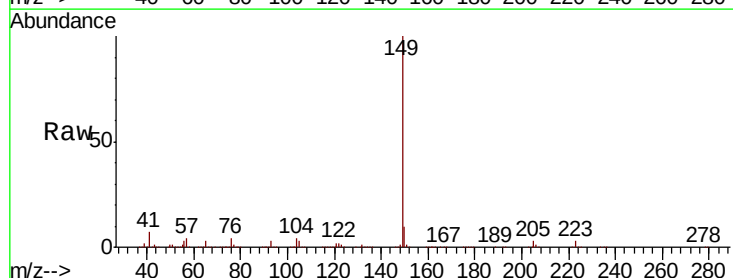
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

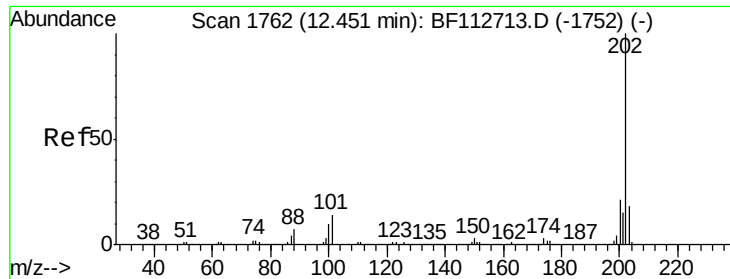
Tgt Ion:167 Resp: 1122049
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 12.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 40.347 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion:149 Resp: 1393942
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.3 3.7 5.5





#75

Fluoranthene

Concen: 38.415 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

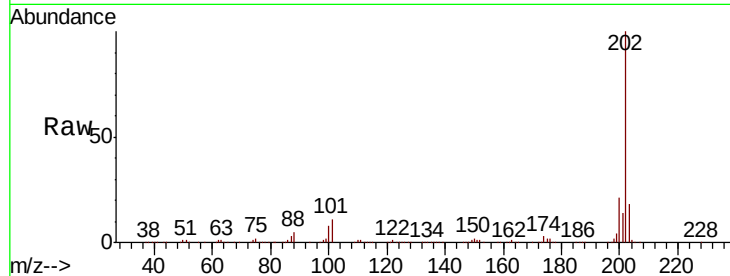
Tgt Ion: 202 Resp: 1161341

Ion Ratio Lower Upper

202 100

101 10.8 0.0 33.8

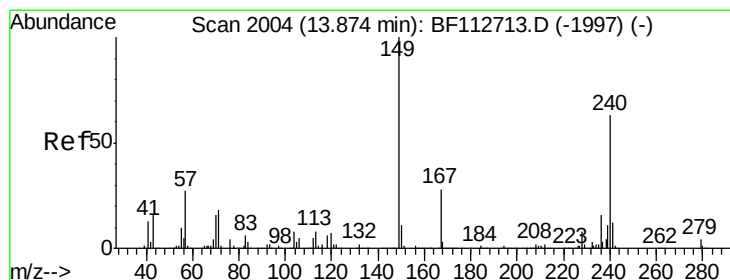
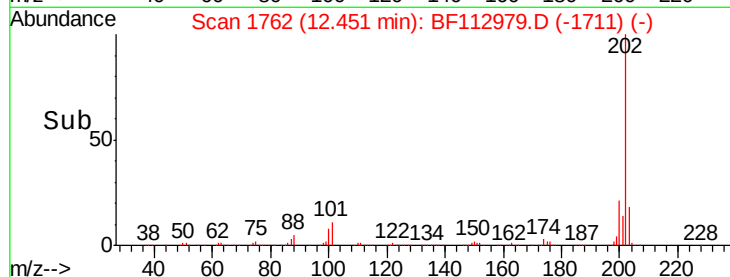
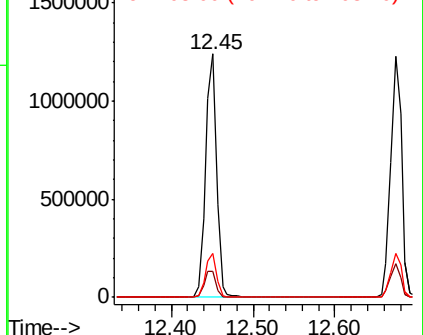
203 17.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

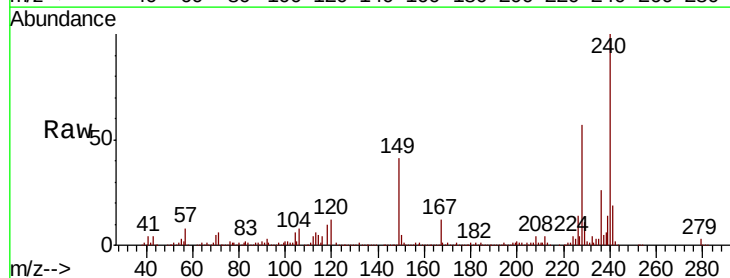
Tgt Ion: 240 Resp: 384201

Ion Ratio Lower Upper

240 100

120 12.2 8.9 13.3

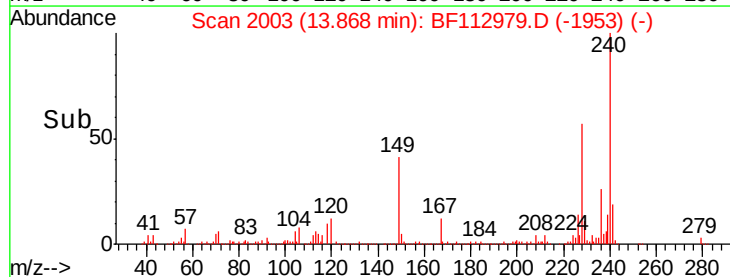
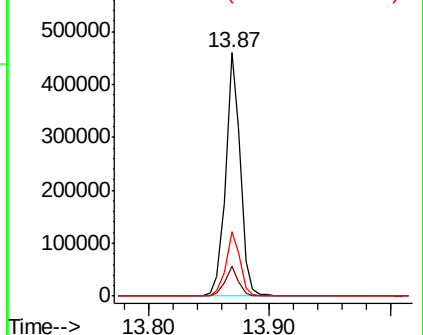
236 26.4 20.7 31.1

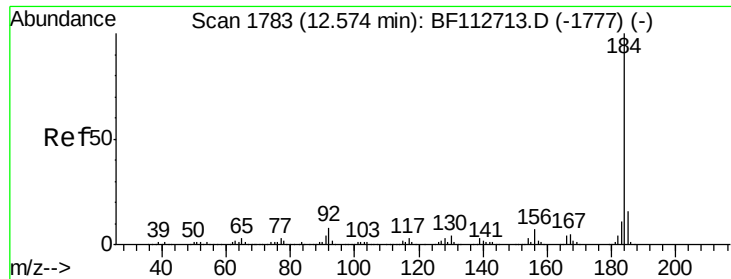


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

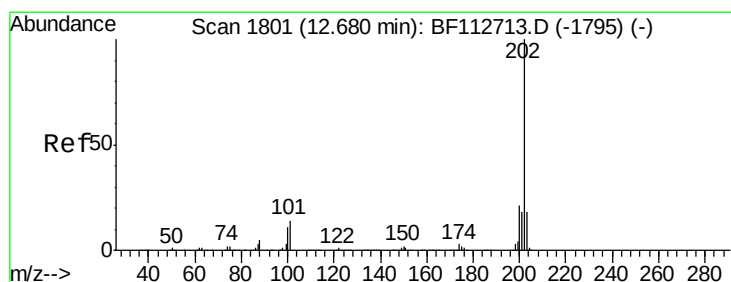
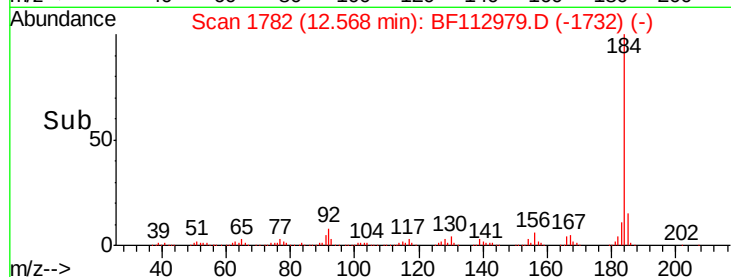
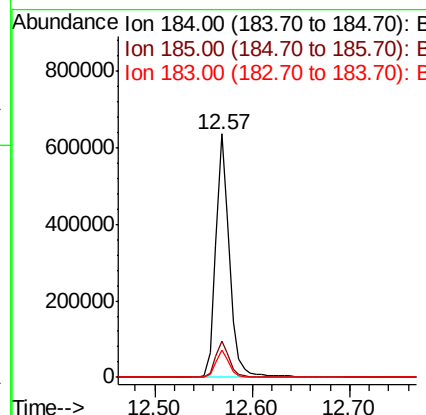
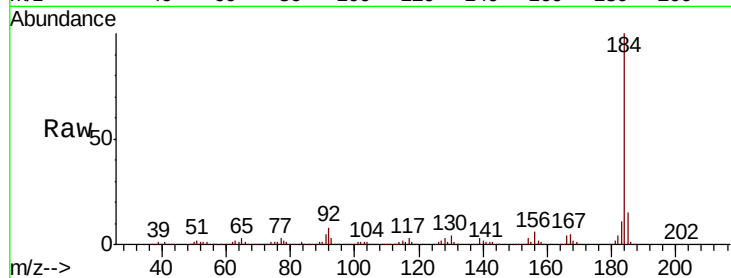




#77
Benzidine
Concen: 31.121 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

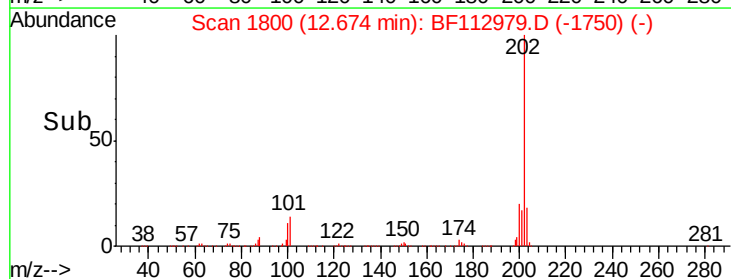
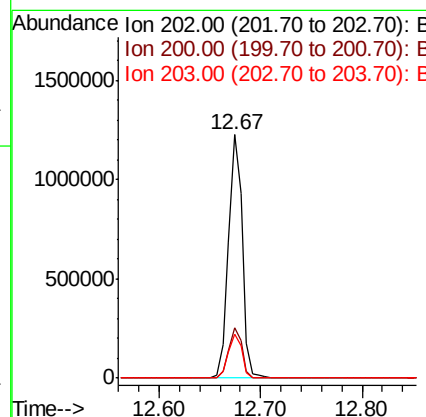
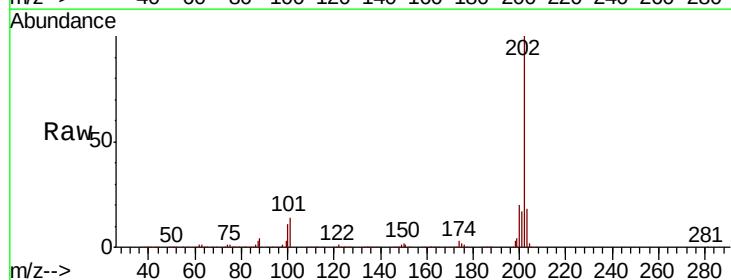
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

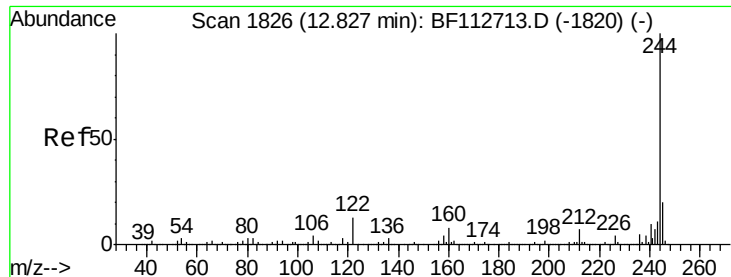
Tgt Ion:184 Resp: 620345
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 11.1 8.6 12.8



#78
Pyrene
Concen: 35.769 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion:202 Resp: 1158535
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.4
203 18.0 14.4 21.6





#79

Terphenyl-d14

Concen: 79.047 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

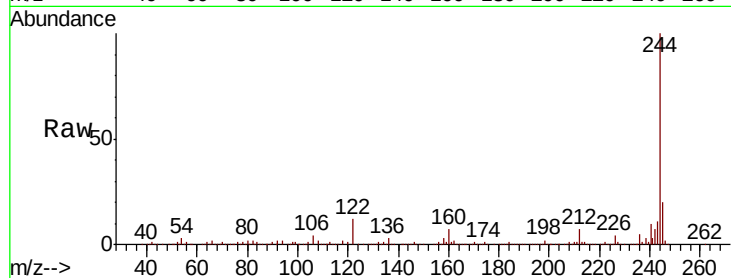
Tgt Ion:244 Resp: 1566665

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

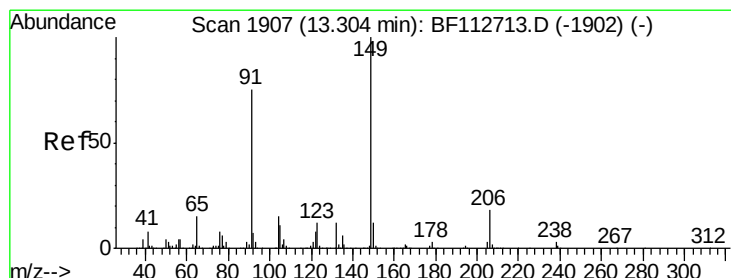
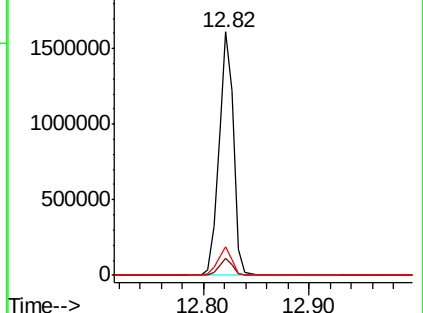
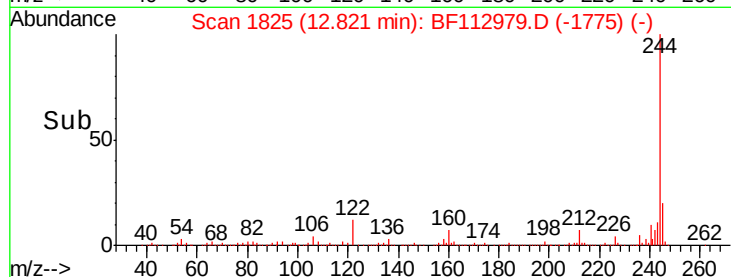
122 12.0 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.804 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

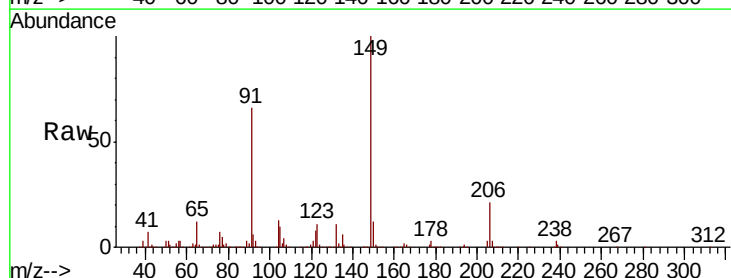
Tgt Ion:149 Resp: 540475

Ion Ratio Lower Upper

149 100

91 66.5 59.9 89.9

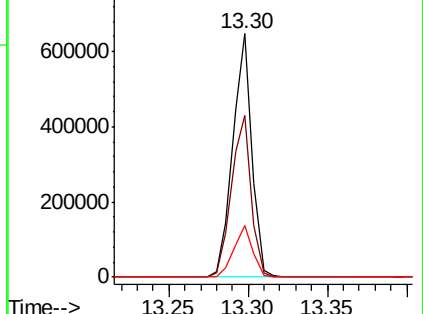
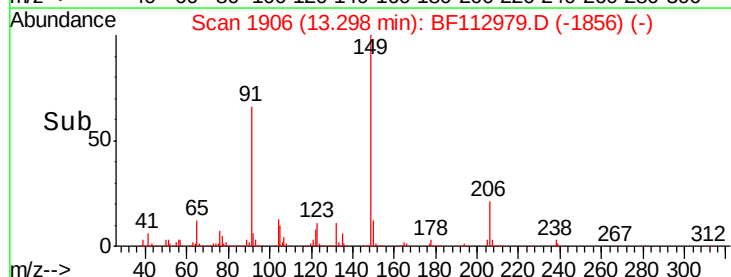
206 21.3 14.7 22.1

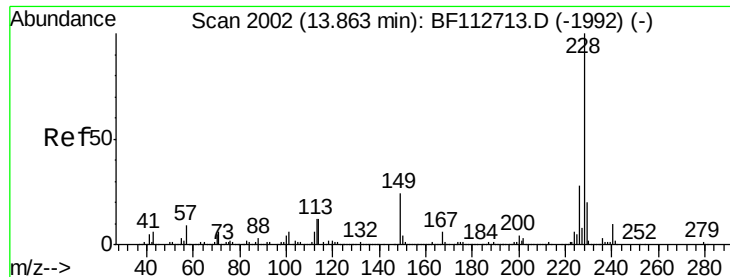


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.846 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

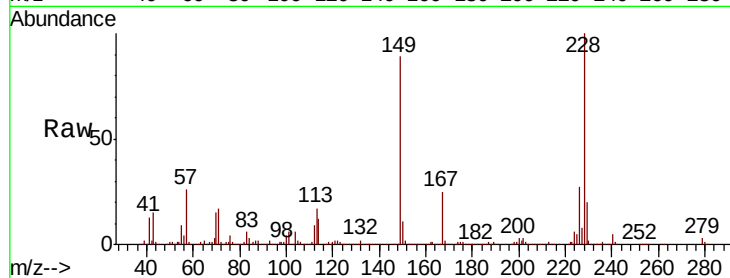
Tgt Ion:228 Resp: 901237

Ion Ratio Lower Upper

228 100

226 26.6 22.2 33.4

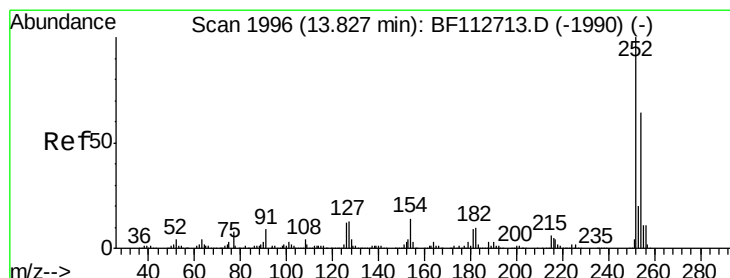
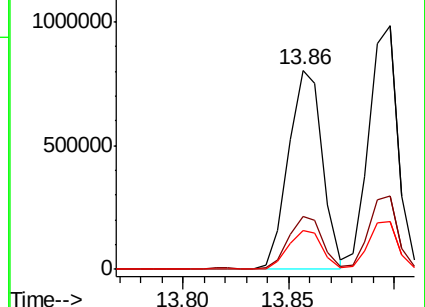
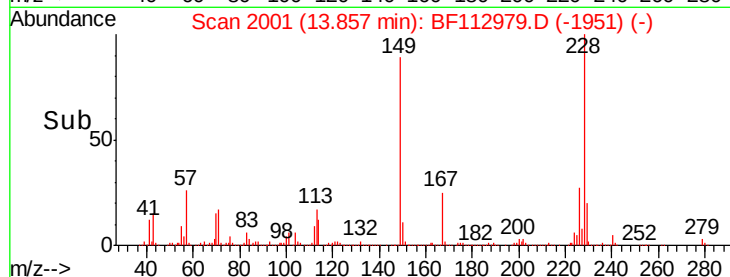
229 19.8 16.0 24.0



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: 39.536 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

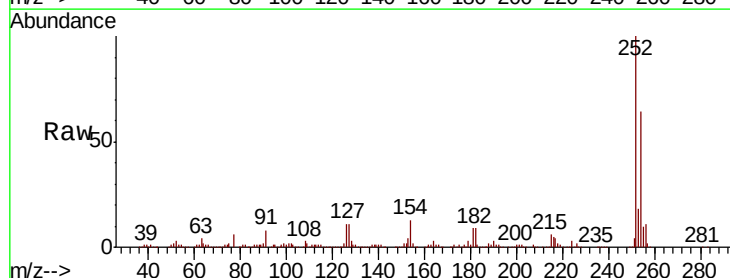
Tgt Ion:252 Resp: 398157

Ion Ratio Lower Upper

252 100

254 64.0 51.1 76.7

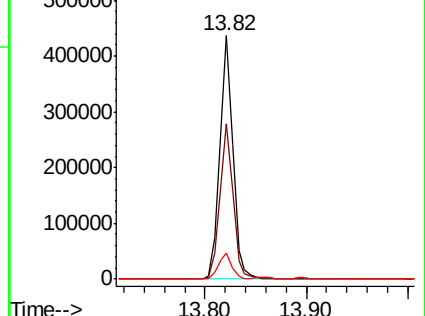
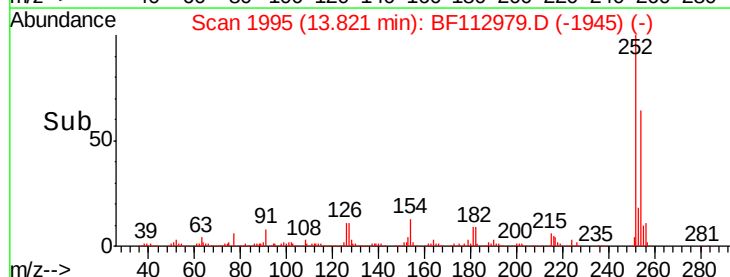
126 10.8 9.9 14.9

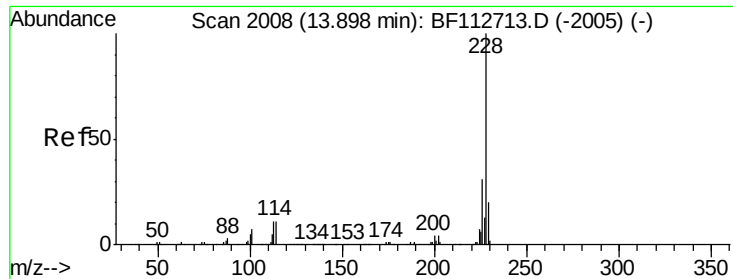


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

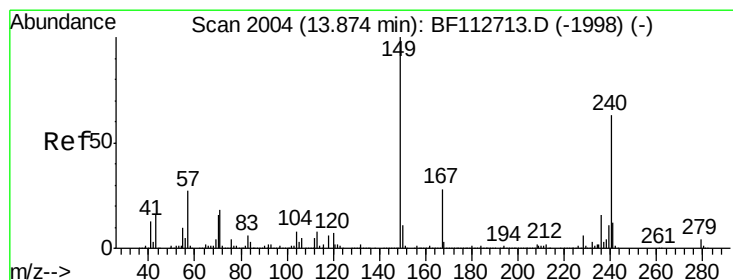
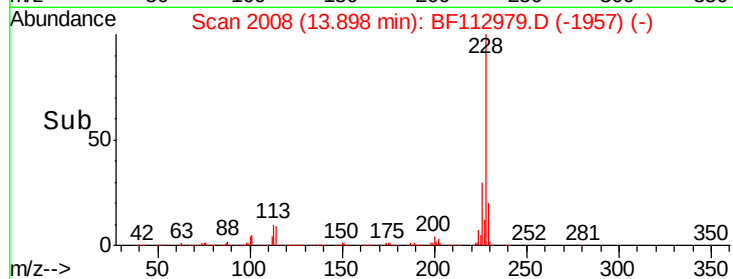
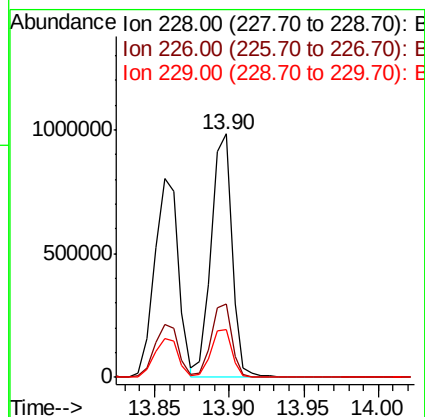
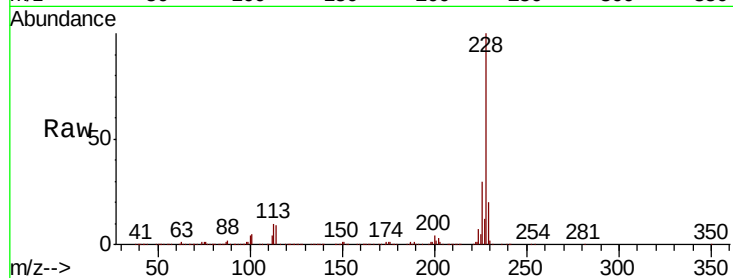




#83
Chrysene
 Concen: 36.611 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

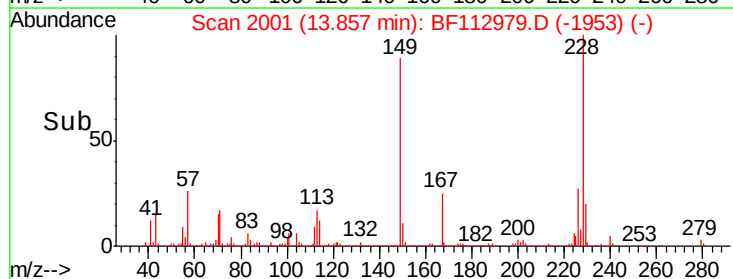
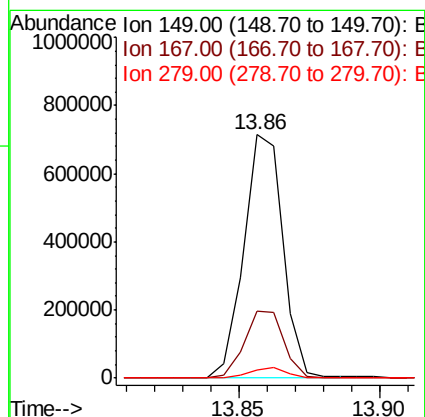
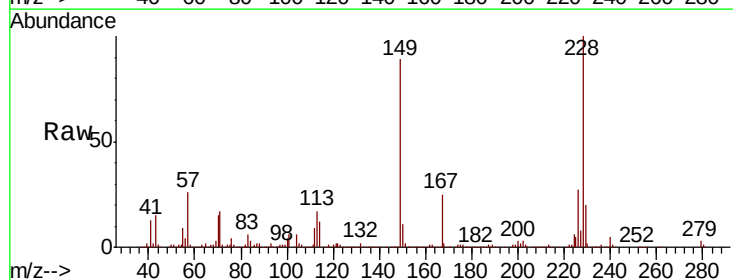
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

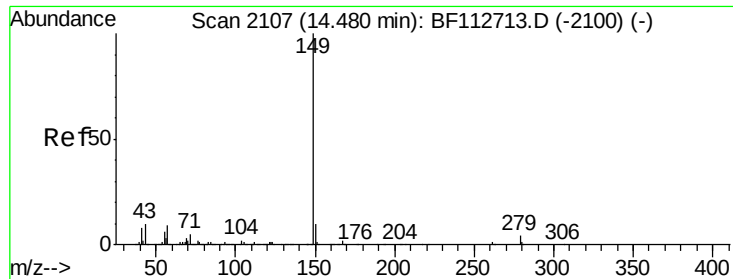
Tgt Ion: 228 Resp: 954922
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 19.7 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
 Concen: 40.927 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF112979.D
 Acq: 12 Mar 2019 2:59

Tgt Ion: 149 Resp: 686309
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.4 33.6
 279 3.4 3.3 4.9

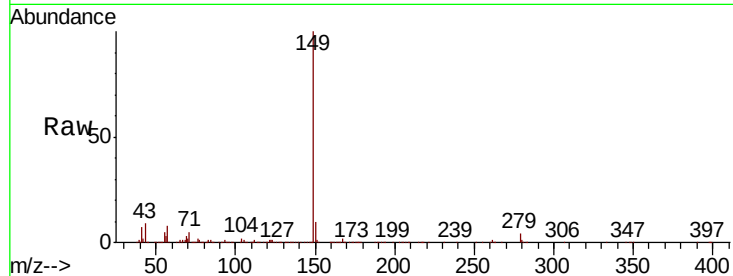




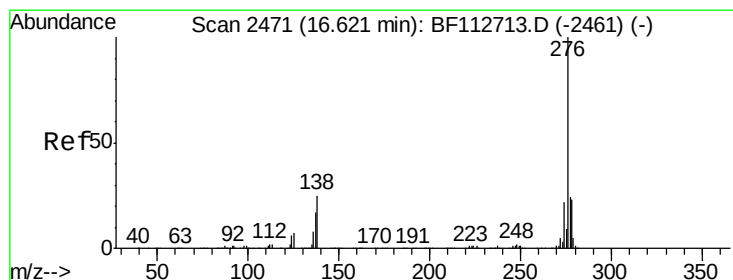
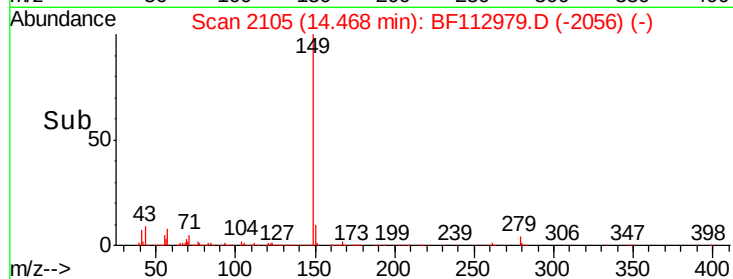
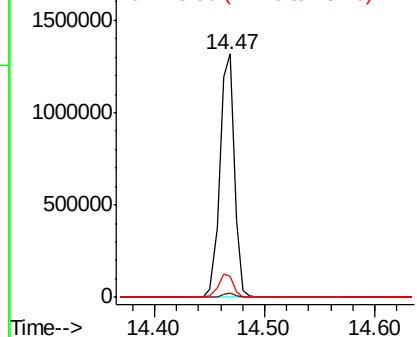
#85
Di-n-octyl phthalate
Concen: 41.840 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1204788
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.5 9.0 13.4

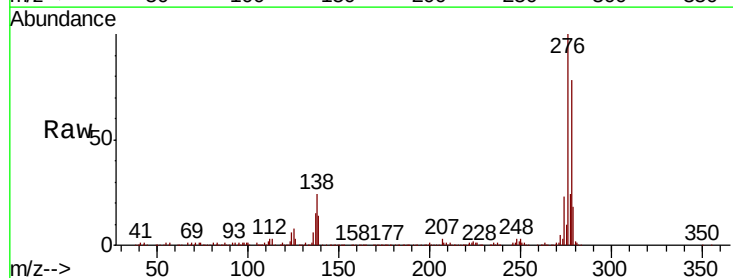


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

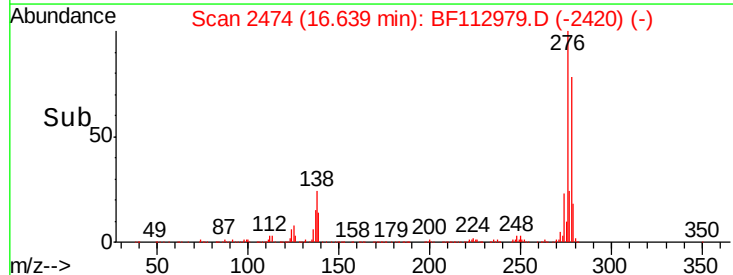
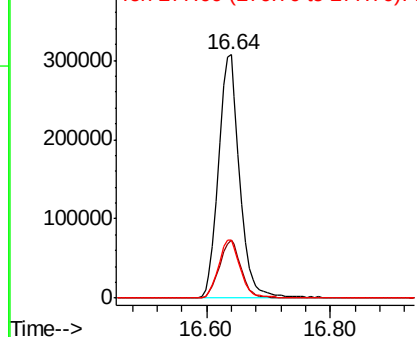


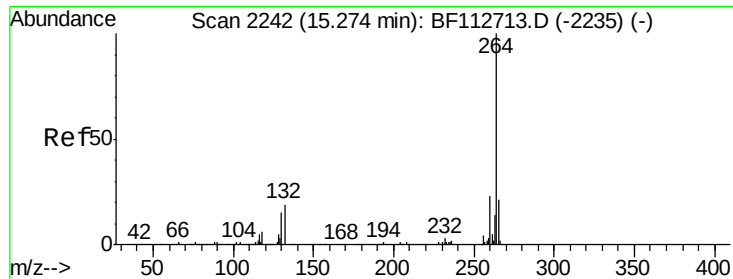
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.897 ng
RT: 16.64 min Scan# 2474
Delta R.T. 0.02 min
Lab File: BF112979.D
Acq: 12 Mar 2019 2:59

Tgt Ion:276 Resp: 731509
Ion Ratio Lower Upper
276 100
138 24.4 23.2 34.8
277 24.9 19.9 29.9



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

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

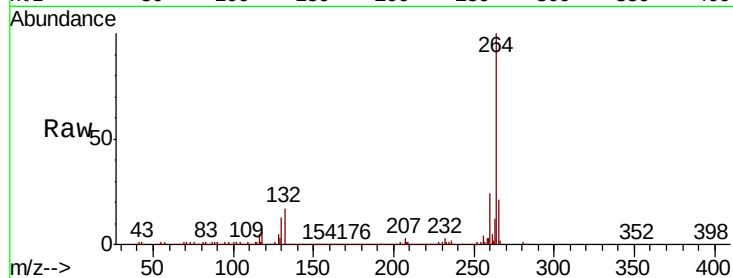
Tgt Ion:264 Resp: 353319

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

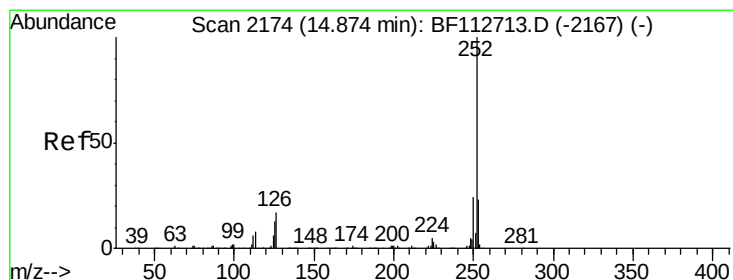
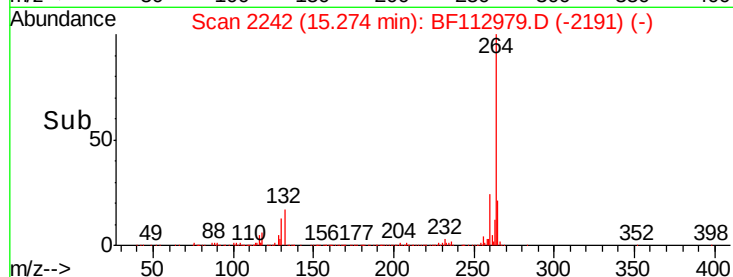
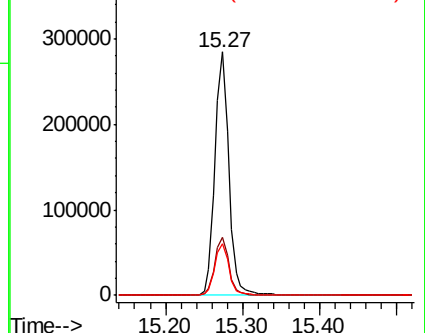
265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.329 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

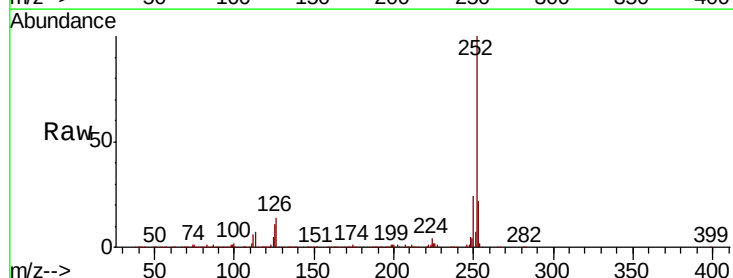
Tgt Ion:252 Resp: 944531

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

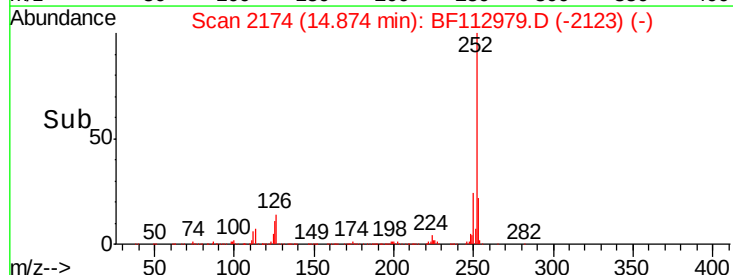
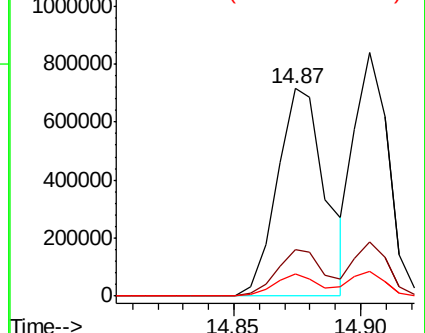
125 10.8 10.2 15.2

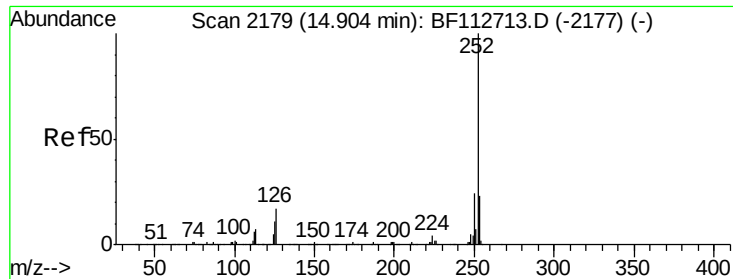


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.625 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

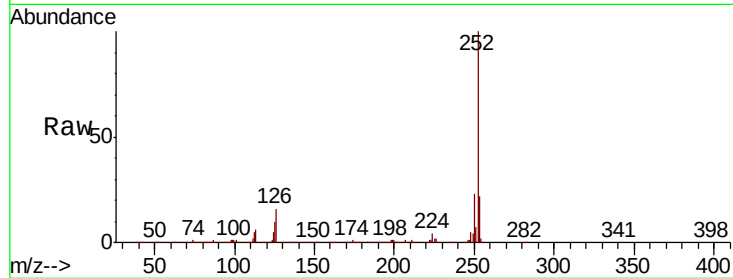
Tgt Ion:252 Resp: 799569

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

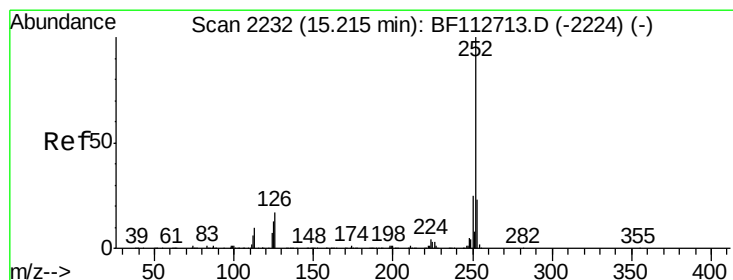
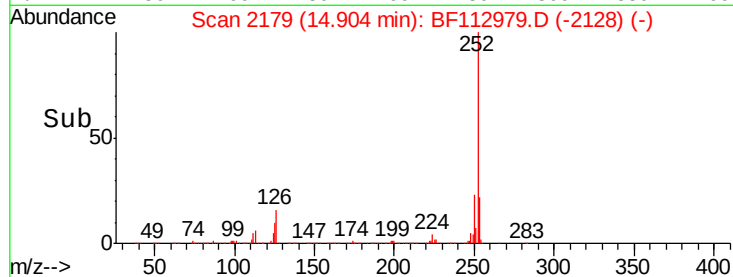
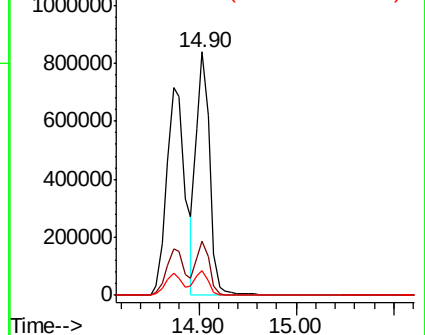
125 10.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.704 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

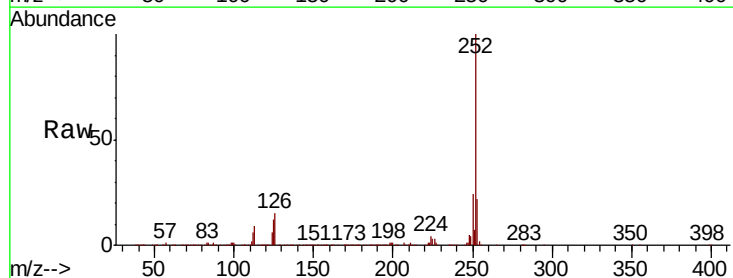
Tgt Ion:252 Resp: 782388

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

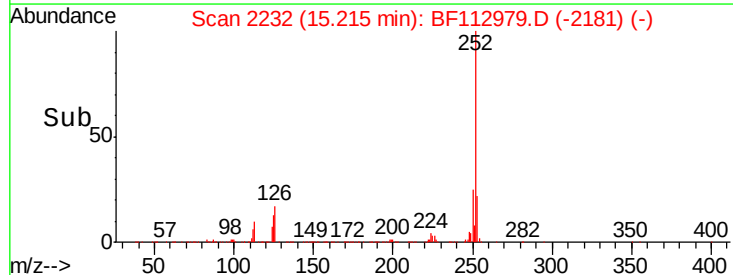
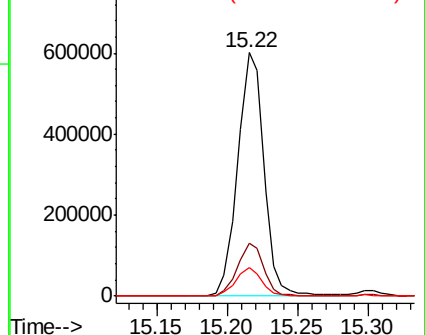
125 11.7 10.7 16.1

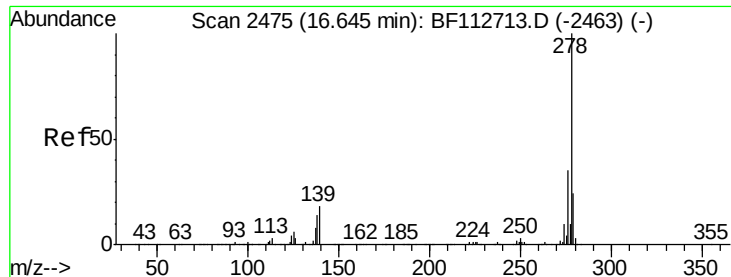


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.225 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

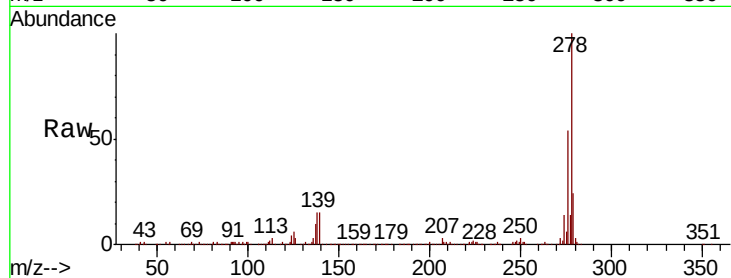
Tgt Ion:278 Resp: 624854

Ion Ratio Lower Upper

278 100

139 14.9 14.3 21.5

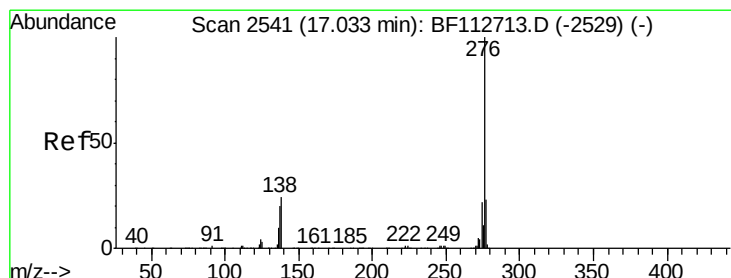
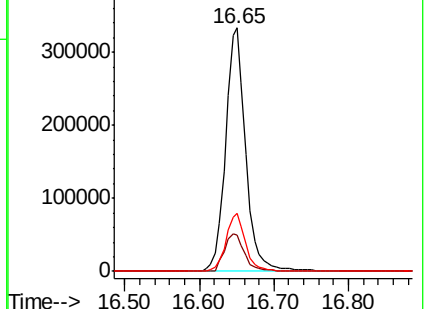
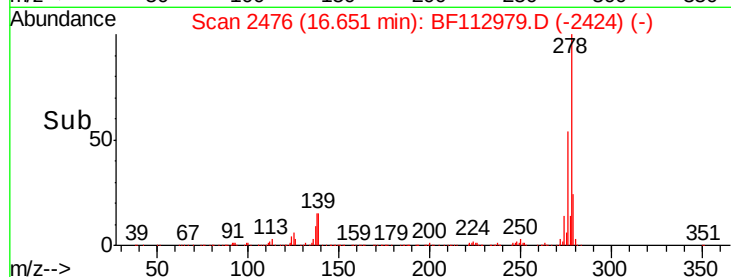
279 24.1 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 32.277 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF112979.D

Acq: 12 Mar 2019 2:59

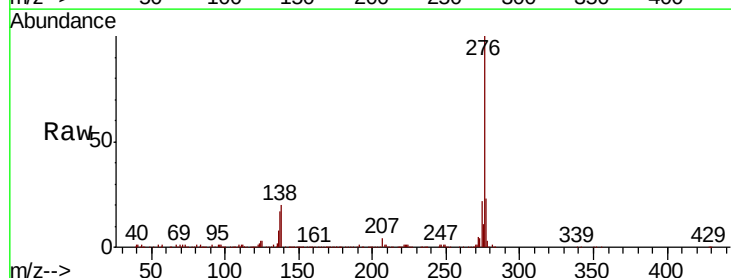
Tgt Ion:276 Resp: 559054

Ion Ratio Lower Upper

276 100

277 23.2 18.6 27.8

138 20.2 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

