

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111320.D
 Acq On : 12 Dec 2018 14:38
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 15:08:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	300675	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1258229	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	587848	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1025949	20.00	ng	0.00
76) Chrysene-d12	13.95	240	708065	20.00	ng	0.00
87) Perylene-d12	15.39	264	579005	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	1456124	81.89	ng	0.00
7) Phenol-d6	6.43	99	1893479	78.98	ng	0.00
23) Nitrobenzene-d5	7.36	82	1781657	79.81	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	411457	79.40	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2936341	80.20	ng	0.00
79) Terphenyl-d14	12.90	244	2448172	76.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	350001	39.408	ng	98
3) Pyridine	3.24	79	924040	42.352	ng	96
4) n-Nitrosodimethylamine	3.18	42	412833	40.561	ng	92
6) Aniline	6.46	93	1238116	42.691	ng	98
8) 2-Chlorophenol	6.58	128	864124	39.540	ng	98
9) Benzaldehyde	6.34	77	542795	39.624	ng	98
10) Phenol	6.44	94	1088718	40.091	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	834744	39.072	ng	96
12) 1,3-Dichlorobenzene	6.73	146	928774	39.257	ng	98
13) 1,4-Dichlorobenzene	6.81	146	944051	39.417	ng	97
14) 1,2-Dichlorobenzene	6.97	146	876792	39.572	ng	98
15) Benzyl Alcohol	6.93	79	733383	39.951	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1647049	39.794	ng	100
17) 2-Methylphenol	7.05	107	693586	39.276	ng	99
18) Hexachloroethane	7.31	117	353017	39.702	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	625340	39.255	ng	99
20) 3+4-Methylphenols	7.20	107	829414	39.384	ng	95
22) Acetophenone	7.20	105	1130054	38.665	ng	# 98
24) Nitrobenzene	7.37	77	908534	39.512	ng	97
25) Isophorone	7.62	82	1471065	38.794	ng	98
26) 2-Nitrophenol	7.69	139	465941	41.225	ng	99
27) 2,4-Dimethylphenol	7.73	122	686752	40.027	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1014475	38.977	ng	98
29) 2,4-Dichlorophenol	7.93	162	707914	39.554	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	721634	39.241	ng	97
31) Naphthalene	8.10	128	2316160	39.510	ng	98
32) Benzoic acid	7.86	122	632634	44.356	ng	91
33) 4-Chloroaniline	8.15	127	1044588	41.724	ng	99
34) Hexachlorobutadiene	8.22	225	400525	39.260	ng	97
35) Caprolactam	8.52	113	253100	40.359	ng	96
36) 4-Chloro-3-methylphenol	8.63	107	760570	39.879	ng	99
37) 2-Methylnaphthalene	8.79	142	1489724	39.312	ng	99
38) 1-Methylnaphthalene	8.89	142	1442527	39.441	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	637849	38.602	ng	99

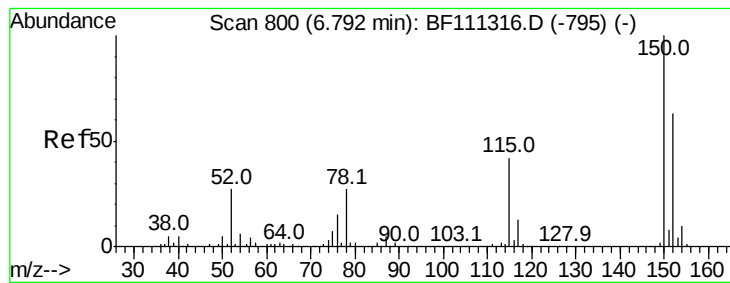
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	323345	37.475	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	469138	39.667	ng	97
44) 2,4,5-Trichlorophenol	9.11	196	488529	39.085	ng	95
46) 1,1'-Biphenyl	9.26	154	1941905	38.717	ng	96
47) 2-Chloronaphthalene	9.28	162	1507631	39.249	ng	97
48) 2-Nitroaniline	9.37	65	508637	40.749	ng	99
49) Acenaphthylene	9.69	152	2213067	39.435	ng	97
50) Dimethylphthalate	9.56	163	1659208	39.250	ng	99
51) 2,6-Dinitrotoluene	9.62	165	392725	41.912	ng	97
52) Acenaphthene	9.87	154	1413559	39.935	ng	99
53) 3-Nitroaniline	9.78	138	464664	41.256	ng	99
54) 2,4-Dinitrophenol	9.89	184	162102	44.094	ng	# 85
55) Dibenzofuran	10.04	168	2017659	39.485	ng	97
56) 4-Nitrophenol	9.94	139	351216	43.302	ng	97
57) 2,4-Dinitrotoluene	10.02	165	507544	42.263	ng	94
58) Fluorene	10.38	166	1423169	38.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	384371	39.807	ng	99
60) Diethylphthalate	10.26	149	1703506	40.028	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	703758	38.835	ng	98
62) 4-Nitroaniline	10.40	138	444886	41.095	ng	97
63) Azobenzene	10.53	77	1709825	39.847	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	248125	42.126	ng	86
66) n-Nitrosodiphenylamine	10.49	169	1400248	38.368	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	443497	38.831	ng	98
68) Hexachlorobenzene	10.93	284	457699	38.917	ng	99
69) Atrazine	11.02	200	421187	39.903	ng	97
70) Pentachlorophenol	11.12	266	329510	42.103	ng	97
71) Phenanthrene	11.34	178	2058033	38.810	ng	96
72) Anthracene	11.39	178	2104396	38.973	ng	96
73) Carbazole	11.55	167	2213466	39.646	ng	96
74) Di-n-butylphthalate	11.88	149	2514407	39.553	ng	98
75) Fluoranthene	12.53	202	2056887	39.733	ng	98
77) Benzidine	12.65	184	846923	63.382	ng	98
78) Pyrene	12.76	202	2108374	38.582	ng	97
80) Butylbenzylphthalate	13.37	149	1039035	39.601	ng	98
81) Benzo(a)anthracene	13.94	228	1564170	39.482	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	593301	39.598	ng	97
83) Chrysene	13.98	228	1563349	38.678	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1267896	39.529	ng	99
85) Di-n-octyl phthalate	14.56	149	2118886	40.231	ng	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	1201806	38.016	ng	98
88) Benzo(b)fluoranthene	14.97	252	1396403	42.413	ng	99
89) Benzo(k)fluoranthene	15.00	252	1213860	36.936	ng	98
90) Benzo(a)pyrene	15.33	252	1201488	39.193	ng	99
91) Dibenzo(a,h)anthracene	16.82	278	1002095	39.290	ng	97
92) Benzo(g,h,i)perylene	17.23	276	999272	39.187	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

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ClientSampleId :

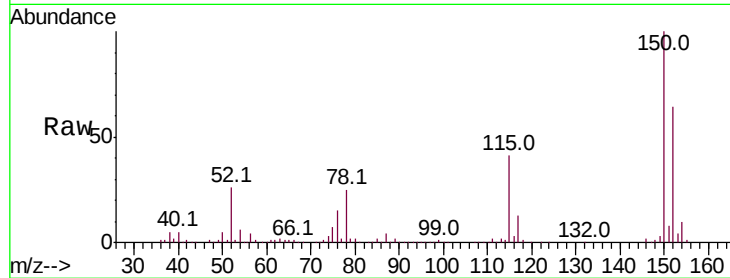
Tot Ion:152 Resp: 300675

Ion Ratio Lower Upper

152 100

150 157.2 126.6 189.8

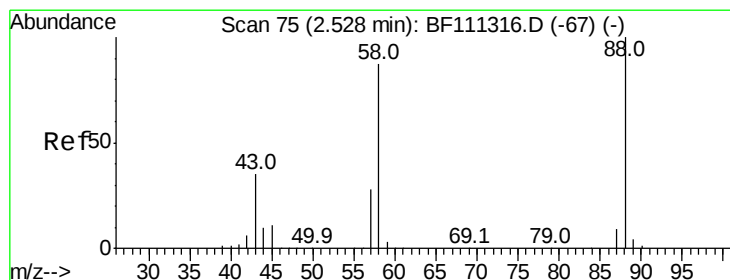
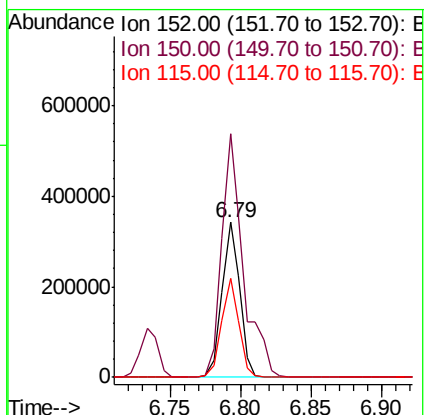
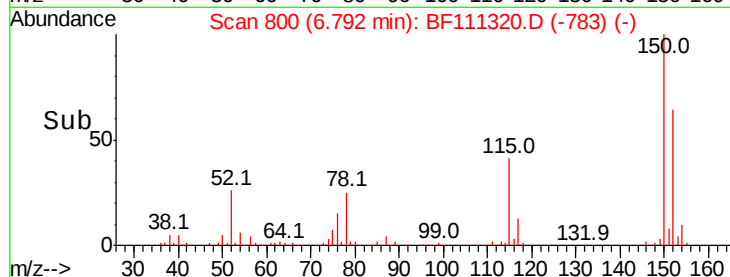
115 63.7 50.7 76.1



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: 39.408 ng

RT: 2.51 min Scan# 72

Delta R.T. -0.02 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

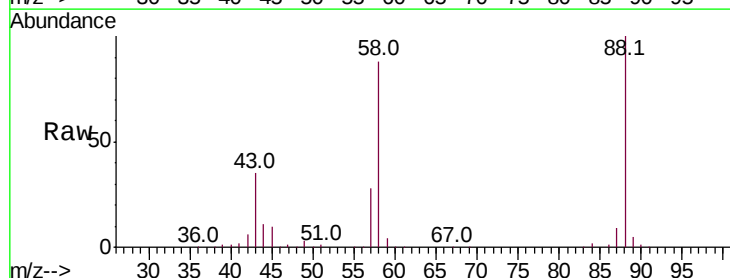
Tgt Ion: 88 Resp: 350001

Ion Ratio Lower Upper

88 100

58 86.7 68.9 103.3

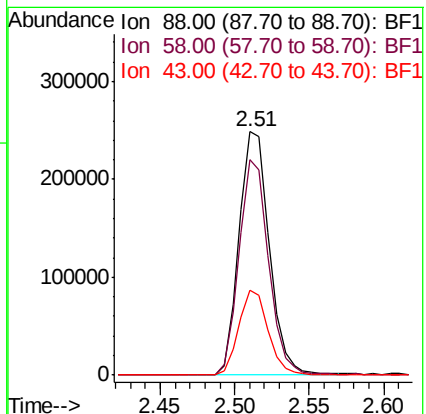
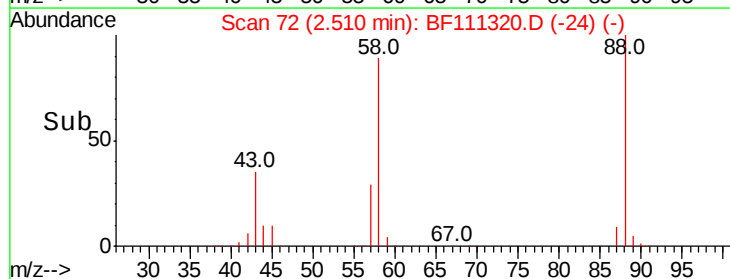
43 34.5 25.8 38.6

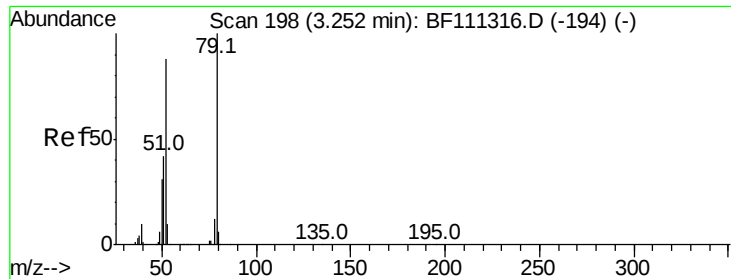


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 42.352 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

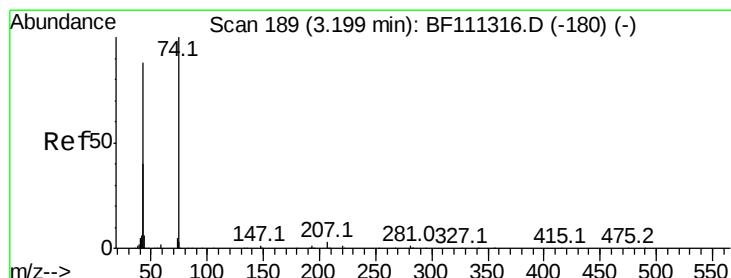
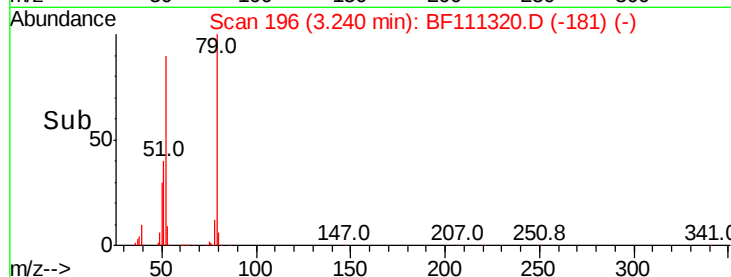
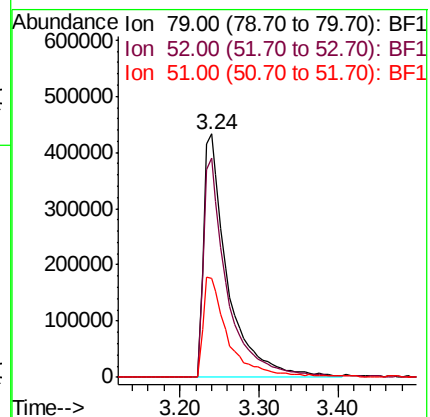
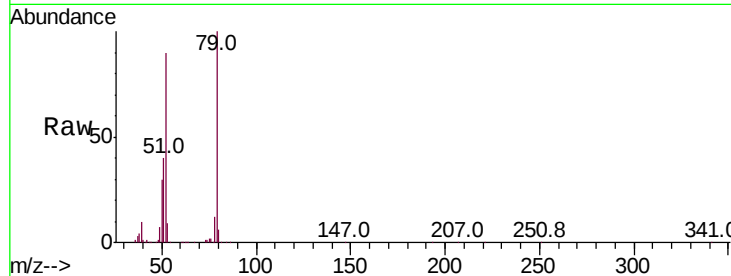
Tot Ion: 79 Resp: 924040

Ion Ratio Lower Upper

79 100

52 90.3 68.3 102.5

51 40.5 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 40.561 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.02 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

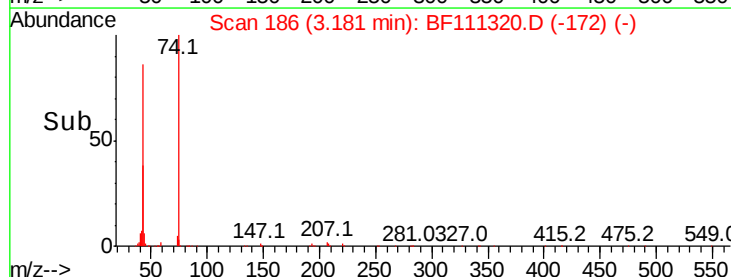
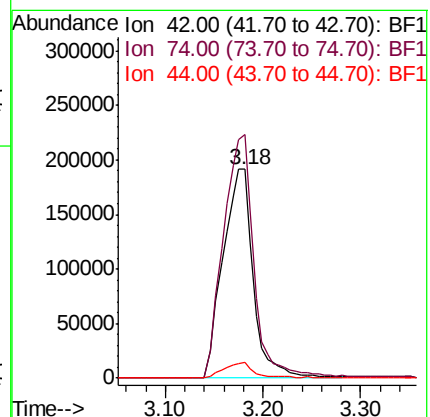
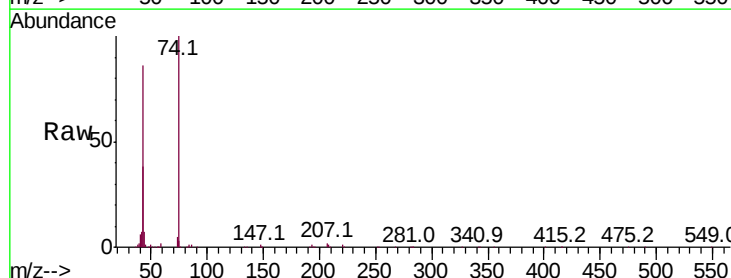
Tgt Ion: 42 Resp: 412833

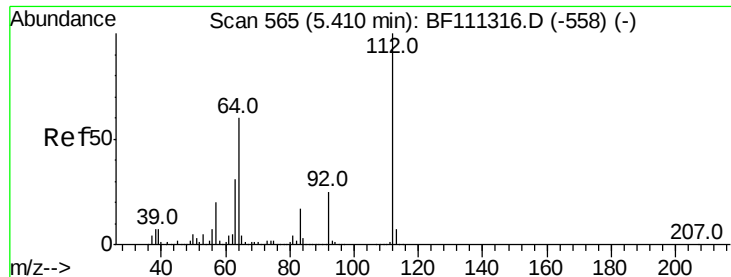
Ion Ratio Lower Upper

42 100

74 116.6 101.5 152.3

44 7.6 6.0 9.0





#5

2-Fluorophenol

Concen: 81.894 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

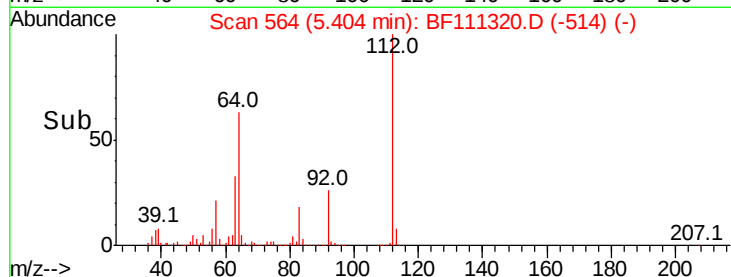
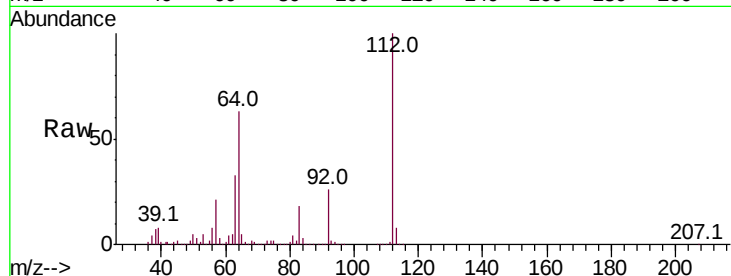
Tot Ion:112 Resp: 1456124

Ion Ratio Lower Upper

112 100

64 63.1 51.8 77.6

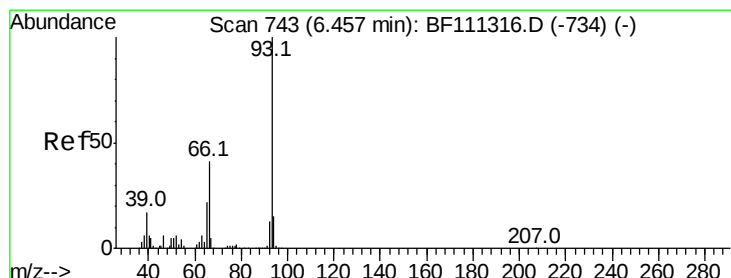
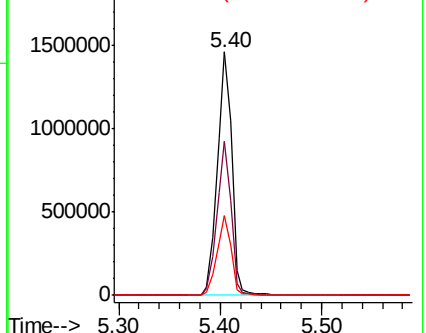
63 32.8 26.8 40.2



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: 42.691 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

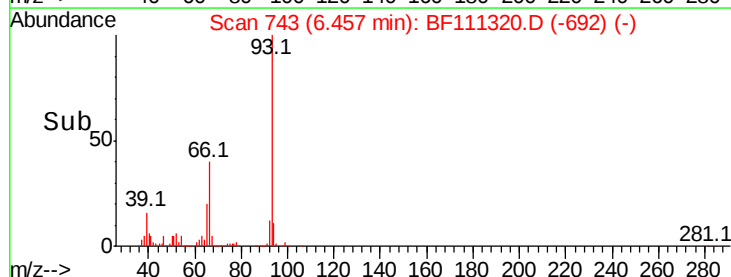
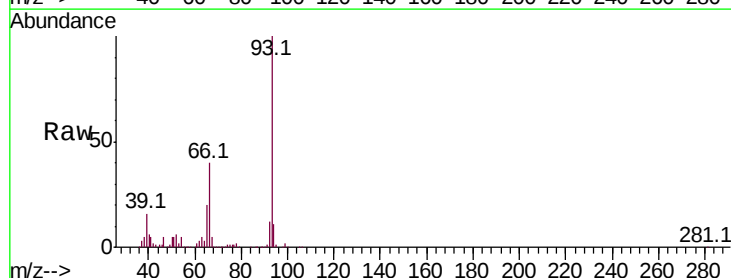
Tgt Ion: 93 Resp: 1238116

Ion Ratio Lower Upper

93 100

66 40.2 33.2 49.8

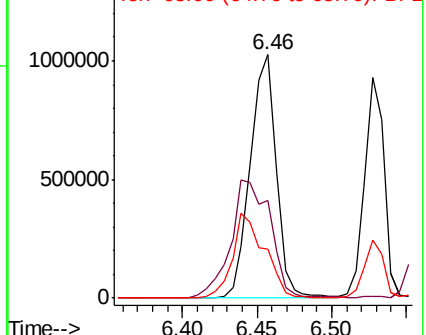
65 20.3 17.0 25.4

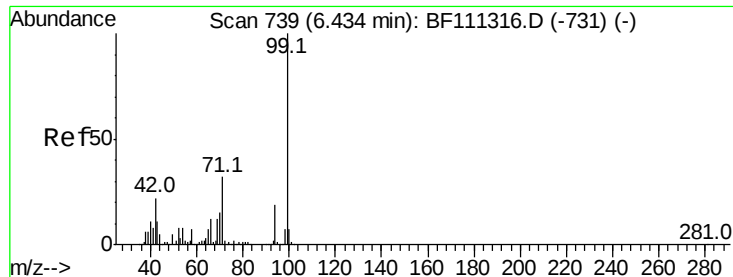


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.984 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

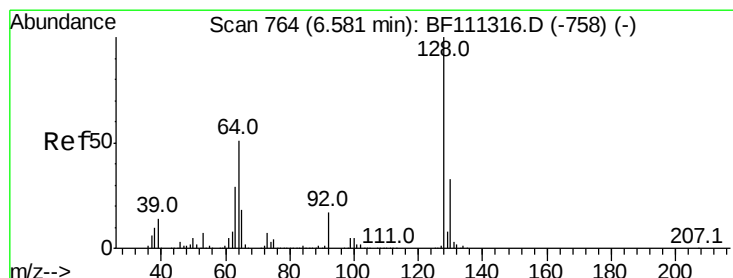
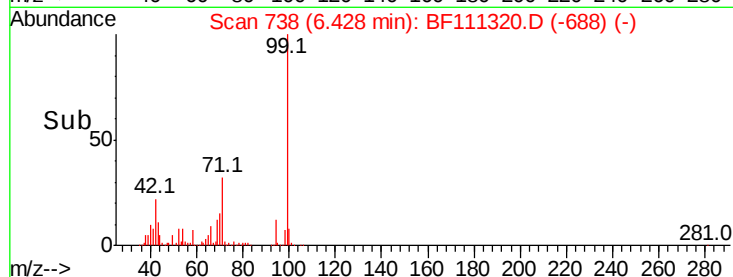
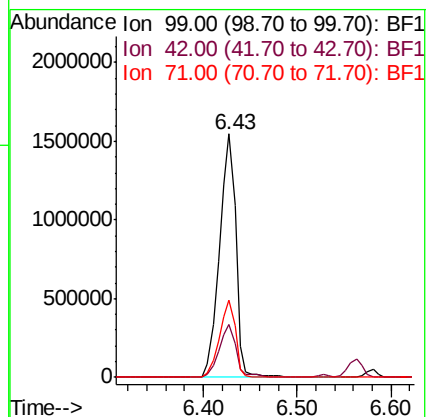
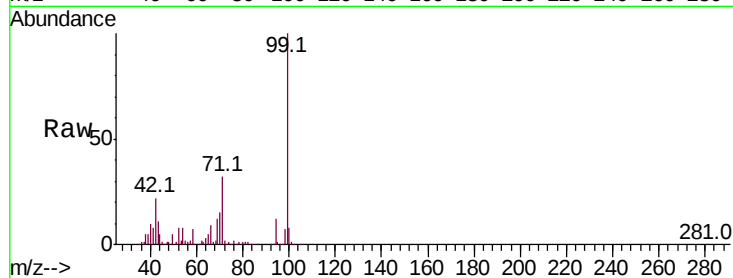
Tot Ion: 99 Resp: 1893479

Ion Ratio Lower Upper

99 100

42 22.0 17.4 26.0

71 31.8 26.1 39.1



#8

2-Chlorophenol

Concen: 39.540 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

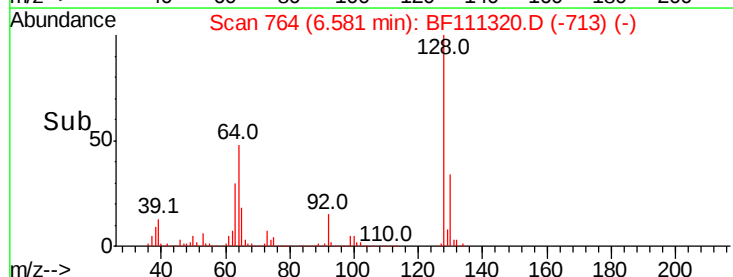
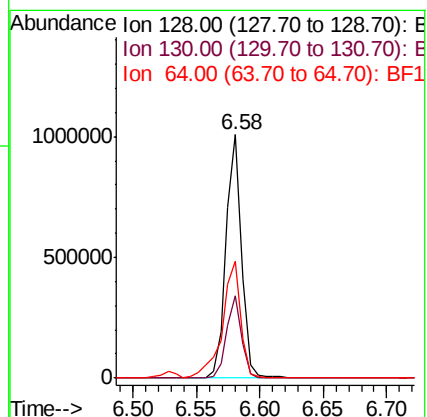
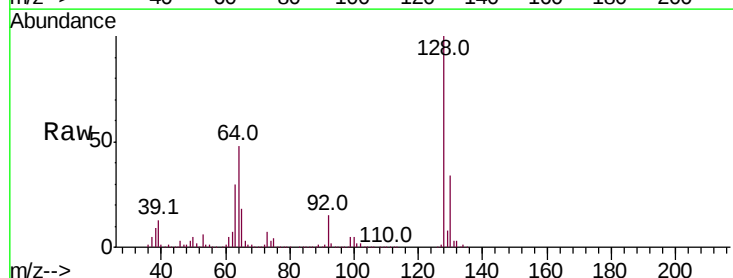
Tgt Ion: 128 Resp: 864124

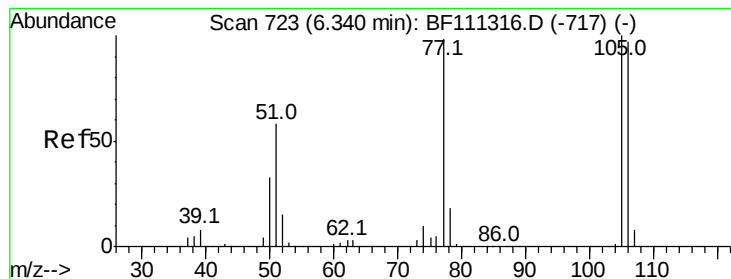
Ion Ratio Lower Upper

128 100

130 33.6 12.7 52.7

64 48.0 30.0 70.0





#9

Benzaldehyde

Concen: 39.624 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

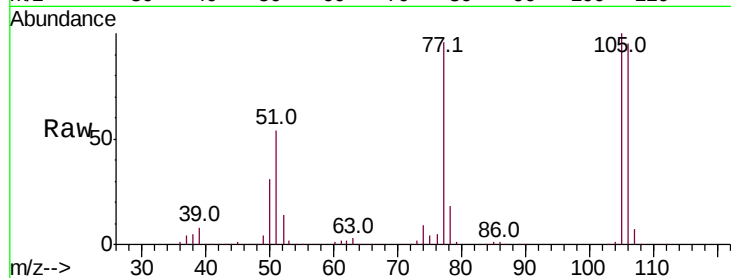
Tot Ion: 77 Resp: 542795

Ion Ratio Lower Upper

77 100

105 103.7 81.4 121.4

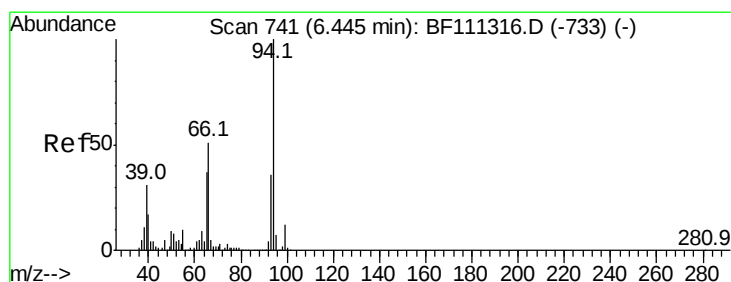
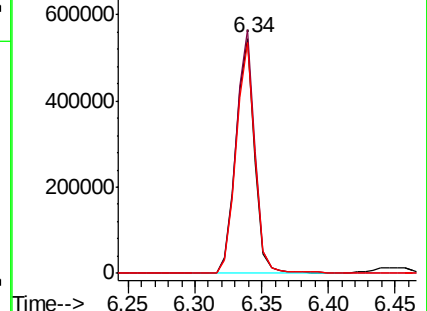
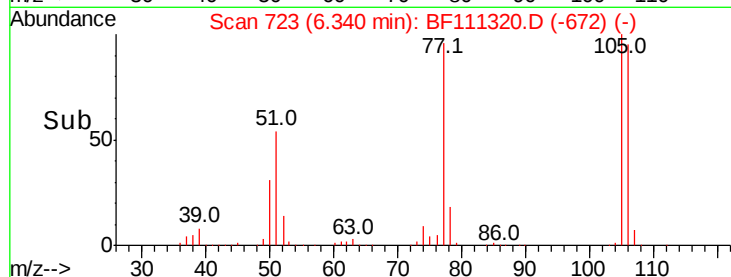
106 98.6 77.9 117.9



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: 40.091 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

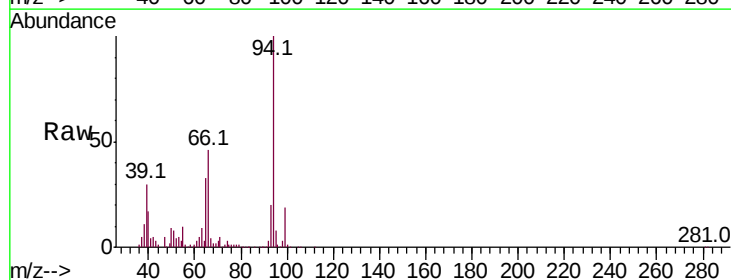
Tgt Ion: 94 Resp: 1088718

Ion Ratio Lower Upper

94 100

65 33.3 11.7 51.7

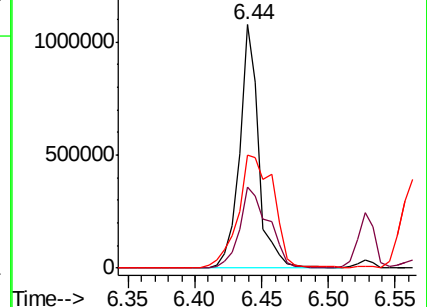
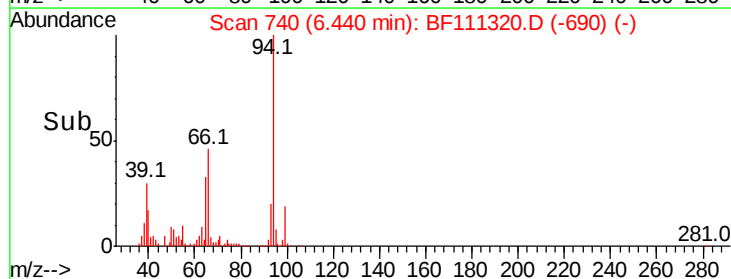
66 46.3 21.0 61.0

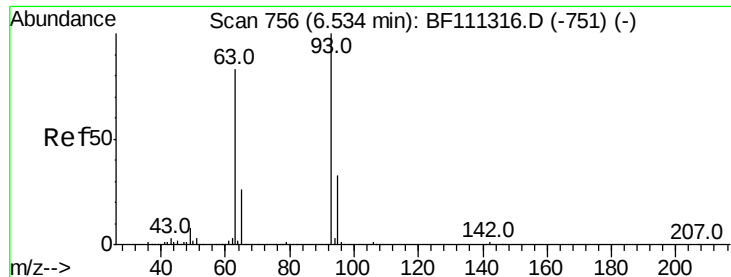


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

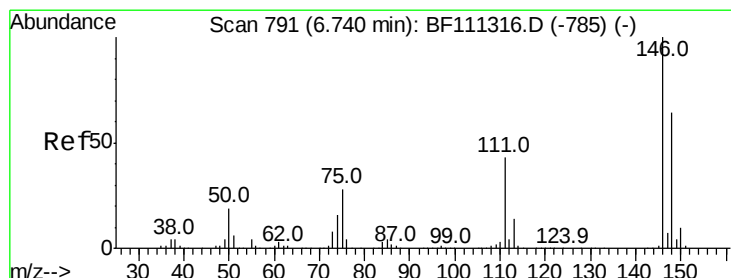
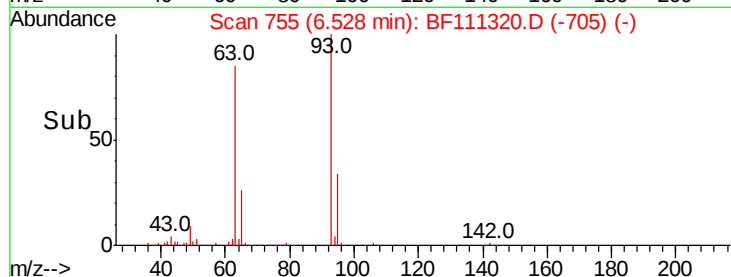
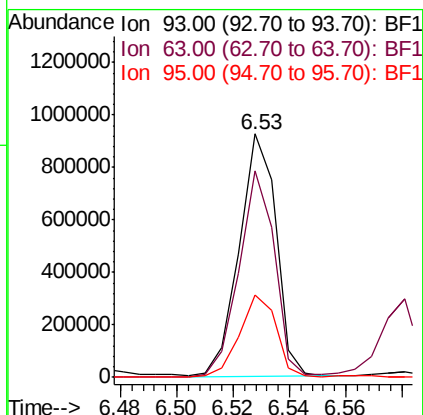
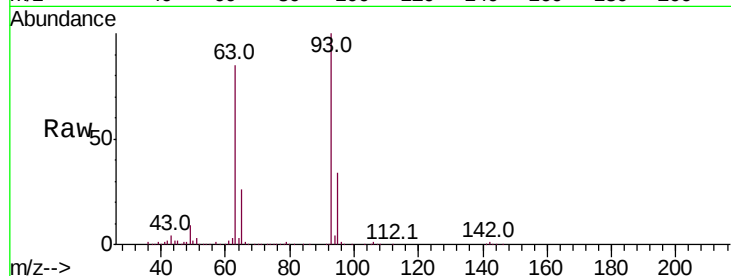




#11
bis(2-Chloroethyl)ether
Concen: 39.072 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

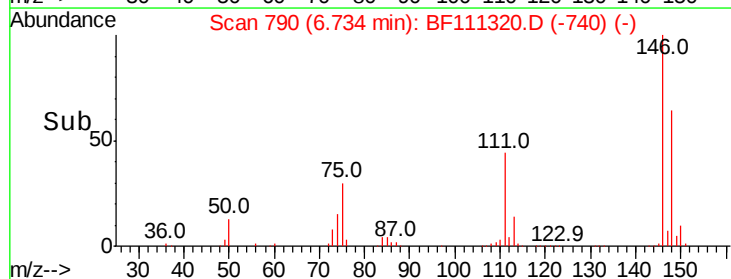
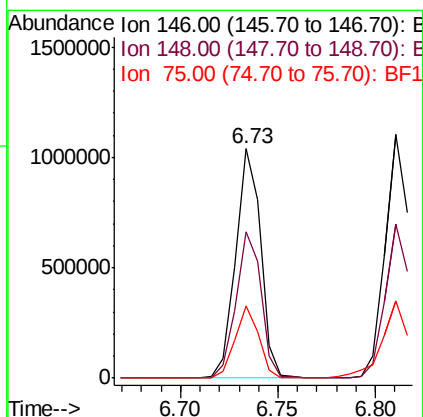
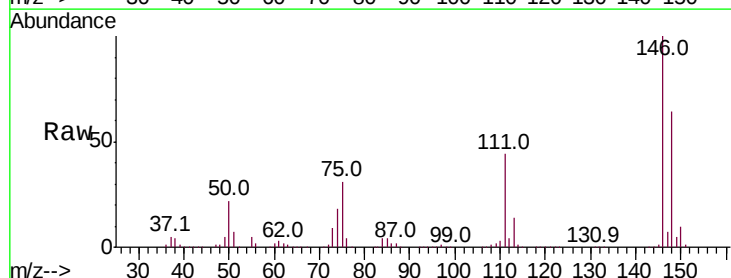
Instrument :
BNA_F
ClientSampleId :

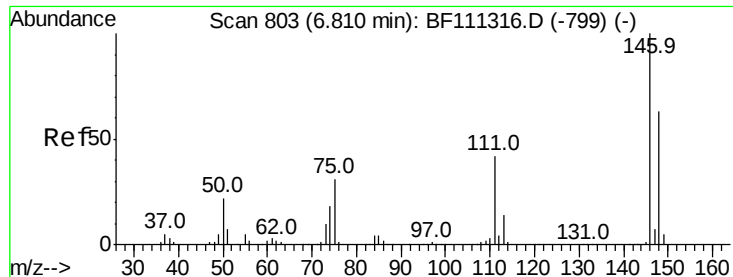
Tot Ion: 93 Resp: 834744
Ion Ratio Lower Upper
93 100
63 84.9 60.0 100.0
95 33.7 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.257 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion: 146 Resp: 928774
Ion Ratio Lower Upper
146 100
148 64.1 52.1 78.1
75 31.2 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 39.417 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampled :

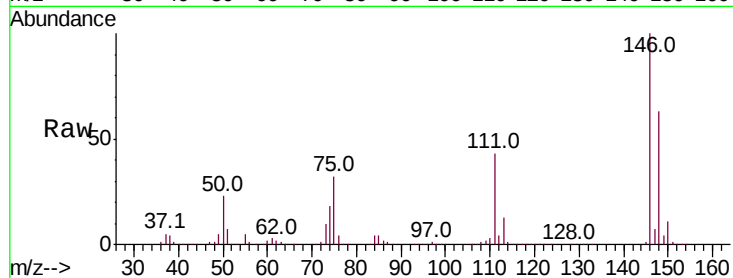
Tot Ion:146 Resp: 944051

Ion Ratio Lower Upper

146 100

148 63.5 52.8 79.2

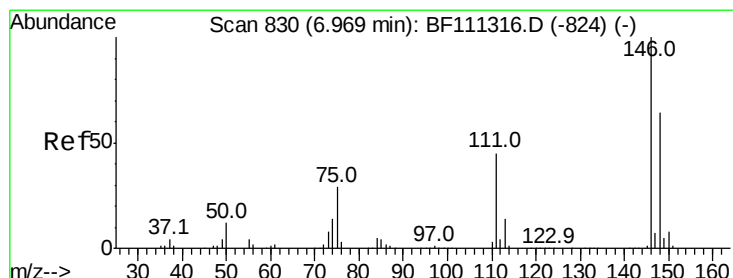
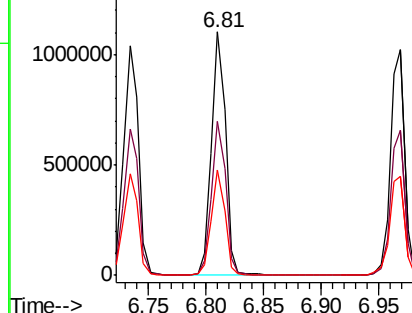
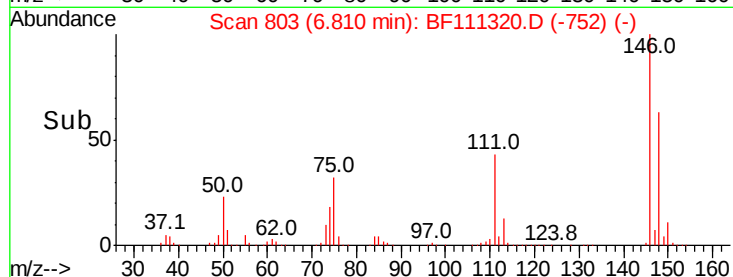
111 43.3 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.572 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

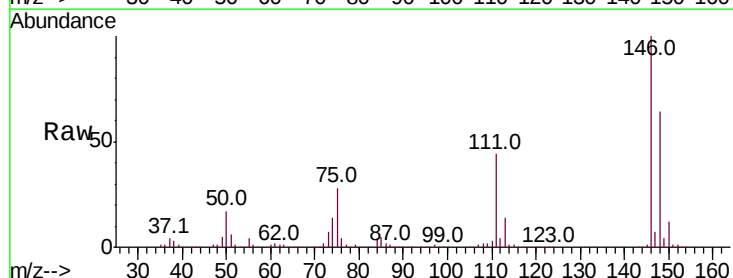
Tgt Ion:146 Resp: 876792

Ion Ratio Lower Upper

146 100

148 64.3 51.9 77.9

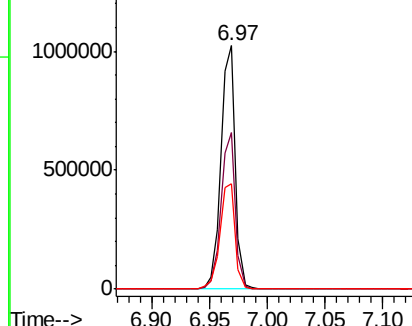
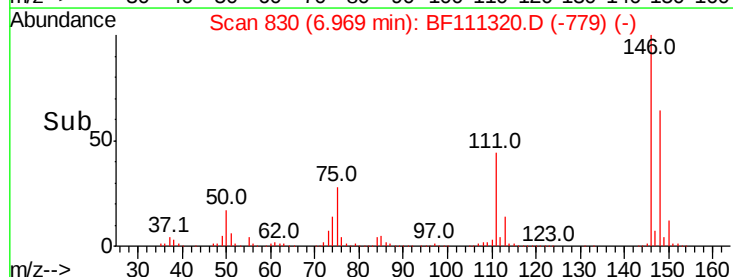
111 43.5 36.2 54.4

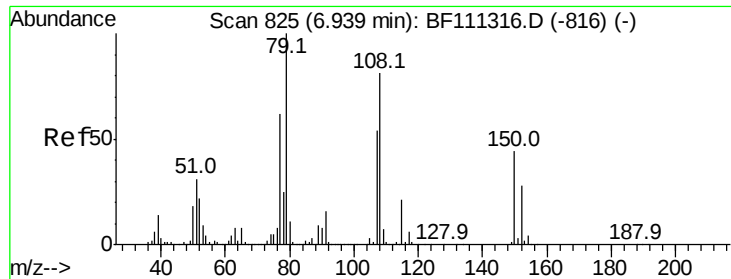


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

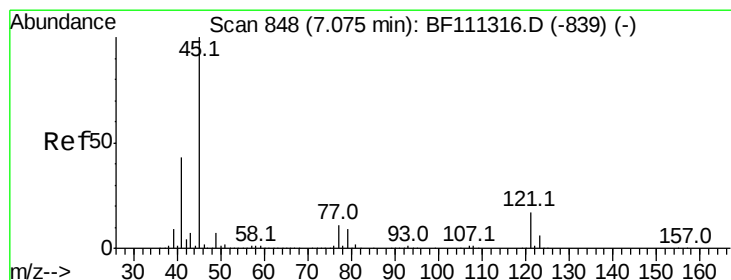
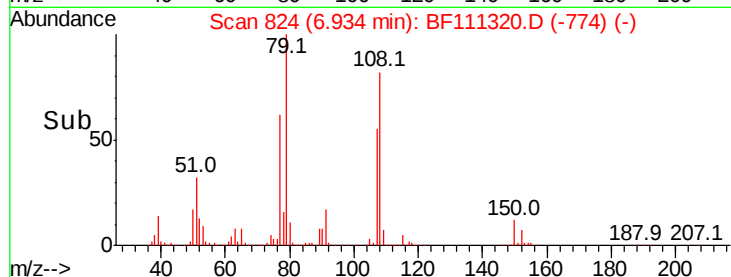
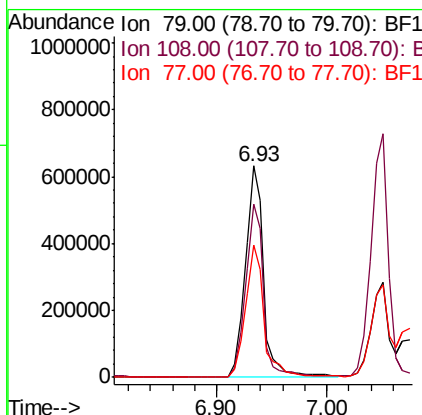
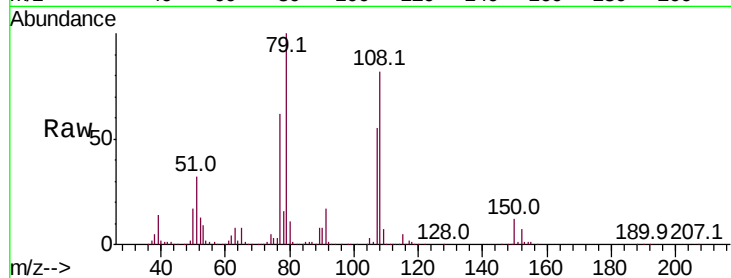




#15
Benzyl Alcohol
Concen: 39.951 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

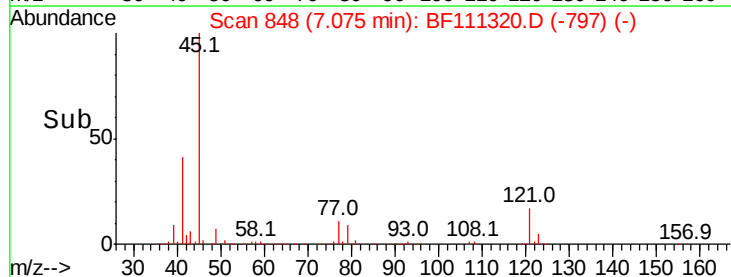
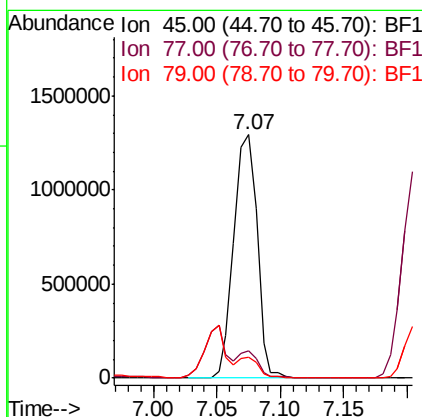
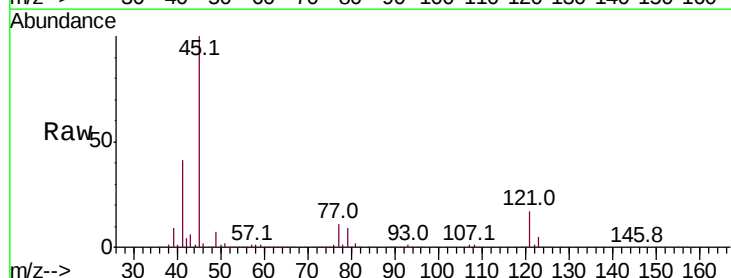
Instrument :
BNA_F
ClientSampleId :

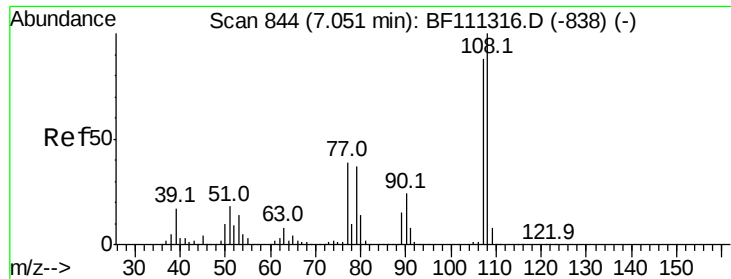
Tot Ion: 79 Resp: 733383
Ion Ratio Lower Upper
79 100
108 82.1 69.4 104.2
77 62.5 49.7 74.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.794 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion: 45 Resp: 1647049
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.5
79 8.7 0.0 28.9

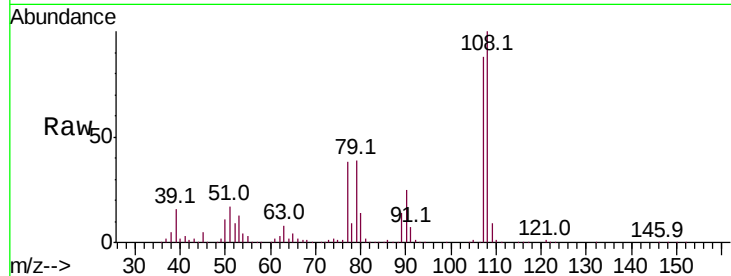




#17
2-Methylphenol
Concen: 39.276 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	43.4	33.5	50.3
79	44.1	33.3	49.9



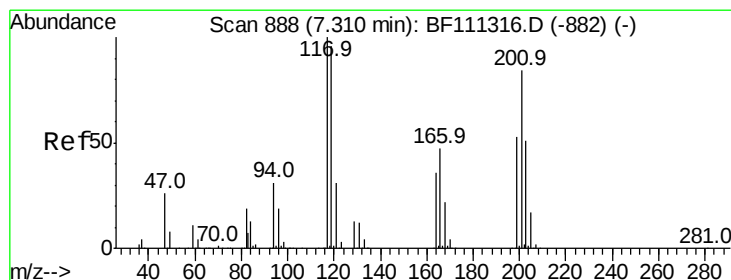
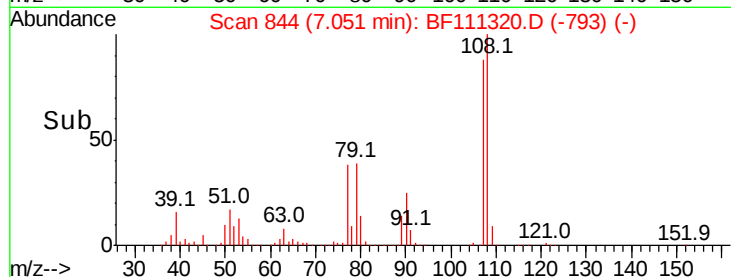
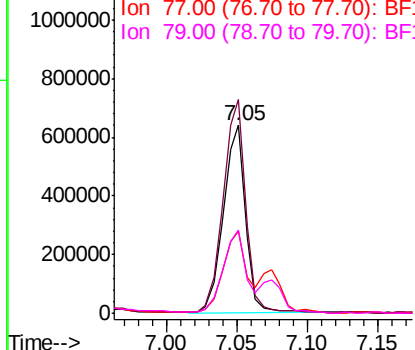
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

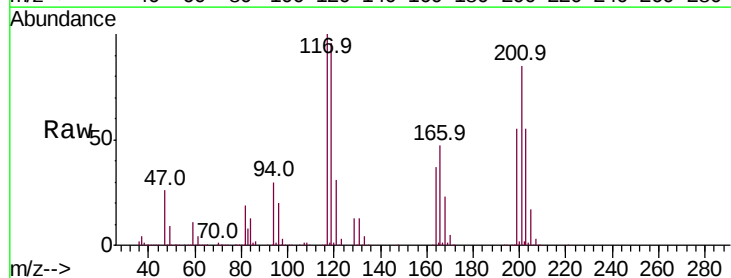
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.702 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.4	113.0
201	85.3	62.4	93.6

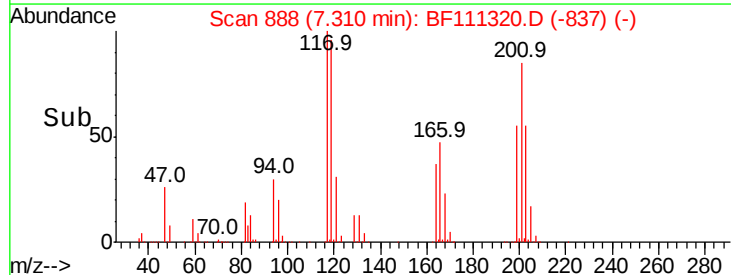
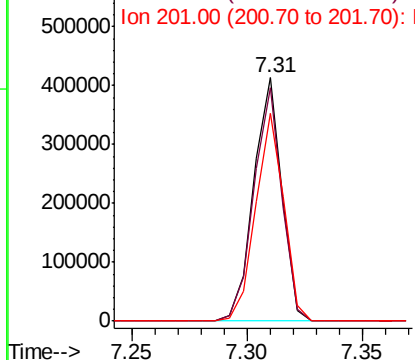


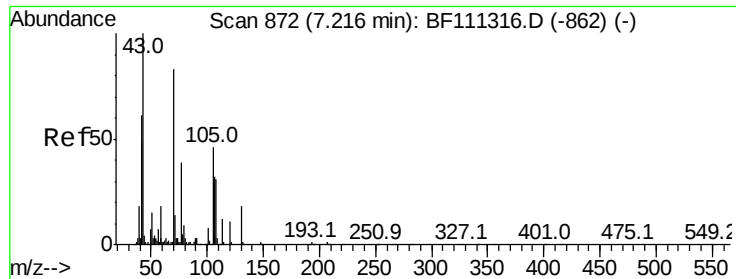
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

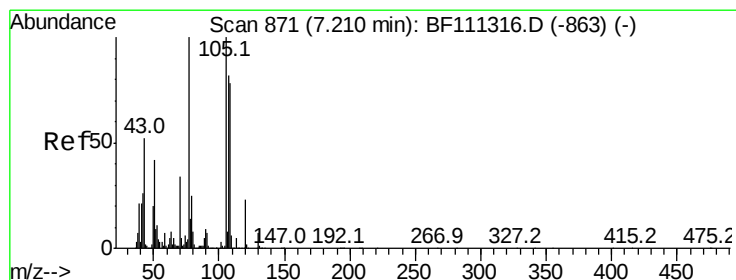
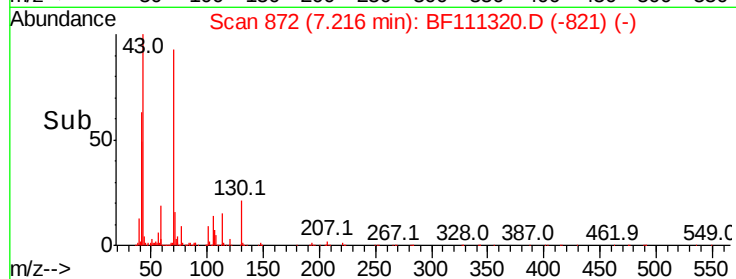
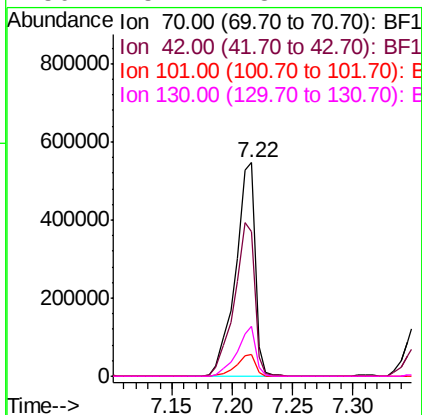
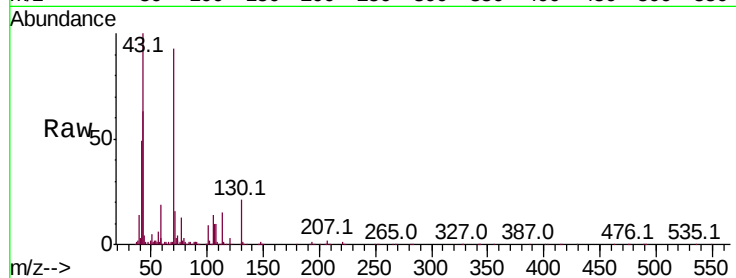




#19
n-Nitroso-di-n-propylamine
Concen: 39.255 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

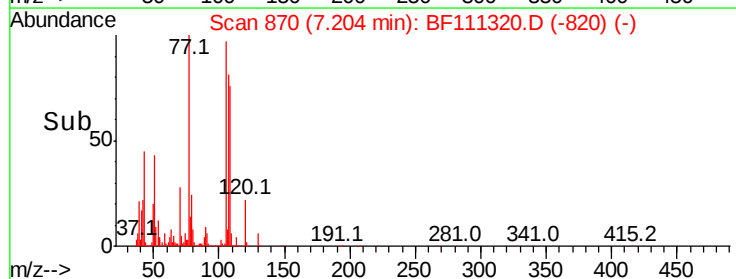
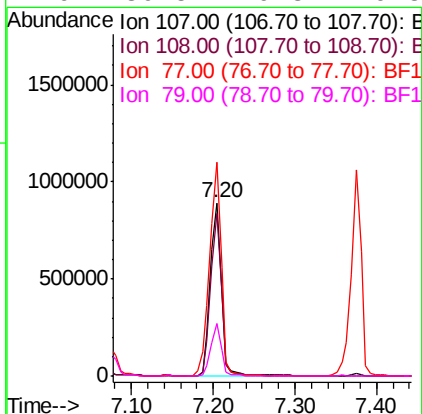
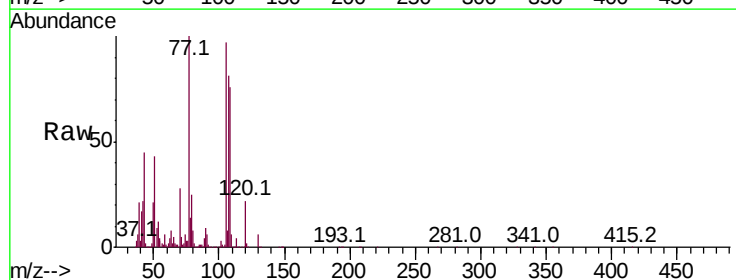
Instrument :
BNA_F
ClientSampleId :

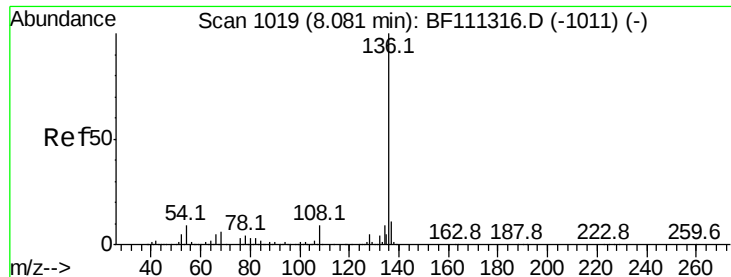
Tot Ion:	70	Resp:	625340
Ion	Ratio	Lower	Upper
70	100		
42	67.8	53.2	79.8
101	10.0	8.2	12.4
130	23.1	18.1	27.1



#20
3+4-Methylphenols
Concen: 39.384 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion:	107	Resp:	829414
Ion	Ratio	Lower	Upper
107	100		
108	94.2	72.1	112.1
77	123.5	94.1	134.1
79	30.5	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1258229

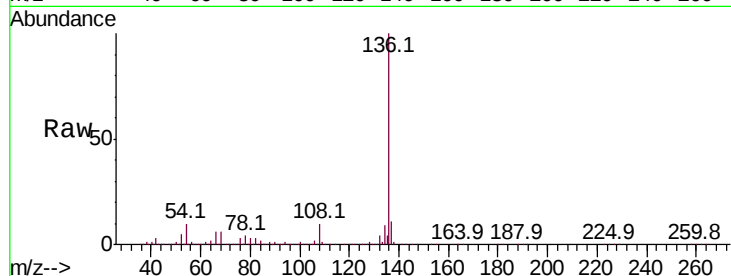
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.0 7.7 11.5

68 6.4 4.9 7.3

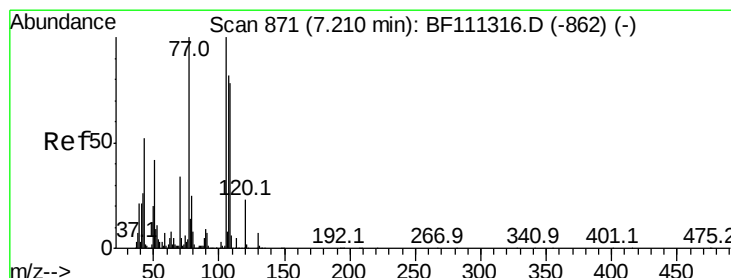
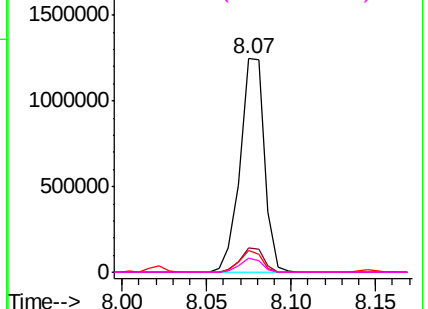
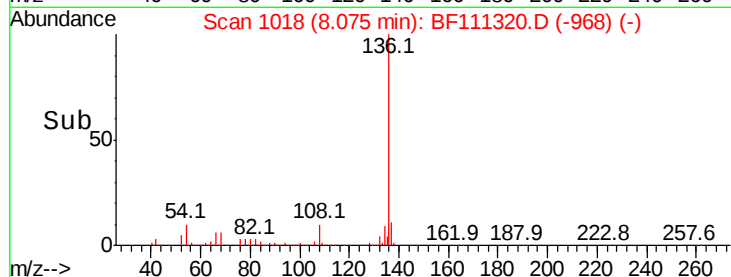


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.665 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion:105 Resp: 1130054

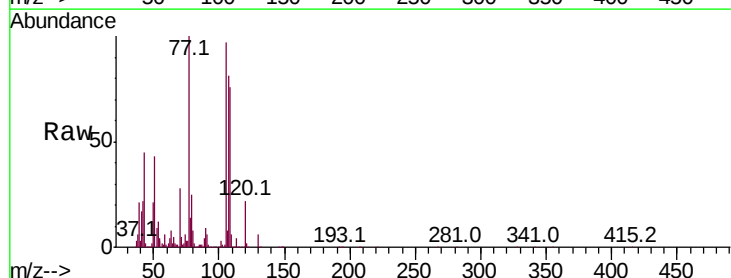
Ion Ratio Lower Upper

105 100

71 4.8 3.1 4.7#

51 44.2 36.6 54.8

120 22.3 18.2 27.4

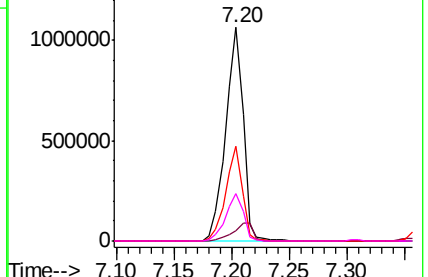
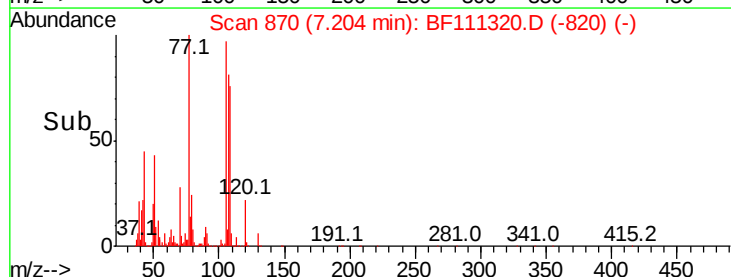


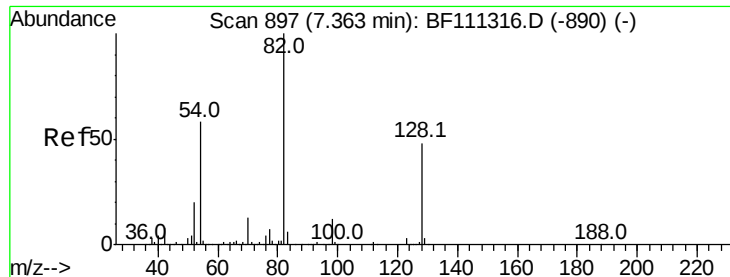
Abundance Ion 105.00 (104.70 to 105.70): E

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

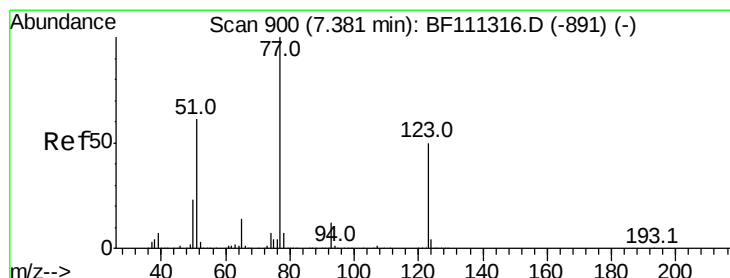
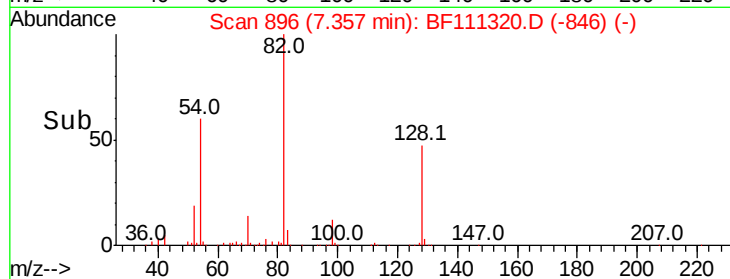
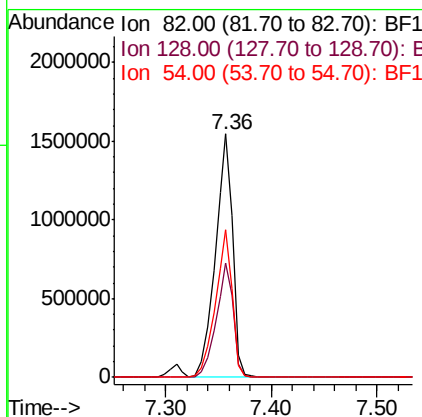
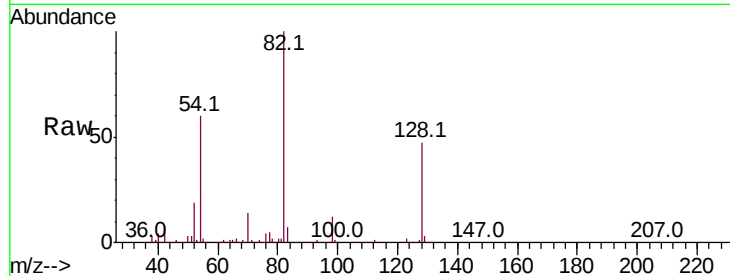




#23
Nitrobenzene-d5
Concen: 79.811 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

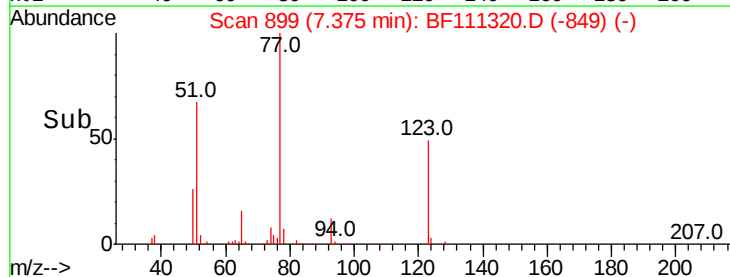
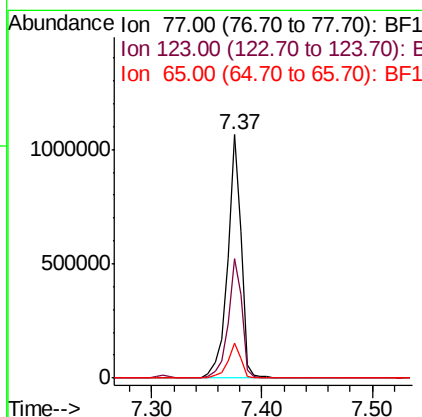
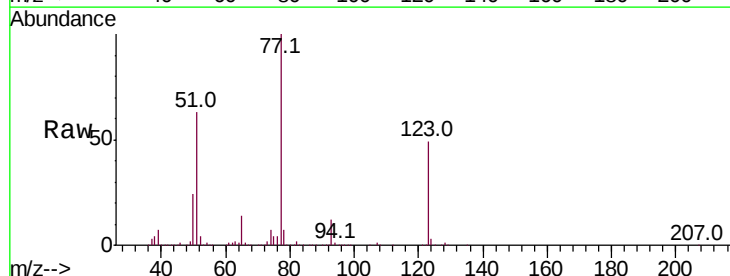
Instrument :
BNA_F
ClientSampleId :

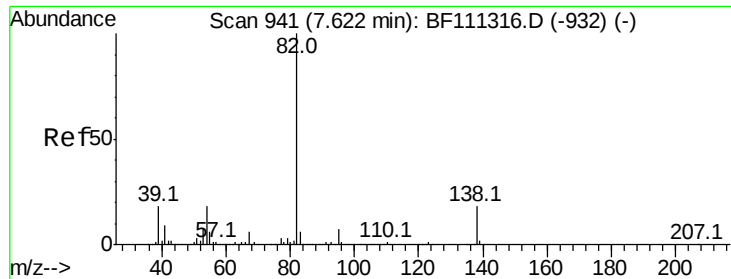
Tot Ion: 82 Resp: 1781657
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.2
54 60.4 47.6 71.4



#24
Nitrobenzene
Concen: 39.512 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion: 77 Resp: 908534
Ion Ratio Lower Upper
77 100
123 49.0 37.2 55.8
65 14.3 11.5 17.3

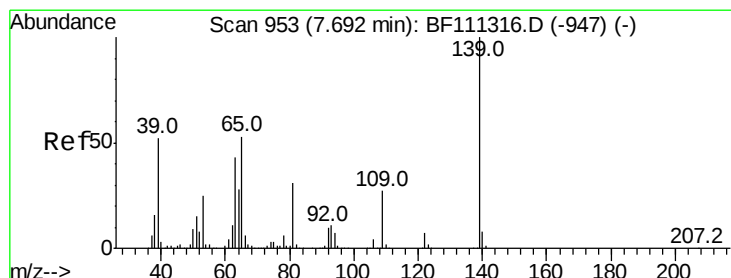
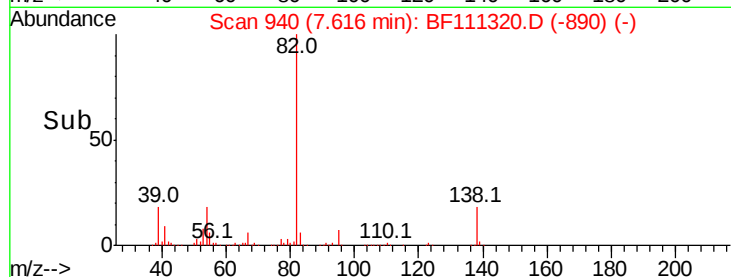
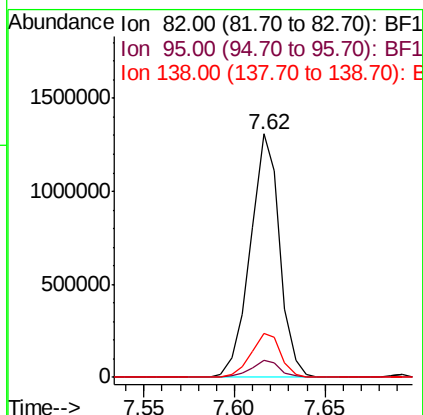
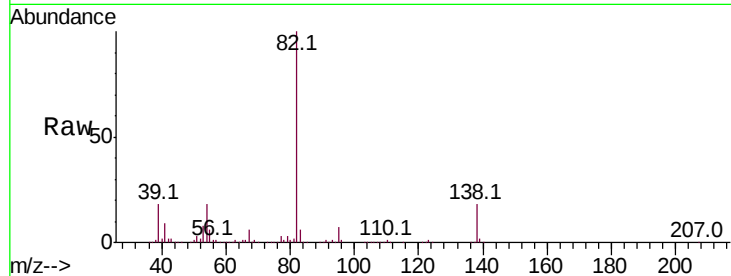




#25
Isophorone
Concen: 38.794 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

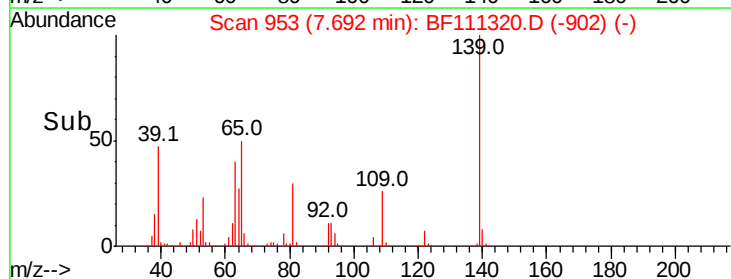
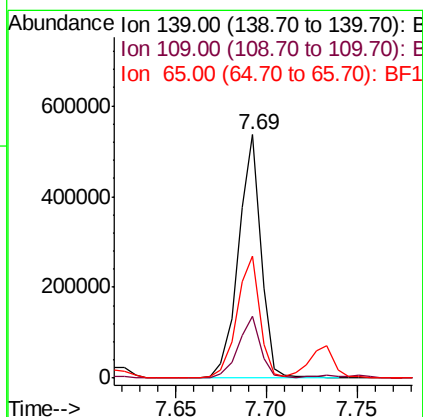
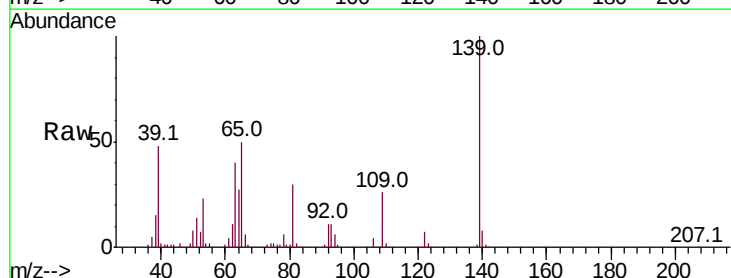
Instrument :
BNA_F
ClientSampleId :

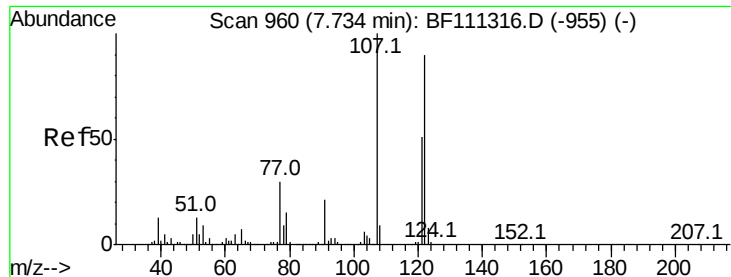
Tot Ion: 82 Resp: 1471065
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 17.9 15.1 22.7



#26
2-Nitrophenol
Concen: 41.225 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion: 139 Resp: 465941
Ion Ratio Lower Upper
139 100
109 25.5 20.2 30.4
65 49.9 40.7 61.1

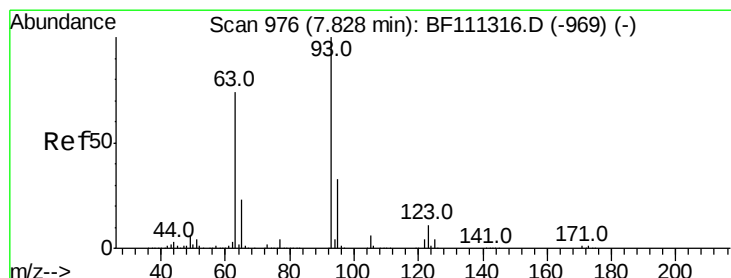
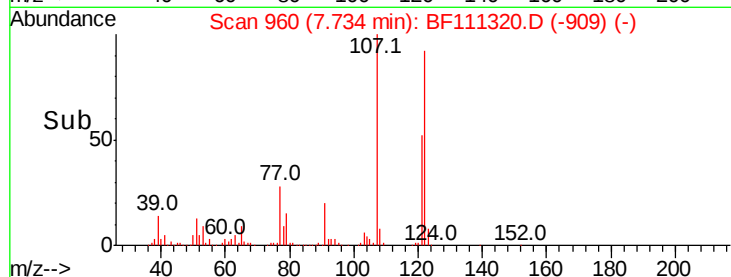
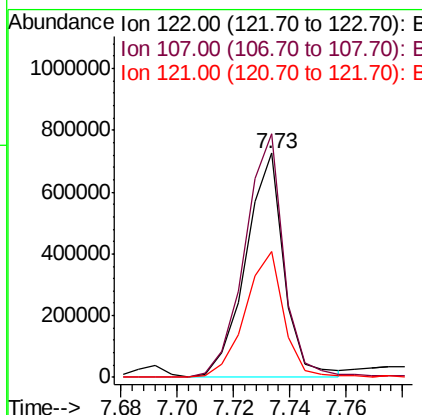
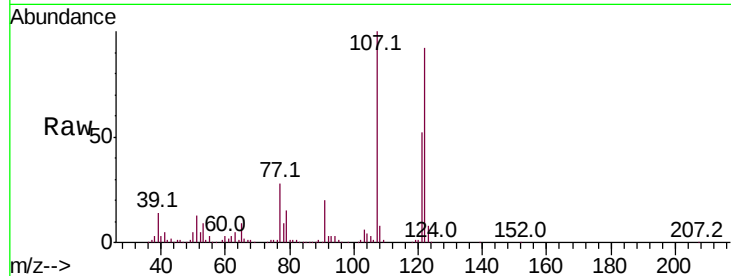




#27
 2,4-Dimethylphenol
 Concen: 40.027 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

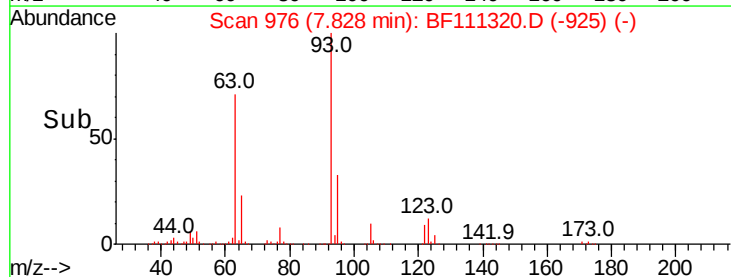
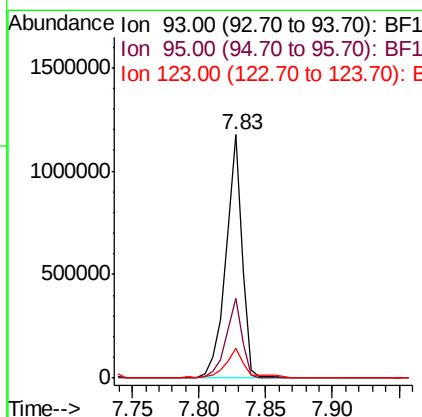
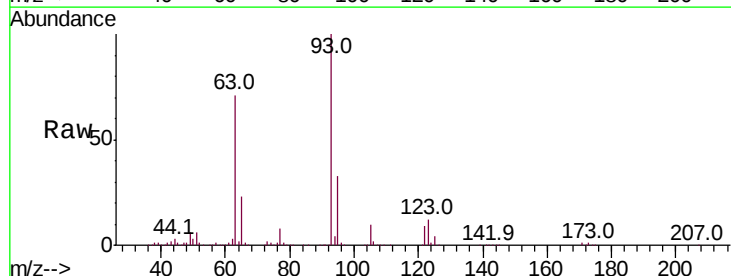
Instrument :
 BNA_F
 ClientSampled :

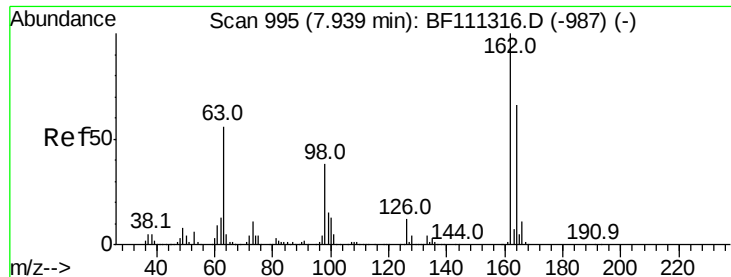
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.6	85.5	128.3
121	56.3	46.6	70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.977 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.1	40.7
123	12.2	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 39.554 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

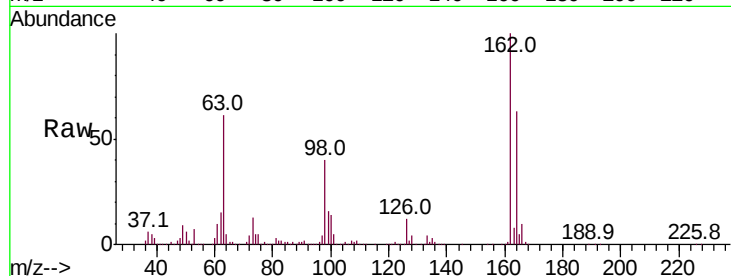
Tot Ion:162 Resp: 707914

Ion Ratio Lower Upper

162 100

164 63.3 44.4 84.4

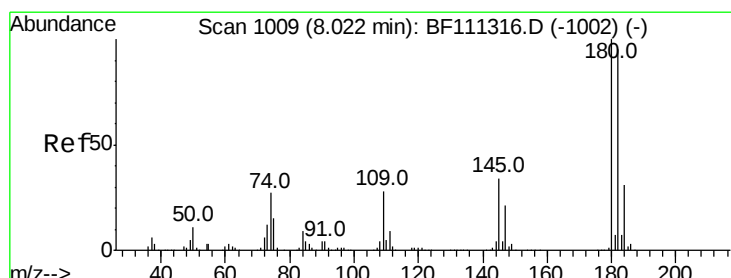
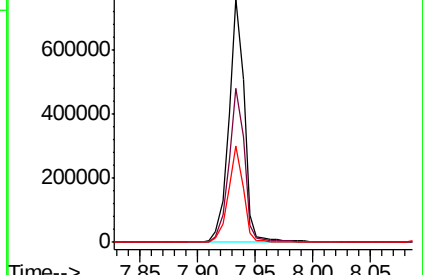
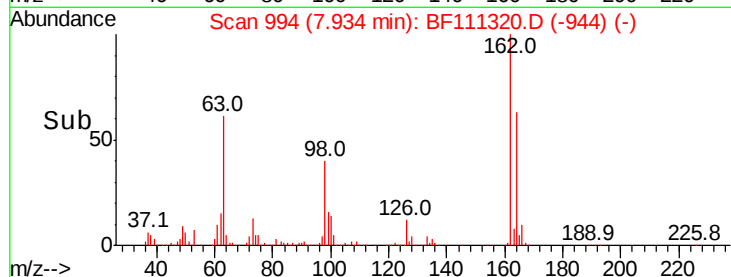
98 39.8 20.3 60.3



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: 39.241 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

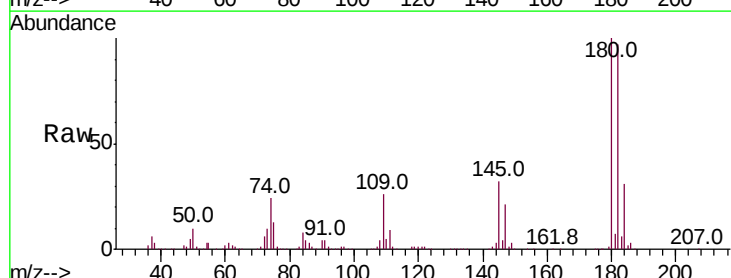
Tgt Ion:180 Resp: 721634

Ion Ratio Lower Upper

180 100

182 97.3 75.6 113.4

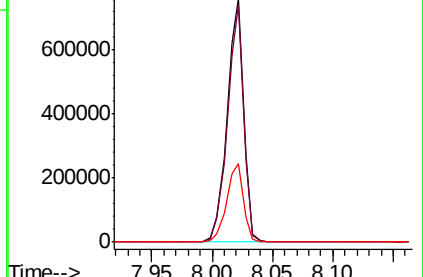
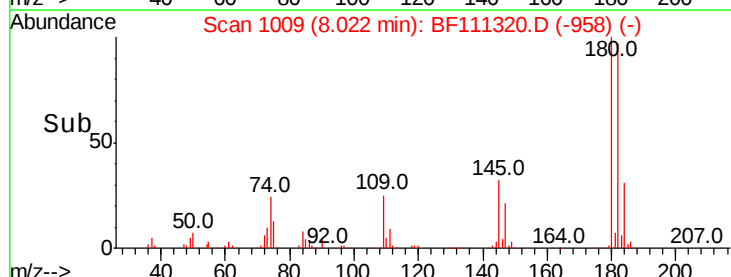
145 32.4 26.7 40.1

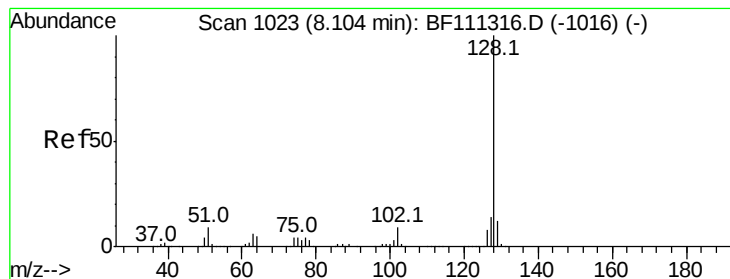


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.510 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

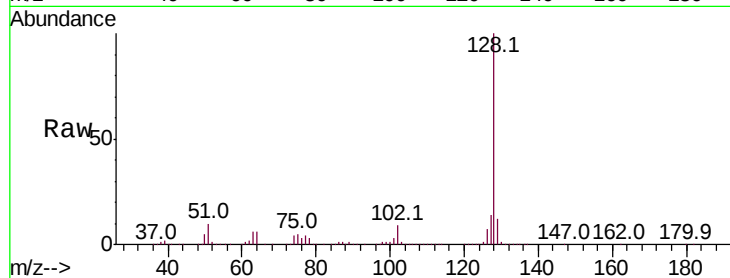
Tot Ion:128 Resp: 2316160

Ion Ratio Lower Upper

128 100

129 11.8 9.8 14.8

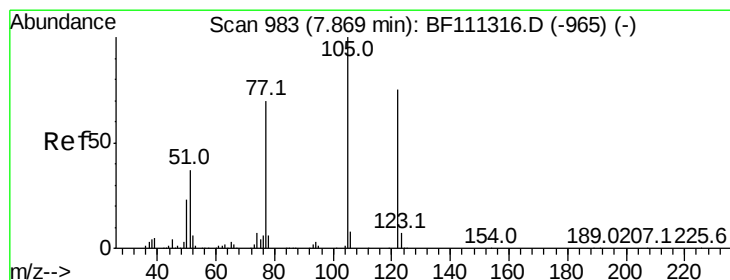
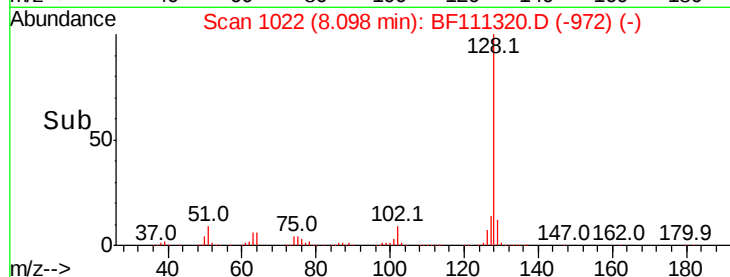
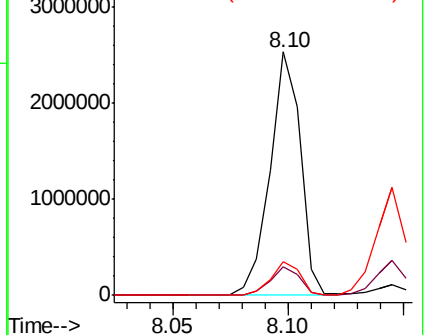
127 13.7 12.0 18.0



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: 44.356 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

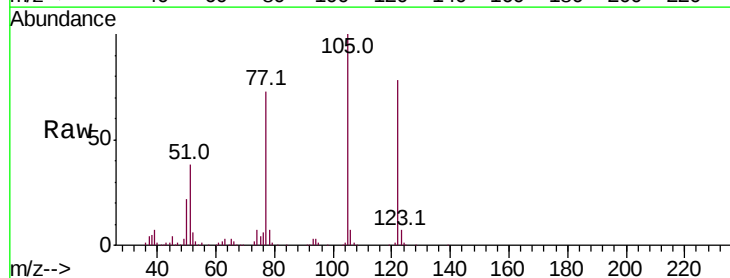
Tgt Ion:122 Resp: 632634

Ion Ratio Lower Upper

122 100

105 128.1 97.0 137.0

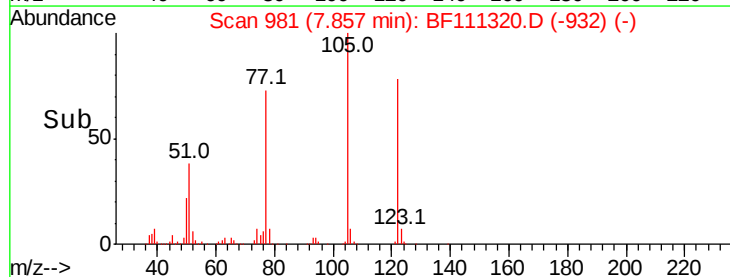
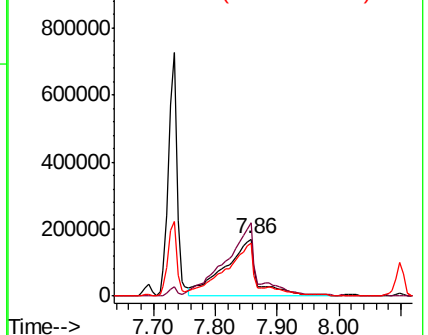
77 93.3 65.7 105.7

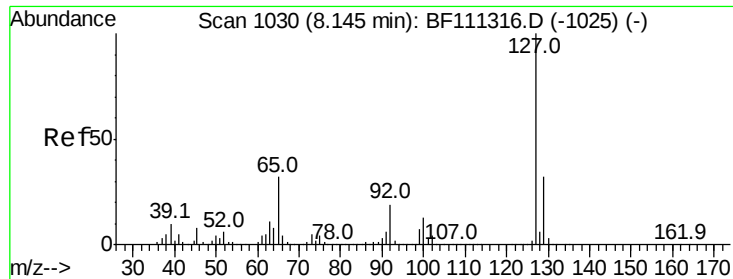


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

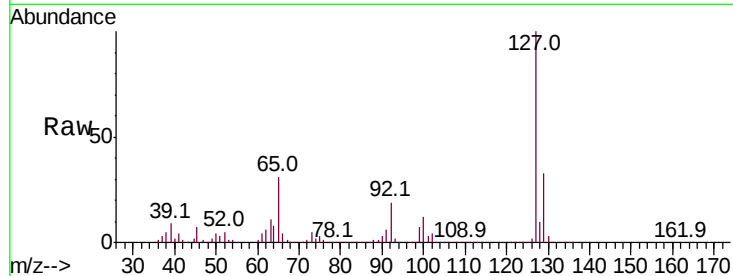




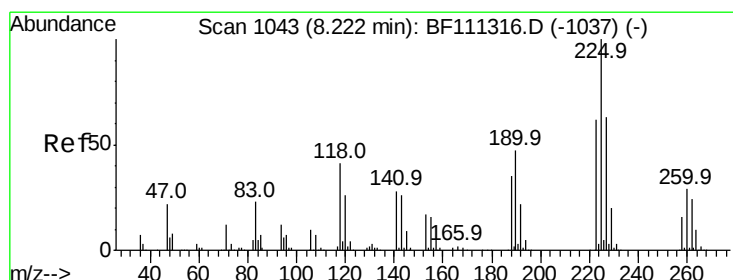
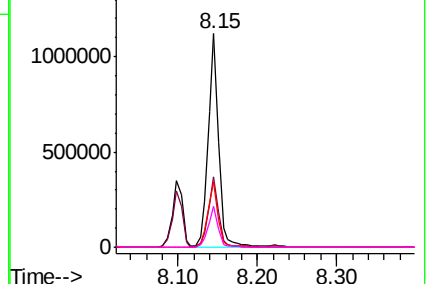
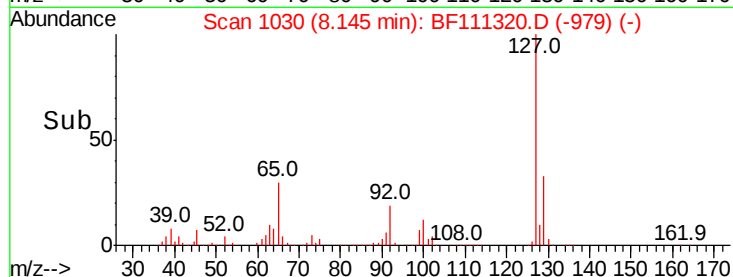
#33
4-Chloroaniline
Concen: 41.724 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1044588
Ion Ratio Lower Upper
127 100
129 32.7 26.6 39.8
65 30.8 25.7 38.5
92 19.2 15.4 23.2

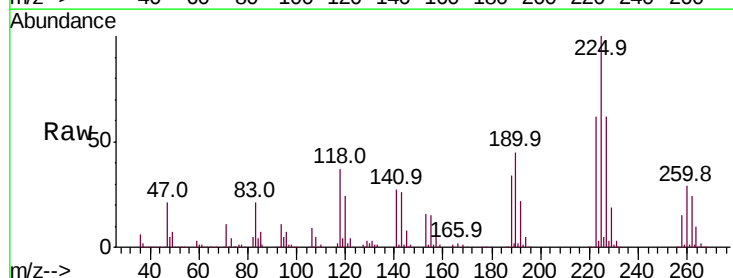


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

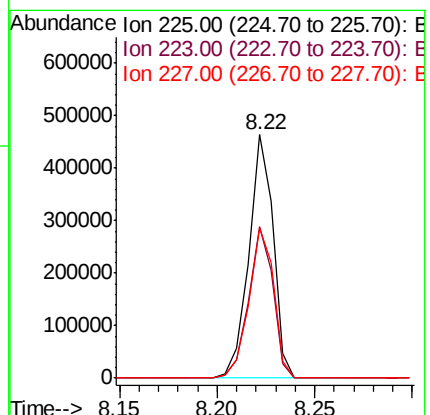
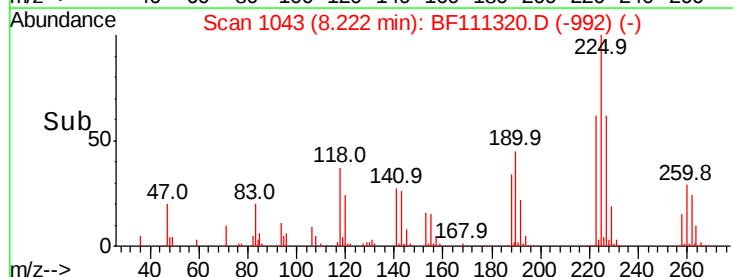


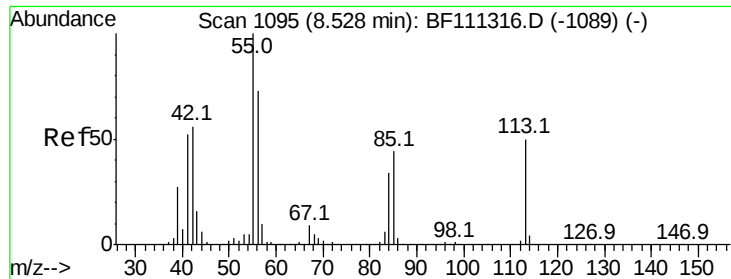
#34
Hexachlorobutadiene
Concen: 39.260 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion:225 Resp: 400525
Ion Ratio Lower Upper
225 100
223 62.2 50.7 76.1
227 61.8 52.6 78.8



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

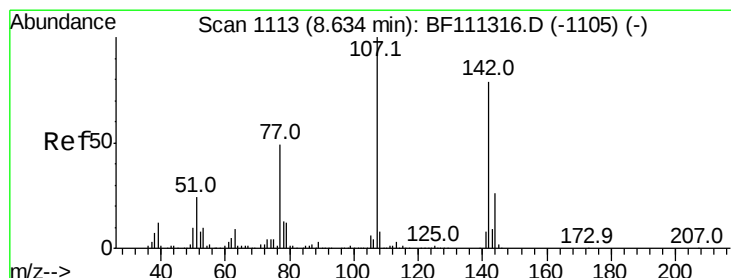
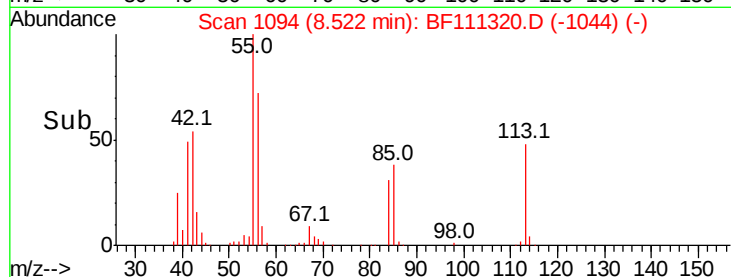
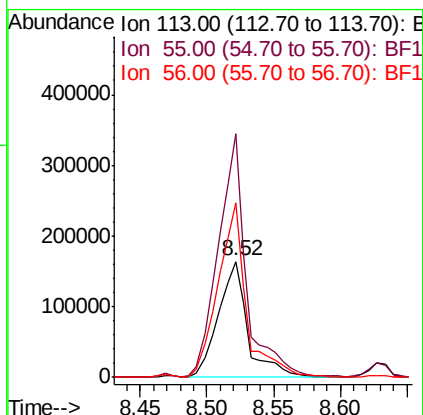
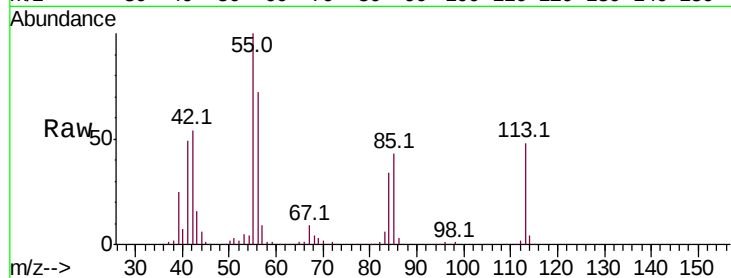




#35
 Caprolactam
 Concen: 40.359 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

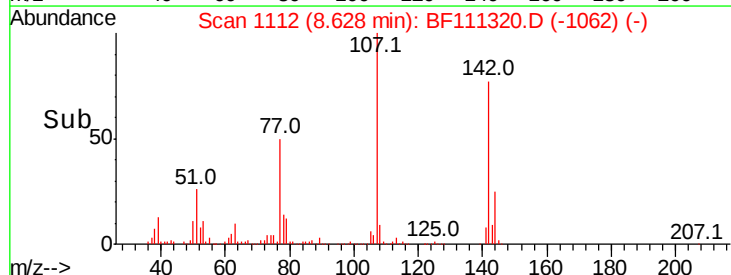
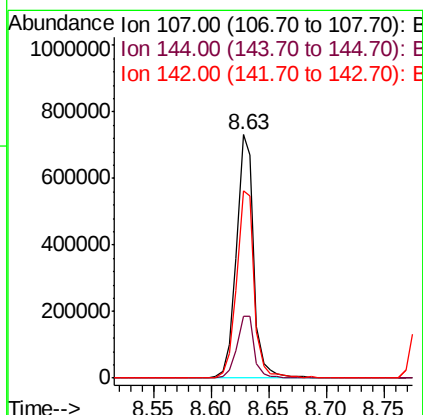
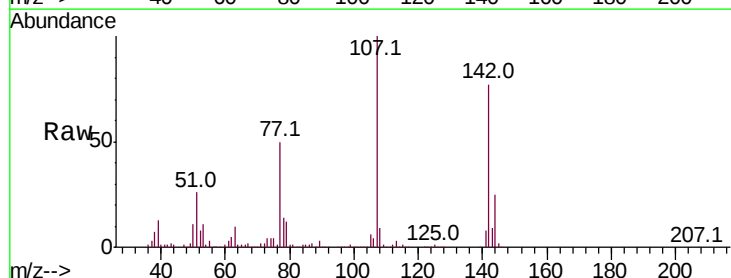
Instrument :
 BNA_F
 ClientSampleId :

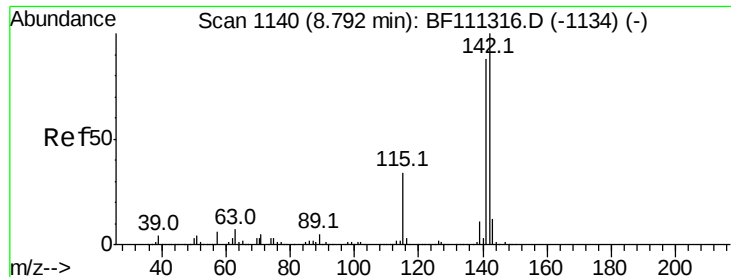
Tot Ion:113 Resp: 253100
 Ion Ratio Lower Upper
 113 100
 55 209.9 184.1 224.1
 56 150.5 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.879 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Tgt Ion:107 Resp: 760570
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.8 29.6
 142 77.1 62.3 93.5

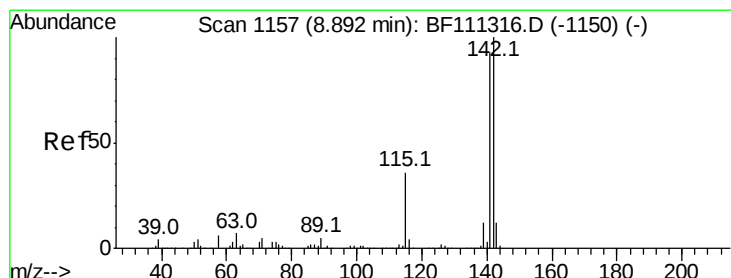
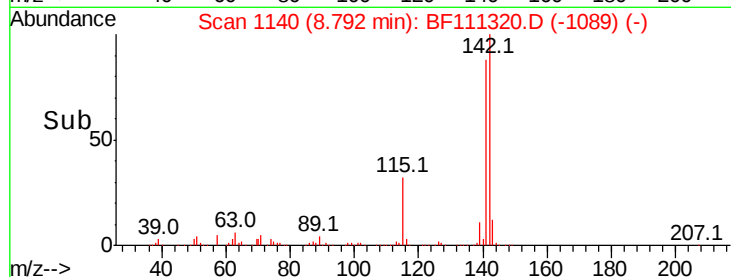
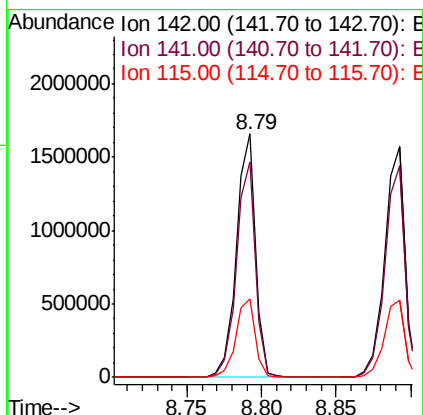
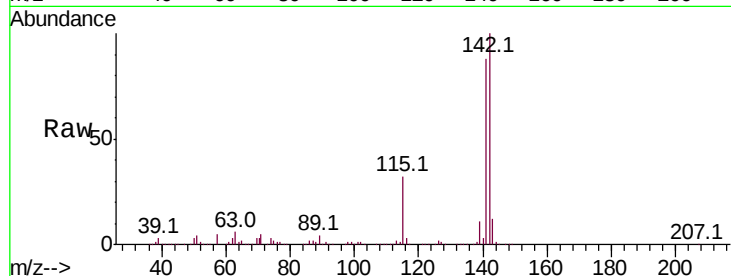




#37
2-Methylnaphthalene
Concen: 39.312 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

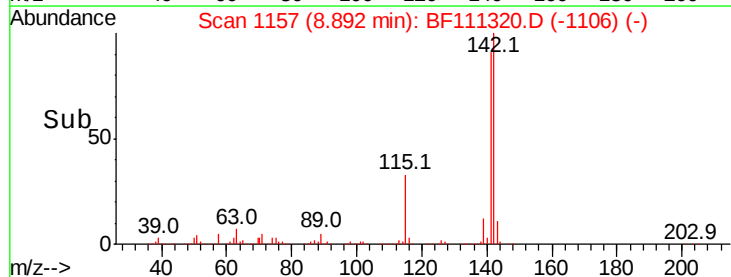
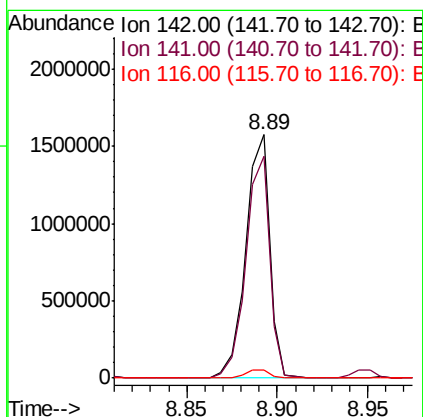
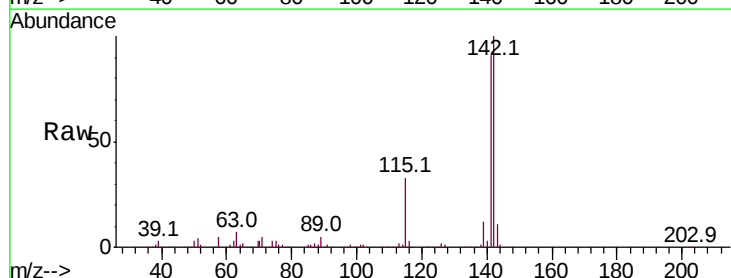
Instrument :
BNA_F
ClientSampleId :

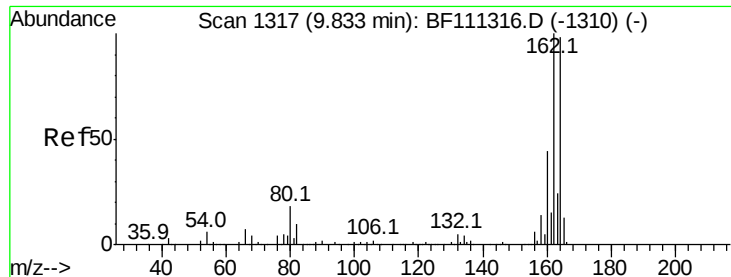
Tot Ion:142 Resp: 1489724
Ion Ratio Lower Upper
142 100
141 88.5 70.6 105.8
115 32.5 27.0 40.6



#38
1-Methylnaphthalene
Concen: 39.441 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion:142 Resp: 1442527
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4
116 3.4 2.9 4.3

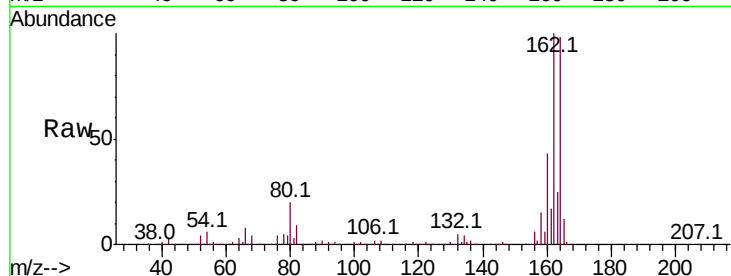




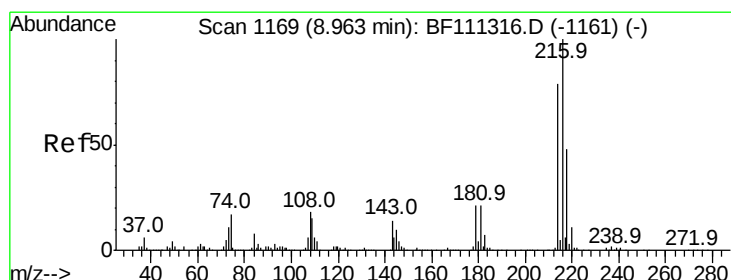
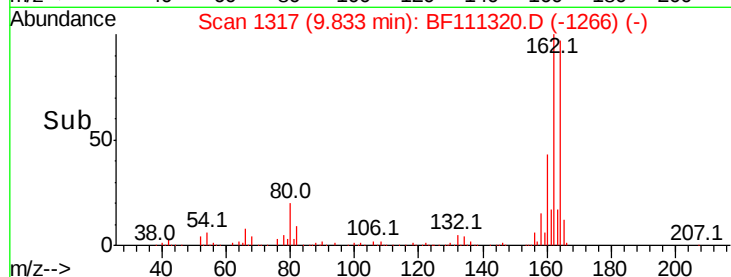
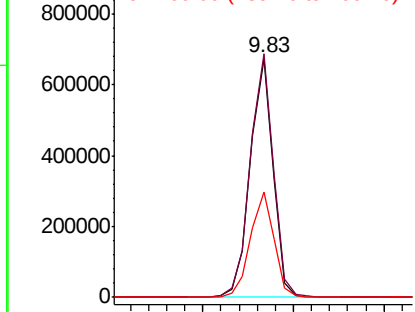
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.0
160	44.1	35.7	53.5



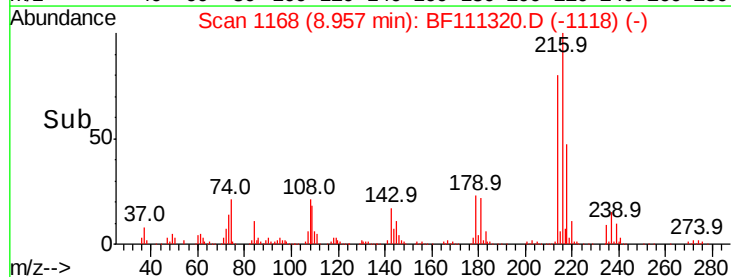
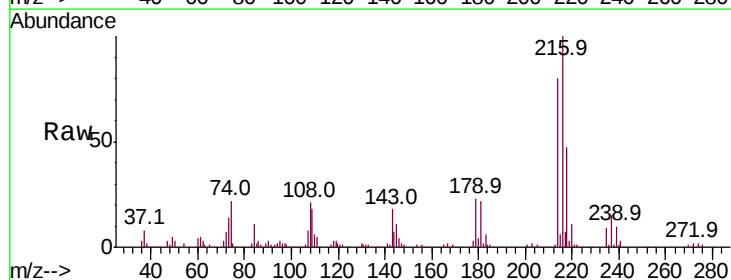
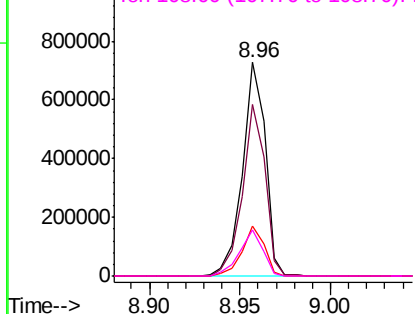
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

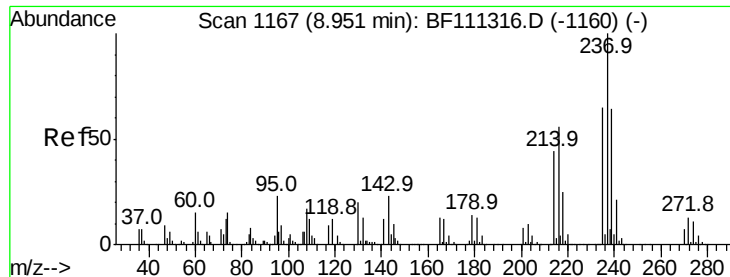


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.602 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	22.6	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

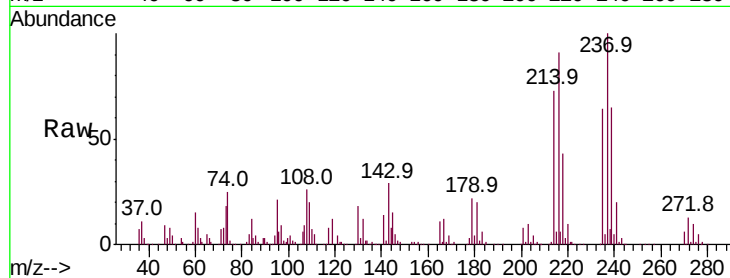




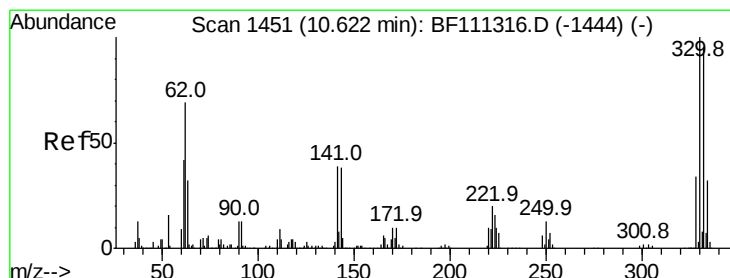
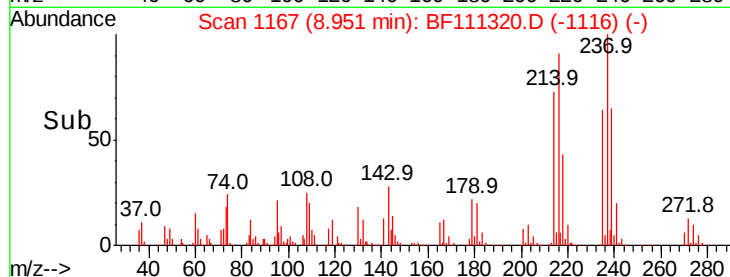
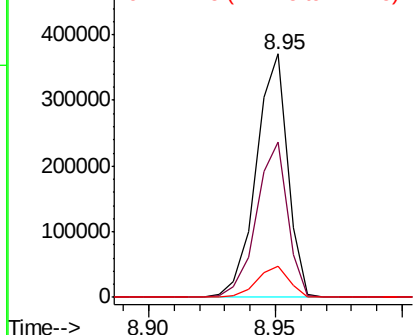
#41
Hexachlorocyclopentadiene
Concen: 37.475 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion: 237 Resp: 323345
Ion Ratio Lower Upper
237 100
235 63.8 43.1 83.1
272 12.8 0.0 33.0

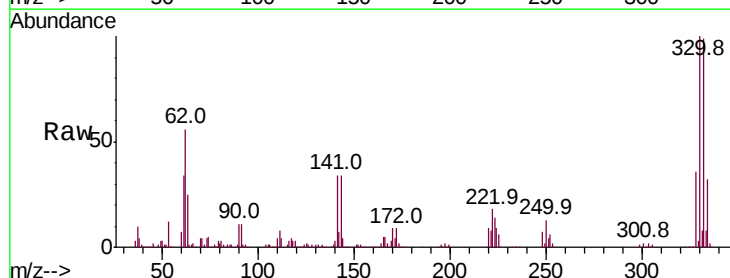


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

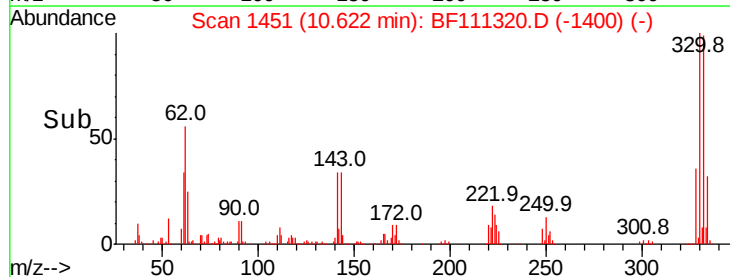
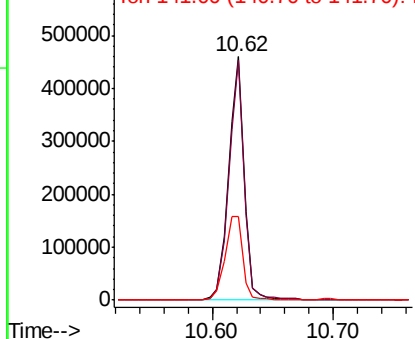


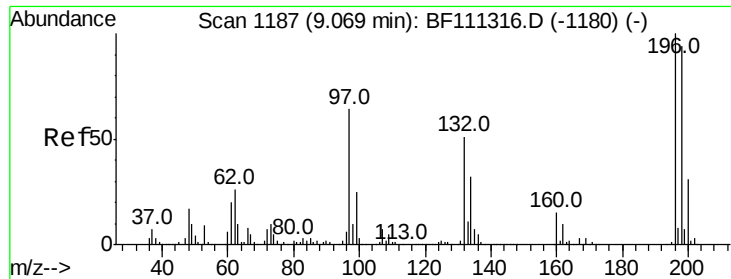
#42
2,4,6-Tribromophenol
Concen: 79.402 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion: 330 Resp: 411457
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 39.4 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

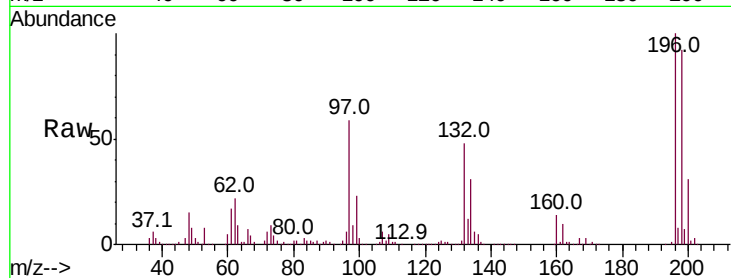




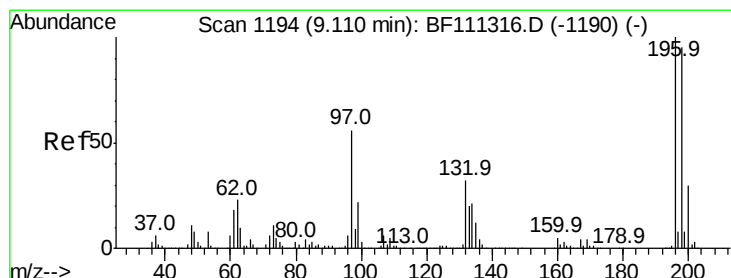
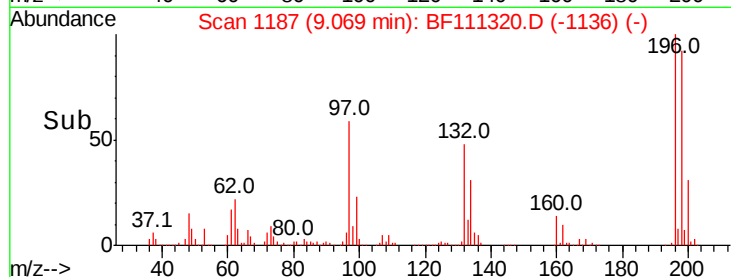
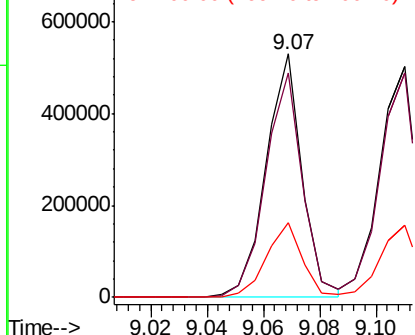
#43
 2,4,6-Trichlorophenol
 Concen: 39.667 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 469138
 Ion Ratio Lower Upper
 196 100
 198 92.1 76.3 114.5
 200 30.7 24.9 37.3

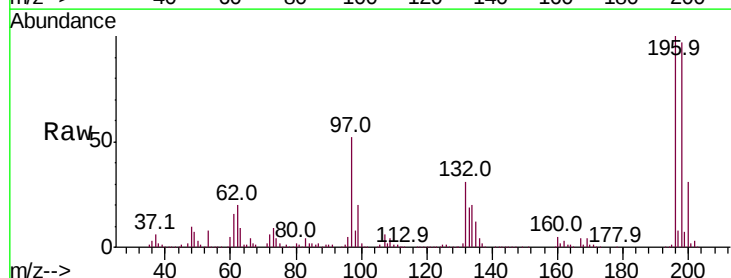


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

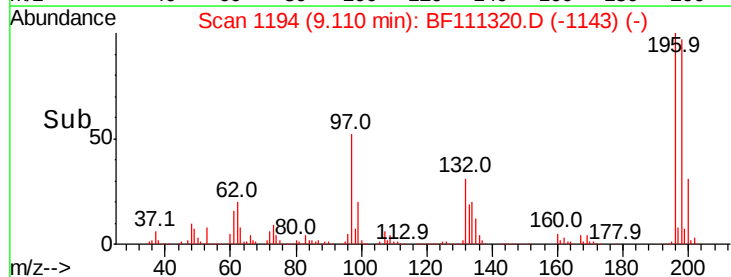
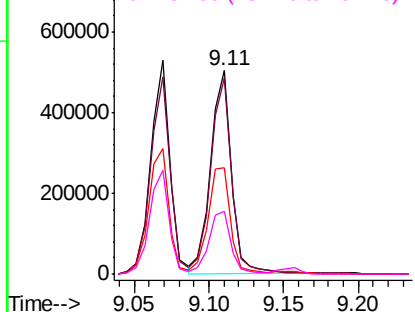


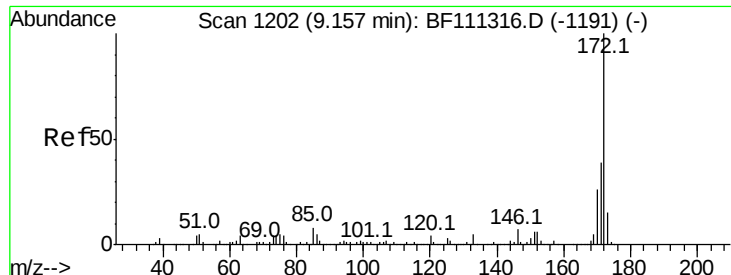
#44
 2,4,5-Trichlorophenol
 Concen: 39.085 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Tgt Ion:196 Resp: 488529
 Ion Ratio Lower Upper
 196 100
 198 96.8 72.9 109.3
 97 52.2 45.3 67.9
 132 31.1 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

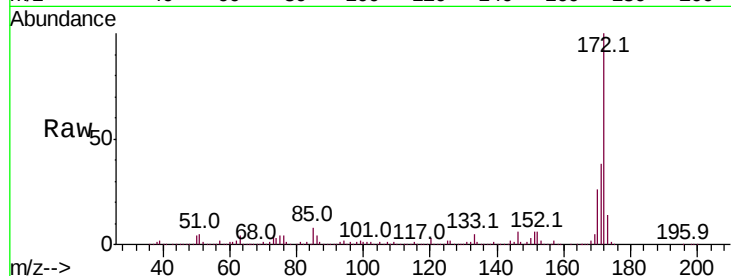




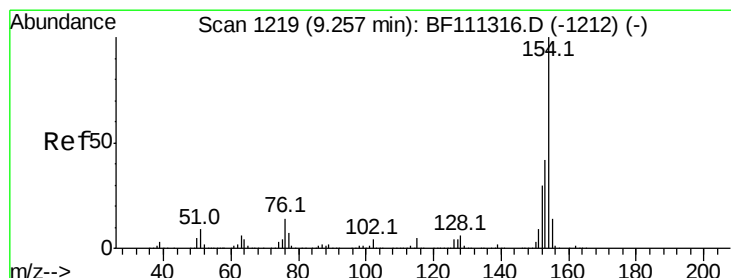
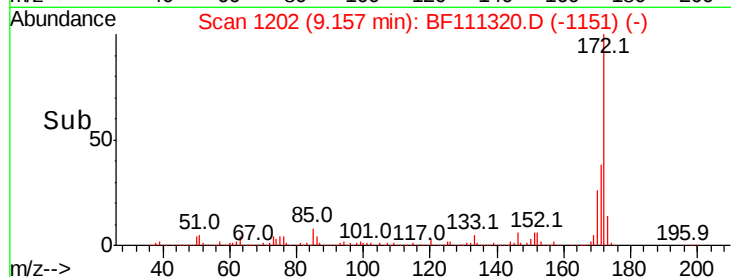
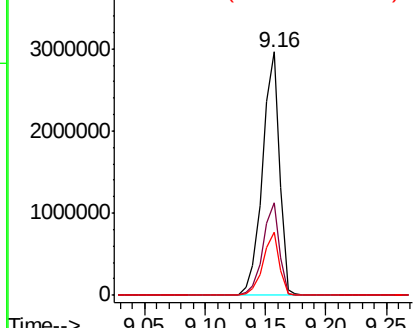
#45
2-Fluorobiphenyl
Concen: 80.195 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2936341
Ion Ratio Lower Upper
172 100
171 37.8 33.0 49.4
170 25.9 22.3 33.5

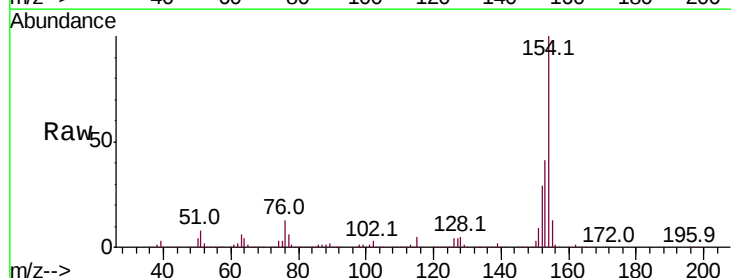


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

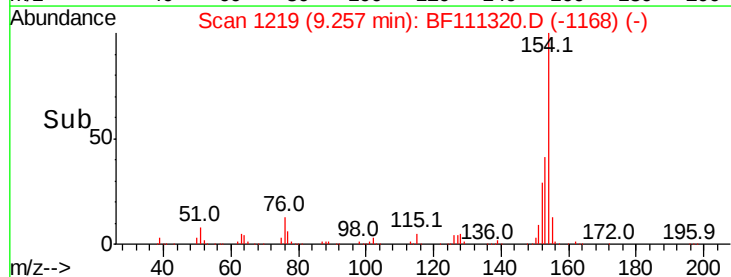
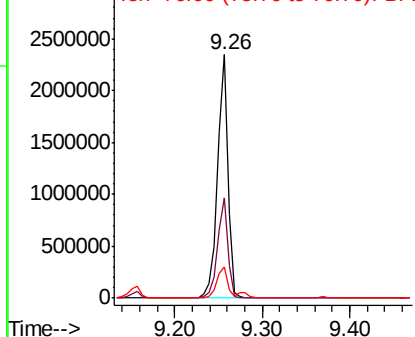


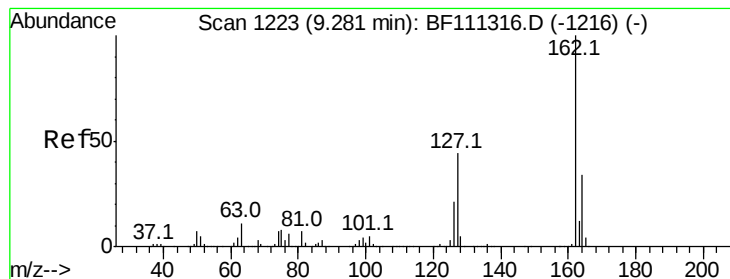
#46
1,1'-Biphenyl
Concen: 38.717 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion:154 Resp: 1941905
Ion Ratio Lower Upper
154 100
153 41.4 23.7 63.7
76 13.0 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: 39.249 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

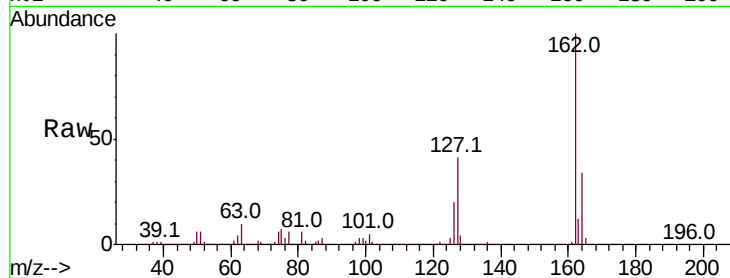
Tot Ion:162 Resp: 1507631

Ion Ratio Lower Upper

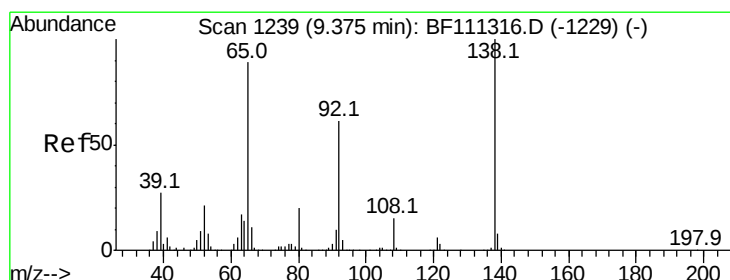
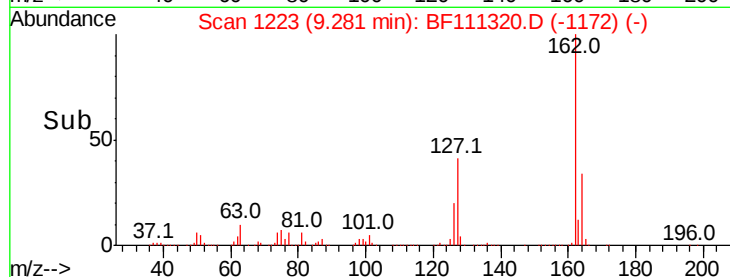
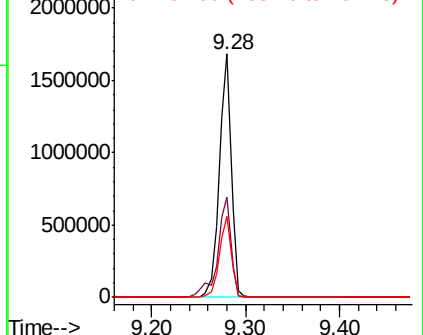
162 100

127 41.4 35.0 52.4

164 33.5 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: 40.749 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

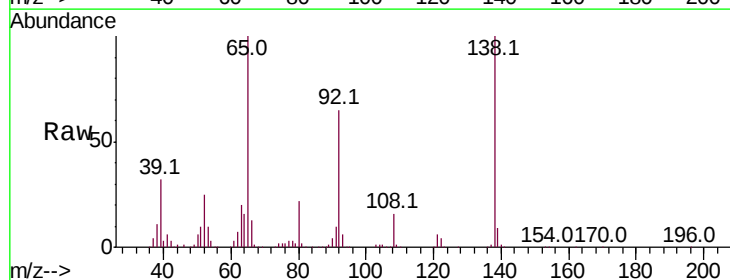
Tgt Ion: 65 Resp: 508637

Ion Ratio Lower Upper

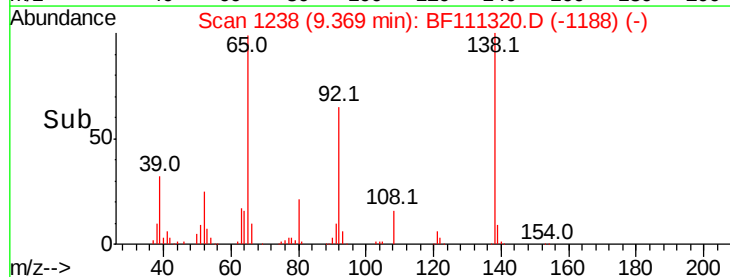
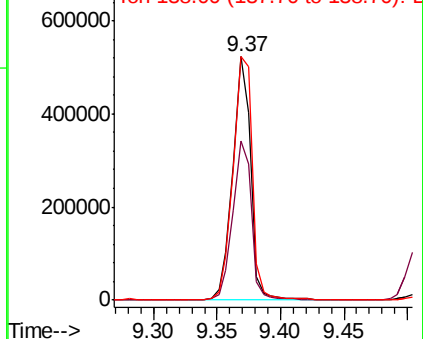
65 100

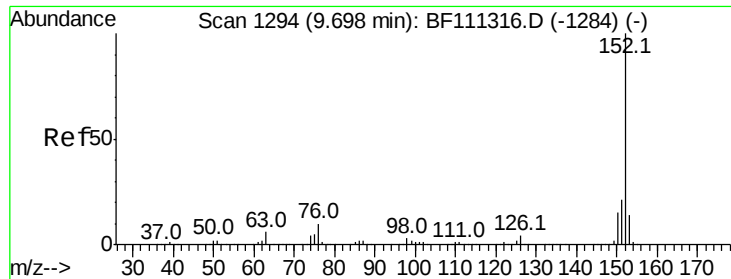
92 65.3 53.5 80.3

138 100.1 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: 39.435 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

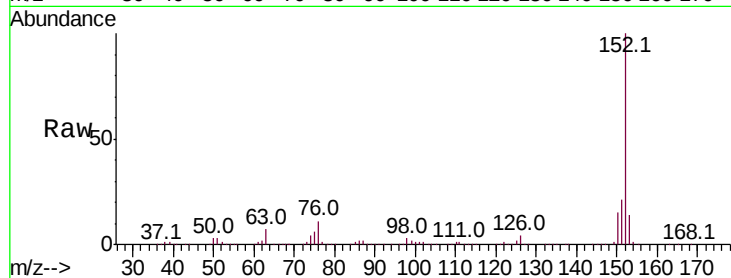
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 2213067

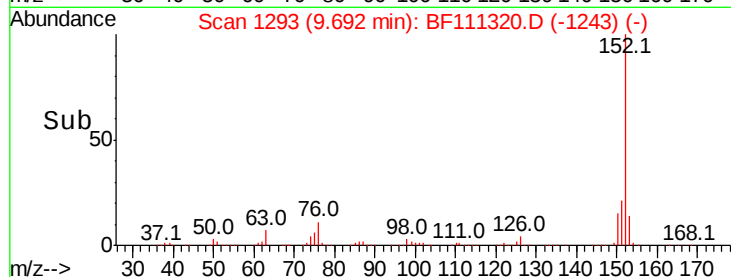
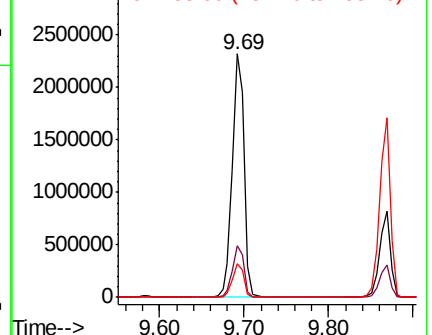
Ion	Ratio	Lower	Upper
152	100		
151	21.2	18.0	27.0
153	14.0	12.3	18.5



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: 39.250 ng

RT: 9.56 min Scan# 1270

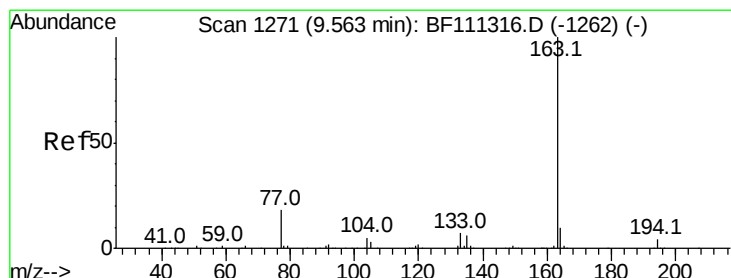
Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion:163 Resp: 1659208

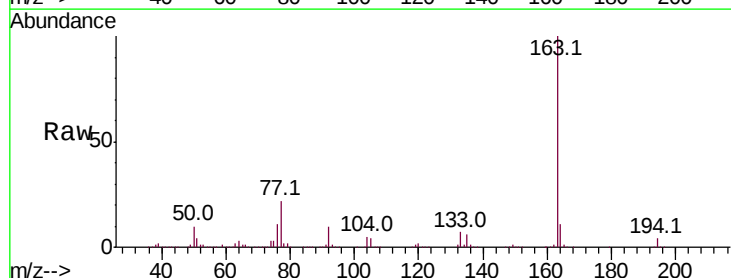
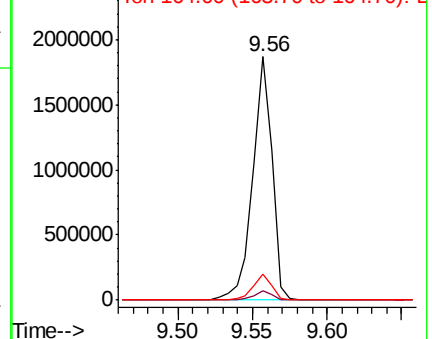
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.6	8.9	13.3

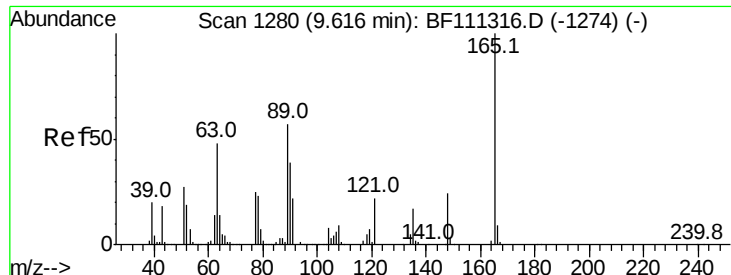


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

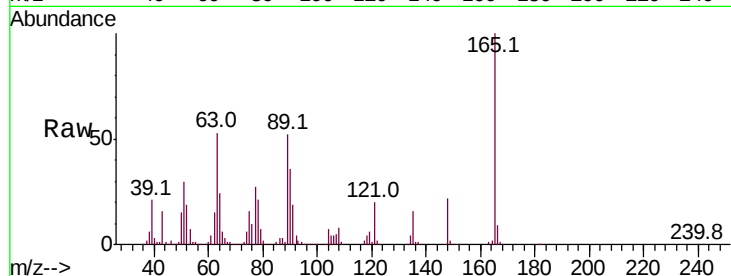




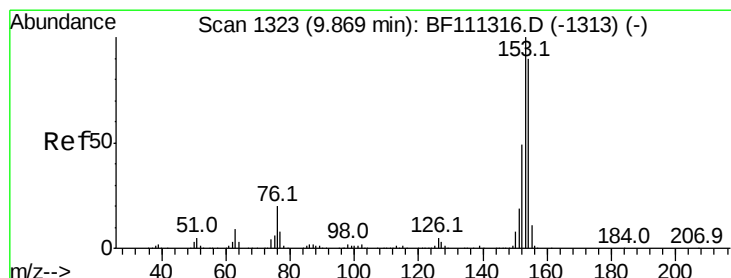
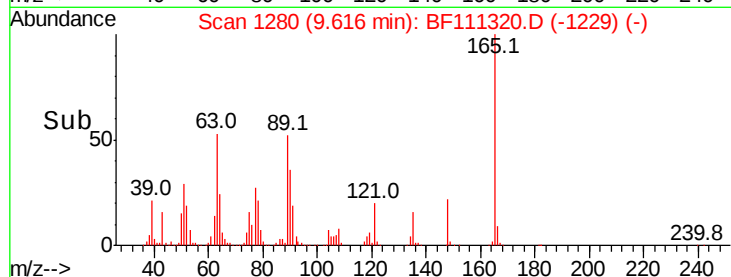
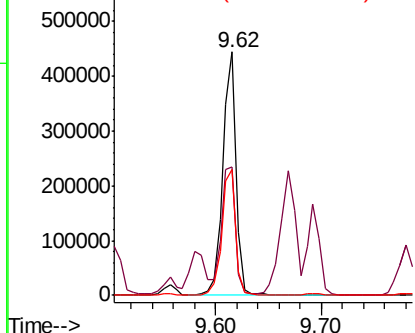
#51
2,6-Dinitrotoluene
Concen: 41.912 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 392725
Ion Ratio Lower Upper
165 100
63 52.9 40.5 60.7
89 51.6 40.0 60.0

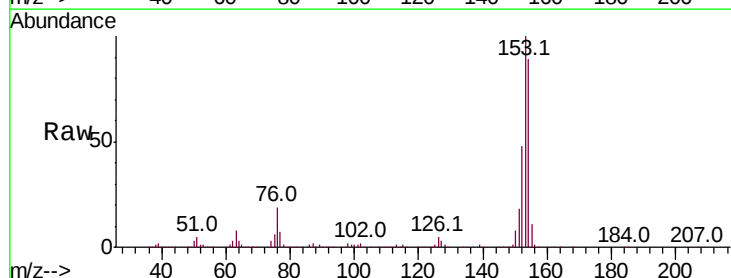


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

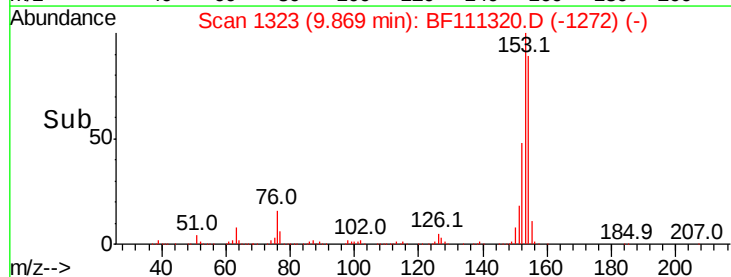
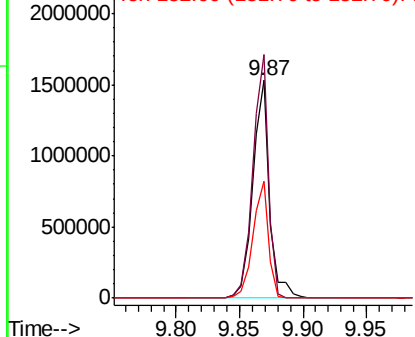


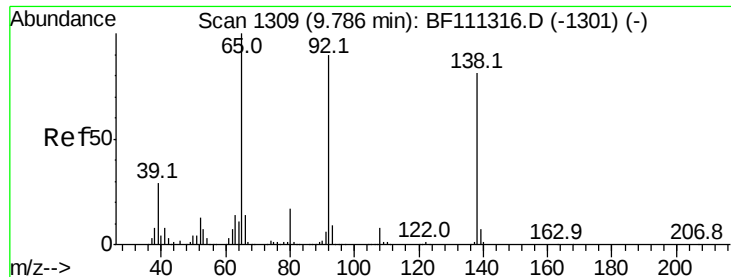
#52
Acenaphthene
Concen: 39.935 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion:154 Resp: 1413559
Ion Ratio Lower Upper
154 100
153 111.8 87.8 131.8
152 54.0 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

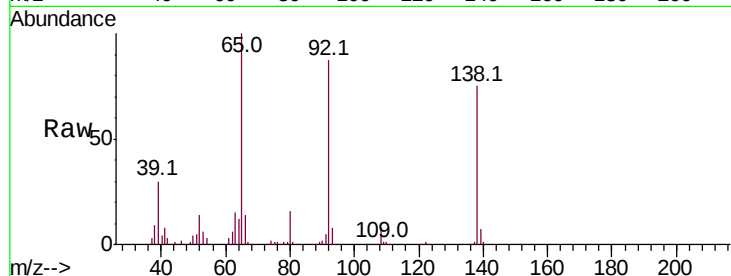




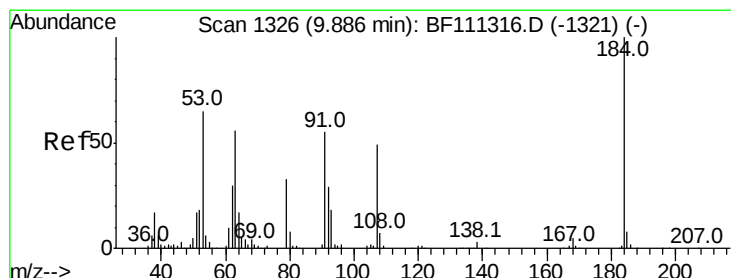
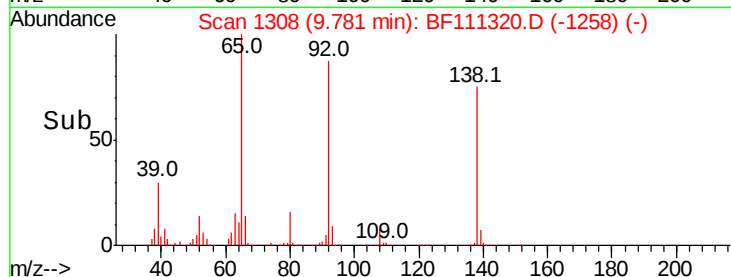
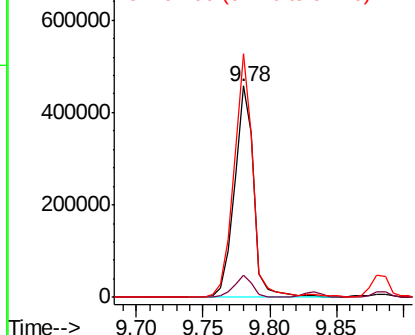
#53
3-Nitroaniline
Concen: 41.256 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 464664
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.4
92 115.4 93.4 140.2

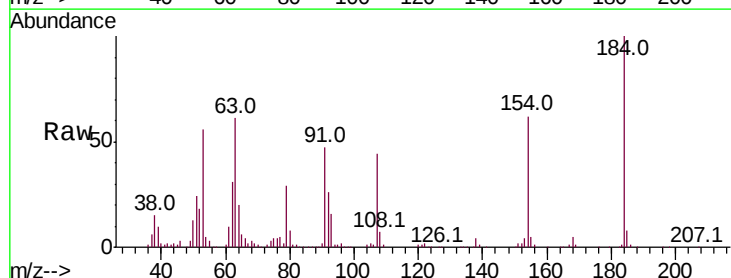


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

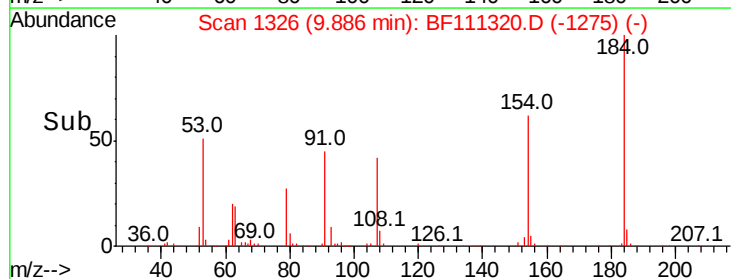
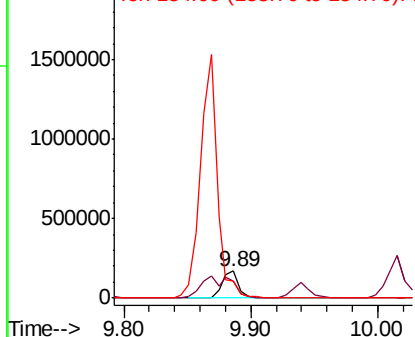


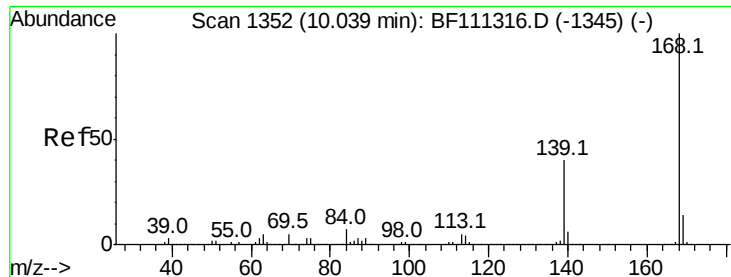
#54
2,4-Dinitrophenol
Concen: 44.094 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion:184 Resp: 162102
Ion Ratio Lower Upper
184 100
63 61.3 62.3 93.5#
154 62.5 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

Dibenzenofuran

Concen: 39.485 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

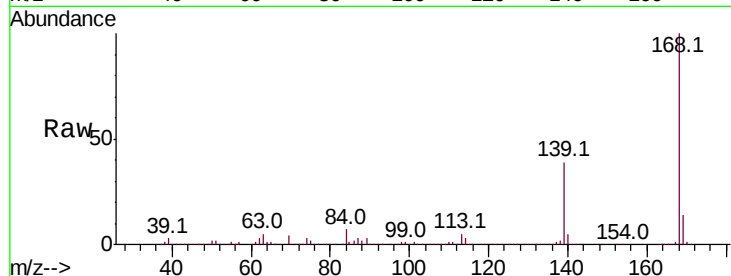
Tot Ion:168 Resp: 2017659

Ion Ratio Lower Upper

168 100

139 39.1 32.6 49.0

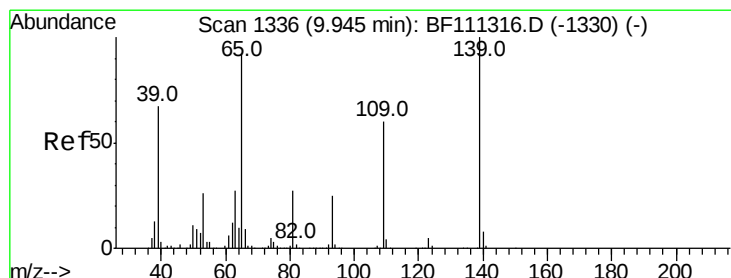
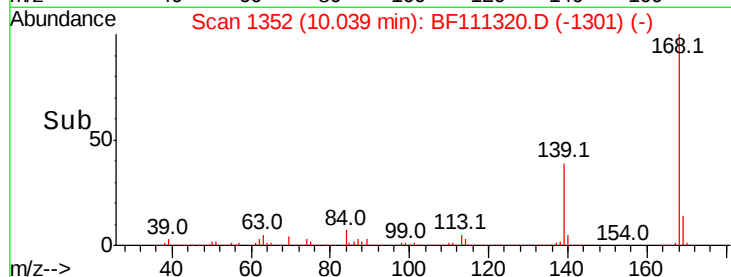
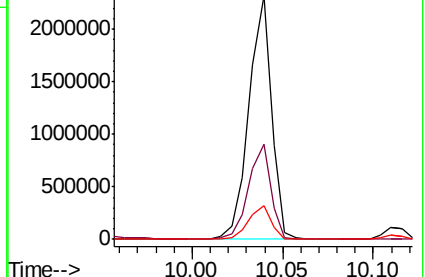
169 13.8 11.8 17.6



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: 43.302 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

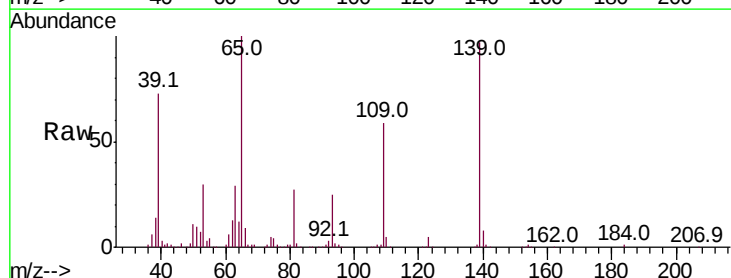
Tgt Ion:139 Resp: 351216

Ion Ratio Lower Upper

139 100

109 60.4 41.8 81.8

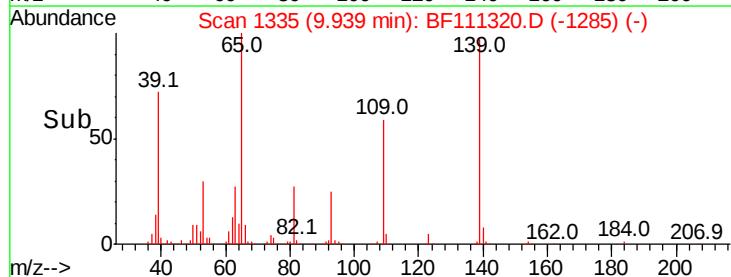
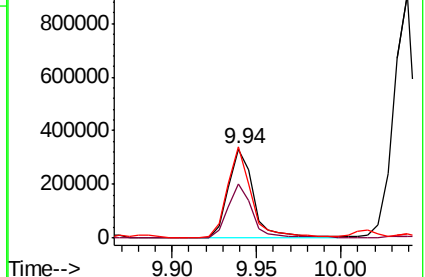
65 103.1 79.6 119.6

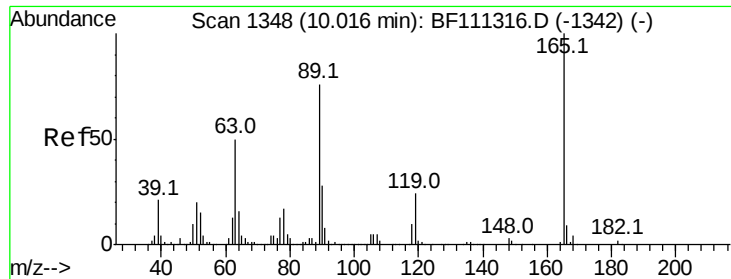


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

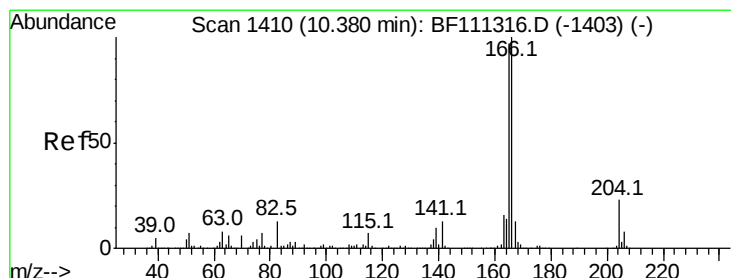
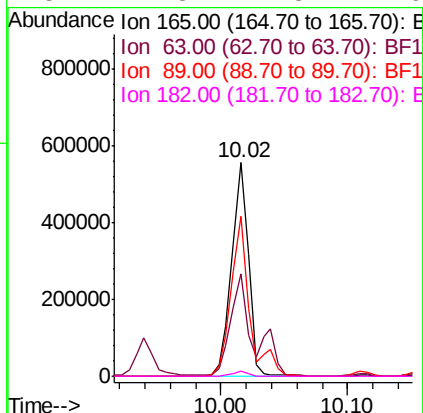
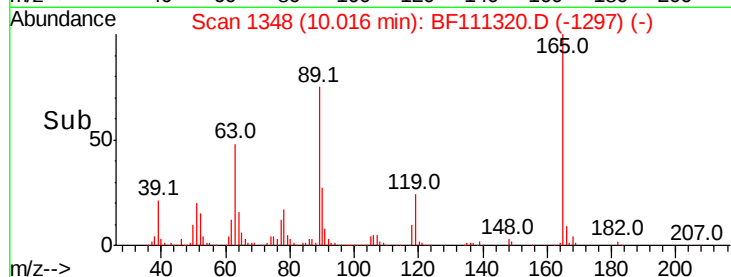
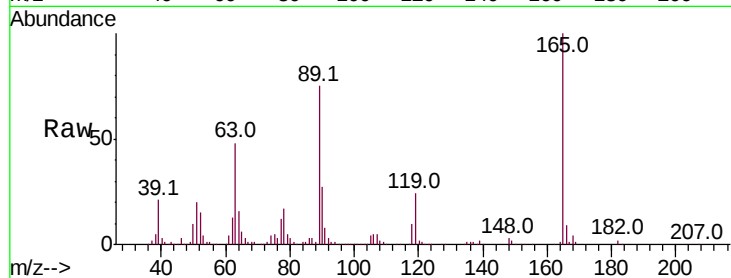




#57
2,4-Dinitrotoluene
Concen: 42.263 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

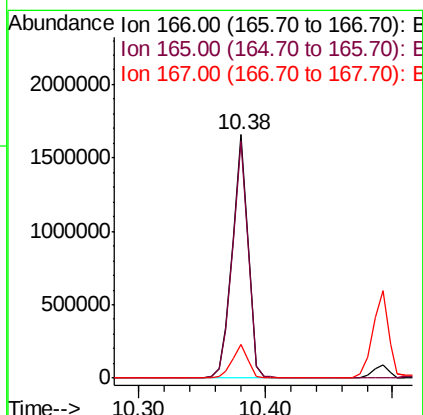
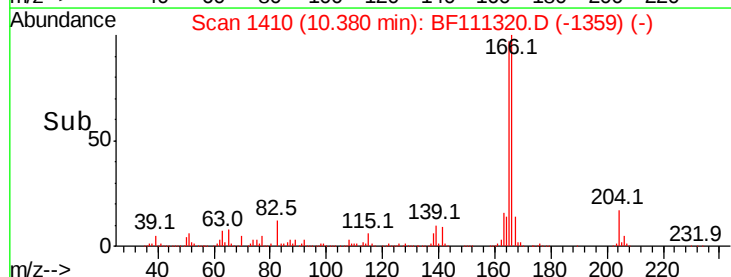
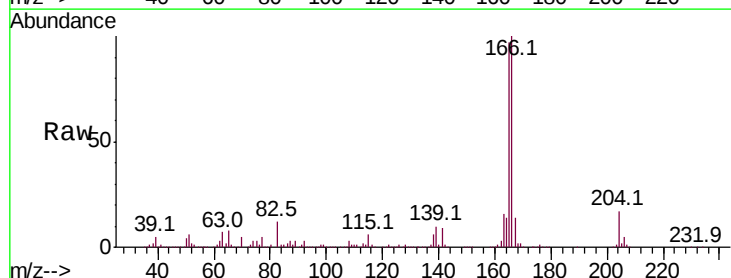
Instrument :
BNA_F
ClientSampleId :

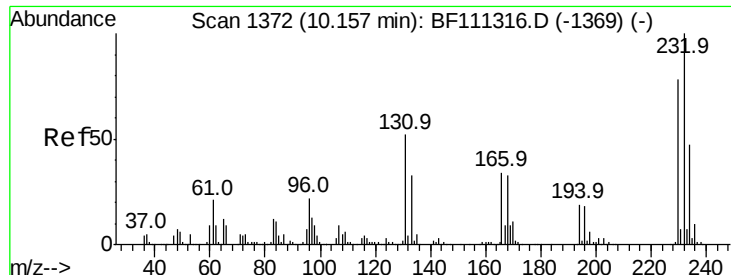
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.1	34.6	52.0
89	74.7	56.2	84.4
182	2.3	1.8	2.6



#58
Fluorene
Concen: 38.933 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.4	117.6
167	13.8	11.2	16.8

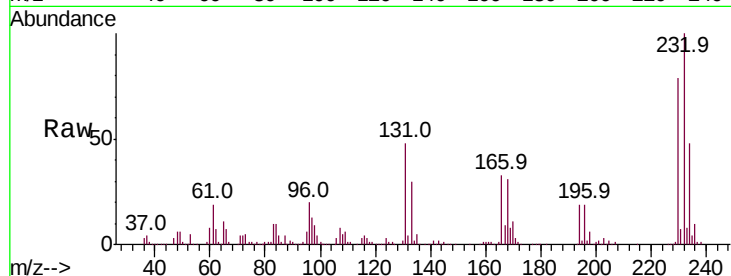




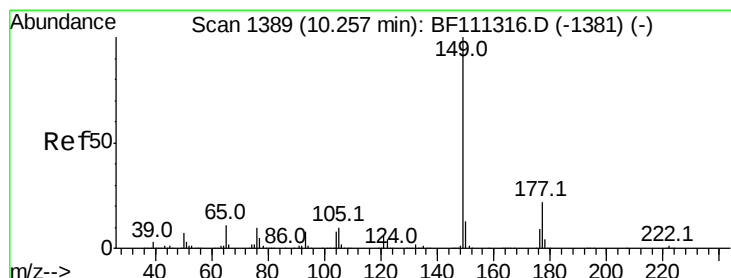
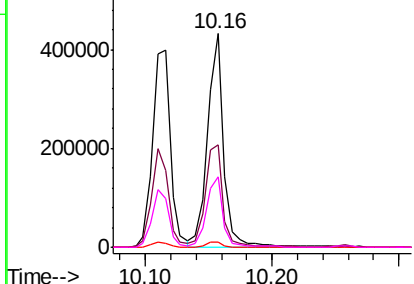
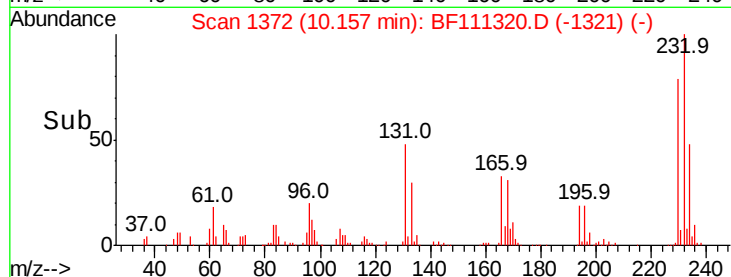
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.807 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	384371
Ion	Ratio	Lower	Upper
232	100		
131	51.9	40.9	61.3
130	2.6	2.0	3.0
166	33.6	26.8	40.2

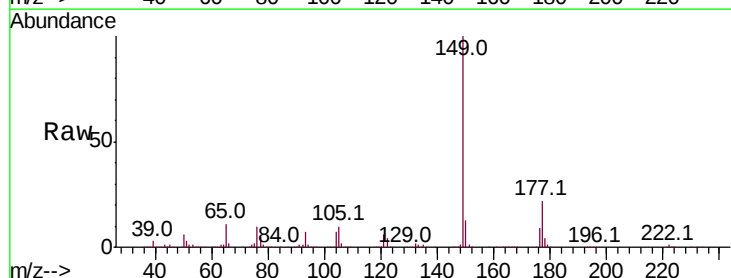


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

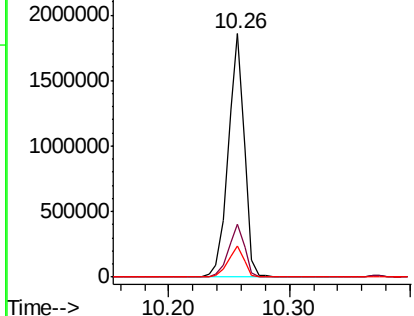
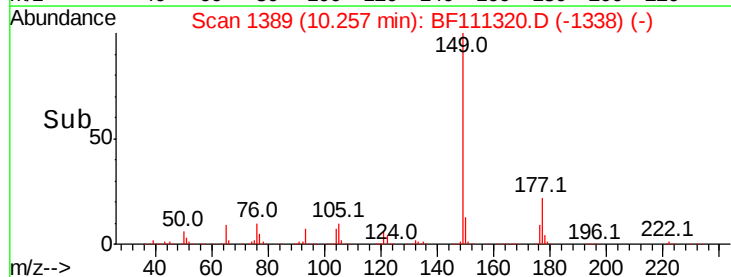


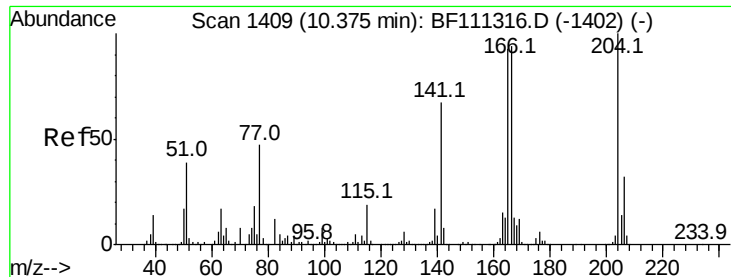
#60
 Diethylphthalate
 Concen: 40.028 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Tgt Ion:	149	Resp:	1703506
Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.3	27.5
150	12.8	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

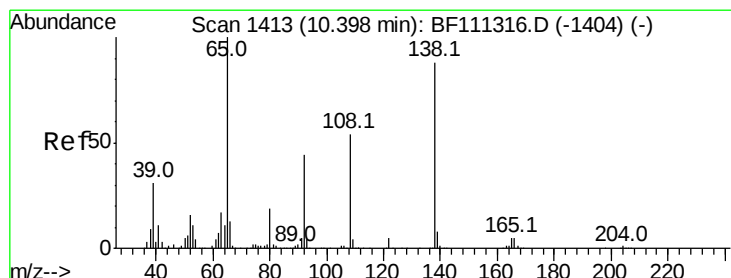
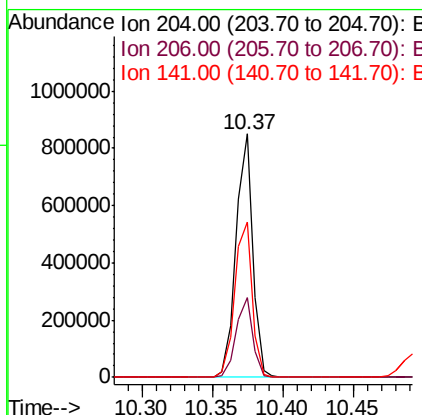
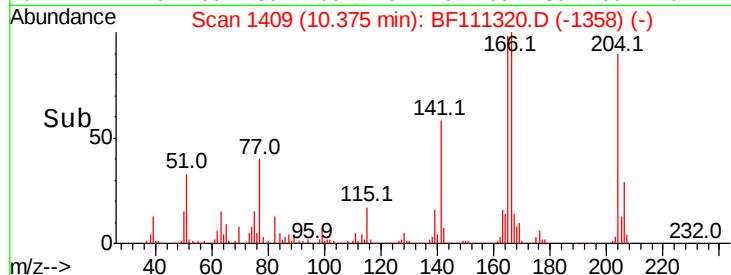
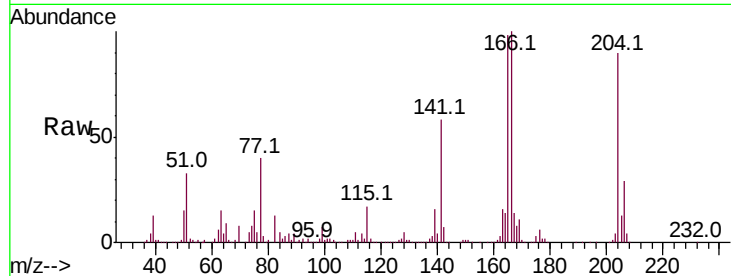




#61
 4-Chlorophenyl-phenylether
 Concen: 38.835 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

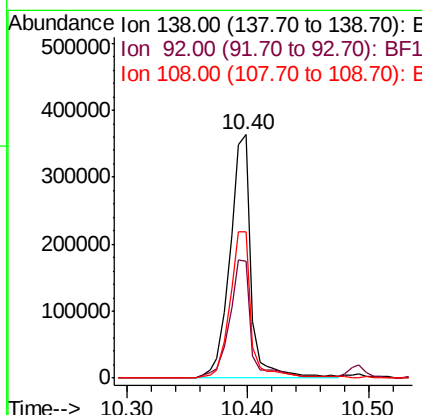
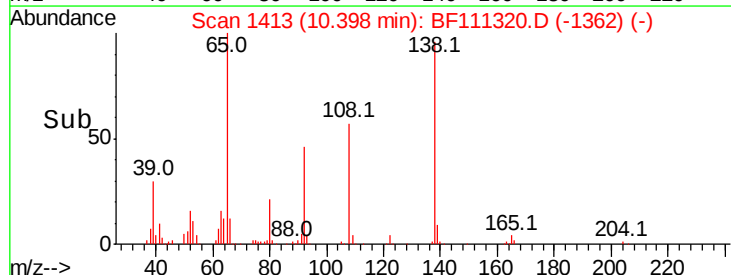
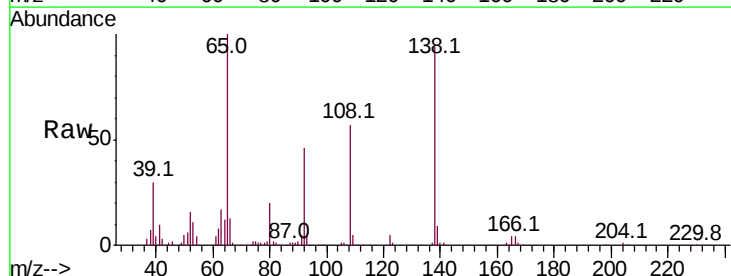
Instrument :
 BNA_F
 ClientSampled :

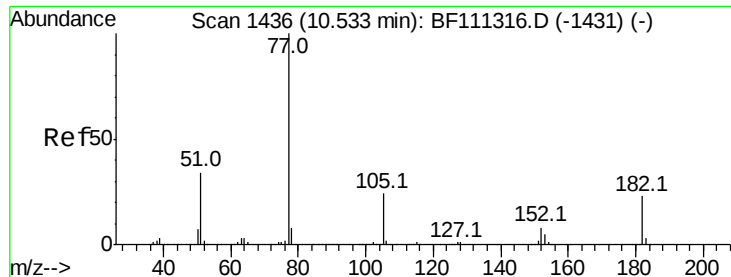
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	63.9	52.6	78.8



#62
 4-Nitroaniline
 Concen: 41.095 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	29.9	69.9
108	59.9	43.2	83.2





#63

Azobenzene

Concen: 39.847 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1709825

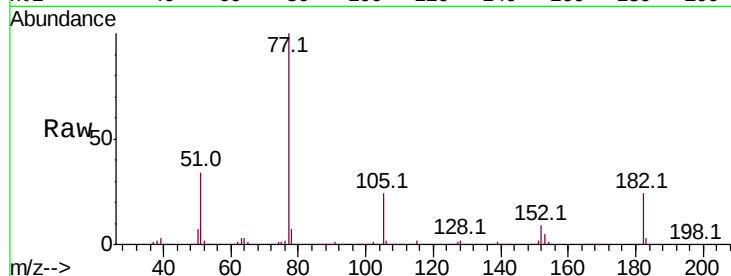
Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.9	44.9
105	24.0	6.0	46.0
51	34.2	14.7	54.7

77 100

182 23.6 4.9 44.9

105 24.0 6.0 46.0

51 34.2 14.7 54.7

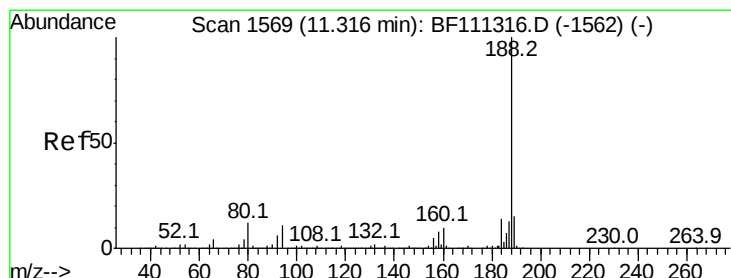
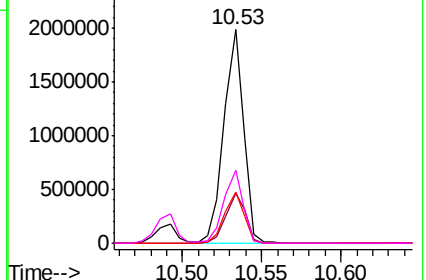
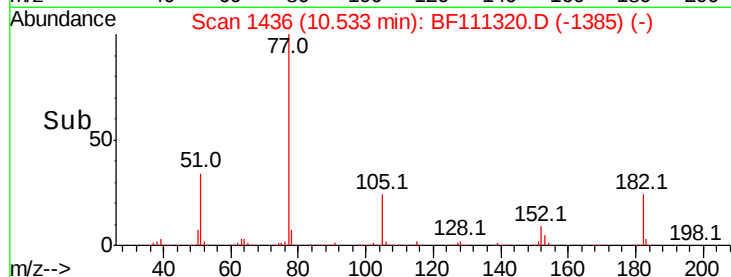


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF111320.D

Acq: 12 Dec 2018 14:38

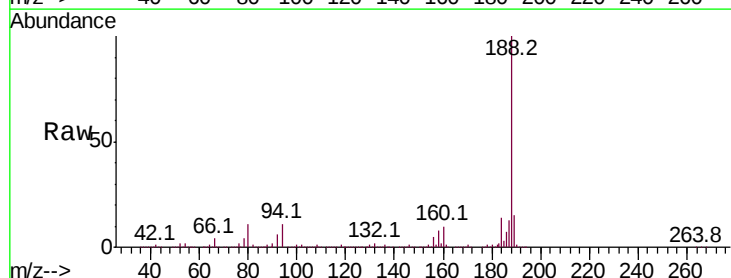
Tgt Ion: 188 Resp: 1025949

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.6	14.4
80	11.0	9.8	14.6

188 100

94 10.8 9.6 14.4

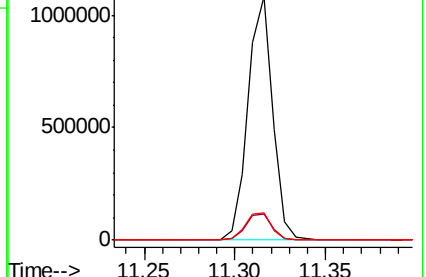
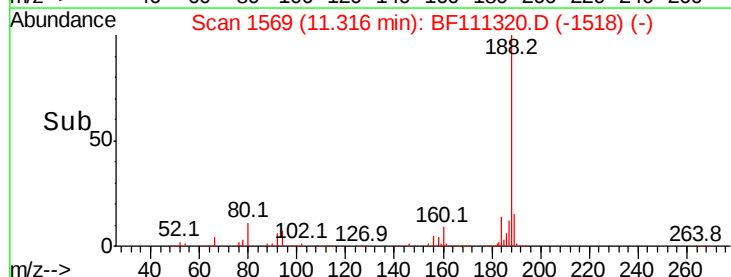
80 11.0 9.8 14.6

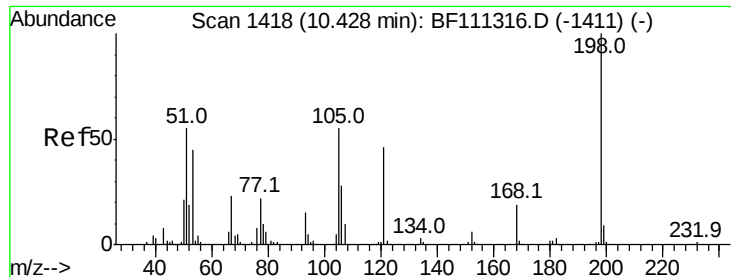


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

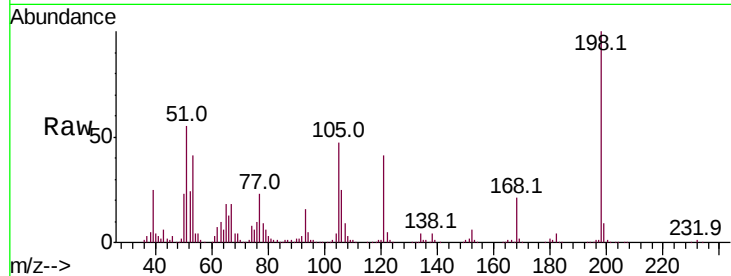




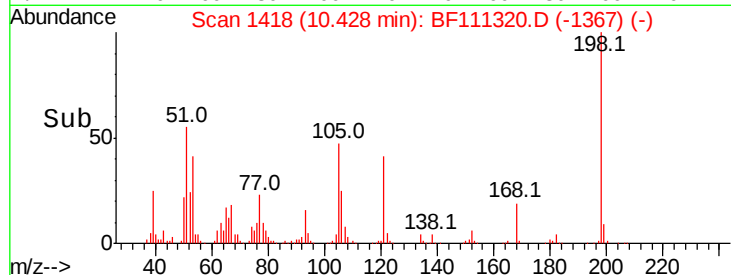
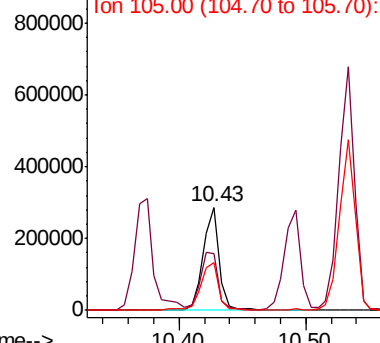
#65
4,6-Dinitro-2-methylphenol
Concen: 42.126 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 248125
Ion Ratio Lower Upper
198 100
51 54.6 48.0 88.0
105 46.7 34.0 74.0

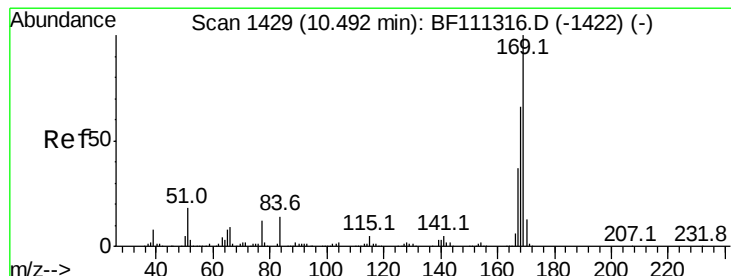


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

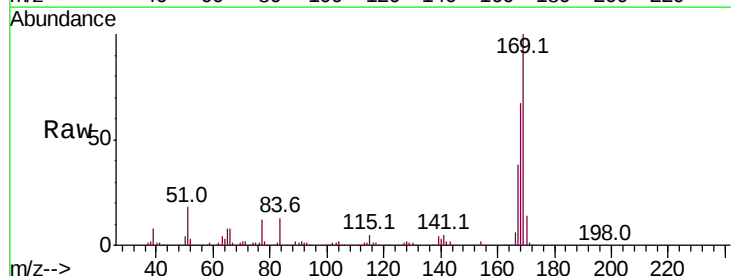
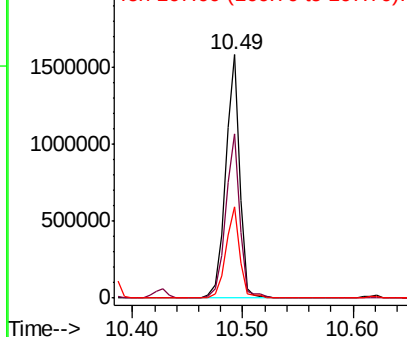


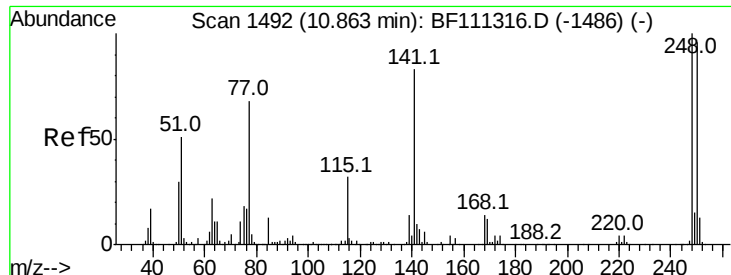
#66
n-Nitrosodiphenylamine
Concen: 38.368 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion:169 Resp: 1400248
Ion Ratio Lower Upper
169 100
168 67.5 54.4 81.6
167 37.6 30.5 45.7



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

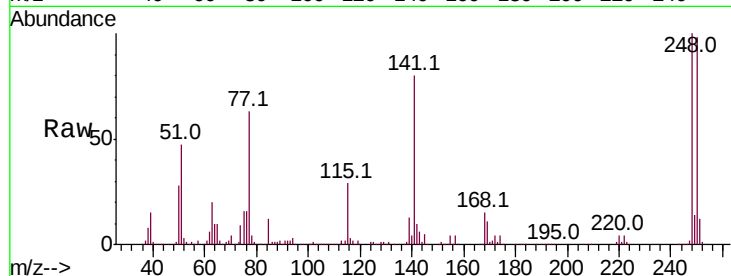




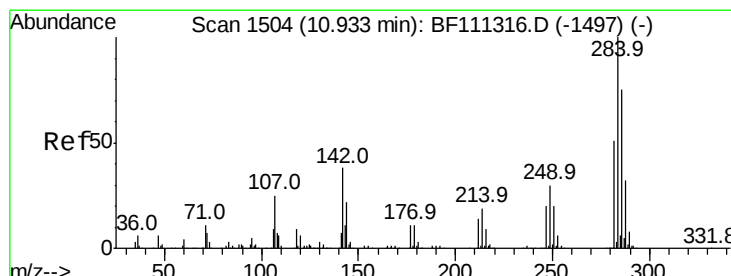
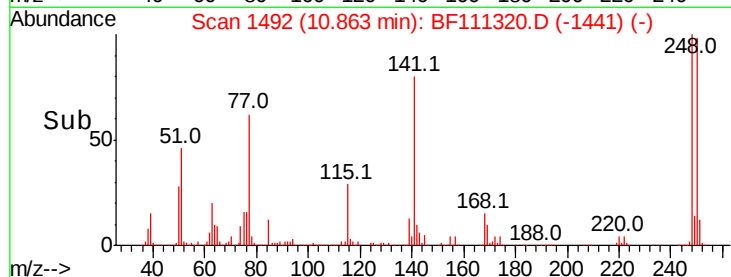
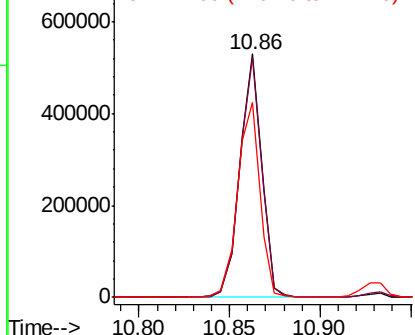
#67
4-Bromophenyl-phenylether
Concen: 38.831 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 443497
Ion Ratio Lower Upper
248 100
250 98.5 77.0 115.4
141 79.9 63.0 94.6

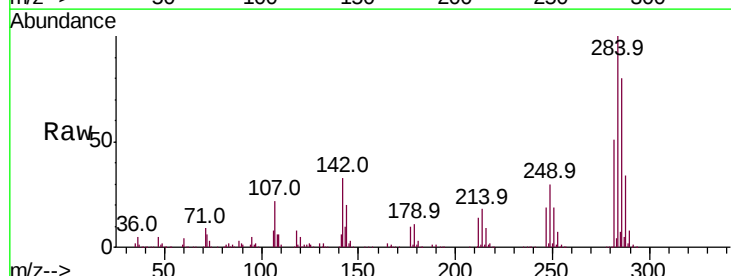


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

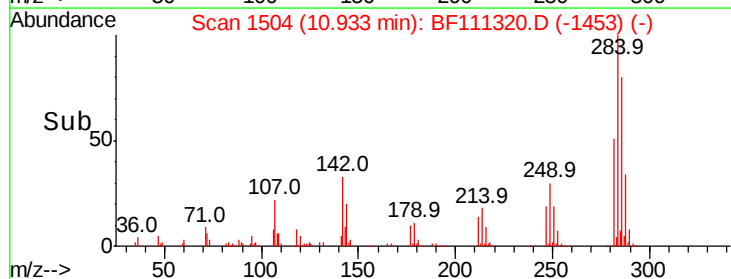
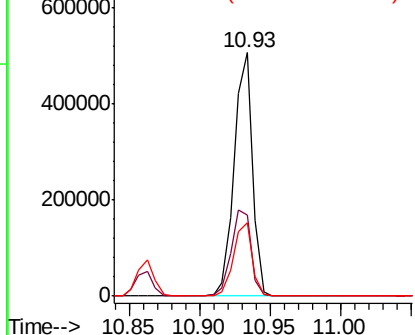


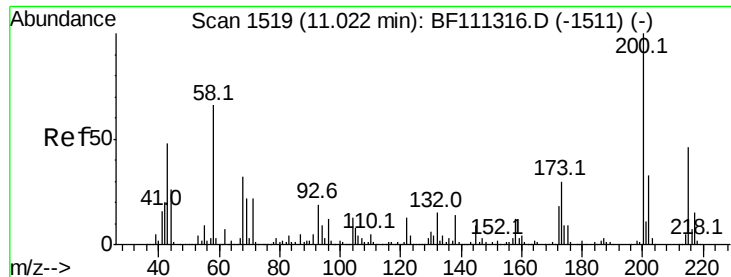
#68
Hexachlorobenzene
Concen: 38.917 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion:284 Resp: 457699
Ion Ratio Lower Upper
284 100
142 33.5 27.4 41.2
249 30.2 24.4 36.6



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

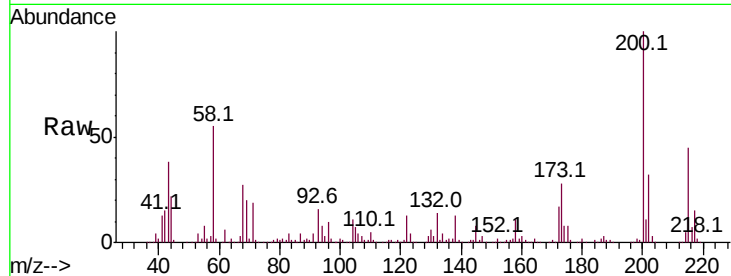




#69
Atrazine
Concen: 39.903 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	10.1	50.1
215	45.3	26.9	66.9

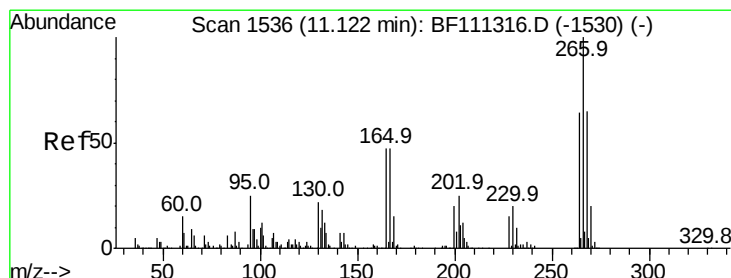
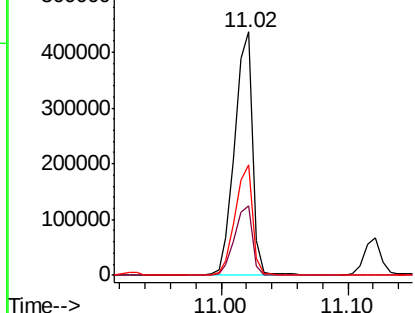
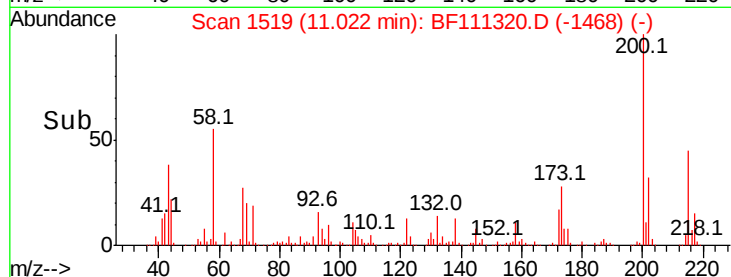


Abundance

Ion 200.00 (199.70 to 200.70): E

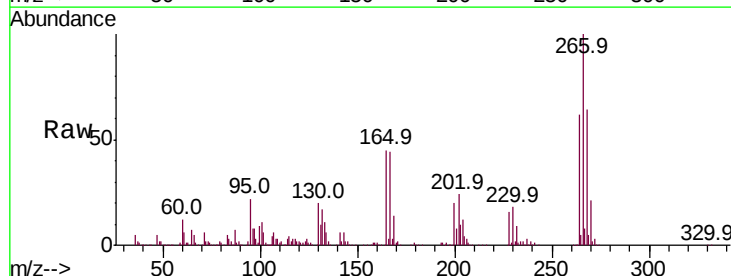
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 42.103 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	47.9	71.9
264	62.0	49.1	73.7

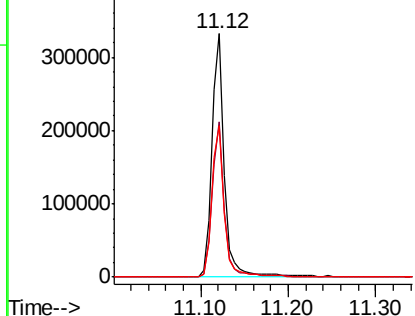
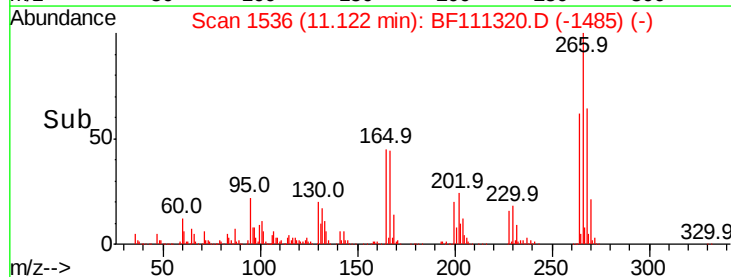


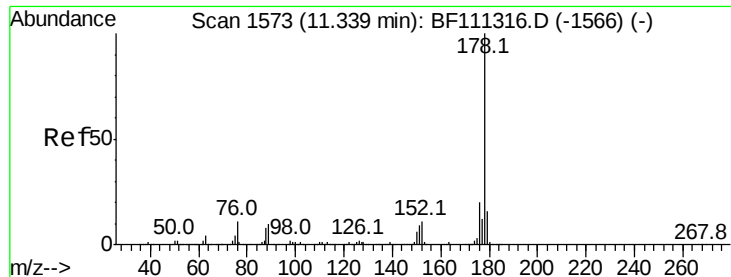
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.810 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

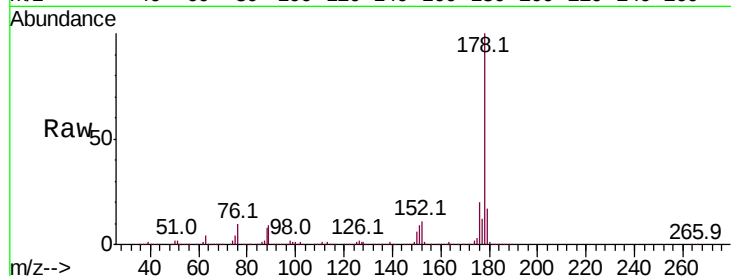
Tot Ion:178 Resp: 2058033

Ion Ratio Lower Upper

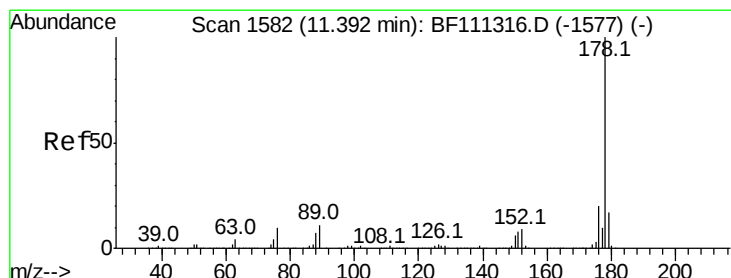
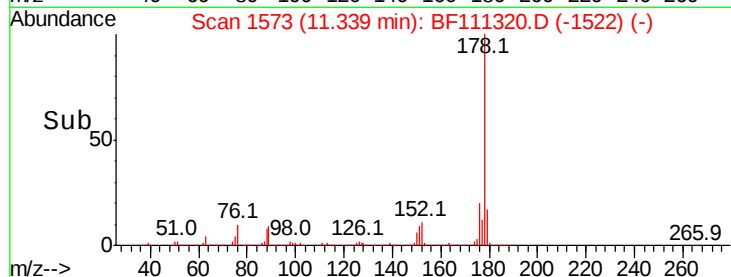
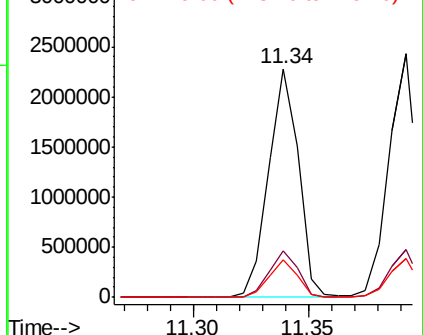
178 100

176 20.3 18.1 27.1

179 16.7 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: 38.973 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

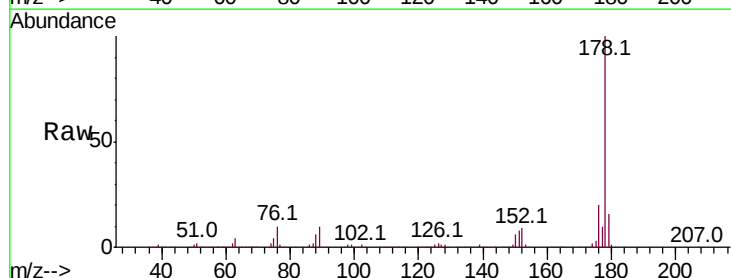
Tgt Ion:178 Resp: 2104396

Ion Ratio Lower Upper

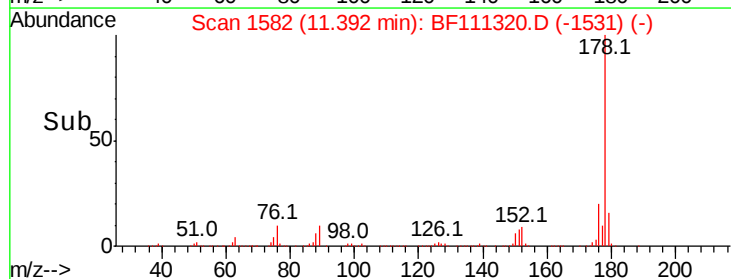
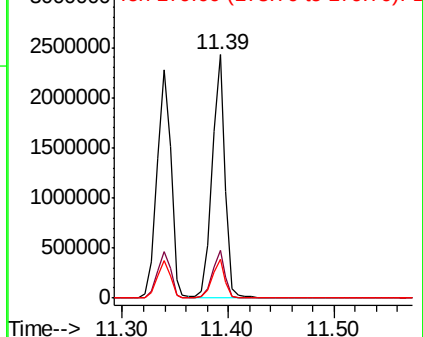
178 100

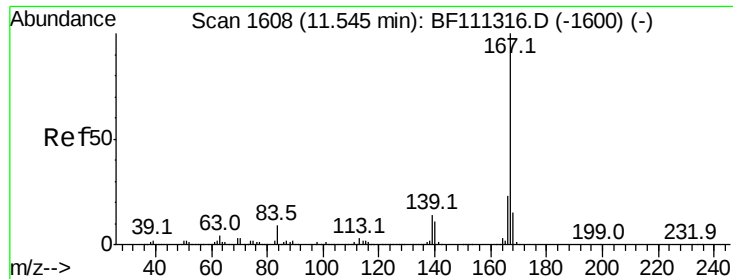
176 19.6 17.2 25.8

179 15.9 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: 39.646 ng

RT: 11.55 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

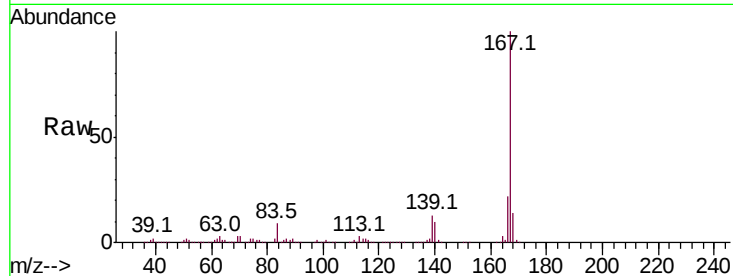
Tot Ion:167 Resp: 2213466

Ion	Ratio	Lower	Upper
167	100		
166	22.3	19.3	28.9
139	13.4	11.9	17.9

167 100

166 22.3 19.3 28.9

139 13.4 11.9 17.9

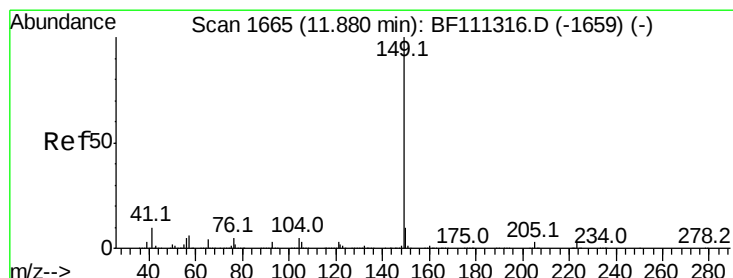
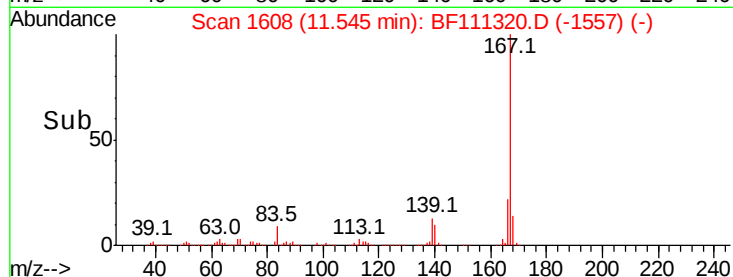
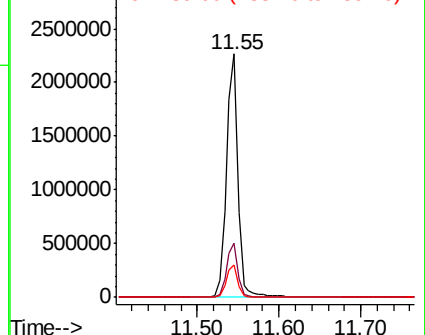


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.553 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

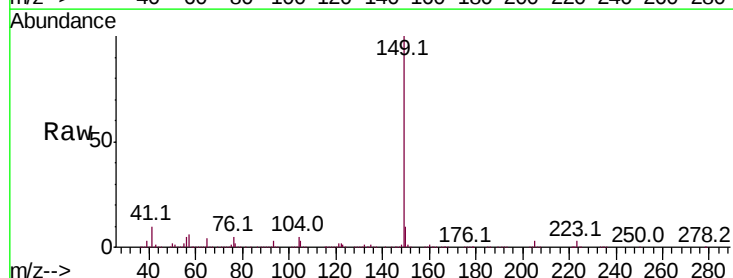
Tgt Ion:149 Resp: 2514407

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.8	13.2
104	5.1	4.5	6.7

149 100

150 10.0 8.8 13.2

104 5.1 4.5 6.7

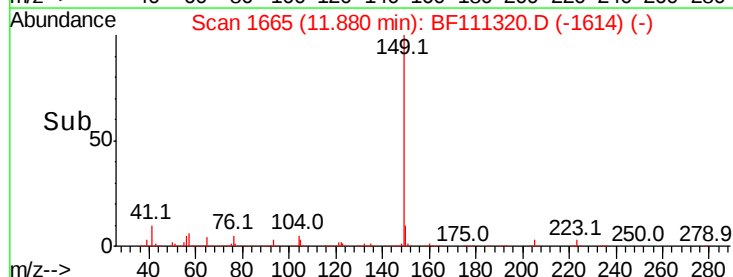
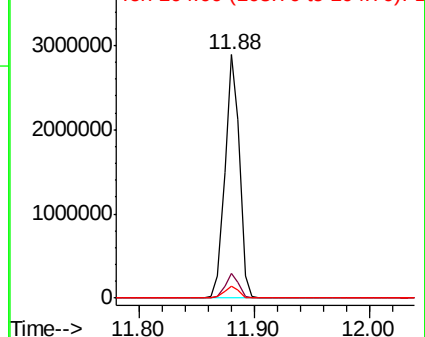


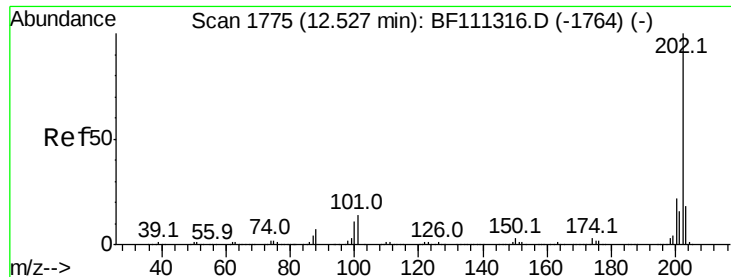
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



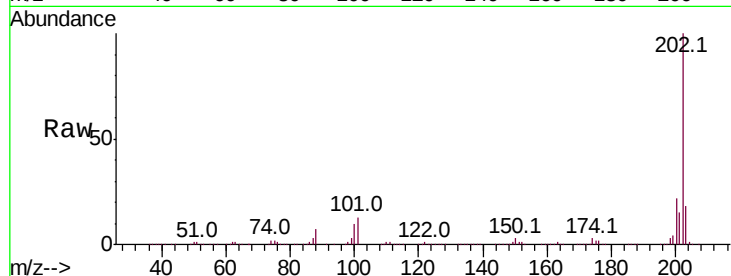


#75
 Fluoranthene
 Concen: 39.733 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

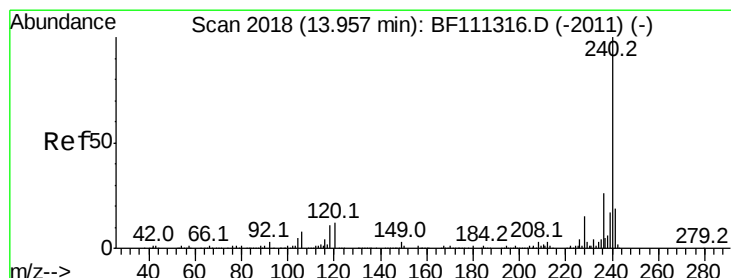
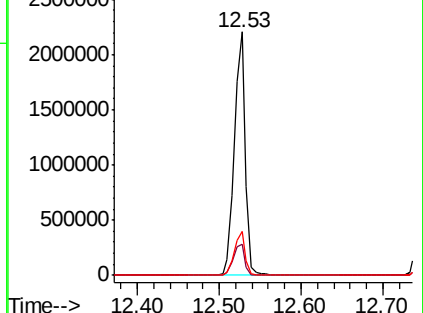
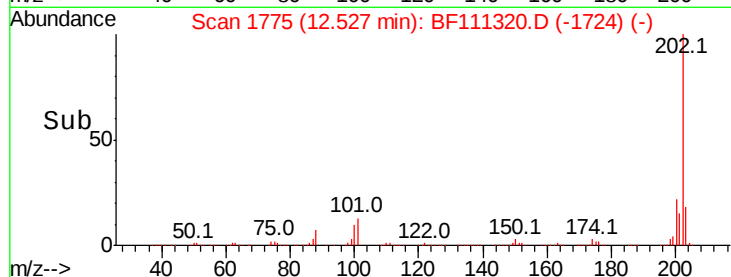
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2056887

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.8
203	17.9	0.0	38.6



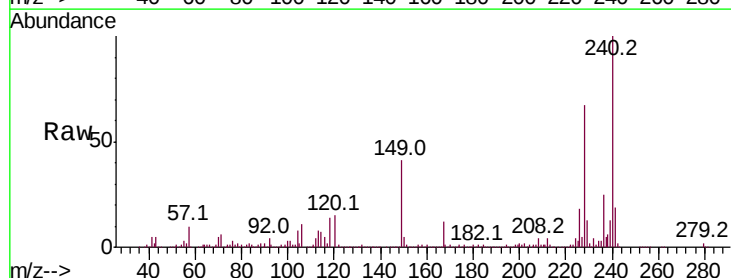
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



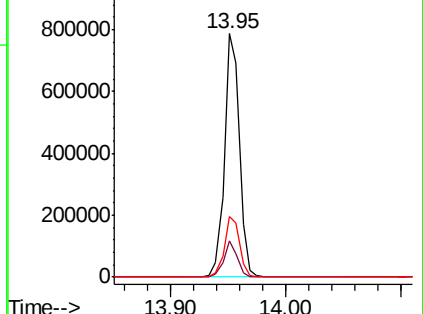
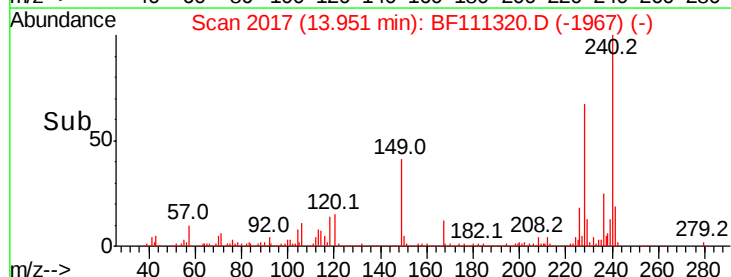
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

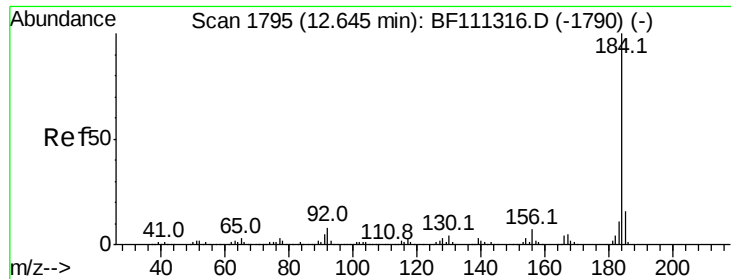
Tgt Ion:240 Resp: 708065

Ion	Ratio	Lower	Upper
240	100		
120	14.9	12.2	18.2
236	25.0	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: 63.382 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

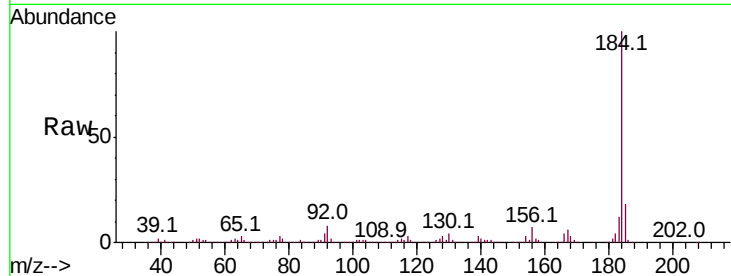
Tot Ion:184 Resp: 846923

Ion Ratio Lower Upper

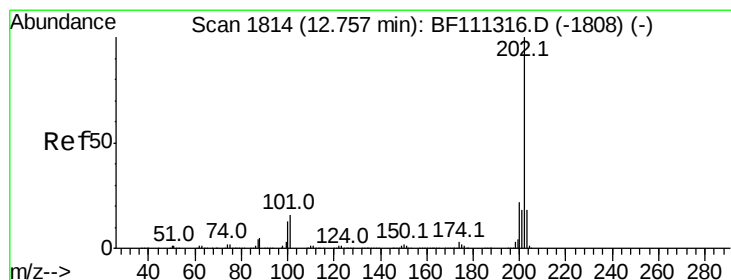
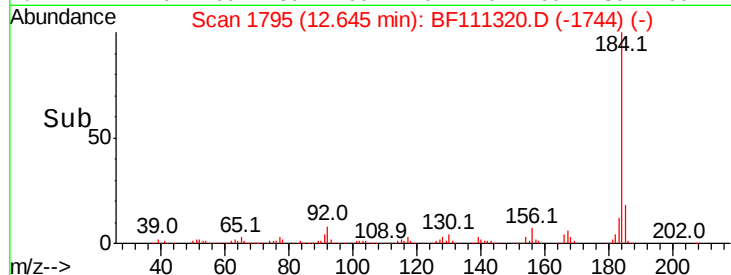
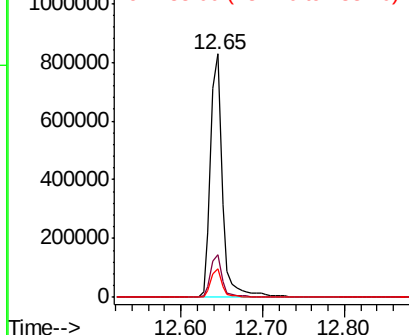
184 100

185 17.7 13.0 19.6

183 11.7 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: 38.582 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

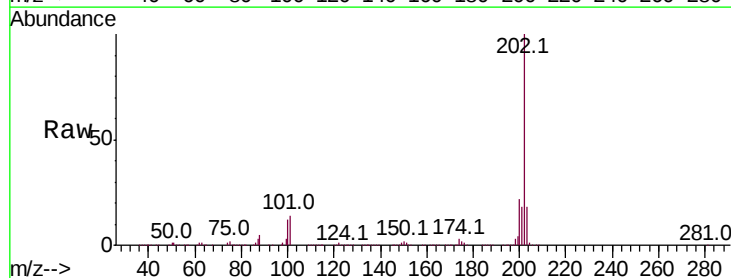
Tgt Ion:202 Resp: 2108374

Ion Ratio Lower Upper

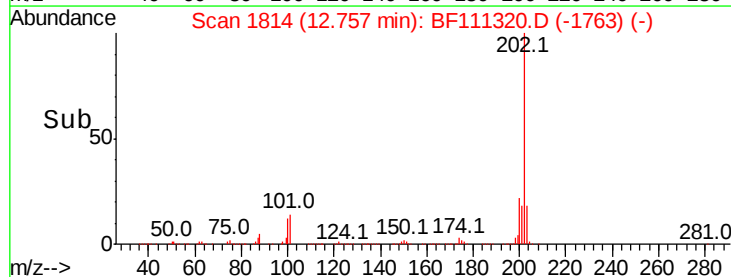
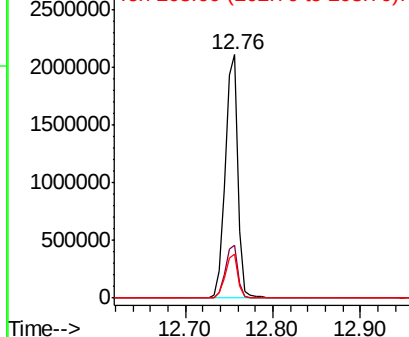
202 100

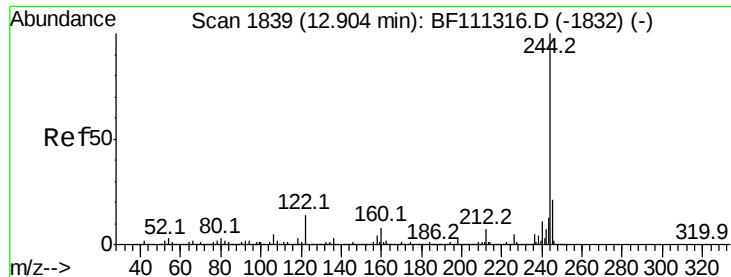
200 21.9 19.0 28.4

203 17.9 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: 76.099 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 2448172

Ion Ratio Lower Upper

244 100

212 6.8

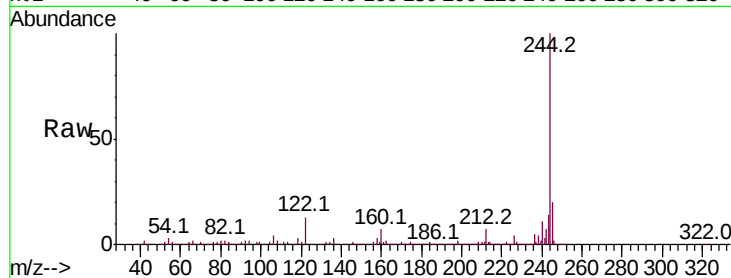
122 12.7

5.7

13.1

8.5

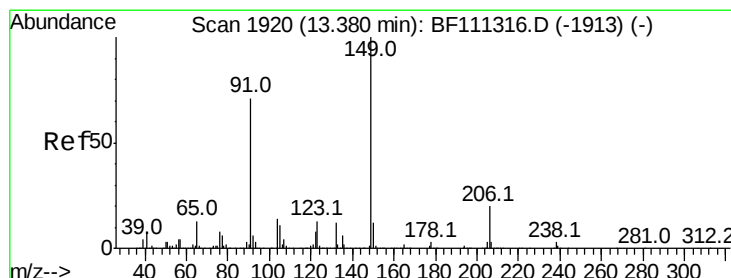
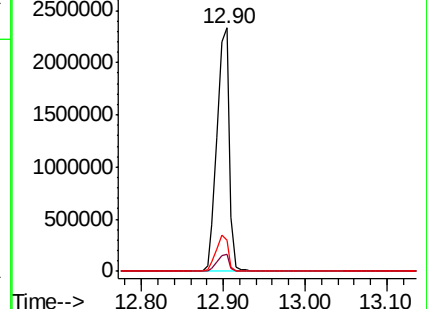
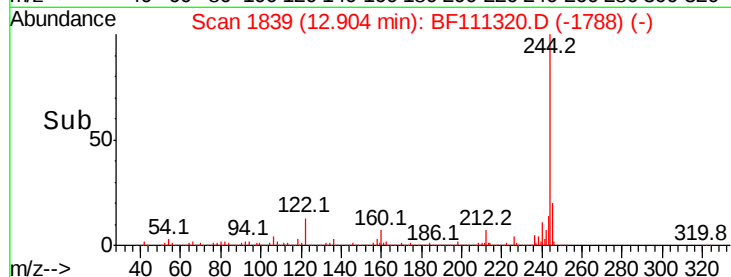
19.7#



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: 39.601 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion:149 Resp: 1039035

Ion Ratio Lower Upper

149 100

91 77.4

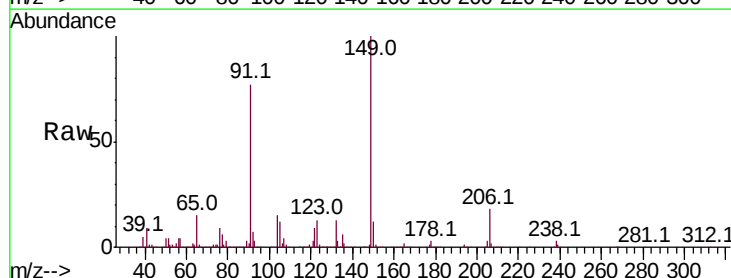
206 18.2

63.8

15.1

95.6

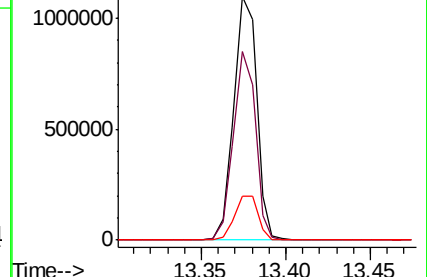
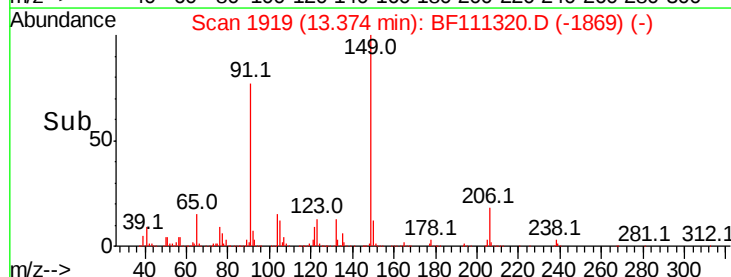
22.7

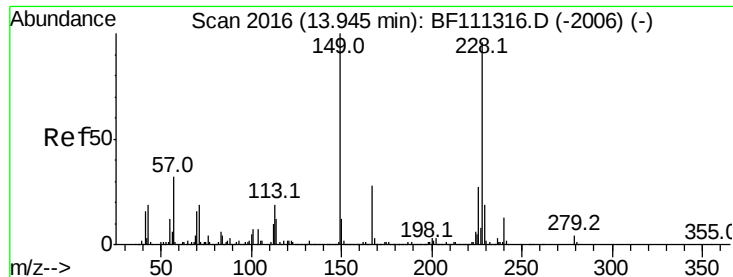


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.482 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampled :

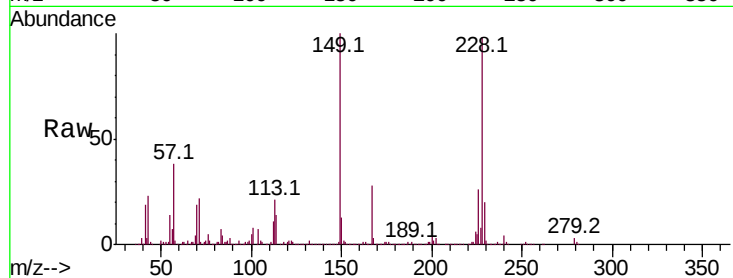
Tot Ion:228 Resp: 1564170

Ion Ratio Lower Upper

228 100

226 26.8 22.6 34.0

229 20.6 16.3 24.5

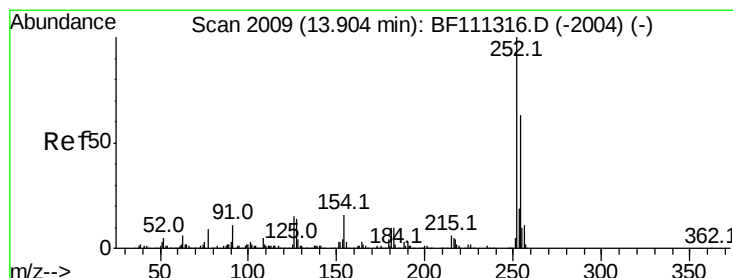
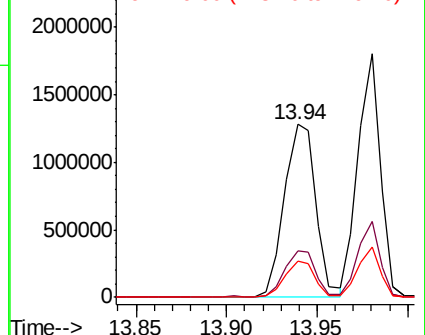
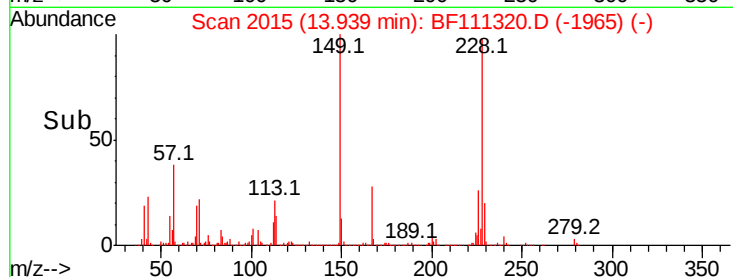


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.598 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

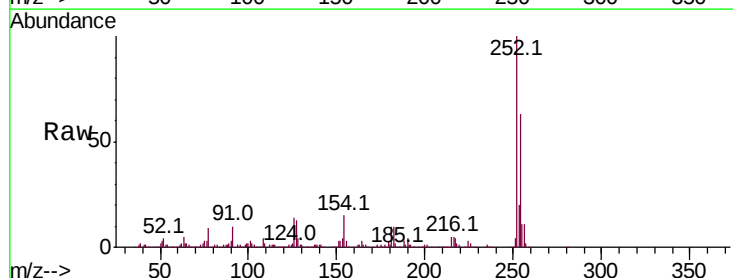
Tgt Ion:252 Resp: 593301

Ion Ratio Lower Upper

252 100

254 63.2 52.7 79.1

126 14.1 11.1 16.7

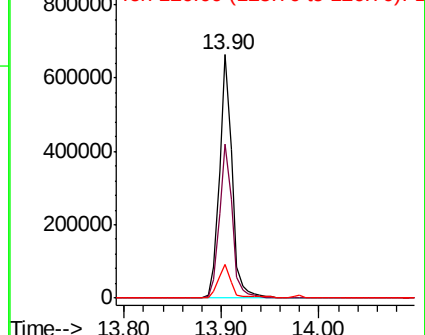
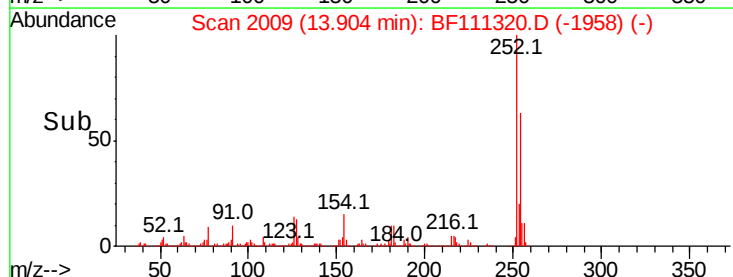


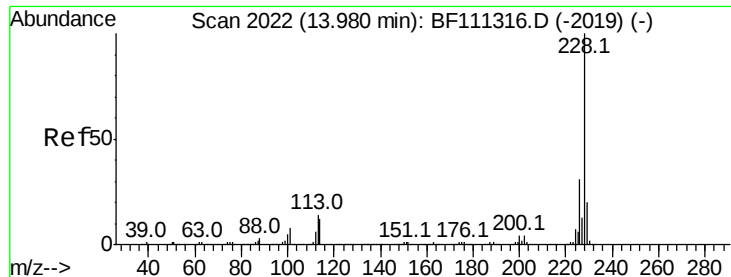
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



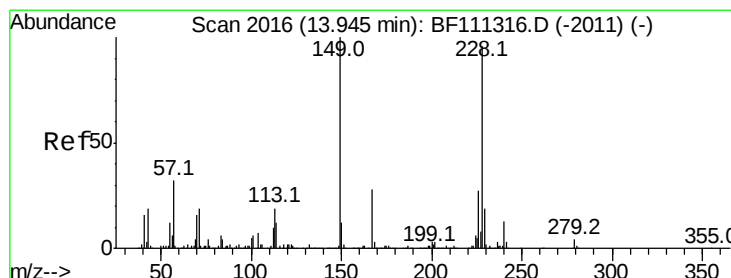
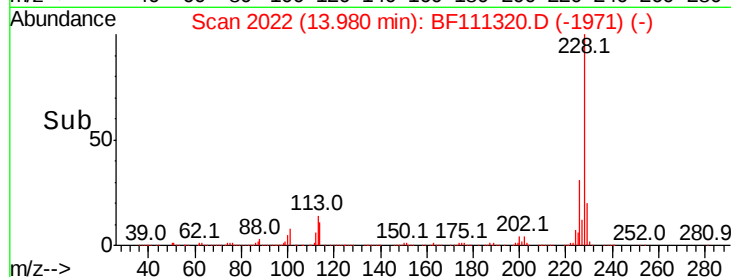
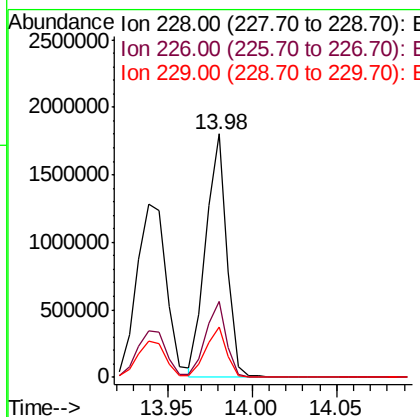
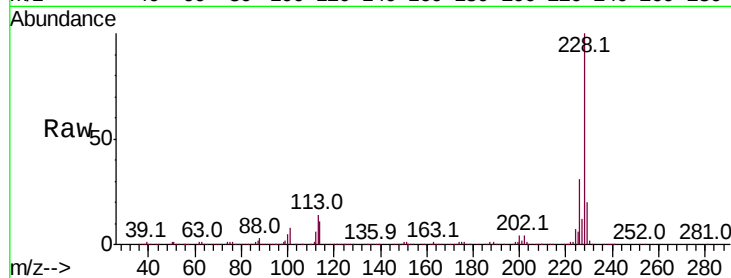


#83
 Chrysene
 Concen: 38.678 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1563349

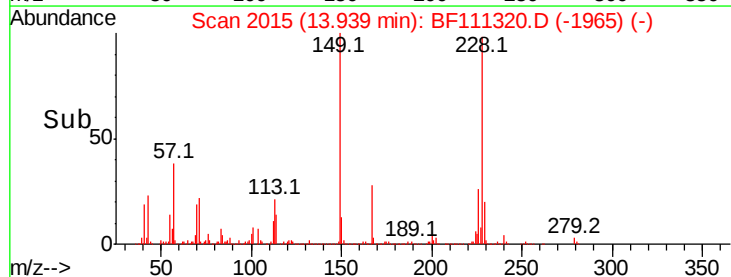
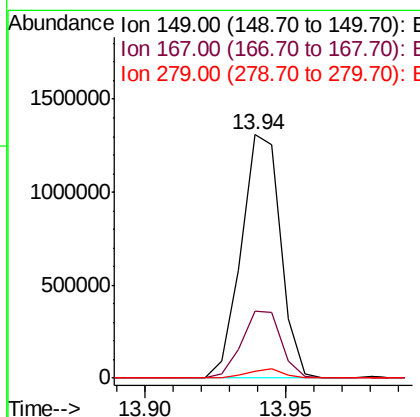
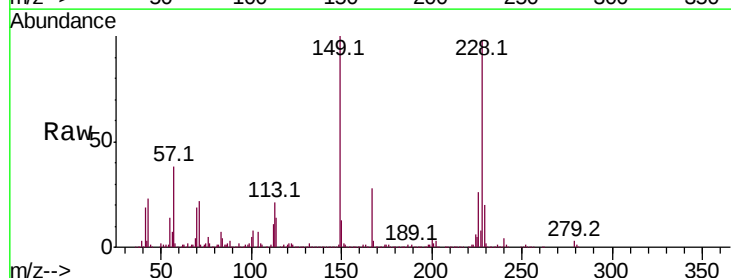
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.3	37.9
229	20.5	17.2	25.8

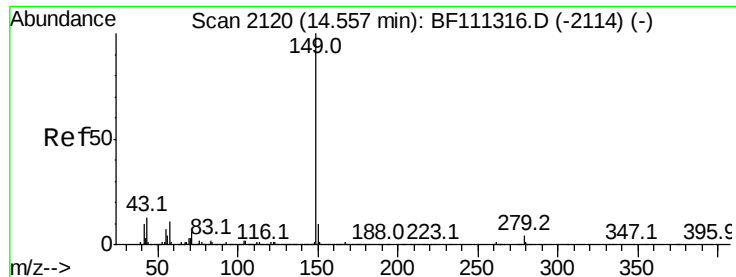


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.529 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Tgt Ion:149 Resp: 1267896

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	3.0	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 40.231 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

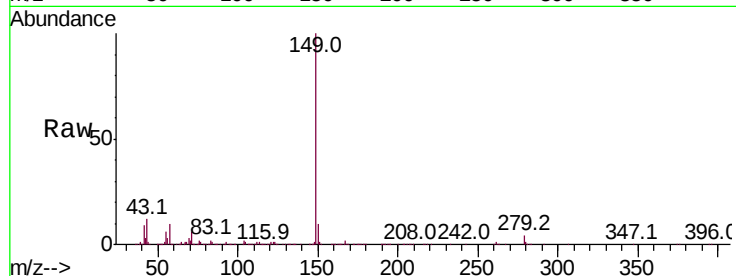
Tot Ion:149 Resp: 2118886

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

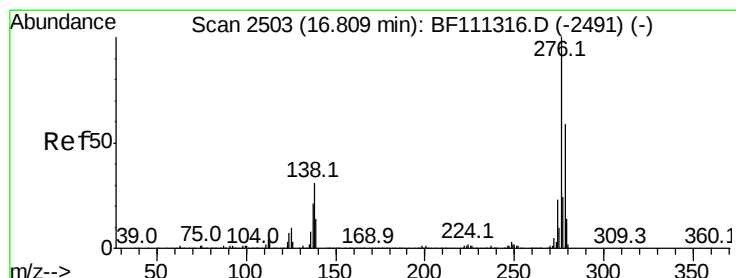
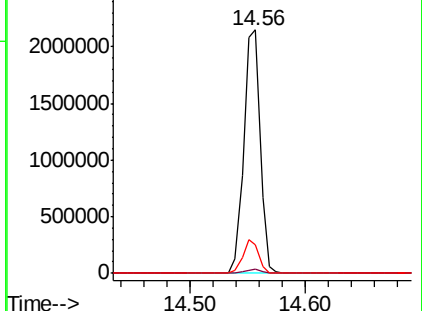
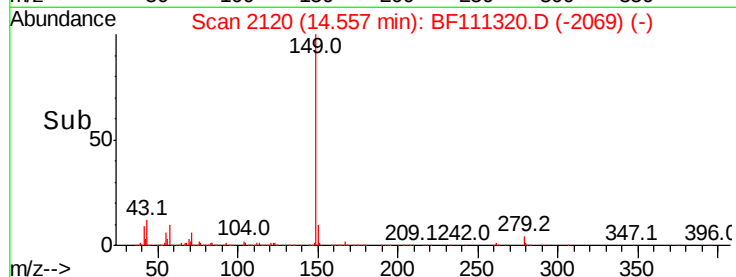
43 13.1 10.9 16.3



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: 38.016 ng

RT: 16.80 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

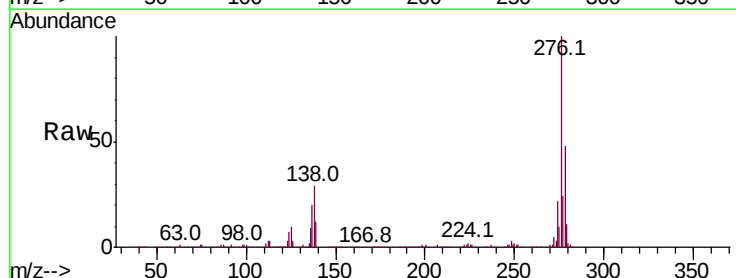
Tgt Ion:276 Resp: 1201806

Ion Ratio Lower Upper

276 100

138 32.4 27.8 41.6

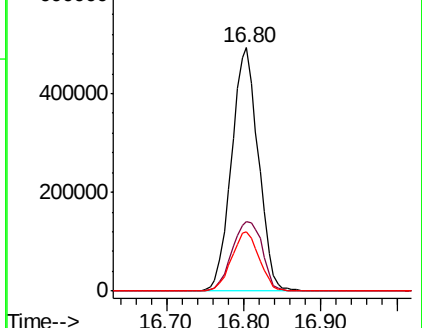
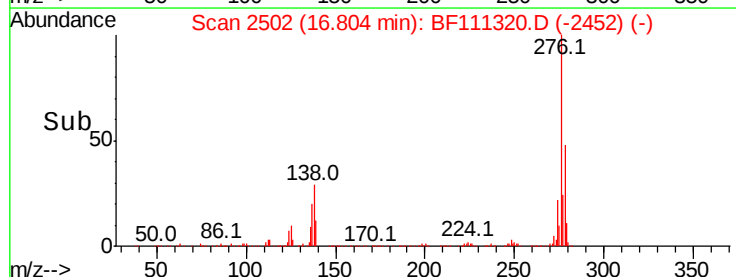
277 25.1 20.1 30.1

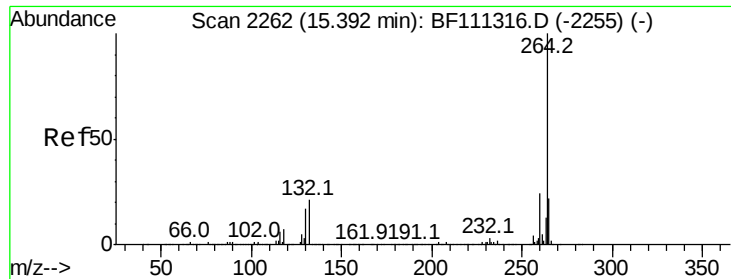


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



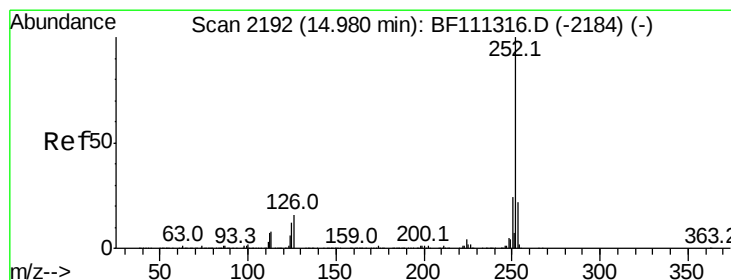
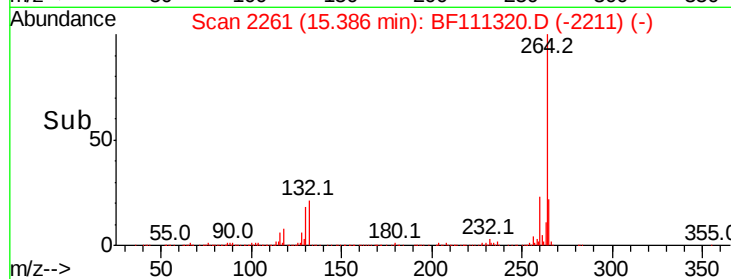
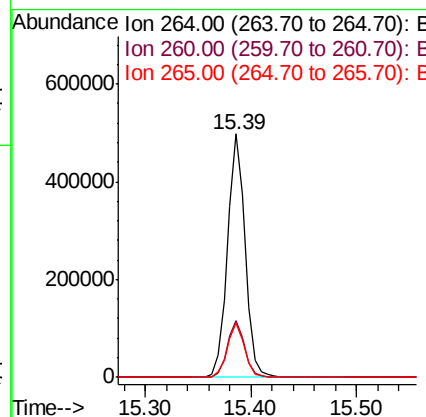
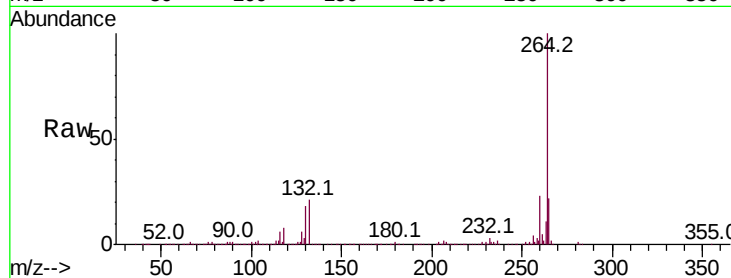


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 579005

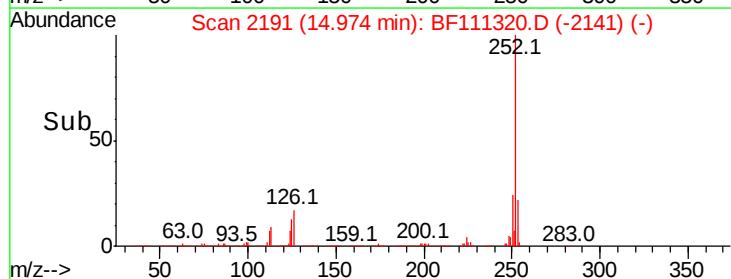
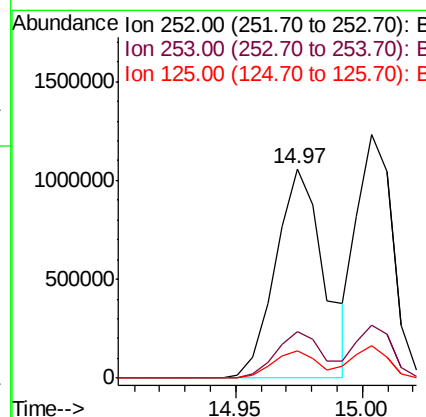
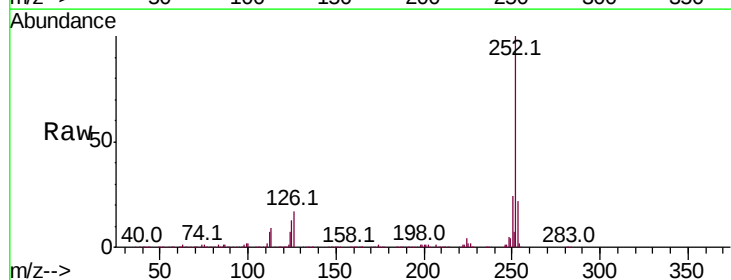
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	22.1	17.7	26.5

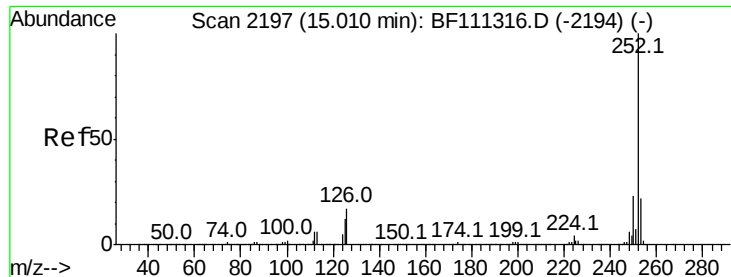


#88
Benzo(b)fluoranthene
Concen: 42.413 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion:252 Resp: 1396403

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	12.9	10.4	15.6

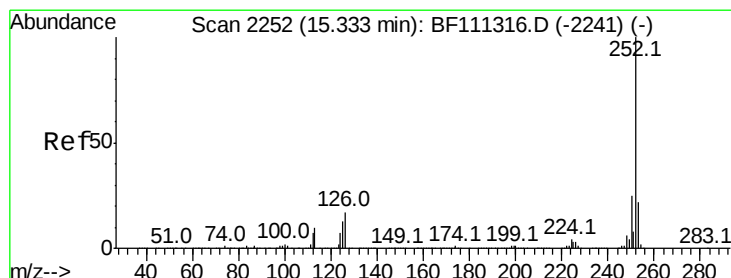
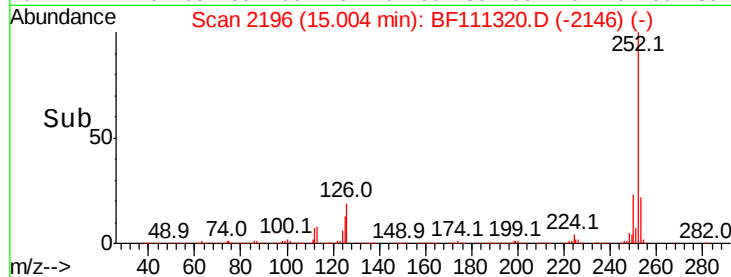
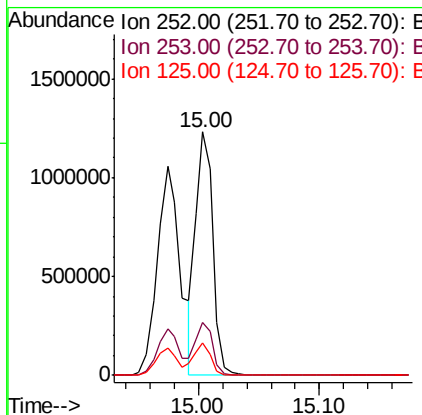
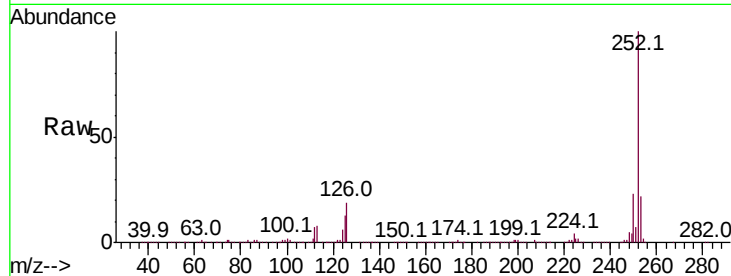




#89
Benzo(k)fluoranthene
Concen: 36.936 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

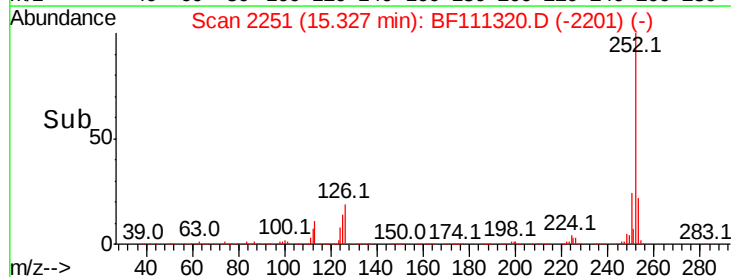
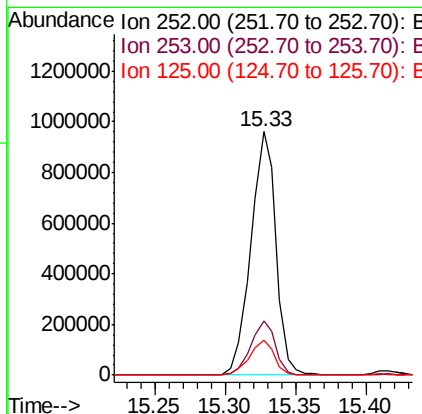
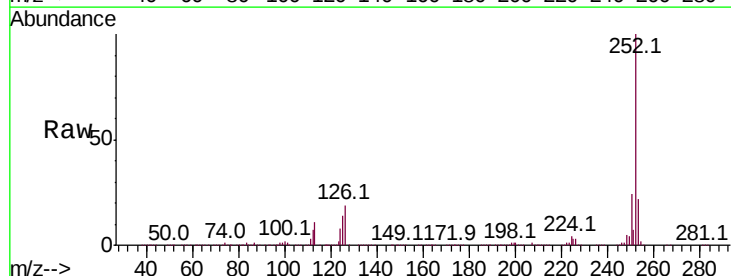
Instrument :
BNA_F
ClientSampleId :

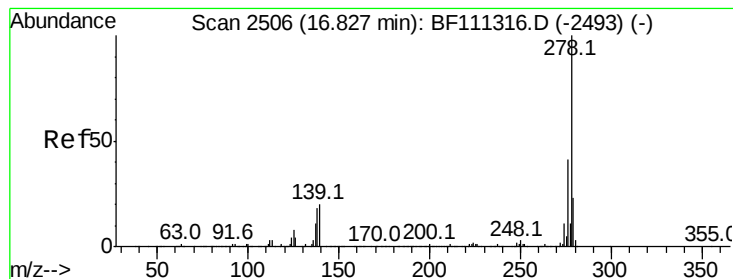
Tot Ion:252 Resp: 1213860
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 13.2 9.8 14.8



#90
Benzo(a)pyrene
Concen: 39.193 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion:252 Resp: 1201488
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 14.3 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 39.290 ng

RT: 16.82 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

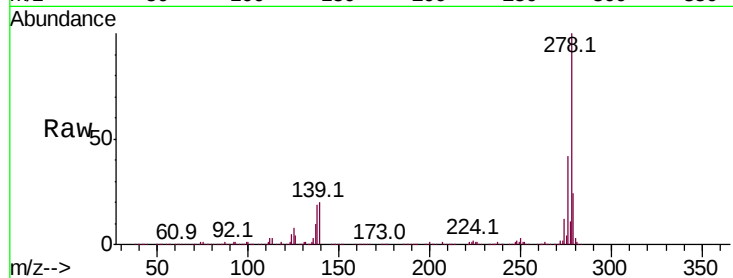
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1002095

Ion	Ratio	Lower	Upper
278	100		
139	19.8	18.2	27.4
279	24.0	19.0	28.6

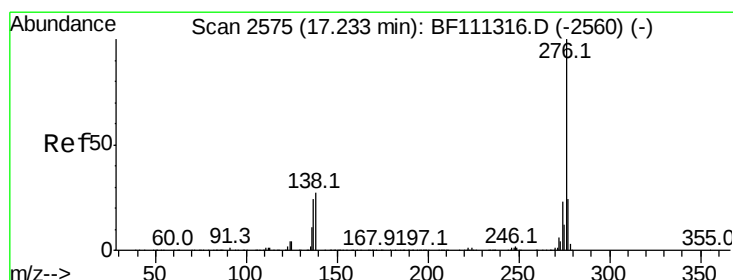
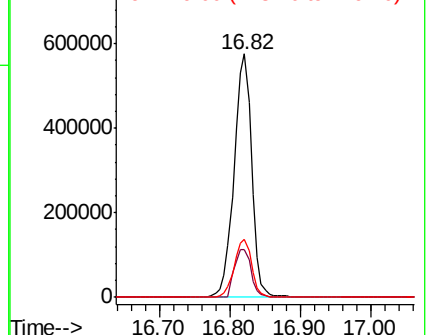
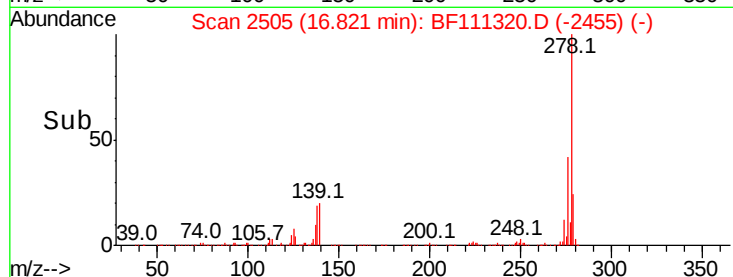


Abundance

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: 39.187 ng

RT: 17.23 min Scan# 2574

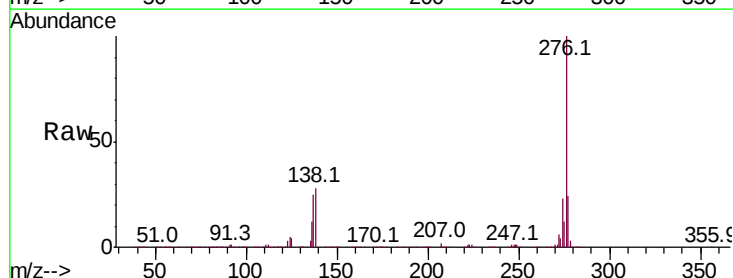
Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion:276 Resp: 999272

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	27.7	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

