

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111413.D
 Acq On : 14 Dec 2018 12:28
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 12:55:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 11:42:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	211102	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	898811	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	427161	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	755496	20.00	ng	0.00
76) Chrysene-d12	13.96	240	497173	20.00	ng	0.00
87) Perylene-d12	15.39	264	383990	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1966775	157.55	ng	0.00
7) Phenol-d6	6.45	99	2479905	147.34	ng	0.01
23) Nitrobenzene-d5	7.37	82	2411499	151.22	ng	0.01
42) 2,4,6-Tribromophenol	10.63	330	559097	148.48	ng	0.01
45) 2-Fluorobiphenyl	9.16	172	3816472	143.44	ng	0.00
79) Terphenyl-d14	12.91	244	3218368	142.47	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	501470	80.420	ng	98
3) Pyridine	3.24	79	1374757	89.746	ng	96
4) n-Nitrosodimethylamine	3.20	42	620253	86.798	ng	95
6) Aniline	6.47	93	1527352	75.010	ng	# 13
8) 2-Chlorophenol	6.59	128	1149741	74.931	ng	99
9) Benzaldehyde	6.35	77	606387	57.890	ng	97
10) Phenol	6.47	94	1405412	73.712	ng	75
11) bis(2-Chloroethyl)ether	6.54	93	1134335	75.624	ng	98
12) 1,3-Dichlorobenzene	6.74	146	1248939	75.188	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1259589	74.908	ng	98
14) 1,2-Dichlorobenzene	6.97	146	1147549	73.768	ng	99
15) Benzyl Alcohol	6.95	79	955970	74.173	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2120280	72.964	ng	94
17) 2-Methylphenol	7.07	107	916329	73.906	ng	# 89
18) Hexachloroethane	7.31	117	477082	76.422	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	835963	74.743	ng	95
20) 3+4-Methylphenols	7.22	107	1083329	73.267	ng	# 86
22) Acetophenone	7.22	105	1574019	75.391	ng	98
24) Nitrobenzene	7.39	77	1225907	74.633	ng	98
25) Isophorone	7.63	82	2065907	76.267	ng	99
26) 2-Nitrophenol	7.70	139	648837	80.363	ng	98
27) 2,4-Dimethylphenol	7.75	122	924218	75.409	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	1359743	73.134	ng	98
29) 2,4-Dichlorophenol	7.95	162	956177	74.790	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	976819	74.359	ng	100
31) Naphthalene	8.10	128	3057209	73.005	ng	99
32) Benzoic acid	7.92	122	772035	75.776	ng	99
33) 4-Chloroaniline	8.16	127	1413423	79.032	ng	98
34) Hexachlorobutadiene	8.23	225	538807	73.934	ng	98
35) Caprolactam	8.56	113	303396	67.724	ng	97
36) 4-Chloro-3-methylphenol	8.65	107	1038304	76.212	ng	100
37) 2-Methylnaphthalene	8.80	142	2018820	74.577	ng	100
38) 1-Methylnaphthalene	8.89	142	1923611	73.626	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	856284	71.315	ng	99

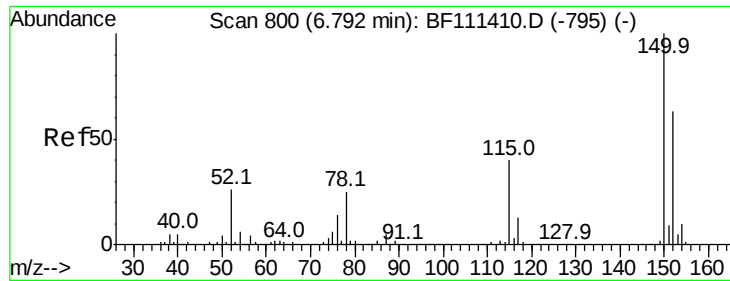
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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 QLast Update : Fri Dec 14 11:42:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	518465	82.693	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	637189	74.143	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	672714	74.066	nq	98
46) 1,1'-Biphenyl	9.26	154	2578125	70.738	nq	97
47) 2-Chloronaphthalene	9.29	162	2009402	71.991	nq	99
48) 2-Nitroaniline	9.38	65	710932	78.382	nq	99
49) Acenaphthylene	9.70	152	2898421	71.076	nq	97
50) Dimethylphthalate	9.57	163	2330566	75.871	nq	98
51) 2,6-Dinitrotoluene	9.63	165	530050	77.846	nq	90
52) Acenaphthene	9.87	154	1901613	73.933	nq	99
53) 3-Nitroaniline	9.80	138	642070	78.452	nq	97
54) 2,4-Dinitrophenol	9.90	184	230661	86.346	nq	94
55) Dibenzofuran	10.05	168	2648489	71.328	nq	99
56) 4-Nitrophenol	9.97	139	473453	80.331	nq	99
57) 2,4-Dinitrotoluene	10.03	165	693933	79.520	nq	96
58) Fluorene	10.39	166	1918901	72.242	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	513212	73.144	nq	98
60) Diethylphthalate	10.27	149	2237164	72.342	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	928085	70.480	nq	99
62) 4-Nitroaniline	10.42	138	632941	80.460	nq	100
63) Azobenzene	10.54	77	2219667	71.188	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	339440	78.260	nq	89
66) n-Nitrosodiphenylamine	10.50	169	1884162	70.110	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	599893	71.326	nq	98
68) Hexachlorobenzene	10.94	284	612058	70.673	nq	97
69) Atrazine	11.03	200	475547	61.181	nq	97
70) Pentachlorophenol	11.13	266	416579	72.282	nq	97
71) Phenanthrene	11.34	178	2777694	71.132	nq	96
72) Anthracene	11.40	178	2805611	70.560	nq	98
73) Carbazole	11.55	167	2941011	71.534	nq	98
74) Di-n-butylphthalate	11.89	149	3251538	69.459	nq	98
75) Fluoranthene	12.53	202	2753999	72.243	nq	100
77) Benzidine	12.65	184	1133109	120.769	nq	96
78) Pyrene	12.76	202	2815537	73.378	nq	98
80) Butylbenzylphthalate	13.38	149	1396912	75.825	nq	96
81) Benzo(a)anthracene	13.95	228	1966584	70.696	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	756025	71.862	nq	98
83) Chrysene	13.99	228	2109893	74.342	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1691257	75.094	nq	100
85) Di-n-octyl phthalate	14.56	149	2709350	73.263	nq	99
86) Indeno(1,2,3-cd)pyrene	16.82	276	1628007	73.342	nq	95
88) Benzo(b)fluoranthene	14.99	252	1747324	80.024	nq	99
89) Benzo(k)fluoranthene	15.02	252	1595290	73.195	nq	99
90) Benzo(a)pyrene	15.34	252	1548340	76.158	nq	98
91) Dibenzo(a,h)anthracene	16.84	278	1341880	79.332	nq	95
92) Benzo(g,h,i)perylene	17.25	276	1384820	81.887	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampled :

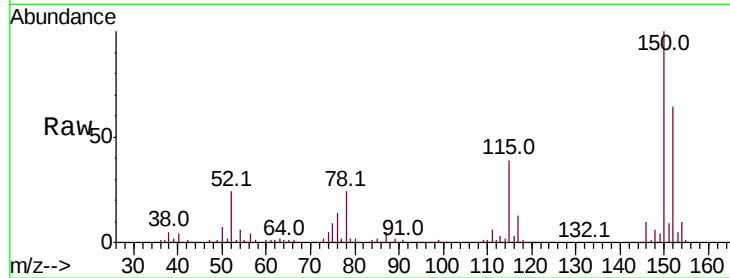
Tot Ion:152 Resp: 211102

Ion Ratio Lower Upper

152 100

150 156.3 126.6 189.8

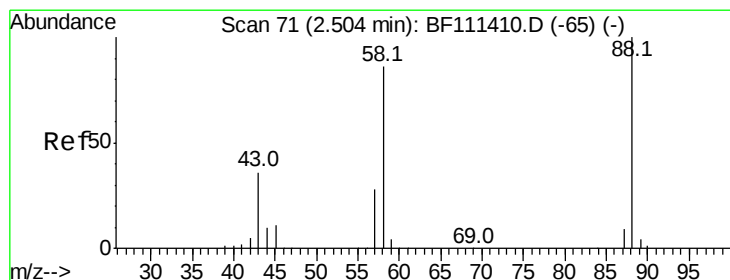
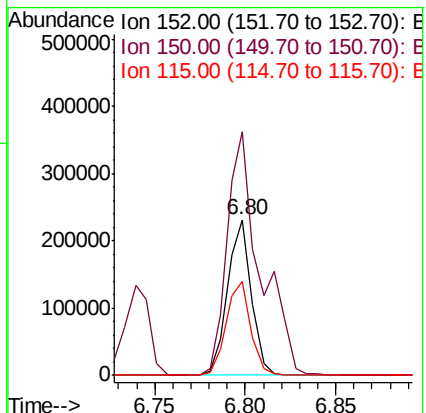
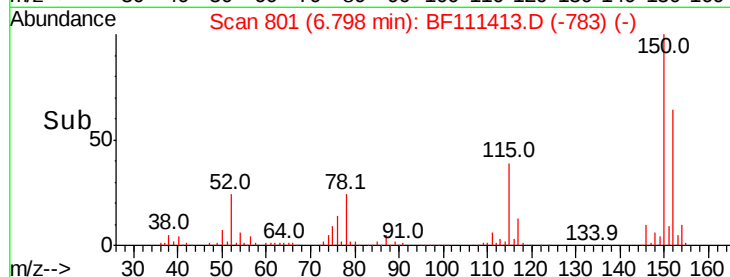
115 60.6 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 80.420 ng

RT: 2.51 min Scan# 72

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

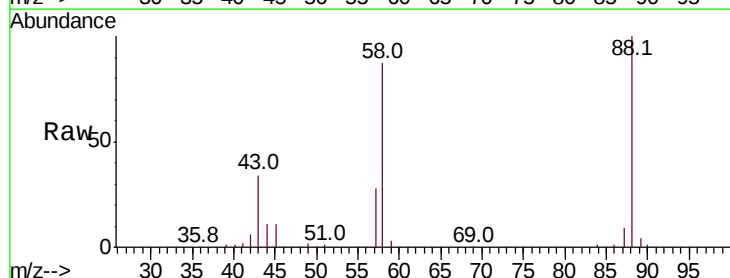
Tgt Ion: 88 Resp: 501470

Ion Ratio Lower Upper

88 100

58 87.6 68.9 103.3

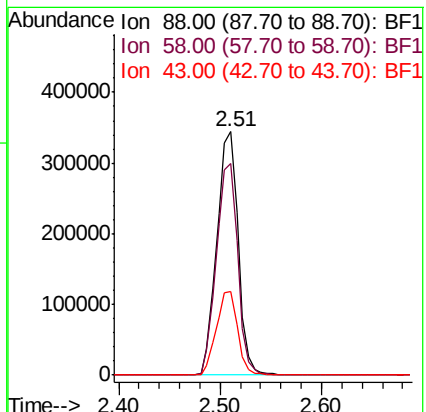
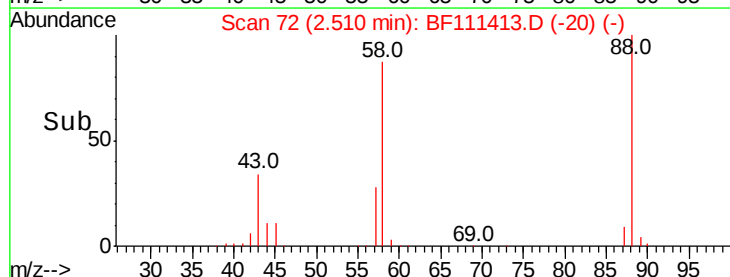
43 34.5 25.8 38.6

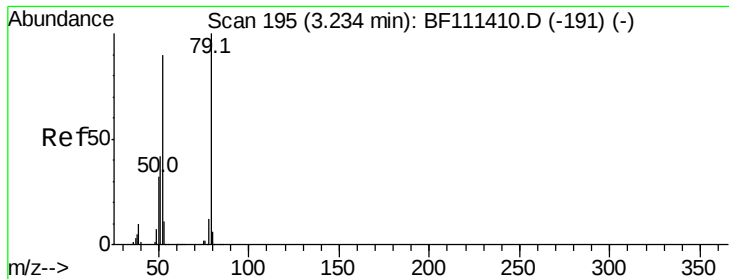


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 89.746 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

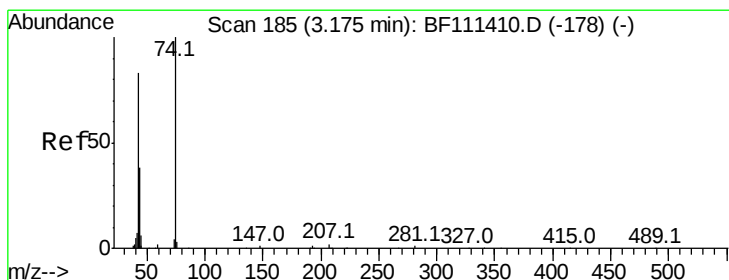
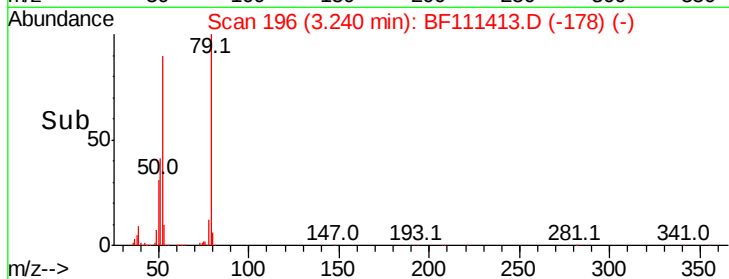
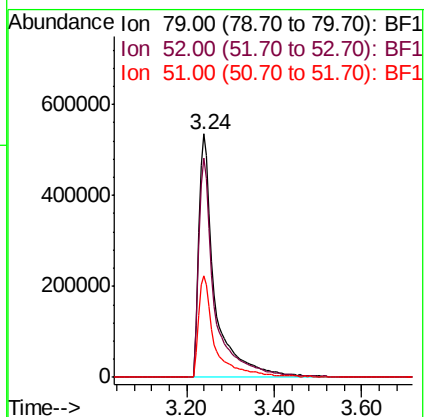
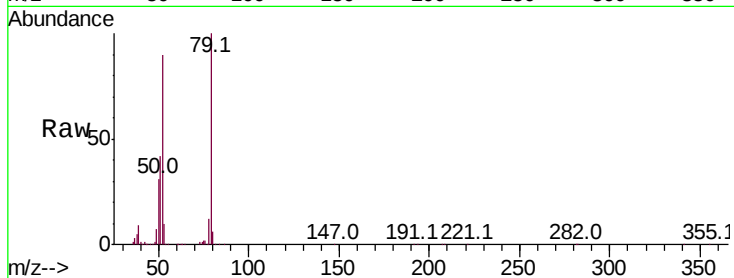
Tot Ion: 79 Resp: 1374757

Ion Ratio Lower Upper

79 100

52 90.0 68.3 102.5

51 41.6 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 86.798 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.03 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

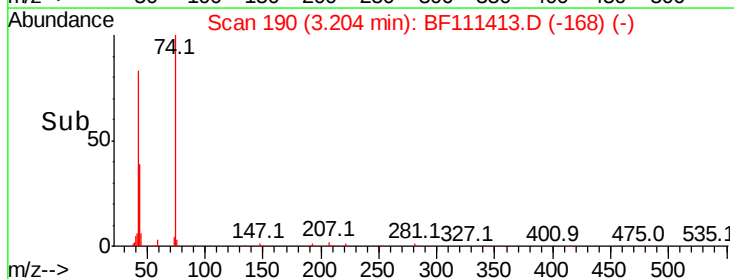
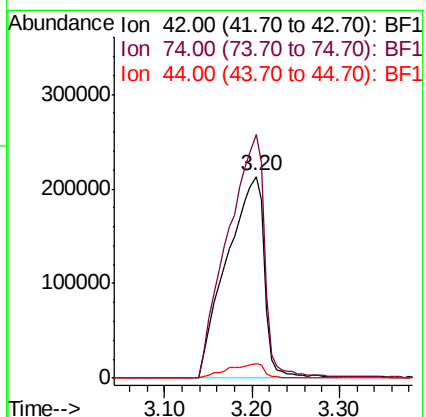
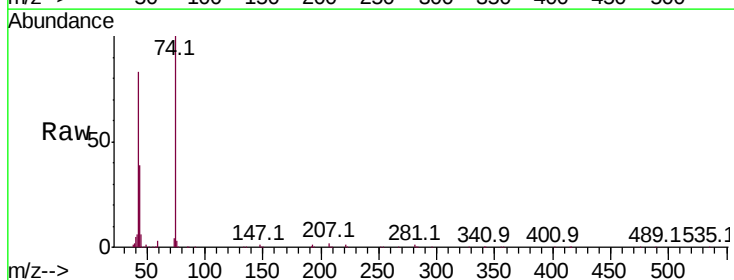
Tgt Ion: 42 Resp: 620253

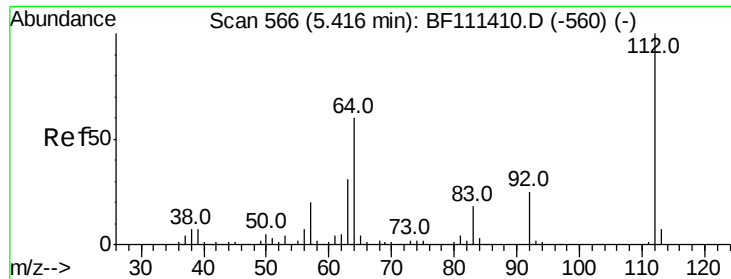
Ion Ratio Lower Upper

42 100

74 120.9 101.5 152.3

44 7.1 6.0 9.0





#5

2-Fluorophenol

Concen: 157.548 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampled :

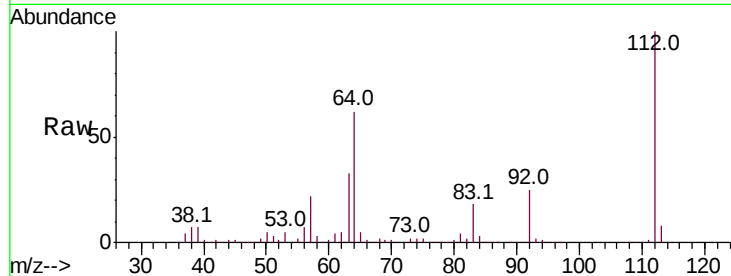
Tot Ion:112 Resp: 1966775

Ion Ratio Lower Upper

112 100

64 62.4 51.8 77.6

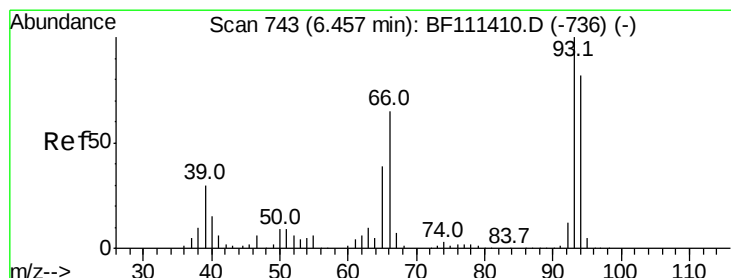
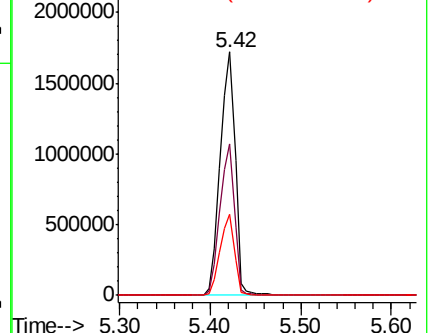
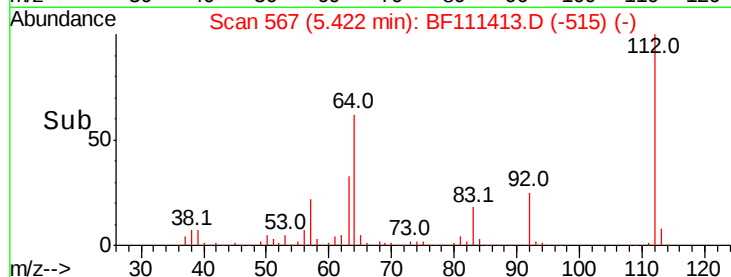
63 33.1 26.8 40.2



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: 75.010 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

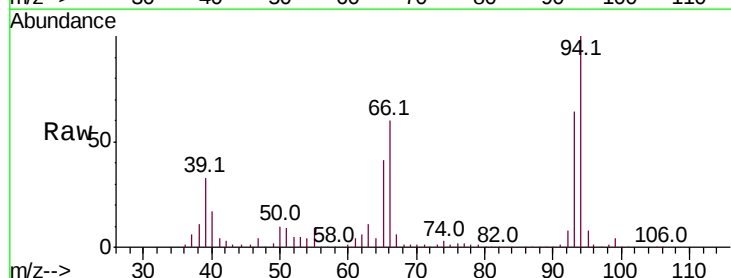
Tgt Ion: 93 Resp: 1527352

Ion Ratio Lower Upper

93 100

66 94.8 33.2 49.8#

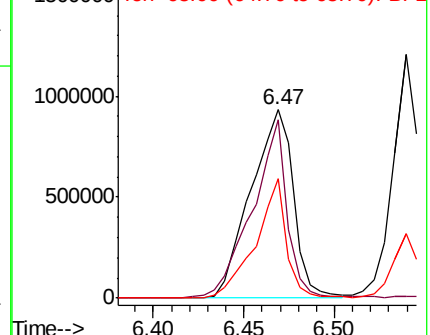
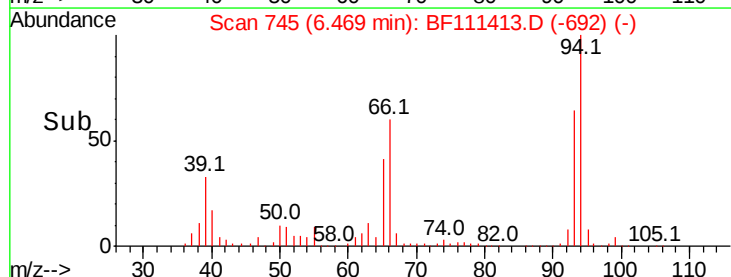
65 63.7 17.0 25.4#

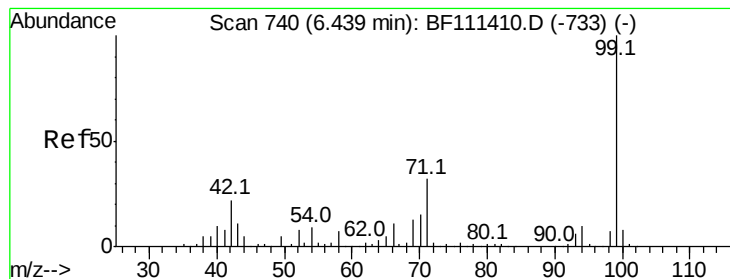


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 147.339 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

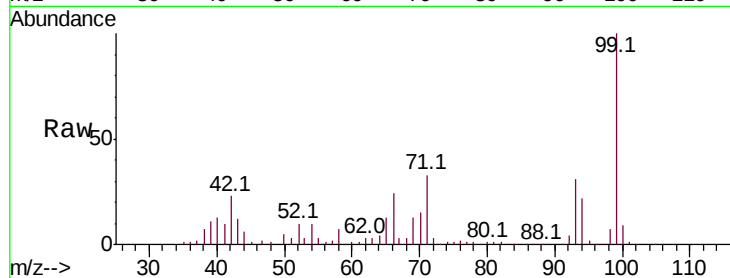
Tot Ion: 99 Resp: 2479905

Ion	Ratio	Lower	Upper
99	100		
42	23.4	17.4	26.0
71	33.2	26.1	39.1

99 100

42 23.4 17.4 26.0

71 33.2 26.1 39.1

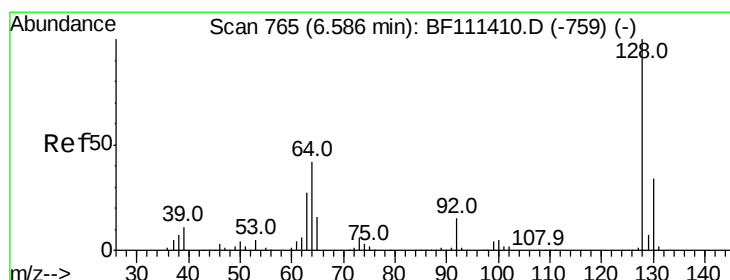
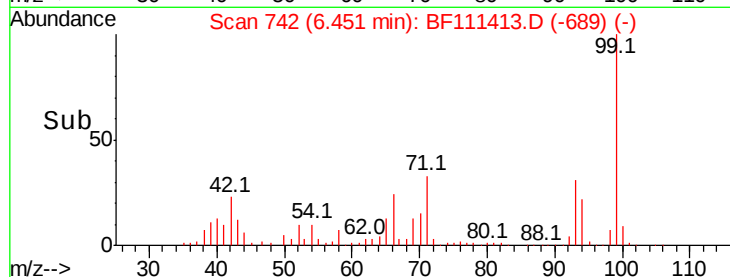
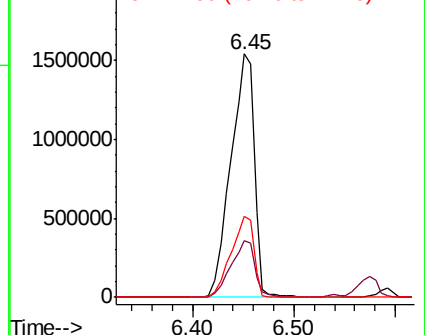


Abundance

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: 74.931 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

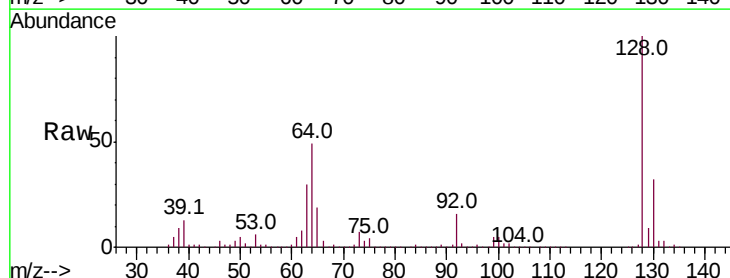
Tgt Ion: 128 Resp: 1149741

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.7	52.7
64	48.8	30.0	70.0

128 100

130 32.2 12.7 52.7

64 48.8 30.0 70.0

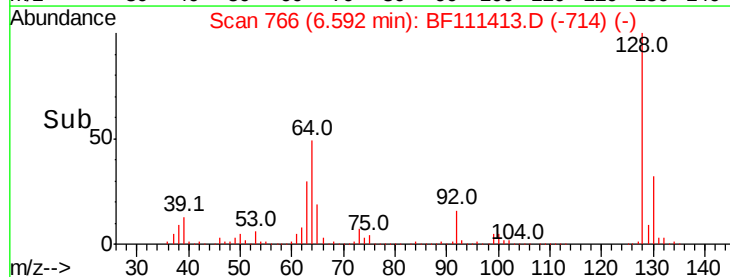
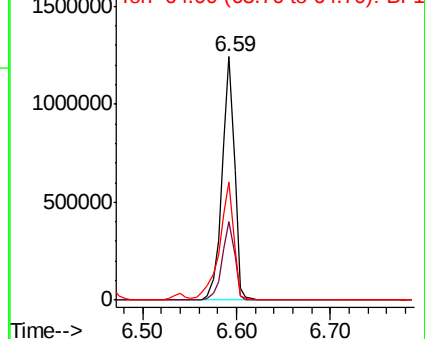


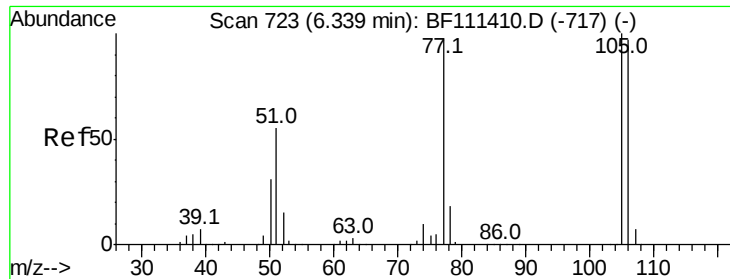
Abundance

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: 57.890 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampled :

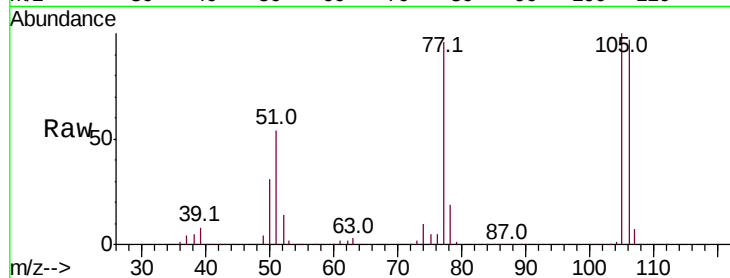
Tot Ion: 77 Resp: 606387

Ion Ratio Lower Upper

77 100

105 104.3 81.4 121.4

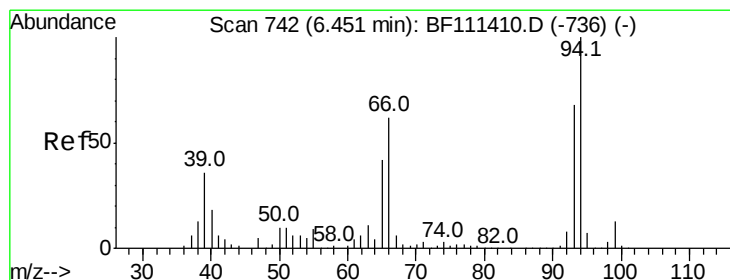
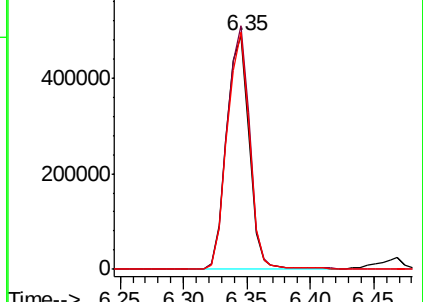
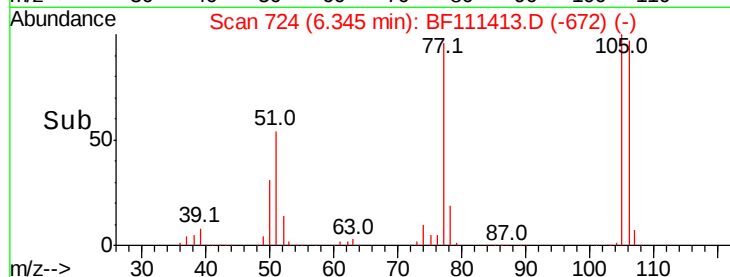
106 101.5 77.9 117.9



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: 73.712 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

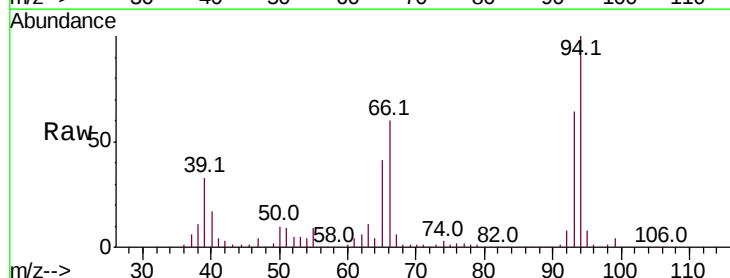
Tgt Ion: 94 Resp: 1405412

Ion Ratio Lower Upper

94 100

65 40.6 11.7 51.7

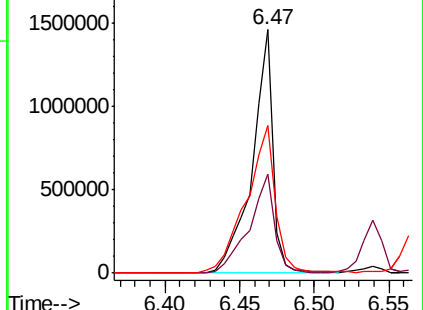
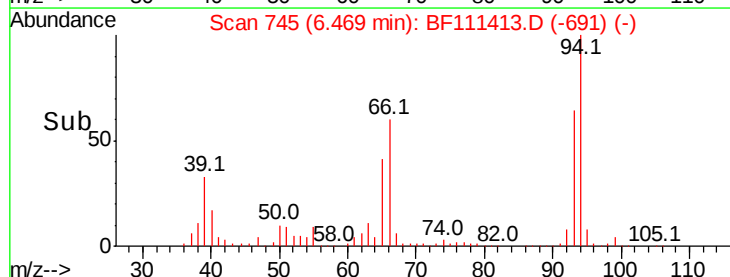
66 60.4 21.0 61.0

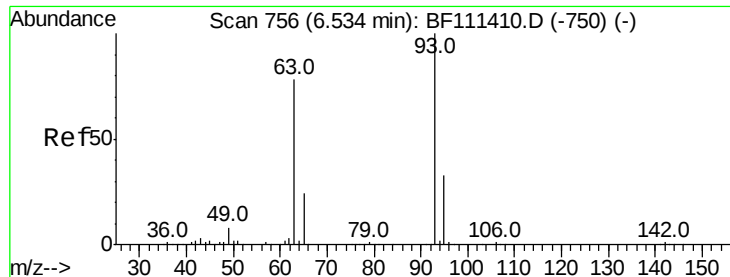


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 75.624 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

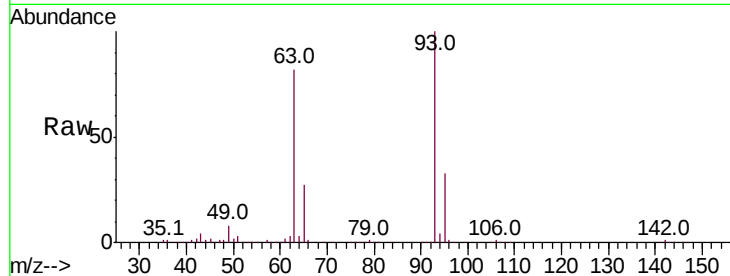
Tot Ion: 93 Resp: 1134335

Ion Ratio Lower Upper

93 100

63 82.0 60.0 100.0

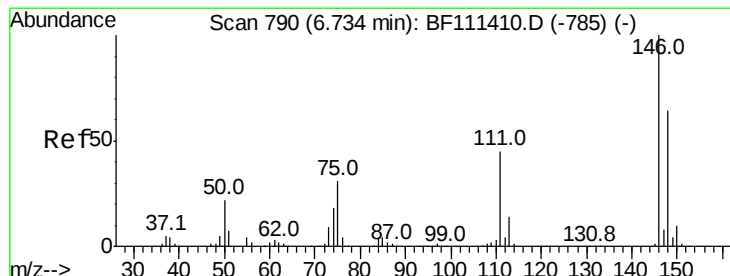
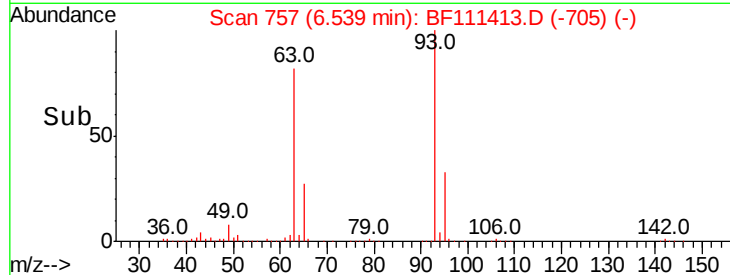
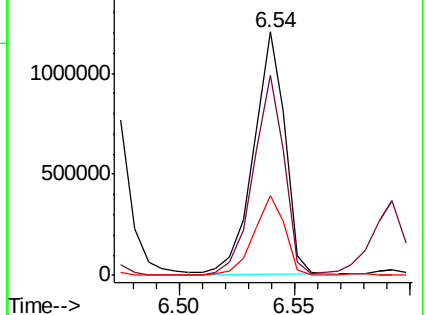
95 32.7 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 75.188 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

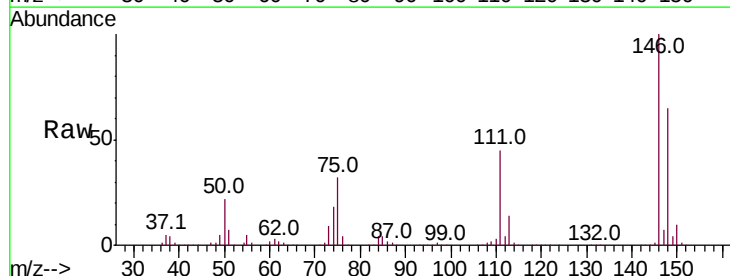
Tgt Ion: 146 Resp: 1248939

Ion Ratio Lower Upper

146 100

148 65.4 52.1 78.1

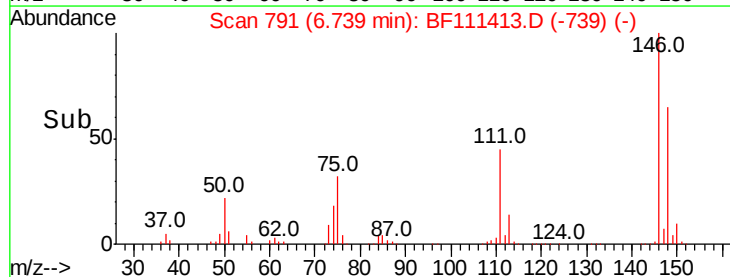
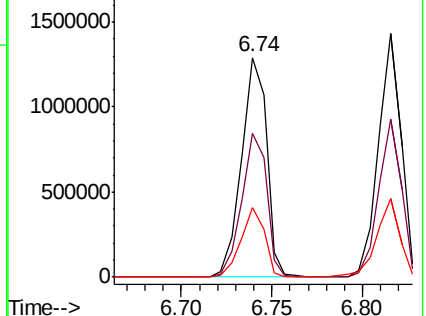
75 31.6 23.9 35.9

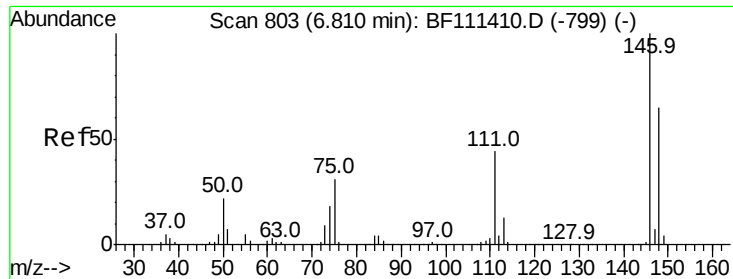


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

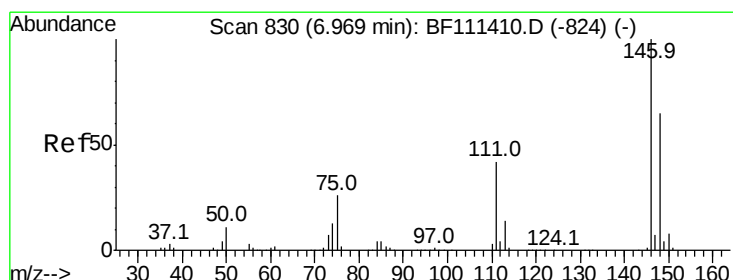
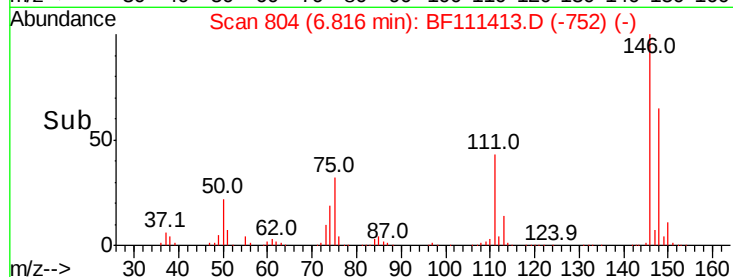
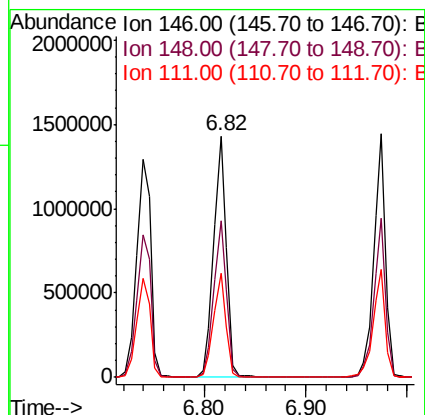
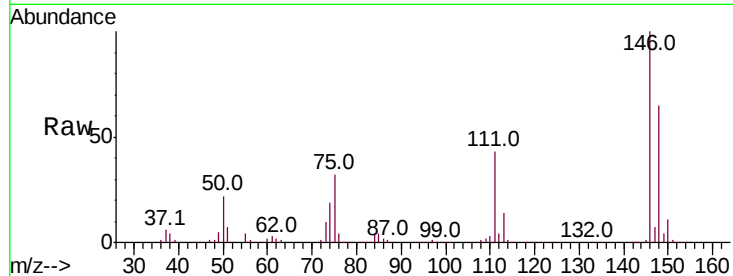




#13
 1,4-Dichlorobenzene
 Concen: 74.908 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

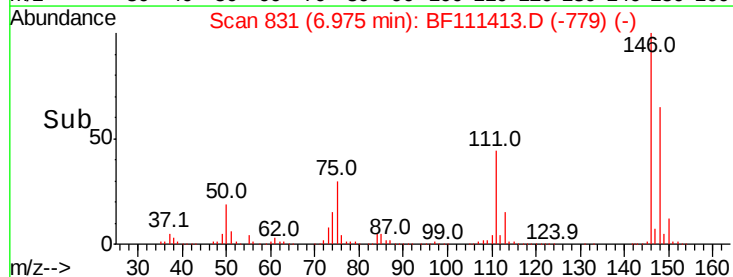
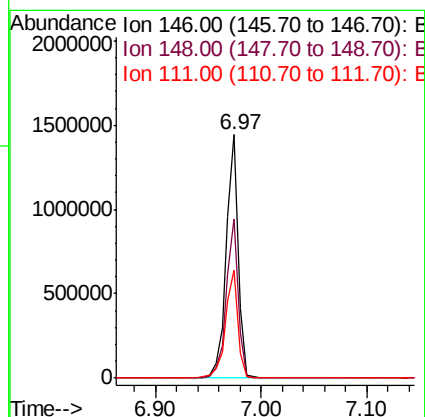
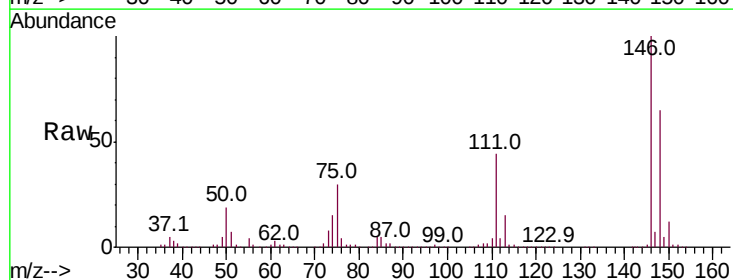
Instrument :
 BNA_F
 ClientSampleId :

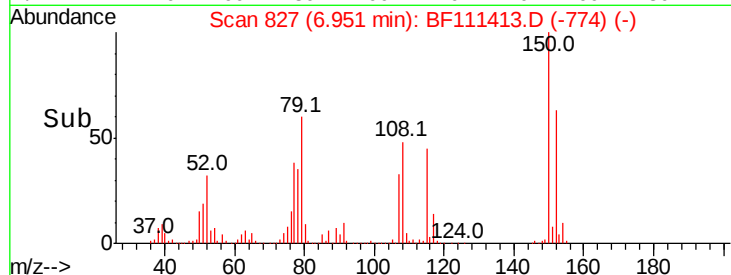
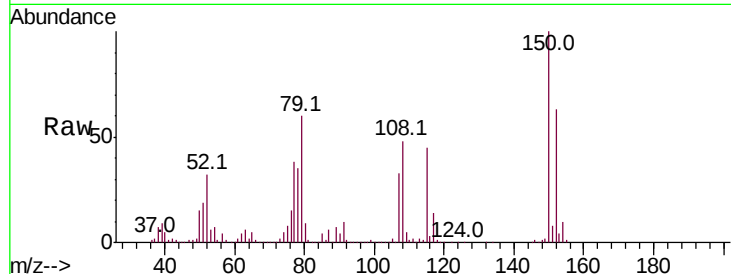
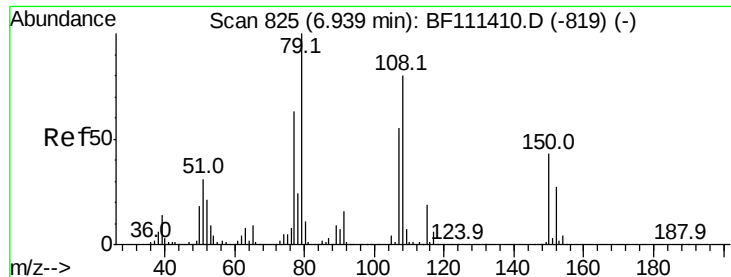
Tot Ion:146 Resp: 1259589
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.8 79.2
 111 43.1 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 73.768 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Tgt Ion:146 Resp: 1147549
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.9 77.9
 111 44.2 36.2 54.4

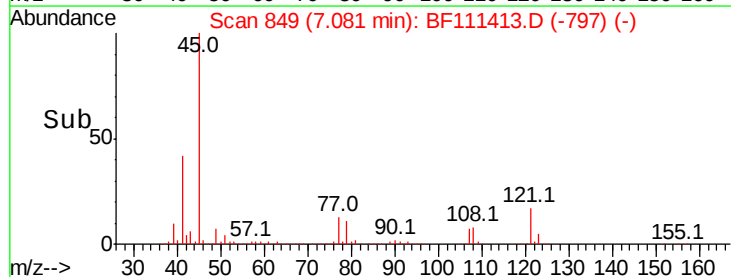
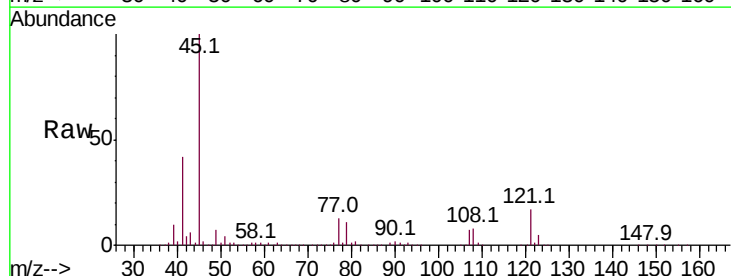
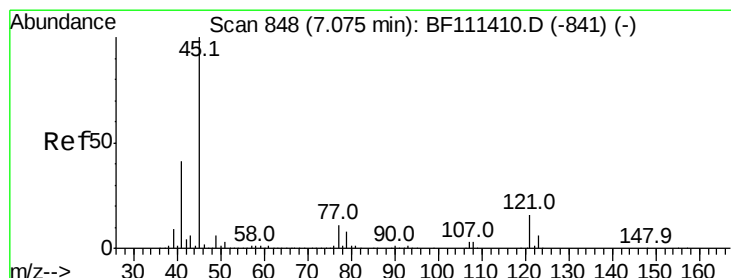
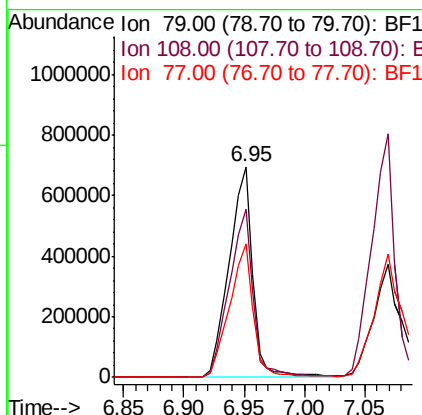




#15
Benzyl Alcohol
Concen: 74.173 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

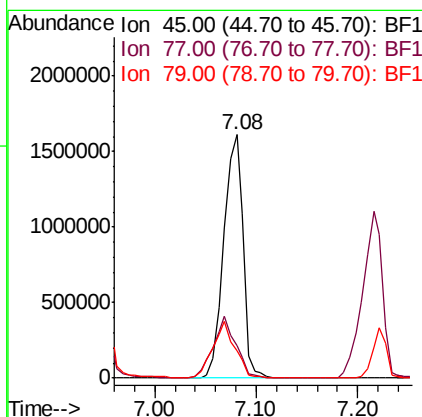
Instrument :
BNA_F
ClientSampled :

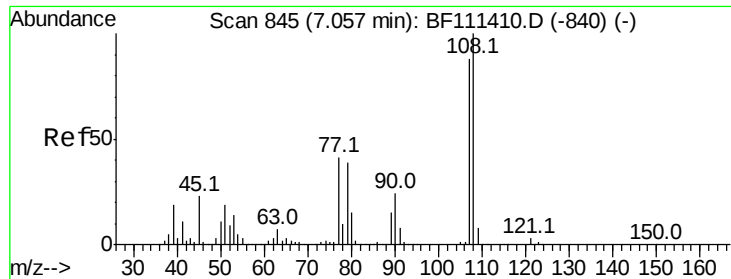
Tot Ion: 79 Resp: 955970
Ion Ratio Lower Upper
79 100
108 79.6 69.4 104.2
77 63.2 49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.964 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion: 45 Resp: 2120280
Ion Ratio Lower Upper
45 100
77 13.4 0.0 31.5
79 11.3 0.0 28.9

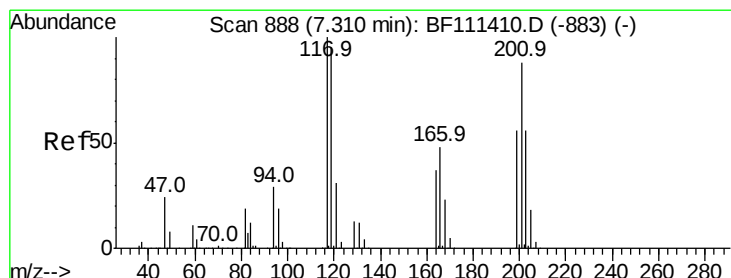
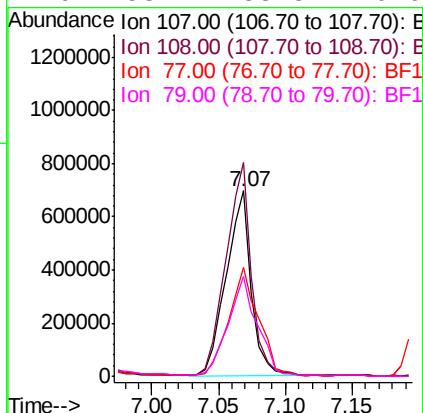
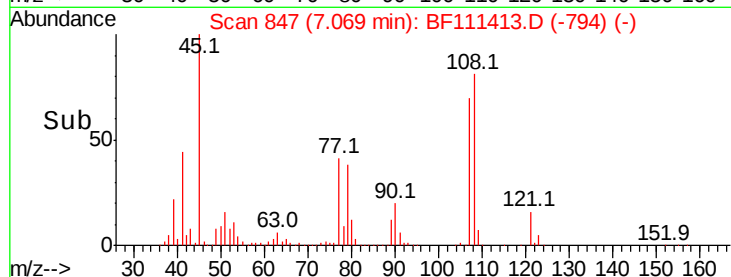
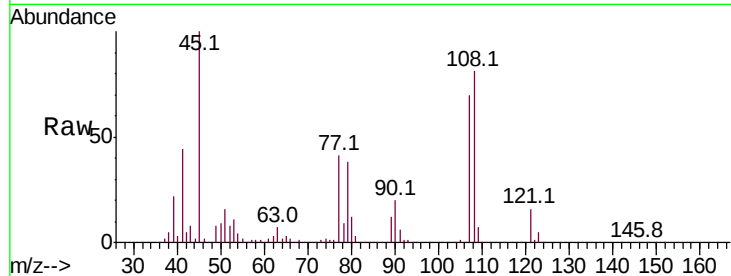




#17
2-Methylphenol
Concen: 73.906 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

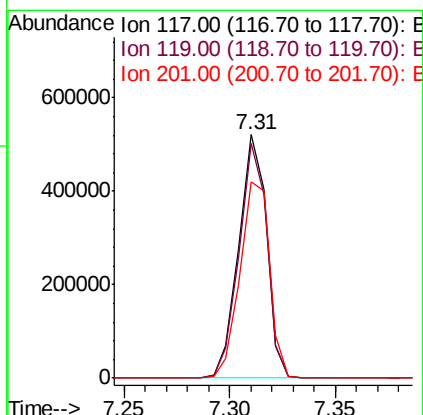
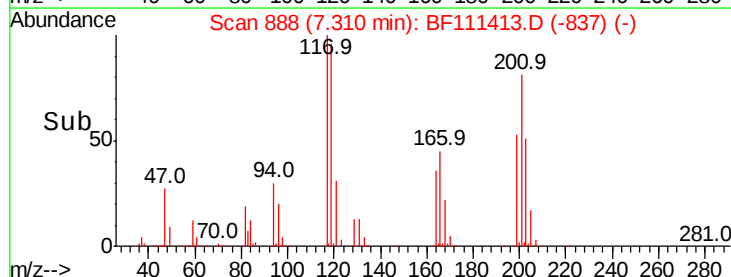
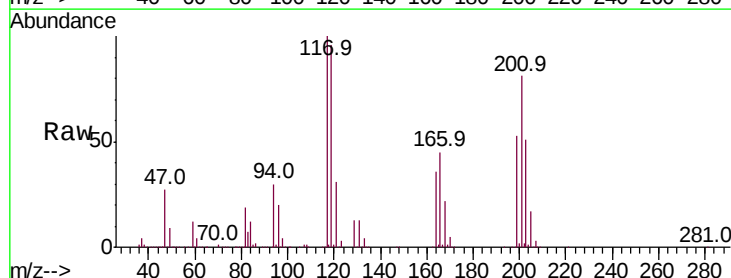
Instrument :
BNA_F
ClientSampleId :

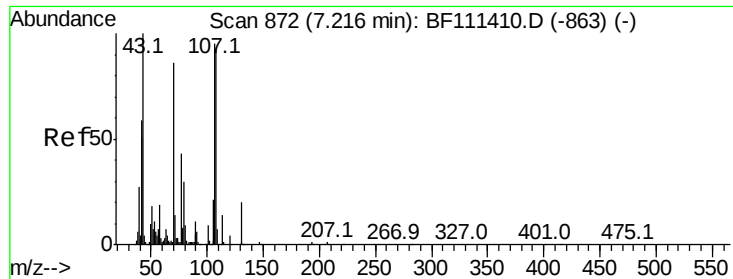
Tot Ion:107 Resp: 916329
Ion Ratio Lower Upper
107 100
108 115.3 91.0 136.4
77 58.6 33.5 50.3#
79 53.7 33.3 49.9#



#18
Hexachloroethane
Concen: 76.422 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:117 Resp: 477082
Ion Ratio Lower Upper
117 100
119 96.5 75.4 113.0
201 80.7 62.4 93.6

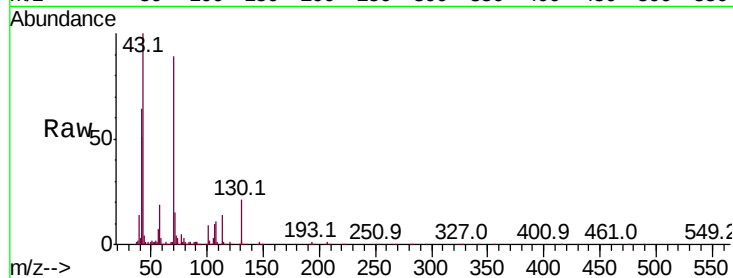




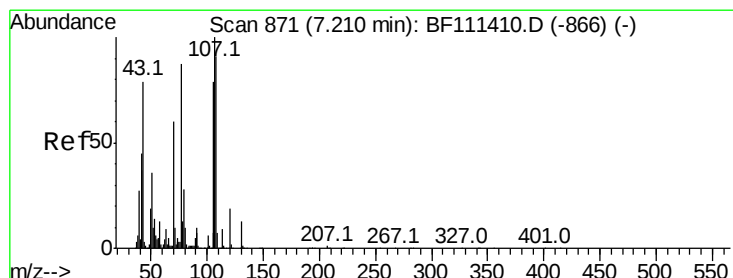
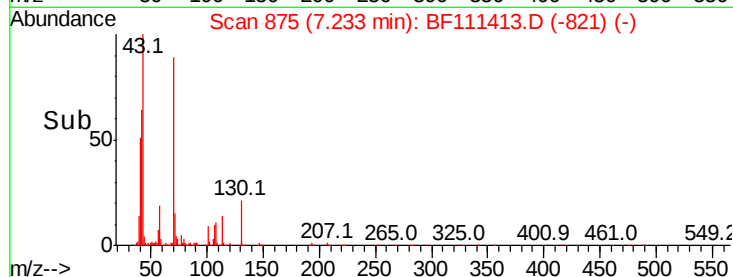
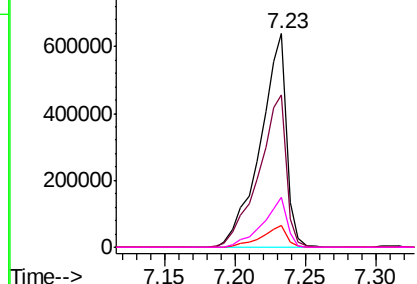
#19
n-Nitroso-di-n-propylamine
Concen: 74.743 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.02 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	835963
Ion	Ratio	Lower	Upper
70	100		
42	71.4	53.2	79.8
101	10.0	8.2	12.4
130	23.2	18.1	27.1

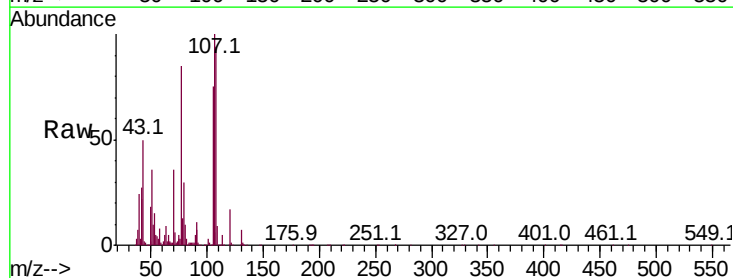


Abundance Ion 70.00 (69.70 to 70.70): BF1
1000000
Ion 42.00 (41.70 to 42.70): BF1
800000
Ion 101.00 (100.70 to 101.70): BF1
600000
Ion 130.00 (129.70 to 130.70): BF1
400000
200000
0

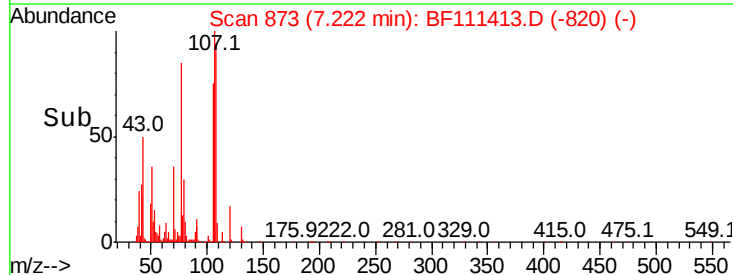
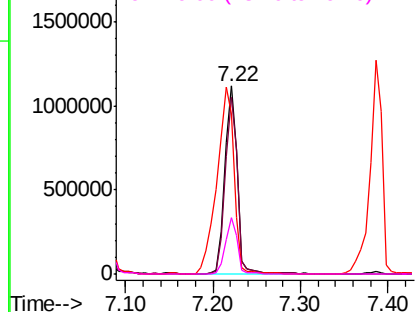


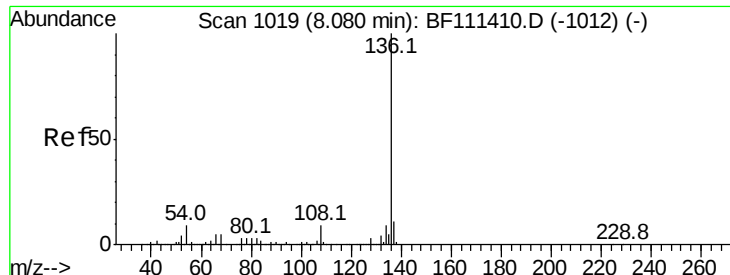
#20
3+4-Methylphenols
Concen: 73.267 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:	107	Resp:	1083329
Ion	Ratio	Lower	Upper
107	100		
108	93.6	72.1	112.1
77	84.9	94.1	134.1#
79	29.8	9.8	49.8



Abundance Ion 107.00 (106.70 to 107.70): BF1
2000000
Ion 108.00 (107.70 to 108.70): BF1
1500000
Ion 77.00 (76.70 to 77.70): BF1
1000000
Ion 79.00 (78.70 to 79.70): BF1
500000
0

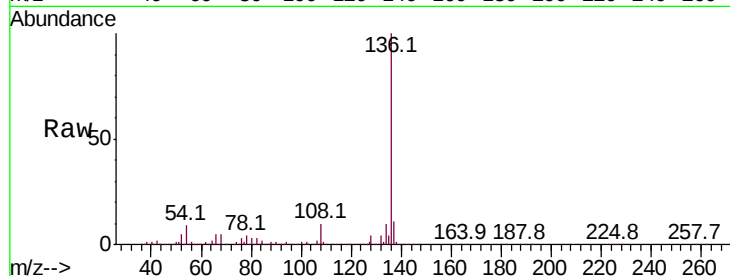




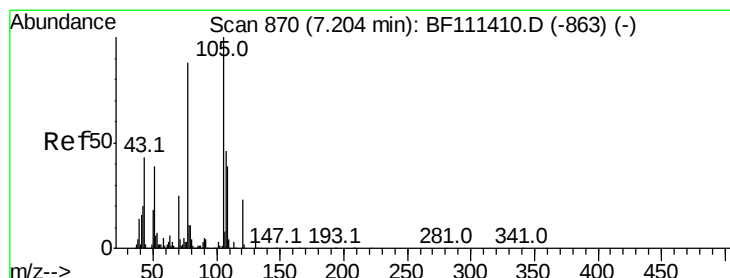
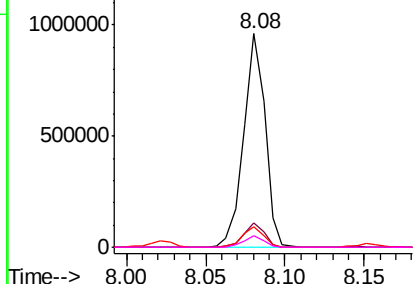
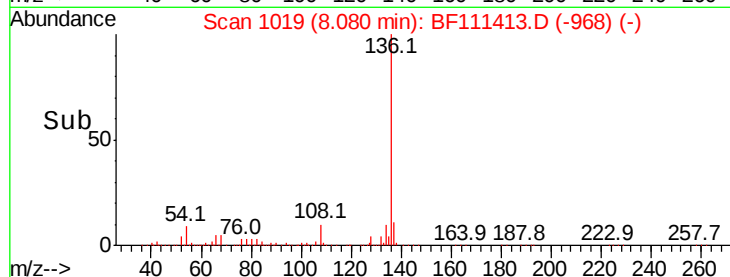
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	898811
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.3	7.7	11.5
68	5.2	4.9	7.3

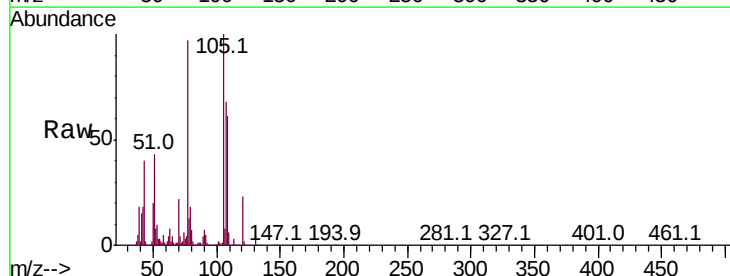


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

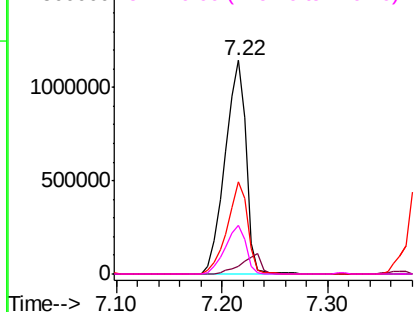
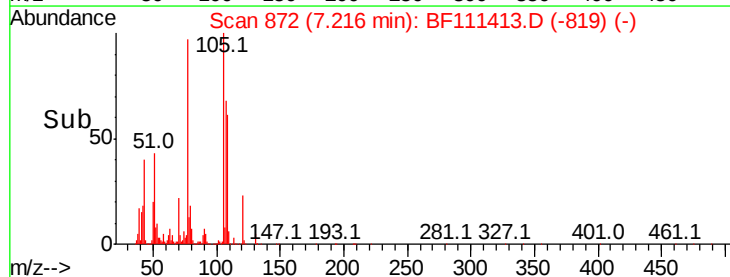


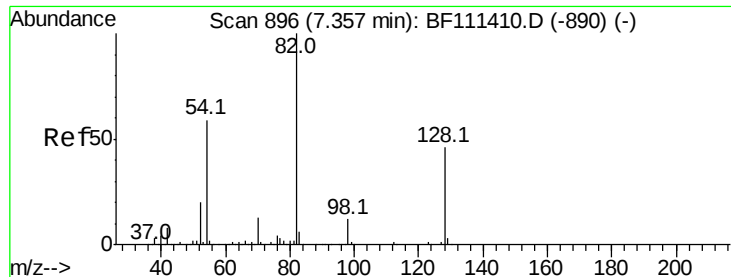
#22
Acetophenone
Concen: 75.391 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:	105	Resp:	1574019
Ion	Ratio	Lower	Upper
105	100		
71	3.7	3.1	4.7
51	43.4	36.6	54.8
120	22.5	18.2	27.4



Abundance Ion 105.00 (104.70 to 105.70): E
1500000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

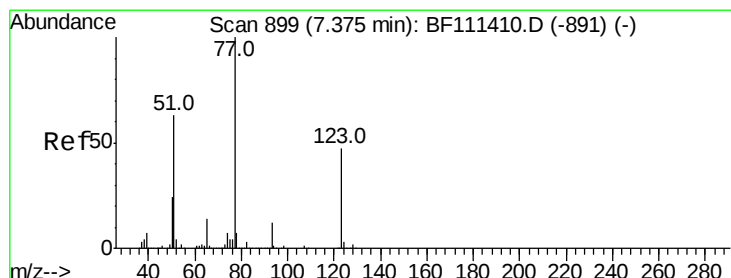
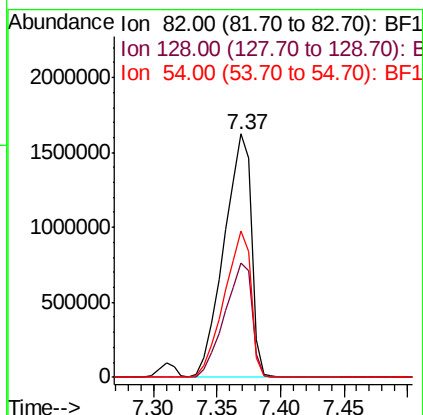
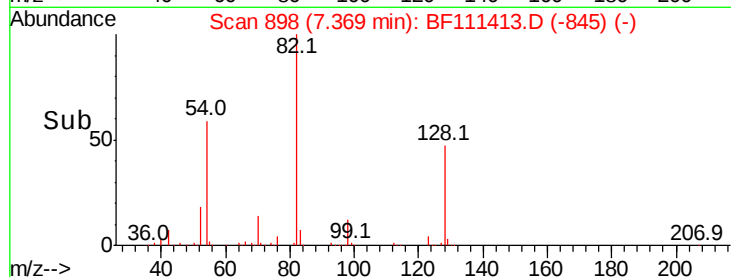
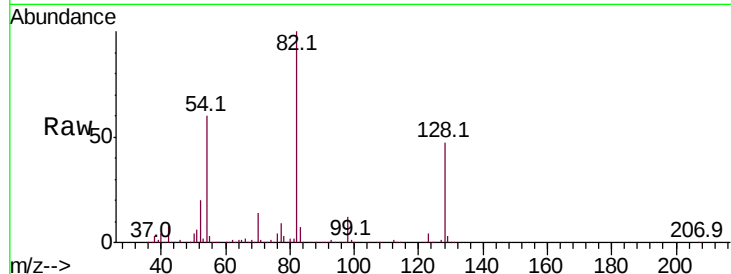




#23
 Nitrobenzene-d5
 Concen: 151.222 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

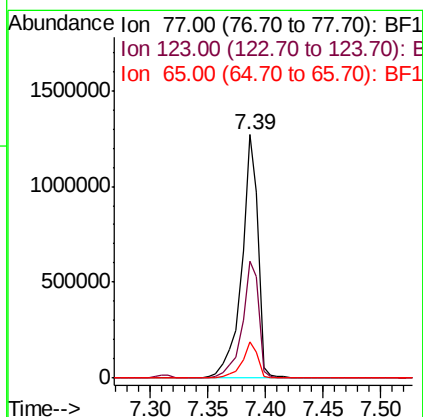
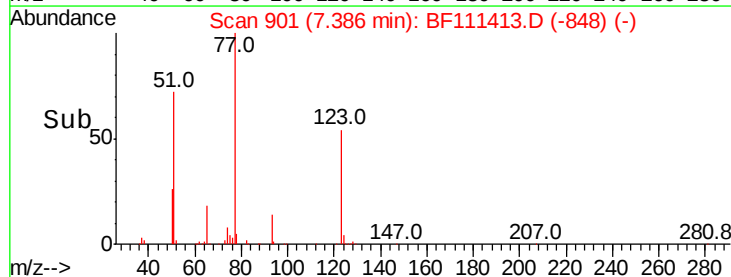
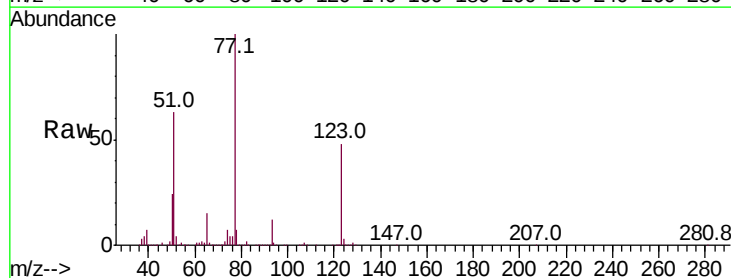
Instrument :
 BNA_F
 ClientSampleId :

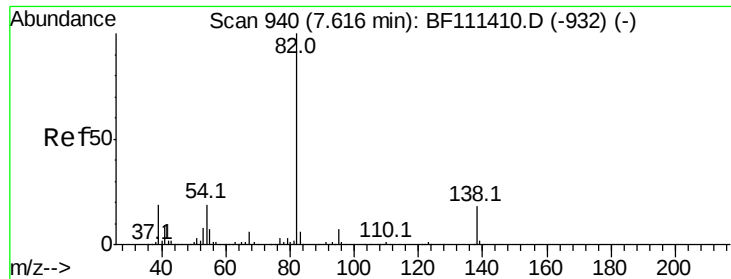
Tot Ion: 82 Resp: 2411499
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.4 56.2
 54 60.2 47.6 71.4



#24
 Nitrobenzene
 Concen: 74.633 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Tgt Ion: 77 Resp: 1225907
 Ion Ratio Lower Upper
 77 100
 123 48.0 37.2 55.8
 65 14.8 11.5 17.3





#25

Isophorone

Concen: 76.267 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

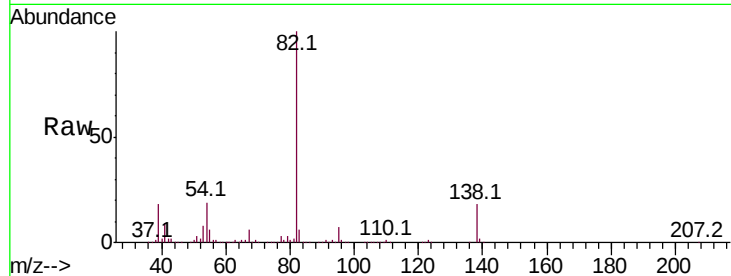
Tot Ion: 82 Resp: 2065907

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	18.3	15.1	22.7

82 100

95 7.1 5.4 8.2

138 18.3 15.1 22.7

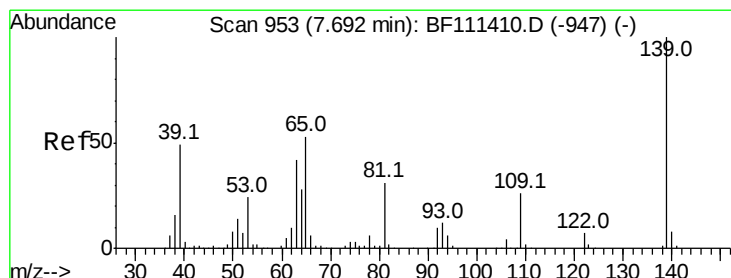
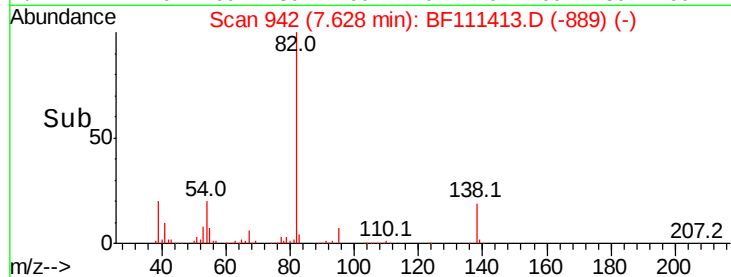
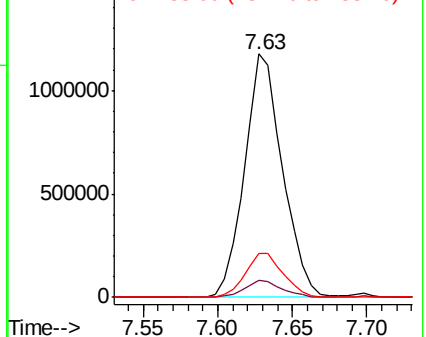


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 80.363 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

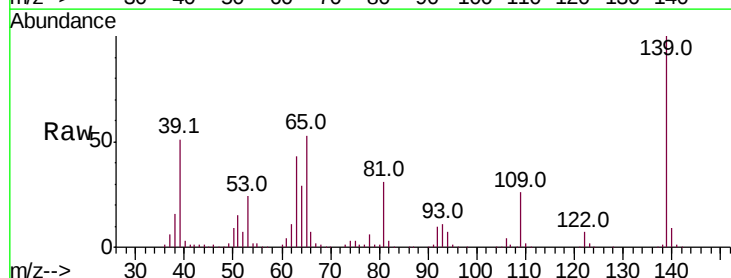
Tgt Ion: 139 Resp: 648837

Ion	Ratio	Lower	Upper
139	100		
109	26.2	20.2	30.4
65	52.8	40.7	61.1

139 100

109 26.2 20.2 30.4

65 52.8 40.7 61.1

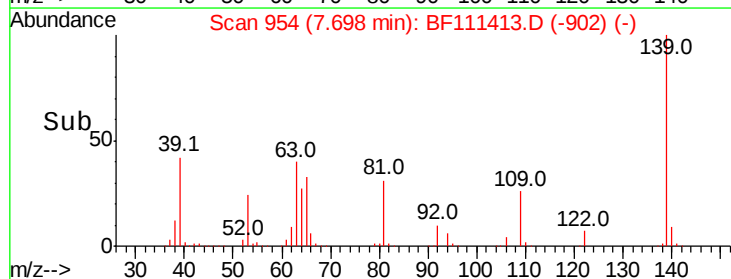
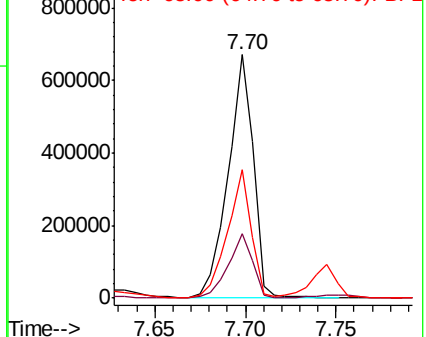


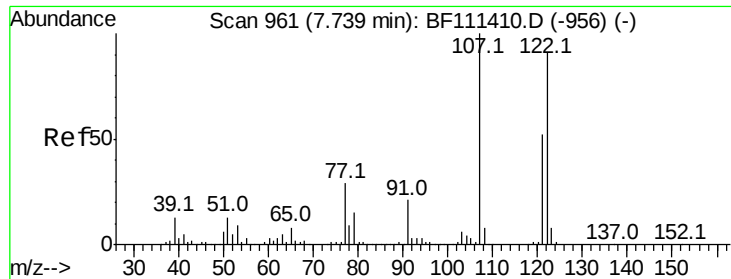
Abundance

Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

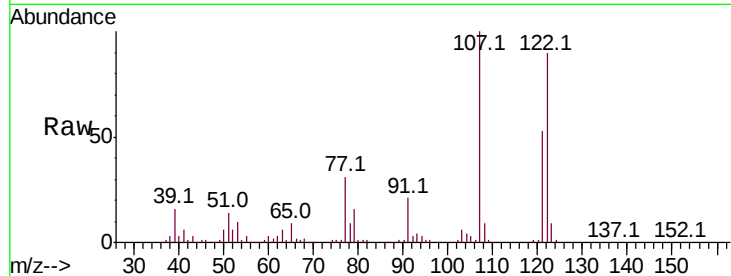




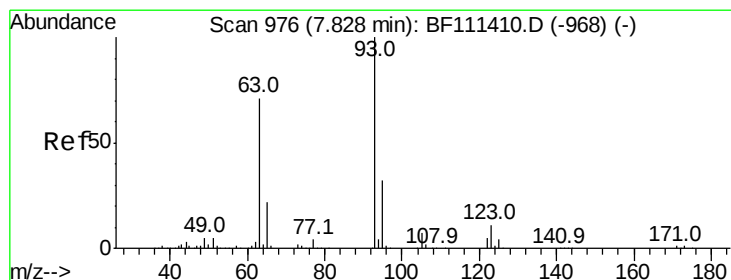
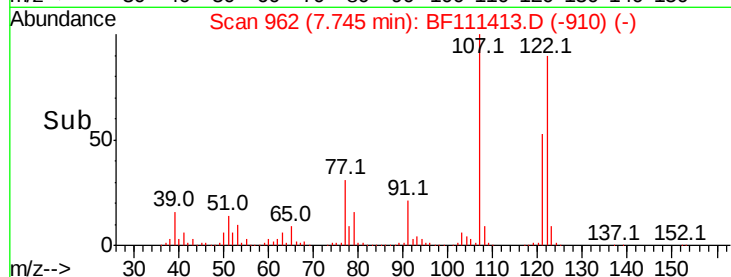
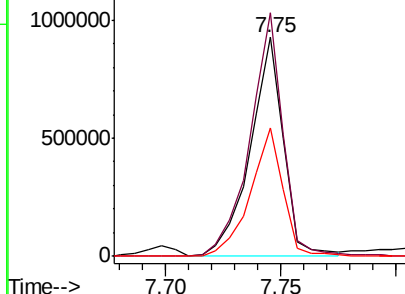
#27
2,4-Dimethylphenol
Concen: 75.409 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 924218
Ion Ratio Lower Upper
122 100
107 111.1 85.5 128.3
121 58.4 46.6 70.0

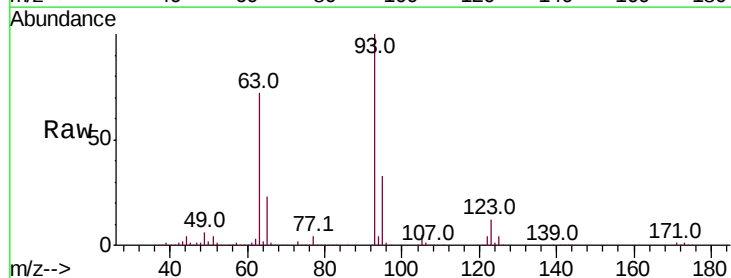


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

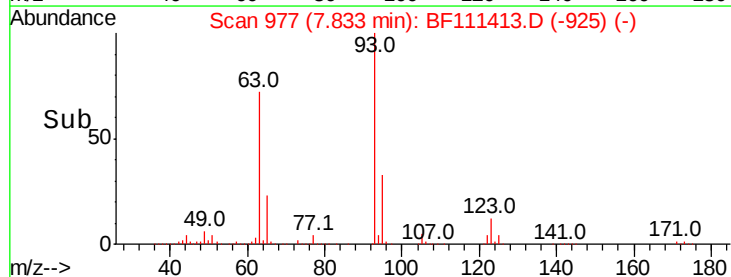
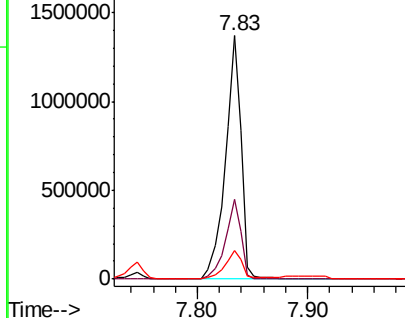


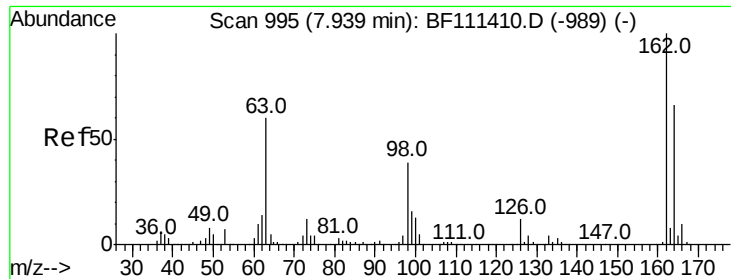
#28
bis(2-Chloroethoxy)methane
Concen: 73.134 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion: 93 Resp: 1359743
Ion Ratio Lower Upper
93 100
95 33.0 27.1 40.7
123 11.8 9.9 14.9



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

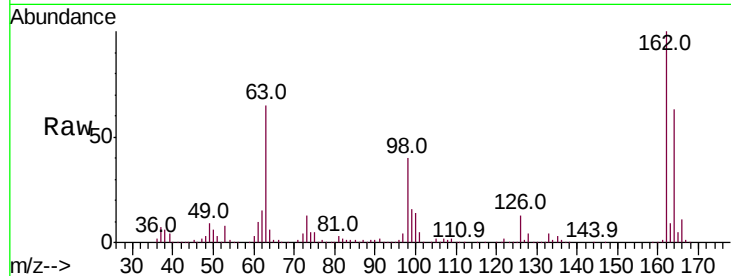




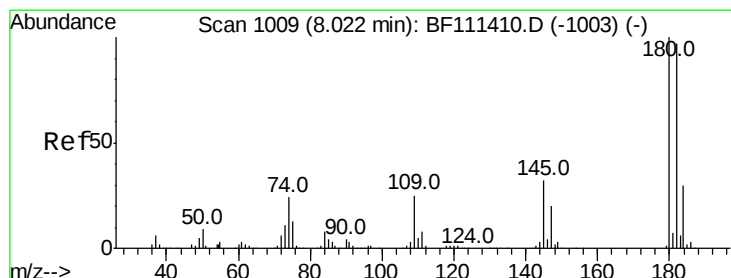
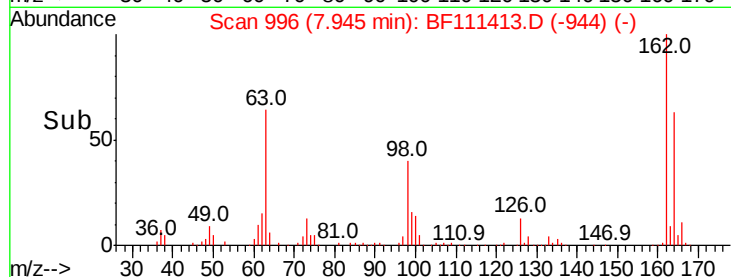
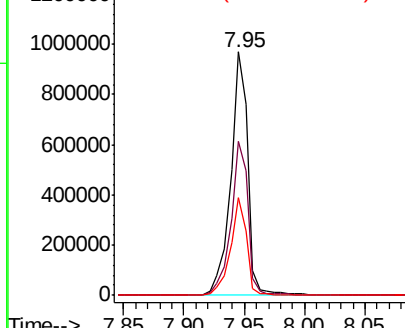
#29
2,4-Dichlorophenol
Concen: 74.790 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.4	84.4
98	40.4	20.3	60.3

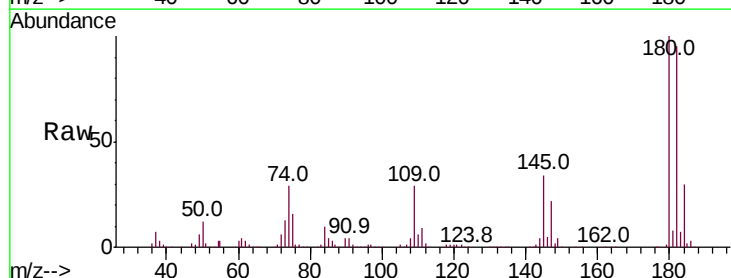


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

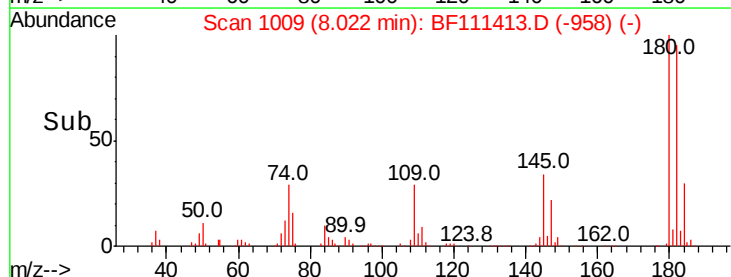
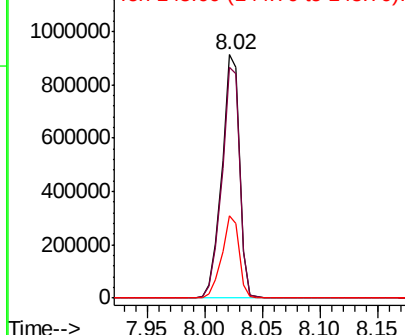


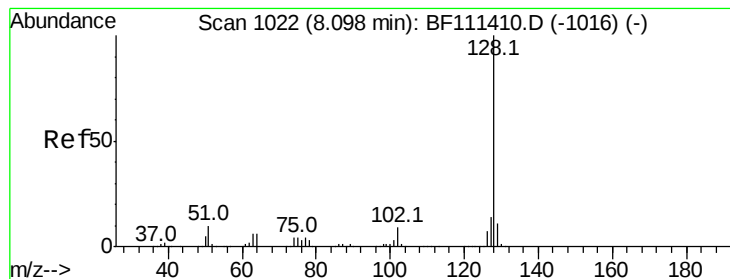
#30
1,2,4-Trichlorobenzene
Concen: 74.359 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.6	113.4
145	34.1	26.7	40.1



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: 73.005 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

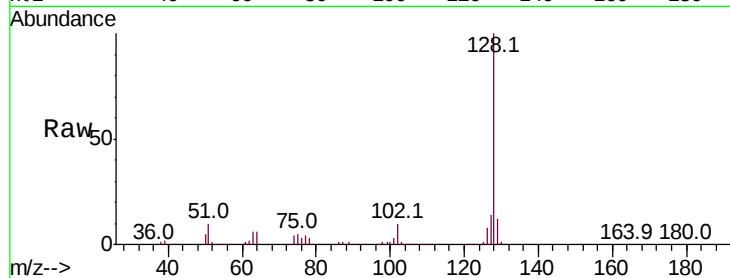
Tot Ion:128 Resp: 3057209

Ion Ratio Lower Upper

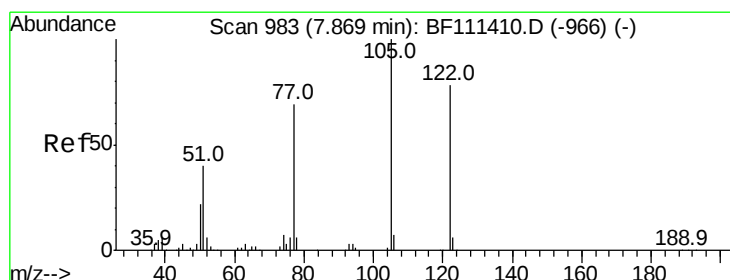
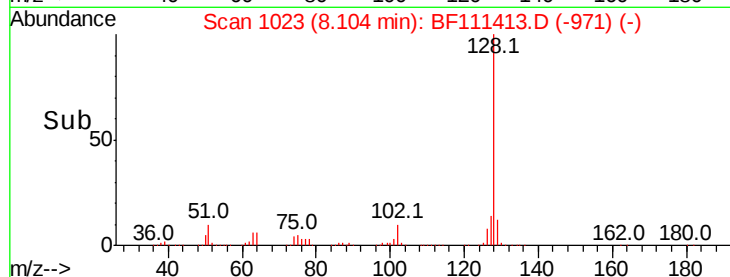
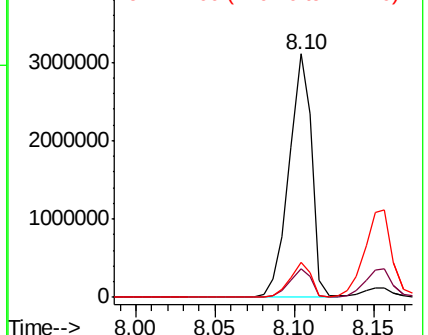
128 100

129 12.0 9.8 14.8

127 14.3 12.0 18.0



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



#32

Benzoic acid

Concen: 75.776 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.05 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

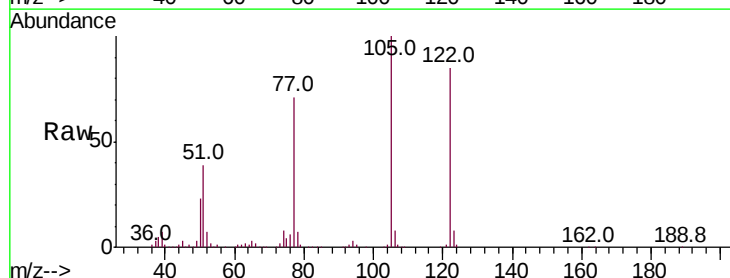
Tgt Ion:122 Resp: 772035

Ion Ratio Lower Upper

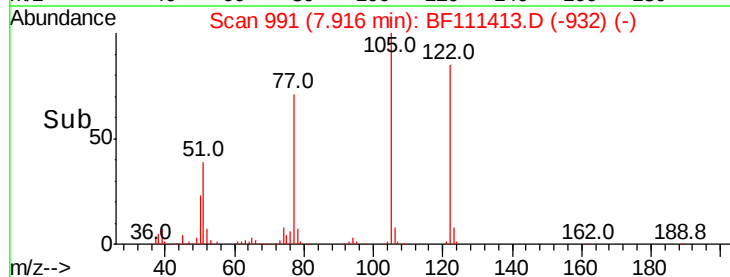
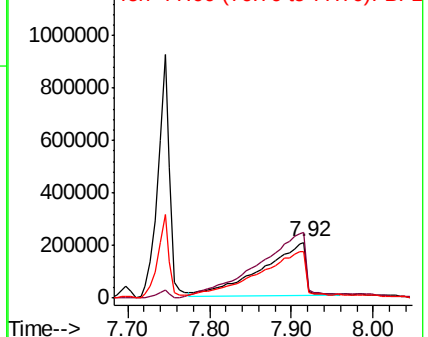
122 100

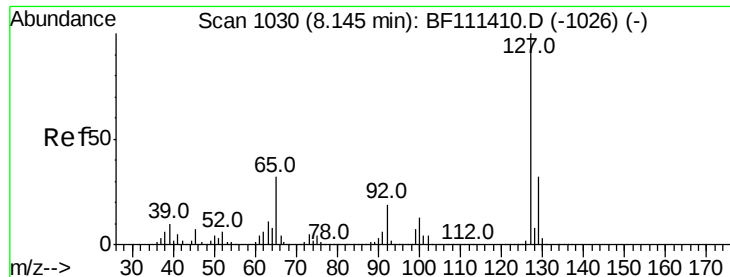
105 117.9 97.0 137.0

77 83.6 65.7 105.7



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

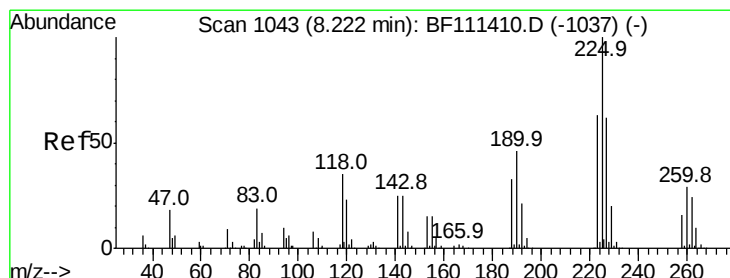
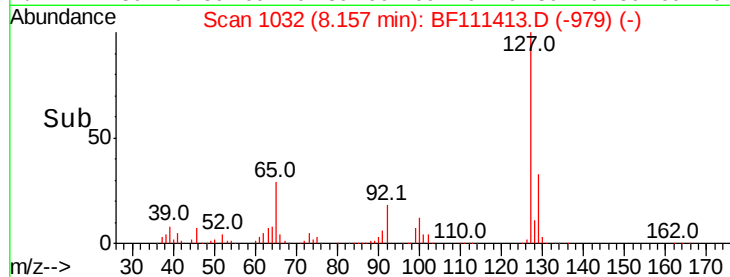
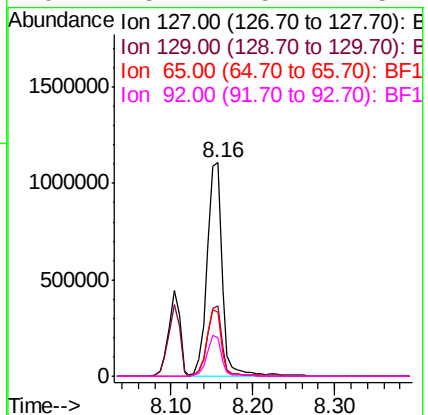
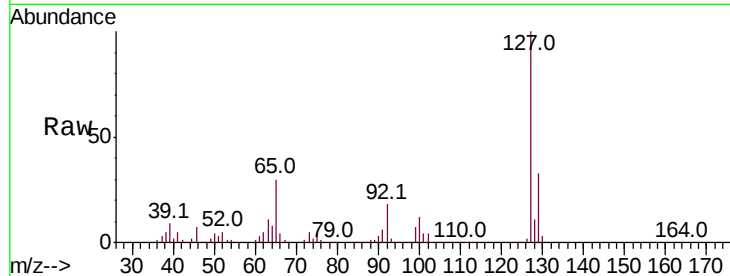




#33
4-Chloroaniline
Concen: 79.032 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

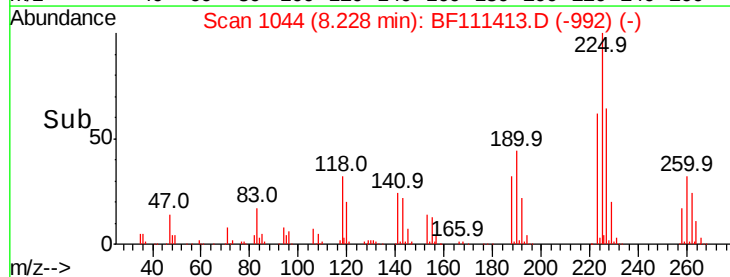
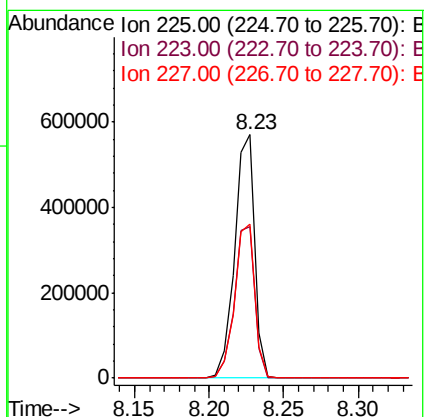
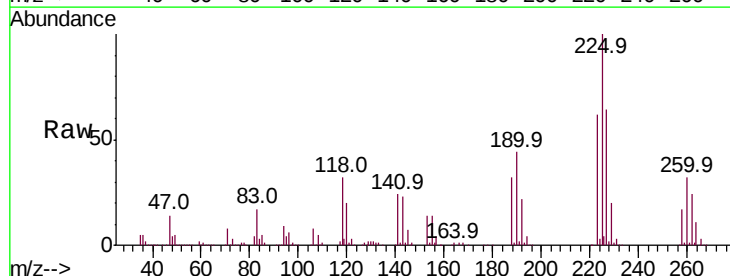
Instrument :
BNA_F
ClientSampleId :

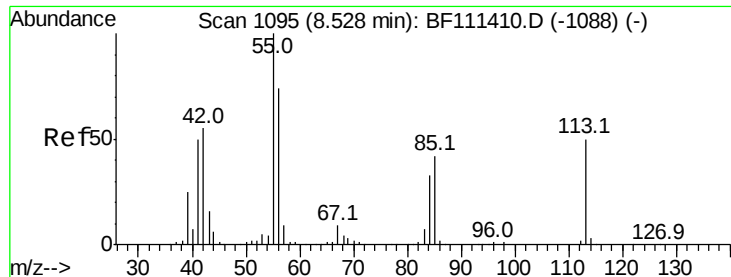
Tot Ion:127 Resp: 1413423
Ion Ratio Lower Upper
127 100
129 32.8 26.6 39.8
65 30.2 25.7 38.5
92 18.1 15.4 23.2



#34
Hexachlorobutadiene
Concen: 73.934 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:225 Resp: 538807
Ion Ratio Lower Upper
225 100
223 62.4 50.7 76.1
227 63.5 52.6 78.8

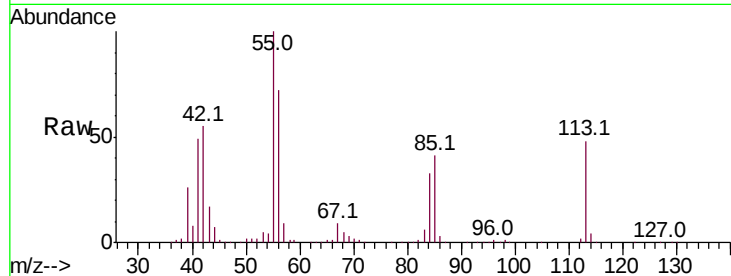




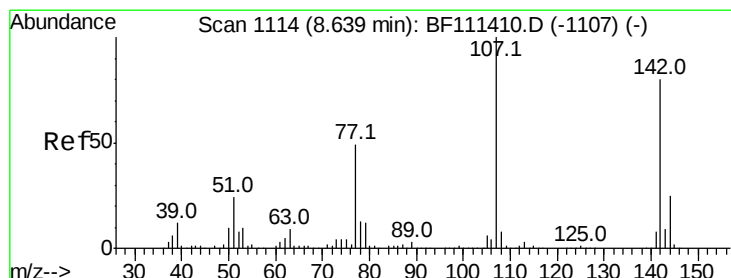
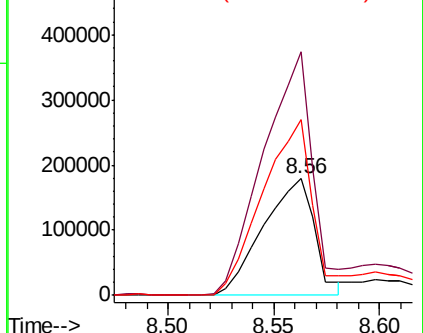
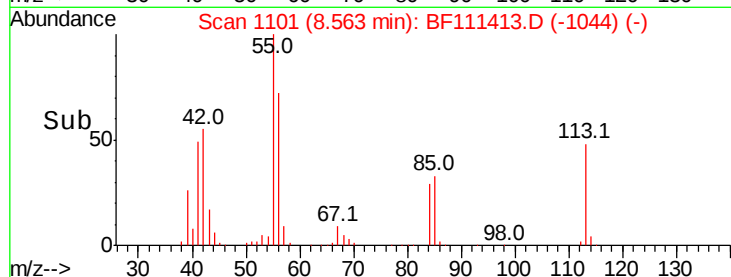
#35
 Caprolactam
 Concen: 67.724 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.04 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 303396
 Ion Ratio Lower Upper
 113 100
 55 208.6 184.1 224.1
 56 150.6 126.0 166.0

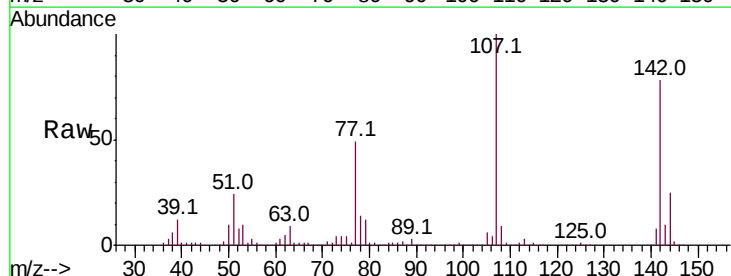


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

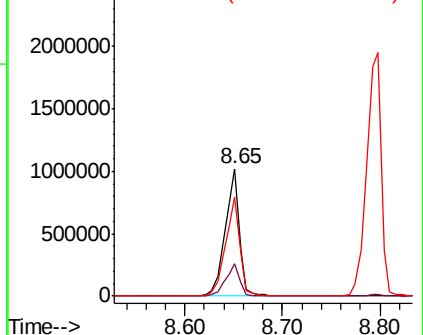
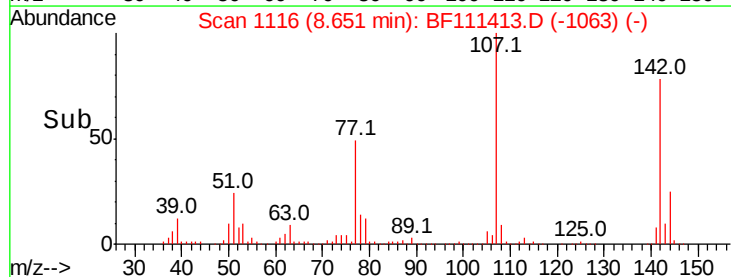


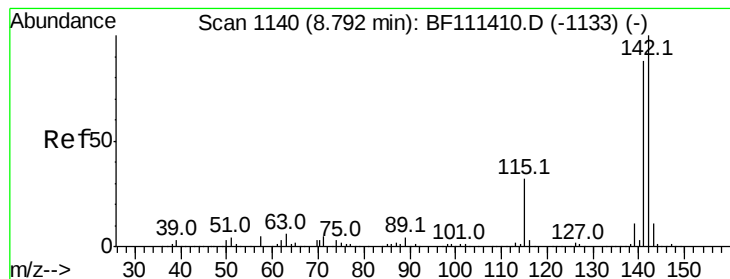
#36
 4-Chloro-3-methylphenol
 Concen: 76.212 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Tgt Ion:107 Resp: 1038304
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.8 29.6
 142 77.8 62.3 93.5



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

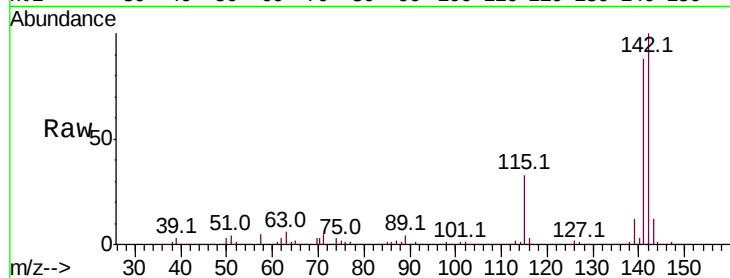




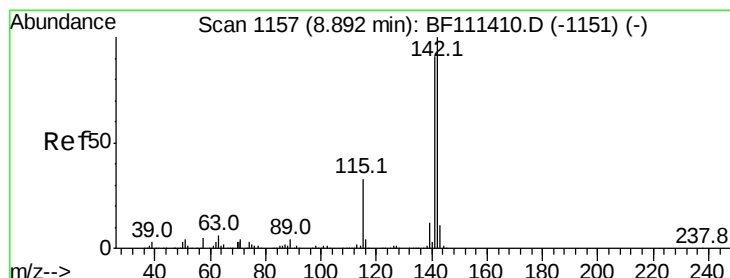
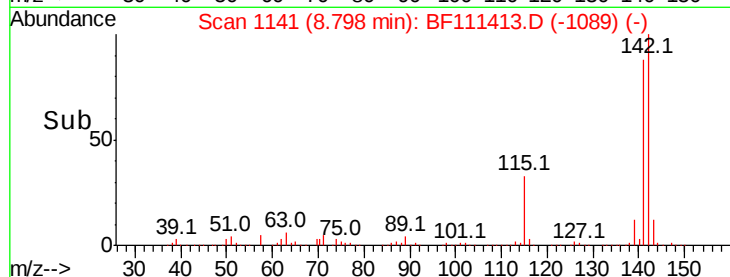
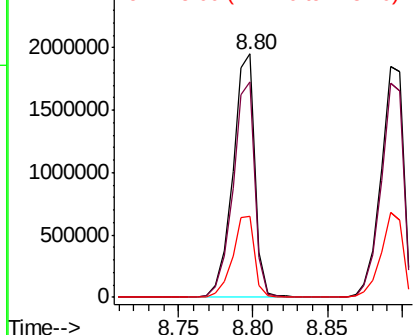
#37
2-Methylnaphthalene
Concen: 74.577 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2018820
Ion Ratio Lower Upper
142 100
141 88.4 70.6 105.8
115 33.2 27.0 40.6

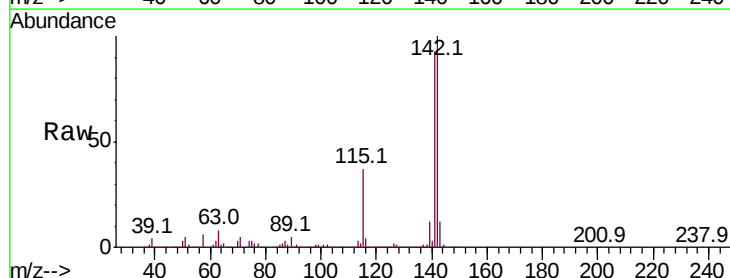


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

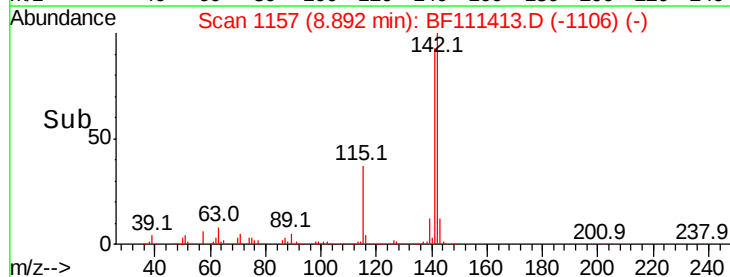
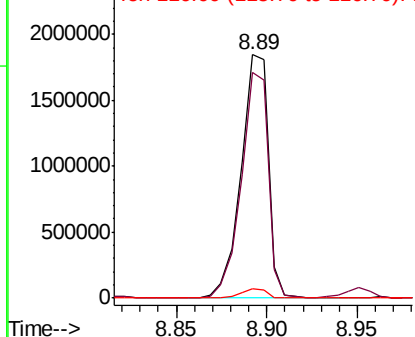


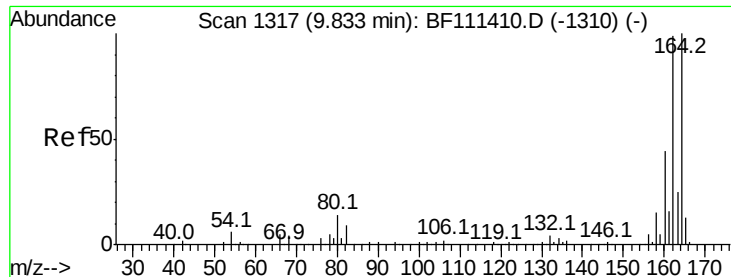
#38
1-Methylnaphthalene
Concen: 73.626 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:142 Resp: 1923611
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.4
116 3.8 2.9 4.3



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

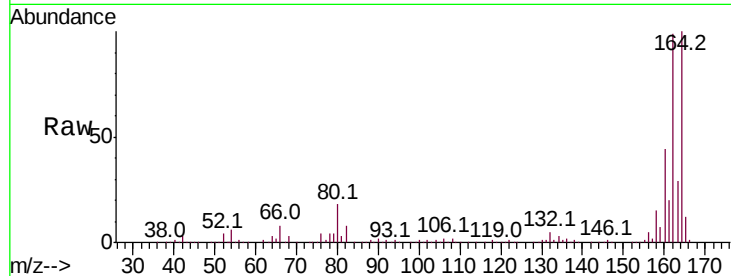




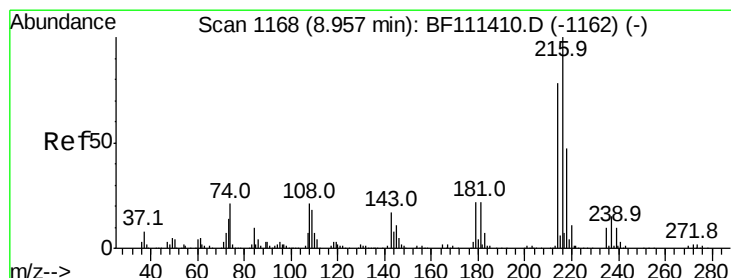
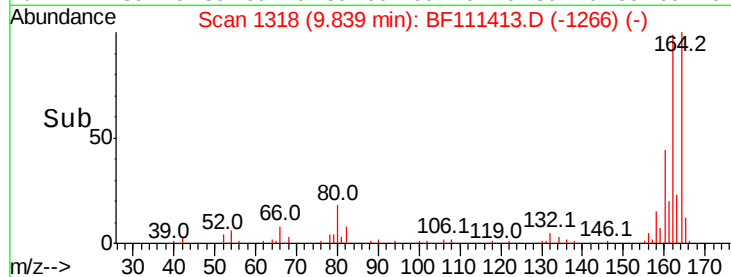
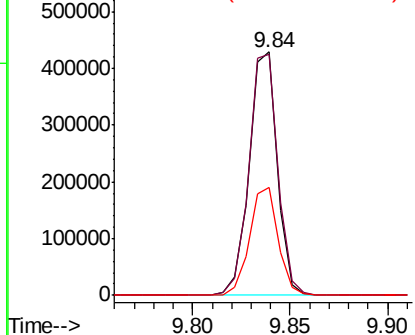
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 427161
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 44.2 35.7 53.5

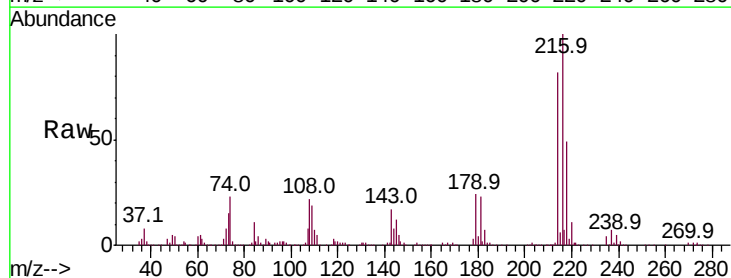


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

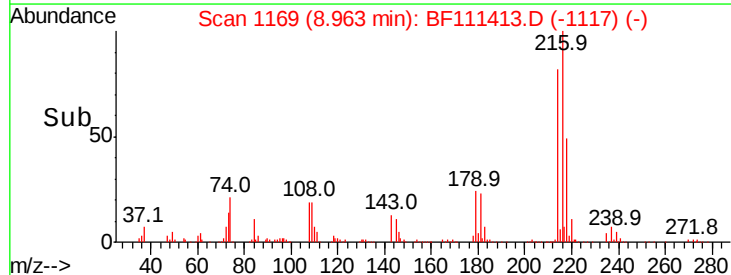
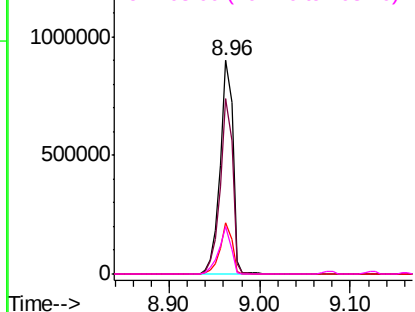


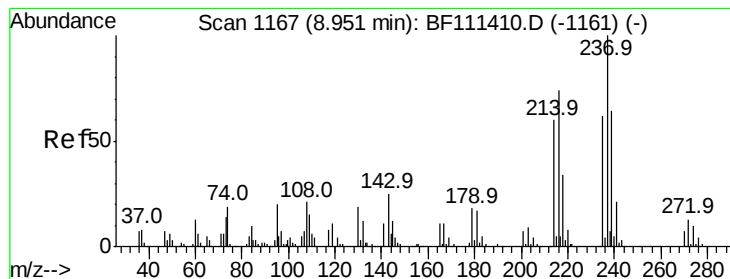
#40
1,2,4,5-Tetrachlorobenzene
Concen: 71.315 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:216 Resp: 856284
Ion Ratio Lower Upper
216 100
214 79.9 63.8 95.8
179 22.7 17.9 26.9
108 21.9 18.4 27.6



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: 82.693 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

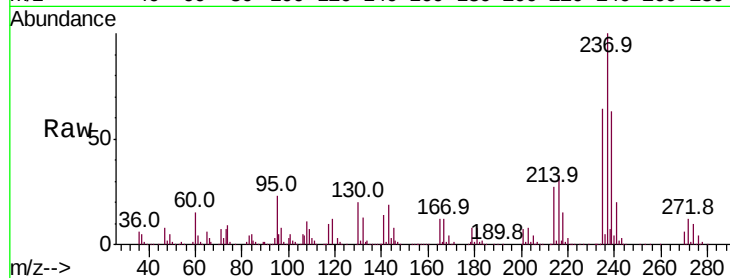
Tot Ion:237 Resp: 518465

Ion Ratio Lower Upper

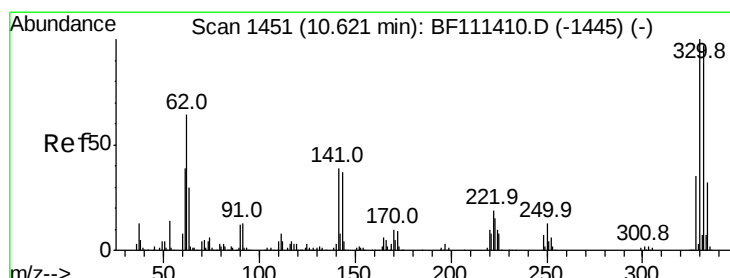
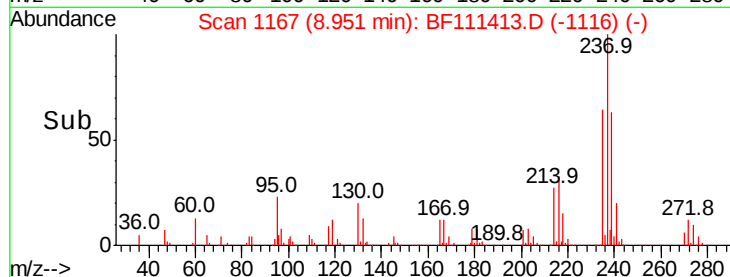
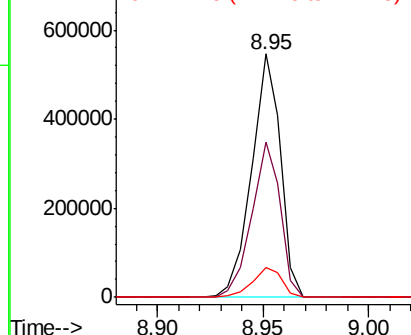
237 100

235 63.9 43.1 83.1

272 12.1 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 148.480 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

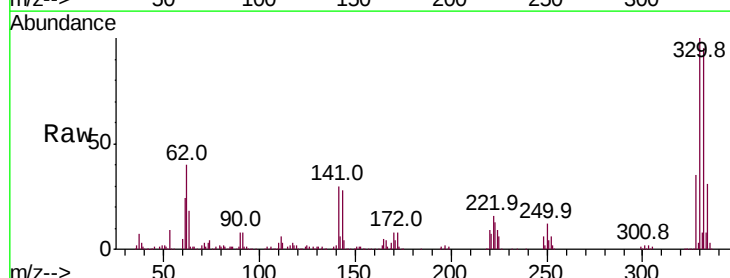
Tgt Ion:330 Resp: 559097

Ion Ratio Lower Upper

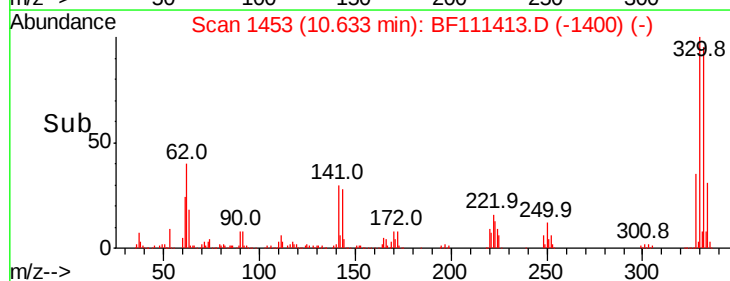
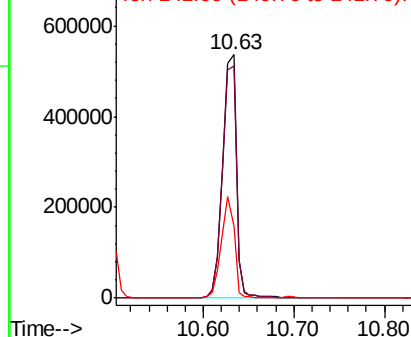
330 100

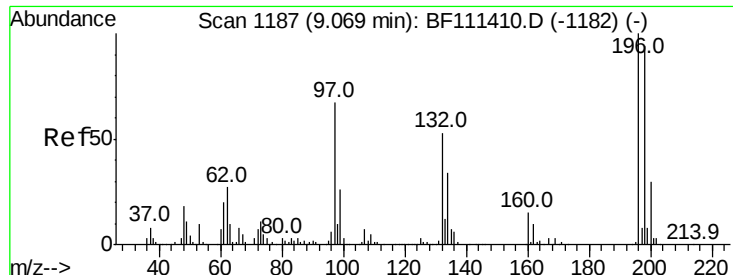
332 97.4 76.0 114.0

141 39.5 31.0 46.6



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

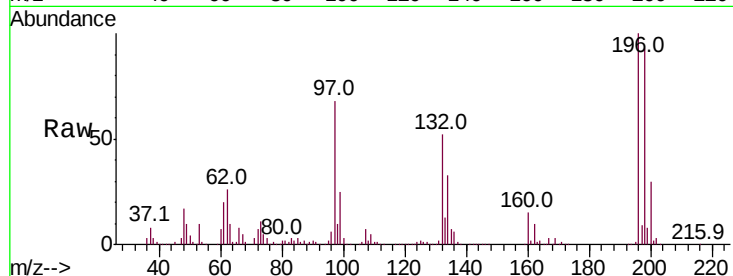




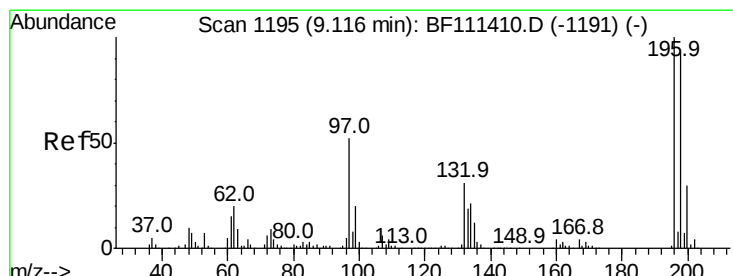
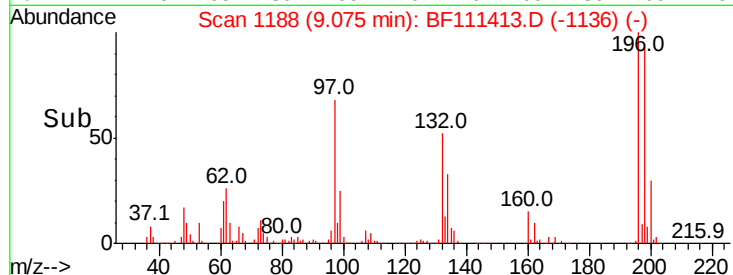
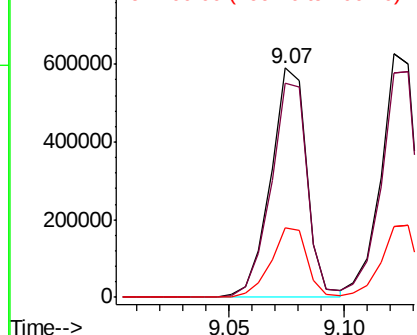
#43
 2,4,6-Trichlorophenol
 Concen: 74.143 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 637189
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.3 114.5
 200 30.4 24.9 37.3

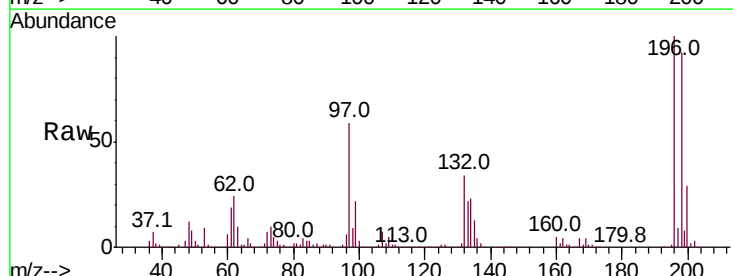


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

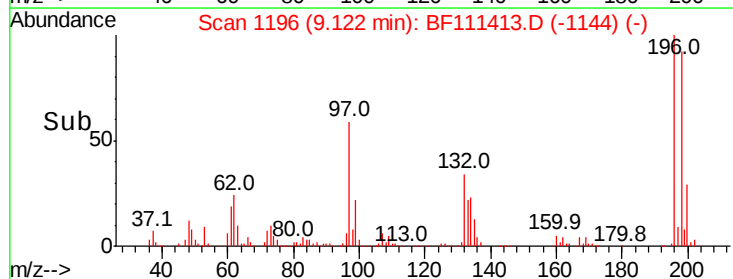
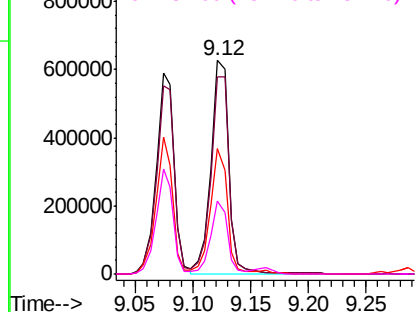


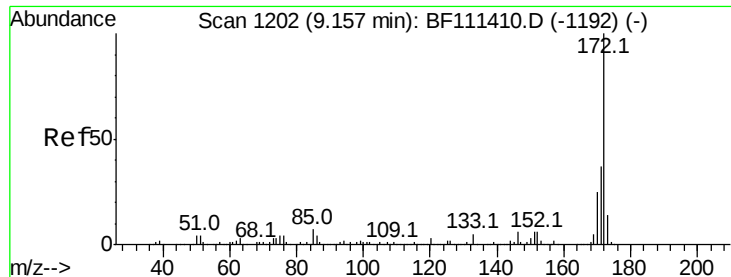
#44
 2,4,5-Trichlorophenol
 Concen: 74.066 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Tgt Ion:196 Resp: 672714
 Ion Ratio Lower Upper
 196 100
 198 92.4 72.9 109.3
 97 58.8 45.3 67.9
 132 34.3 25.5 38.3



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

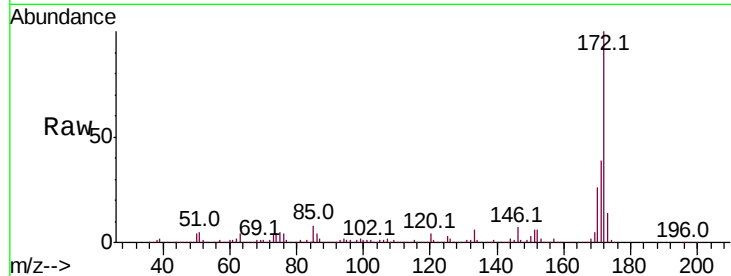




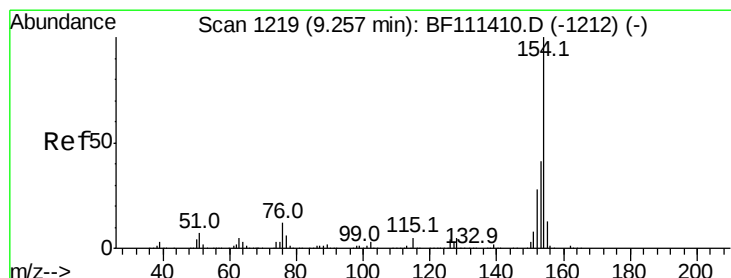
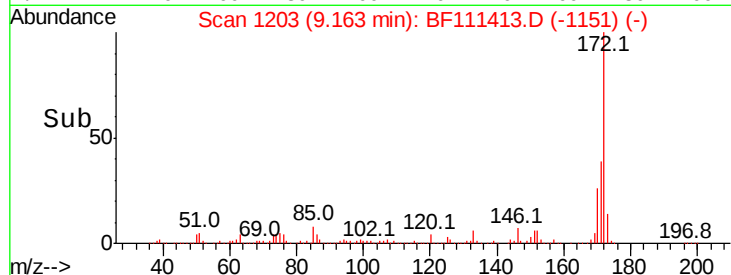
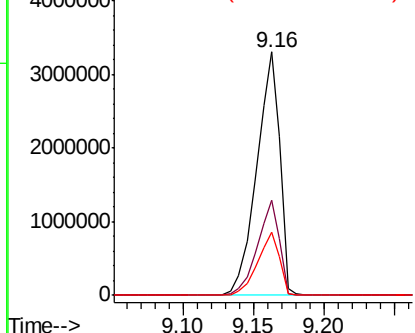
#45
2-Fluorobiphenyl
Concen: 143.442 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3816472
Ion Ratio Lower Upper
172 100
171 38.9 33.0 49.4
170 26.2 22.3 33.5

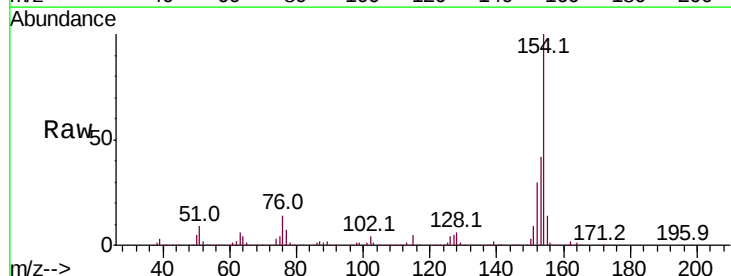


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

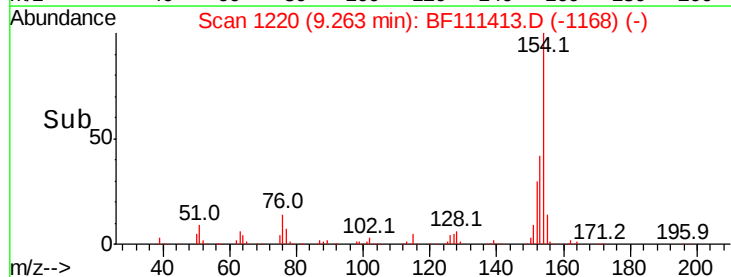
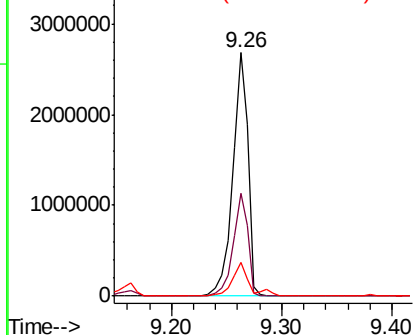


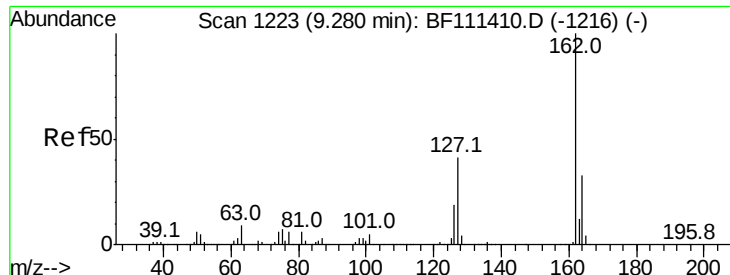
#46
1,1'-Biphenyl
Concen: 70.738 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:154 Resp: 2578125
Ion Ratio Lower Upper
154 100
153 42.1 23.7 63.7
76 13.9 0.0 35.0



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

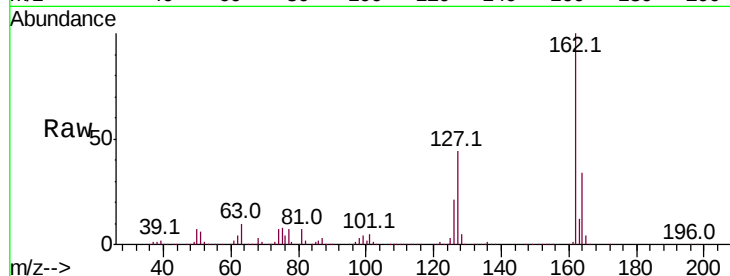




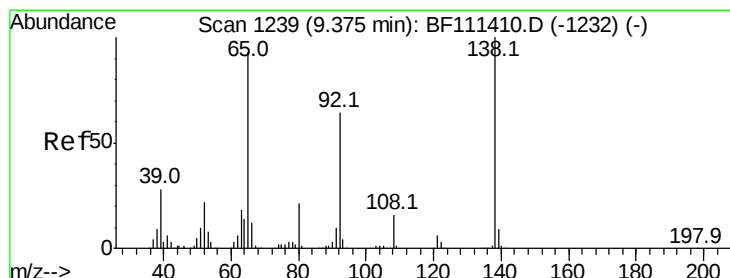
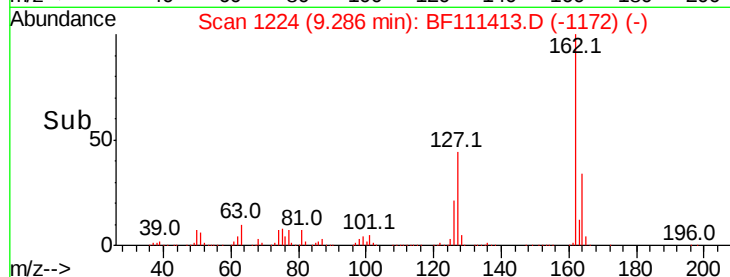
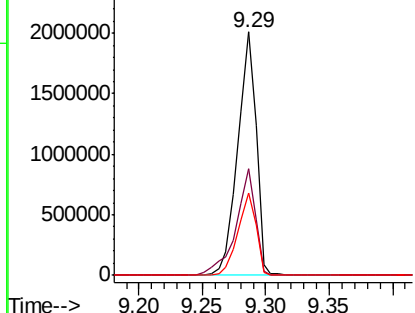
#47
2-Chloronaphthalene
Concen: 71.991 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 2009402
Ion Ratio Lower Upper
162 100
127 43.8 35.0 52.4
164 33.8 28.4 42.6

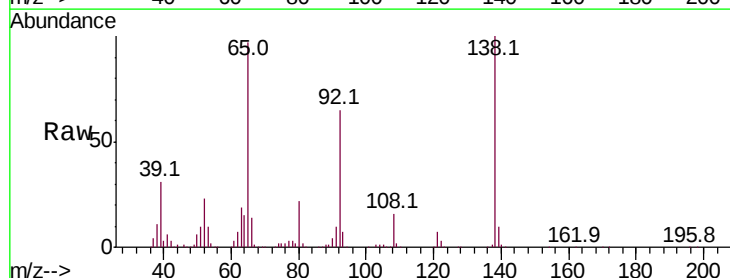


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

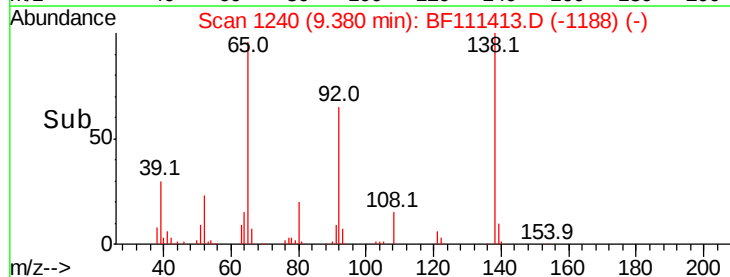
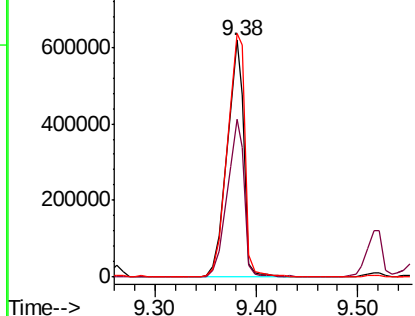


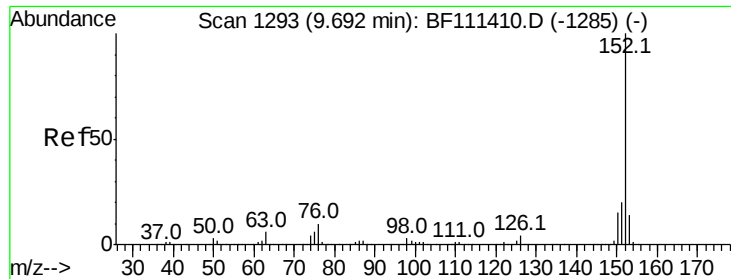
#48
2-Nitroaniline
Concen: 78.382 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion: 65 Resp: 710932
Ion Ratio Lower Upper
65 100
92 66.8 53.5 80.3
138 102.8 80.9 121.3



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: 71.076 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

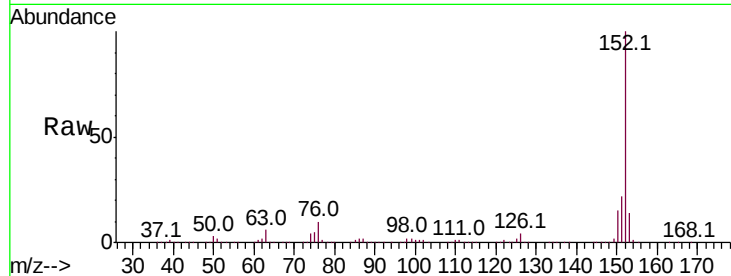
Tot Ion:152 Resp: 2898421

Ion Ratio Lower Upper

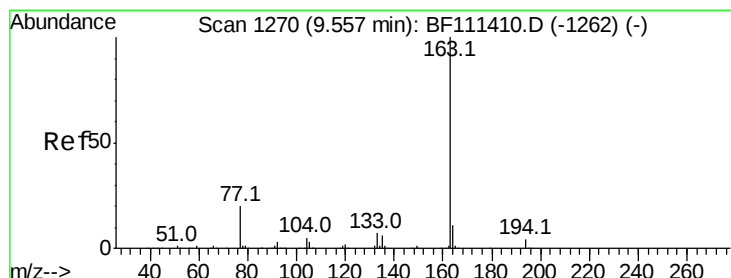
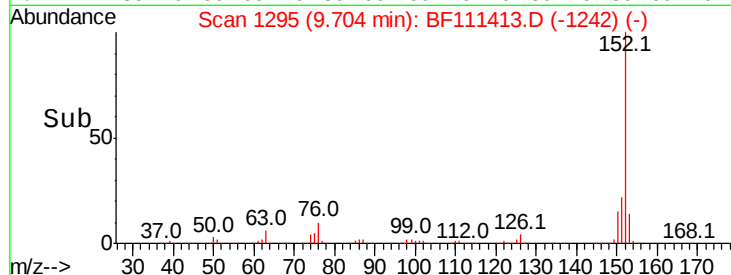
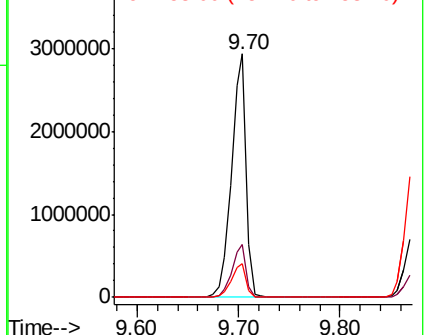
152 100

151 21.7 18.0 27.0

153 13.9 12.3 18.5



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: 75.871 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.02 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

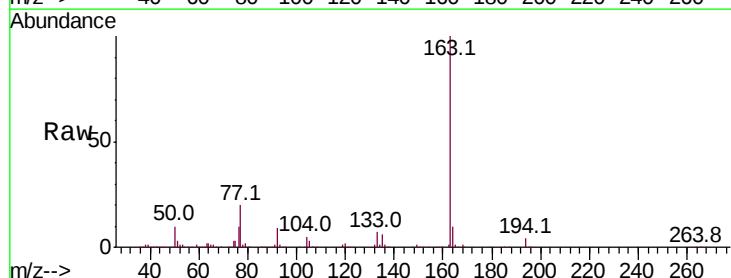
Tgt Ion:163 Resp: 2330566

Ion Ratio Lower Upper

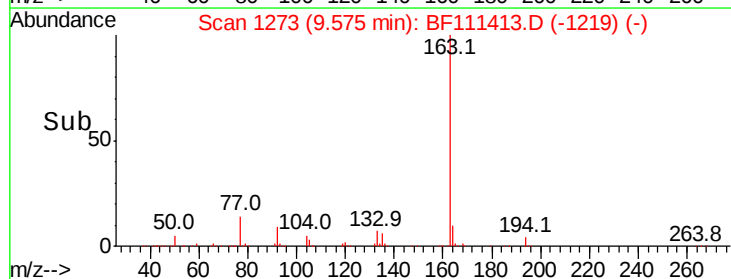
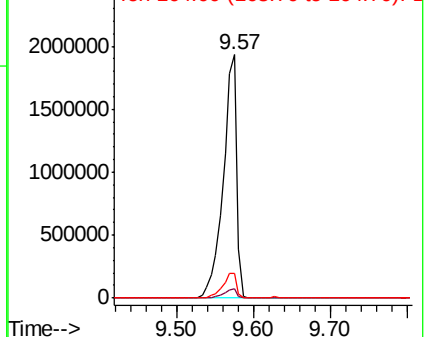
163 100

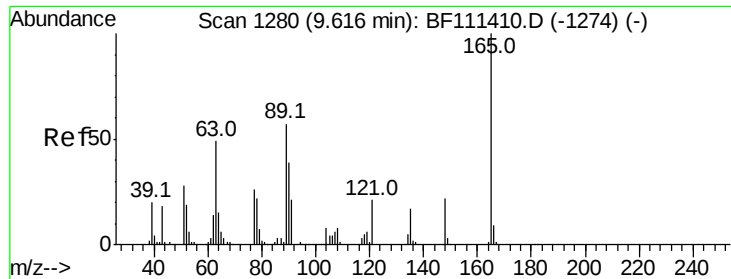
194 4.0 3.0 4.6

164 9.9 8.9 13.3



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

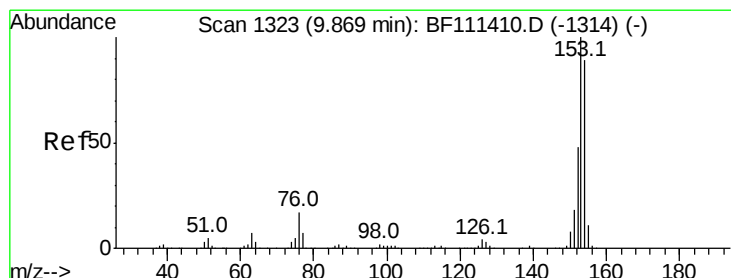
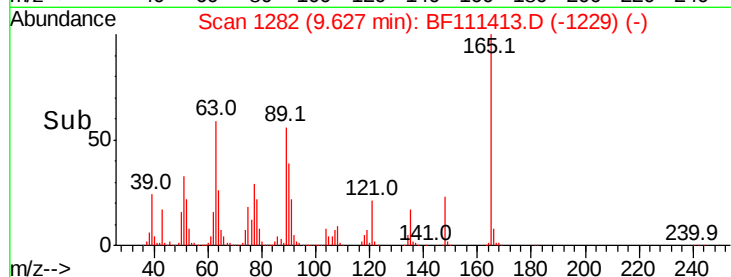
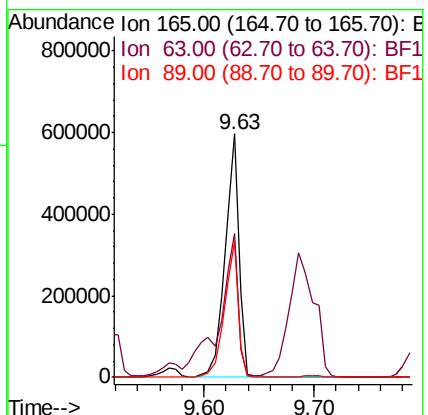
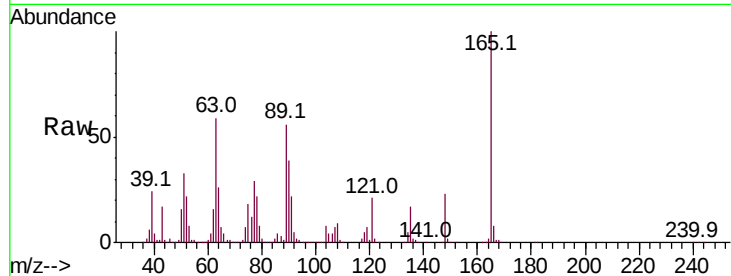




#51
2,6-Dinitrotoluene
Concen: 77.846 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

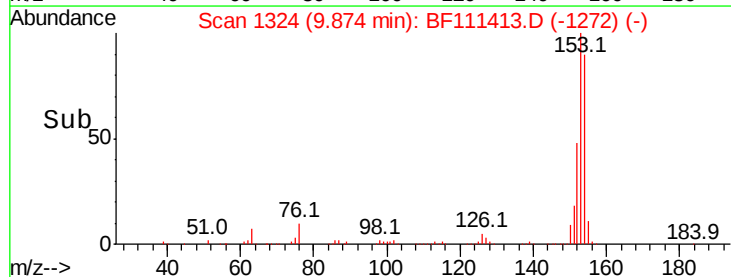
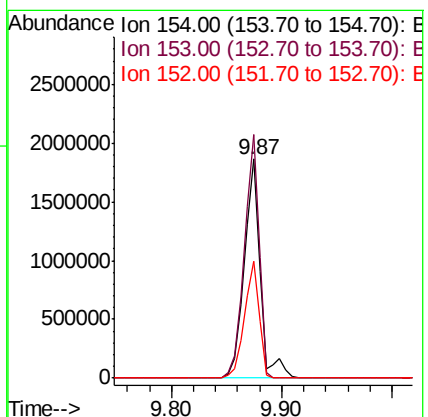
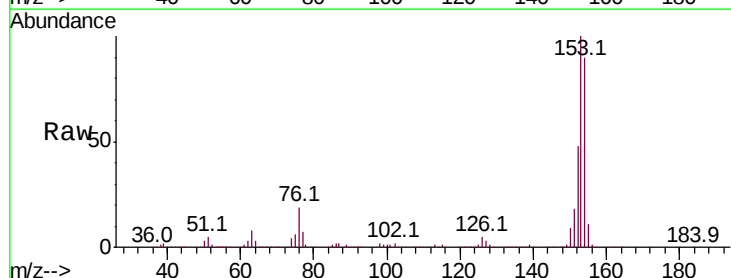
Instrument :
BNA_F
ClientSampleId :

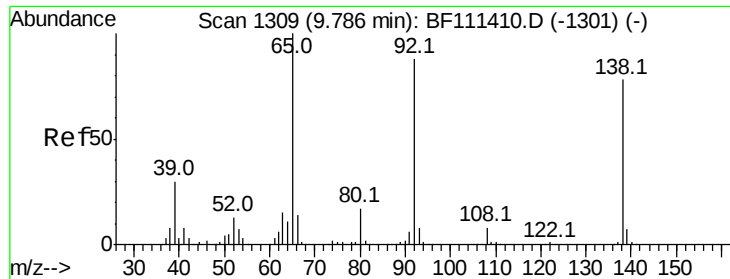
Tot Ion:165 Resp: 530050
Ion Ratio Lower Upper
165 100
63 59.0 40.5 60.7
89 56.0 40.0 60.0



#52
Acenaphthene
Concen: 73.933 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:154 Resp: 1901613
Ion Ratio Lower Upper
154 100
153 111.3 87.8 131.8
152 53.3 43.4 65.2

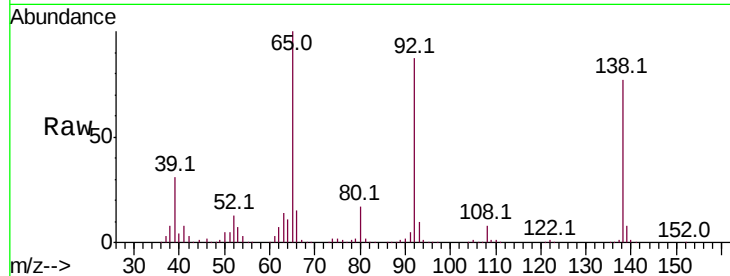




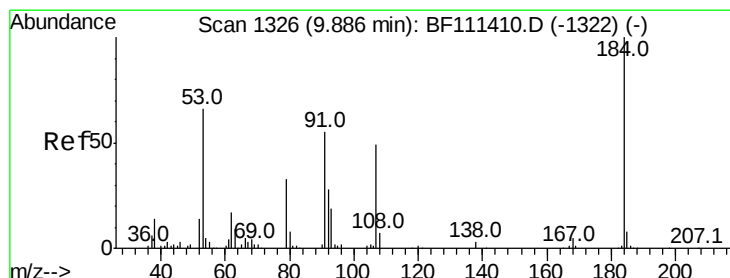
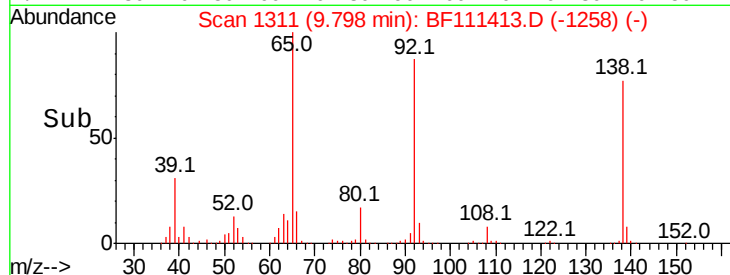
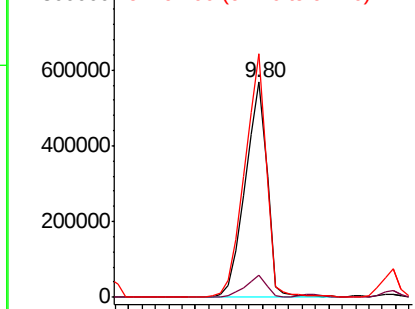
#53
3-Nitroaniline
Concen: 78.452 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 642070
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.4
92 113.1 93.4 140.2

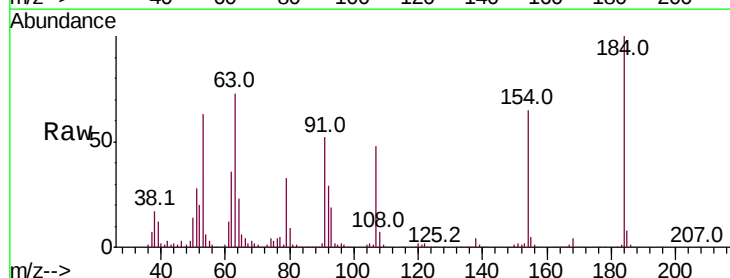


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

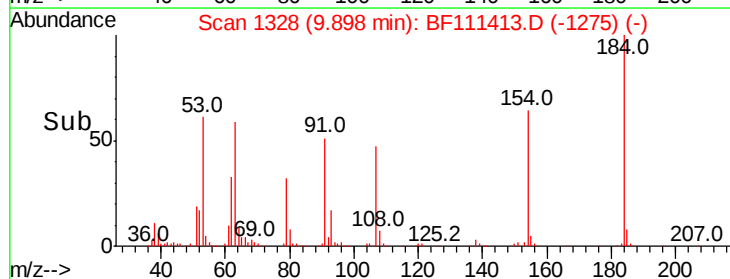
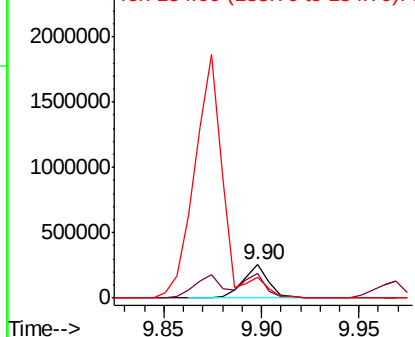


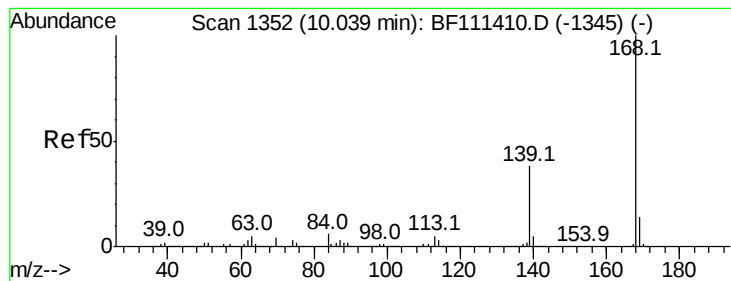
#54
2,4-Dinitrophenol
Concen: 86.346 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:184 Resp: 230661
Ion Ratio Lower Upper
184 100
63 72.8 62.3 93.5
154 64.6 56.2 84.2



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: 71.328 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

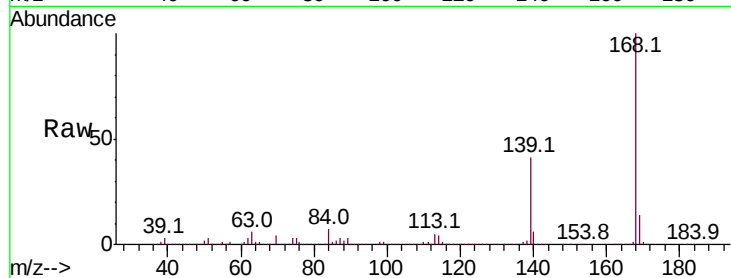
Tot Ion:168 Resp: 2648489

Ion Ratio Lower Upper

168 100

139 41.1 32.6 49.0

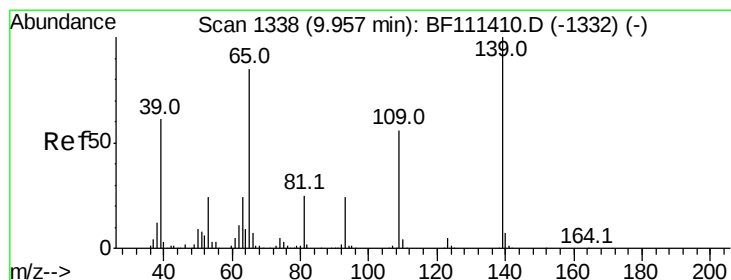
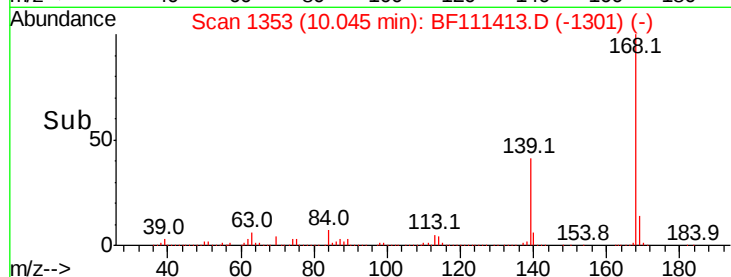
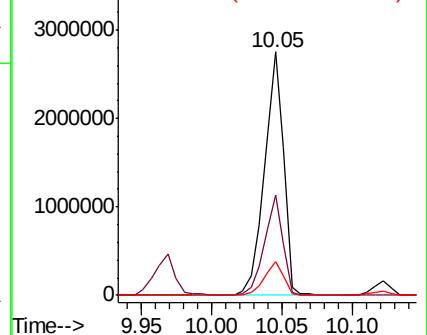
169 14.1 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 80.331 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

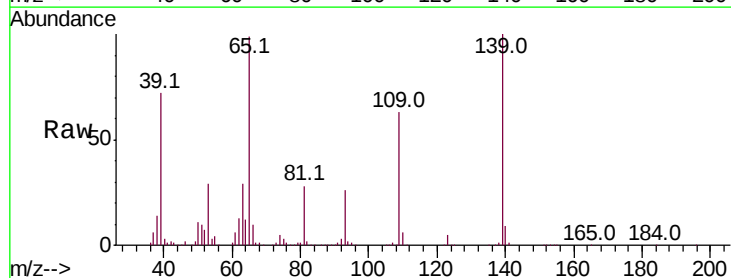
Tgt Ion:139 Resp: 473453

Ion Ratio Lower Upper

139 100

109 63.0 41.8 81.8

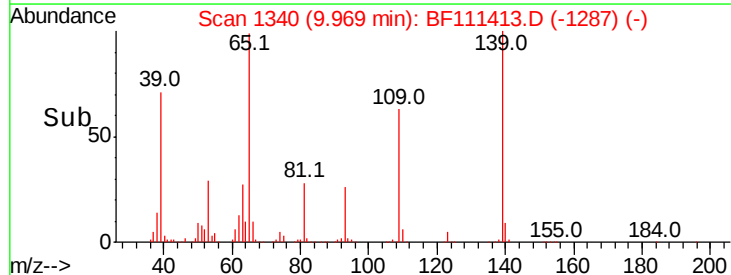
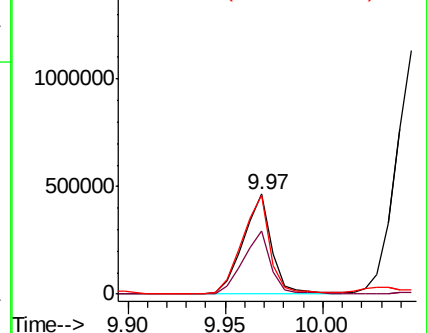
65 99.0 79.6 119.6

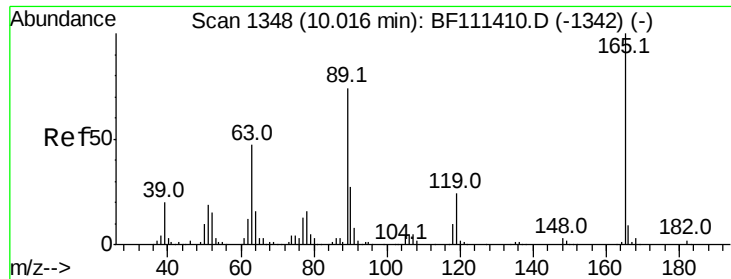


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

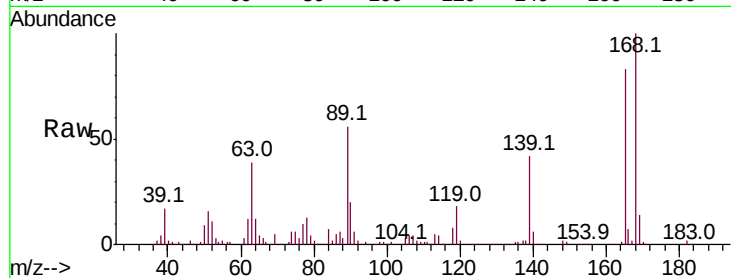




#57
2,4-Dinitrotoluene
Concen: 79.520 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.6	34.6	52.0
89	67.8	56.2	84.4
182	2.4	1.8	2.6



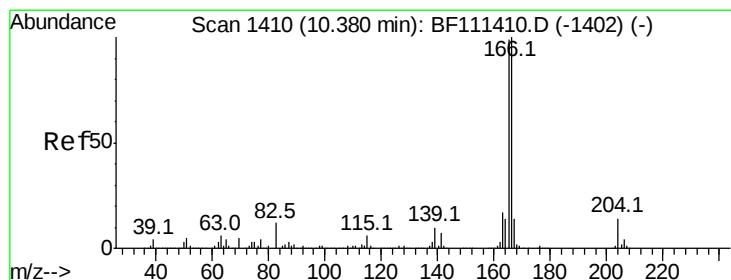
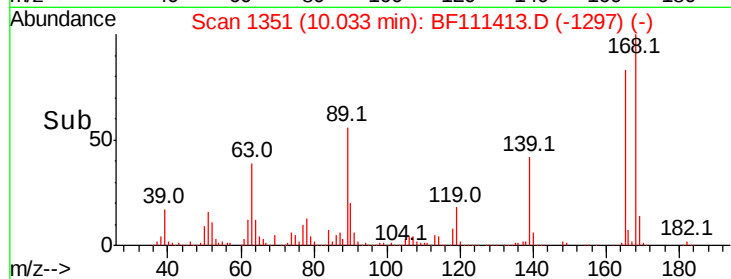
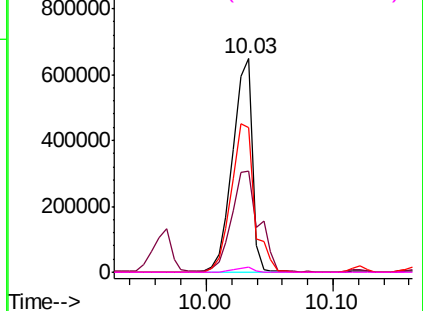
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

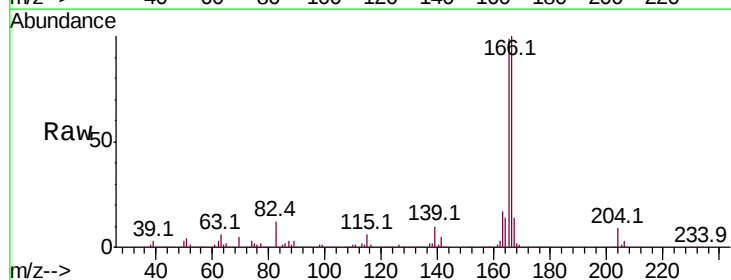
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 72.242 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.4	117.6
167	14.0	11.2	16.8

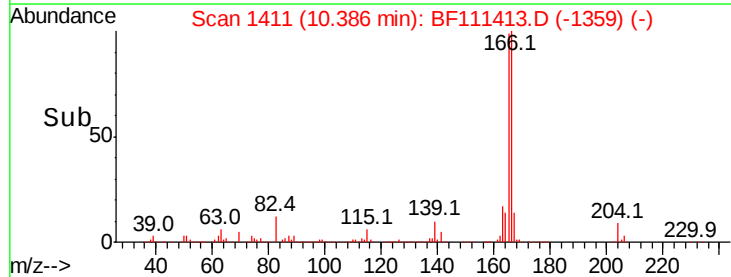
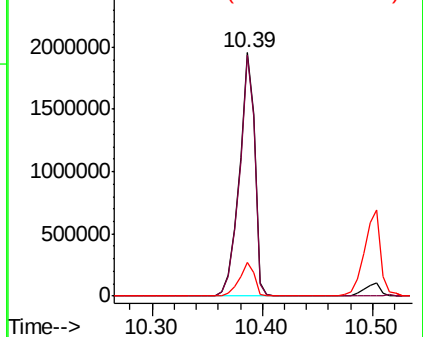


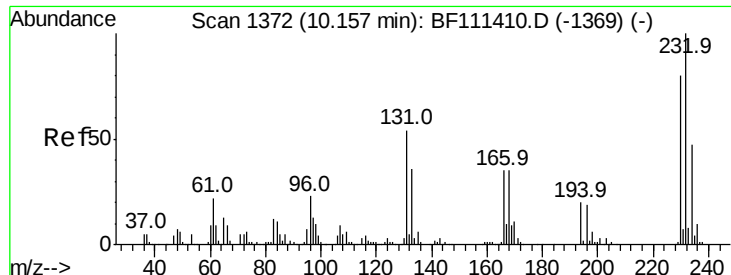
Abundance

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

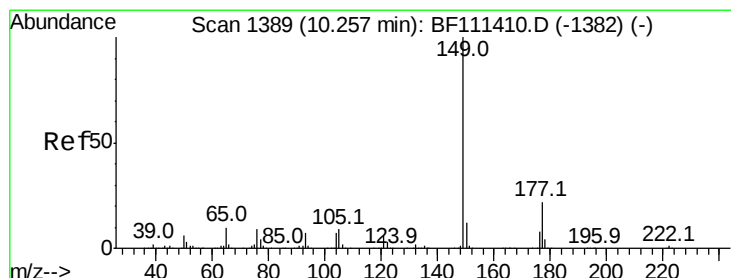
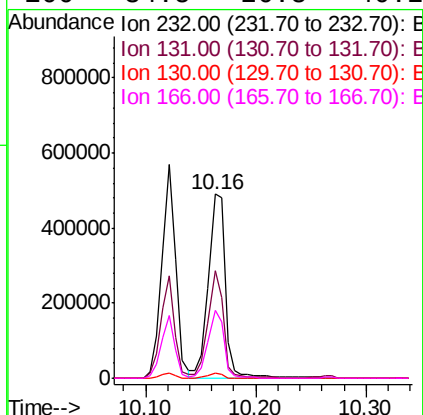
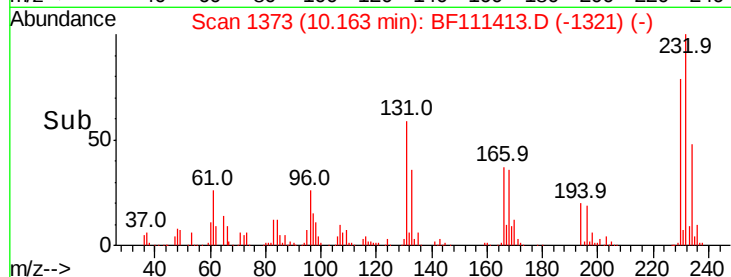
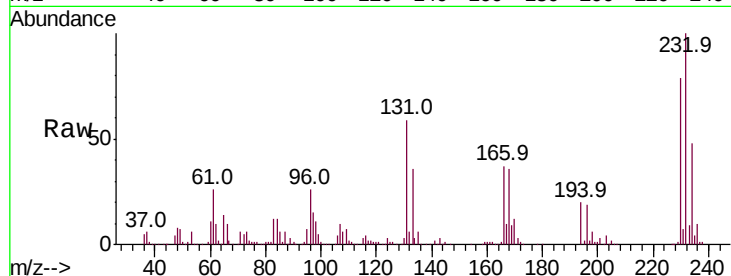




#59
2,3,4,6-Tetrachlorophenol
Concen: 73.144 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

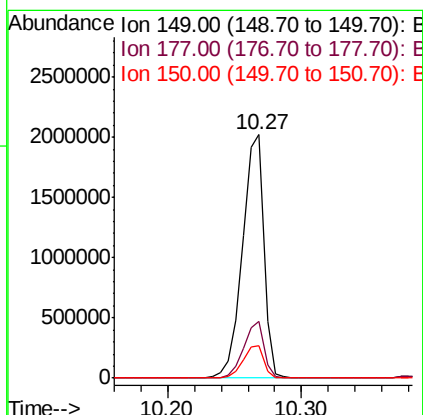
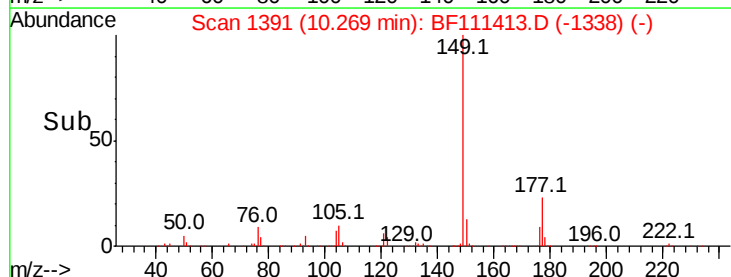
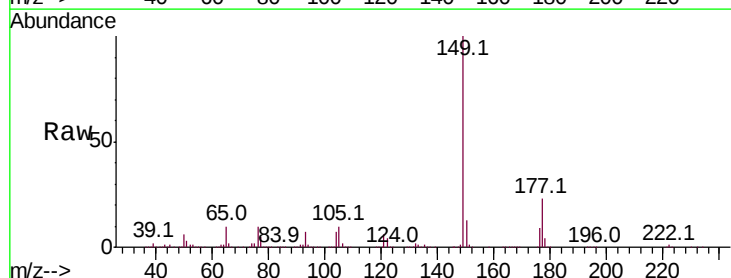
Instrument :
BNA_F
ClientSampleId :

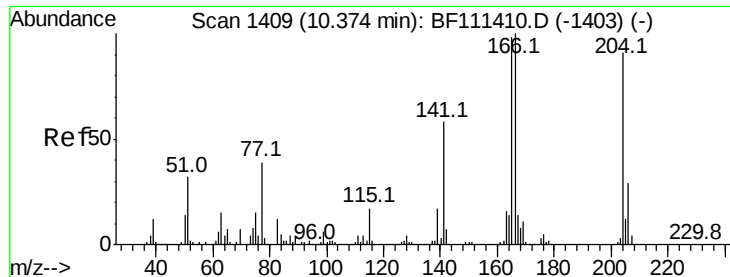
Tot Ion	Ratio	Lower	Upper
232	100		
131	52.5	40.9	61.3
130	2.4	2.0	3.0
166	34.5	26.8	40.2



#60
Diethylphthalate
Concen: 72.342 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	13.3	10.6	15.8

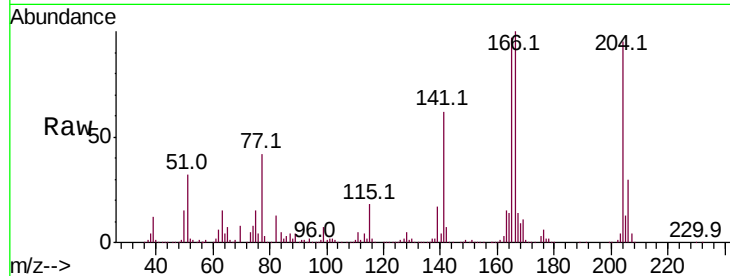




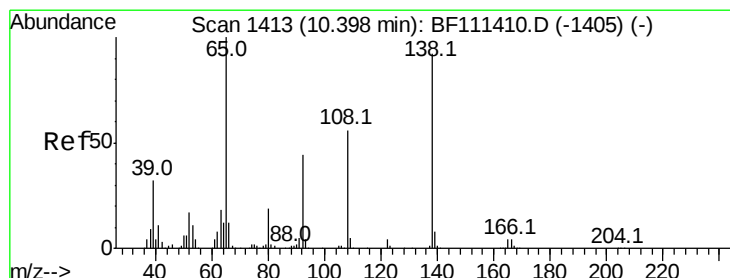
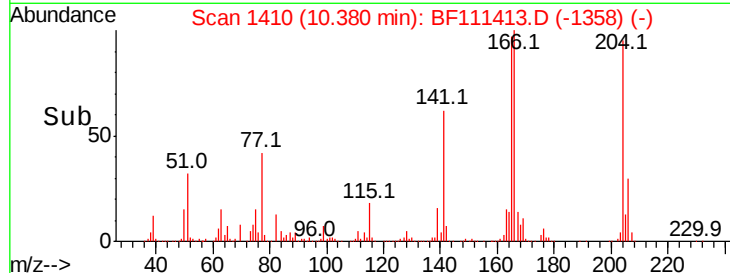
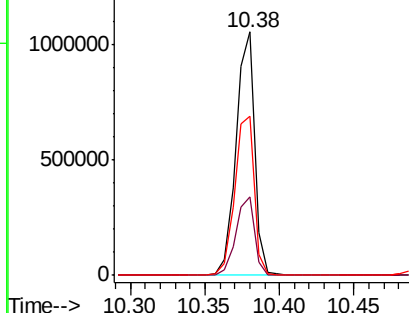
#61
 4-Chlorophenyl-phenylether
 Concen: 70.480 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	65.3	52.6	78.8

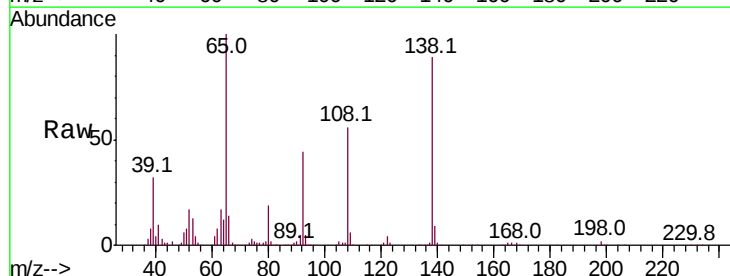


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

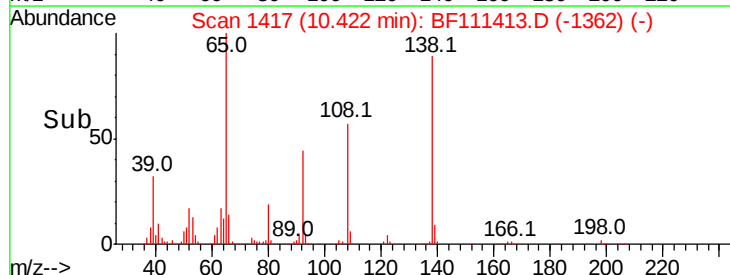
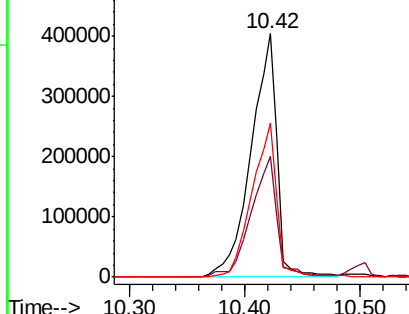


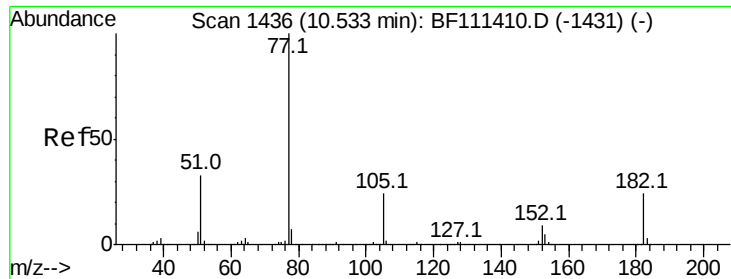
#62
 4-Nitroaniline
 Concen: 80.460 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.02 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	29.9	69.9
108	63.3	43.2	83.2



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: 71.188 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2219667

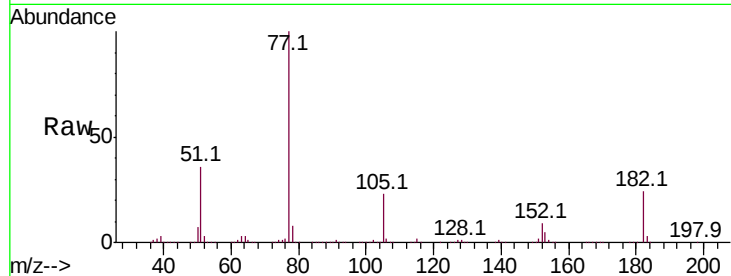
Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.9	44.9
105	23.5	6.0	46.0
51	35.7	14.7	54.7

77 100

182 23.9 4.9 44.9

105 23.5 6.0 46.0

51 35.7 14.7 54.7



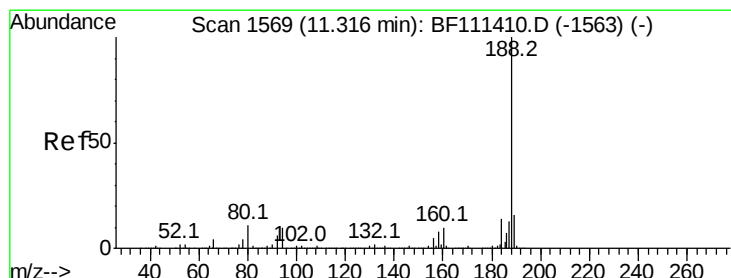
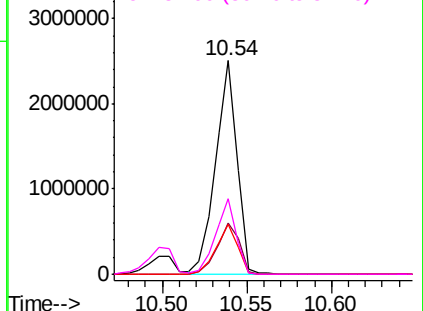
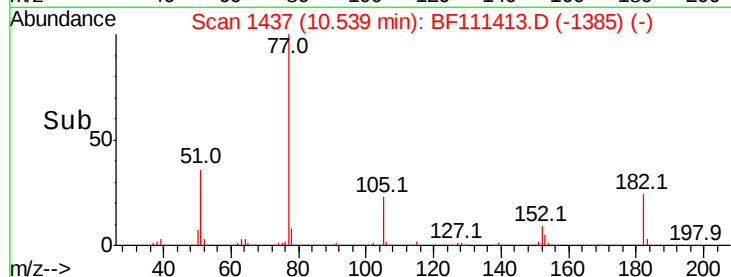
Abundance

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: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

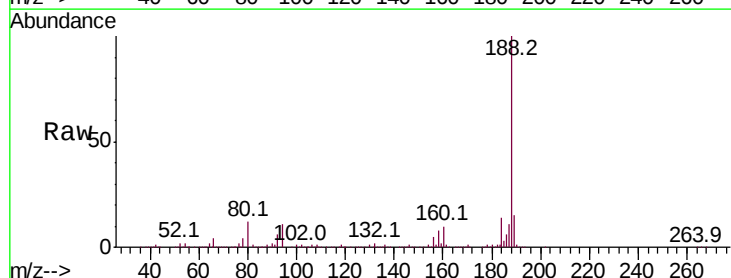
Tgt Ion: 188 Resp: 755496

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.6	14.4
80	11.6	9.8	14.6

188 100

94 10.8 9.6 14.4

80 11.6 9.8 14.6

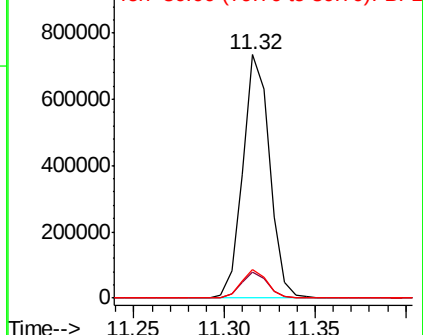
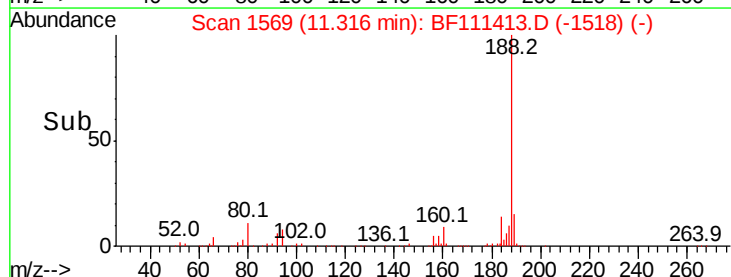


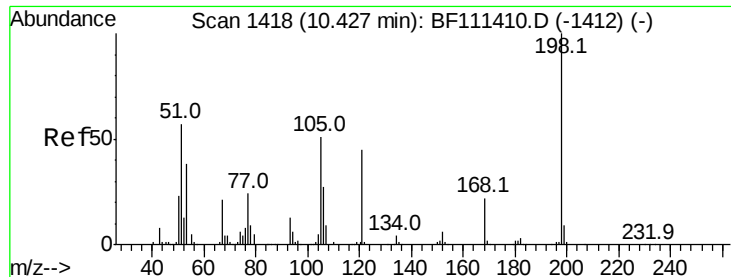
Abundance

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

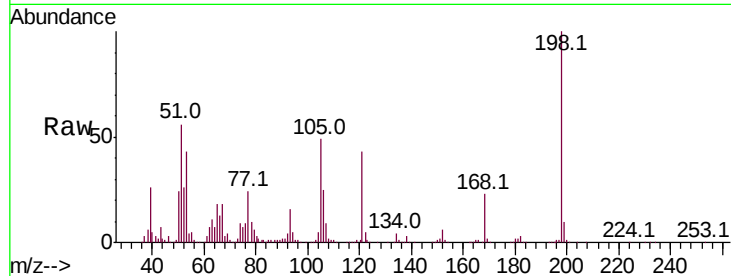




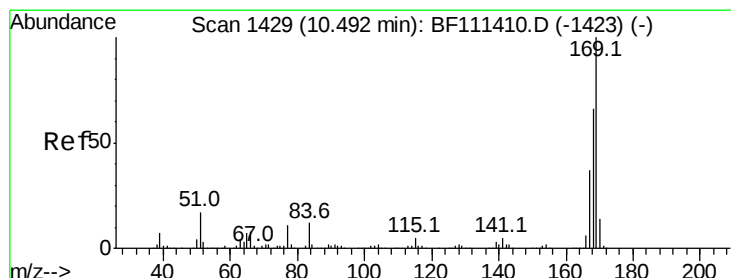
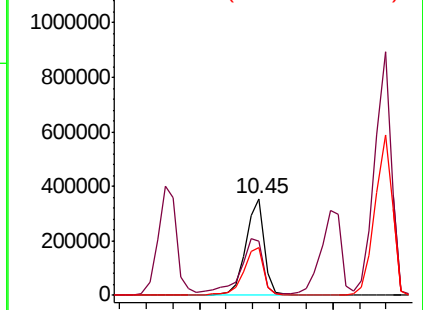
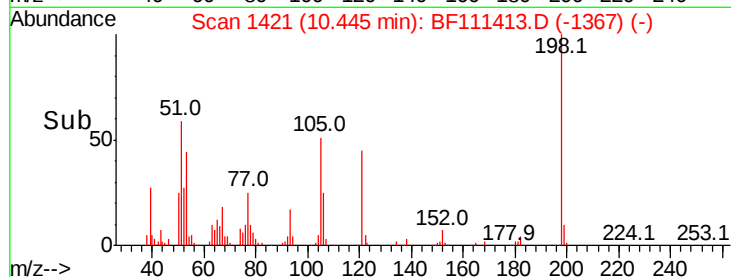
#65
 4,6-Dinitro-2-methylphenol
 Concen: 78.260 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.02 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 339440
 Ion Ratio Lower Upper
 198 100
 51 55.9 48.0 88.0
 105 48.9 34.0 74.0

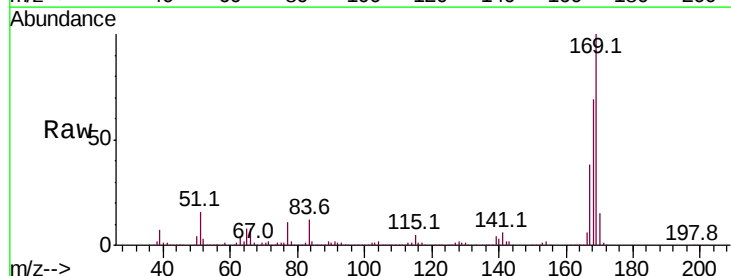


Abundance Ion 198.00 (197.70 to 198.70): E
 1200000 Ion 51.00 (50.70 to 51.70): BF1
 1000000 Ion 105.00 (104.70 to 105.70): E

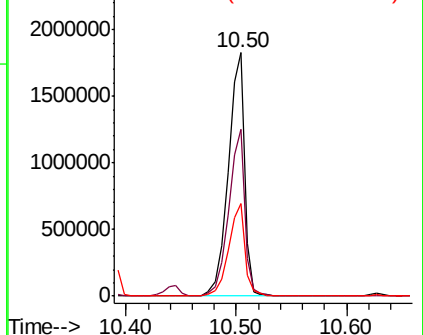
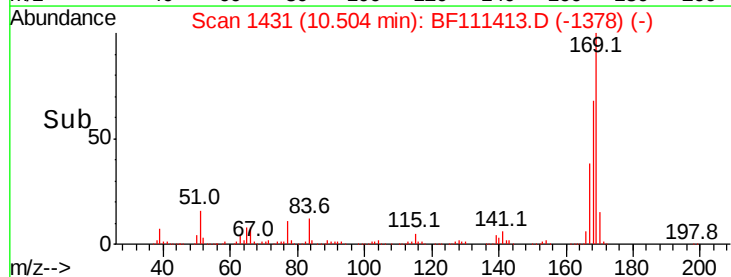


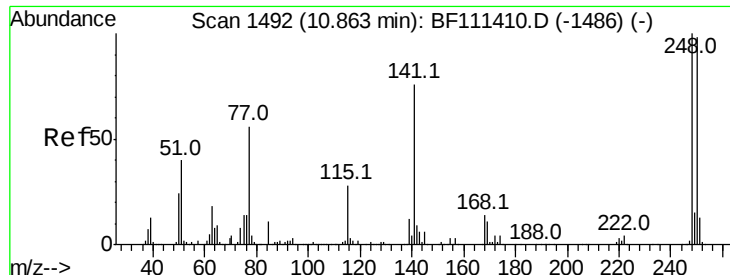
#66
 n-Nitrosodiphenylamine
 Concen: 70.110 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Tgt Ion:169 Resp: 1884162
 Ion Ratio Lower Upper
 169 100
 168 68.5 54.4 81.6
 167 37.8 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E
 2500000 Ion 168.00 (167.70 to 168.70): E
 2000000 Ion 167.00 (166.70 to 167.70): E

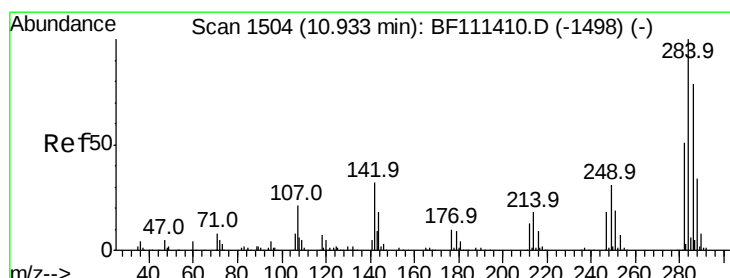
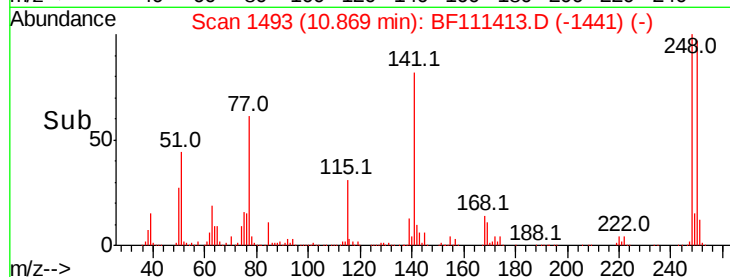
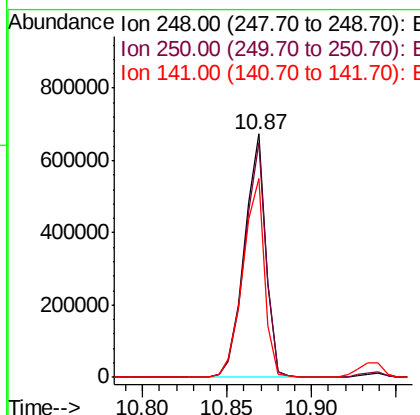
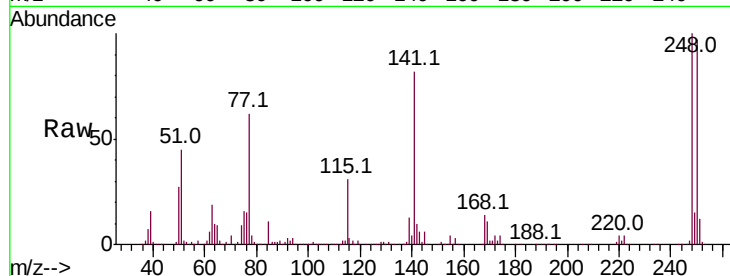




#67
4-Bromophenyl-phenylether
Concen: 71.326 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

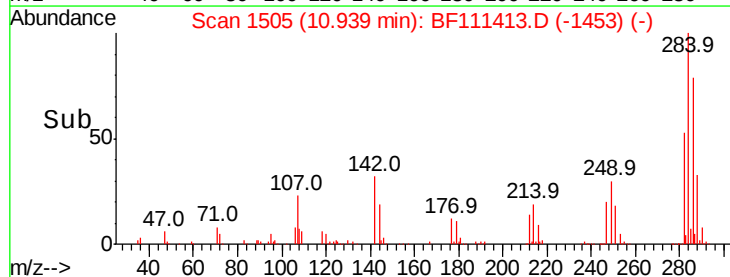
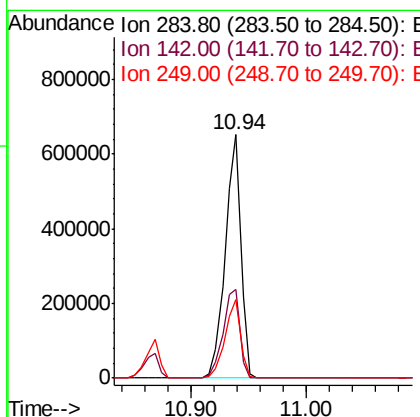
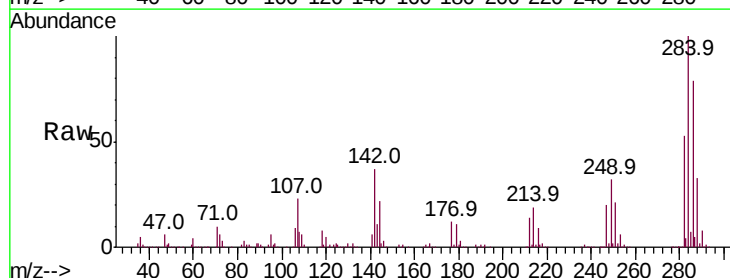
Instrument :
BNA_F
ClientSampleId :

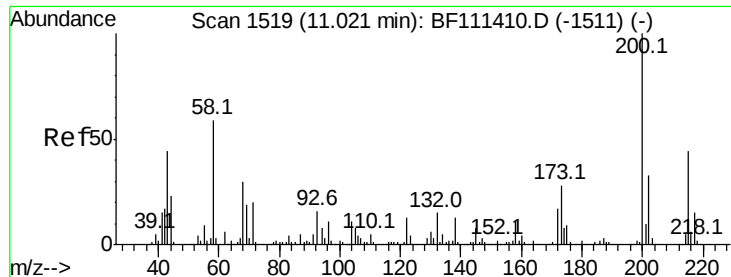
Tot Ion:248 Resp: 599893
Ion Ratio Lower Upper
248 100
250 96.5 77.0 115.4
141 81.8 63.0 94.6



#68
Hexachlorobenzene
Concen: 70.673 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:284 Resp: 612058
Ion Ratio Lower Upper
284 100
142 36.6 27.4 41.2
249 32.1 24.4 36.6

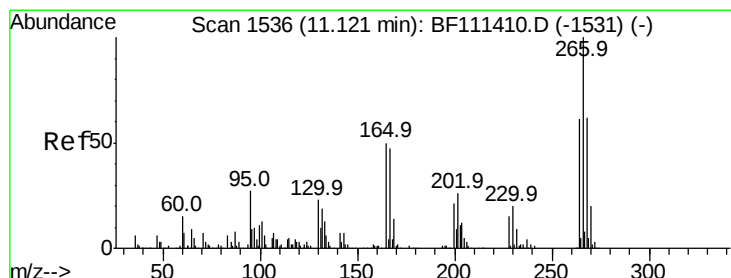
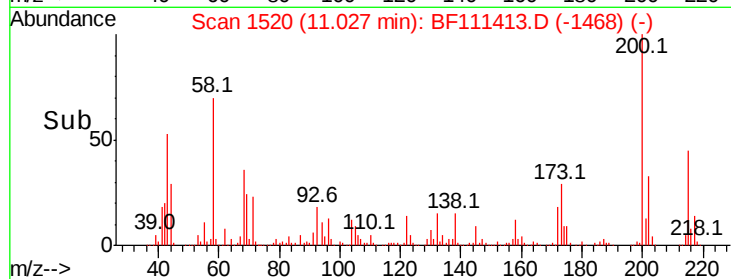
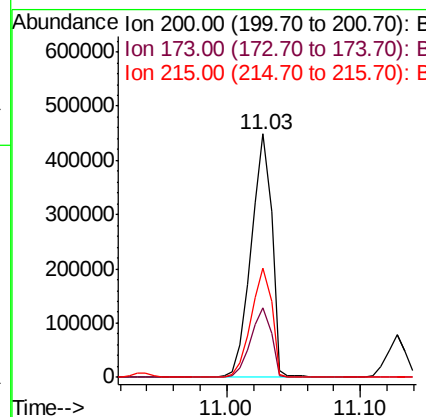
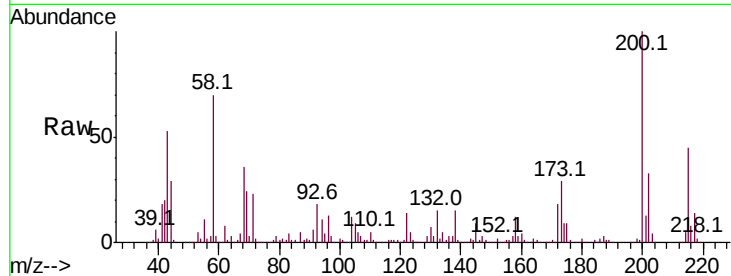




#69
Atrazine
Concen: 61.181 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

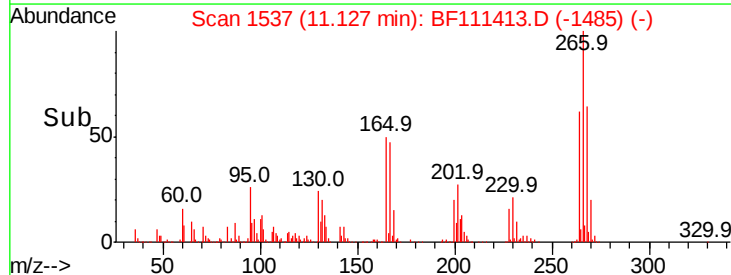
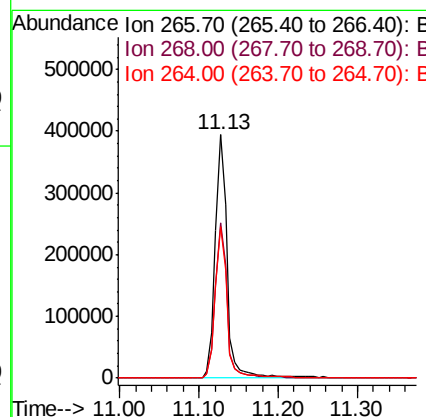
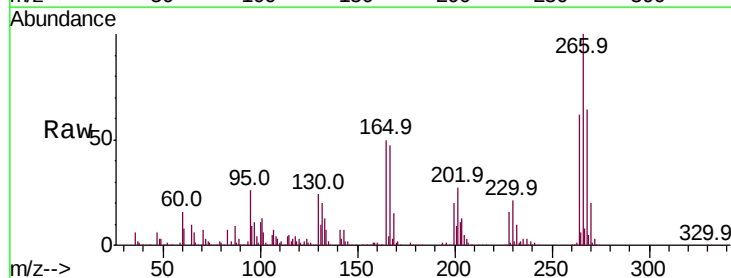
Instrument :
BNA_F
ClientSampleId :

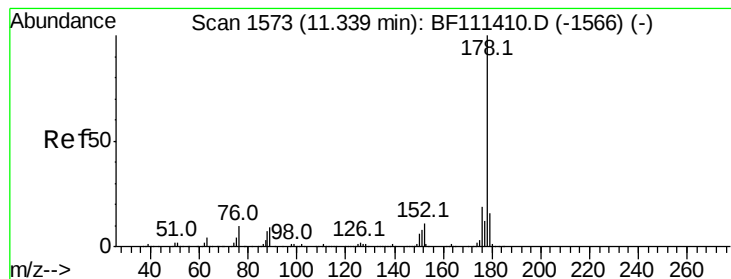
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	10.1	50.1
215	44.6	26.9	66.9



#70
Pentachlorophenol
Concen: 72.282 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	47.9	71.9
264	62.5	49.1	73.7





#71

Phenanthrene

Concen: 71.132 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

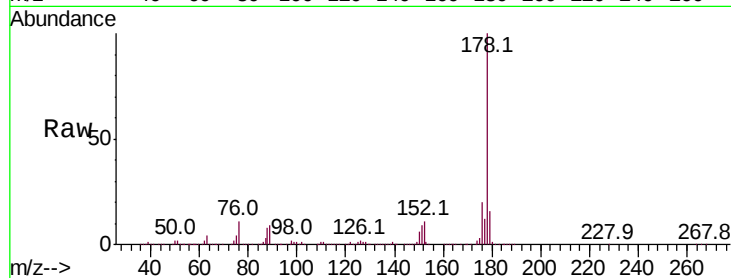
Tot Ion:178 Resp: 2777694

Ion Ratio Lower Upper

178 100

176 20.4 18.1 27.1

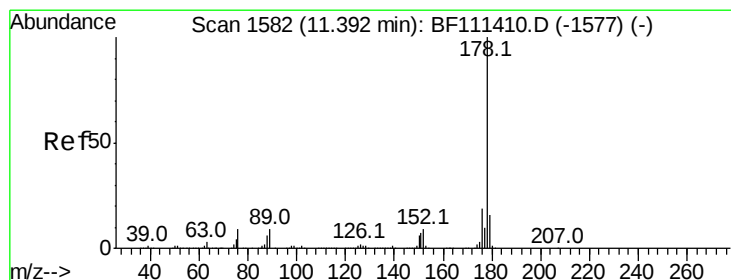
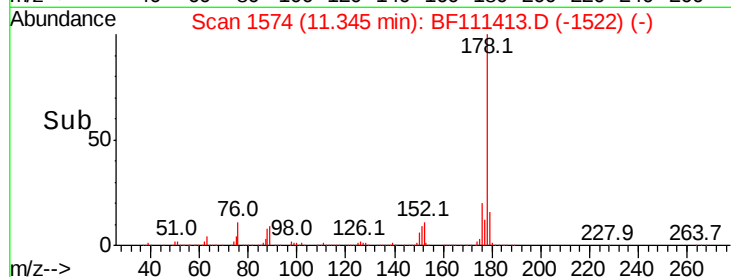
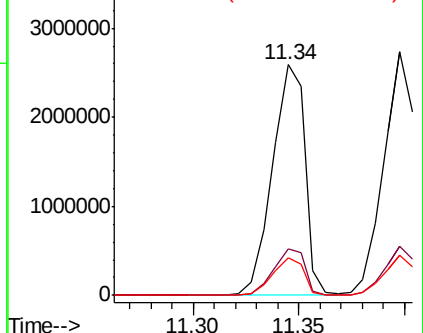
179 16.5 14.0 21.0



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: 70.560 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

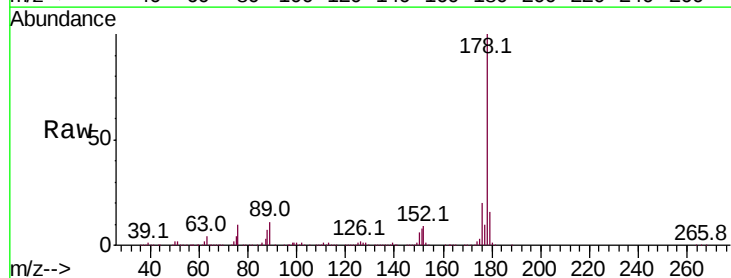
Tgt Ion:178 Resp: 2805611

Ion Ratio Lower Upper

178 100

176 20.2 17.2 25.8

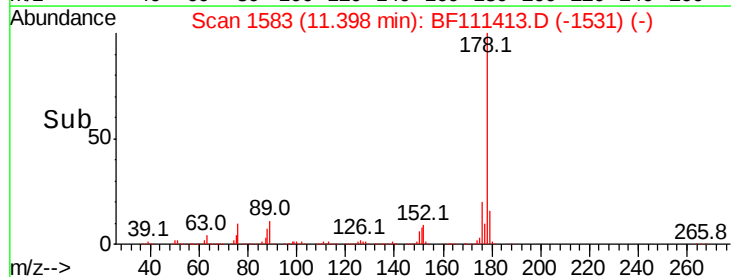
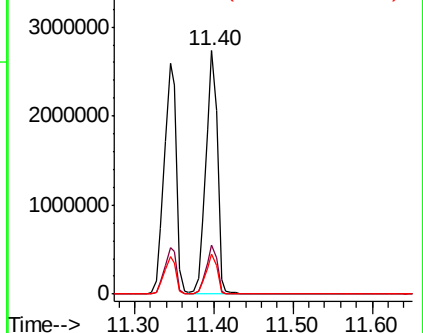
179 16.4 13.8 20.8

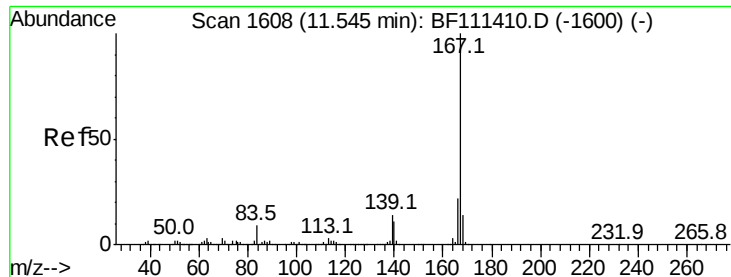


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

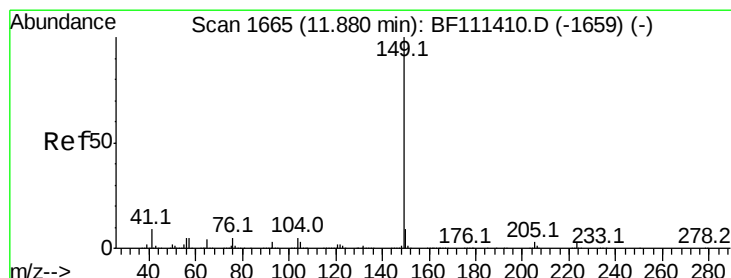
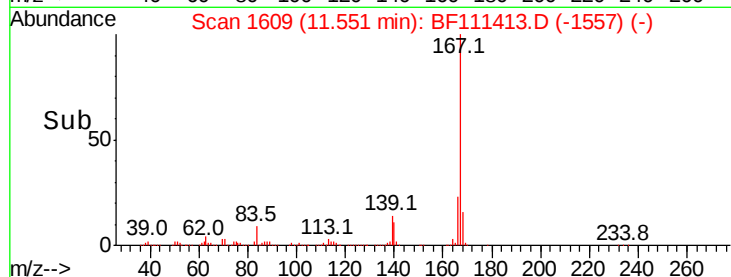
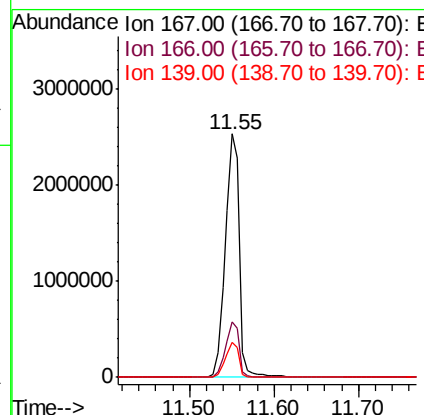
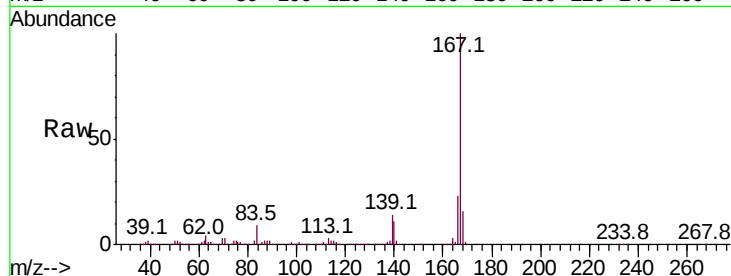




#73
 Carbazole
 Concen: 71.534 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

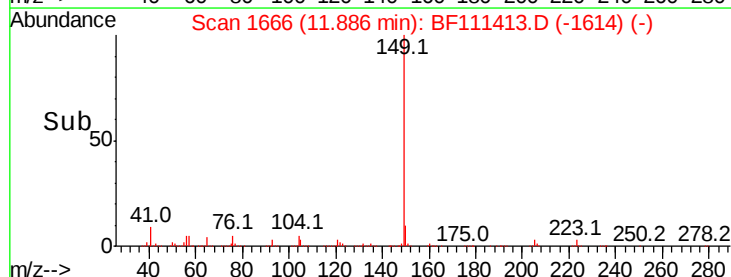
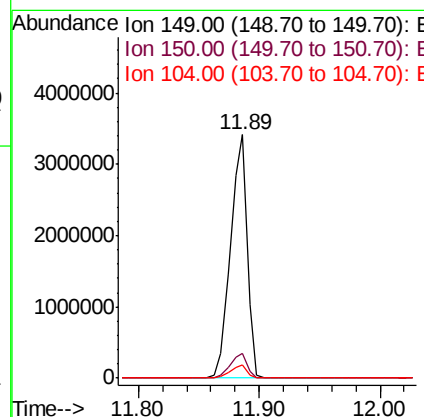
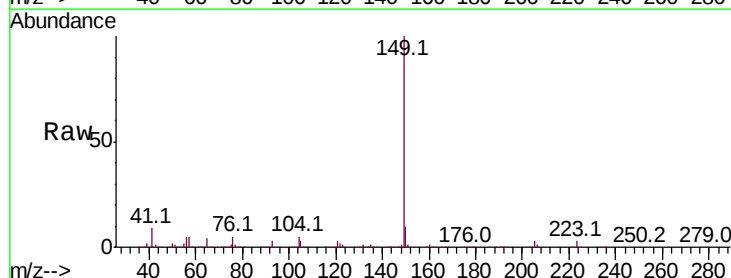
Instrument :
 BNA_F
 ClientSampleId :

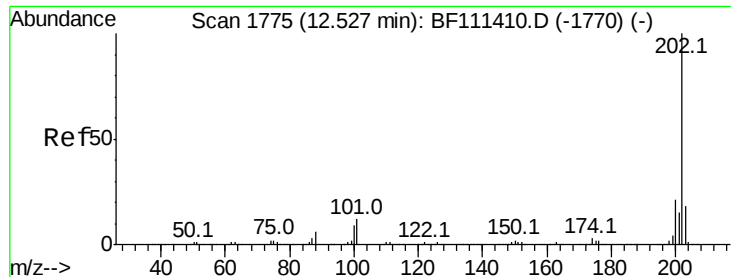
Tot Ion:167 Resp: 2941011
 Ion Ratio Lower Upper
 167 100
 166 22.7 19.3 28.9
 139 14.1 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 69.459 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Tgt Ion:149 Resp: 3251538
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.8 13.2
 104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 72.243 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

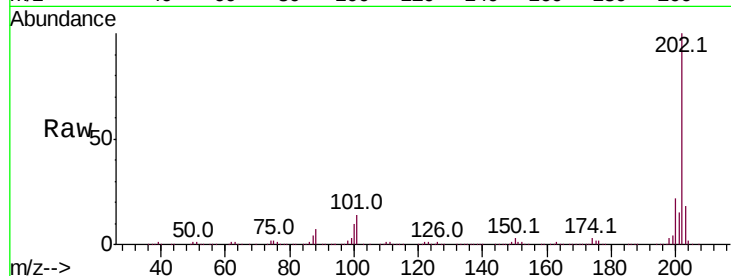
Tot Ion:202 Resp: 2753999

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.8

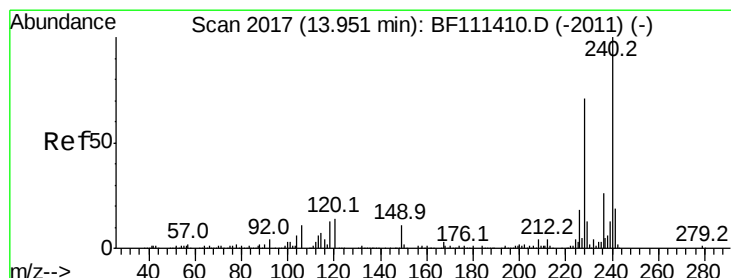
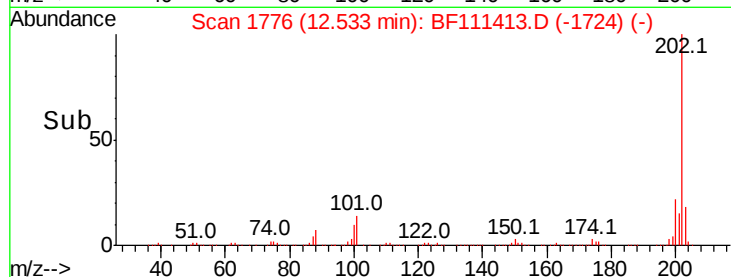
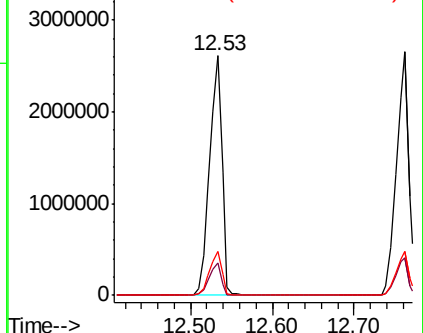
203 18.4 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

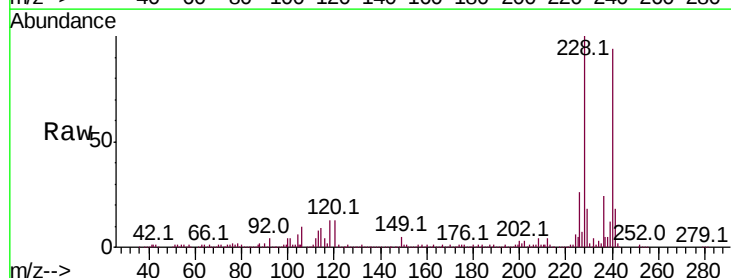
Tgt Ion:240 Resp: 497173

Ion Ratio Lower Upper

240 100

120 14.4 12.2 18.2

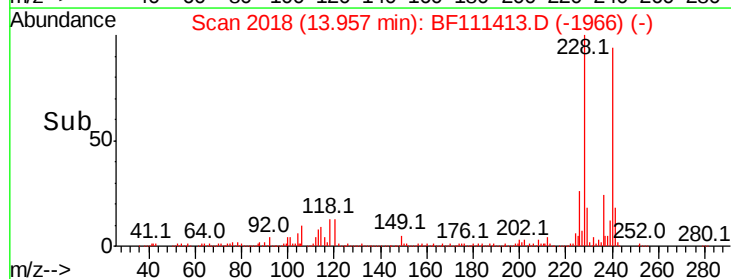
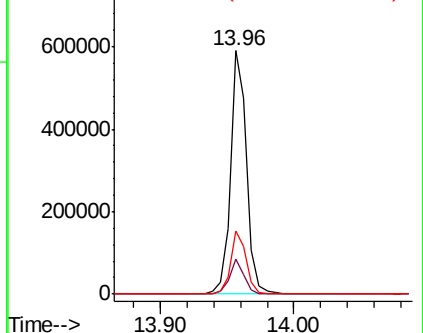
236 25.9 20.2 30.2

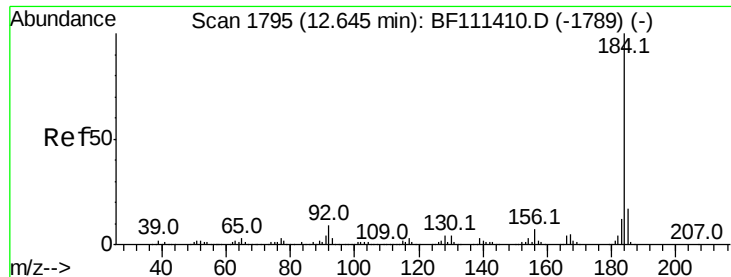


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 120.769 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

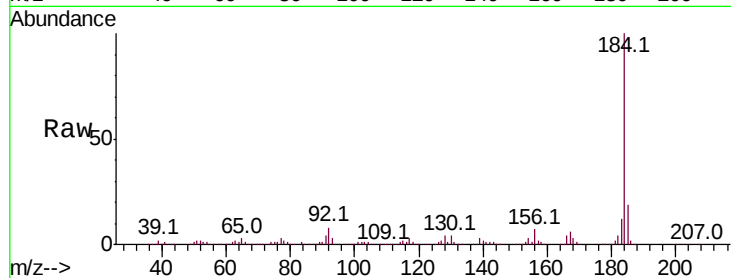
Tot Ion:184 Resp: 1133109

Ion	Ratio	Lower	Upper
184	100		
185	18.9	13.0	19.6
183	12.0	9.3	13.9

184 100

185 18.9 13.0 19.6

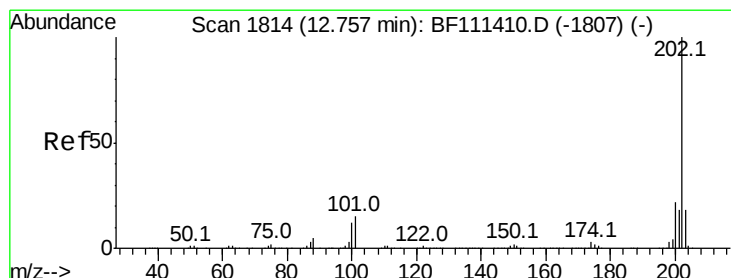
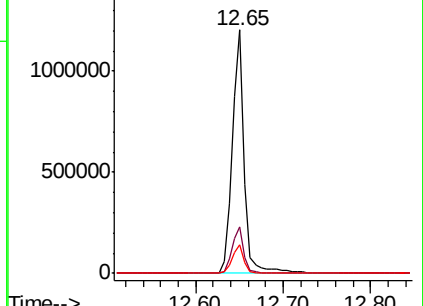
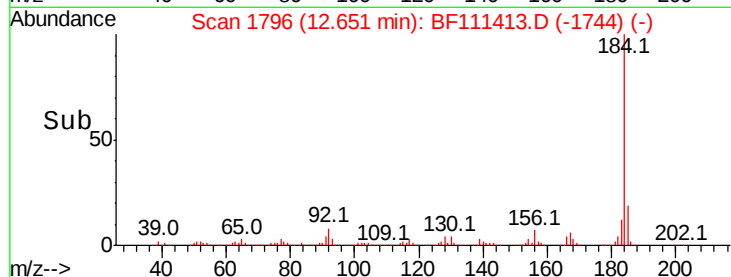
183 12.0 9.3 13.9



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: 73.378 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

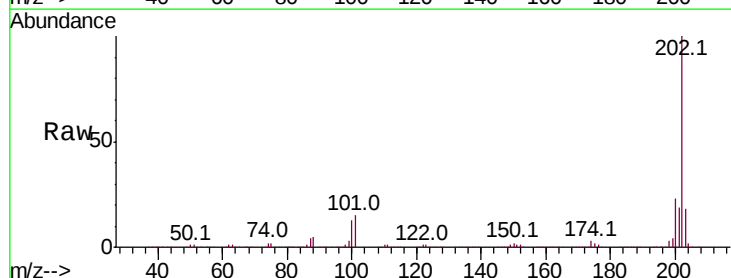
Tgt Ion:202 Resp: 2815537

Ion	Ratio	Lower	Upper
202	100		
200	22.5	19.0	28.4
203	18.0	15.2	22.8

202 100

200 22.5 19.0 28.4

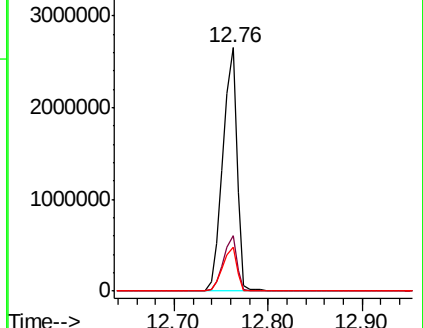
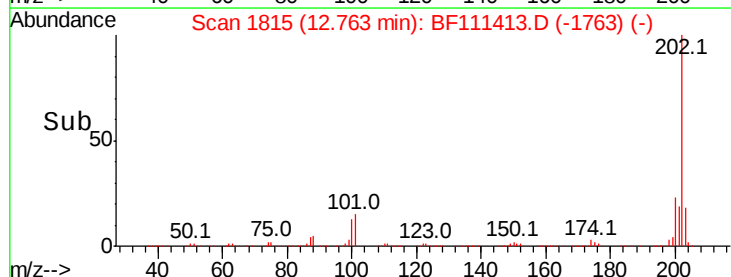
203 18.0 15.2 22.8

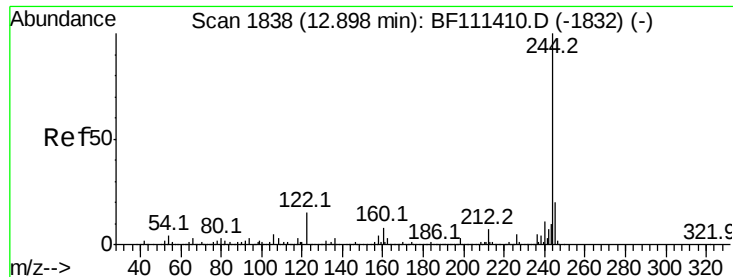


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 142.474 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

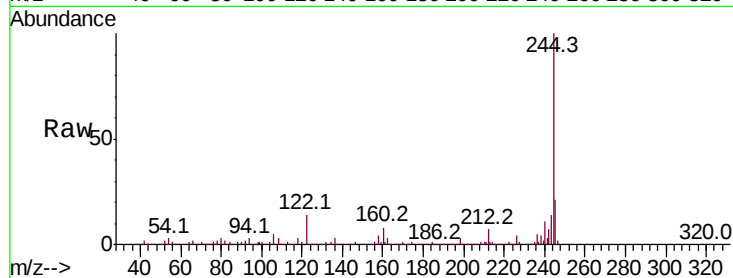
Tot Ion:244 Resp: 3218368

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

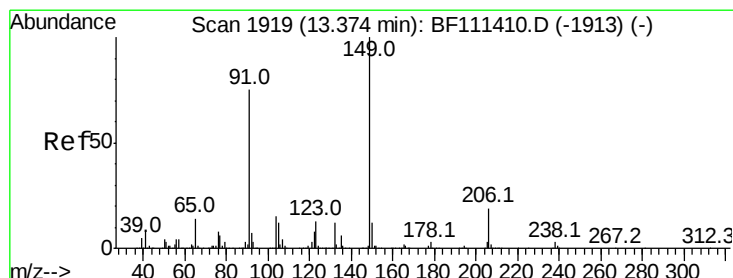
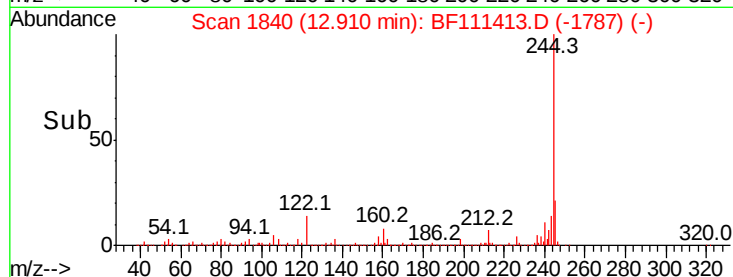
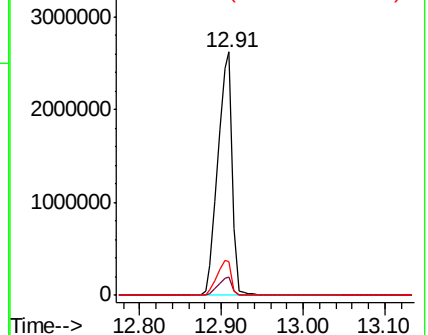
122 13.6 13.1 19.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 75.825 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

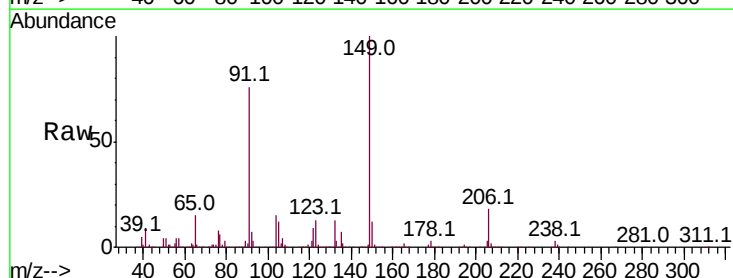
Tgt Ion:149 Resp: 1396912

Ion Ratio Lower Upper

149 100

91 75.6 63.8 95.6

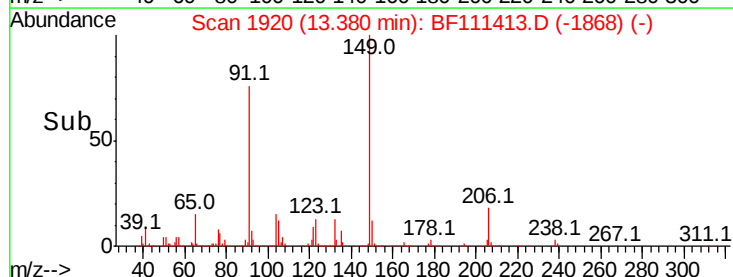
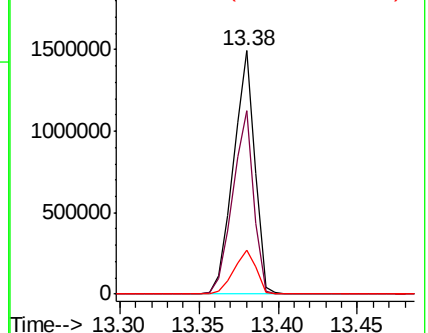
206 18.3 15.1 22.7

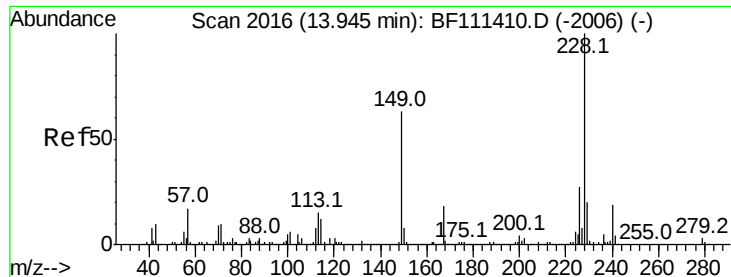


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

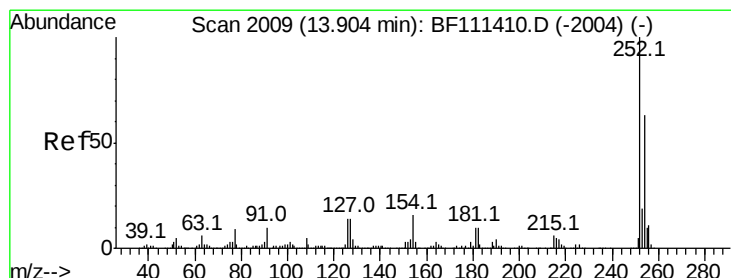
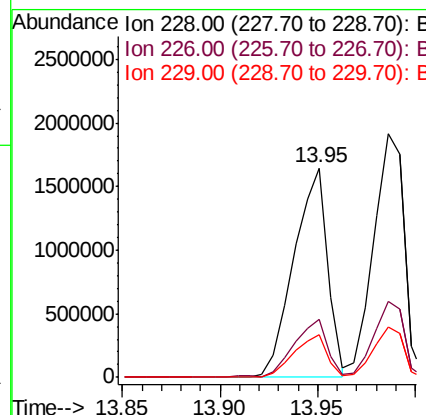
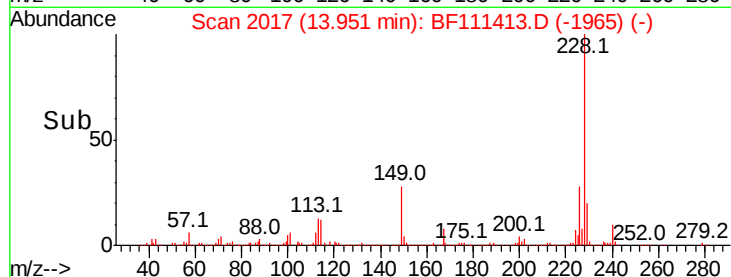
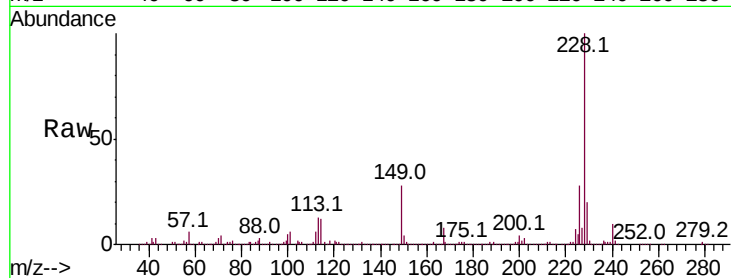




#81
Benzo(a)anthracene
Concen: 70.696 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

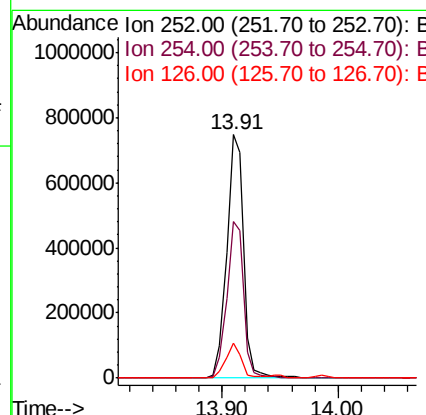
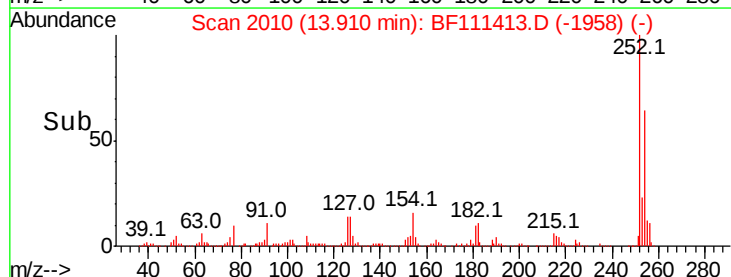
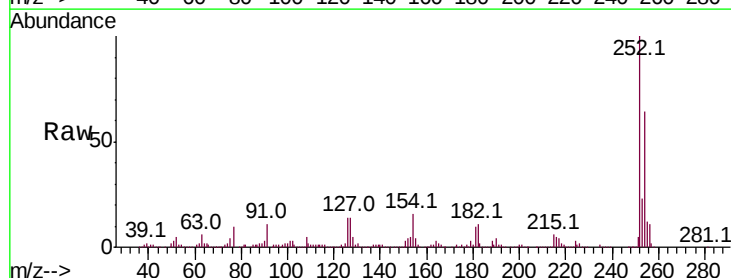
Instrument :
BNA_F
ClientSampleId :

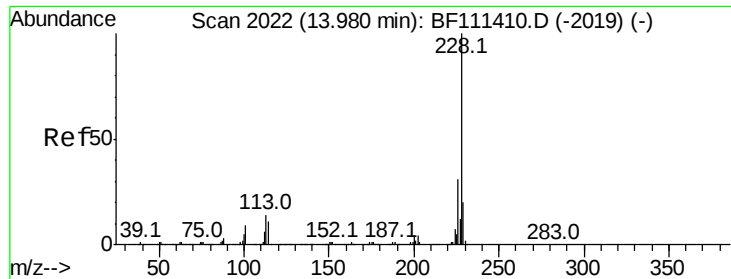
Tot Ion:228 Resp: 1966584
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 20.2 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 71.862 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:252 Resp: 756025
Ion Ratio Lower Upper
252 100
254 64.3 52.7 79.1
126 14.1 11.1 16.7





#83

Chrysene

Concen: 74.342 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

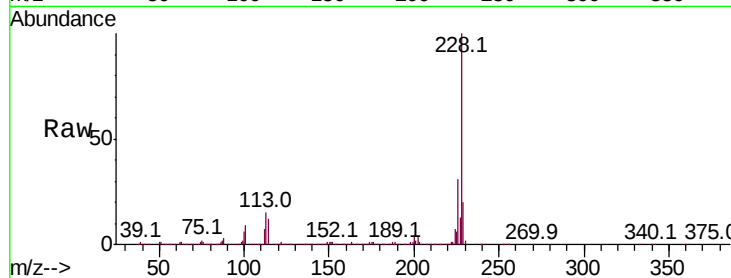
Tot Ion:228 Resp: 2109893

Ion Ratio Lower Upper

228 100

226 31.1 25.3 37.9

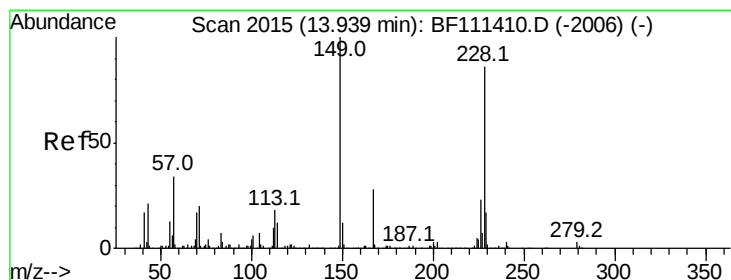
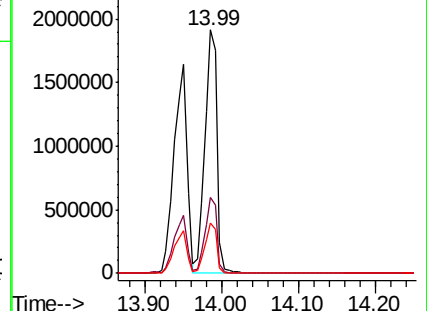
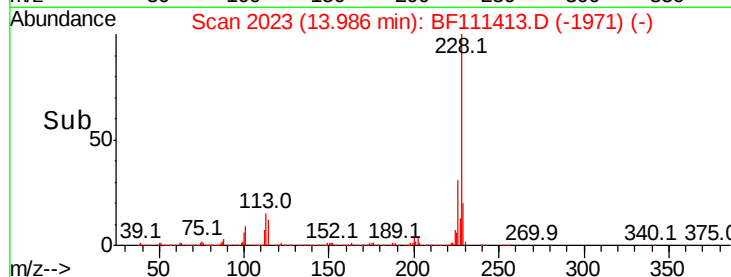
229 20.4 17.2 25.8



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: 75.094 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

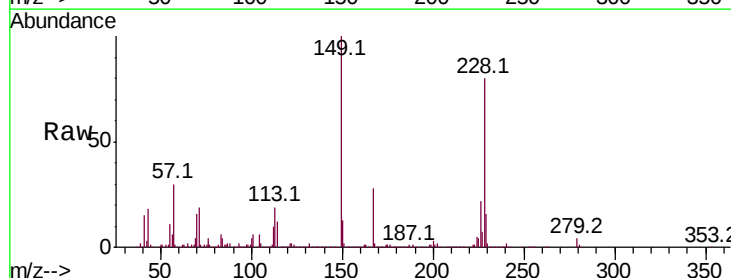
Tgt Ion:149 Resp: 1691257

Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

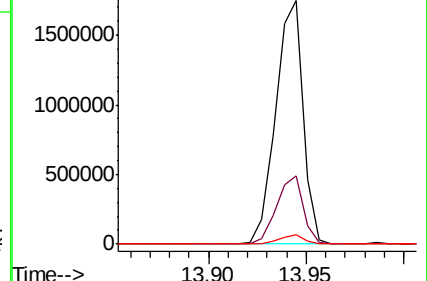
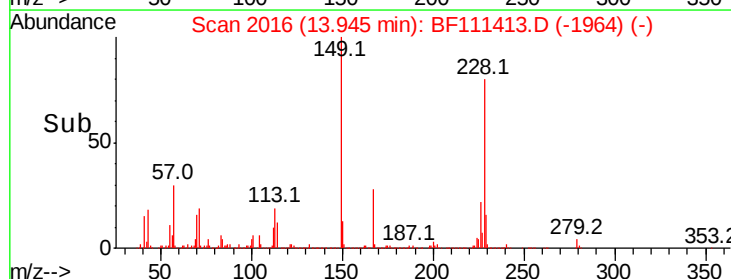
279 3.8 2.6 4.0

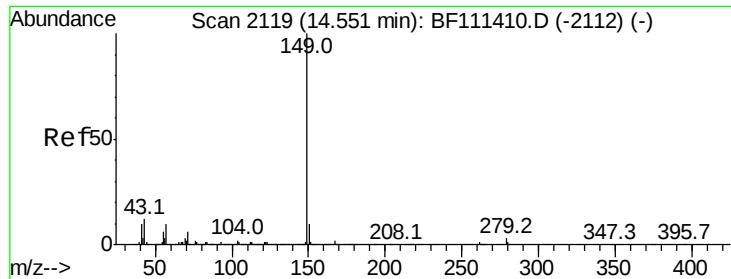


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 73.263 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

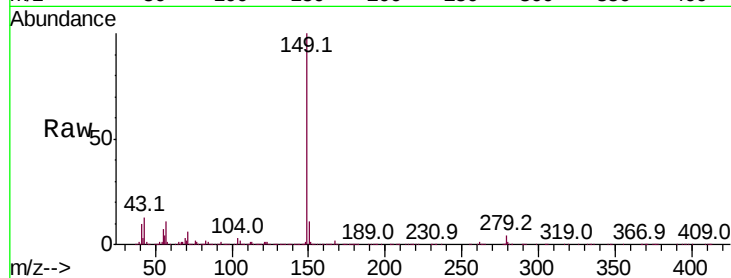
Tot Ion:149 Resp: 2709350

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

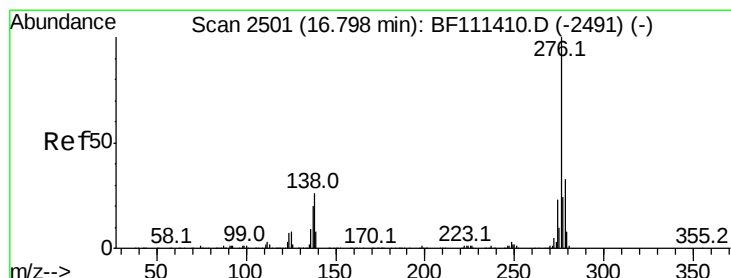
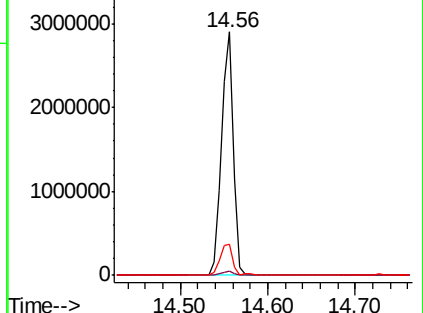
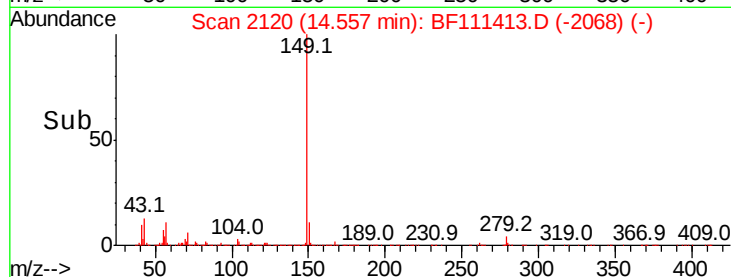
43 14.0 10.9 16.3



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: 73.342 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.02 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

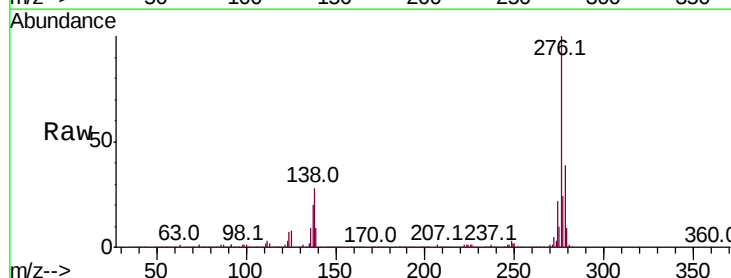
Tgt Ion:276 Resp: 1628007

Ion Ratio Lower Upper

276 100

138 30.4 27.8 41.6

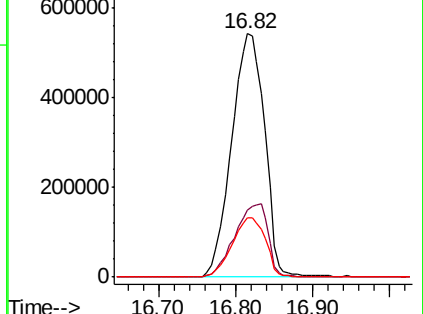
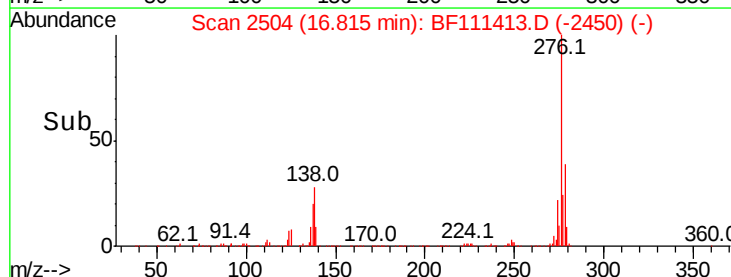
277 24.8 20.1 30.1

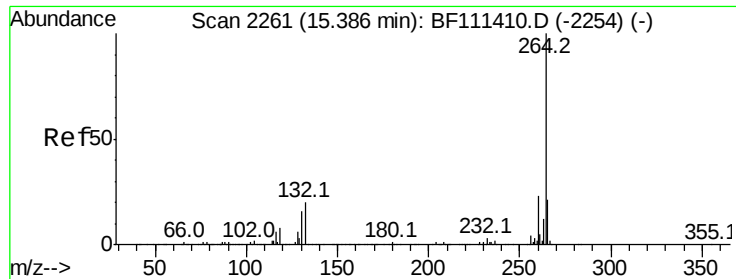


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

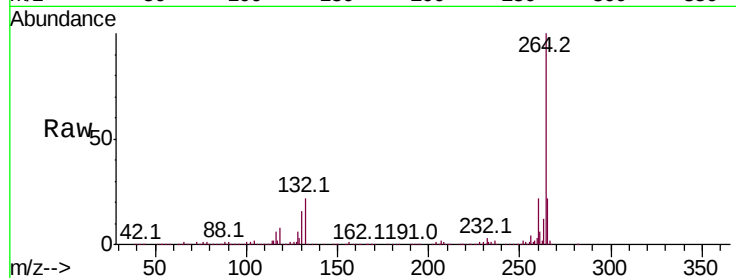
Tot Ion:264 Resp: 383990

Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

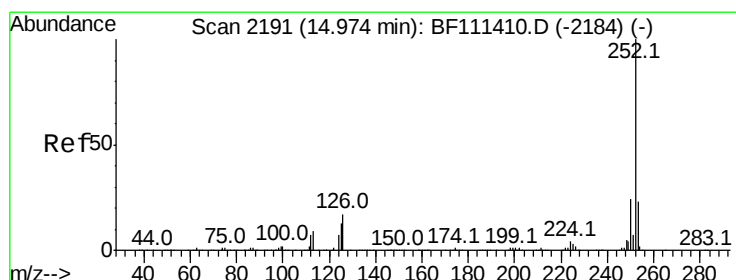
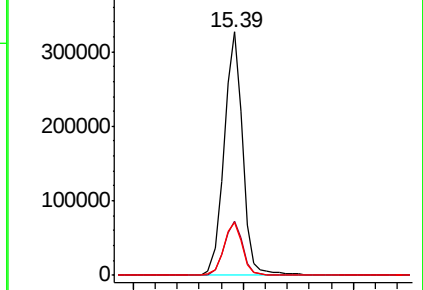
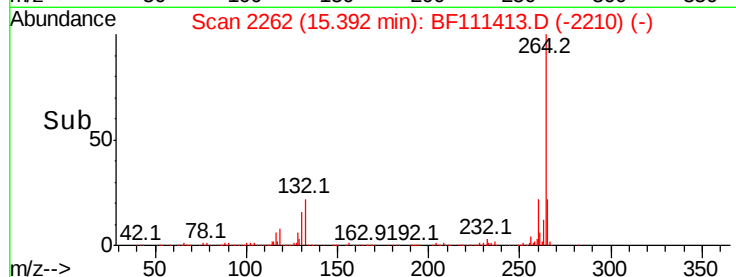
265 21.9 17.7 26.5



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: 80.024 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

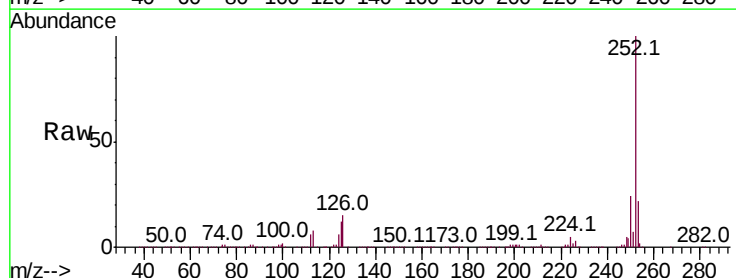
Tgt Ion:252 Resp: 1747324

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

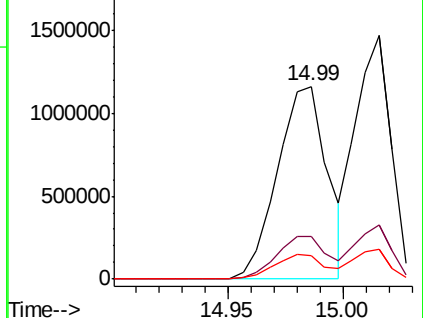
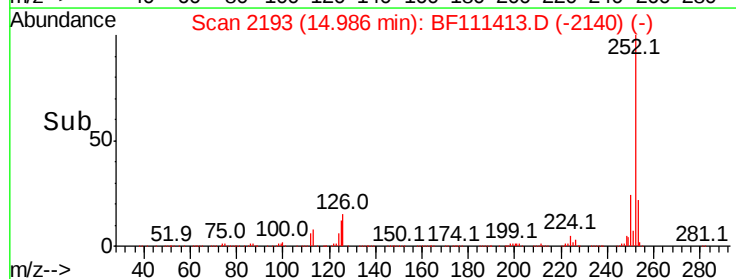
125 12.0 10.4 15.6

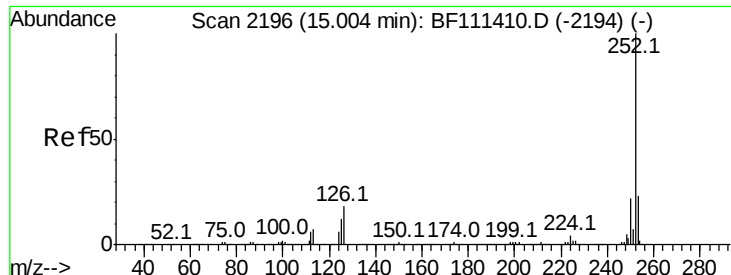


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

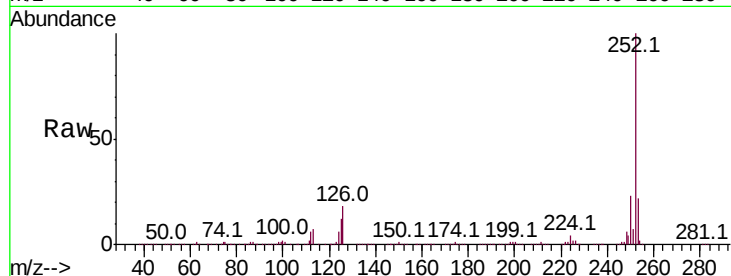




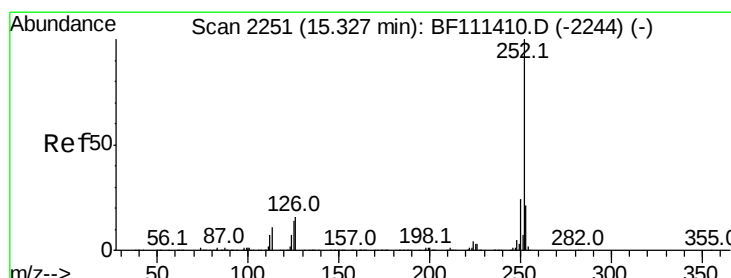
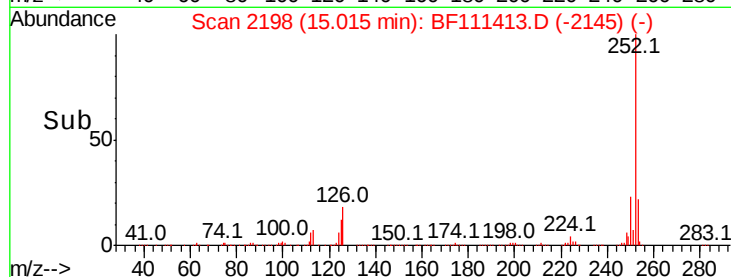
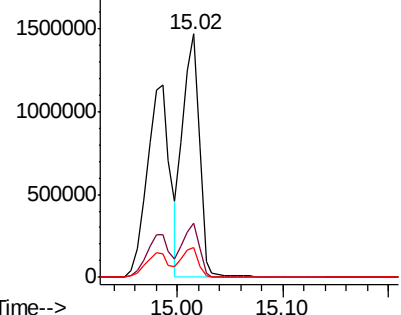
#89
Benzo(k)fluoranthene
Concen: 73.195 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1595290
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 12.2 9.8 14.8

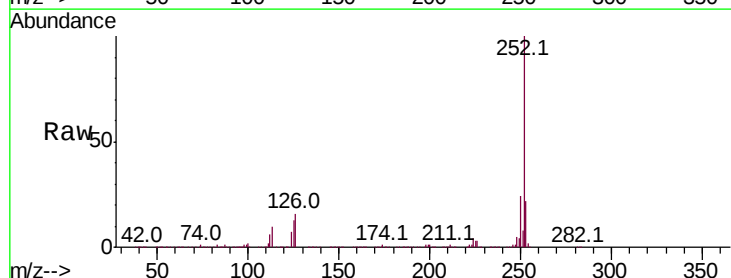


Abundance Ion 252.00 (251.70 to 252.70): E
2000000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

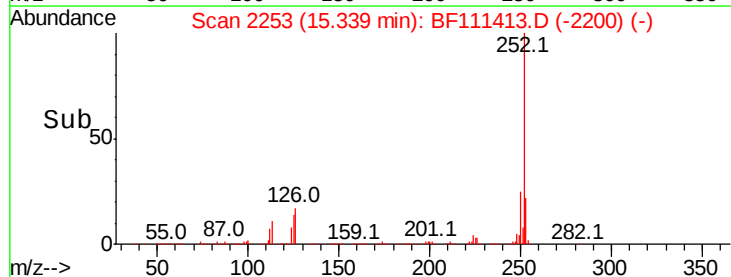
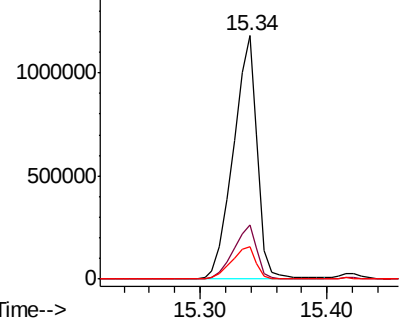


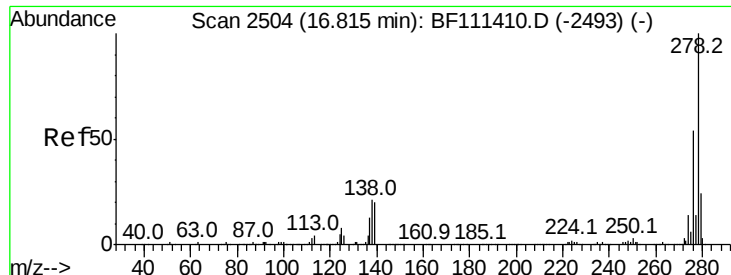
#90
Benzo(a)pyrene
Concen: 76.158 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:252 Resp: 1548340
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 13.4 12.3 18.5



Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

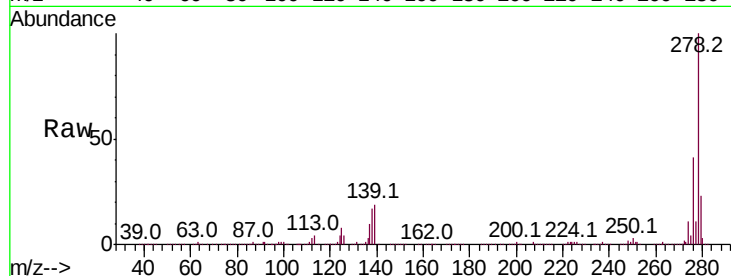




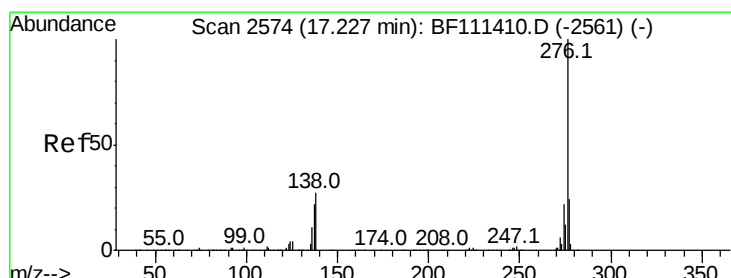
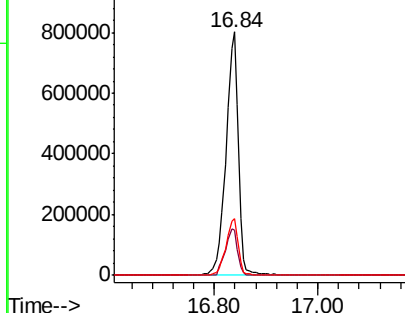
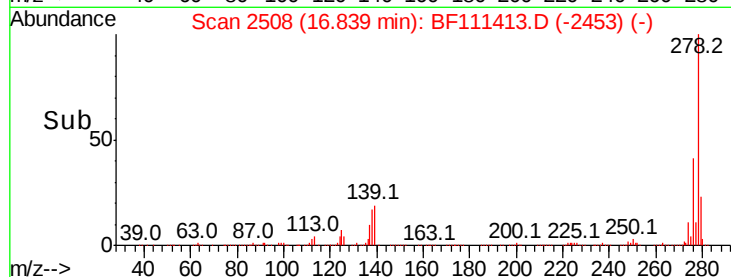
#91
Dibenzo(a,h)anthracene
Concen: 79.332 ng
RT: 16.84 min Scan# 2508
Delta R.T. 0.02 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1341880
Ion Ratio Lower Upper
278 100
139 18.6 18.2 27.4
279 23.2 19.0 28.6

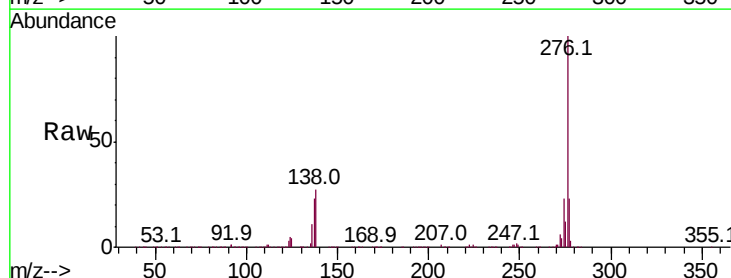


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 81.887 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.02 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:276 Resp: 1384820
Ion Ratio Lower Upper
276 100
277 23.1 19.2 28.8
138 27.1 24.9 37.3



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

