

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112394.D
 Acq On : 5 Feb 2019 14:09
 Operator : JU/SJ
 Sample : PB116831BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 16:22:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	156111	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	603727	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	305429	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	619757	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	515228	20.00	ng	0.00
87) Perylene-d12	15.47	264	471099	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1177931	160.27	ng	0.00
7) Phenol-d6	6.49	99	1469382	143.88	ng	0.00
23) Nitrobenzene-d5	7.40	82	797250	76.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	507243	142.68	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1671098	77.38	ng	-0.01
79) Terphenyl-d14	12.94	244	2062905	75.41	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	148373	50.677	ng	97
3) Pyridine	3.45	79	379921	51.013	ng	98
4) n-Nitrosodimethylamine	3.39	42	171100	54.682	ng	99
6) Aniline	6.50	93	368498	30.332	ng	# 28
8) 2-Chlorophenol	6.63	128	415685	42.043	ng	98
9) Benzaldehyde	6.38	77	199487	37.372	ng	99
10) Phenol	6.50	94	475148	42.407	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	359193	40.720	ng	97
12) 1,3-Dichlorobenzene	6.77	146	454080	39.435	ng	99
13) 1,4-Dichlorobenzene	6.85	146	465266	39.262	ng	99
14) 1,2-Dichlorobenzene	7.00	146	437032	39.389	ng	97
15) Benzyl Alcohol	6.98	79	340807	39.587	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	444830	39.275	ng	# 43
17) 2-Methylphenol	7.10	107	328321	41.890	ng	92
18) Hexachloroethane	7.34	117	166564	40.026	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	275291	39.092	ng	98
20) 3+4-Methylphenols	7.25	107	420662	41.971	ng	# 72
22) Acetophenone	7.24	105	558095	37.964	ng	95
24) Nitrobenzene	7.42	77	414129	39.576	ng	98
25) Isophorone	7.66	82	740550	45.053	ng	97
26) 2-Nitrophenol	7.73	139	228215	40.809	ng	97
27) 2,4-Dimethylphenol	7.77	122	360486	46.787	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	462039	41.282	ng	99
29) 2,4-Dichlorophenol	7.98	162	358089	41.531	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	397778	40.135	ng	99
31) Naphthalene	8.14	128	1206973	42.751	ng	98
32) Benzoic acid	7.92	122	201068	45.750	ng	98
33) 4-Chloroaniline	8.19	127	294250	23.936	ng	98
34) Hexachlorobutadiene	8.25	225	218615	37.589	ng	98
35) Caprolactam	8.56	113	65561	21.554	ng	90
36) 4-Chloro-3-methylphenol	8.69	107	370040	40.541	ng	99
37) 2-Methylnaphthalene	8.83	142	851534	44.058	ng	98
38) 1-Methylnaphthalene	8.93	142	808283	43.631	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	393114	39.200	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	268601	71.781	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	248601	40.217	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	263104	40.725	nq	99
46) 1,1'-Biphenyl	9.29	154	1057754	39.614	nq	98
47) 2-Chloronaphthalene	9.32	162	810137	39.125	nq	97
48) 2-Nitroaniline	9.42	65	226584	40.148	nq	90
49) Acenaphthylene	9.73	152	1291251	42.546	nq	98
50) Dimethylphthalate	9.59	163	959165	40.419	nq	99
51) 2,6-Dinitrotoluene	9.66	165	217757	40.973	nq #	86
52) Acenaphthene	9.90	154	742610	40.961	nq	99
53) 3-Nitroaniline	9.83	138	149485	25.962	nq	89
54) 2,4-Dinitrophenol	9.95	184	156278	91.625	nq	94
55) Dibenzofuran	10.08	168	1125853	40.637	nq	98
56) 4-Nitrophenol	10.02	139	244650	80.369	nq	95
57) 2,4-Dinitrotoluene	10.07	165	290783	42.977	nq #	86
58) Fluorene	10.42	166	909246	43.856	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.16	232	180006	36.870	nq	98
60) Diethylphthalate	10.29	149	959223	40.732	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	435591	38.623	nq	98
62) 4-Nitroaniline	10.45	138	228068	40.383	nq	95
63) Azobenzene	10.57	77	830624	40.105	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	123917	35.662	nq	98
66) n-Nitrosodiphenylamine	10.53	169	808107	38.688	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	275122	37.744	nq	98
68) Hexachlorobenzene	10.97	284	297443	38.034	nq	98
69) Atrazine	11.06	200	266825	39.590	nq	96
70) Pentachlorophenol	11.17	266	220152	72.347	nq	99
71) Phenanthrene	11.39	178	1341109	41.623	nq	98
72) Anthracene	11.43	178	1398298	43.567	nq	99
73) Carbazole	11.59	167	1230575	38.869	nq	99
74) Di-n-butylphthalate	11.91	149	1495683	38.061	nq	99
75) Fluoranthene	12.57	202	1433971	41.494	nq	98
77) Benzidine	12.69	184	638684	45.039	nq	97
78) Pyrene	12.80	202	1445307	40.517	nq	99
80) Butylbenzylphthalate	13.41	149	661221	38.313	nq	98
81) Benzo(a)anthracene	13.99	228	1278694	42.218	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	323775	28.564	nq	99
83) Chrysene	14.03	228	1209633	41.840	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	911195	37.195	nq #	96
85) Di-n-octyl phthalate	14.57	149	1480856	39.289	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1064711	46.476	nq	97
88) Benzo(b)fluoranthene	15.04	252	1229363	43.635	nq	99
89) Benzo(k)fluoranthene	15.07	252	1106611	41.006	nq	98
90) Benzo(a)pyrene	15.41	252	1098217	43.321	nq	100
91) Dibenzo(a,h)anthracene	16.96	278	884248	43.279	nq	99
92) Benzo(g,h,i)perylene	17.39	276	861901	44.714	nq	98

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

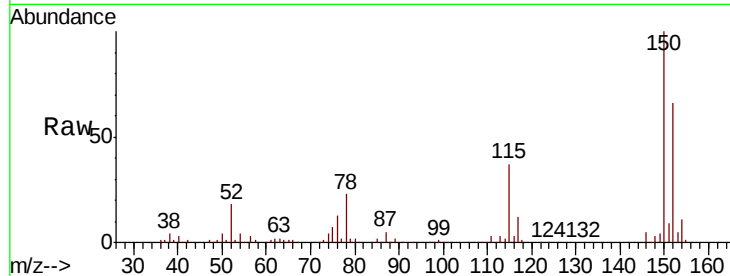


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	127.4	191.0
115	55.9	45.5	68.3

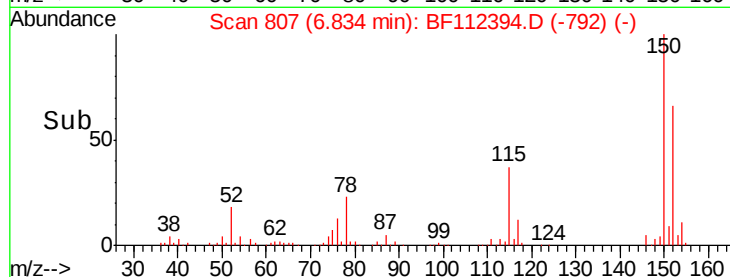
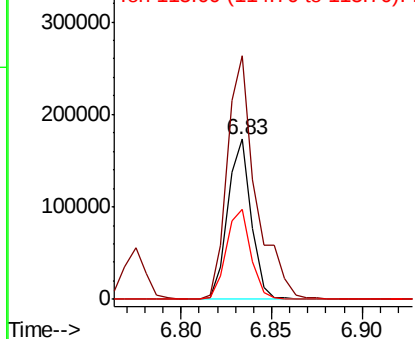


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

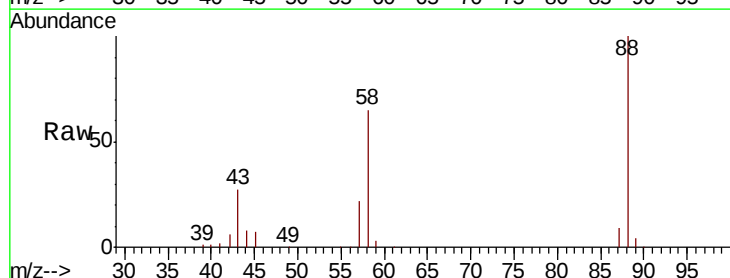
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 50.677 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	57.4	86.2
43	28.1	22.2	33.4

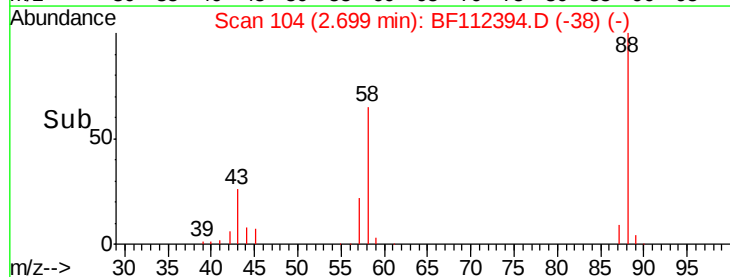
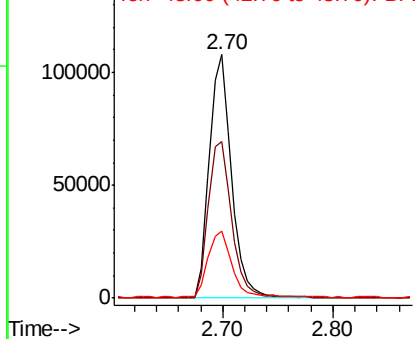


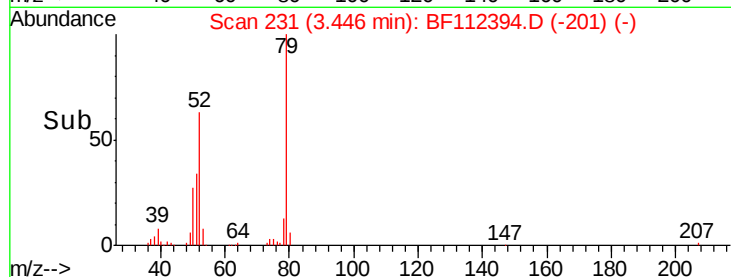
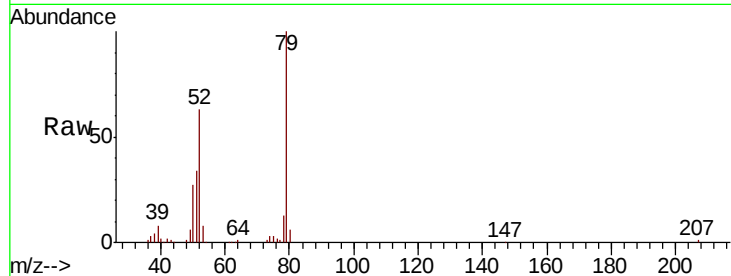
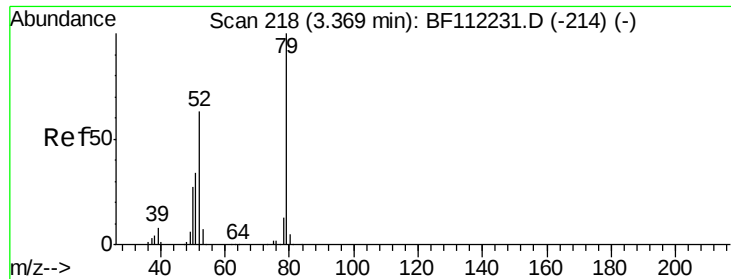
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

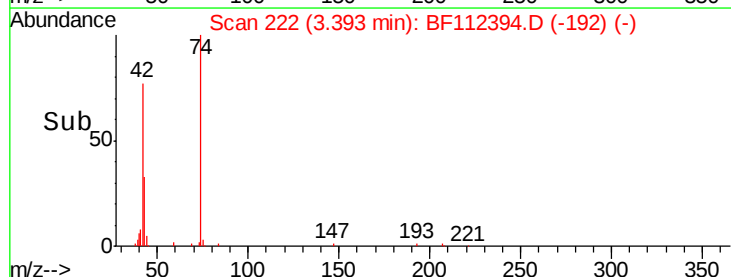
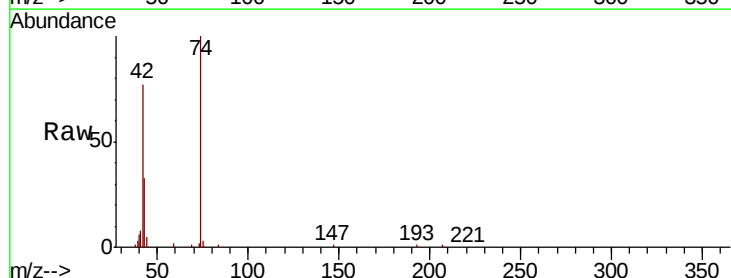
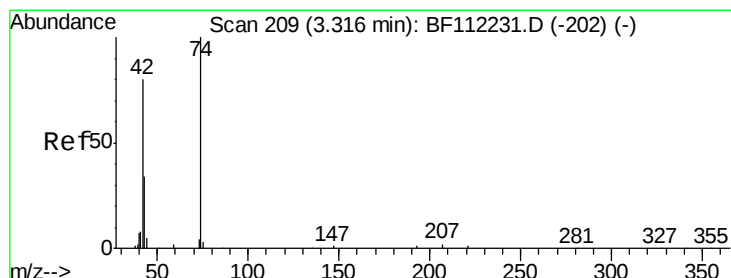
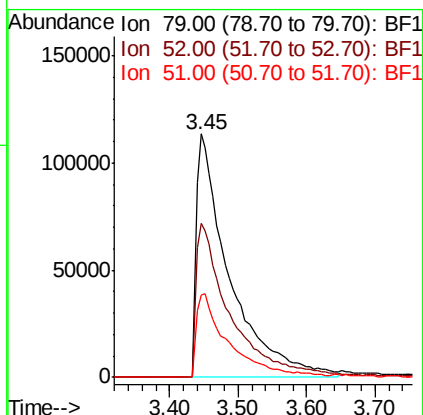




#3
 Pvridine
 Concen: 51.013 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.08 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

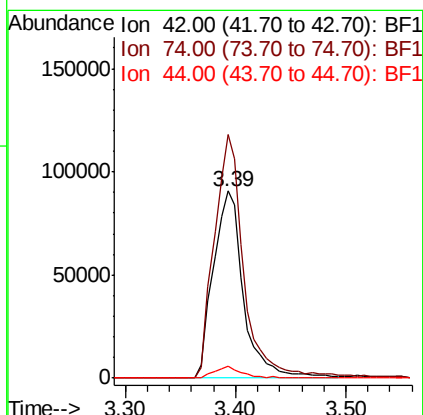
Instrument :
 BNA_F
 ClientSampleId :

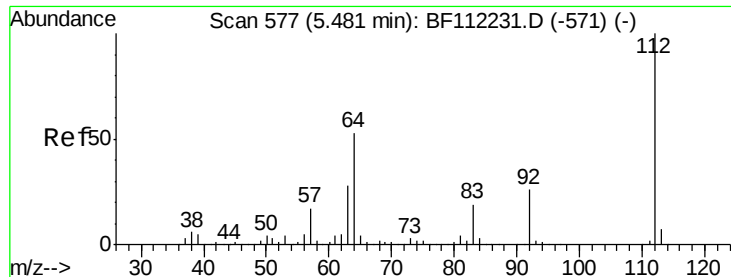
Tot Ion: 79 Resp: 379921
 Ion Ratio Lower Upper
 79 100
 52 63.4 52.4 78.6
 51 33.6 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 54.682 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.08 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Tgt Ion: 42 Resp: 171100
 Ion Ratio Lower Upper
 42 100
 74 130.4 105.6 158.4
 44 6.3 5.4 8.2





#5

2-Fluorophenol

Concen: 160.271 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampled :

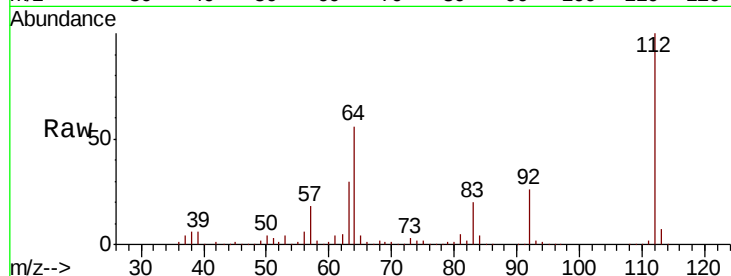
Tot Ion:112 Resp: 1177931

Ion Ratio Lower Upper

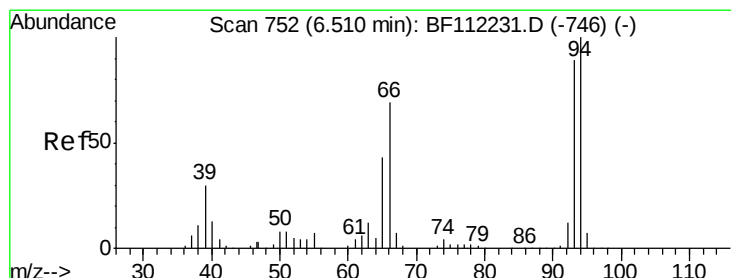
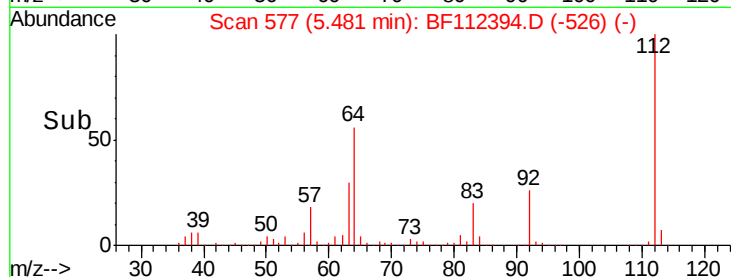
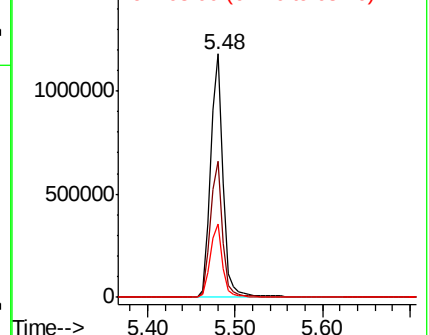
112 100

64 56.1 45.7 68.5

63 29.9 23.6 35.4



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: 30.332 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

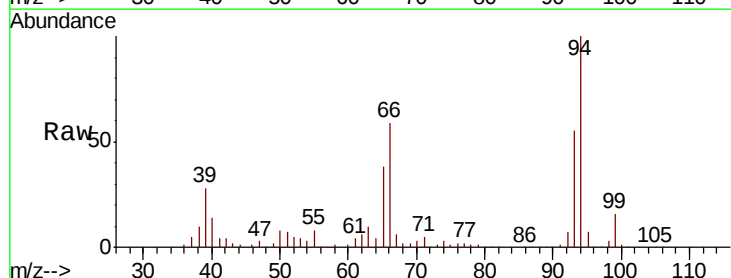
Tgt Ion: 93 Resp: 368498

Ion Ratio Lower Upper

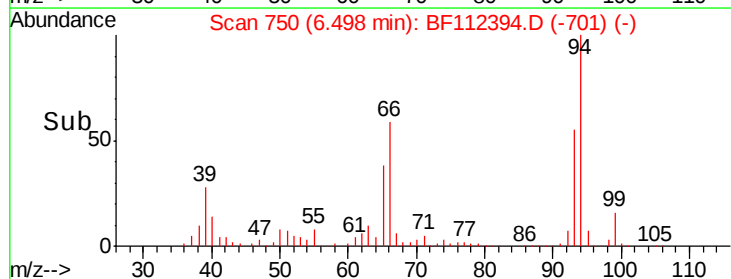
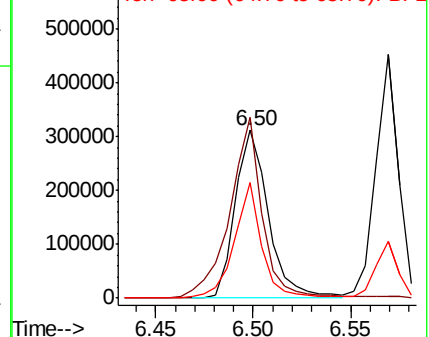
93 100

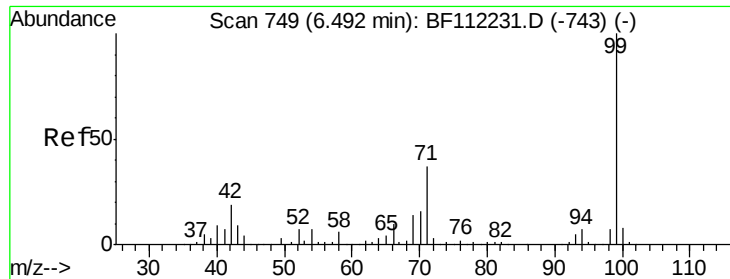
66 107.8 43.4 65.2#

65 69.2 25.3 37.9#



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: 143.878 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

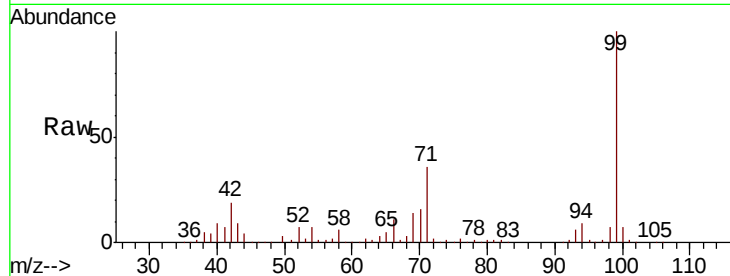
Tot Ion: 99 Resp: 1469382

Ion Ratio Lower Upper

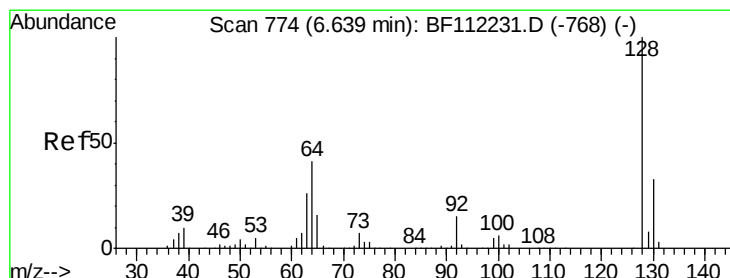
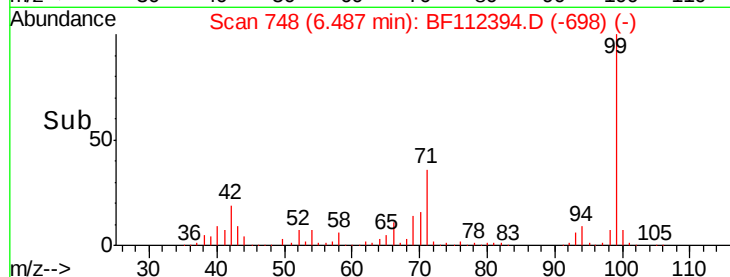
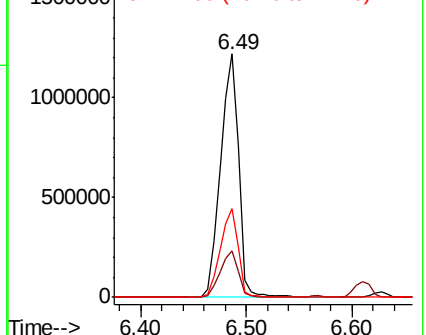
99 100

42 19.2 15.1 22.7

71 36.4 26.9 40.3



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



#8

2-Chlorophenol

Concen: 42.043 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

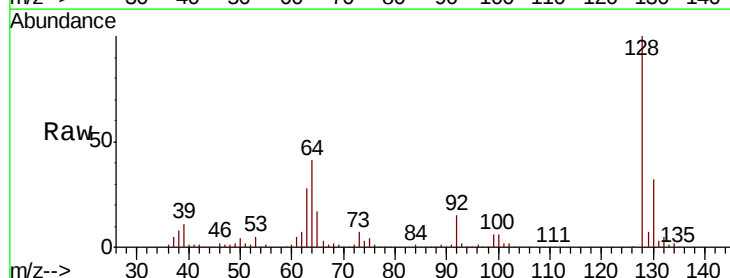
Tgt Ion: 128 Resp: 415685

Ion Ratio Lower Upper

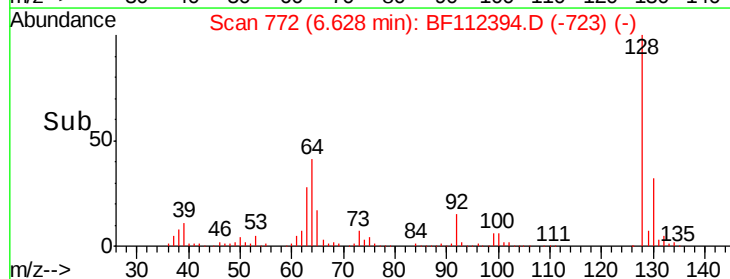
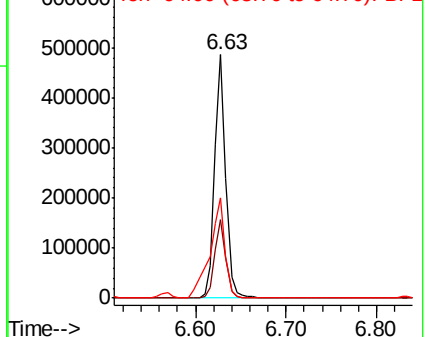
128 100

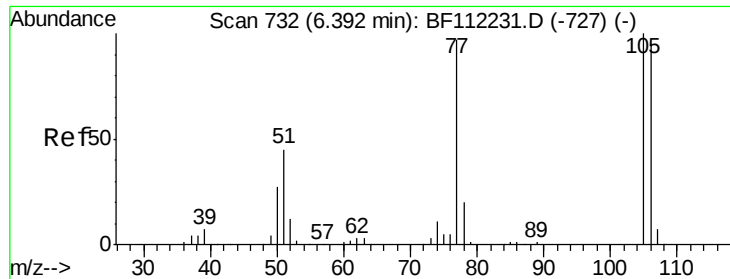
130 32.4 13.4 53.4

64 41.3 20.5 60.5



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: 37.372 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampled :

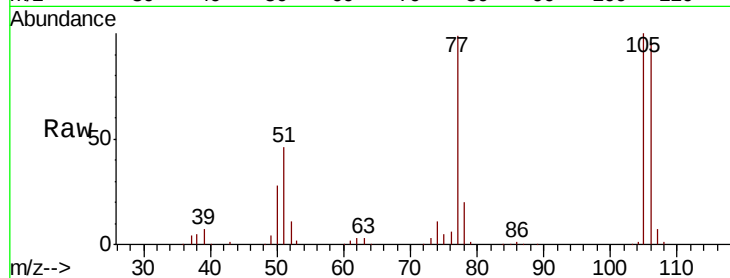
Tot Ion: 77 Resp: 199487

Ion Ratio Lower Upper

77 100

105 100.8 80.8 120.8

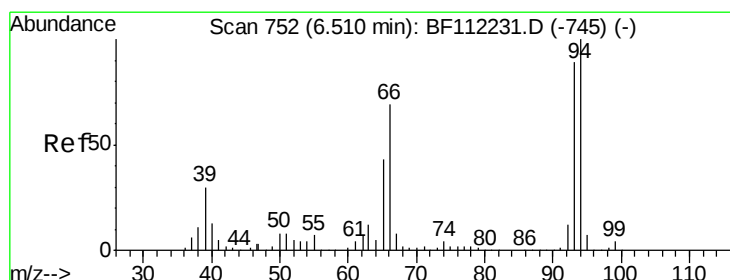
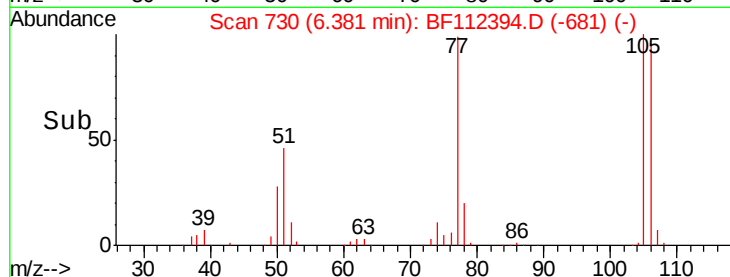
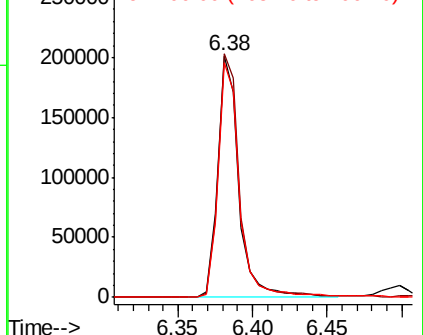
106 96.9 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.407 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

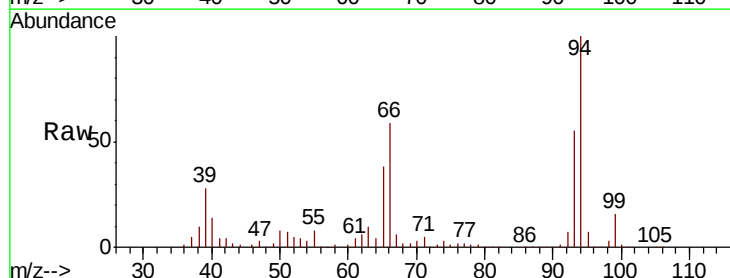
Tgt Ion: 94 Resp: 475148

Ion Ratio Lower Upper

94 100

65 38.0 20.3 60.3

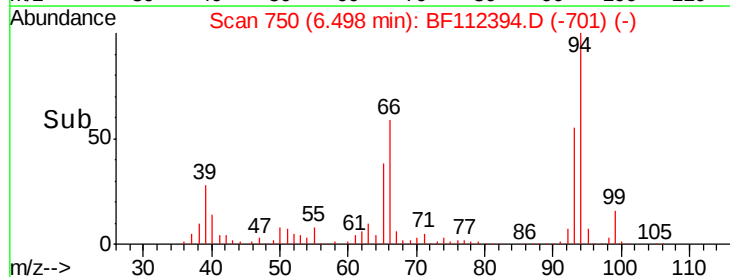
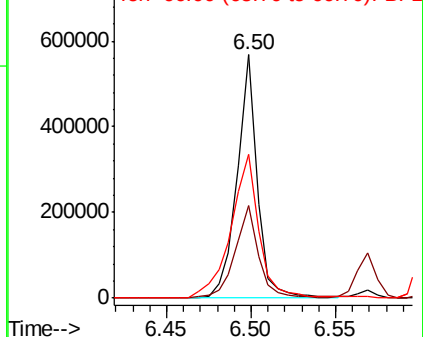
66 59.1 42.4 82.4

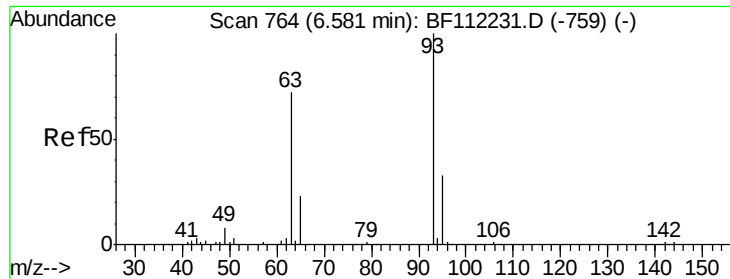


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

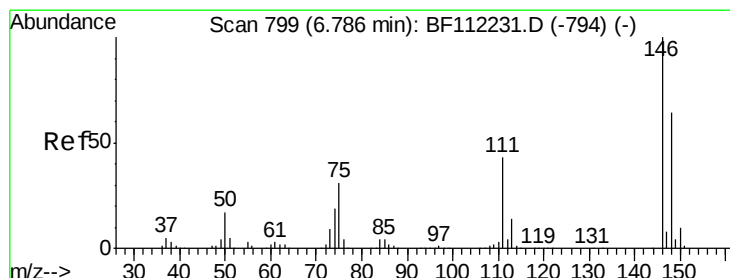
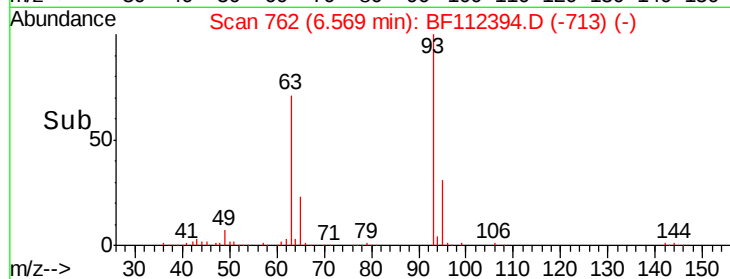
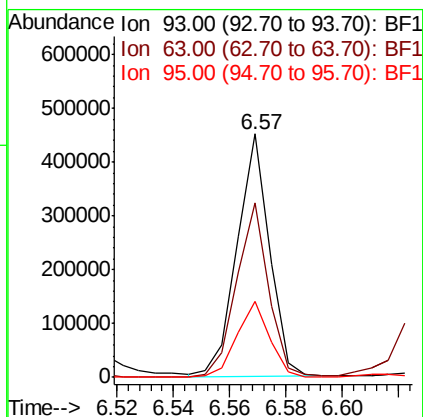
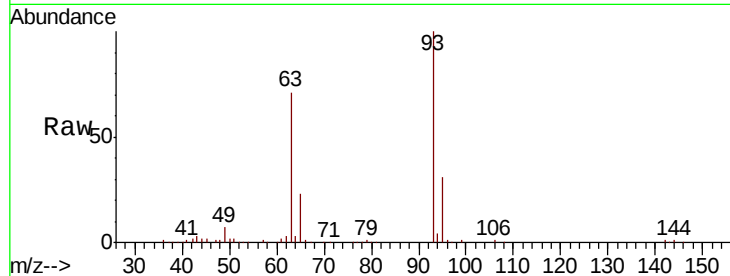




#11
bis(2-Chloroethyl)ether
Concen: 40.720 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

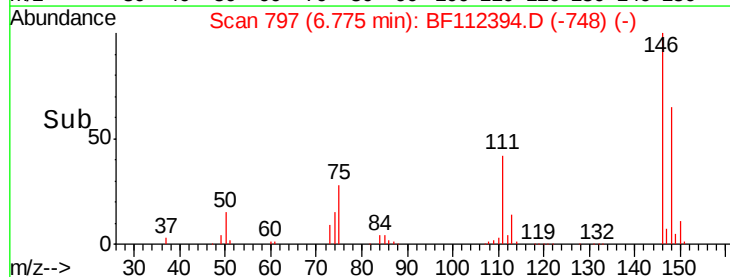
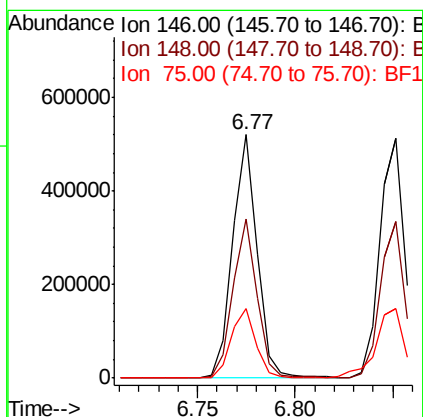
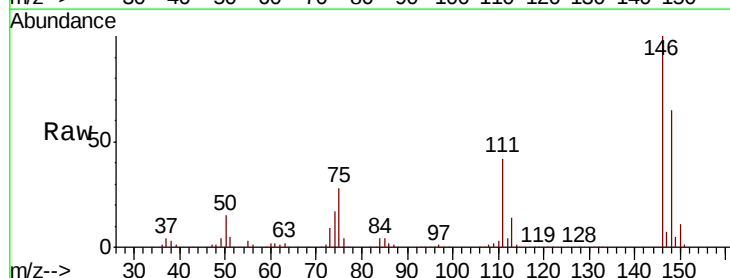
Instrument :
BNA_F
ClientSampleId :

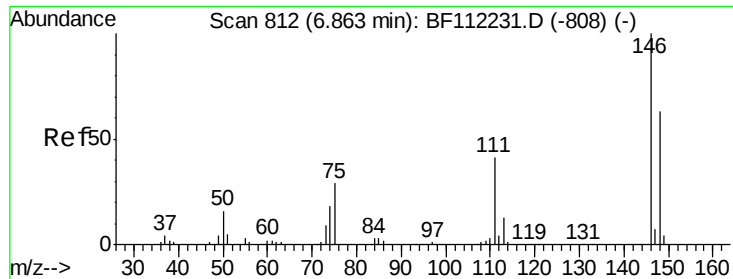
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.5	53.3	93.3
95	31.1	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 39.435 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	28.3	23.1	34.7

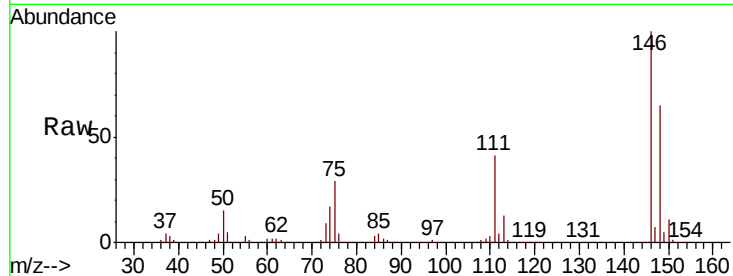




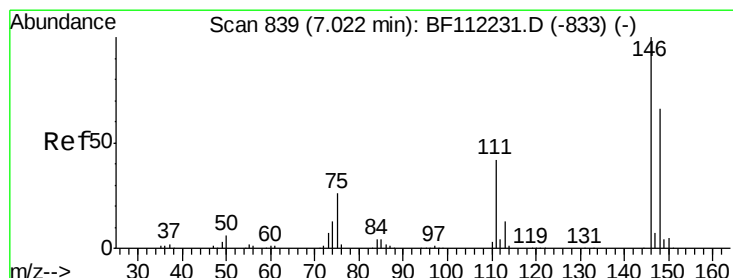
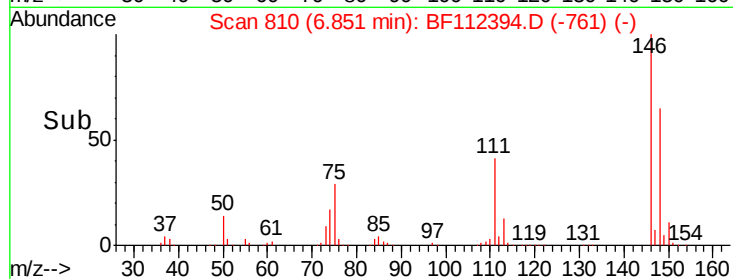
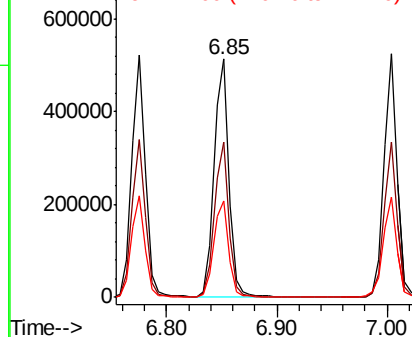
#13
 1,4-Dichlorobenzene
 Concen: 39.262 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 465266
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.0 78.0
 111 40.6 31.2 46.8

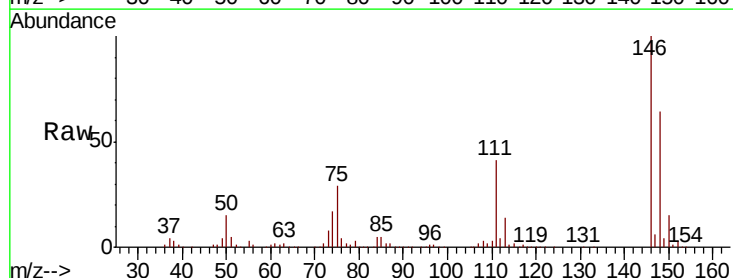


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

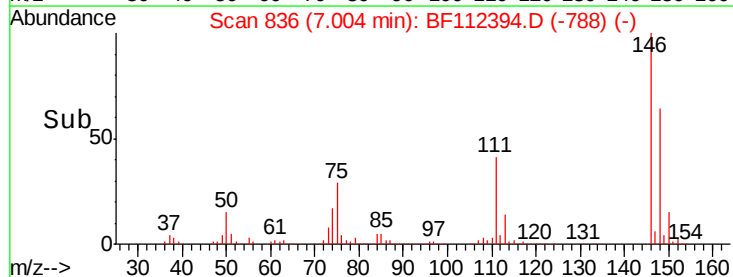
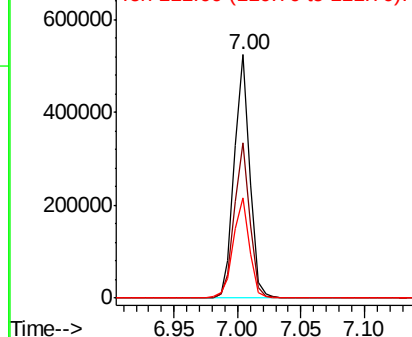


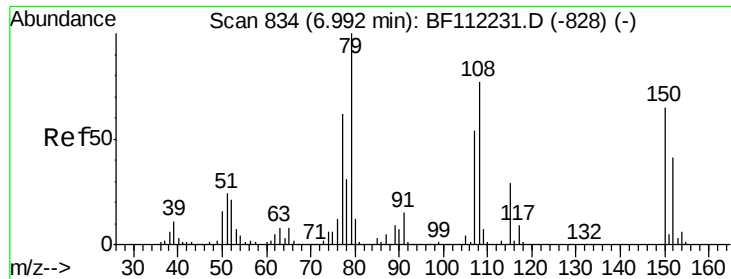
#14
 1,2-Dichlorobenzene
 Concen: 39.389 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Tgt Ion:146 Resp: 437032
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.4
 111 41.4 31.2 46.8



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

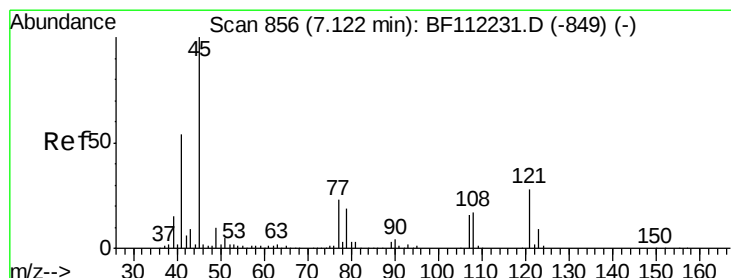
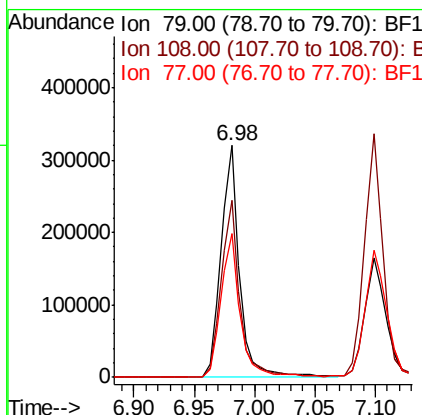
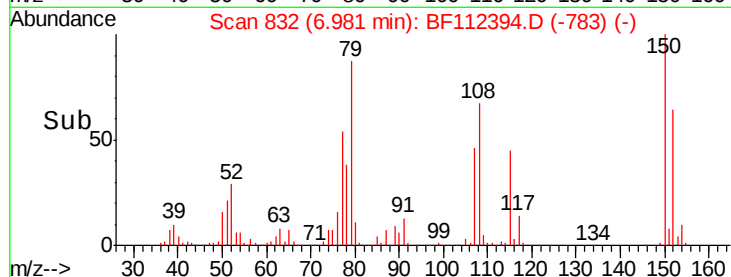
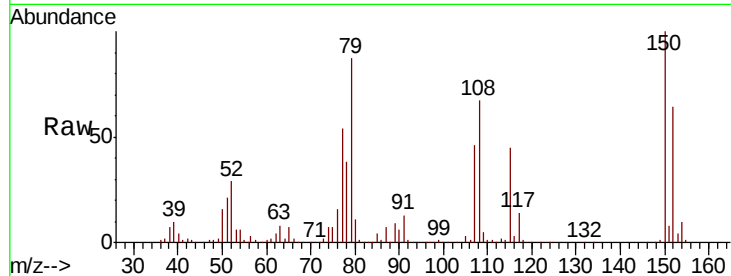




#15
Benzyl Alcohol
Concen: 39.587 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

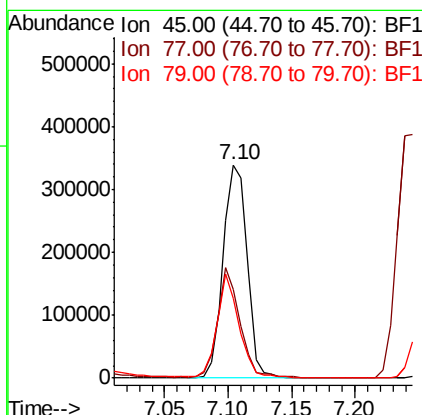
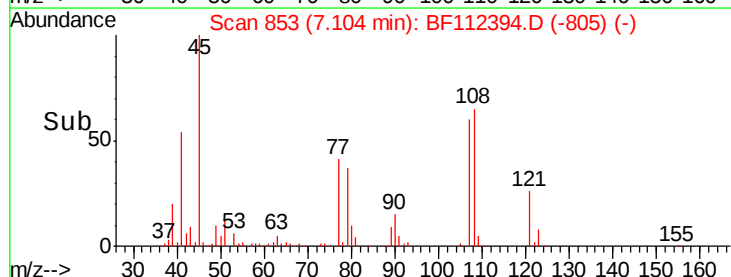
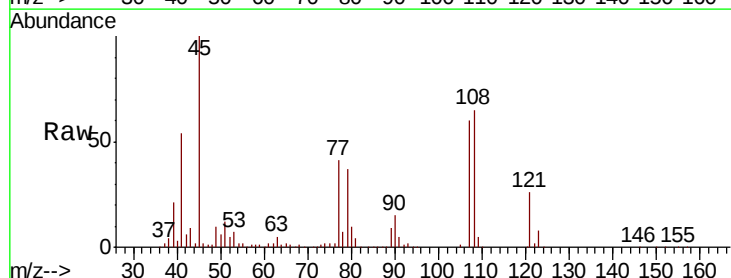
Instrument :
BNA_F
ClientSampled :

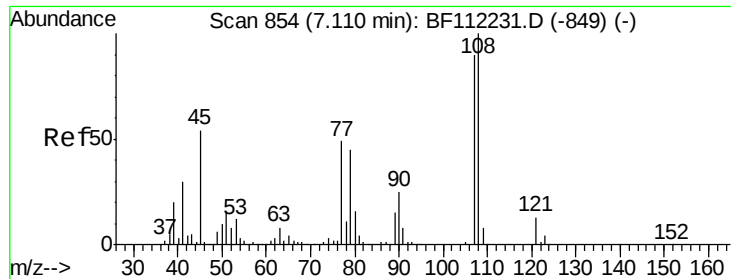
Tot Ion: 79 Resp: 340807
Ion Ratio Lower Upper
79 100
108 76.2 64.2 96.2
77 62.1 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.275 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion: 45 Resp: 444830
Ion Ratio Lower Upper
45 100
77 41.4 0.0 36.9#
79 37.3 0.0 34.0#

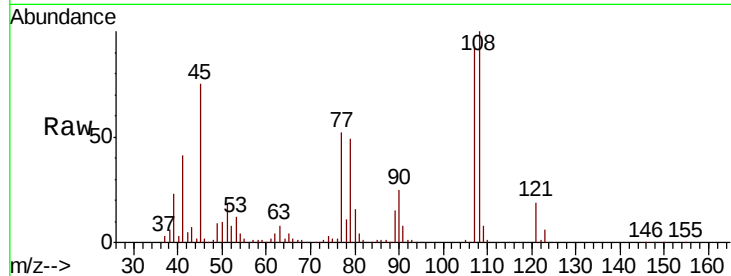




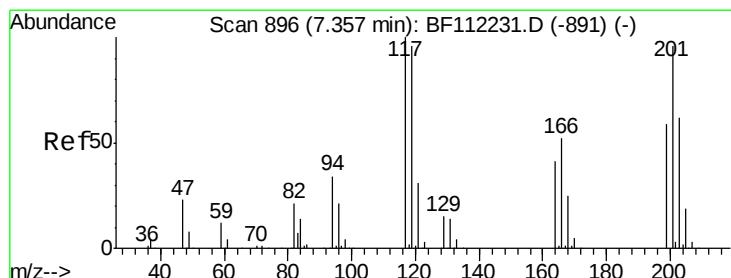
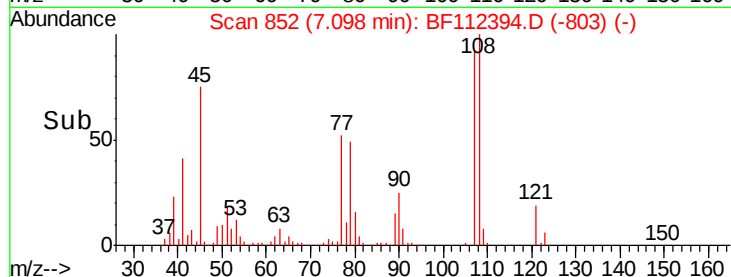
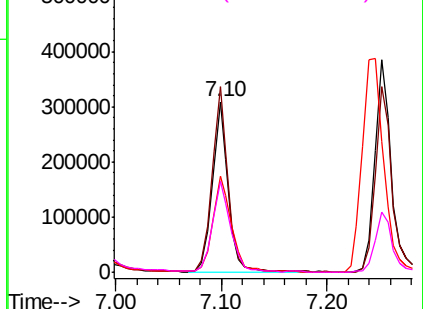
#17
2-Methylphenol
Concen: 41.890 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 328321
Ion Ratio Lower Upper
107 100
108 108.8 91.3 136.9
77 56.6 39.0 58.6
79 53.4 37.0 55.4

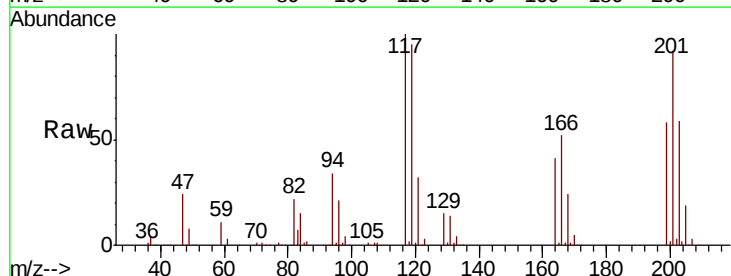


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

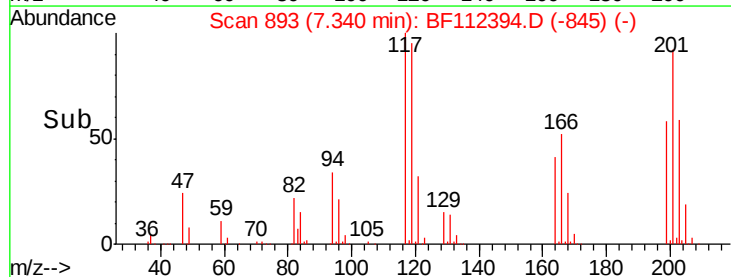
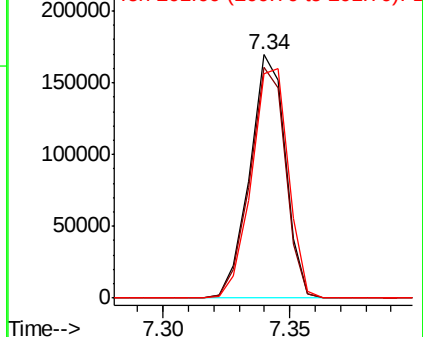


#18
Hexachloroethane
Concen: 40.026 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion:117 Resp: 166564
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.4
201 92.0 74.1 111.1



Abundance Ion 117.00 (116.70 to 117.70): E
200000 Ion 119.00 (118.70 to 119.70): E
150000 Ion 201.00 (200.70 to 201.70): E
100000
50000
0

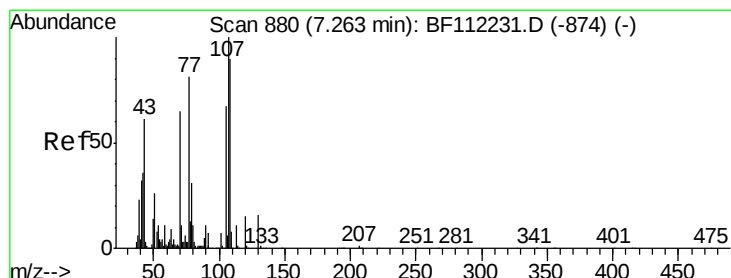
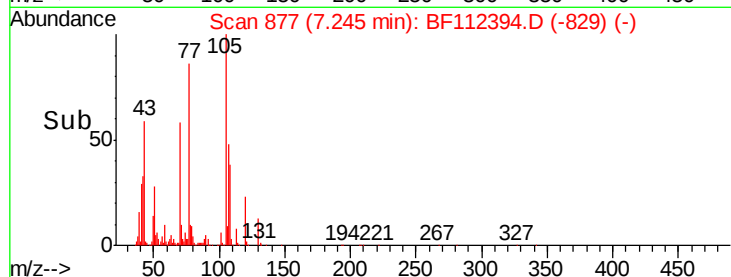
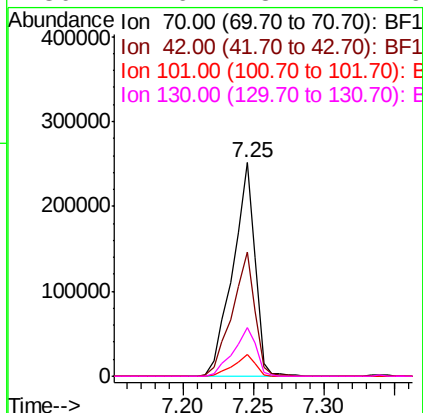
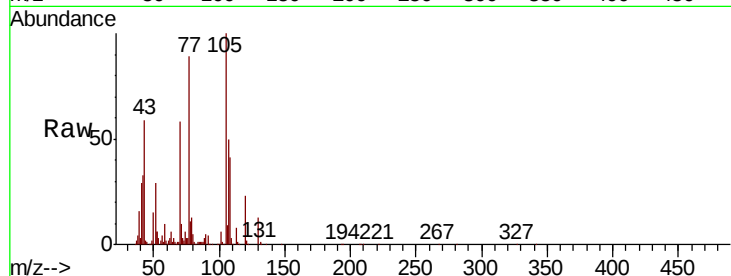




#19
n-Nitroso-di-n-propylamine
Concen: 39.092 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

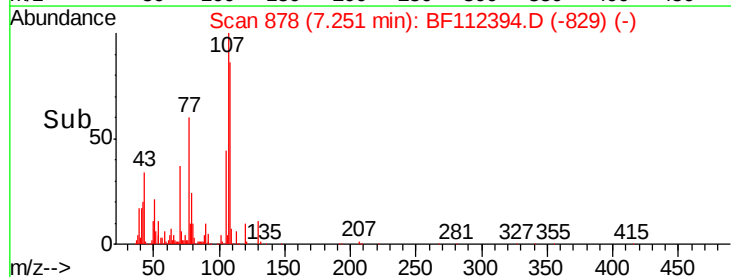
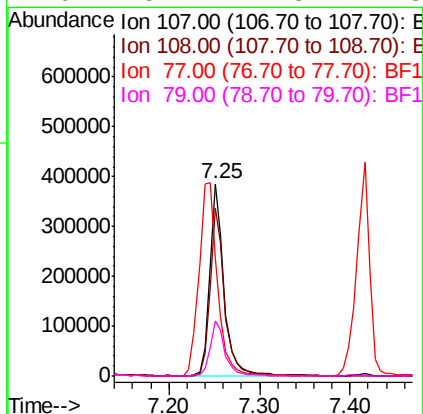
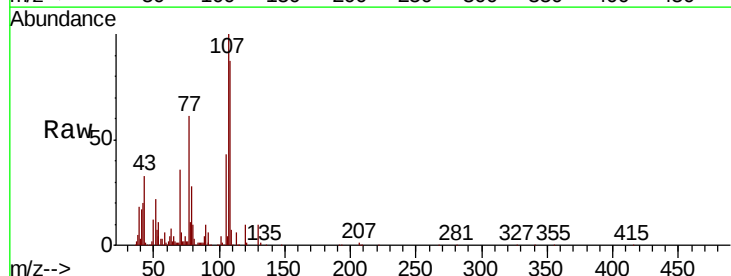
Instrument :
BNA_F
ClientSampleId :

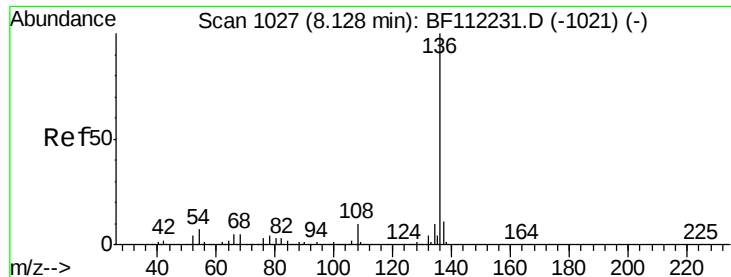
Tot Ion:	70	Resp:	275291
Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.6	71.4
101	10.3	7.9	11.9
130	22.6	18.4	27.6



#20
3+4-Methylphenols
Concen: 41.971 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion:	107	Resp:	420662
Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.2	108.2
77	61.1	100.7	140.7
79	28.4	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 603727

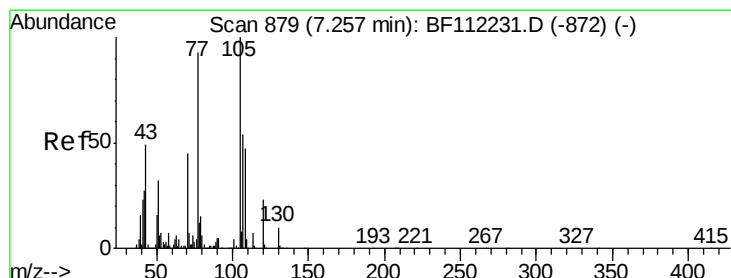
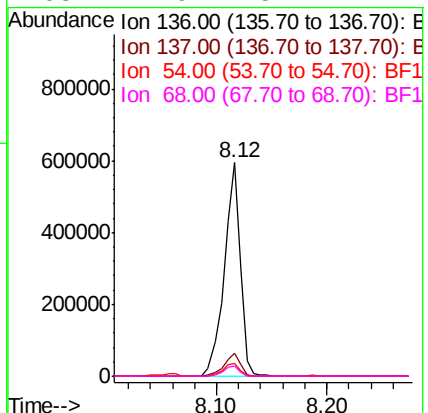
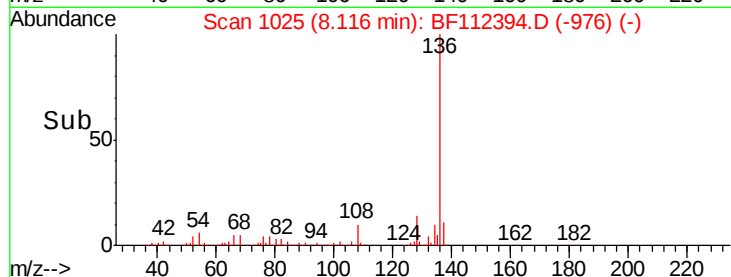
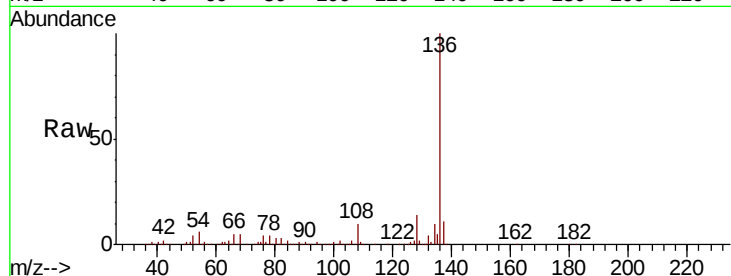
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.3 5.9 8.9

68 4.9 5.1 7.7#



#22

Acetophenone

Concen: 37.964 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Tgt Ion:105 Resp: 558095

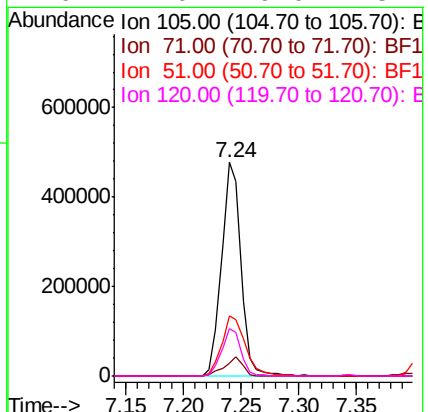
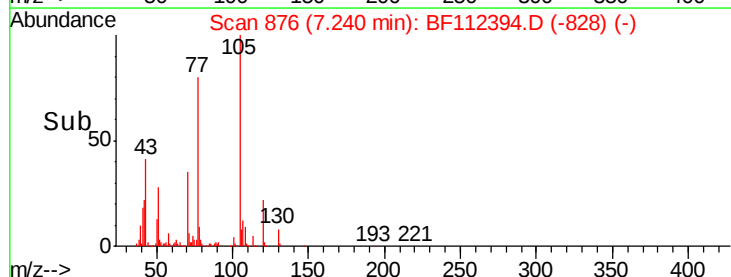
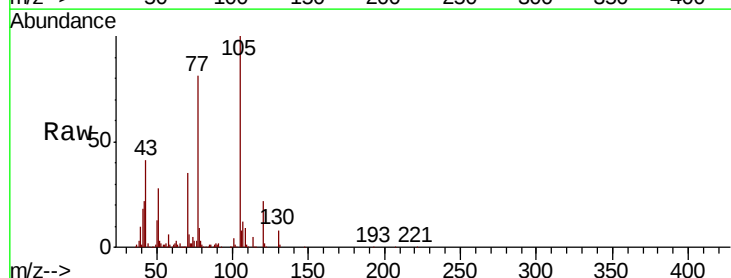
Ion Ratio Lower Upper

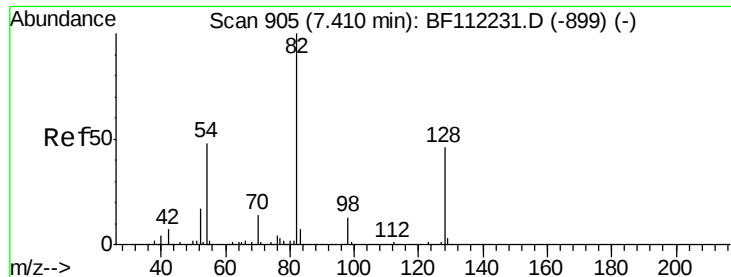
105 100

71 6.1 4.6 6.8

51 28.0 25.0 37.6

120 22.0 19.0 28.4

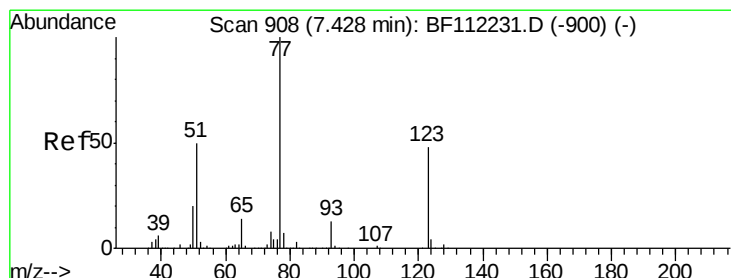
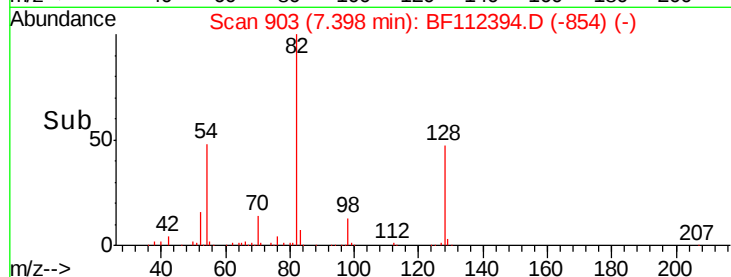
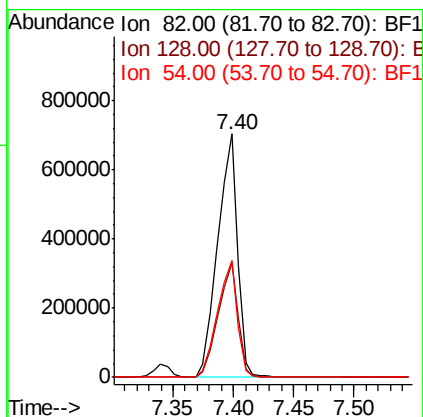
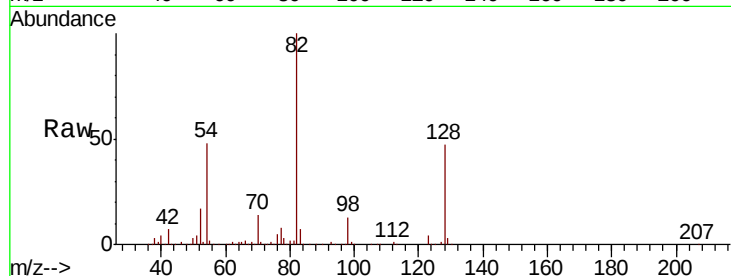




#23
Nitrobenzene-d5
Concen: 76.090 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

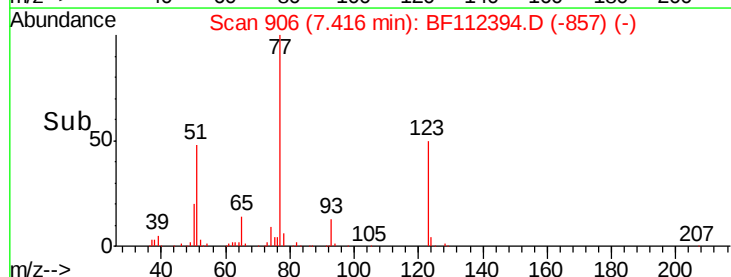
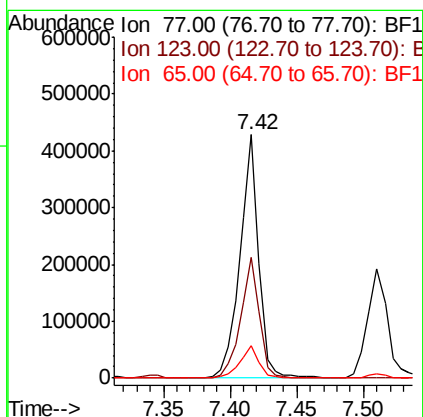
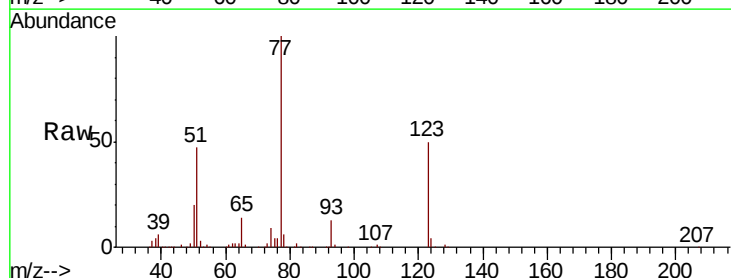
Instrument :
BNA_F
ClientSampleId :

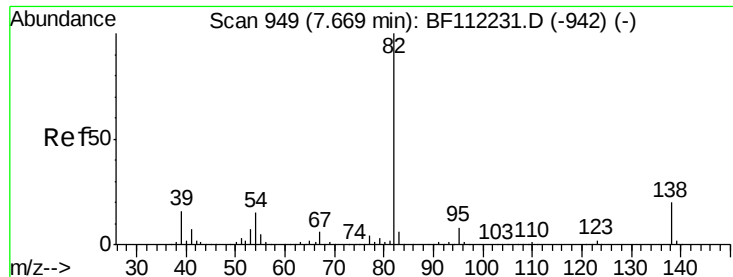
Tot Ion	82	Resp	797250
Ion Ratio	100	Lower	Upper
128	47.1	37.8	56.8
54	48.1	39.7	59.5



#24
Nitrobenzene
Concen: 39.576 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	77	Resp	414129
Ion Ratio	100	Lower	Upper
123	49.8	38.4	57.6
65	13.6	10.6	15.8





#25

Isophorone

Concen: 45.053 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

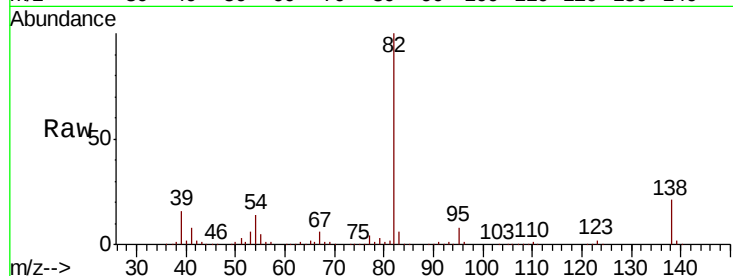
Tot Ion: 82 Resp: 740550

Ion Ratio Lower Upper

82 100

95 7.7 5.7 8.5

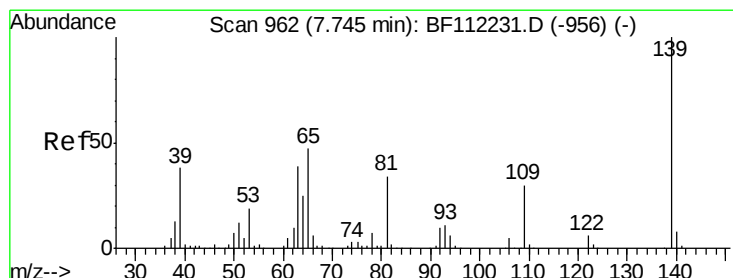
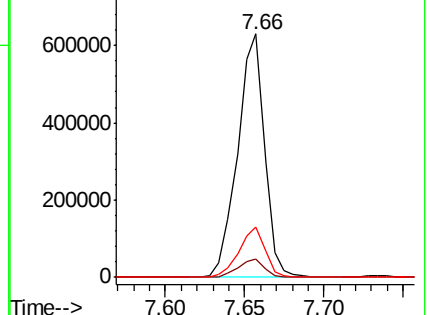
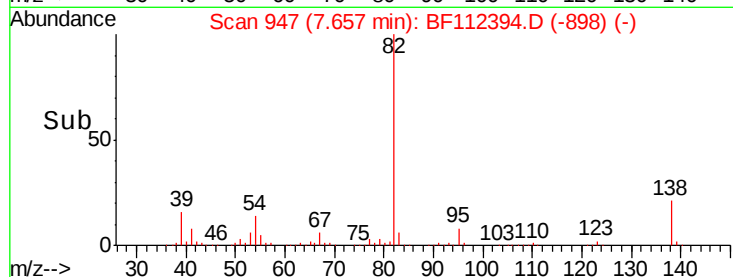
138 20.6 15.4 23.0



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: 40.809 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

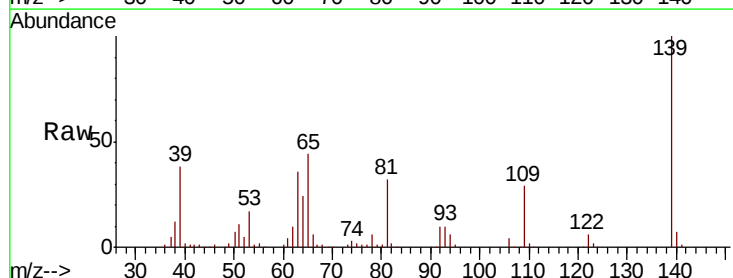
Tgt Ion: 139 Resp: 228215

Ion Ratio Lower Upper

139 100

109 28.9 20.8 31.2

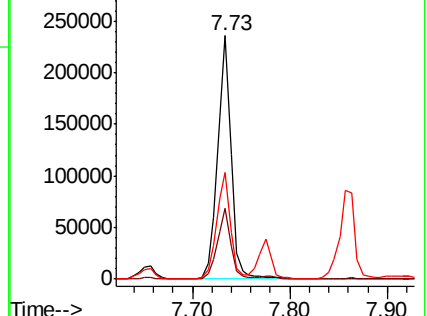
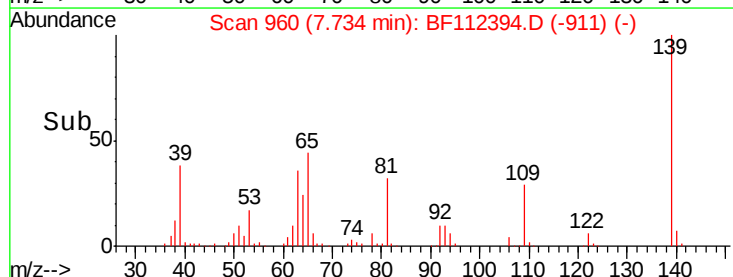
65 44.1 34.4 51.6

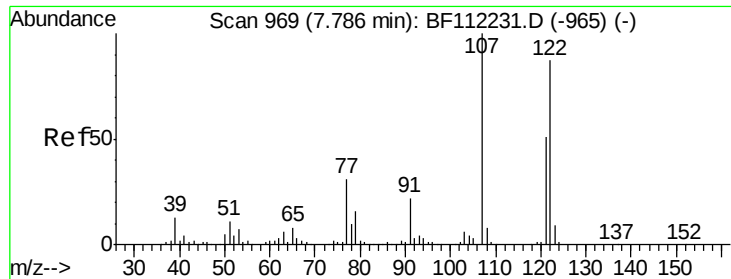


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

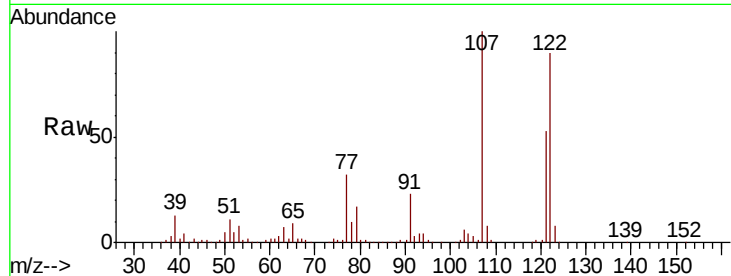




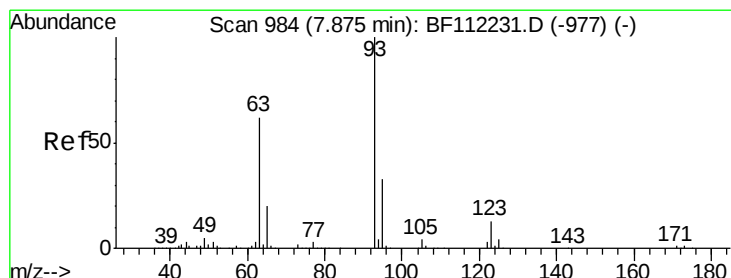
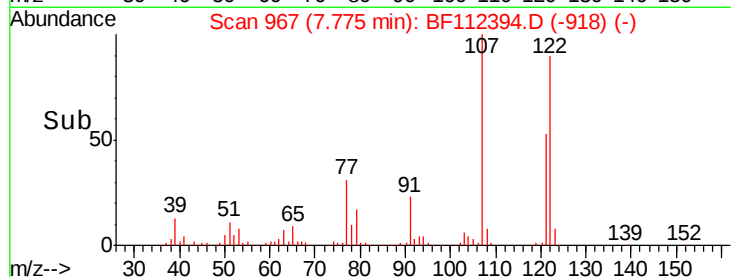
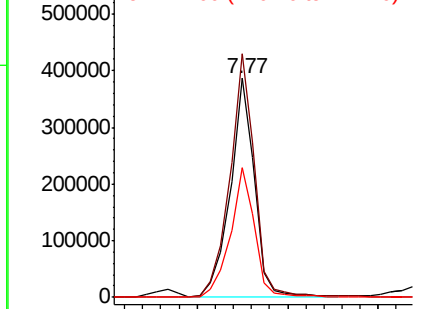
#27
2,4-Dimethylphenol
Concen: 46.787 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 360486
Ion Ratio Lower Upper
122 100
107 111.1 85.4 128.0
121 58.9 47.0 70.4

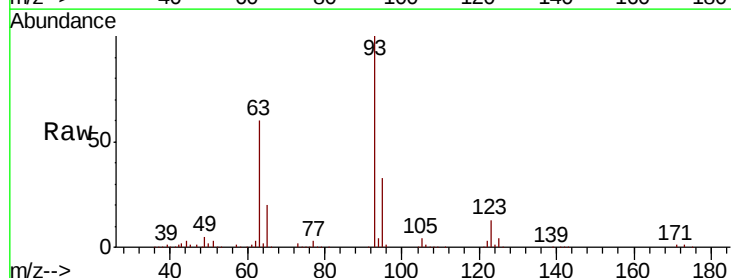


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

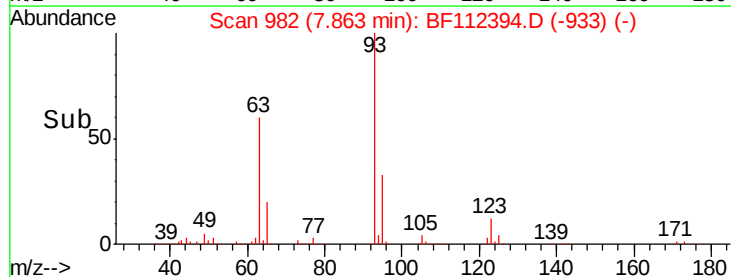
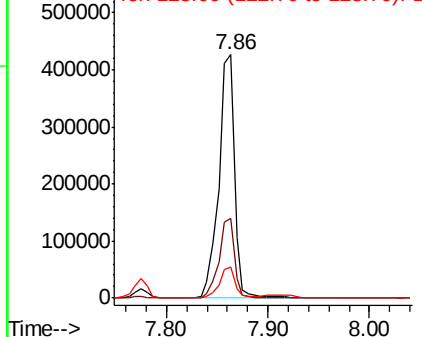


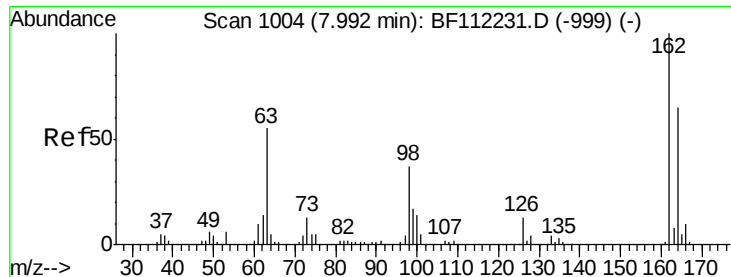
#28
bis(2-Chloroethoxy)methane
Concen: 41.282 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion: 93 Resp: 462039
Ion Ratio Lower Upper
93 100
95 32.7 26.8 40.2
123 12.7 10.2 15.2



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

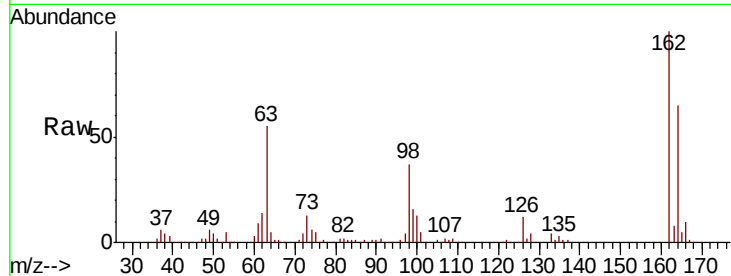




#29
 2,4-Dichlorophenol
 Concen: 41.531 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	37.0	14.6	54.6

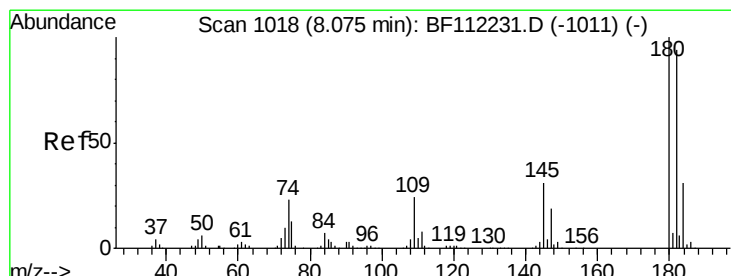
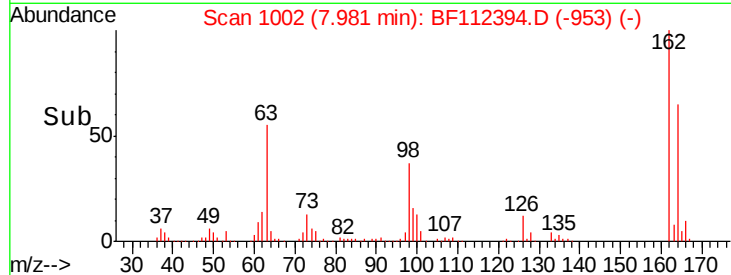
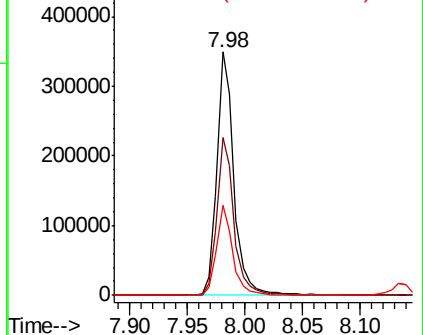


Abundance

Ion 162.00 (161.70 to 162.70): E

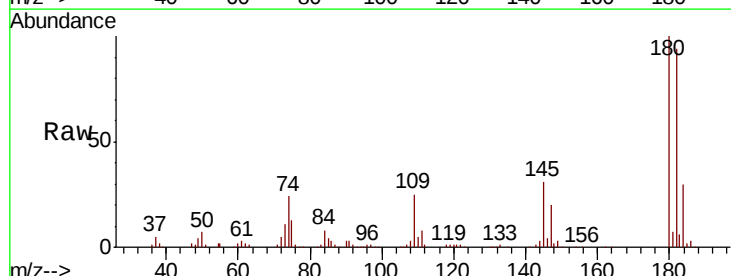
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.135 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.4	114.6
145	30.8	25.0	37.4

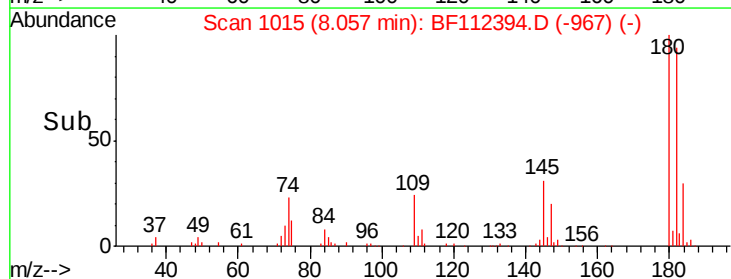
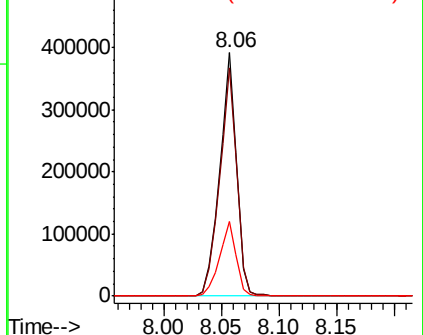


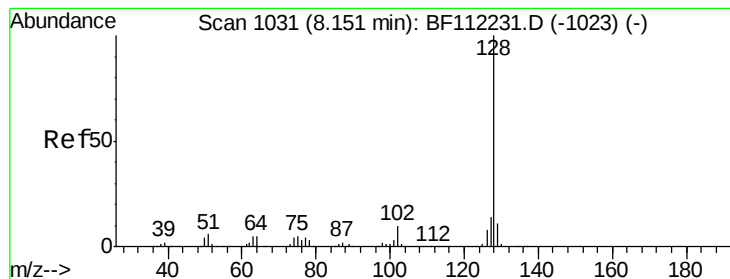
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.751 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

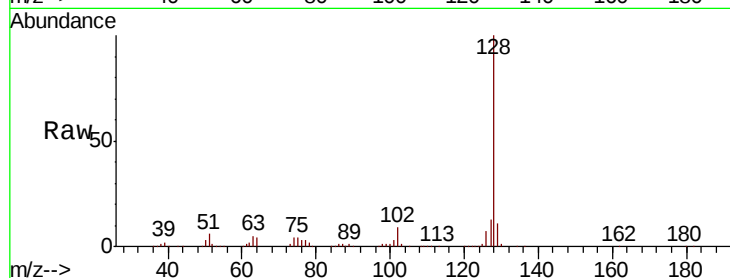
Tot Ion:128 Resp: 1206973

Ion Ratio Lower Upper

128 100

129 11.0 9.6 14.4

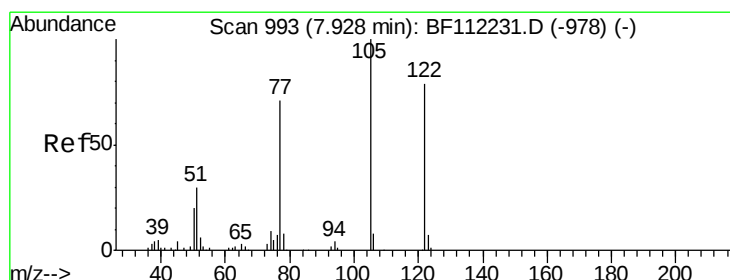
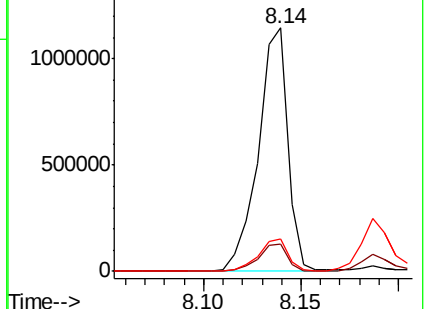
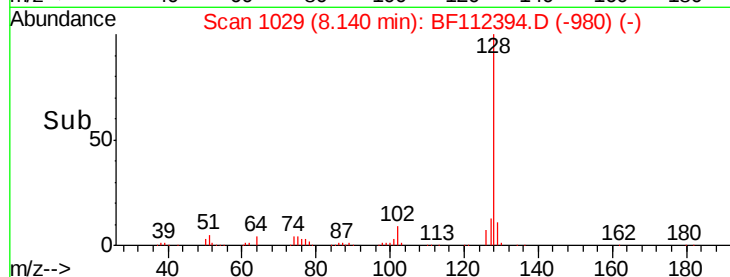
127 13.3 11.1 16.7



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: 45.750 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

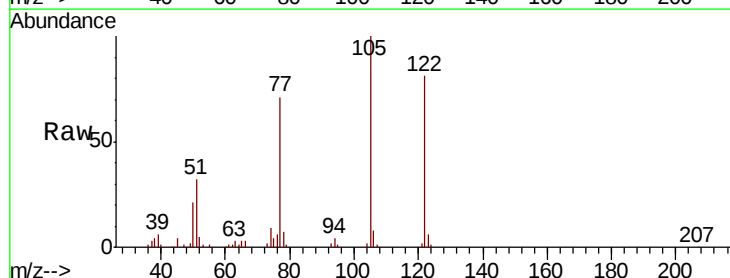
Tgt Ion:122 Resp: 201068

Ion Ratio Lower Upper

122 100

105 123.0 101.2 141.2

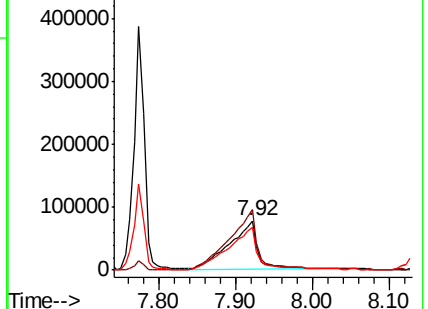
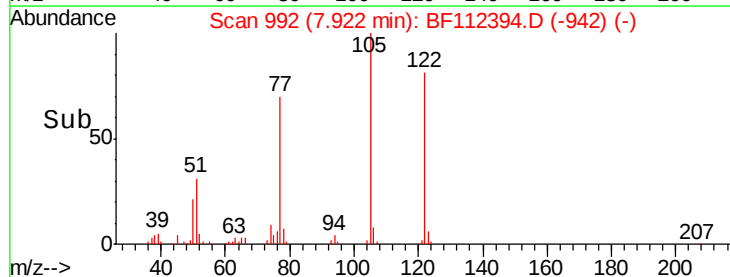
77 87.0 70.4 110.4

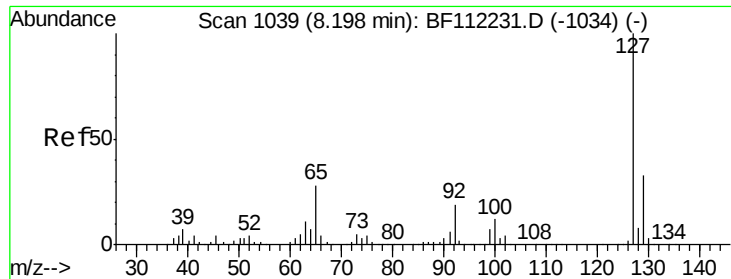


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

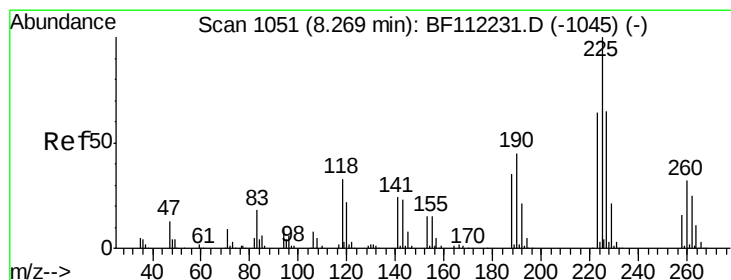
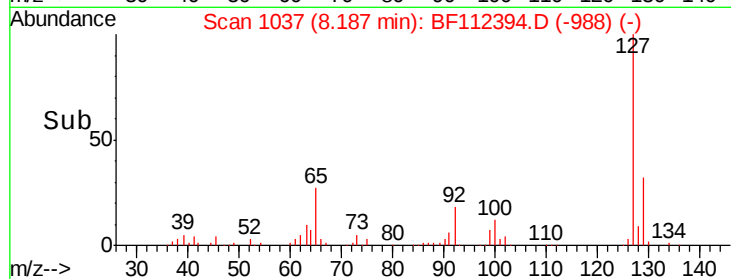
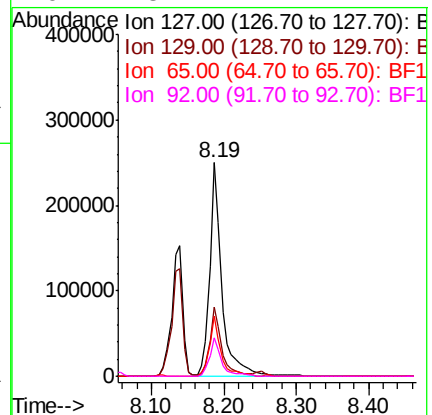
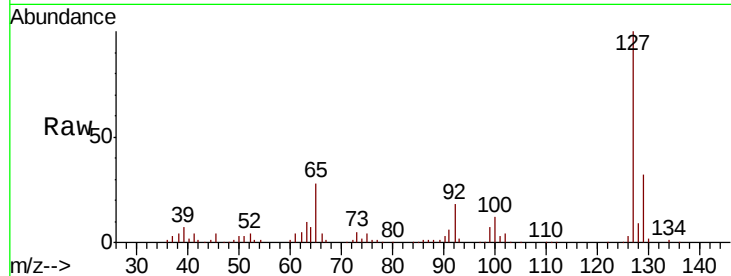




#33
4-Chloroaniline
Concen: 23.936 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

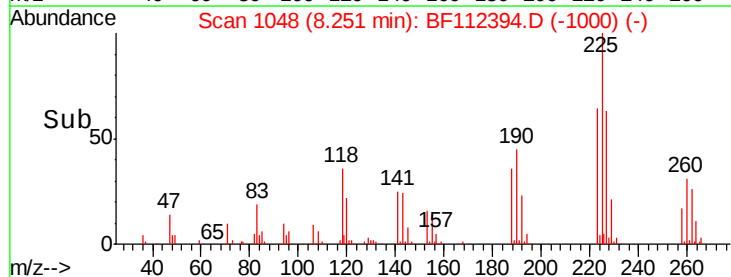
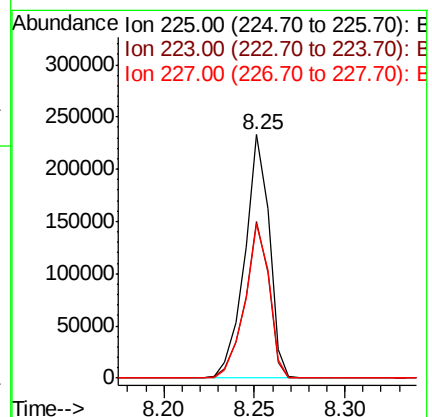
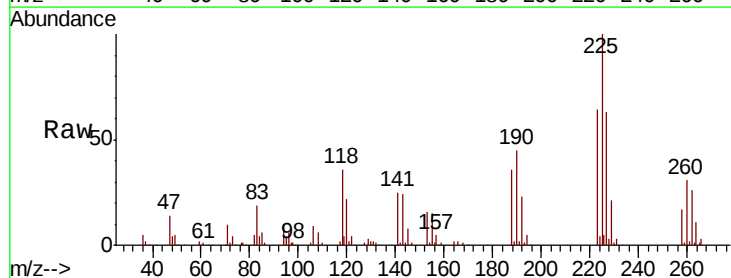
Instrument :
BNA_F
ClientSampleId :

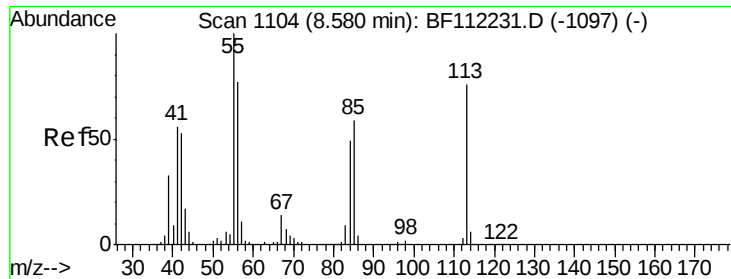
Tot Ion:127	Resp:	294250
Ion Ratio	Lower	Upper
127	100	
129	32.4	26.6 39.8
65	28.1	21.4 32.2
92	18.1	14.2 21.2



#34
Hexachlorobutadiene
Concen: 37.589 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion:225	Resp:	218615
Ion Ratio	Lower	Upper
225	100	
223	64.5	50.3 75.5
227	63.4	51.8 77.8





#35

Caprolactam

Concen: 21.554 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

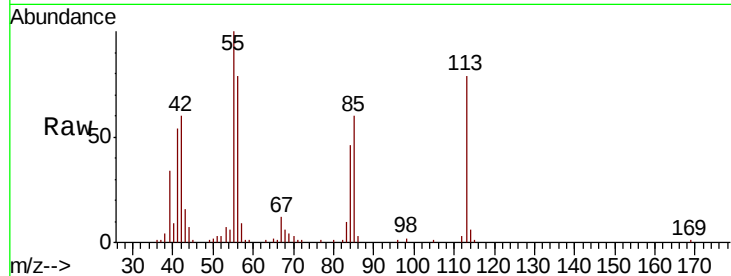
Tot Ion:113 Resp: 65561

Ion Ratio Lower Upper

113 100

55 126.1 121.6 161.6

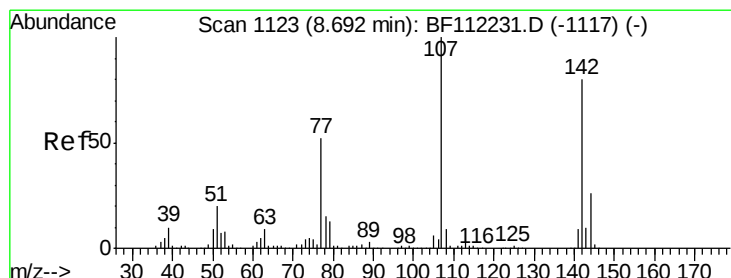
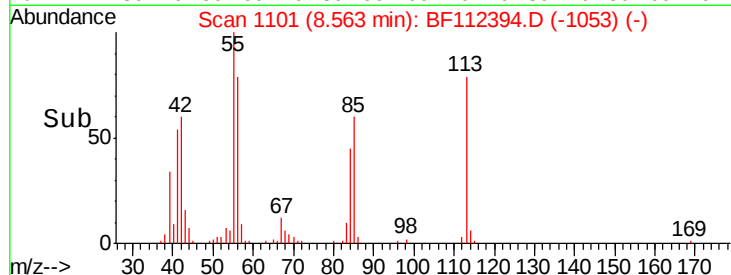
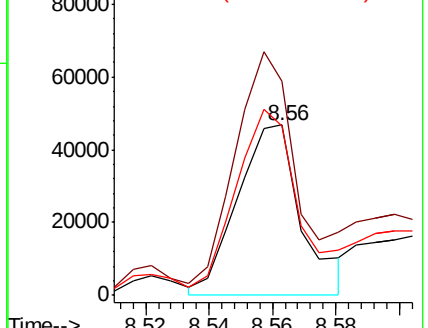
56 99.6 86.7 126.7



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: 40.541 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

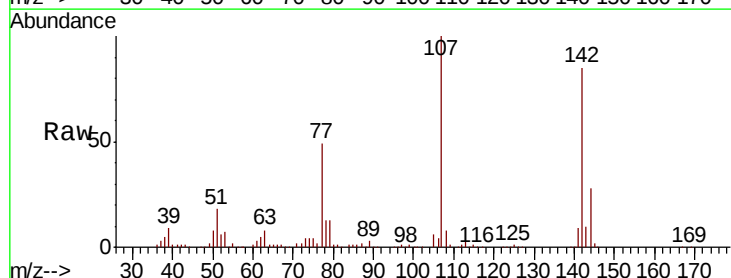
Tgt Ion:107 Resp: 370040

Ion Ratio Lower Upper

107 100

144 28.4 22.2 33.2

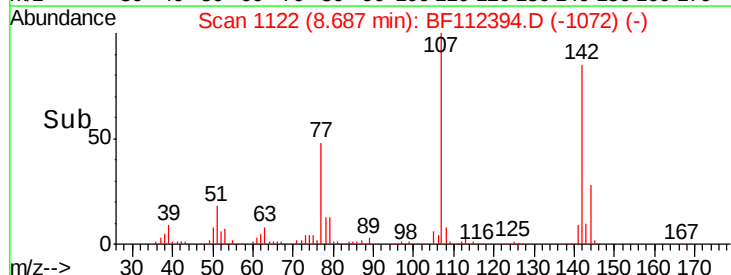
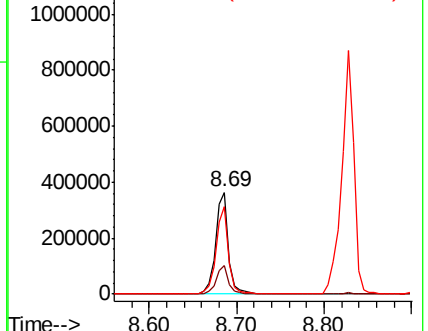
142 85.4 67.7 101.5

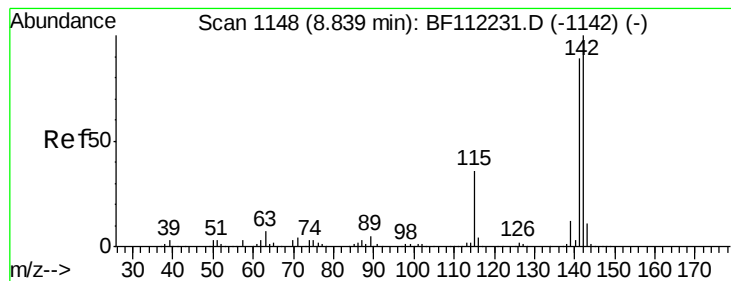


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

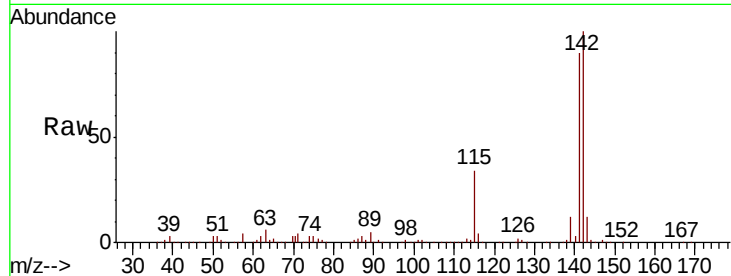




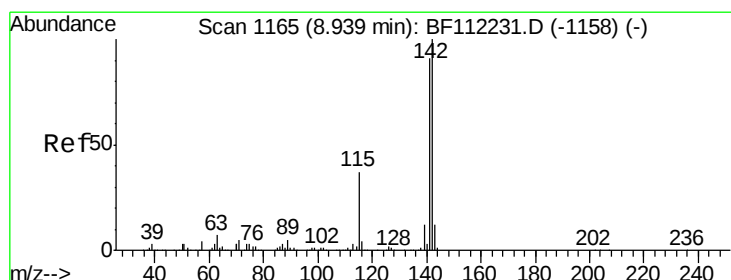
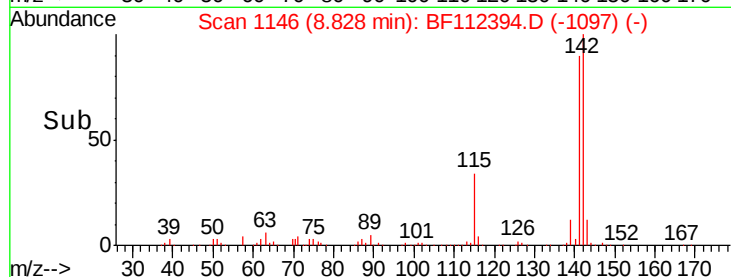
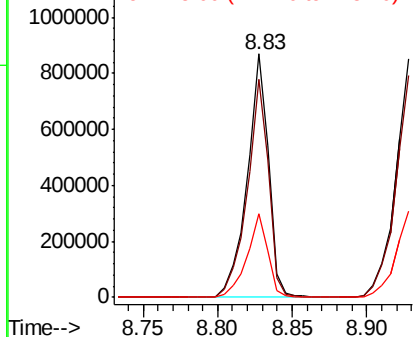
#37
2-Methylnaphthalene
Concen: 44.058 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 851534
Ion Ratio Lower Upper
142 100
141 89.6 70.9 106.3
115 34.5 24.9 37.3

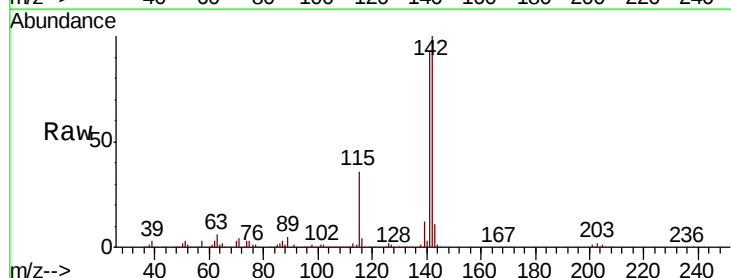


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

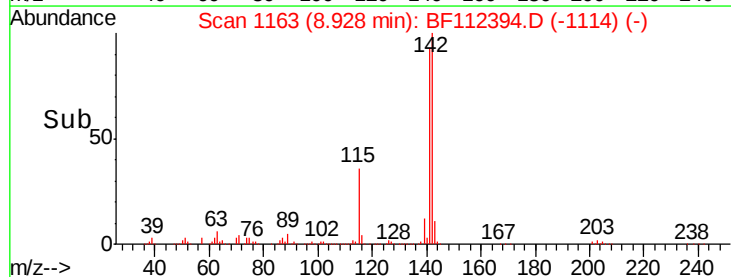
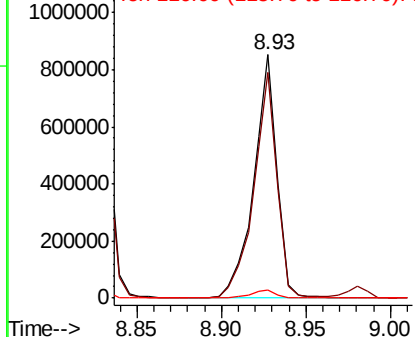


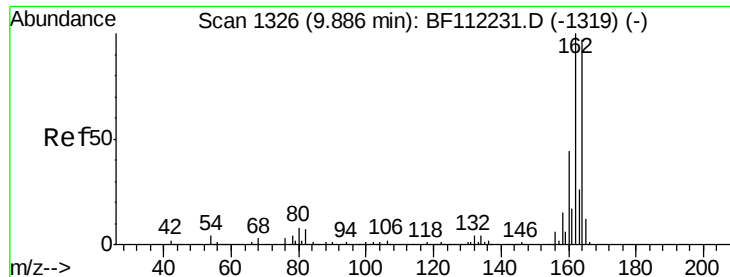
#38
1-Methylnaphthalene
Concen: 43.631 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion:142 Resp: 808283
Ion Ratio Lower Upper
142 100
141 92.8 72.6 108.8
116 3.6 2.8 4.2



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

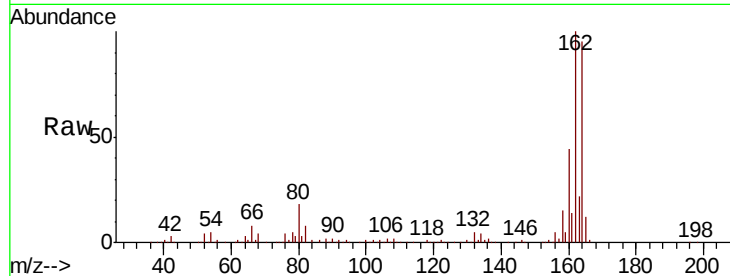




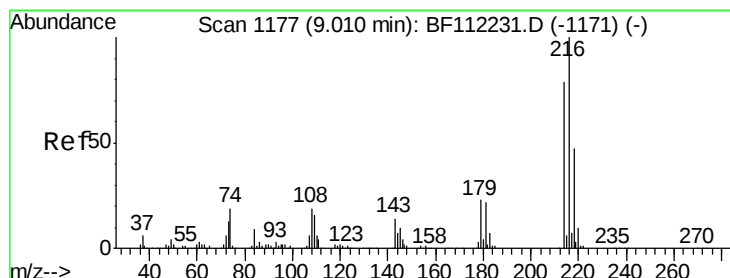
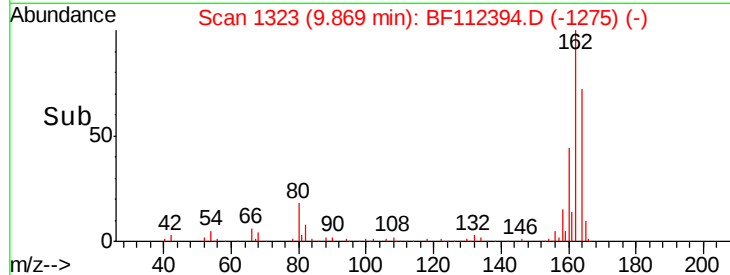
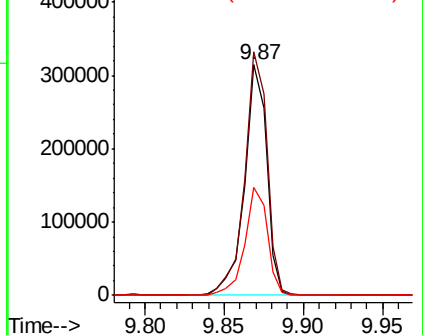
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 305429
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.2 123.4
 160 46.7 36.2 54.4

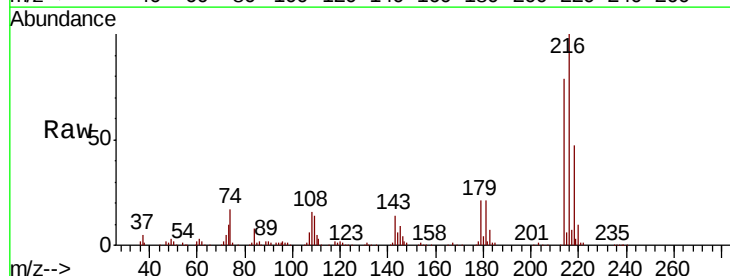


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

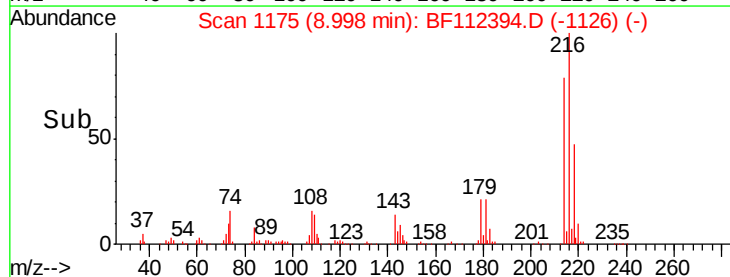
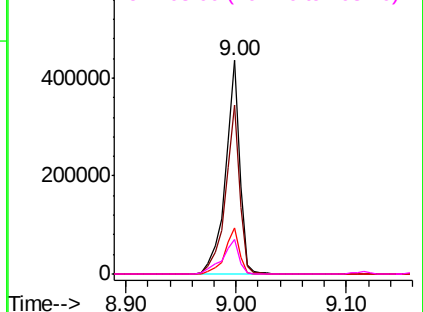


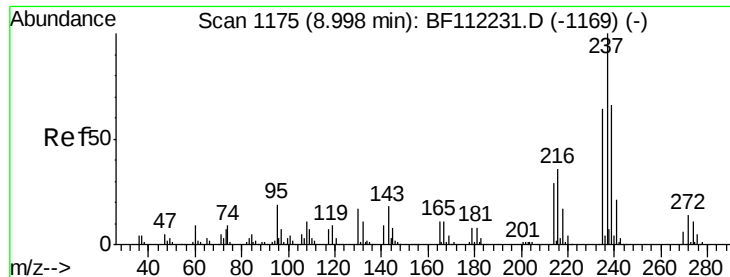
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.200 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Tgt Ion:216 Resp: 393114
 Ion Ratio Lower Upper
 216 100
 214 78.3 63.8 95.6
 179 21.5 16.9 25.3
 108 19.1 14.2 21.4



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: 71.781 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

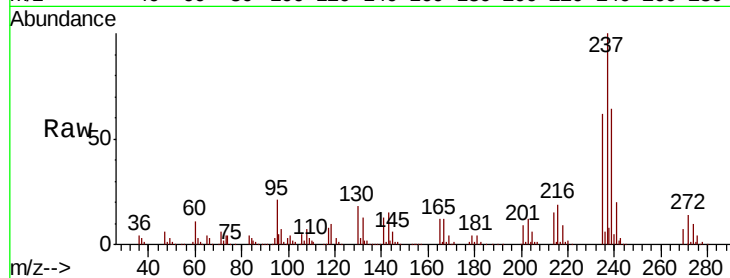
Tot Ion:237 Resp: 268601

Ion Ratio Lower Upper

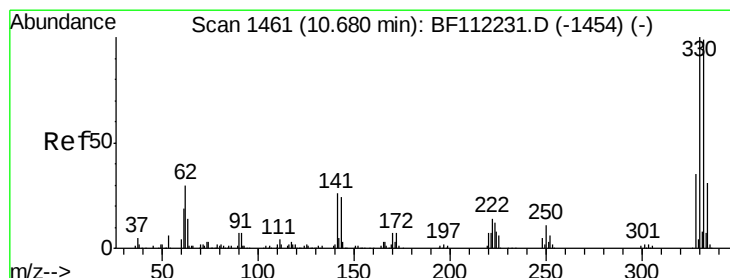
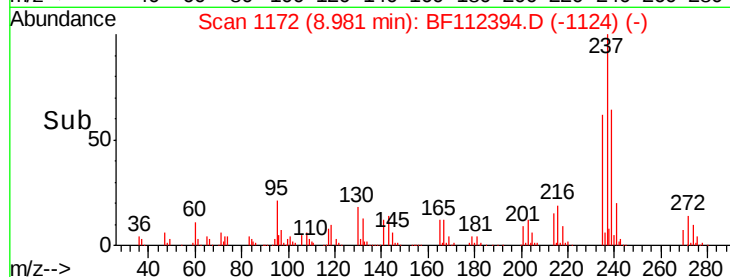
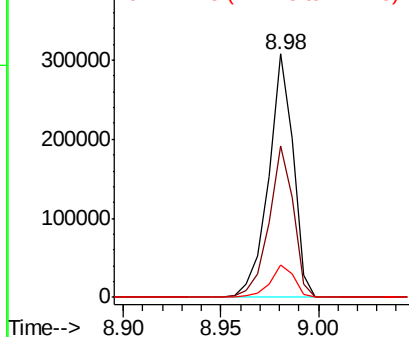
237 100

235 62.3 44.0 84.0

272 13.5 0.0 33.3



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: 142.680 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

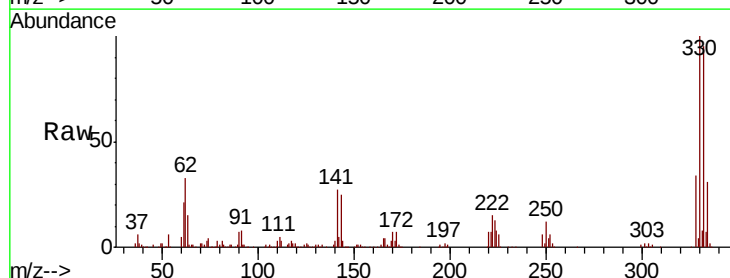
Tgt Ion:330 Resp: 507243

Ion Ratio Lower Upper

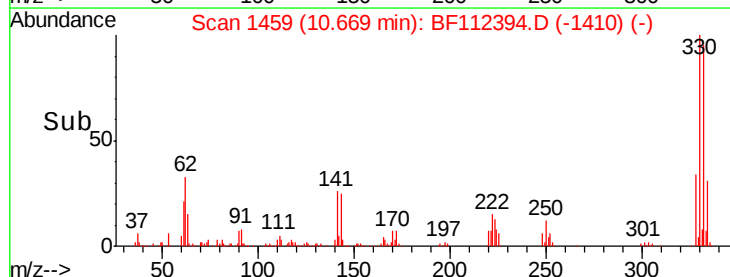
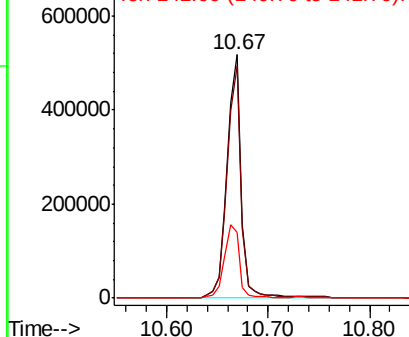
330 100

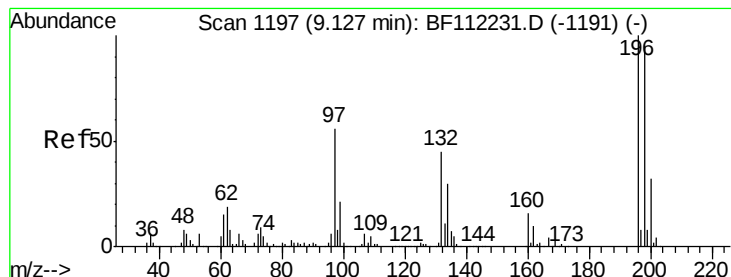
332 96.3 76.6 114.8

141 31.9 24.3 36.5



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





#43

2,4,6-Trichlorophenol

Concen: 40.217 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampled :

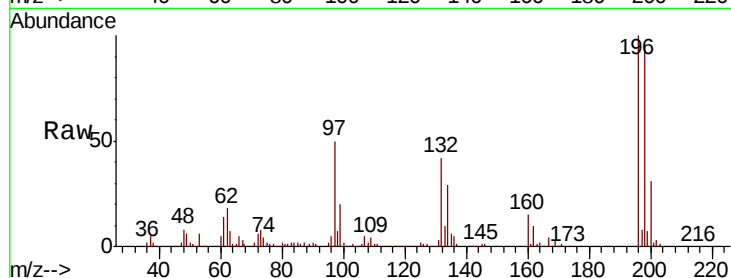
Tot Ion:196 Resp: 248601

Ion Ratio Lower Upper

196 100

198 96.1 76.2 114.4

200 30.8 24.3 36.5

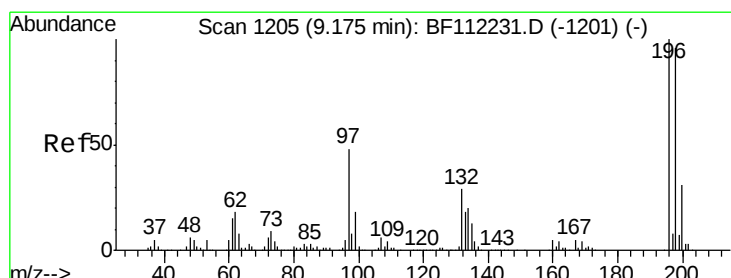
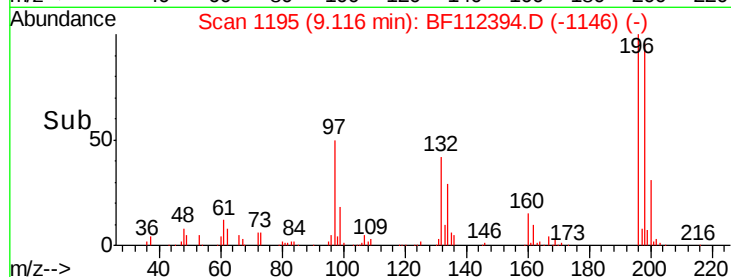
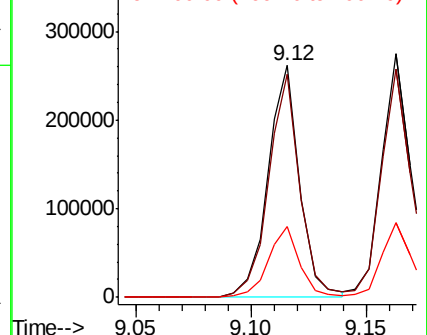


Abundance

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: 40.725 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Tgt Ion:196 Resp: 263104

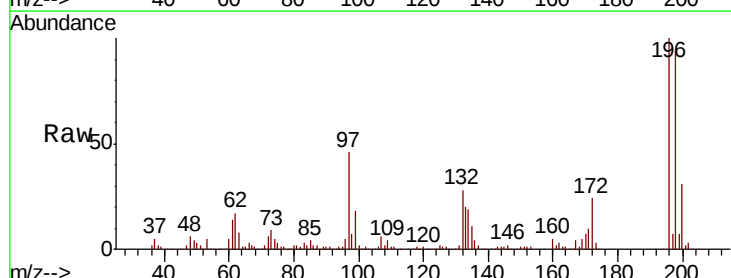
Ion Ratio Lower Upper

196 100

198 93.7 76.0 114.0

97 46.2 36.4 54.6

132 27.8 21.5 32.3



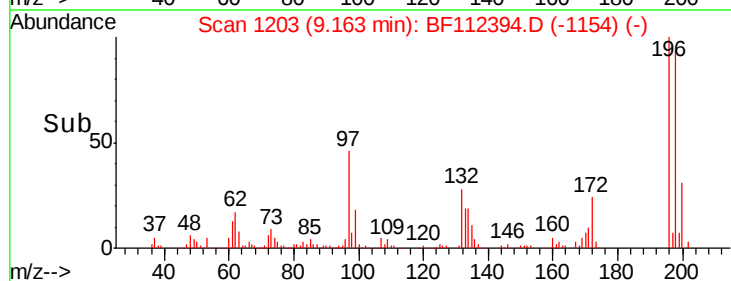
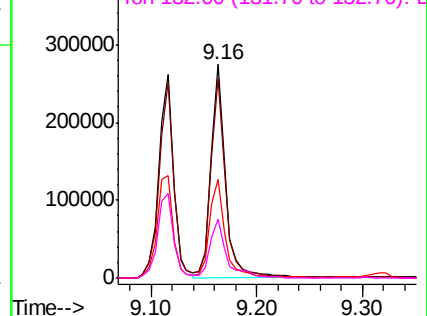
Abundance

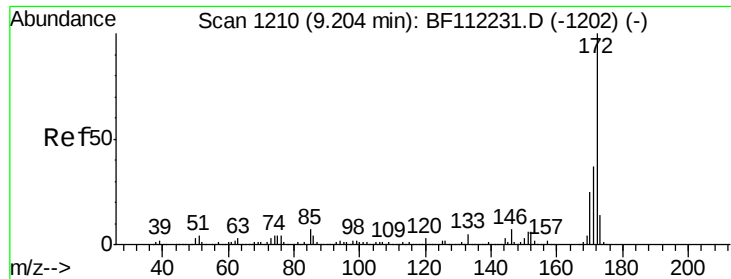
Ion 196.00 (195.70 to 196.70): E

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

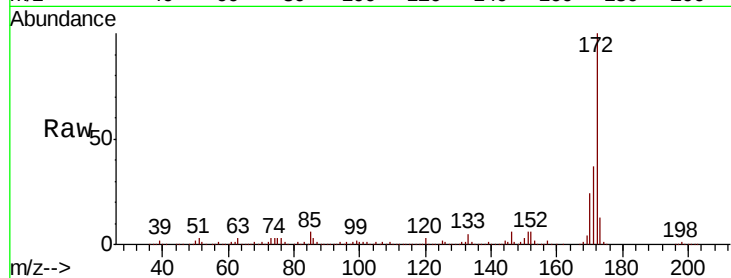




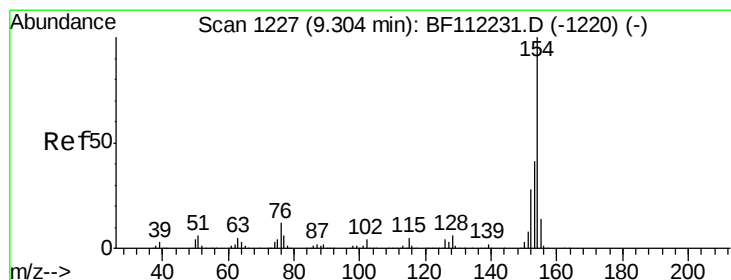
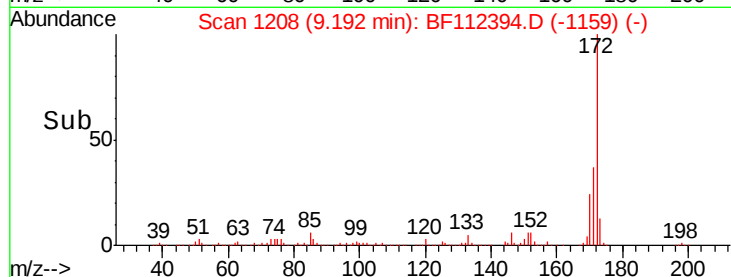
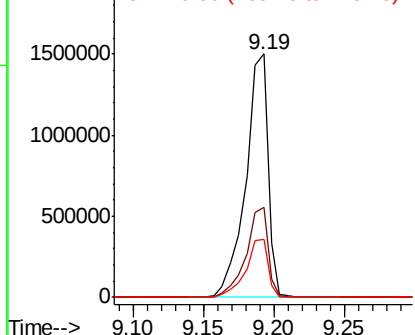
#45
2-Fluorobiphenyl
Concen: 77.383 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1671098
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 23.9 20.2 30.4

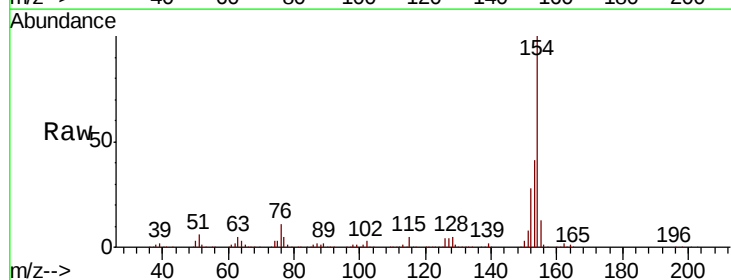


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

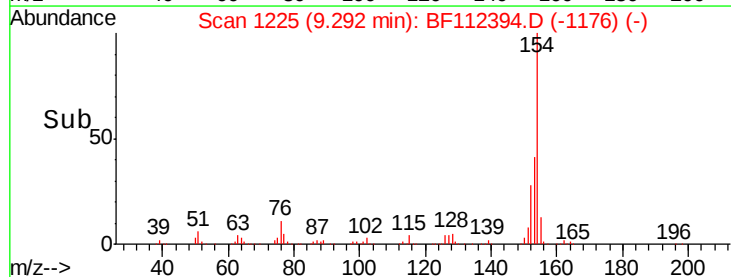
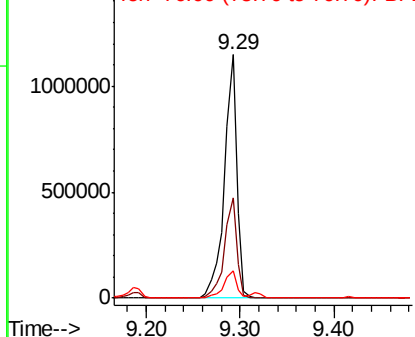


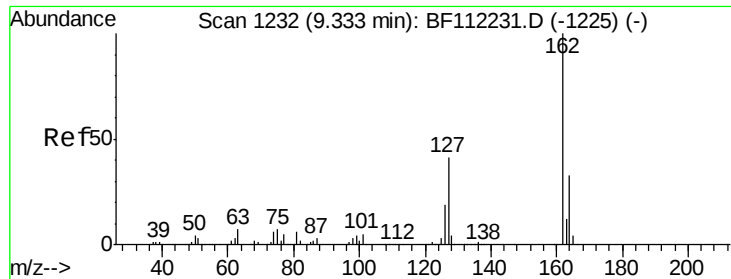
#46
1,1'-Biphenyl
Concen: 39.614 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion:154 Resp: 1057754
Ion Ratio Lower Upper
154 100
153 41.1 21.5 61.5
76 11.1 0.0 33.1



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: 39.125 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.02 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampled :

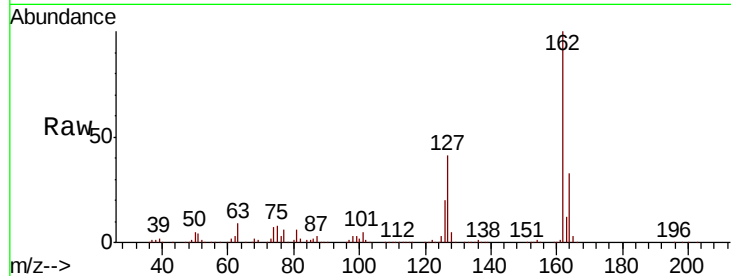
Tot Ion:162 Resp: 810137

Ion Ratio Lower Upper

162 100

127 41.0 30.4 45.6

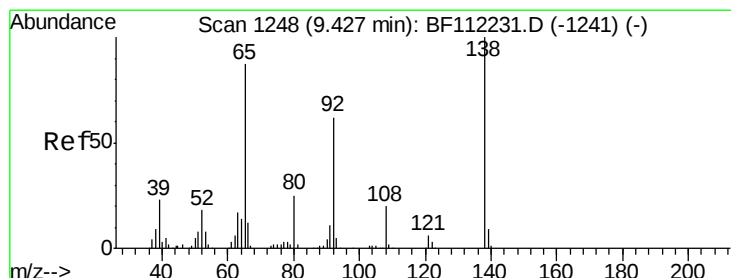
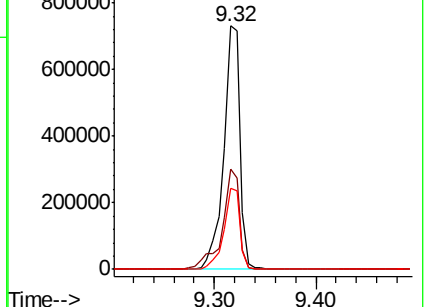
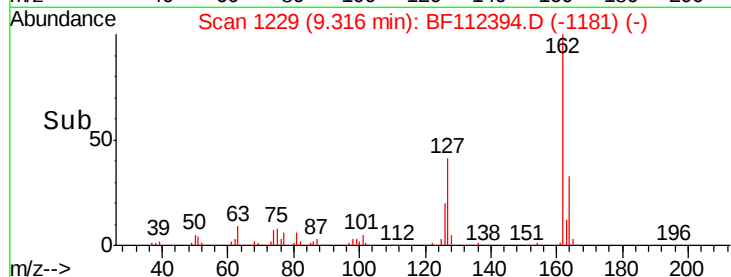
164 33.5 27.4 41.2



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: 40.148 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

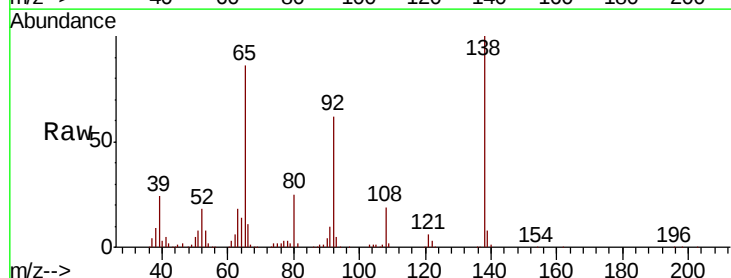
Tgt Ion: 65 Resp: 226584

Ion Ratio Lower Upper

65 100

92 72.0 60.4 90.6

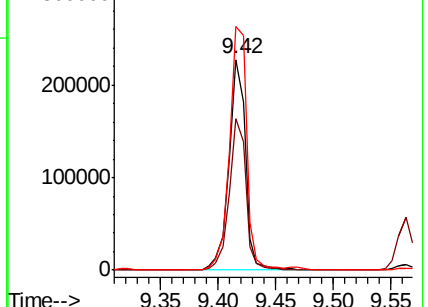
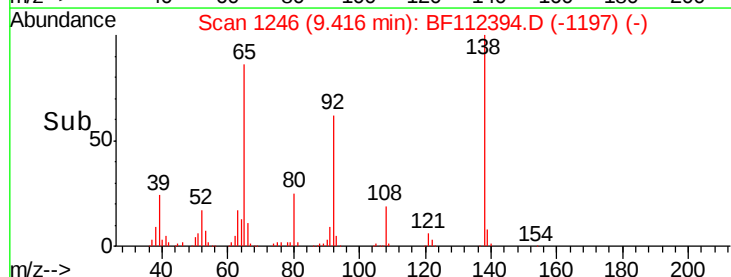
138 115.7 104.4 156.6

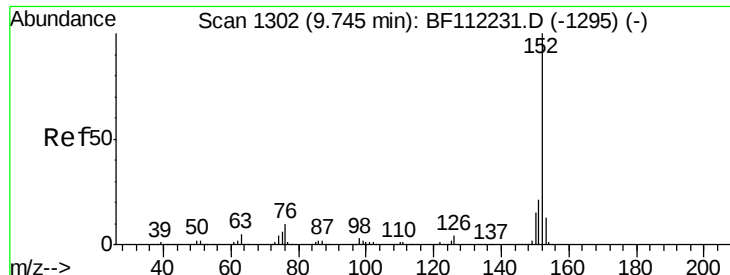


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.546 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

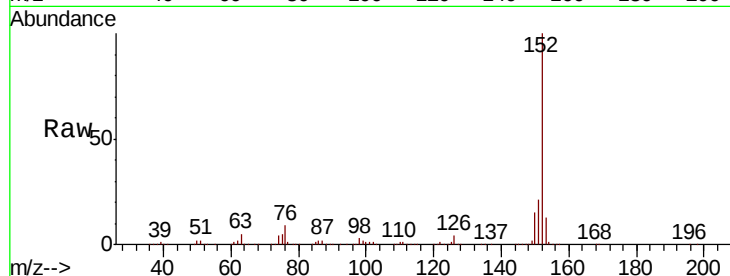
Tot Ion:152 Resp: 1291251

Ion Ratio Lower Upper

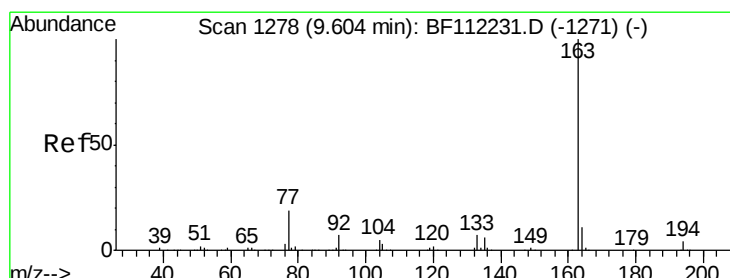
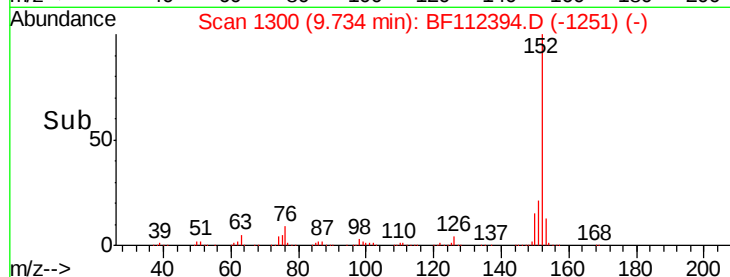
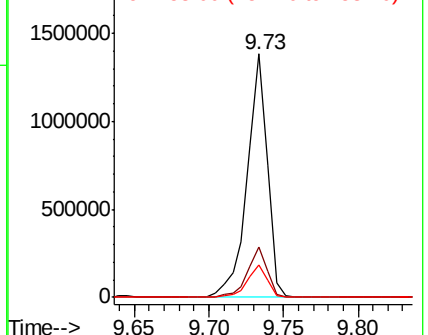
152 100

151 20.6 17.0 25.6

153 13.3 11.2 16.8



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



#50

Dimethylphthalate

Concen: 40.419 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

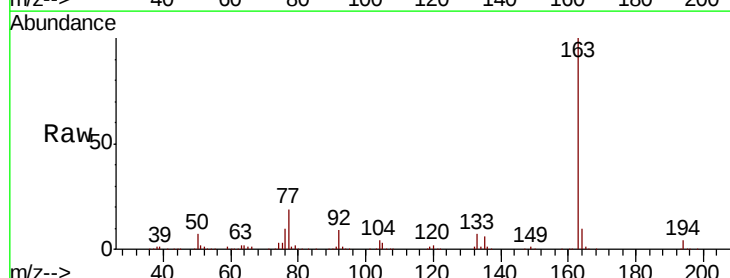
Tgt Ion:163 Resp: 959165

Ion Ratio Lower Upper

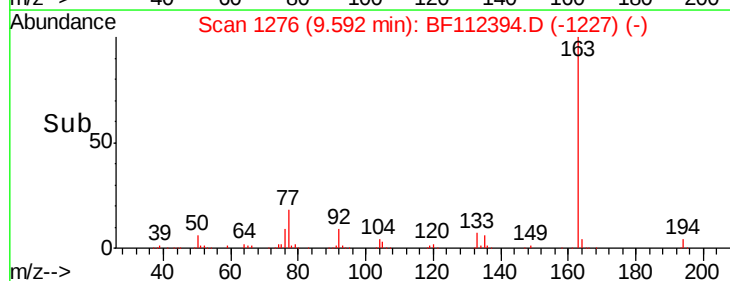
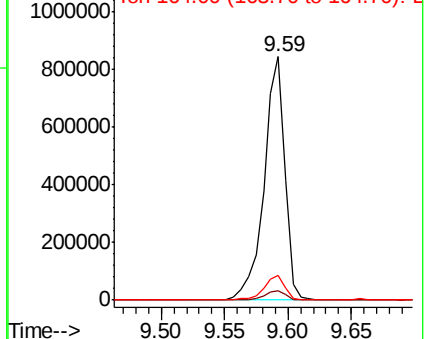
163 100

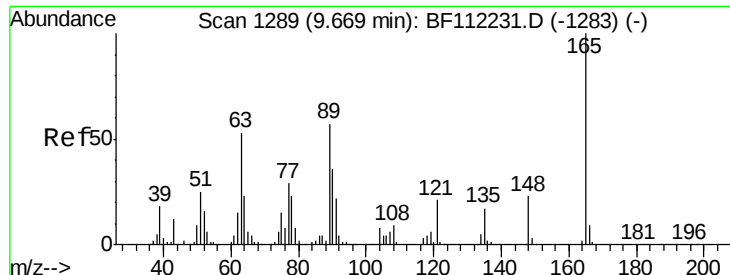
194 4.0 3.3 4.9

164 10.4 8.5 12.7



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

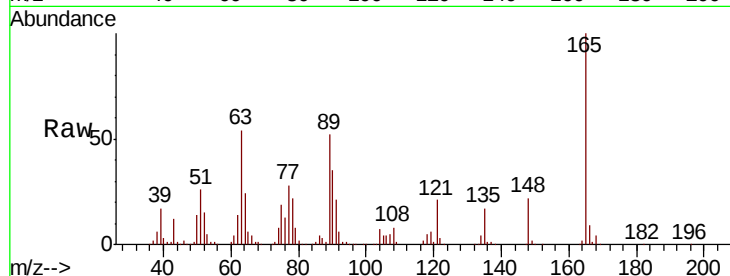




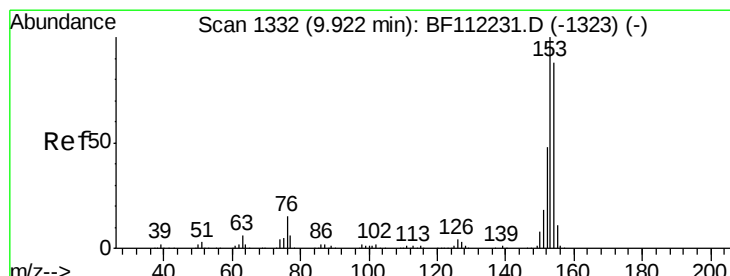
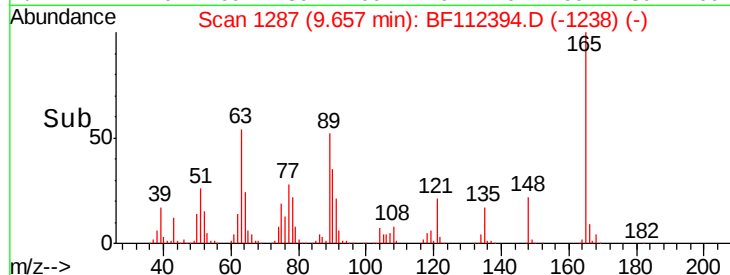
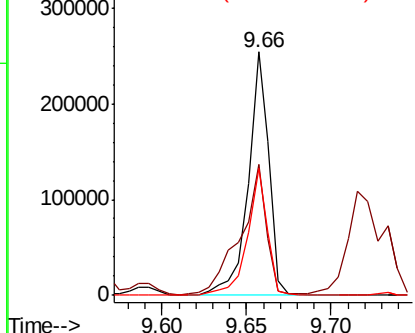
#51
2,6-Dinitrotoluene
Concen: 40.973 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 217757
Ion Ratio Lower Upper
165 100
63 54.0 33.8 50.8#
89 52.3 36.9 55.3

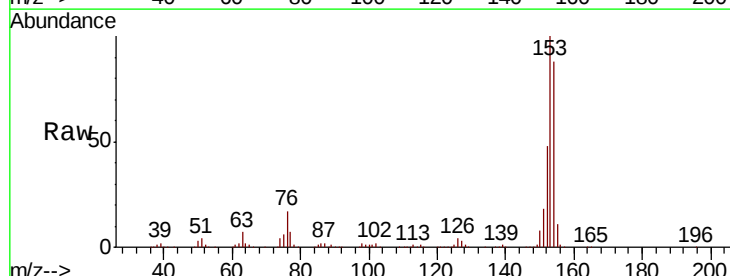


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

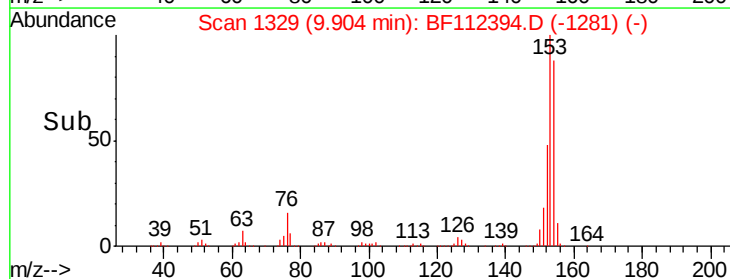
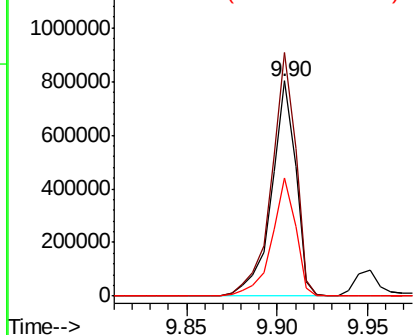


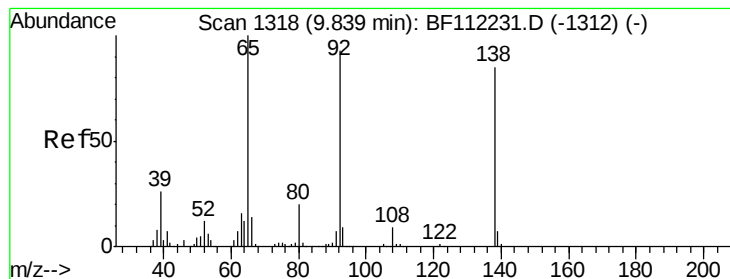
#52
Acenaphthene
Concen: 40.961 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion:154 Resp: 742610
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.6
152 54.8 43.5 65.3



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: 25.962 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

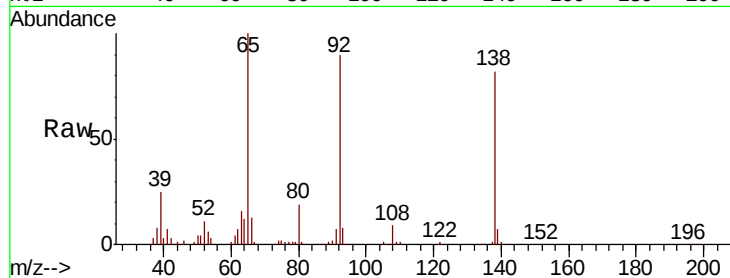
Tot Ion:138 Resp: 149485

Ion Ratio Lower Upper

138 100

108 10.8 9.8 14.6

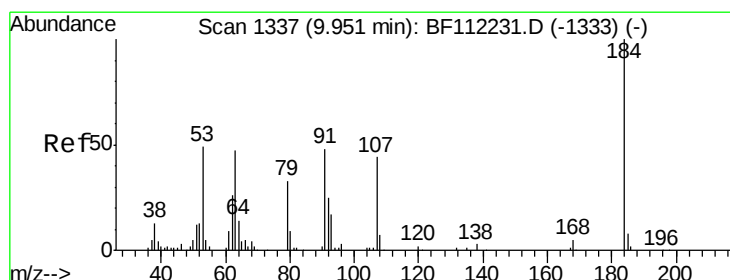
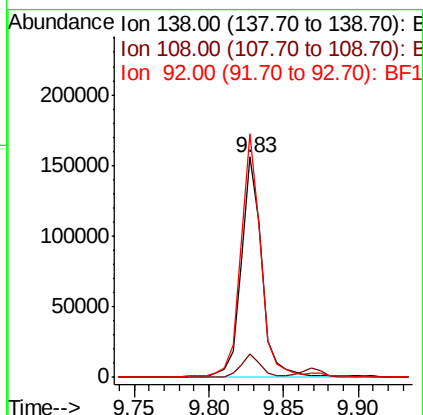
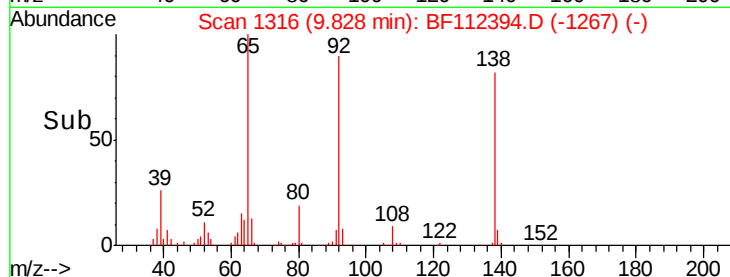
92 110.7 79.4 119.2



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: 91.625 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

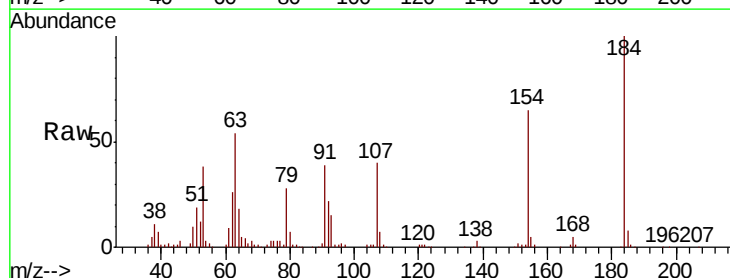
Tgt Ion:184 Resp: 156278

Ion Ratio Lower Upper

184 100

63 53.9 47.1 70.7

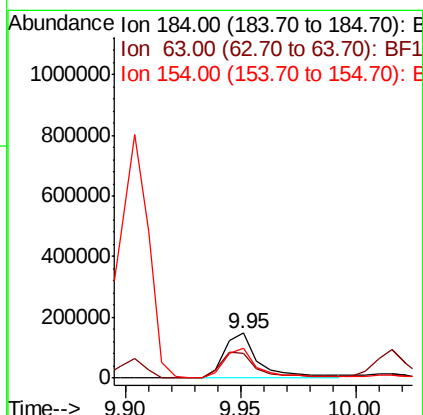
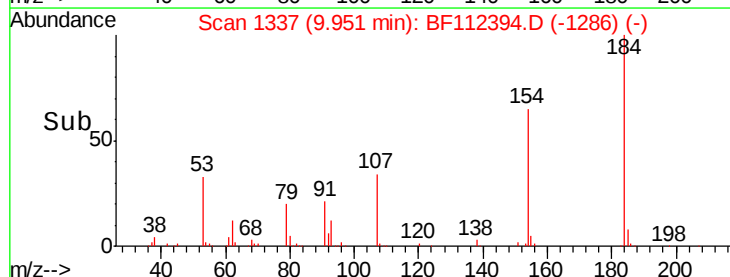
154 65.4 48.9 73.3

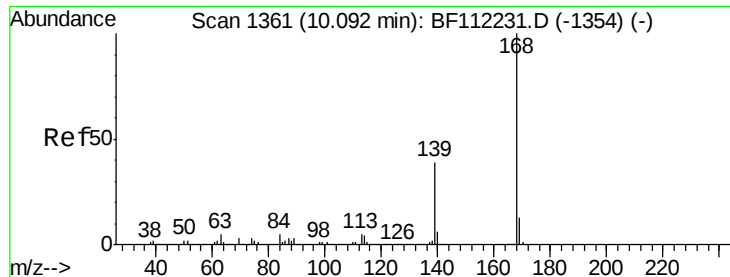


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

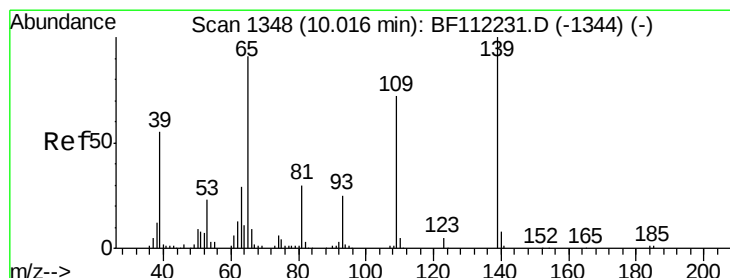
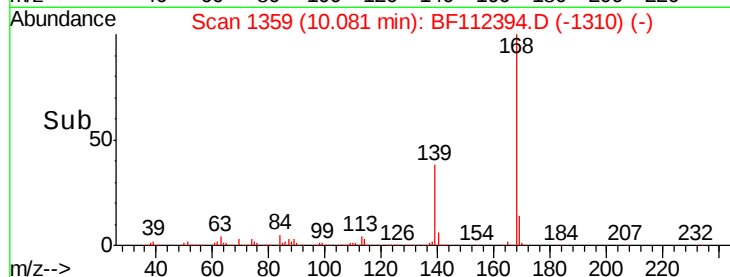
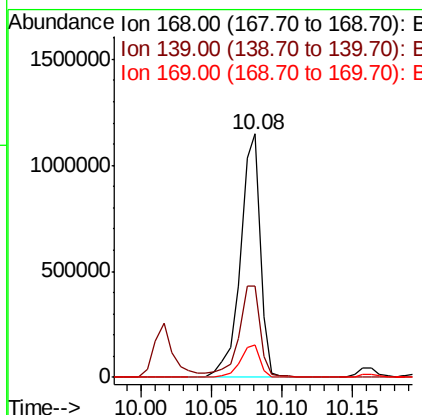
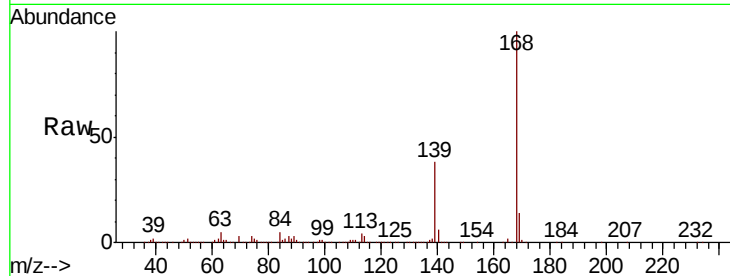




#55
Dibenzenofuran
Concen: 40.637 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

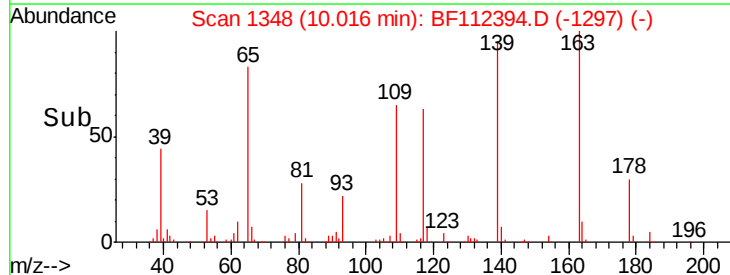
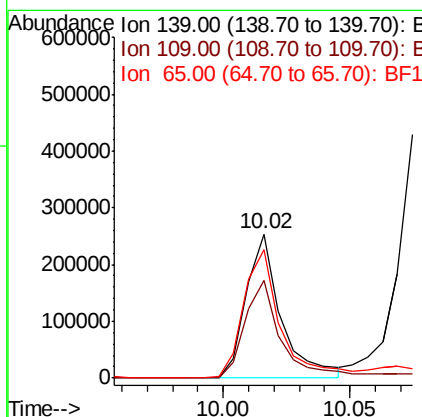
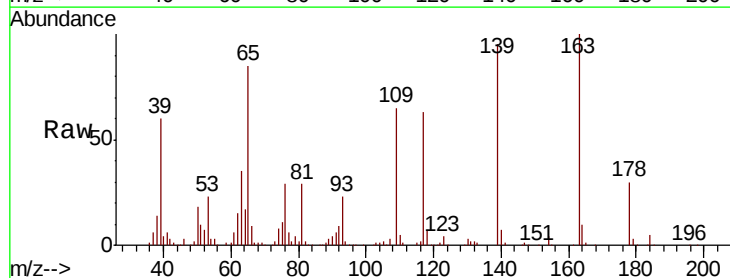
Instrument :
BNA_F
ClientSampleId :

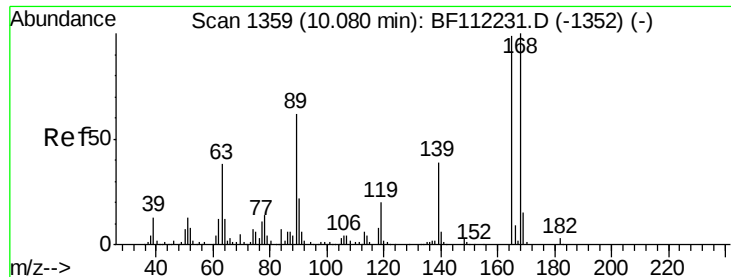
Tot Ion:168 Resp: 1125853
Ion Ratio Lower Upper
168 100
139 37.7 29.2 43.8
169 13.5 11.4 17.0



#56
4-Nitrophenol
Concen: 80.369 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion:139 Resp: 244650
Ion Ratio Lower Upper
139 100
109 67.9 42.8 82.8
65 88.9 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 42.977 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 290783

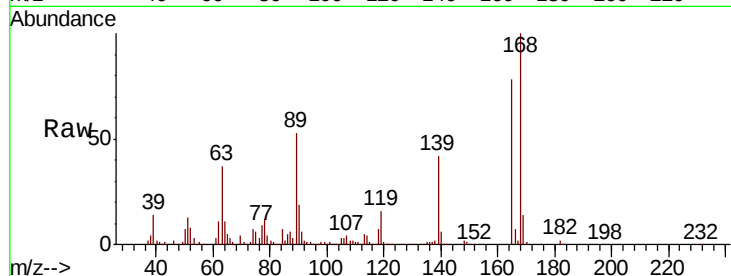
Ion Ratio Lower Upper

165 100

63 47.4 27.9 41.9#

89 67.8 47.9 71.9

182 2.8 2.2 3.4

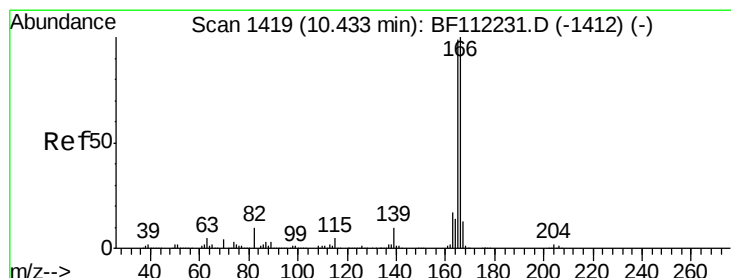
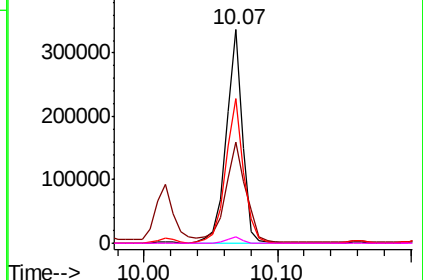
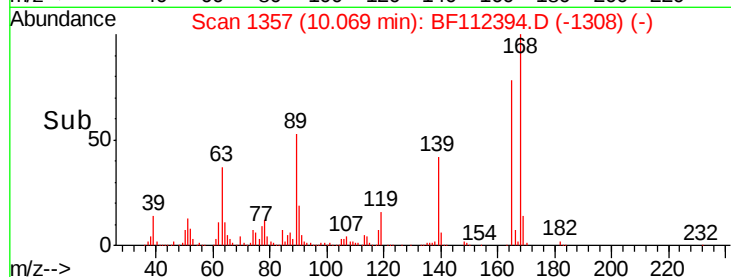


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.856 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

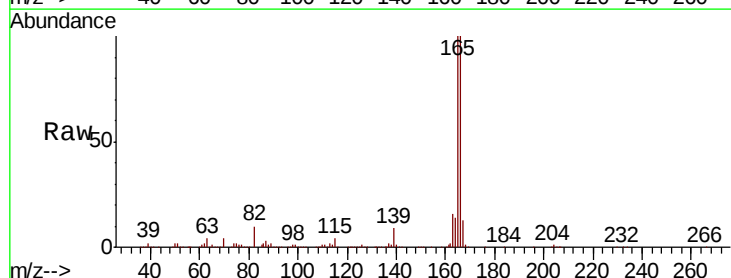
Tgt Ion:166 Resp: 909246

Ion Ratio Lower Upper

166 100

165 100.0 77.1 115.7

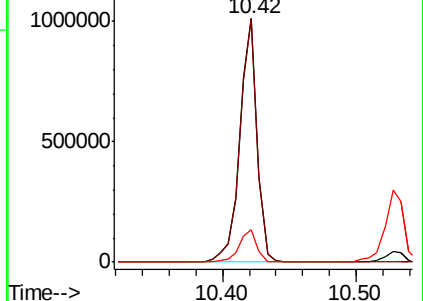
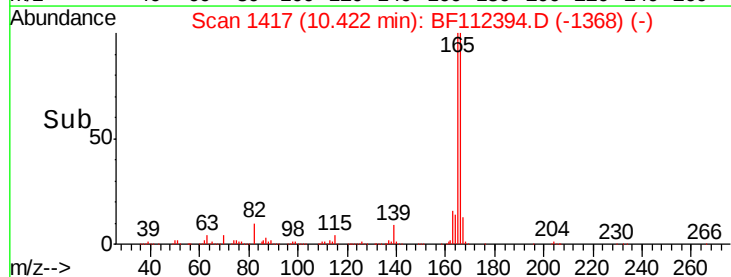
167 13.4 11.3 16.9

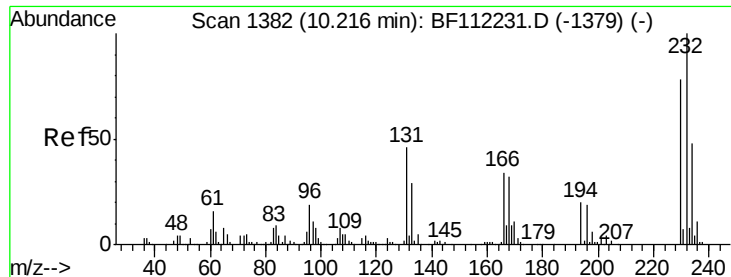


Abundance Ion 166.00 (165.70 to 166.70): E

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: 36.870 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.05 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 180006

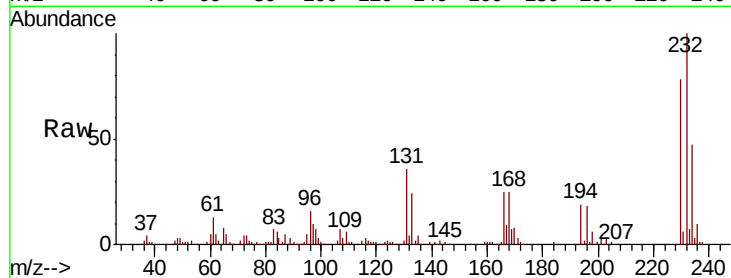
Ion Ratio Lower Upper

232 100

131 41.7 33.9 50.9

130 2.2 1.8 2.6

166 27.2 23.6 35.4

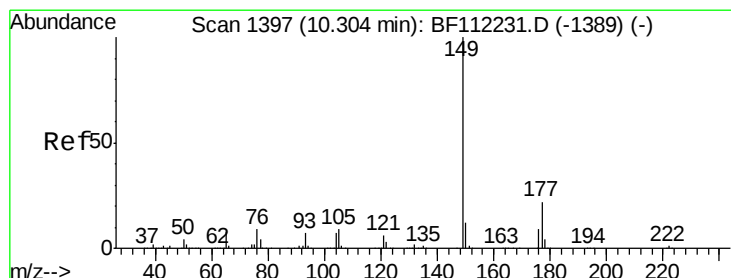
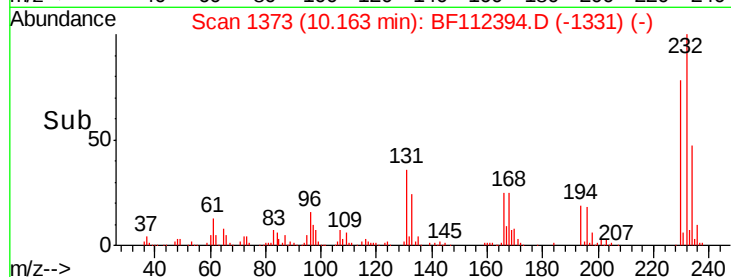
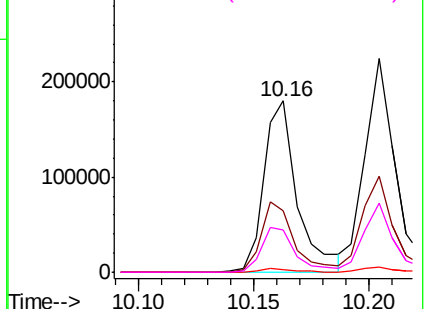


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.732 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

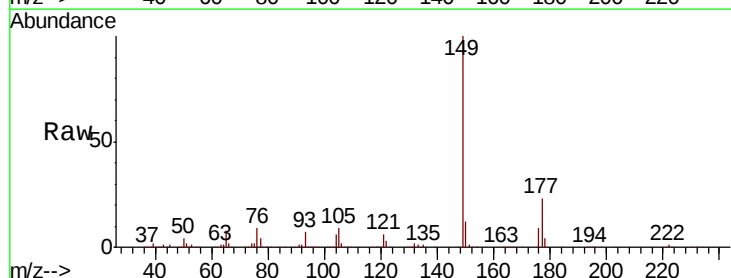
Tgt Ion:149 Resp: 959223

Ion Ratio Lower Upper

149 100

177 22.6 18.2 27.2

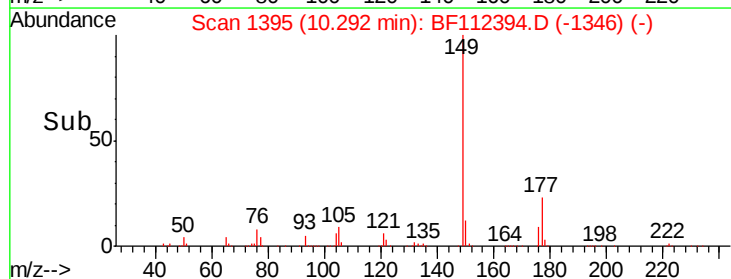
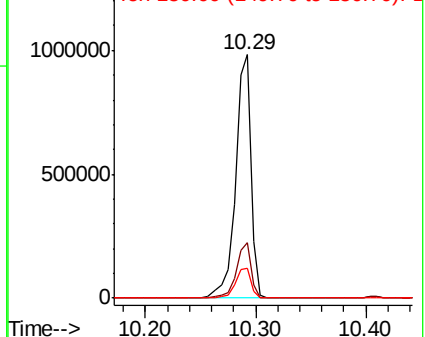
150 12.4 10.4 15.6

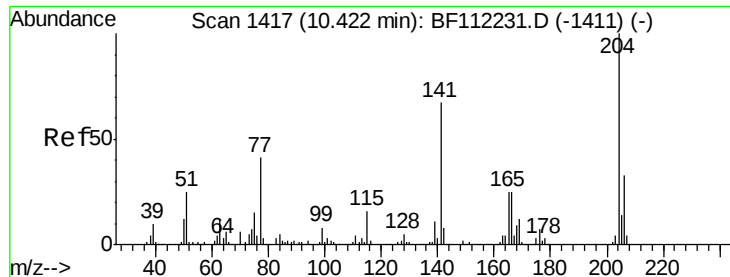


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

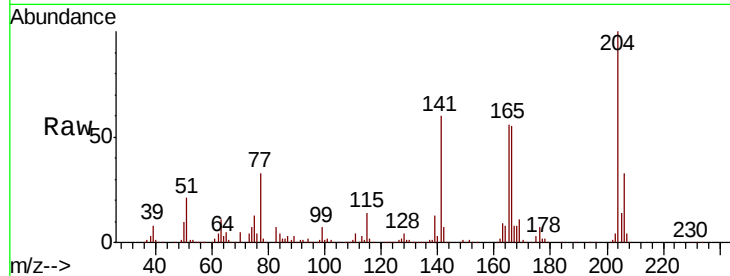




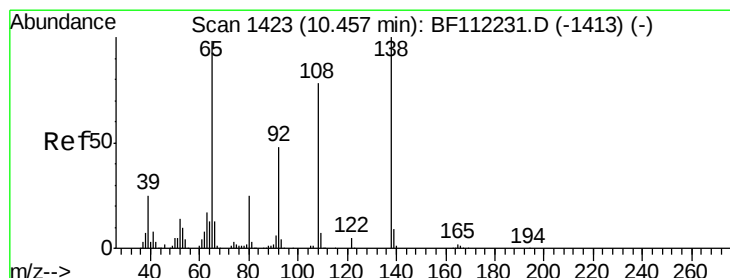
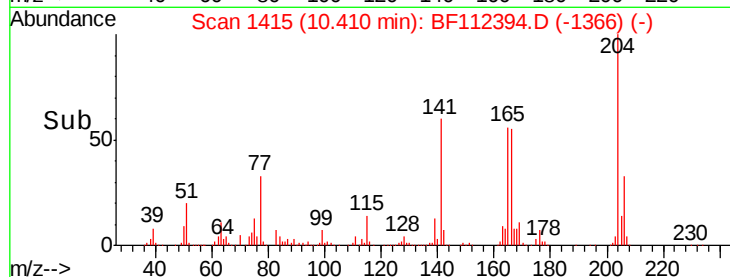
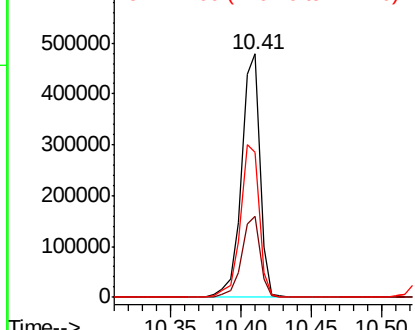
#61
4-Chlorophenyl-phenylether
Concen: 38.623 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 435591
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 59.5 45.9 68.9

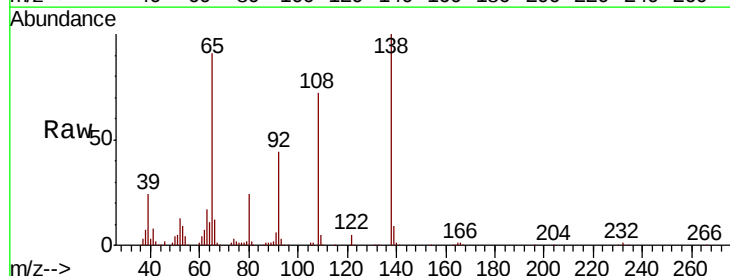


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

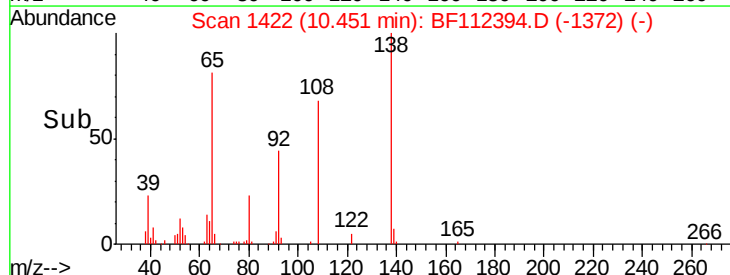
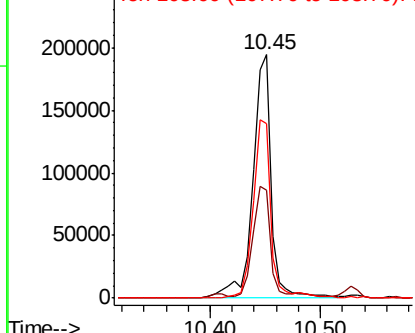


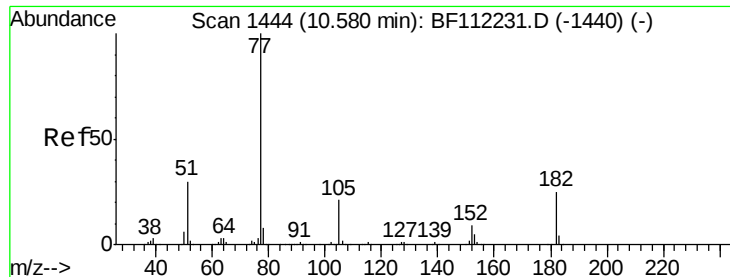
#62
4-Nitroaniline
Concen: 40.383 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion:138 Resp: 228068
Ion Ratio Lower Upper
138 100
92 44.5 30.6 70.6
108 71.6 50.0 90.0



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: 40.105 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 830624

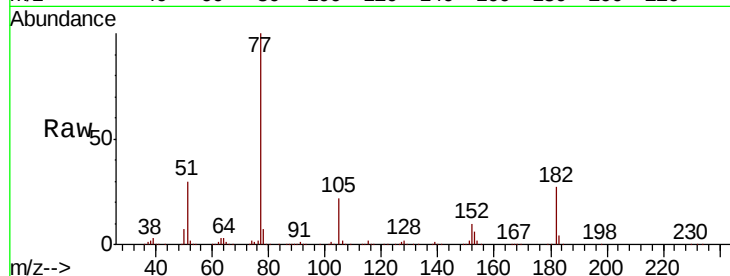
Ion Ratio Lower Upper

77 100

182 26.6 5.7 45.7

105 21.9 1.4 41.4

51 29.9 9.5 49.5

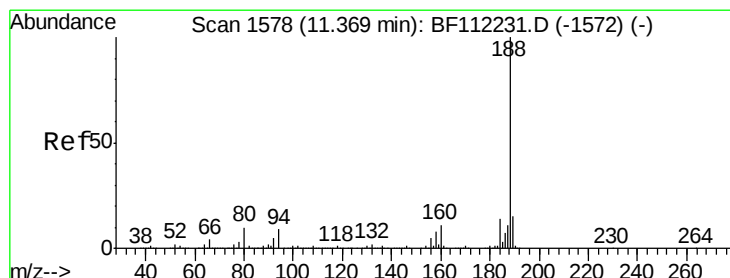
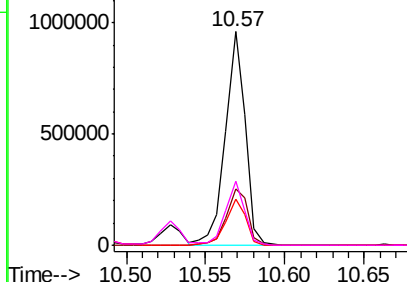
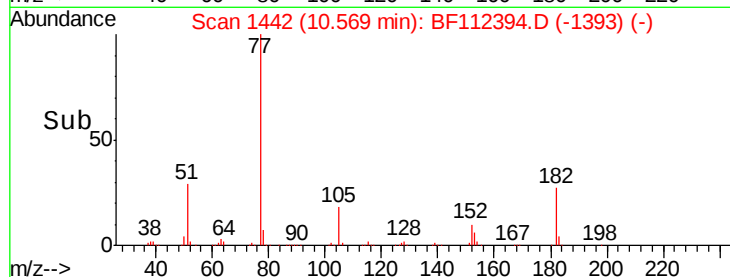


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

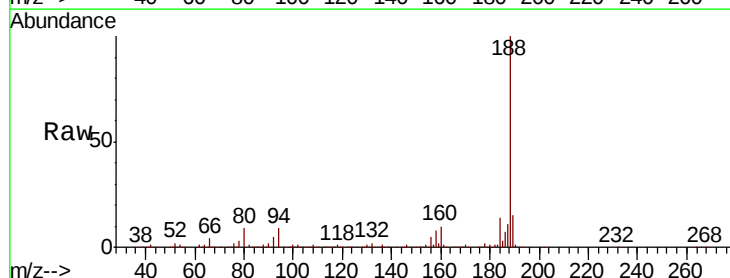
Tgt Ion: 188 Resp: 619757

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

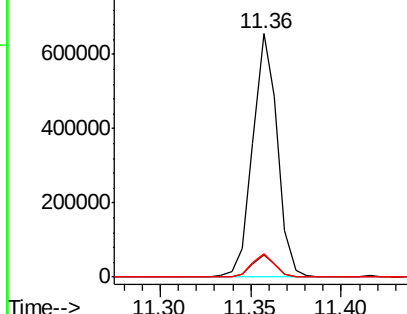
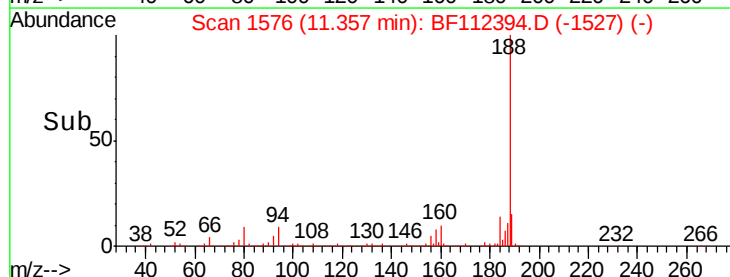
80 9.5 8.9 13.3

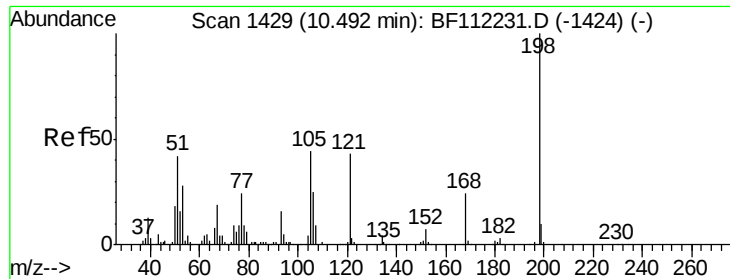


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

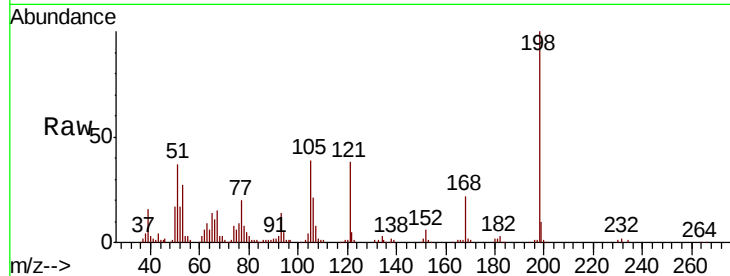




#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.662 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	198	Resp	123917
Ion Ratio	100	Lower	Upper
51	37.2	17.2	57.2
105	39.1	21.9	61.9

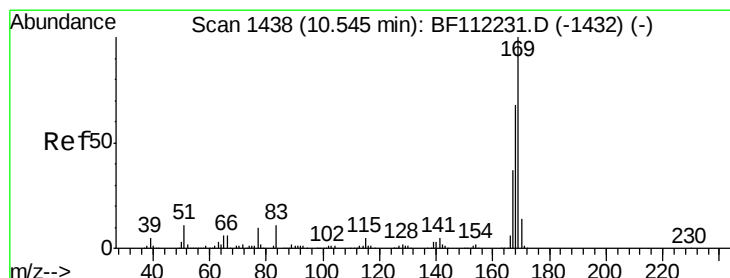
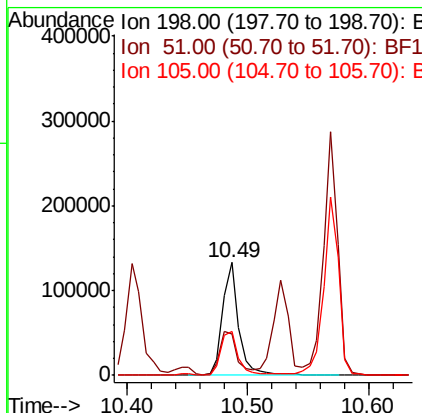
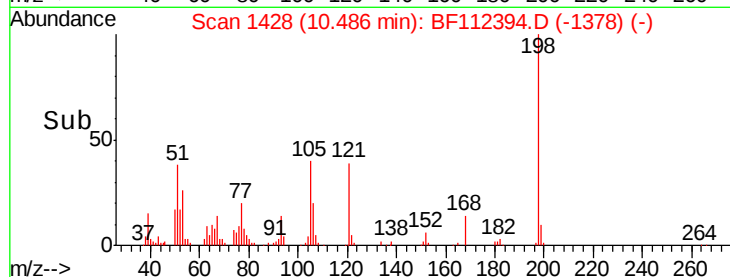


Abundance

Ion 198.00 (197.70 to 198.70): E

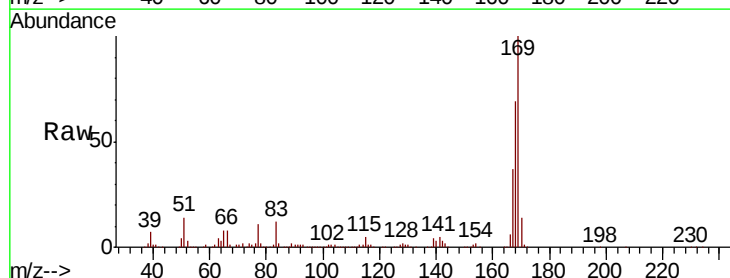
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 38.688 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Tgt Ion	169	Resp	808107
Ion Ratio	100	Lower	Upper
168	68.6	53.9	80.9
167	36.6	28.9	43.3

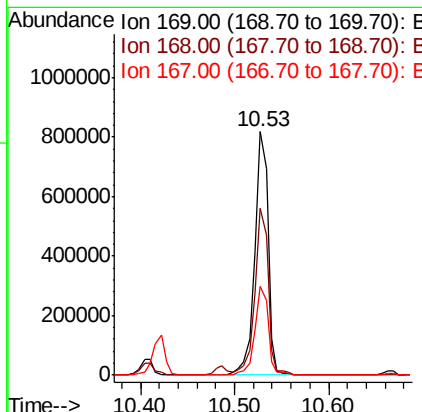
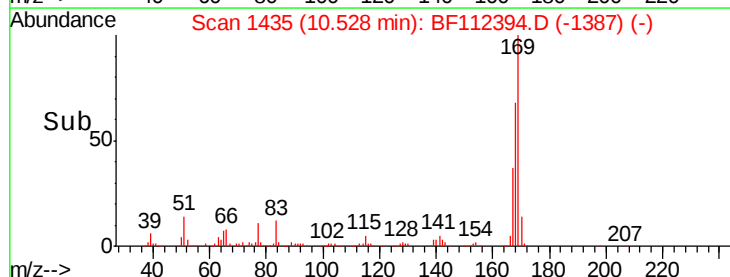


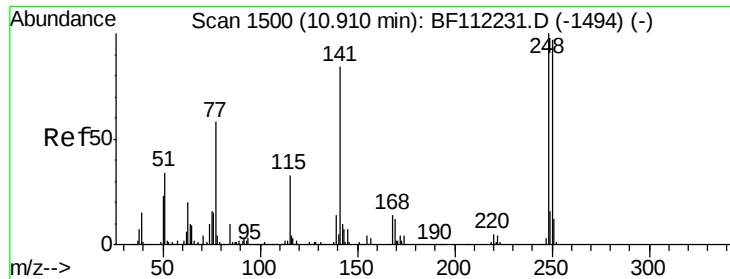
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

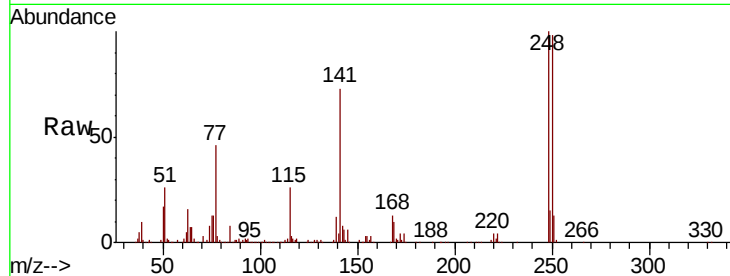




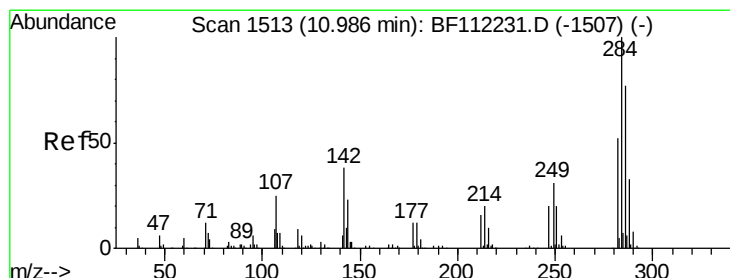
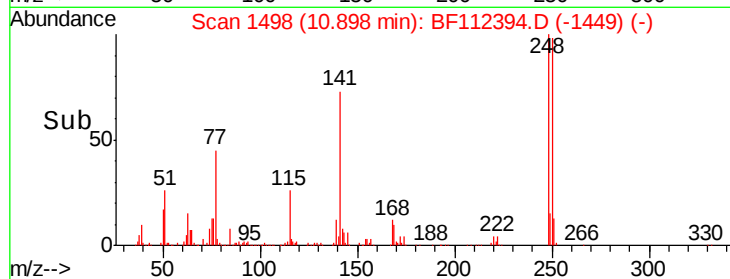
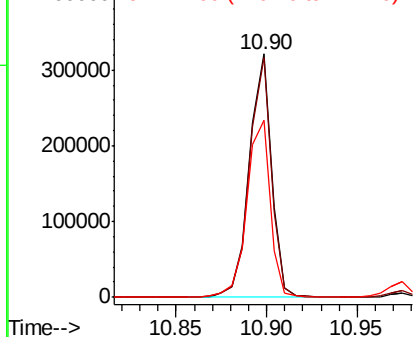
#67
 4-Bromophenyl-phenylether
 Concen: 37.744 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 275122
 Ion Ratio Lower Upper
 248 100
 250 98.4 79.7 119.5
 141 72.5 60.3 90.5

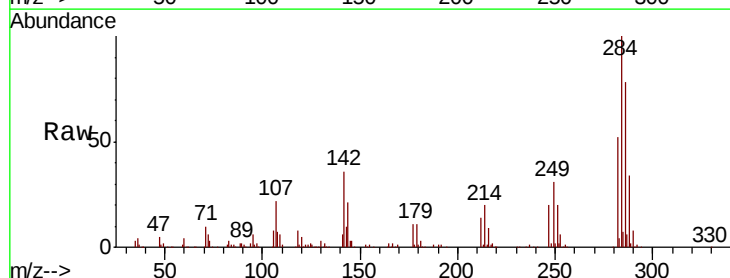


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

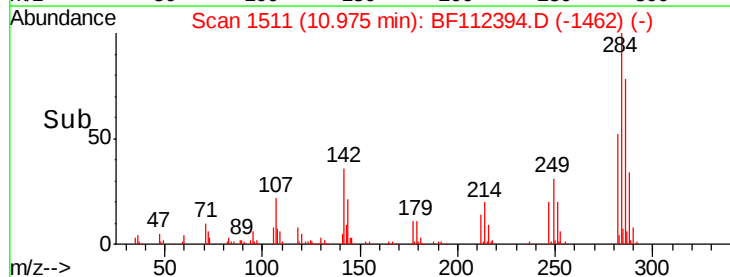
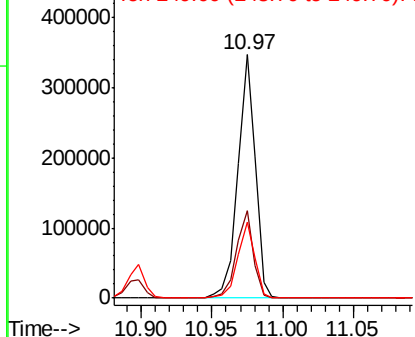


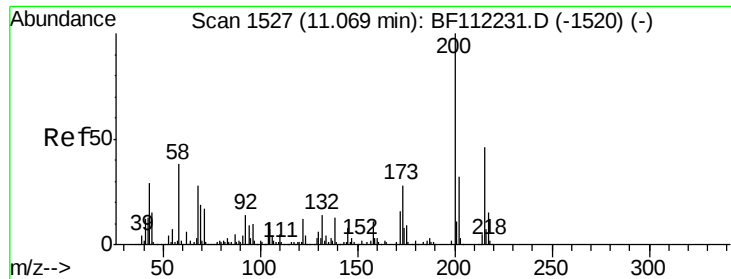
#68
 Hexachlorobenzene
 Concen: 38.034 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Tgt Ion:284 Resp: 297443
 Ion Ratio Lower Upper
 284 100
 142 35.9 27.6 41.4
 249 31.2 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

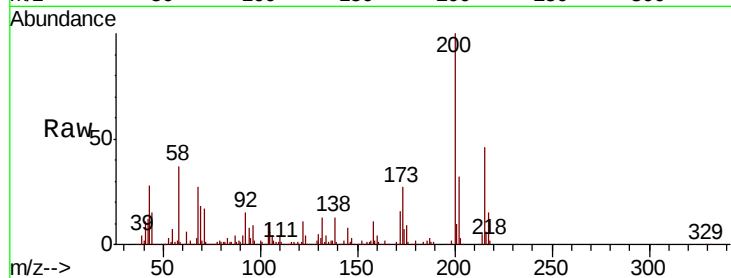




#69
Atrazine
Concen: 39.590 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.1	47.1
215	46.0	30.4	70.4

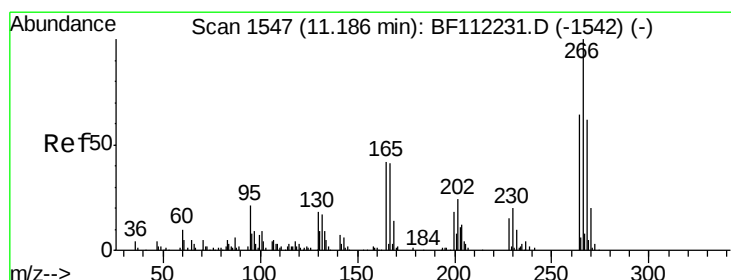
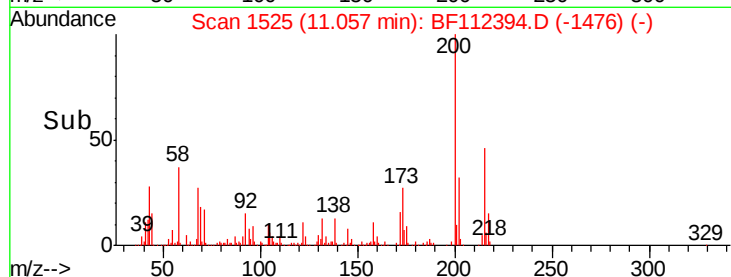
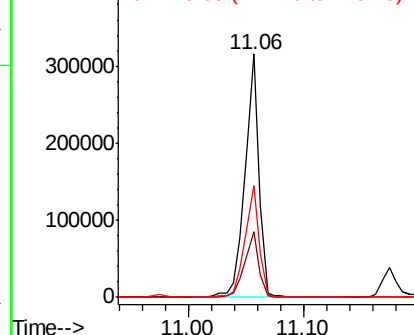


Abundance

Ion 200.00 (199.70 to 200.70): E

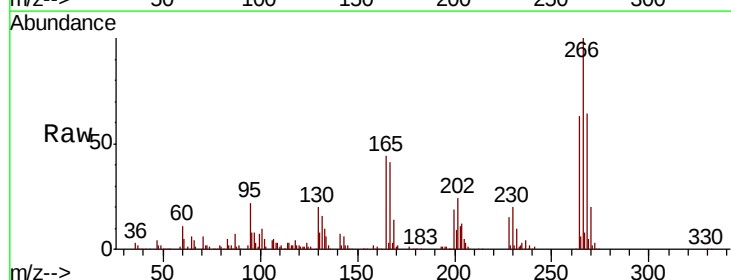
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 72.347 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.2	76.8
264	62.6	50.9	76.3

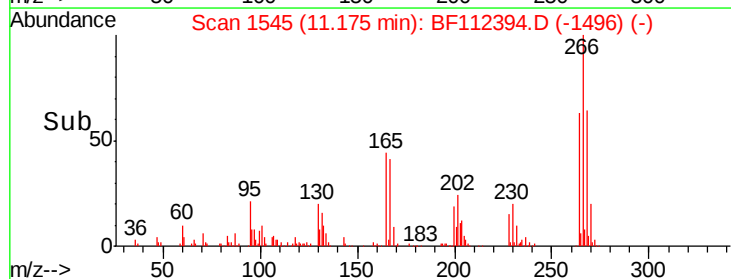
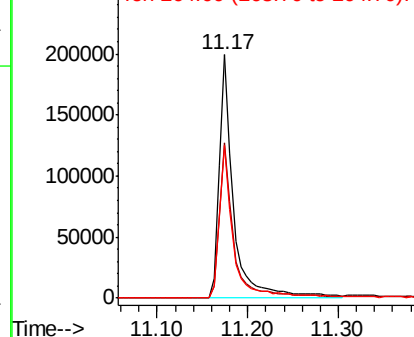


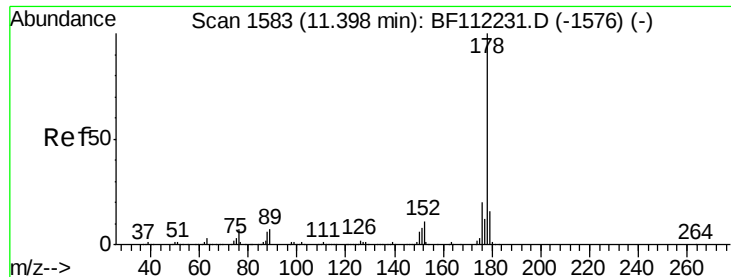
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.623 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

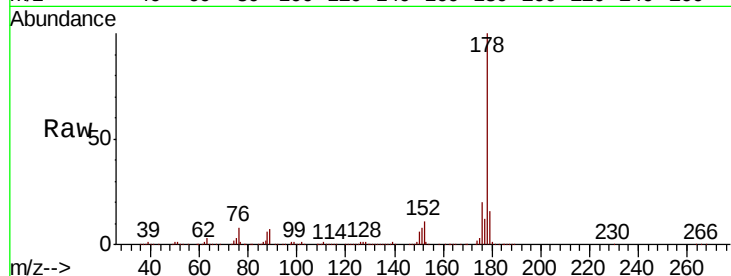
Tot Ion:178 Resp: 1341109

Ion Ratio Lower Upper

178 100

176 19.7 16.3 24.5

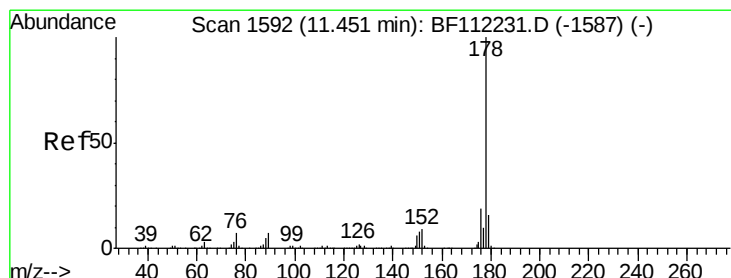
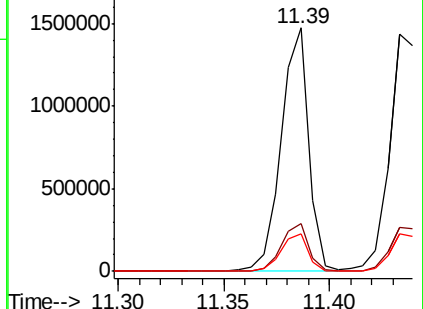
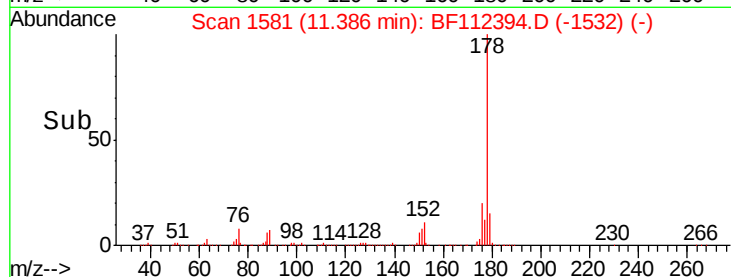
179 15.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.567 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

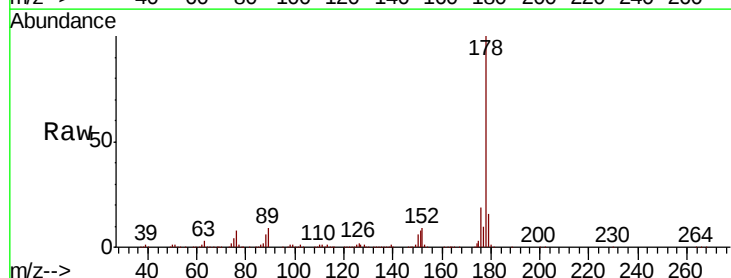
Tgt Ion:178 Resp: 1398298

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

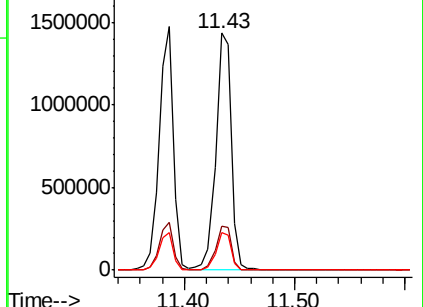
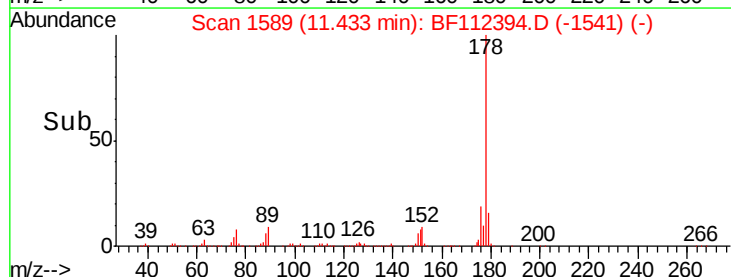
179 16.0 12.8 19.2

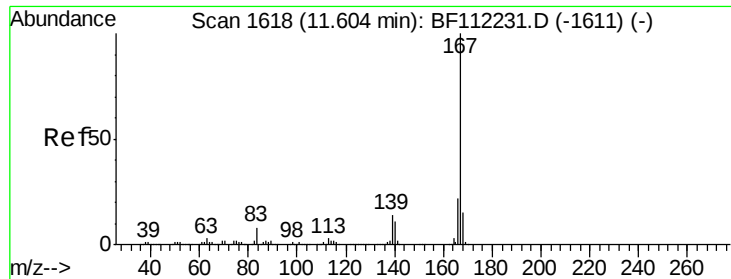


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.869 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

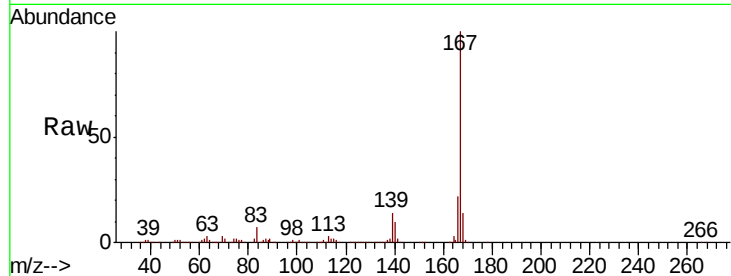
Tot Ion:167 Resp: 1230575

Ion Ratio Lower Upper

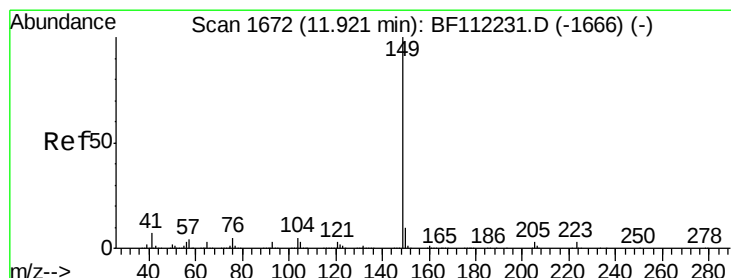
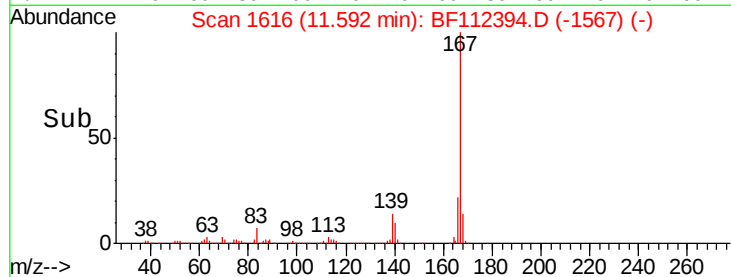
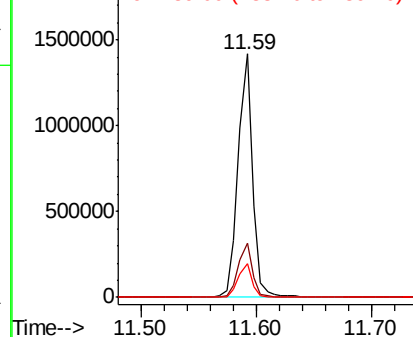
167 100

166 22.3 17.9 26.9

139 13.6 10.2 15.2



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



#74

Di-n-butylphthalate

Concen: 38.061 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

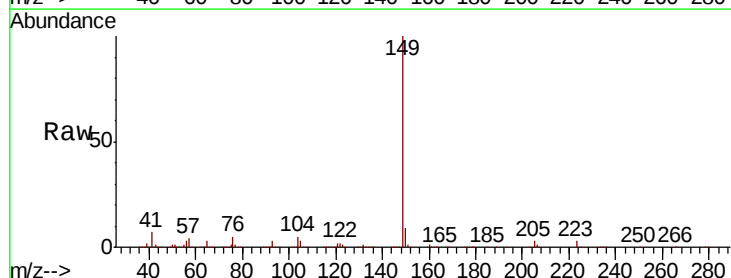
Tgt Ion:149 Resp: 1495683

Ion Ratio Lower Upper

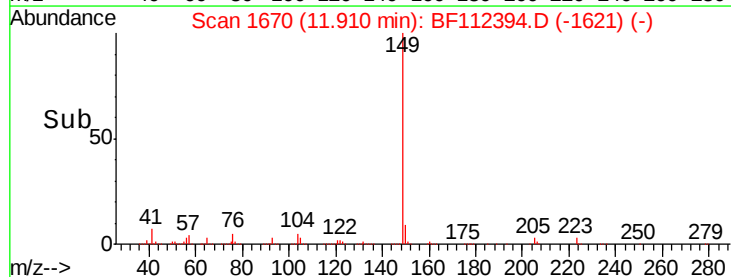
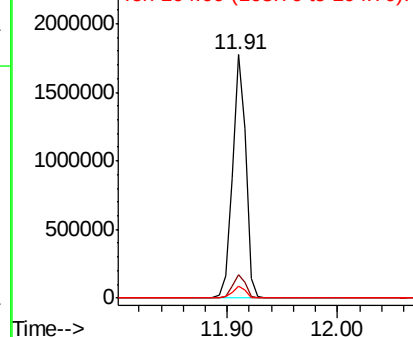
149 100

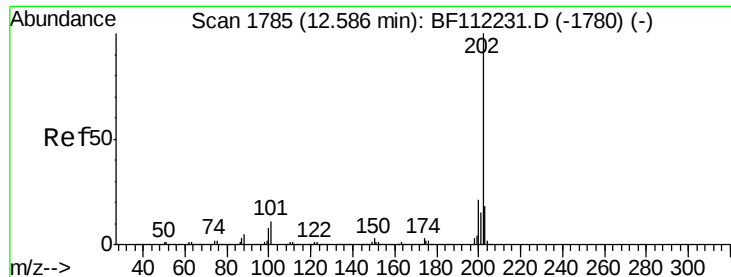
150 9.5 8.1 12.1

104 4.8 3.9 5.9



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





#75

Fluoranthene

Concen: 41.494 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

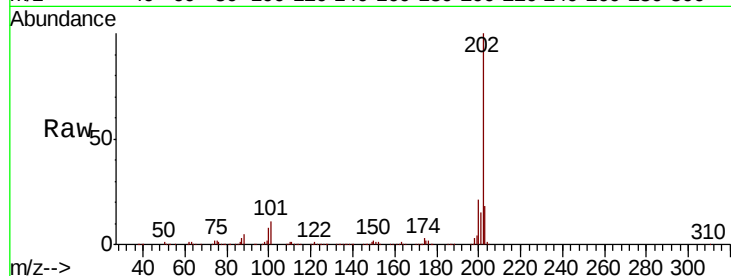
Tot Ion:202 Resp: 1433971

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.8

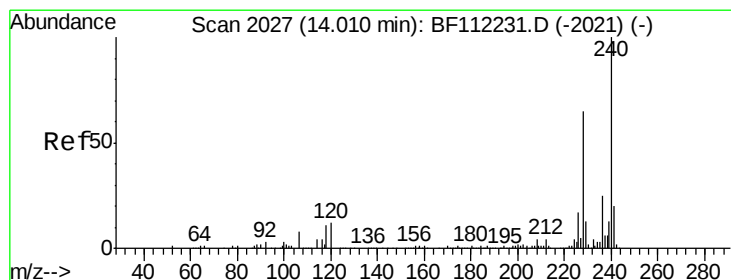
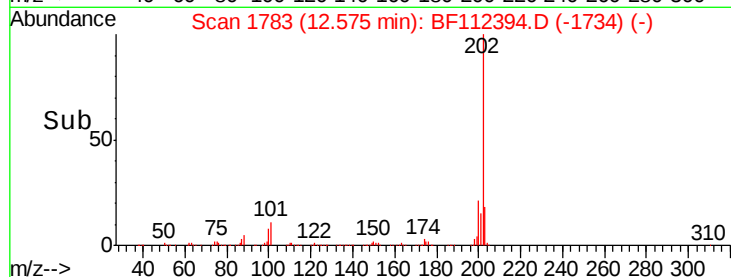
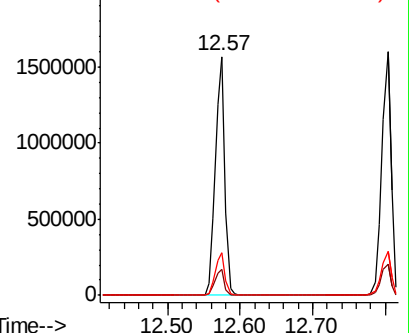
203 17.6 0.0 38.4



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

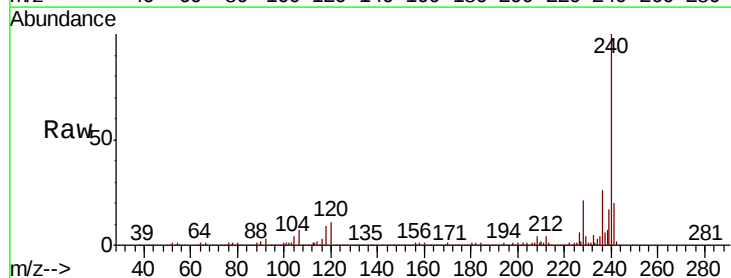
Tgt Ion:240 Resp: 515228

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

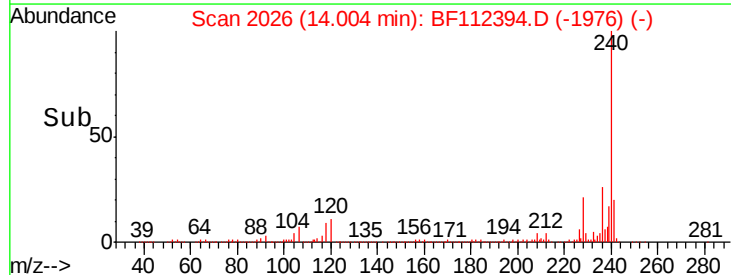
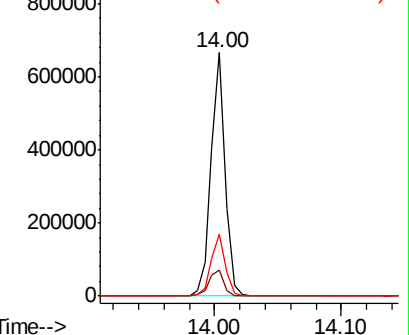
236 25.6 20.7 31.1

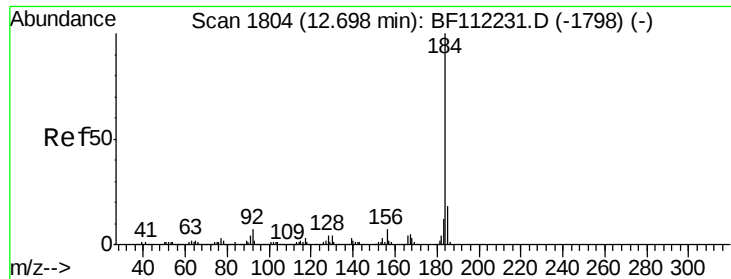


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.039 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Instrument :

BNA_F

ClientSampleId :

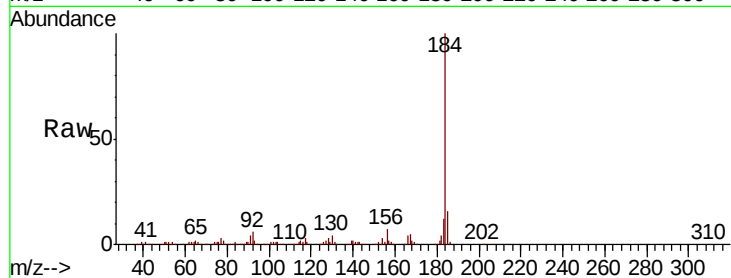
Tot Ion:184 Resp: 638684

Ion Ratio Lower Upper

184 100

185 15.7 13.9 20.9

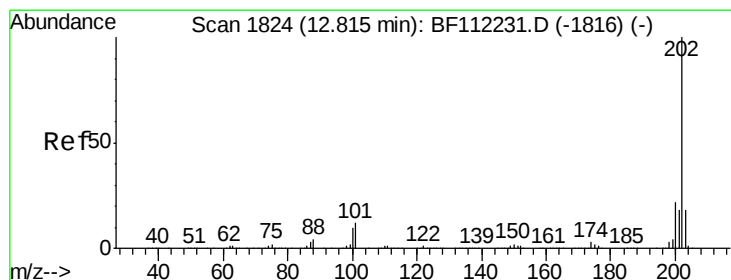
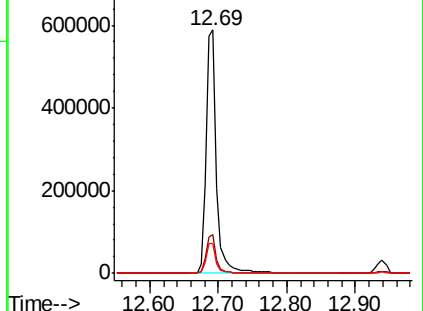
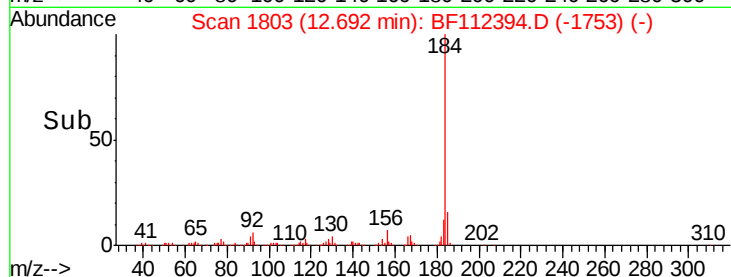
183 12.0 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.517 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

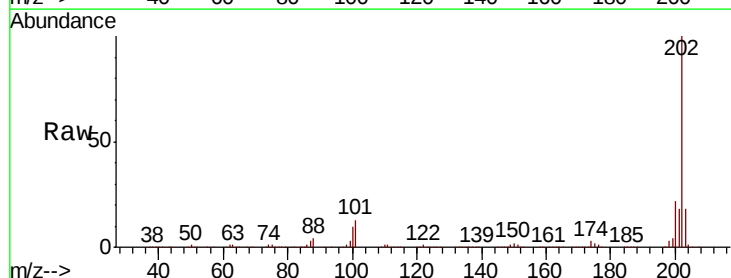
Tgt Ion:202 Resp: 1445307

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

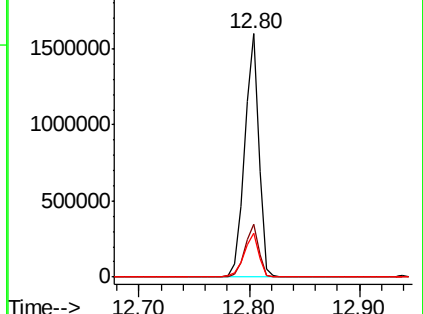
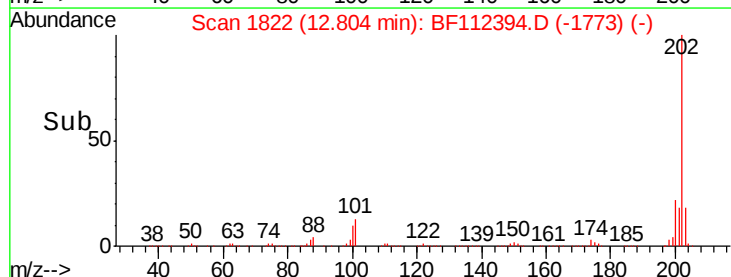
203 17.8 14.6 22.0

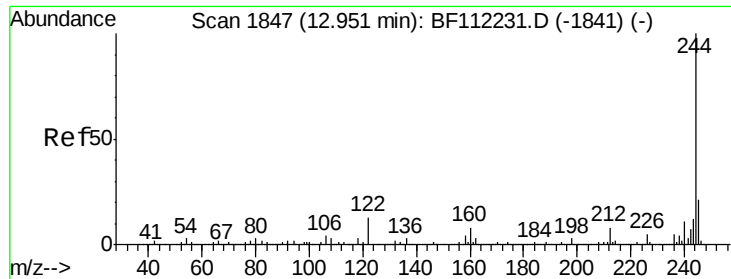


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

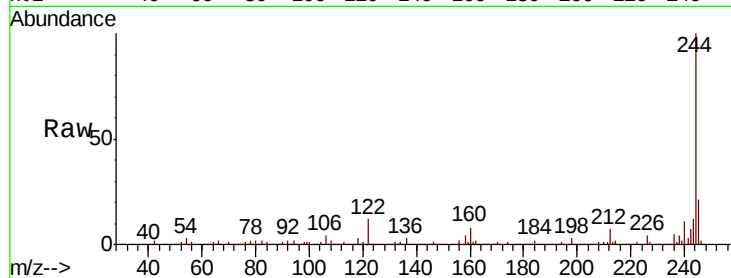




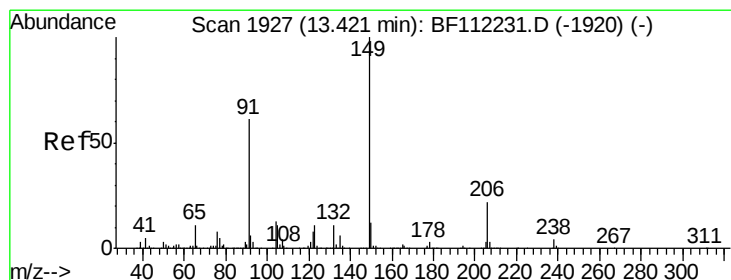
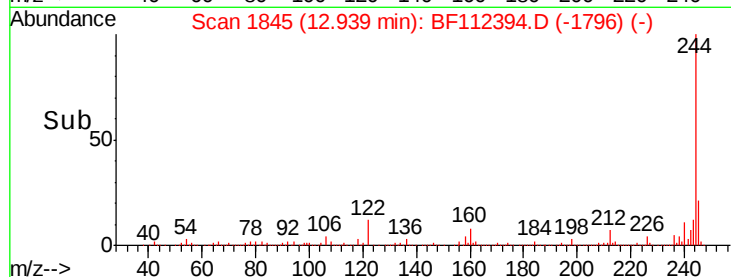
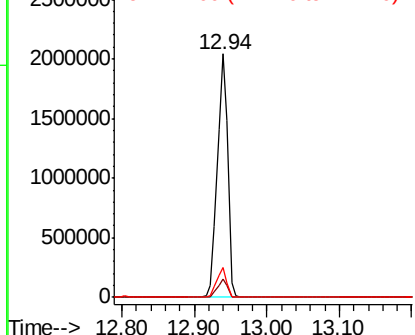
#79
 Terphenyl-d14
 Concen: 75.411 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 2062905
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 12.3 9.8 14.6

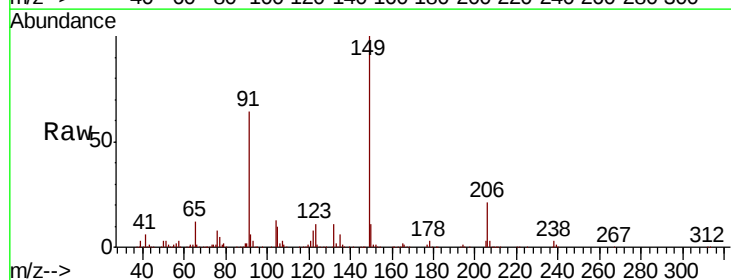


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

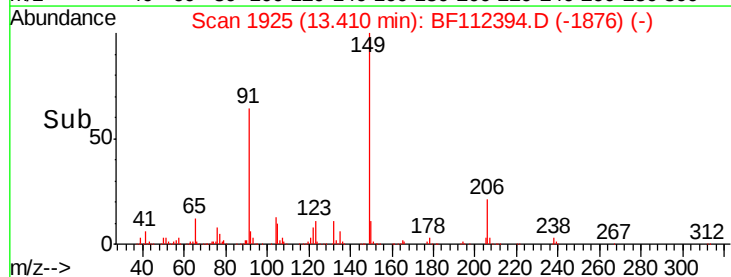
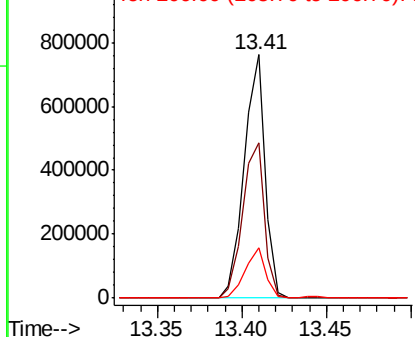


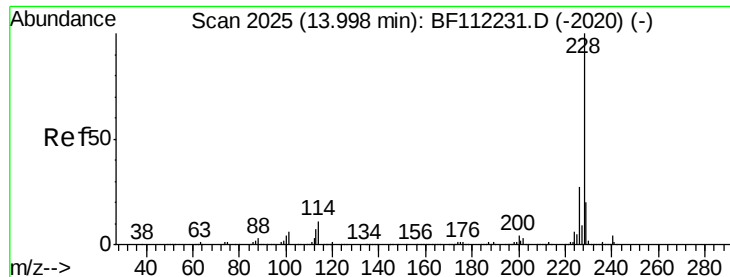
#80
 Butylbenzylphthalate
 Concen: 38.313 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Tgt Ion:149 Resp: 661221
 Ion Ratio Lower Upper
 149 100
 91 63.8 50.3 75.5
 206 20.6 18.2 27.4



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: 42.218 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

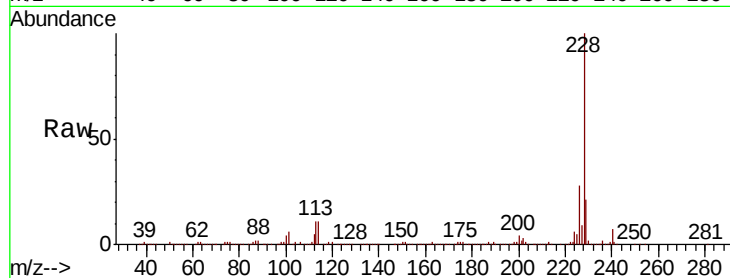
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1278694

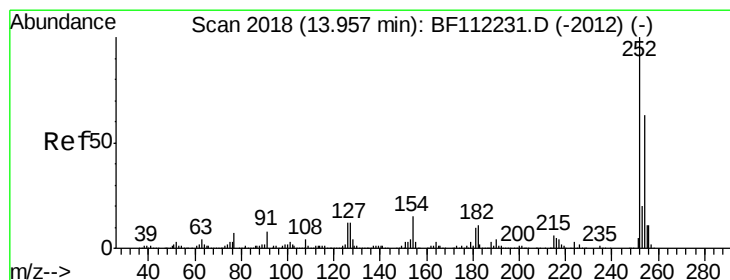
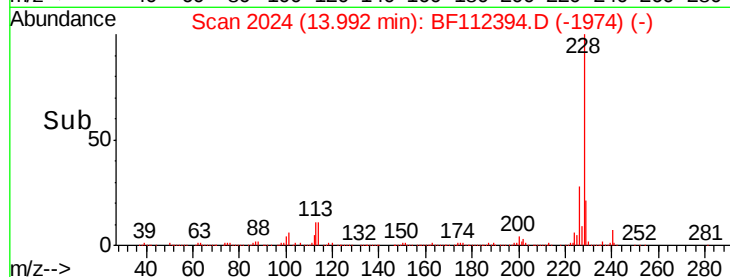
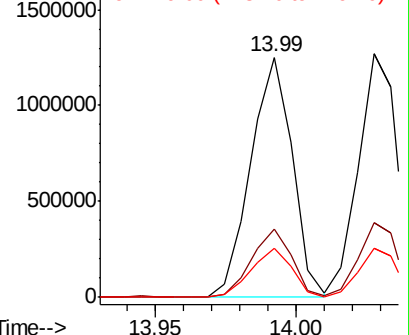
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	20.6	16.5	24.7



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: 28.564 ng

RT: 13.95 min Scan# 2016

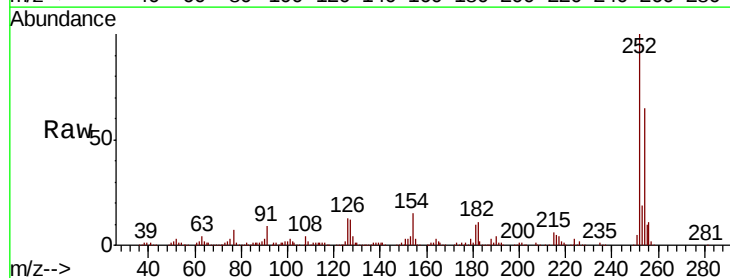
Delta R.T. -0.01 min

Lab File: BF112394.D

Acq: 5 Feb 2019 14:09

Tgt Ion:252 Resp: 323775

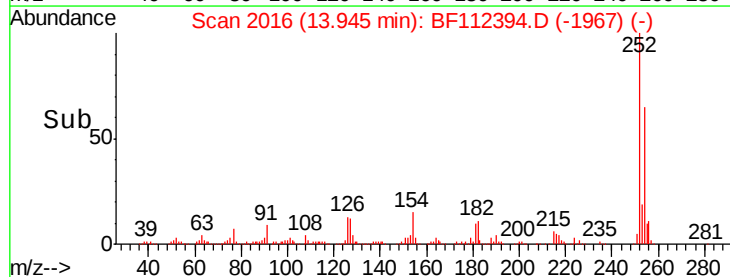
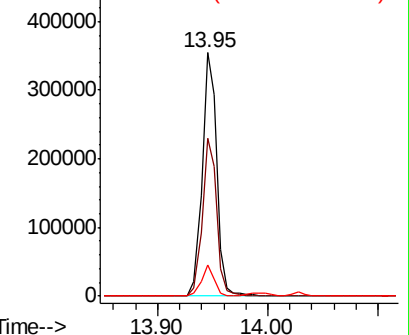
Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.6	77.4
126	12.6	8.6	12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

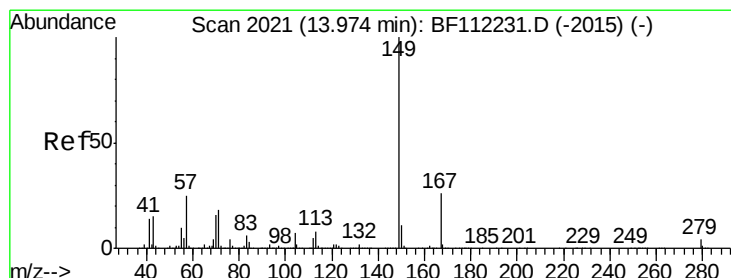
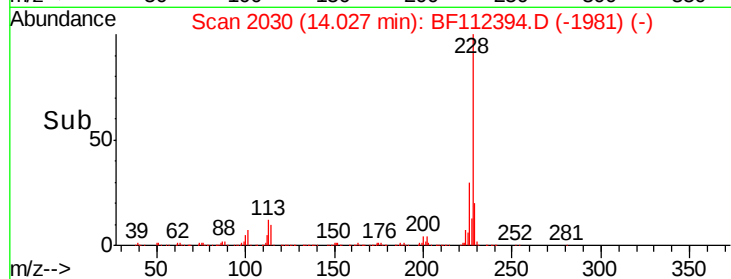
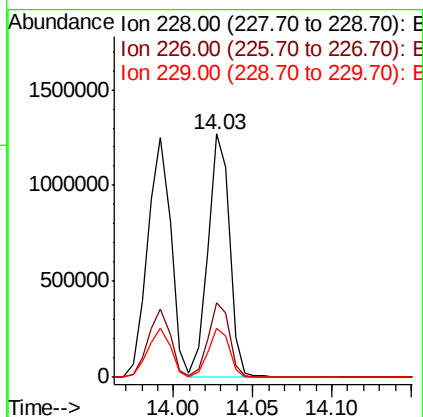
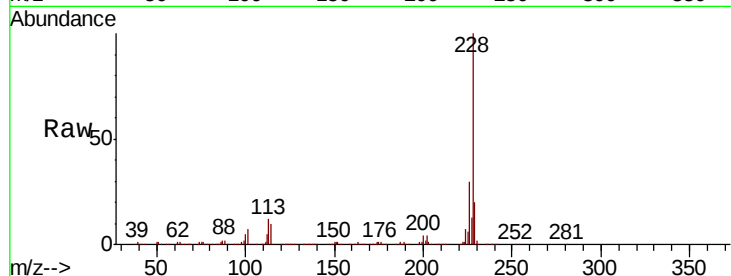




#83
 Chrvsene
 Concen: 41.840 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

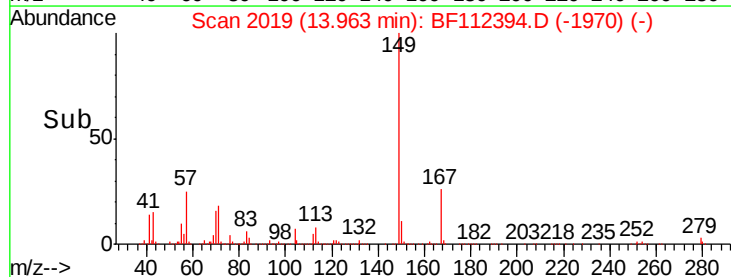
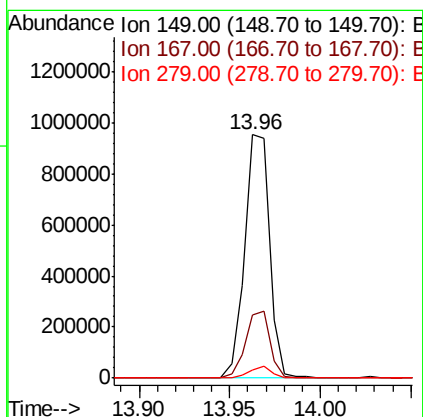
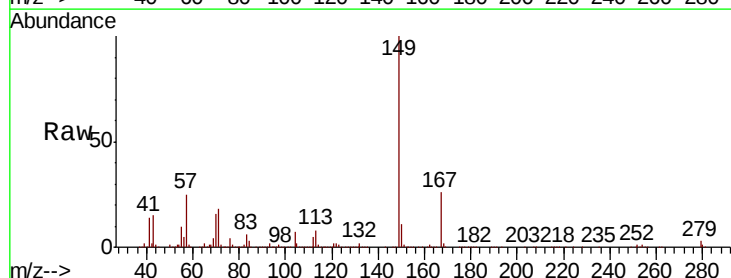
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1209633
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 20.0 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.195 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF112394.D
 Acq: 5 Feb 2019 14:09

Tgt Ion:149 Resp: 911195
 Ion Ratio Lower Upper
 149 100
 167 26.2 22.5 33.7
 279 3.4 3.8 5.6#

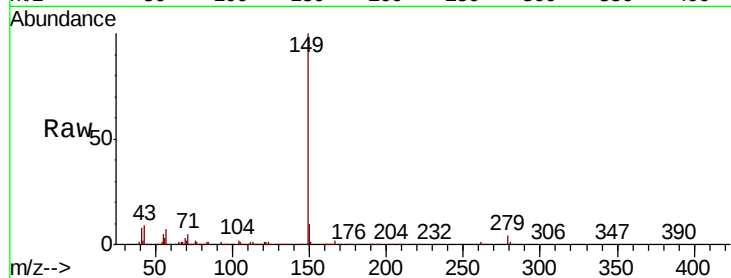




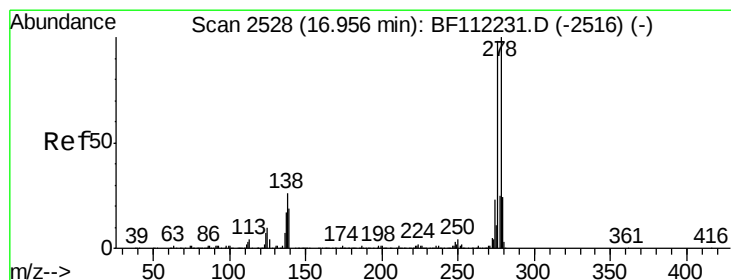
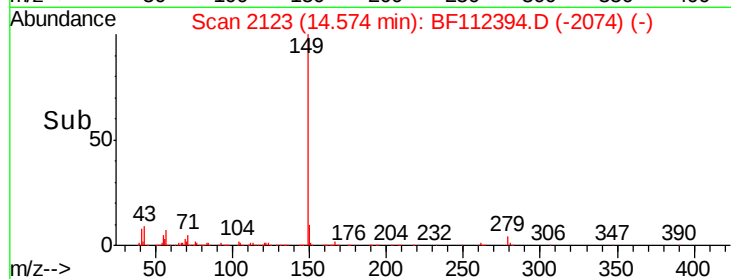
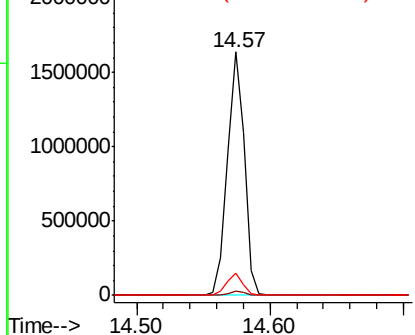
#85
Di-n-octyl phthalate
Concen: 39.289 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1480856
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.8 11.6

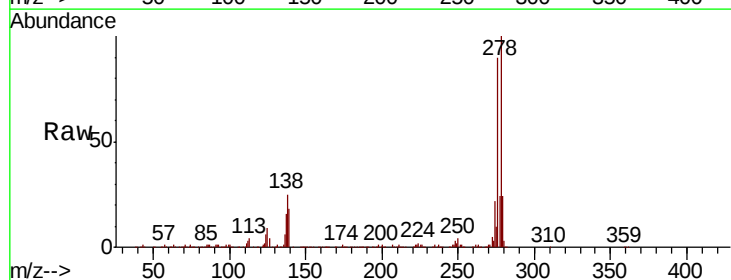


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

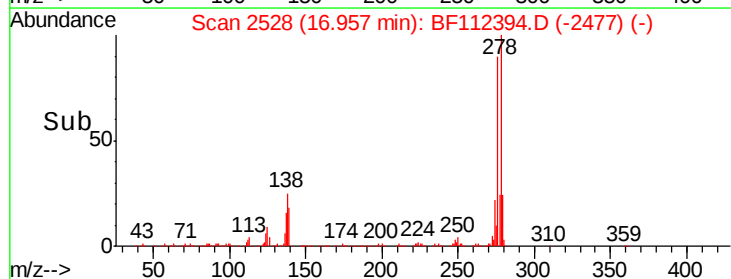
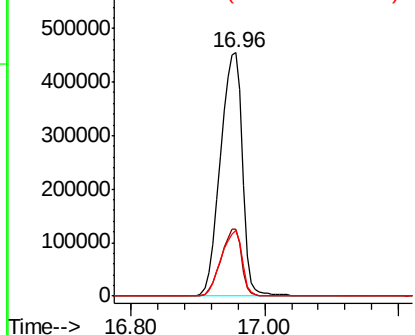


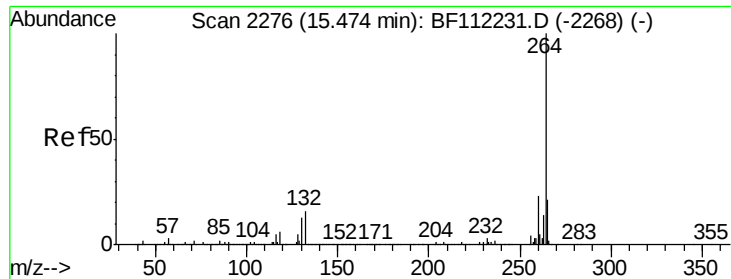
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.476 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion:276 Resp: 1064711
Ion Ratio Lower Upper
276 100
138 25.8 22.6 34.0
277 25.8 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

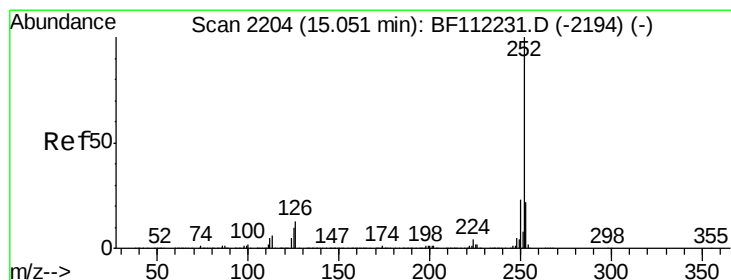
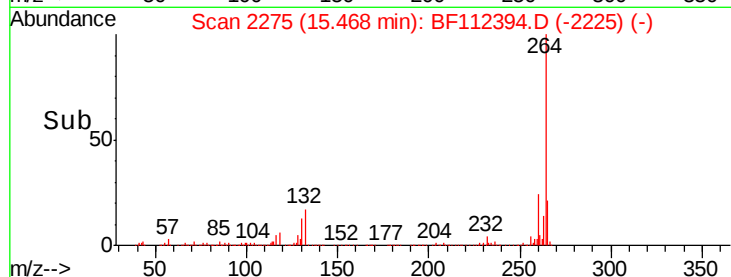
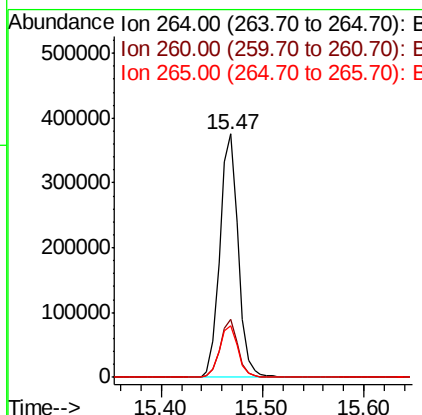
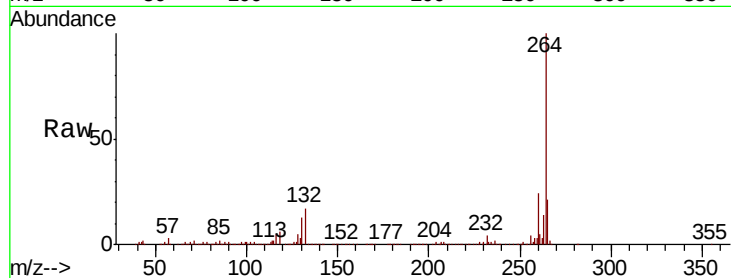




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

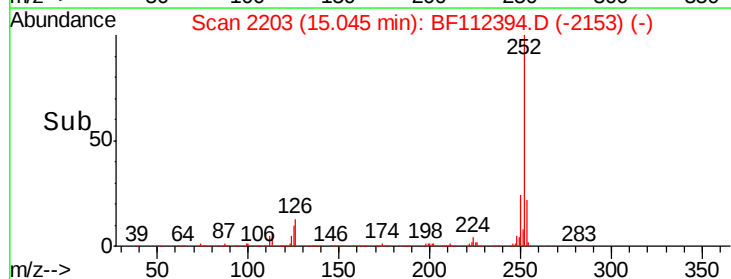
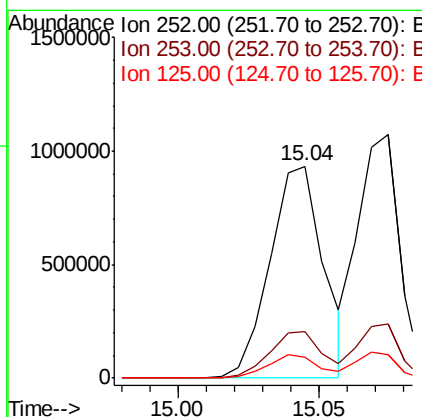
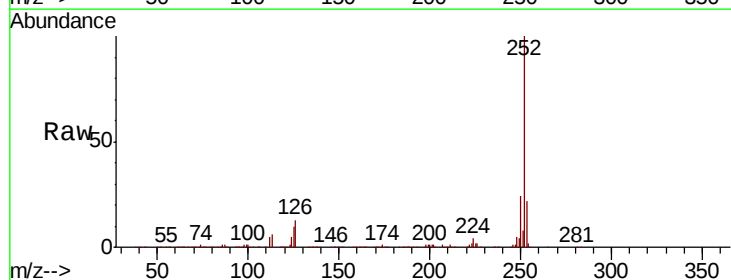
Instrument :
BNA_F
ClientSampleId :

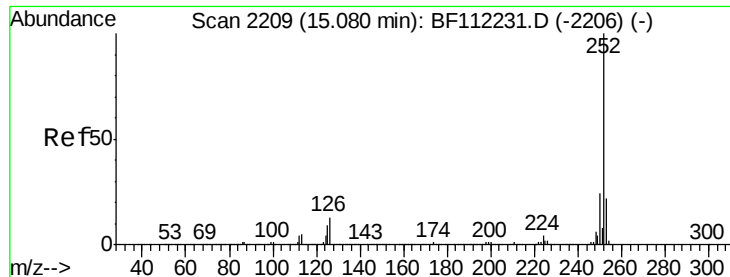
Tot Ion:264 Resp: 471099
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.2
265 21.2 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 43.635 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion:252 Resp: 1229363
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.8 8.7 13.1

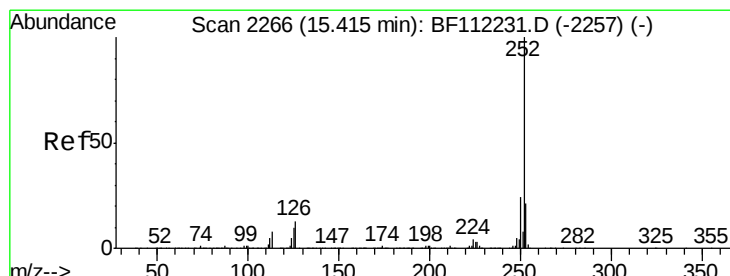
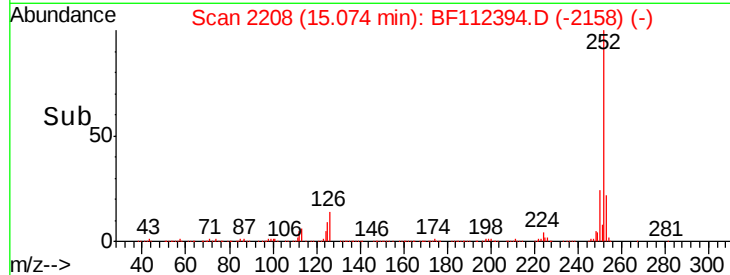
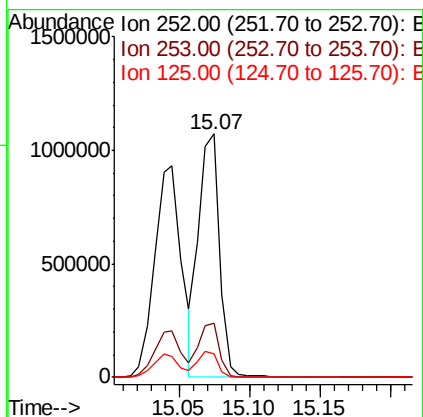
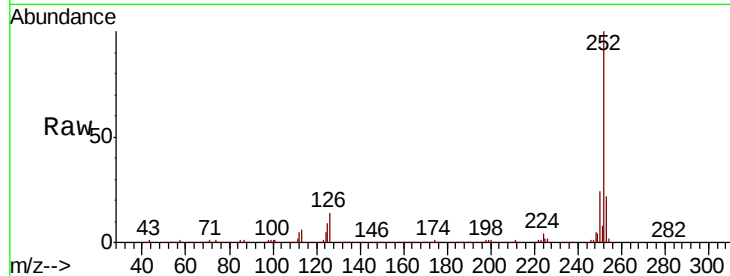




#89
Benzo(k)fluoranthene
Concen: 41.006 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

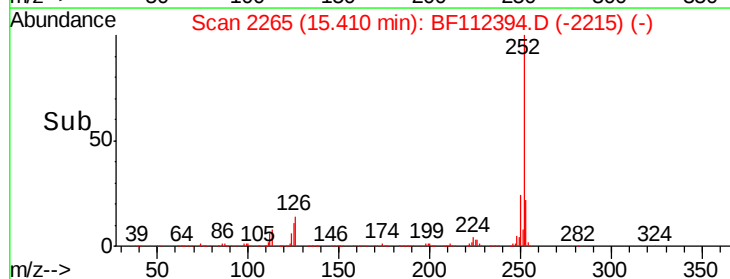
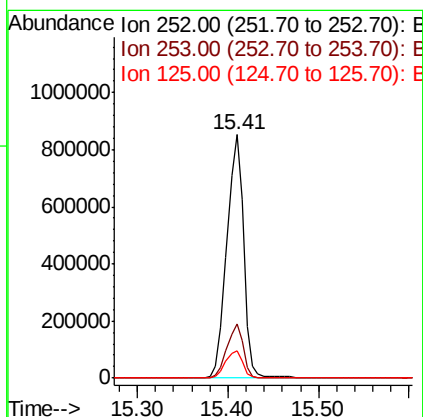
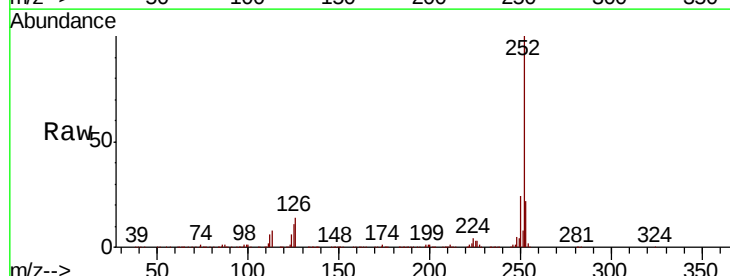
Instrument :
BNA_F
ClientSampled :

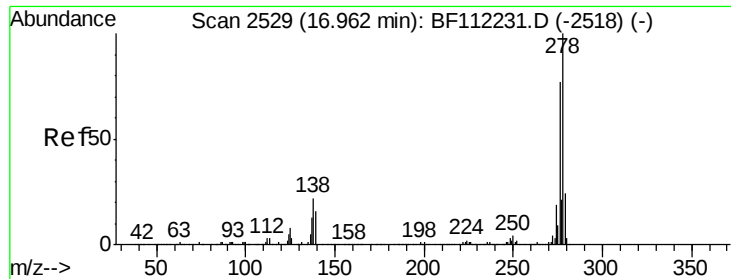
Tot Ion:252 Resp: 1106611
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.4 9.1 13.7



#90
Benzo(a)pyrene
Concen: 43.321 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion:252 Resp: 1098217
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.4 9.0 13.4

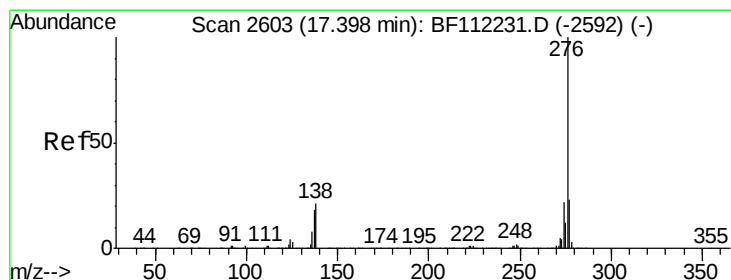
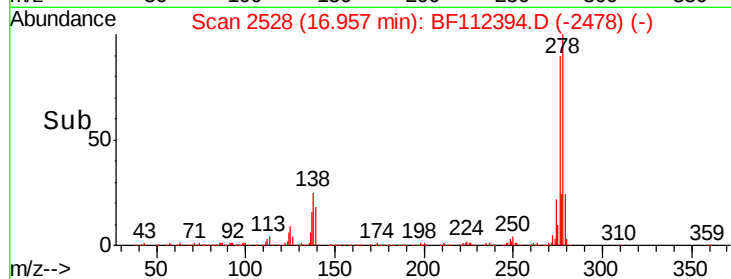
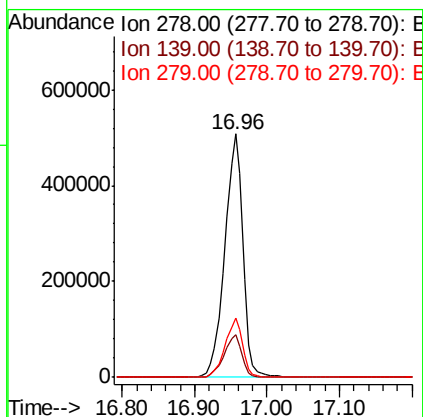
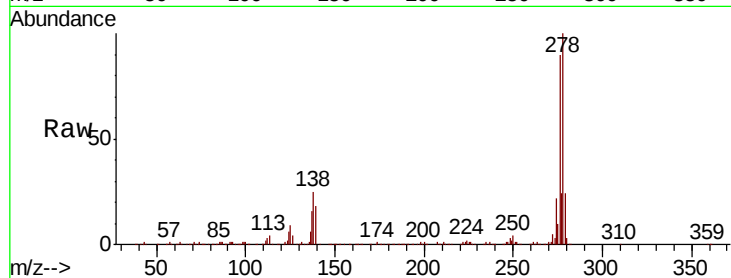




#91
Dibenzo(a,h)anthracene
Concen: 43.279 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.7	20.5
279	24.2	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 44.714 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112394.D
Acq: 5 Feb 2019 14:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	22.4	19.1	28.7

