

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112393.D
 Acq On : 5 Feb 2019 13:42
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 16:21:44 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	183368	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	706747	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	352005	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	708531	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	577210	20.00	ng	0.00
87) Perylene-d12	15.47	264	493326	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	800957	92.78	ng	-0.02
7) Phenol-d6	6.49	99	989724	82.51	ng	0.00
23) Nitrobenzene-d5	7.40	82	936569	76.36	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	333913	81.50	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1849142	74.30	ng	-0.01
79) Terphenyl-d14	12.94	244	2157935	70.41	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	170846	49.679	ng	96
3) Pyridine	3.34	79	416185	47.575	ng	99
4) n-Nitrosodimethylamine	3.30	42	181110	49.278	ng	93
6) Aniline	6.50	93	591774	41.470	ng	# 65
8) 2-Chlorophenol	6.63	128	462984	39.866	ng	99
9) Benzaldehyde	6.39	77	247211	39.428	ng	94
10) Phenol	6.50	94	541257	41.127	ng	92
11) bis(2-Chloroethyl)ether	6.57	93	403718	38.964	ng	99
12) 1,3-Dichlorobenzene	6.77	146	524751	38.799	ng	98
13) 1,4-Dichlorobenzene	6.85	146	536678	38.556	ng	99
14) 1,2-Dichlorobenzene	7.00	146	494328	37.931	ng	96
15) Benzyl Alcohol	6.98	79	383973	37.971	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	505722	38.014	ng	76
17) 2-Methylphenol	7.10	107	352343	38.272	ng	94
18) Hexachloroethane	7.35	117	184894	37.827	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	310262	37.509	ng	97
20) 3+4-Methylphenols	7.25	107	457328	38.847	ng	# 88
22) Acetophenone	7.25	105	653085	37.949	ng	96
24) Nitrobenzene	7.42	77	470255	38.388	ng	96
25) Isophorone	7.66	82	740069	38.461	ng	98
26) 2-Nitrophenol	7.73	139	261822	39.994	ng	92
27) 2,4-Dimethylphenol	7.77	122	349830	38.786	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	497241	37.951	ng	99
29) 2,4-Dichlorophenol	7.99	162	398805	39.511	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	445143	38.367	ng	99
31) Naphthalene	8.14	128	1254693	37.963	ng	99
32) Benzoic acid	7.92	122	197863	38.458	ng	99
33) 4-Chloroaniline	8.19	127	566966	39.397	ng	97
34) Hexachlorobutadiene	8.26	225	254040	37.313	ng	99
35) Caprolactam	8.57	113	143620	40.335	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	407912	38.175	ng	98
37) 2-Methylnaphthalene	8.83	142	854621	37.772	ng	97
38) 1-Methylnaphthalene	8.93	142	819635	37.795	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	437524	37.856	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	132326	36.125	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	279901	39.289	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	294118	39.502	ng	96
46) 1,1'-Biphenyl	9.29	154	1169978	38.019	ng	100
47) 2-Chloronaphthalene	9.32	162	908097	38.053	ng	97
48) 2-Nitroaniline	9.42	65	260446	40.042	ng	97
49) Acenaphthylene	9.73	152	1337294	38.233	ng	98
50) Dimethylphthalate	9.59	163	1043942	38.171	ng	99
51) 2,6-Dinitrotoluene	9.66	165	243345	39.729	ng	98
52) Acenaphthene	9.90	154	805553	38.553	ng	99
53) 3-Nitroaniline	9.83	138	266875	40.217	ng	93
54) 2,4-Dinitrophenol	9.95	184	70663	35.948	ng	96
55) Dibenzofuran	10.08	168	1210057	37.897	ng	96
56) 4-Nitrophenol	10.02	139	134554	38.353	ng	94
57) 2,4-Dinitrotoluene	10.07	165	310781	39.855	ng	# 83
58) Fluorene	10.42	166	935615	39.156	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	236116	41.963	ng	97
60) Diethylphthalate	10.29	149	1029799	37.943	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	492985	37.928	ng	95
62) 4-Nitroaniline	10.45	138	273261	41.983	ng	95
63) Azobenzene	10.57	77	930091	38.965	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	147273	37.073	ng	98
66) n-Nitrosodiphenylamine	10.53	169	885811	37.095	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	309283	37.114	ng	98
68) Hexachlorobenzene	10.97	284	337581	37.758	ng	96
69) Atrazine	11.06	200	268397	34.833	ng	97
70) Pentachlorophenol	11.17	266	129933	37.349	ng	98
71) Phenanthrene	11.39	178	1377156	37.387	ng	98
72) Anthracene	11.44	178	1391483	37.922	ng	99
73) Carbazole	11.59	167	1402950	38.761	ng	98
74) Di-n-butylphthalate	11.91	149	1612099	35.883	ng	99
75) Fluoranthene	12.57	202	1444166	36.554	ng	99
77) Benzidine	12.69	184	588335	37.033	ng	97
78) Pyrene	12.80	202	1479242	37.016	ng	100
80) Butylbenzylphthalate	13.41	149	687511	35.558	ng	96
81) Benzo(a)anthracene	13.99	228	1285192	37.876	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	495793	39.043	ng	99
83) Chrysene	14.03	228	1244763	38.431	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	952222	34.695	ng	98
85) Di-n-octyl phthalate	14.57	149	1495245	35.411	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	954419	37.188	ng	97
88) Benzo(b)fluoranthene	15.04	252	1135394	38.484	ng	99
89) Benzo(k)fluoranthene	15.07	252	1079761	38.208	ng	98
90) Benzo(a)pyrene	15.41	252	1005462	37.875	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	804161	37.586	ng	98
92) Benzo(g,h,i)perylene	17.39	276	772518	38.271	ng	98

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

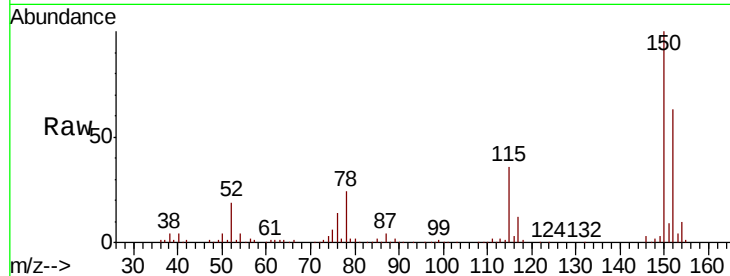


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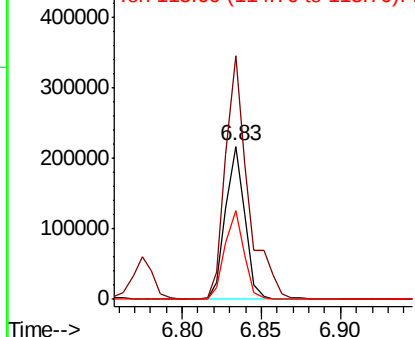
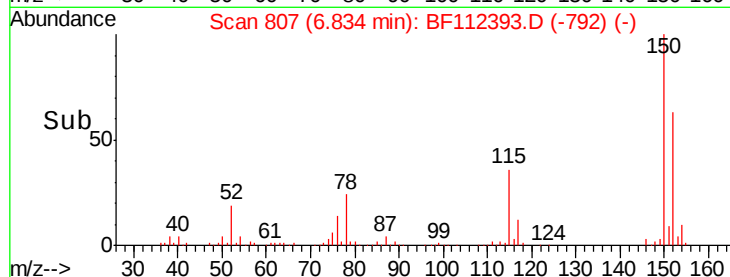
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 183368
Ion Ratio Lower Upper
152 100
150 159.3 127.4 191.0
115 58.0 45.5 68.3



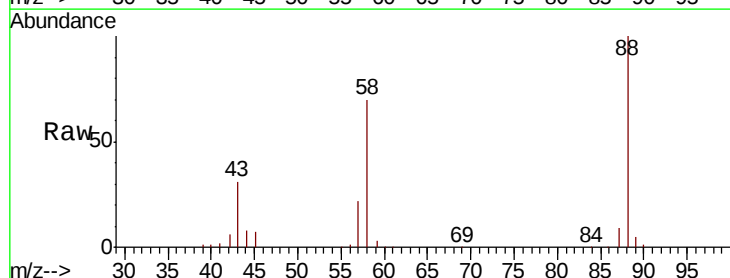
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



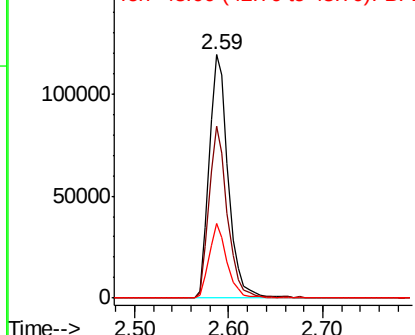
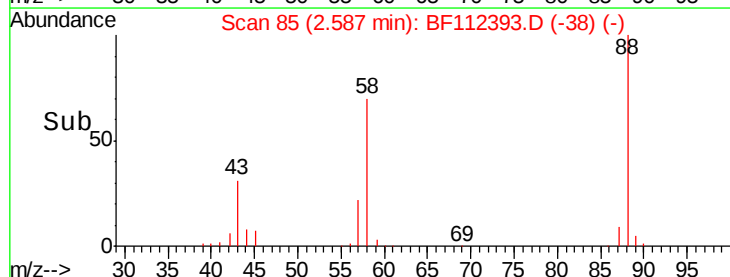
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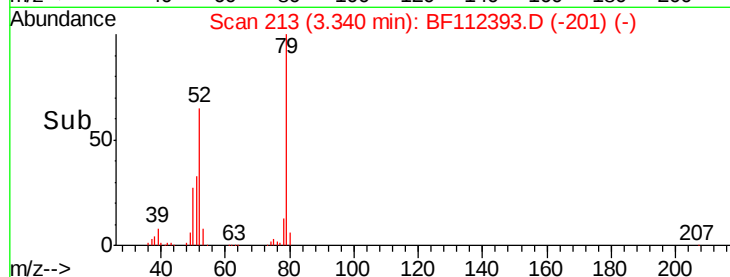
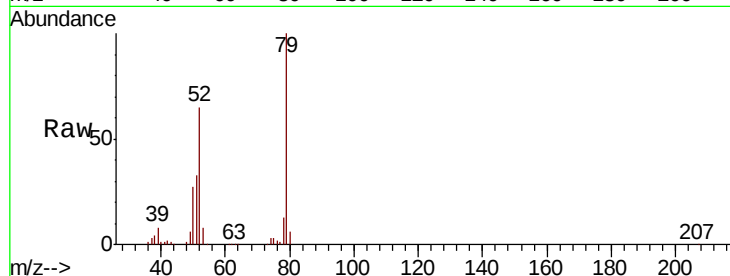
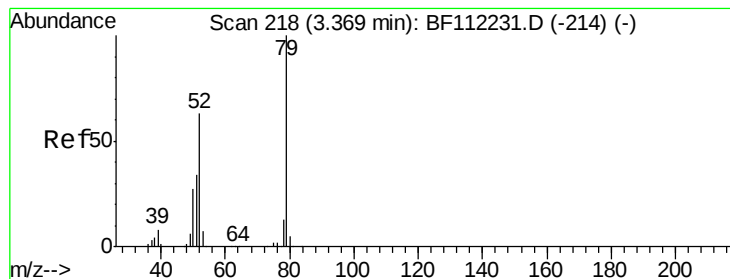
1,4-Dioxane
Concen: 49.679 ng
RT: 2.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion: 88 Resp: 170846
Ion Ratio Lower Upper
88 100
58 68.3 57.4 86.2
43 29.0 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: 47.575 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.03 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampleId :

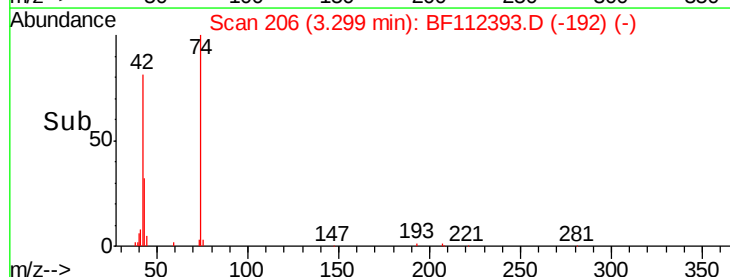
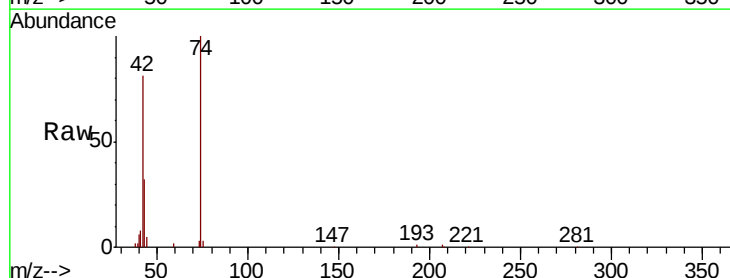
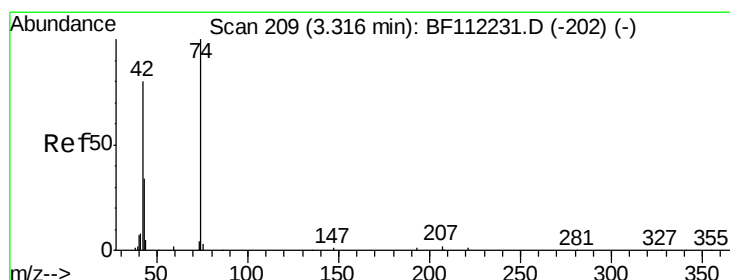
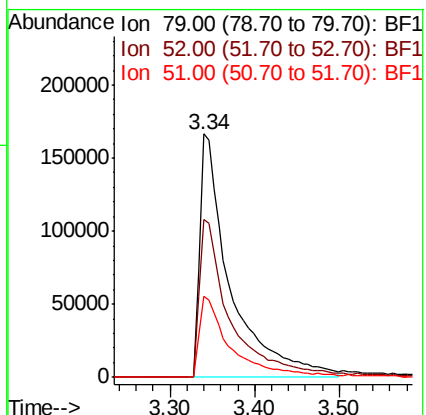
Tot Ion: 79 Resp: 416185

Ion Ratio Lower Upper

79 100

52 65.0 52.4 78.6

51 33.4 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 49.278 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.02 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

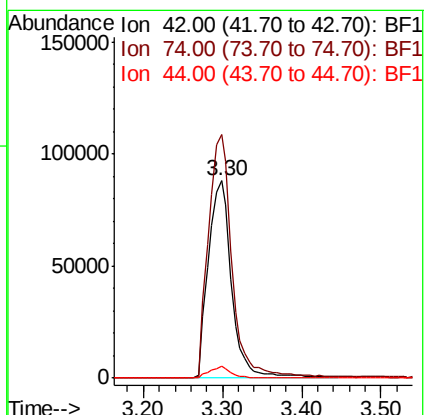
Tgt Ion: 42 Resp: 181110

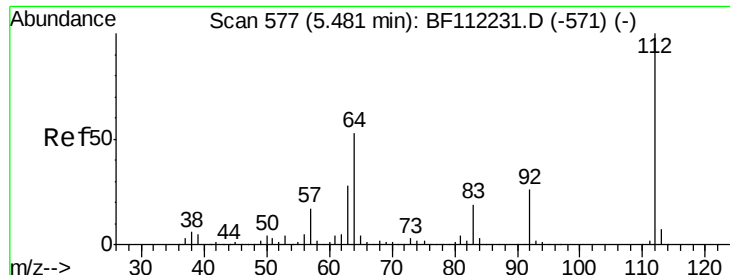
Ion Ratio Lower Upper

42 100

74 123.5 105.6 158.4

44 5.8 5.4 8.2





#5

2-Fluorophenol

Concen: 92.780 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampled :

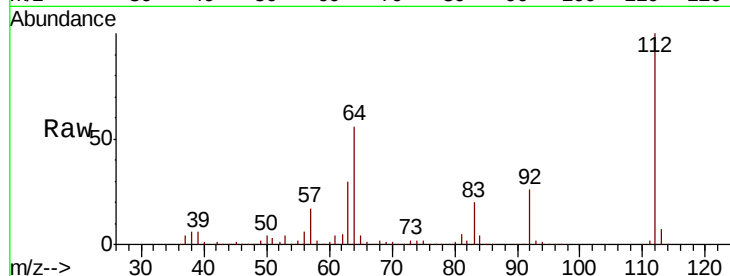
Tot Ion:112 Resp: 800957

Ion Ratio Lower Upper

112 100

64 56.4 45.7 68.5

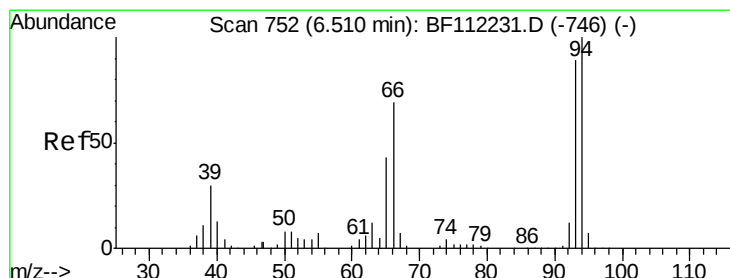
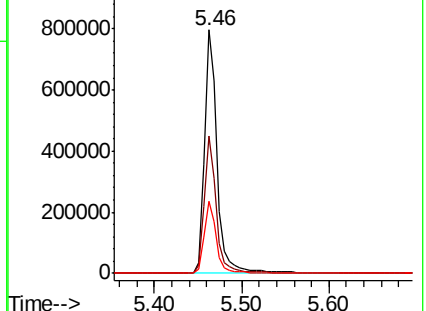
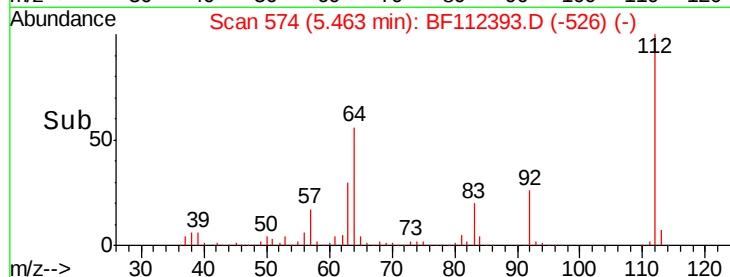
63 29.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.470 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

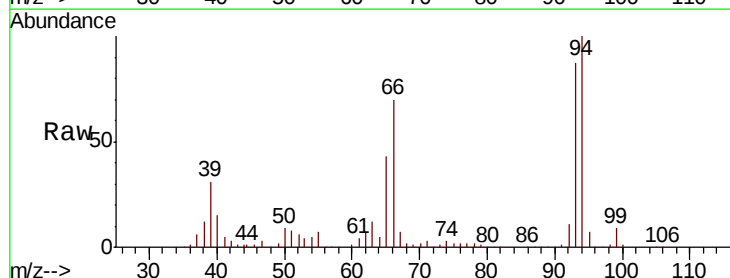
Tgt Ion: 93 Resp: 591774

Ion Ratio Lower Upper

93 100

66 80.1 43.4 65.2#

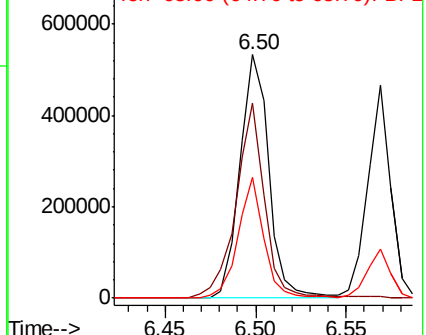
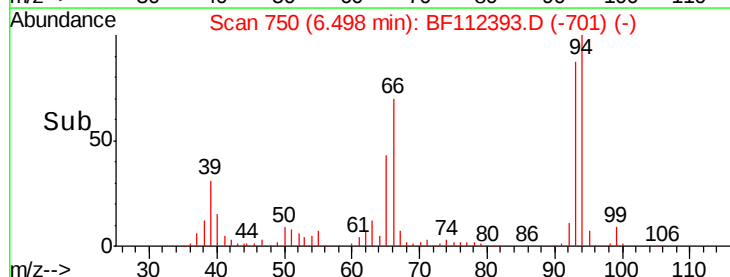
65 49.6 25.3 37.9#

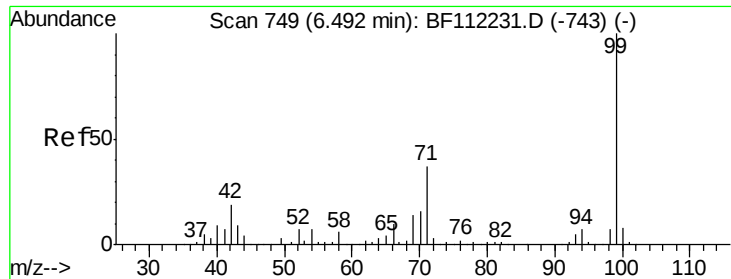


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.506 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampled :

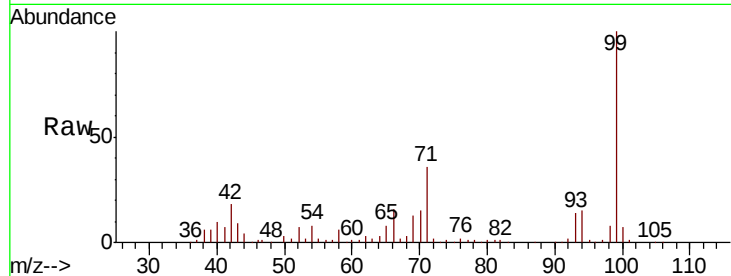
Tot Ion: 99 Resp: 989724

Ion Ratio Lower Upper

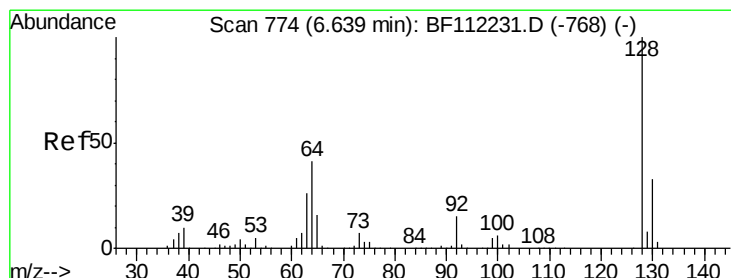
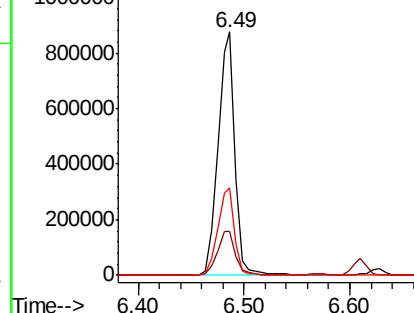
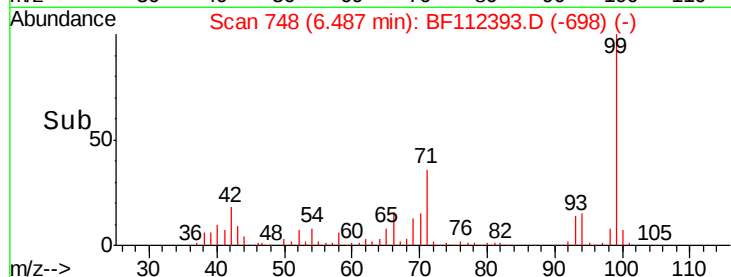
99 100

42 18.3 15.1 22.7

71 35.9 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: 39.866 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

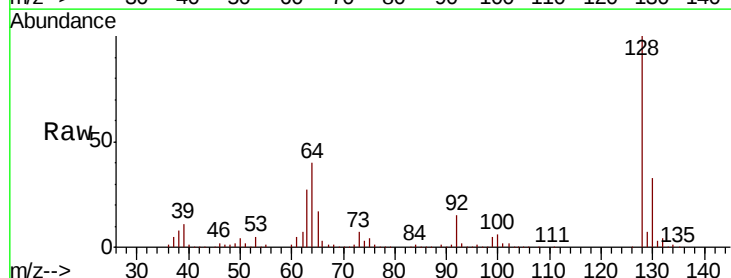
Tgt Ion: 128 Resp: 462984

Ion Ratio Lower Upper

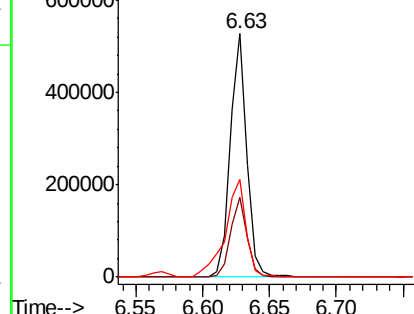
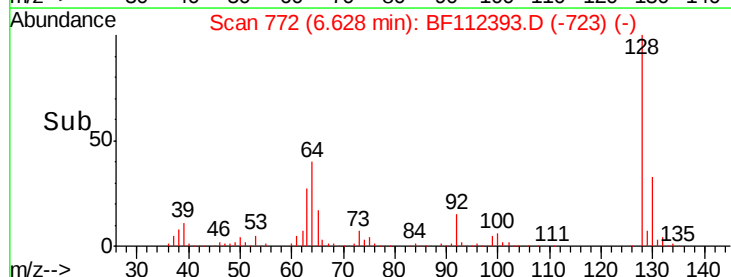
128 100

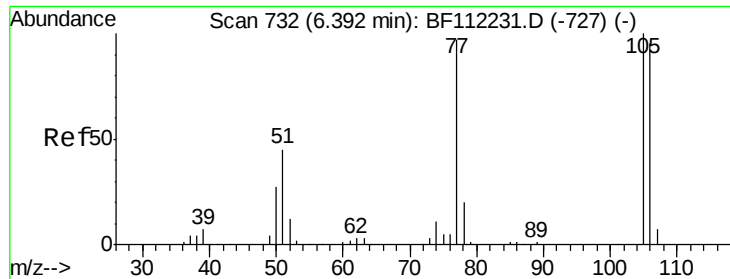
130 33.0 13.4 53.4

64 40.1 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: 39.428 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampleId :

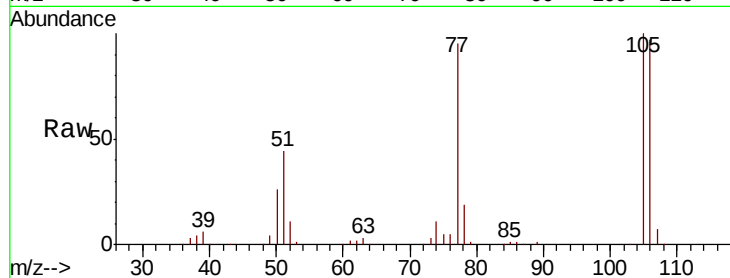
Tot Ion: 77 Resp: 247211

Ion Ratio Lower Upper

77 100

105 105.6 80.8 120.8

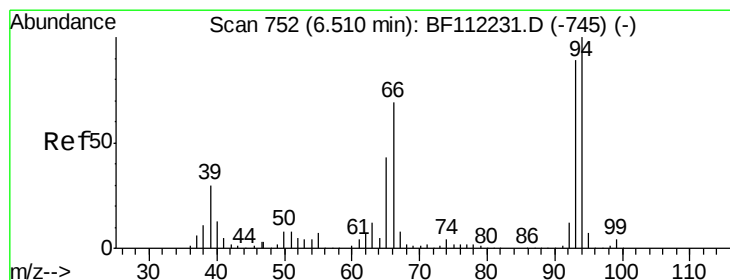
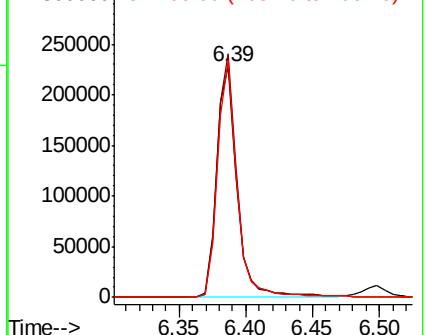
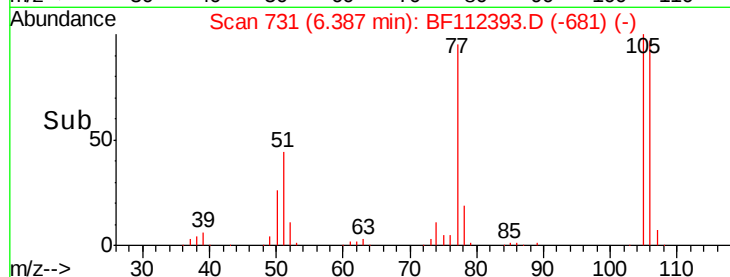
106 102.9 75.7 115.7



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: 41.127 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

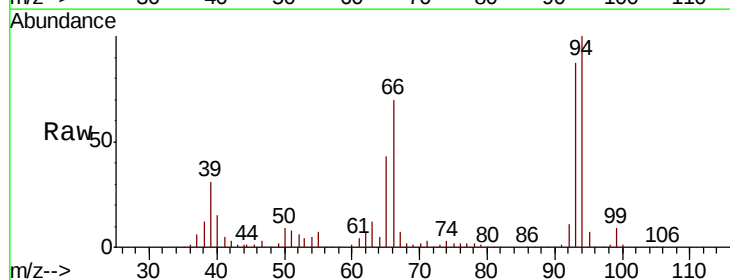
Tgt Ion: 94 Resp: 541257

Ion Ratio Lower Upper

94 100

65 43.3 20.3 60.3

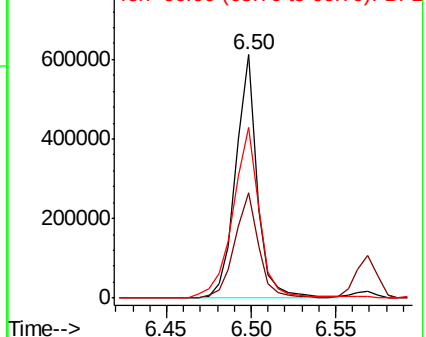
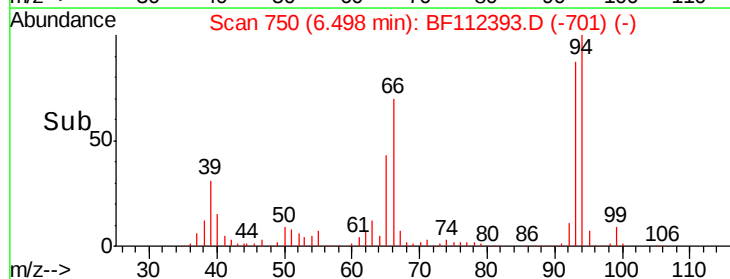
66 69.9 42.4 82.4

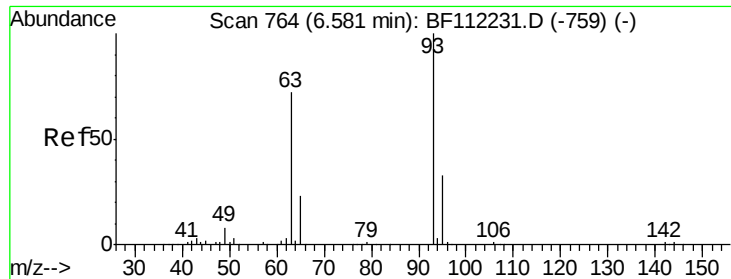


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

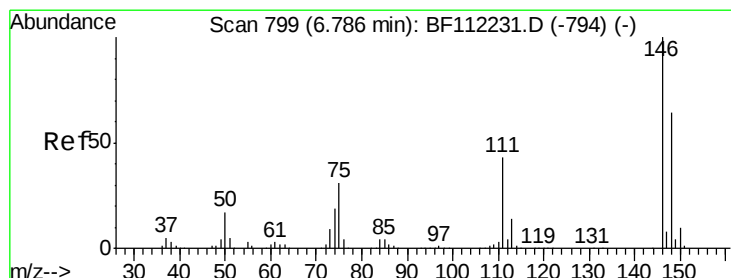
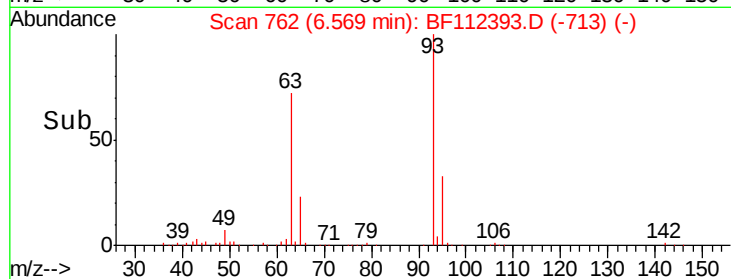
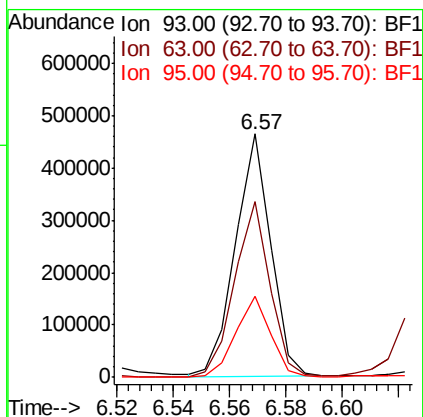
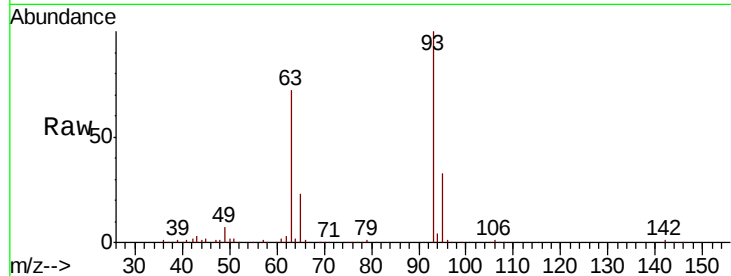




#11
bis(2-Chloroethyl)ether
Concen: 38.964 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

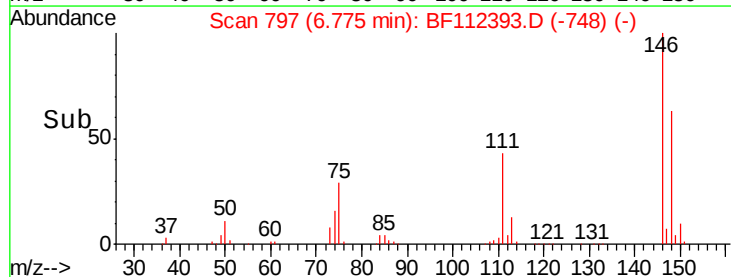
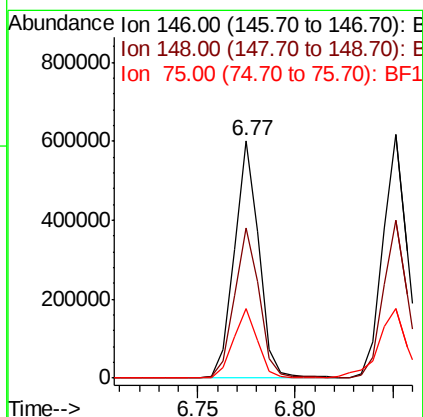
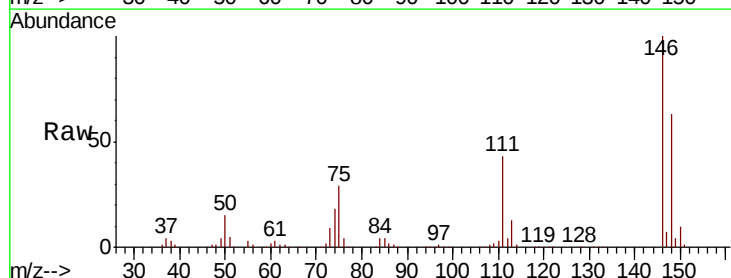
Instrument :
BNA_F
ClientSampleId :

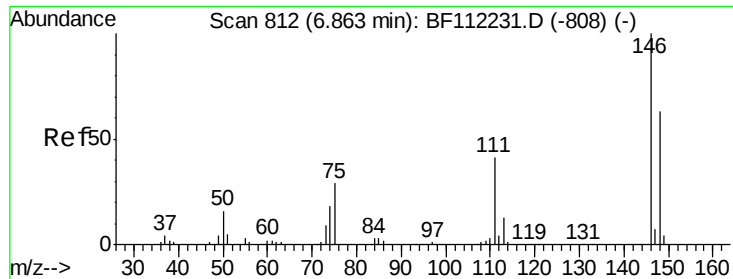
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.2	53.3	93.3
95	33.2	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 38.799 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	29.3	23.1	34.7

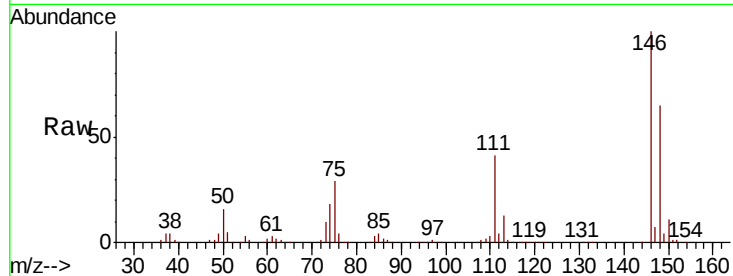




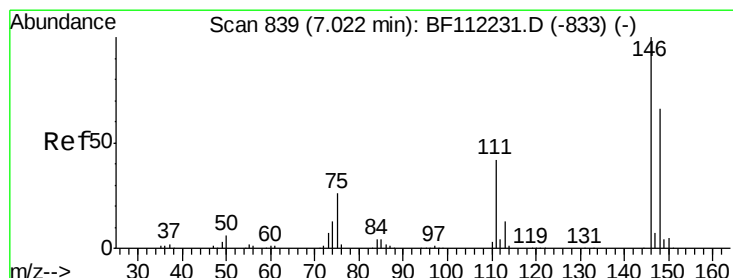
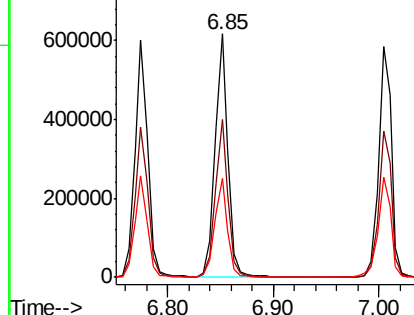
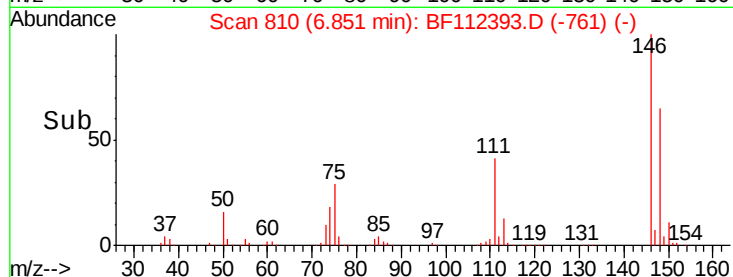
#13
 1,4-Dichlorobenzene
 Concen: 38.556 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 536678
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.0 78.0
 111 40.9 31.2 46.8

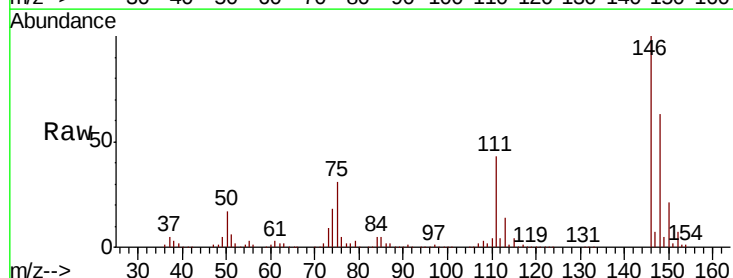


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

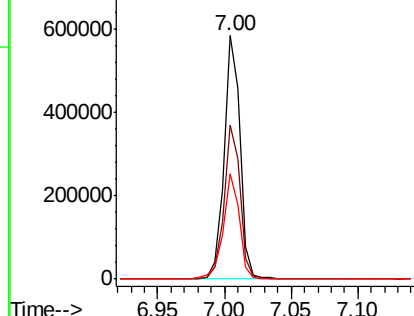
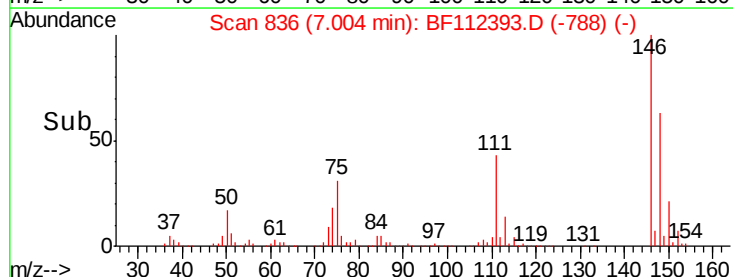


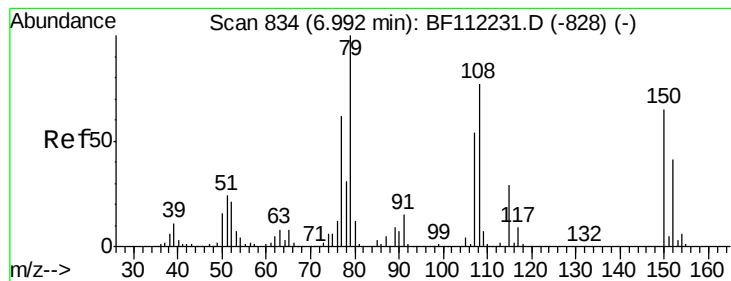
#14
 1,2-Dichlorobenzene
 Concen: 37.931 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion:146 Resp: 494328
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.4
 111 43.4 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: 37.971 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampled :

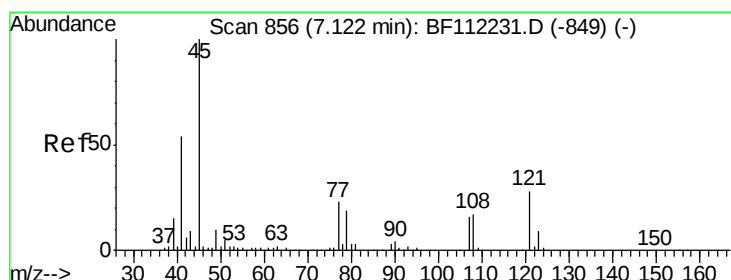
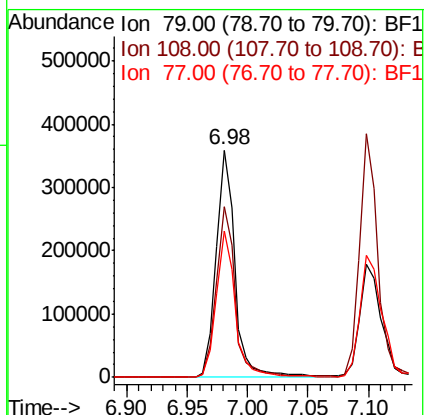
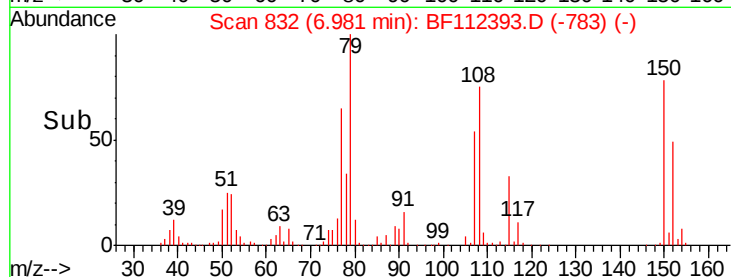
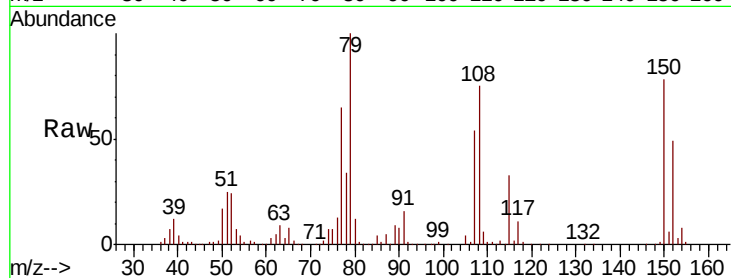
Tot Ion: 79 Resp: 383973

Ion Ratio Lower Upper

79 100

108 75.3 64.2 96.2

77 64.5 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.014 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

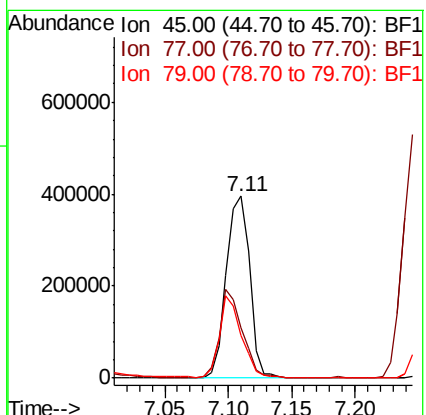
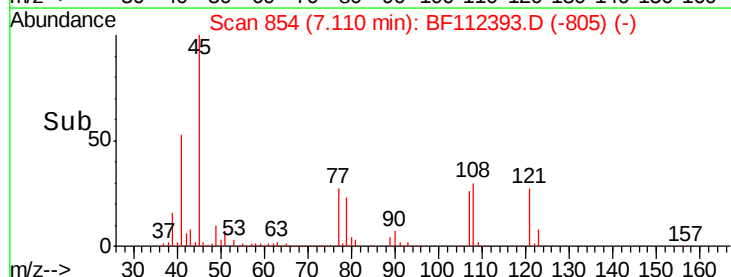
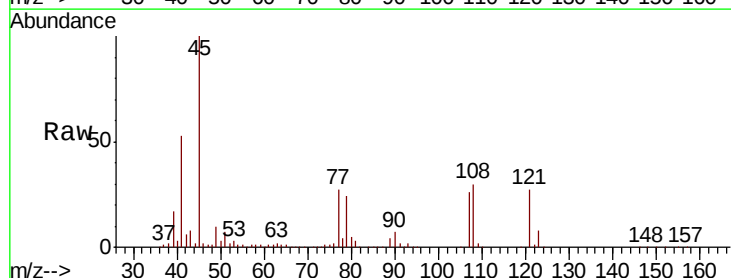
Tgt Ion: 45 Resp: 505722

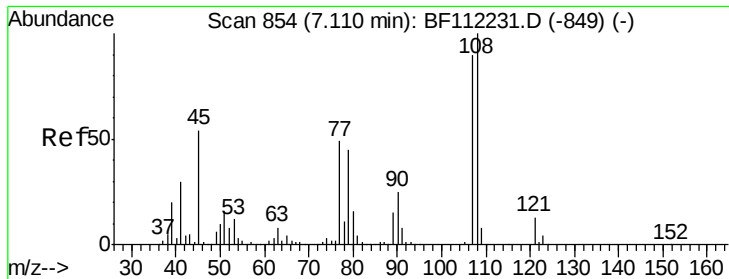
Ion Ratio Lower Upper

45 100

77 27.5 0.0 36.9

79 23.7 0.0 34.0

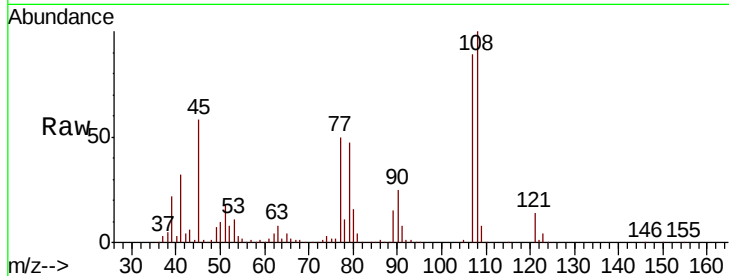




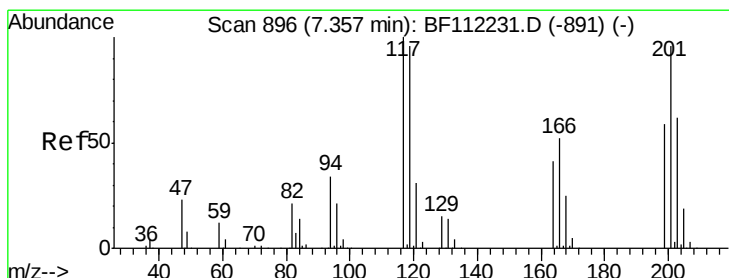
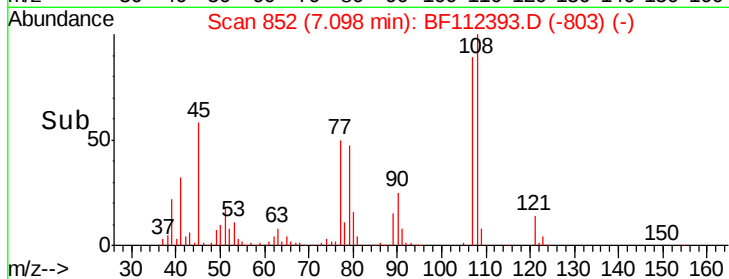
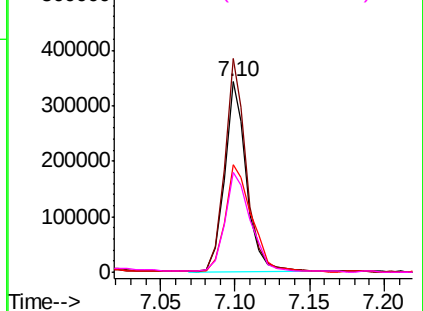
#17
2-Methylphenol
Concen: 38.272 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	352343
Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.3	136.9
77	56.3	39.0	58.6
79	52.3	37.0	55.4

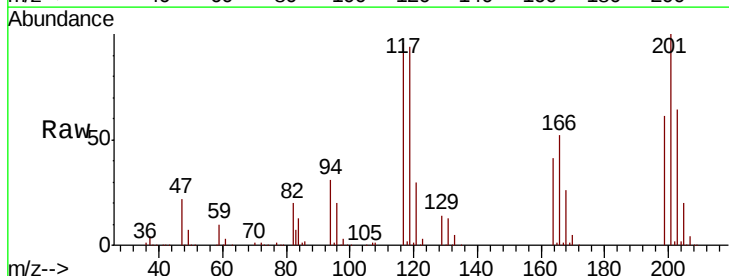


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

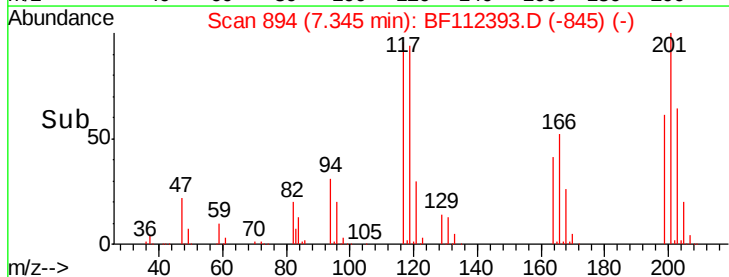
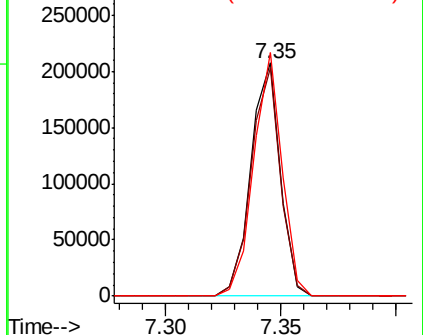


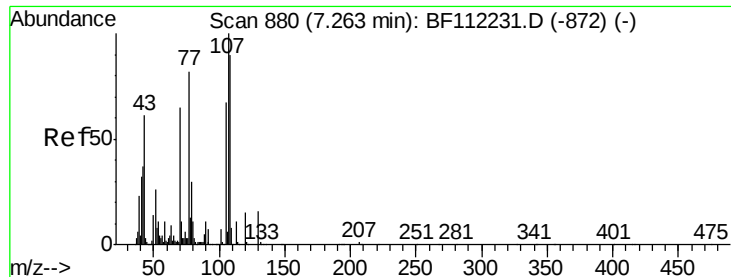
#18
Hexachloroethane
Concen: 37.827 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:	117	Resp:	184894
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.0	115.4
201	104.4	74.1	111.1



Abundance Ion 117.00 (116.70 to 117.70): E
300000 Ion 119.00 (118.70 to 119.70): E
250000 Ion 201.00 (200.70 to 201.70): E
200000
150000
100000
50000
0

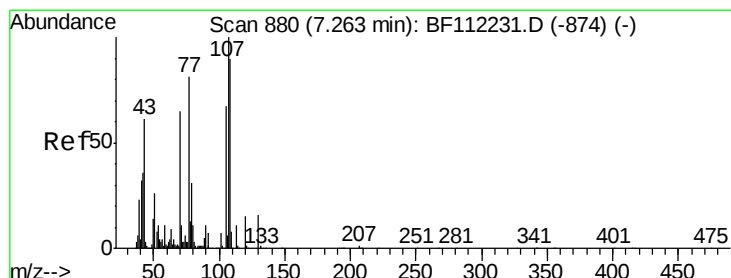
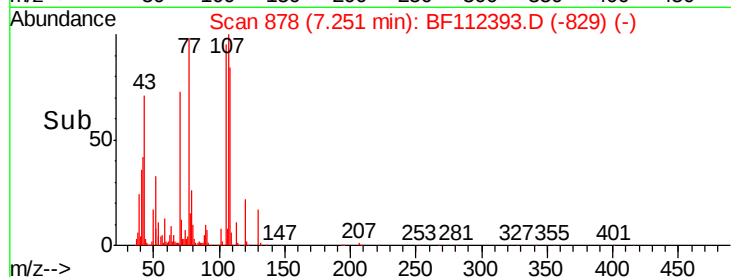
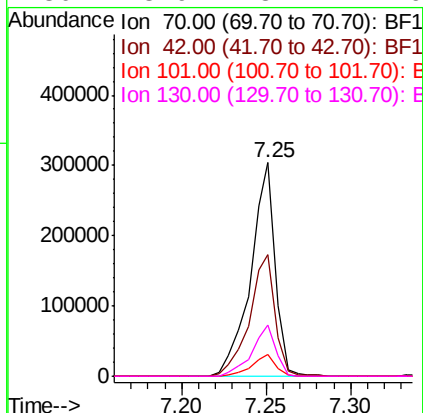
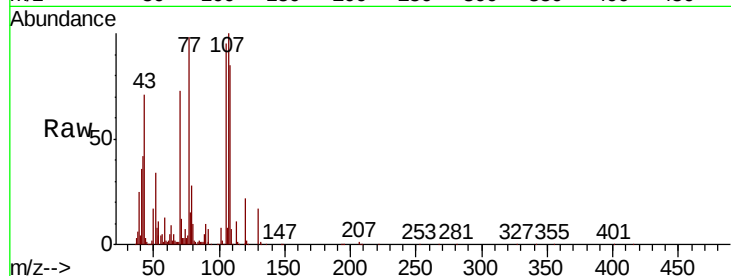




#19
n-Nitroso-di-n-propylamine
Concen: 37.509 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

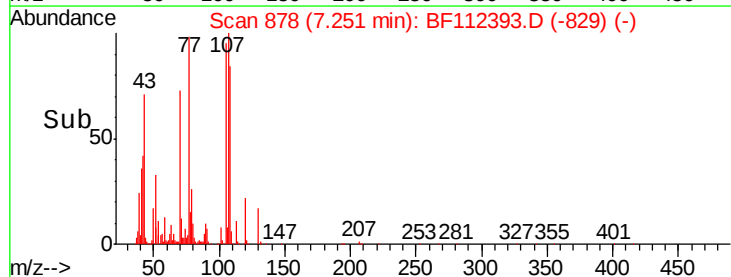
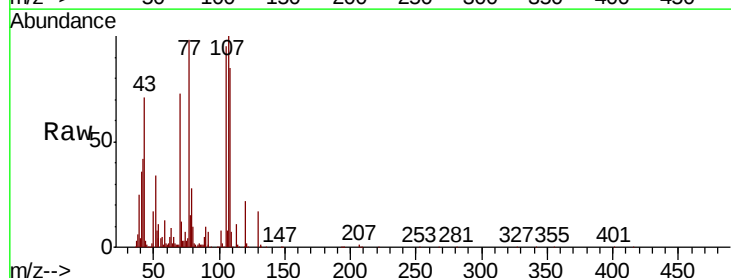
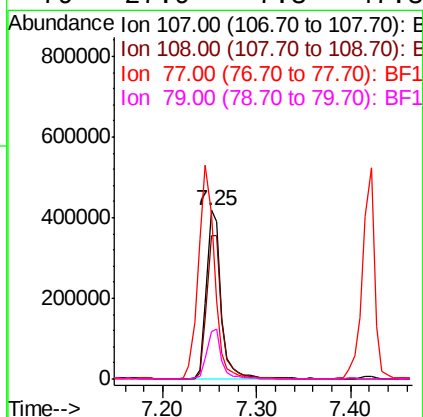
Instrument :
BNA_F
ClientSampleId :

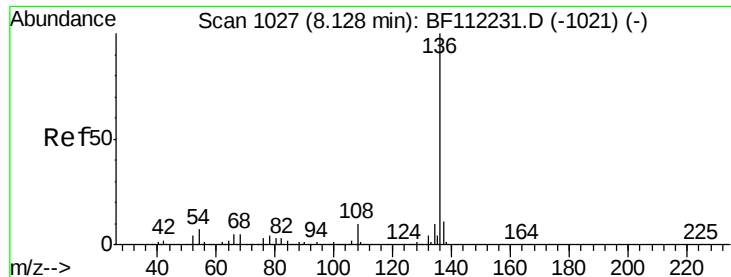
Tot Ion:	70	Resp:	310262
Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.6	71.4
101	10.5	7.9	11.9
130	23.9	18.4	27.6



#20
3+4-Methylphenols
Concen: 38.847 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:	107	Resp:	457328
Ion	Ratio	Lower	Upper
107	100		
108	84.7	68.2	108.2
77	97.9	100.7	140.7#
79	27.9	7.3	47.3

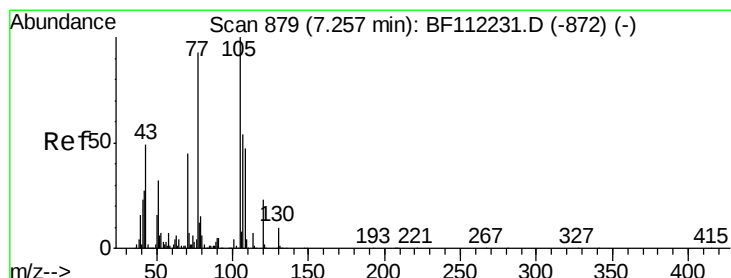
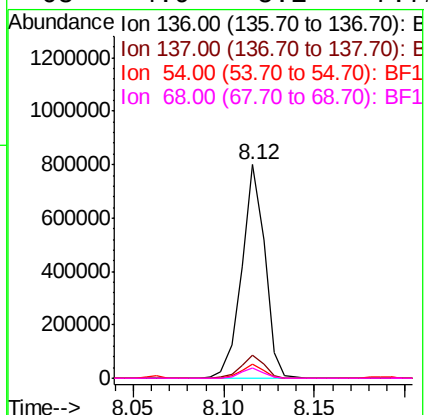
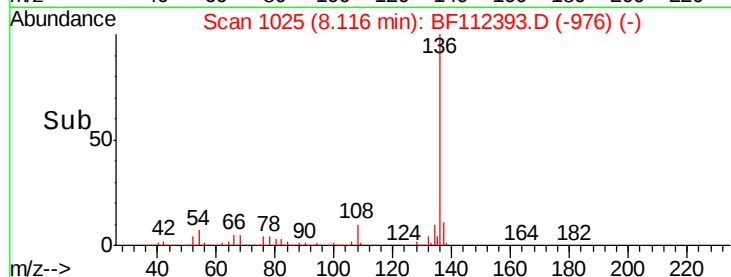
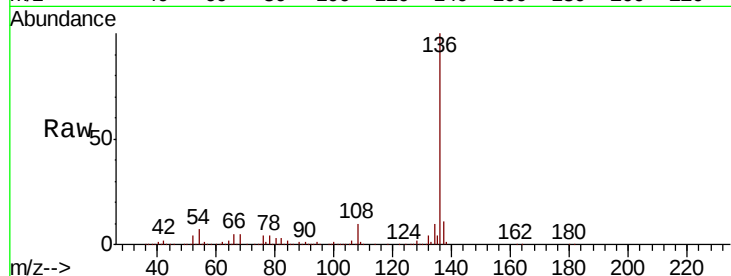




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

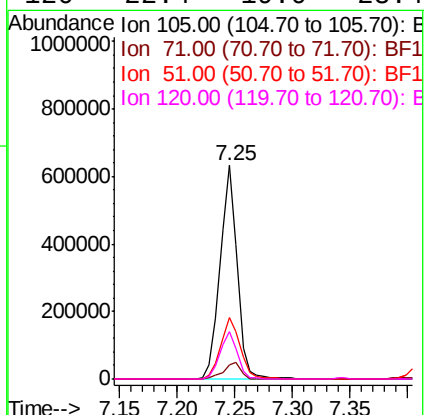
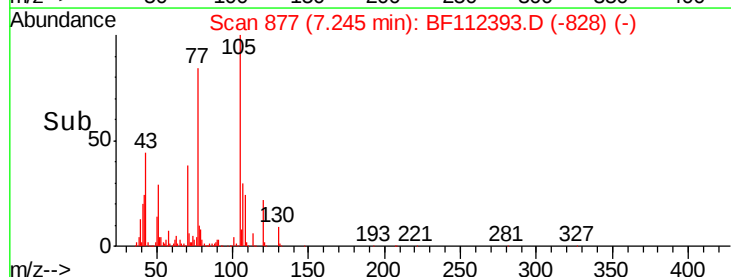
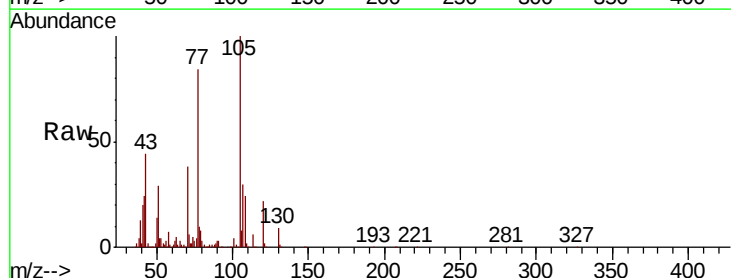
Instrument :
BNA_F
ClientSampleId :

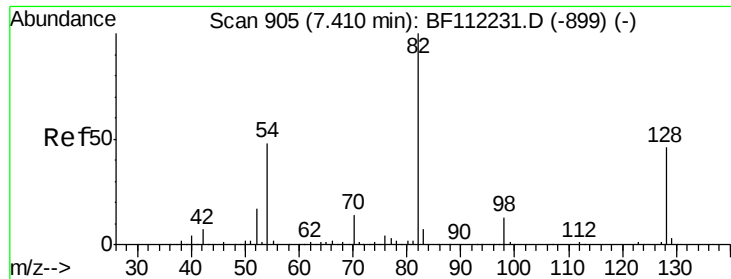
Tot Ion:136	Resp:	706747
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	6.5	5.9 8.9
68	4.9	5.1 7.7#



#22
Acetophenone
Concen: 37.949 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:105	Resp:	653085
Ion Ratio	Lower	Upper
105	100	
71	6.5	4.6 6.8
51	28.7	25.0 37.6
120	22.4	19.0 28.4

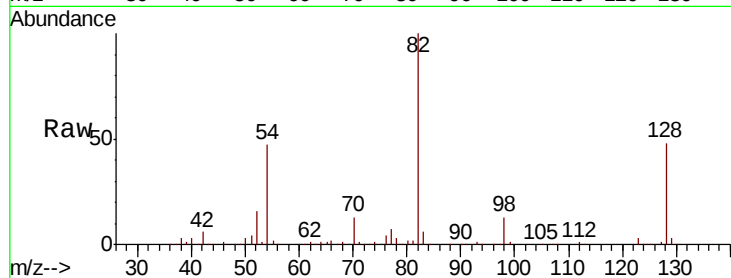




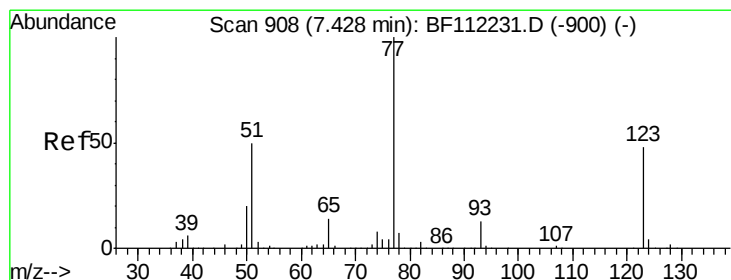
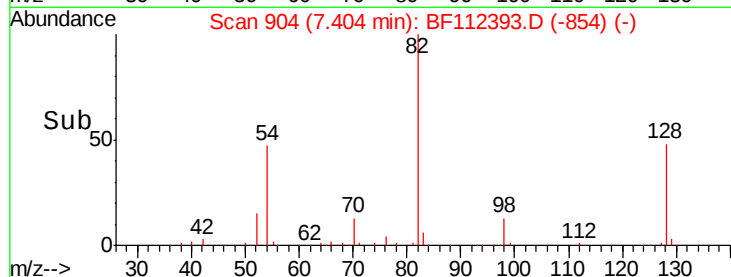
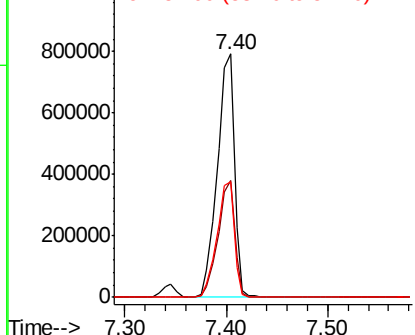
#23
Nitrobenzene-d5
Concen: 76.357 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	936569
Ion Ratio	100		
Lower		37.8	
Upper		56.8	
54	47.3	39.7	59.5

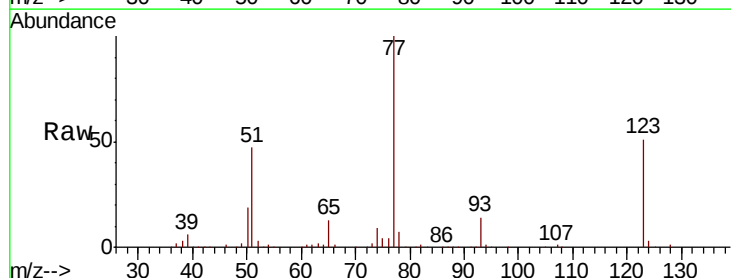


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

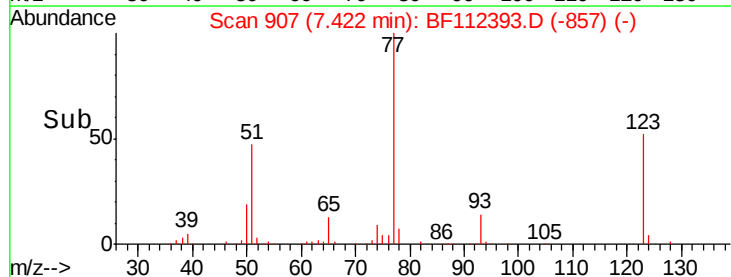
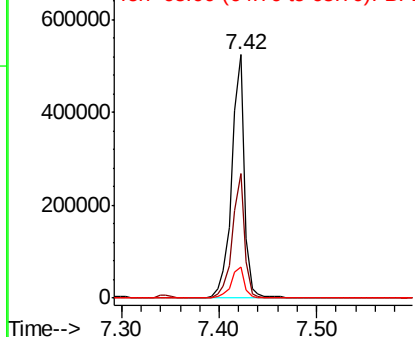


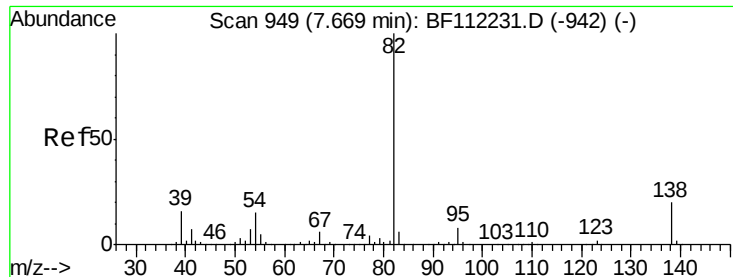
#24
Nitrobenzene
Concen: 38.388 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	77	Resp	470255
Ion Ratio	100		
Lower		38.4	
Upper		57.6	
123	51.1	10.6	15.8
65	13.1		



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

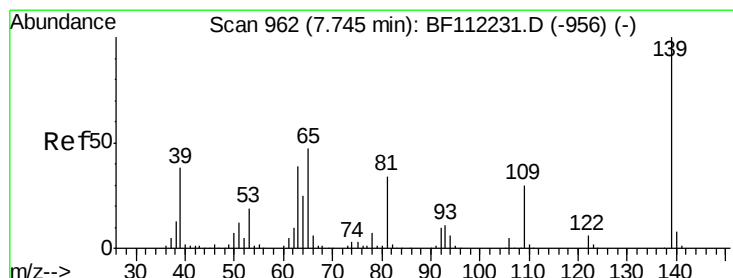
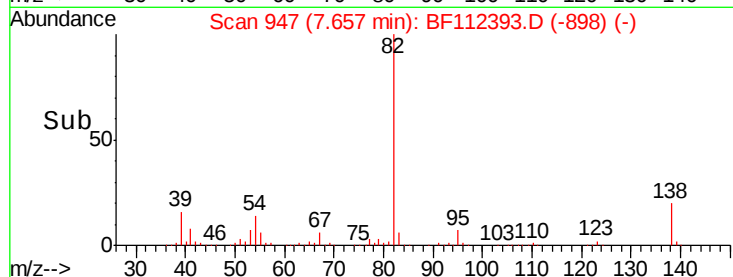
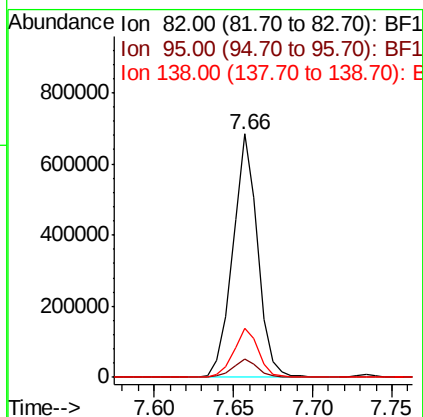
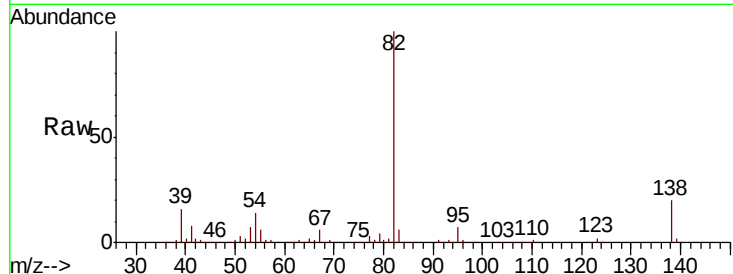




#25
Isophorone
Concen: 38.461 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

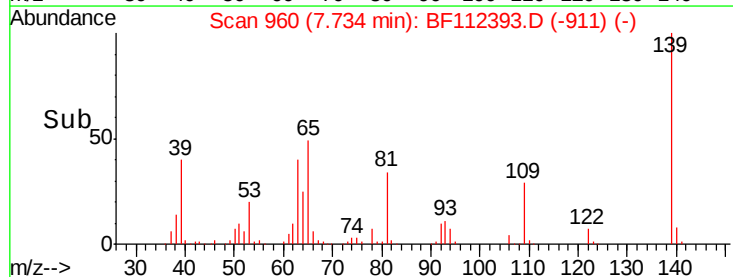
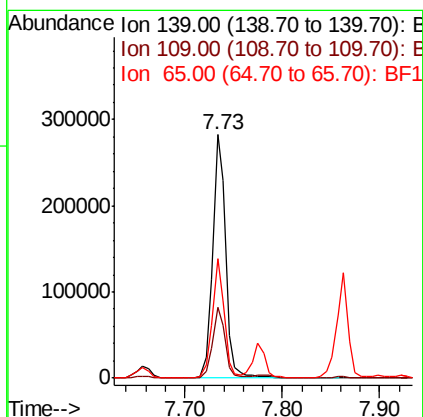
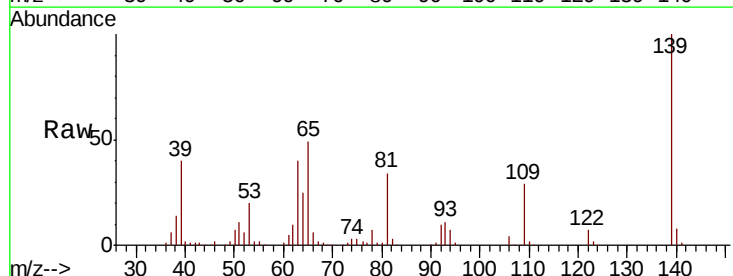
Instrument :
BNA_F
ClientSampleId :

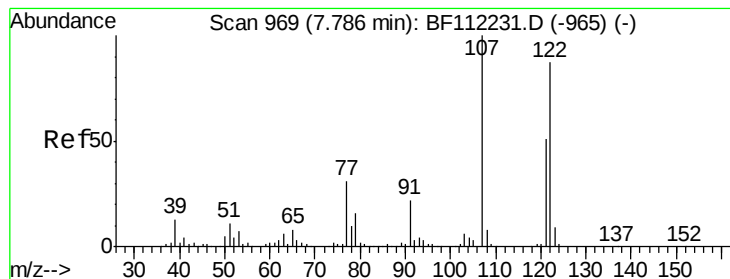
Tot Ion: 82 Resp: 740069
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 20.3 15.4 23.0



#26
2-Nitrophenol
Concen: 39.994 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion: 139 Resp: 261822
Ion Ratio Lower Upper
139 100
109 28.8 20.8 31.2
65 49.2 34.4 51.6





#27

2,4-Dimethylphenol

Concen: 38.786 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampleId :

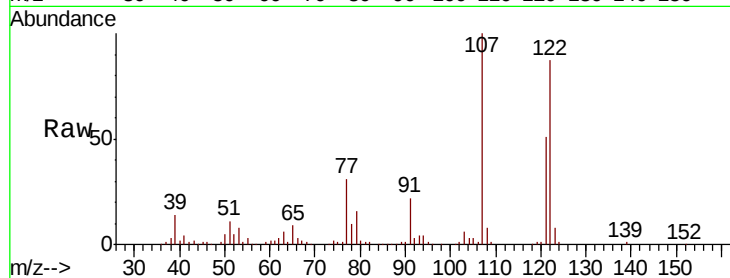
Tot Ion:122 Resp: 349830

Ion Ratio Lower Upper

122 100

107 114.8 85.4 128.0

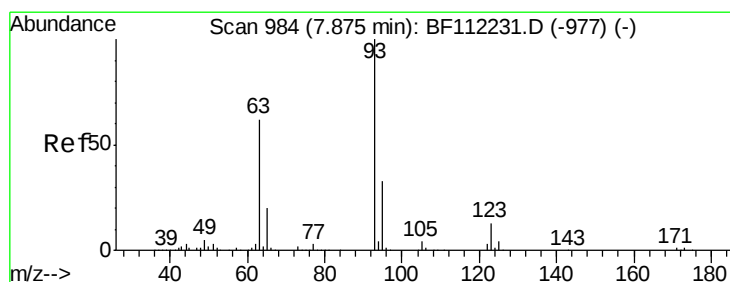
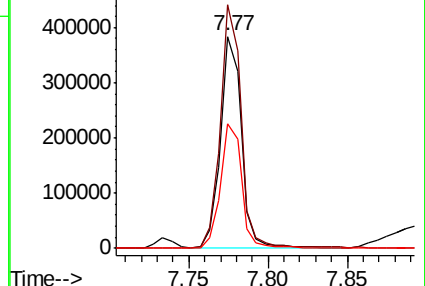
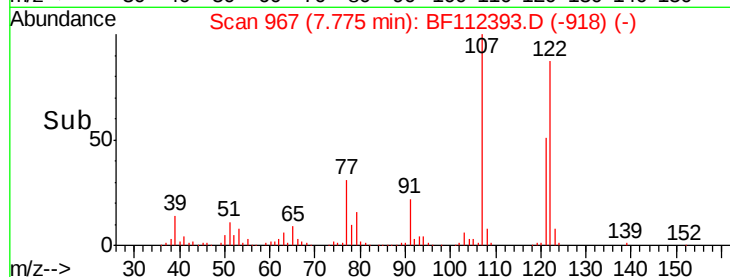
121 58.7 47.0 70.4



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: 37.951 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

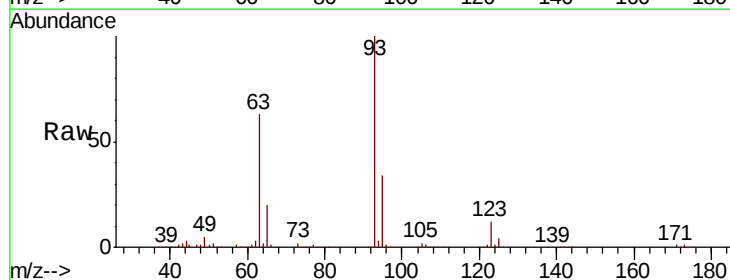
Tgt Ion: 93 Resp: 497241

Ion Ratio Lower Upper

93 100

95 33.8 26.8 40.2

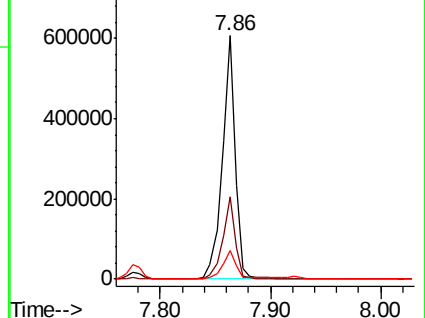
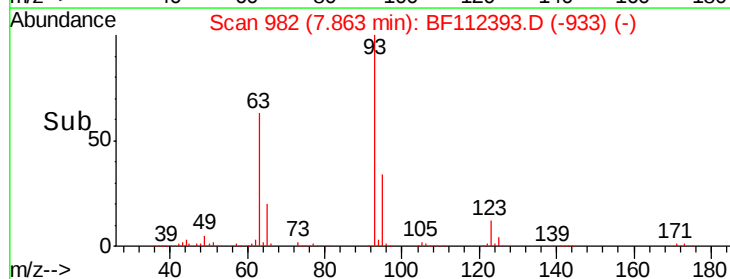
123 12.0 10.2 15.2

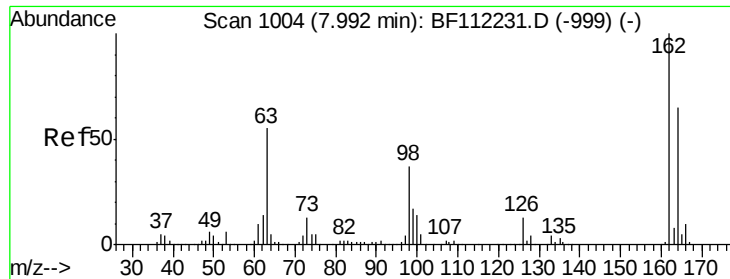


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

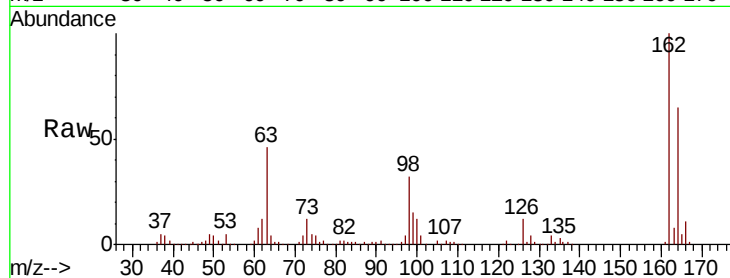




#29
 2,4-Dichlorophenol
 Concen: 39.511 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.6	84.6
98	32.2	14.6	54.6

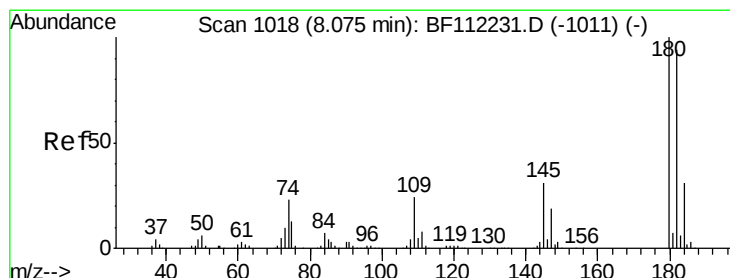
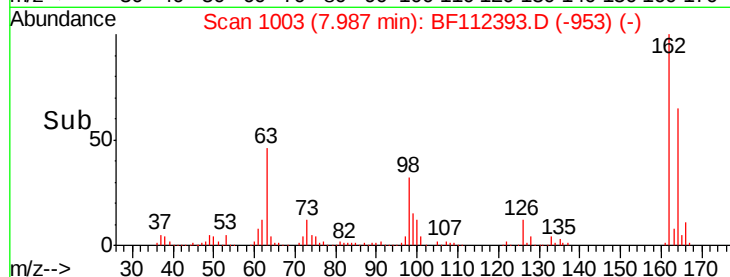
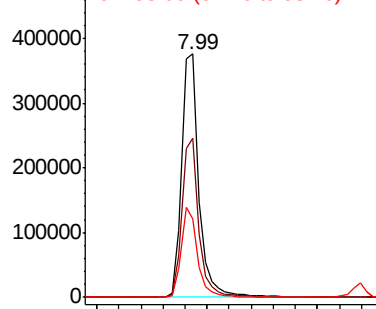


Abundance

Ion 162.00 (161.70 to 162.70): E

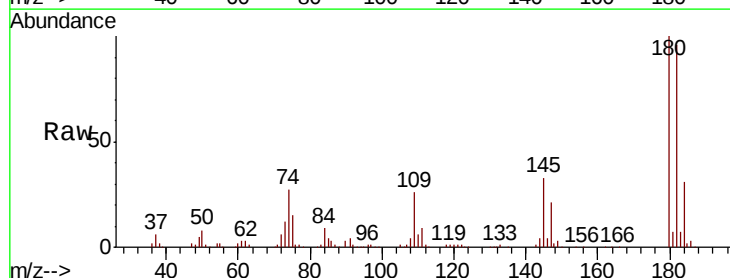
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.367 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	33.2	25.0	37.4

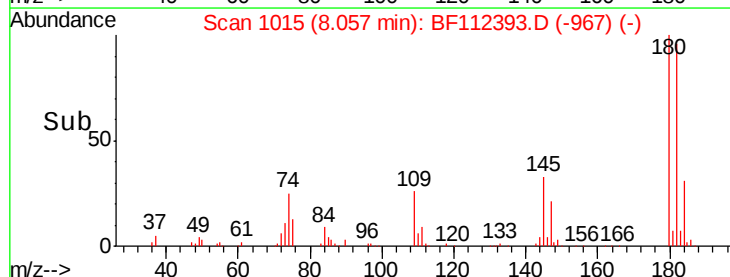
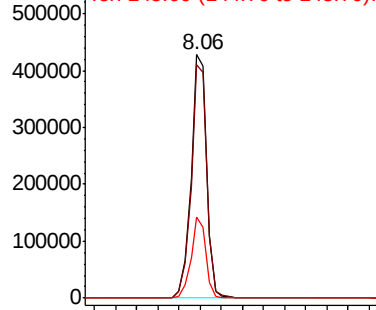


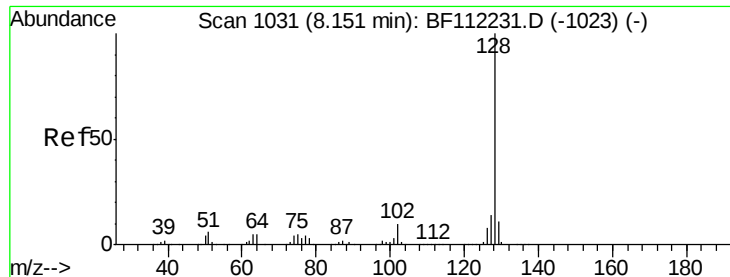
Abundance

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

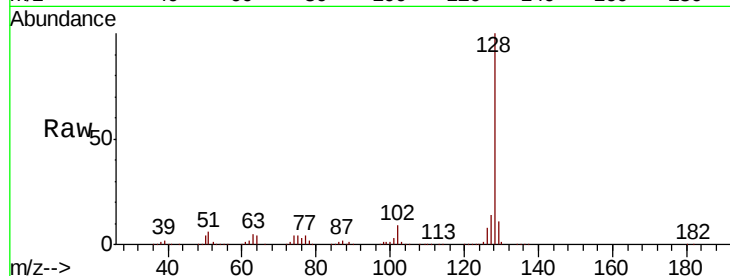




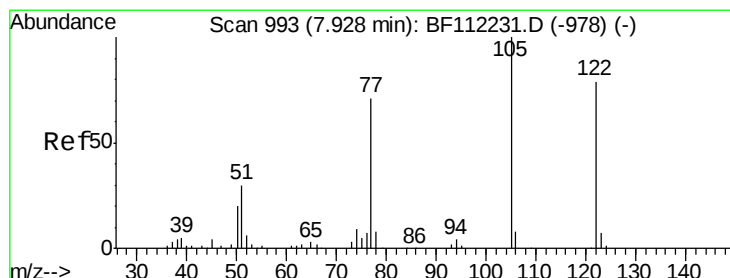
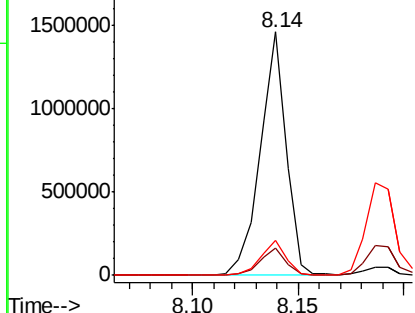
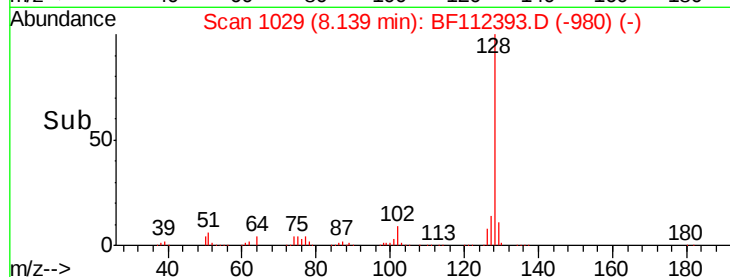
#31
Naphthalene
Concen: 37.963 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1254693
Ion Ratio Lower Upper
128 100
129 11.3 9.6 14.4
127 14.3 11.1 16.7

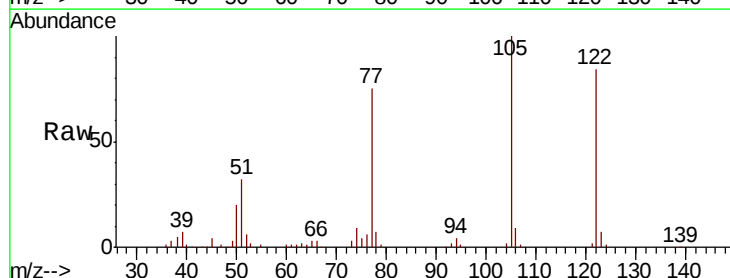


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

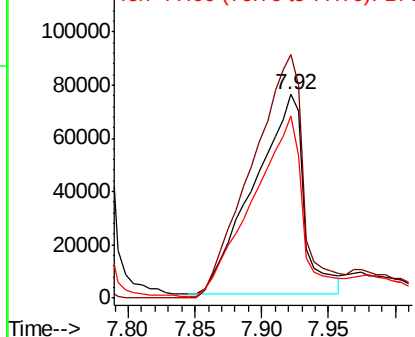
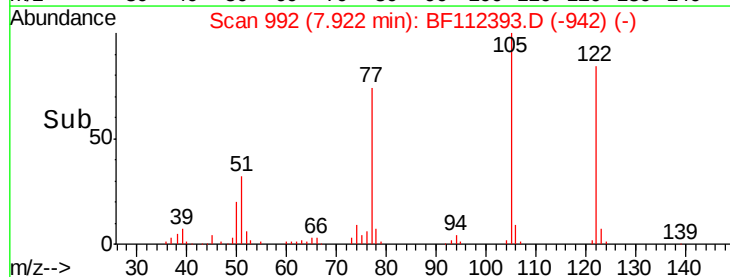


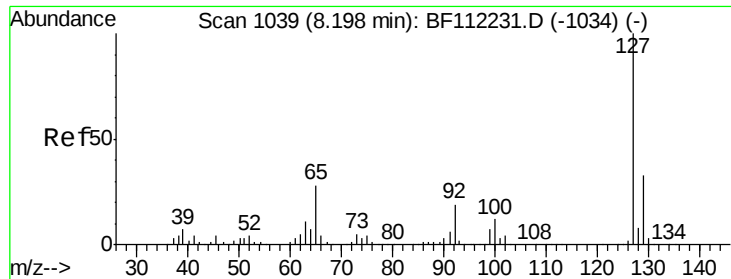
#32
Benzoic acid
Concen: 38.458 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:122 Resp: 197863
Ion Ratio Lower Upper
122 100
105 119.6 101.2 141.2
77 89.4 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
120000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

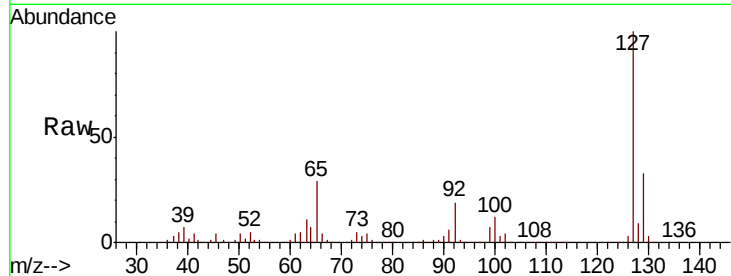




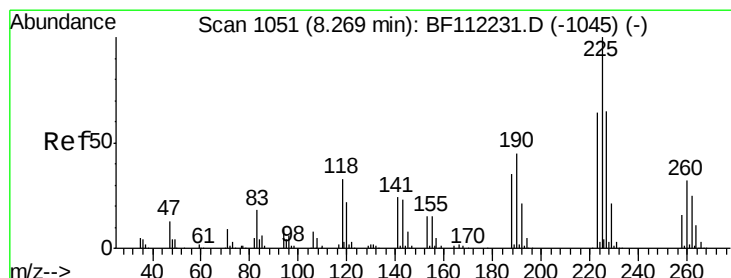
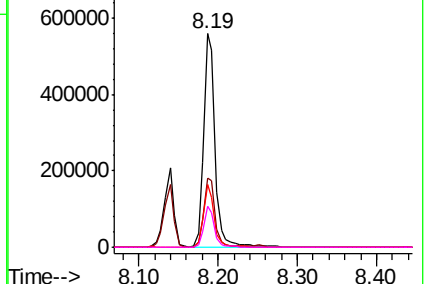
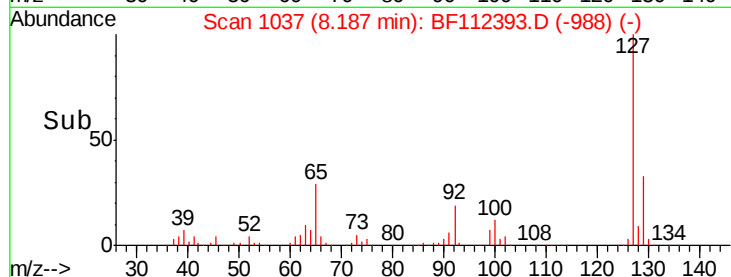
#33
4-Chloroaniline
Concen: 39.397 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	566966
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	29.5	21.4	32.2
92	19.3	14.2	21.2

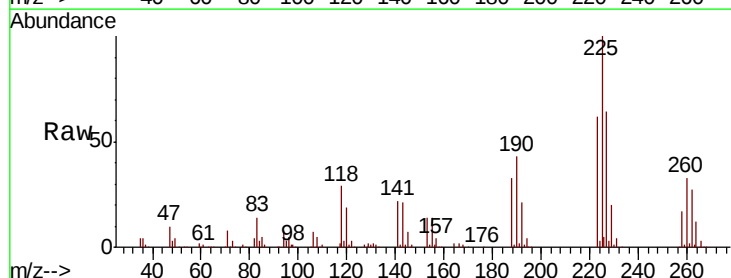


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

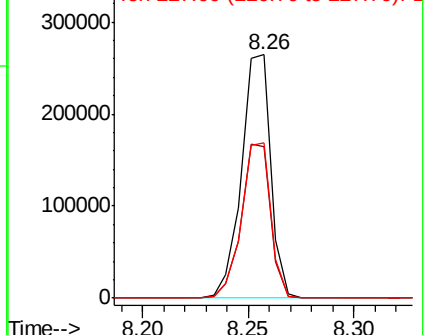
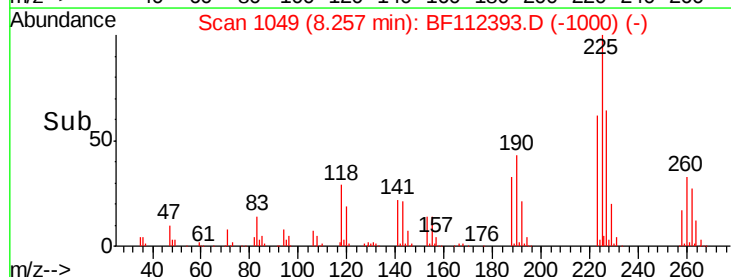


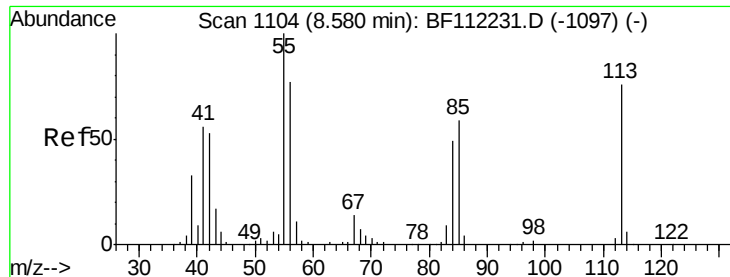
#34
Hexachlorobutadiene
Concen: 37.313 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:	225	Resp:	254040
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.3	75.5
227	63.9	51.8	77.8



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

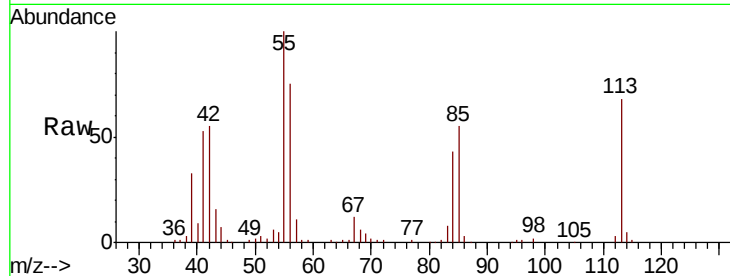




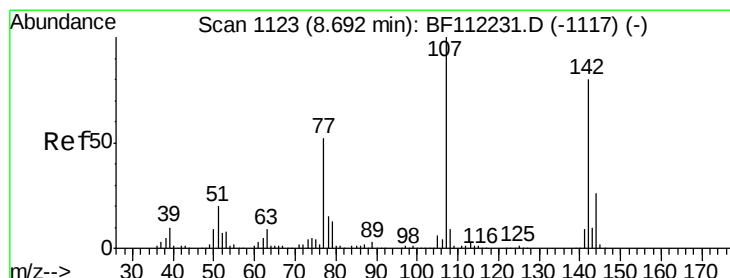
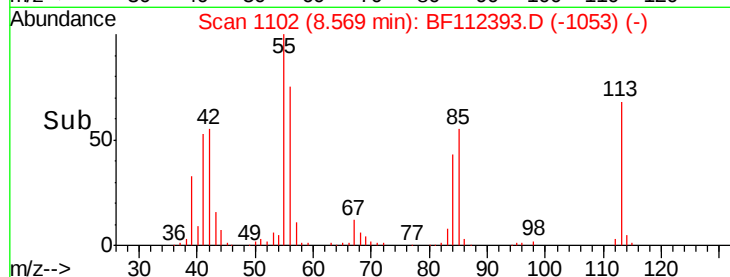
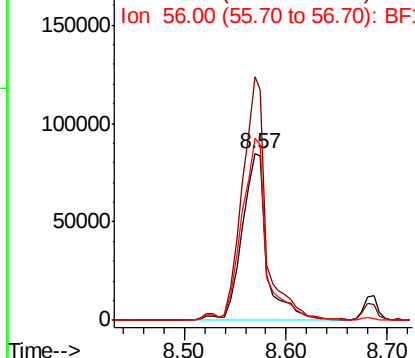
#35
Caprolactam
Concen: 40.335 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 143620
Ion Ratio Lower Upper
113 100
55 146.3 121.6 161.6
56 109.6 86.7 126.7

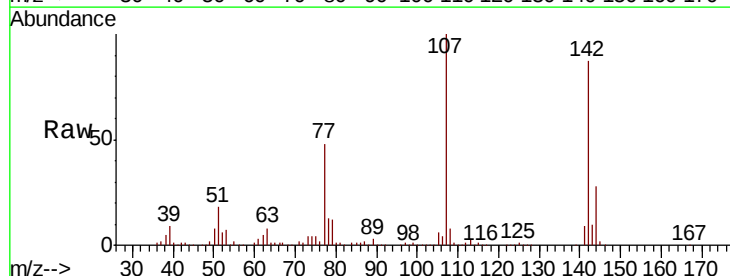


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

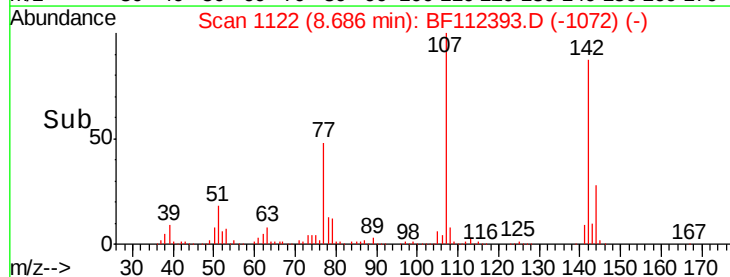
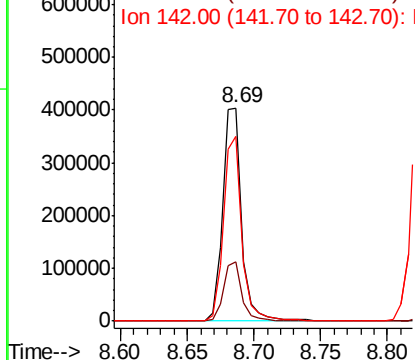


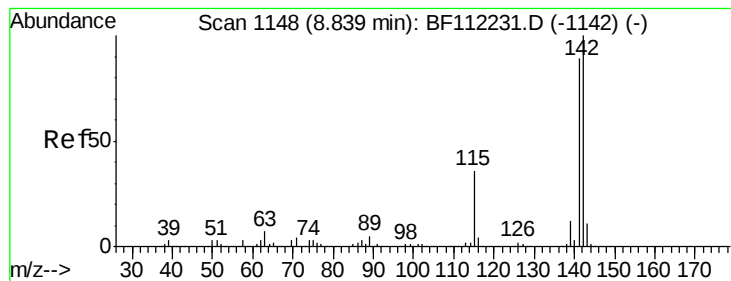
#36
4-Chloro-3-methylphenol
Concen: 38.175 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:107 Resp: 407912
Ion Ratio Lower Upper
107 100
144 28.0 22.2 33.2
142 86.8 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

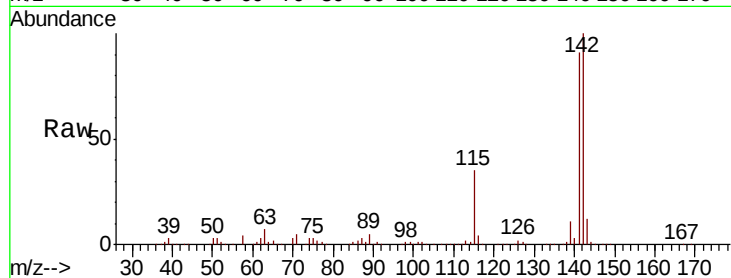




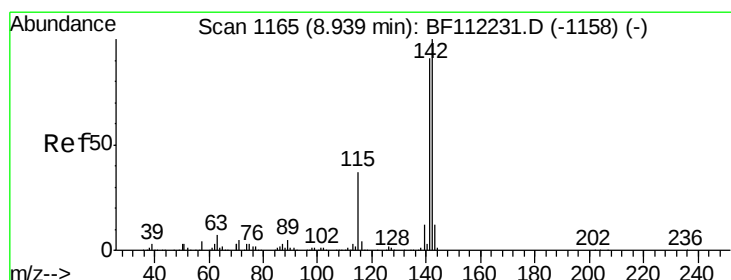
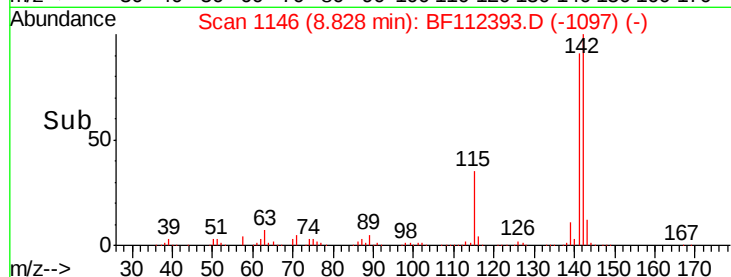
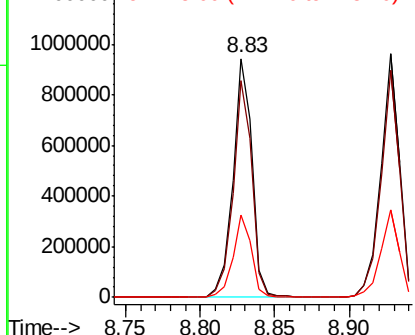
#37
2-Methylnaphthalene
Concen: 37.772 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 854621
Ion Ratio Lower Upper
142 100
141 90.8 70.9 106.3
115 34.6 24.9 37.3

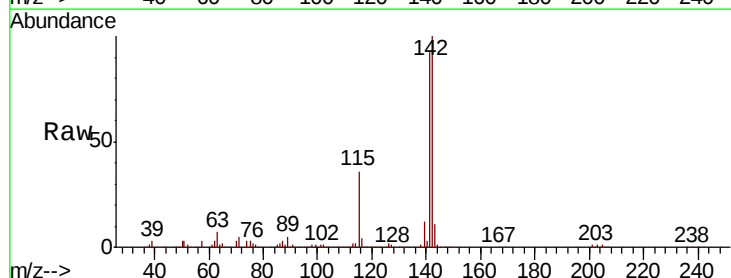


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

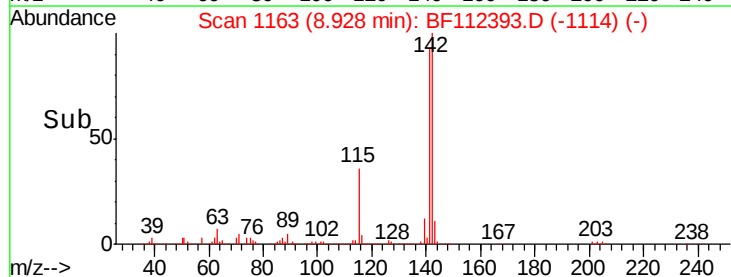
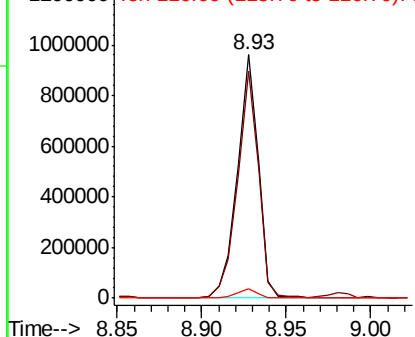


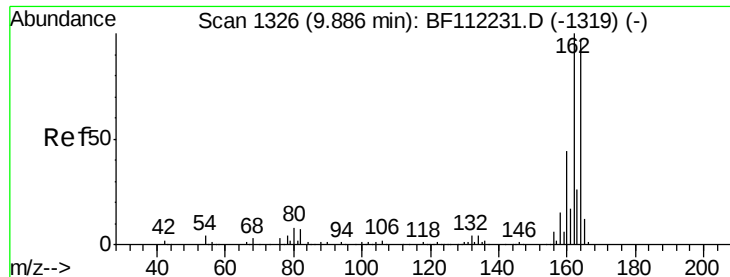
#38
1-Methylnaphthalene
Concen: 37.795 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:142 Resp: 819635
Ion Ratio Lower Upper
142 100
141 93.0 72.6 108.8
116 3.7 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

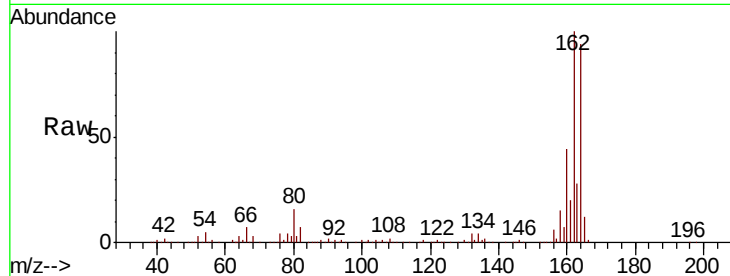




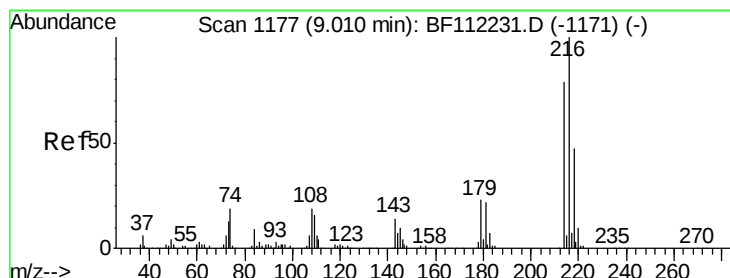
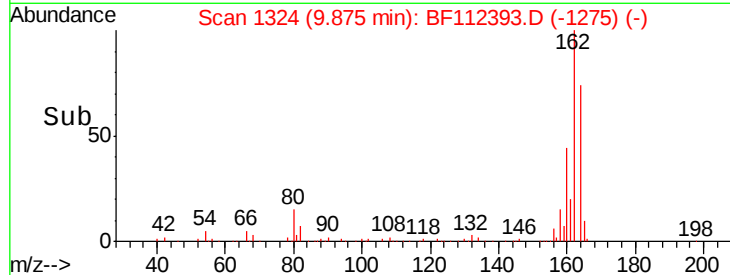
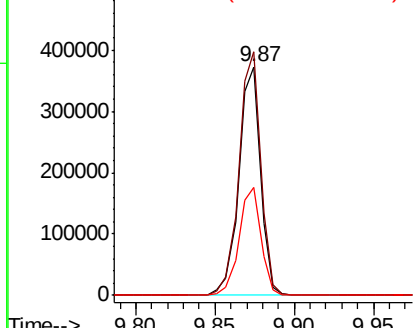
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 352005
 Ion Ratio Lower Upper
 164 100
 162 106.7 82.2 123.4
 160 47.3 36.2 54.4

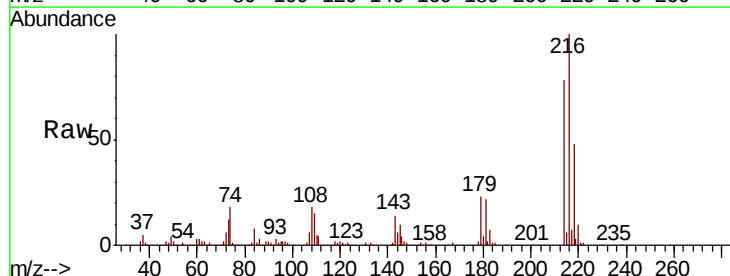


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

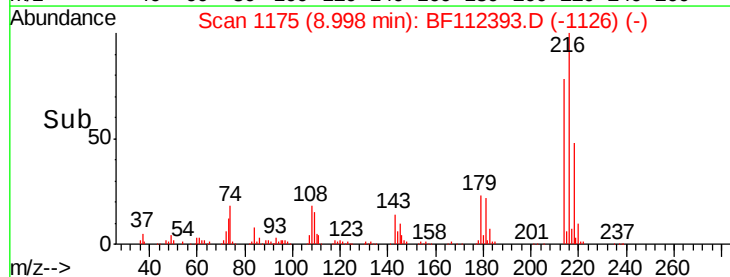
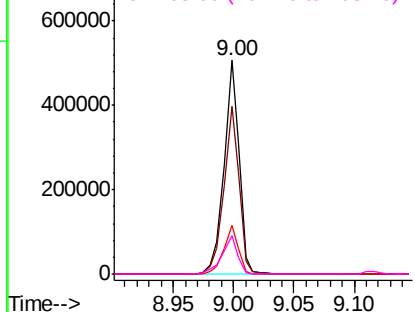


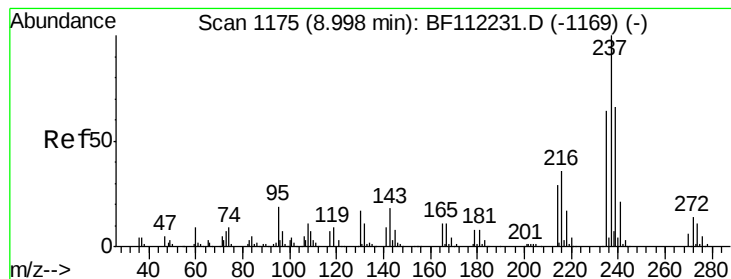
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.856 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion:216 Resp: 437524
 Ion Ratio Lower Upper
 216 100
 214 78.8 63.8 95.6
 179 22.1 16.9 25.3
 108 18.1 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: 36.125 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampleId :

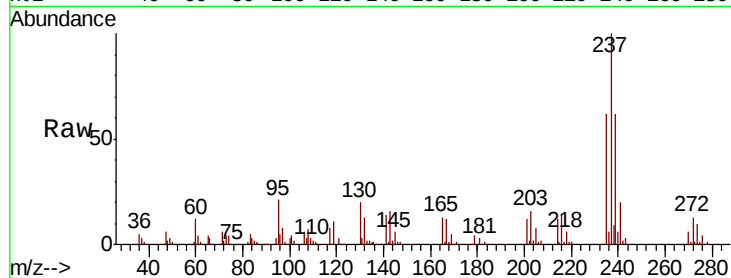
Tot Ion:237 Resp: 132326

Ion Ratio Lower Upper

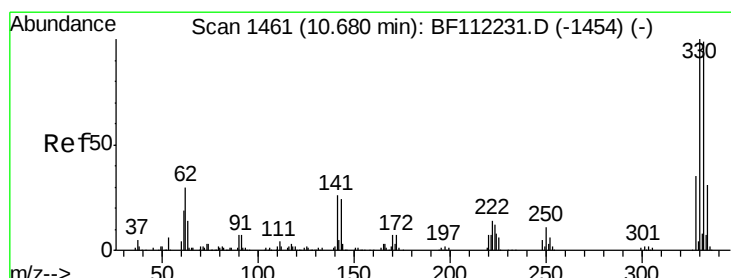
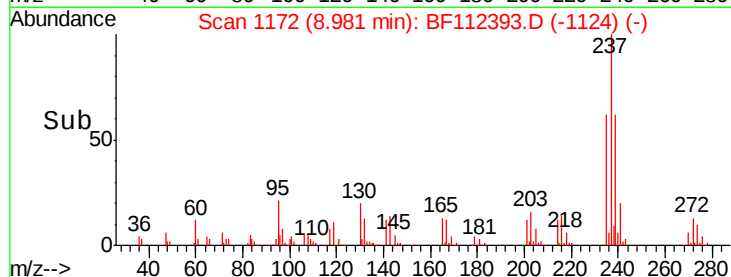
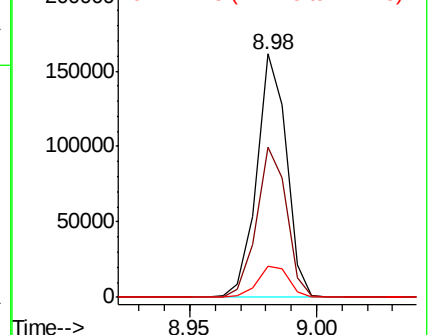
237 100

235 61.9 44.0 84.0

272 12.5 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: 81.497 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

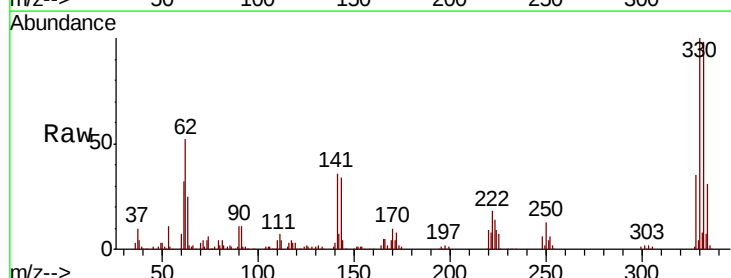
Tgt Ion:330 Resp: 333913

Ion Ratio Lower Upper

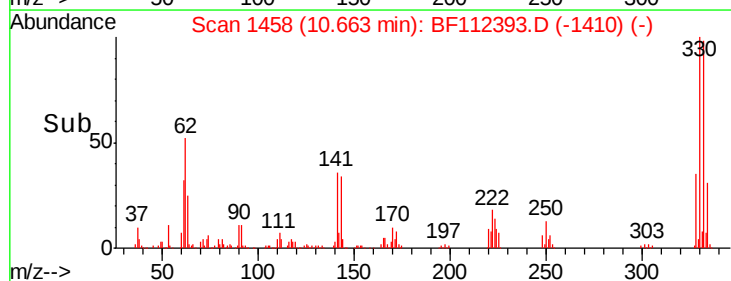
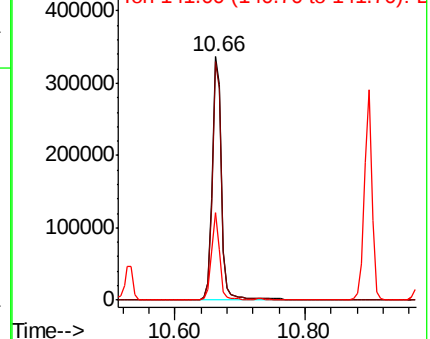
330 100

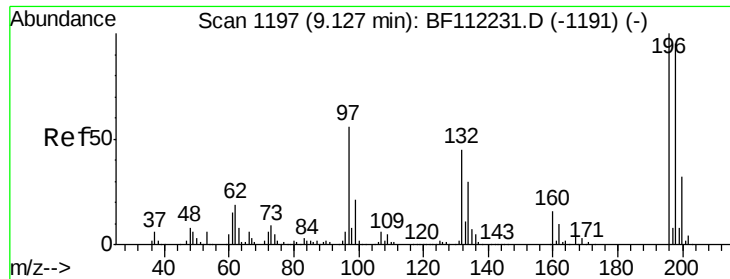
332 96.3 76.6 114.8

141 32.0 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

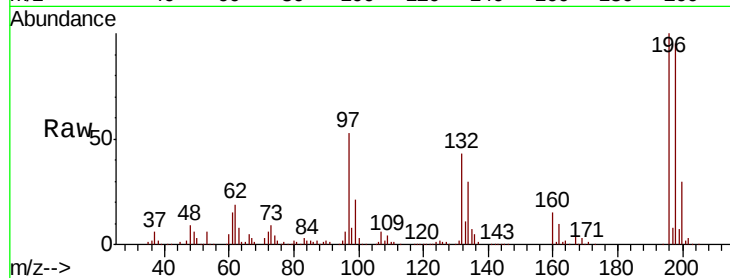




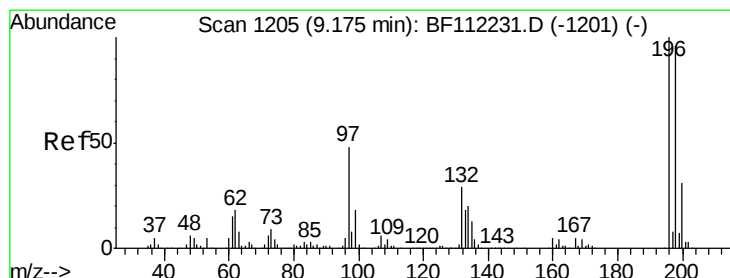
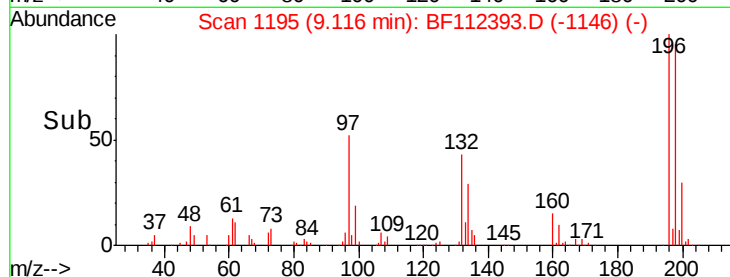
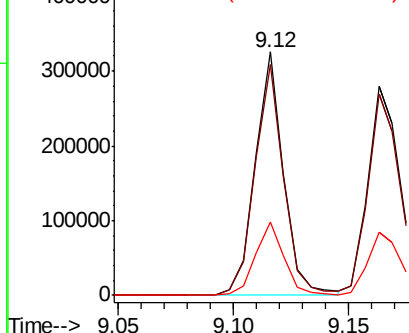
#43
 2,4,6-Trichlorophenol
 Concen: 39.289 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 279901
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.2 114.4
 200 30.2 24.3 36.5

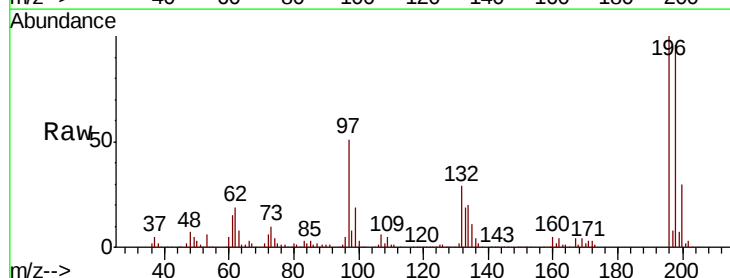


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

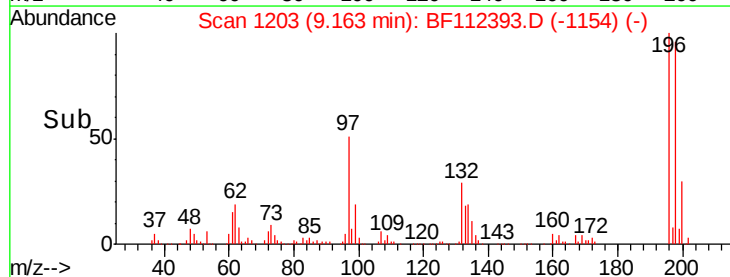
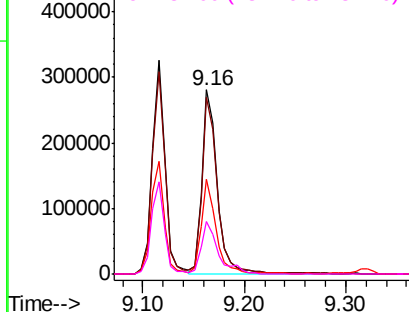


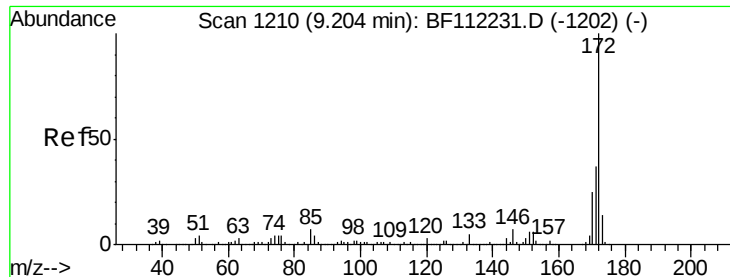
#44
 2,4,5-Trichlorophenol
 Concen: 39.502 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion:196 Resp: 294118
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.0 114.0
 97 51.3 36.4 54.6
 132 28.7 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

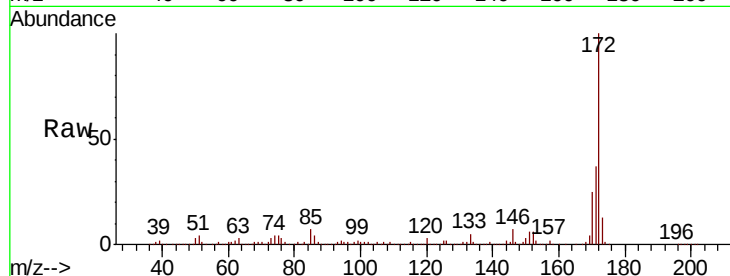




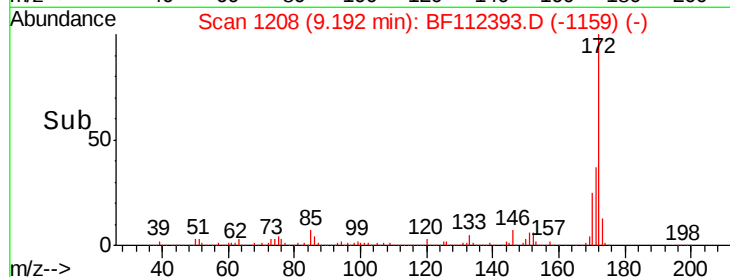
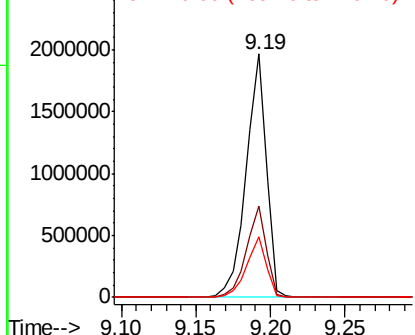
#45
2-Fluorobiphenyl
Concen: 74.298 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1849142
Ion Ratio Lower Upper
172 100
171 37.3 30.5 45.7
170 24.7 20.2 30.4

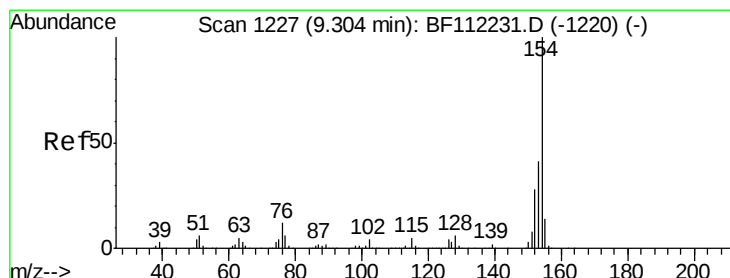


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

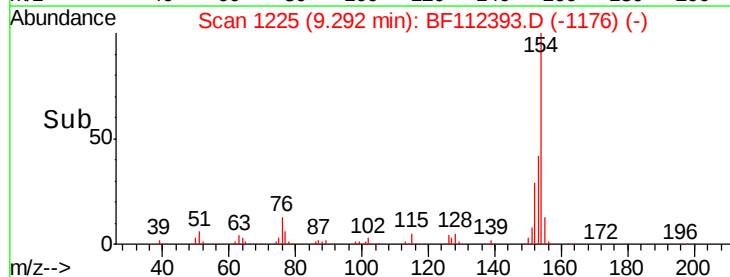
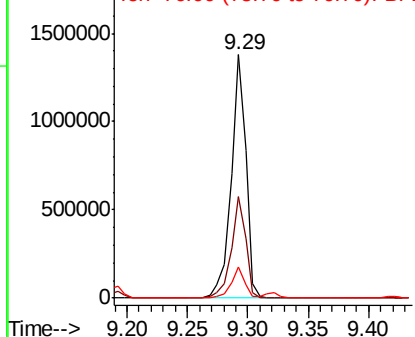


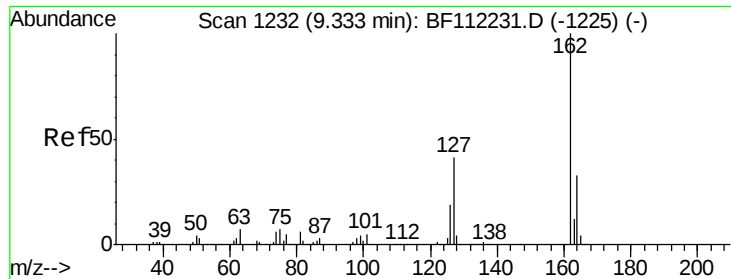
#46
1,1'-Biphenyl
Concen: 38.019 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:154 Resp: 1169978
Ion Ratio Lower Upper
154 100
153 41.5 21.5 61.5
76 12.6 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

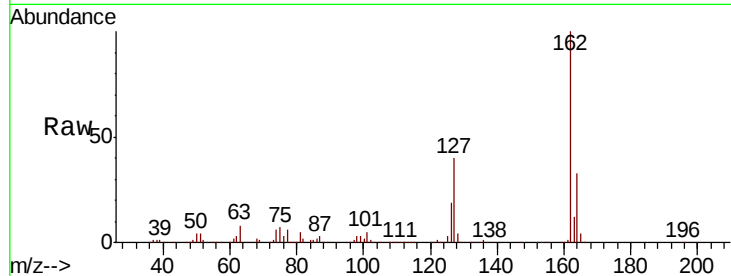




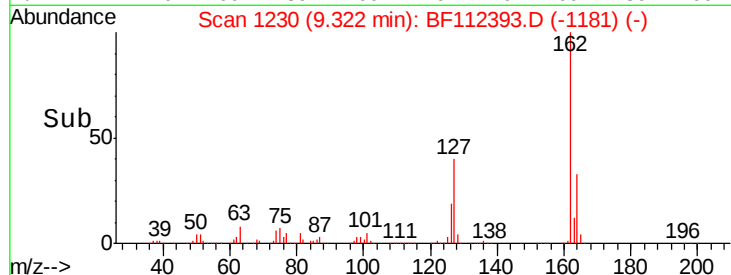
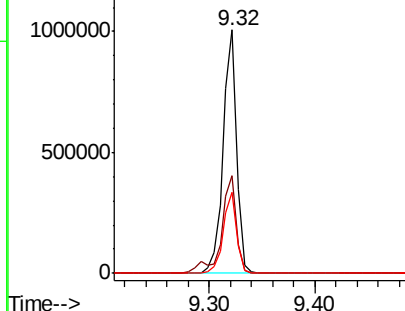
#47
 2-Chloronaphthalene
 Concen: 38.053 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	30.4	45.6
164	33.2	27.4	41.2

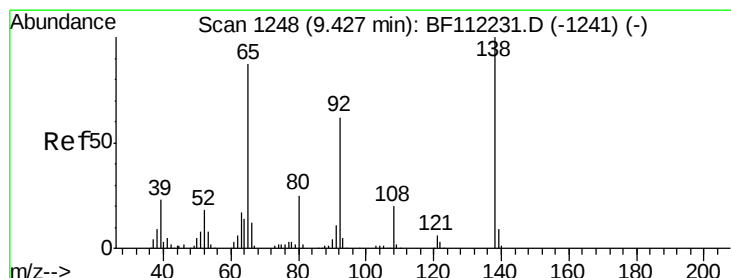


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

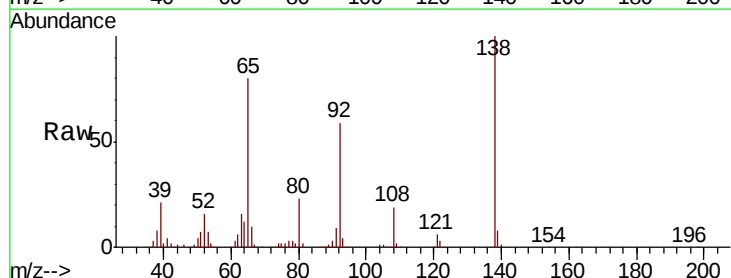
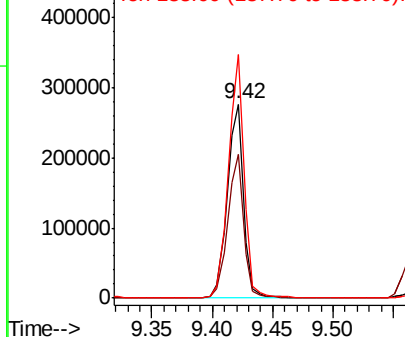


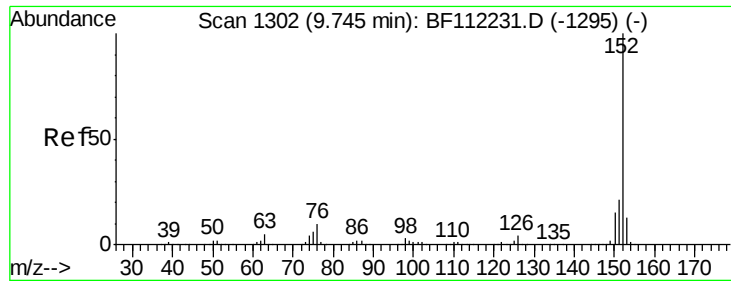
#48
 2-Nitroaniline
 Concen: 40.042 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	60.4	90.6
138	125.4	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: 38.233 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampleId :

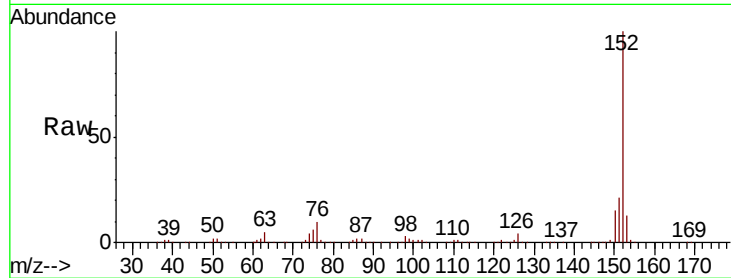
Tot Ion:152 Resp: 1337294

Ion Ratio Lower Upper

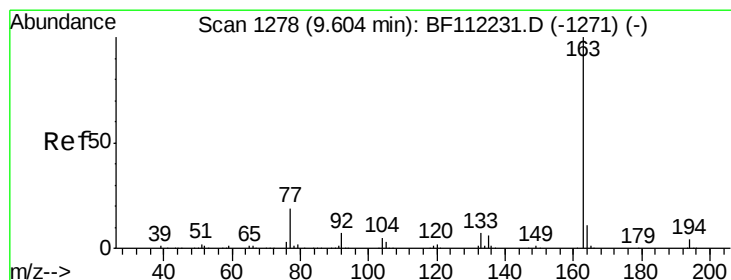
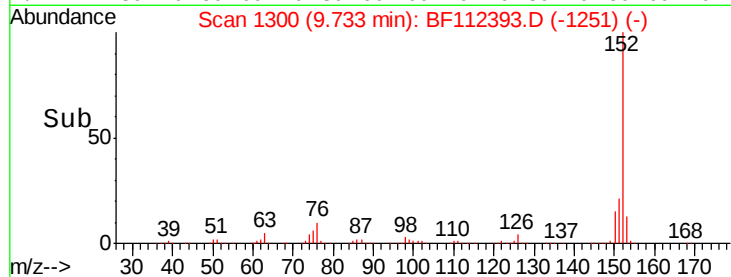
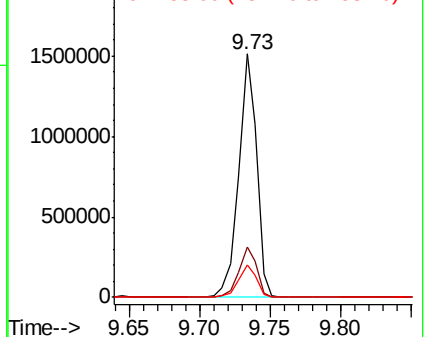
152 100

151 20.6 17.0 25.6

153 13.4 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: 38.171 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

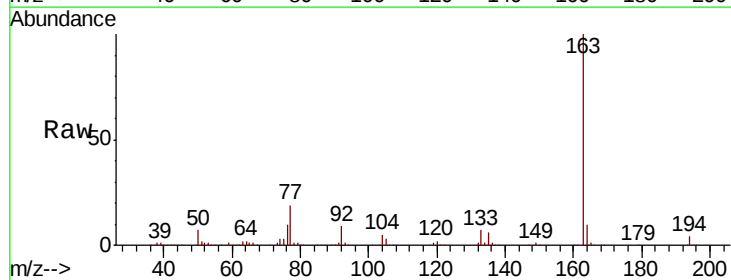
Tgt Ion:163 Resp: 1043942

Ion Ratio Lower Upper

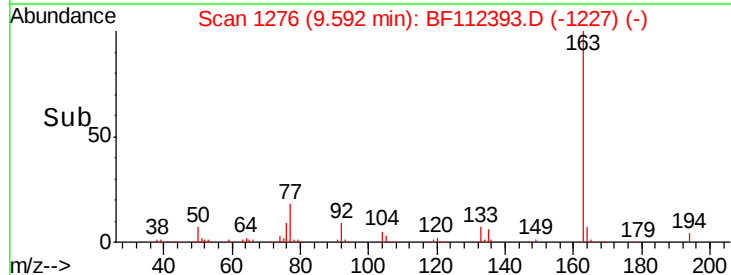
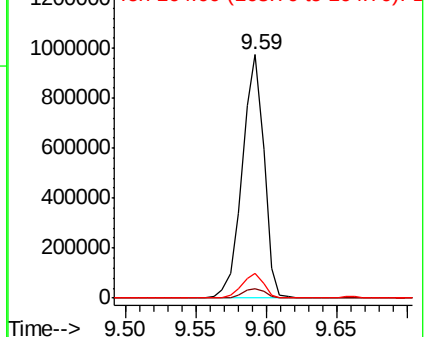
163 100

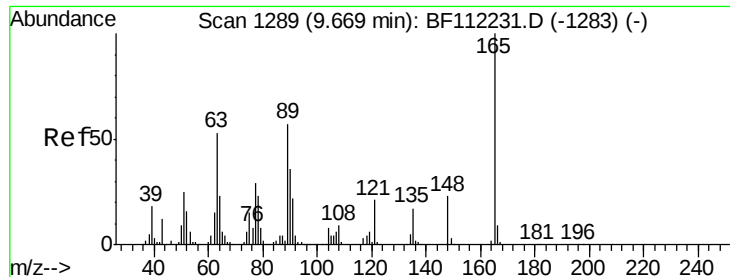
194 4.0 3.3 4.9

164 10.0 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

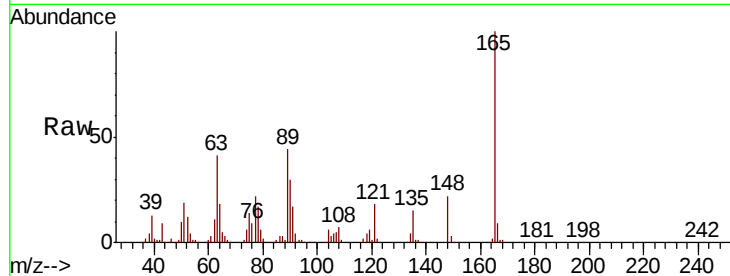




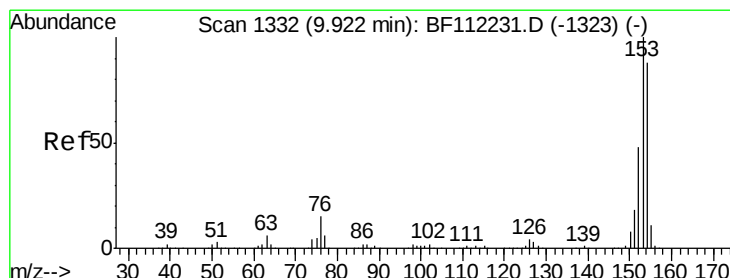
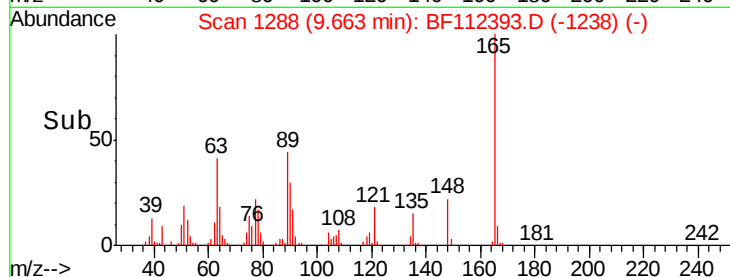
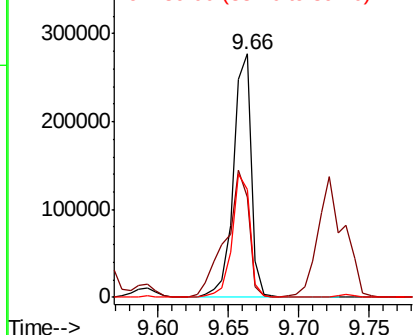
#51
2,6-Dinitrotoluene
Concen: 39.729 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 243345
Ion Ratio Lower Upper
165 100
63 41.0 33.8 50.8
89 44.1 36.9 55.3

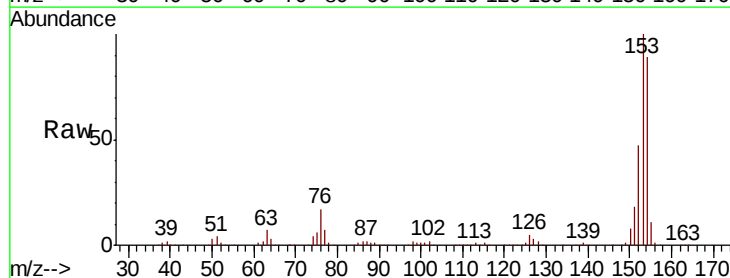


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

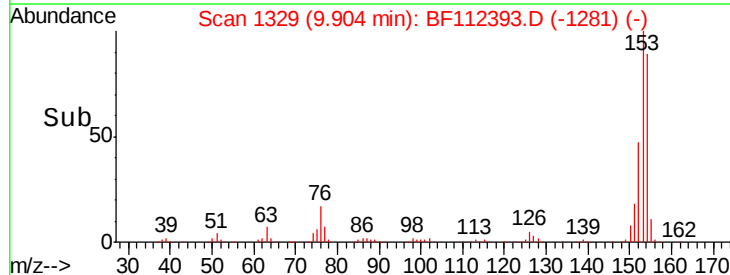
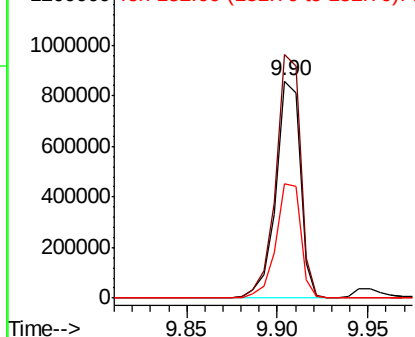


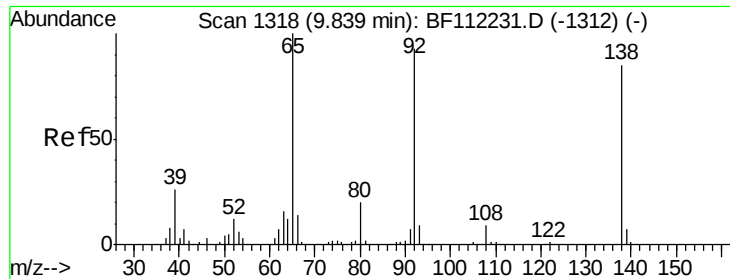
#52
Acenaphthene
Concen: 38.553 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:154 Resp: 805553
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.6
152 52.6 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

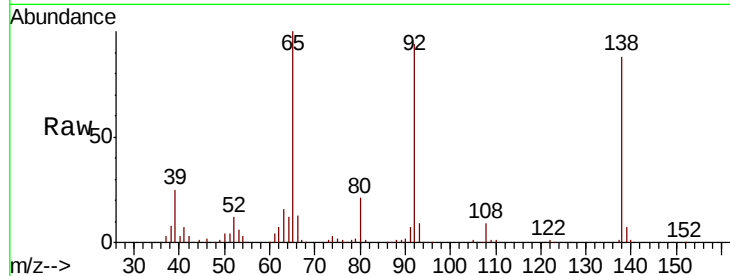




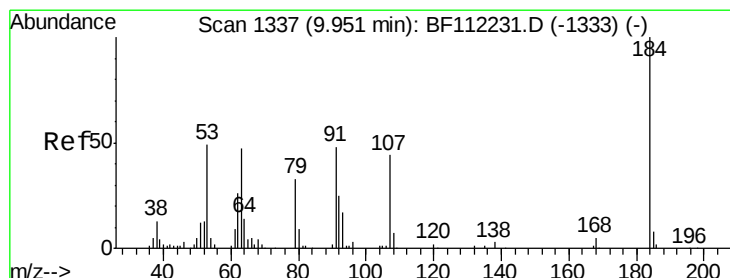
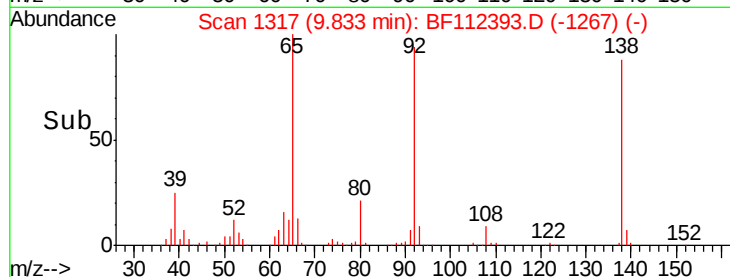
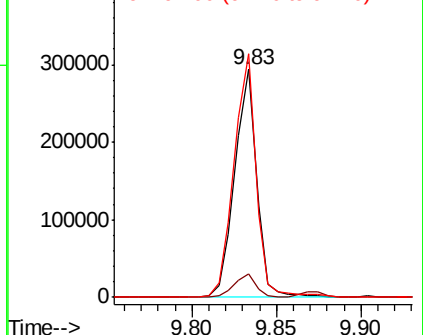
#53
3-Nitroaniline
Concen: 40.217 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 266875
Ion Ratio Lower Upper
138 100
108 10.0 9.8 14.6
92 106.7 79.4 119.2

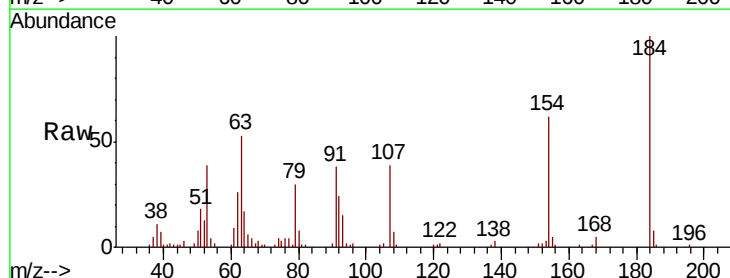


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

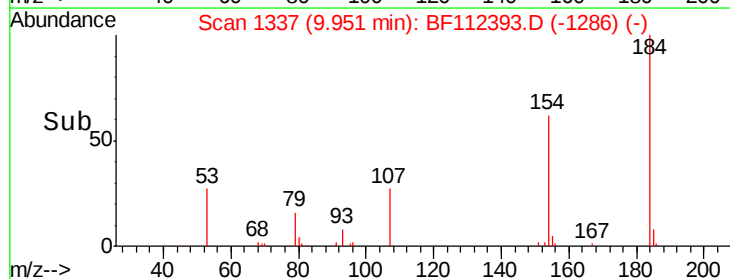
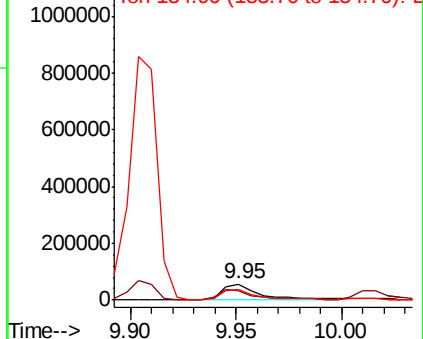


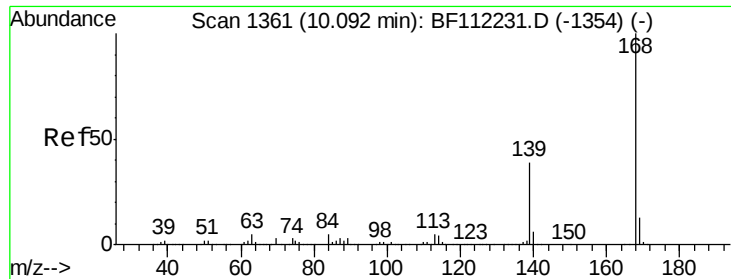
#54
2,4-Dinitrophenol
Concen: 35.948 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:184 Resp: 70663
Ion Ratio Lower Upper
184 100
63 53.3 47.1 70.7
154 62.0 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

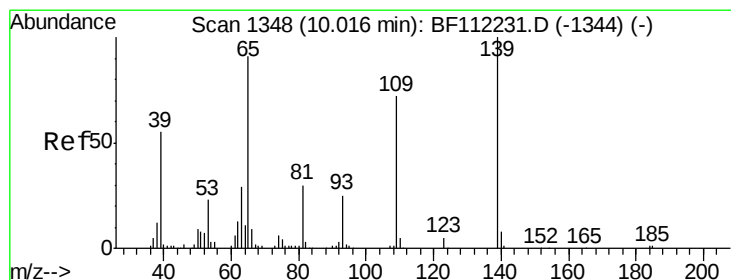
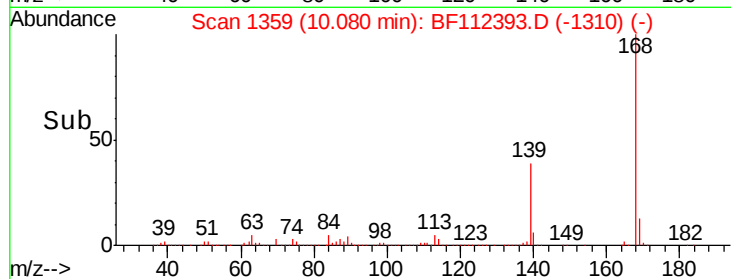
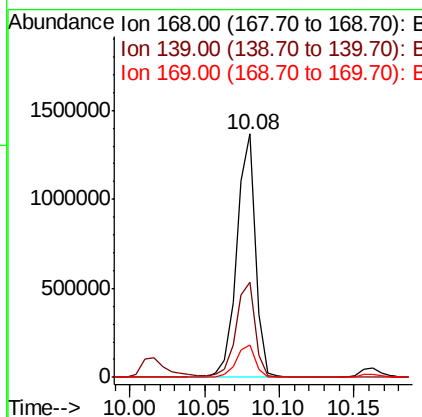
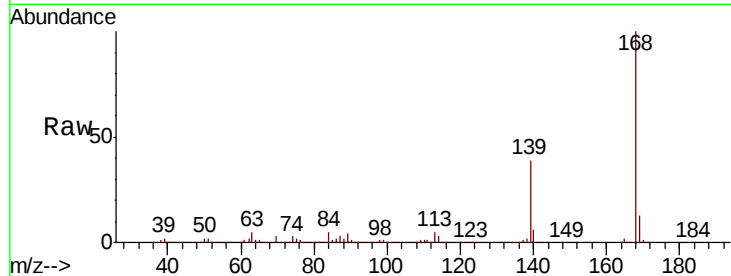




#55
Dibenzofuran
Concen: 37.897 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

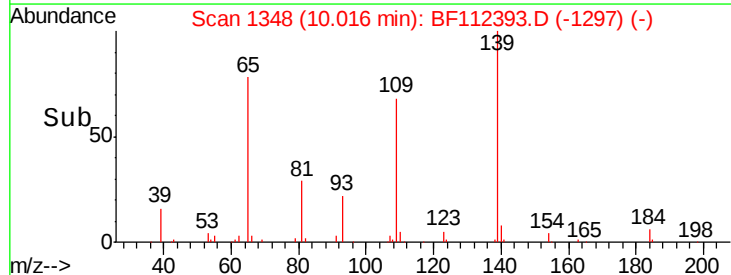
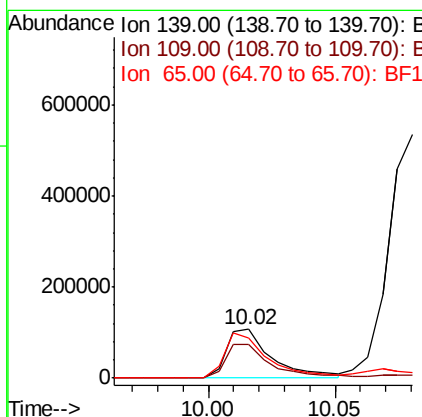
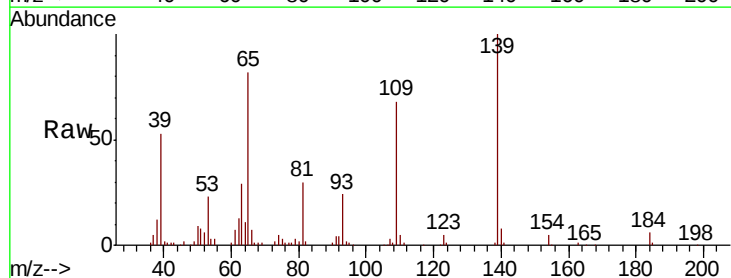
Instrument :
BNA_F
ClientSampleId :

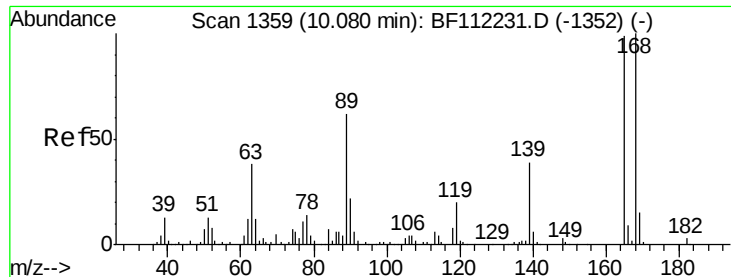
Tot Ion:168 Resp: 1210057
Ion Ratio Lower Upper
168 100
139 39.1 29.2 43.8
169 13.3 11.4 17.0



#56
4-Nitrophenol
Concen: 38.353 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:139 Resp: 134554
Ion Ratio Lower Upper
139 100
109 68.3 42.8 82.8
65 81.7 66.1 106.1

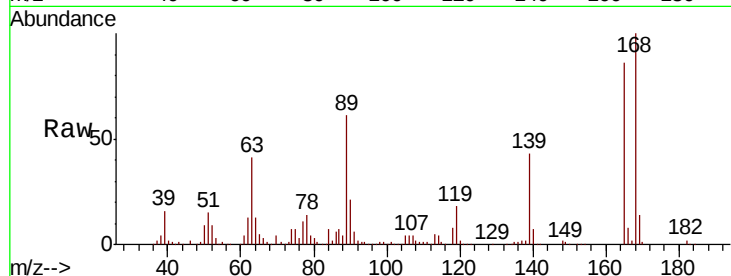




#57
2,4-Dinitrotoluene
Concen: 39.855 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	27.9	41.9#
89	71.3	47.9	71.9
182	2.6	2.2	3.4



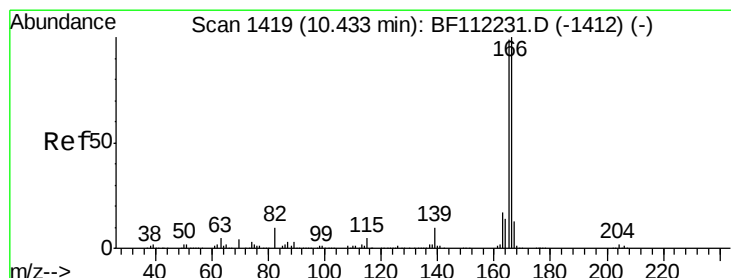
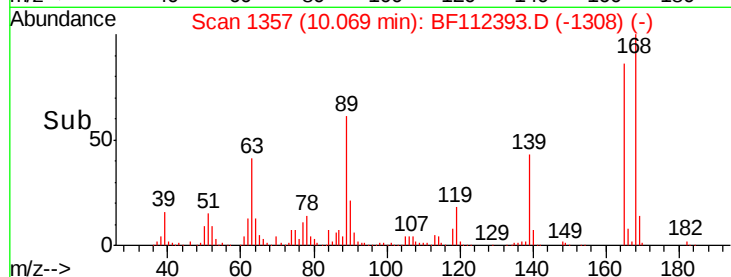
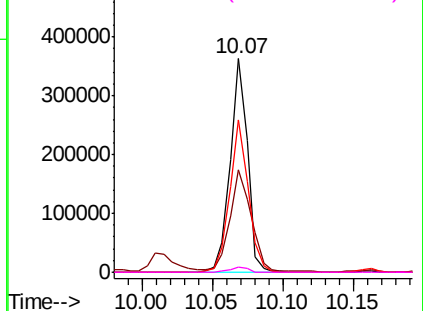
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

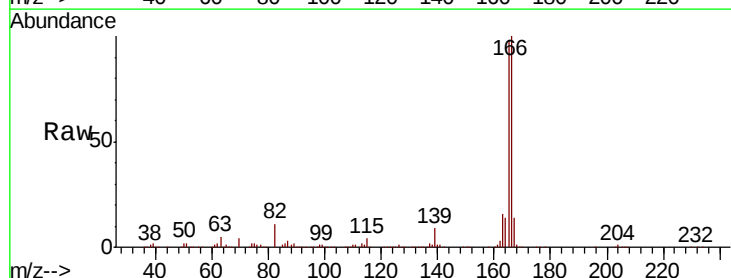
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.156 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.1	115.7
167	13.6	11.3	16.9

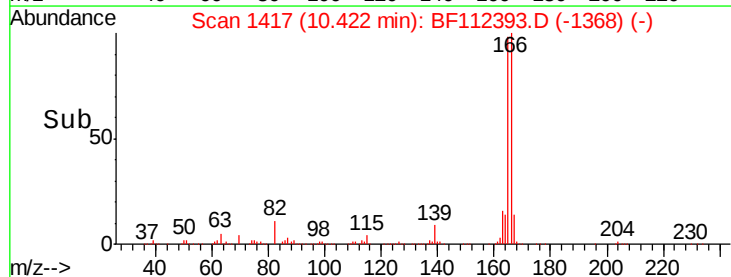
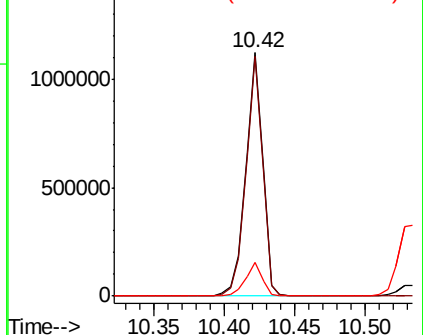


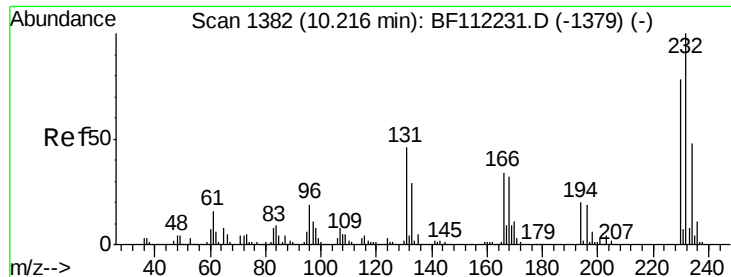
Abundance

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

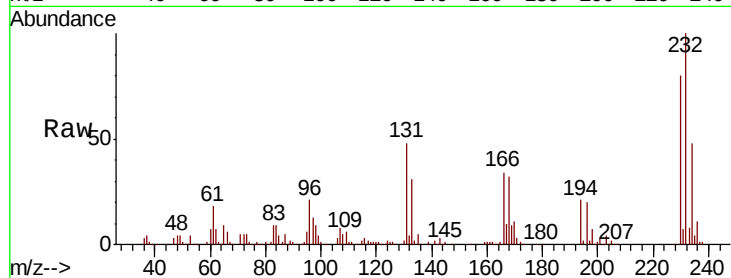




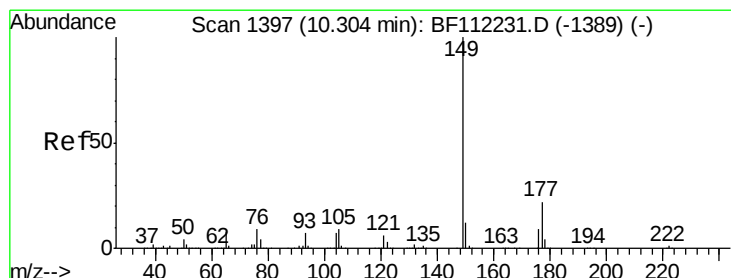
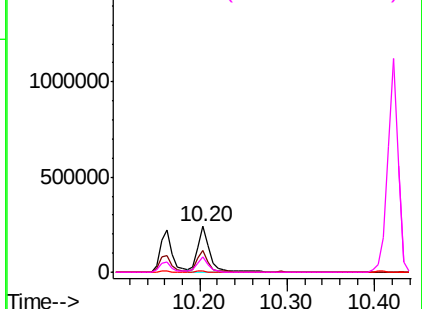
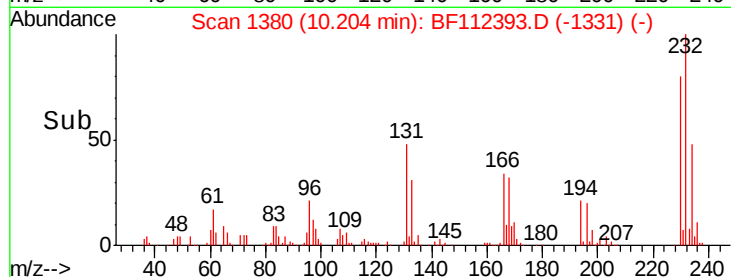
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.963 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	33.9	50.9
130	2.6	1.8	2.6
166	30.5	23.6	35.4

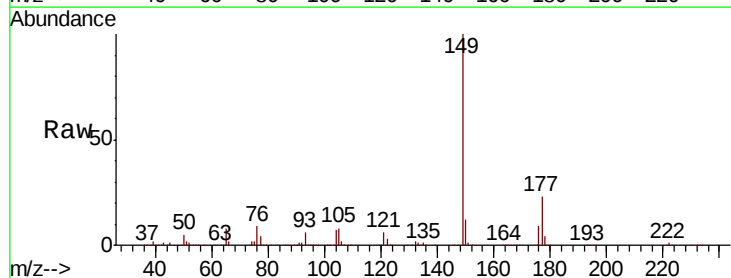


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

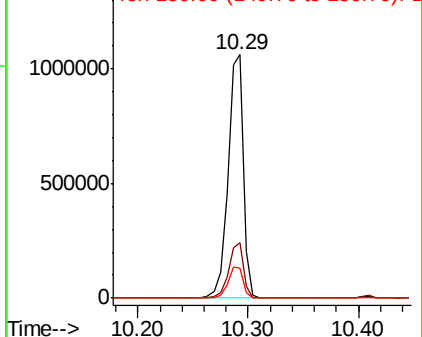
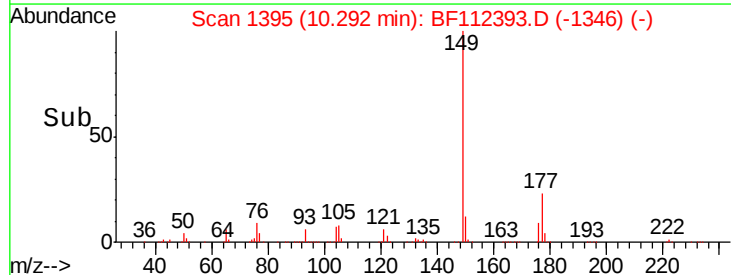


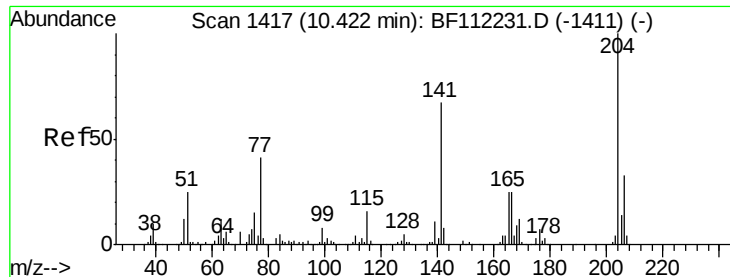
#60
Diethylphthalate
Concen: 37.943 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt 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

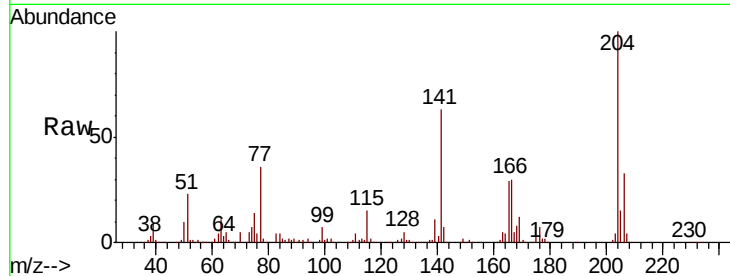




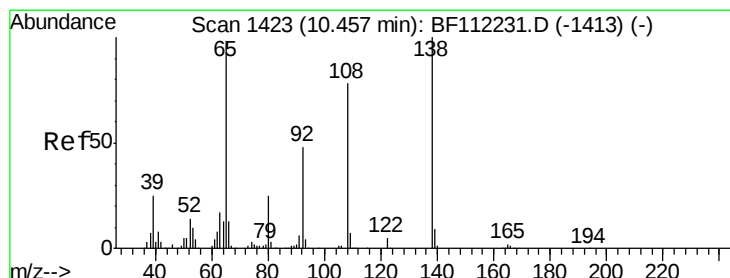
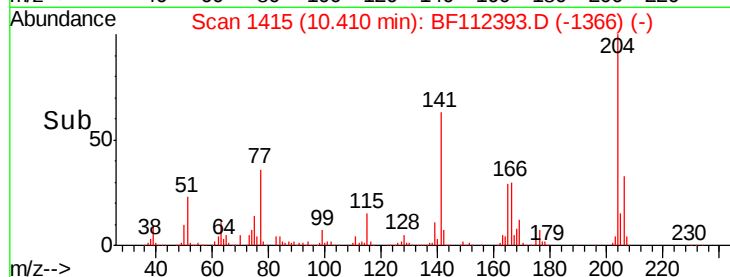
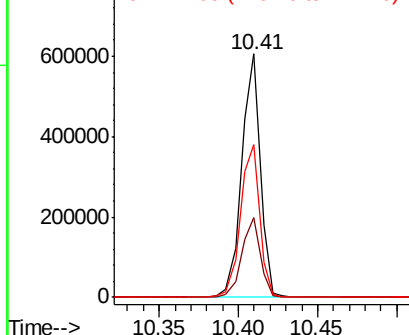
#61
4-Chlorophenyl-phenylether
Concen: 37.928 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 492985
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 62.7 45.9 68.9

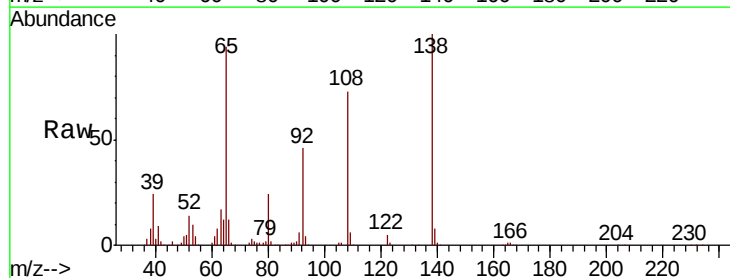


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

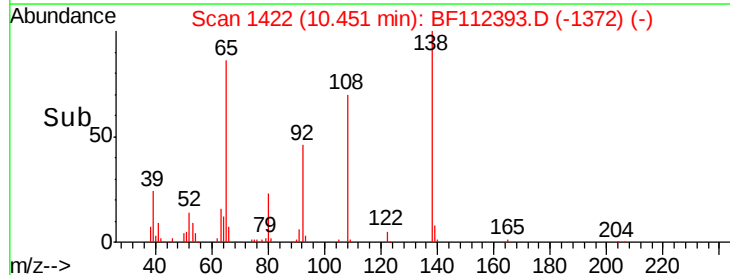
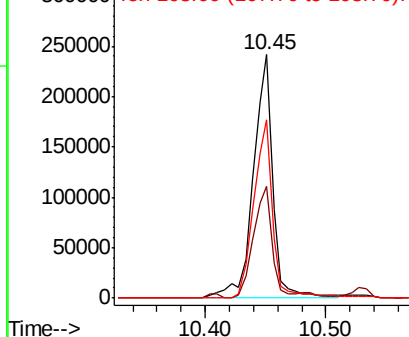


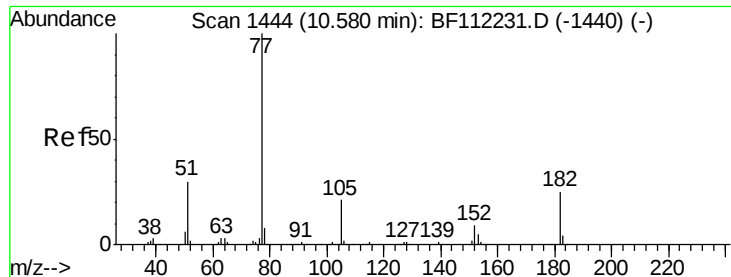
#62
4-Nitroaniline
Concen: 41.983 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:138 Resp: 273261
Ion Ratio Lower Upper
138 100
92 45.9 30.6 70.6
108 73.4 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

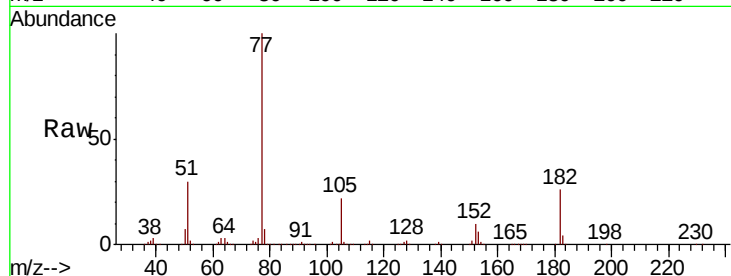




#63
Azobenzene
Concen: 38.965 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.7	5.7	45.7
105	21.9	1.4	41.4
51	30.1	9.5	49.5



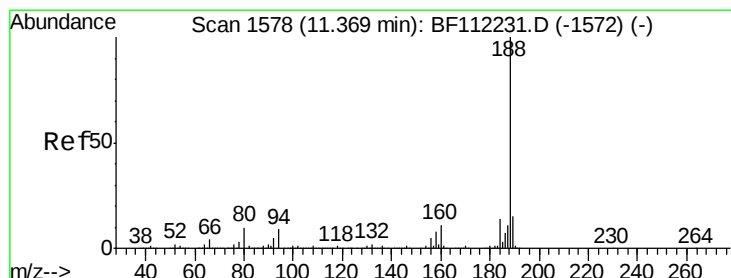
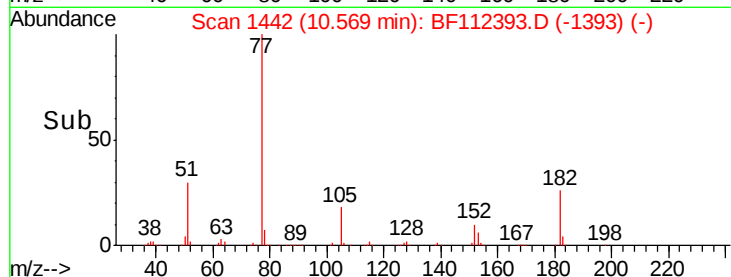
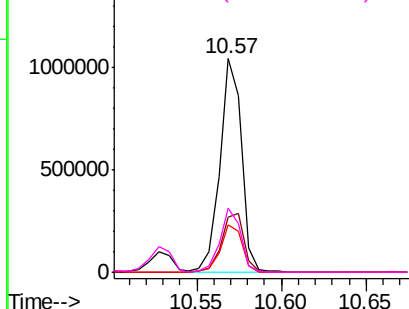
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

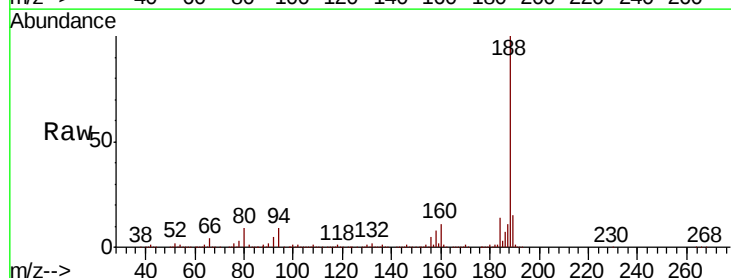
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.5	8.9	13.3

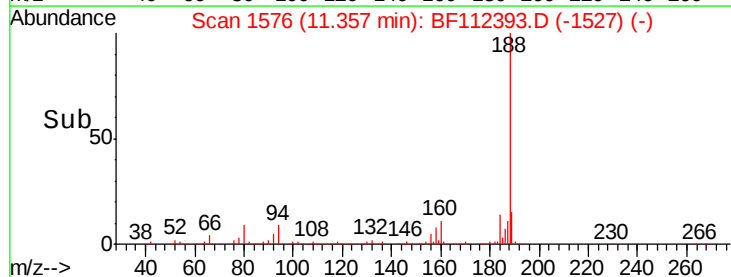
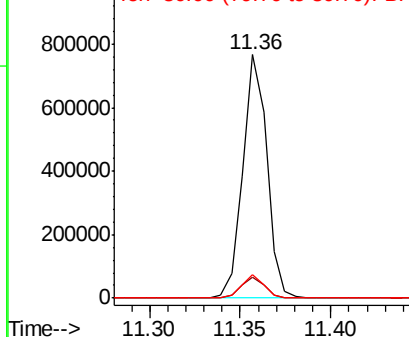


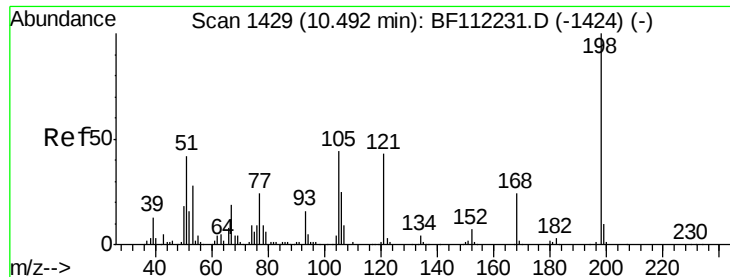
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

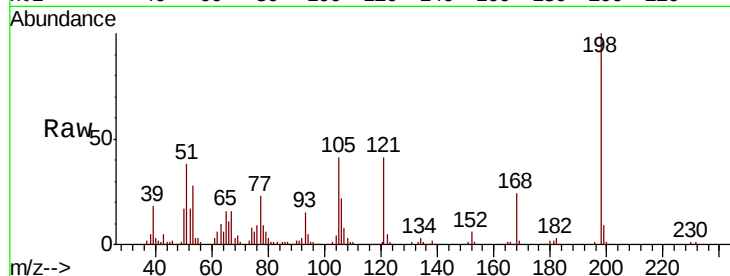




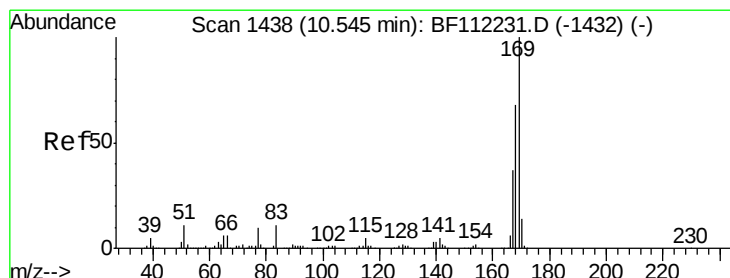
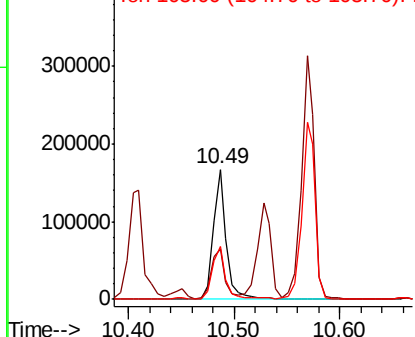
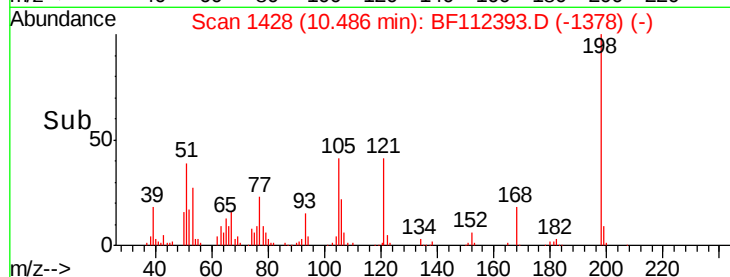
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.073 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 147273
 Ion Ratio Lower Upper
 198 100
 51 38.3 17.2 57.2
 105 40.6 21.9 61.9

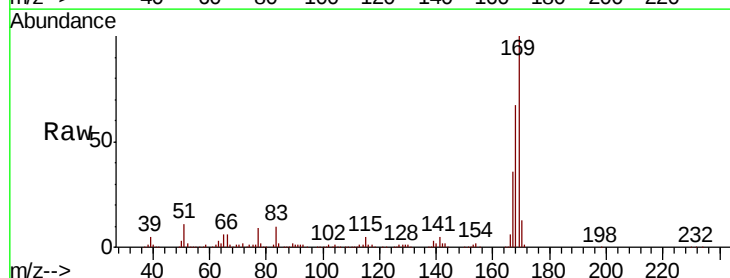


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

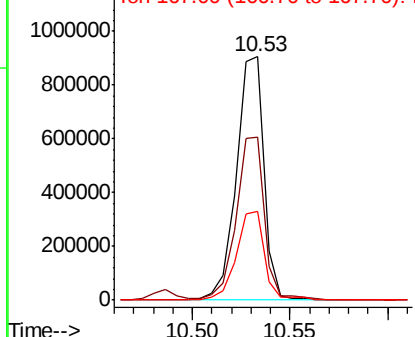
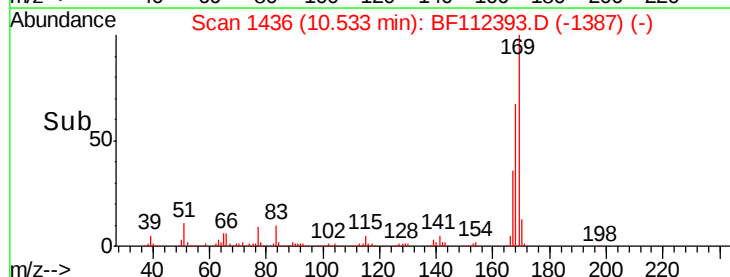


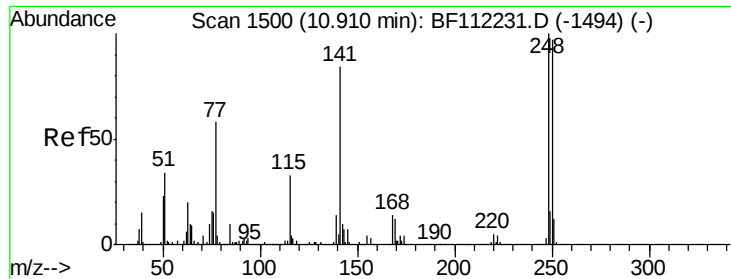
#66
 n-Nitrosodiphenylamine
 Concen: 37.095 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion:169 Resp: 885811
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.9 80.9
 167 36.2 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

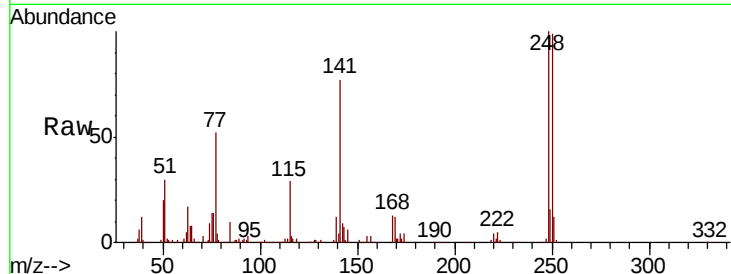




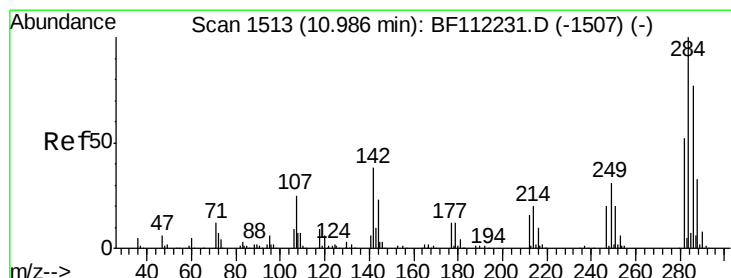
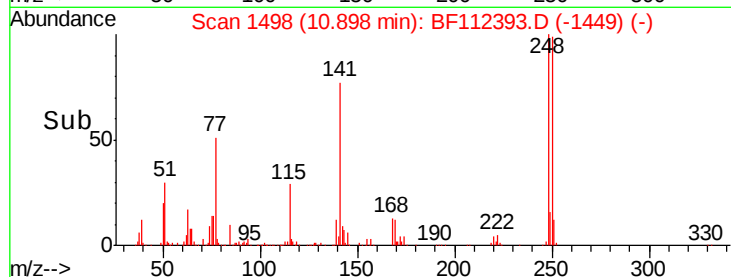
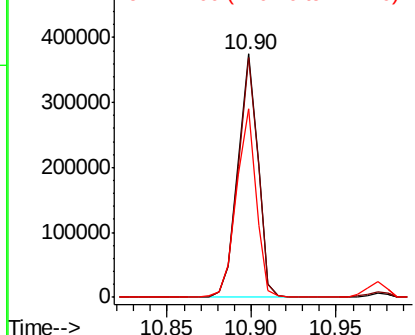
#67
4-Bromophenyl-phenylether
Concen: 37.114 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 309283
Ion Ratio Lower Upper
248 100
250 98.6 79.7 119.5
141 77.4 60.3 90.5

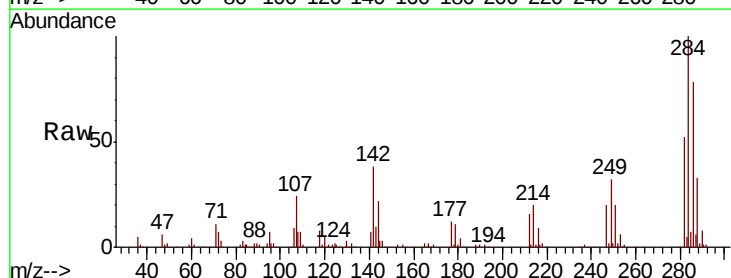


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

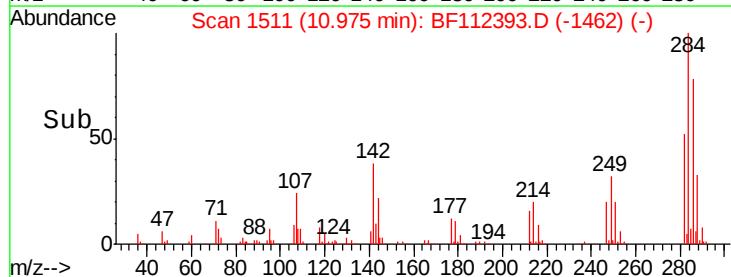
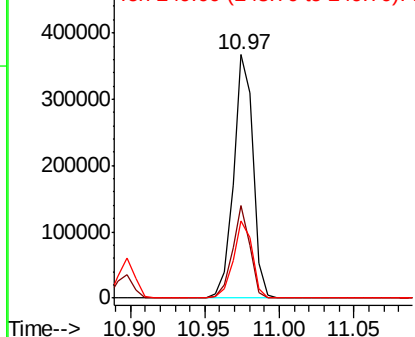


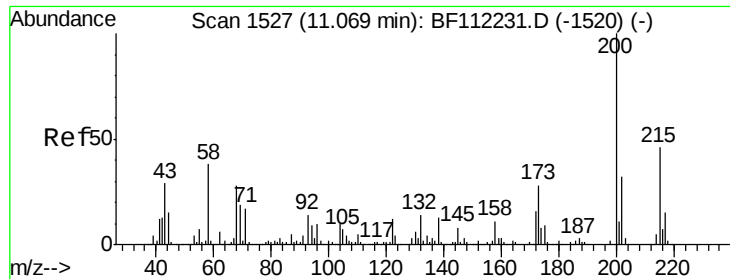
#68
Hexachlorobenzene
Concen: 37.758 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:284 Resp: 337581
Ion Ratio Lower Upper
284 100
142 37.9 27.6 41.4
249 31.5 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: 34.833 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampleId :

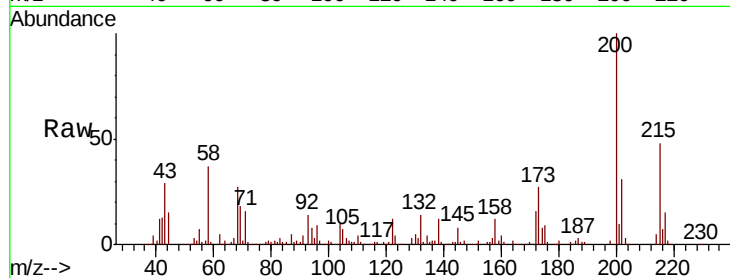
Tot Ion:200 Resp: 268397

Ion Ratio Lower Upper

200 100

173 27.4 7.1 47.1

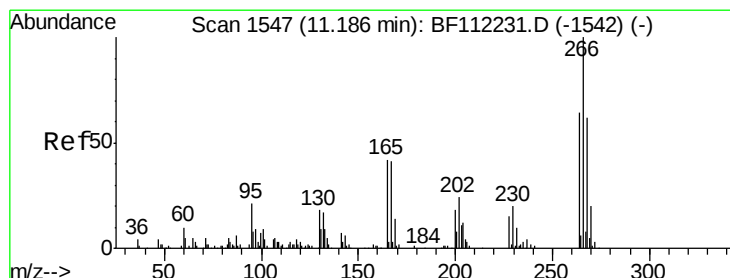
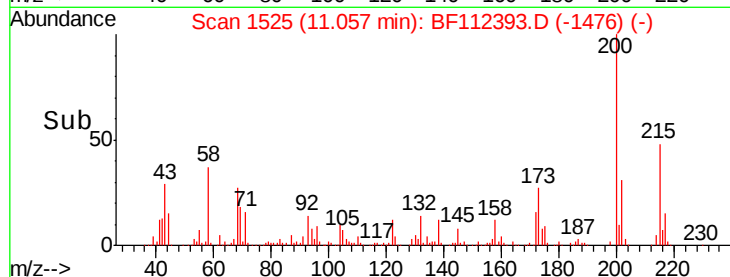
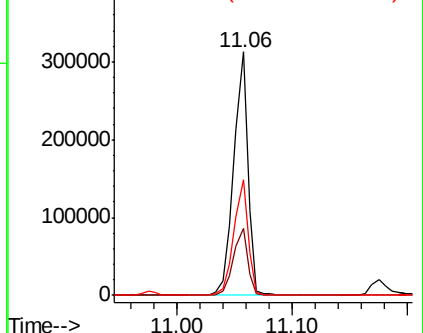
215 47.6 30.4 70.4



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: 37.349 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

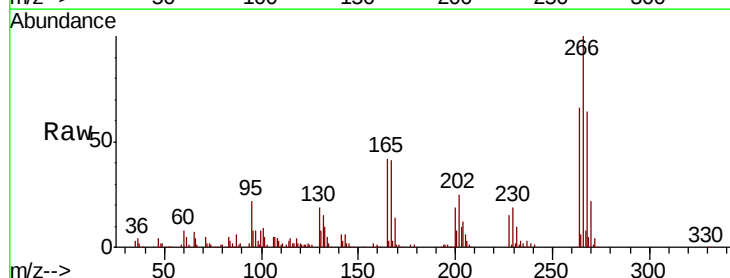
Tgt Ion:266 Resp: 129933

Ion Ratio Lower Upper

266 100

268 63.9 51.2 76.8

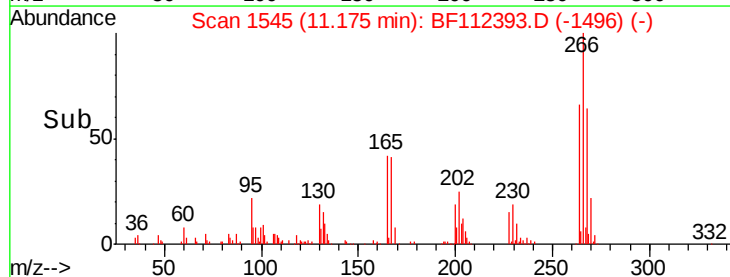
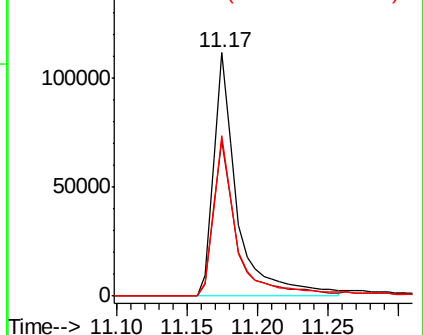
264 65.9 50.9 76.3

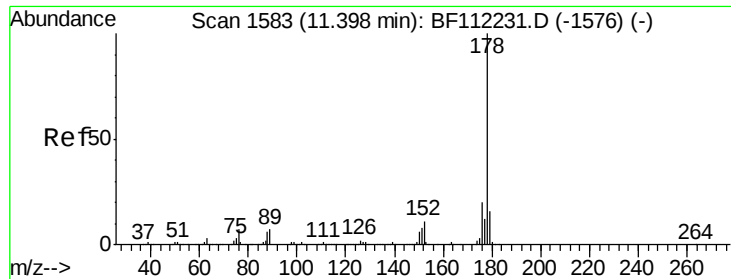


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

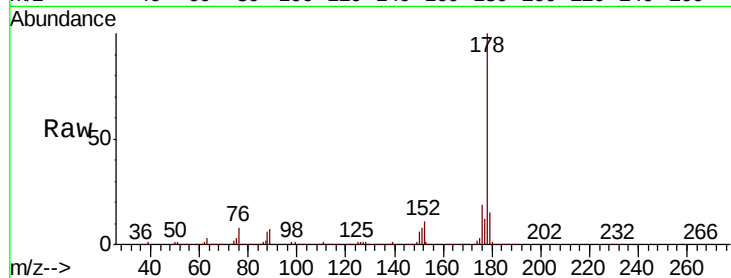




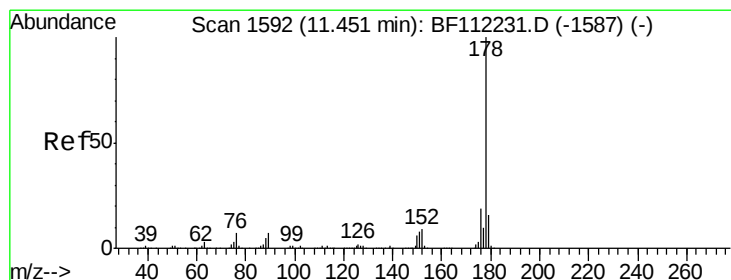
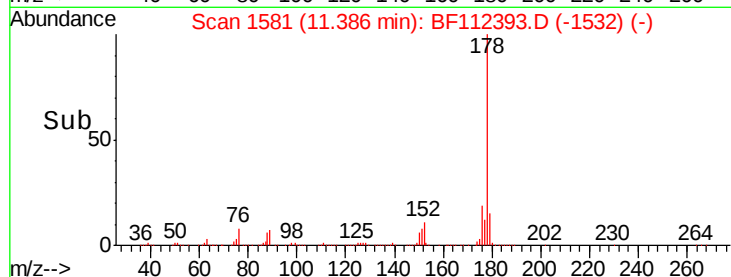
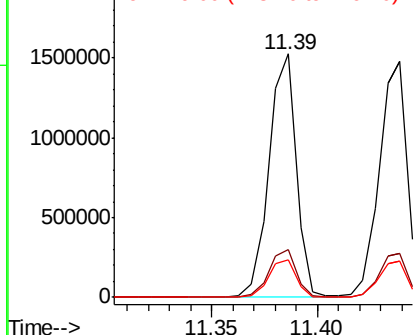
#71
Phenanthrene
Concen: 37.387 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1377156
Ion Ratio Lower Upper
178 100
176 19.4 16.3 24.5
179 15.3 13.0 19.4

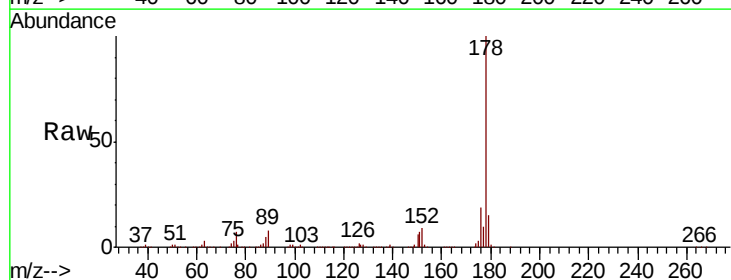


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

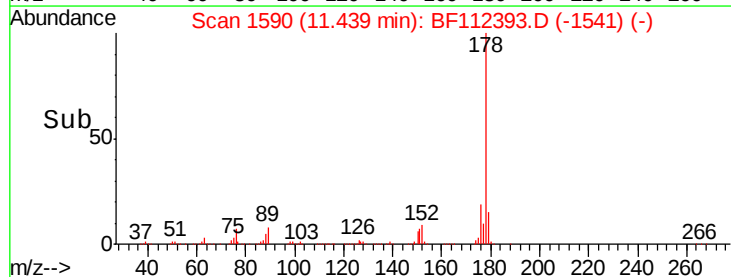
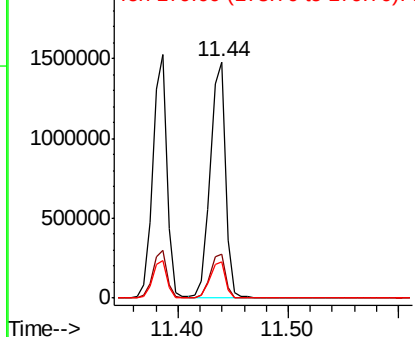


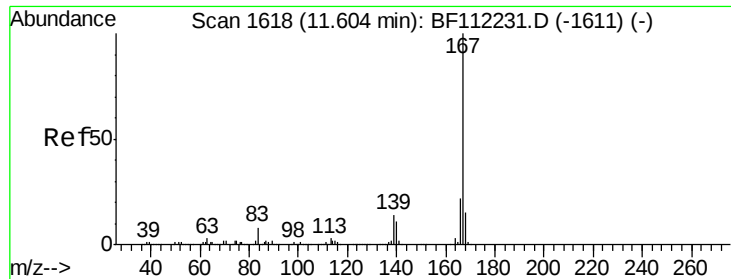
#72
Anthracene
Concen: 37.922 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:178 Resp: 1391483
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.5 12.8 19.2



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

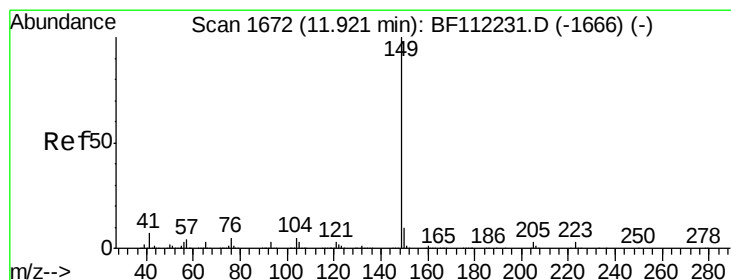
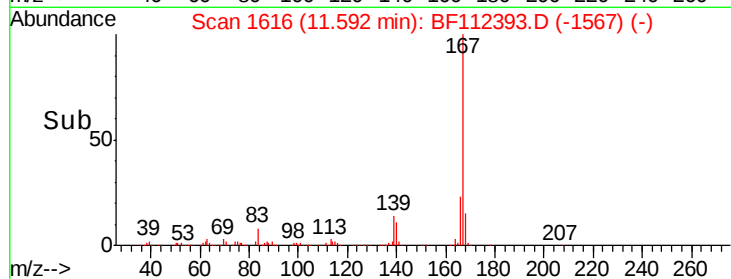
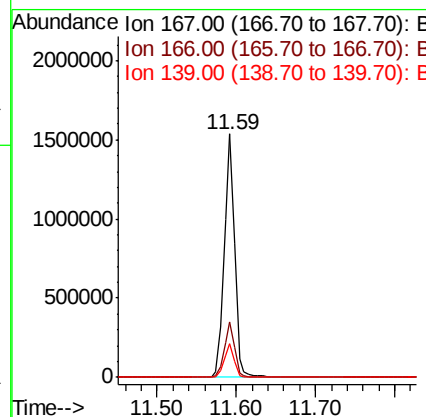
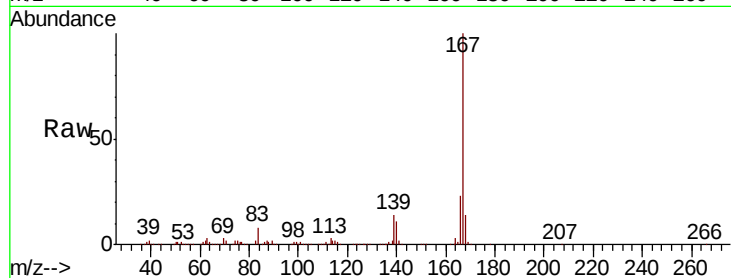




#73
 Carbazole
 Concen: 38.761 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

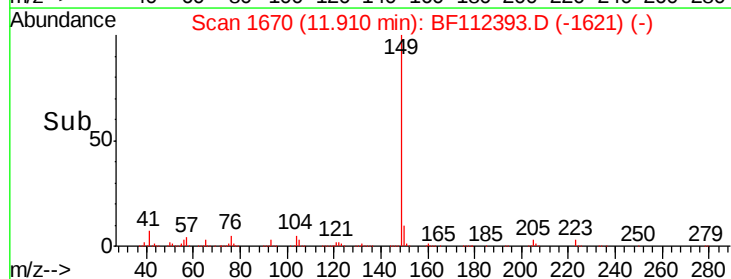
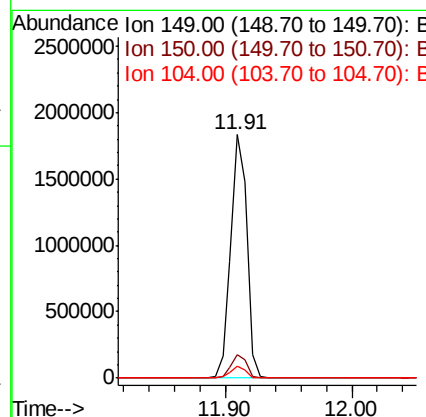
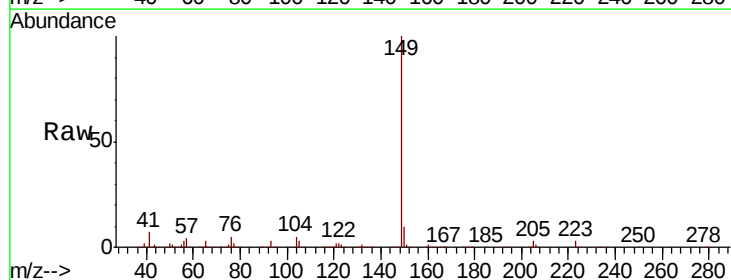
Instrument :
 BNA_F
 ClientSampleId :

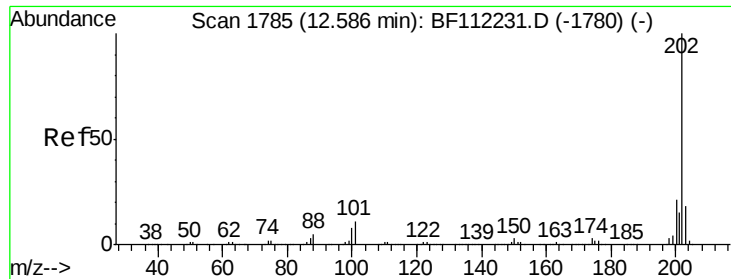
Tot Ion:167 Resp: 1402950
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.9 26.9
 139 13.9 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 35.883 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion:149 Resp: 1612099
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.1 12.1
 104 5.2 3.9 5.9

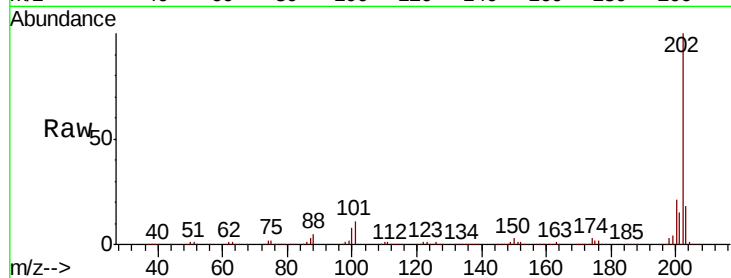




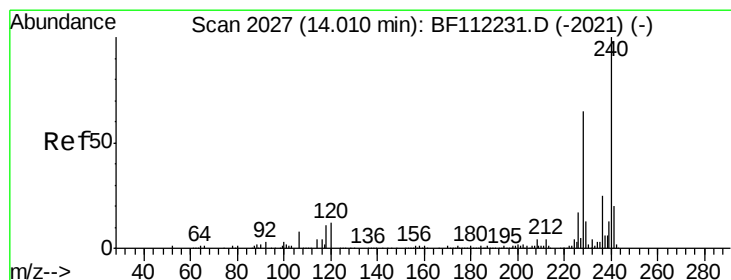
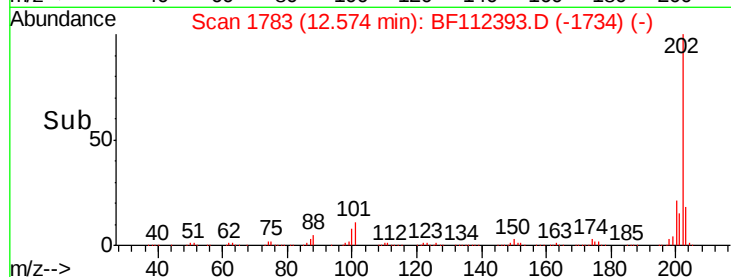
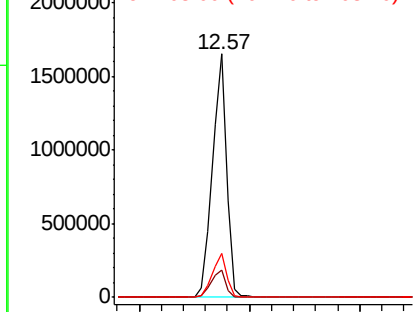
#75
Fluoranthene
Concen: 36.554 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1444166
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.8
203 17.8 0.0 38.4

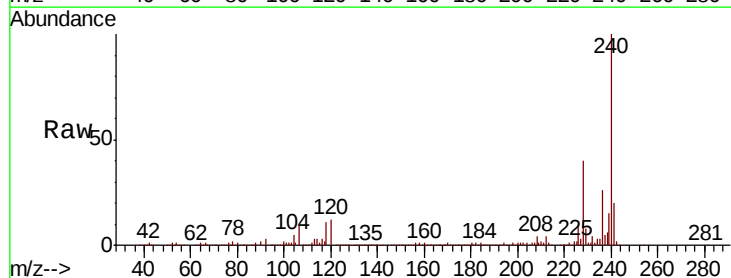


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

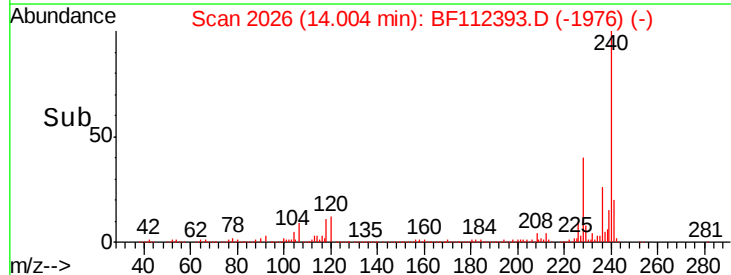
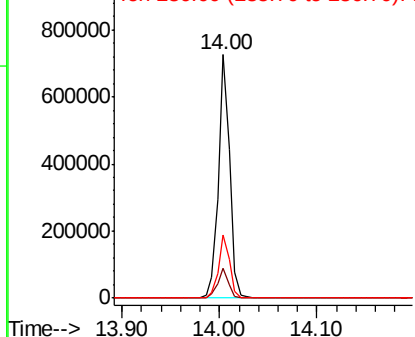


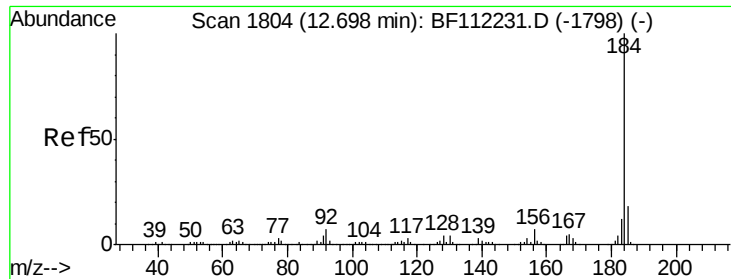
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:240 Resp: 577210
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.6
236 26.2 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

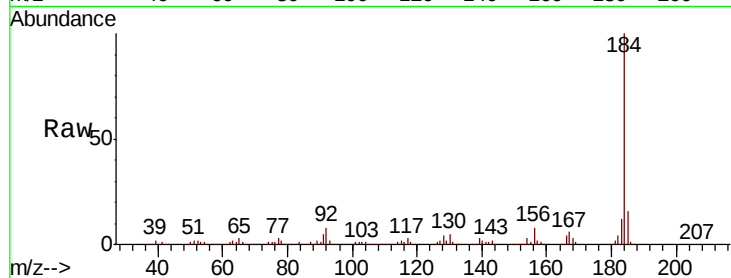




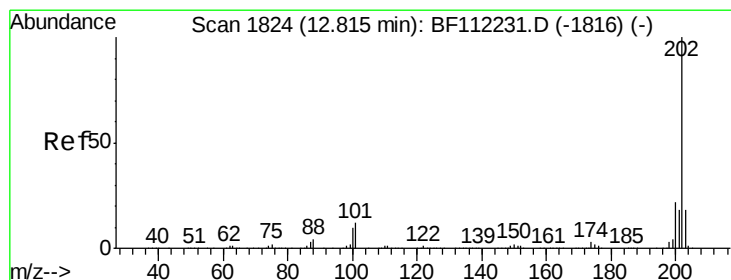
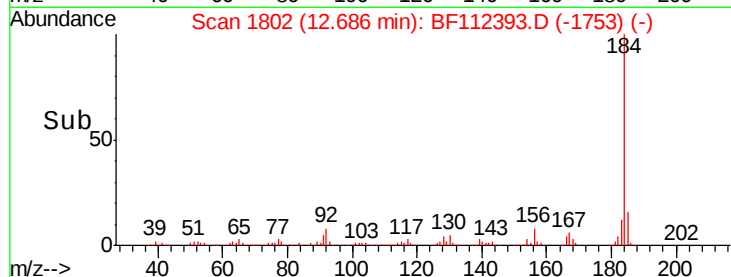
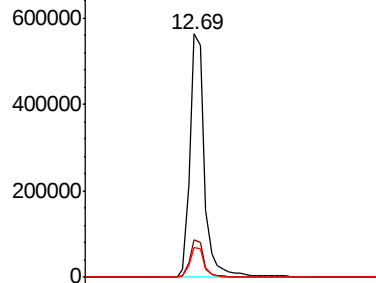
#77
Benzidine
Concen: 37.033 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 588335
Ion Ratio Lower Upper
184 100
185 15.6 13.9 20.9
183 12.4 10.0 15.0

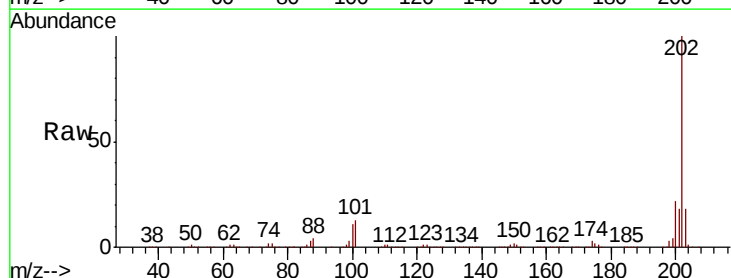


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

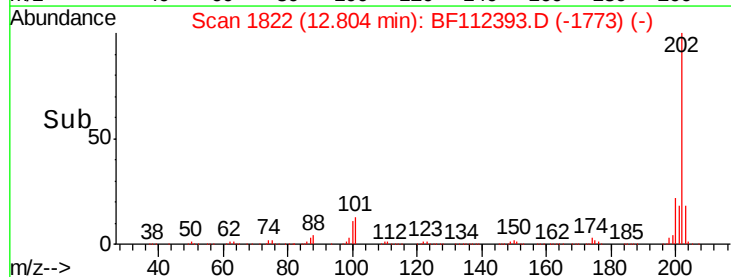
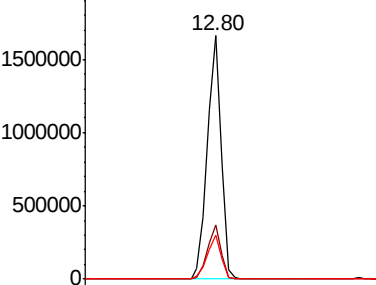


#78
Pyrene
Concen: 37.016 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:202 Resp: 1479242
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 18.3 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

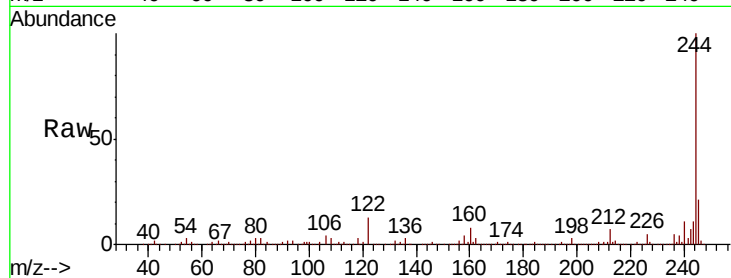




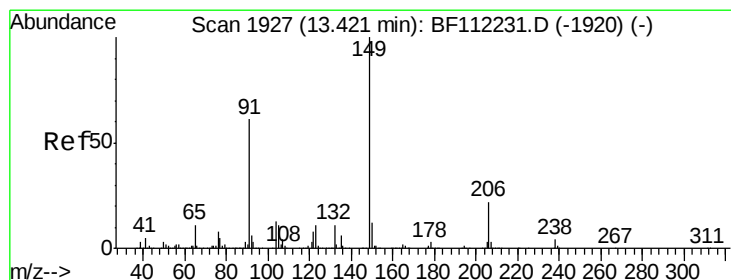
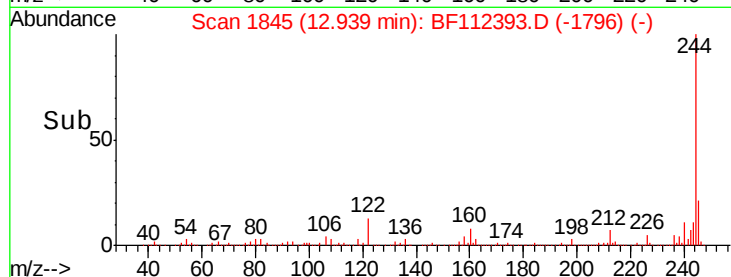
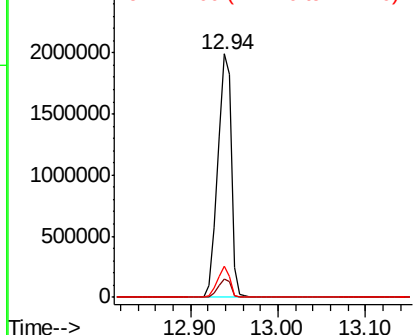
#79
 Terphenyl-d14
 Concen: 70.414 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2157935
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.6 9.8 14.6

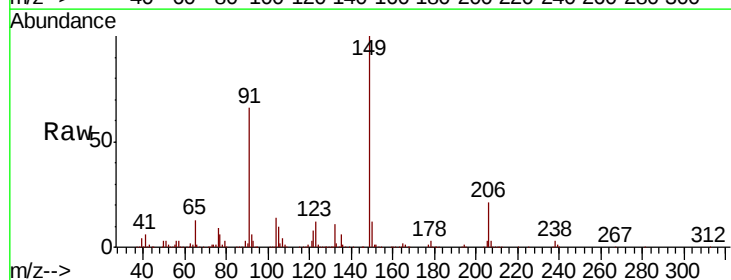


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

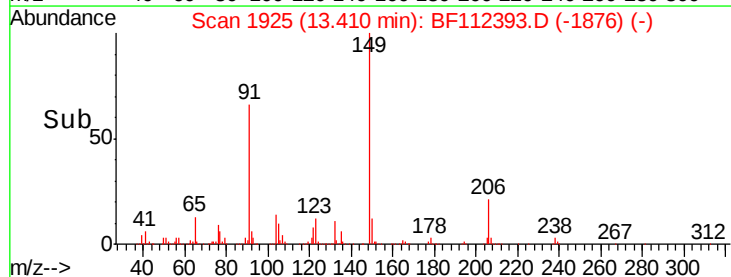
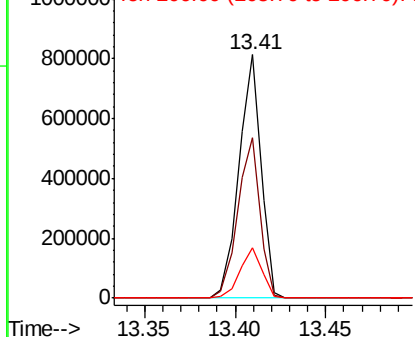


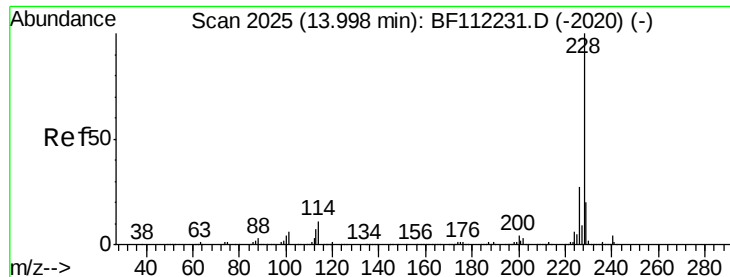
#80
 Butylbenzylphthalate
 Concen: 35.558 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion:149 Resp: 687511
 Ion Ratio Lower Upper
 149 100
 91 66.0 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: 37.876 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampleId :

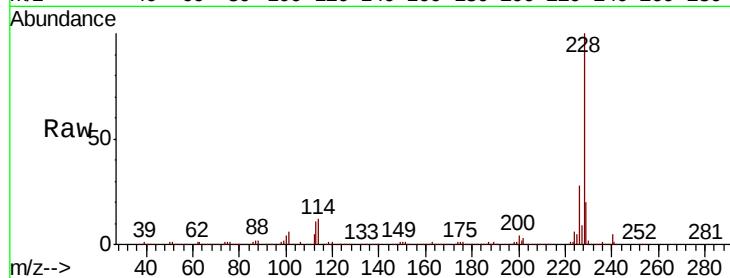
Tot Ion:228 Resp: 1285192

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

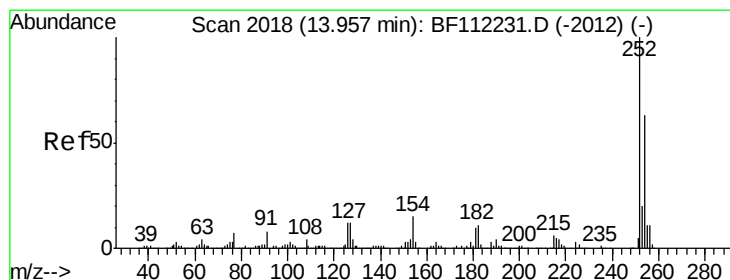
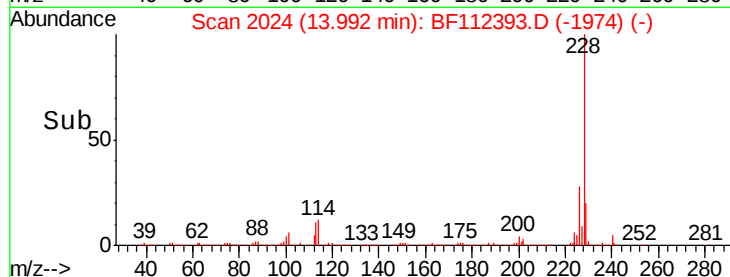
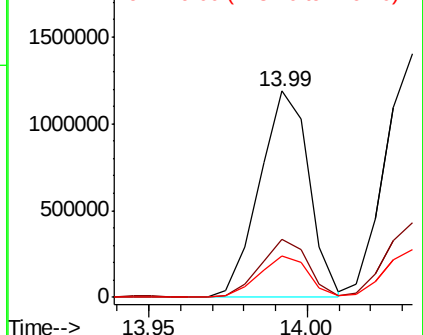
229 20.1 16.5 24.7



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: 39.043 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

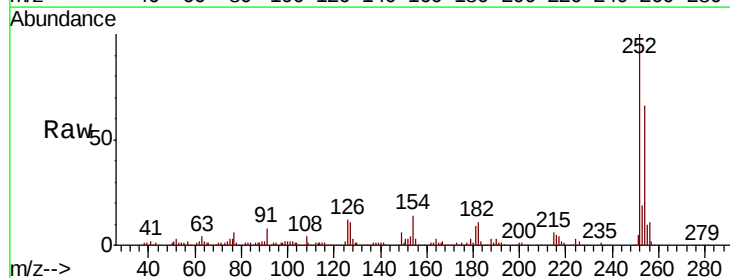
Tgt Ion:252 Resp: 495793

Ion Ratio Lower Upper

252 100

254 65.5 51.6 77.4

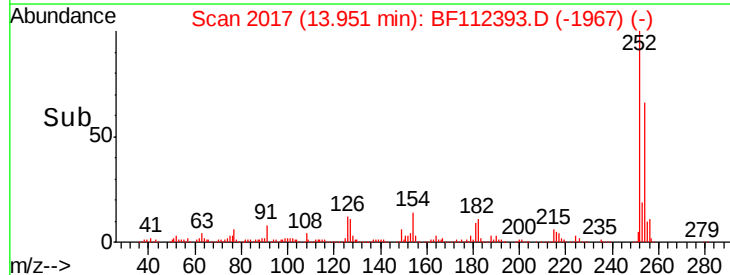
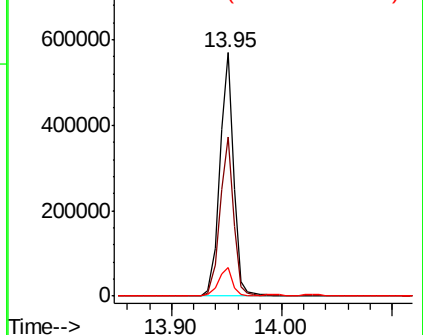
126 11.5 8.6 12.8



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

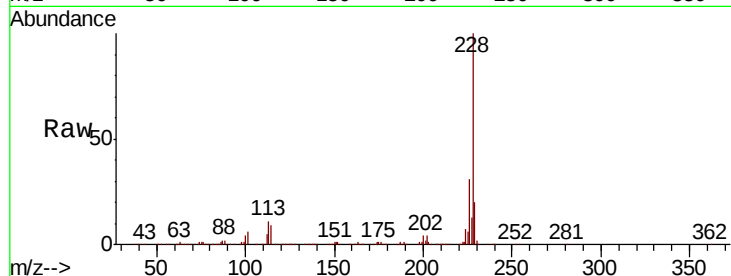




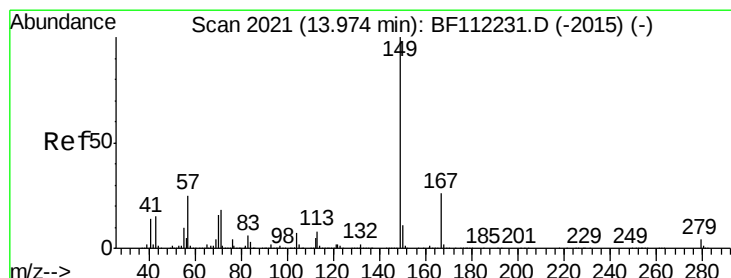
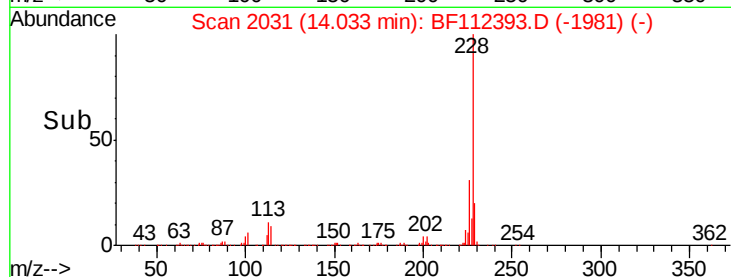
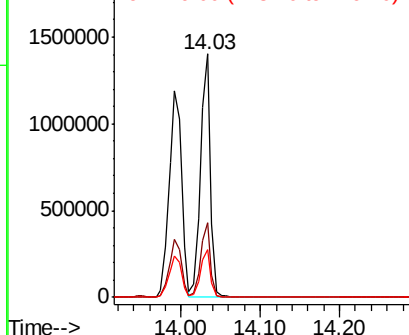
#83
 Chrvsene
 Concen: 38.431 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1244763
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.7 16.6 24.8

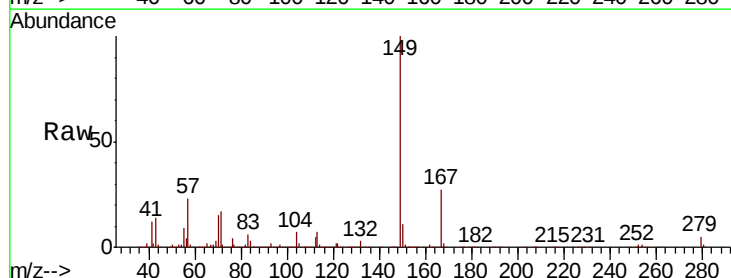


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

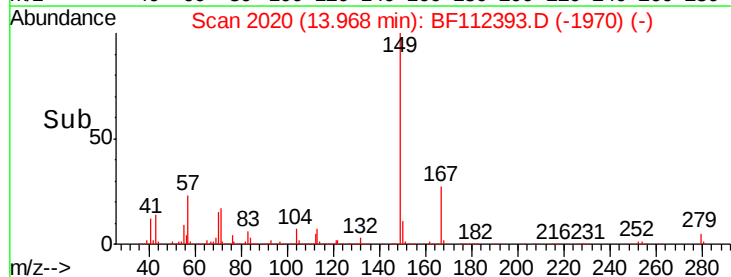
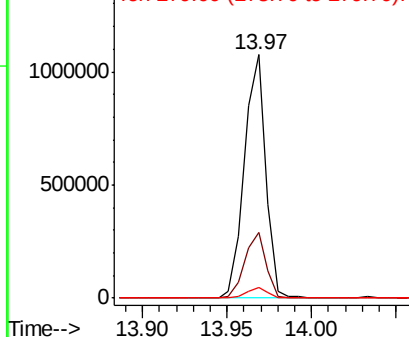


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.695 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion:149 Resp: 952222
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.5 33.7
 279 4.5 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

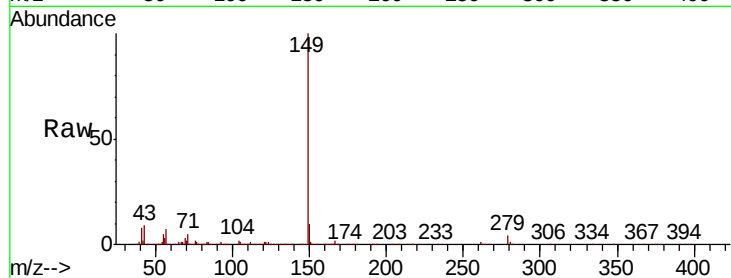




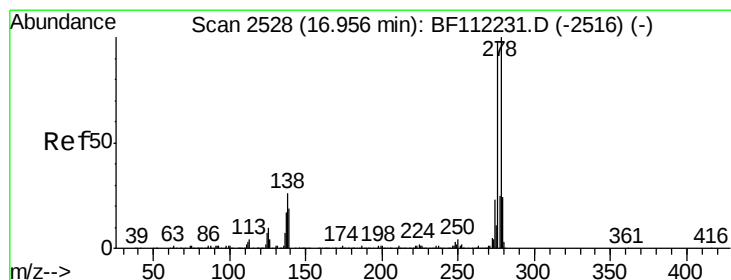
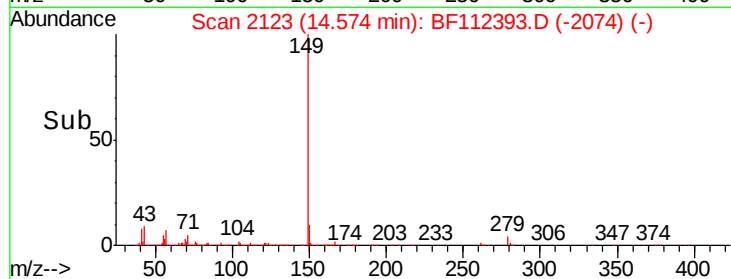
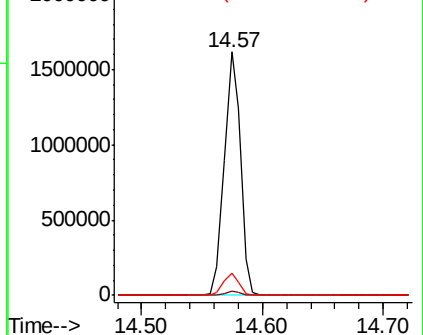
#85
Di-n-octyl phthalate
Concen: 35.411 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1495245
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.8 11.6

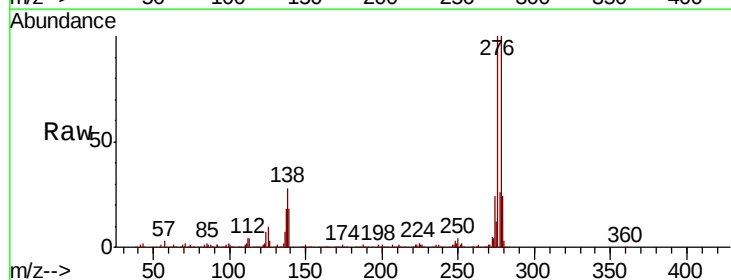


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

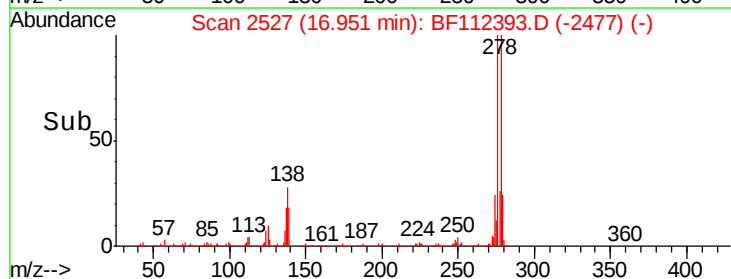
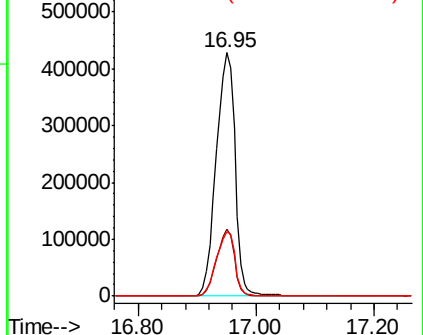


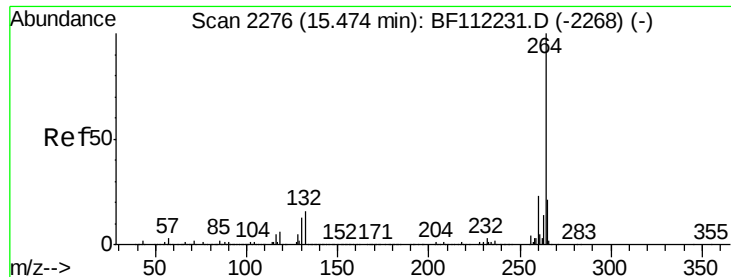
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.188 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:276 Resp: 954419
Ion Ratio Lower Upper
276 100
138 25.9 22.6 34.0
277 26.0 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: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampleId :

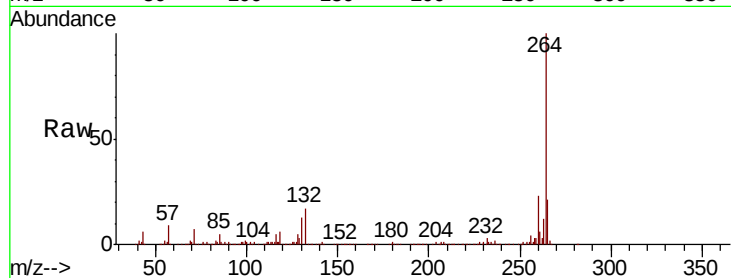
Tot Ion:264 Resp: 493326

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

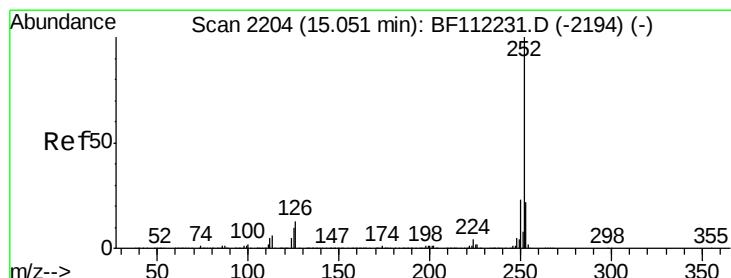
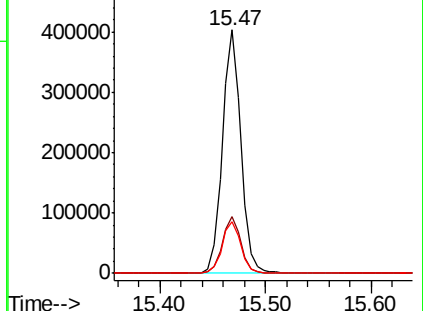
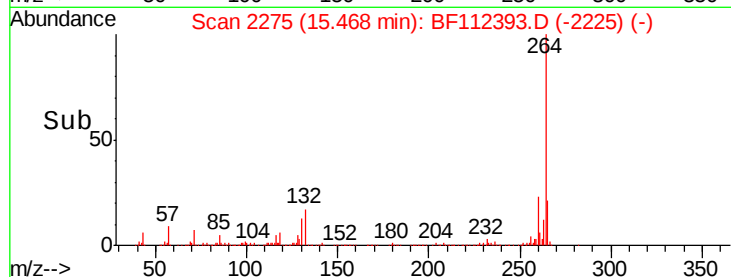
265 21.2 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.484 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

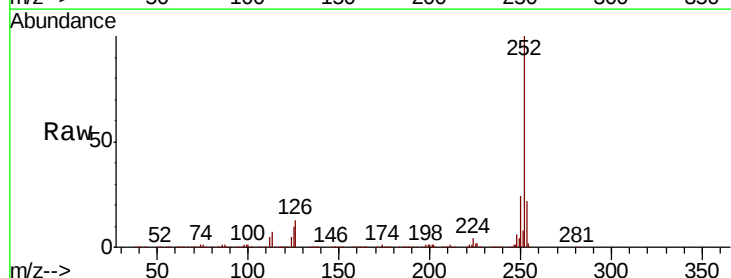
Tgt Ion:252 Resp: 1135394

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

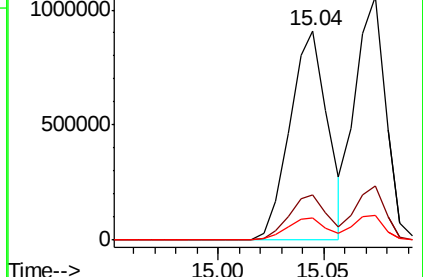
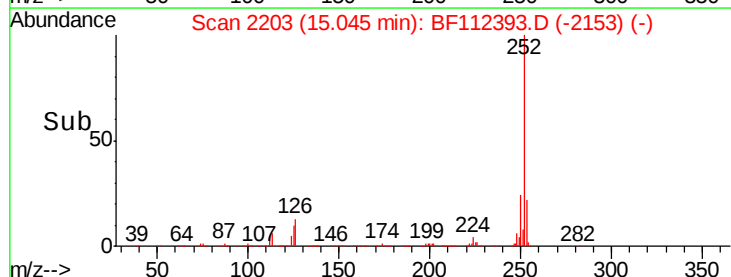
125 10.4 8.7 13.1

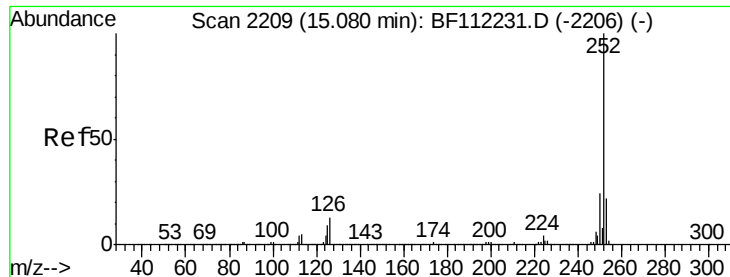


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

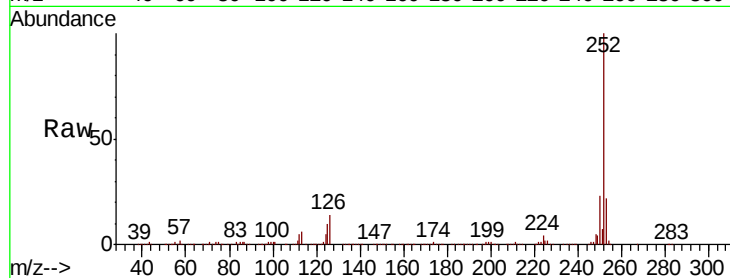




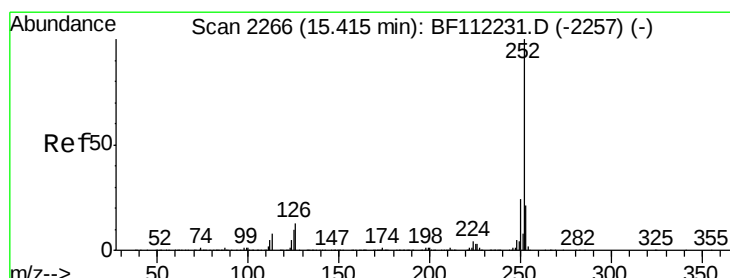
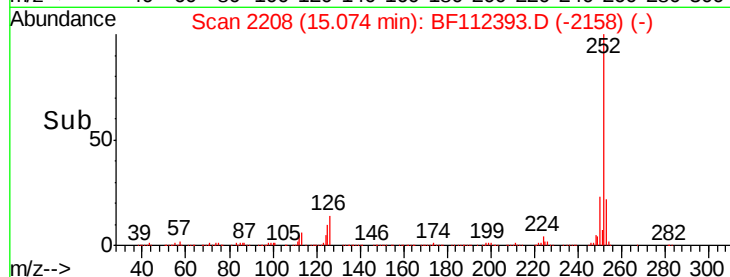
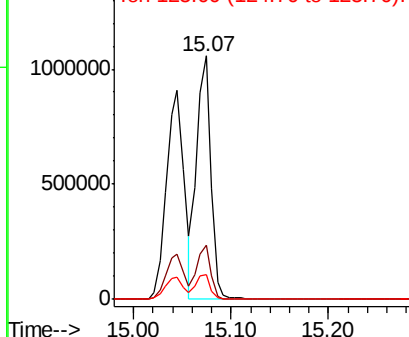
#89
Benzo(k)fluoranthene
Concen: 38.208 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1079761
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.0 9.1 13.7

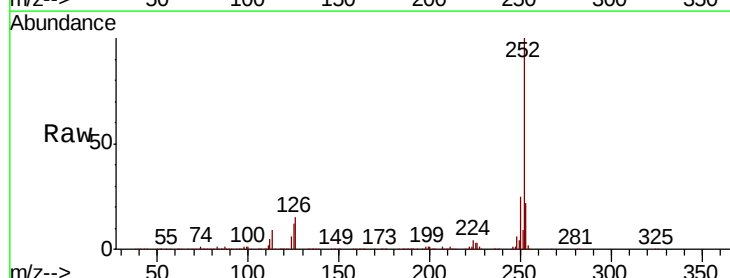


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

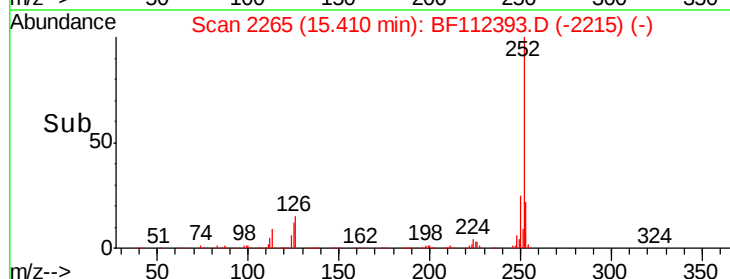
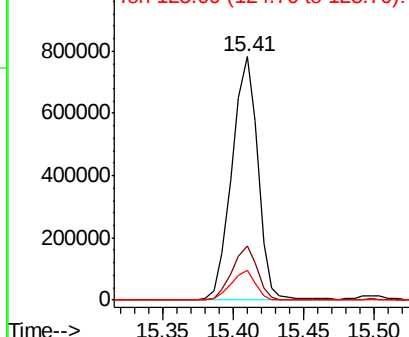


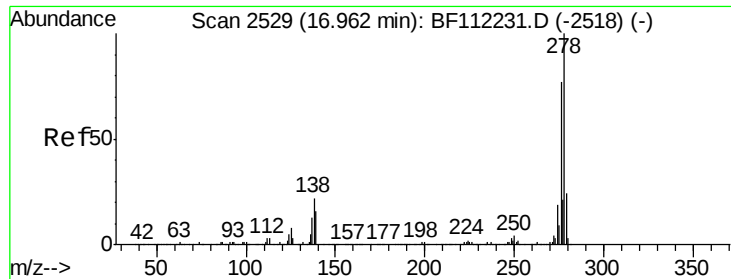
#90
Benzo(a)pyrene
Concen: 37.875 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:252 Resp: 1005462
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 12.1 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

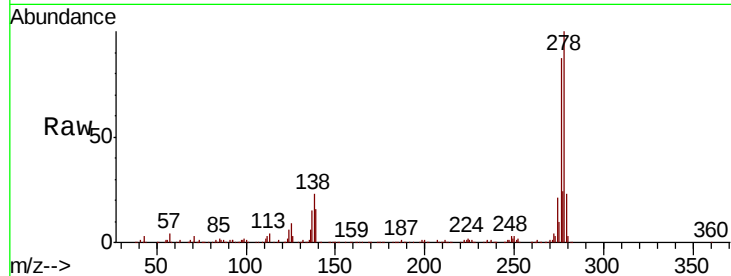




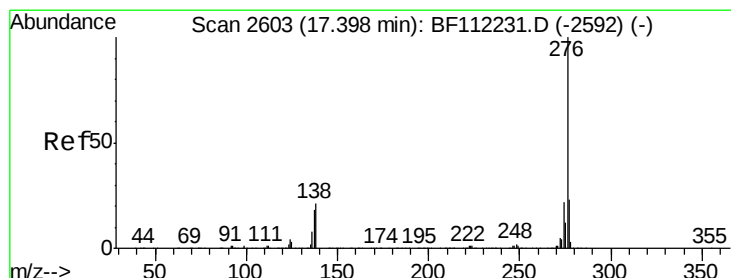
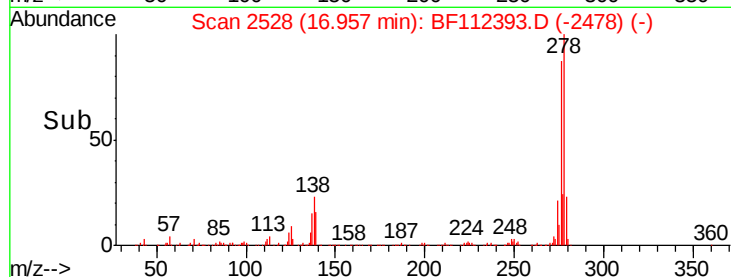
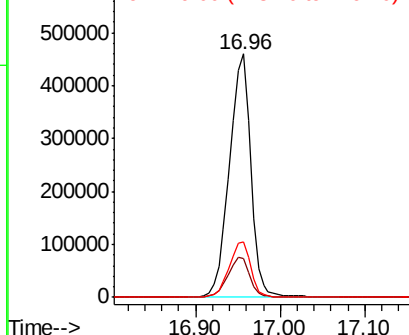
#91
Dibenzo(a,h)anthracene
Concen: 37.586 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 804161
Ion Ratio Lower Upper
278 100
139 16.1 13.7 20.5
279 22.6 19.0 28.6

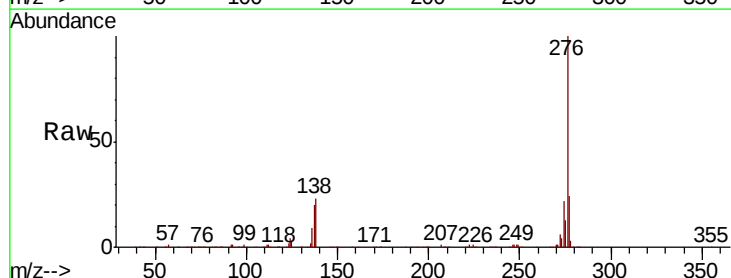


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.271 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:276 Resp: 772518
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 22.5 19.1 28.7



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

