

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111249.D
 Acq On : 10 Dec 2018 18:29
 Operator : JU/SJ
 Sample : PB115276BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

Quant Time: Dec 11 03:57:50 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	571679	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2383618	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1139510	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1913477	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1211162	20.00	ng	0.00
87) Perylene-d12	15.39	264	1073965	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3843421	106.16	ng	0.02
7) Phenol-d6	6.44	99	4989372	110.89	ng	0.00
23) Nitrobenzene-d5	7.36	82	2675091	62.95	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1058005	104.82	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4359585	60.87	ng	0.00
79) Terphenyl-d14	12.91	244	3754351	74.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	666853	35.900	ng	98
3) Pyridine	3.36	79	1839836	37.282	ng	99
4) n-Nitrosodimethylamine	3.30	42	870491	41.372	ng	96
6) Aniline	6.46	93	1880904	31.355	ng	99
8) 2-Chlorophenol	6.59	128	1626396	39.522	ng	95
9) Benzaldehyde	6.35	77	714941	24.490	ng	99
10) Phenol	6.45	94	2008262	38.174	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	1565212	38.470	ng	100
12) 1,3-Dichlorobenzene	6.74	146	1661272	37.571	ng	97
13) 1,4-Dichlorobenzene	6.82	146	1682172	37.677	ng	97
14) 1,2-Dichlorobenzene	6.97	146	1567510	37.642	ng	98
15) Benzyl Alcohol	6.95	79	1397765	39.258	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3026575	39.732	ng	100
17) 2-Methylphenol	7.06	107	1392691	41.452	ng	98
18) Hexachloroethane	7.32	117	647001	38.062	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	1157416	38.402	ng	96
20) 3+4-Methylphenols	7.21	107	1614735	40.407	ng	98
22) Acetophenone	7.21	105	2138303	39.207	ng	# 98
24) Nitrobenzene	7.38	77	1730488	39.124	ng	96
25) Isophorone	7.62	82	3235483	44.700	ng	99
26) 2-Nitrophenol	7.70	139	879118	40.004	ng	98
27) 2,4-Dimethylphenol	7.74	122	1541955	45.408	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	2066657	41.232	ng	100
29) 2,4-Dichlorophenol	7.94	162	1394636	40.165	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	1332039	38.946	ng	99
31) Naphthalene	8.10	128	4473911	43.006	ng	99
32) Benzoic acid	7.87	122	1186289	42.245	ng	98
33) 4-Chloroaniline	8.15	127	1183163	23.679	ng	96
34) Hexachlorobutadiene	8.23	225	706610	37.427	ng	98
35) Caprolactam	8.52	113	275668	22.405	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	1491454	41.952	ng	97
37) 2-Methylnaphthalene	8.80	142	3100003	44.883	ng	99
38) 1-Methylnaphthalene	8.90	142	2945233	43.544	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1069076	33.717	ng	98

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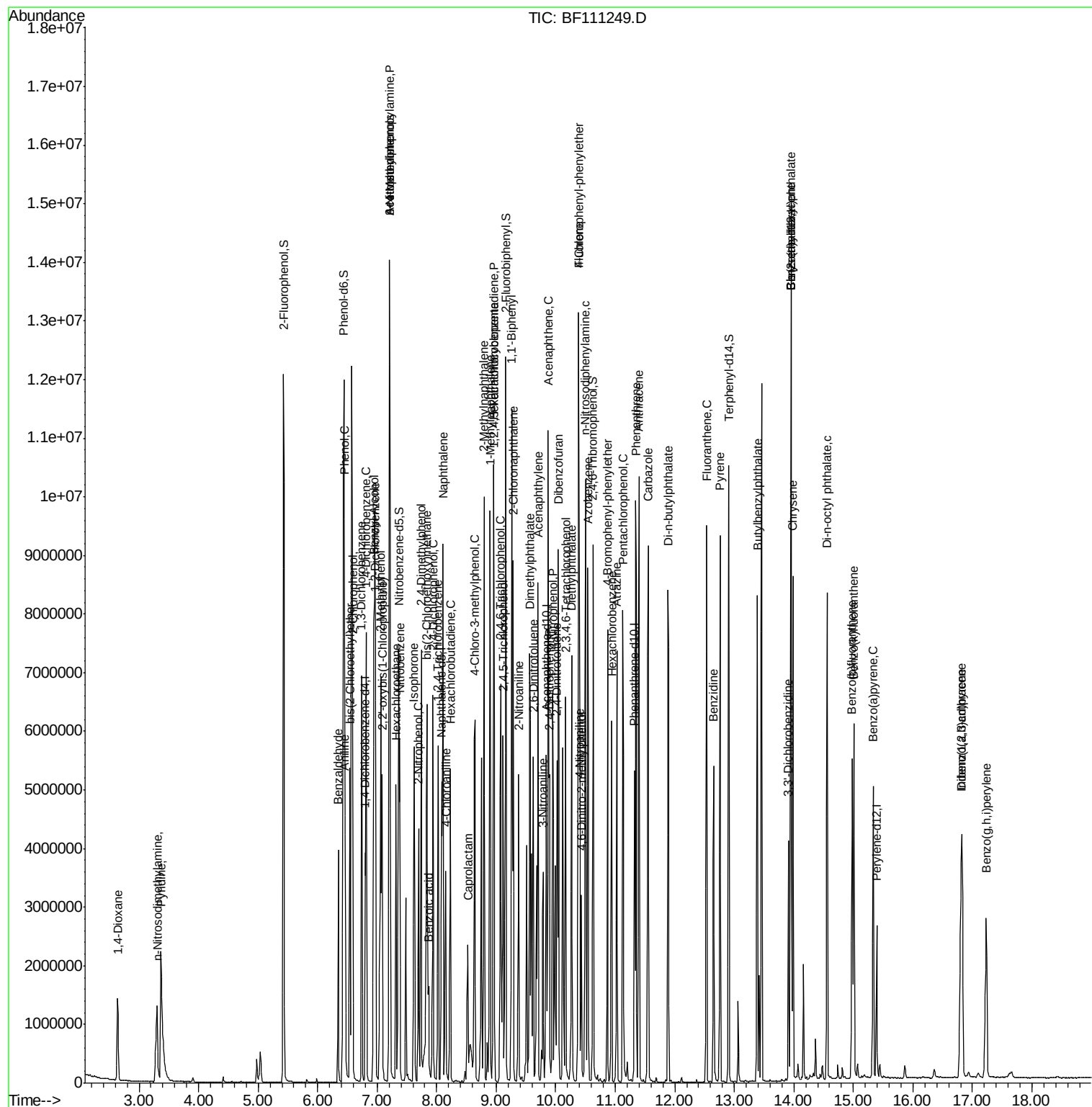
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1470682	81.446	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	912067	38.321	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	926488	37.368	ng	96
46) 1,1'-Biphenyl	9.26	154	3390193	35.686	ng	99
47) 2-Chloronaphthalene	9.29	162	2724319	36.538	ng	100
48) 2-Nitroaniline	9.37	65	977183	38.420	ng	99
49) Acenaphthylene	9.70	152	4221417	39.000	ng	99
50) Dimethylphthalate	9.56	163	3120792	37.117	ng	100
51) 2,6-Dinitrotoluene	9.62	165	744424	40.091	ng	94
52) Acenaphthene	9.87	154	2812928	41.411	ng	100
53) 3-Nitroaniline	9.79	138	557787	24.337	ng	95
54) 2,4-Dinitrophenol	9.89	184	618935	84.352	ng	93
55) Dibenzofuran	10.05	168	3661716	39.624	ng	98
56) 4-Nitrophenol	9.95	139	1324497	74.202	ng	98
57) 2,4-Dinitrotoluene	10.02	165	976470	42.658	ng	90
58) Fluorene	10.39	166	2686168	37.563	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	781805	41.600	ng	99
60) Diethylphthalate	10.27	149	3005712	37.497	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	1223229	34.451	ng	99
62) 4-Nitroaniline	10.40	138	821268	37.871	ng	96
63) Azobenzene	10.54	77	3145974	37.802	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	408281	36.288	ng	85
66) n-Nitrosodiphenylamine	10.50	169	2542738	39.037	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	800248	38.183	ng	96
68) Hexachlorobenzene	10.94	284	811135	38.046	ng	98
69) Atrazine	11.03	200	795947	40.185	ng	98
70) Pentachlorophenol	11.13	266	961456	62.165	ng	95
71) Phenanthrene	11.35	178	3728510	38.632	ng	99
72) Anthracene	11.40	178	3889323	38.518	ng	99
73) Carbazole	11.55	167	3678572	34.841	ng	99
74) Di-n-butylphthalate	11.89	149	4211867	38.811	ng	100
75) Fluoranthene	12.53	202	3683701	41.782	ng	96
77) Benzidine	12.65	184	1903853	52.941	ng	99
78) Pyrene	12.76	202	3753060	43.363	ng	99
80) Butylbenzylphthalate	13.39	149	1856264	41.061	ng	94
81) Benzo(a)anthracene	13.95	228	2756000	40.787	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	763983	27.585	ng	98
83) Chrysene	13.99	228	2822518	40.519	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	2113838	39.351	ng	99
85) Di-n-octyl phthalate	14.56	149	3668372	40.743	ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2536937	45.117	ng	99
88) Benzo(b)fluoranthene	14.98	252	2462564	41.462	ng	99
89) Benzo(k)fluoranthene	15.01	252	2436093	43.626	ng	98
90) Benzo(a)pyrene	15.33	252	2371603	43.362	ng	99
91) Dibenzo(a,h)anthracene	16.83	278	2071383	48.218	ng	99
92) Benzo(g,h,i)perylene	17.24	276	2173613	50.545	ng	96

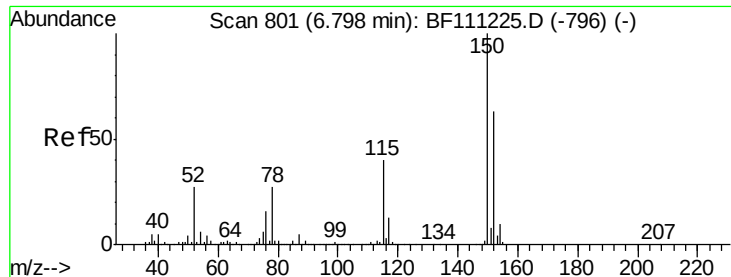
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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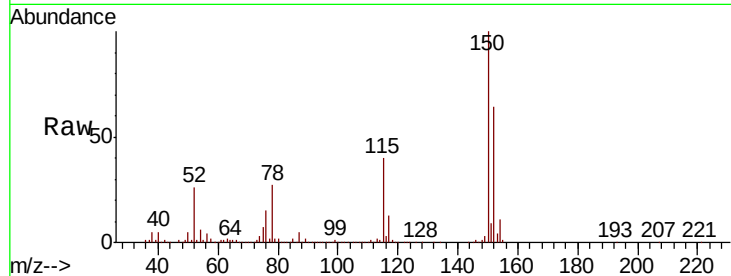


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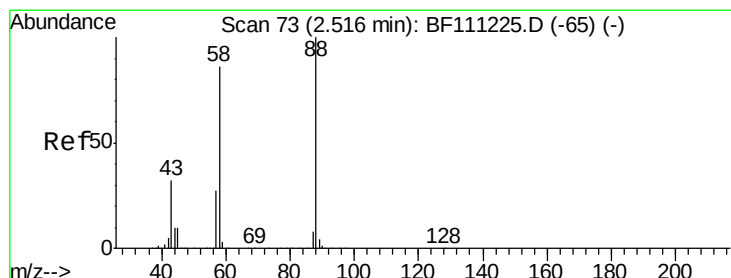
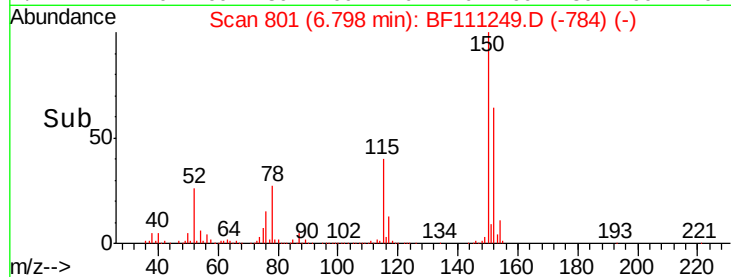
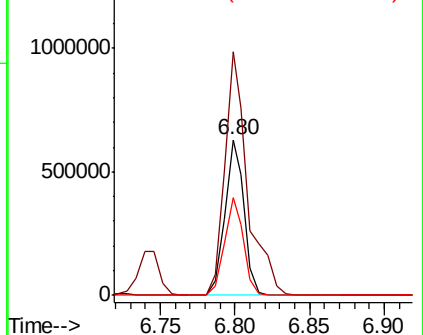
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tgt Ion:152 Resp: 571679
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 62.6 50.7 76.1



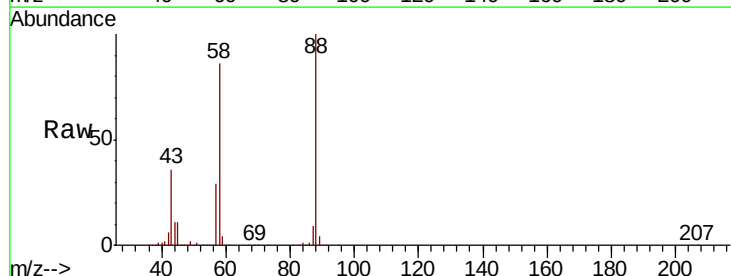
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



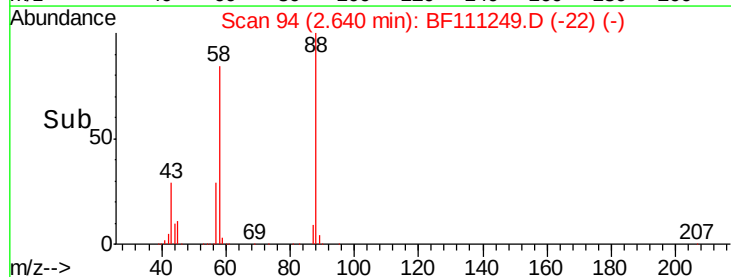
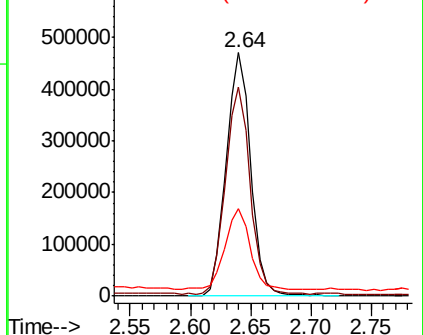
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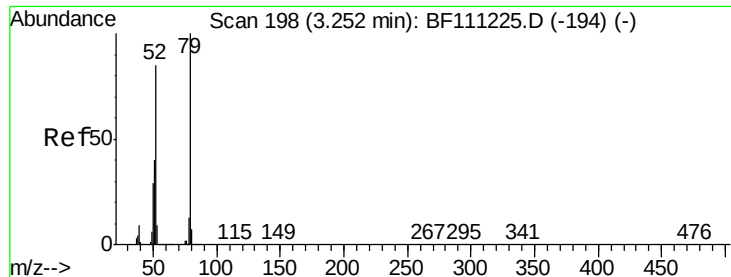
1,4-Dioxane
Concen: 35.900 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.12 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion: 88 Resp: 666853
Ion Ratio Lower Upper
88 100
58 84.4 68.9 103.3
43 34.4 25.8 38.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

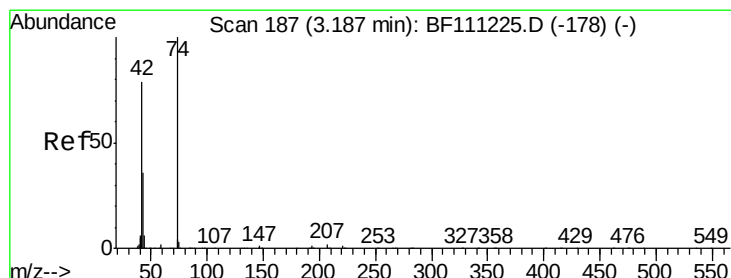
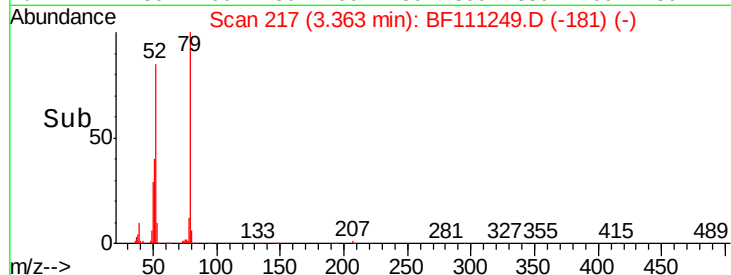
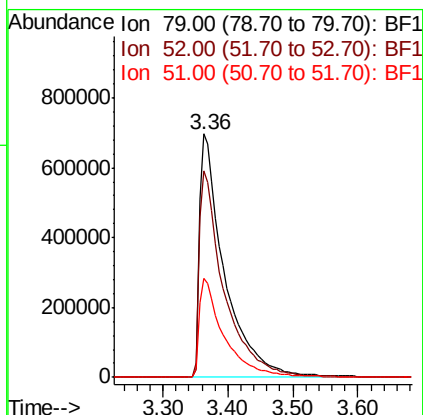
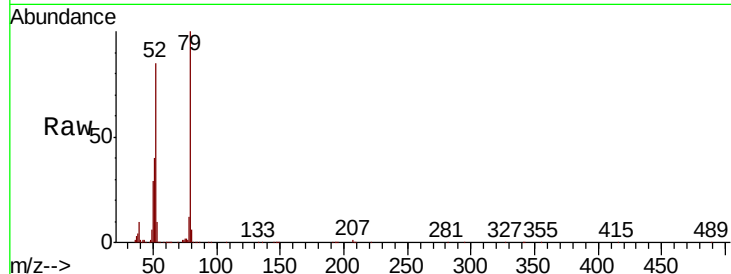




#3
Pyridine
Concen: 37.282 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.11 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

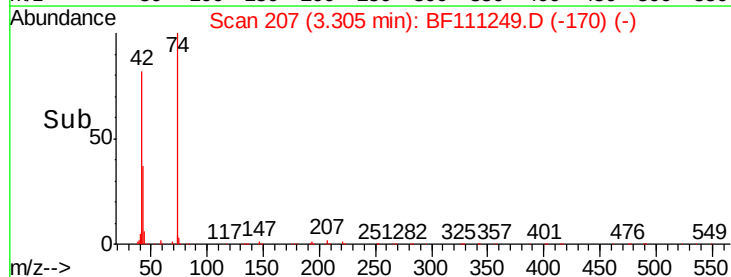
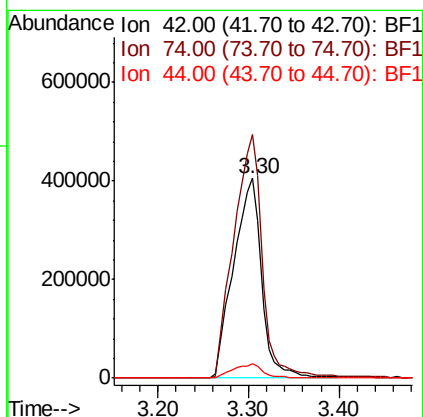
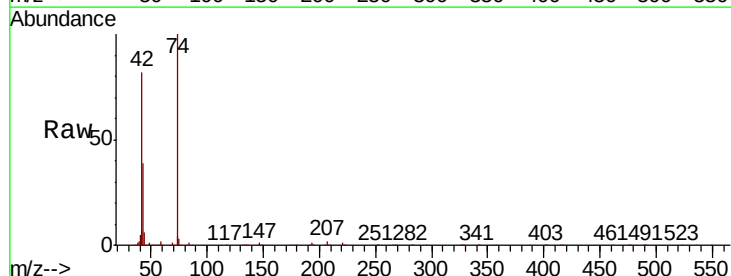
Instrument :
BNA_F
ClientSampleId :
PB115276BSD

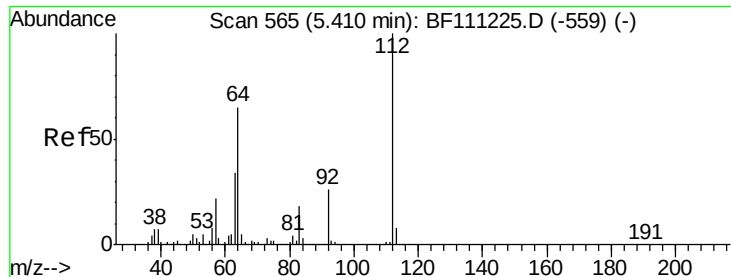
Tgt Ion: 79 Resp: 1839836
Ion Ratio Lower Upper
79 100
52 84.8 68.3 102.5
51 40.5 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 41.372 ng
RT: 3.30 min Scan# 207
Delta R.T. 0.12 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion: 42 Resp: 870491
Ion Ratio Lower Upper
42 100
74 121.9 101.5 152.3
44 7.5 6.0 9.0





#5

2-Fluorophenol

Concen: 106.161 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

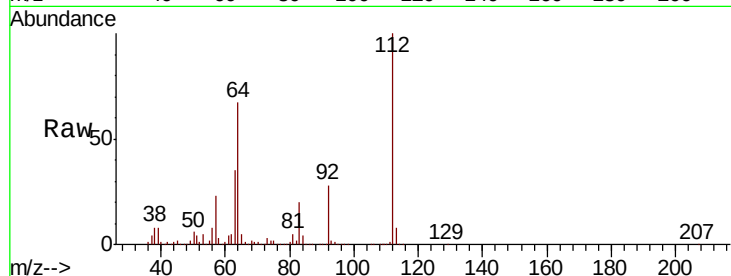
Tgt Ion:112 Resp: 3843421

Ion Ratio Lower Upper

112 100

64 66.9 51.8 77.6

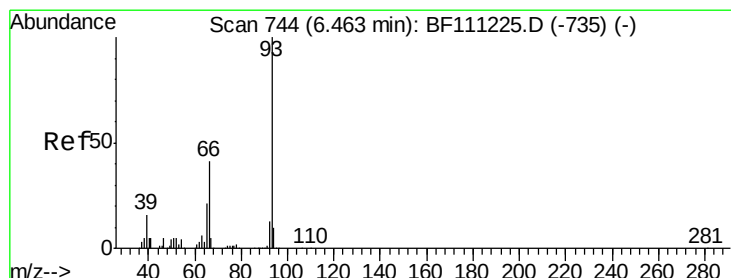
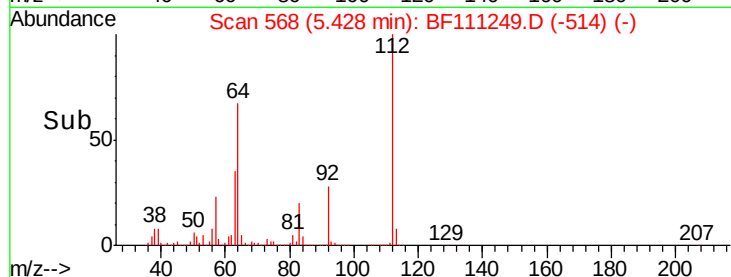
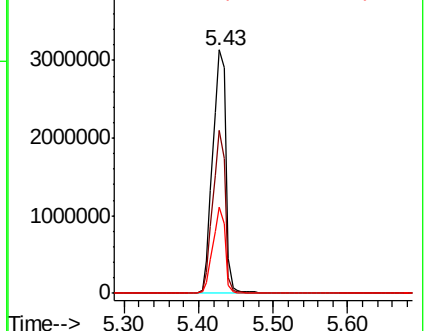
63 35.5 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.355 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

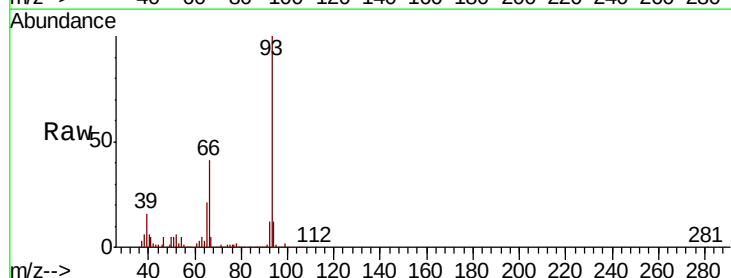
Tgt Ion: 93 Resp: 1880904

Ion Ratio Lower Upper

93 100

66 40.6 33.2 49.8

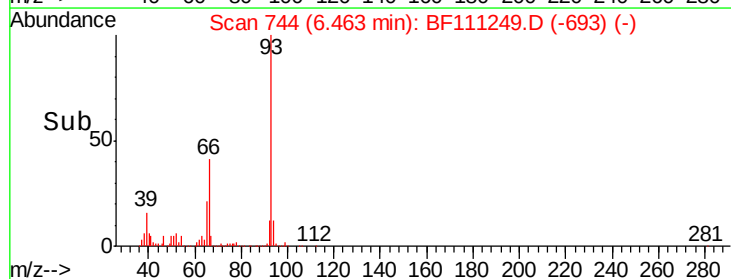
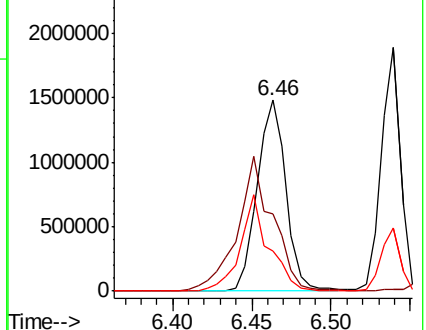
65 21.0 17.0 25.4

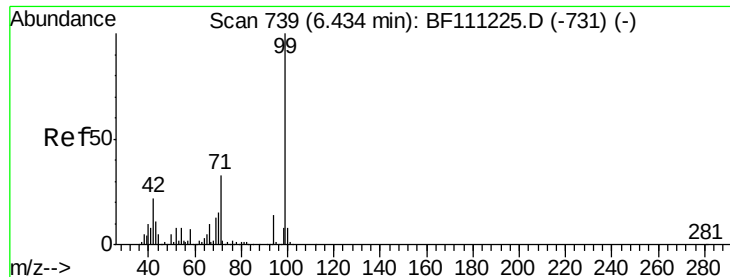


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.895 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111249.D

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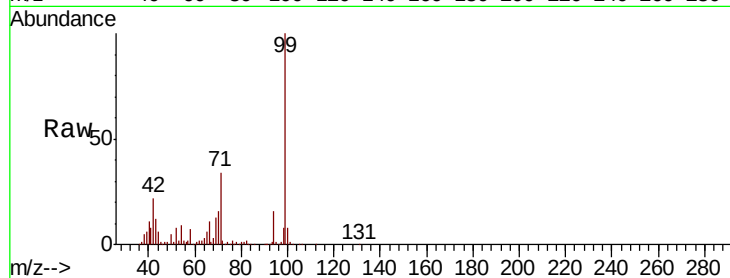
Tgt Ion: 99 Resp: 4989372

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

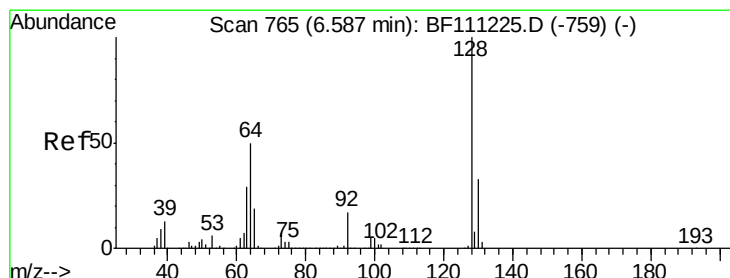
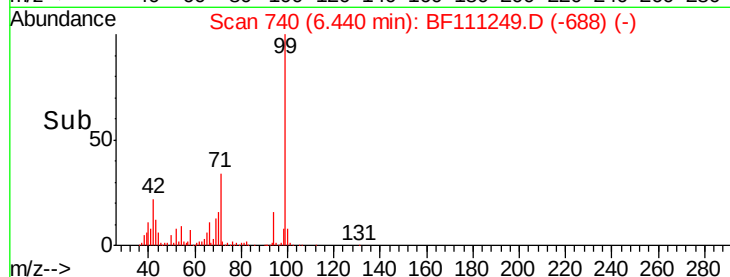
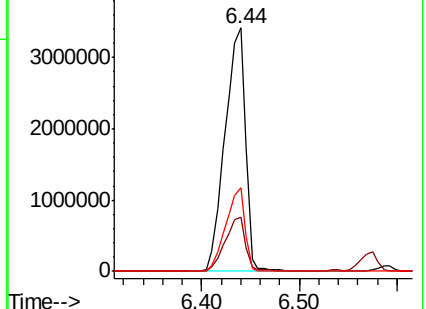
71 34.3 26.1 39.1



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: 39.522 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

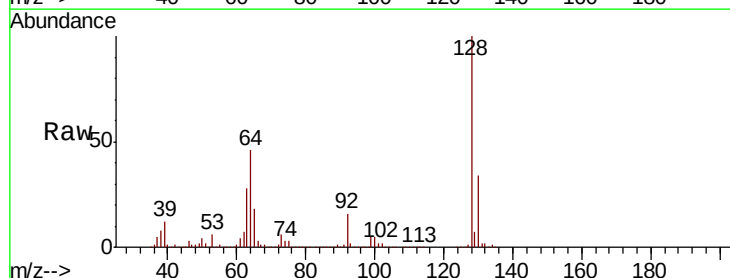
Tgt Ion: 128 Resp: 1626396

Ion Ratio Lower Upper

128 100

130 34.2 12.7 52.7

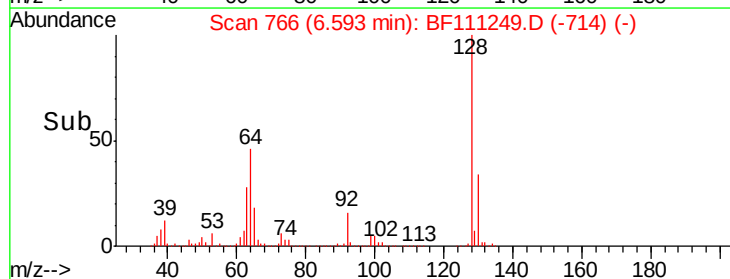
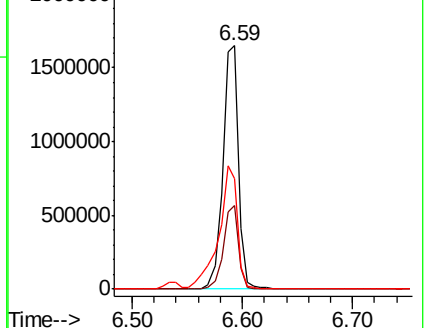
64 45.5 30.0 70.0

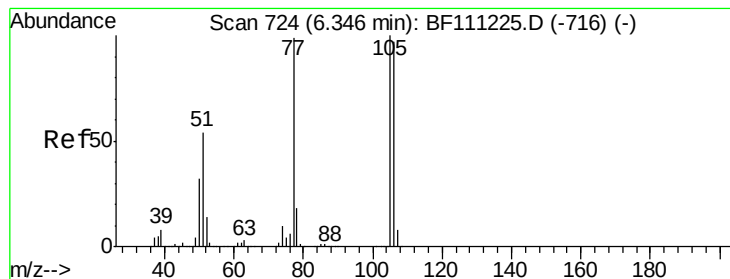


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.490 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

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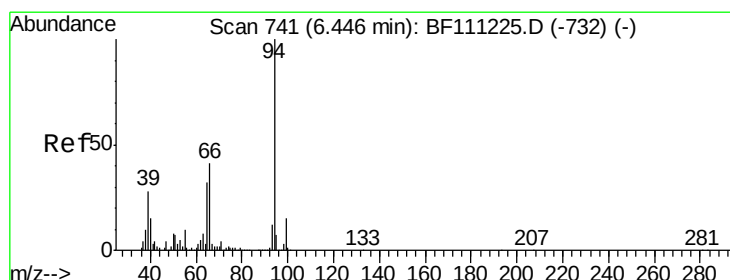
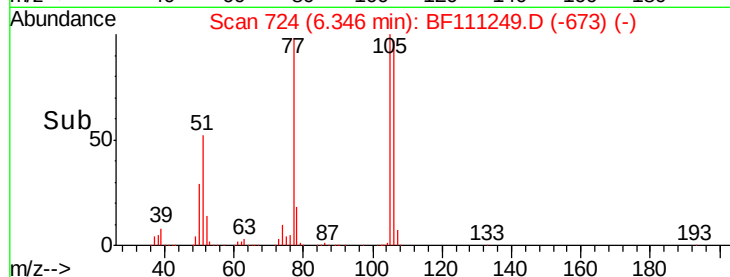
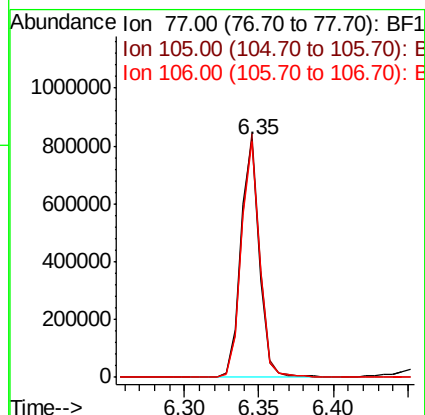
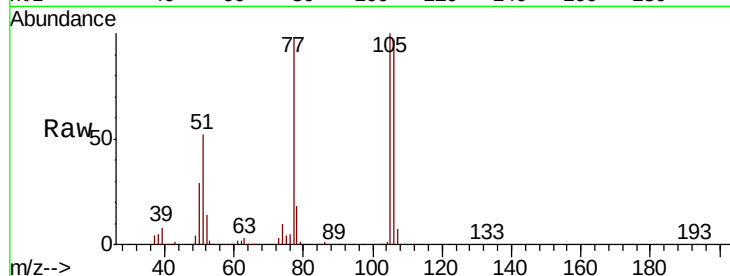
Tgt Ion: 77 Resp: 714941

Ion Ratio Lower Upper

77 100

105 102.3 81.4 121.4

106 99.2 77.9 117.9



#10

Phenol

Concen: 38.174 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

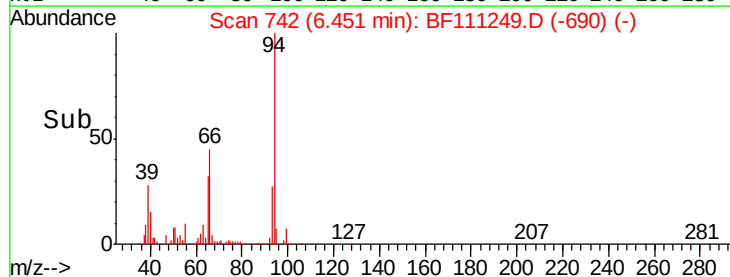
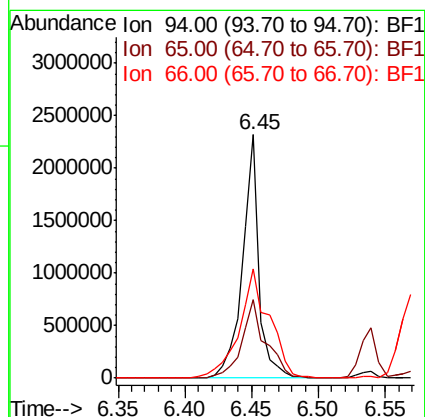
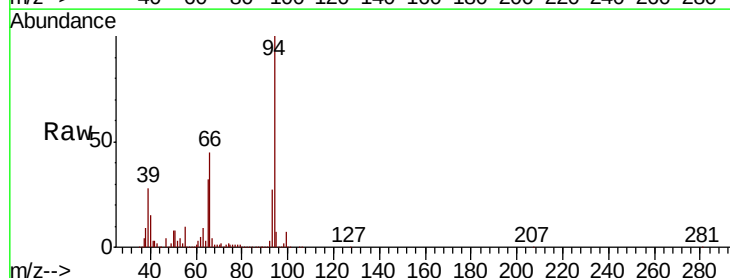
Tgt Ion: 94 Resp: 2008262

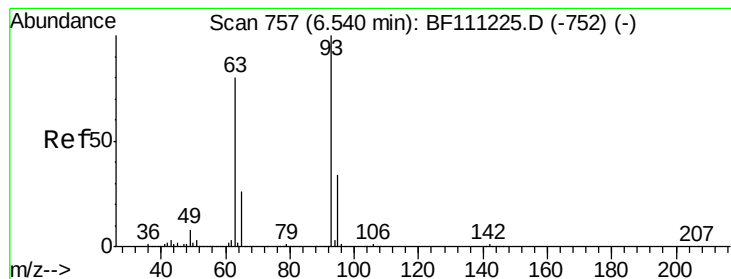
Ion Ratio Lower Upper

94 100

65 32.3 11.7 51.7

66 45.1 21.0 61.0





#11

bis(2-Chloroethyl)ether

Concen: 38.470 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

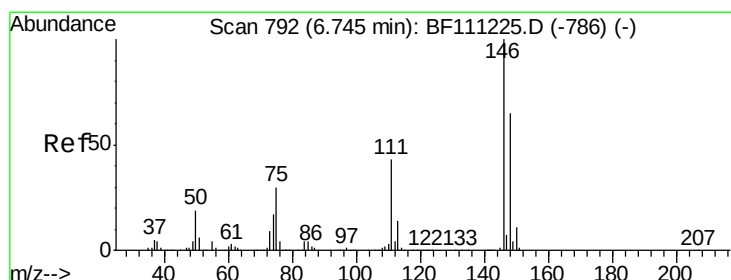
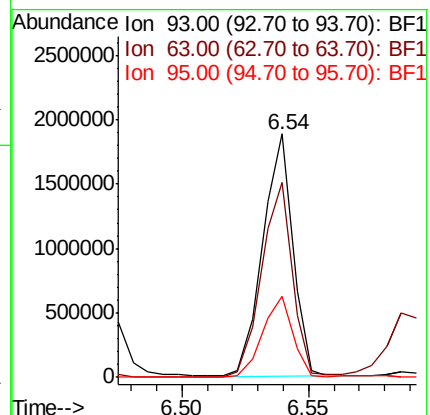
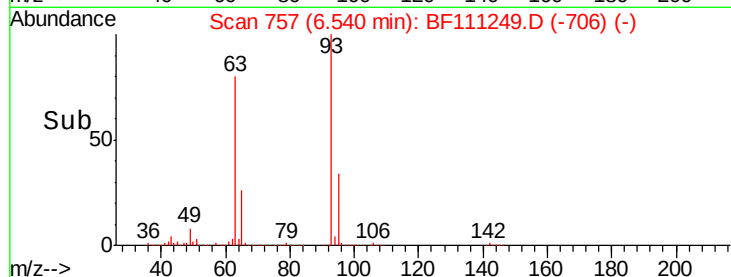
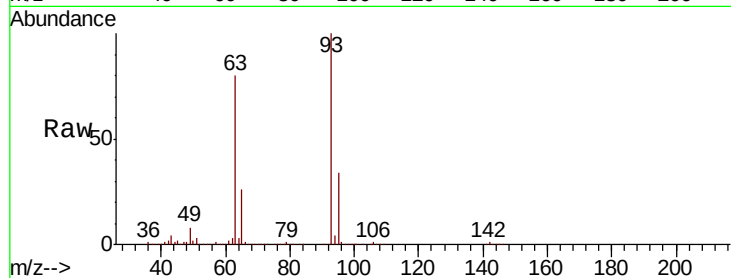
Tgt Ion: 93 Resp: 1565212

Ion Ratio Lower Upper

93 100

63 80.1 60.0 100.0

95 33.5 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 37.571 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

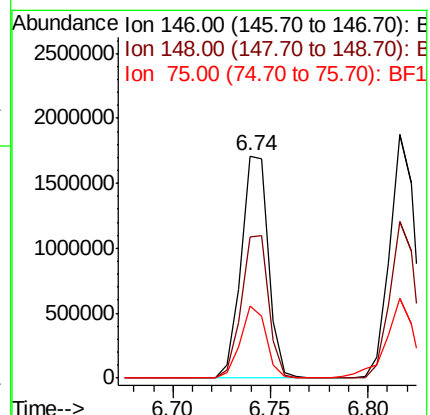
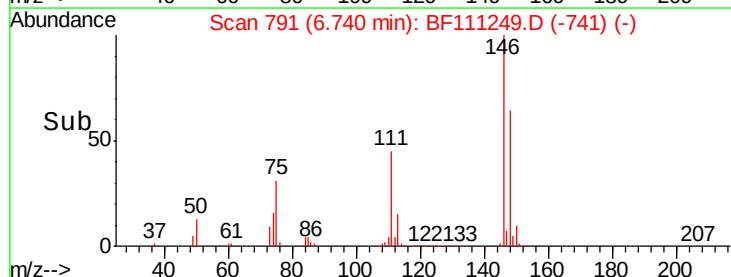
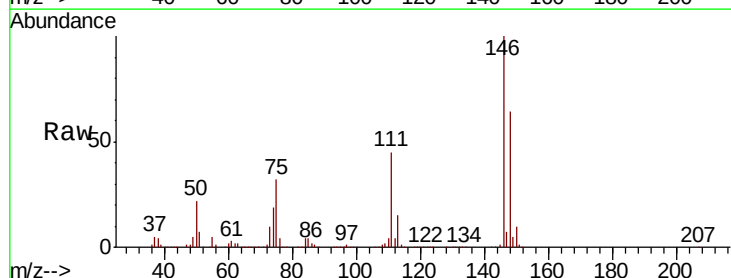
Tgt Ion: 146 Resp: 1661272

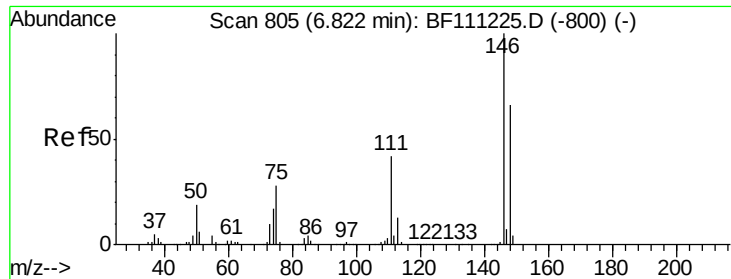
Ion Ratio Lower Upper

146 100

148 63.8 52.1 78.1

75 32.3 23.9 35.9

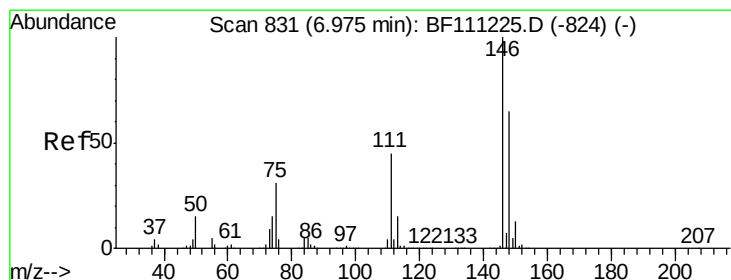
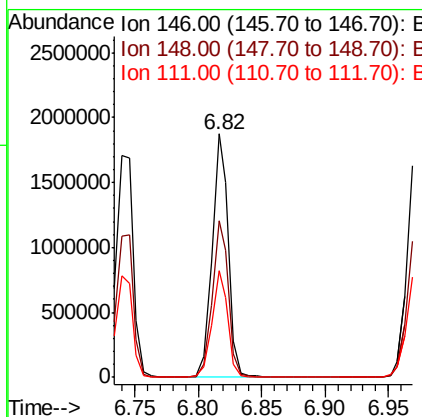
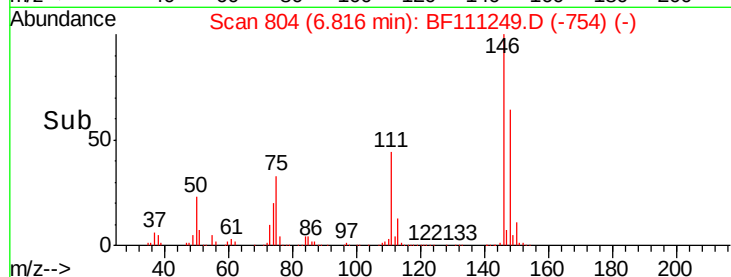
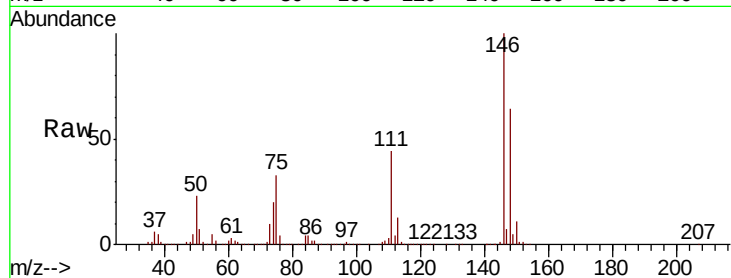




#13
 1,4-Dichlorobenzene
 Concen: 37.677 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

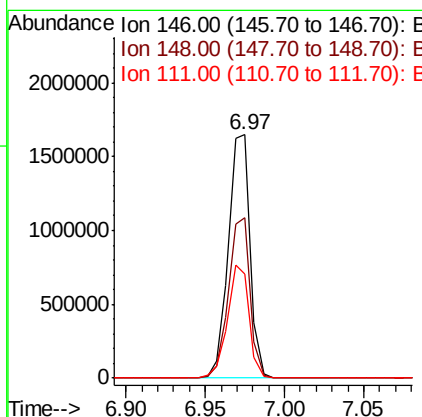
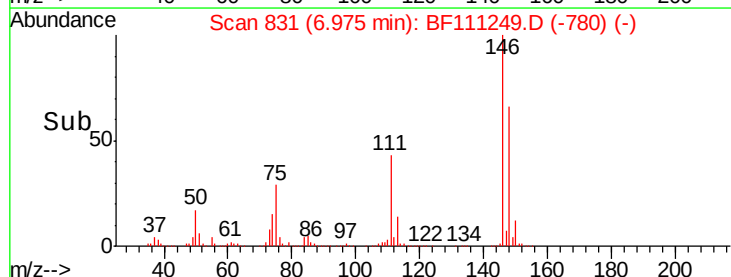
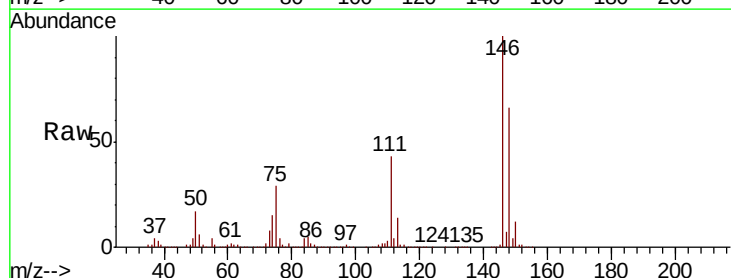
Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

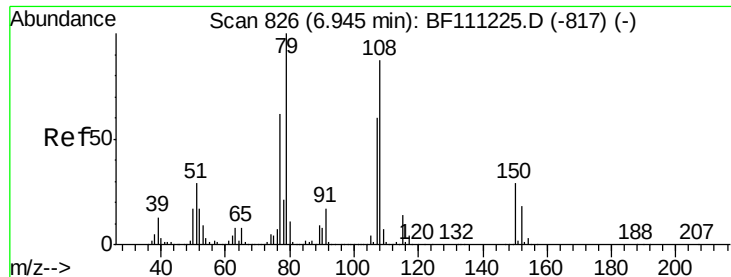
Tgt Ion:146 Resp: 1682172
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.8 79.2
 111 44.0 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 37.642 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion:146 Resp: 1567510
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.9 77.9
 111 42.9 36.2 54.4





#15

Benzyl Alcohol

Concen: 39.258 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

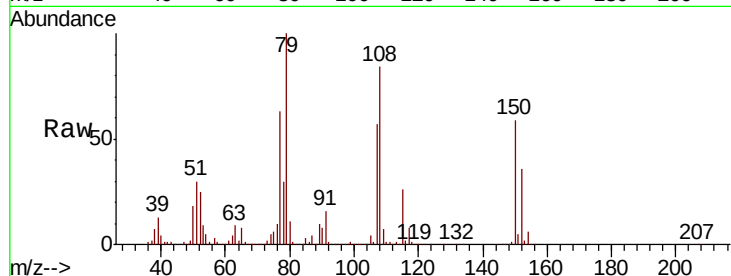
Tgt Ion: 79 Resp: 1397765

Ion Ratio Lower Upper

79 100

108 84.2 69.4 104.2

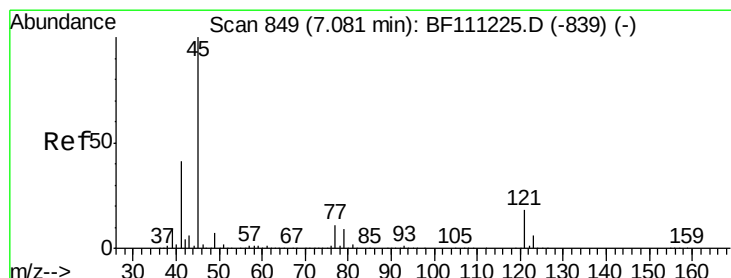
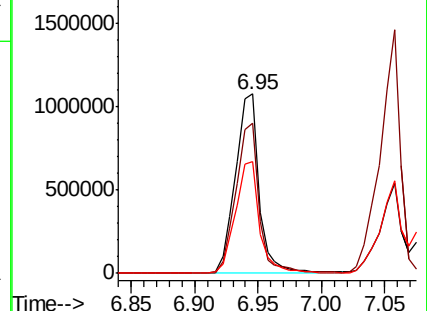
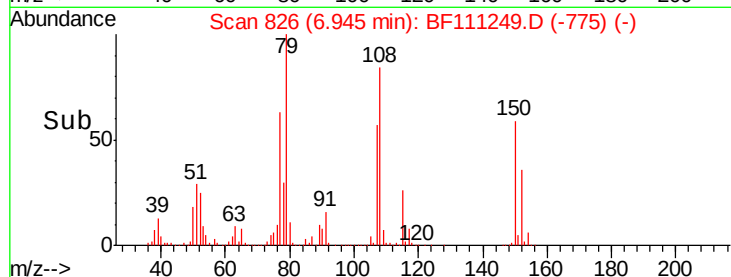
77 62.7 49.7 74.5



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: 39.732 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

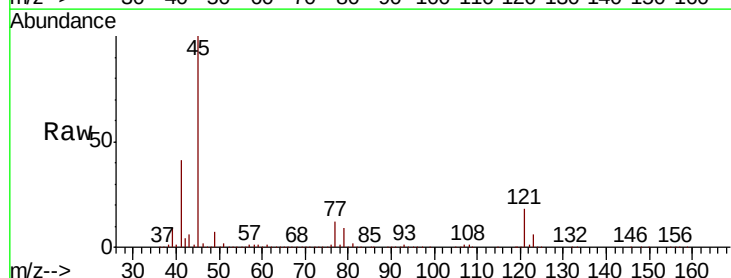
Tgt Ion: 45 Resp: 3026575

Ion Ratio Lower Upper

45 100

77 11.6 0.0 31.5

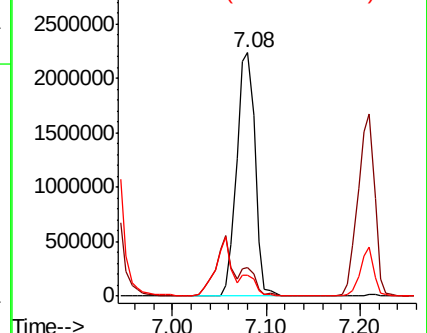
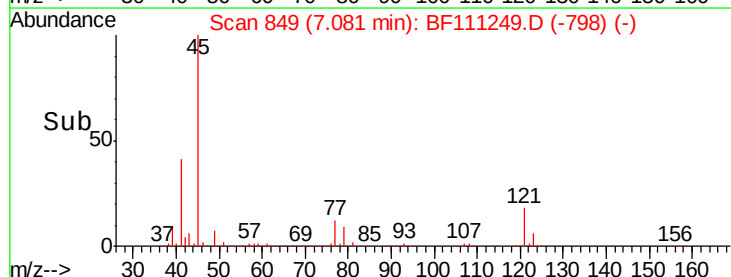
79 8.8 0.0 28.9

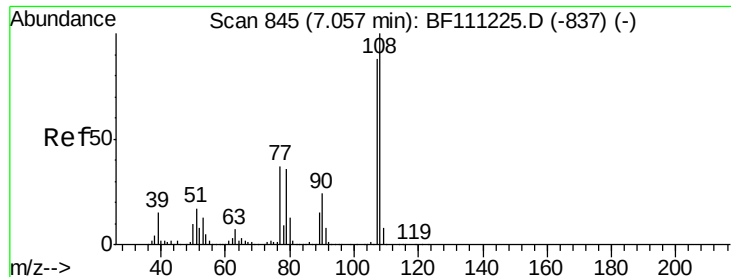


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

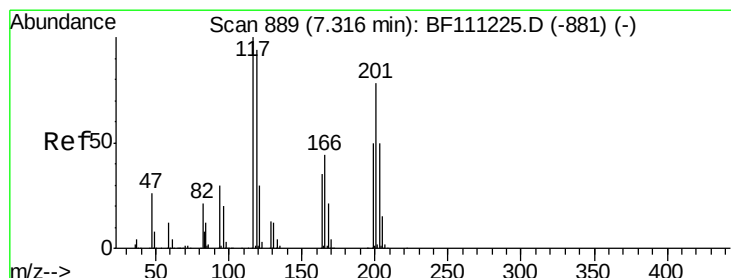
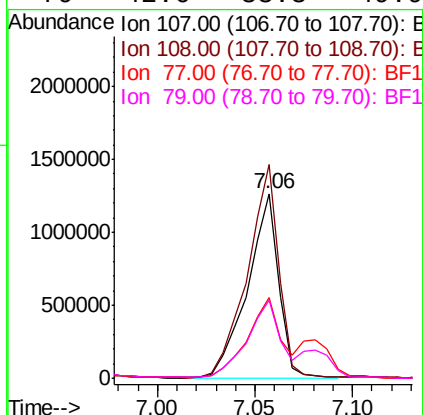
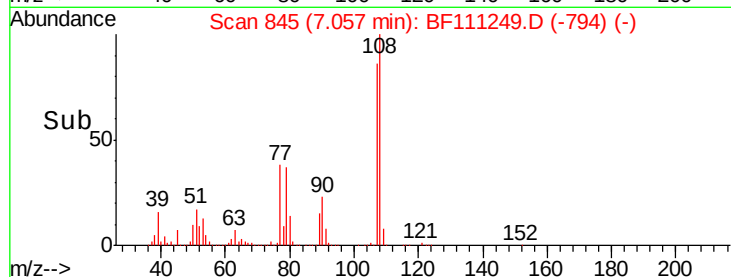
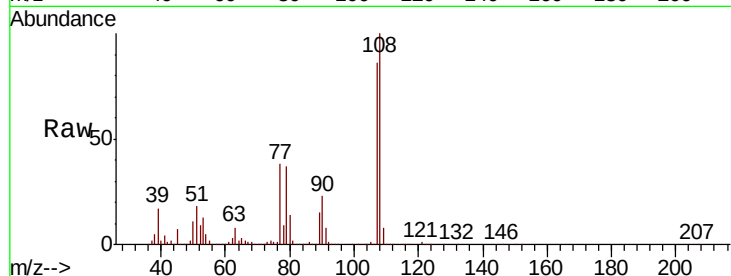




#17
2-Methylphenol
Concen: 41.452 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

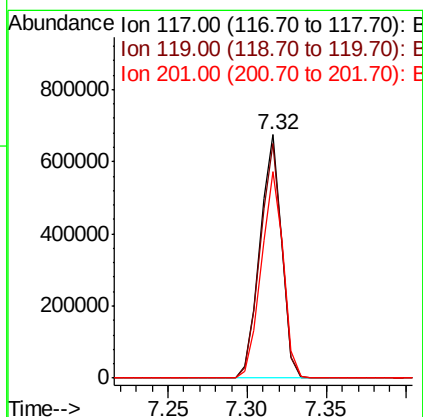
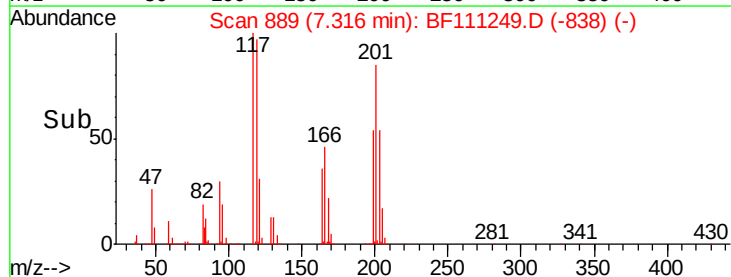
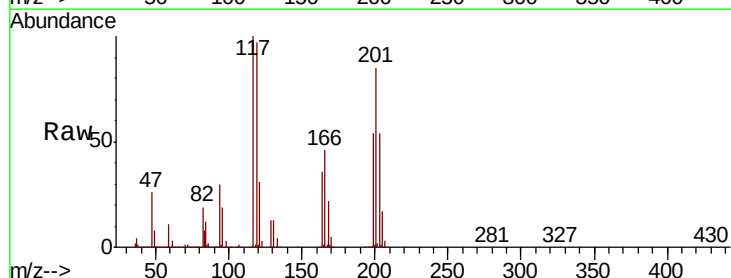
Instrument :
BNA_F
ClientSampleId :
PB115276BSD

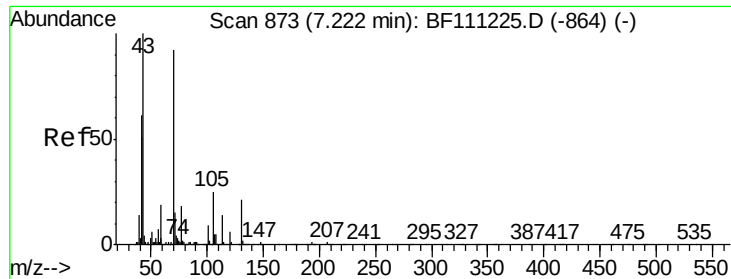
Tgt Ion:107 Resp: 1392691
Ion Ratio Lower Upper
107 100
108 115.8 91.0 136.4
77 44.1 33.5 50.3
79 42.6 33.3 49.9



#18
Hexachloroethane
Concen: 38.062 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:117 Resp: 647001
Ion Ratio Lower Upper
117 100
119 96.5 75.4 113.0
201 84.8 62.4 93.6

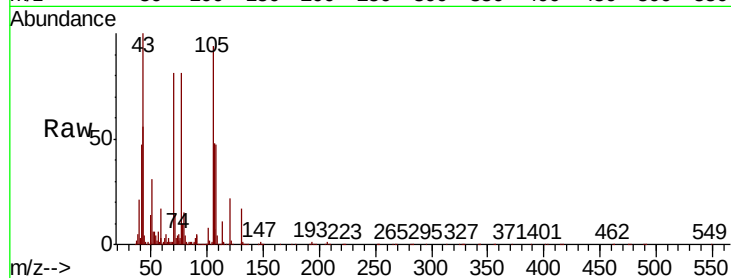




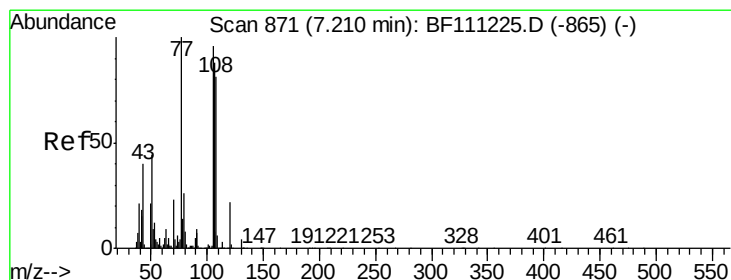
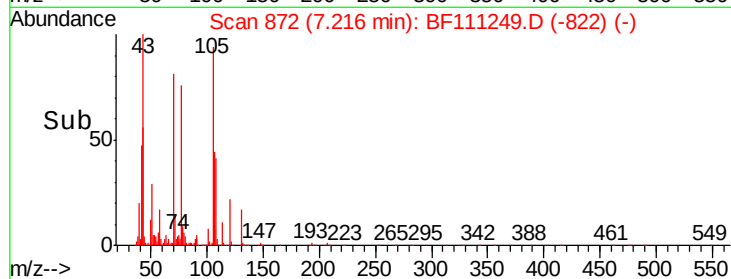
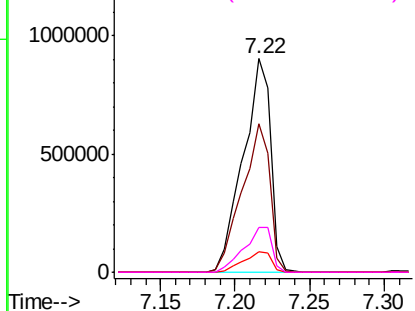
#19
n-Nitroso-di-n-propylamine
Concen: 38.402 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tgt Ion: 70 Resp: 1157416
Ion Ratio Lower Upper
70 100
42 69.8 53.2 79.8
101 9.7 8.2 12.4
130 21.0 18.1 27.1

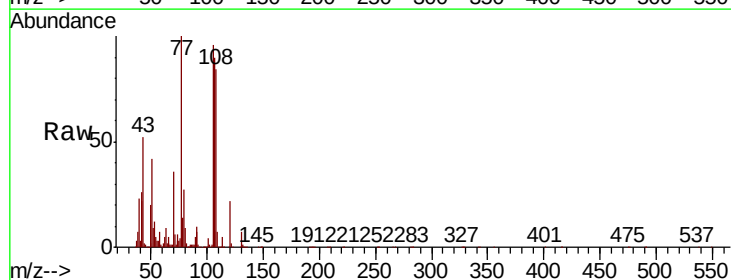


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

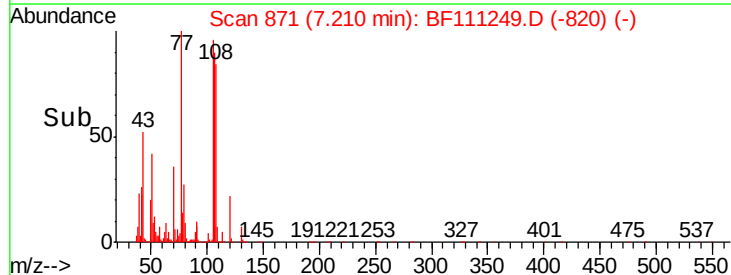
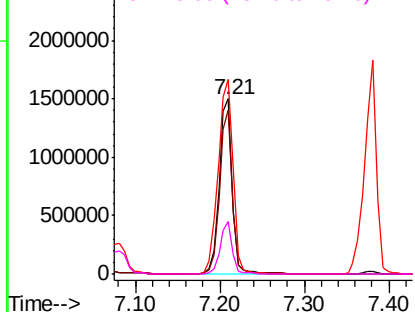


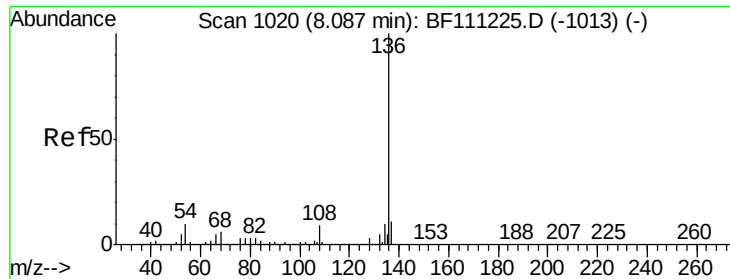
#20
3+4-Methylphenols
Concen: 40.407 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion: 107 Resp: 1614735
Ion Ratio Lower Upper
107 100
108 93.7 72.1 112.1
77 111.2 94.1 134.1
79 30.0 9.8 49.8



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

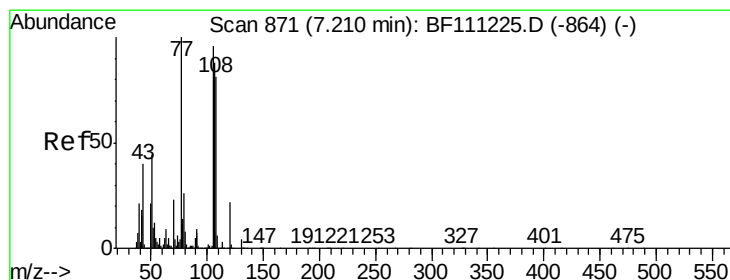
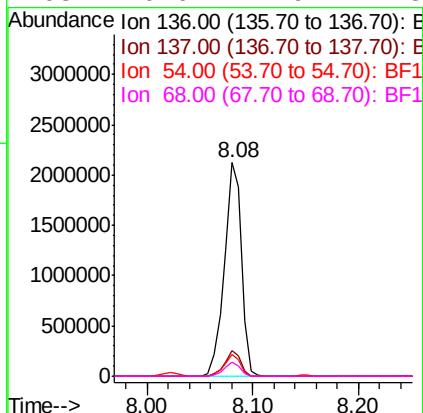
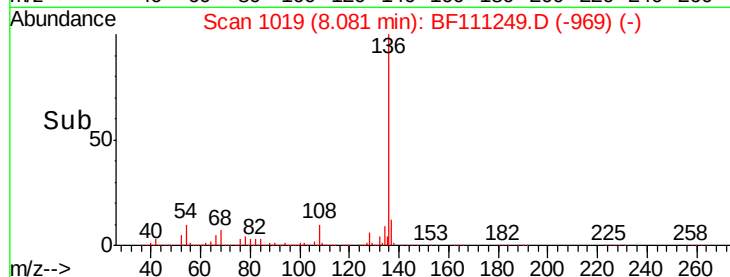
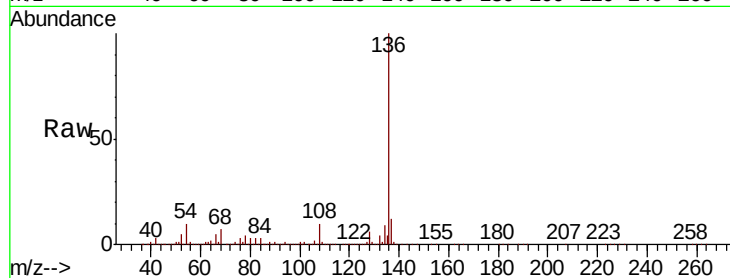




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

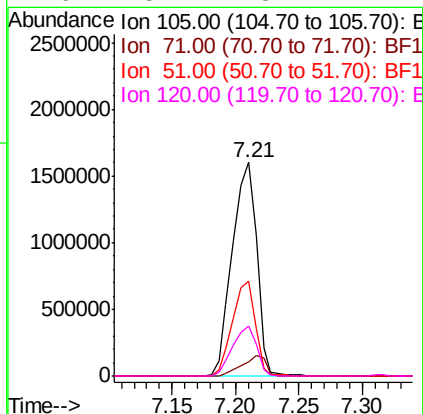
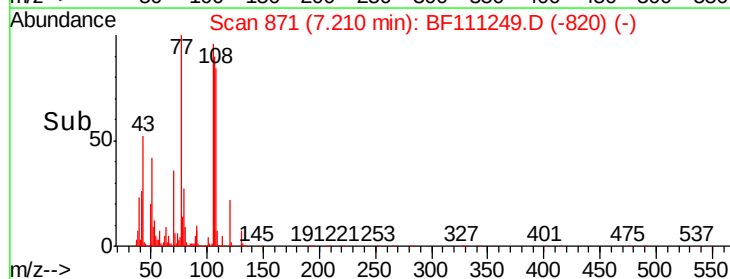
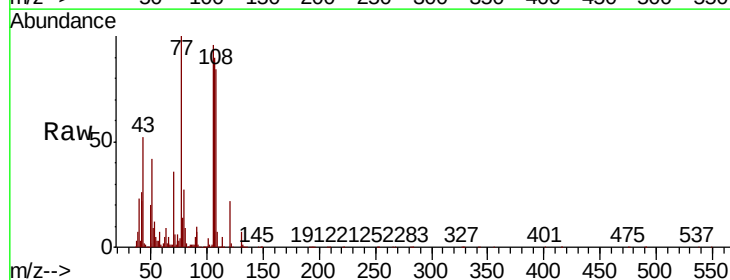
Instrument :
BNA_F
ClientSampleId :
PB115276BSD

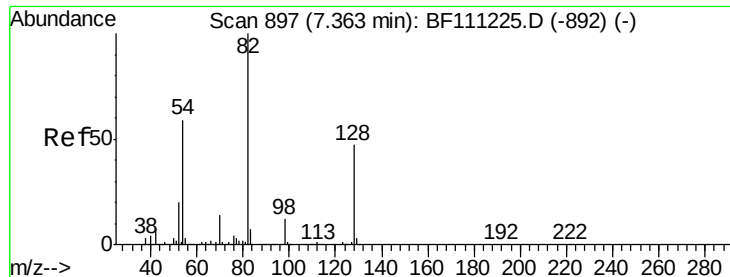
Tgt Ion:	136	Resp:	2383618
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.3	7.7	11.5
68	6.6	4.9	7.3



#22
Acetophenone
Concen: 39.207 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:	105	Resp:	2138303
Ion	Ratio	Lower	Upper
105	100		
71	6.4	3.1	4.7#
51	44.1	36.6	54.8
120	23.4	18.2	27.4





#23

Nitrobenzene-d5

Concen: 62.947 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

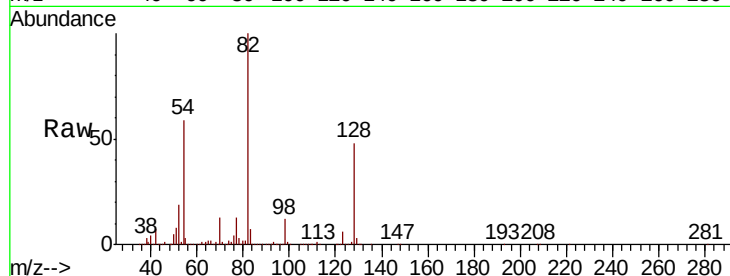
Tgt Ion: 82 Resp: 2675091

Ion Ratio Lower Upper

82 100

128 48.4 37.4 56.2

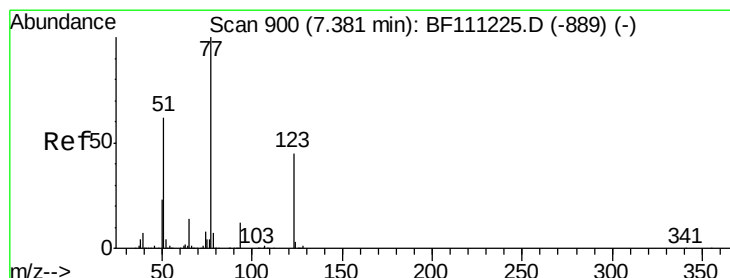
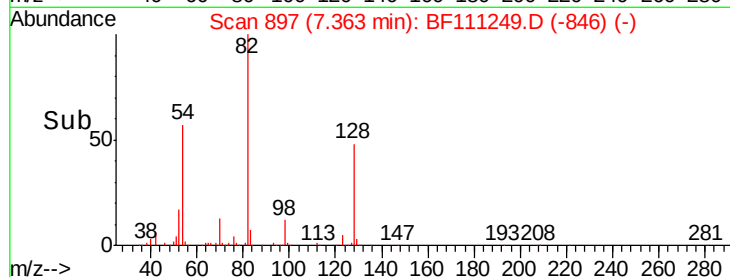
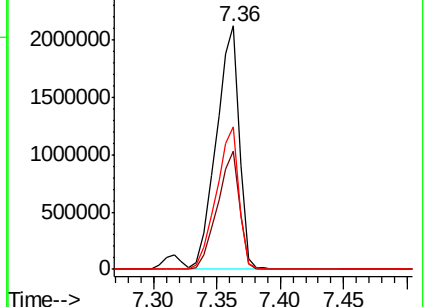
54 58.5 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 39.124 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

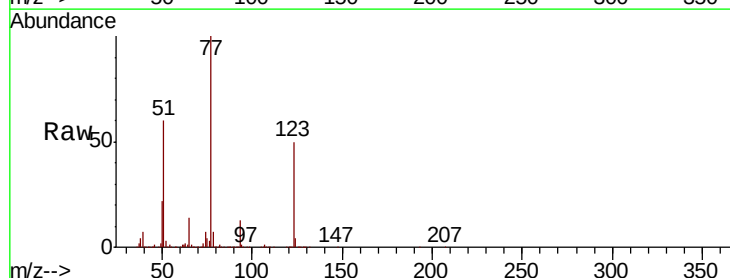
Tgt Ion: 77 Resp: 1730488

Ion Ratio Lower Upper

77 100

123 49.6 37.2 55.8

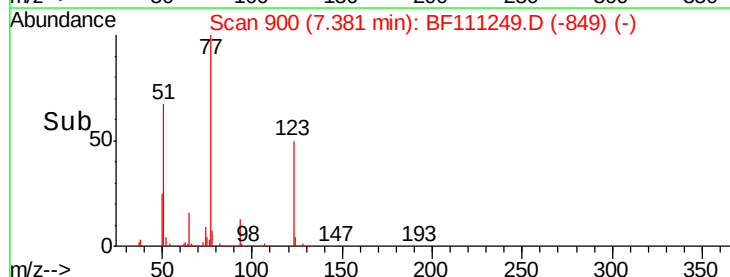
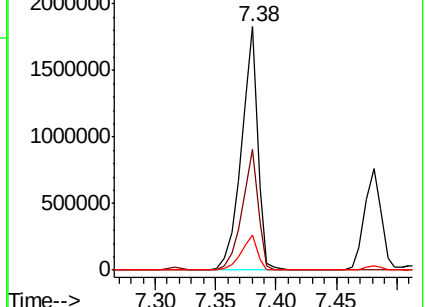
65 14.2 11.5 17.3

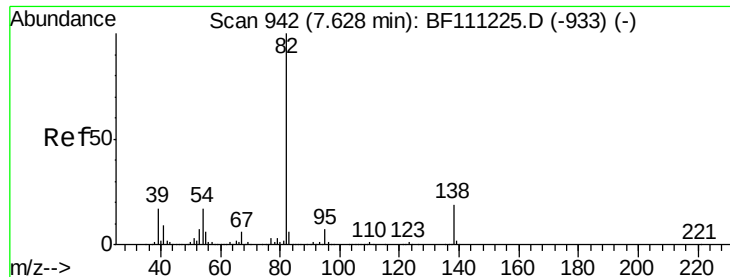


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.700 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

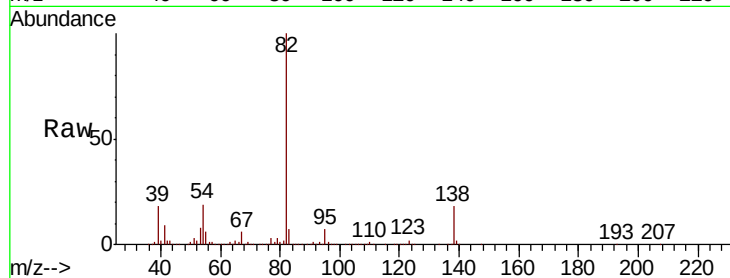
Tgt Ion: 82 Resp: 3235483

Ion Ratio Lower Upper

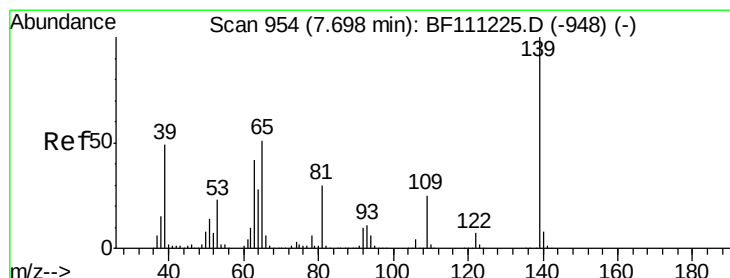
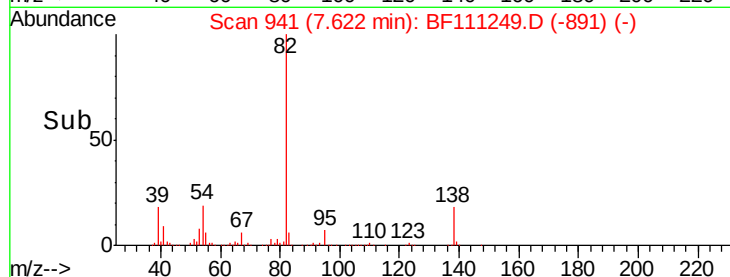
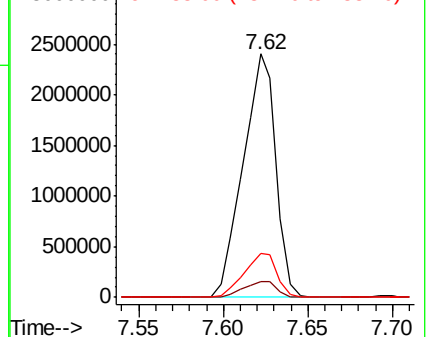
82 100

95 6.5 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: 40.004 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

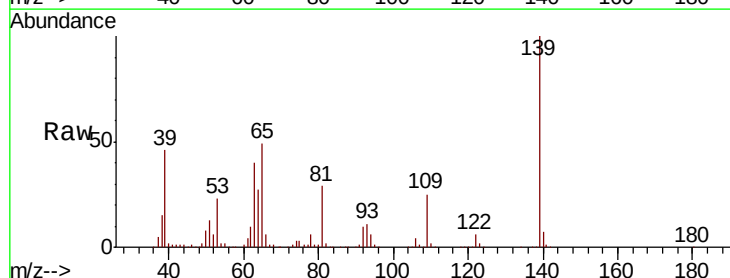
Tgt Ion: 139 Resp: 879118

Ion Ratio Lower Upper

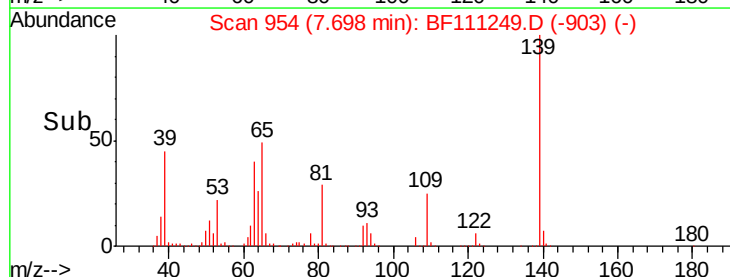
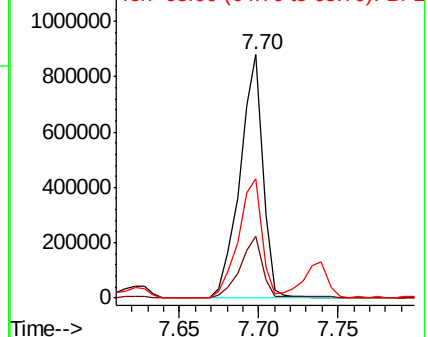
139 100

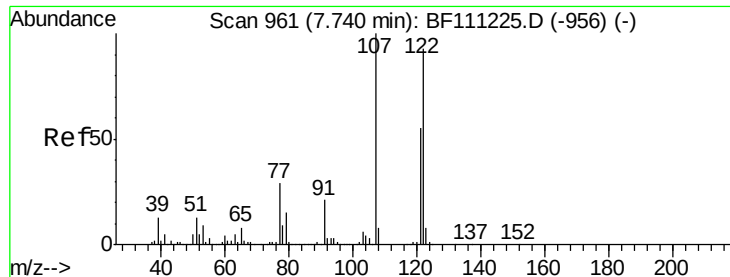
109 25.2 20.2 30.4

65 49.1 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: 45.408 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

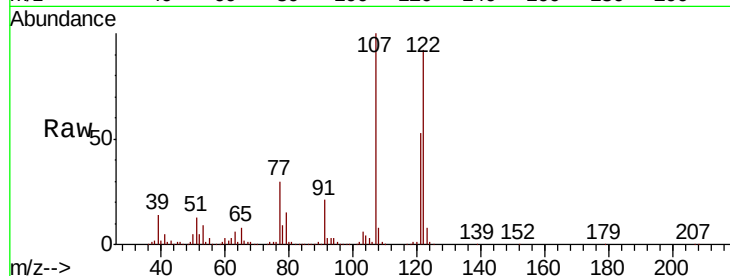
Tgt Ion:122 Resp: 1541955

Ion Ratio Lower Upper

122 100

107 108.6 85.5 128.3

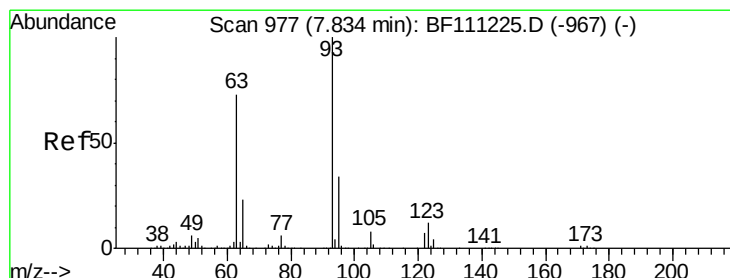
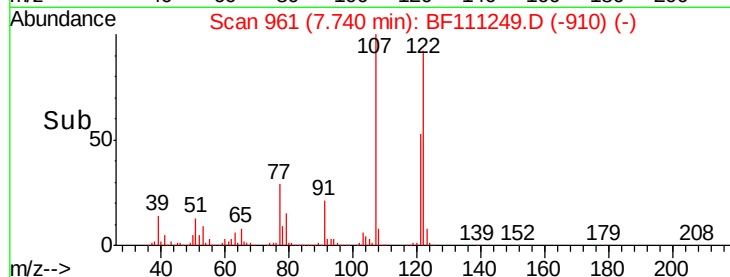
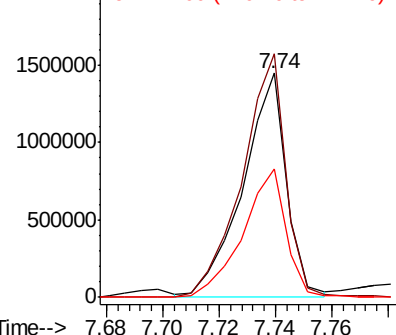
121 57.5 46.6 70.0



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: 41.232 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

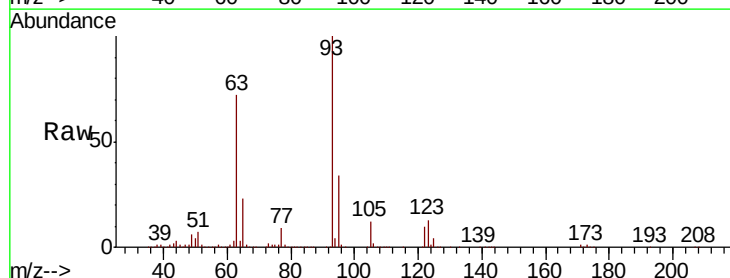
Tgt Ion: 93 Resp: 2066657

Ion Ratio Lower Upper

93 100

95 34.0 27.1 40.7

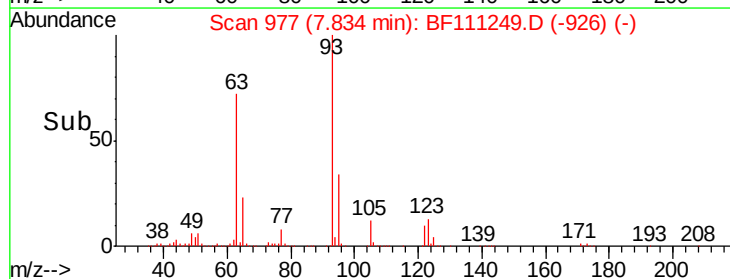
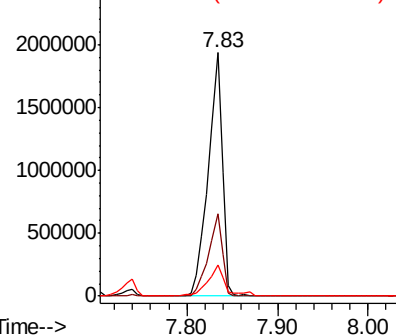
123 12.5 9.9 14.9

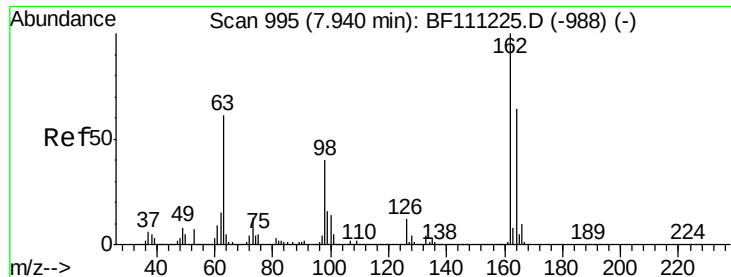


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

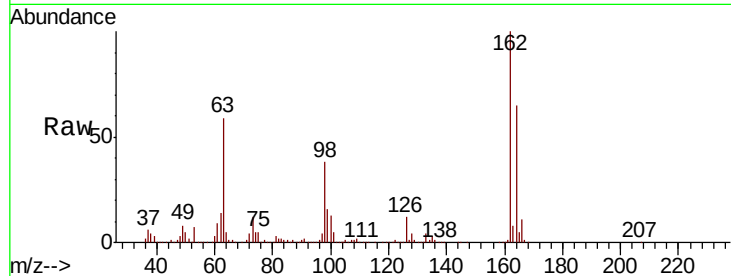




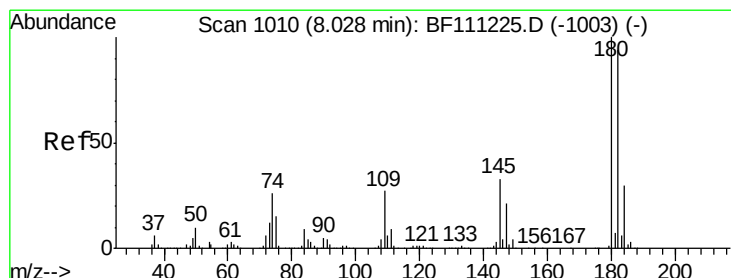
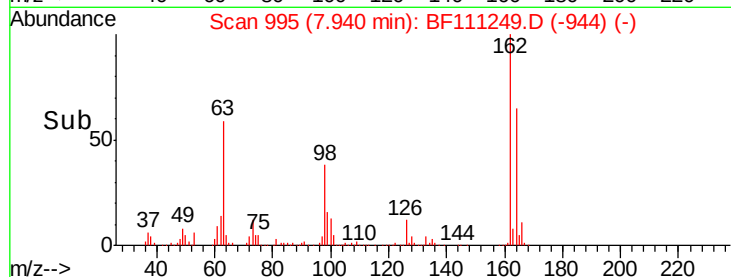
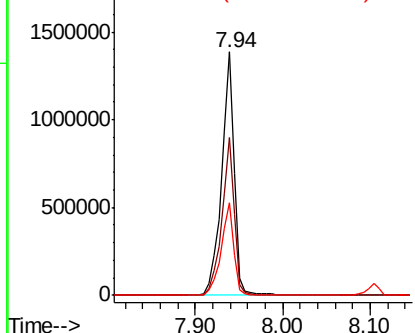
#29
2,4-Dichlorophenol
Concen: 40.165 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tgt Ion:162 Resp: 1394636
Ion Ratio Lower Upper
162 100
164 65.0 44.4 84.4
98 37.9 20.3 60.3

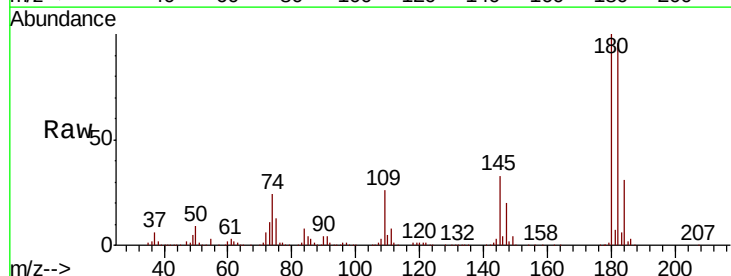


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

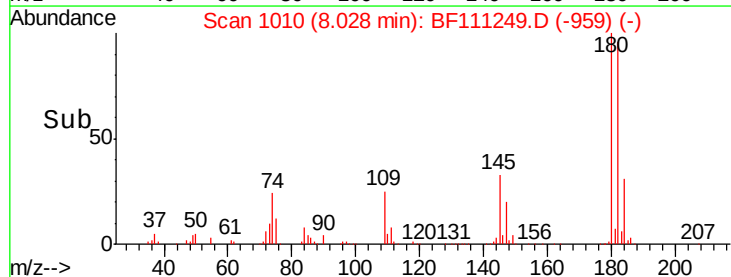
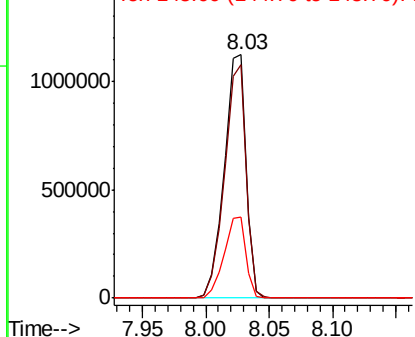


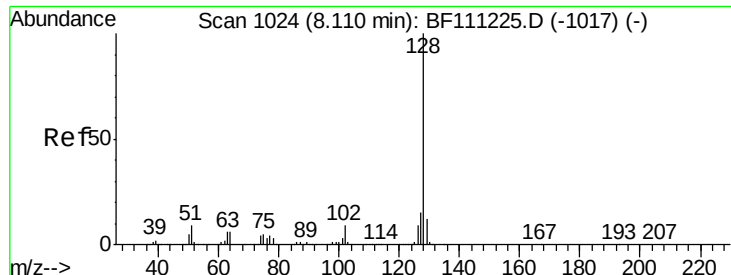
#30
1,2,4-Trichlorobenzene
Concen: 38.946 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:180 Resp: 1332039
Ion Ratio Lower Upper
180 100
182 95.6 75.6 113.4
145 33.1 26.7 40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

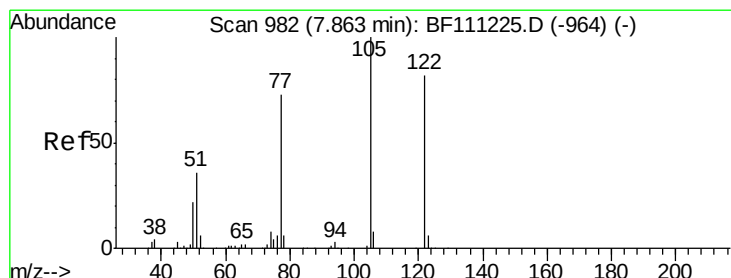
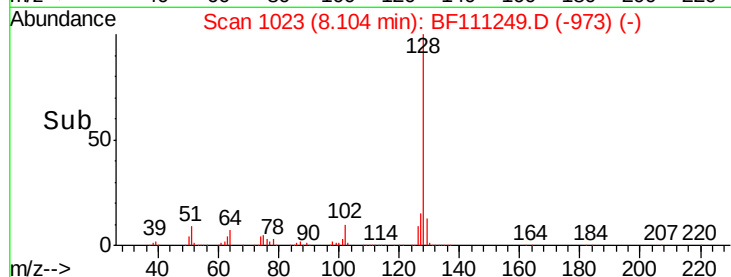
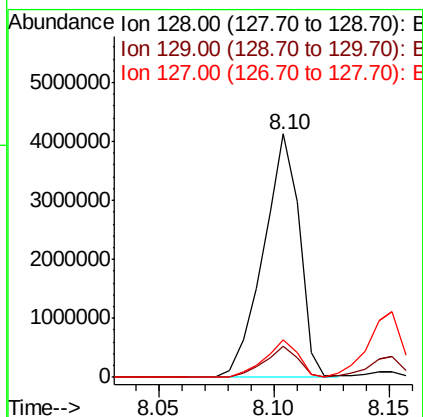
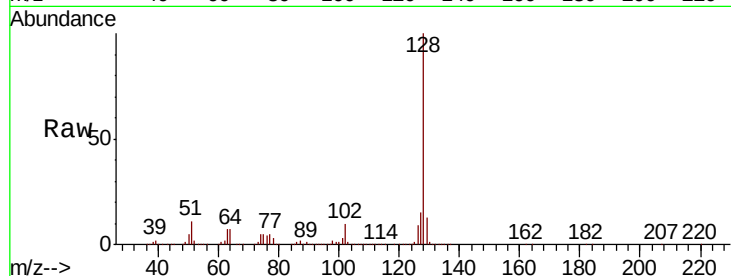




#31
Naphthalene
Concen: 43.006 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

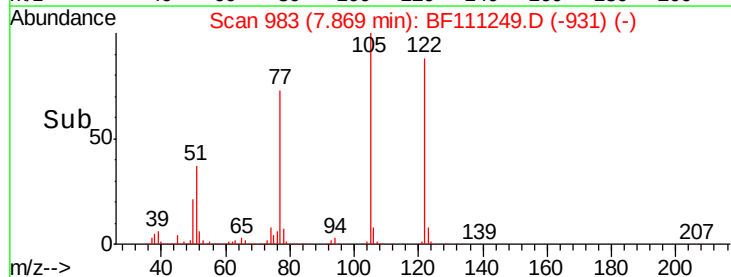
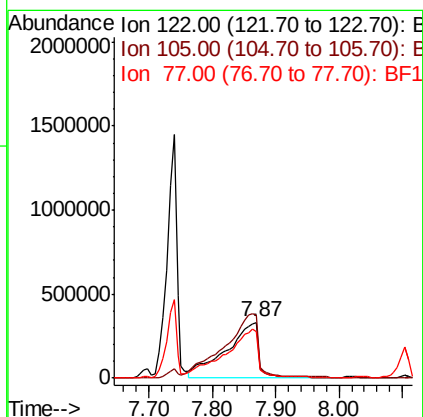
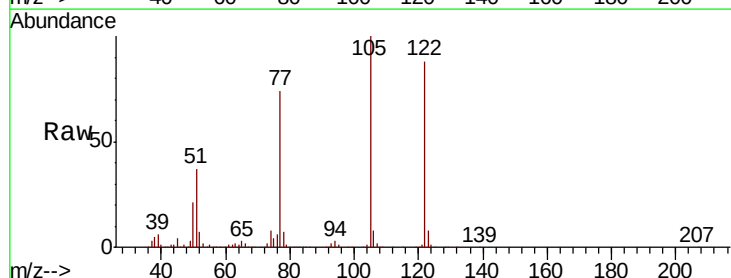
Instrument :
BNA_F
ClientSampleId :
PB115276BSD

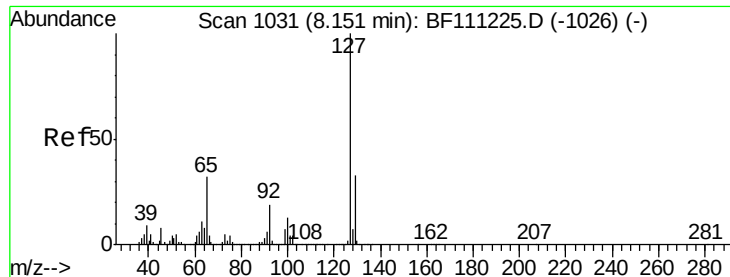
Tgt Ion:128 Resp: 4473911
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.8
127 15.2 12.0 18.0



#32
Benzoic acid
Concen: 42.245 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:122 Resp: 1186289
Ion Ratio Lower Upper
122 100
105 114.3 97.0 137.0
77 84.2 65.7 105.7

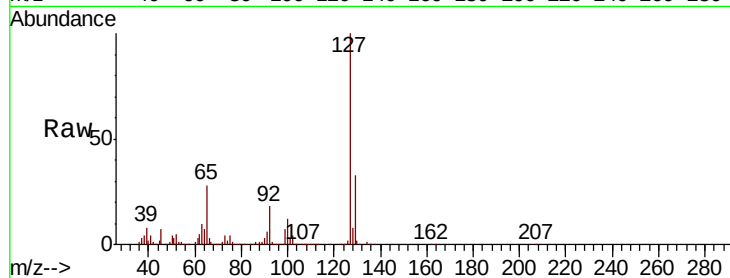




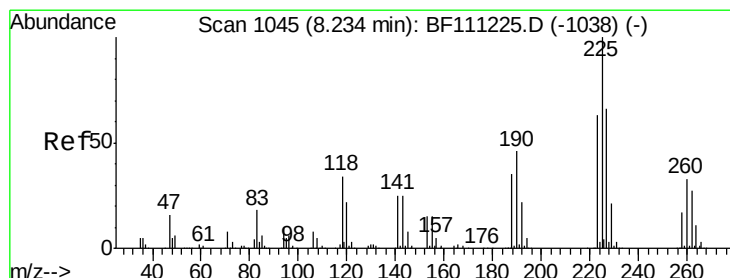
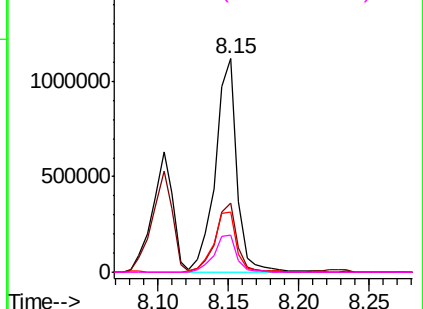
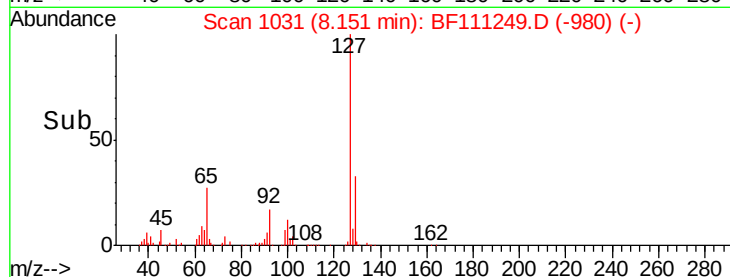
#33
4-Chloroaniline
Concen: 23.679 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tgt Ion:127 Resp: 1183163
Ion Ratio Lower Upper
127 100
129 32.6 26.6 39.8
65 28.3 25.7 38.5
92 17.6 15.4 23.2

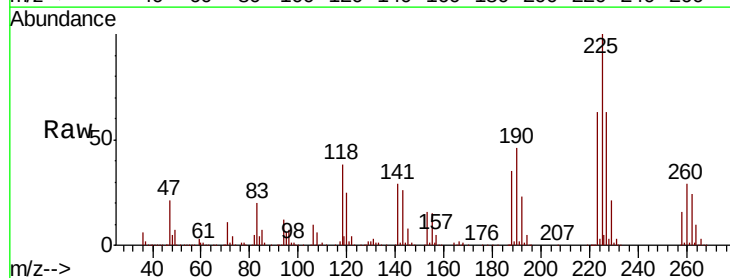


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

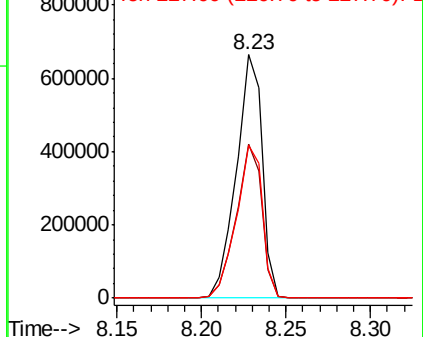
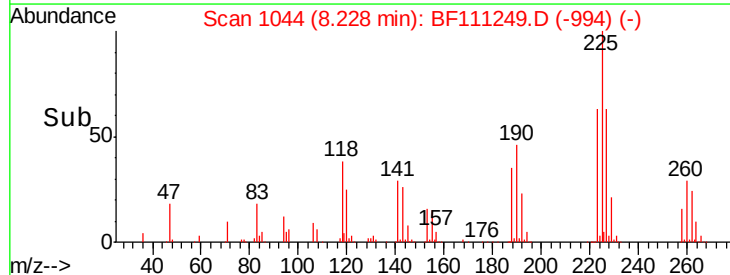


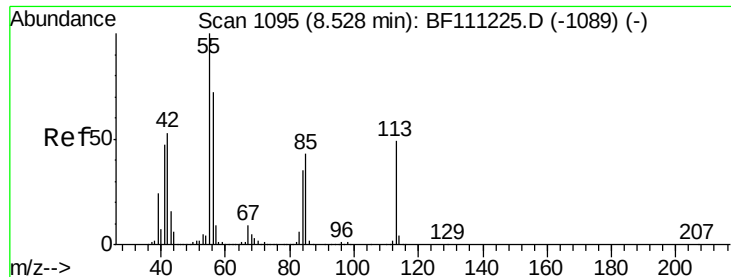
#34
Hexachlorobutadiene
Concen: 37.427 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:225 Resp: 706610
Ion Ratio Lower Upper
225 100
223 63.1 50.7 76.1
227 62.7 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

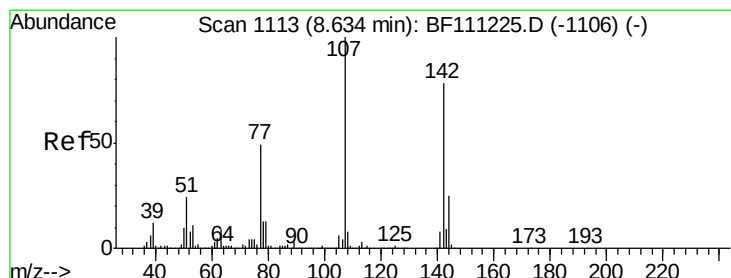
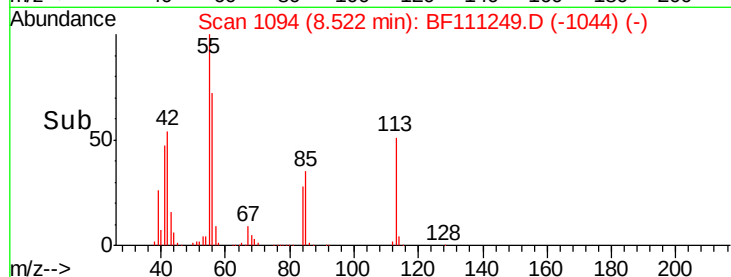
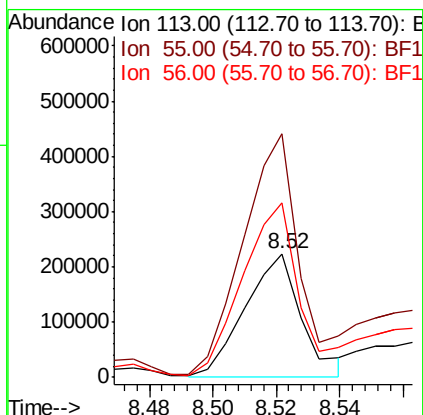
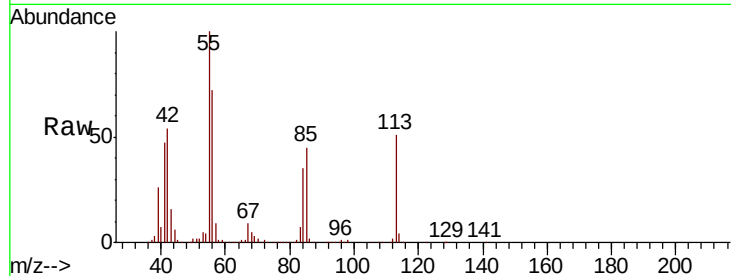




#35
 Caprolactam
 Concen: 22.405 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

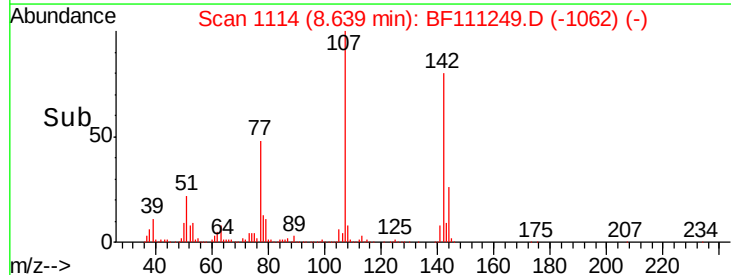
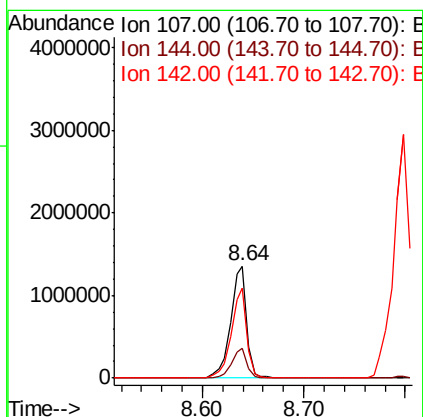
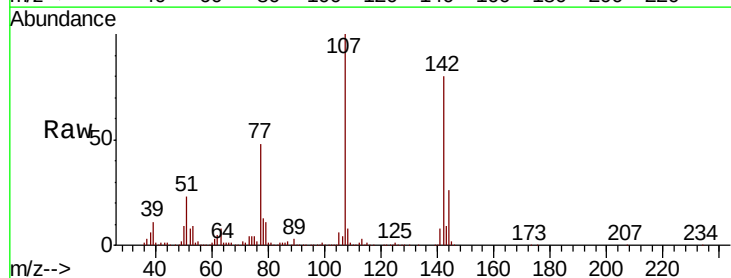
Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

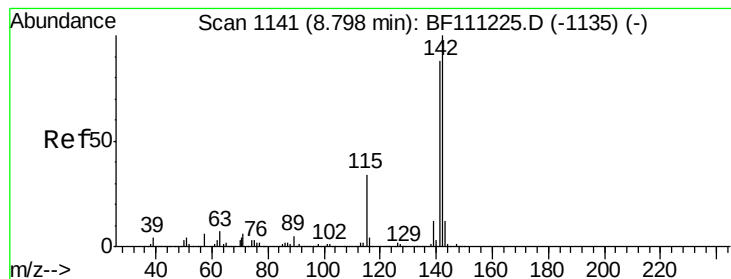
Tgt Ion:113 Resp: 275668
 Ion Ratio Lower Upper
 113 100
 55 197.1 184.1 224.1
 56 141.6 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.952 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion:107 Resp: 1491454
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.8 29.6
 142 80.3 62.3 93.5





#37

2-Methylnaphthalene

Concen: 44.883 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

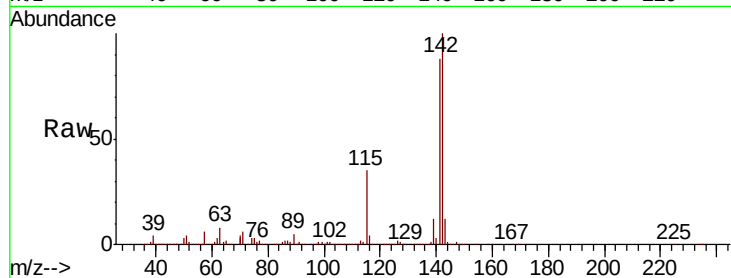
Tgt Ion:142 Resp: 3100003

Ion Ratio Lower Upper

142 100

141 88.4 70.6 105.8

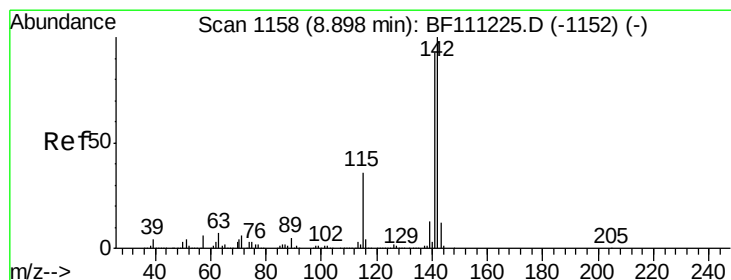
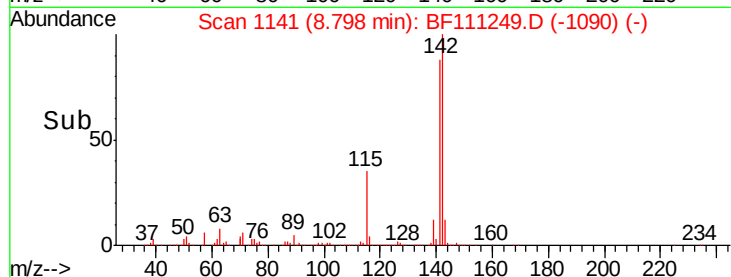
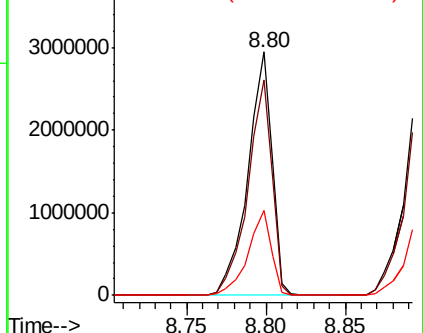
115 34.6 27.0 40.6



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: 43.544 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

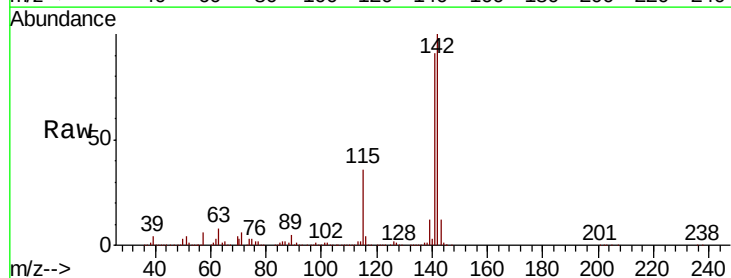
Tgt Ion:142 Resp: 2945233

Ion Ratio Lower Upper

142 100

141 91.1 74.2 111.4

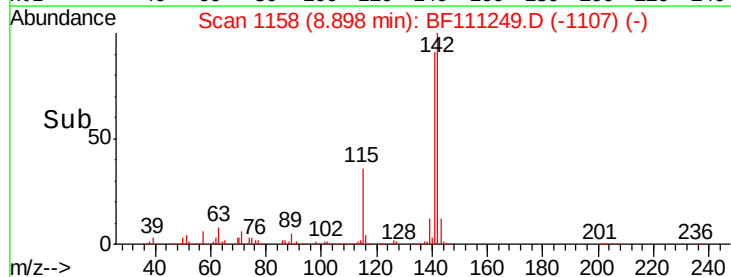
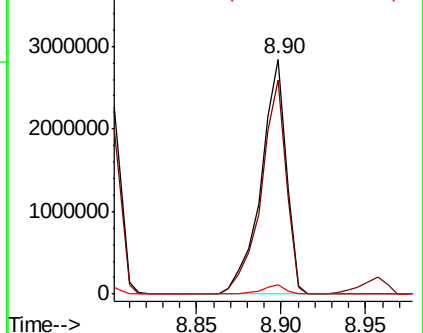
116 3.7 2.9 4.3

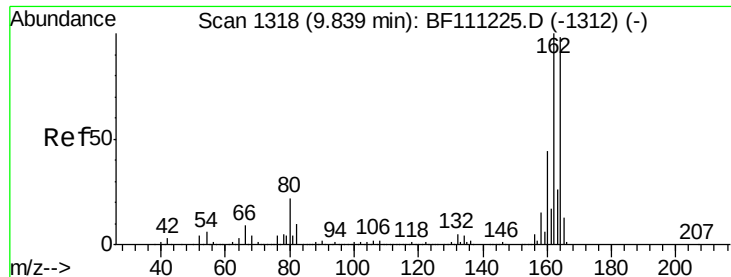


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

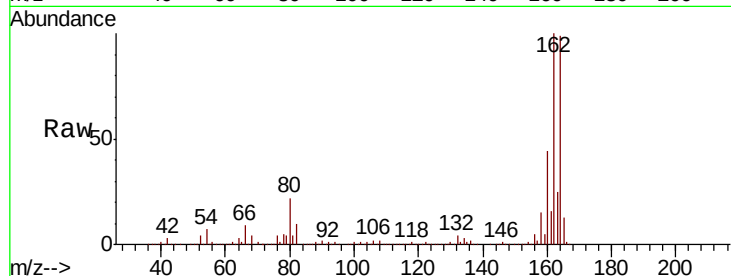




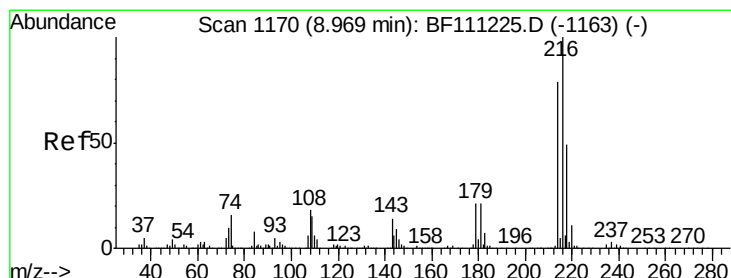
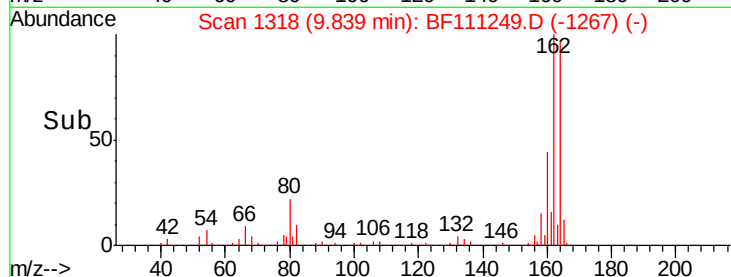
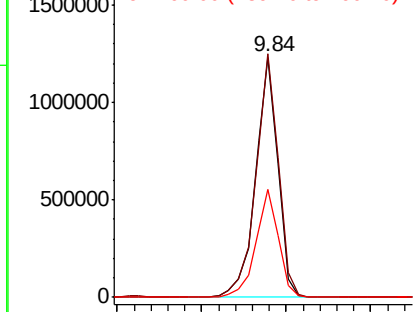
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tgt Ion:164 Resp: 1139510
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 45.0 35.7 53.5

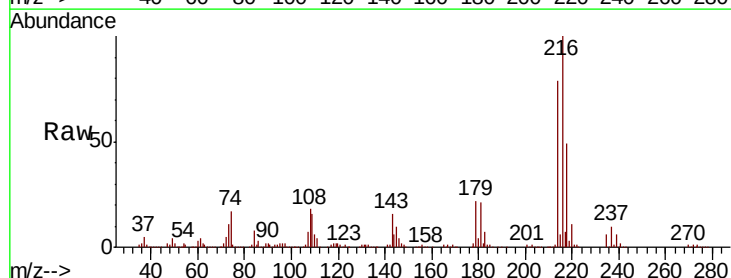


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

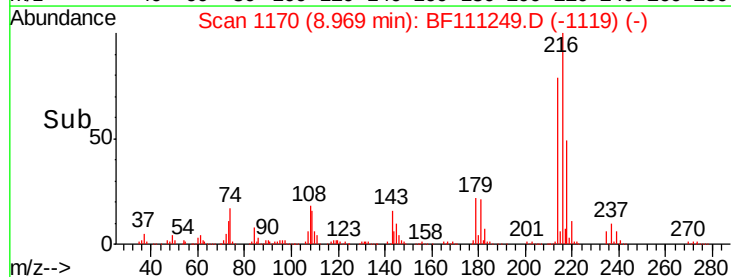
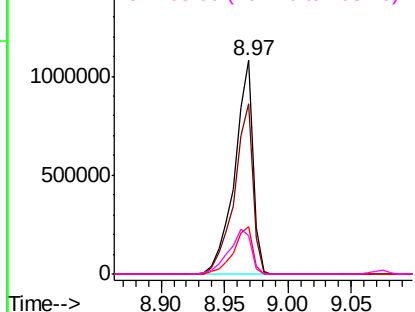


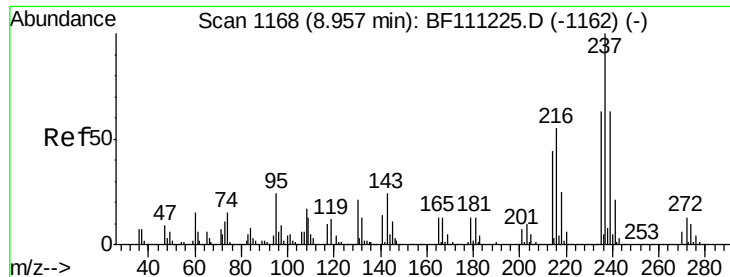
#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.717 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:216 Resp: 1069076
Ion Ratio Lower Upper
216 100
214 80.7 63.8 95.8
179 22.8 17.9 26.9
108 25.8 18.4 27.6



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

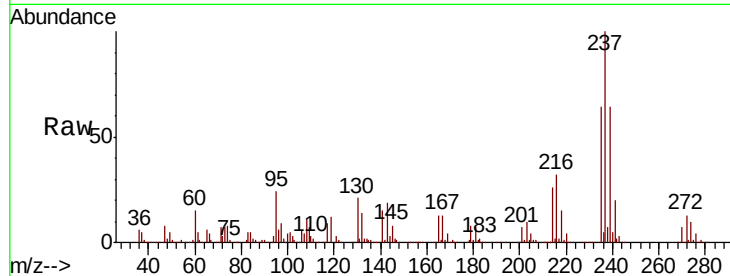




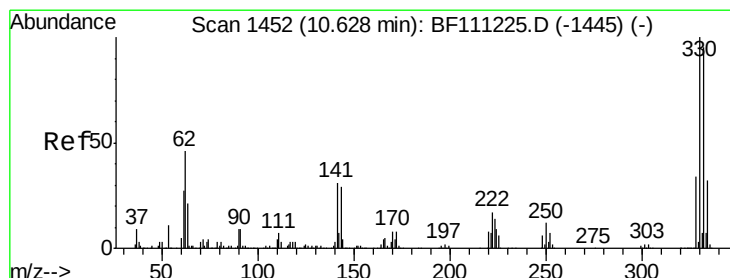
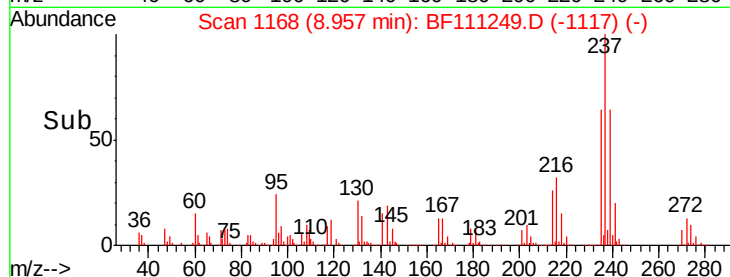
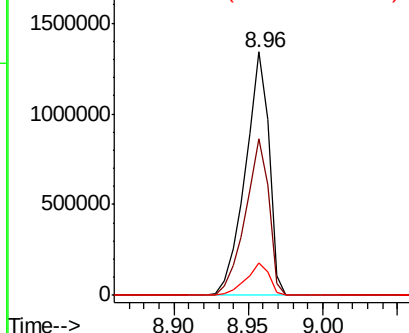
#41
Hexachlorocyclopentadiene
Concen: 81.446 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tgt Ion:237 Resp: 1470682
Ion Ratio Lower Upper
237 100
235 64.1 43.1 83.1
272 13.3 0.0 33.0

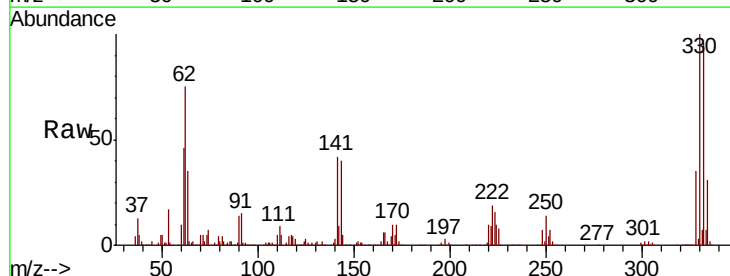


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

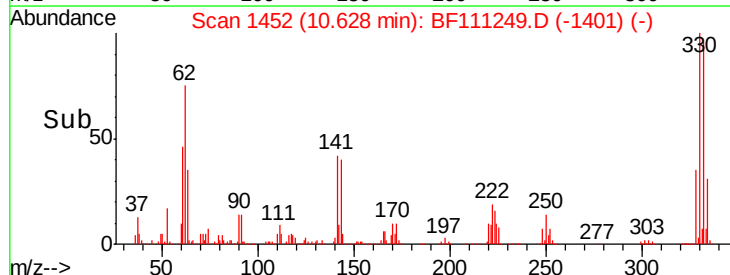
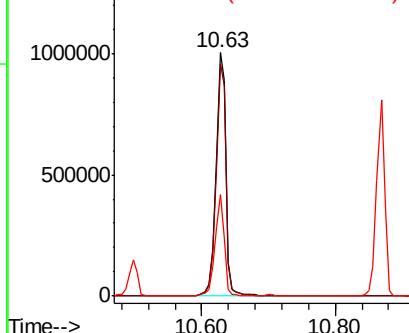


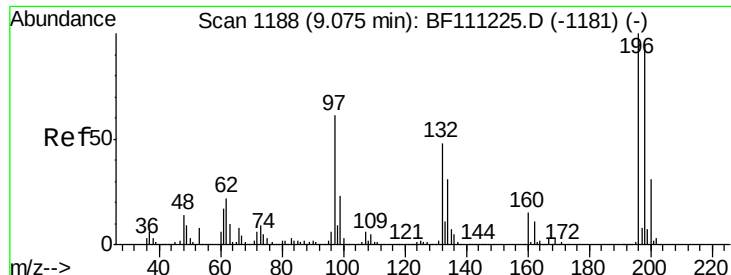
#42
2,4,6-Tribromophenol
Concen: 104.816 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:330 Resp: 1058005
Ion Ratio Lower Upper
330 100
332 95.0 76.0 114.0
141 39.1 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

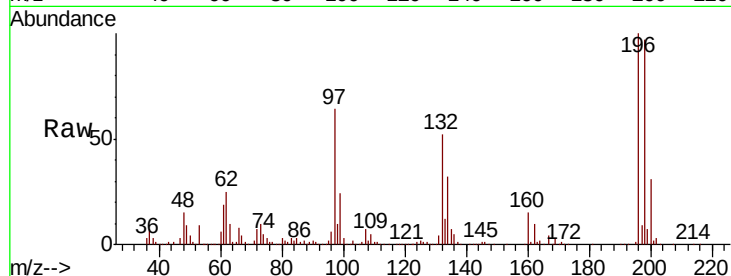




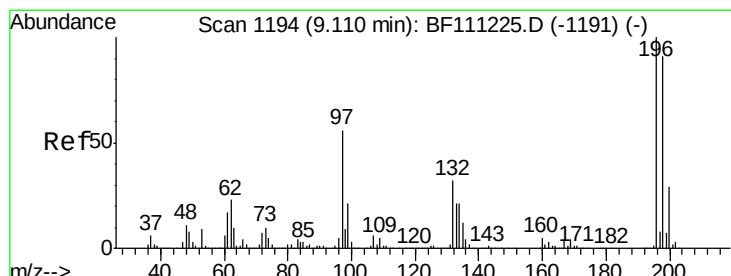
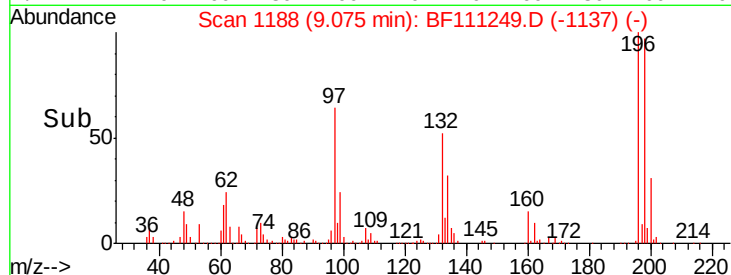
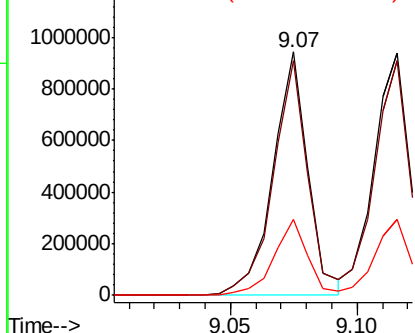
#43
 2,4,6-Trichlorophenol
 Concen: 38.321 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

Tgt Ion:196 Resp: 912067
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.3 114.5
 200 31.2 24.9 37.3

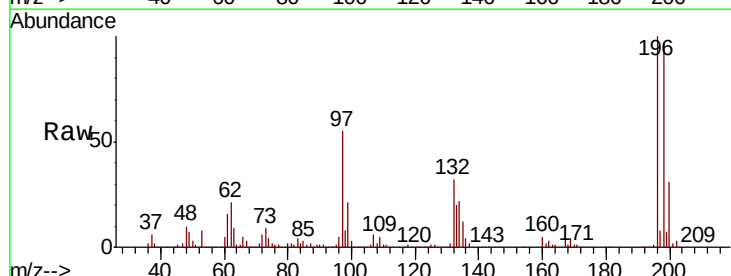


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

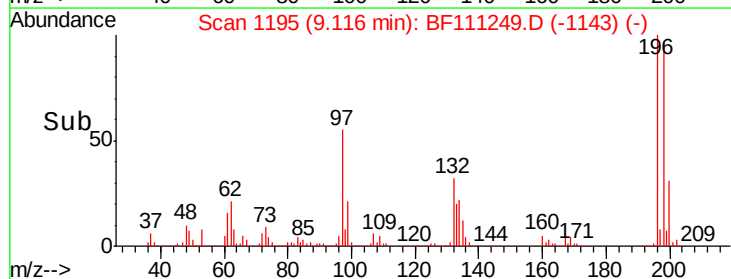
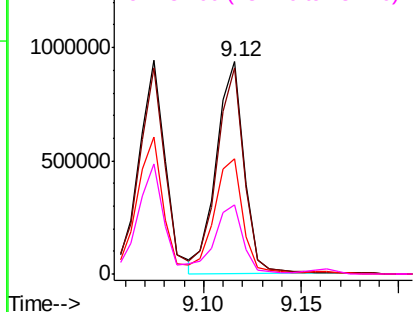


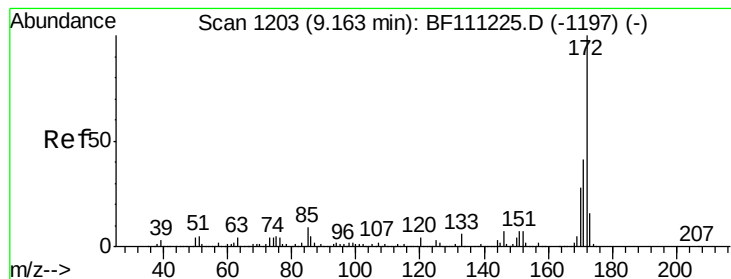
#44
 2,4,5-Trichlorophenol
 Concen: 37.368 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion:196 Resp: 926488
 Ion Ratio Lower Upper
 196 100
 198 97.0 72.9 109.3
 97 54.5 45.3 67.9
 132 32.4 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 60.873 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

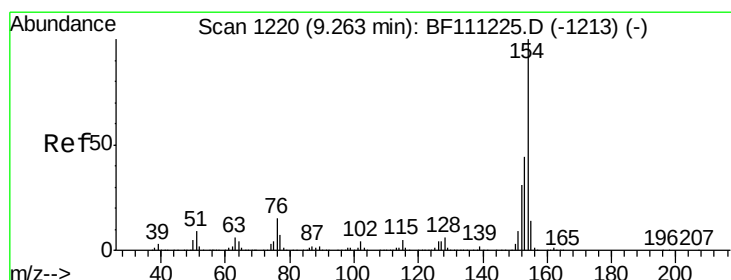
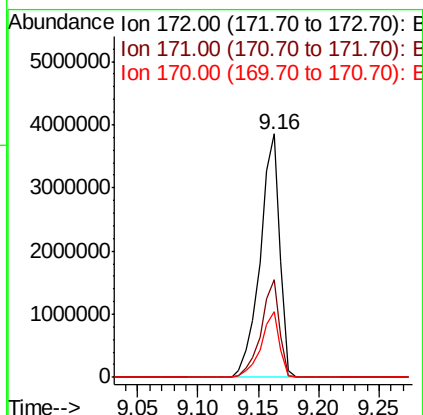
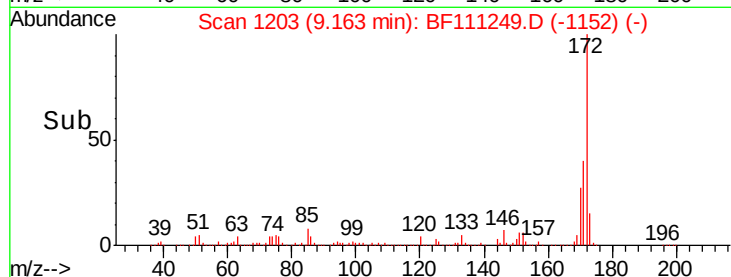
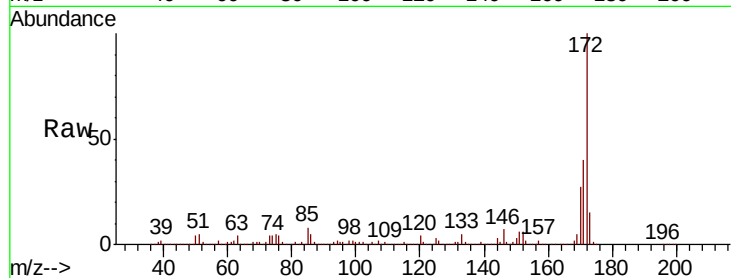
Tgt Ion:172 Resp: 4359585

Ion Ratio Lower Upper

172 100

171 39.9 33.0 49.4

170 27.2 22.3 33.5



#46

1,1'-Biphenyl

Concen: 35.686 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

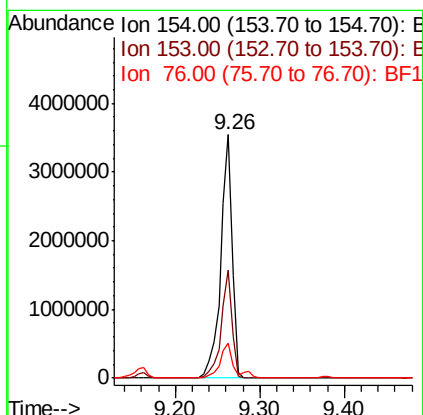
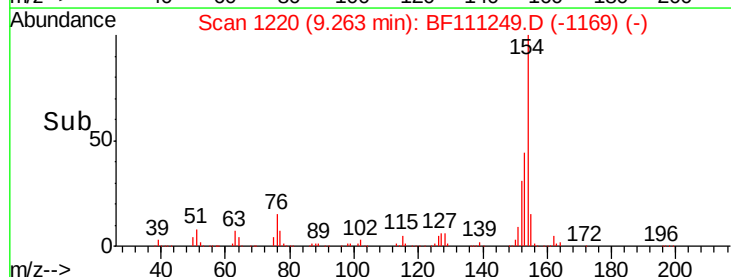
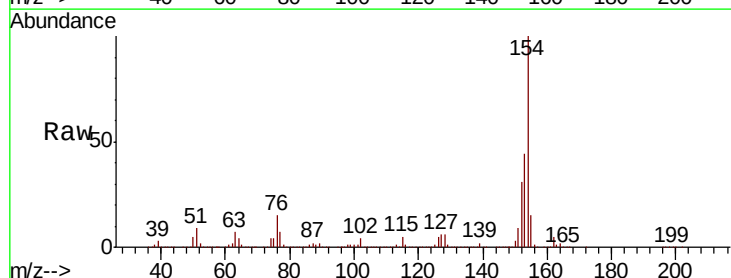
Tgt Ion:154 Resp: 3390193

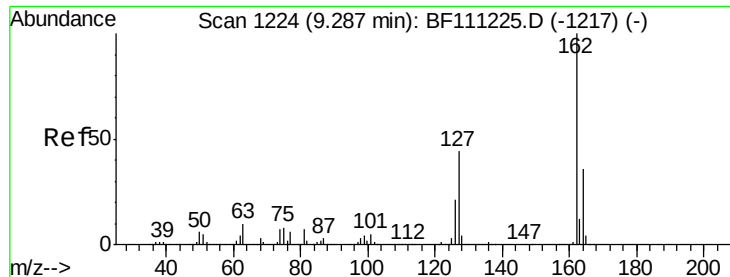
Ion Ratio Lower Upper

154 100

153 44.2 23.7 63.7

76 14.6 0.0 35.0





#47

2-Chloronaphthalene

Concen: 36.538 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

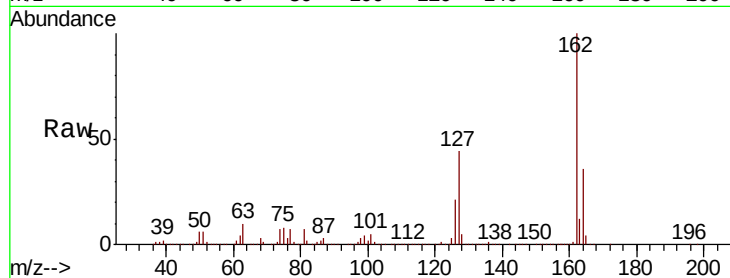
Tgt Ion: 162 Resp: 2724319

Ion Ratio Lower Upper

162 100

127 43.8 35.0 52.4

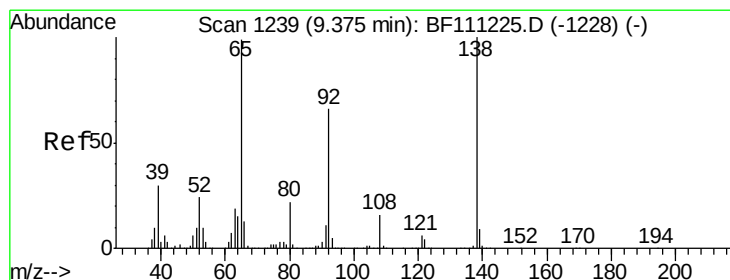
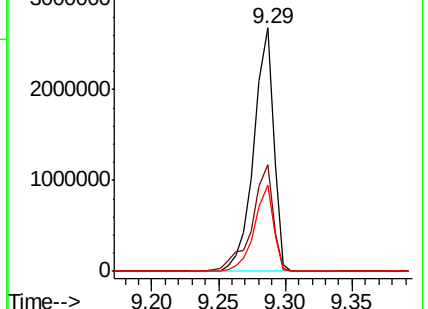
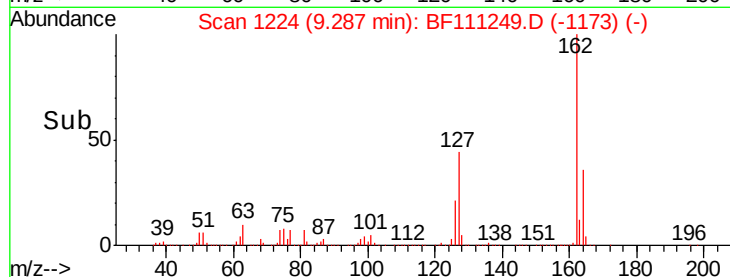
164 35.6 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.420 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

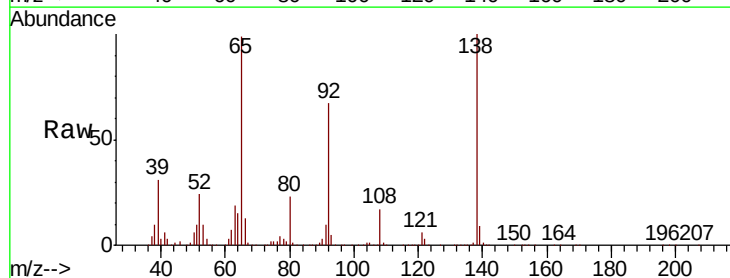
Tgt Ion: 65 Resp: 977183

Ion Ratio Lower Upper

65 100

92 67.8 53.5 80.3

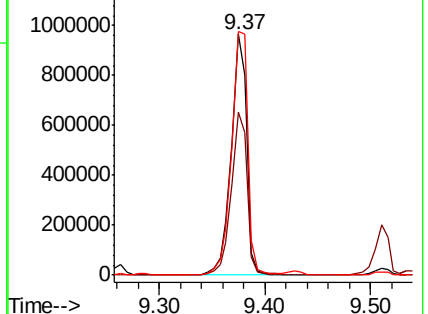
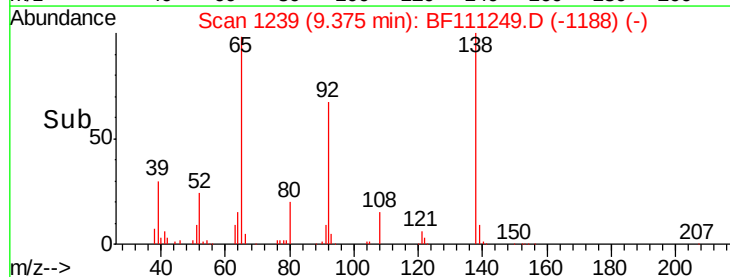
138 101.0 80.9 121.3

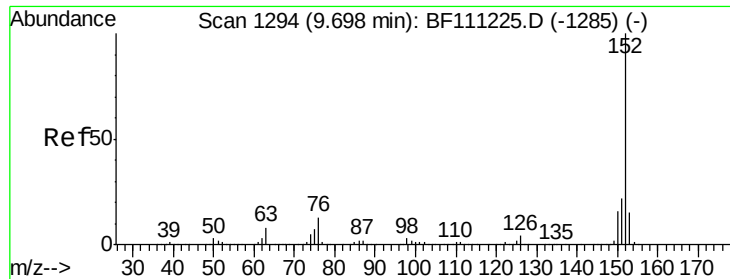


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

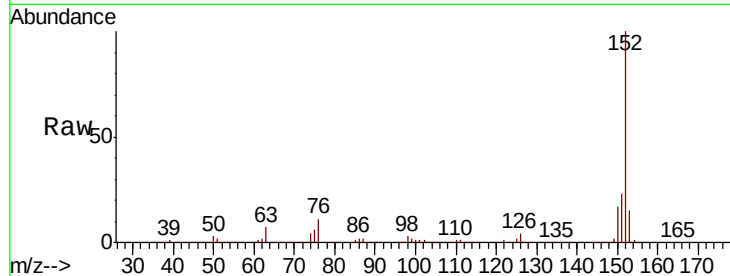
Tgt Ion:152 Resp: 4221417

Ion Ratio Lower Upper

152 100

151 22.9 18.0 27.0

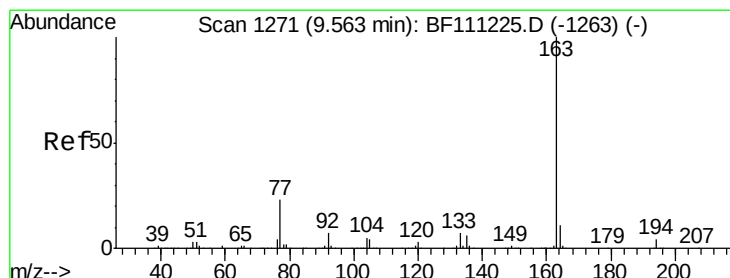
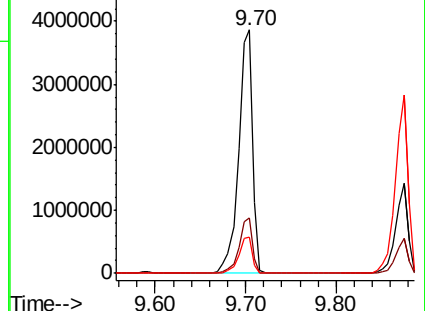
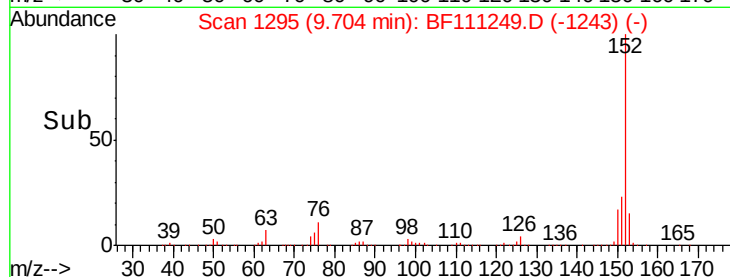
153 14.8 12.3 18.5



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: 37.117 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

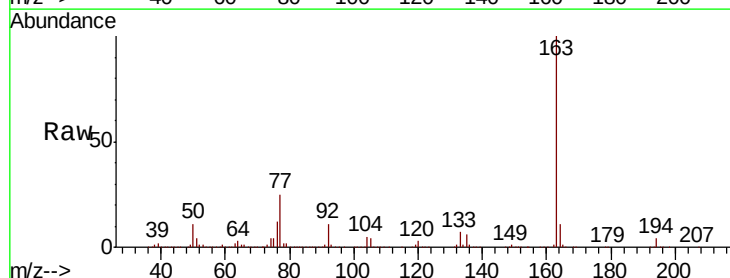
Tgt Ion:163 Resp: 3120792

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

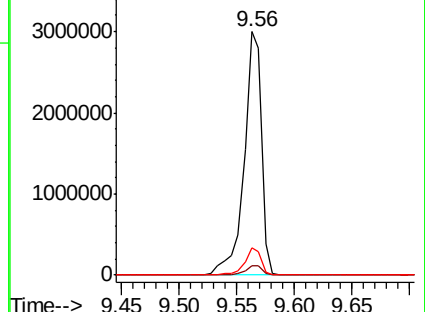
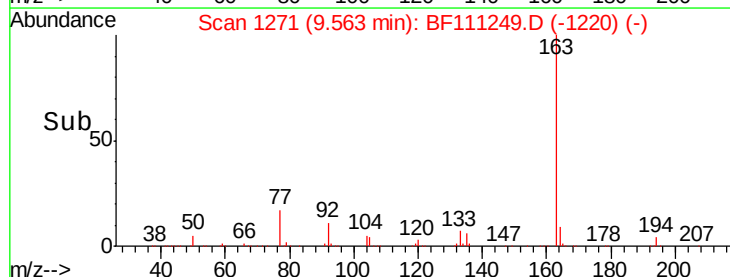
164 11.0 8.9 13.3

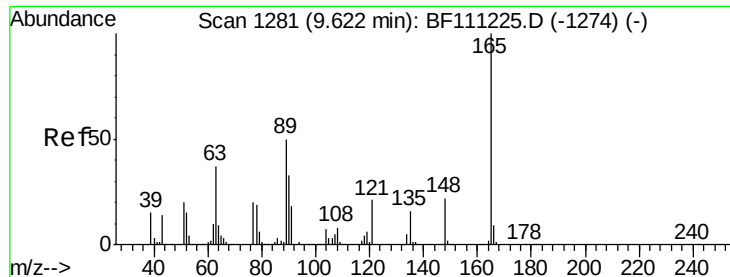


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

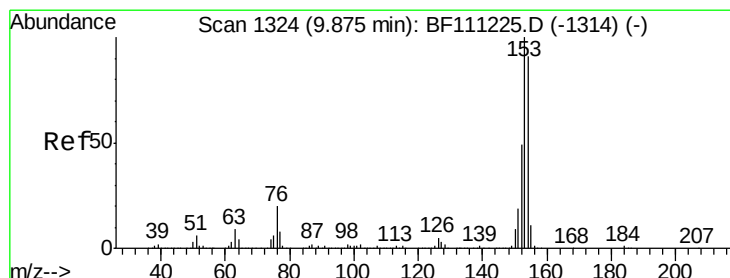
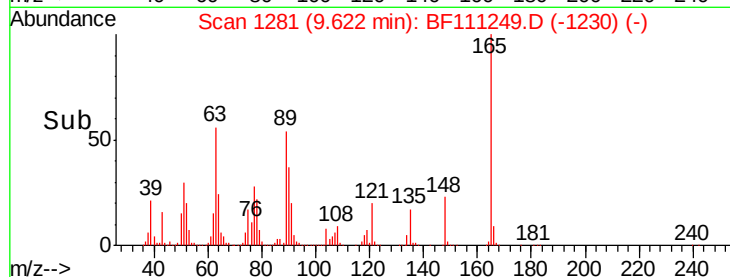
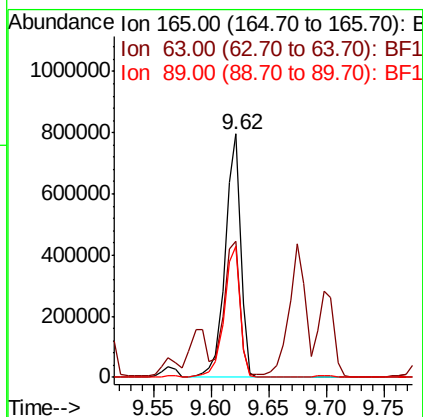
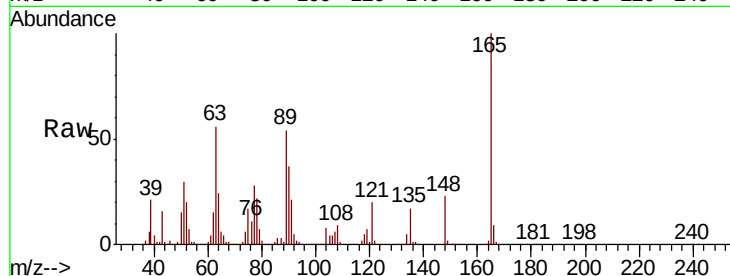




#51
 2,6-Dinitrotoluene
 Concen: 40.091 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

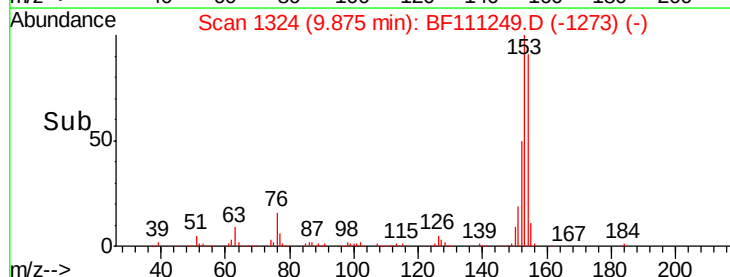
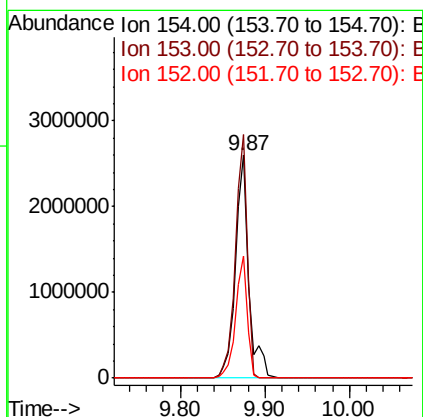
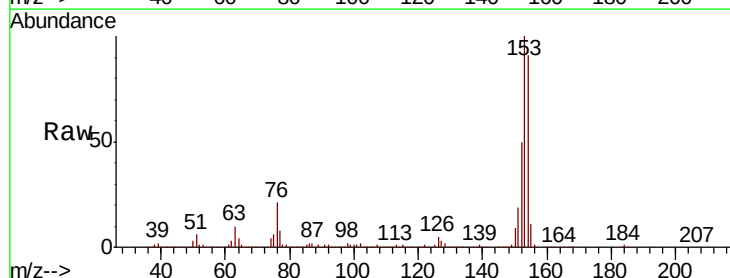
Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

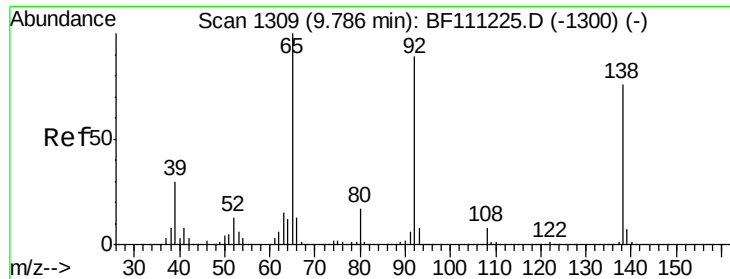
Tgt Ion:165 Resp: 744424
 Ion Ratio Lower Upper
 165 100
 63 55.7 40.5 60.7
 89 53.7 40.0 60.0



#52
 Acenaphthene
 Concen: 41.411 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion:154 Resp: 2812928
 Ion Ratio Lower Upper
 154 100
 153 109.4 87.8 131.8
 152 54.8 43.4 65.2

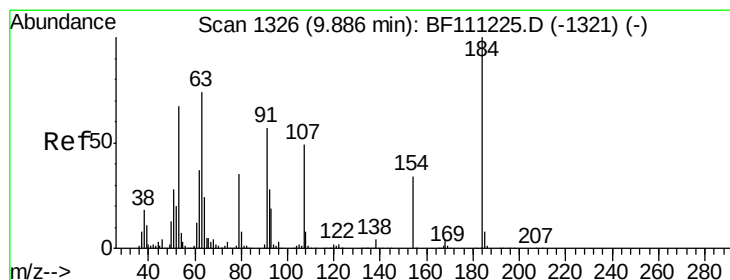
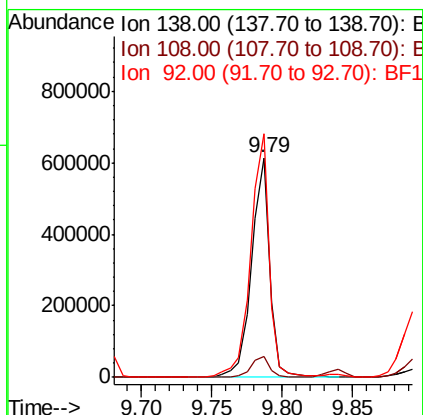
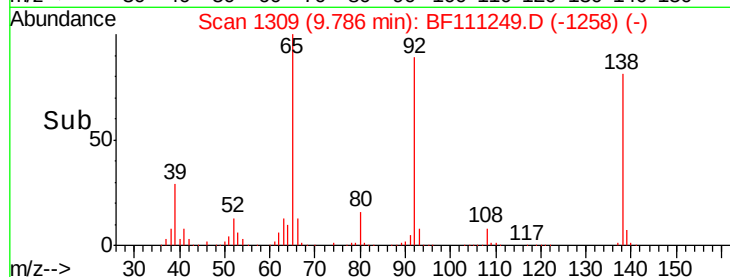
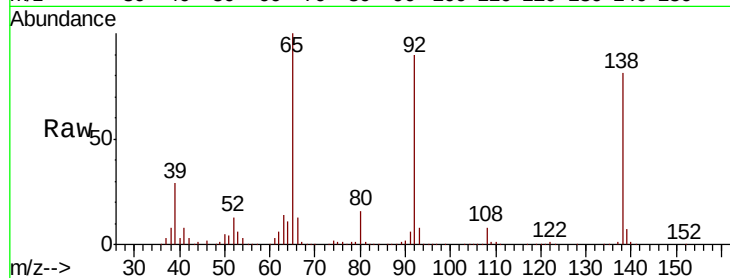




#53
 3-Nitroaniline
 Concen: 24.337 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

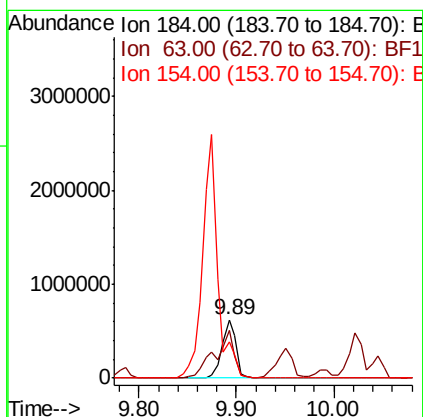
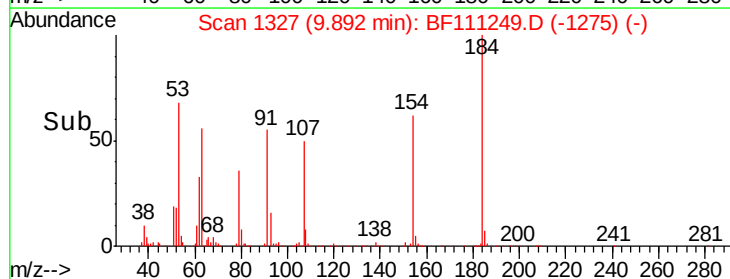
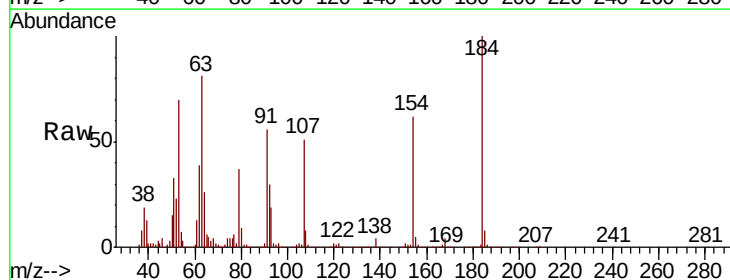
Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

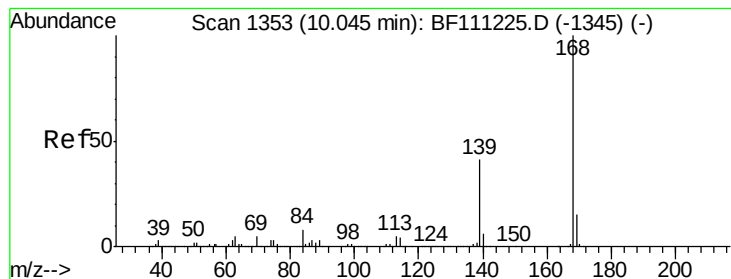
Tgt Ion:138 Resp: 557787
 Ion Ratio Lower Upper
 138 100
 108 9.6 8.2 12.4
 92 110.7 93.4 140.2



#54
 2,4-Dinitrophenol
 Concen: 84.352 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion:184 Resp: 618935
 Ion Ratio Lower Upper
 184 100
 63 80.7 62.3 93.5
 154 61.8 56.2 84.2





#55

Dibenzofuran

Concen: 39.624 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

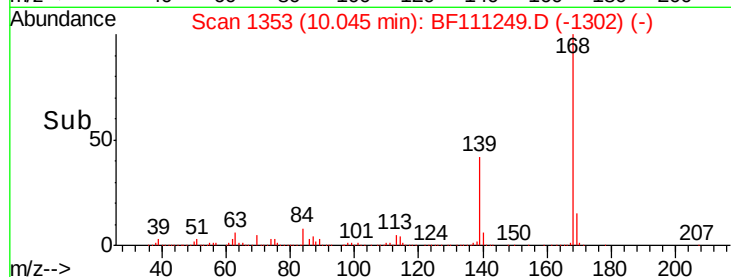
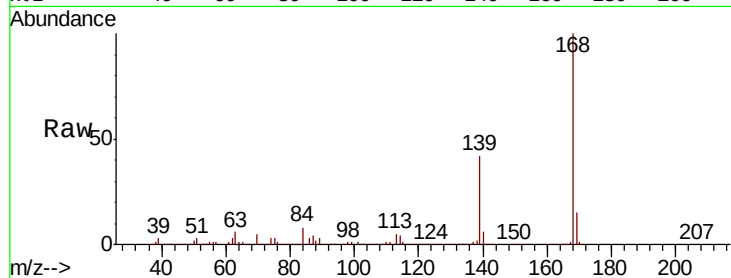
Tgt Ion:168 Resp: 3661716

Ion Ratio Lower Upper

168 100

139 42.0 32.6 49.0

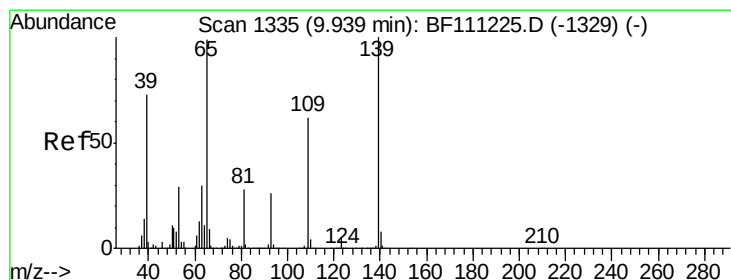
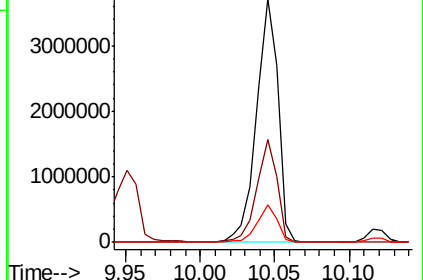
169 15.4 11.8 17.6



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: 74.202 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

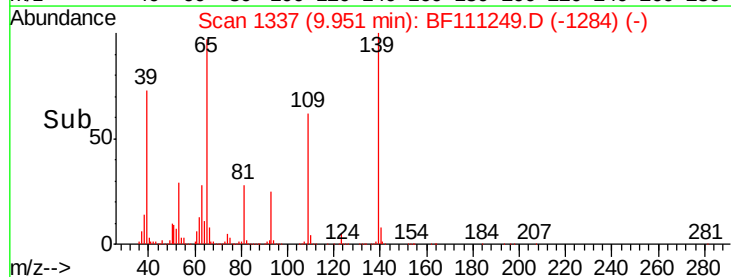
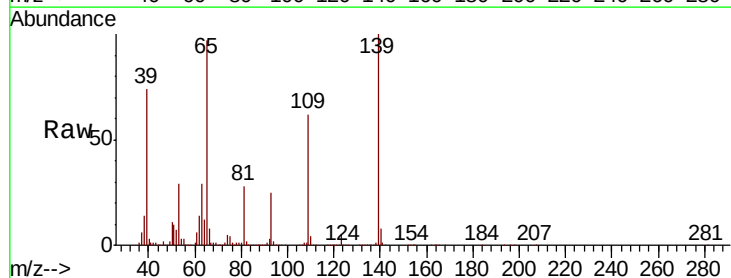
Tgt Ion:139 Resp: 1324497

Ion Ratio Lower Upper

139 100

109 62.3 41.8 81.8

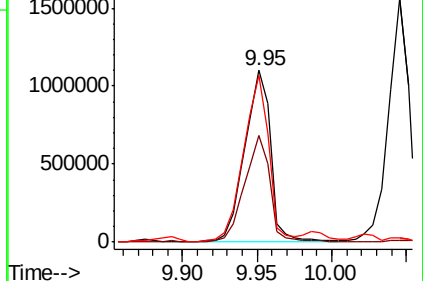
65 97.5 79.6 119.6

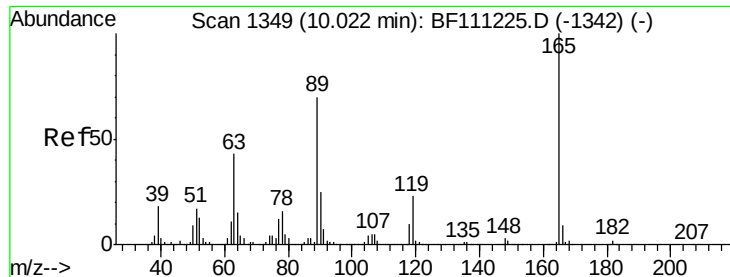


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

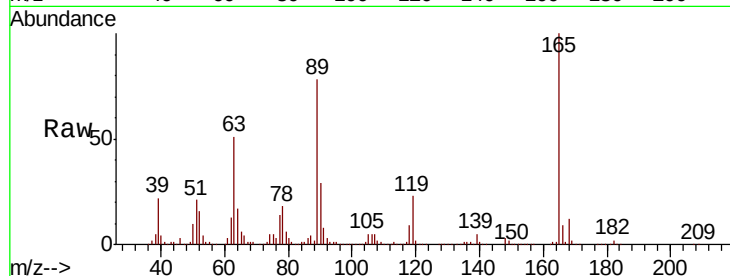




#57
 2,4-Dinitrotoluene
 Concen: 42.658 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.8	34.6	52.0
89	77.7	56.2	84.4
182	2.1	1.8	2.6



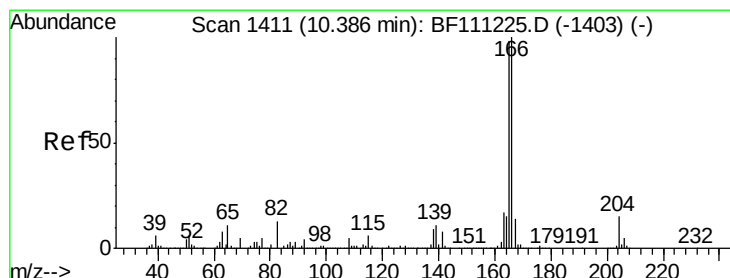
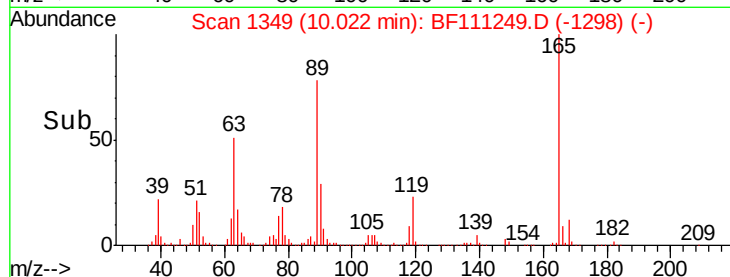
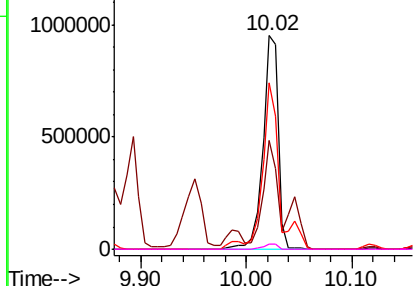
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

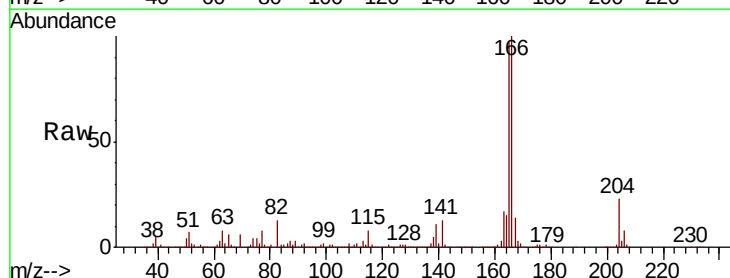
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 37.563 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.4	117.6
167	14.4	11.2	16.8

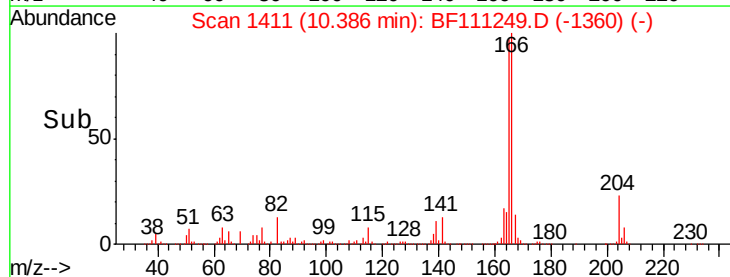
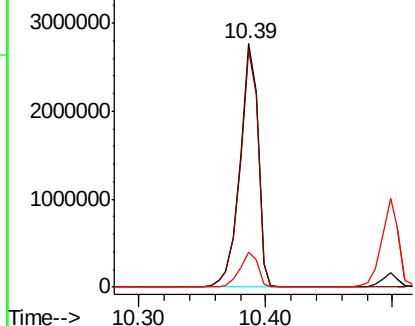


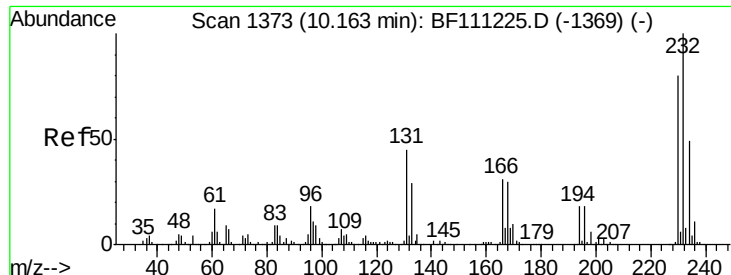
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

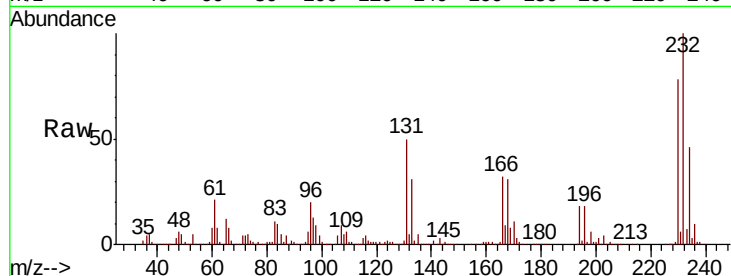




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.600 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.1	40.9	61.3
130	2.3	2.0	3.0
166	32.7	26.8	40.2



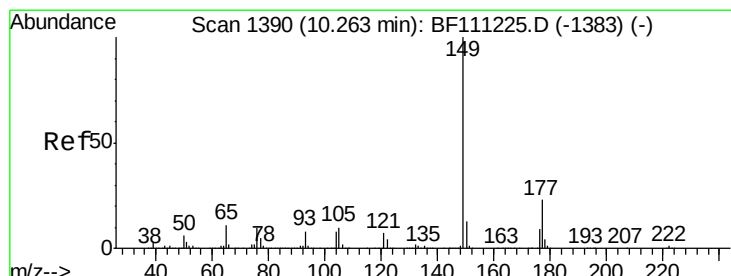
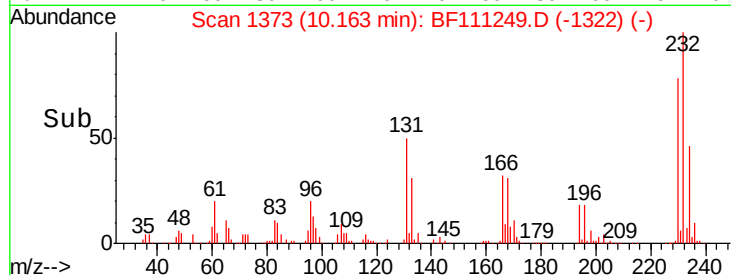
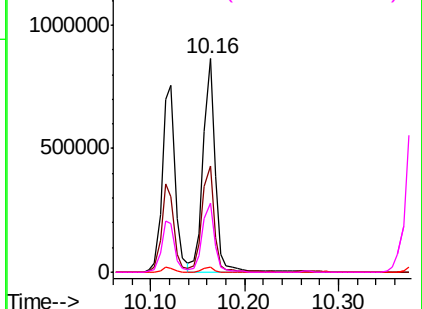
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

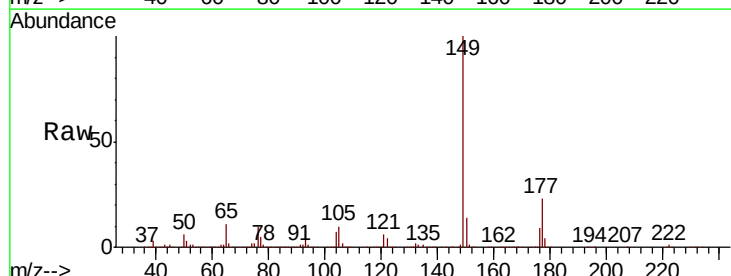
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.497 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	13.6	10.6	15.8

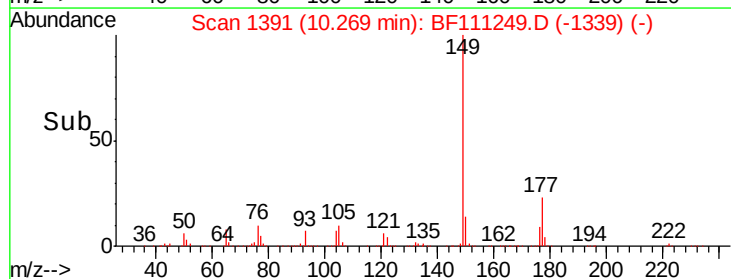
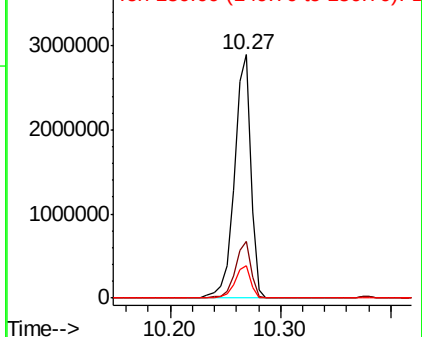


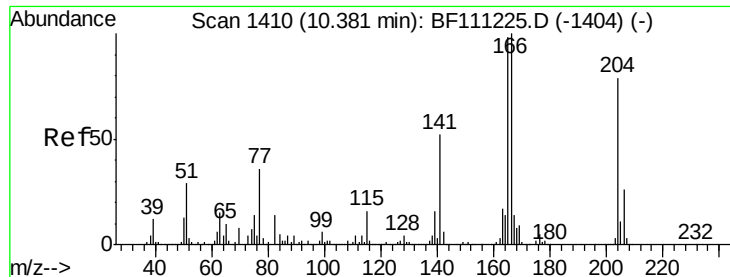
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

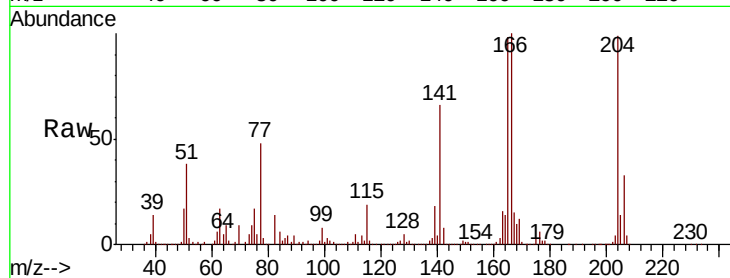




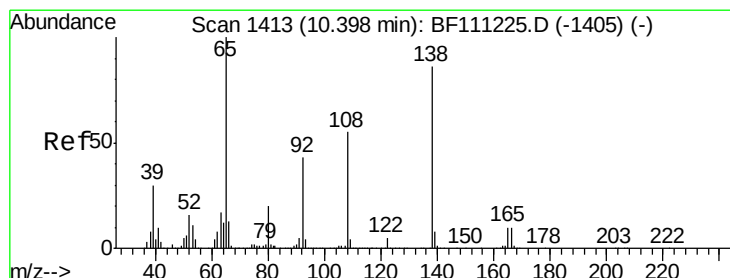
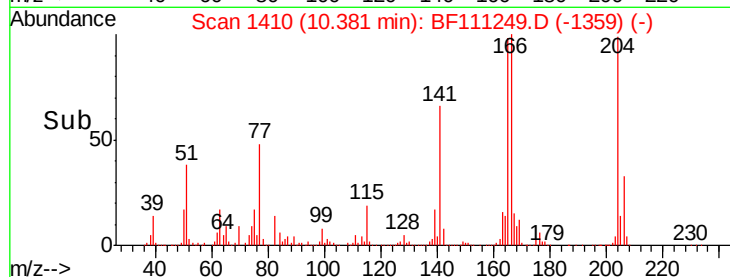
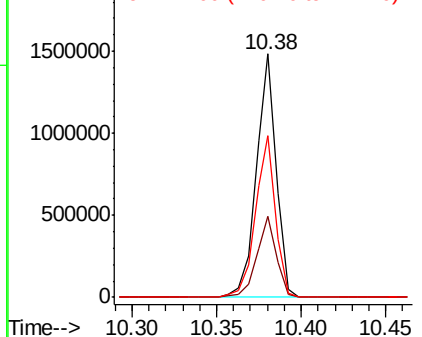
#61
4-Chlorophenyl-phenylether
Concen: 34.451 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tgt Ion:204 Resp: 1223229
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 66.7 52.6 78.8

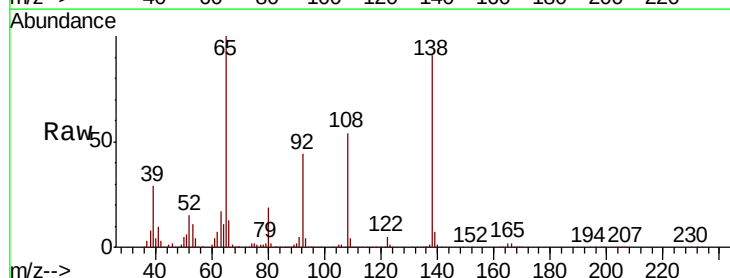


Abundance Ion 204.00 (203.70 to 204.70): E
2000000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

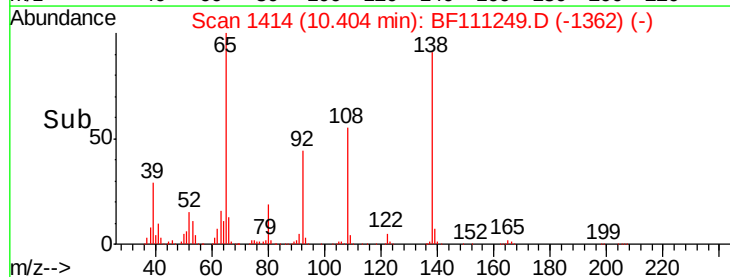
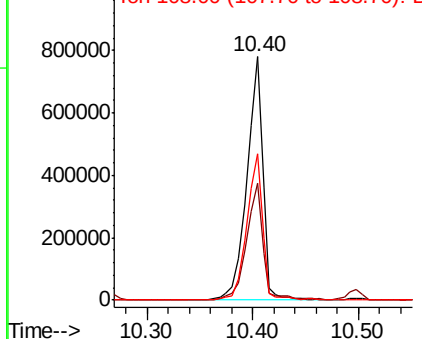


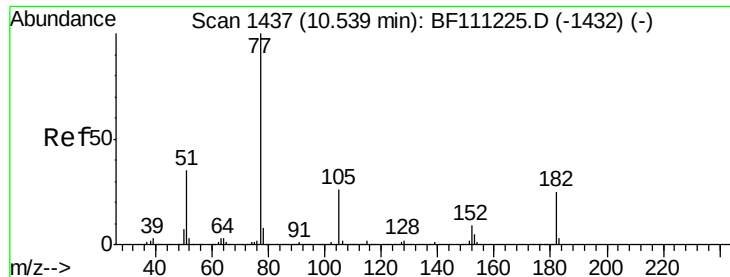
#62
4-Nitroaniline
Concen: 37.871 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:138 Resp: 821268
Ion Ratio Lower Upper
138 100
92 48.1 29.9 69.9
108 59.9 43.2 83.2



Abundance Ion 138.00 (137.70 to 138.70): E
1000000
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.802 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

Tgt Ion: 77 Resp: 3145974

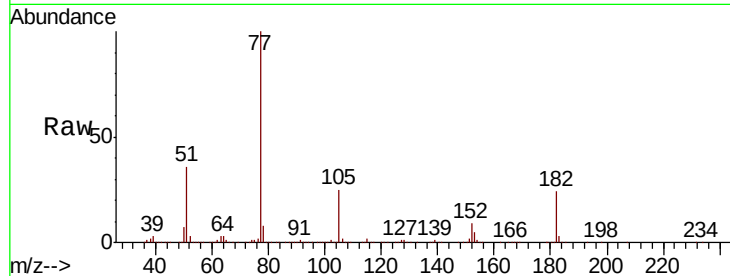
Ion Ratio Lower Upper

77 100

182 24.1 4.9 44.9

105 25.4 6.0 46.0

51 35.7 14.7 54.7

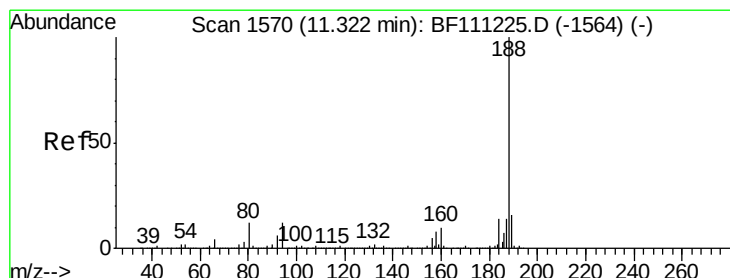
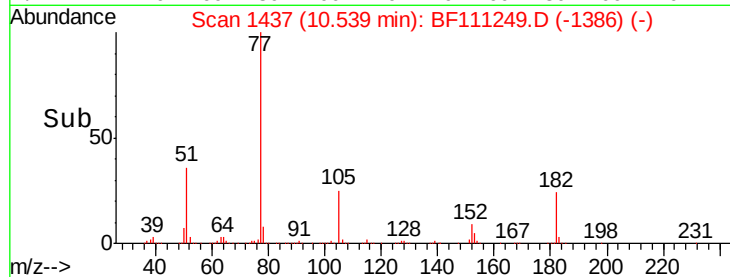
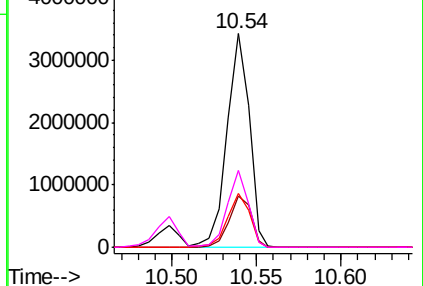


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

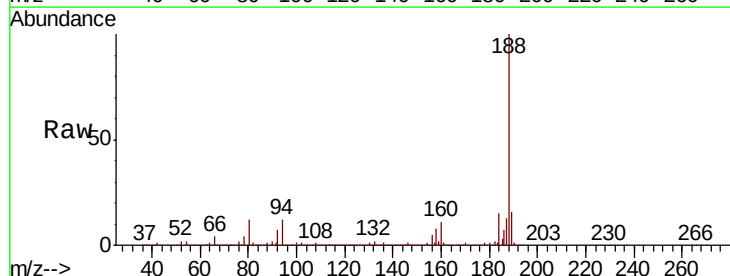
Tgt Ion: 188 Resp: 1913477

Ion Ratio Lower Upper

188 100

94 11.8 9.6 14.4

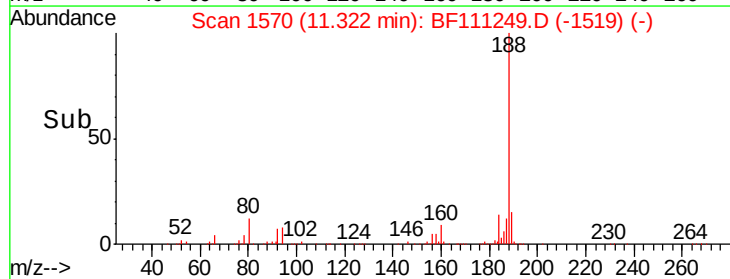
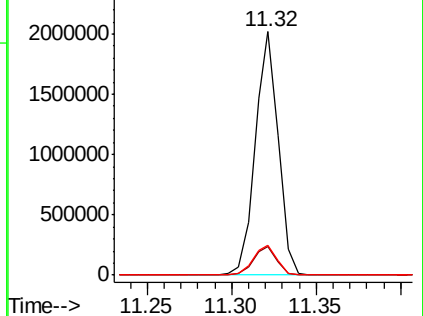
80 12.4 9.8 14.6

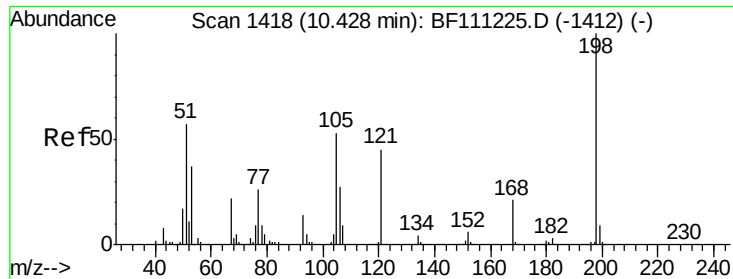


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

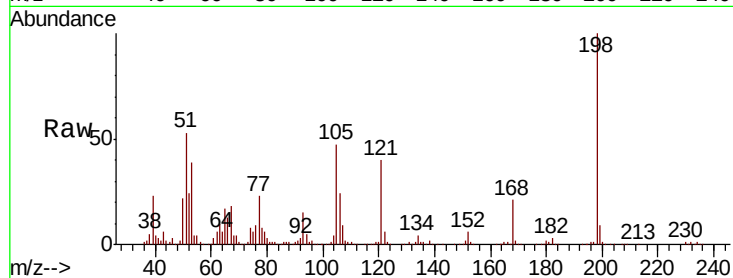




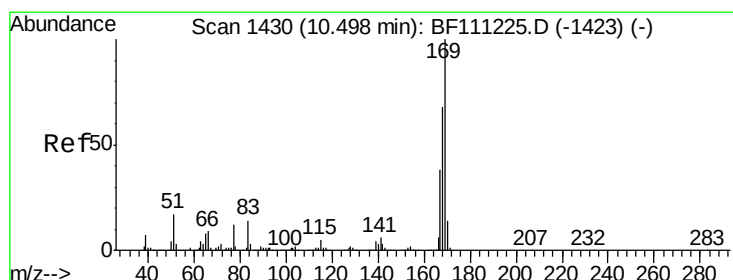
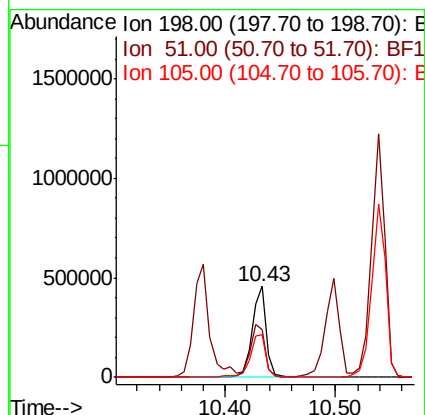
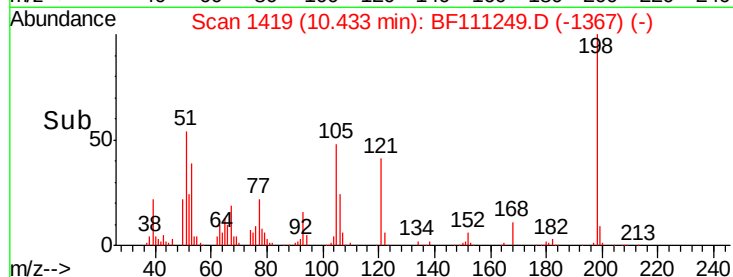
#65
4,6-Dinitro-2-methylphenol
Concen: 36.288 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tgt Ion:198 Resp: 408281
Ion Ratio Lower Upper
198 100
51 52.7 48.0 88.0
105 46.8 34.0 74.0

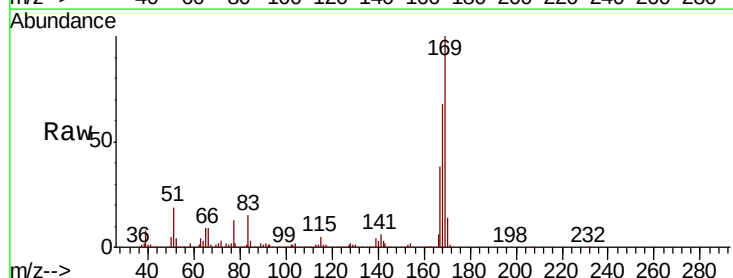


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

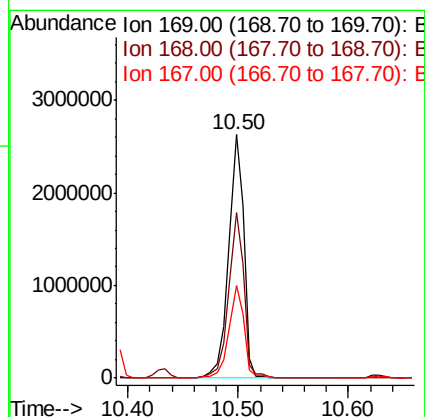
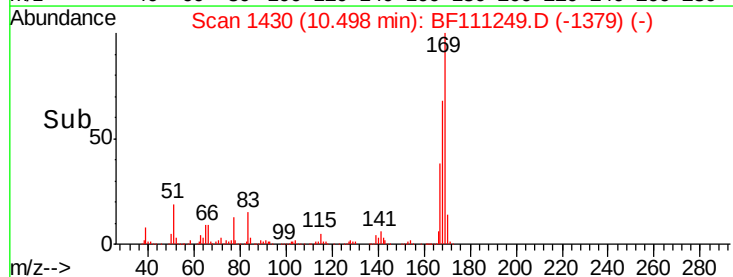


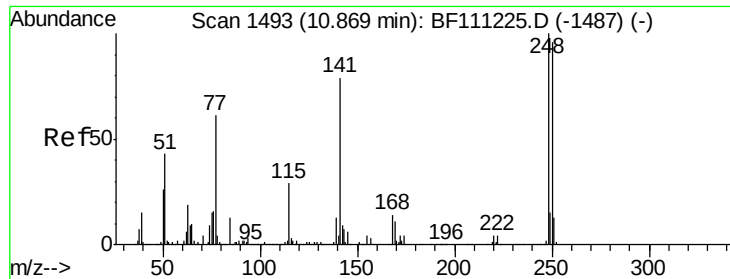
#66
n-Nitrosodiphenylamine
Concen: 39.037 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:169 Resp: 2542738
Ion Ratio Lower Upper
169 100
168 68.1 54.4 81.6
167 38.2 30.5 45.7



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

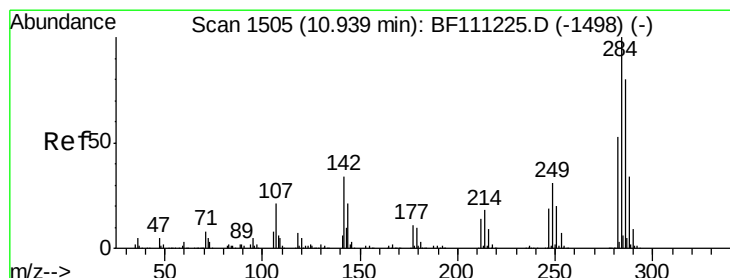
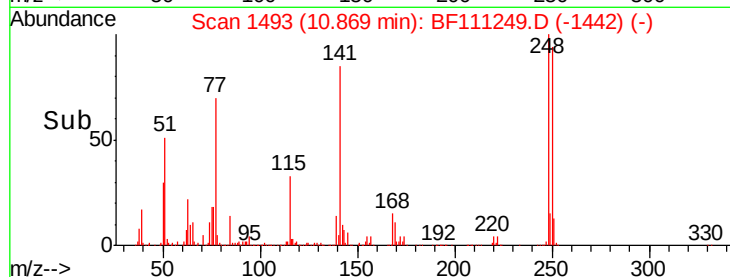
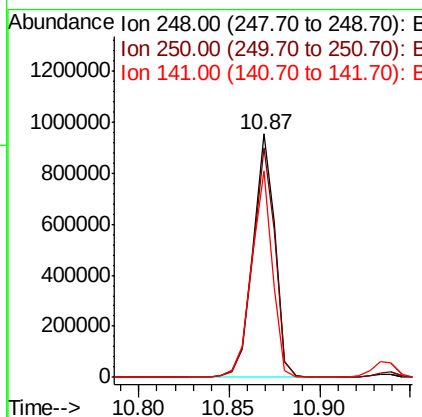
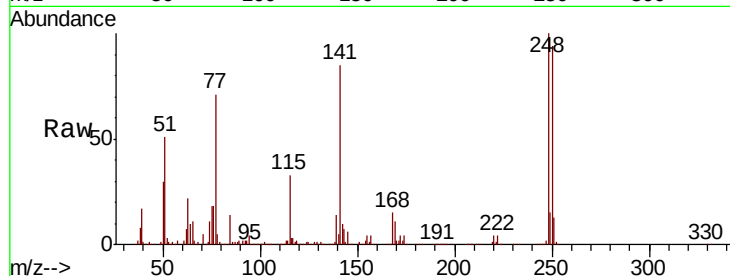




#67
4-Bromophenyl-phenylether
Concen: 38.183 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

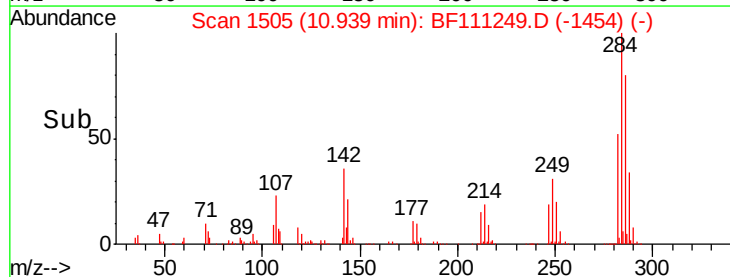
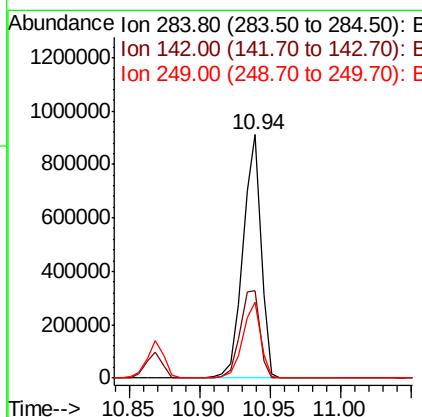
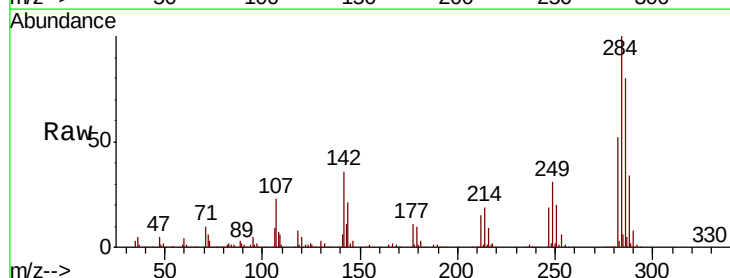
Instrument :
BNA_F
ClientSampleId :
PB115276BSD

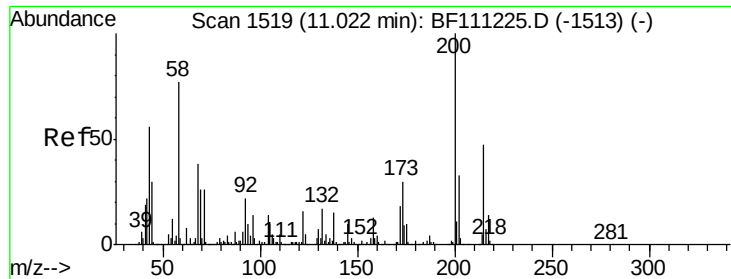
Tgt Ion:248 Resp: 800248
Ion Ratio Lower Upper
248 100
250 94.3 77.0 115.4
141 84.6 63.0 94.6



#68
Hexachlorobenzene
Concen: 38.046 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:284 Resp: 811135
Ion Ratio Lower Upper
284 100
142 36.2 27.4 41.2
249 31.3 24.4 36.6

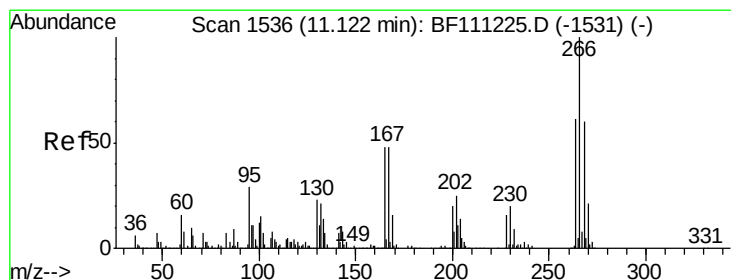
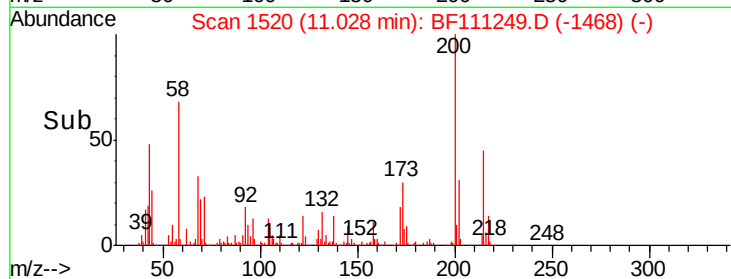
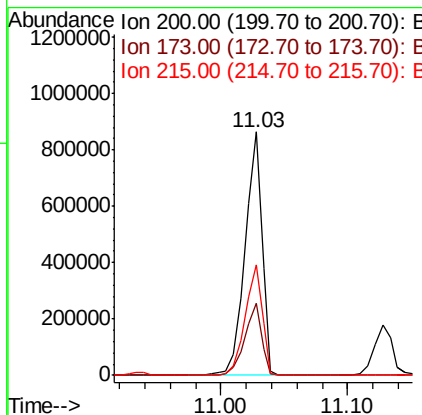
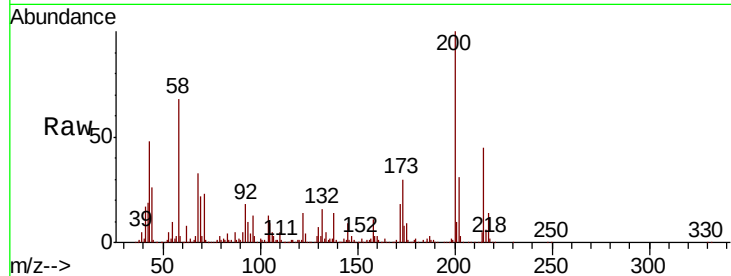




#69
 Atrazine
 Concen: 40.185 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

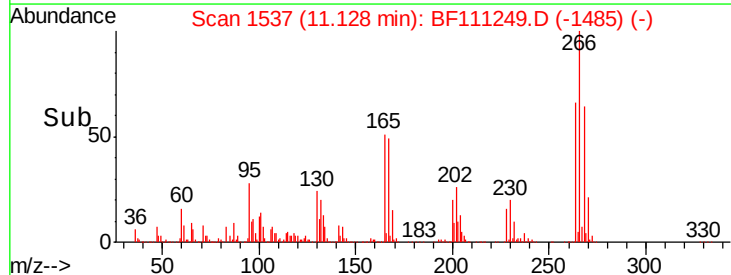
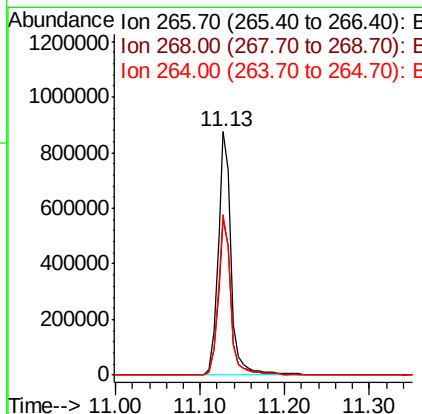
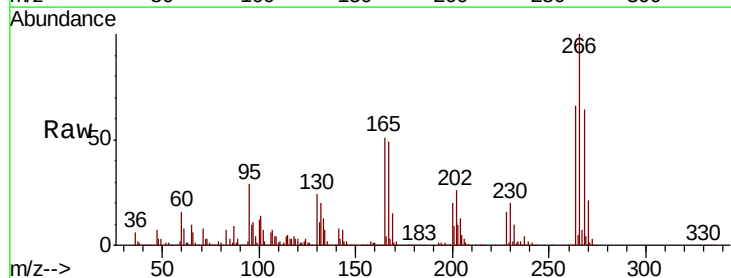
Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

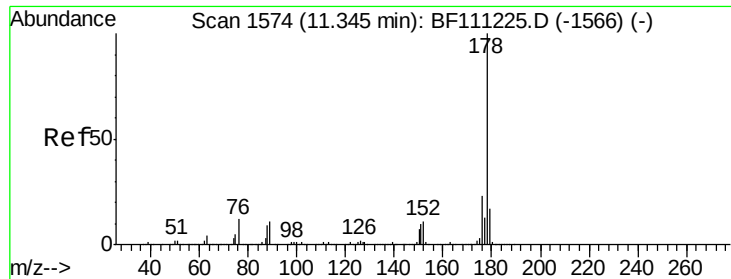
Tgt Ion:	200	Resp:	795947
Ion Ratio	Lower	Upper	
200	100		
173	29.5	10.1	50.1
215	45.4	26.9	66.9



#70
 Pentachlorophenol
 Concen: 62.165 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion:	266	Resp:	961456
Ion Ratio	Lower	Upper	
266	100		
268	63.8	47.9	71.9
264	65.8	49.1	73.7

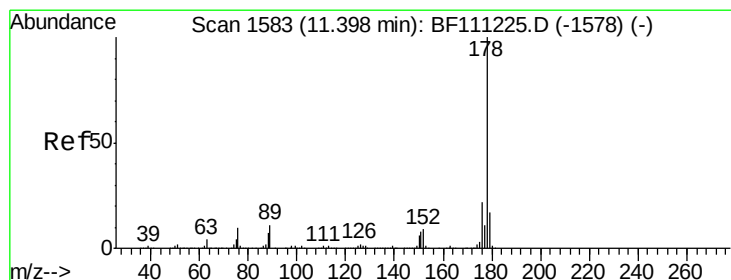
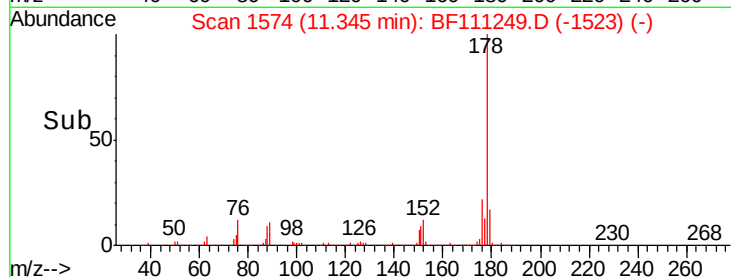
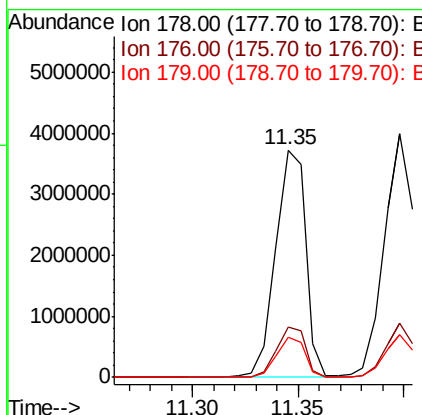
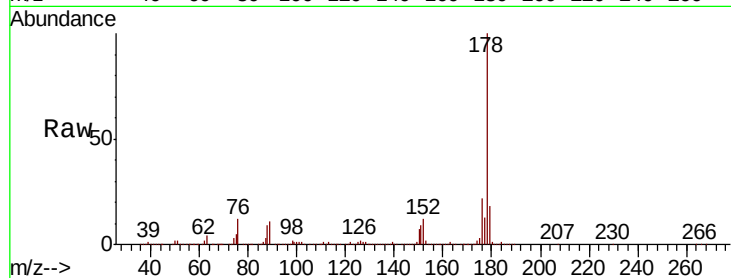




#71
Phenanthrene
Concen: 38.632 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

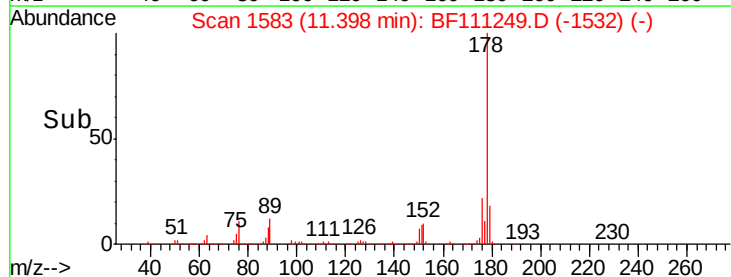
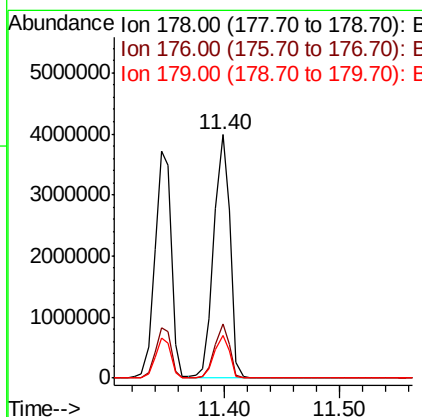
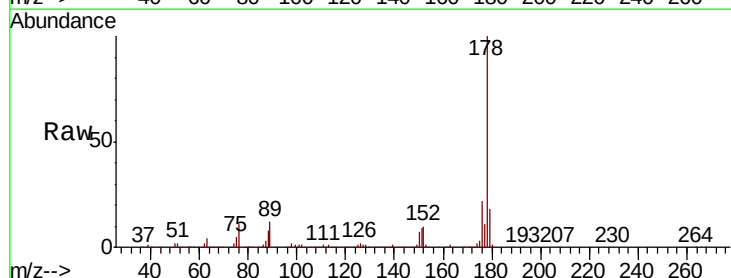
Instrument :
BNA_F
ClientSampleId :
PB115276BSD

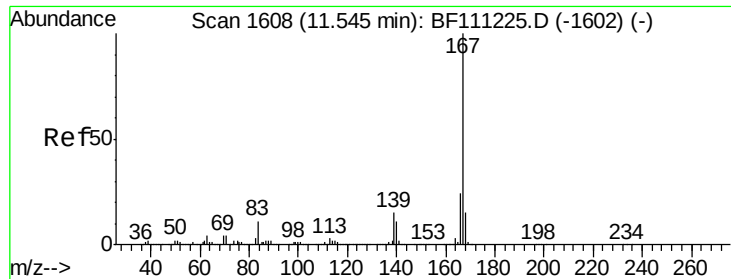
Tgt Ion:178 Resp: 3728510
Ion Ratio Lower Upper
178 100
176 22.2 18.1 27.1
179 17.5 14.0 21.0



#72
Anthracene
Concen: 38.518 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:178 Resp: 3889323
Ion Ratio Lower Upper
178 100
176 22.2 17.2 25.8
179 17.7 13.8 20.8





#73

Carbazole

Concen: 34.841 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

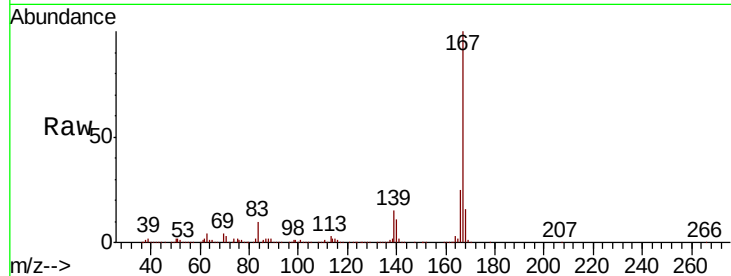
Tgt Ion:167 Resp: 3678572

Ion Ratio Lower Upper

167 100

166 25.0 19.3 28.9

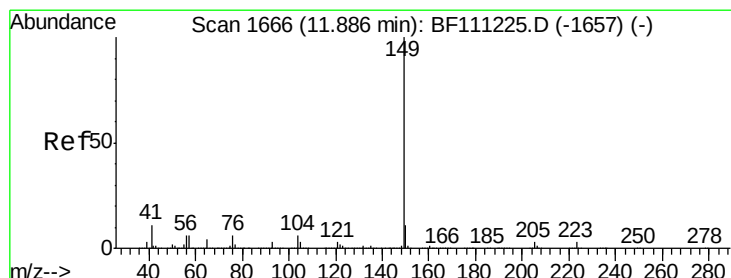
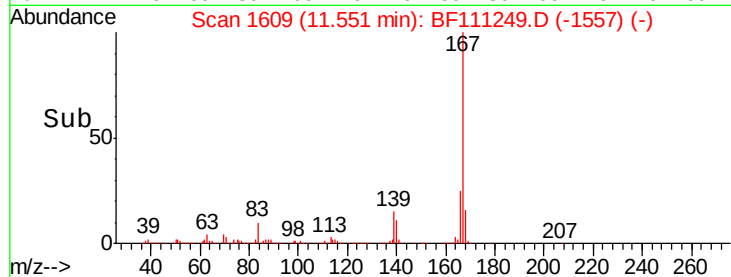
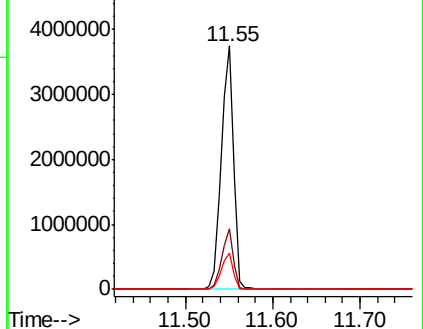
139 15.0 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.811 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

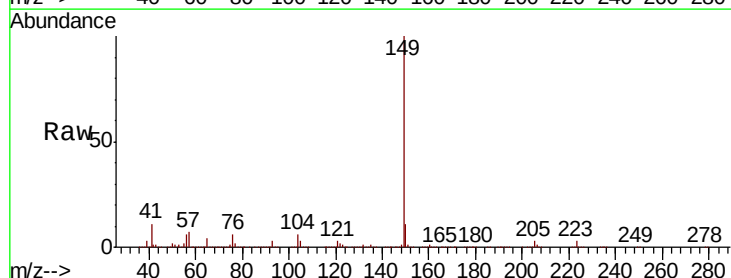
Tgt Ion:149 Resp: 4211867

Ion Ratio Lower Upper

149 100

150 11.1 8.8 13.2

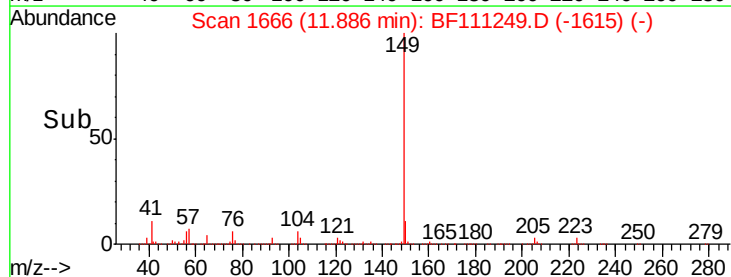
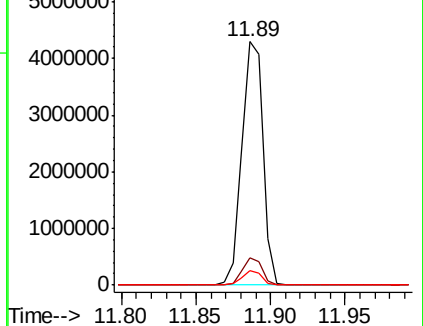
104 5.8 4.5 6.7

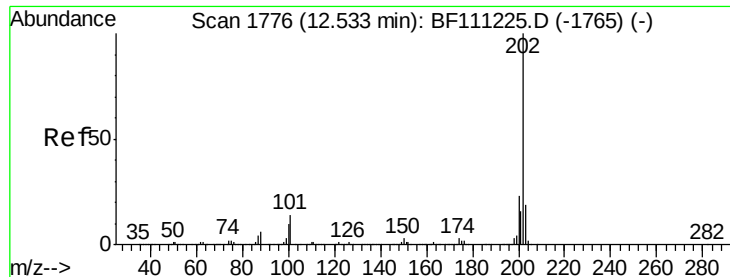


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.782 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

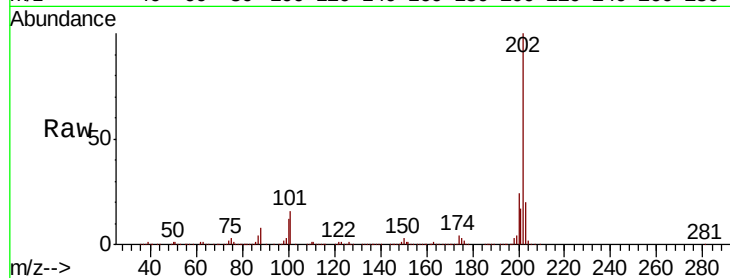
Tgt Ion:202 Resp: 3683701

Ion Ratio Lower Upper

202 100

101 15.6 0.0 33.8

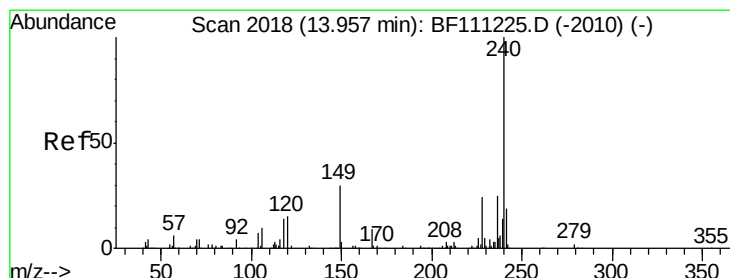
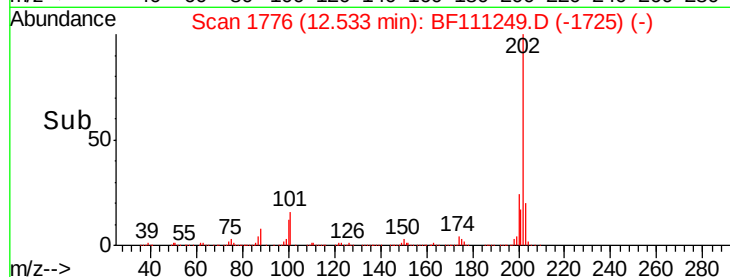
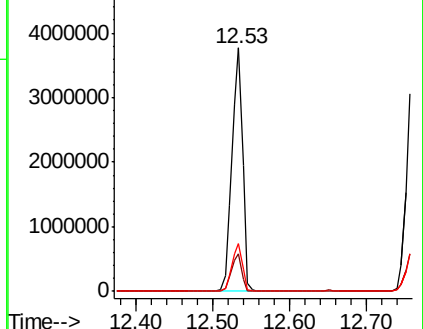
203 19.8 0.0 38.6



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# 1818

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

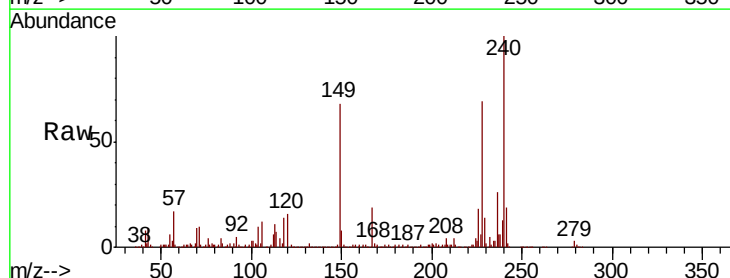
Tgt Ion:240 Resp: 1211162

Ion Ratio Lower Upper

240 100

120 16.2 12.2 18.2

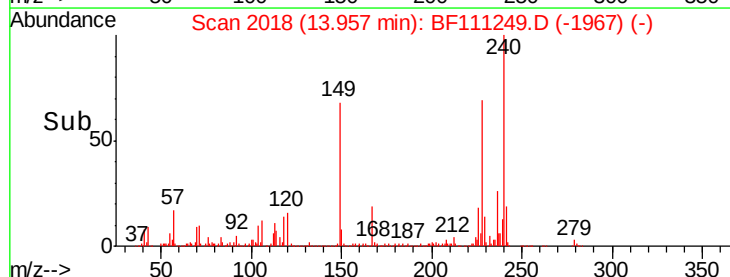
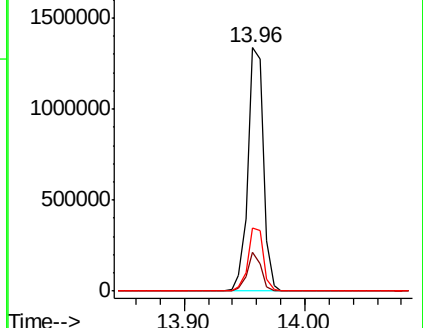
236 26.1 20.2 30.2

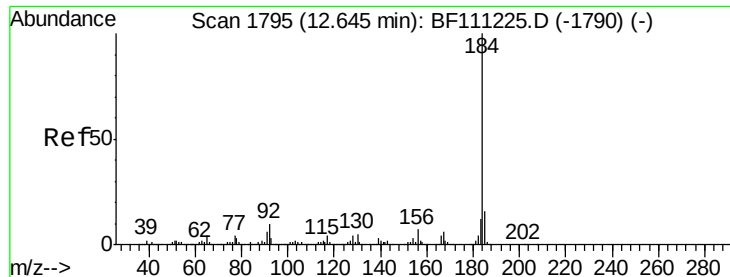


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.941 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

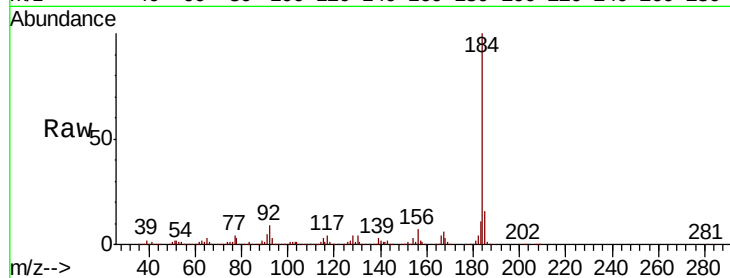
Tgt Ion:184 Resp: 1903853

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

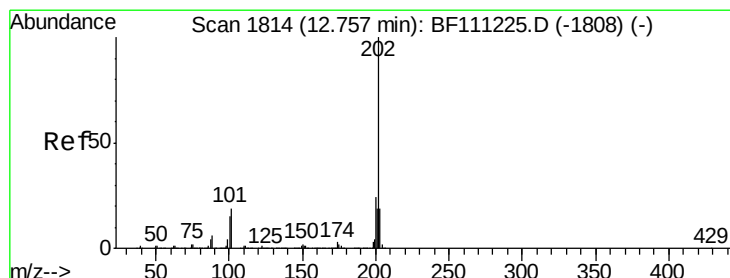
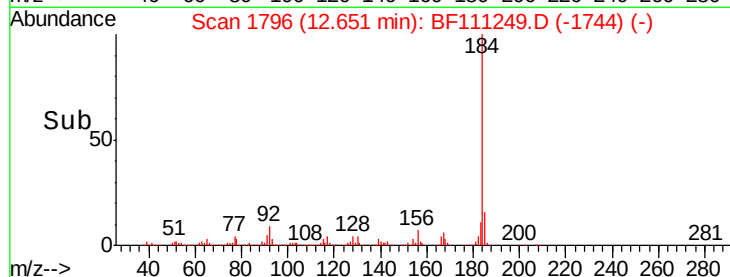
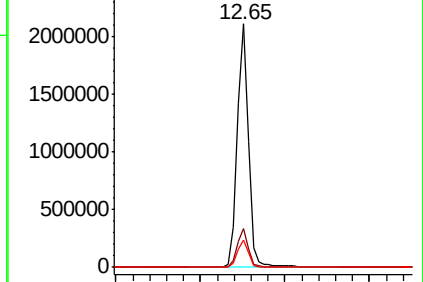
183 11.5 9.3 13.9



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: 43.363 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

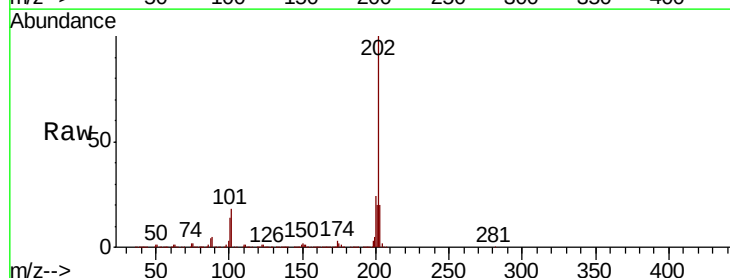
Tgt Ion:202 Resp: 3753060

Ion Ratio Lower Upper

202 100

200 24.1 19.0 28.4

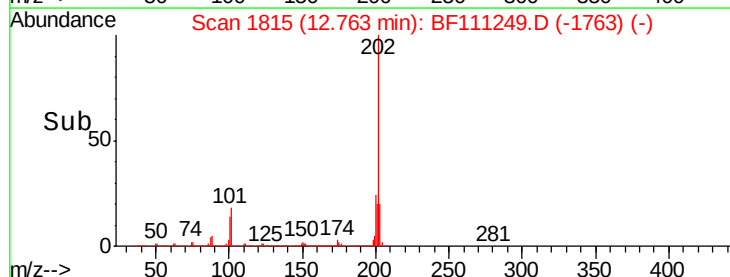
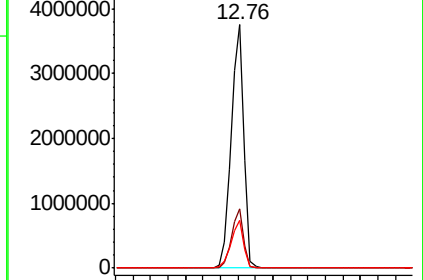
203 19.8 15.2 22.8

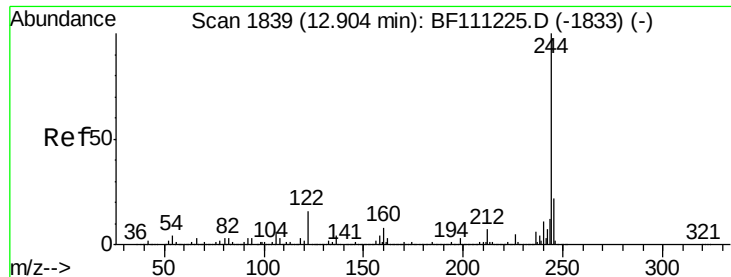


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.353 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

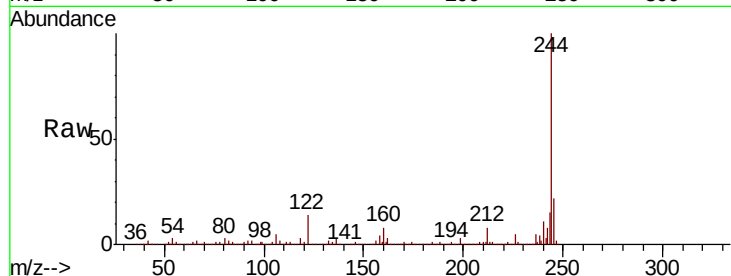
Tgt Ion:244 Resp: 3754351

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

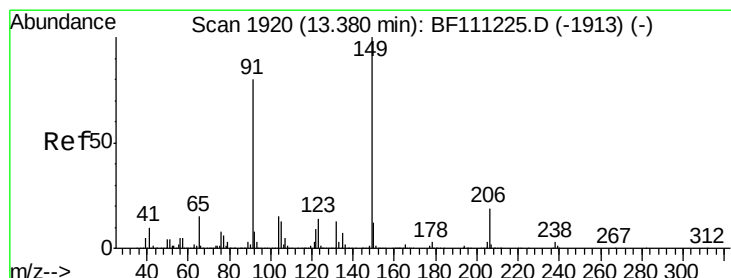
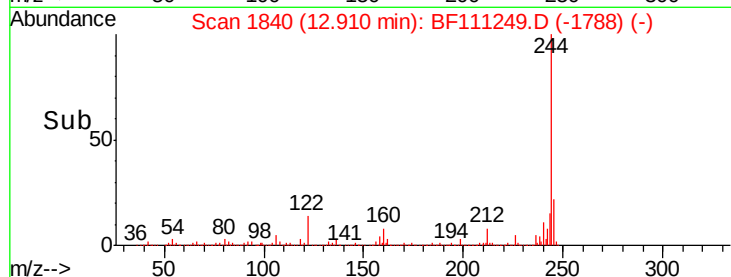
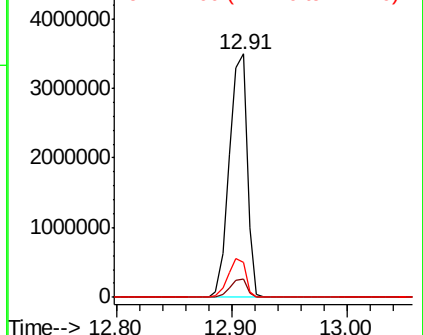
122 14.3 13.1 19.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.061 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

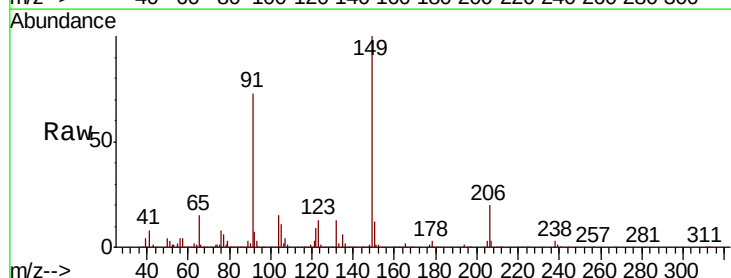
Tgt Ion:149 Resp: 1856264

Ion Ratio Lower Upper

149 100

91 73.4 63.8 95.6

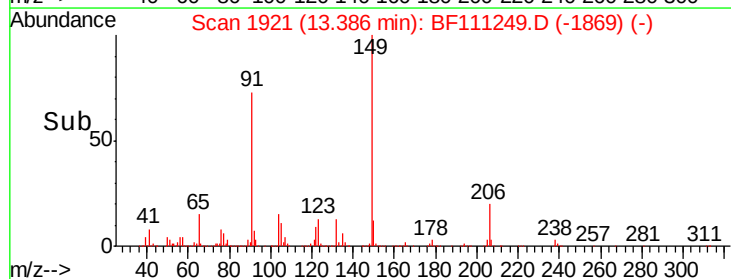
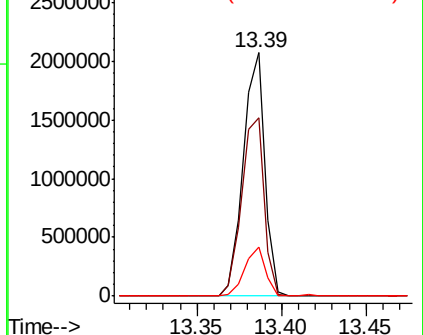
206 20.1 15.1 22.7

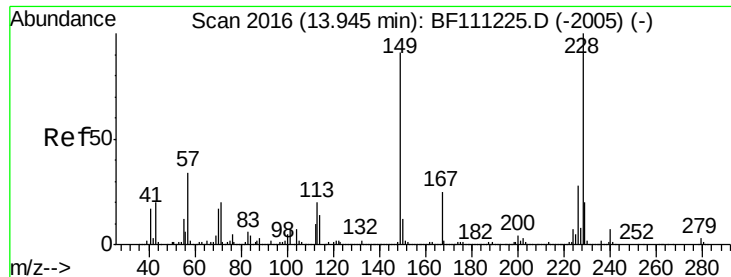


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.787 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

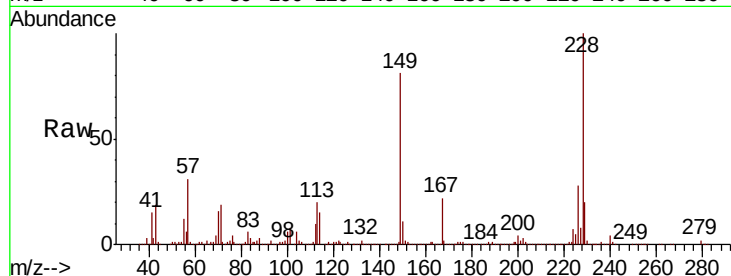
Tgt Ion:228 Resp: 2756000

Ion Ratio Lower Upper

228 100

226 28.1 22.6 34.0

229 20.3 16.3 24.5

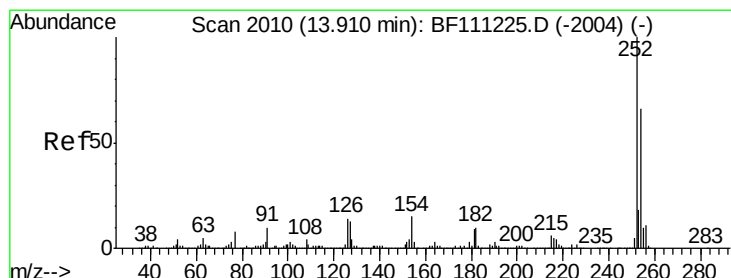
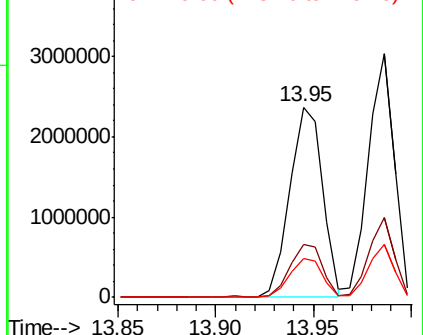
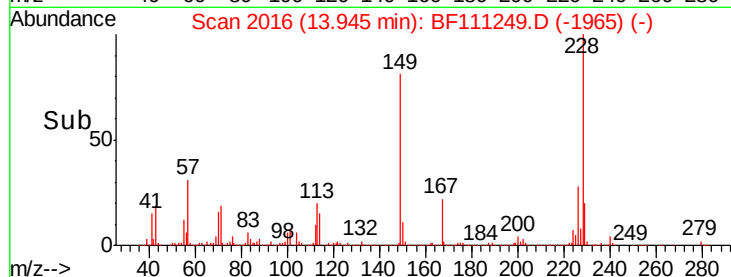


Abundance

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: 27.585 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

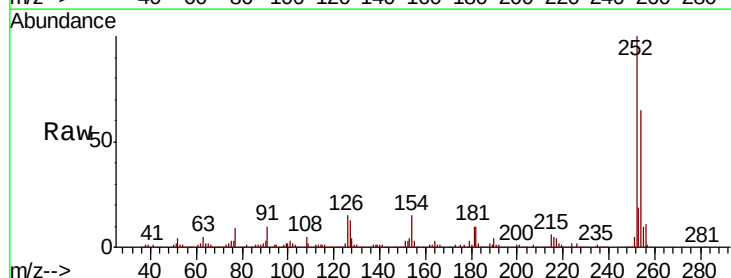
Tgt Ion:252 Resp: 763983

Ion Ratio Lower Upper

252 100

254 64.5 52.7 79.1

126 14.8 11.1 16.7

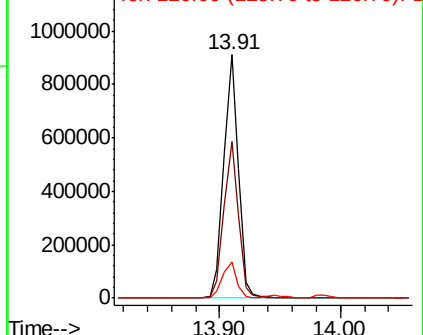
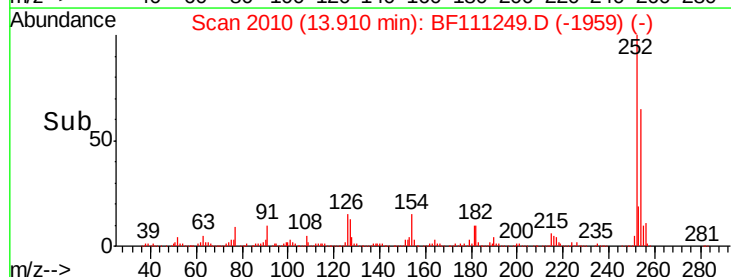


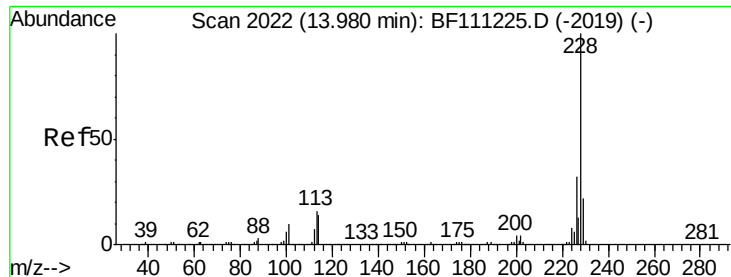
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.519 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

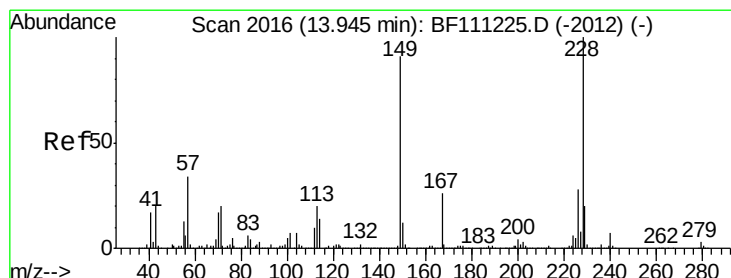
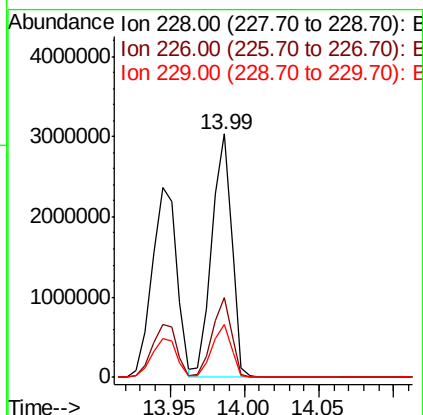
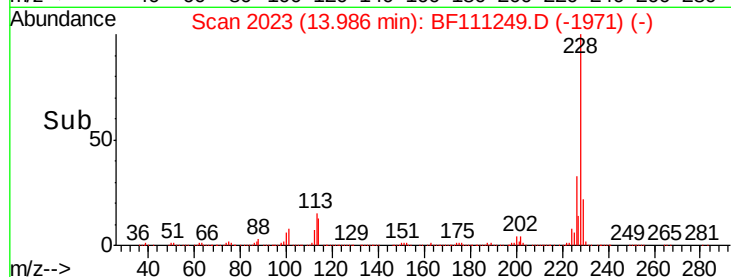
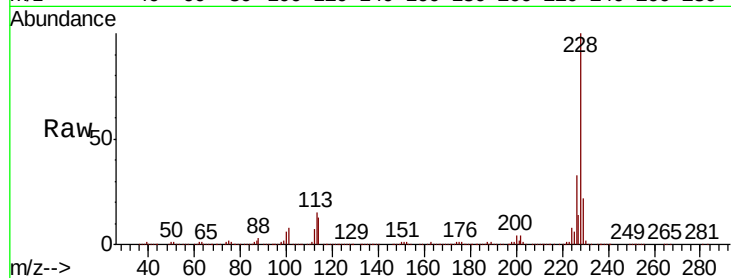
Tgt Ion:228 Resp: 2822518

Ion Ratio Lower Upper

228 100

226 32.7 25.3 37.9

229 21.8 17.2 25.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.351 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

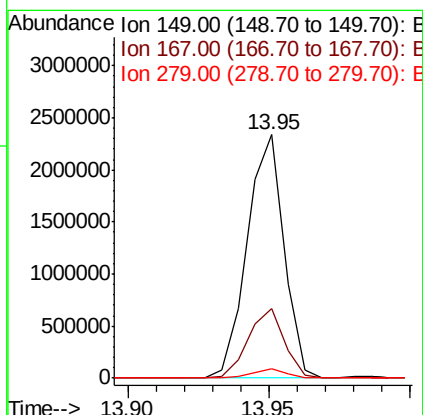
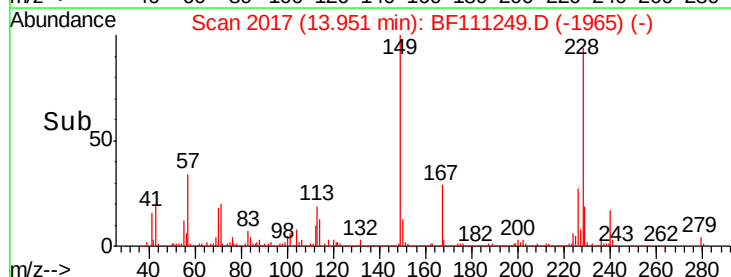
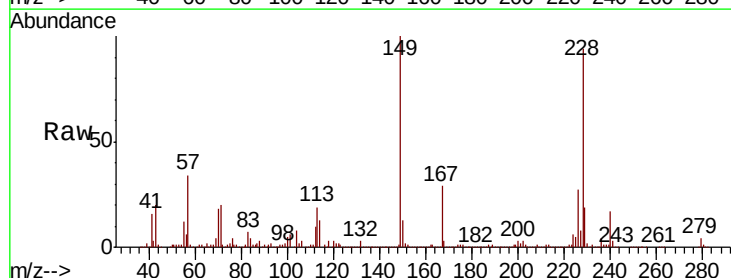
Tgt Ion:149 Resp: 2113838

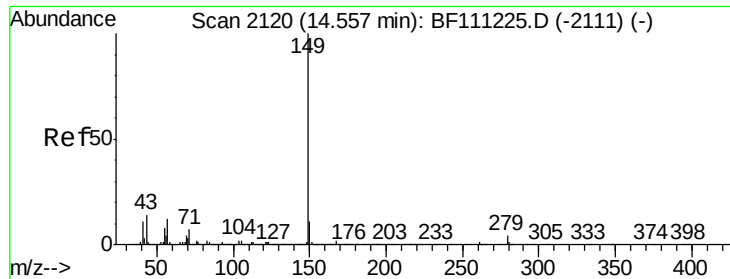
Ion Ratio Lower Upper

149 100

167 28.7 22.5 33.7

279 3.9 2.6 4.0

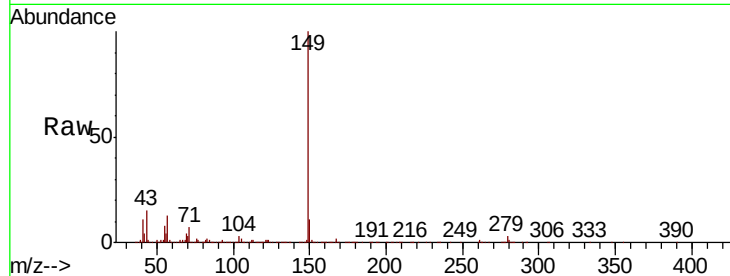




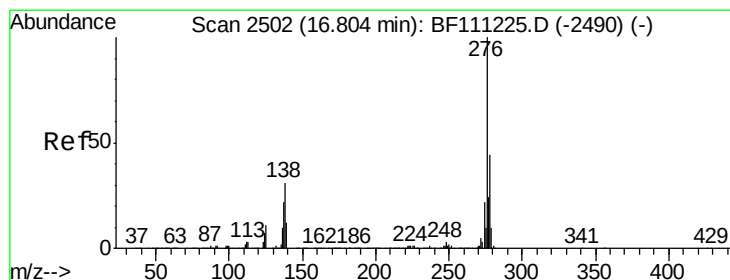
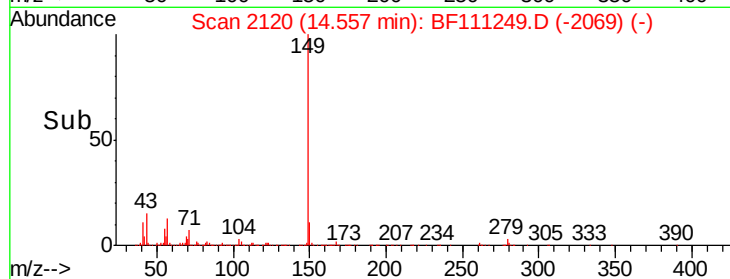
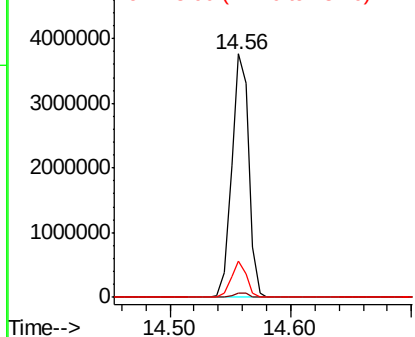
#85
Di-n-octyl phthalate
Concen: 40.743 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tgt Ion:149 Resp: 3668372
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.3 10.9 16.3

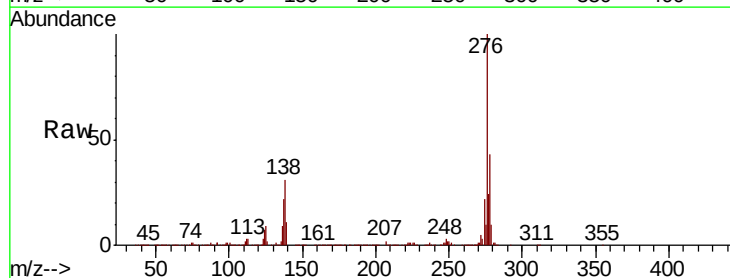


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

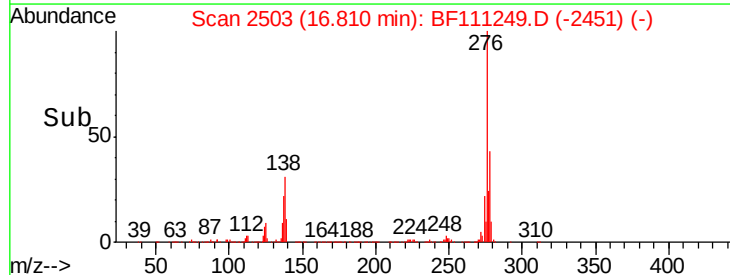
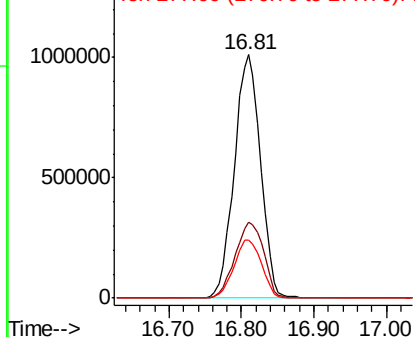


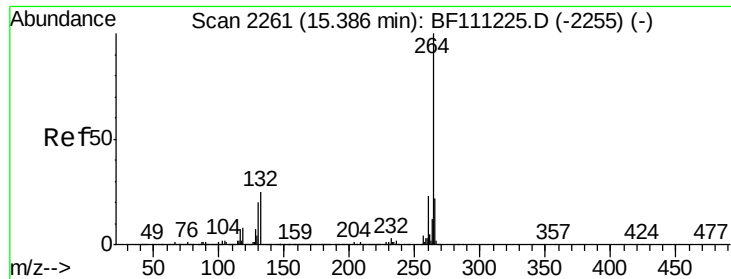
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.117 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:276 Resp: 2536937
Ion Ratio Lower Upper
276 100
138 33.9 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



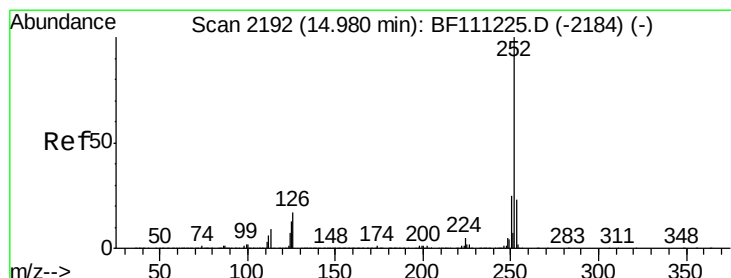
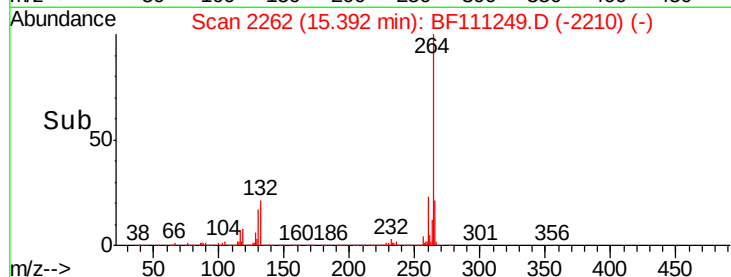
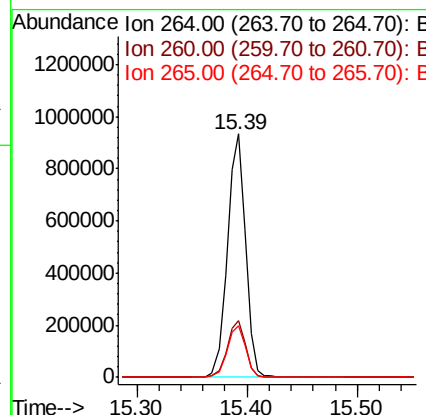
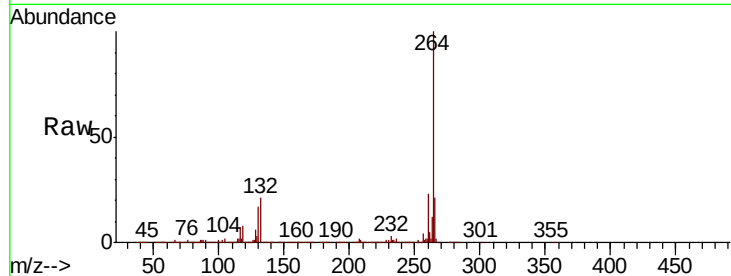


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tgt Ion:264 Resp: 1073965

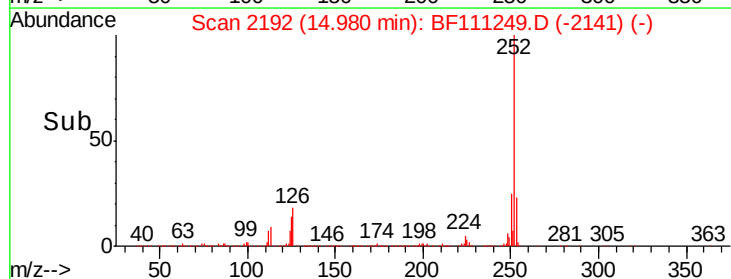
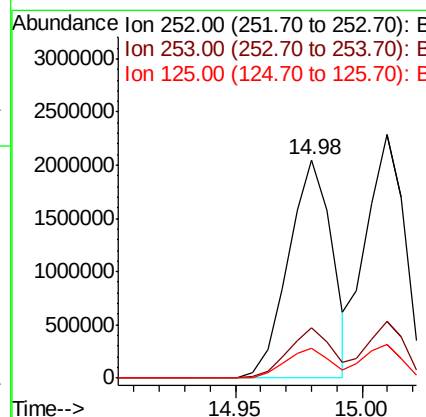
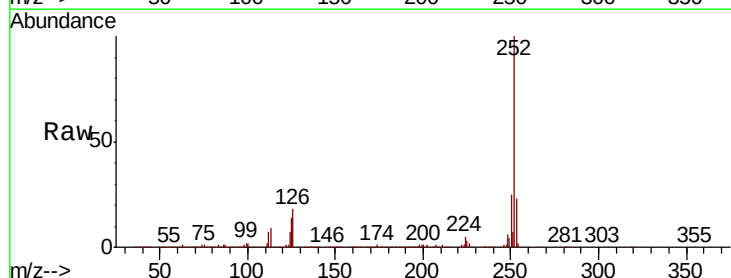
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.4	17.7	26.5

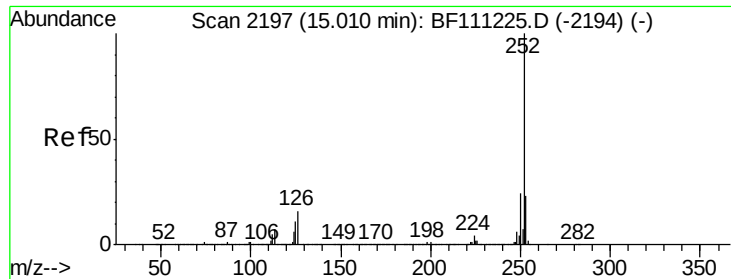


#88
Benzo(b)fluoranthene
Concen: 41.462 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:252 Resp: 2462564

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	13.7	10.4	15.6

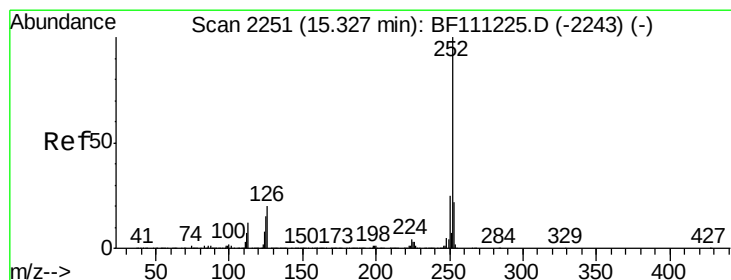
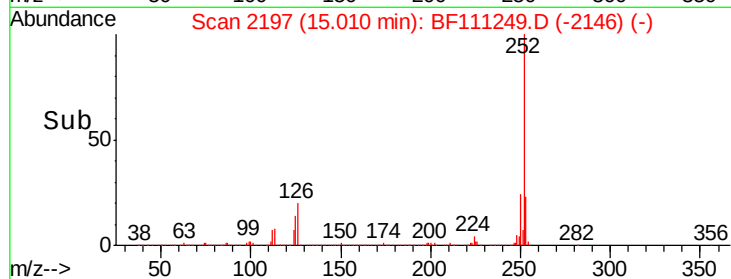
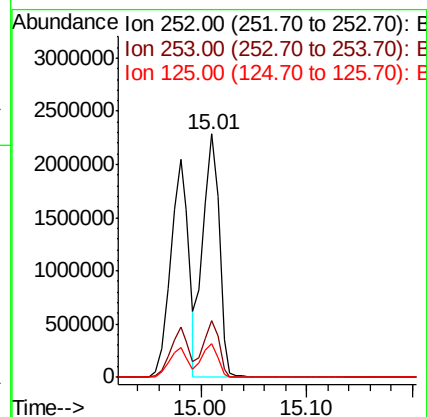
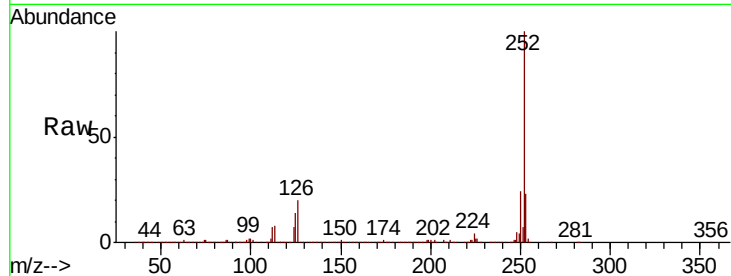




#89
Benzo(k)fluoranthene
Concen: 43.626 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

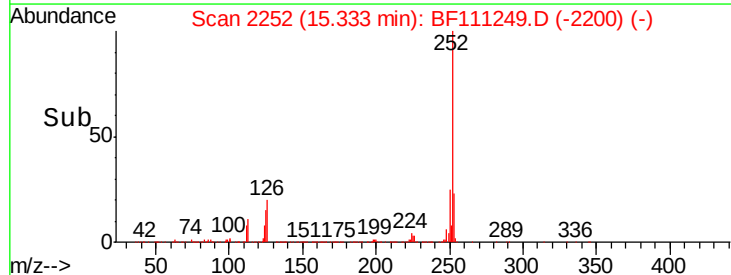
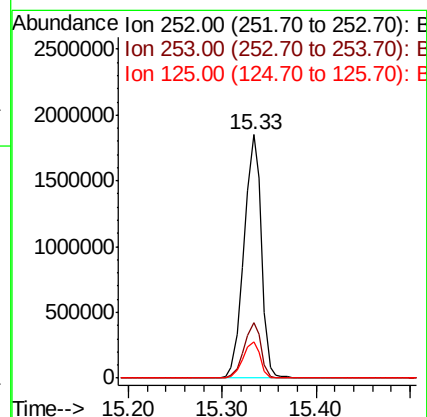
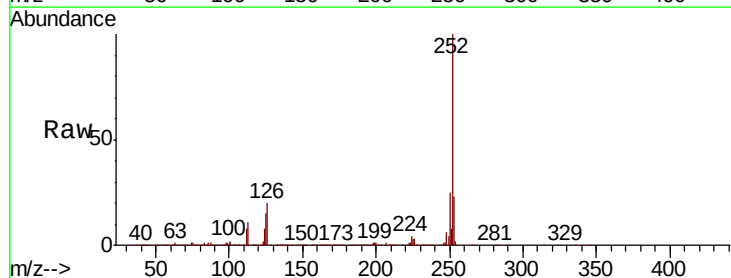
Instrument :
BNA_F
ClientSampleId :
PB115276BSD

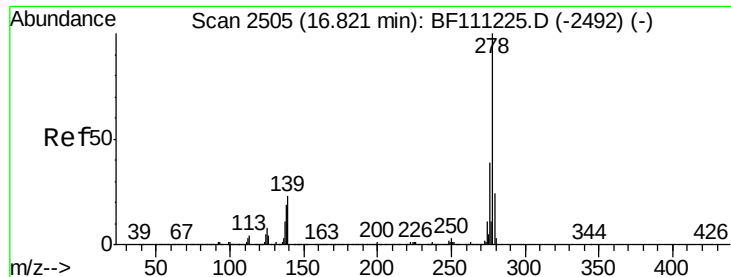
Tgt Ion:252 Resp: 2436093
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 13.9 9.8 14.8



#90
Benzo(a)pyrene
Concen: 43.362 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:252 Resp: 2371603
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 15.0 12.3 18.5



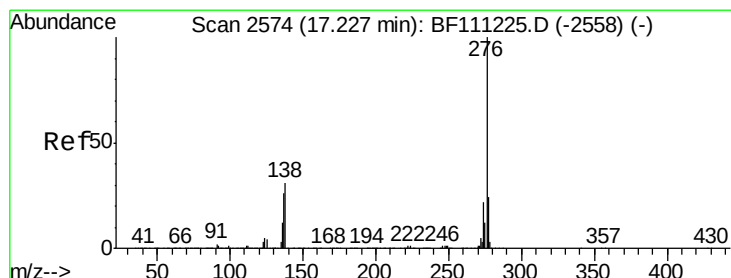
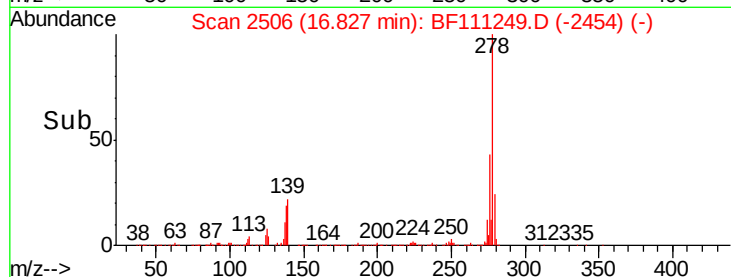
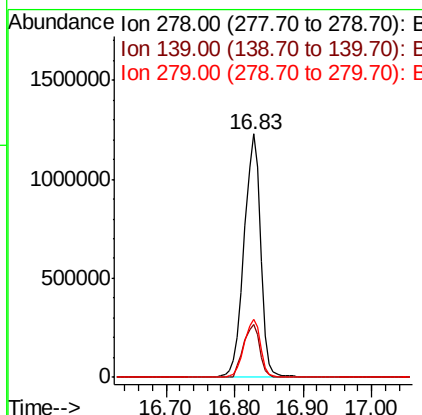
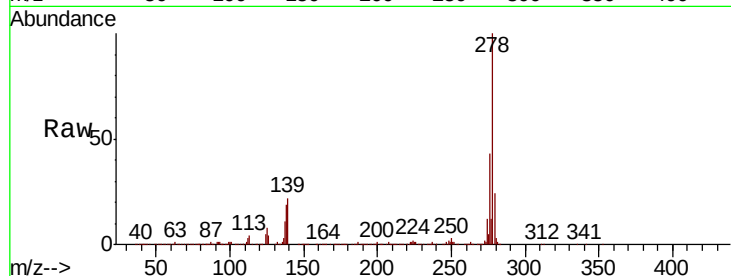


#91
Dibenzo(a,h)anthracene
Concen: 48.218 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tgt Ion: 278 Resp: 2071383

Ion	Ratio	Lower	Upper
278	100		
139	21.8	18.2	27.4
279	24.0	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 50.545 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion: 276 Resp: 2173613

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	28.1	24.9	37.3

