

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111271.D
 Acq On : 11 Dec 2018 11:43
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 13:28:19 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	397350	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1416940	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	586958	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1116150	20.00	ng	0.00
76) Chrysene-d12	13.96	240	655311	20.00	ng	0.00
87) Perylene-d12	15.39	264	655381	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1842975	73.24	ng	0.00
7) Phenol-d6	6.43	99	2415830	77.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	2293886	90.80	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	487076	93.68	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2885588	85.66	ng	0.00
79) Terphenyl-d14	12.91	244	2864218	104.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	434420	33.647	ng	98
3) Pyridine	3.26	79	1170530	34.126	ng	96
4) n-Nitrosodimethylamine	3.20	42	534225	36.530	ng	91
6) Aniline	6.46	93	1544523	37.043	ng	98
8) 2-Chlorophenol	6.59	128	1129848	39.501	ng	97
9) Benzaldehyde	6.35	77	662924	35.124	ng	99
10) Phenol	6.45	94	1348819	36.887	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	1043415	36.896	ng	98
12) 1,3-Dichlorobenzene	6.74	146	1154102	37.552	ng	98
13) 1,4-Dichlorobenzene	6.82	146	1221405	39.359	ng	97
14) 1,2-Dichlorobenzene	6.97	146	1063749	36.752	ng	98
15) Benzyl Alcohol	6.94	79	914643	36.959	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1983301	37.459	ng	100
17) 2-Methylphenol	7.06	107	870607	37.282	ng	99
18) Hexachloroethane	7.32	117	457012	38.681	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	821188	39.200	ng	95
20) 3+4-Methylphenols	7.21	107	1100569	39.623	ng	96
22) Acetophenone	7.21	105	1459709	45.024	ng	# 97
24) Nitrobenzene	7.38	77	1188985	45.221	ng	98
25) Isophorone	7.62	82	1883311	43.770	ng	99
26) 2-Nitrophenol	7.70	139	507484	38.848	ng	98
27) 2,4-Dimethylphenol	7.74	122	857858	42.497	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	1294456	43.444	ng	100
29) 2,4-Dichlorophenol	7.94	162	801532	38.832	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	798895	39.293	ng	99
31) Naphthalene	8.10	128	2569325	41.547	ng	99
32) Benzoic acid	7.86	122	540682	32.390	ng	94
33) 4-Chloroaniline	8.15	127	1183434	39.843	ng	99
34) Hexachlorobutadiene	8.23	225	513932	45.792	ng	98
35) Caprolactam	8.53	113	335600	45.884	ng	100
36) 4-Chloro-3-methylphenol	8.63	107	955833	45.229	ng	100
37) 2-Methylnaphthalene	8.80	142	1518798	36.992	ng	100
38) 1-Methylnaphthalene	8.80	142	1518798	37.774	ng	95
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	633993	38.818	ng	100

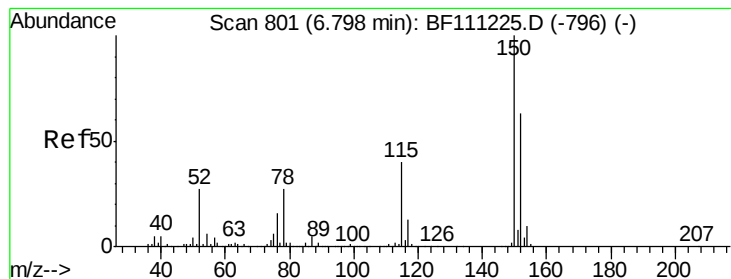
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111271.D
 Acq On : 11 Dec 2018 11:43
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 13:28:19 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)
41) Hexachlorocyclopentadiene	8.96	237	376802	40.511	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	459832	37.508	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	489849	38.356	nq	95
46) 1,1'-Biphenyl	9.26	154	1918071	40.280	nq	97
47) 2-Chloronaphthalene	9.29	162	1496640	38.969	nq	97
48) 2-Nitroaniline	9.37	65	504038	38.473	nq	99
49) Acenaphthylene	9.70	152	2209446	39.628	nq	98
50) Dimethylphthalate	9.56	163	1644313	37.967	nq	98
51) 2,6-Dinitrotoluene	9.62	165	367784	38.453	nq	# 80
52) Acenaphthene	9.87	154	1396312	39.908	nq	99
53) 3-Nitroaniline	9.79	138	457154	38.724	nq	99
54) 2,4-Dinitrophenol	9.89	184	143327	37.922	nq	97
55) Dibenzofuran	10.05	168	2015113	42.334	nq	98
56) 4-Nitrophenol	9.95	139	352646	38.354	nq	98
57) 2,4-Dinitrotoluene	10.02	165	483084	40.971	nq	97
58) Fluorene	10.39	166	1752913	47.588	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	465568	48.094	nq	100
60) Diethylphthalate	10.26	149	2066346	50.045	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	877317	47.970	nq	96
62) 4-Nitroaniline	10.40	138	571440	51.157	nq	99
63) Azobenzene	10.54	77	2044318	47.689	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	285417	43.294	nq	83
66) n-Nitrosodiphenylamine	10.50	169	1669700	43.946	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	544388	44.531	nq	98
68) Hexachlorobenzene	10.94	284	543042	43.667	nq	99
69) Atrazine	11.02	200	522429	45.217	nq	98
70) Pentachlorophenol	11.13	266	372675	41.309	nq	97
71) Phenanthrene	11.35	178	2195321	38.995	nq	97
72) Anthracene	11.40	178	2131459	36.189	nq	98
73) Carbazole	11.55	167	2126003	34.520	nq	97
74) Di-n-butylphthalate	11.89	149	2440116	38.547	nq	98
75) Fluoranthene	12.53	202	2005199	38.991	nq	98
77) Benzidine	12.65	184	1038904	53.393	nq	97
78) Pyrene	12.76	202	2107140	44.997	nq	98
80) Butylbenzylphthalate	13.38	149	1073623	43.894	nq	96
81) Benzo(a)anthracene	13.94	228	1412949	38.648	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	561282	37.457	nq	99
83) Chrysene	13.99	228	1463169	38.821	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1159710	39.901	nq	97
85) Di-n-octyl phthalate	14.56	149	1813285	37.222	nq	100
86) Indeno(1,2,3-cd)pyrene	16.81	276	1374316	45.172	nq	97
88) Benzo(b)fluoranthene	14.98	252	1257764	34.703	nq	99
89) Benzo(k)fluoranthene	15.01	252	1125789	33.038	nq	99
90) Benzo(a)pyrene	15.33	252	1377300	41.266	nq	99
91) Dibenzo(a,h)anthracene	16.83	278	1144866	43.672	nq	98
92) Benzo(g,h,i)perylene	17.24	276	960658	36.607	nq	96

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

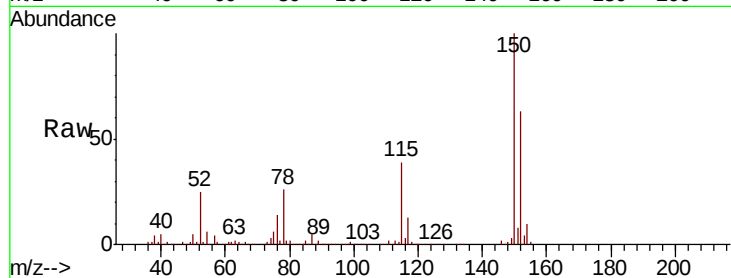


#1

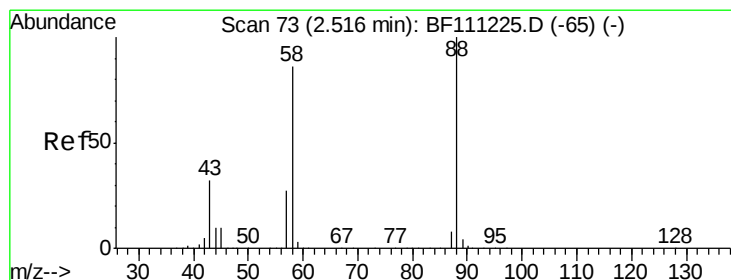
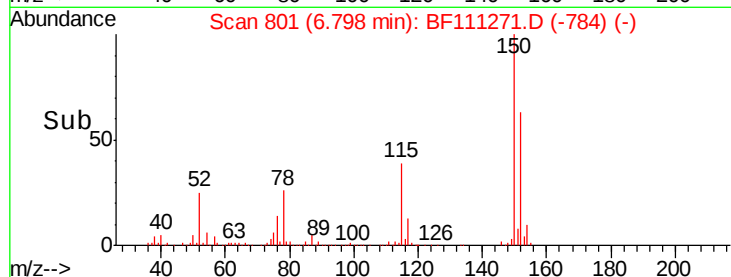
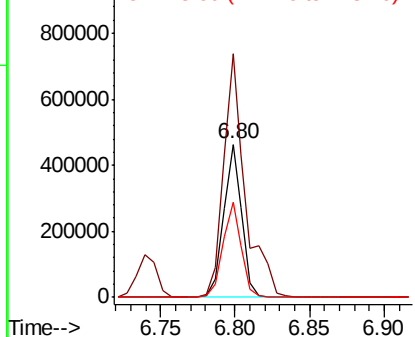
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.6	189.8
115	61.9	50.7	76.1



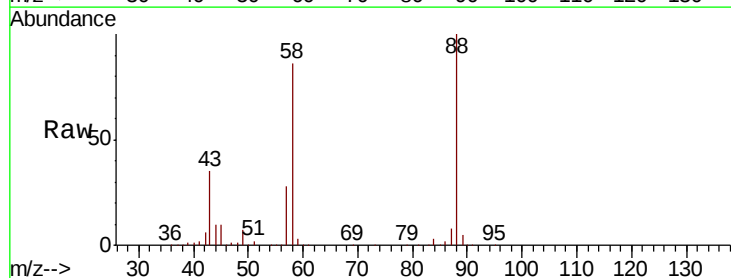
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



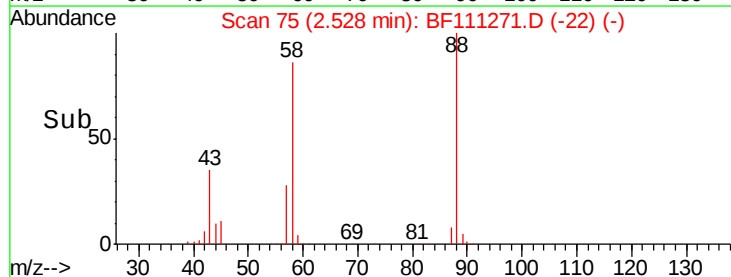
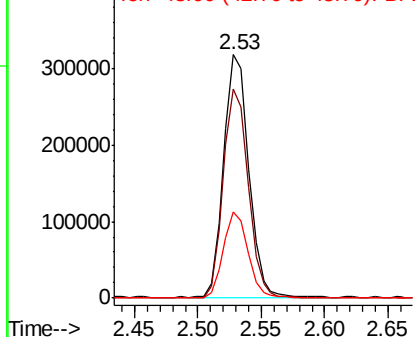
#2

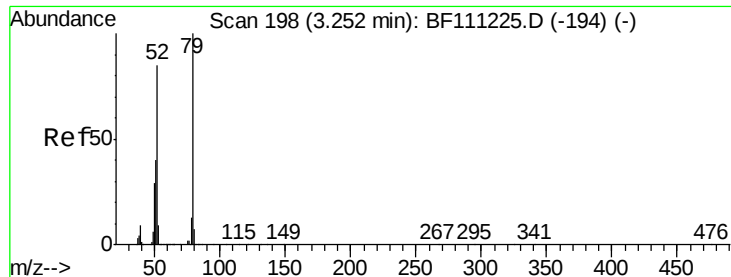
1,4-Dioxane
Concen: 33.647 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.01 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	68.9	103.3
43	34.7	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

Pvridine

Concen: 34.126 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

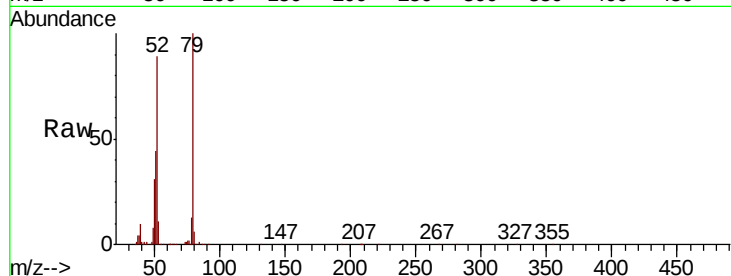
Tot Ion: 79 Resp: 1170530

Ion Ratio Lower Upper

79 100

52 88.9 68.3 102.5

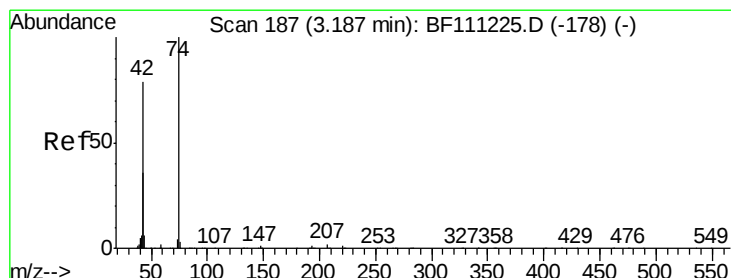
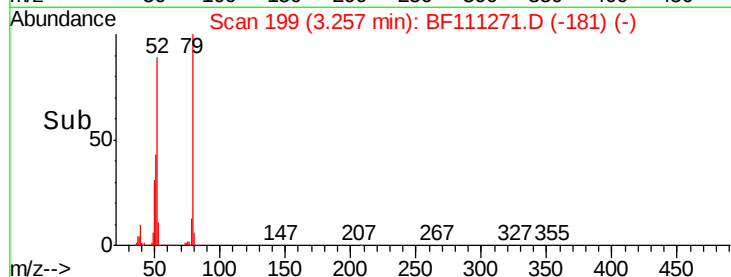
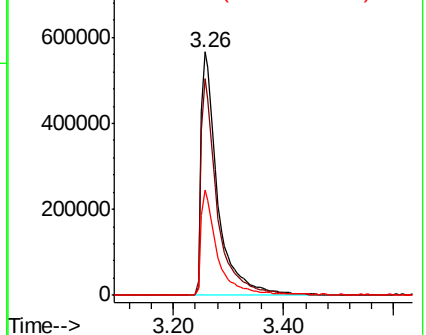
51 43.5 32.6 49.0



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: 36.530 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

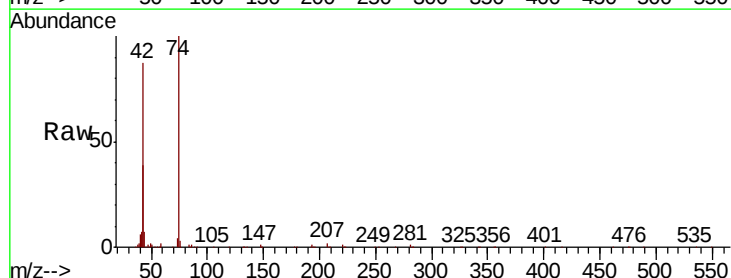
Tgt Ion: 42 Resp: 534225

Ion Ratio Lower Upper

42 100

74 115.5 101.5 152.3

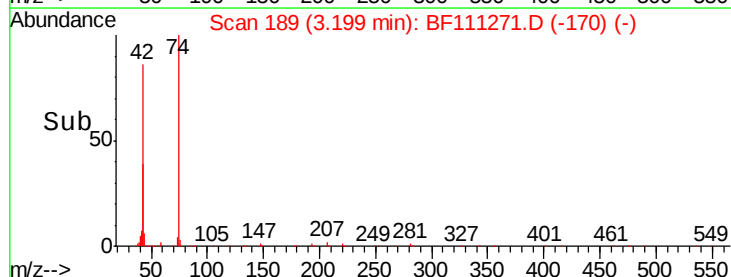
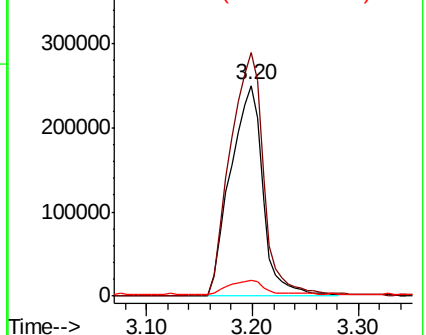
44 7.5 6.0 9.0

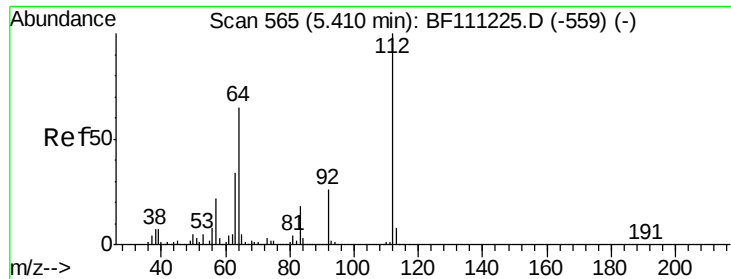


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 73.240 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

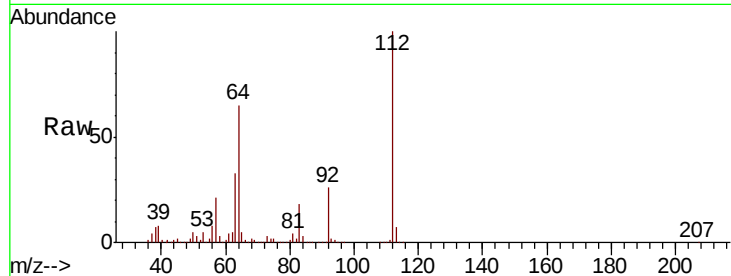
Tot Ion:112 Resp: 1842975

Ion Ratio Lower Upper

112 100

64 64.9 51.8 77.6

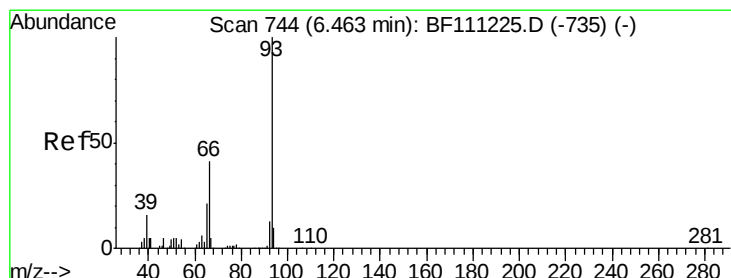
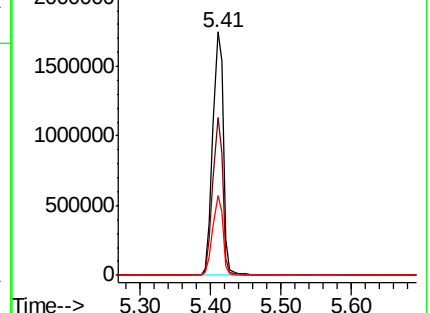
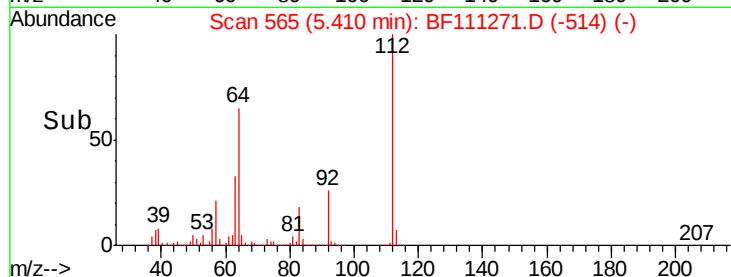
63 33.0 26.8 40.2



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: 37.043 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

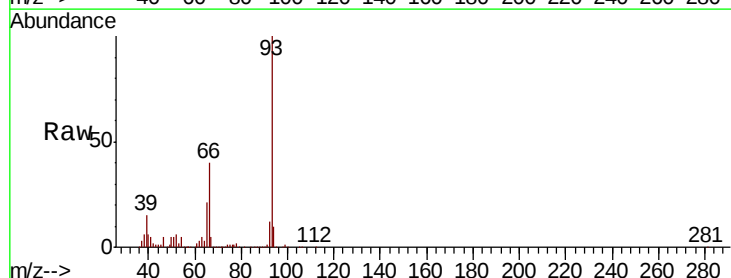
Tgt Ion: 93 Resp: 1544523

Ion Ratio Lower Upper

93 100

66 40.1 33.2 49.8

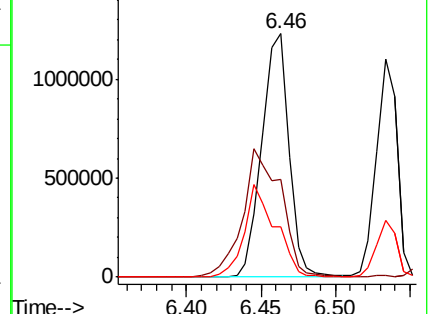
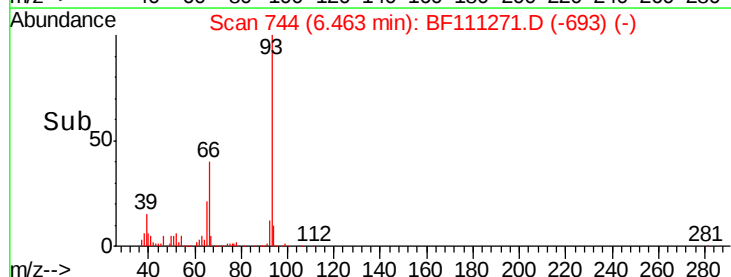
65 20.9 17.0 25.4

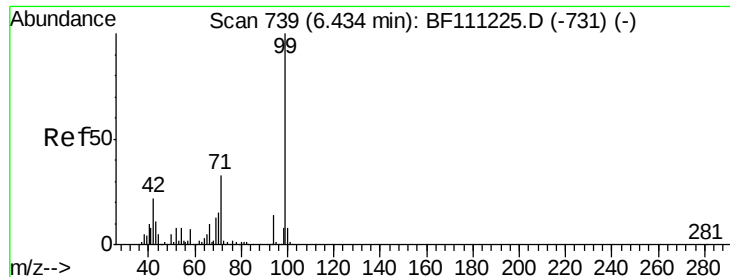


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.252 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampled :

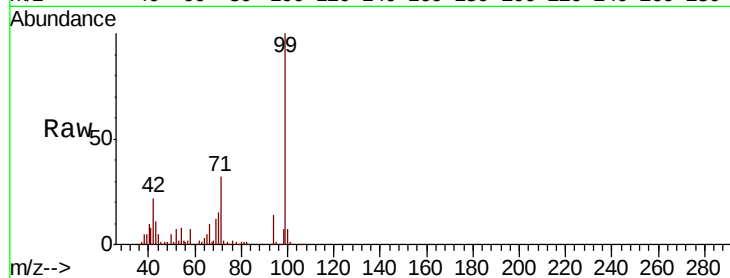
Tot Ion: 99 Resp: 2415830

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.4	26.0
71	32.1	26.1	39.1

99 100

42 21.8 17.4 26.0

71 32.1 26.1 39.1

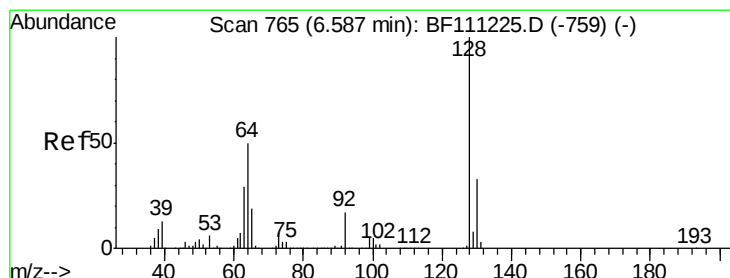
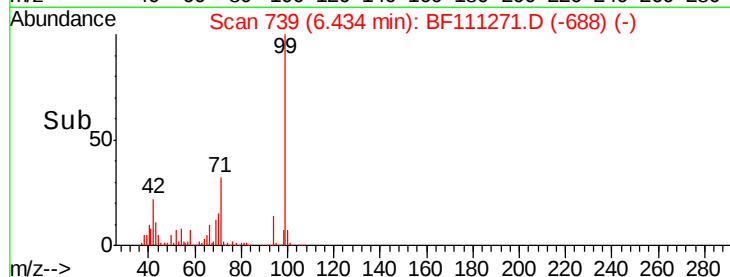
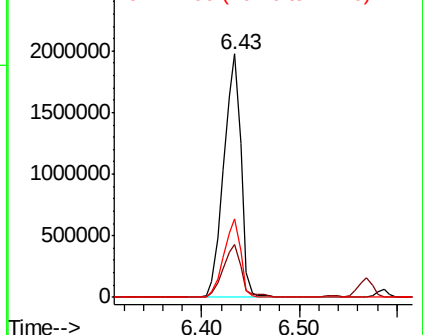


Abundance

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: 39.501 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

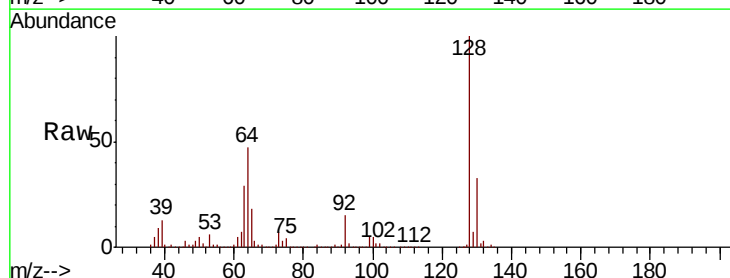
Tgt Ion: 128 Resp: 1129848

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.7	52.7
64	46.9	30.0	70.0

128 100

130 32.5 12.7 52.7

64 46.9 30.0 70.0

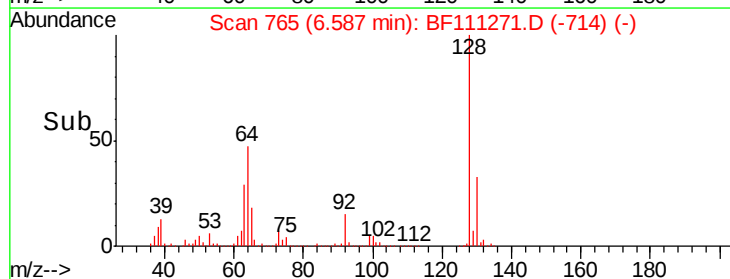
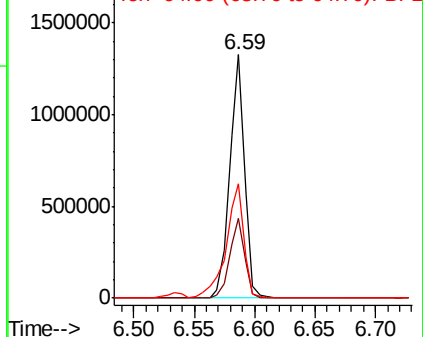


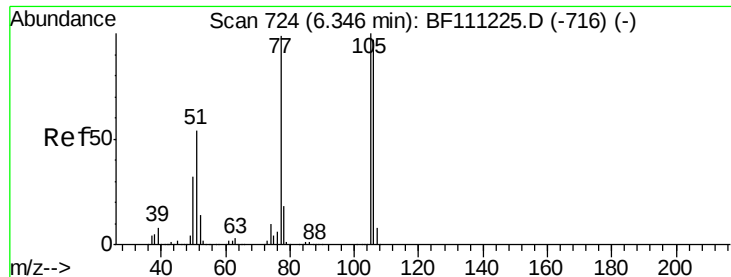
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.124 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

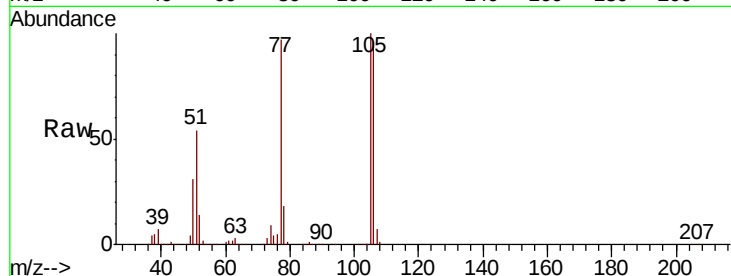
Tot Ion: 77 Resp: 662924

Ion Ratio Lower Upper

77 100

105 102.7 81.4 121.4

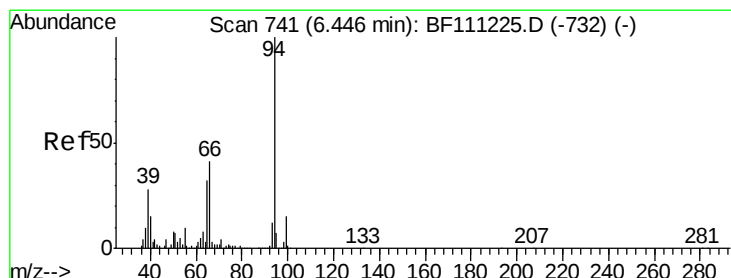
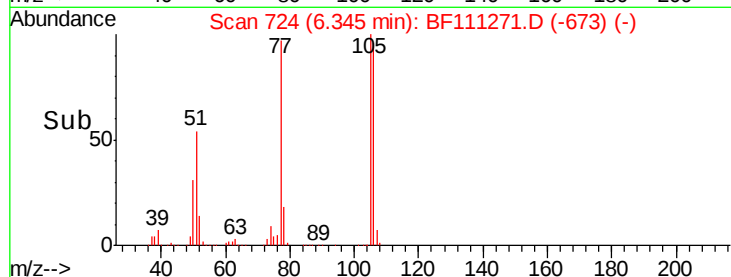
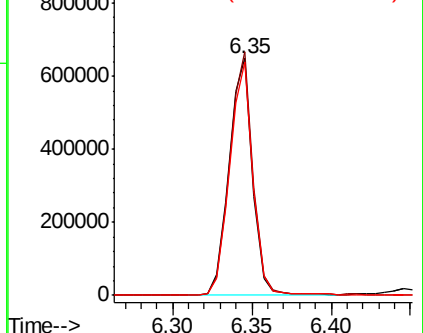
106 98.7 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.887 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

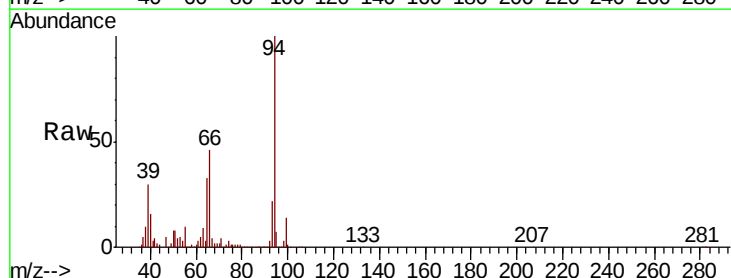
Tgt Ion: 94 Resp: 1348819

Ion Ratio Lower Upper

94 100

65 33.2 11.7 51.7

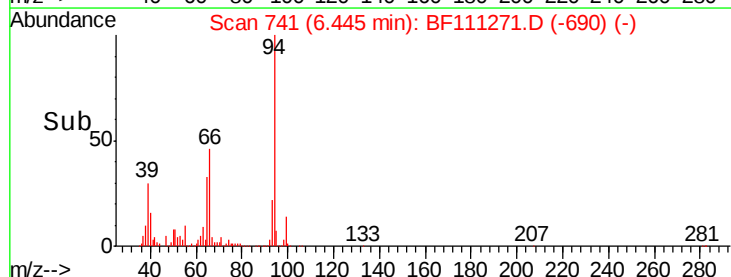
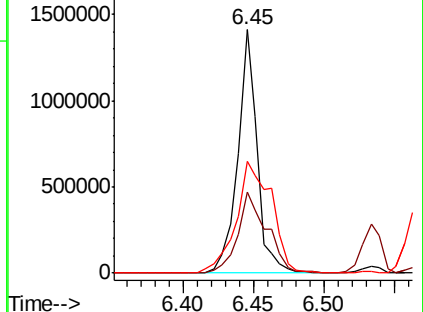
66 46.0 21.0 61.0

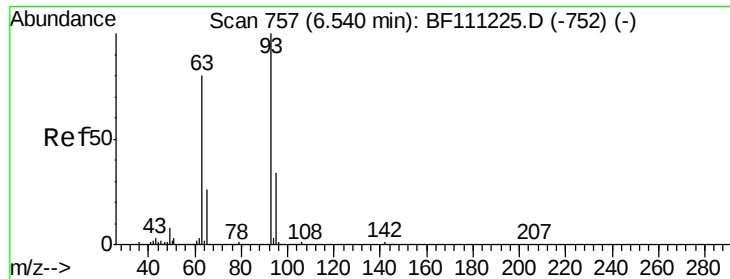


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



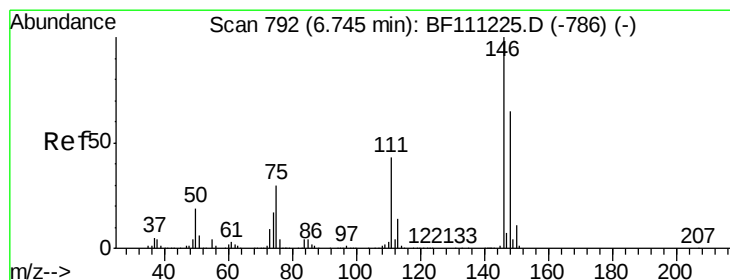
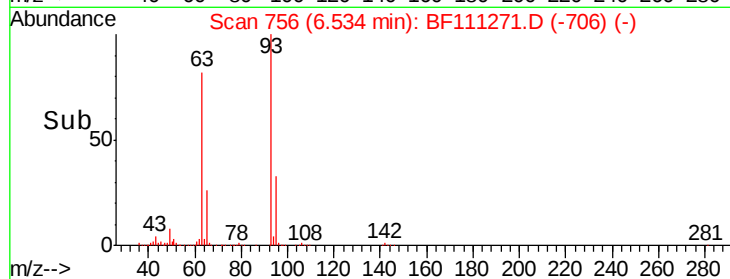
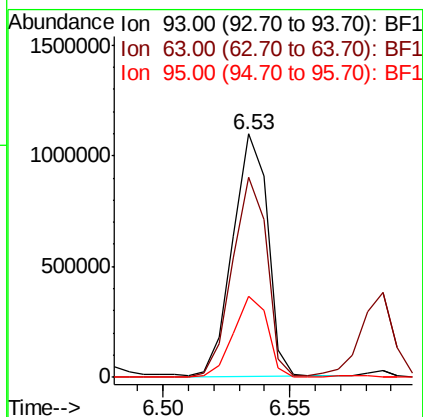
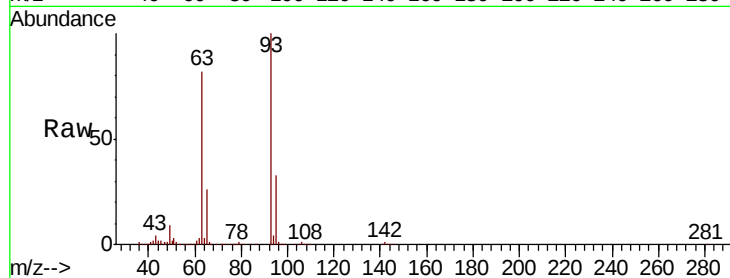


#11
bis(2-Chloroethyl)ether
Concen: 36.896 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1043415

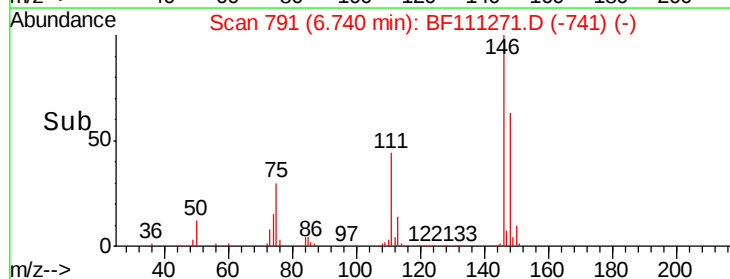
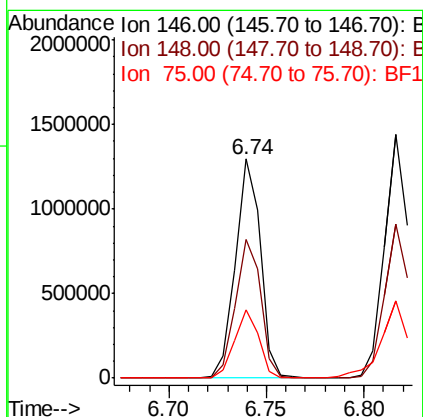
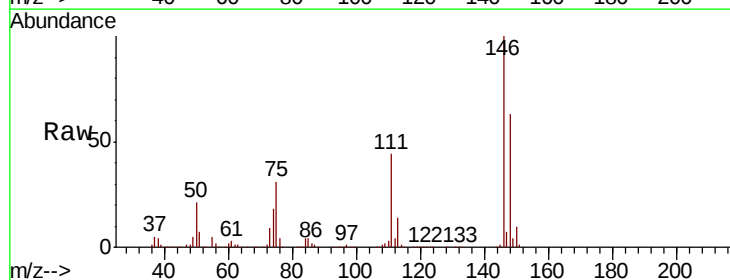
Ion	Ratio	Lower	Upper
93	100		
63	82.3	60.0	100.0
95	33.5	13.4	53.4

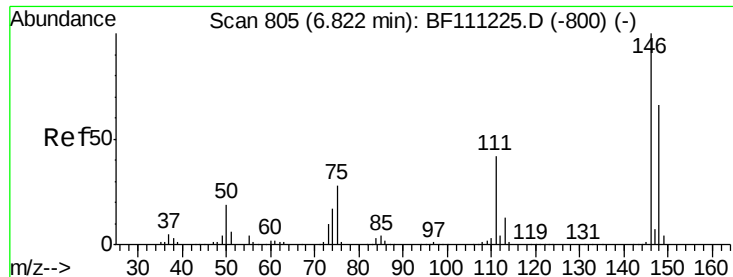


#12
1,3-Dichlorobenzene
Concen: 37.552 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion: 146 Resp: 1154102

Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.1	78.1
75	31.2	23.9	35.9

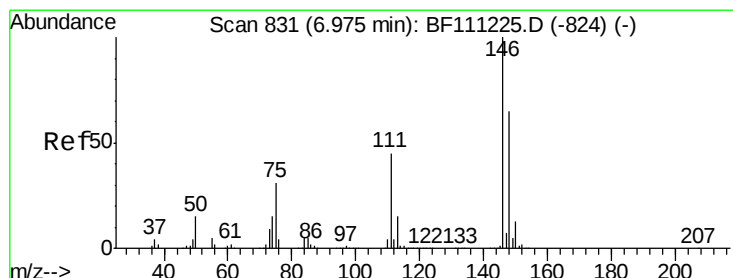
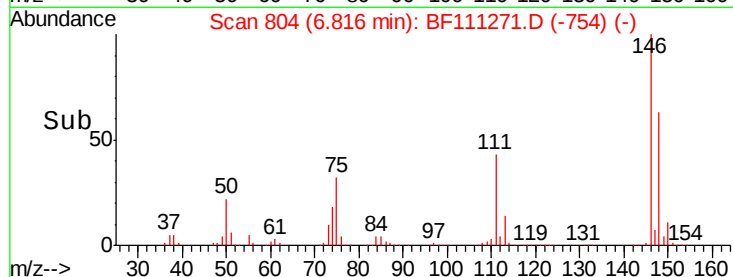
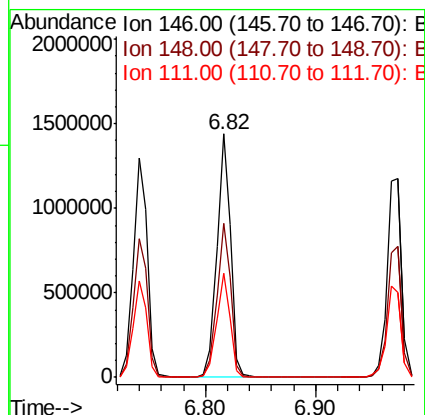
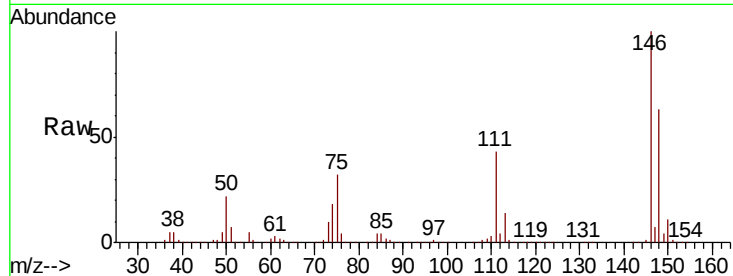




#13
 1,4-Dichlorobenzene
 Concen: 39.359 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

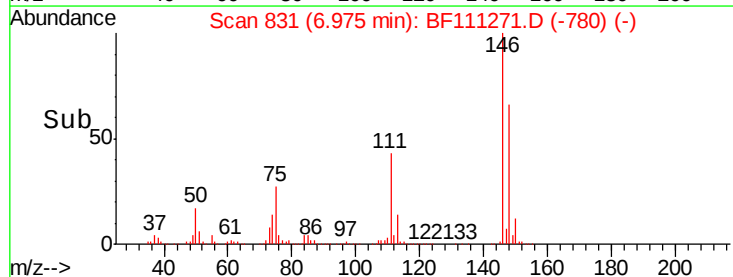
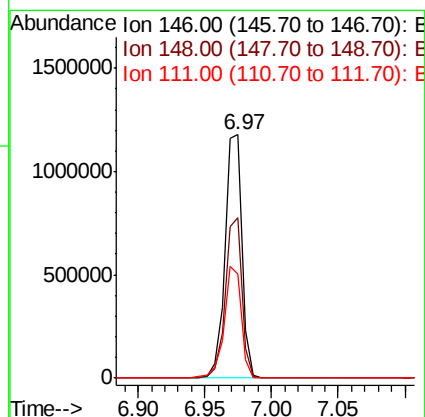
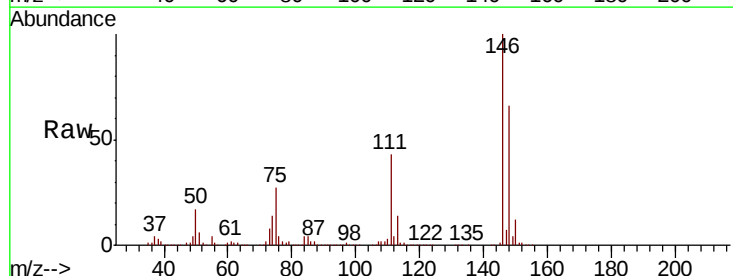
Instrument :
 BNA_F
 ClientSampled :

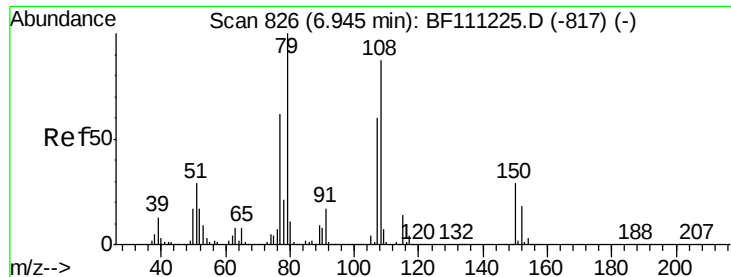
Tot Ion:146 Resp: 1221405
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.8 79.2
 111 42.6 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 36.752 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

Tgt Ion:146 Resp: 1063749
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.9 77.9
 111 42.7 36.2 54.4





#15

Benzyl Alcohol

Concen: 36.959 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampled :

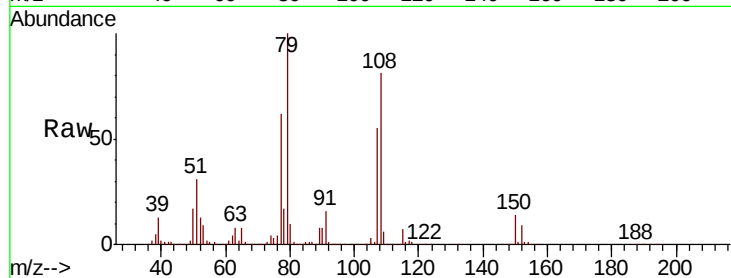
Tot Ion: 79 Resp: 914643

Ion Ratio Lower Upper

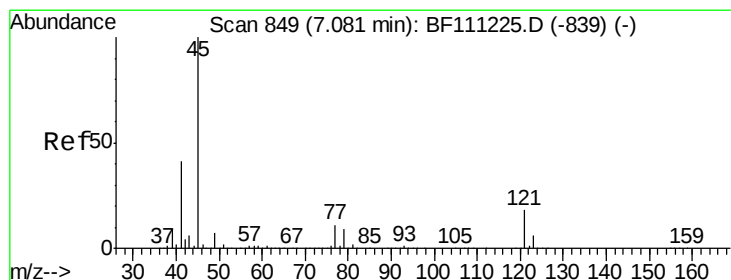
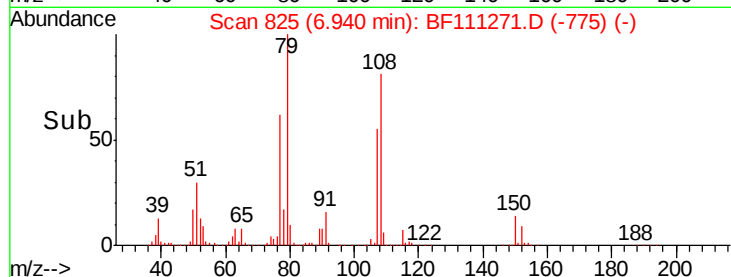
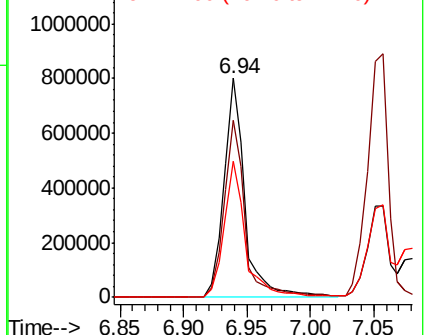
79 100

108 80.8 69.4 104.2

77 61.9 49.7 74.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.459 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

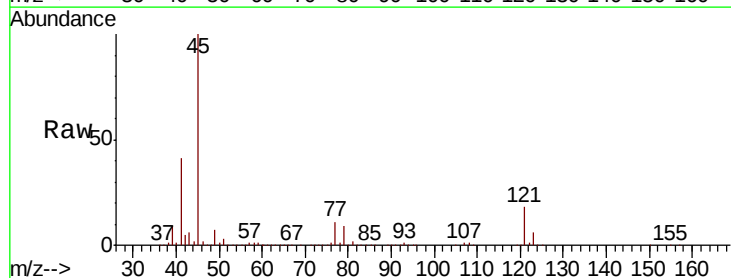
Tgt Ion: 45 Resp: 1983301

Ion Ratio Lower Upper

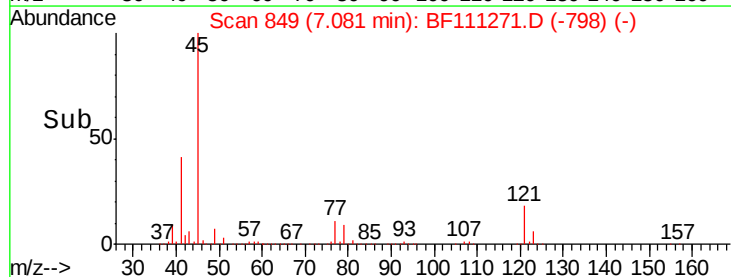
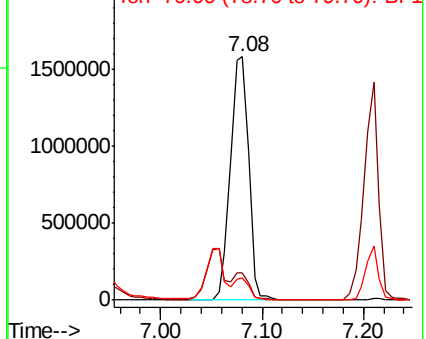
45 100

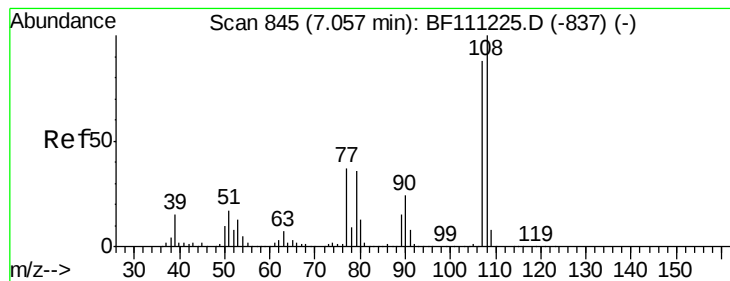
77 11.4 0.0 31.5

79 9.1 0.0 28.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

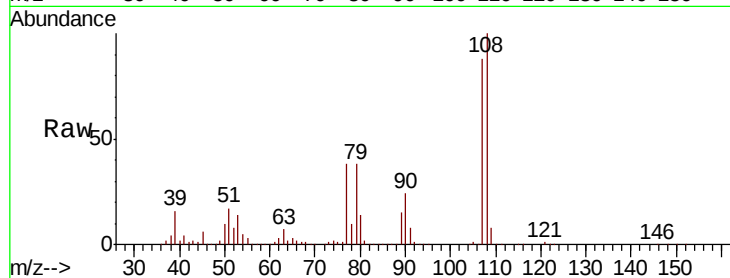




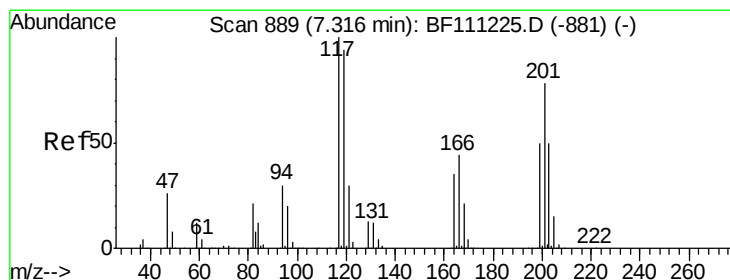
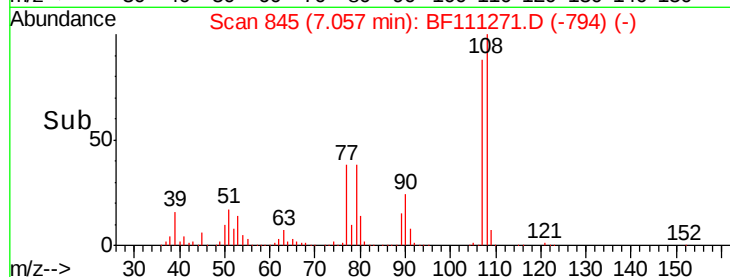
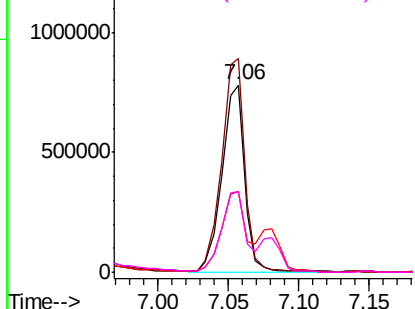
#17
2-Methylphenol
Concen: 37.282 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.0	136.4
77	43.3	33.5	50.3
79	43.0	33.3	49.9

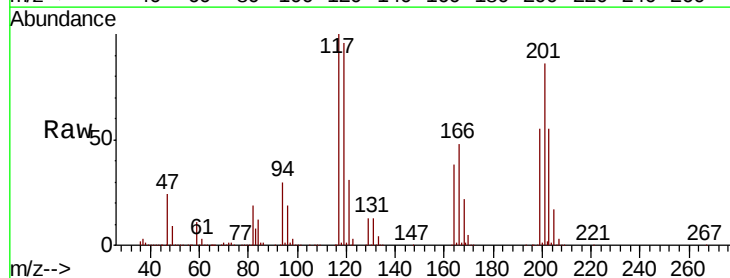


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

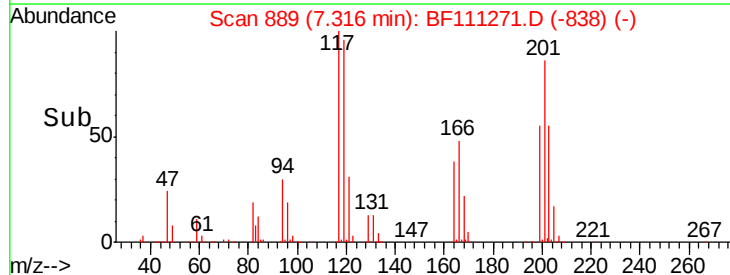
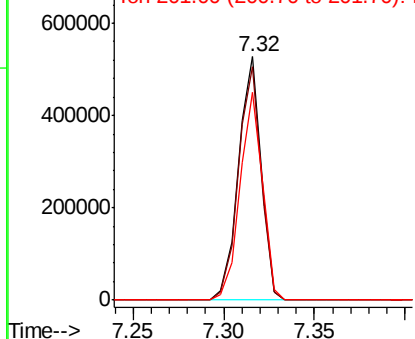


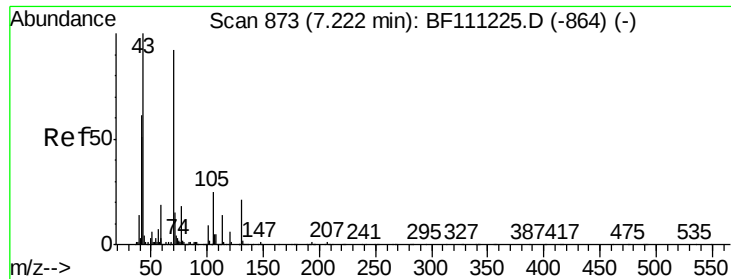
#18
Hexachloroethane
Concen: 38.681 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.4	113.0
201	85.6	62.4	93.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

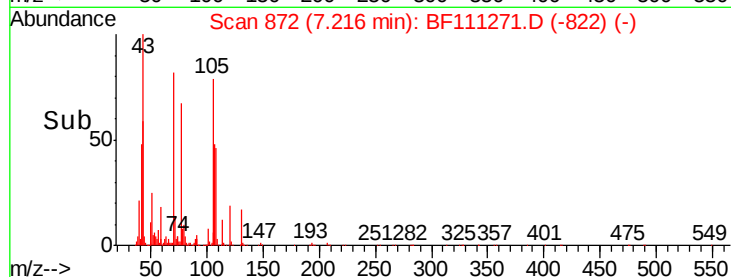
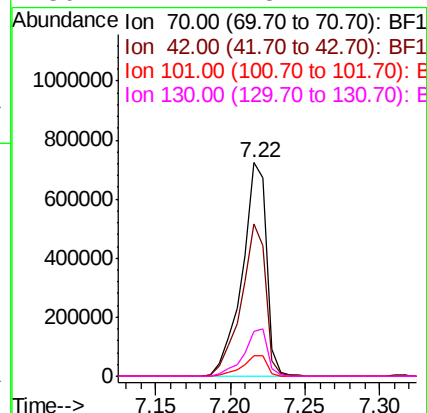
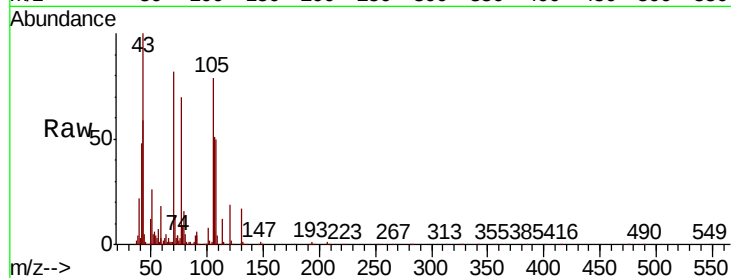




#19
n-Nitroso-di-n-propylamine
Concen: 39.200 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

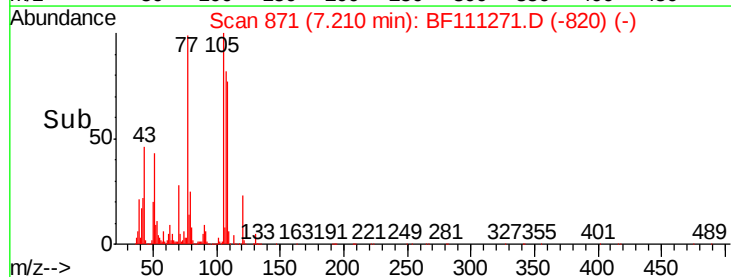
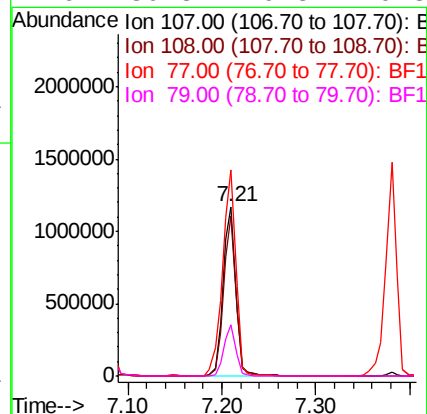
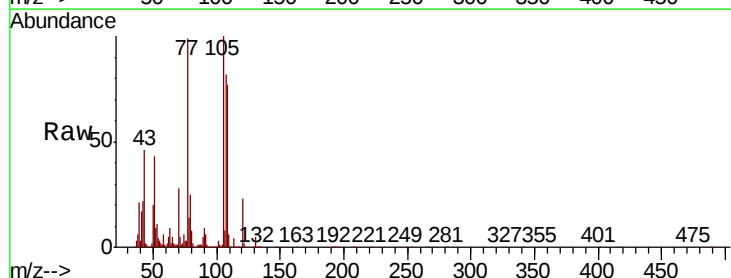
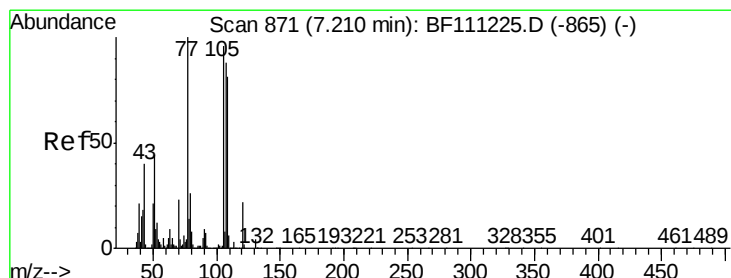
Instrument :
BNA_F
ClientSampleId :

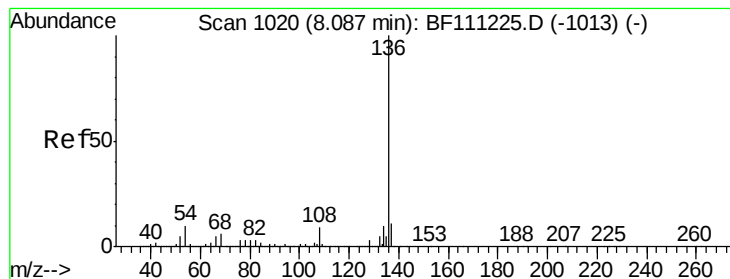
Tot Ion: 70 Resp: 821188
Ion Ratio Lower Upper
70 100
42 71.6 53.2 79.8
101 9.8 8.2 12.4
130 21.2 18.1 27.1



#20
3+4-Methylphenols
Concen: 39.623 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion:107 Resp: 1100569
Ion Ratio Lower Upper
107 100
108 94.2 72.1 112.1
77 121.3 94.1 134.1
79 30.3 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1416940

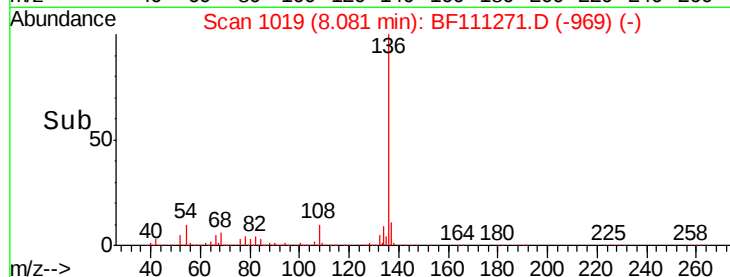
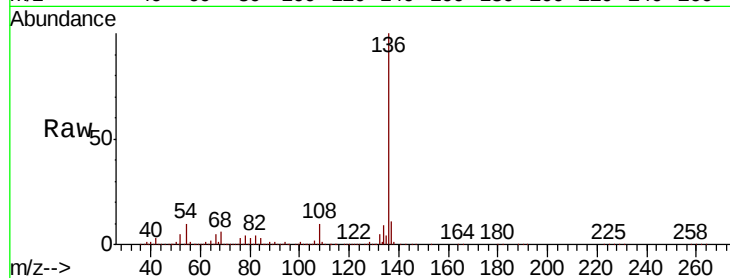
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.3 7.7 11.5

68 6.2 4.9 7.3

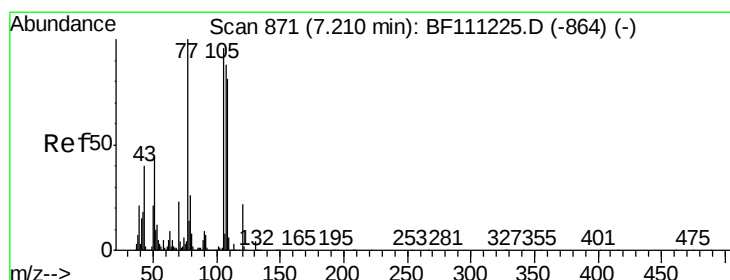
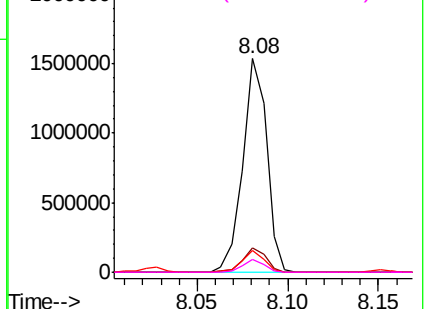


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.024 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Tgt Ion:105 Resp: 1459709

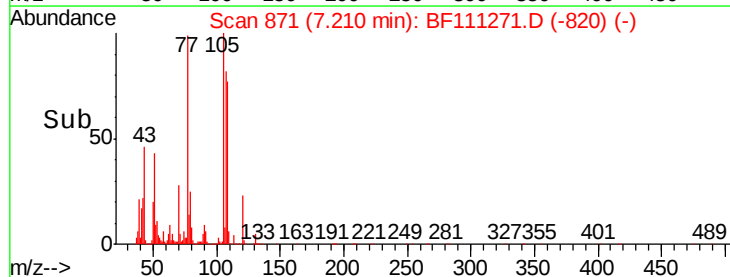
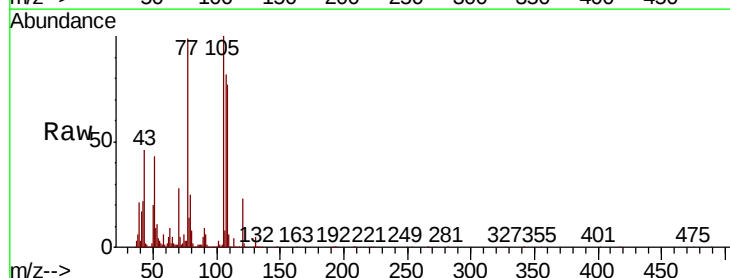
Ion Ratio Lower Upper

105 100

71 4.7 3.1 4.7#

51 43.0 36.6 54.8

120 23.1 18.2 27.4

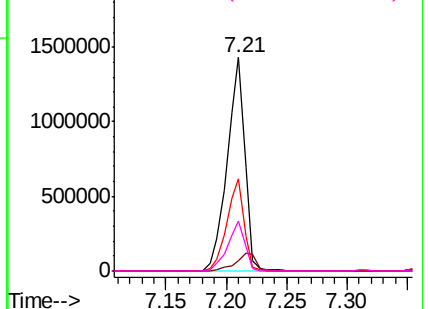


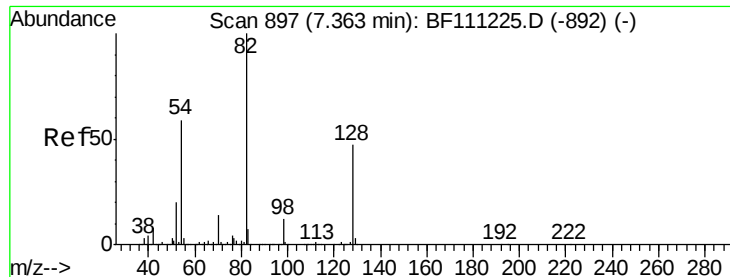
Abundance Ion 105.00 (104.70 to 105.70): E

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



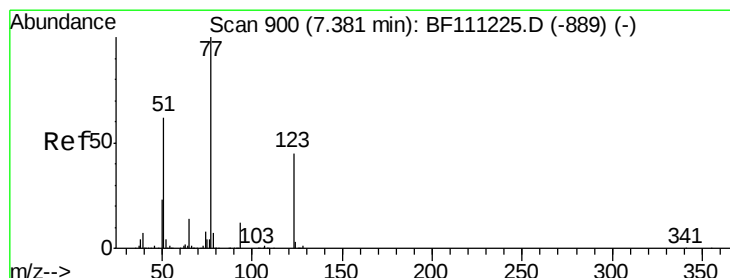
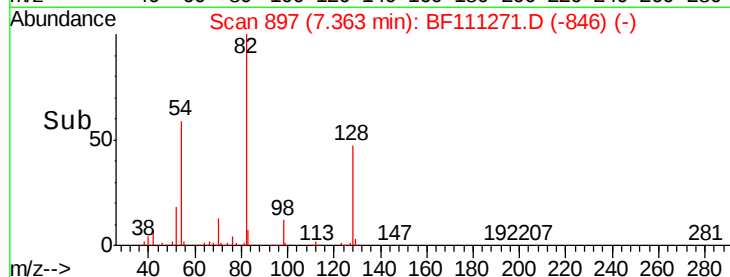
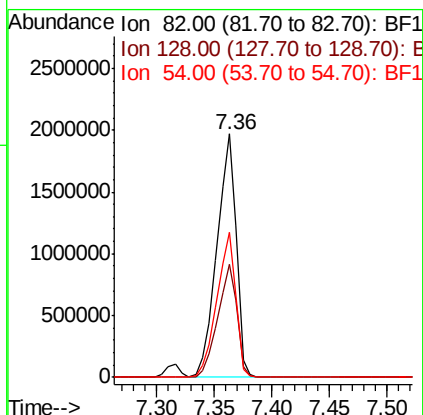
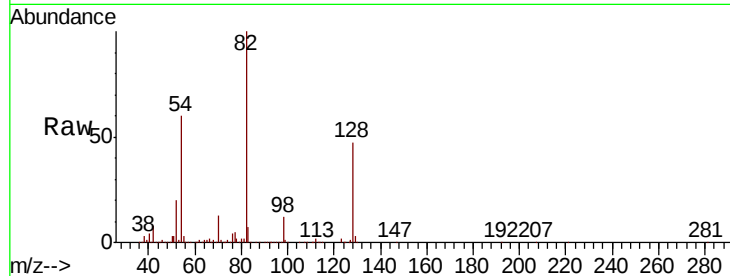


#23
 Nitrobenzene-d5
 Concen: 90.802 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 2293886

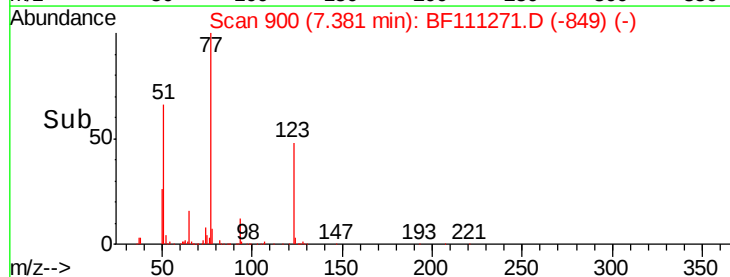
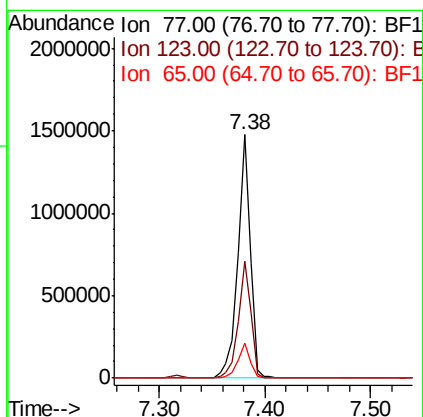
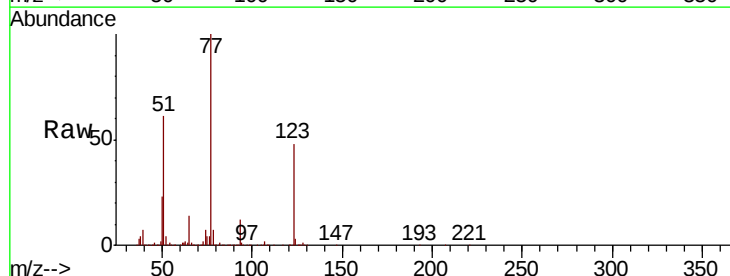
Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.2
54	59.5	47.6	71.4

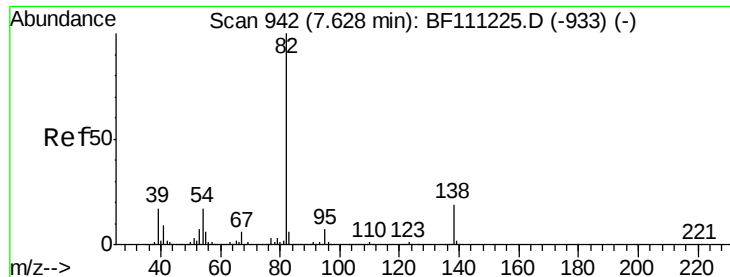


#24
 Nitrobenzene
 Concen: 45.221 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

Tgt Ion: 77 Resp: 1188985

Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.2	55.8
65	14.4	11.5	17.3





#25

Isophorone

Concen: 43.770 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

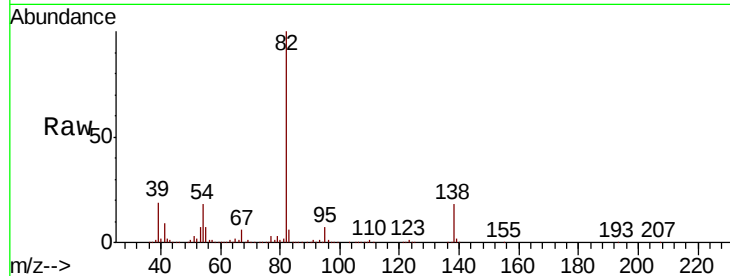
Tot Ion: 82 Resp: 1883311

Ion Ratio Lower Upper

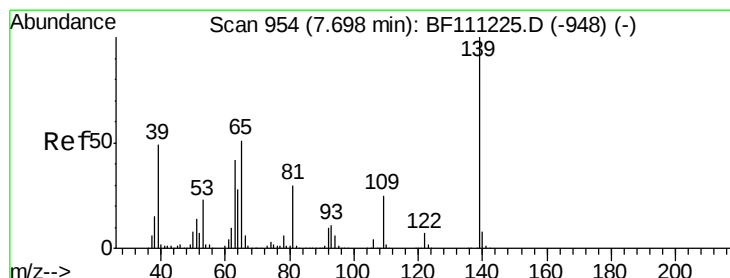
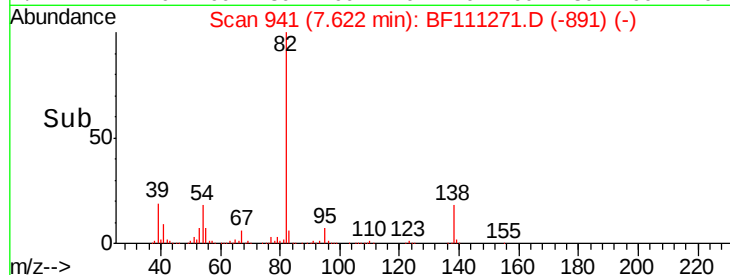
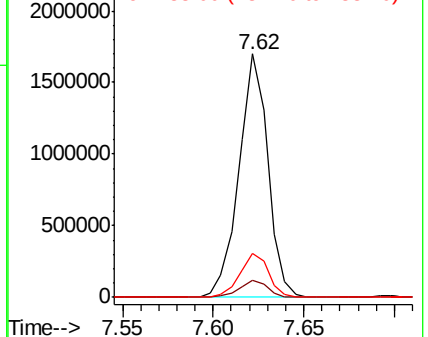
82 100

95 6.9 5.4 8.2

138 18.3 15.1 22.7



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



#26

2-Nitrophenol

Concen: 38.848 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

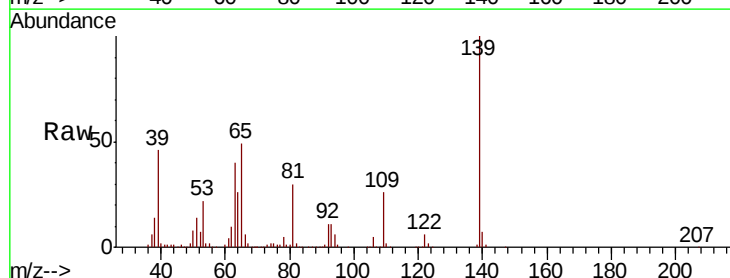
Tgt Ion: 139 Resp: 507484

Ion Ratio Lower Upper

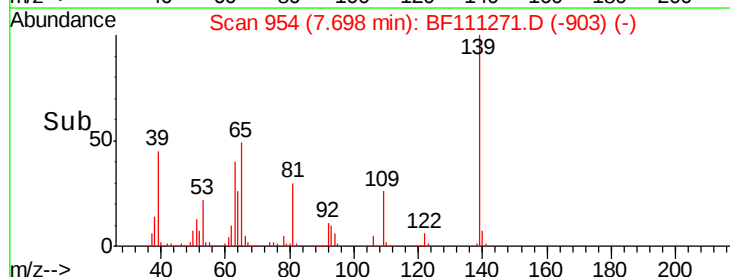
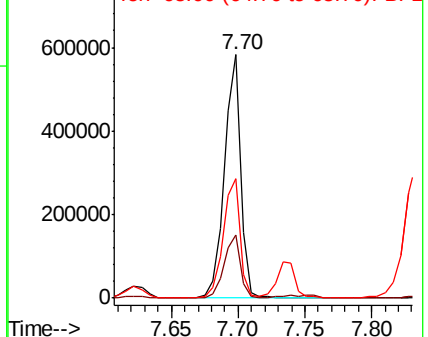
139 100

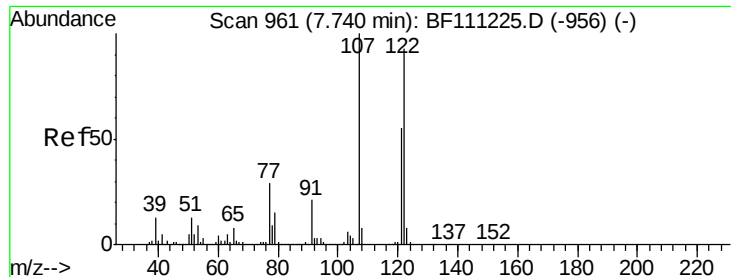
109 25.8 20.2 30.4

65 49.0 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: 42.497 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

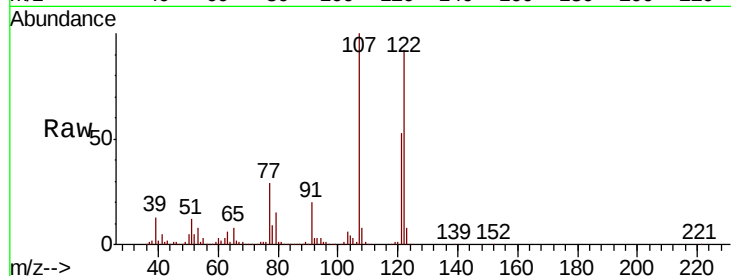
Tot Ion:122 Resp: 857858

Ion Ratio Lower Upper

122 100

107 109.2 85.5 128.3

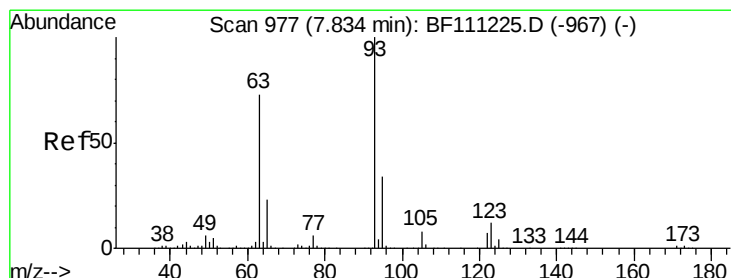
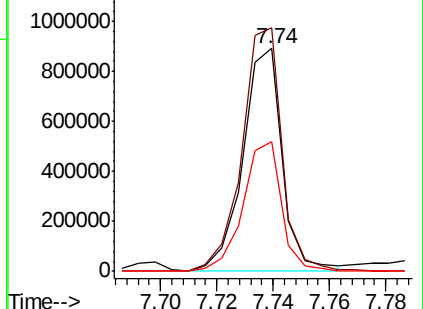
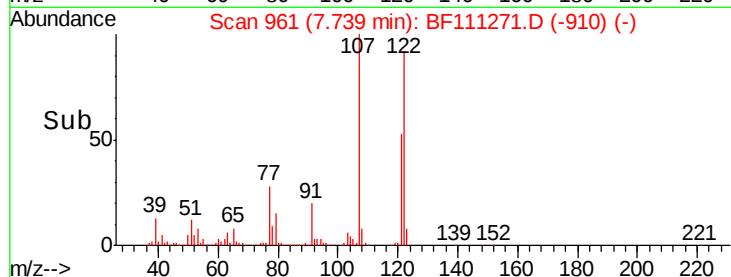
121 58.3 46.6 70.0



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: 43.444 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

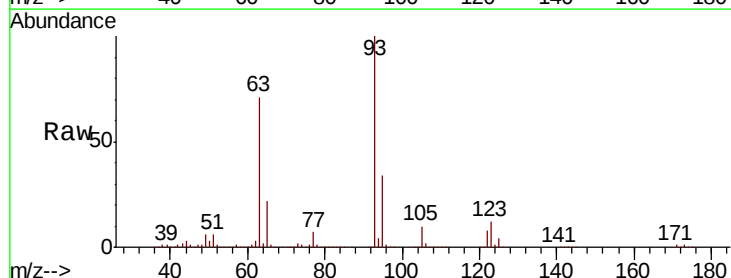
Tgt Ion: 93 Resp: 1294456

Ion Ratio Lower Upper

93 100

95 34.2 27.1 40.7

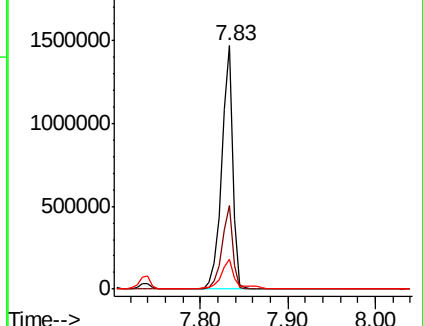
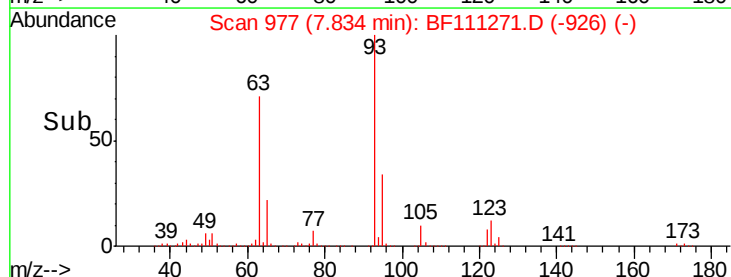
123 12.4 9.9 14.9

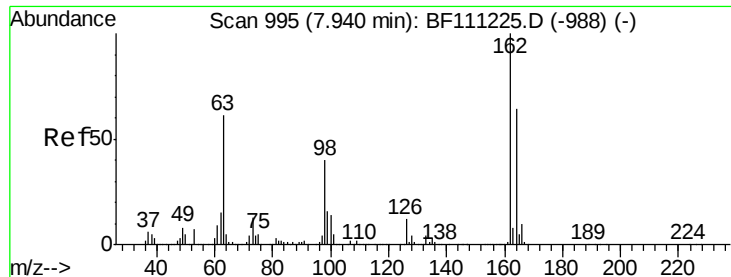


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

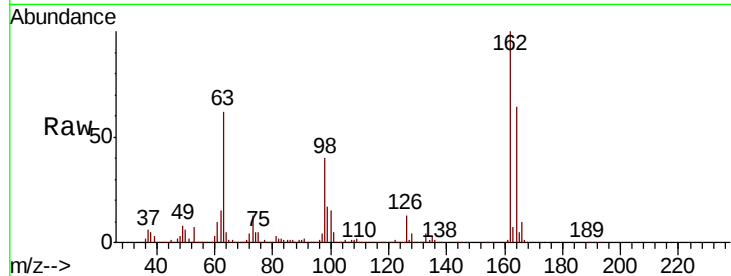




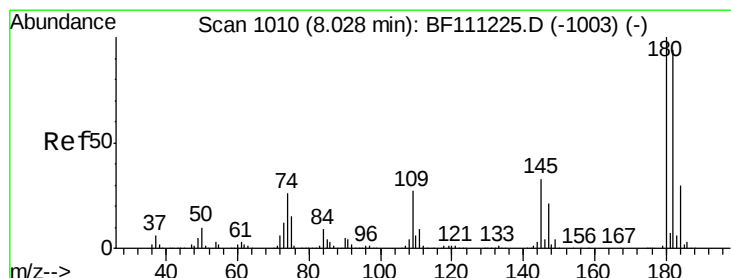
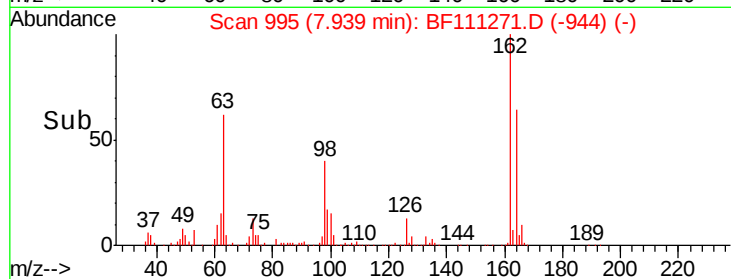
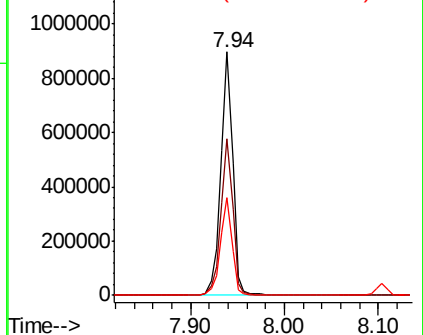
#29
2,4-Dichlorophenol
Concen: 38.832 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.4	84.4
98	40.1	20.3	60.3

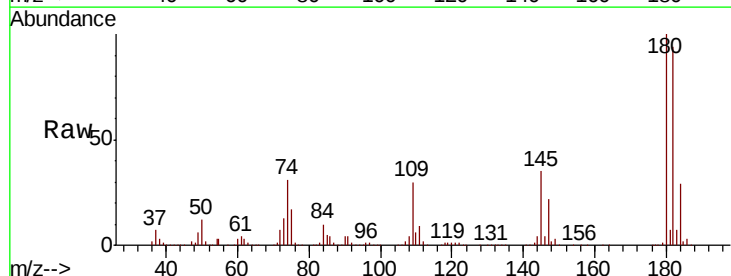


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

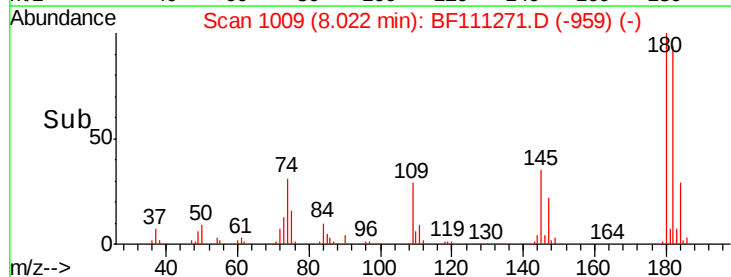
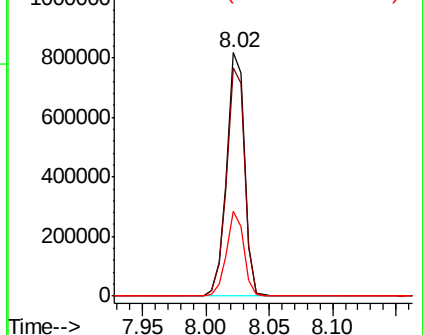


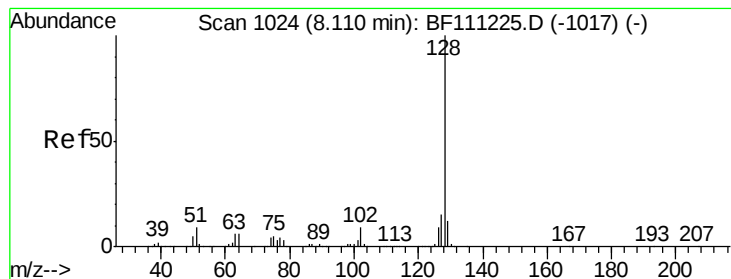
#30
1,2,4-Trichlorobenzene
Concen: 39.293 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.6	113.4
145	34.9	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: 41.547 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

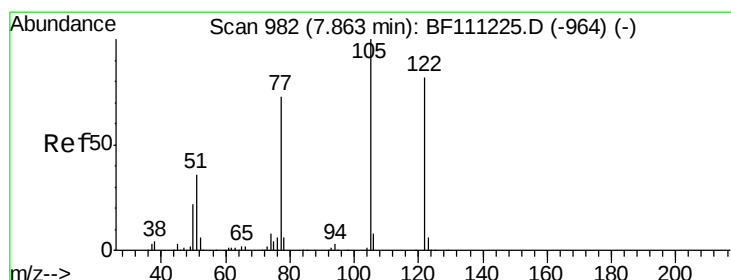
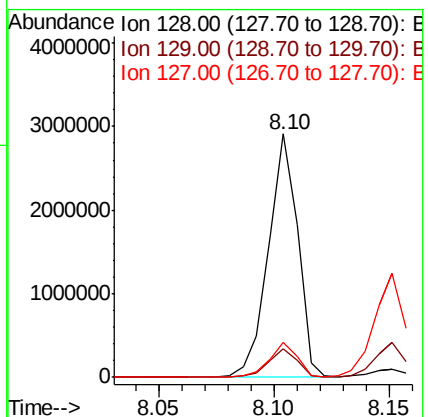
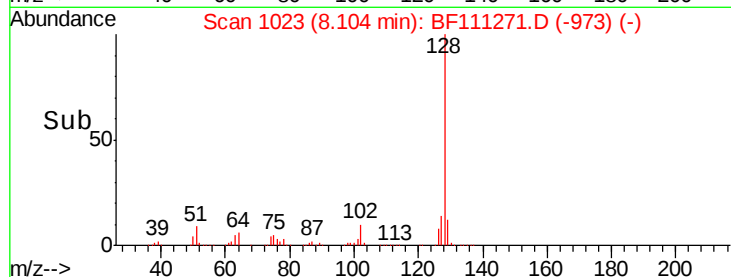
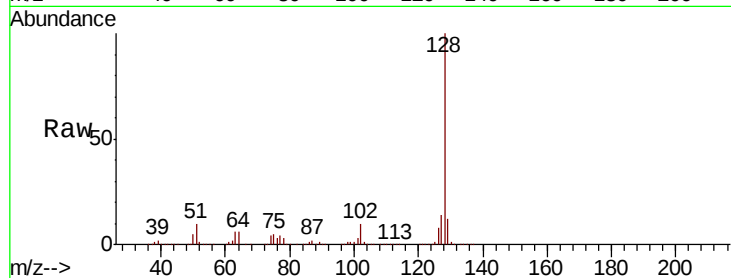
Tot Ion:128 Resp: 2569325

Ion Ratio Lower Upper

128 100

129 11.9 9.8 14.8

127 14.4 12.0 18.0



#32

Benzoic acid

Concen: 32.390 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

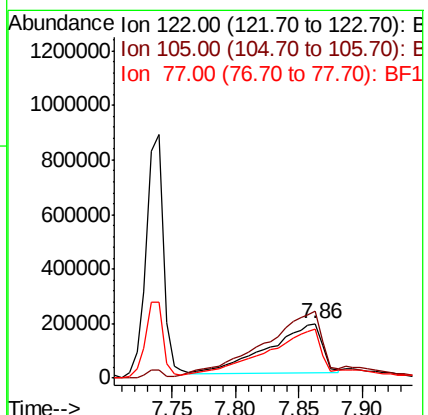
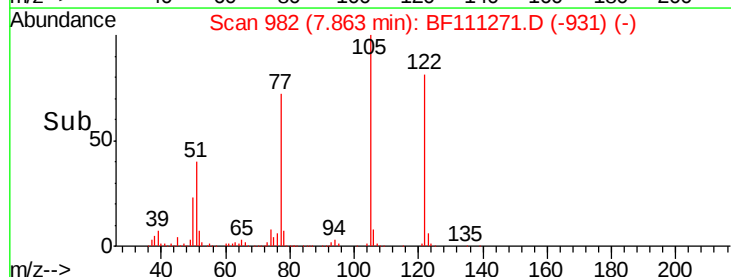
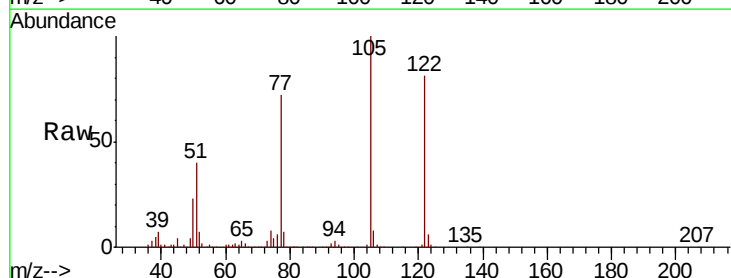
Tgt Ion:122 Resp: 540682

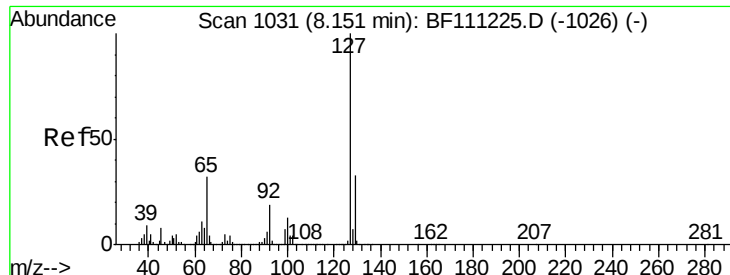
Ion Ratio Lower Upper

122 100

105 124.0 97.0 137.0

77 89.8 65.7 105.7

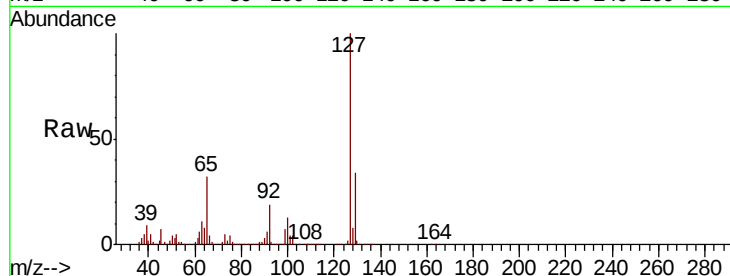




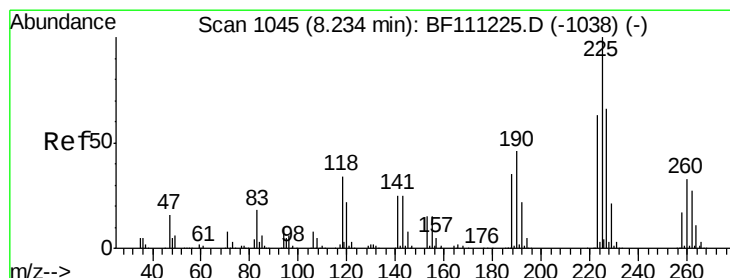
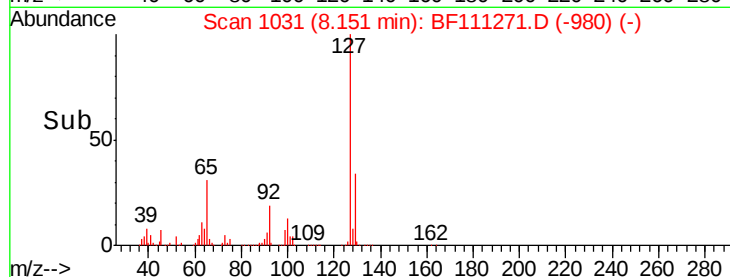
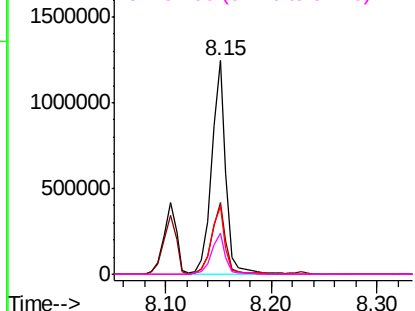
#33
4-Chloroaniline
Concen: 39.843 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1183434
Ion Ratio Lower Upper
127 100
129 33.6 26.6 39.8
65 31.6 25.7 38.5
92 19.4 15.4 23.2

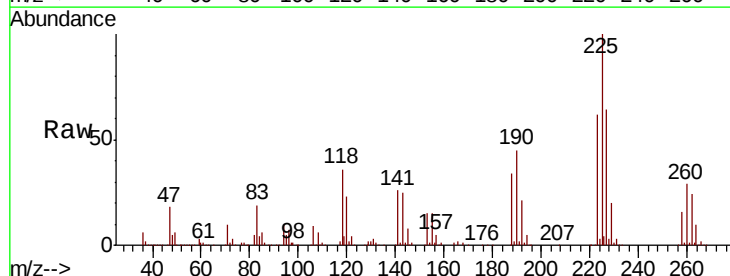


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

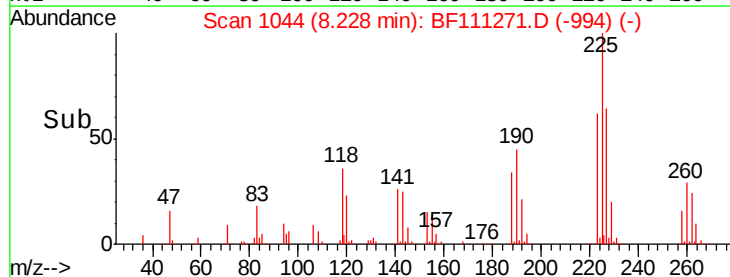
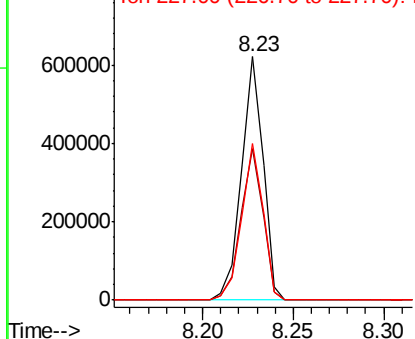


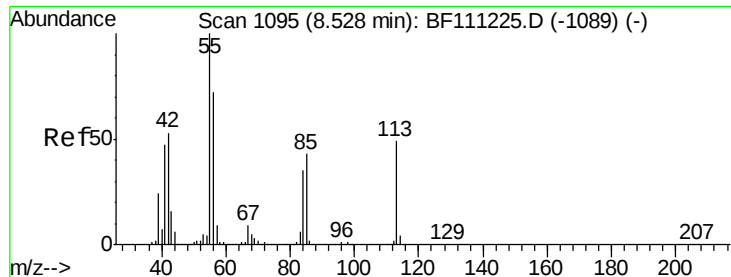
#34
Hexachlorobutadiene
Concen: 45.792 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion:225 Resp: 513932
Ion Ratio Lower Upper
225 100
223 62.5 50.7 76.1
227 64.2 52.6 78.8



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

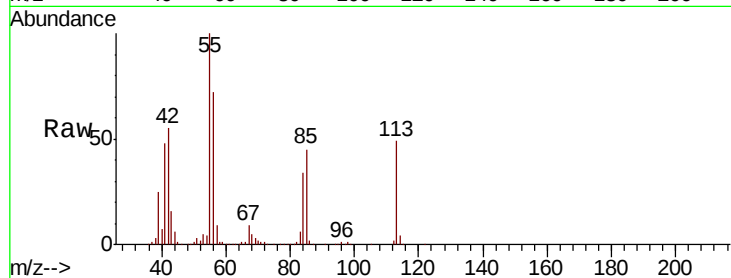




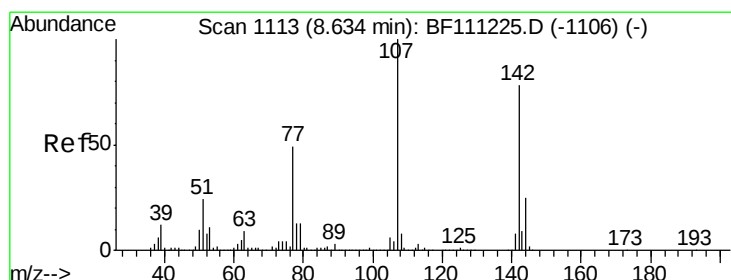
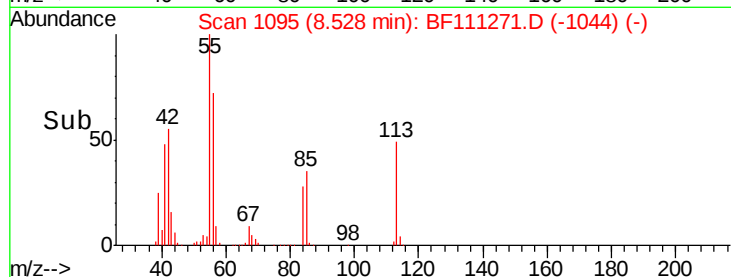
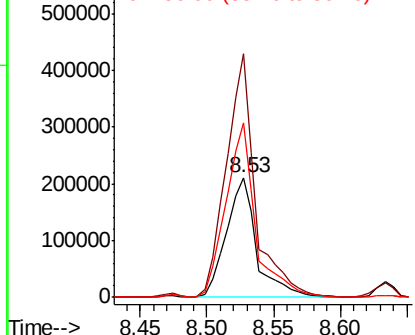
#35
 Caprolactam
 Concen: 45.884 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 335600
 Ion Ratio Lower Upper
 113 100
 55 203.5 184.1 224.1
 56 146.2 126.0 166.0

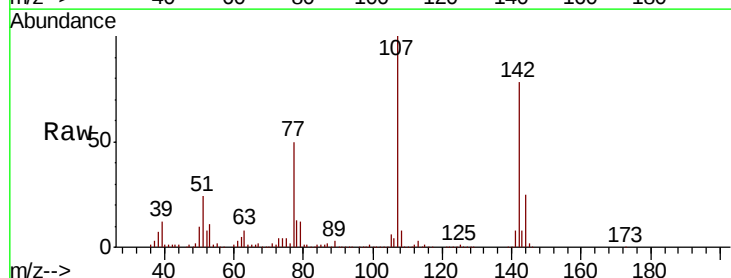


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

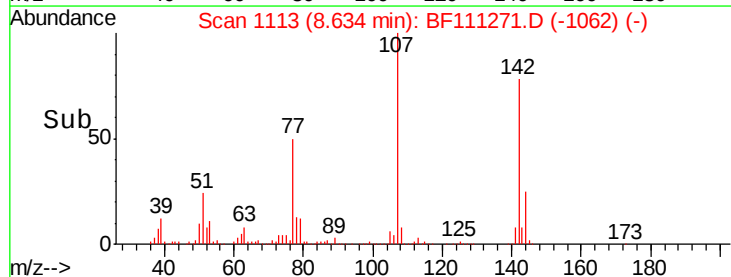
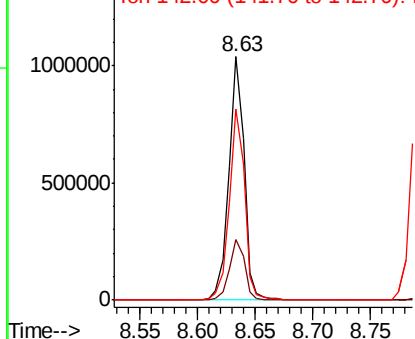


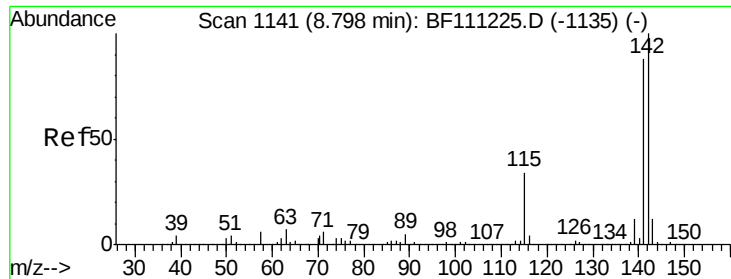
#36
 4-Chloro-3-methylphenol
 Concen: 45.229 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

Tgt Ion:107 Resp: 955833
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.8 29.6
 142 78.4 62.3 93.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

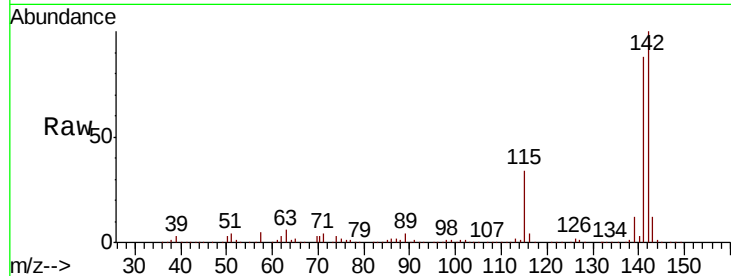




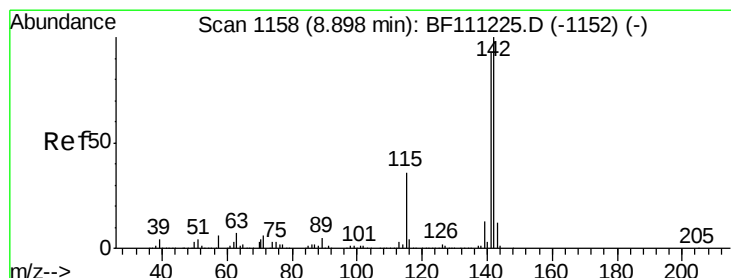
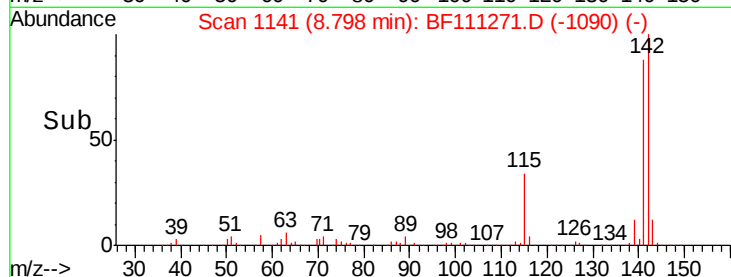
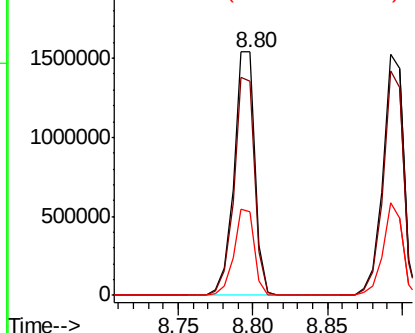
#37
2-Methylnaphthalene
Concen: 36.992 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1518798
Ion Ratio Lower Upper
142 100
141 88.0 70.6 105.8
115 34.1 27.0 40.6

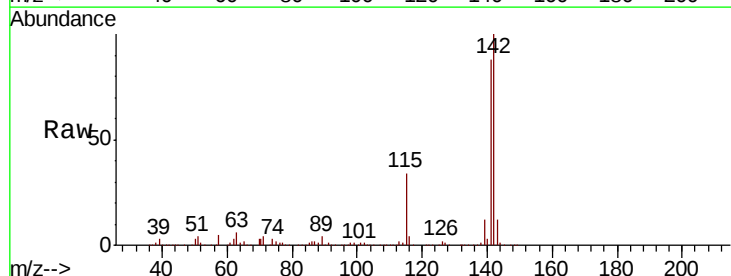


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

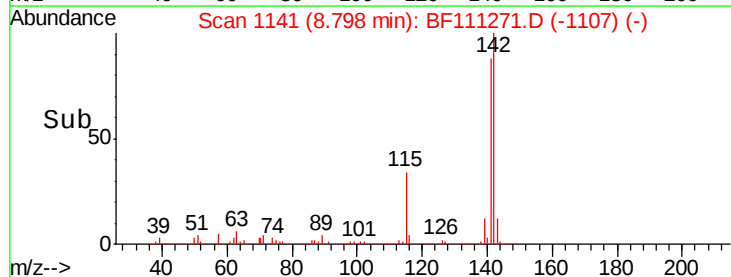
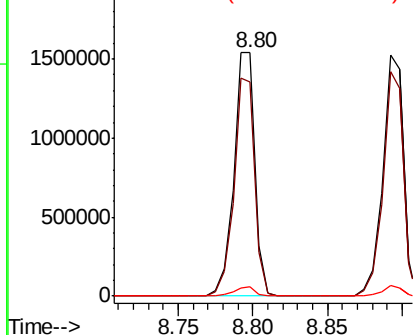


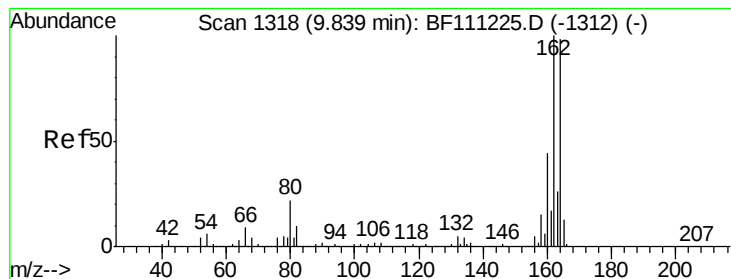
#38
1-Methylnaphthalene
Concen: 37.774 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.10 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion:142 Resp: 1518798
Ion Ratio Lower Upper
142 100
141 88.0 74.2 111.4
116 3.7 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: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

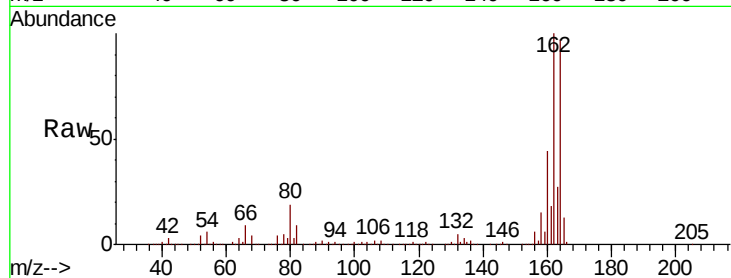
Tot Ion:164 Resp: 586958

Ion Ratio Lower Upper

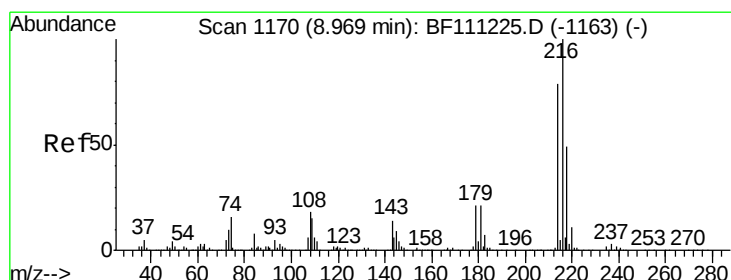
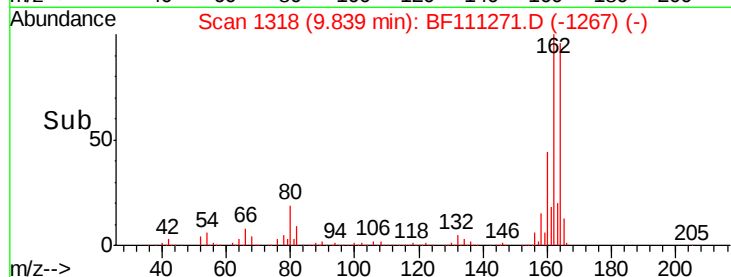
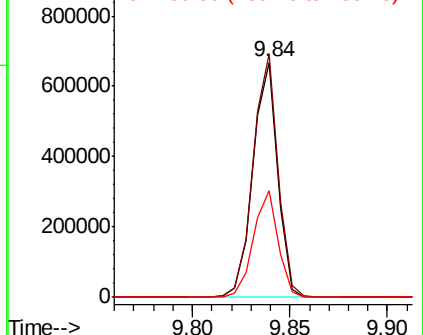
164 100

162 103.6 81.4 122.0

160 45.1 35.7 53.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.818 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Tgt Ion:216 Resp: 633993

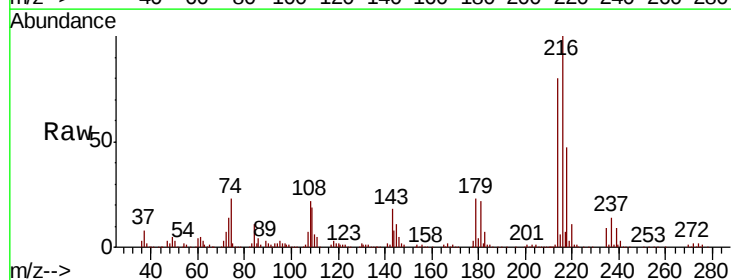
Ion Ratio Lower Upper

216 100

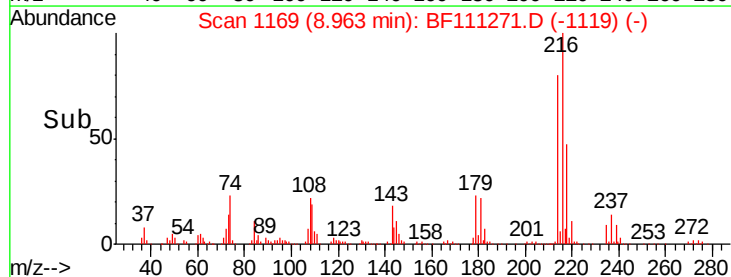
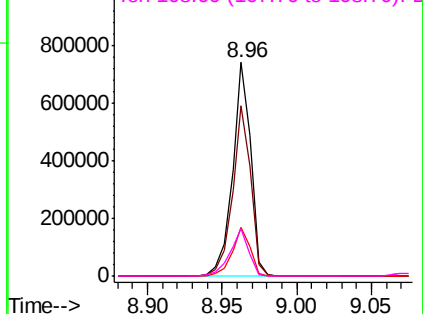
214 79.6 63.8 95.8

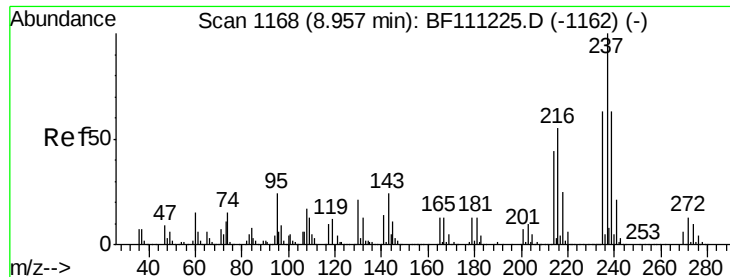
179 22.7 17.9 26.9

108 22.9 18.4 27.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.511 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

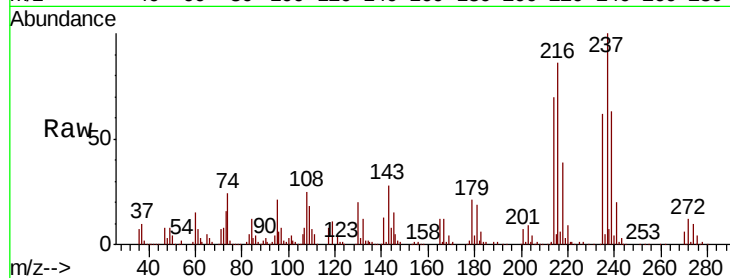
Tot Ion:237 Resp: 376802

Ion Ratio Lower Upper

237 100

235 61.9 43.1 83.1

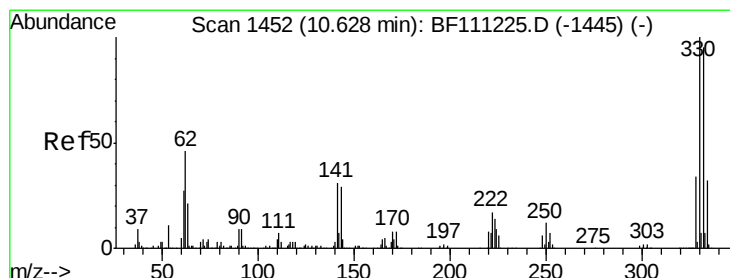
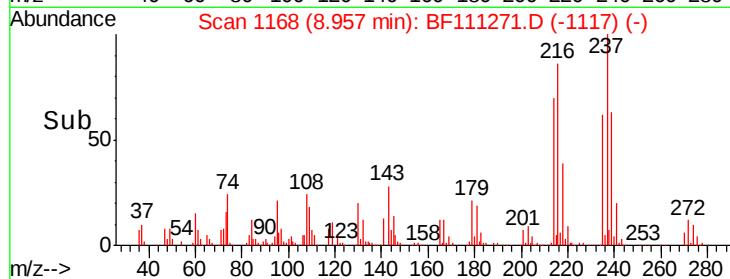
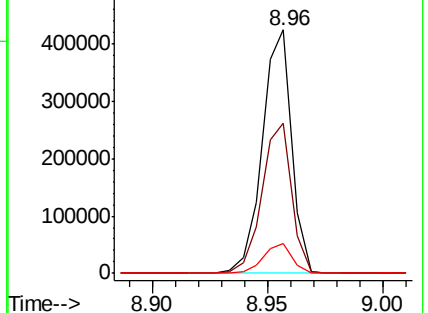
272 12.3 0.0 33.0



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: 93.680 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

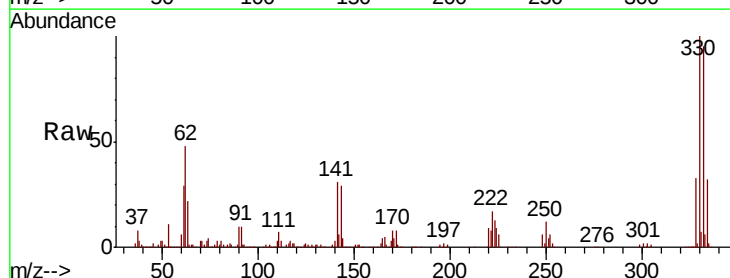
Tgt Ion:330 Resp: 487076

Ion Ratio Lower Upper

330 100

332 95.2 76.0 114.0

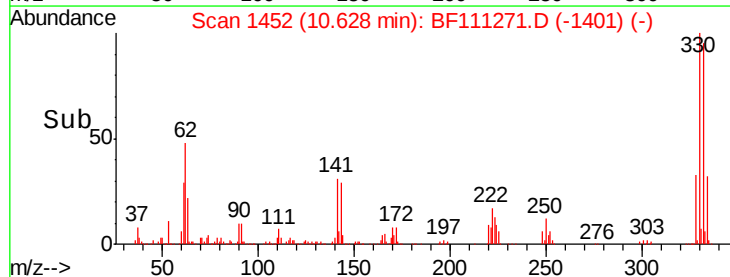
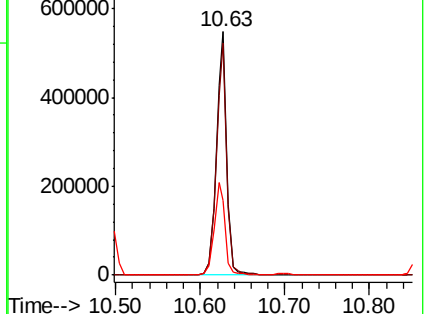
141 39.7 31.0 46.6

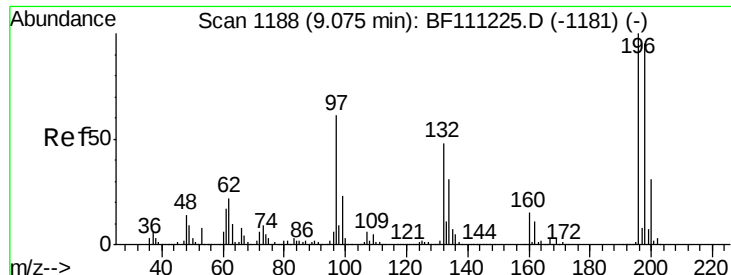


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

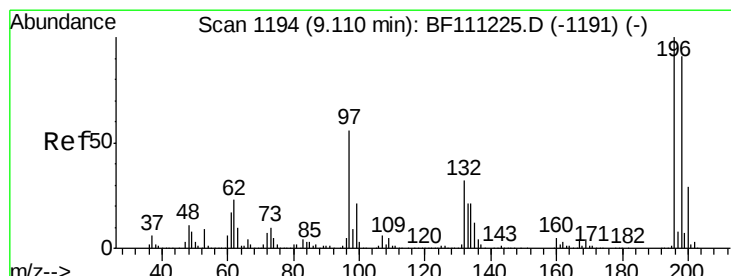
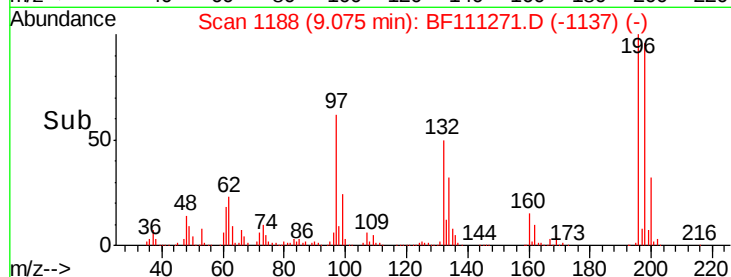
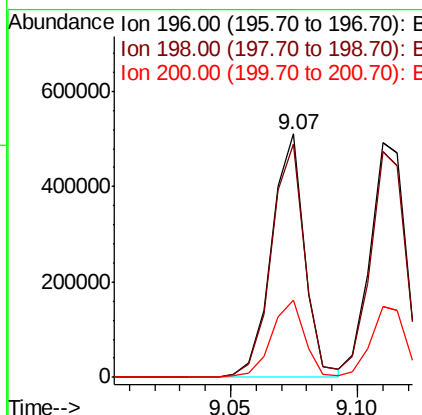
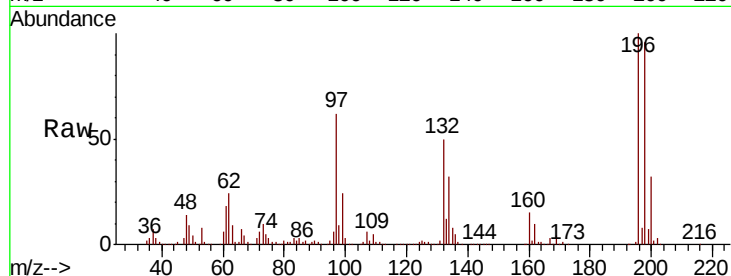




#43
 2,4,6-Trichlorophenol
 Concen: 37.508 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

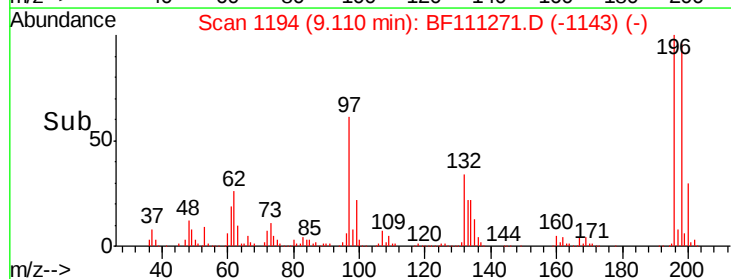
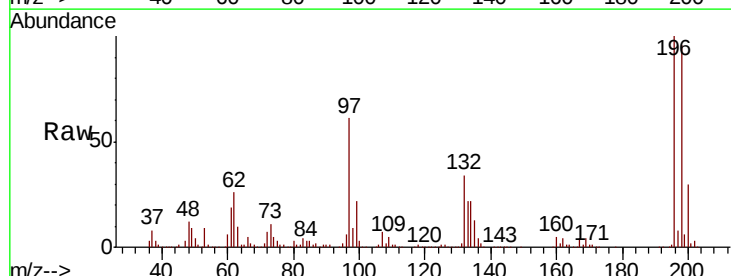
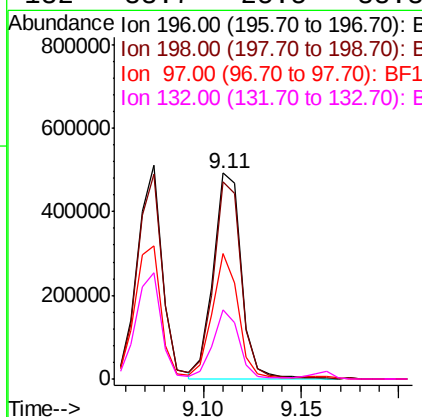
Instrument :
 BNA_F
 ClientSampled :

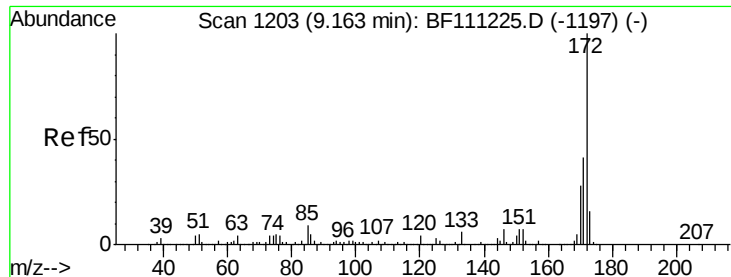
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.3	114.5
200	31.9	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 38.356 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	72.9	109.3
97	61.1	45.3	67.9
132	33.7	25.5	38.3

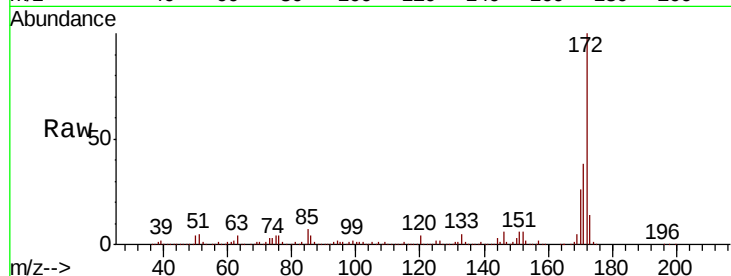




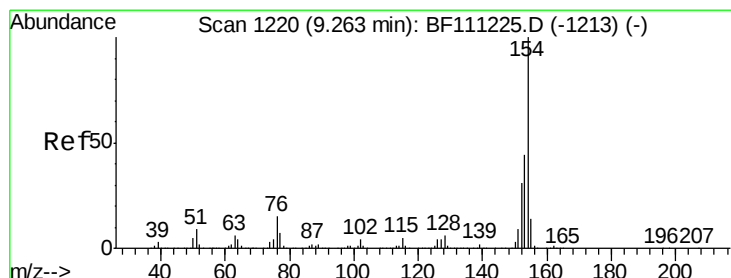
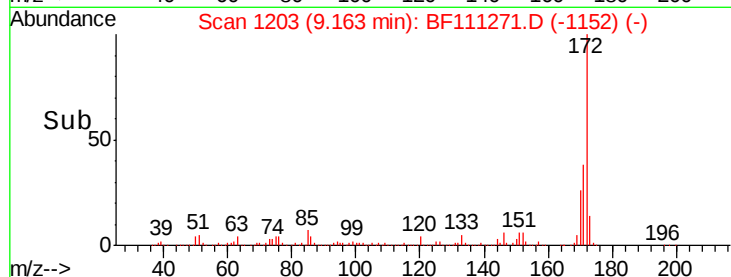
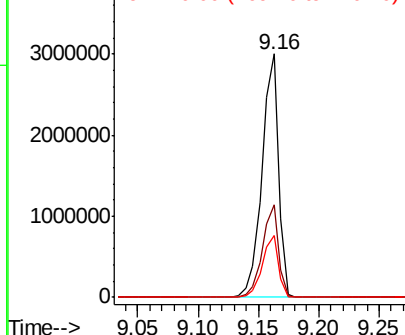
#45
2-Fluorobiphenyl
Concen: 85.664 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2885588
Ion Ratio Lower Upper
172 100
171 38.3 33.0 49.4
170 25.6 22.3 33.5

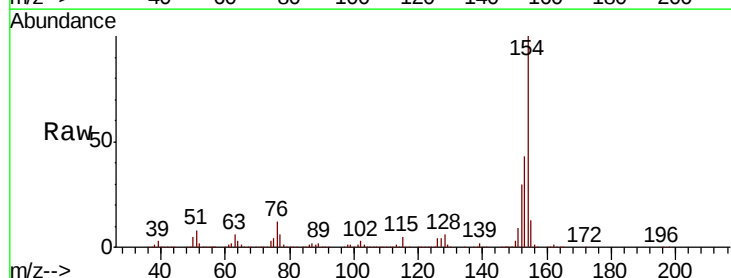


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

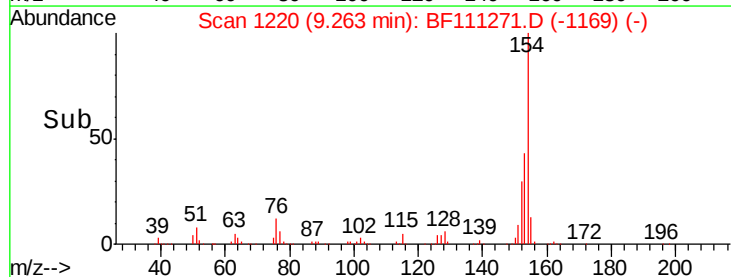
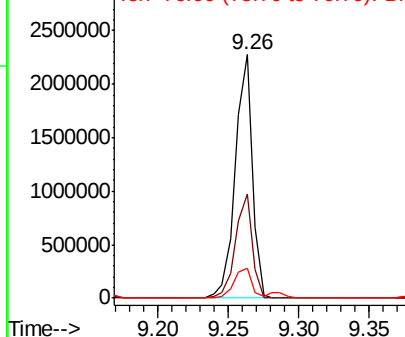


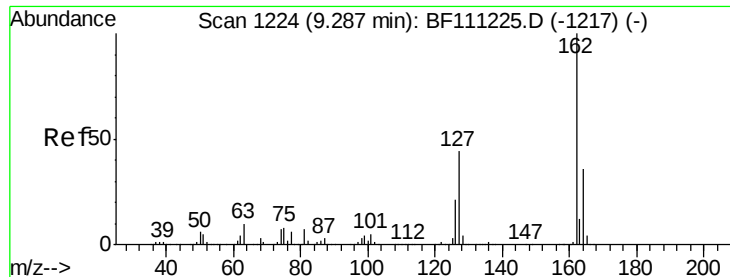
#46
1,1'-Biphenyl
Concen: 40.280 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion:154 Resp: 1918071
Ion Ratio Lower Upper
154 100
153 42.6 23.7 63.7
76 12.4 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

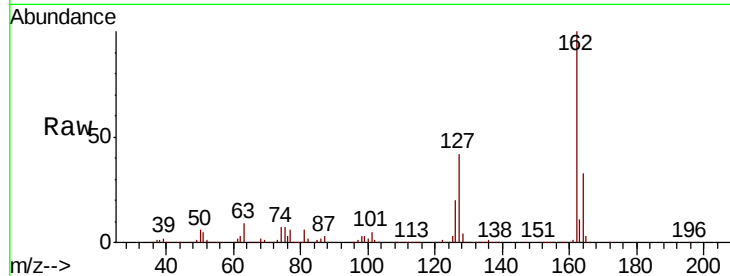




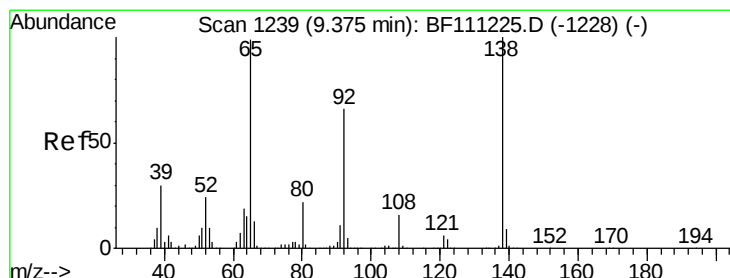
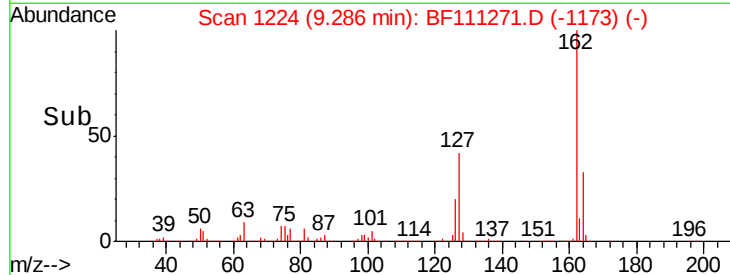
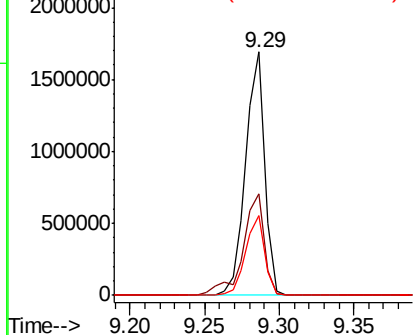
#47
 2-Chloronaphthalene
 Concen: 38.969 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1496640
 Ion Ratio Lower Upper
 162 100
 127 42.0 35.0 52.4
 164 32.9 28.4 42.6

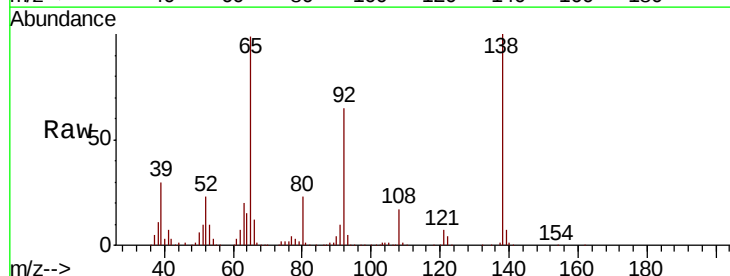


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

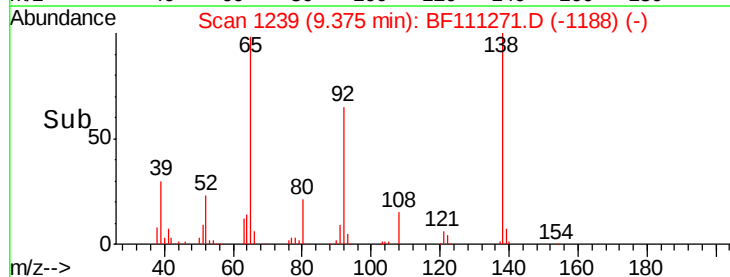
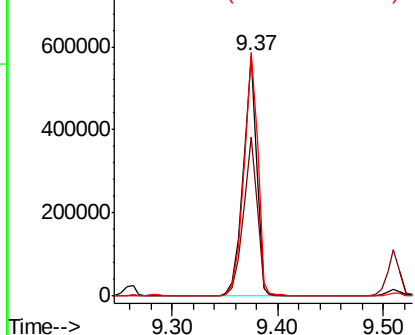


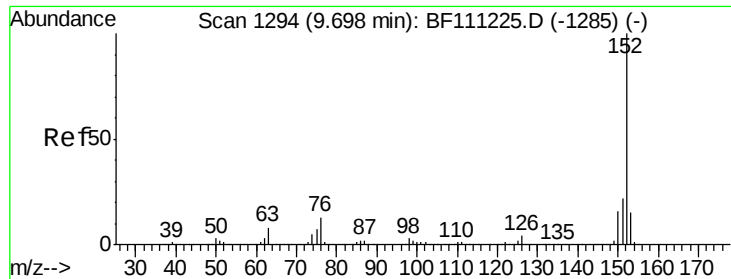
#48
 2-Nitroaniline
 Concen: 38.473 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

Tgt Ion: 65 Resp: 504038
 Ion Ratio Lower Upper
 65 100
 92 66.1 53.5 80.3
 138 101.4 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: 39.628 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

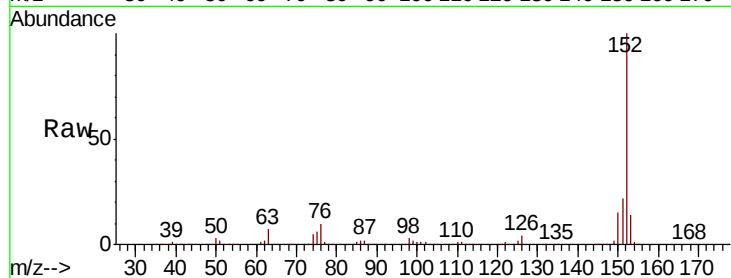
Tot Ion:152 Resp: 2209446

Ion Ratio Lower Upper

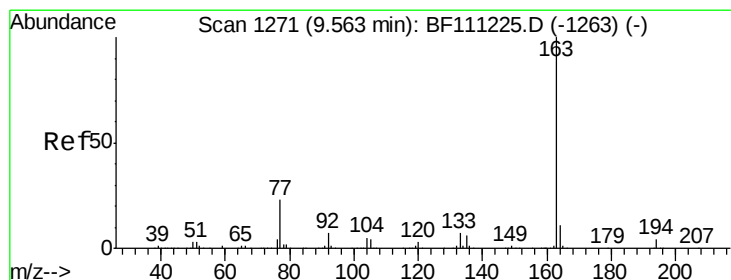
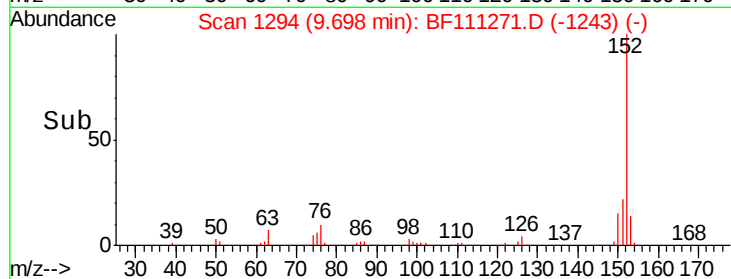
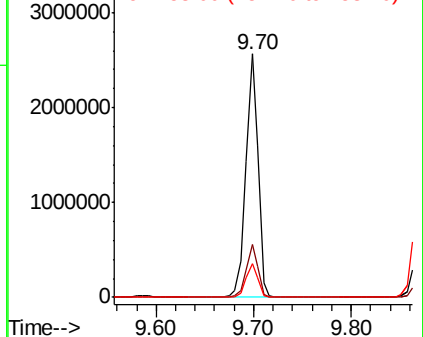
152 100

151 21.6 18.0 27.0

153 14.1 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: 37.967 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

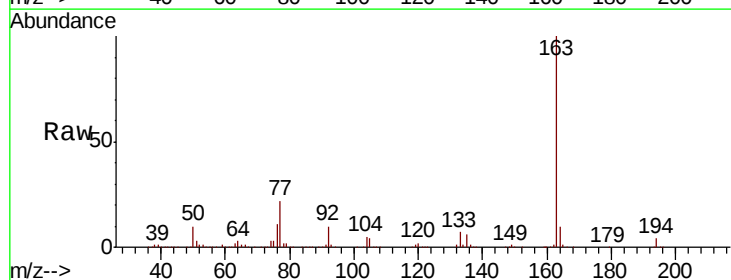
Tgt Ion:163 Resp: 1644313

Ion Ratio Lower Upper

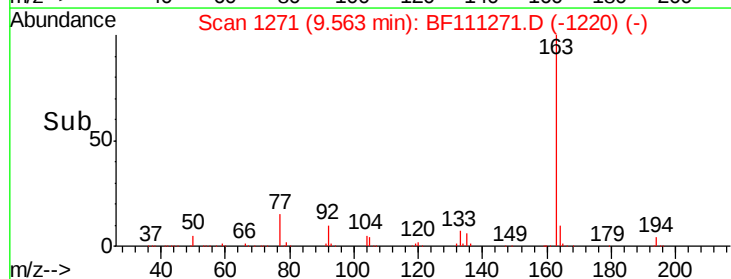
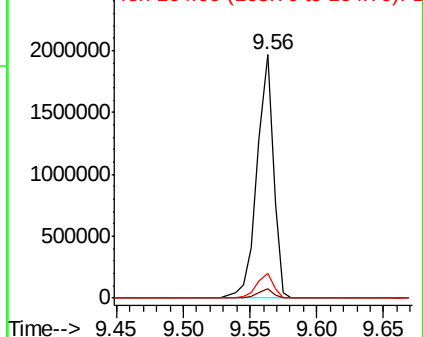
163 100

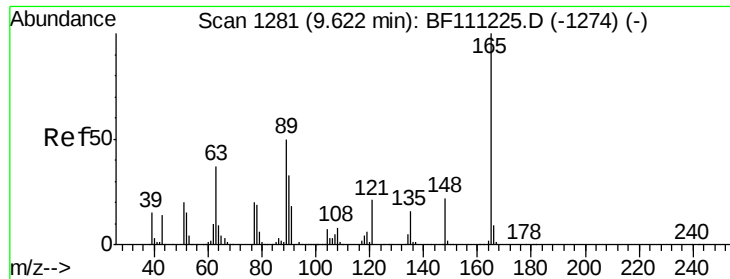
194 3.9 3.0 4.6

164 10.2 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: 38.453 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

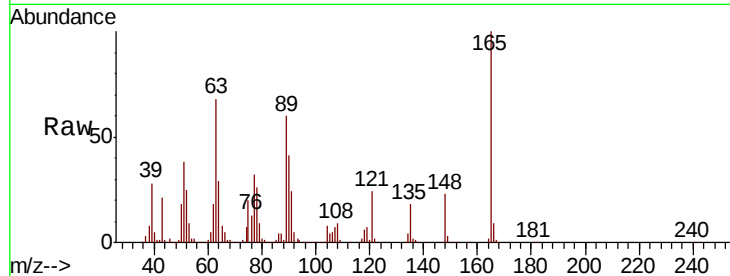
Tot Ion:165 Resp: 367784

Ion Ratio Lower Upper

165 100

63 67.6 40.5 60.7#

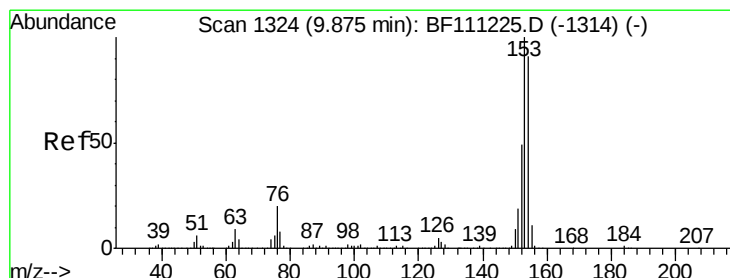
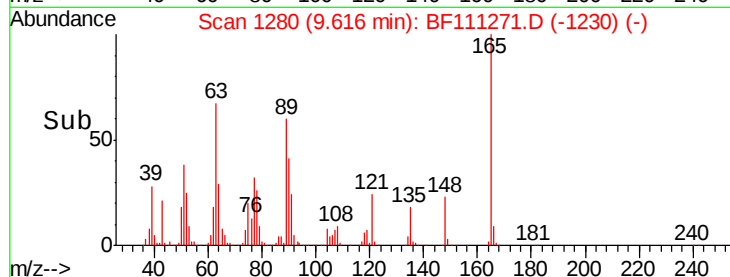
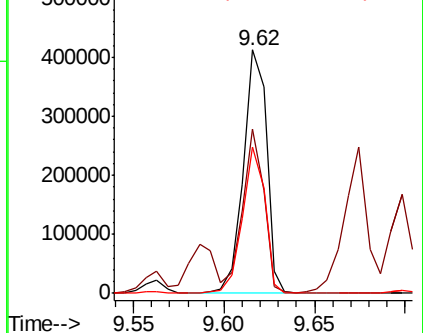
89 60.2 40.0 60.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.908 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

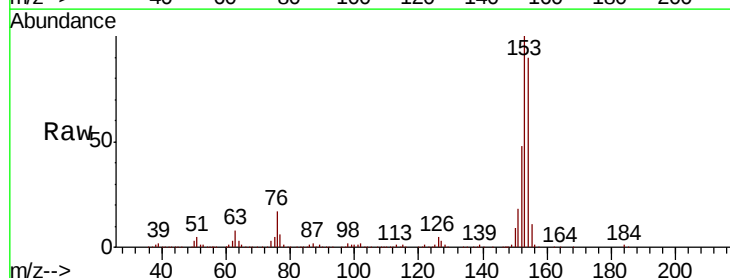
Tgt Ion:154 Resp: 1396312

Ion Ratio Lower Upper

154 100

153 111.7 87.8 131.8

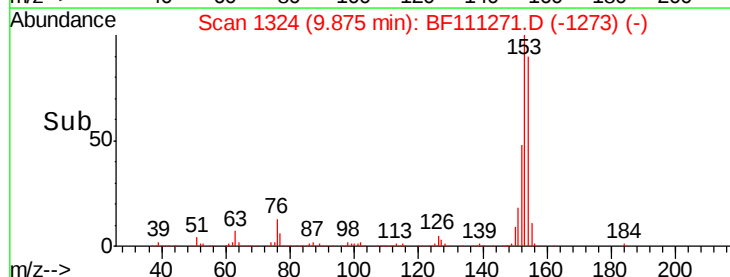
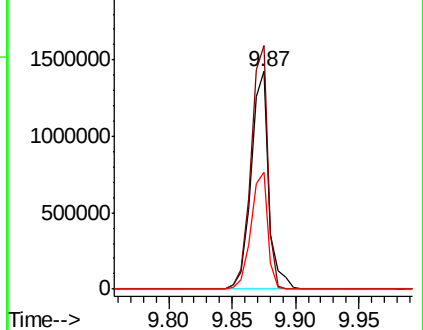
152 53.7 43.4 65.2

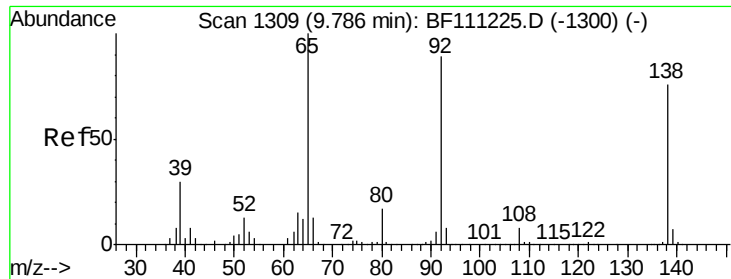


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

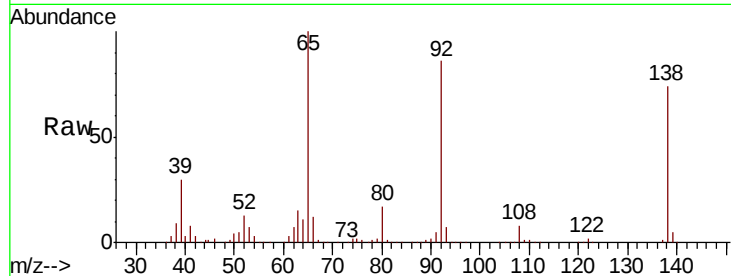




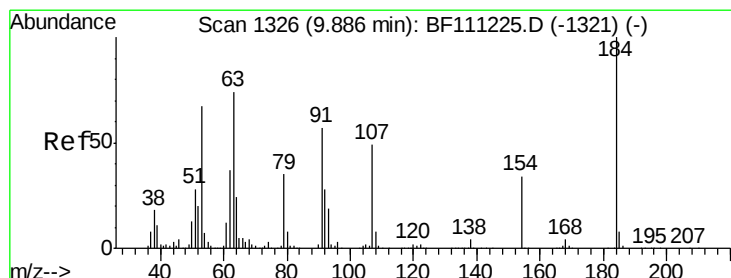
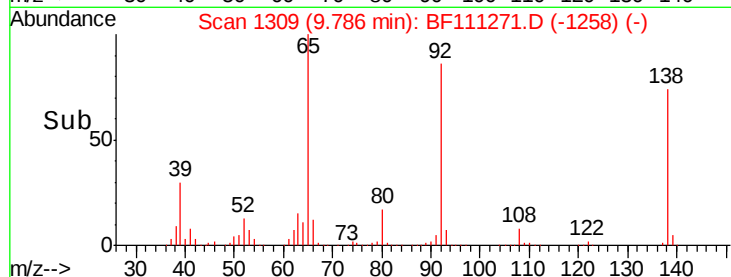
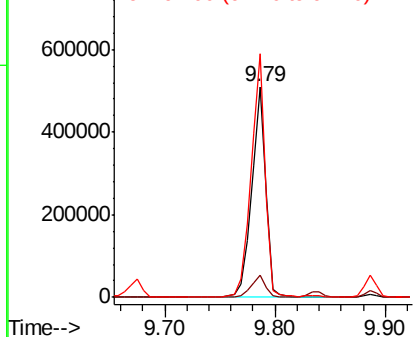
#53
3-Nitroaniline
Concen: 38.724 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 457154
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.4
92 115.6 93.4 140.2

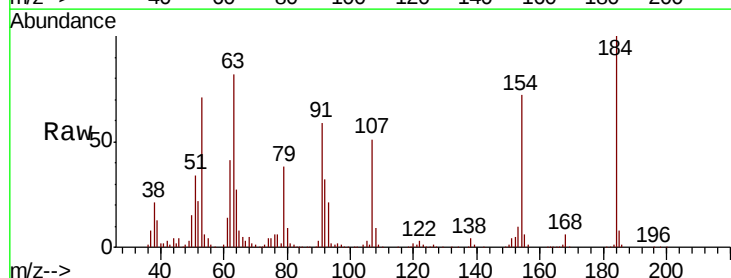


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

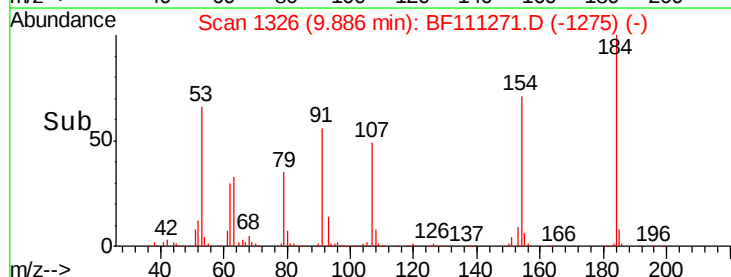
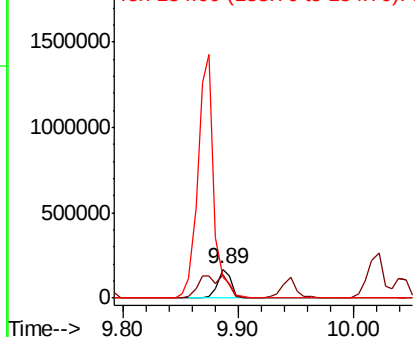


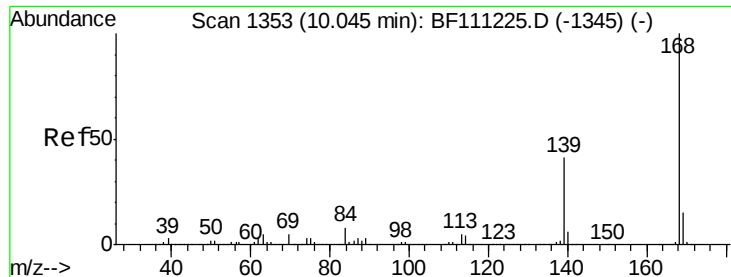
#54
2,4-Dinitrophenol
Concen: 37.922 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion:184 Resp: 143327
Ion Ratio Lower Upper
184 100
63 82.2 62.3 93.5
154 71.6 56.2 84.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

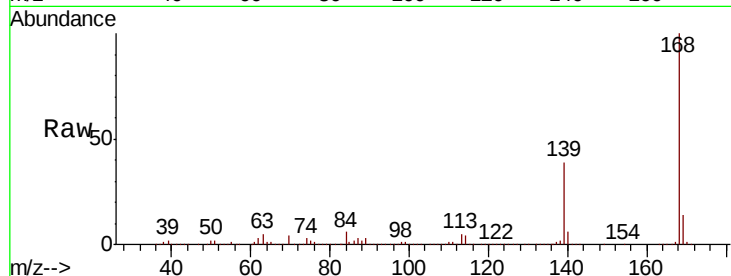




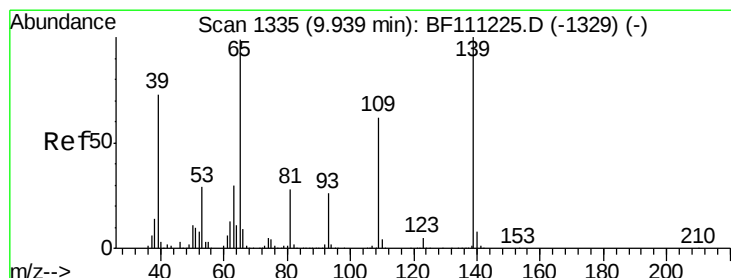
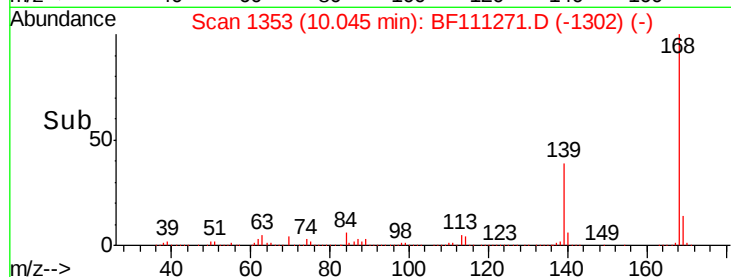
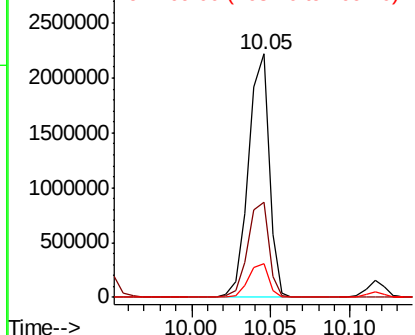
#55
Dibenzenofuran
Concen: 42.334 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2015113
Ion Ratio Lower Upper
168 100
139 39.3 32.6 49.0
169 13.6 11.8 17.6

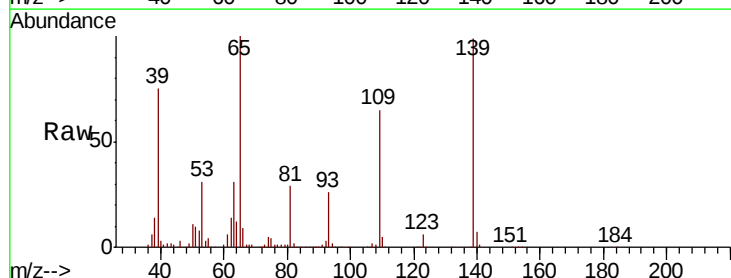


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

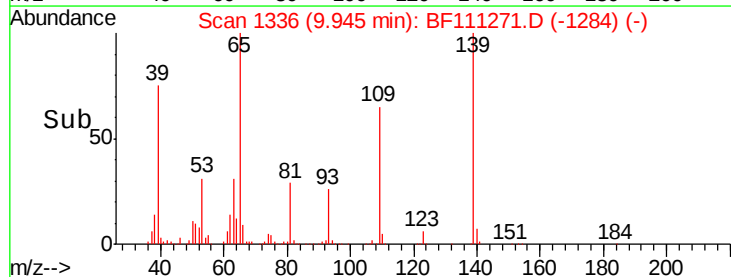
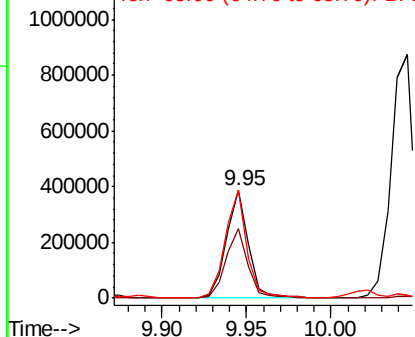


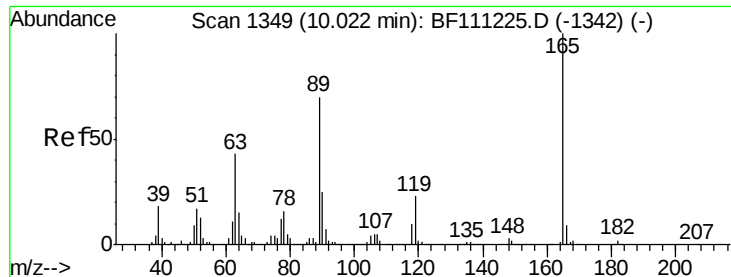
#56
4-Nitrophenol
Concen: 38.354 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion:139 Resp: 352646
Ion Ratio Lower Upper
139 100
109 65.3 41.8 81.8
65 100.6 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

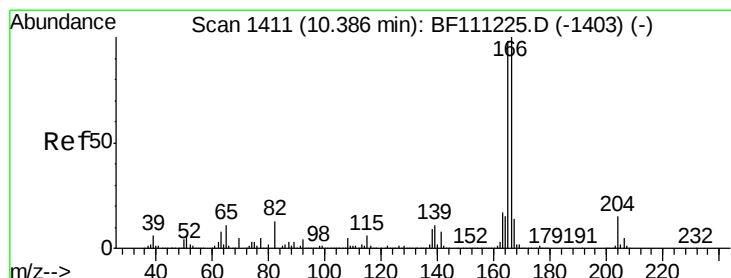
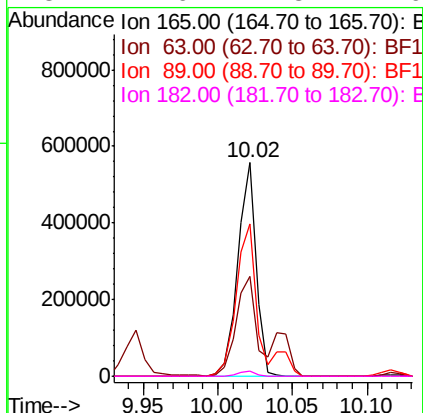
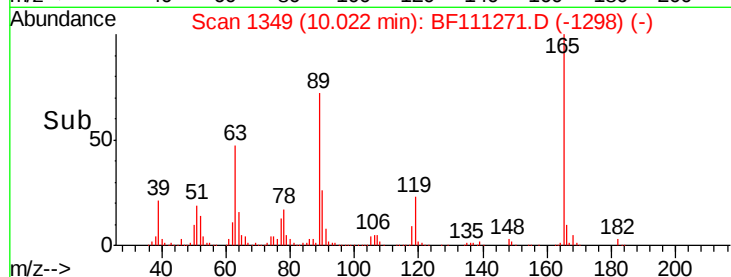
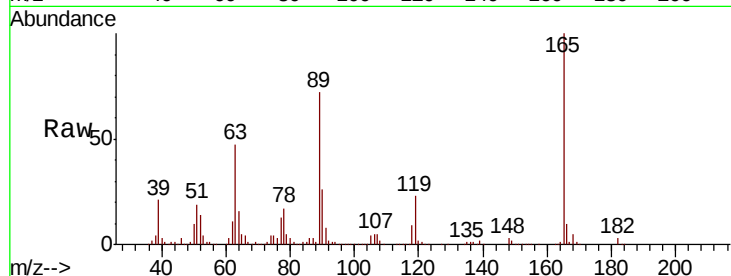




#57
2,4-Dinitrotoluene
Concen: 40.971 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

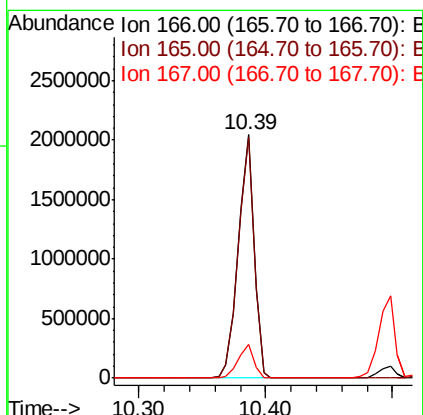
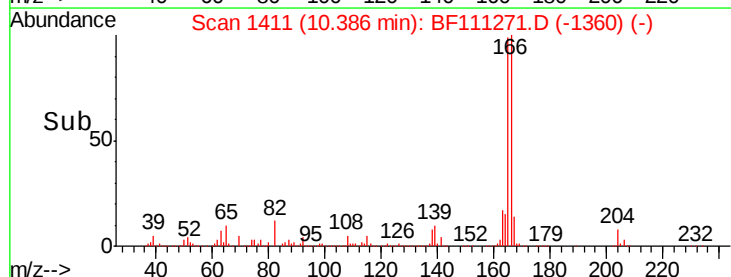
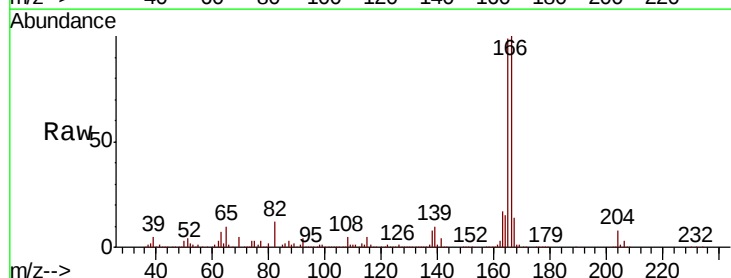
Instrument :
BNA_F
ClientSampleId :

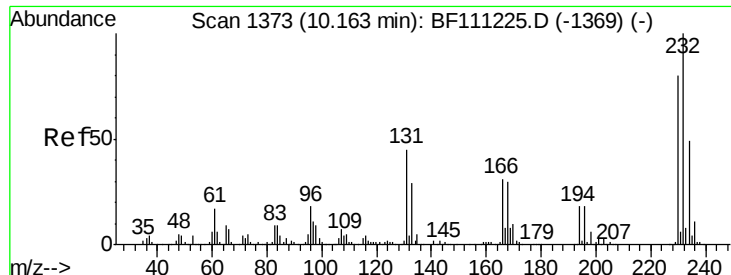
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.0	34.6	52.0
89	71.5	56.2	84.4
182	2.6	1.8	2.6



#58
Fluorene
Concen: 47.588 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.4	117.6
167	13.7	11.2	16.8

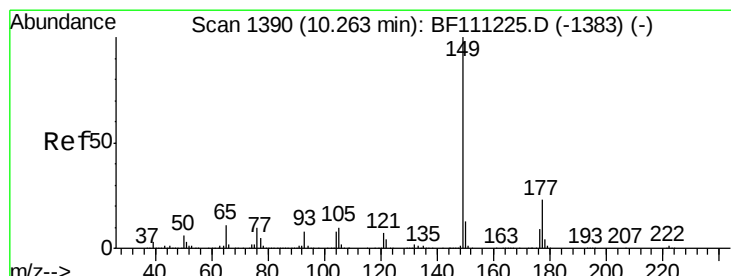
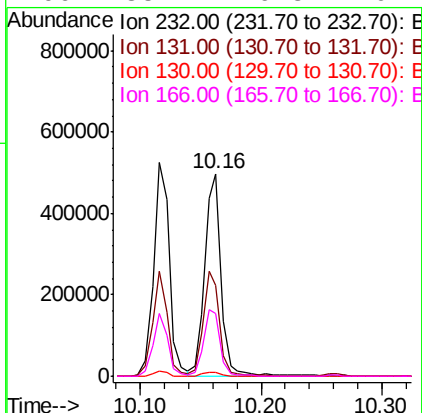
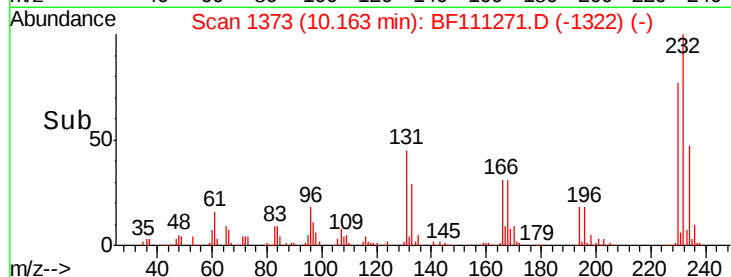
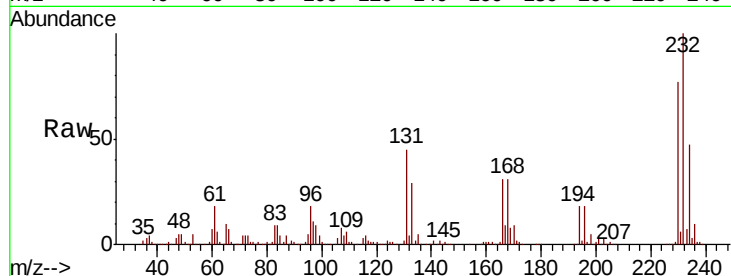




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.094 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

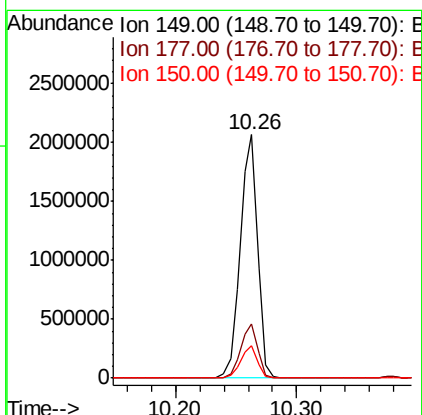
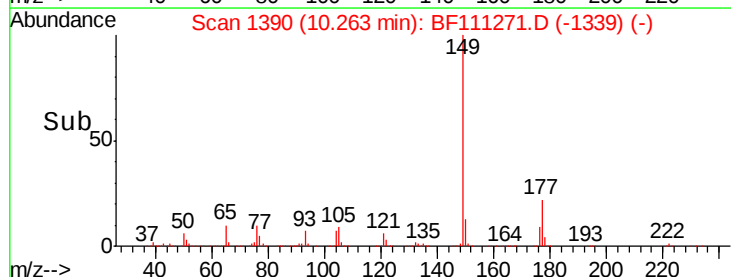
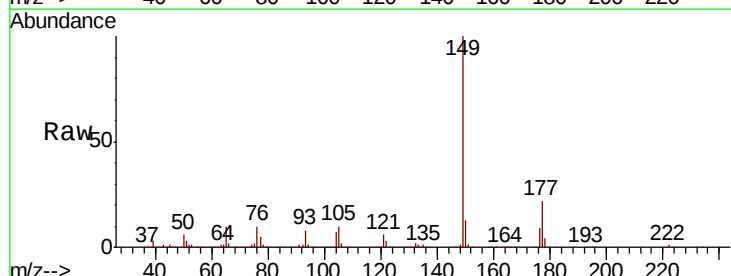
Instrument :
 BNA_F
 ClientSampleId :

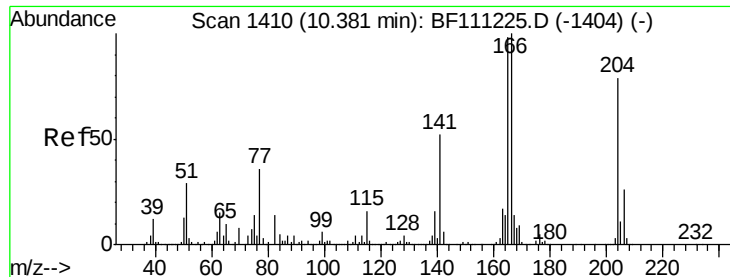
Tot Ion	Ratio	Lower	Upper
232	100		
131	51.5	40.9	61.3
130	2.3	2.0	3.0
166	33.4	26.8	40.2



#60
 Diethylphthalate
 Concen: 50.045 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.3	27.5
150	13.2	10.6	15.8

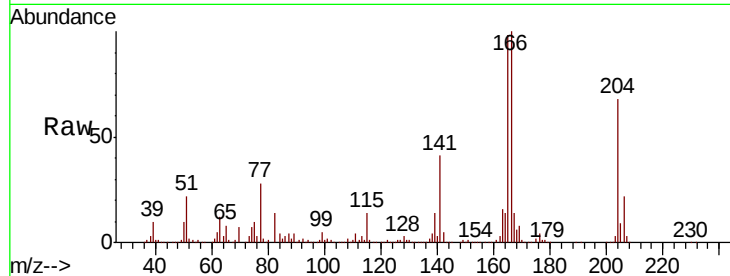




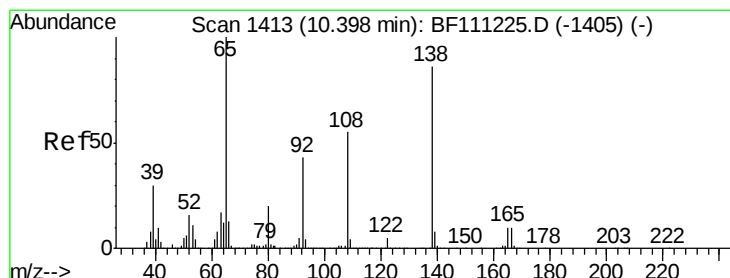
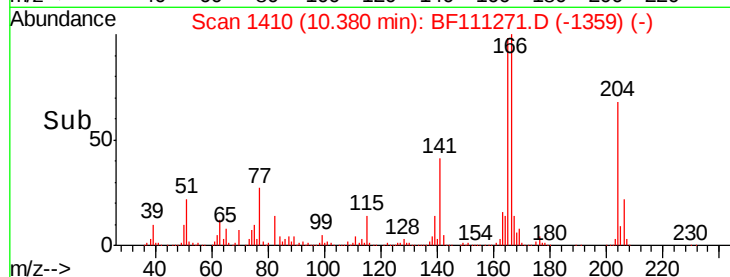
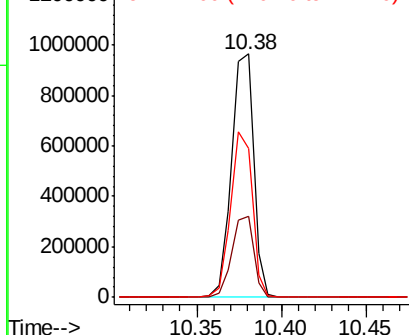
#61
4-Chlorophenyl-phenylether
Concen: 47.970 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 877317
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 61.2 52.6 78.8

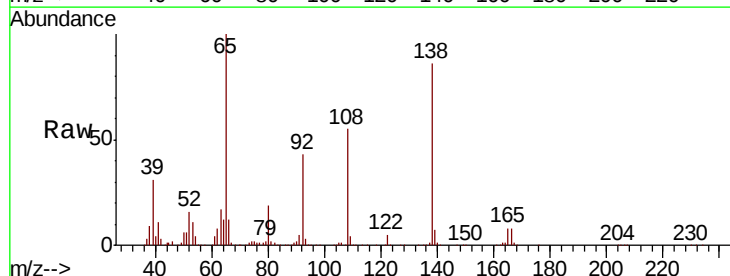


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

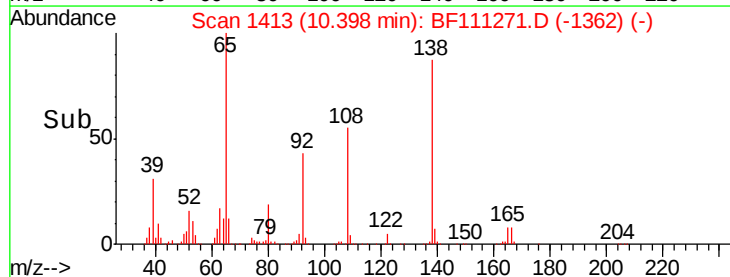
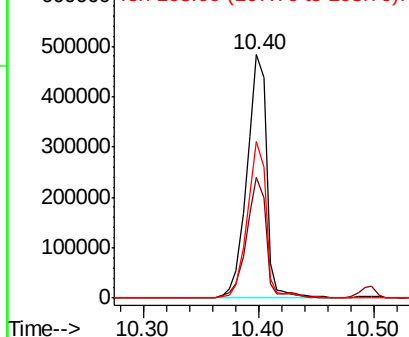


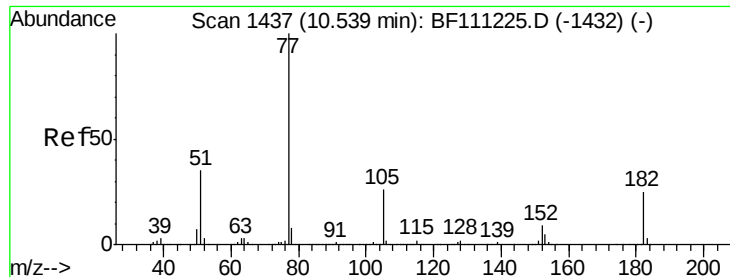
#62
4-Nitroaniline
Concen: 51.157 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion:138 Resp: 571440
Ion Ratio Lower Upper
138 100
92 49.7 29.9 69.9
108 64.2 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: 47.689 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2044318

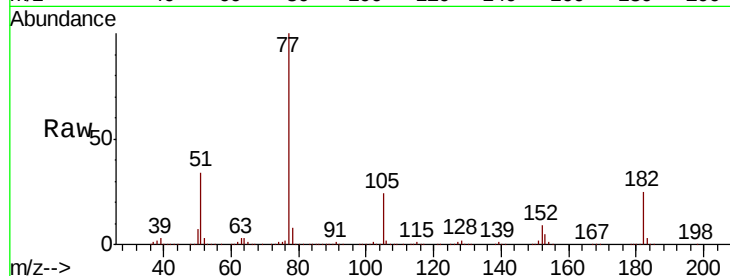
Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.9	44.9
105	24.5	6.0	46.0
51	33.7	14.7	54.7

77 100

182 24.8 4.9 44.9

105 24.5 6.0 46.0

51 33.7 14.7 54.7

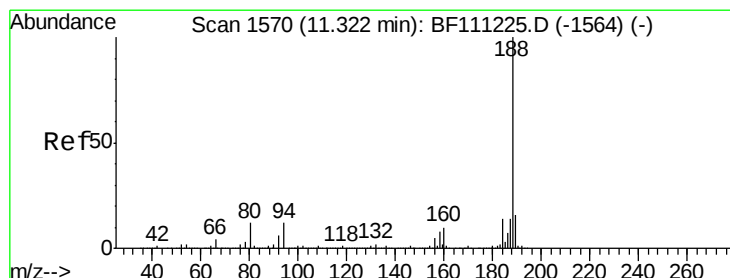
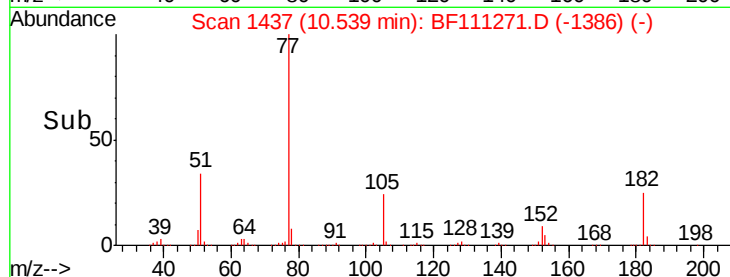
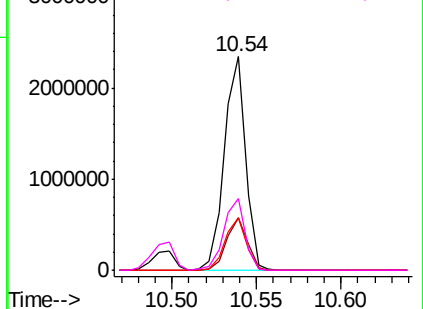


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

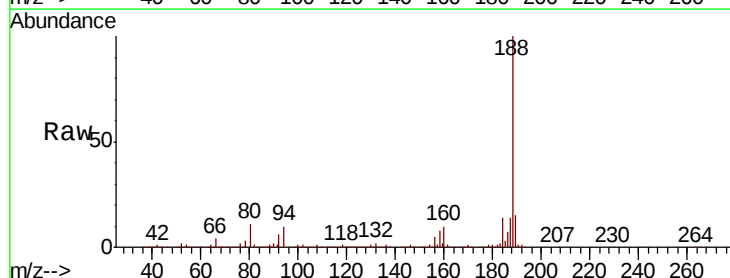
Tgt Ion: 188 Resp: 1116150

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.6	14.4
80	10.7	9.8	14.6

188 100

94 10.2 9.6 14.4

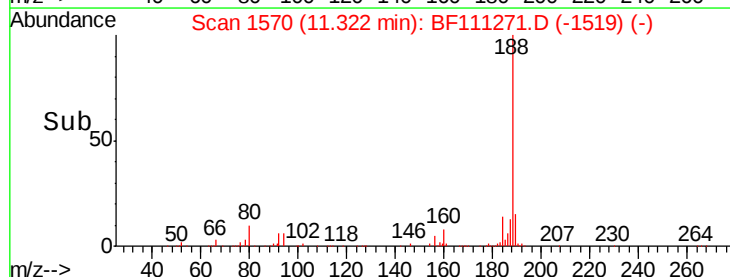
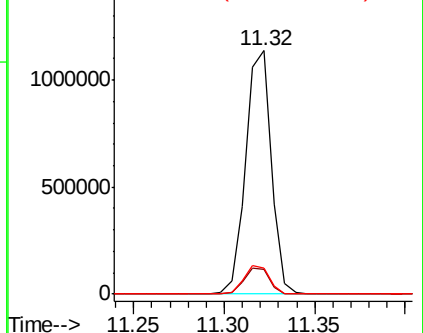
80 10.7 9.8 14.6

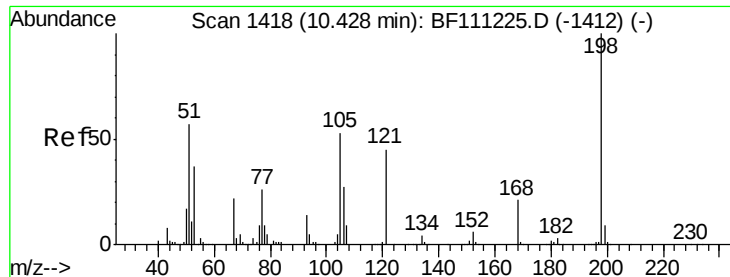


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

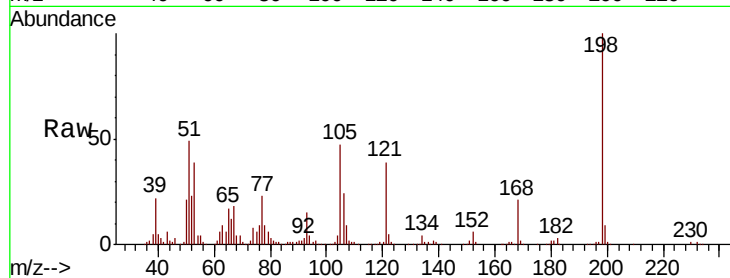




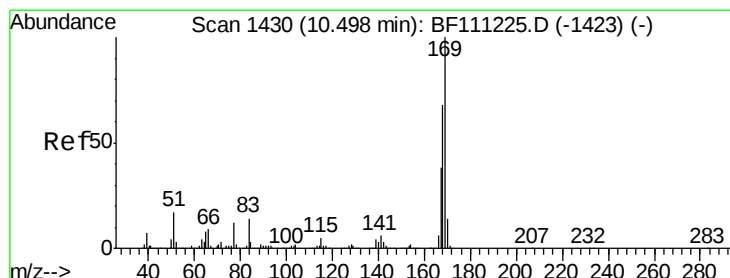
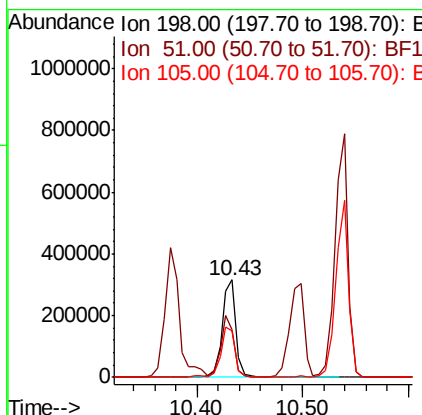
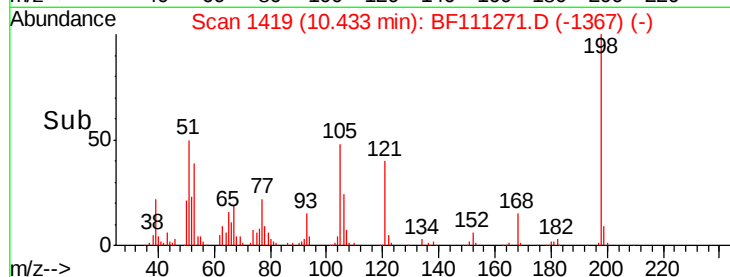
#65
4,6-Dinitro-2-methylphenol
Concen: 43.294 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 285417
Ion Ratio Lower Upper
198 100
51 49.2 48.0 88.0
105 47.4 34.0 74.0

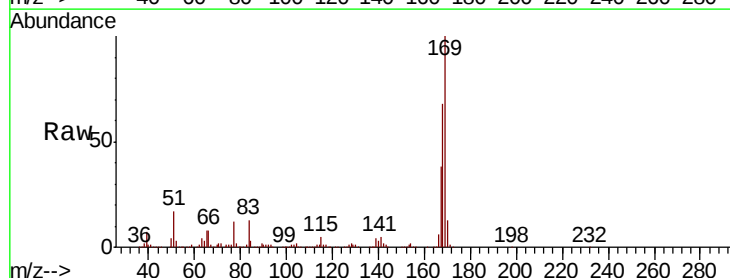


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

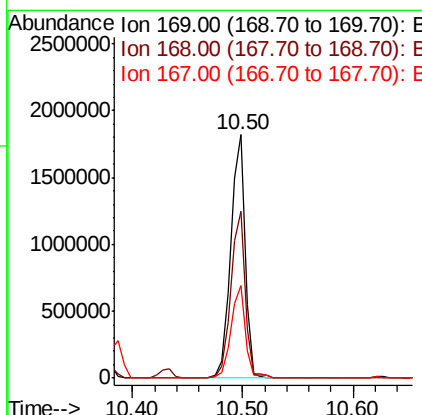
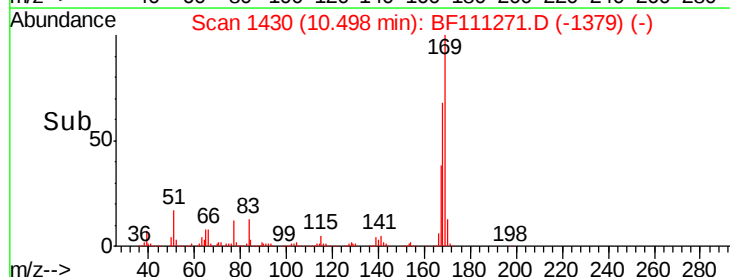


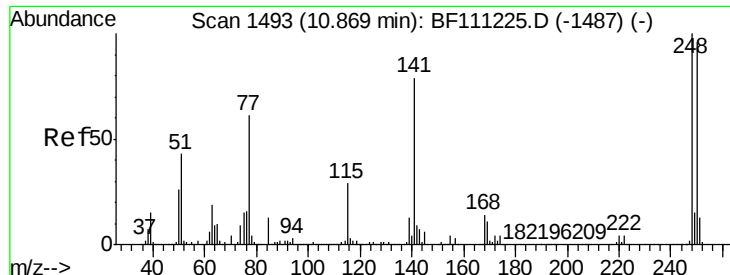
#66
n-Nitrosodiphenylamine
Concen: 43.946 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion:169 Resp: 1669700
Ion Ratio Lower Upper
169 100
168 68.3 54.4 81.6
167 38.1 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

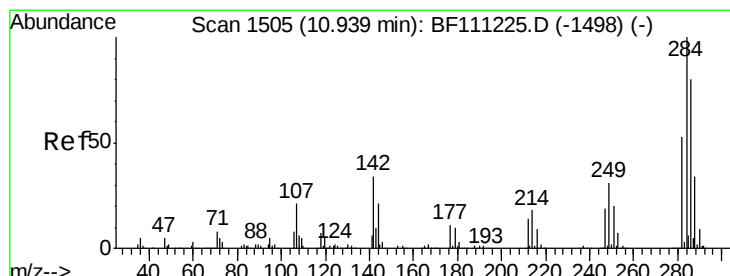
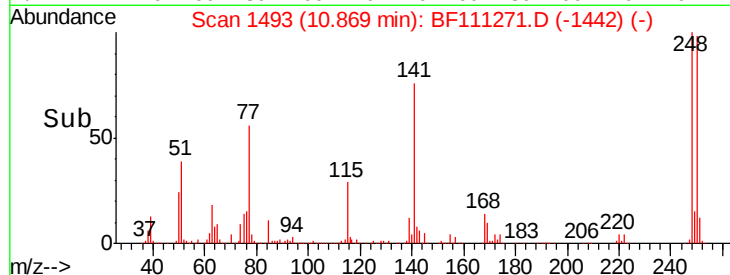
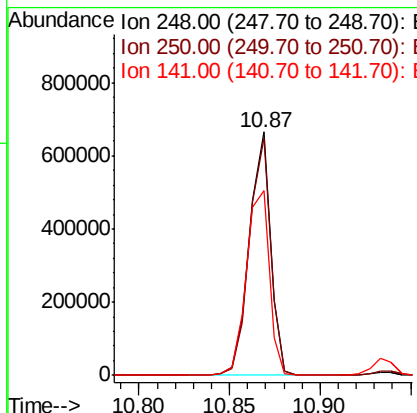
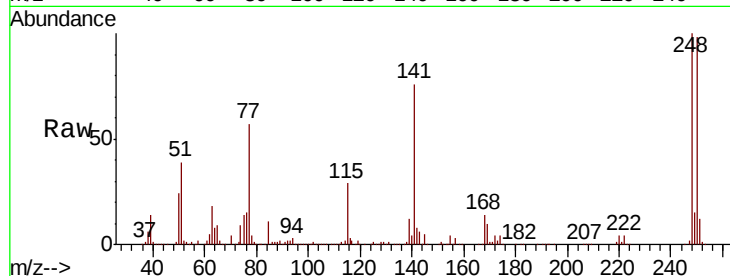




#67
 4-Bromophenyl-phenylether
 Concen: 44.531 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

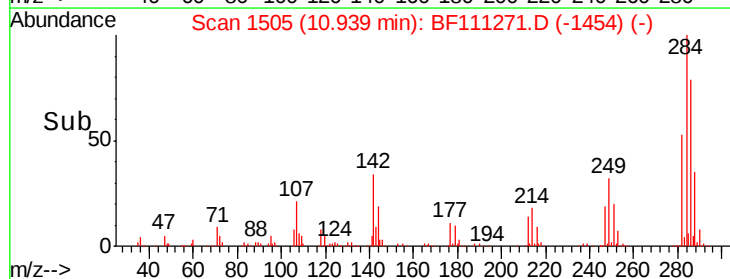
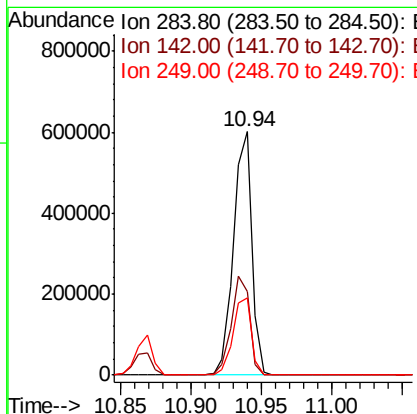
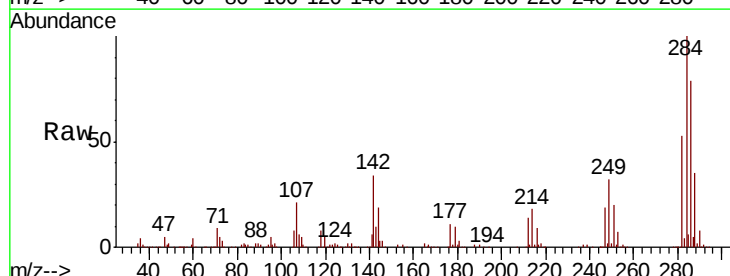
Instrument :
 BNA_F
 ClientSampleId :

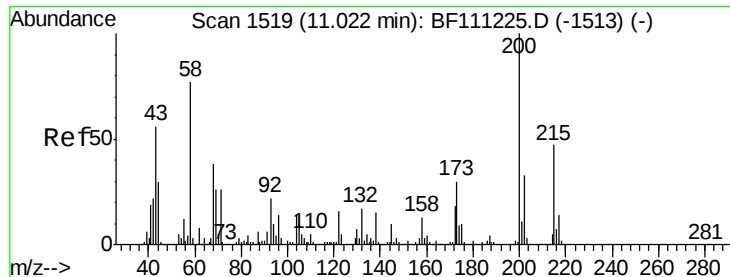
Tot Ion:	248	Resp:	544388
Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.0	115.4
141	76.0	63.0	94.6



#68
 Hexachlorobenzene
 Concen: 43.667 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

Tgt Ion:	284	Resp:	543042
Ion	Ratio	Lower	Upper
284	100		
142	34.4	27.4	41.2
249	31.6	24.4	36.6

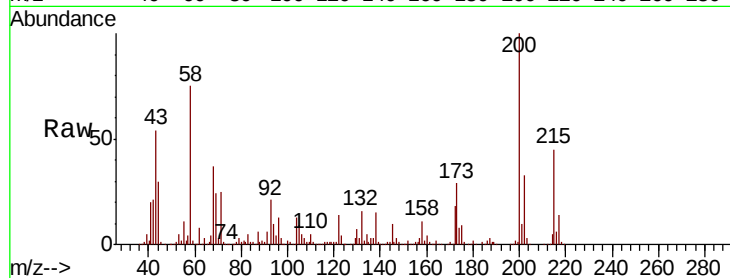




#69
Atrazine
Concen: 45.217 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	10.1	50.1
215	45.3	26.9	66.9

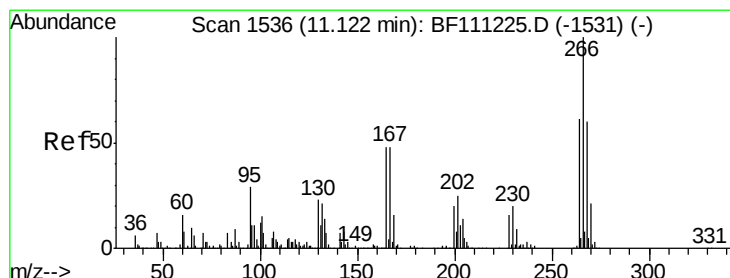
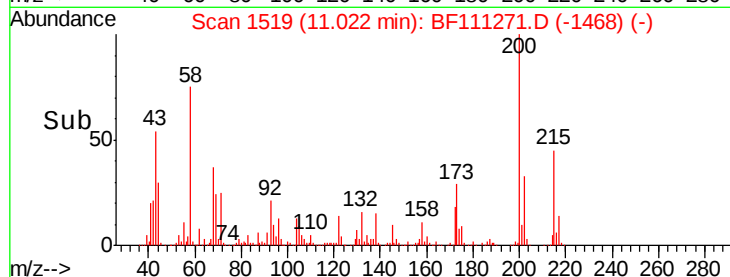
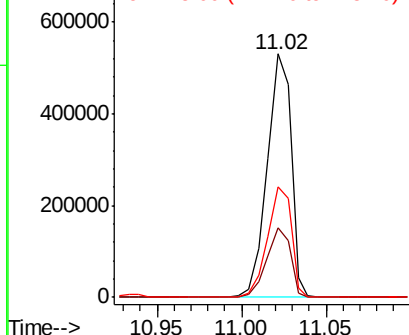


Abundance

Ion 200.00 (199.70 to 200.70): E

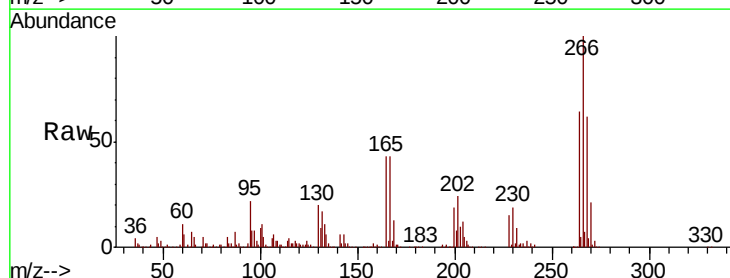
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 41.309 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	47.9	71.9
264	63.9	49.1	73.7

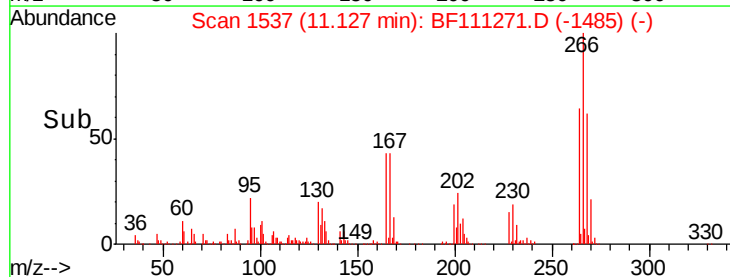
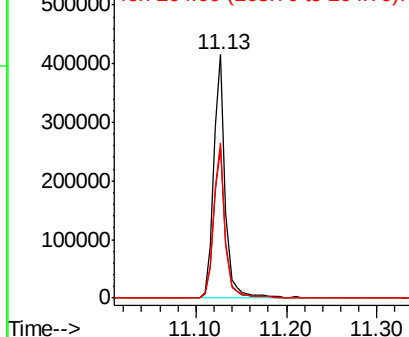


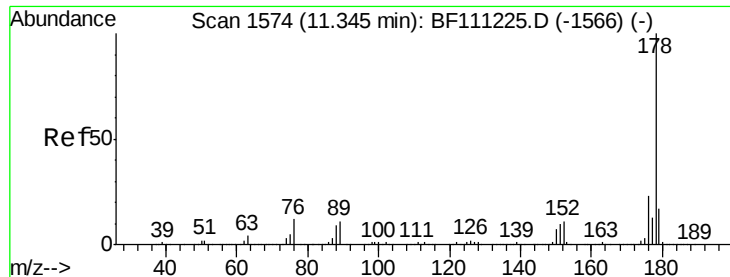
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

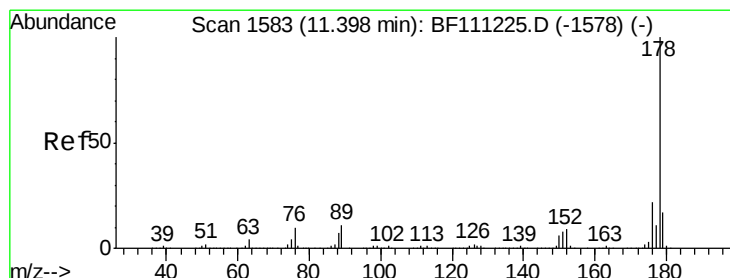
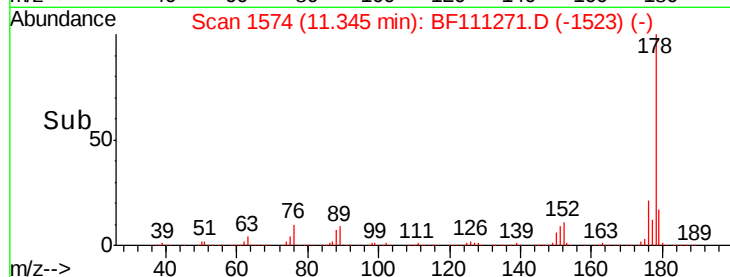
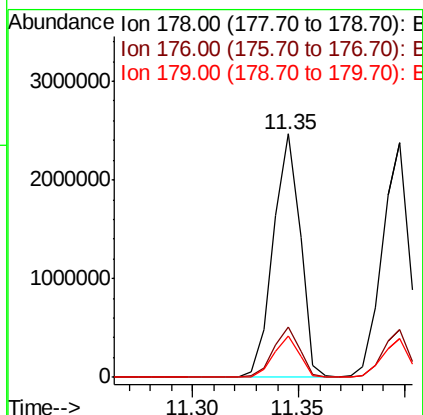
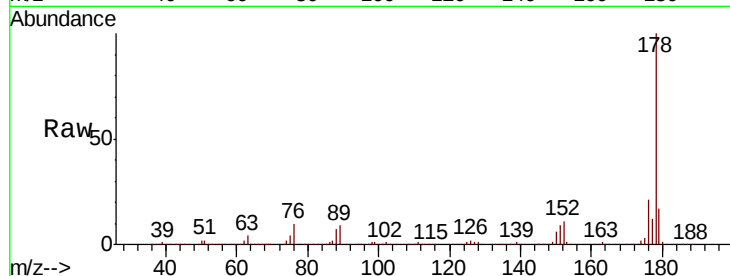




#71
Phenanthrene
Concen: 38.995 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

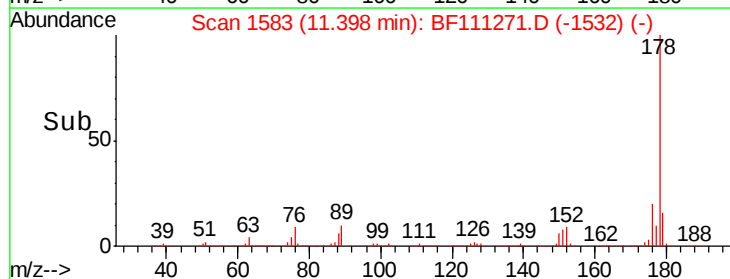
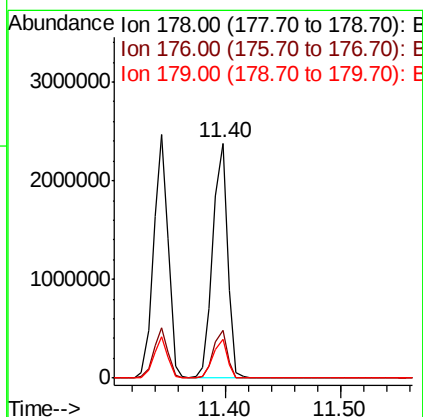
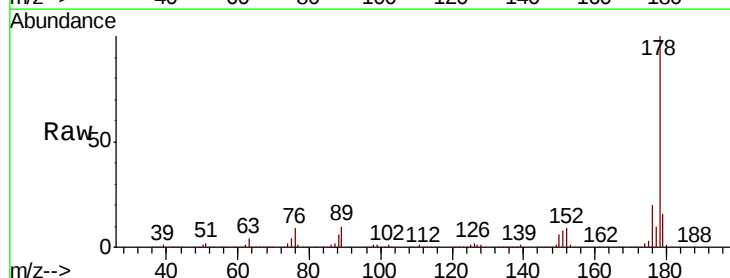
Instrument :
BNA_F
ClientSampleId :

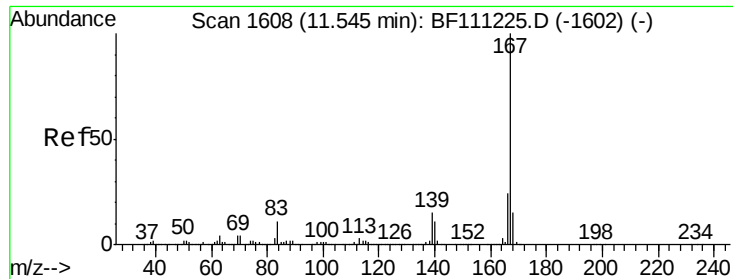
Tot Ion:178 Resp: 2195321
Ion Ratio Lower Upper
178 100
176 20.5 18.1 27.1
179 16.8 14.0 21.0



#72
Anthracene
Concen: 36.189 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion:178 Resp: 2131459
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 16.5 13.8 20.8

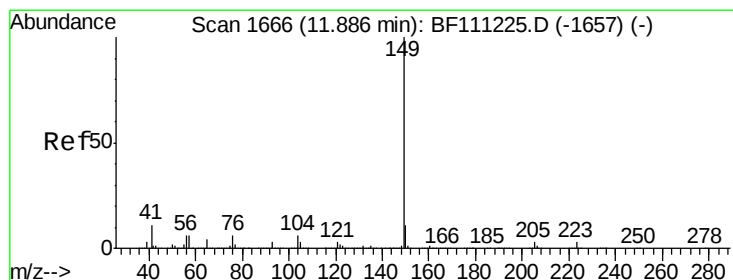
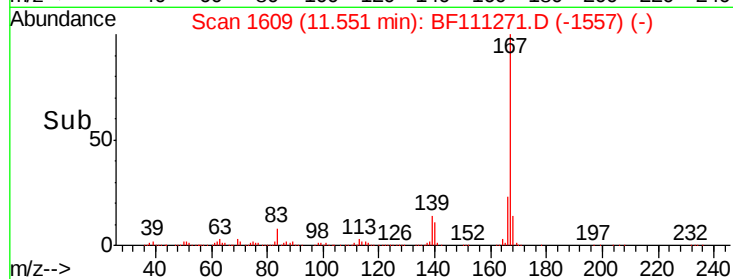
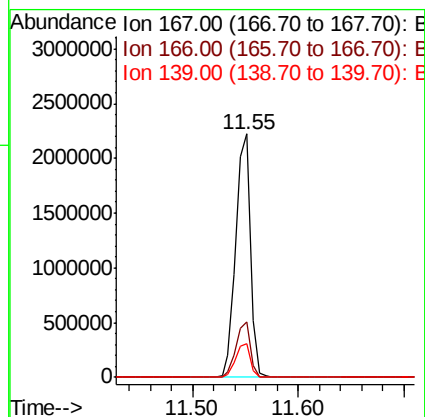
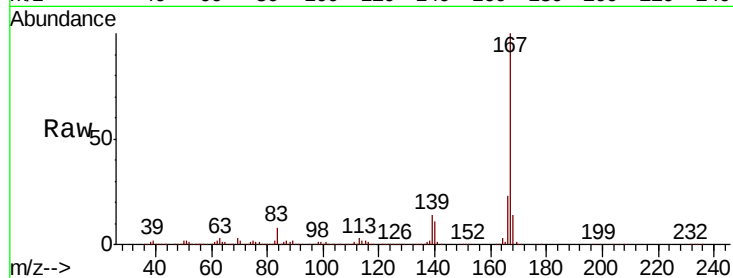




#73
 Carbazole
 Concen: 34.520 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

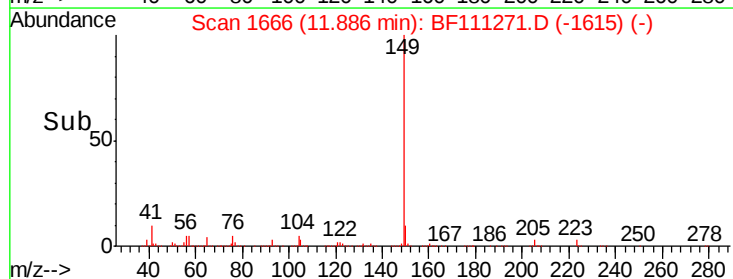
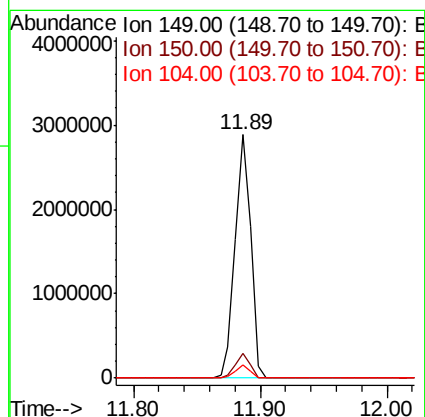
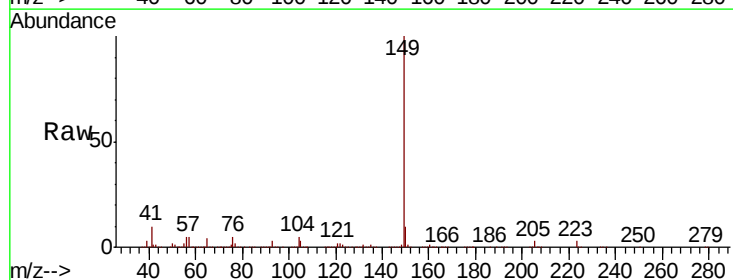
Instrument :
 BNA_F
 ClientSampleId :

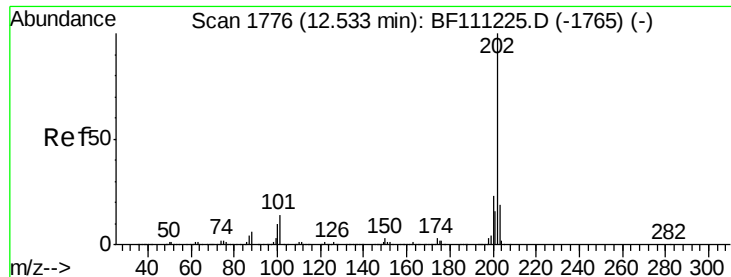
Tot Ion:167 Resp: 2126003
 Ion Ratio Lower Upper
 167 100
 166 22.8 19.3 28.9
 139 13.6 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 38.547 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

Tgt Ion:149 Resp: 2440116
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.8 13.2
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 38.991 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampled :

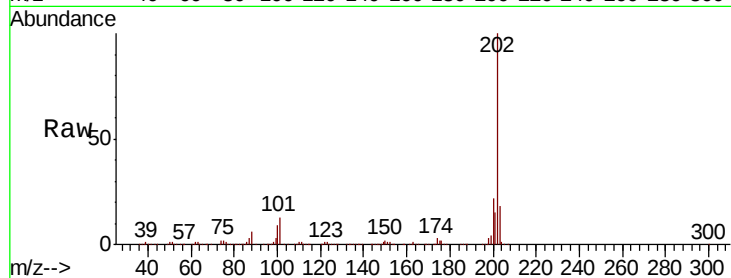
Tot Ion:202 Resp: 2005199

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.8

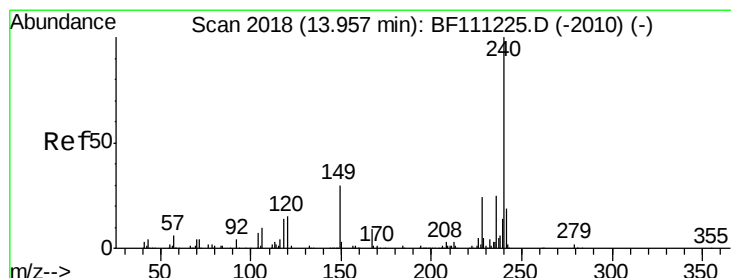
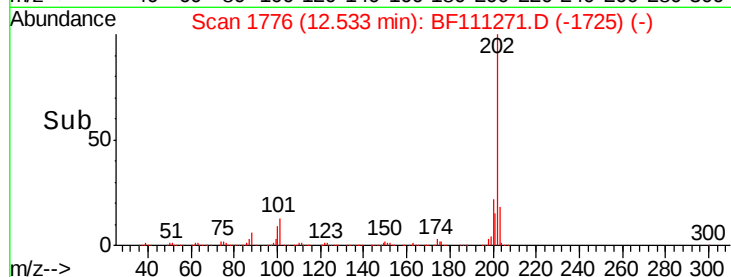
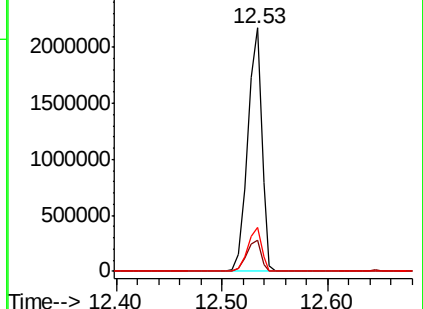
203 18.1 0.0 38.6



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# 2018

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

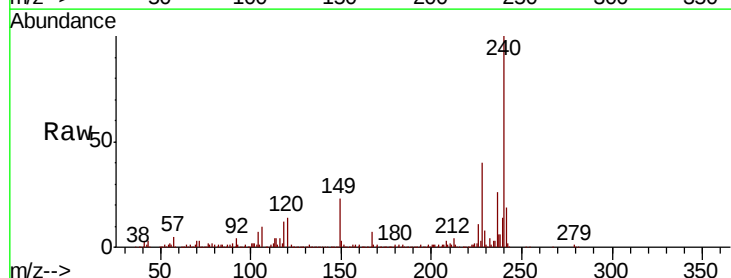
Tgt Ion:240 Resp: 655311

Ion Ratio Lower Upper

240 100

120 14.5 12.2 18.2

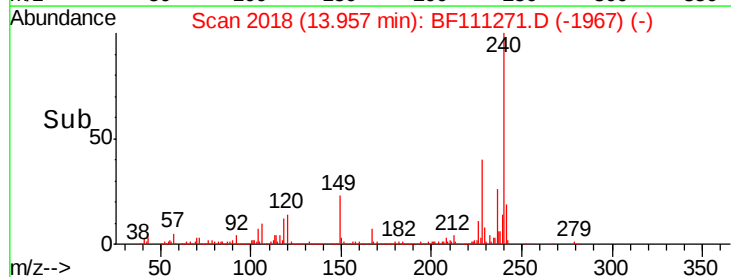
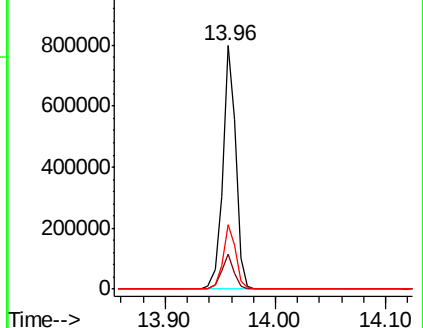
236 26.2 20.2 30.2

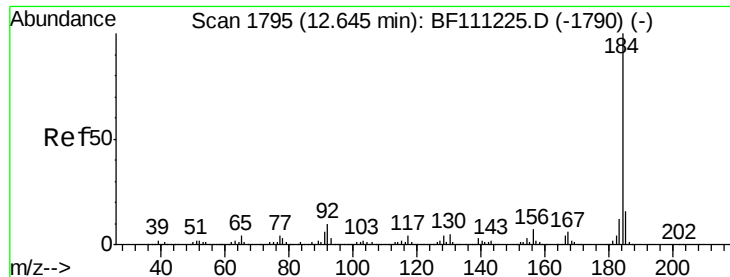


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.393 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

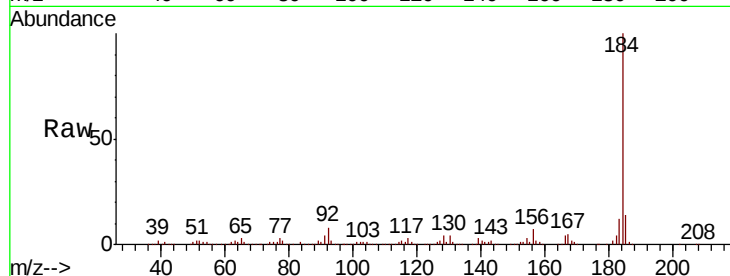
Tot Ion:184 Resp: 1038904

Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.0	19.6
183	11.9	9.3	13.9

184 100

185 14.2 13.0 19.6

183 11.9 9.3 13.9

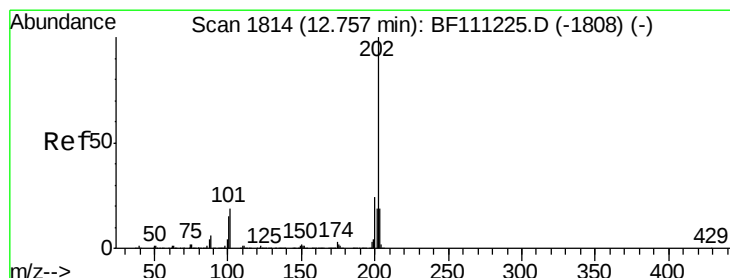
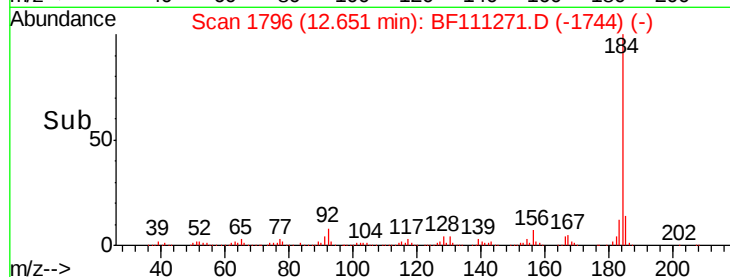
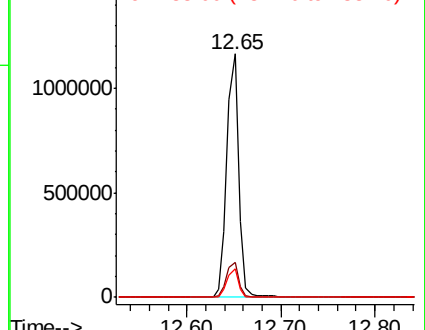


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.997 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

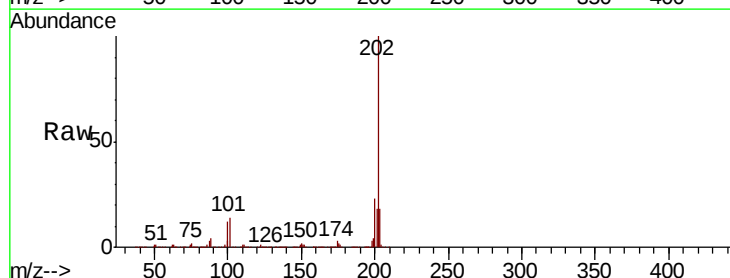
Tgt Ion:202 Resp: 2107140

Ion	Ratio	Lower	Upper
202	100		
200	22.8	19.0	28.4
203	18.1	15.2	22.8

202 100

200 22.8 19.0 28.4

203 18.1 15.2 22.8

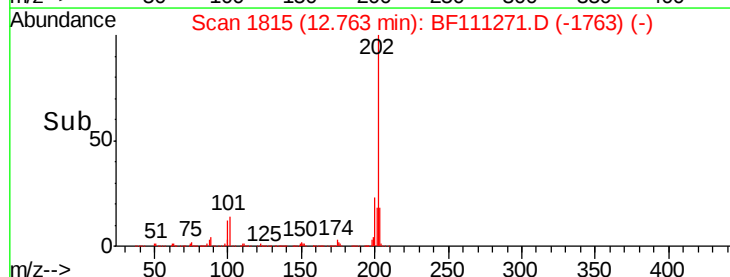
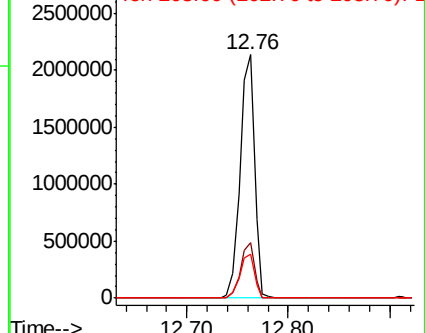


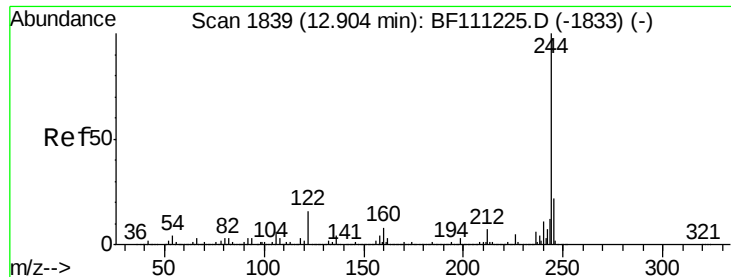
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

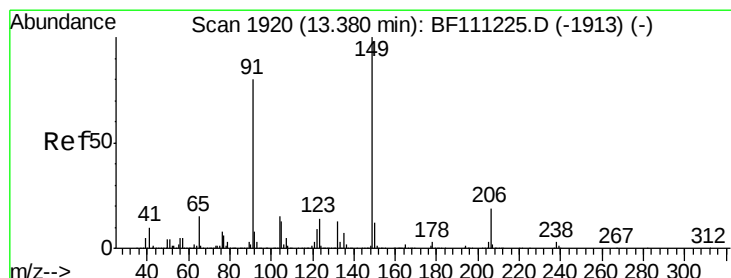
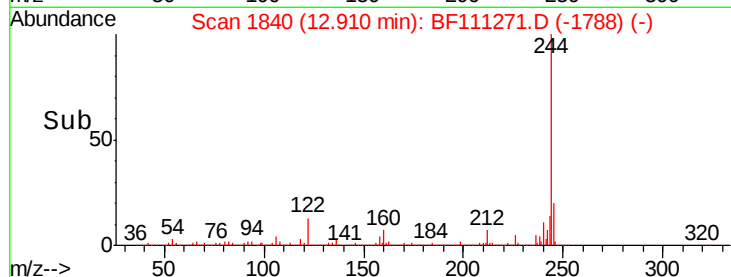
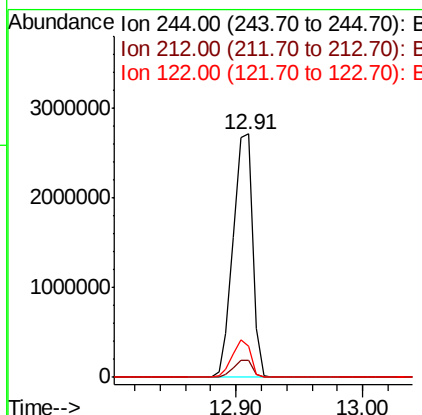
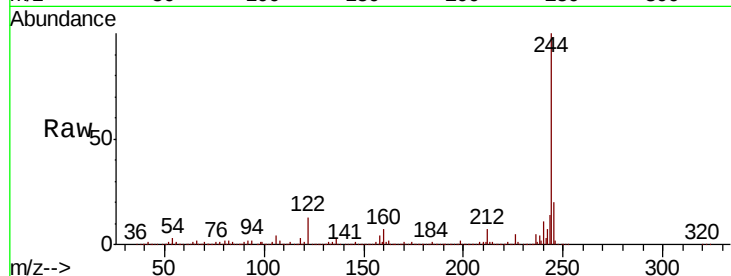




#79
 Terphenyl-d14
 Concen: 104.839 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

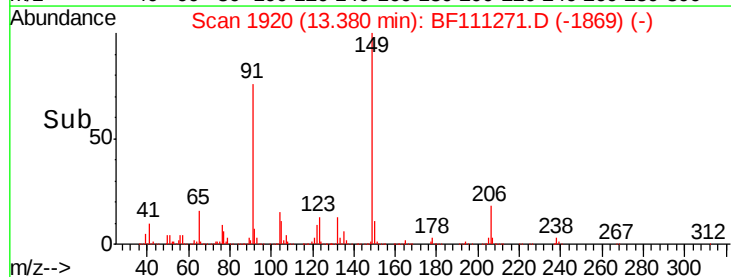
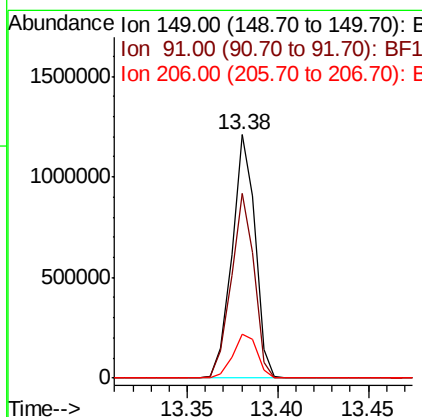
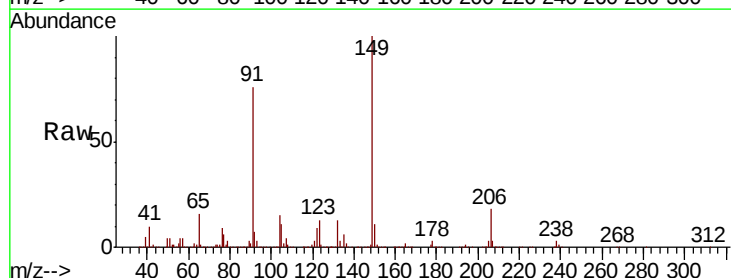
Instrument :
 BNA_F
 ClientSampleId :

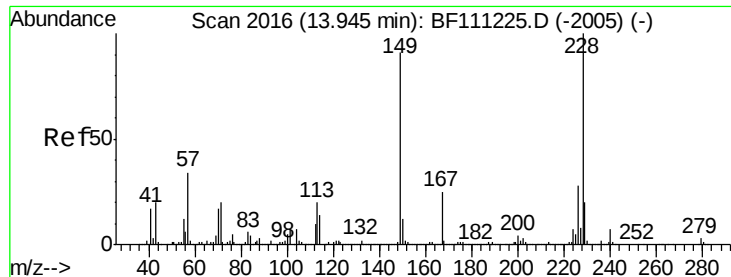
Tot Ion:244 Resp: 2864218
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 12.9 13.1 19.7#



#80
 Butylbenzylphthalate
 Concen: 43.894 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BF111271.D
 Acq: 11 Dec 2018 11:43

Tgt Ion:149 Resp: 1073623
 Ion Ratio Lower Upper
 149 100
 91 75.8 63.8 95.6
 206 18.1 15.1 22.7





#81

Benzo(a)anthracene

Concen: 38.648 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

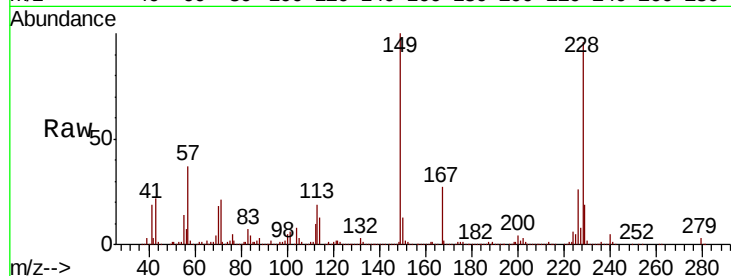
Tot Ion:228 Resp: 1412949

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	34.0
229	20.1	16.3	24.5

228 100

226 27.5 22.6 34.0

229 20.1 16.3 24.5

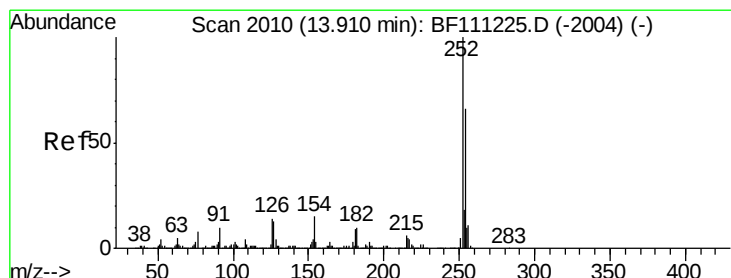
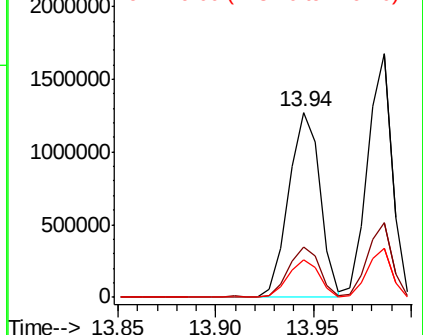
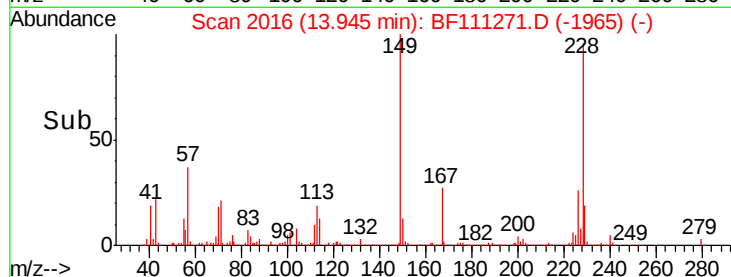


Abundance

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: 37.457 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

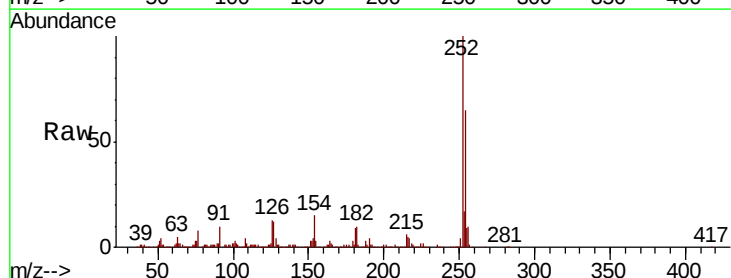
Tgt Ion:252 Resp: 561282

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.7	79.1
126	13.5	11.1	16.7

252 100

254 64.8 52.7 79.1

126 13.5 11.1 16.7

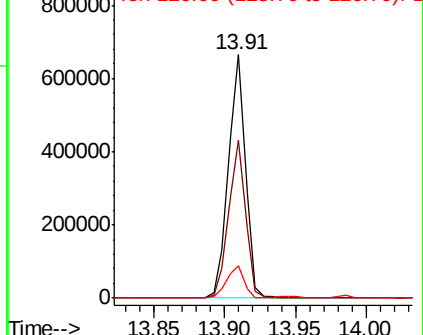
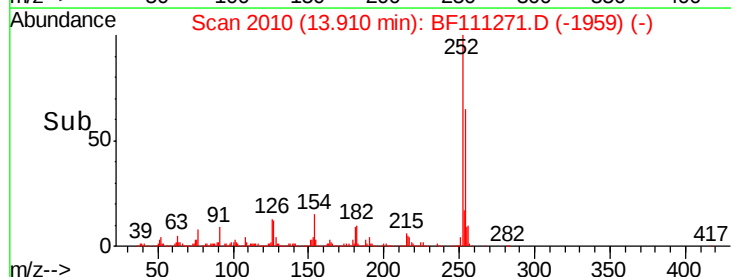


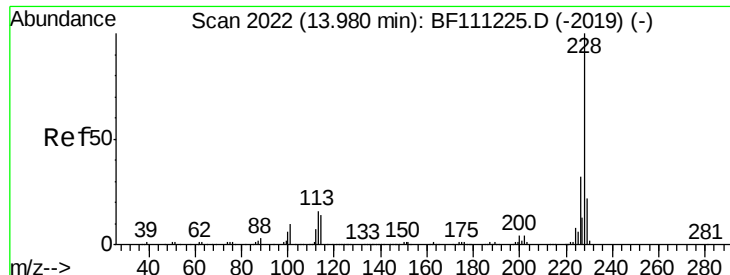
Abundance

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

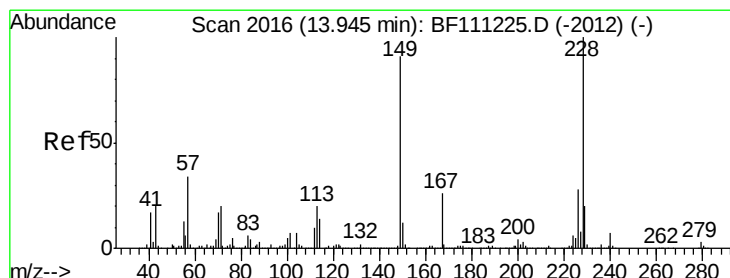
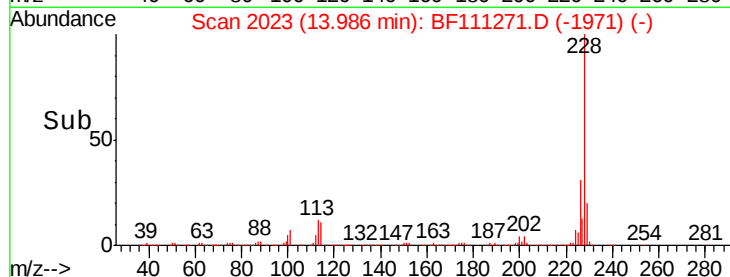
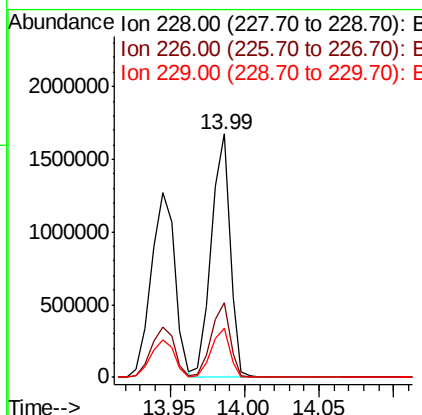
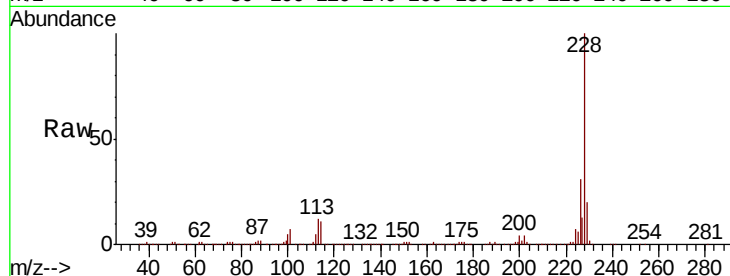




#83
Chrvsene
Concen: 38.821 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

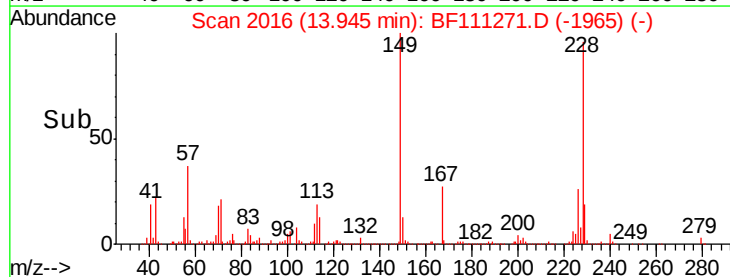
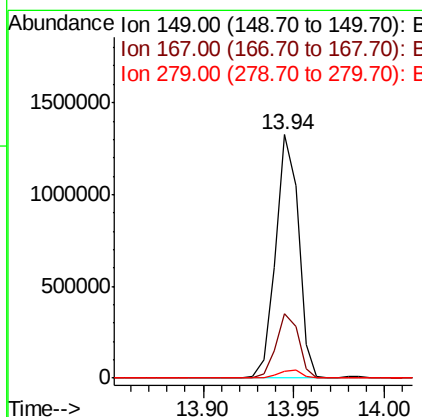
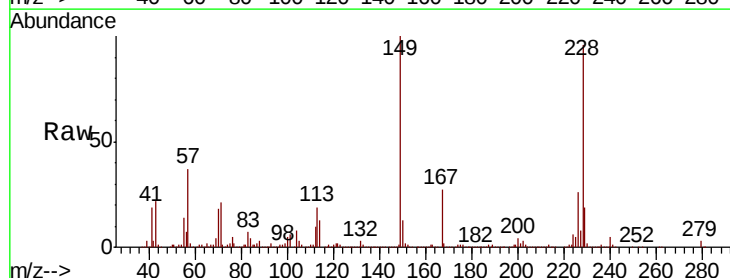
Instrument :
BNA_F
ClientSampleId :

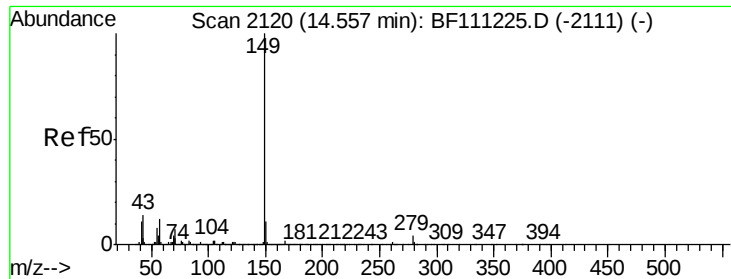
Tot Ion:228 Resp: 1463169
Ion Ratio Lower Upper
228 100
226 30.9 25.3 37.9
229 20.3 17.2 25.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.901 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion:149 Resp: 1159710
Ion Ratio Lower Upper
149 100
167 26.5 22.5 33.7
279 2.9 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 37.222 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

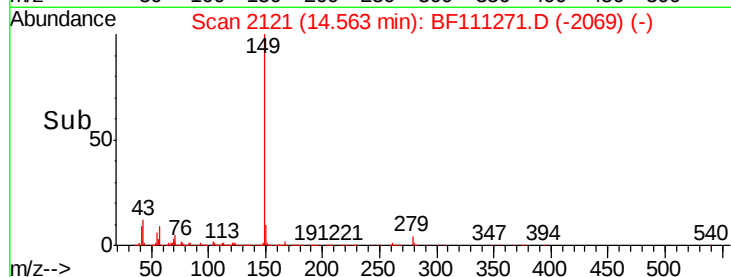
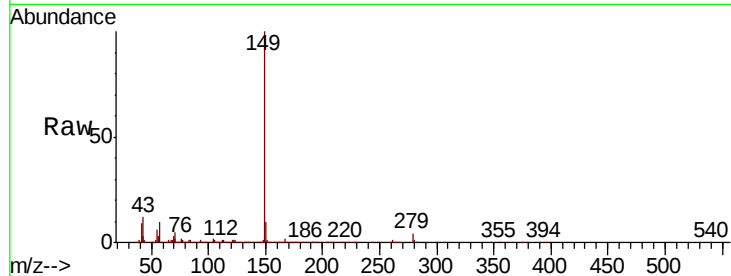
Tot Ion:149 Resp: 1813285

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

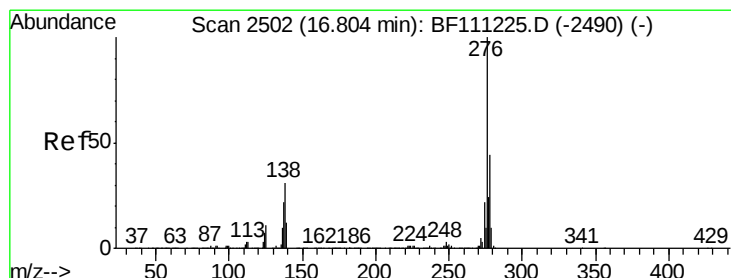
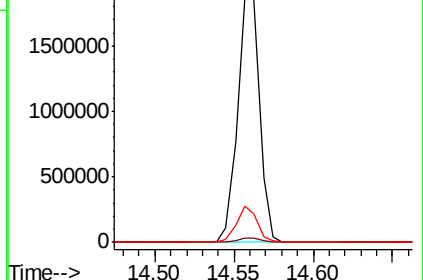
43 13.4 10.9 16.3



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: 45.172 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

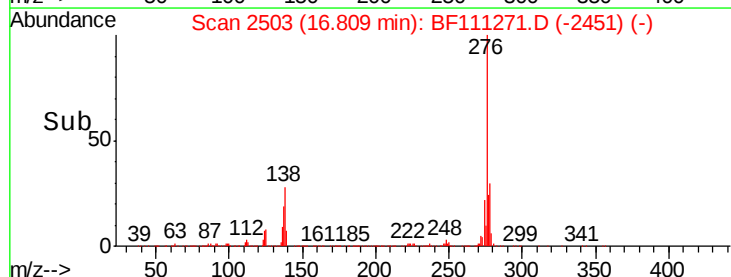
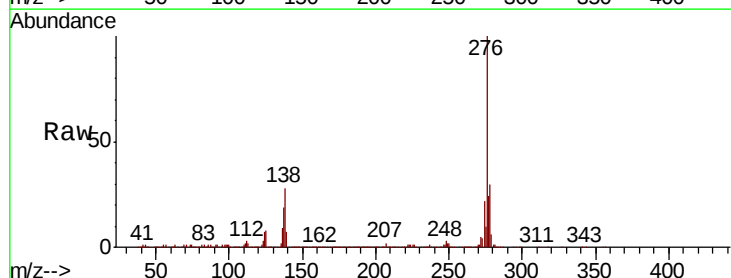
Tgt Ion:276 Resp: 1374316

Ion Ratio Lower Upper

276 100

138 31.8 27.8 41.6

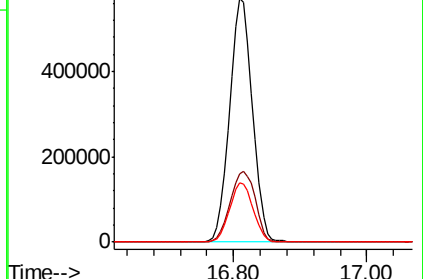
277 25.1 20.1 30.1

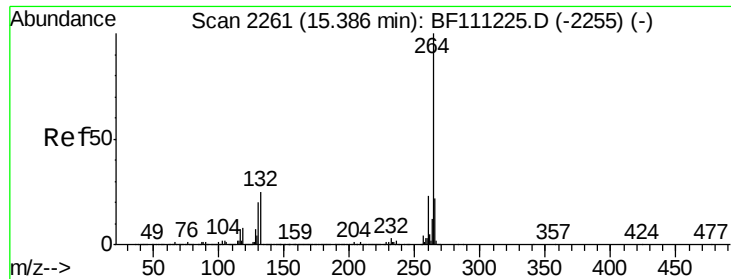


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

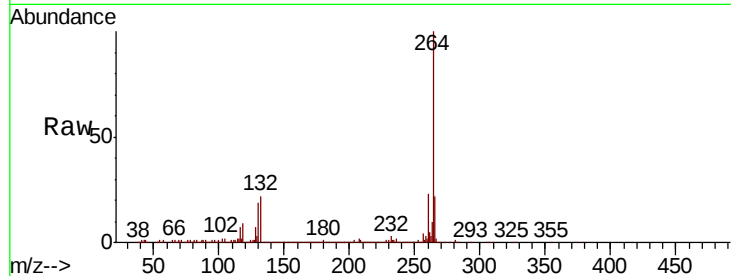




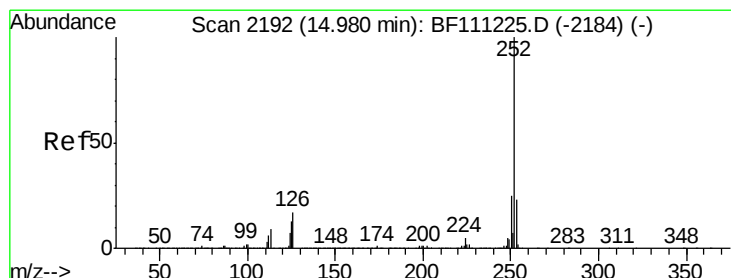
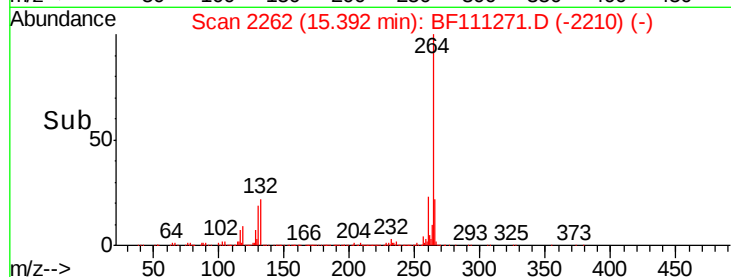
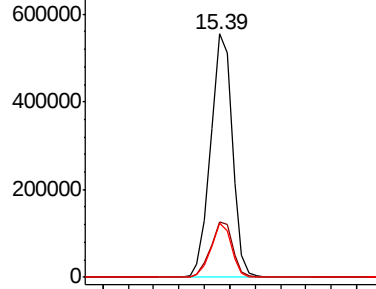
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	22.0	17.7	26.5

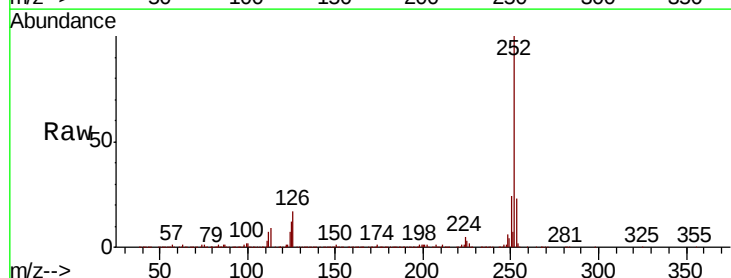


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

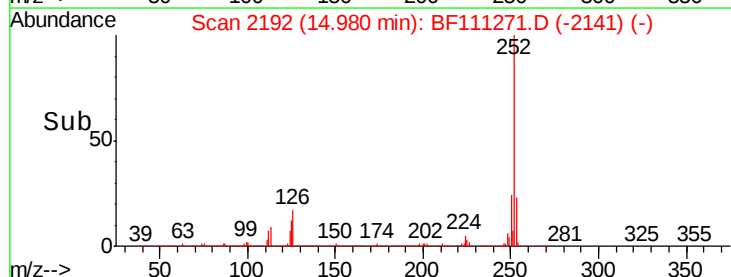
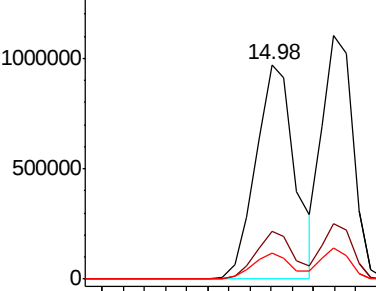


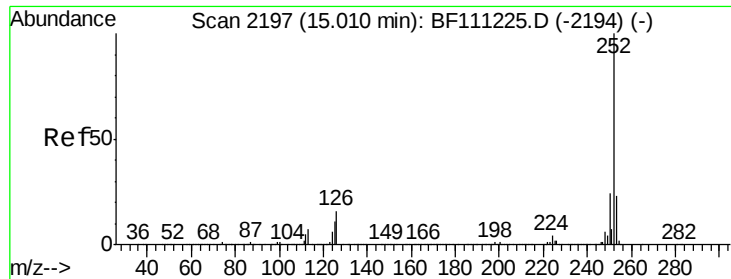
#88
Benzo(b)fluoranthene
Concen: 34.703 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111271.D
Acq: 11 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	12.3	10.4	15.6



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





#89

Benzo(k)fluoranthene

Concen: 33.038 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Instrument :

BNA_F

ClientSampled :

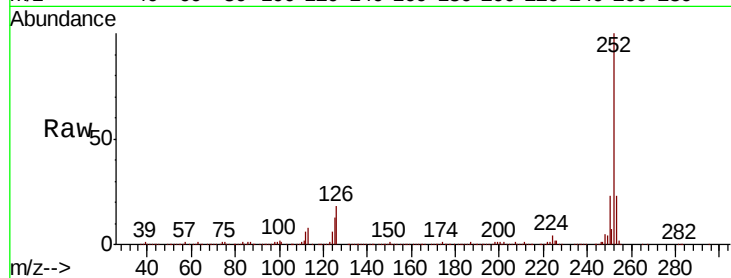
Tot Ion:252 Resp: 1125789

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

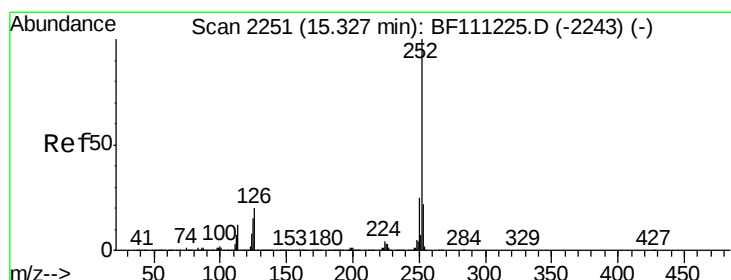
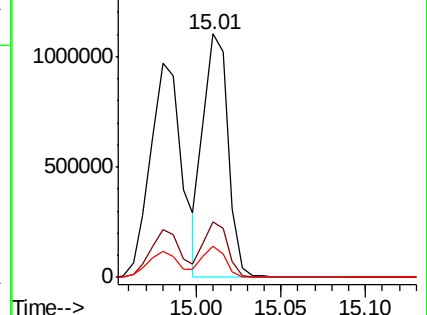
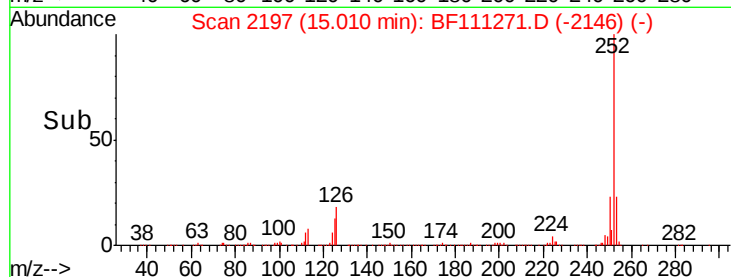
125 13.0 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.266 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

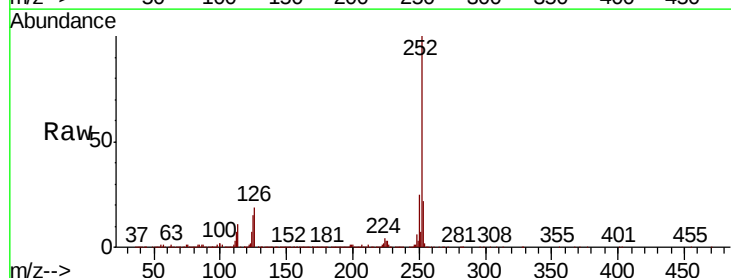
Tgt Ion:252 Resp: 1377300

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

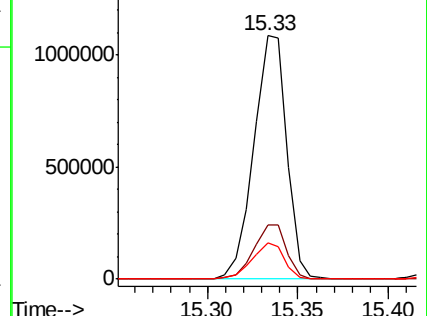
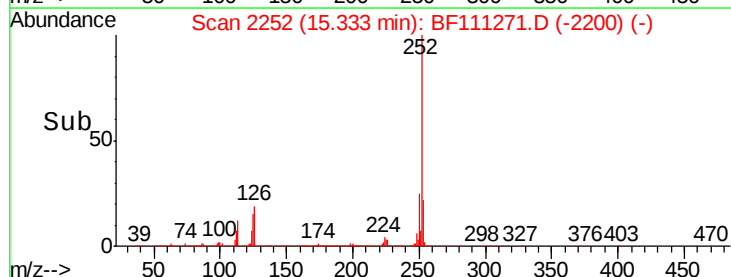
125 14.7 12.3 18.5

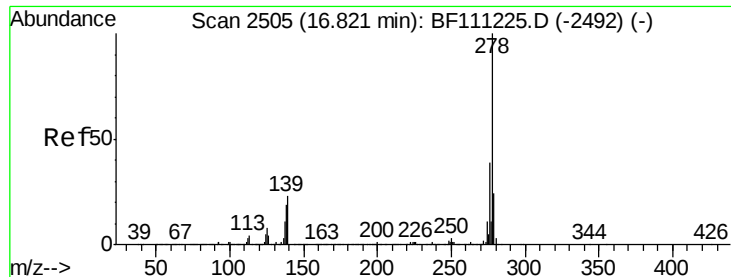


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.672 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

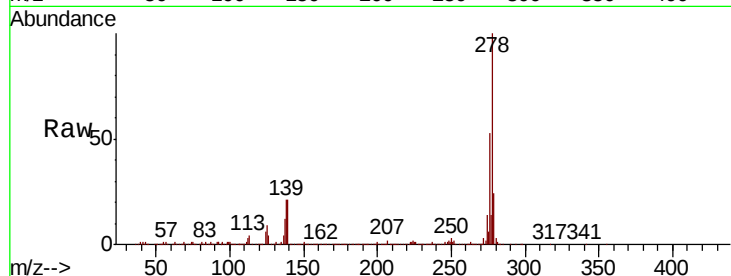
Instrument :

BNA_F

ClientSampled :

Tot Ion:278 Resp: 1144866

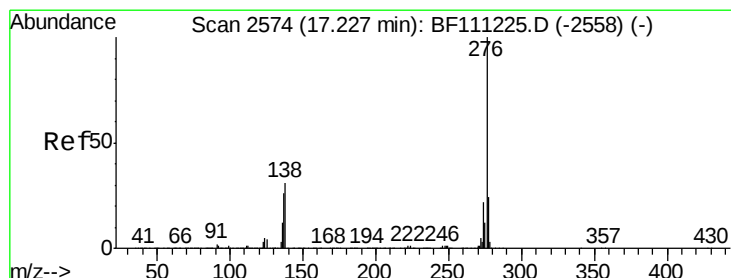
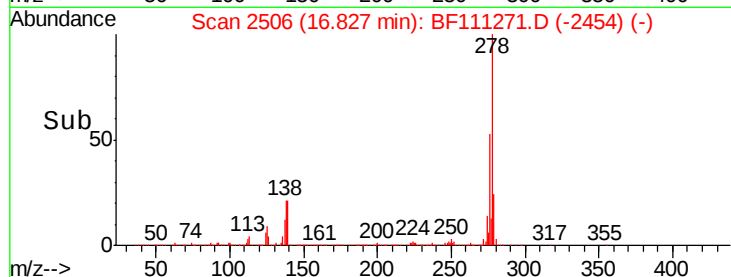
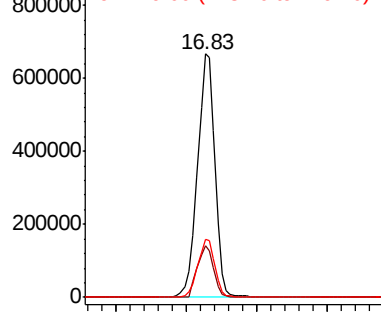
Ion	Ratio	Lower	Upper
278	100		
139	21.4	18.2	27.4
279	24.0	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.607 ng

RT: 17.24 min Scan# 2576

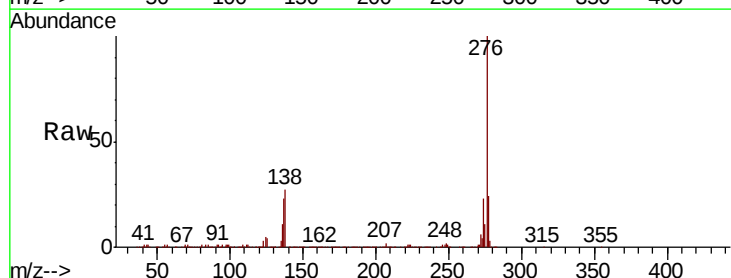
Delta R.T. 0.01 min

Lab File: BF111271.D

Acq: 11 Dec 2018 11:43

Tgt Ion:276 Resp: 960658

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	27.3	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

