

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111257.D
 Acq On : 10 Dec 2018 22:09
 Operator : JU/SJ
 Sample : J6237-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

Quant Time: Dec 11 04:00:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	464357	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1761782	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	582652	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1123386	20.00	ng	0.00
76) Chrysene-d12	13.96	240	641374	20.00	ng	0.00
87) Perylene-d12	15.40	264	434271	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3602392	122.50	ng	0.02
7) Phenol-d6	6.45	99	4276304	117.01	ng	0.01
23) Nitrobenzene-d5	7.37	82	2686068	85.51	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	631004	122.26	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3194105	100.84	ng	0.00
79) Terphenyl-d14	12.91	244	2059510	77.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	492633	32.650	ng	97
3) Pyridine	3.33	79	1344947	33.553	ng	99
4) n-Nitrosodimethylamine	3.26	42	734989	43.005	ng	97
6) Aniline	6.46	93	471772	9.682	ng	# 13
8) 2-Chlorophenol	6.59	128	1208520	36.155	ng	99
9) Benzaldehyde	6.35	77	560022	23.436	ng	99
10) Phenol	6.46	94	1663955	38.939	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	1300370	39.347	ng	98
12) 1,3-Dichlorobenzene	6.75	146	1253678	34.906	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1283856	35.402	ng	98
14) 1,2-Dichlorobenzene	6.97	146	1162191	34.359	ng	98
15) Benzyl Alcohol	6.95	79	1063869	36.786	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2249054	36.348	ng	99
17) 2-Methylphenol	7.06	107	1022172	37.456	ng	98
18) Hexachloroethane	7.32	117	463514	33.570	ng	91
19) n-Nitroso-di-n-propylamine	7.22	70	857989	35.047	ng	94
20) 3+4-Methylphenols	7.21	107	1198411	36.920	ng	95
22) Acetophenone	7.21	105	1616610	40.103	ng	100
24) Nitrobenzene	7.39	77	1269929	38.846	ng	96
25) Isophorone	7.63	82	2165469	40.477	ng	99
26) 2-Nitrophenol	7.70	139	620989	38.232	ng	95
27) 2,4-Dimethylphenol	7.74	122	1061317	42.285	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	1481176	39.981	ng	99
29) 2,4-Dichlorophenol	7.95	162	952292	37.106	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	960278	37.986	ng	99
31) Naphthalene	8.11	128	3135463	40.778	ng	99
32) Benzoic acid	7.82	122	168583	8.122	ng	97
33) 4-Chloroaniline	8.16	127	284294	7.698	ng	98
34) Hexachlorobutadiene	8.23	225	497395	35.644	ng	99
35) Caprolactam	8.52	113	255449	28.089	ng	97
36) 4-Chloro-3-methylphenol	8.64	107	951705	36.219	ng	97
37) 2-Methylnaphthalene	8.80	142	2132786	41.779	ng	99
38) 1-Methylnaphthalene	8.90	142	2005529	40.116	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	769607	47.470	ng	99

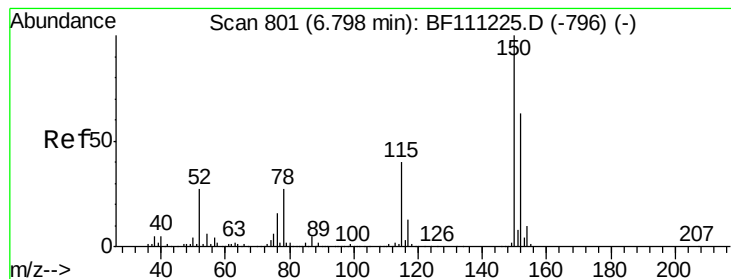
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111257.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	309358	33.506	ng	100
43) 2,4,6-Trichlorophenol	9.08	196	509805	41.892	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	485082	38.264	ng	96
46) 1,1'-Biphenyl	9.27	154	1901671	40.215	ng	95
47) 2-Chloronaphthalene	9.29	162	1483137	38.903	ng	96
48) 2-Nitroaniline	9.38	65	503249	38.696	ng	96
49) Acenaphthylene	9.70	152	2202491	39.795	ng	97
50) Dimethylphthalate	9.56	163	1919571	44.650	ng	99
51) 2,6-Dinitrotoluene	9.62	165	370482	39.022	ng	87
52) Acenaphthene	9.87	154	1503475	43.288	ng	99
53) 3-Nitroaniline	9.79	138	176518	15.063	ng	93
54) 2,4-Dinitrophenol	9.89	184	198163	52.818	ng	97
55) Dibenzofuran	10.05	168	1952331	41.318	ng	99
56) 4-Nitrophenol	9.95	139	548334	60.079	ng	95
57) 2,4-Dinitrotoluene	10.02	165	460878	39.377	ng	90
58) Fluorene	10.39	166	1716527	46.945	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	424101	44.134	ng	# 100
60) Diethylphthalate	10.26	149	2012820	49.109	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	765848	42.184	ng	95
62) 4-Nitroaniline	10.40	138	385047	34.726	ng	99
63) Azobenzene	10.55	77	1787967	42.017	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	188500	28.748	ng	87
66) n-Nitrosodiphenylamine	10.50	169	1583022	41.396	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	450205	36.589	ng	93
68) Hexachlorobenzene	10.94	284	460394	36.782	ng	# 92
69) Atrazine	11.03	200	476368	40.965	ng	98
70) Pentachlorophenol	11.13	266	521116	57.391	ng	95
71) Phenanthrene	11.35	178	2463567	43.478	ng	97
72) Anthracene	11.40	178	2324896	39.219	ng	98
73) Carbazole	11.55	167	2094542	33.790	ng	97
74) Di-n-butylphthalate	11.89	149	2005145	31.472	ng	97
75) Fluoranthene	12.53	202	1630513	31.501	ng	99
77) Benzidine	12.65	184	366898	19.266	ng	98
78) Pyrene	12.76	202	1660773	36.235	ng	97
80) Butylbenzylphthalate	13.39	149	969277	40.489	ng	96
81) Benzo(a)anthracene	13.95	228	1492225	41.703	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	285359	19.457	ng	98
83) Chrysene	13.99	228	1505998	40.826	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1159951	40.777	ng	99
85) Di-n-octyl phthalate	14.57	149	2163518	45.376	ng	# 88
86) Indeno(1,2,3-cd)pyrene	16.82	276	1119697	37.603	ng	98
88) Benzo(b)fluoranthene	14.99	252	1080435	44.988	ng	99
89) Benzo(k)fluoranthene	15.02	252	974516	43.159	ng	100
90) Benzo(a)pyrene	15.34	252	931842	42.135	ng	99
91) Dibenzo(a,h)anthracene	16.84	278	948448	54.600	ng	99
92) Benzo(g,h,i)perylene	17.25	276	751607	43.224	ng	95

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

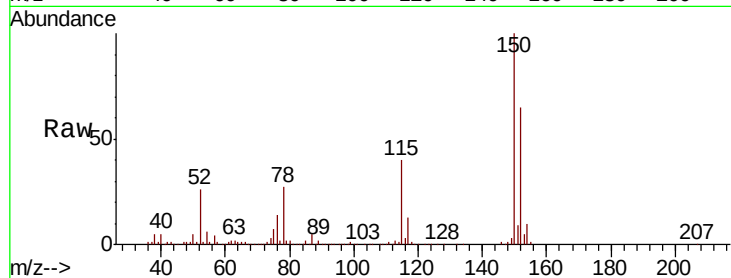


#1

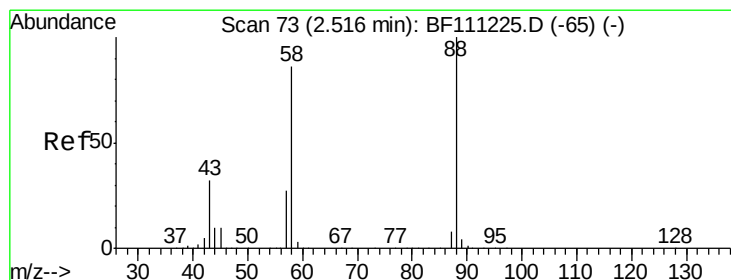
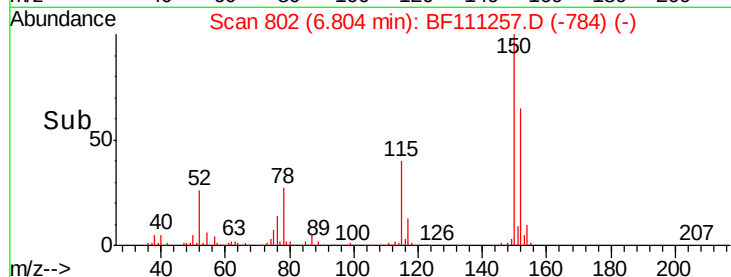
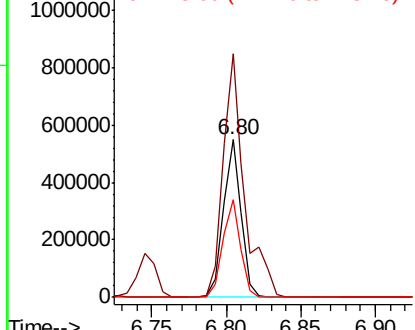
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	189.8
115	62.2	50.7	76.1



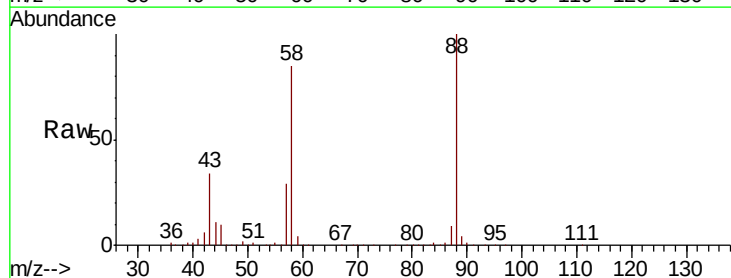
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



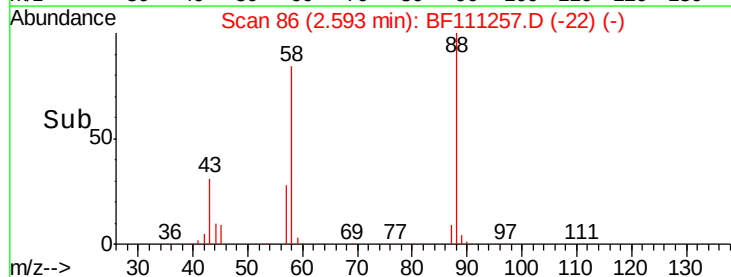
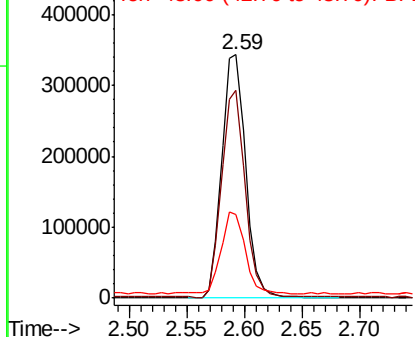
#2

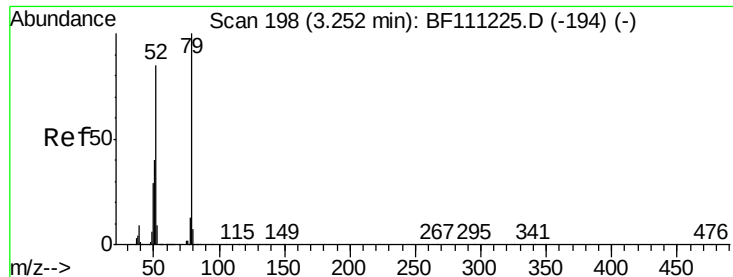
1,4-Dioxane
Concen: 32.650 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.08 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.3	68.9	103.3
43	33.7	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

Pyridine

Concen: 33.553 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.08 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

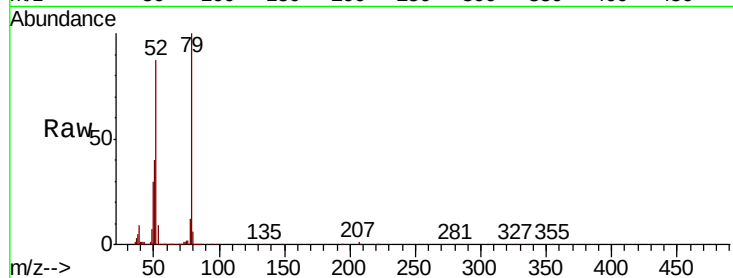
Tgt Ion: 79 Resp: 1344947

Ion Ratio Lower Upper

79 100

52 86.7 68.3 102.5

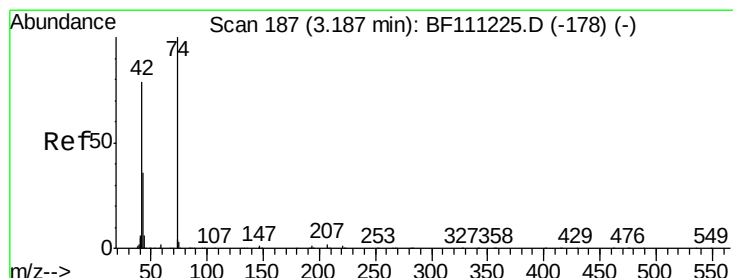
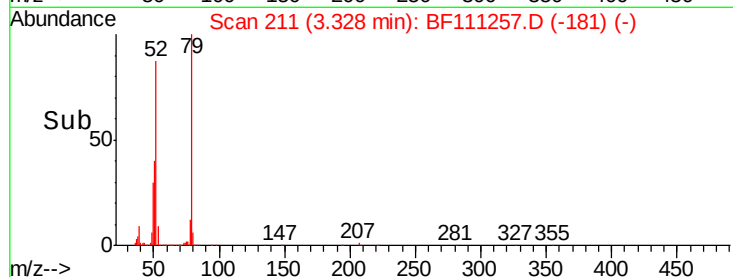
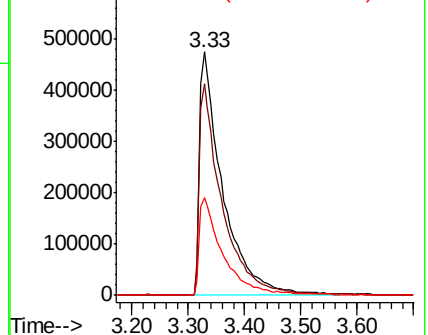
51 40.0 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.005 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.07 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

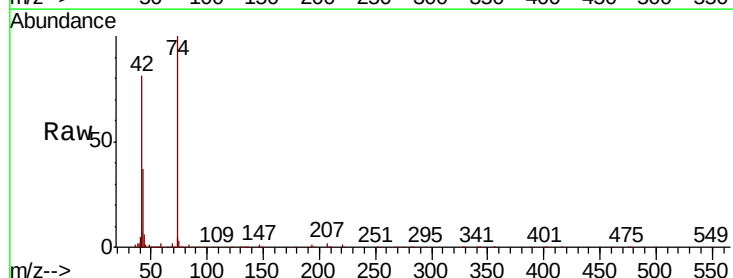
Tgt Ion: 42 Resp: 734989

Ion Ratio Lower Upper

42 100

74 123.3 101.5 152.3

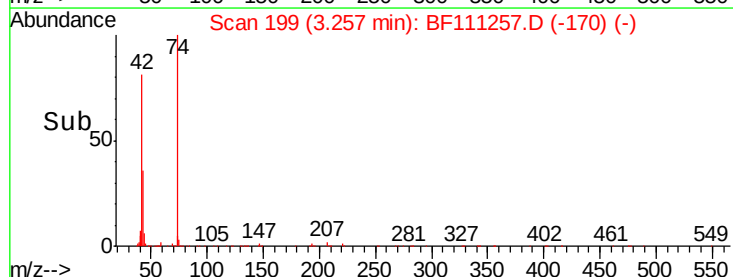
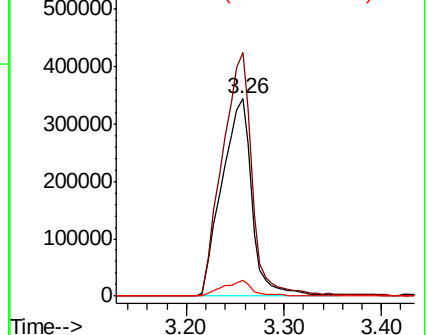
44 7.9 6.0 9.0

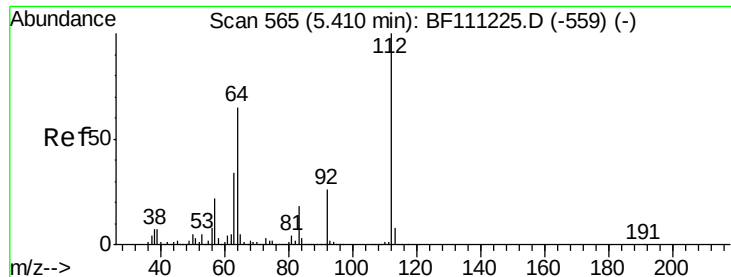


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 122.501 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

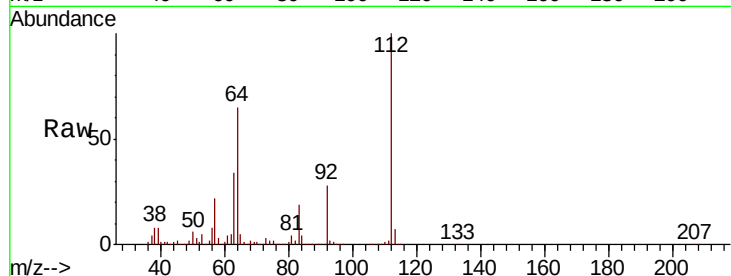
Tgt Ion:112 Resp: 3602392

Ion Ratio Lower Upper

112 100

64 64.8 51.8 77.6

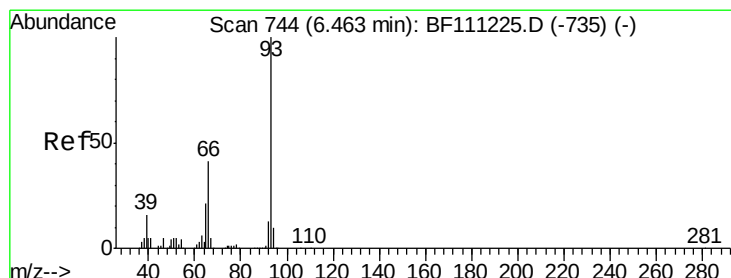
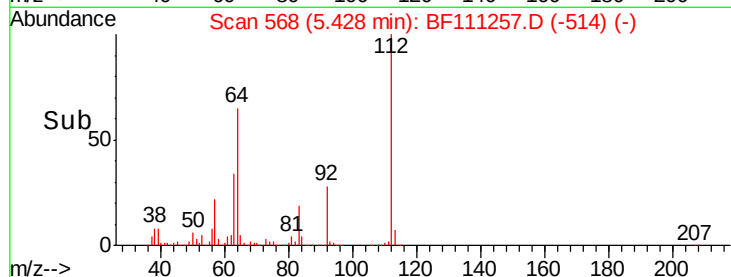
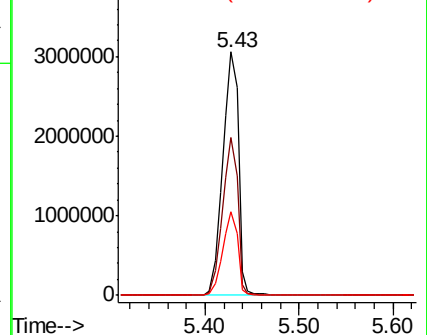
63 34.5 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.682 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

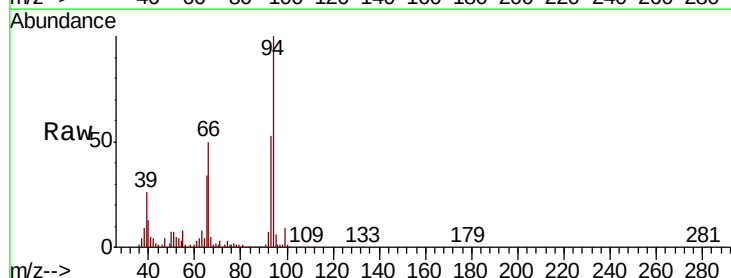
Tgt Ion: 93 Resp: 471772

Ion Ratio Lower Upper

93 100

66 94.3 33.2 49.8#

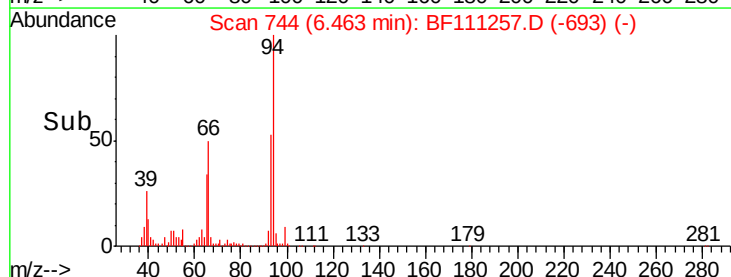
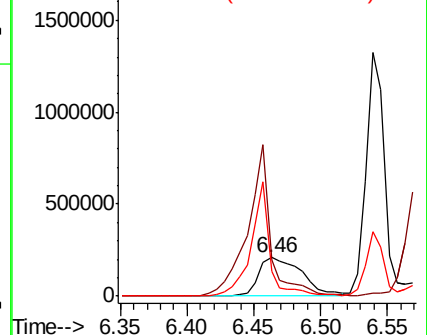
65 64.4 17.0 25.4#

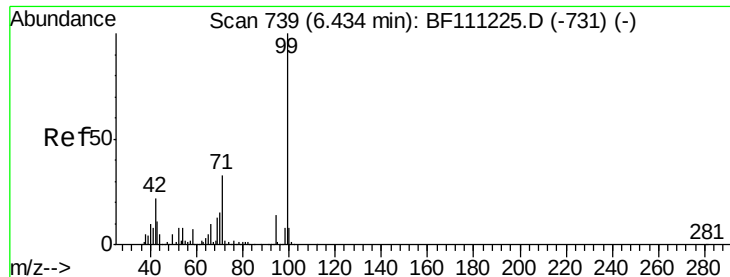


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.013 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

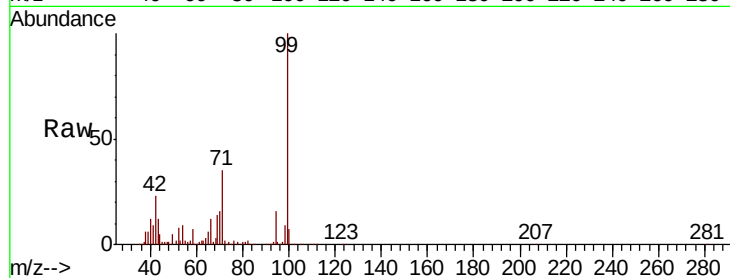
Tgt Ion: 99 Resp: 4276304

Ion Ratio Lower Upper

99 100

42 23.2 17.4 26.0

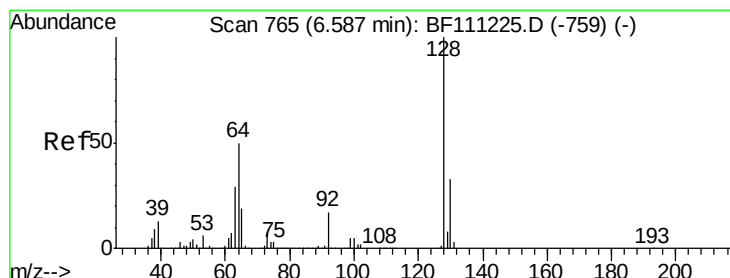
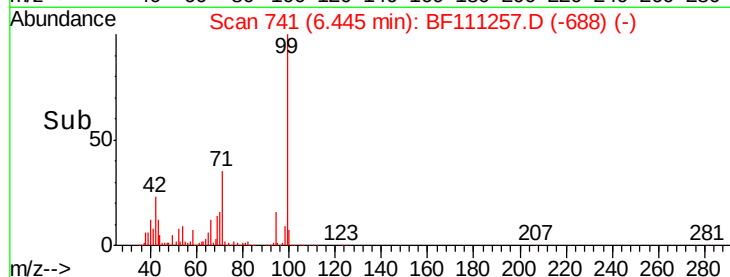
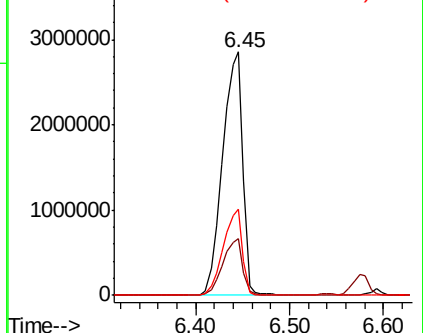
71 35.4 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.155 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

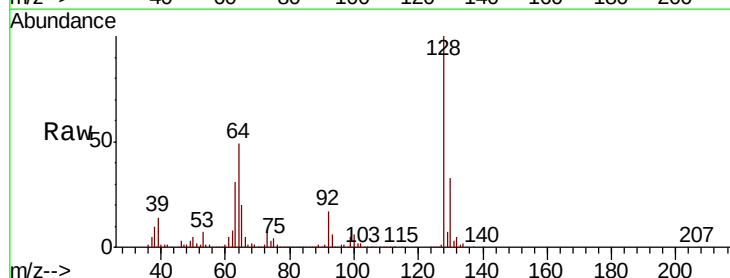
Tgt Ion: 128 Resp: 1208520

Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

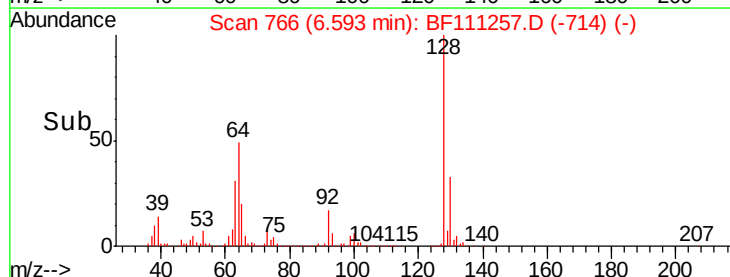
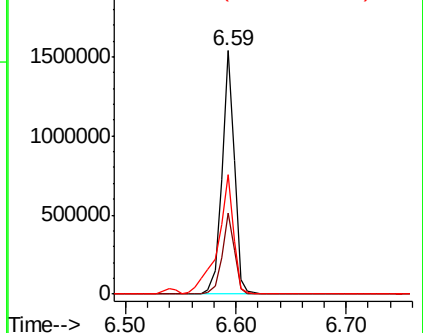
64 49.1 30.0 70.0

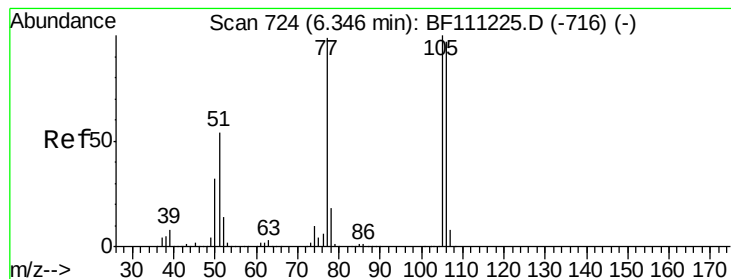


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.436 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

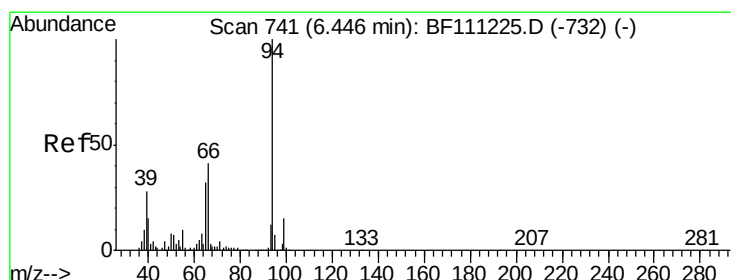
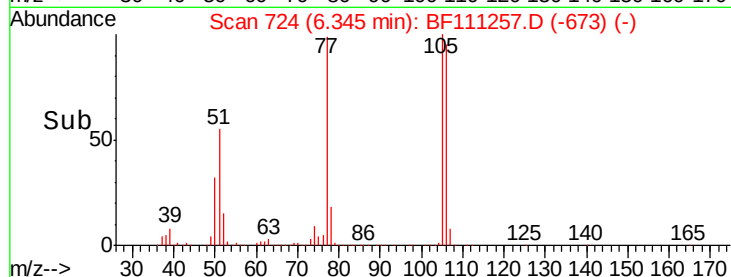
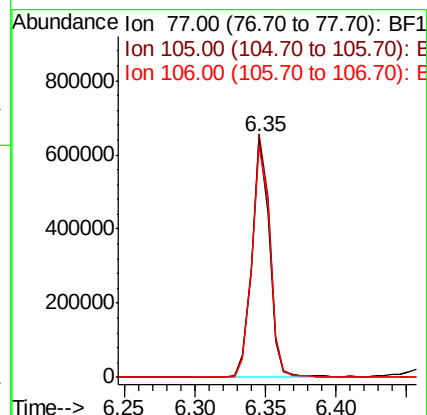
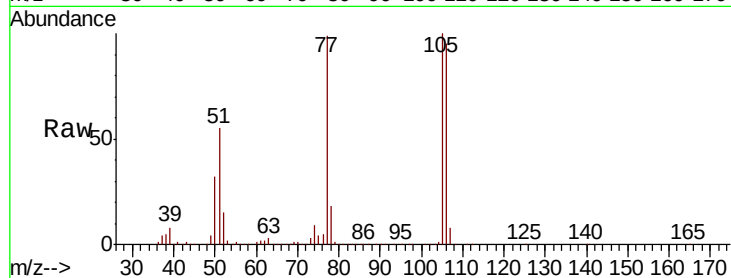
Tgt Ion: 77 Resp: 560022

Ion Ratio Lower Upper

77 100

105 101.3 81.4 121.4

106 96.1 77.9 117.9



#10

Phenol

Concen: 38.939 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

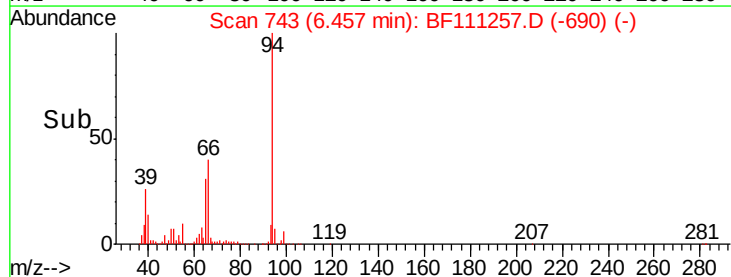
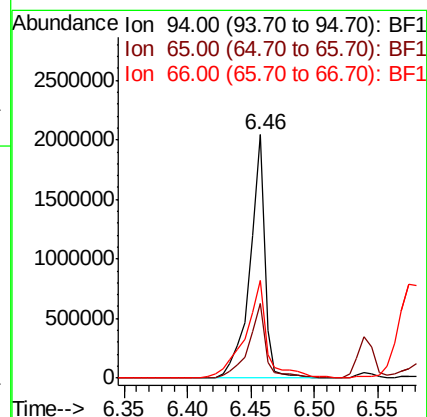
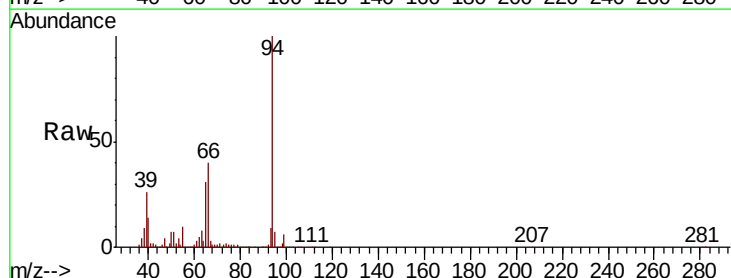
Tgt Ion: 94 Resp: 1663955

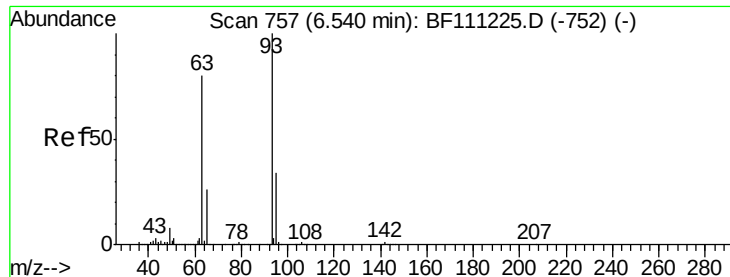
Ion Ratio Lower Upper

94 100

65 30.6 11.7 51.7

66 40.1 21.0 61.0

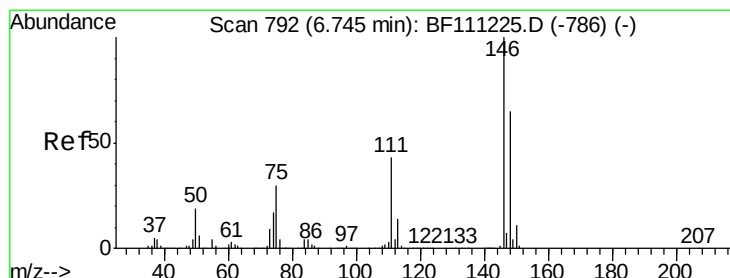
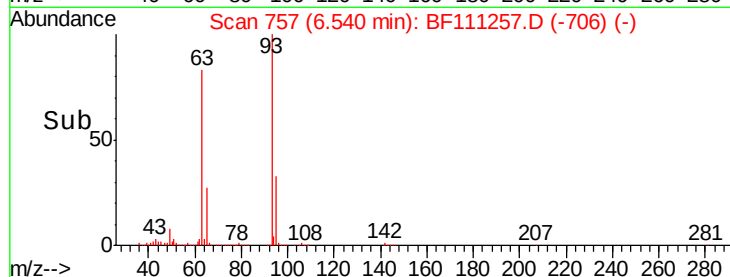
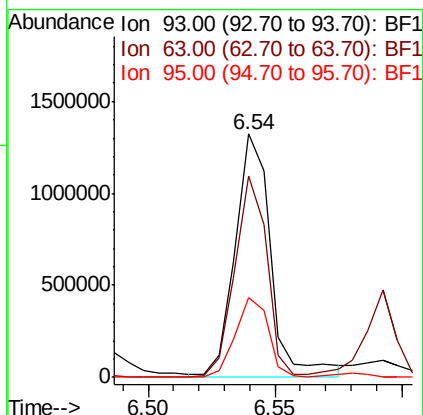
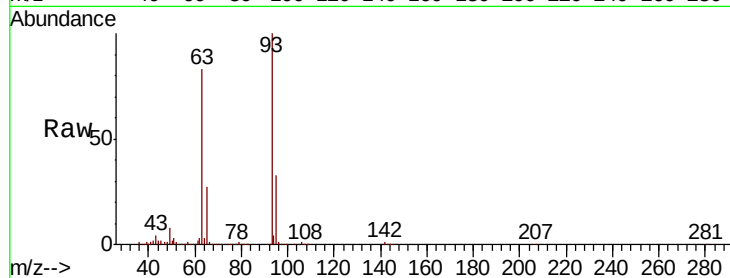




#11
bis(2-Chloroethyl)ether
Concen: 39.347 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

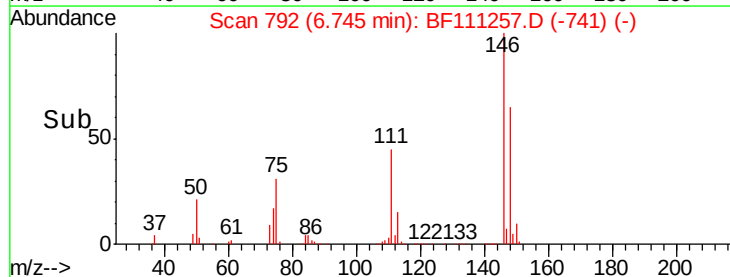
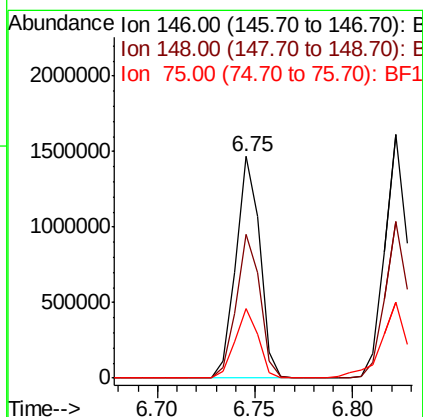
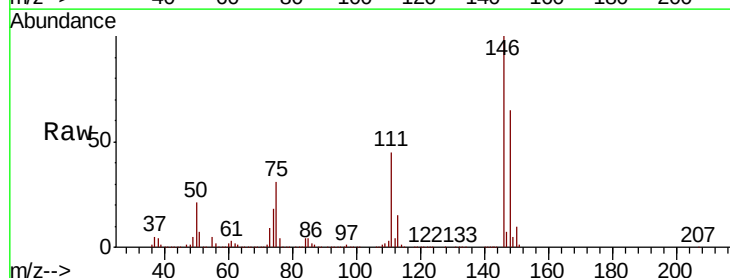
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

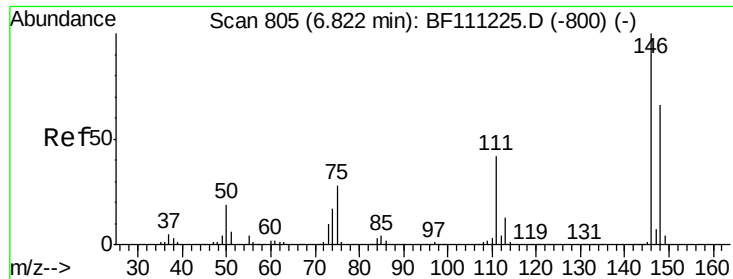
Tgt Ion: 93 Resp: 1300370
Ion Ratio Lower Upper
93 100
63 82.7 60.0 100.0
95 32.8 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 34.906 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion: 146 Resp: 1253678
Ion Ratio Lower Upper
146 100
148 64.7 52.1 78.1
75 31.5 23.9 35.9

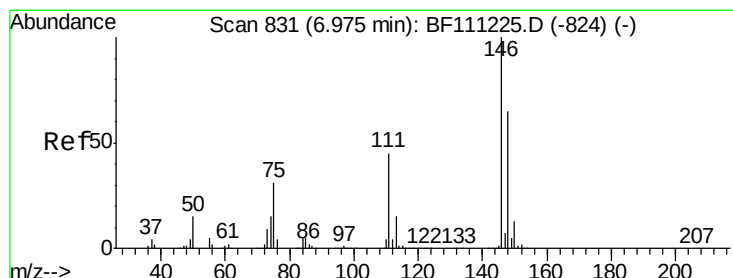
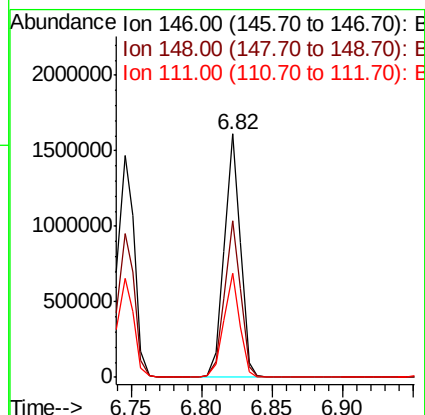
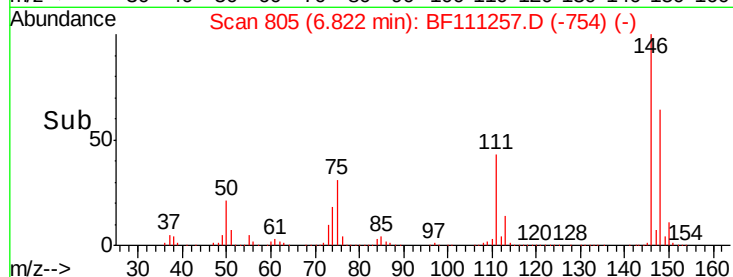
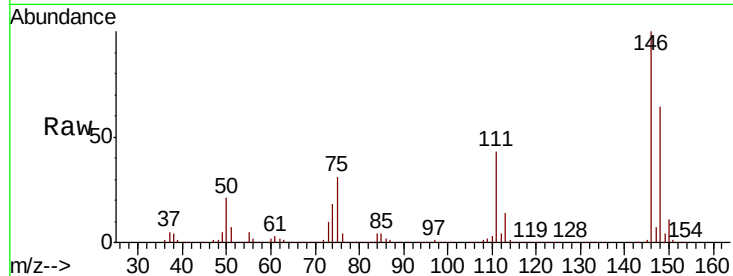




#13
 1,4-Dichlorobenzene
 Concen: 35.402 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

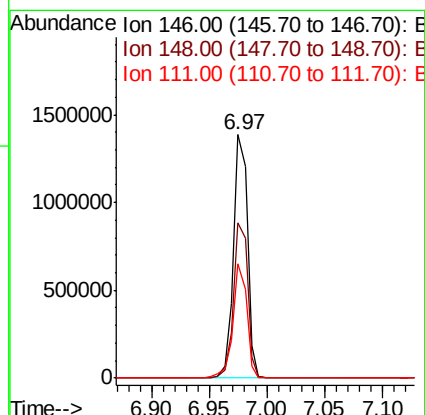
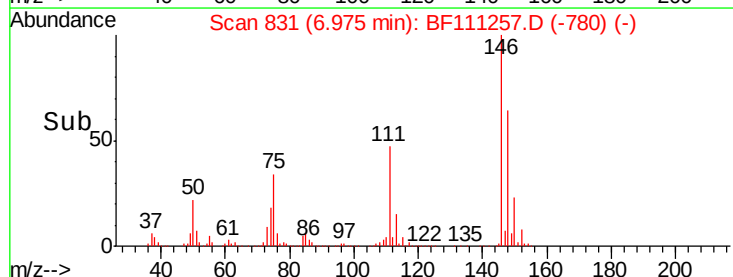
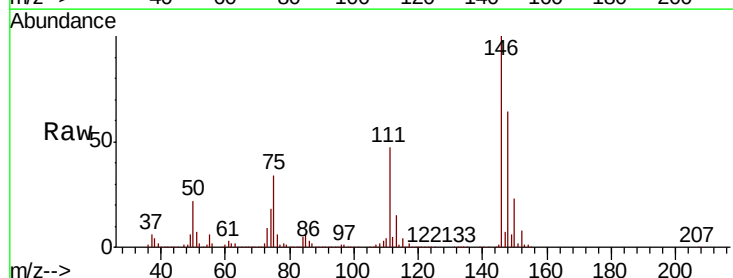
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

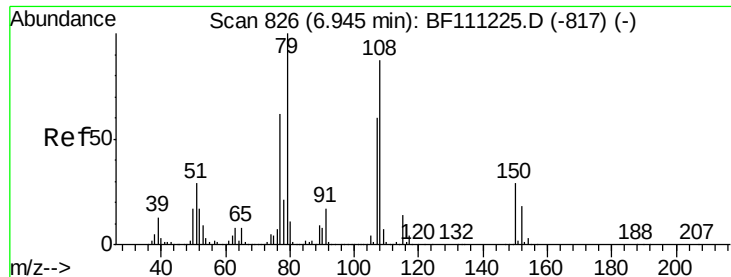
Tgt Ion:146 Resp: 1283856
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.8 79.2
 111 42.9 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 34.359 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion:146 Resp: 1162191
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.9 77.9
 111 46.9 36.2 54.4

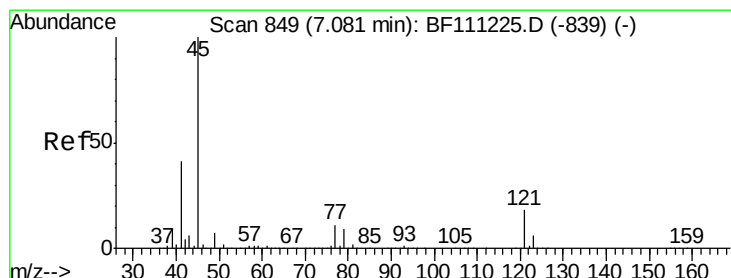
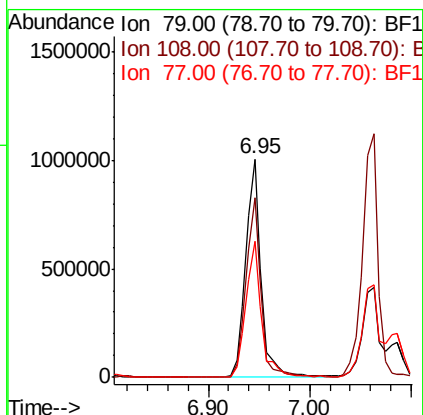
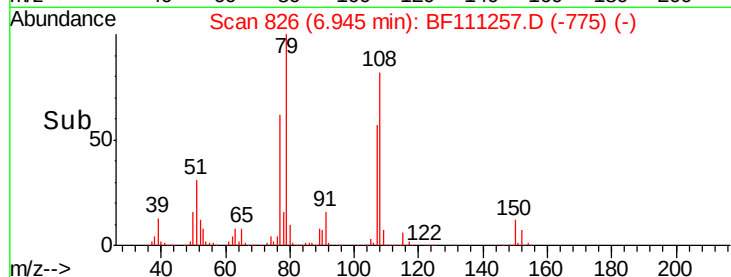
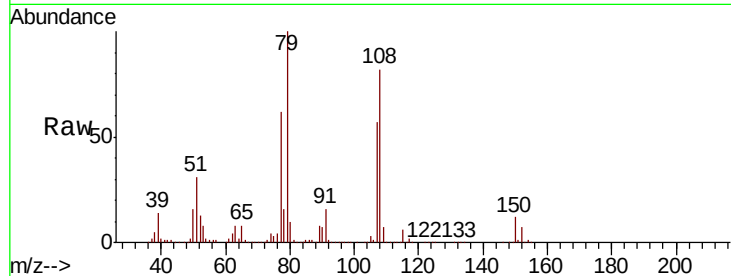




#15
Benzyl Alcohol
Concen: 36.786 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

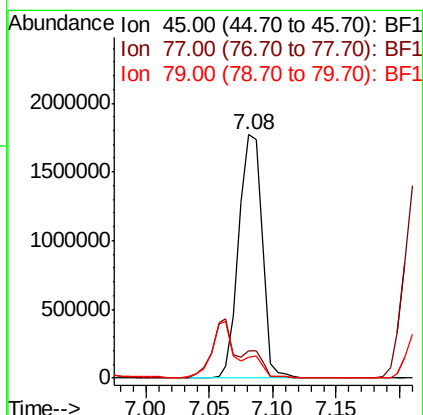
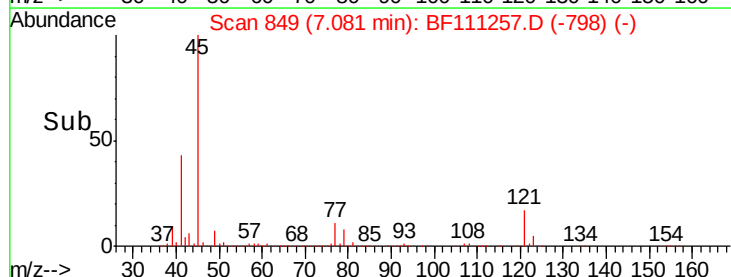
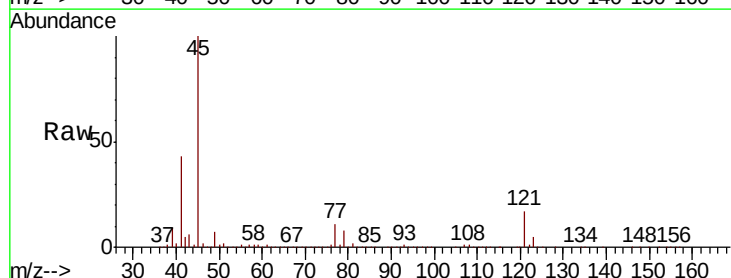
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

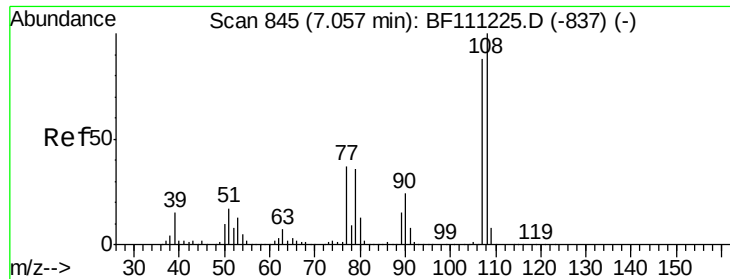
Tgt Ion: 79 Resp: 1063869
Ion Ratio Lower Upper
79 100
108 82.4 69.4 104.2
77 62.0 49.7 74.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.348 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion: 45 Resp: 2249054
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.5
79 8.4 0.0 28.9

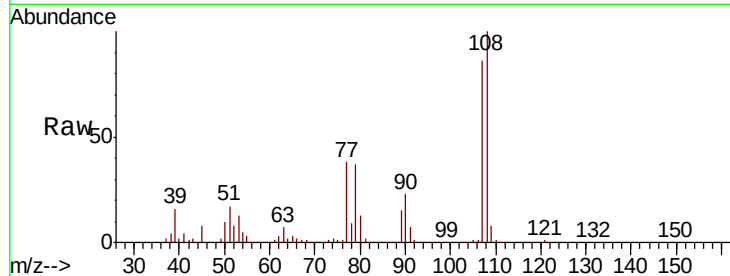




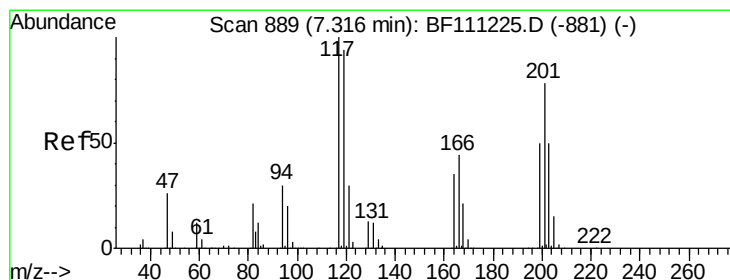
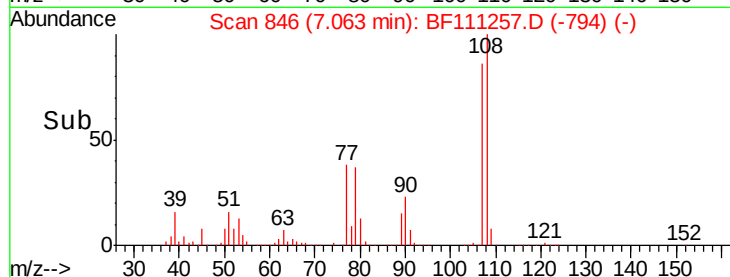
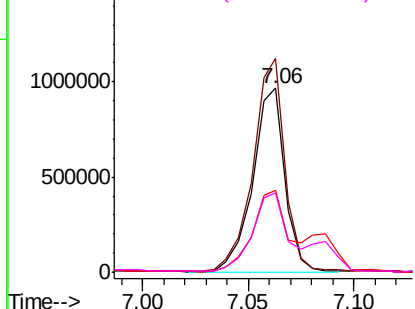
#17
2-Methylphenol
Concen: 37.456 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tgt Ion:107 Resp: 1022172
Ion Ratio Lower Upper
107 100
108 115.9 91.0 136.4
77 44.2 33.5 50.3
79 43.0 33.3 49.9

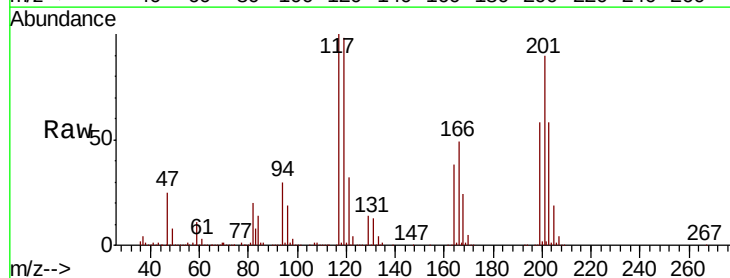


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

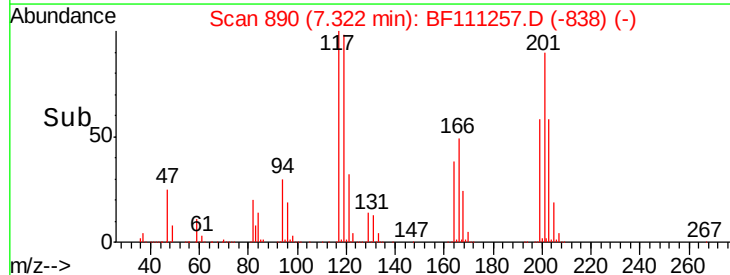
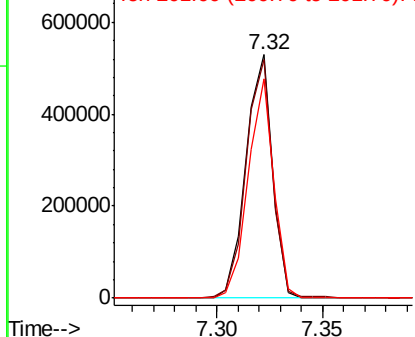


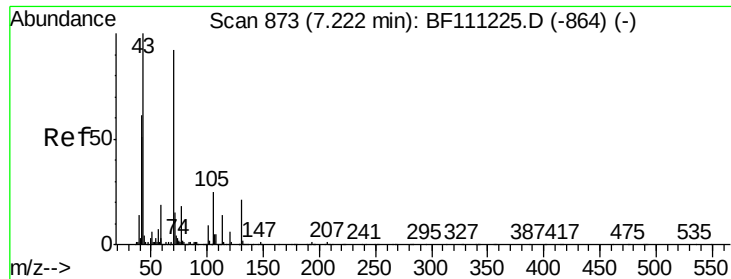
#18
Hexachloroethane
Concen: 33.570 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion:117 Resp: 463514
Ion Ratio Lower Upper
117 100
119 98.0 75.4 113.0
201 90.3 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

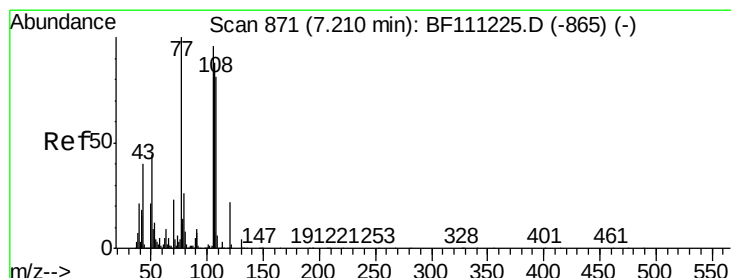
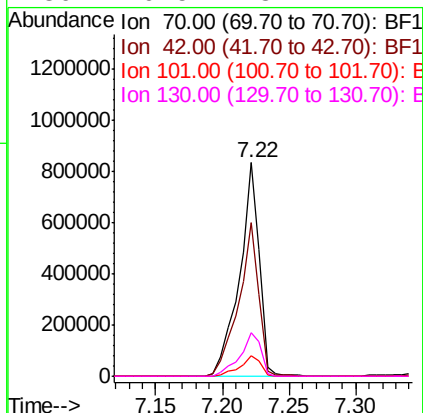
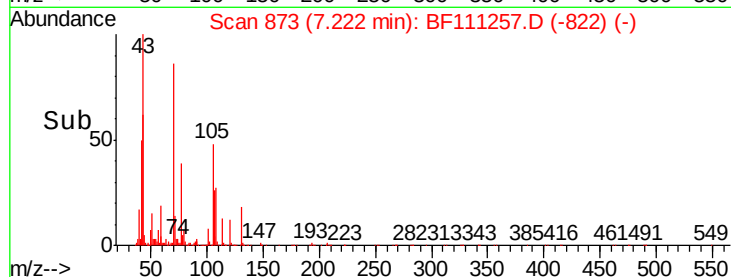
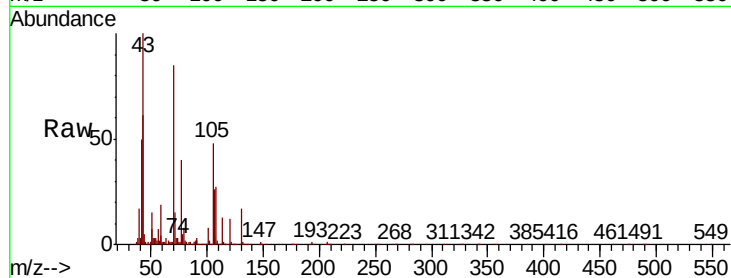




#19
n-Nitroso-di-n-propylamine
Concen: 35.047 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

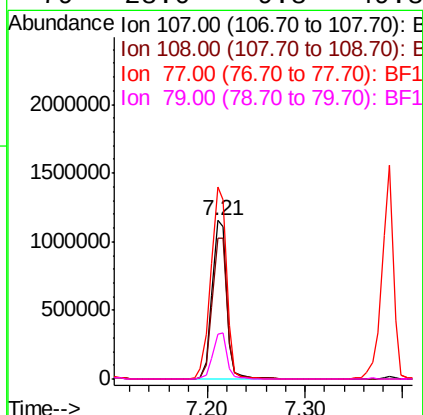
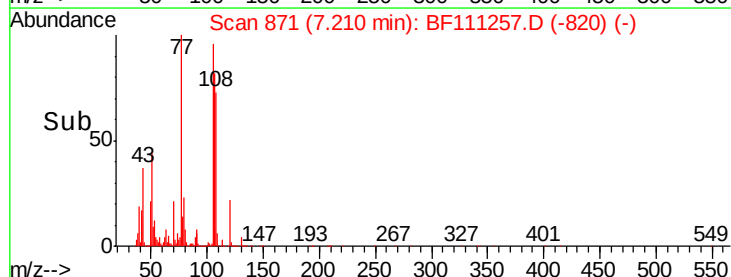
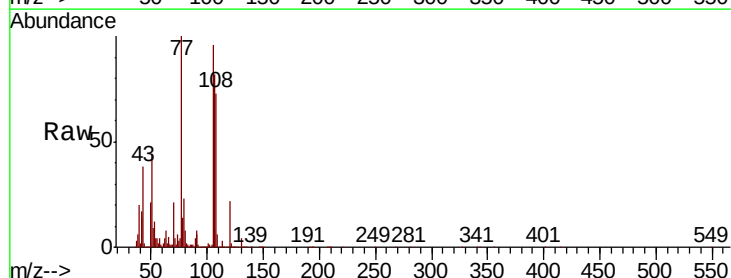
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

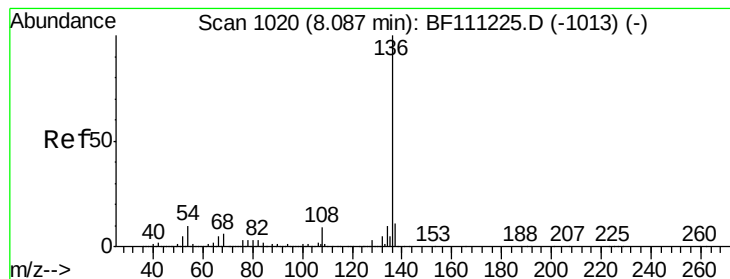
Tgt Ion:	70	Resp:	857989
Ion	Ratio	Lower	Upper
70	100		
42	72.0	53.2	79.8
101	9.7	8.2	12.4
130	20.5	18.1	27.1



#20
3+4-Methylphenols
Concen: 36.920 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion:	107	Resp:	1198411
Ion	Ratio	Lower	Upper
107	100		
108	88.6	72.1	112.1
77	121.6	94.1	134.1
79	28.0	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

Tgt Ion:136 Resp: 1761782

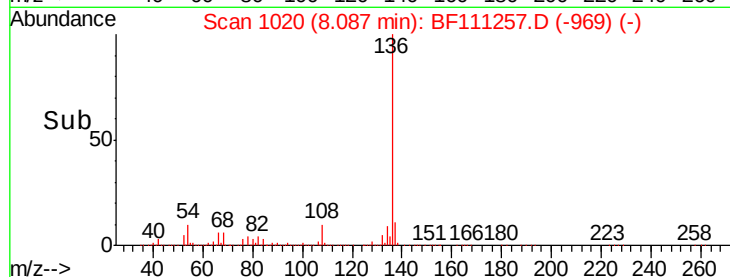
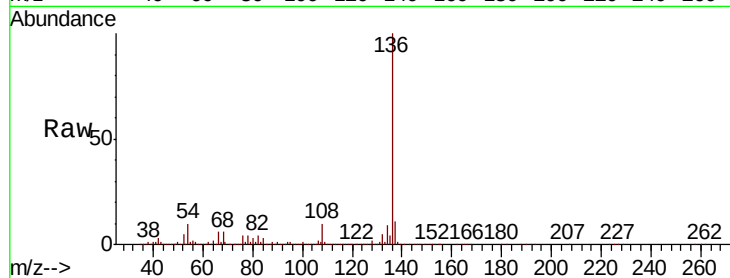
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.5 7.7 11.5

68 6.5 4.9 7.3



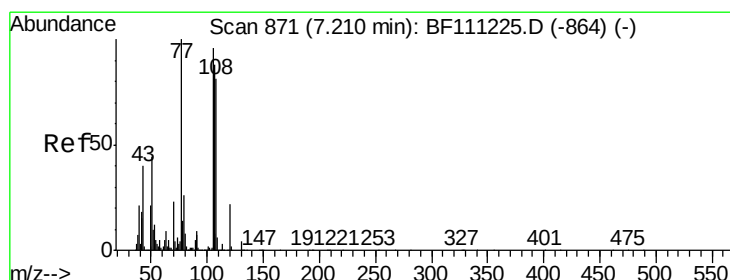
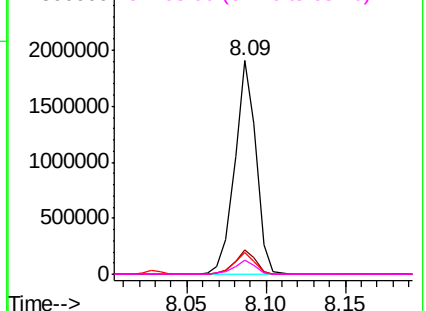
Abundance

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: 40.103 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Tgt Ion:105 Resp: 1616610

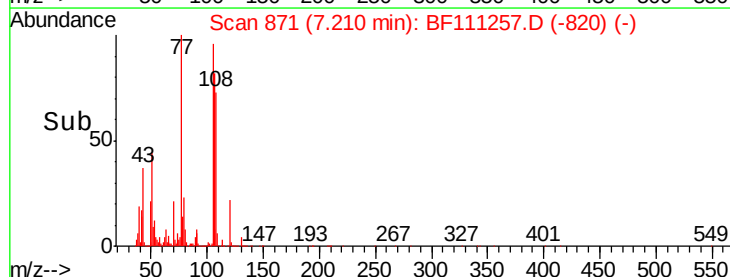
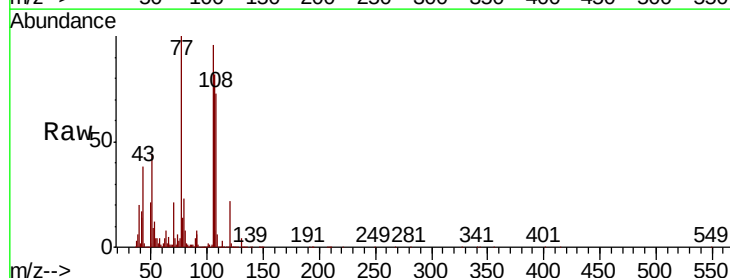
Ion Ratio Lower Upper

105 100

71 3.7 3.1 4.7

51 45.5 36.6 54.8

120 22.7 18.2 27.4



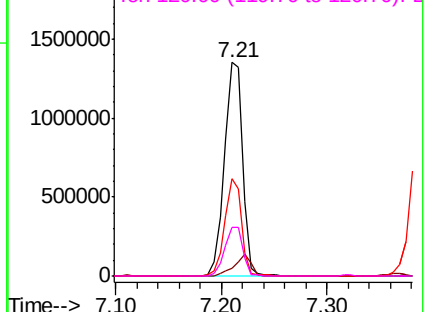
Abundance

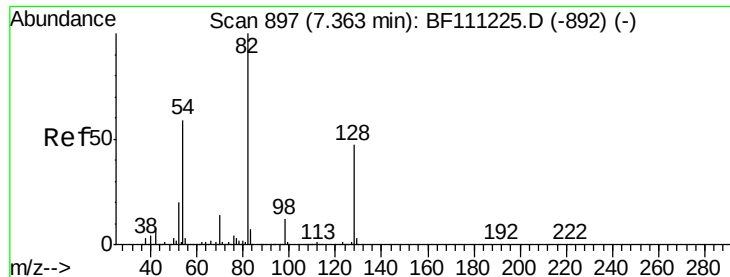
Ion 105.00 (104.70 to 105.70): E

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

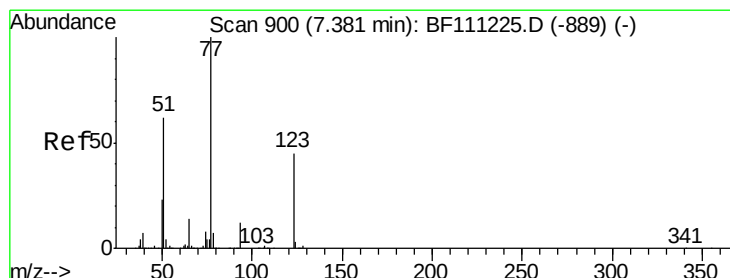
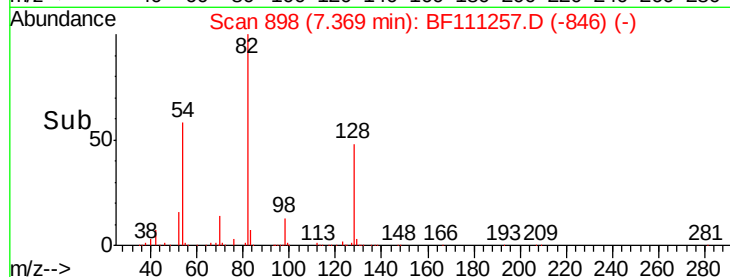
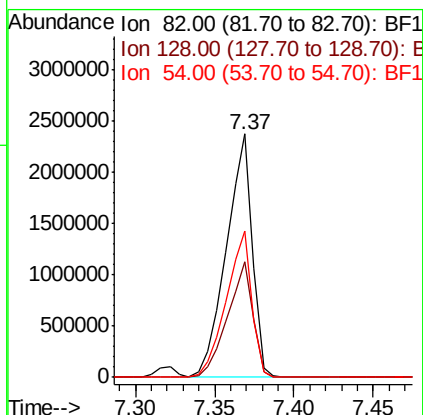
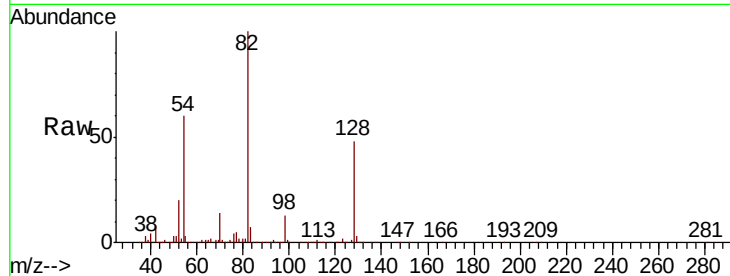




#23
 Nitrobenzene-d5
 Concen: 85.514 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

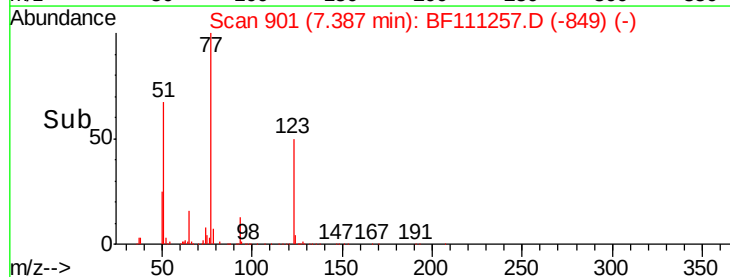
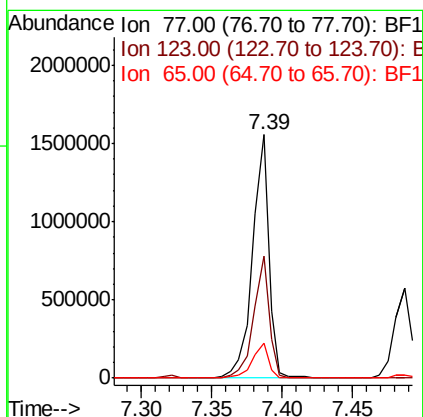
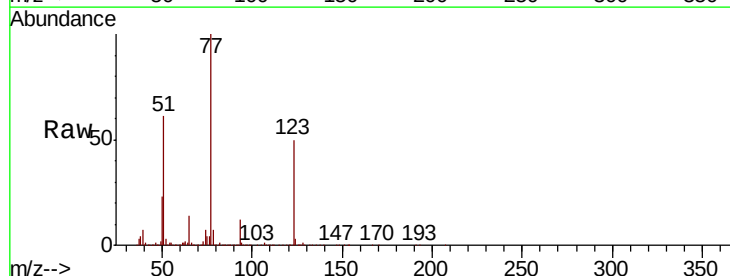
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

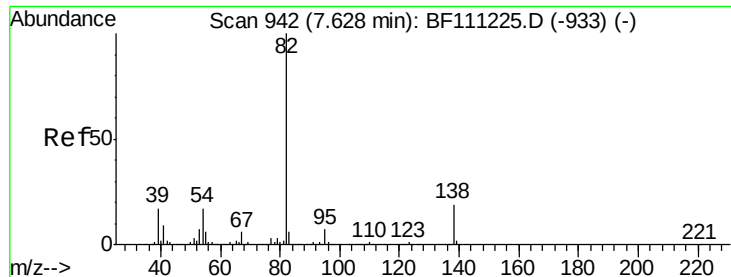
Tgt Ion: 82 Resp: 2686068
 Ion Ratio Lower Upper
 82 100
 128 47.7 37.4 56.2
 54 60.0 47.6 71.4



#24
 Nitrobenzene
 Concen: 38.846 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion: 77 Resp: 1269929
 Ion Ratio Lower Upper
 77 100
 123 50.0 37.2 55.8
 65 14.5 11.5 17.3





#25

Isophorone

Concen: 40.477 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

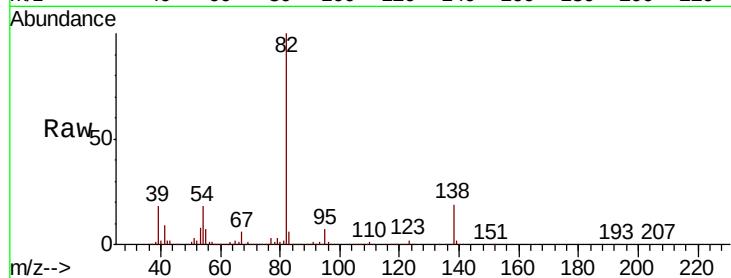
Tgt Ion: 82 Resp: 2165469

Ion Ratio Lower Upper

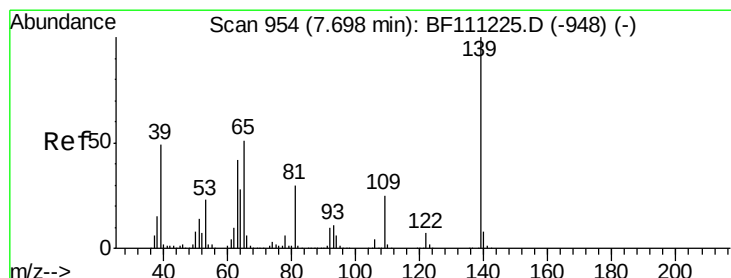
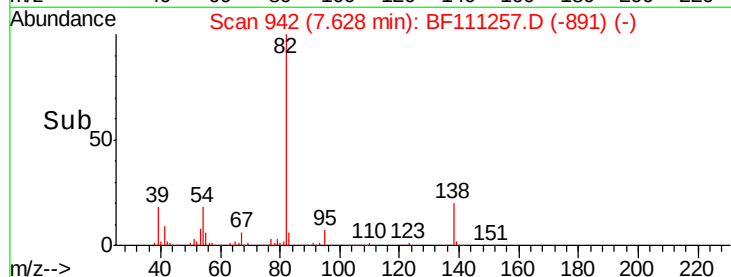
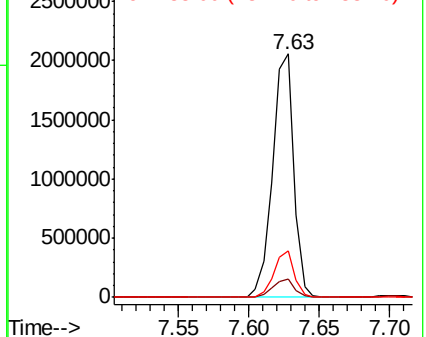
82 100

95 7.4 5.4 8.2

138 19.3 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.232 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

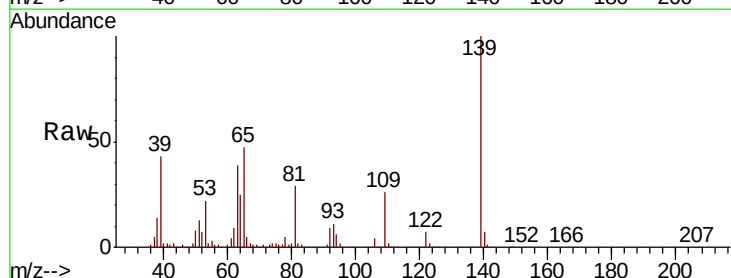
Tgt Ion: 139 Resp: 620989

Ion Ratio Lower Upper

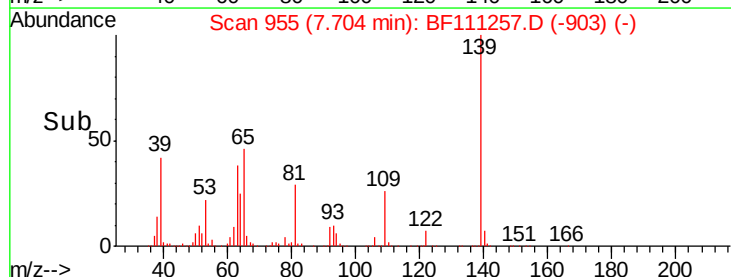
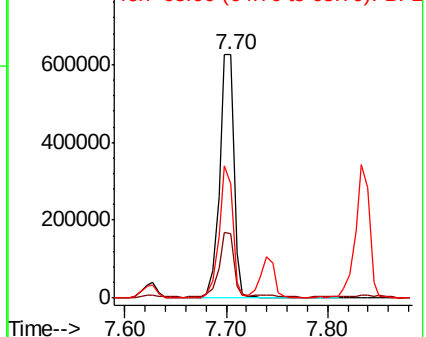
139 100

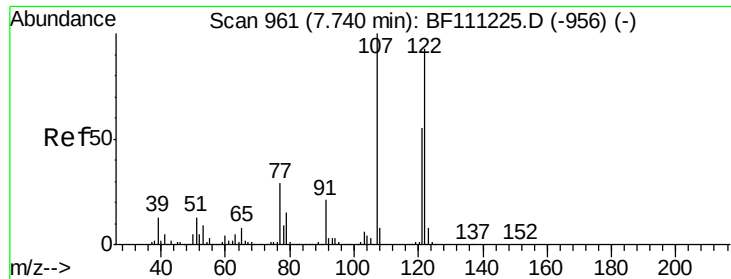
109 26.3 20.2 30.4

65 46.9 40.7 61.1



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

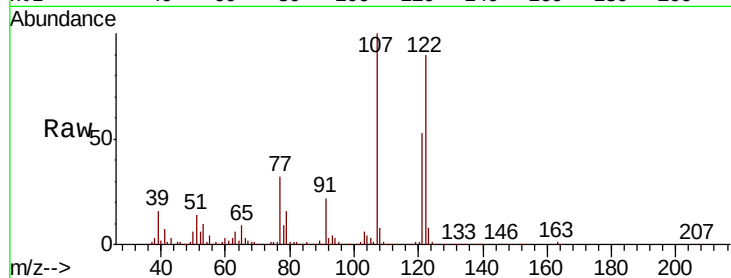




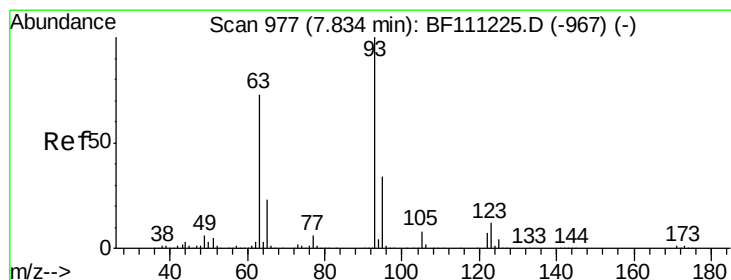
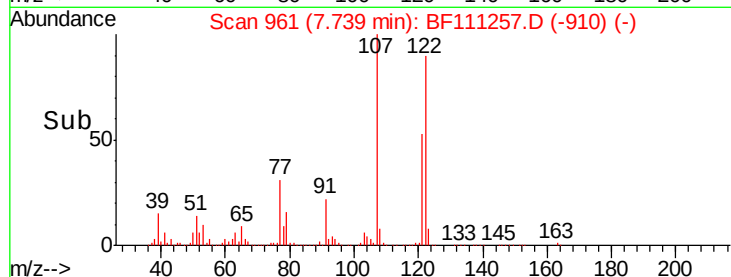
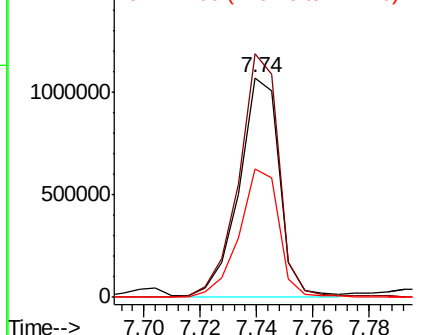
#27
 2,4-Dimethylphenol
 Concen: 42.285 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

Tgt Ion:122 Resp: 1061317
 Ion Ratio Lower Upper
 122 100
 107 111.0 85.5 128.3
 121 58.3 46.6 70.0

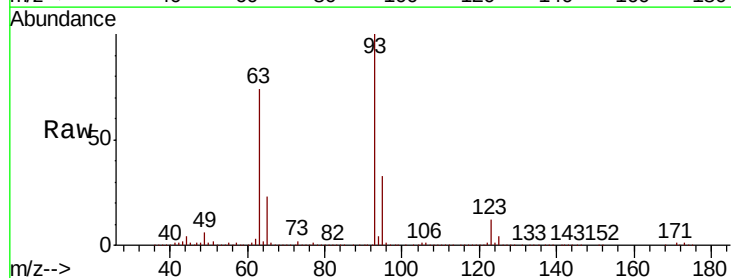


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

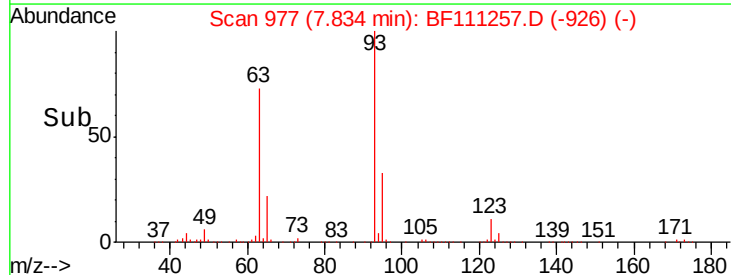
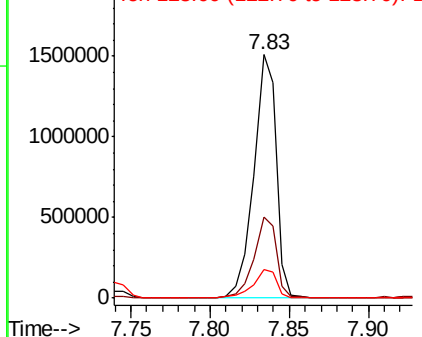


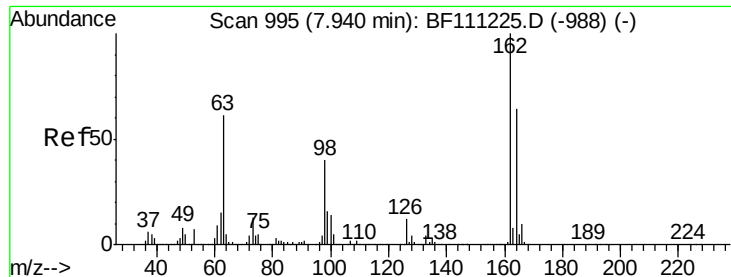
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.981 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion: 93 Resp: 1481176
 Ion Ratio Lower Upper
 93 100
 95 33.5 27.1 40.7
 123 11.5 9.9 14.9



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

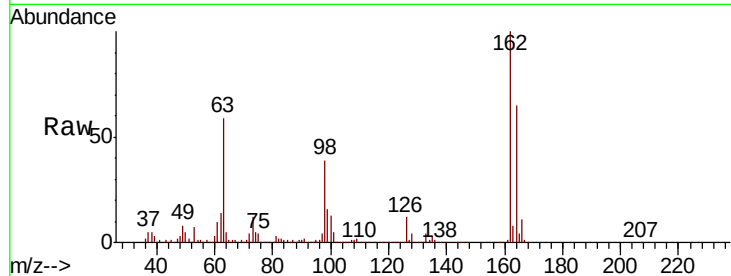




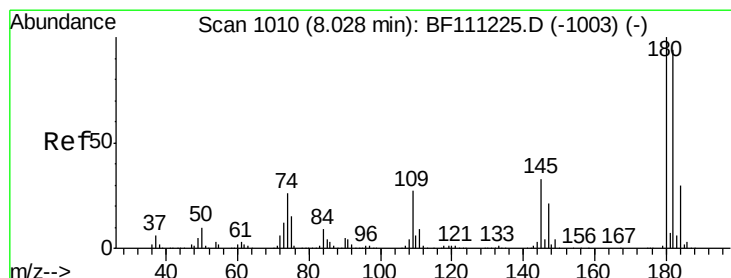
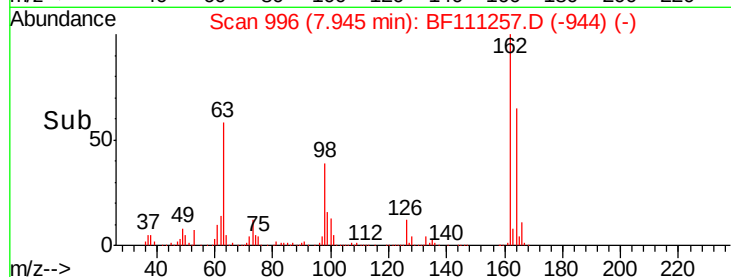
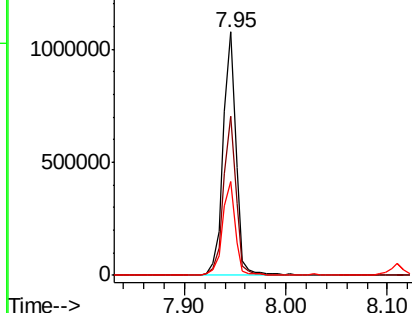
#29
2,4-Dichlorophenol
Concen: 37.106 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.4	84.4
98	38.7	20.3	60.3

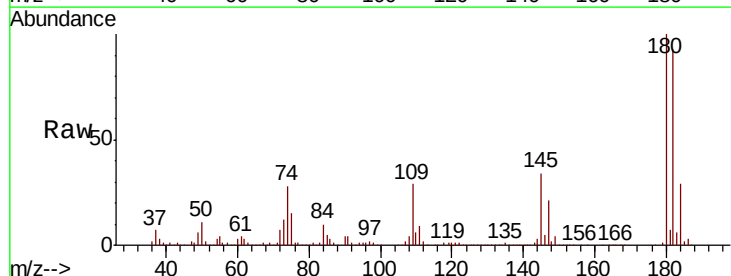


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

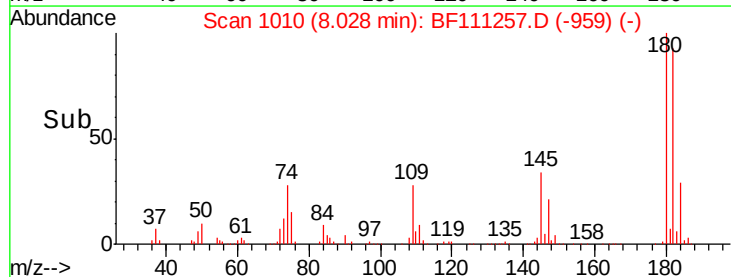
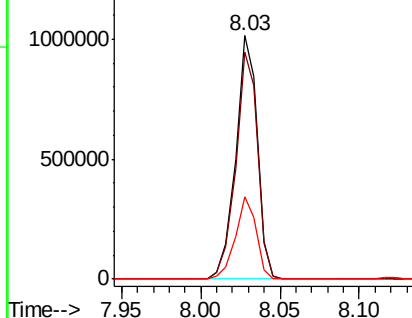


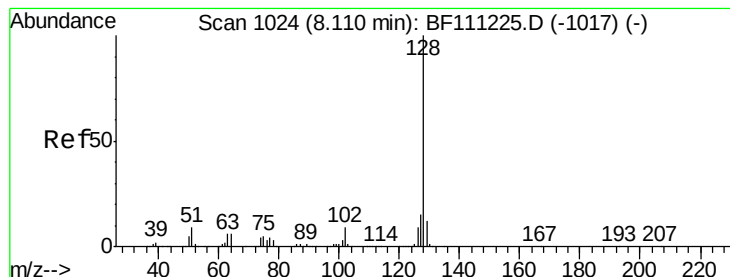
#30
1,2,4-Trichlorobenzene
Concen: 37.986 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.6	113.4
145	34.0	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: 40.778 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

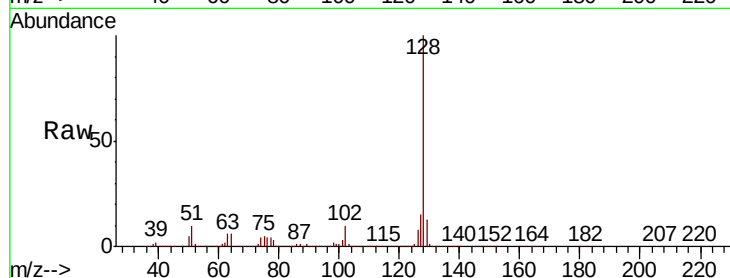
Tgt Ion:128 Resp: 3135463

Ion Ratio Lower Upper

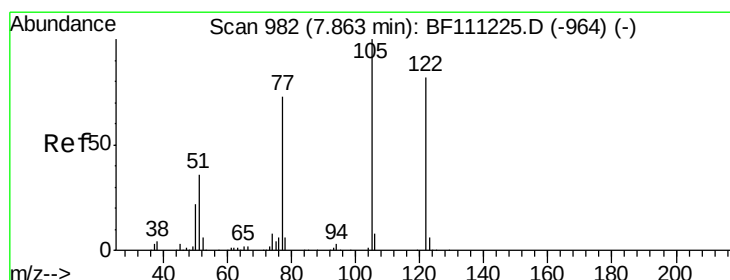
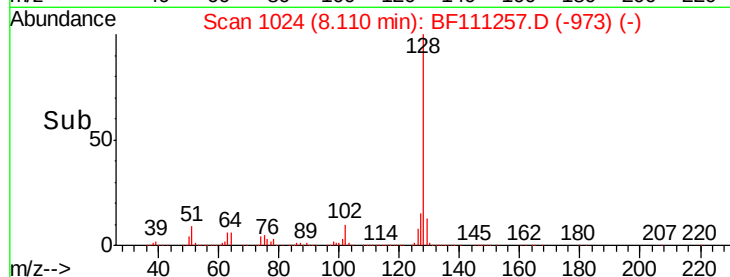
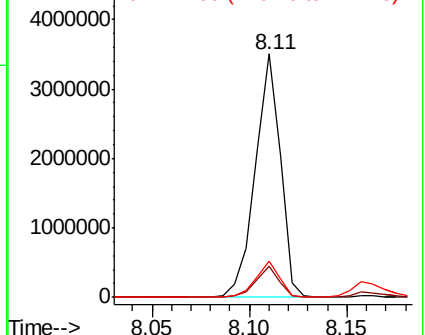
128 100

129 12.5 9.8 14.8

127 14.7 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: 8.122 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.04 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

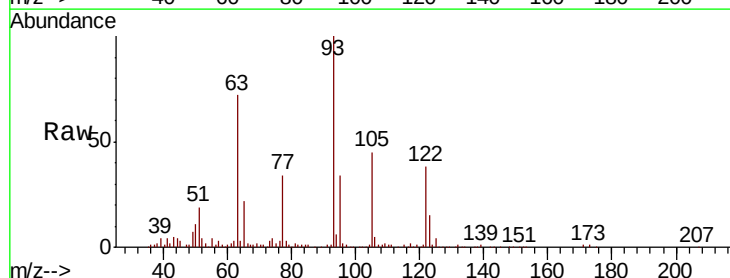
Tgt Ion:122 Resp: 168583

Ion Ratio Lower Upper

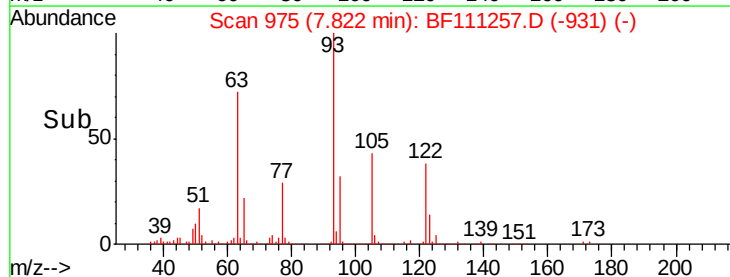
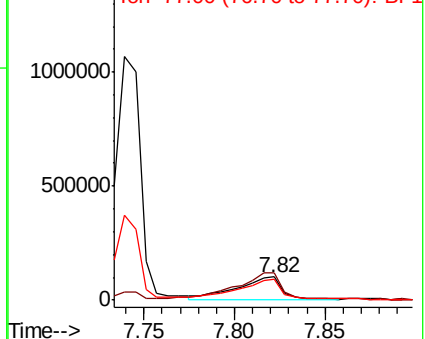
122 100

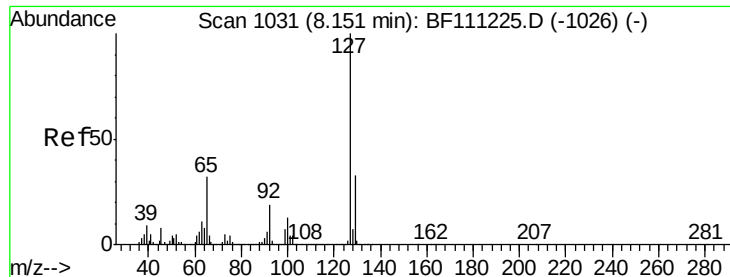
105 118.6 97.0 137.0

77 89.6 65.7 105.7



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

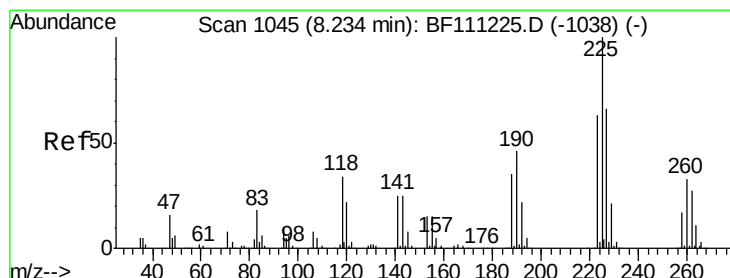
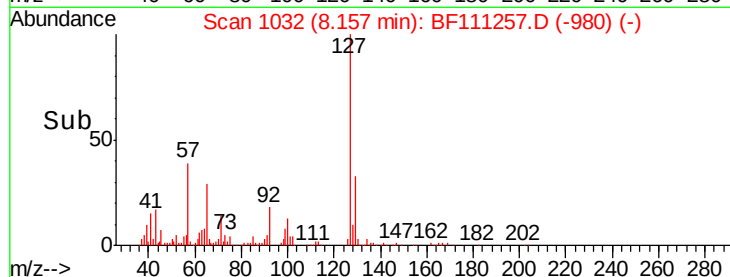
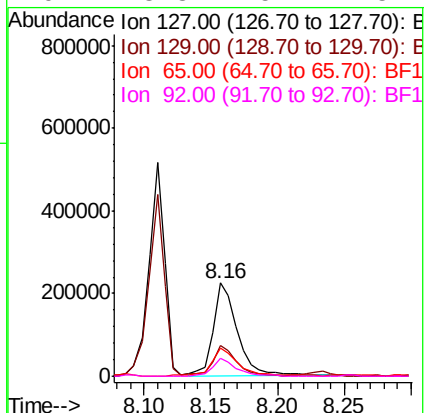
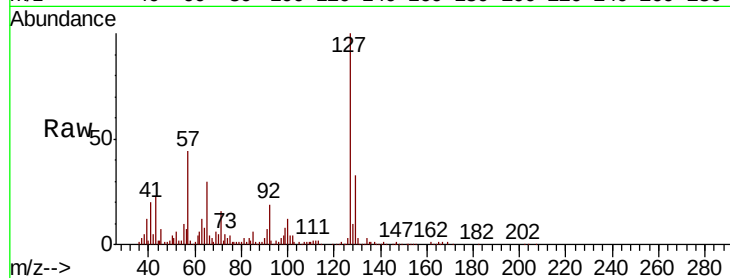




#33
4-Chloroaniline
Concen: 7.698 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

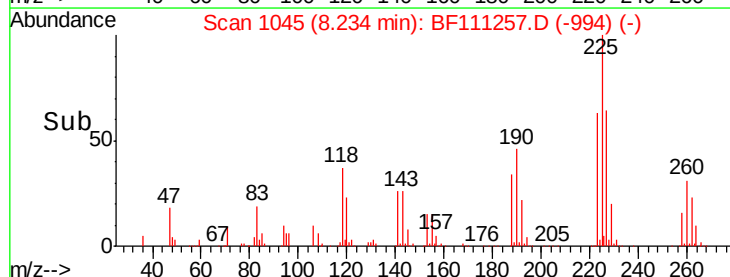
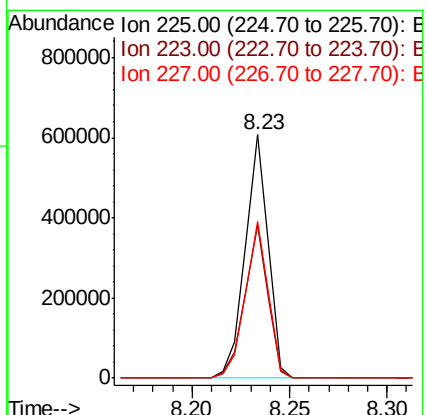
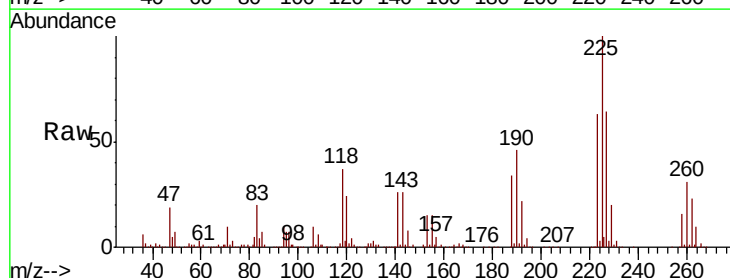
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

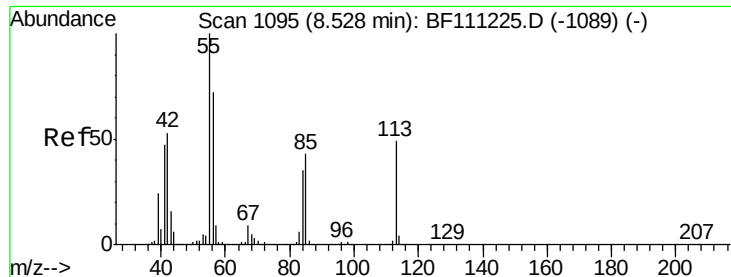
Tgt Ion:	127	Resp:	284294
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	30.4	25.7	38.5
92	18.8	15.4	23.2



#34
Hexachlorobutadiene
Concen: 35.644 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion:	225	Resp:	497395
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	64.4	52.6	78.8

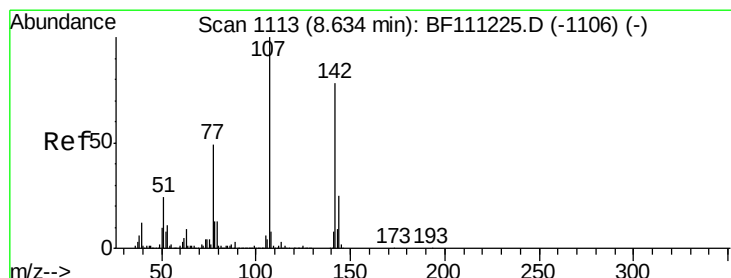
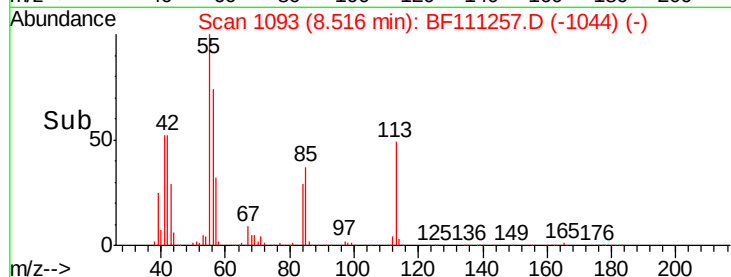
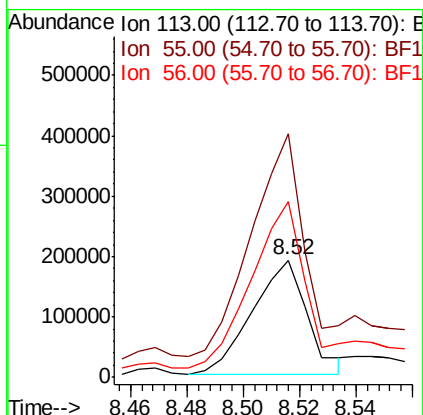
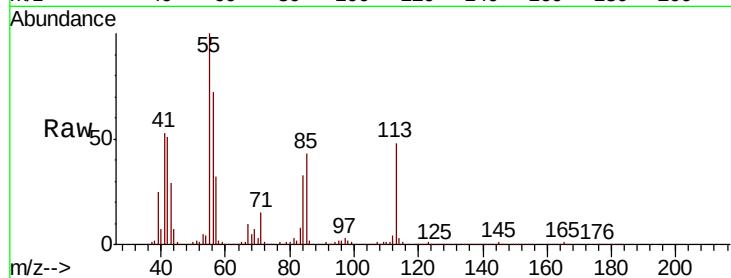




#35
 Caprolactam
 Concen: 28.089 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

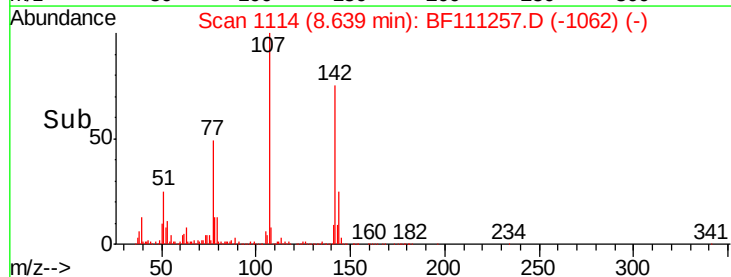
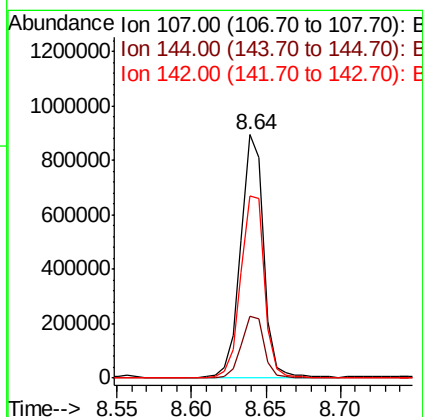
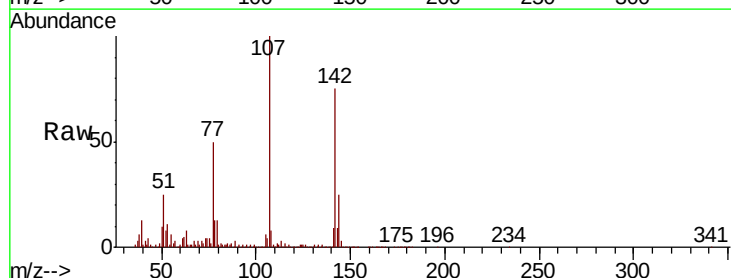
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

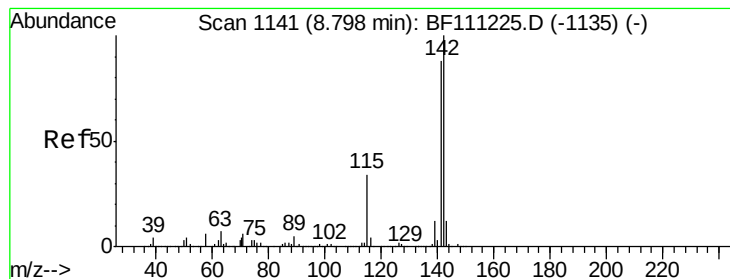
Tgt Ion:113 Resp: 255449
 Ion Ratio Lower Upper
 113 100
 55 207.9 184.1 224.1
 56 150.6 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.219 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion:107 Resp: 951705
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.8 29.6
 142 74.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 41.779 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

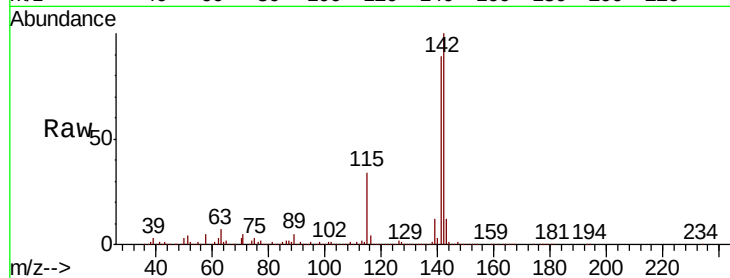
Tgt Ion:142 Resp: 2132786

Ion Ratio Lower Upper

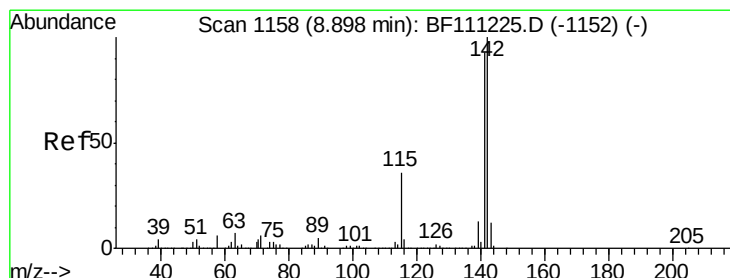
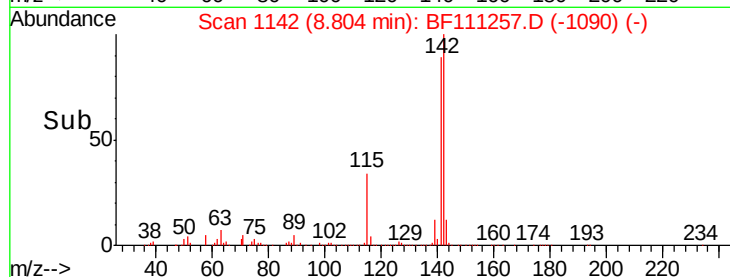
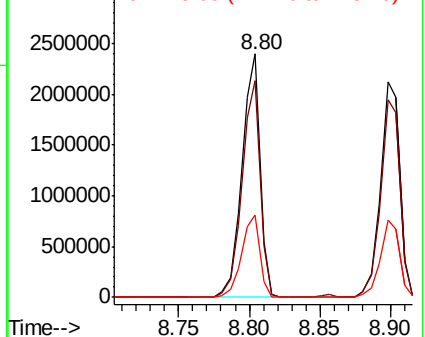
142 100

141 89.1 70.6 105.8

115 33.9 27.0 40.6



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



#38

1-Methylnaphthalene

Concen: 40.116 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

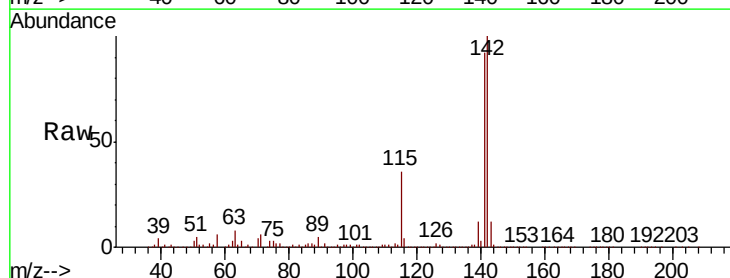
Tgt Ion:142 Resp: 2005529

Ion Ratio Lower Upper

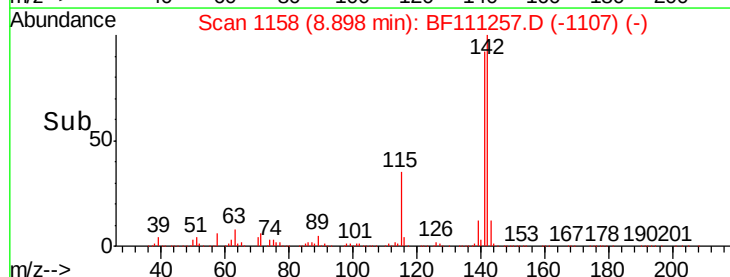
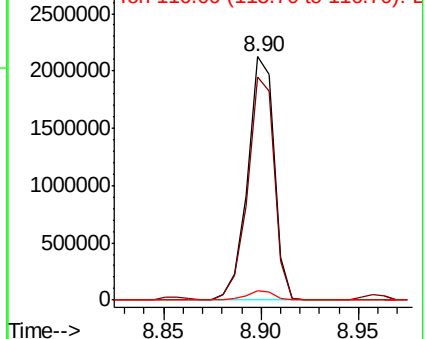
142 100

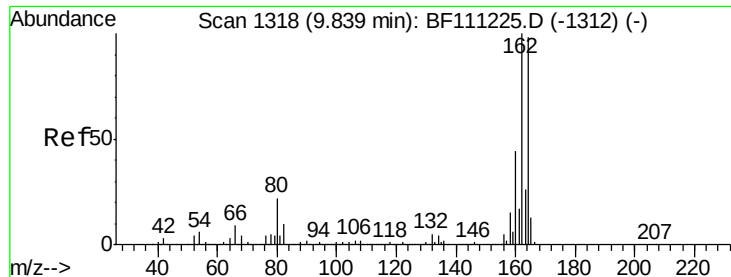
141 91.8 74.2 111.4

116 3.9 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

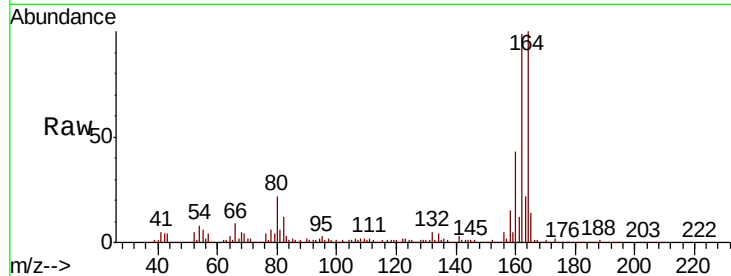




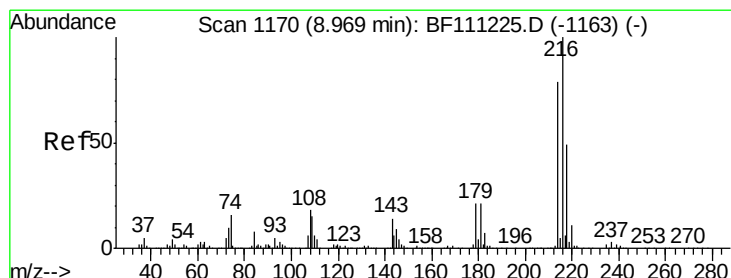
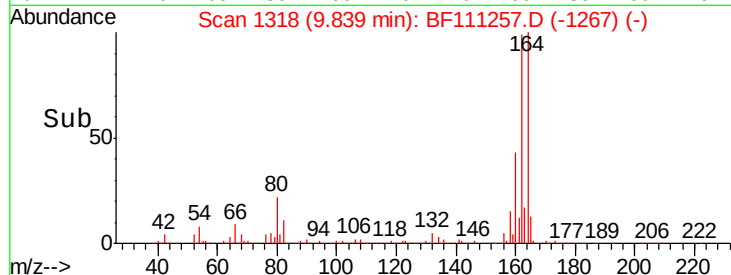
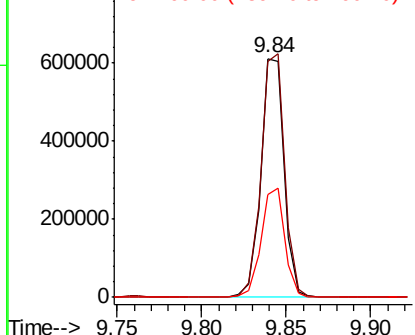
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tgt Ion:164 Resp: 582652
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 43.3 35.7 53.5

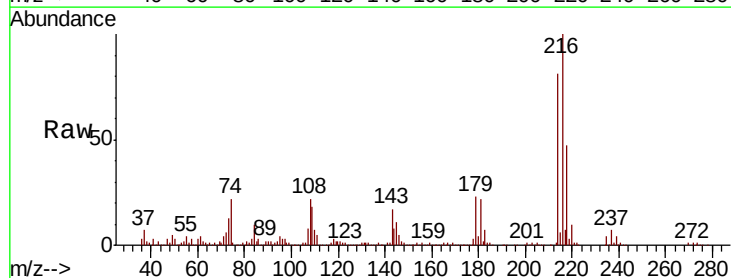


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

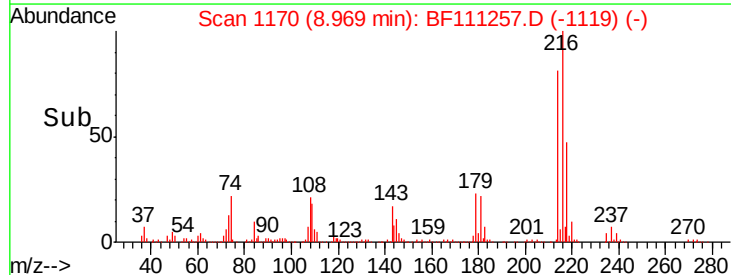
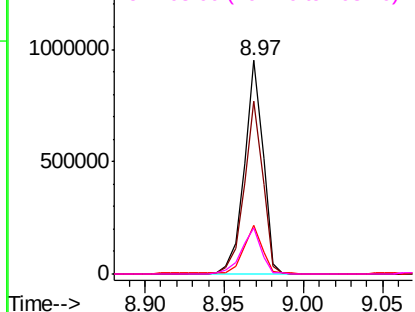


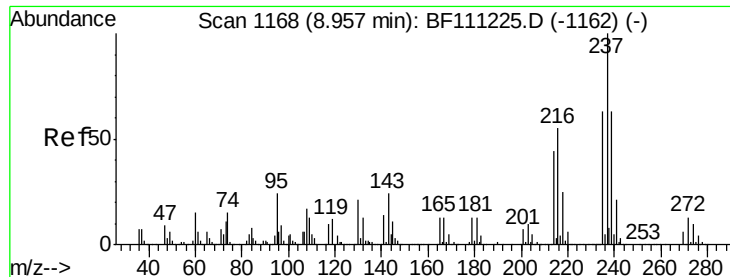
#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.470 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion:216 Resp: 769607
Ion Ratio Lower Upper
216 100
214 80.5 63.8 95.8
179 23.7 17.9 26.9
108 22.8 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

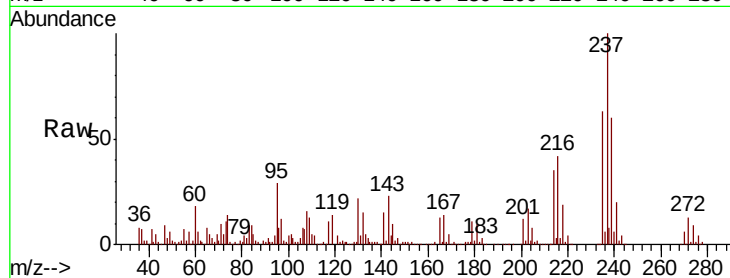




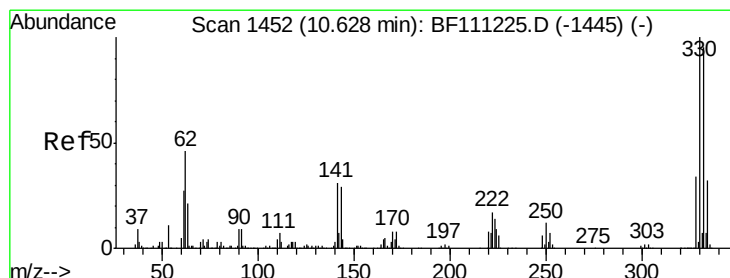
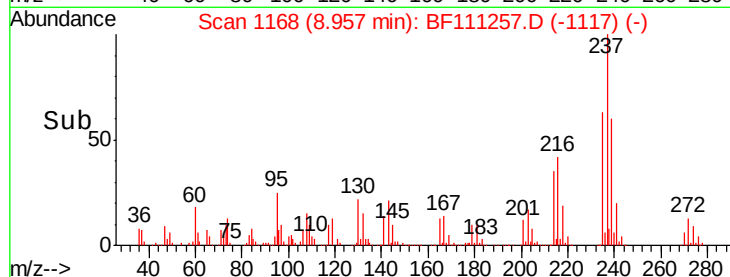
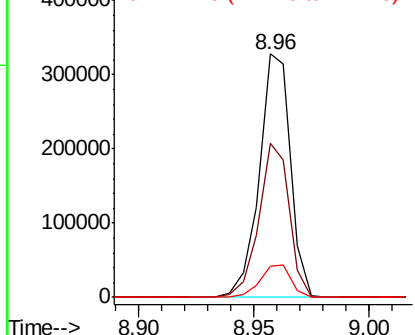
#41
Hexachlorocyclopentadiene
Concen: 33.506 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tgt Ion: 237 Resp: 309358
Ion Ratio Lower Upper
237 100
235 63.3 43.1 83.1
272 12.7 0.0 33.0

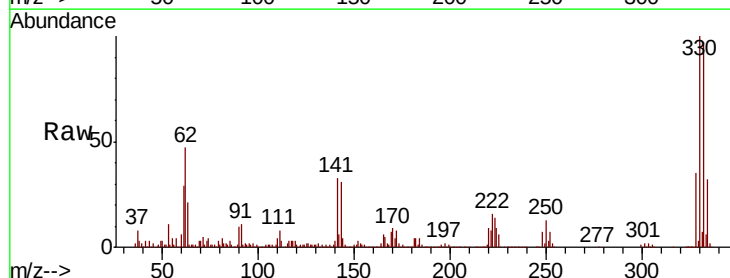


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

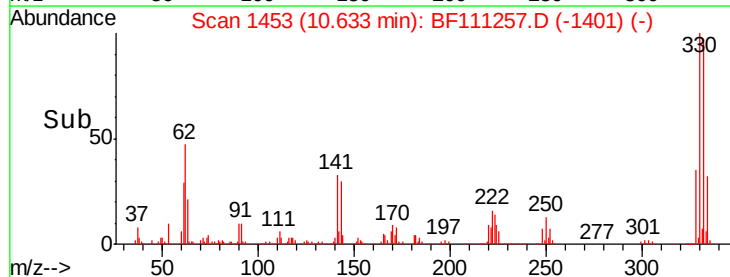
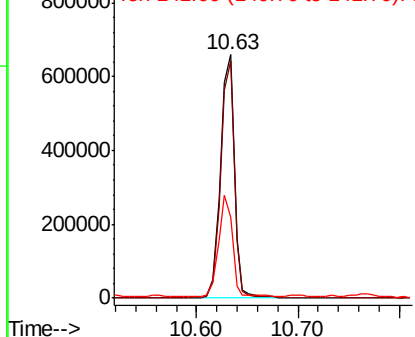


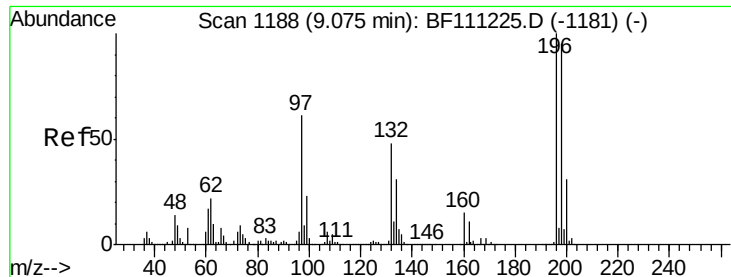
#42
2,4,6-Tribromophenol
Concen: 122.259 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion: 330 Resp: 631004
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 41.3 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

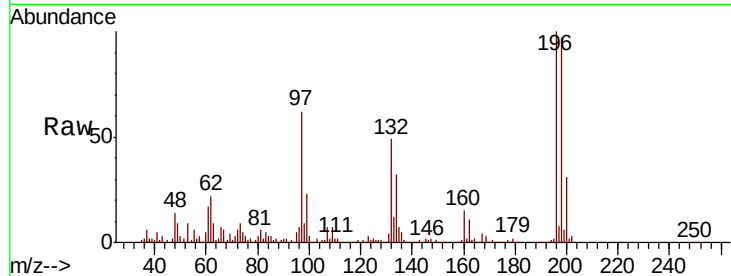




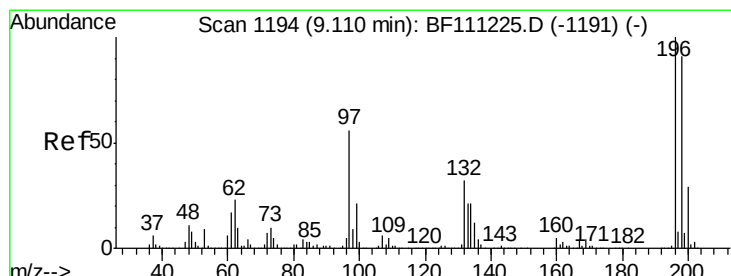
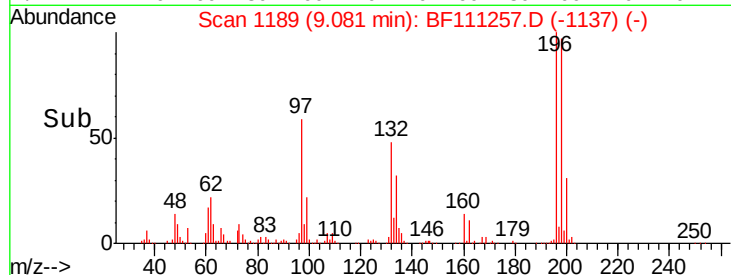
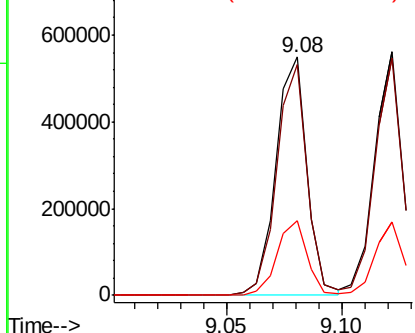
#43
 2,4,6-Trichlorophenol
 Concen: 41.892 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

Tgt Ion:196 Resp: 509805
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.3 114.5
 200 31.2 24.9 37.3

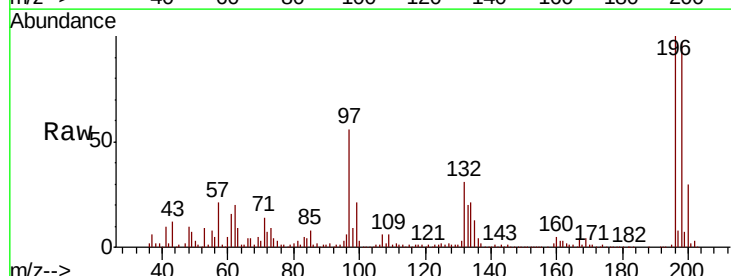


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

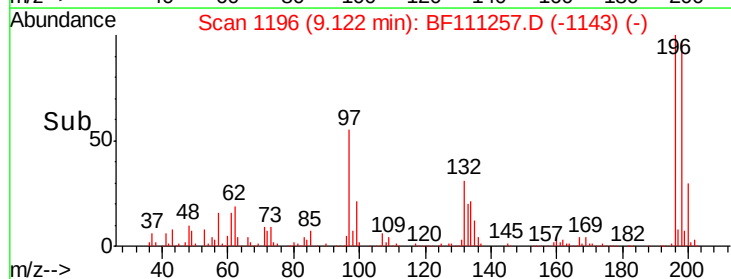
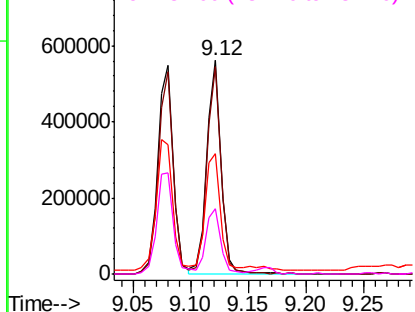


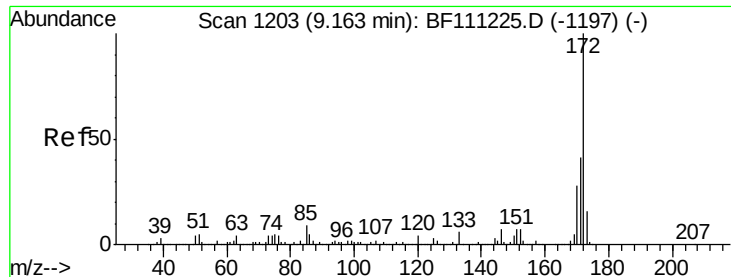
#44
 2,4,5-Trichlorophenol
 Concen: 38.264 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion:196 Resp: 485082
 Ion Ratio Lower Upper
 196 100
 198 97.2 72.9 109.3
 97 56.5 45.3 67.9
 132 30.9 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

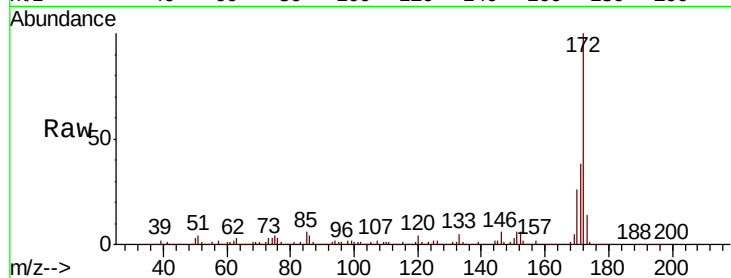




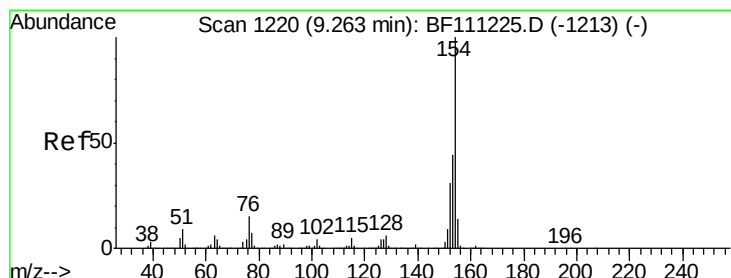
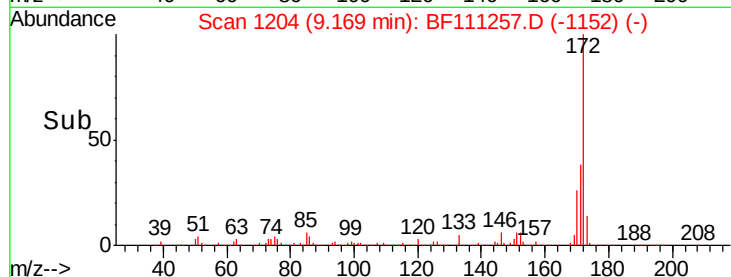
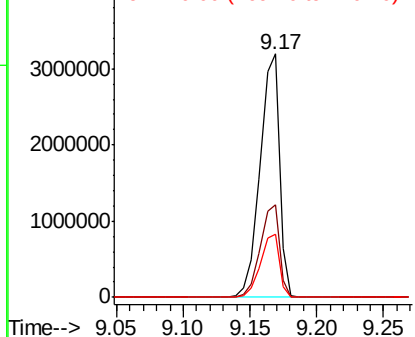
#45
2-Fluorobiphenyl
Concen: 100.836 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tgt Ion:172 Resp: 3194105
Ion Ratio Lower Upper
172 100
171 38.0 33.0 49.4
170 25.9 22.3 33.5

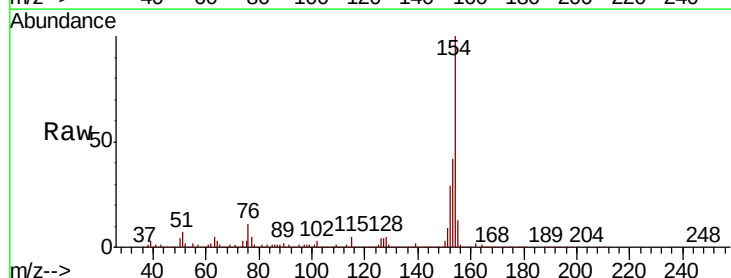


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

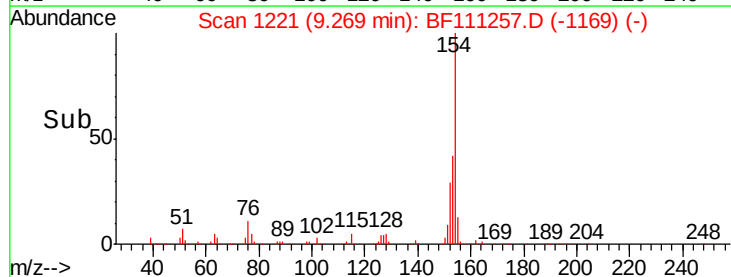
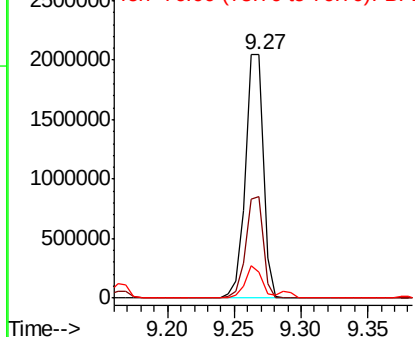


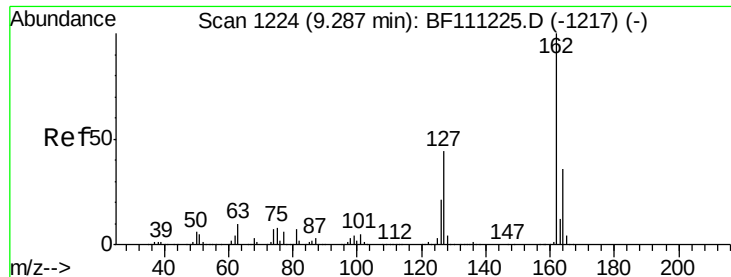
#46
1,1'-Biphenyl
Concen: 40.215 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion:154 Resp: 1901671
Ion Ratio Lower Upper
154 100
153 41.6 23.7 63.7
76 10.9 0.0 35.0



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

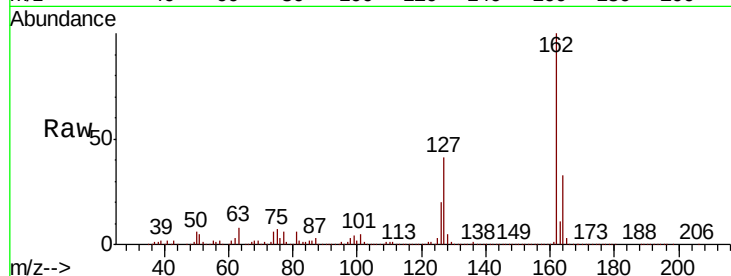




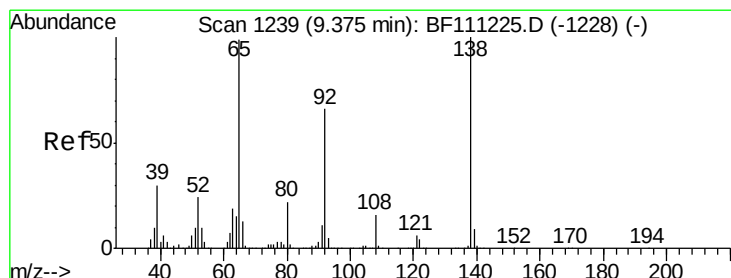
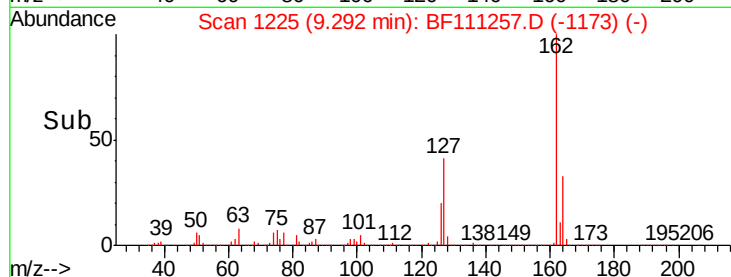
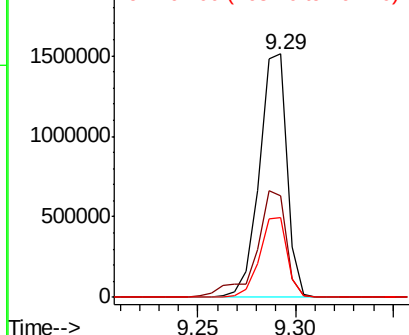
#47
 2-Chloronaphthalene
 Concen: 38.903 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

Tgt Ion: 162 Resp: 1483137
 Ion Ratio Lower Upper
 162 100
 127 41.5 35.0 52.4
 164 32.6 28.4 42.6

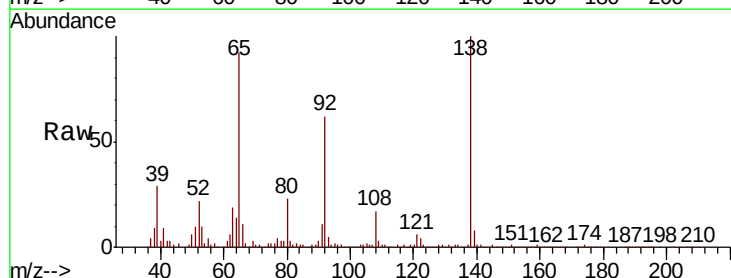


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

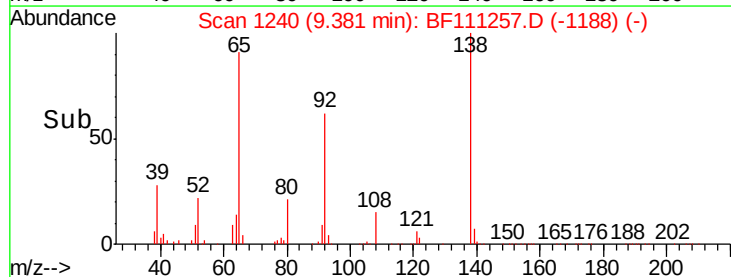
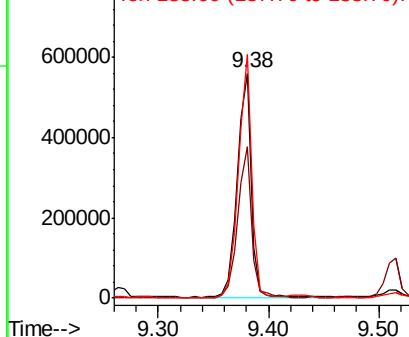


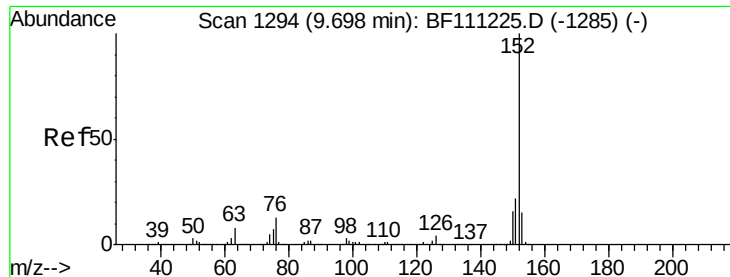
#48
 2-Nitroaniline
 Concen: 38.696 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion: 65 Resp: 503249
 Ion Ratio Lower Upper
 65 100
 92 67.1 53.5 80.3
 138 108.3 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: 39.795 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

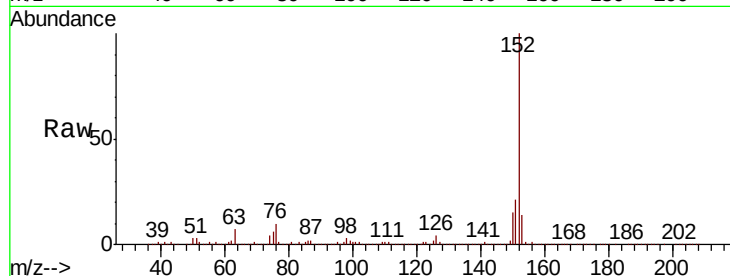
Tgt Ion:152 Resp: 2202491

Ion Ratio Lower Upper

152 100

151 21.3 18.0 27.0

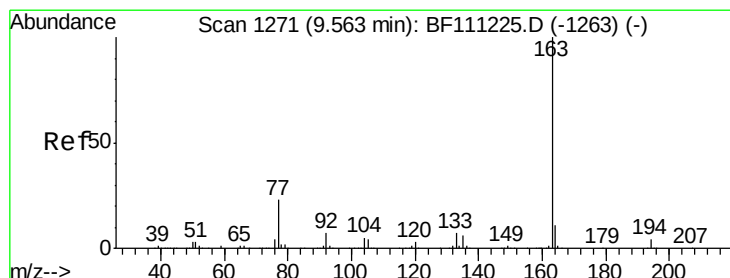
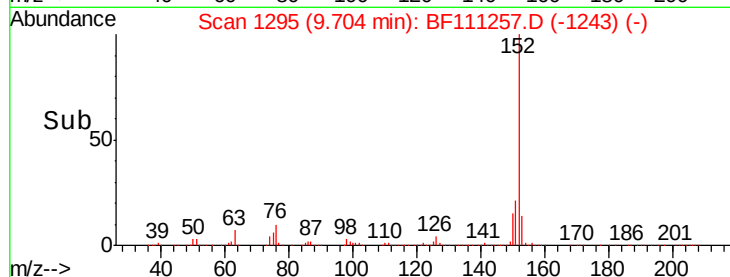
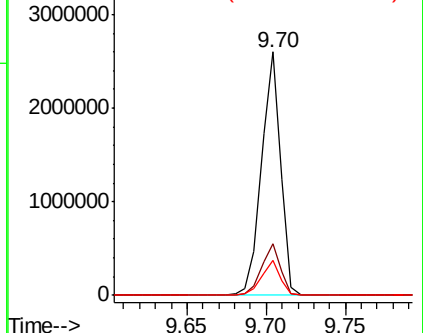
153 14.2 12.3 18.5



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: 44.650 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

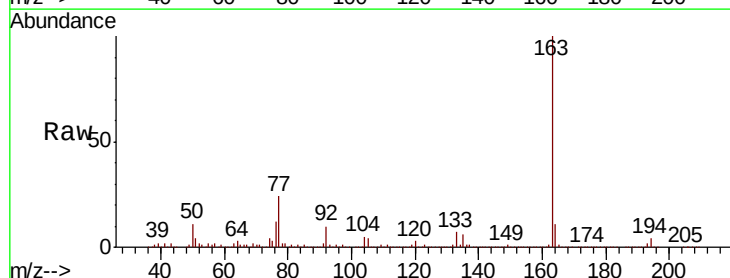
Tgt Ion:163 Resp: 1919571

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

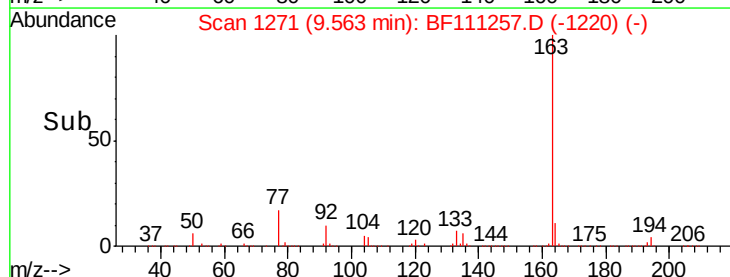
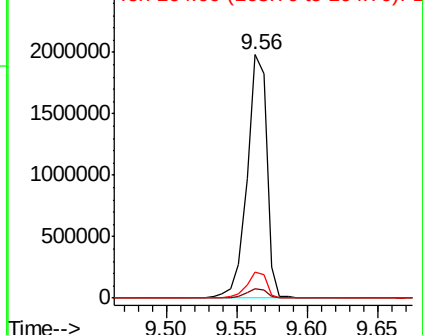
164 10.9 8.9 13.3

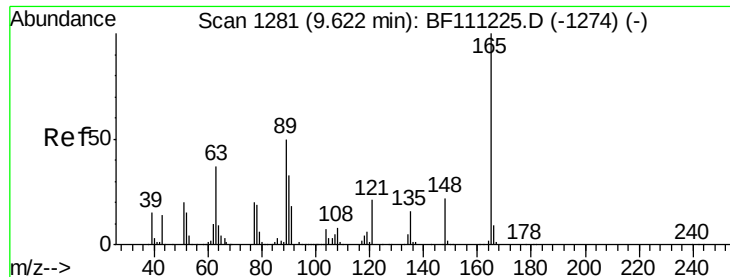


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.022 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

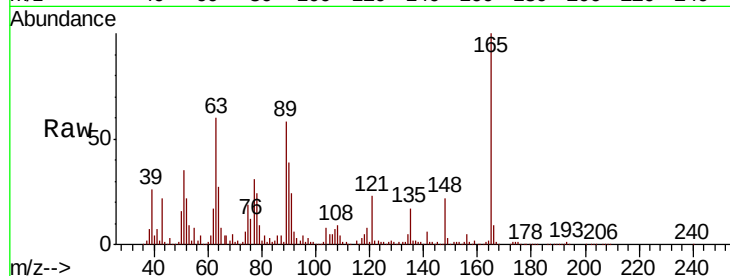
Tgt Ion:165 Resp: 370482

Ion Ratio Lower Upper

165 100

63 60.3 40.5 60.7

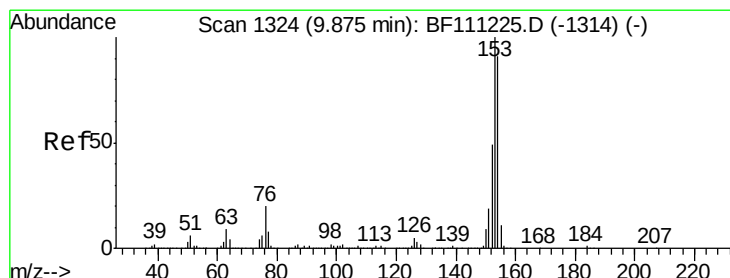
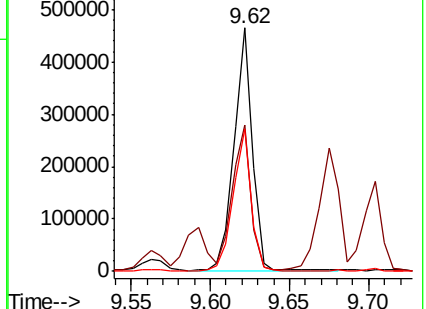
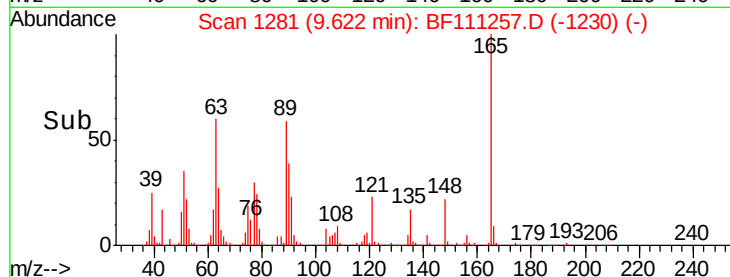
89 58.4 40.0 60.0



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: 43.288 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

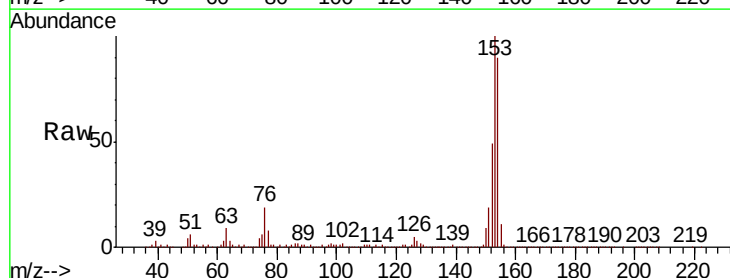
Tgt Ion:154 Resp: 1503475

Ion Ratio Lower Upper

154 100

153 111.2 87.8 131.8

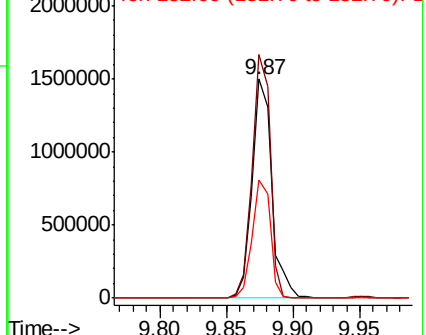
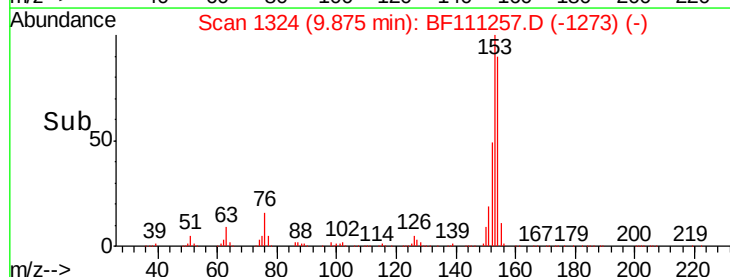
152 54.3 43.4 65.2

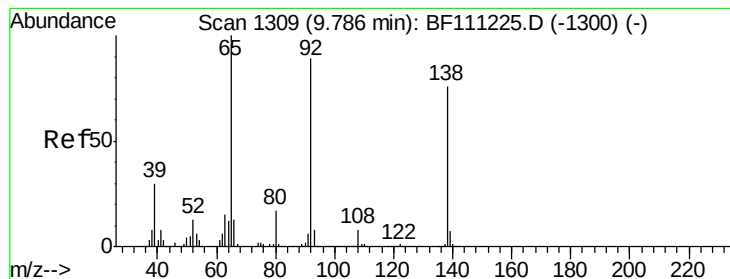


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 15.063 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

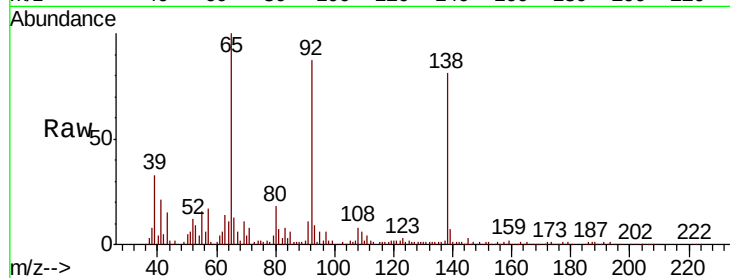
Tgt Ion:138 Resp: 176518

Ion Ratio Lower Upper

138 100

108 9.9 8.2 12.4

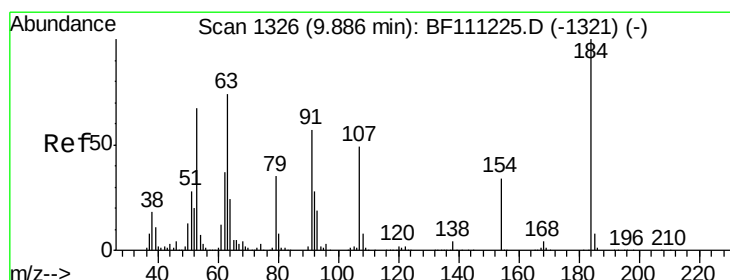
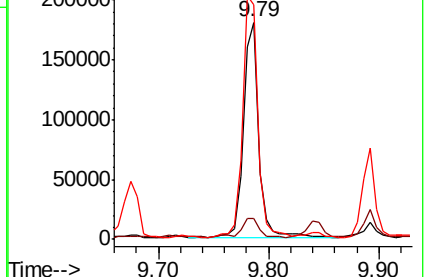
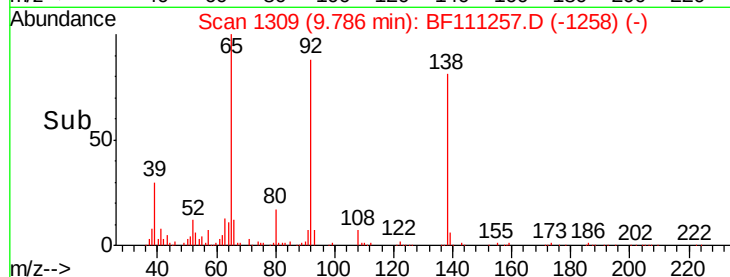
92 108.0 93.4 140.2



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: 52.818 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

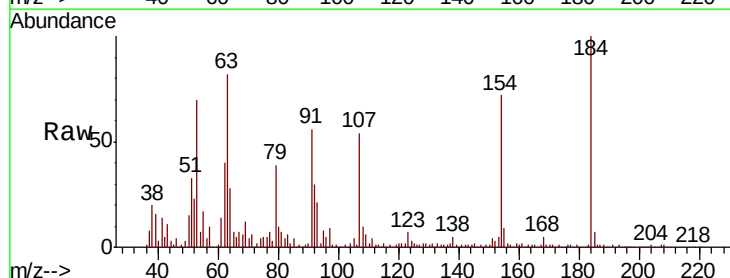
Tgt Ion:184 Resp: 198163

Ion Ratio Lower Upper

184 100

63 81.5 62.3 93.5

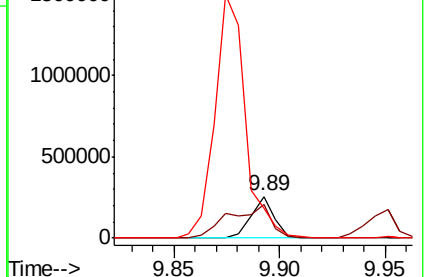
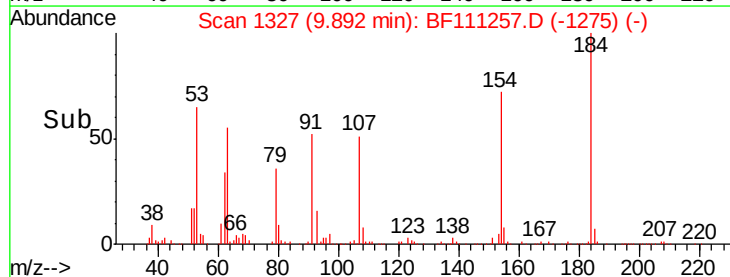
154 72.3 56.2 84.2

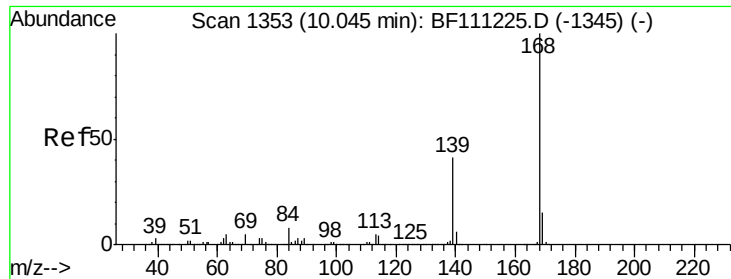


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.318 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

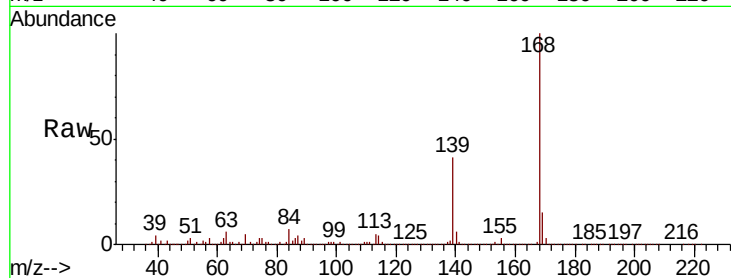
Tgt Ion:168 Resp: 1952331

Ion Ratio Lower Upper

168 100

139 41.3 32.6 49.0

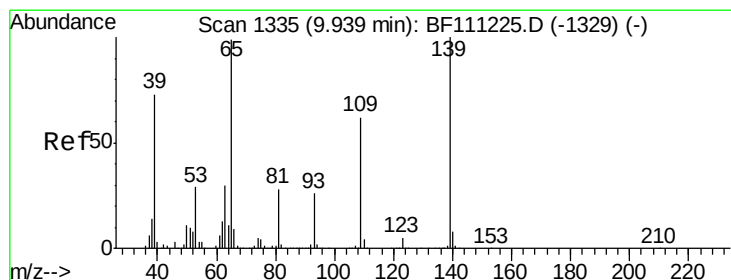
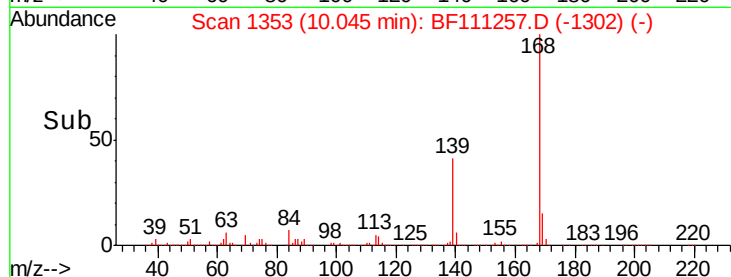
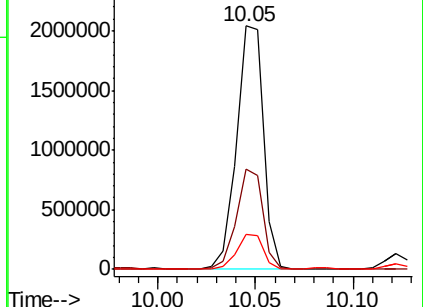
169 14.6 11.8 17.6



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: 60.079 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

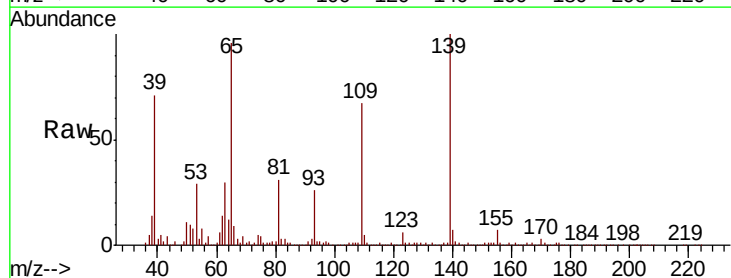
Tgt Ion:139 Resp: 548334

Ion Ratio Lower Upper

139 100

109 67.3 41.8 81.8

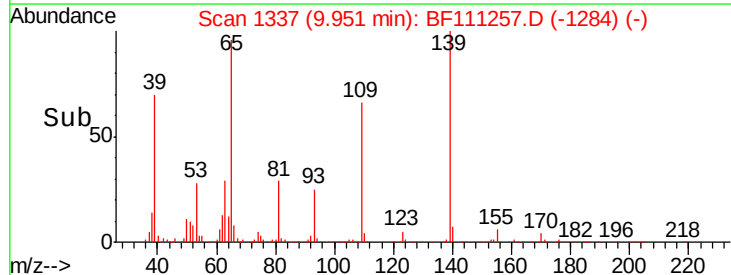
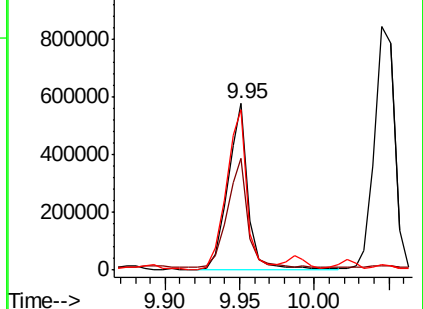
65 95.9 79.6 119.6

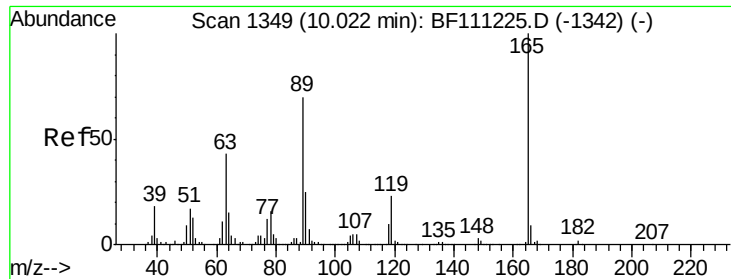


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

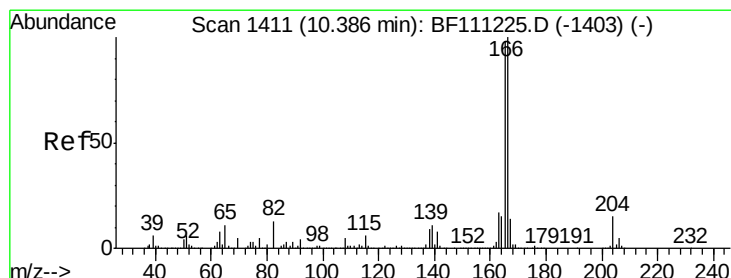
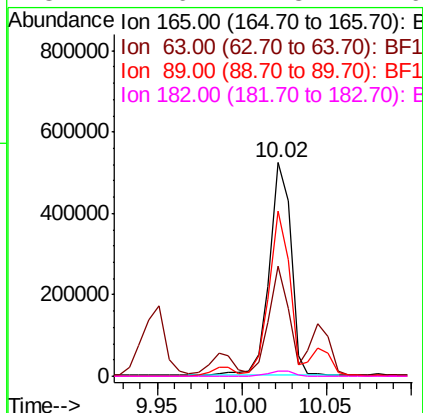
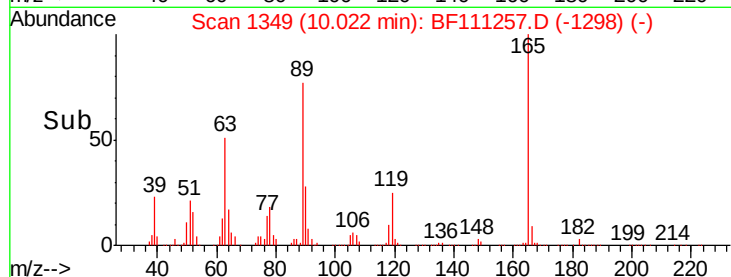
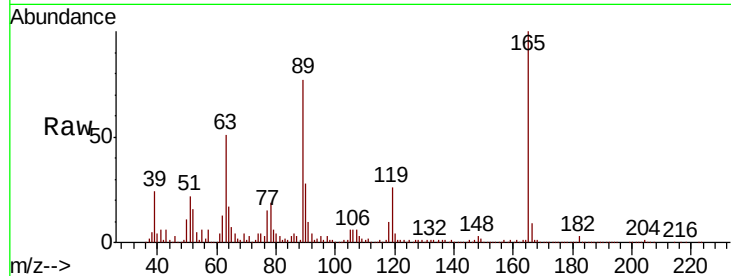




#57
2,4-Dinitrotoluene
Concen: 39.377 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

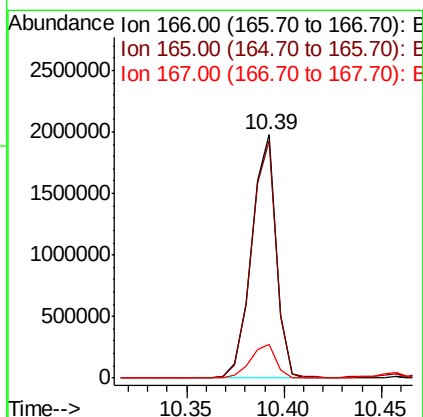
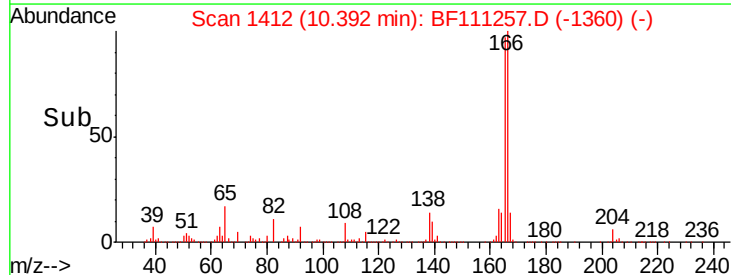
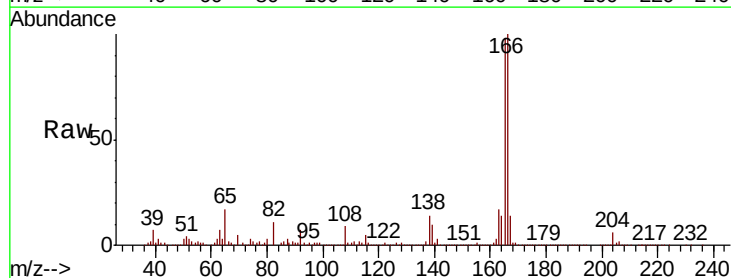
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

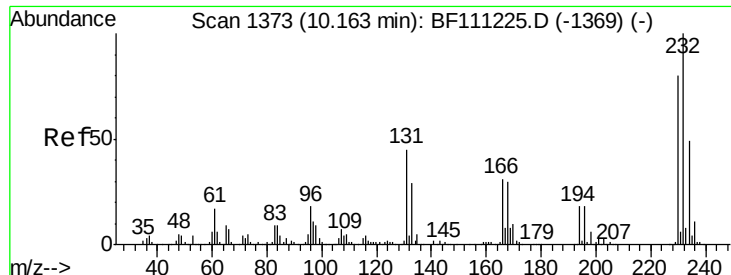
Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.3	34.6	52.0
89	77.0	56.2	84.4
182	2.6	1.8	2.6



#58
Fluorene
Concen: 46.945 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.4	117.6
167	13.6	11.2	16.8

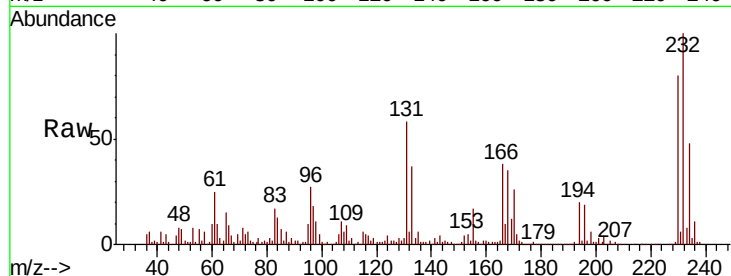




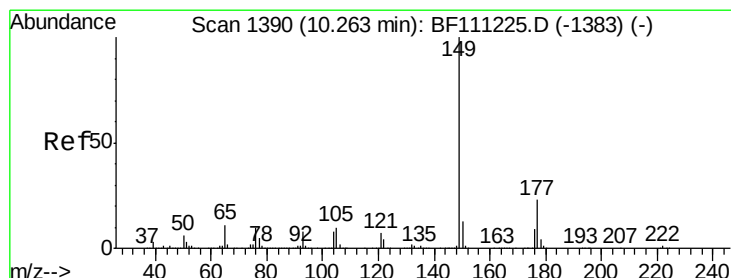
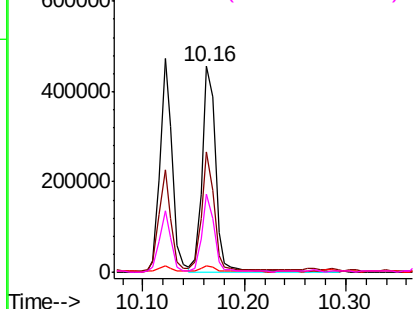
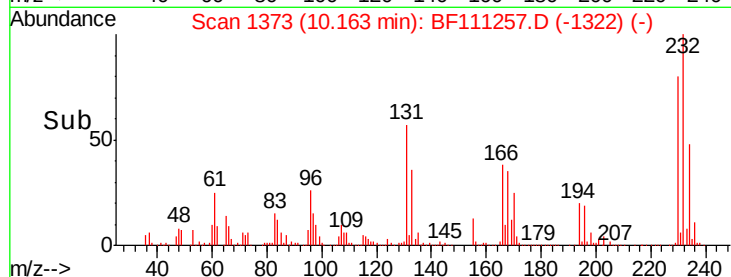
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.134 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

Tgt Ion: 232 Resp: 424101
 Ion Ratio Lower Upper
 232 100
 131 51.4 40.9 61.3
 130 3.1 2.0 3.0#
 166 33.4 26.8 40.2

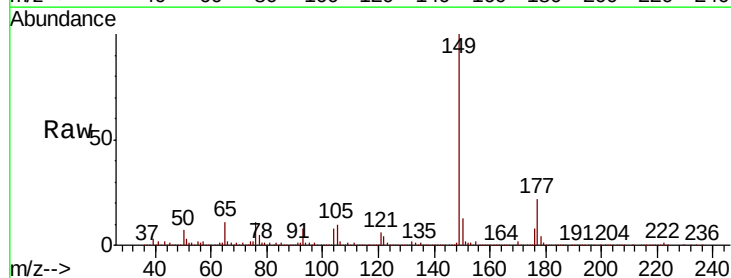


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

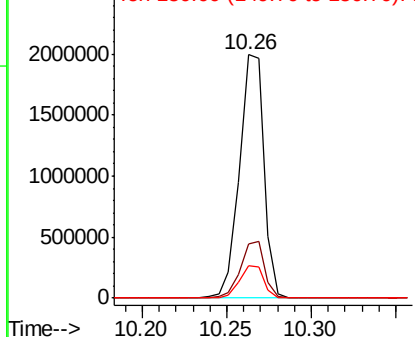
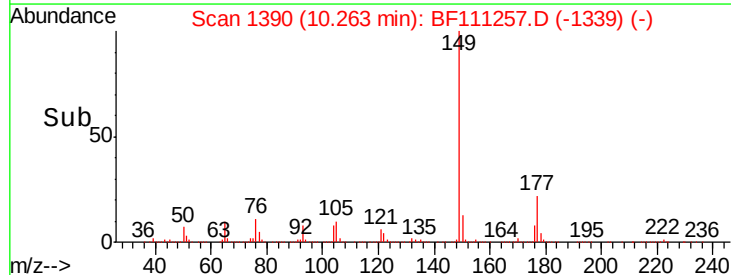


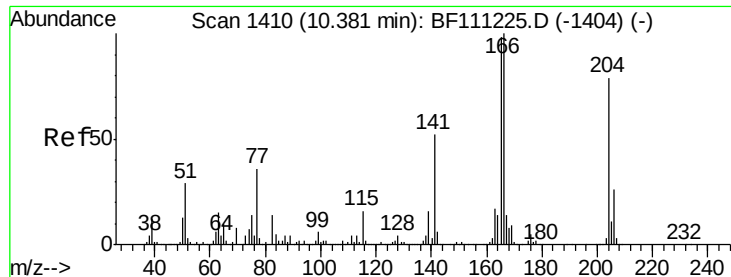
#60
 Diethylphthalate
 Concen: 49.109 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion: 149 Resp: 2012820
 Ion Ratio Lower Upper
 149 100
 177 22.2 18.3 27.5
 150 13.1 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

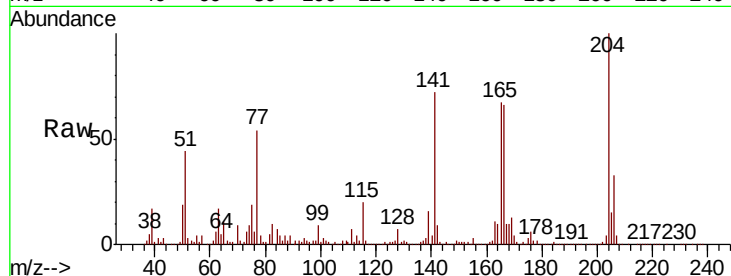




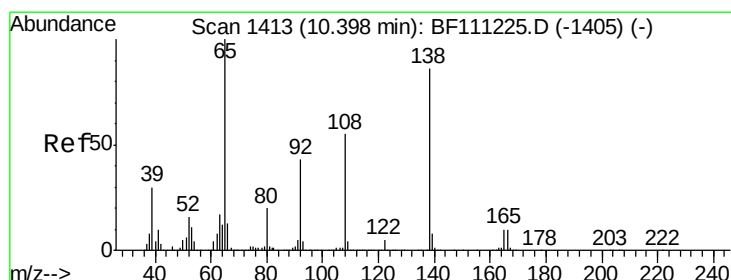
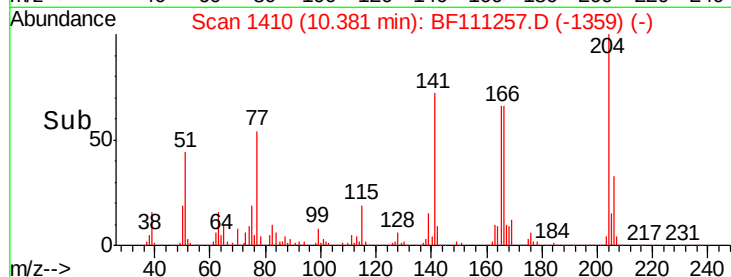
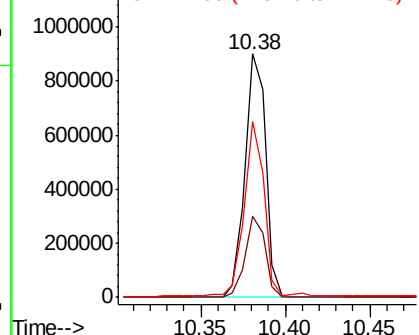
#61
4-Chlorophenyl-phenylether
Concen: 42.184 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tgt Ion: 204 Resp: 765848
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 72.1 52.6 78.8

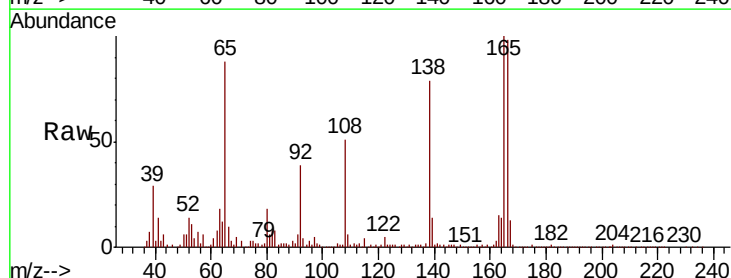


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

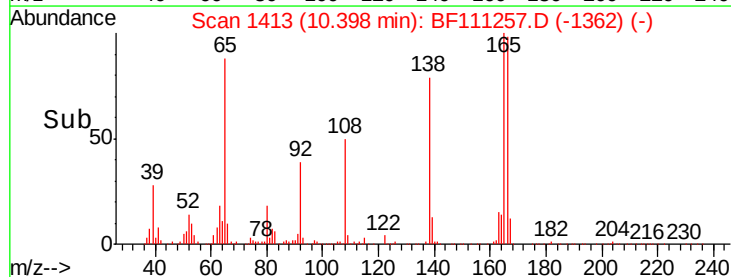
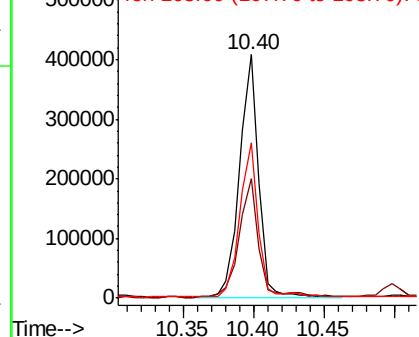


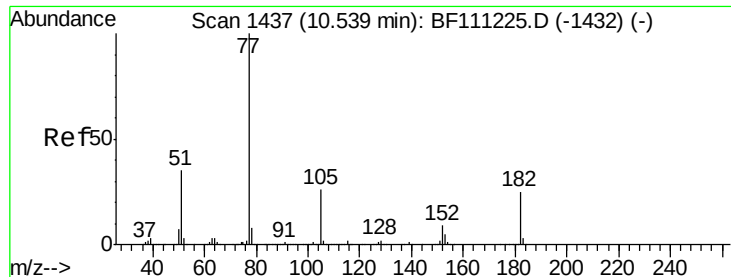
#62
4-Nitroaniline
Concen: 34.726 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion: 138 Resp: 385047
Ion Ratio Lower Upper
138 100
92 48.9 29.9 69.9
108 63.9 43.2 83.2



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





#63

Azobenzene

Concen: 42.017 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

Tgt Ion: 77 Resp: 1787967

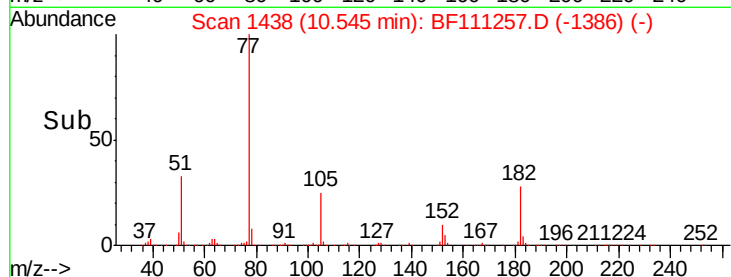
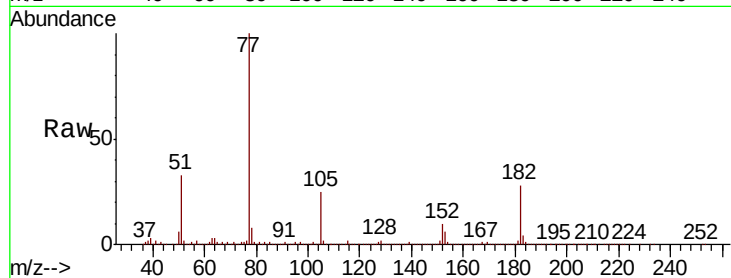
Ion Ratio Lower Upper

77 100

182 27.9 4.9 44.9

105 25.0 6.0 46.0

51 33.2 14.7 54.7

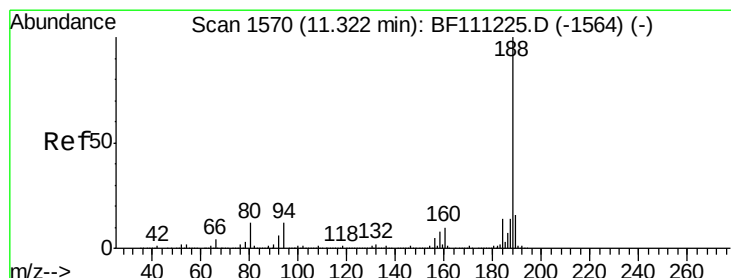
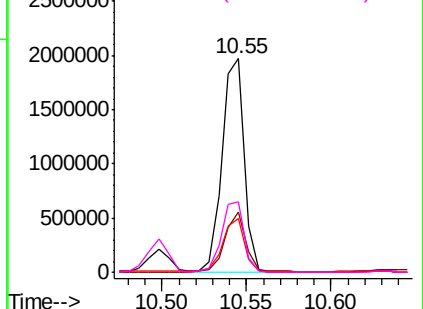


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1570

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

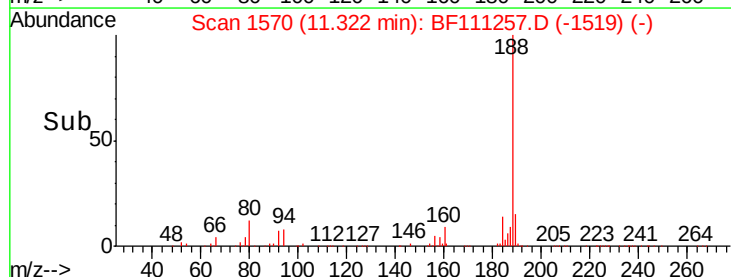
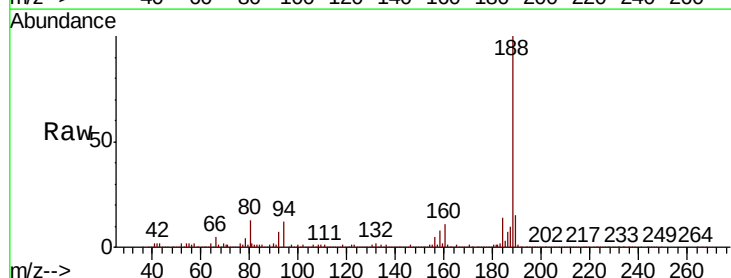
Tgt Ion: 188 Resp: 1123386

Ion Ratio Lower Upper

188 100

94 12.3 9.6 14.4

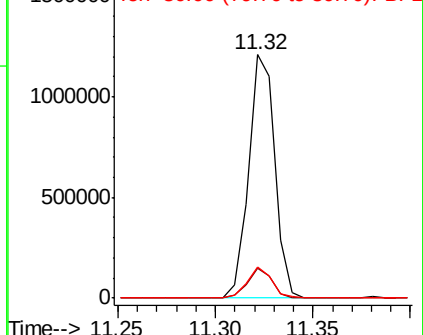
80 12.8 9.8 14.6

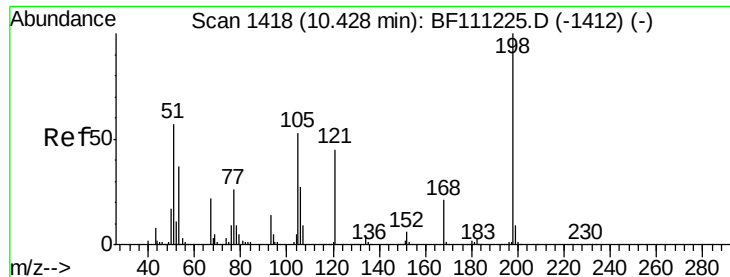


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

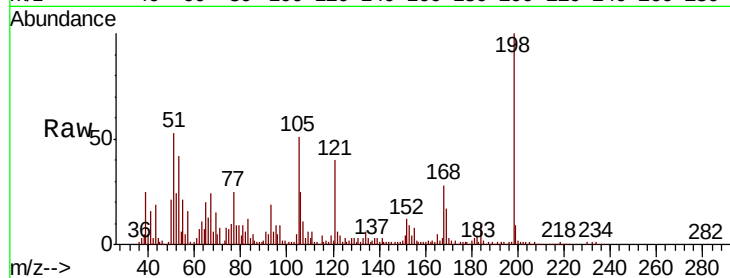




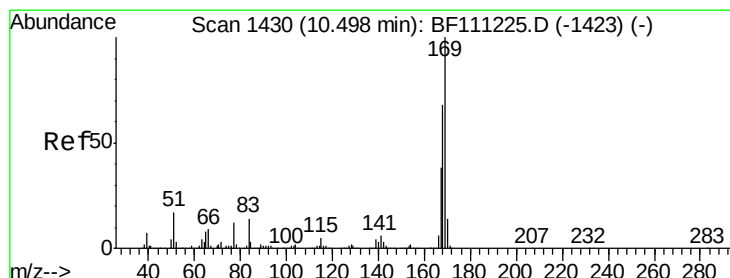
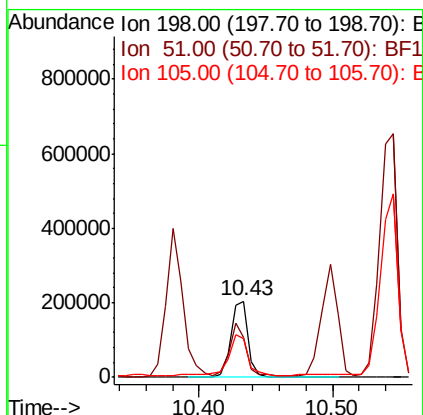
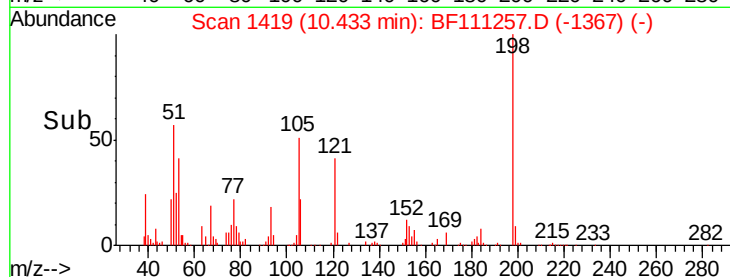
#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.748 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

Tgt Ion:198 Resp: 188500
 Ion Ratio Lower Upper
 198 100
 51 52.8 48.0 88.0
 105 50.6 34.0 74.0

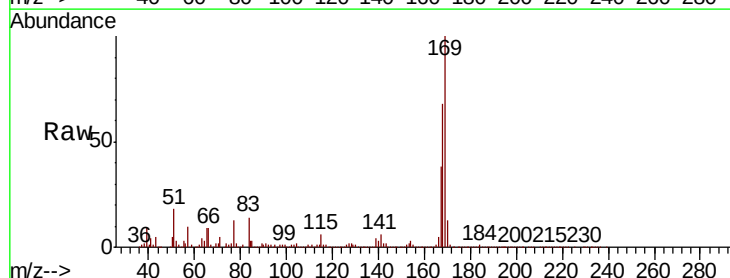


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

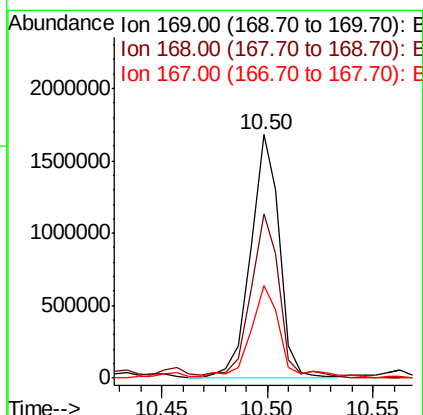
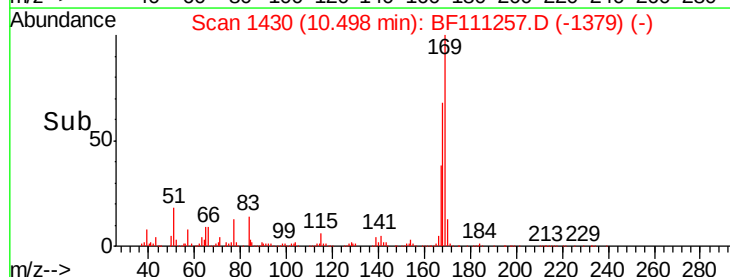


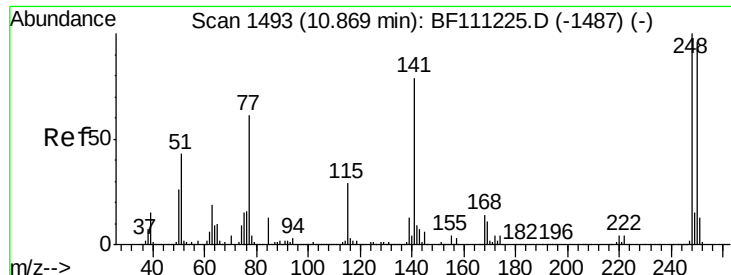
#66
 n-Nitrosodiphenylamine
 Concen: 41.396 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion:169 Resp: 1583022
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.4 81.6
 167 37.9 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

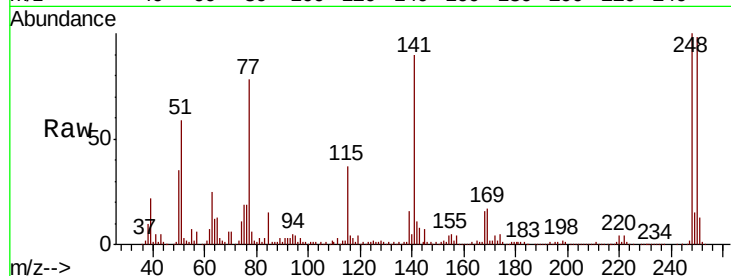




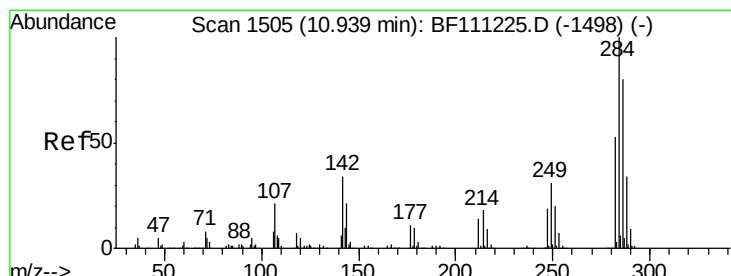
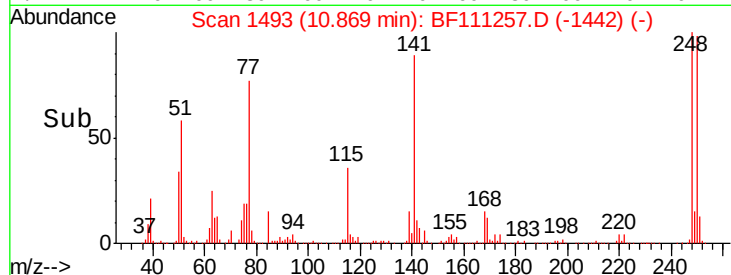
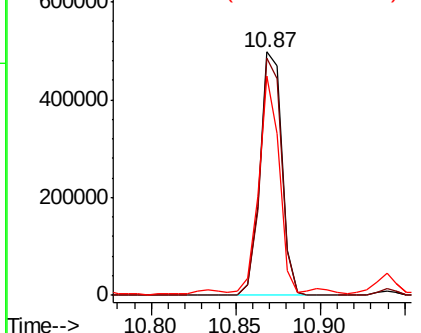
#67
 4-Bromophenyl-phenylether
 Concen: 36.589 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

Tgt Ion:	248	Resp:	450205
Ion Ratio	Lower	Upper	
248	100		
250	97.5	77.0	115.4
141	90.2	63.0	94.6

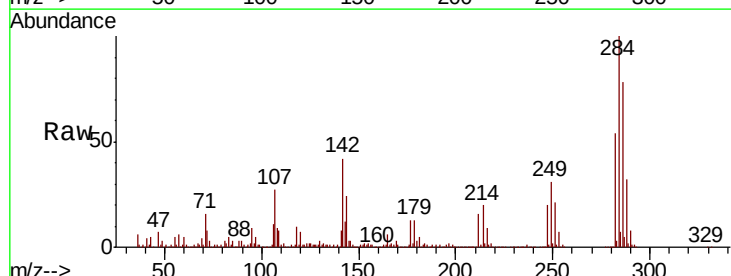


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

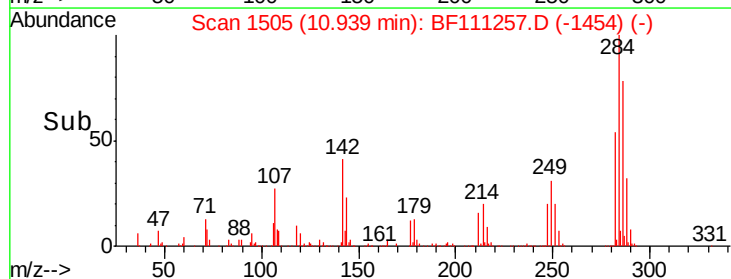
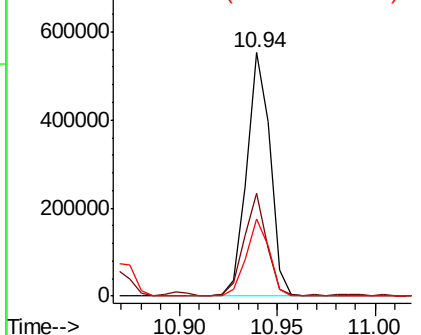


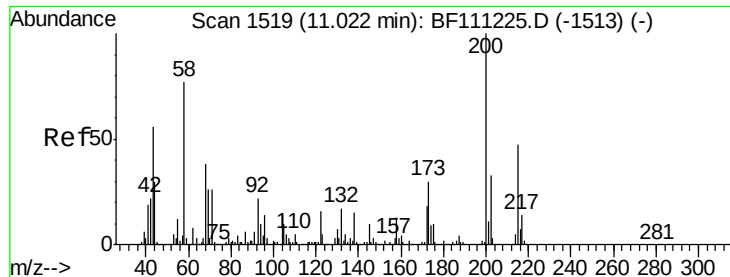
#68
 Hexachlorobenzene
 Concen: 36.782 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion:	284	Resp:	460394
Ion Ratio	Lower	Upper	
284	100		
142	42.1	27.4	41.2#
249	31.5	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: 40.965 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

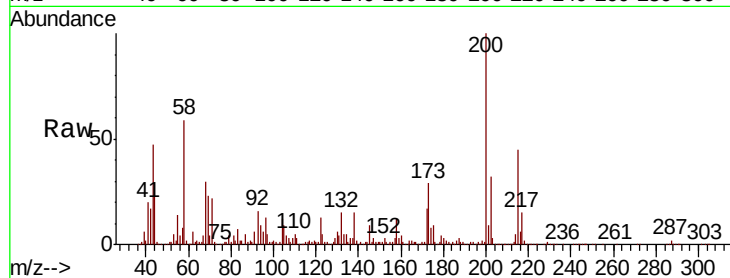
Tgt Ion:200 Resp: 476368

Ion Ratio Lower Upper

200 100

173 29.1 10.1 50.1

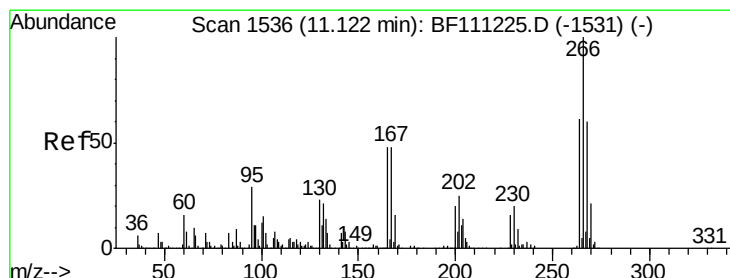
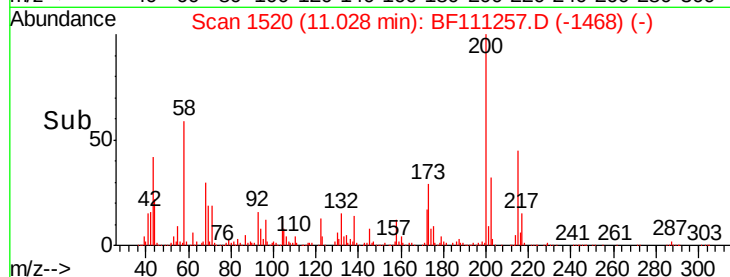
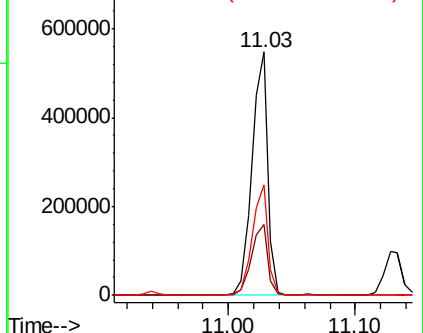
215 45.4 26.9 66.9



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: 57.391 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

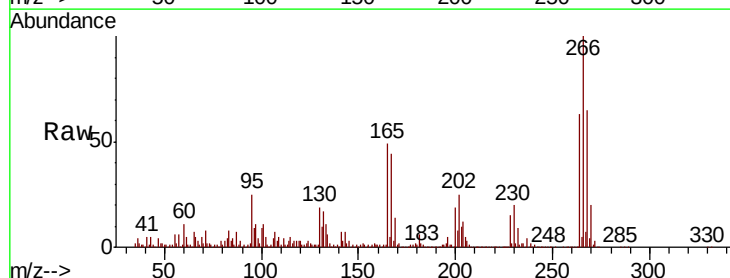
Tgt Ion:266 Resp: 521116

Ion Ratio Lower Upper

266 100

268 65.1 47.9 71.9

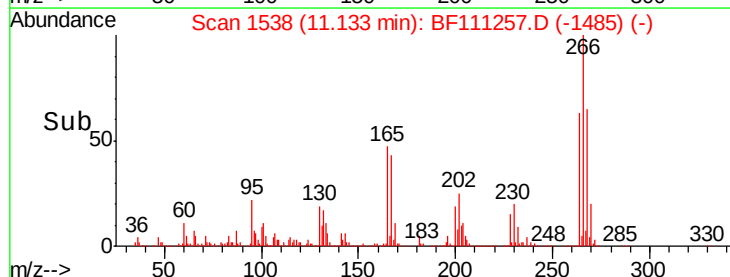
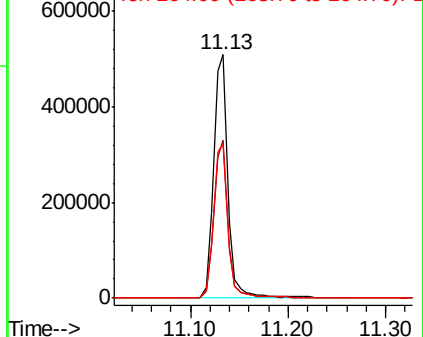
264 63.4 49.1 73.7

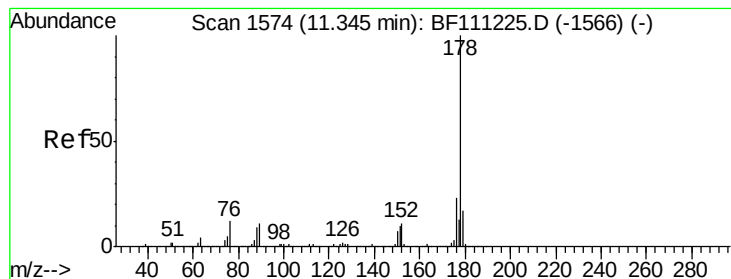


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.478 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

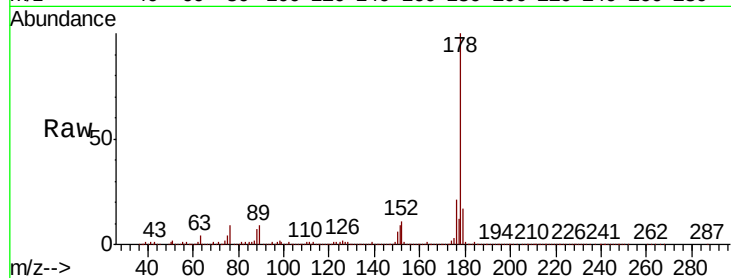
Tgt Ion:178 Resp: 2463567

Ion Ratio Lower Upper

178 100

176 20.9 18.1 27.1

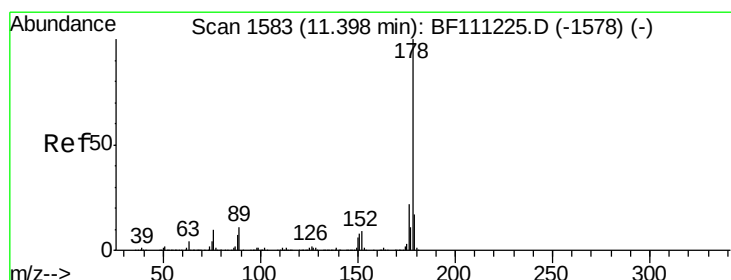
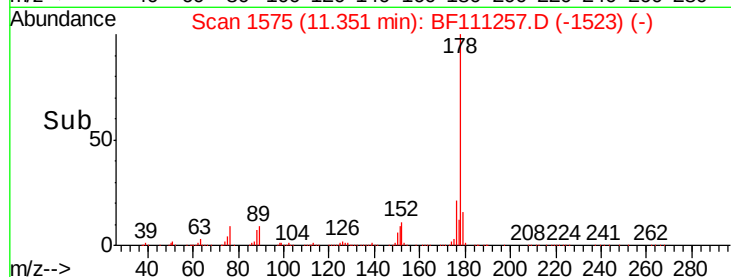
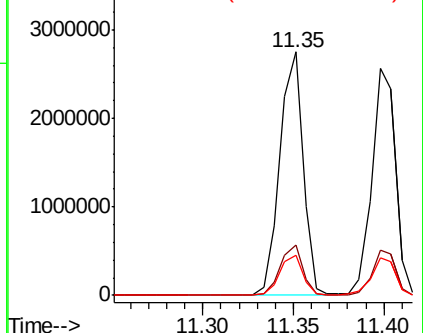
179 16.7 14.0 21.0



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: 39.219 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

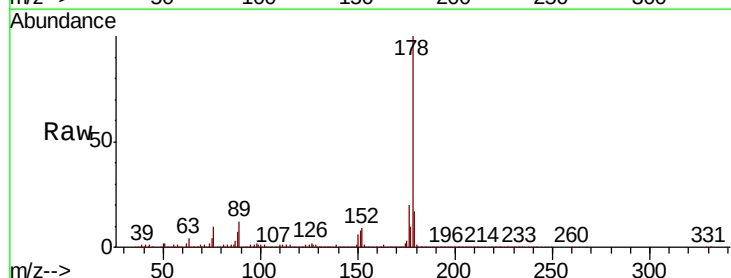
Tgt Ion:178 Resp: 2324896

Ion Ratio Lower Upper

178 100

176 20.0 17.2 25.8

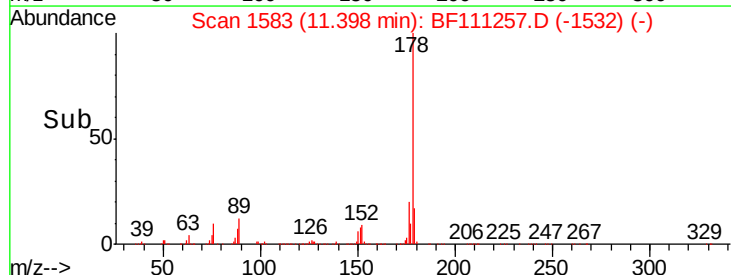
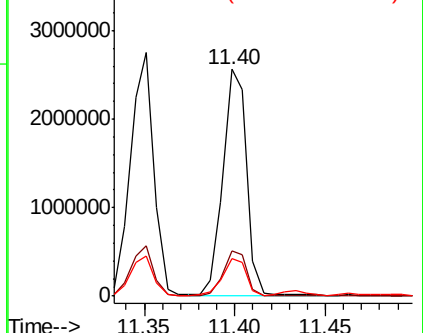
179 16.7 13.8 20.8

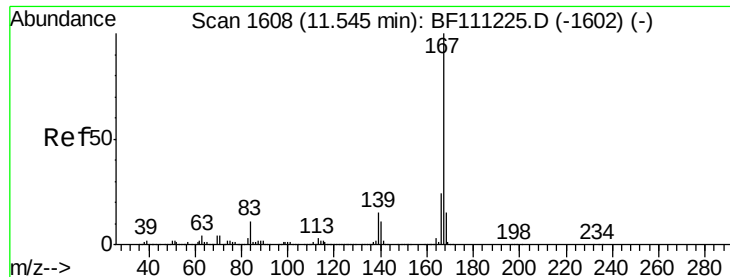


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

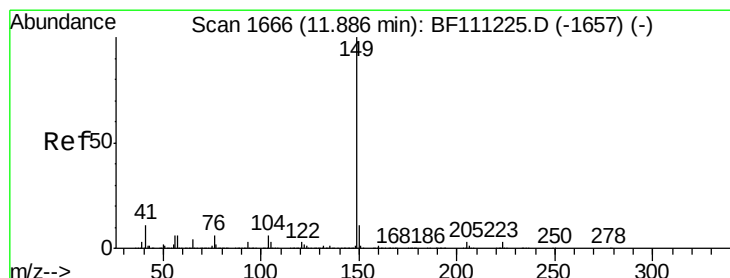
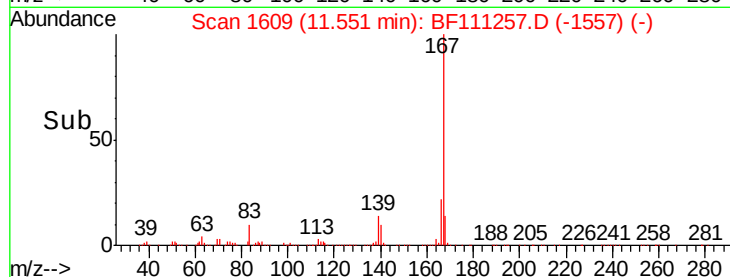
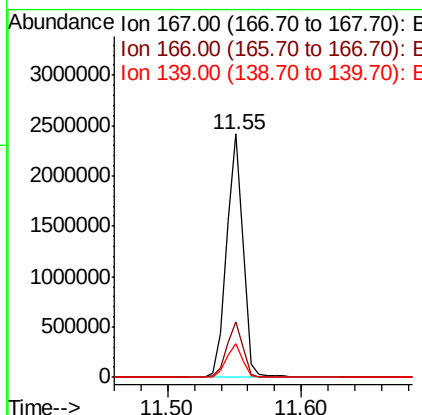
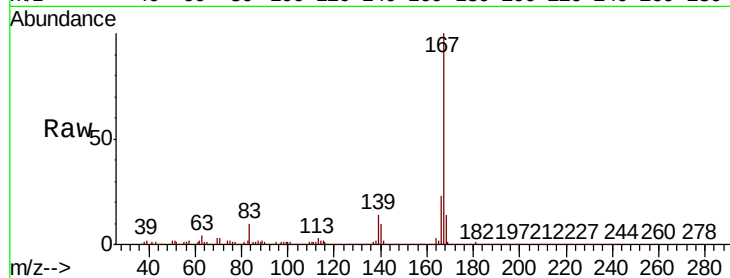




#73
 Carbazole
 Concen: 33.790 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

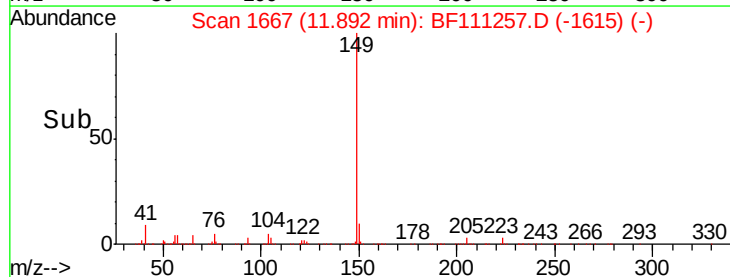
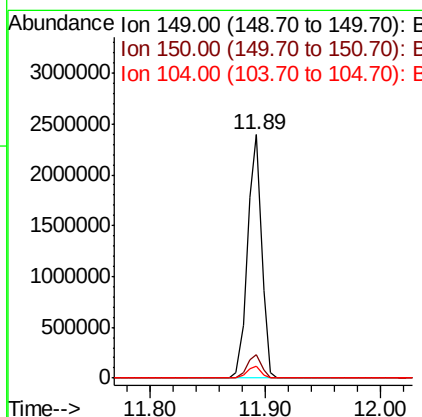
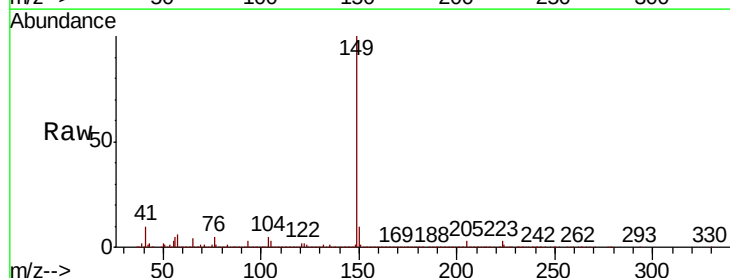
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

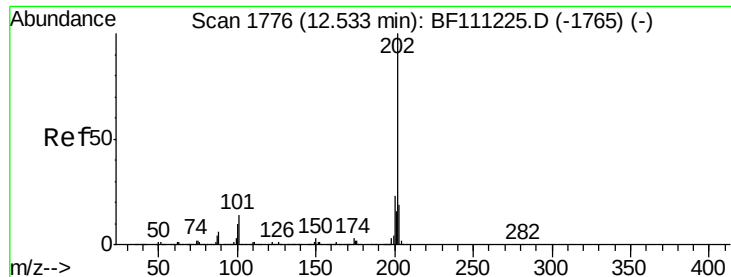
Tgt Ion:167 Resp: 2094542
 Ion Ratio Lower Upper
 167 100
 166 22.6 19.3 28.9
 139 14.1 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 31.472 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion:149 Resp: 2005145
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.8 13.2
 104 5.0 4.5 6.7





#75

Fluoranthene

Concen: 31.501 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

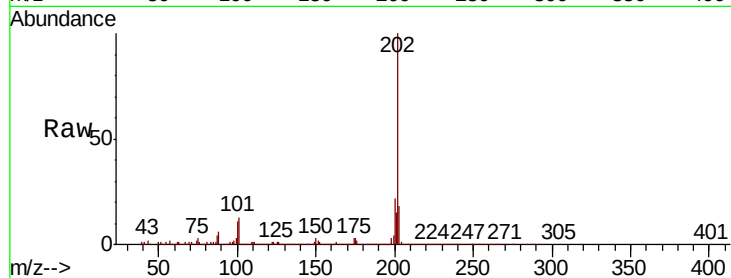
Tgt Ion:202 Resp: 1630513

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.8

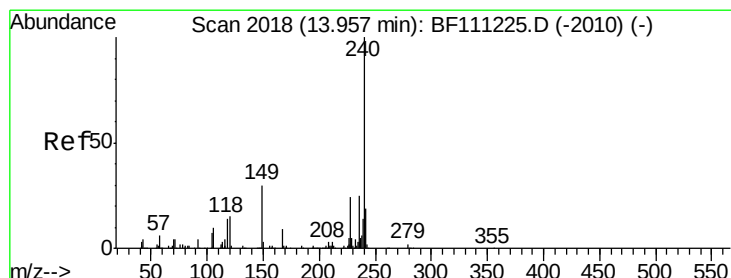
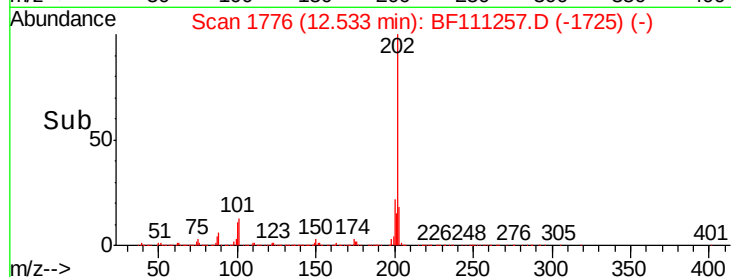
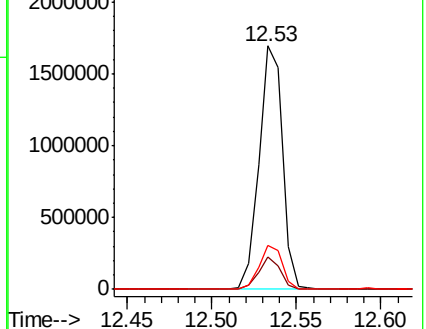
203 18.1 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

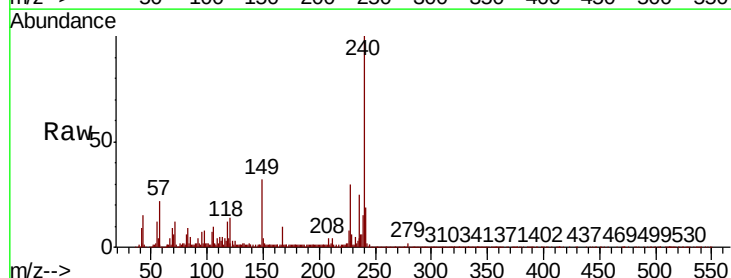
Tgt Ion:240 Resp: 641374

Ion Ratio Lower Upper

240 100

120 14.1 12.2 18.2

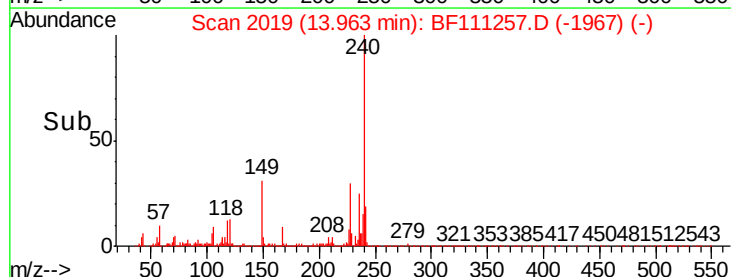
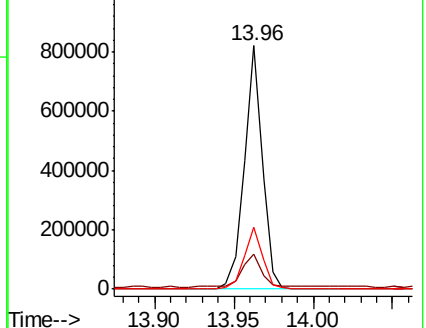
236 25.5 20.2 30.2

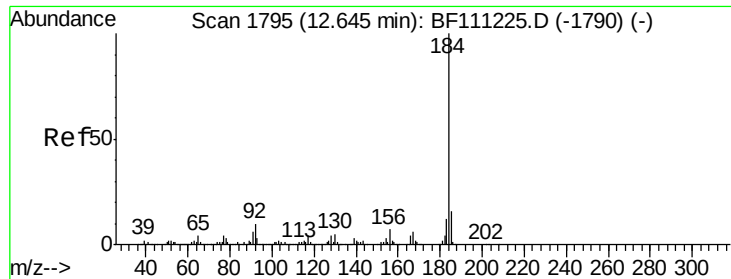


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

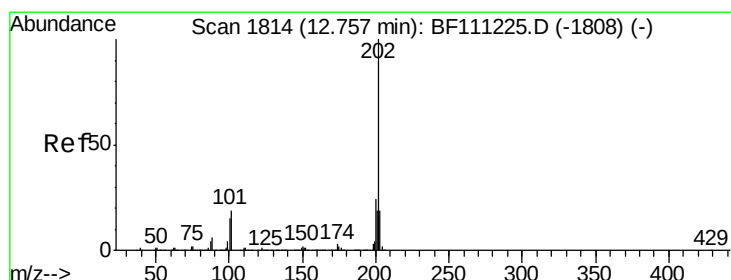
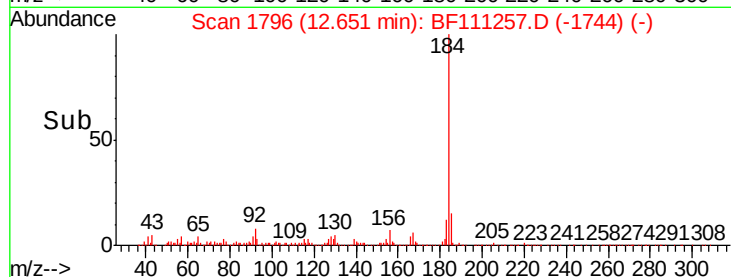
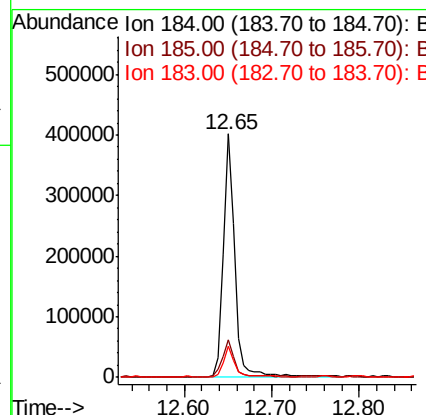
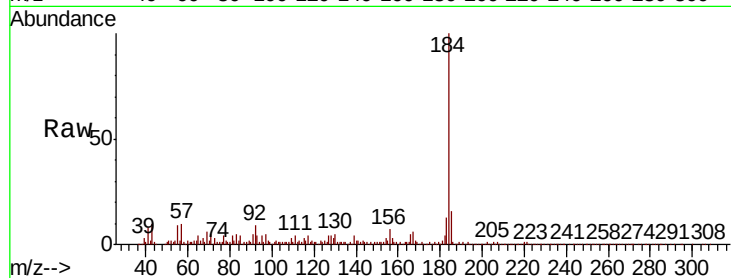




#77
Benzidine
Concen: 19.266 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

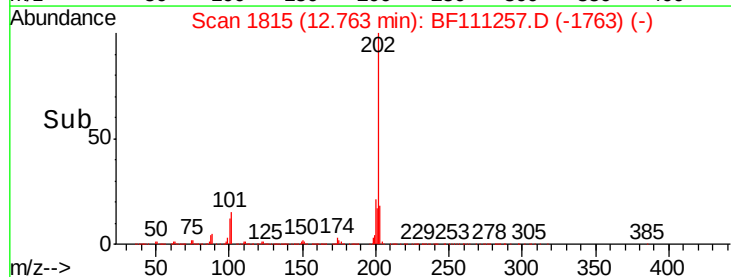
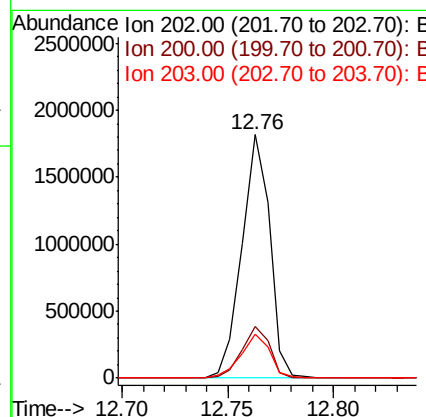
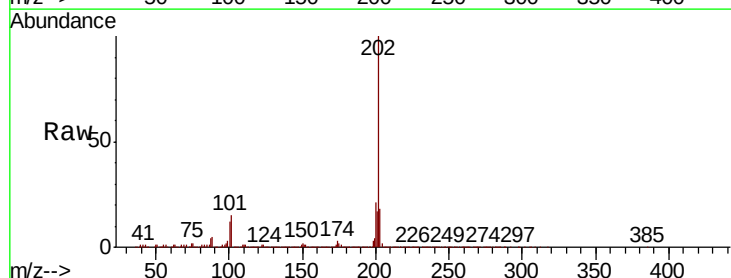
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

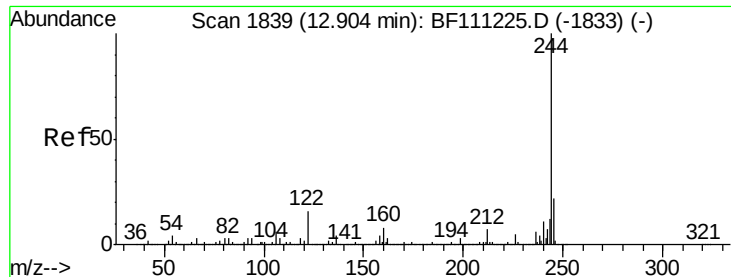
Tgt Ion:184 Resp: 366898
Ion Ratio Lower Upper
184 100
185 15.5 13.0 19.6
183 12.7 9.3 13.9



#78
Pyrene
Concen: 36.235 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion:202 Resp: 1660773
Ion Ratio Lower Upper
202 100
200 21.3 19.0 28.4
203 18.2 15.2 22.8

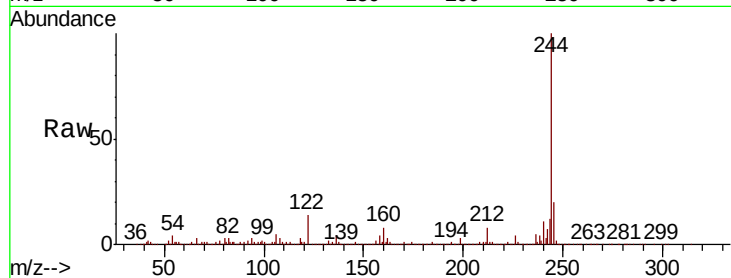




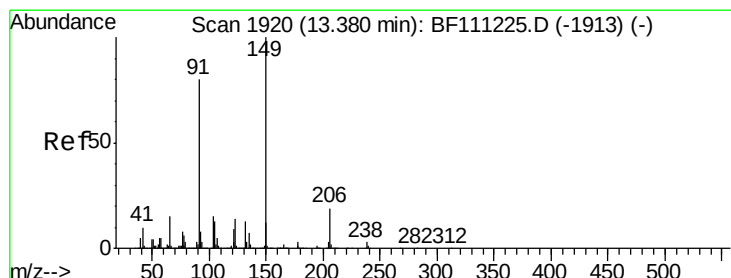
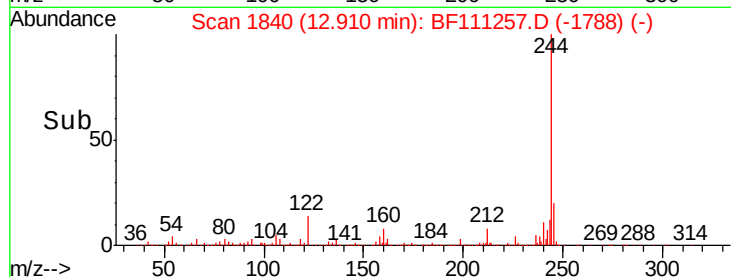
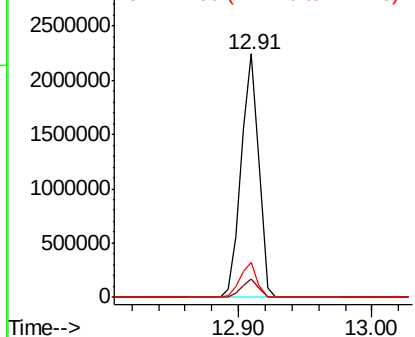
#79
 Terphenyl-d14
 Concen: 77.022 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

Tgt Ion:244 Resp: 2059510
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 14.2 13.1 19.7

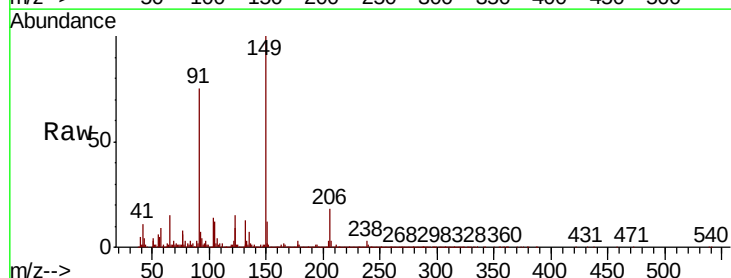


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

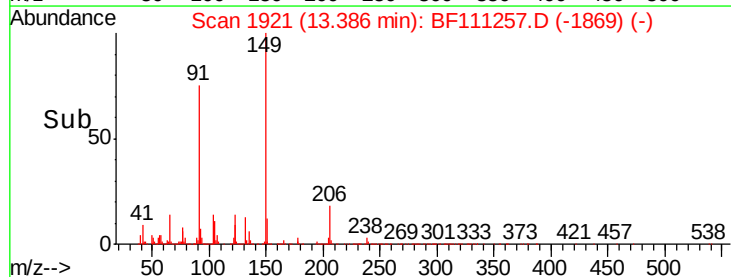
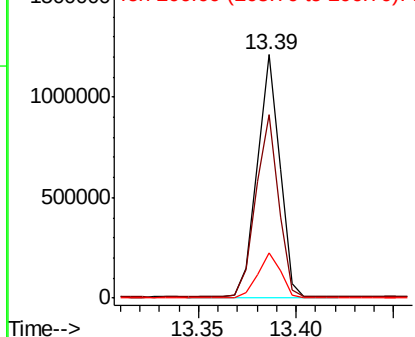


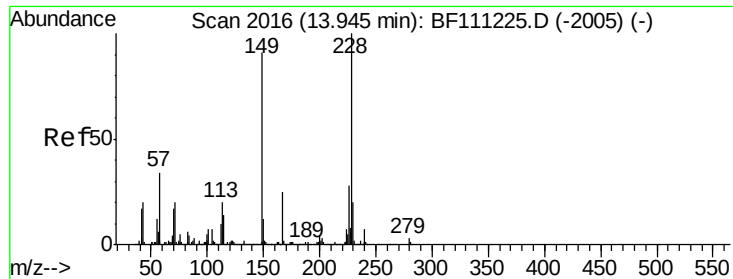
#80
 Butylbenzylphthalate
 Concen: 40.489 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion:149 Resp: 969277
 Ion Ratio Lower Upper
 149 100
 91 75.2 63.8 95.6
 206 18.5 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

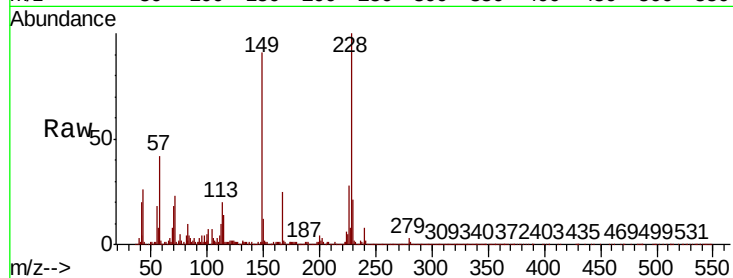




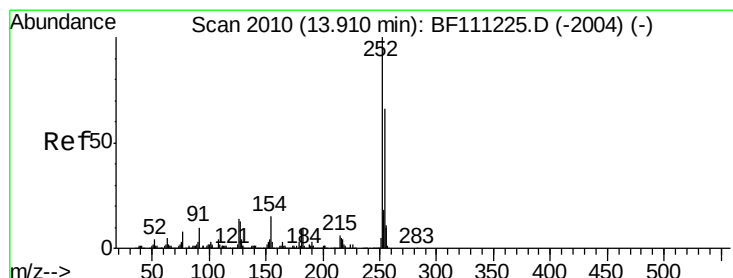
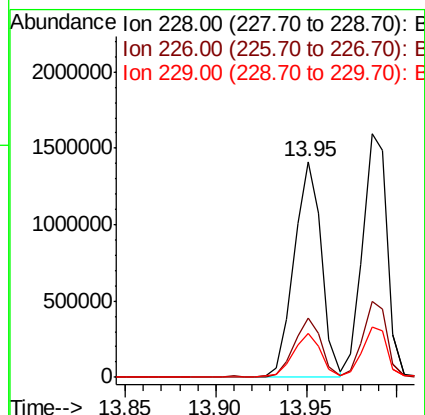
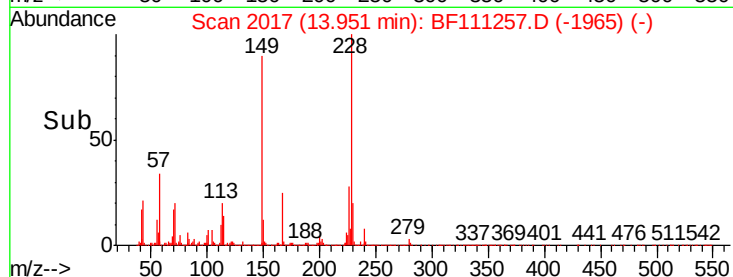
#81
Benzo(a)anthracene
Concen: 41.703 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tgt Ion:228 Resp: 1492225
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 20.6 16.3 24.5

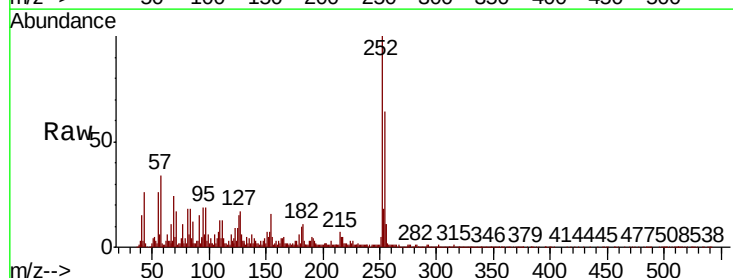


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

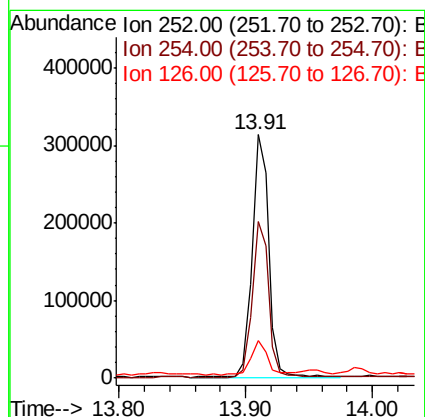
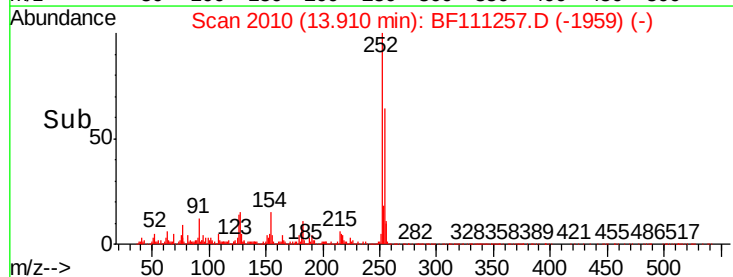


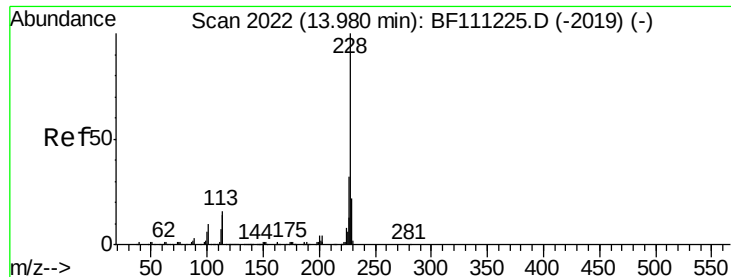
#82
3,3'-Dichlorobenzidine
Concen: 19.457 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion:252 Resp: 285359
Ion Ratio Lower Upper
252 100
254 64.2 52.7 79.1
126 15.2 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

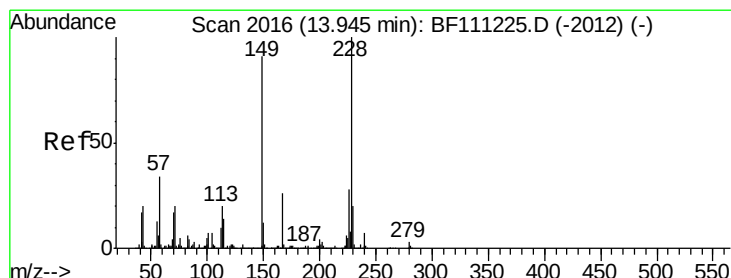
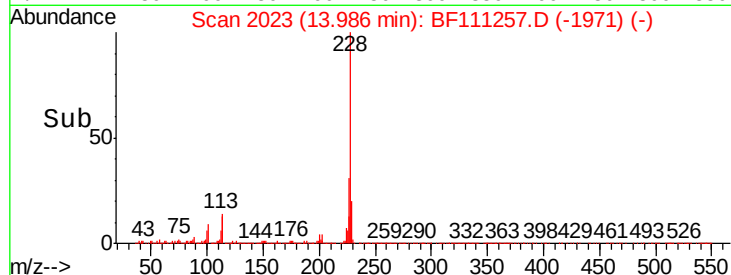
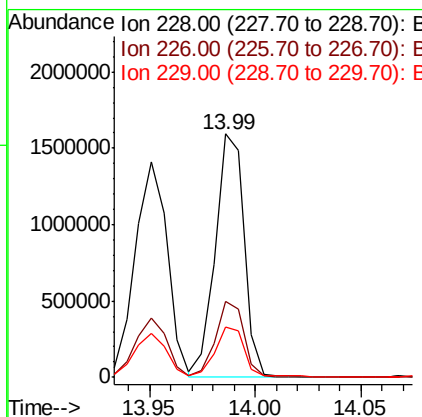
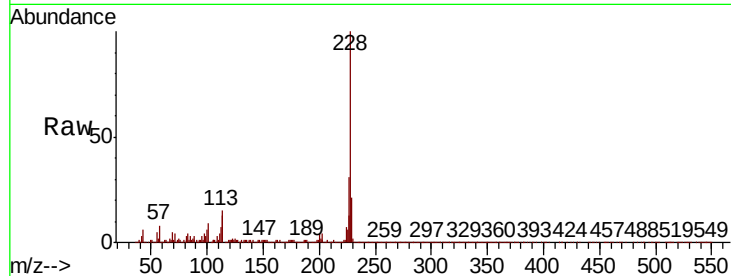




#83
Chrysene
 Concen: 40.826 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

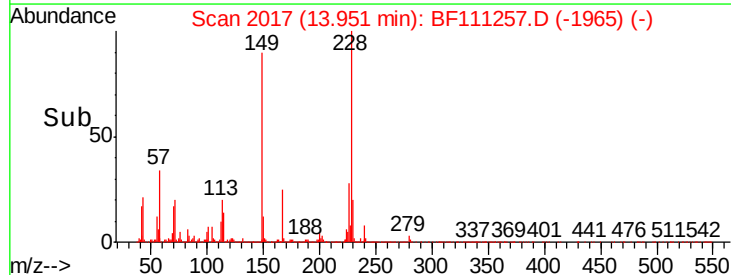
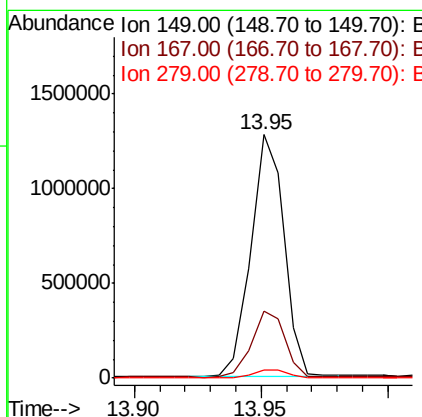
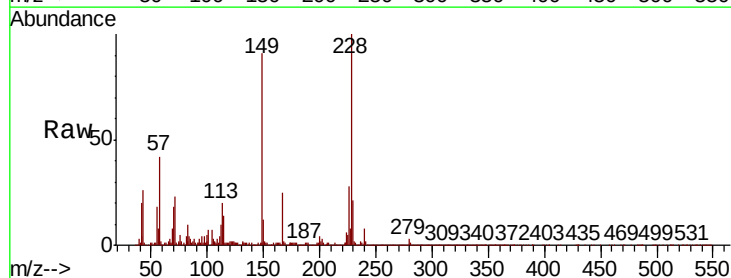
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

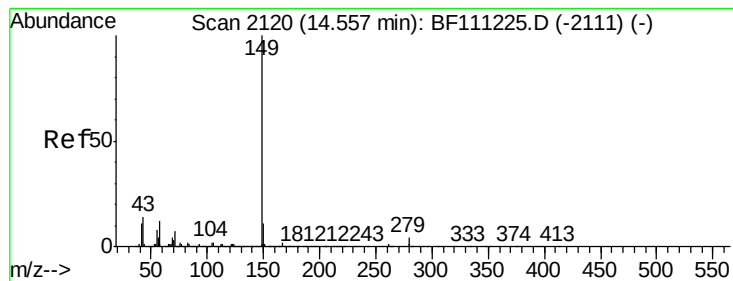
Tgt Ion:228 Resp: 1505998
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.3 37.9
 229 20.5 17.2 25.8



#84
Bis(2-ethylhexyl)phthalate
 Concen: 40.777 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion:149 Resp: 1159951
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.5 33.7
 279 3.1 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 45.376 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

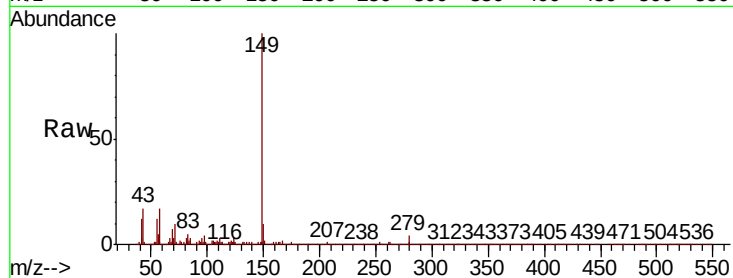
Tgt Ion:149 Resp: 2163518

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

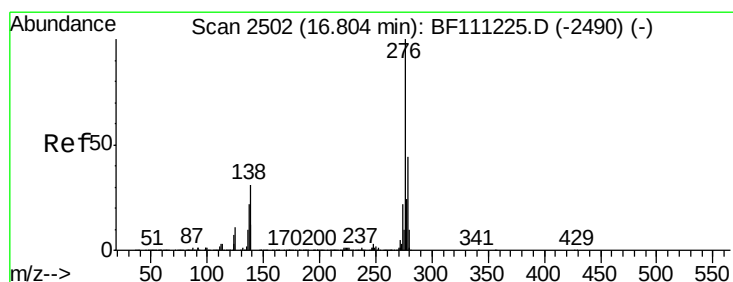
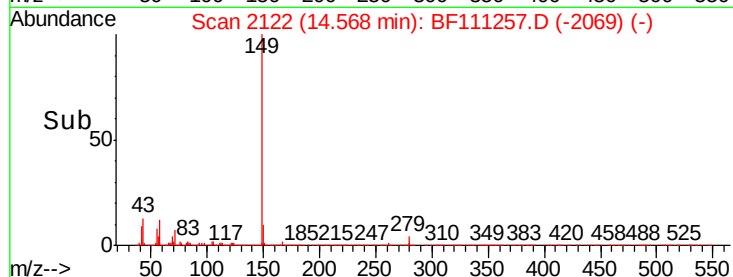
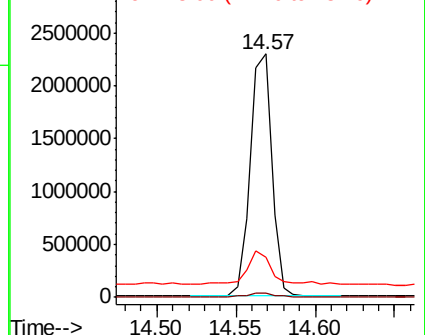
43 18.9 10.9 16.3#



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: 37.603 ng

RT: 16.82 min Scan# 2505

Delta R.T. 0.02 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

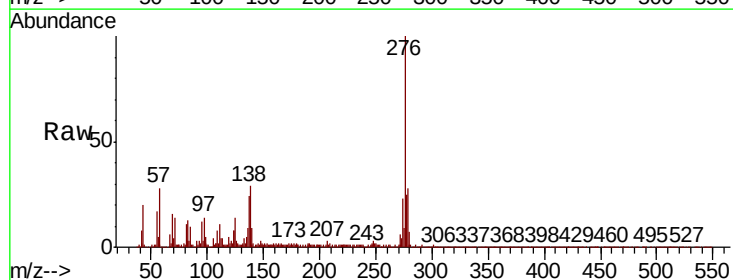
Tgt Ion:276 Resp: 1119697

Ion Ratio Lower Upper

276 100

138 32.8 27.8 41.6

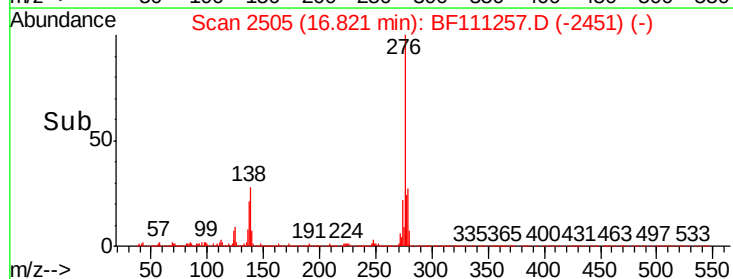
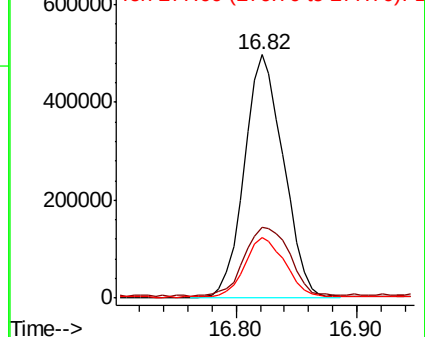
277 25.5 20.1 30.1

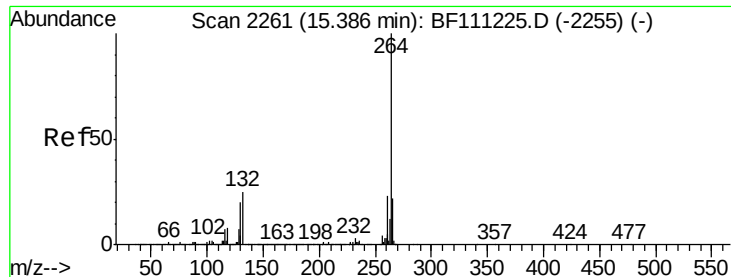


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

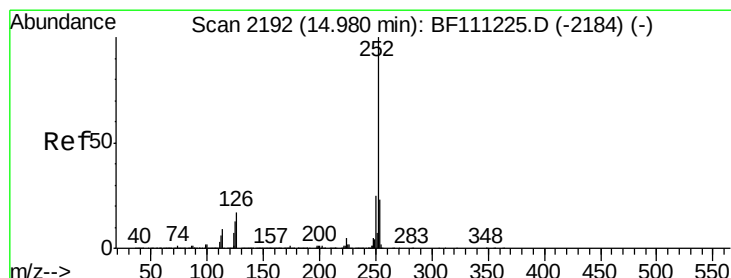
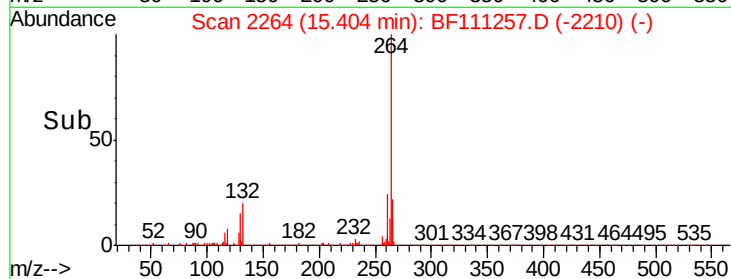
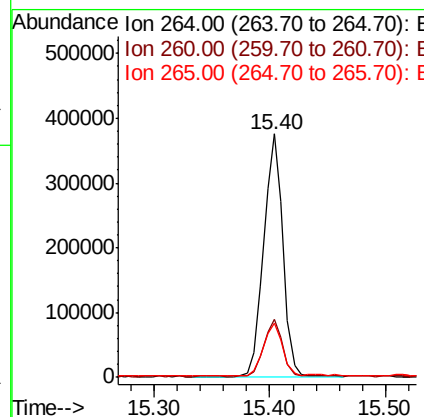
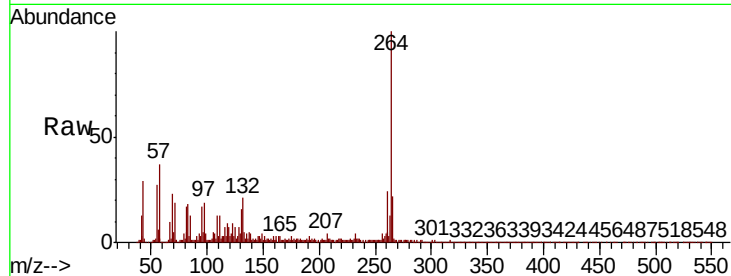




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

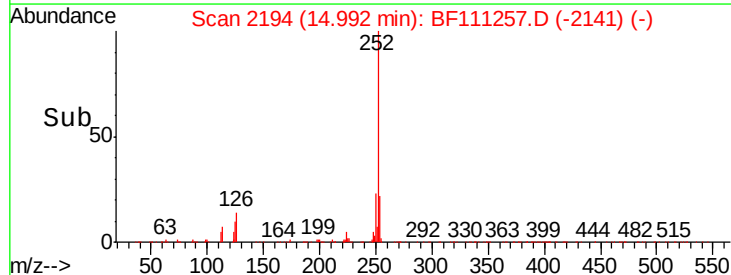
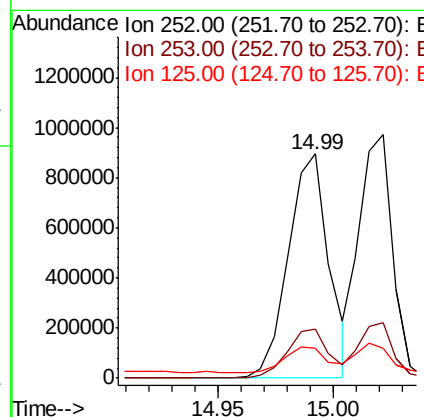
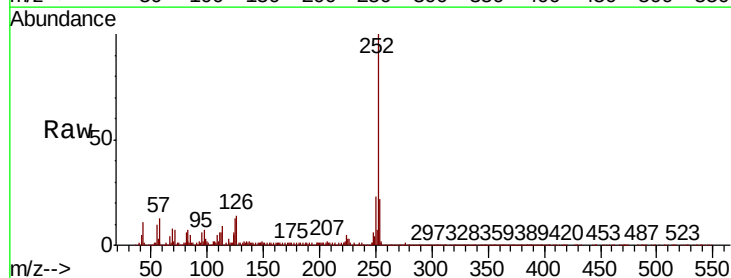
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

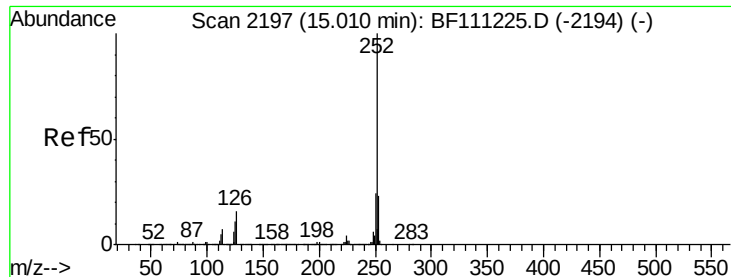
Tgt Ion:264 Resp: 434271
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 22.3 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 44.988 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion:252 Resp: 1080435
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 13.2 10.4 15.6

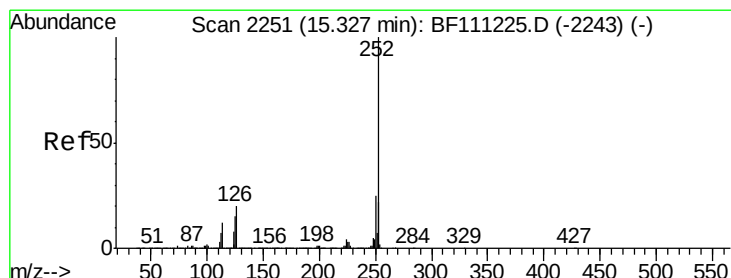
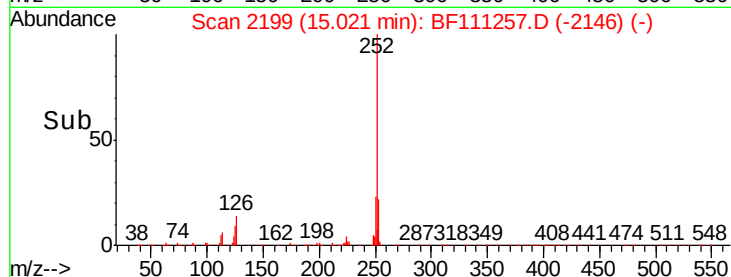
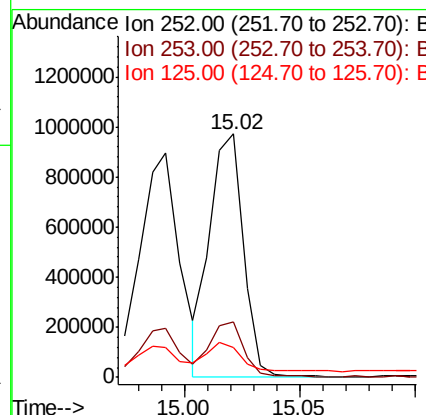
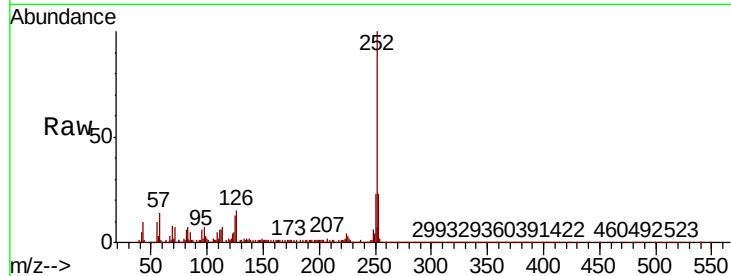




#89
Benzo(k)fluoranthene
Concen: 43.159 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

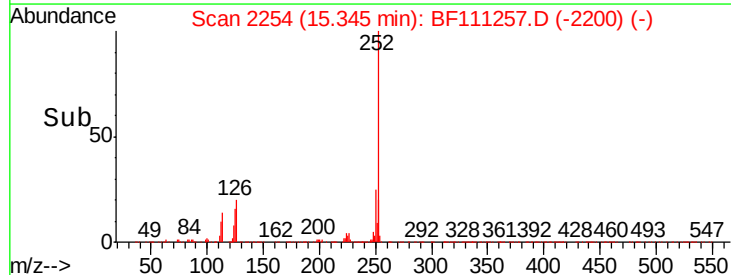
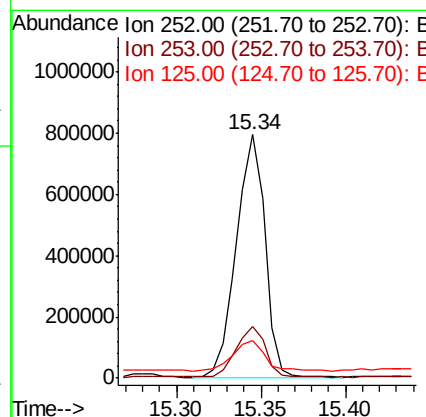
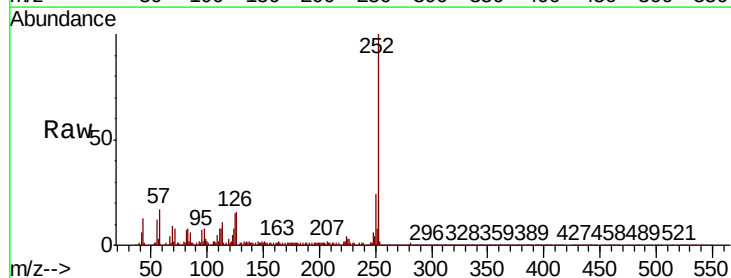
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

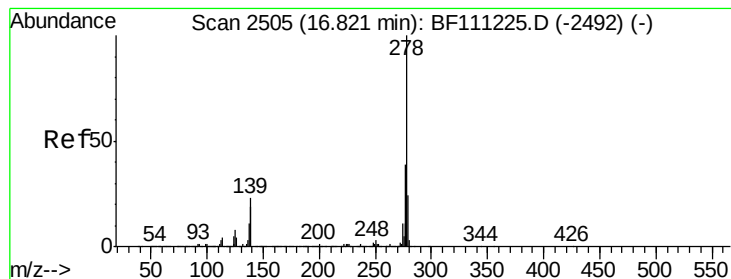
Tgt Ion:252 Resp: 974516
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 12.5 9.8 14.8



#90
Benzo(a)pyrene
Concen: 42.135 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.02 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion:252 Resp: 931842
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 15.4 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 54.600 ng

RT: 16.84 min Scan# 2508

Delta R.T. 0.02 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

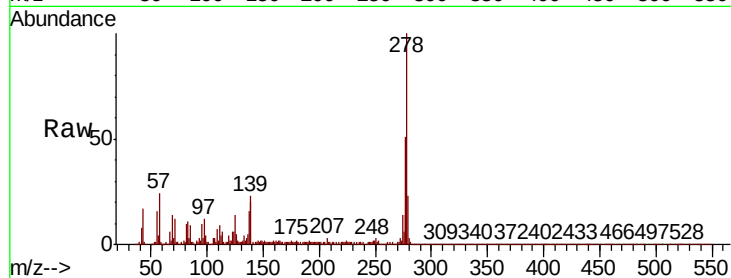
Tgt Ion:278 Resp: 948448

Ion Ratio Lower Upper

278 100

139 23.2 18.2 27.4

279 22.8 19.0 28.6

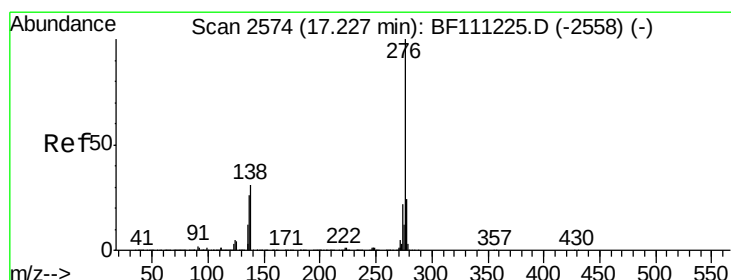
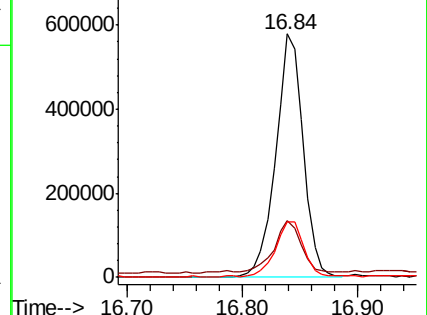
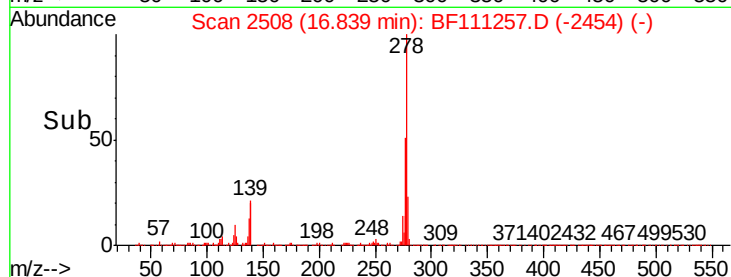


Abundance

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: 43.224 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.02 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

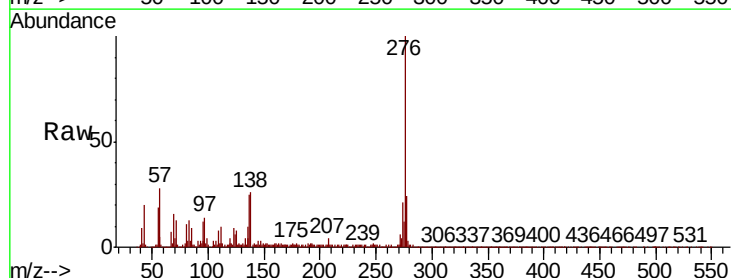
Tgt Ion:276 Resp: 751607

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 26.1 24.9 37.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

