

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111514.D
 Acq On : 16 Dec 2018 17:53
 Operator : JU/SJ
 Sample : J6391-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MSD

Quant Time: Dec 17 06:42:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	159965	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	896452	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	350172	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	487594	20.00	ng	0.00
76) Chrysene-d12	13.96	240	406625	20.00	ng	0.00
87) Perylene-d12	15.39	264	293350	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1066828	110.98	ng	0.00
7) Phenol-d6	6.45	99	1358006	106.20	ng	0.00
23) Nitrobenzene-d5	7.36	82	1176865	78.18	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	260141	82.93	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1740094	76.76	ng	0.00
79) Terphenyl-d14	12.90	244	1094344	63.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	158646	34.170	ng	97
3) Pyridine	3.29	79	138035	11.838	ng	91
4) n-Nitrosodimethylamine	3.19	42	238854	45.096	ng	89
6) Aniline	6.46	93	106041	6.686	ng	# 1
8) 2-Chlorophenol	6.59	128	445111	38.753	ng	92
9) Benzaldehyde	6.33	77	137022	17.667	ng	96
10) Phenol	6.46	94	595102	41.778	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	414090	37.084	ng	99
12) 1,3-Dichlorobenzene	6.73	146	469157	37.106	ng	97
13) 1,4-Dichlorobenzene	6.81	146	477780	37.229	ng	99
14) 1,2-Dichlorobenzene	6.96	146	453778	37.585	ng	99
15) Benzyl Alcohol	6.93	79	368376	37.862	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1070586	49.104	ng	88
17) 2-Methylphenol	7.06	107	446219	48.272	ng	94
18) Hexachloroethane	7.30	117	223530	46.802	ng	95
19) n-Nitroso-di-n-propylamine	7.21	70	421516	49.966	ng	99
20) 3+4-Methylphenols	7.21	107	615979	53.123	ng	# 69
22) Acetophenone	7.20	105	847422	42.346	ng	# 85
24) Nitrobenzene	7.37	77	622298	40.523	ng	92
25) Isophorone	7.62	82	1130943	44.400	ng	99
26) 2-Nitrophenol	7.69	139	295164	37.062	ng	90
27) 2,4-Dimethylphenol	7.73	122	534482	46.293	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	758125	43.114	ng	98
29) 2,4-Dichlorophenol	7.94	162	476391	38.652	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	499355	38.703	ng	99
31) Naphthalene	8.10	128	1711549	40.820	ng	97
32) Benzoic acid	7.84	122	192459	19.290	ng	98
33) 4-Chloroaniline	8.15	127	148102	7.943	ng	95
34) Hexachlorobutadiene	8.22	225	257058	36.163	ng	97
35) Caprolactam	8.51	113	110900	24.235	ng	99
36) 4-Chloro-3-methylphenol	8.63	107	469969	34.642	ng	100
37) 2-Methylnaphthalene	8.79	142	1110051	39.124	ng	98
38) 1-Methylnaphthalene	8.89	142	1035980	37.796	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	437174	45.524	ng	98

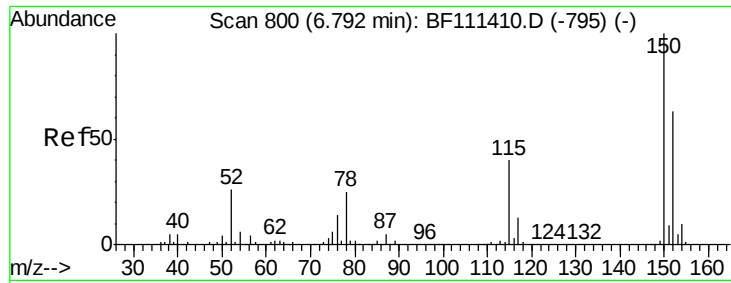
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111514.D
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 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	95059	19.280	ng	95
43) 2,4,6-Trichlorophenol	9.07	196	275070	40.471	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	277000	38.299	ng	95
46) 1,1'-Biphenyl	9.25	154	1260299	42.476	ng	94
47) 2-Chloronaphthalene	9.27	162	949399	42.096	ng	95
48) 2-Nitroaniline	9.37	65	292842	39.990	ng	93
49) Acenaphthylene	9.69	152	1404467	41.953	ng	95
50) Dimethylphthalate	9.55	163	1155870	45.834	ng	99
51) 2,6-Dinitrotoluene	9.61	165	221821	39.077	ng	93
52) Acenaphthene	9.86	154	809809	38.273	ng	98
53) 3-Nitroaniline	9.77	138	148940	21.602	ng	96
54) 2,4-Dinitrophenol	9.89	184	6782	3.140	ng	# 74
55) Dibenzofuran	10.03	168	1196047	38.943	ng	94
56) 4-Nitrophenol	9.96	139	297787	62.409	ng	92
57) 2,4-Dinitrotoluene	10.01	165	266471	35.766	ng	97
58) Fluorene	10.37	166	868763	38.998	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	188762	33.404	ng	96
60) Diethylphthalate	10.25	149	966781	37.846	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	401256	36.815	ng	96
62) 4-Nitroaniline	10.39	138	168587	24.700	ng	92
63) Azobenzene	10.53	77	884416	35.118	ng	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	8711	3.165	ng	93
66) n-Nitrosodiphenylamine	10.49	169	754742	44.886	ng	97
67) 4-Bromophenyl-phenylether	10.86	248	223098	42.452	ng	96
68) Hexachlorobenzene	10.93	284	246555	45.609	ng	95
69) Atrazine	11.02	200	208045	42.813	ng	98
70) Pentachlorophenol	11.12	266	232551	70.137	ng	98
71) Phenanthrene	11.33	178	1100421	43.798	ng	94
72) Anthracene	11.39	178	1112075	43.280	ng	95
73) Carbazole	11.54	167	1035680	38.978	ng	93
74) Di-n-butylphthalate	11.87	149	1271026	42.952	ng	97
75) Fluoranthene	12.53	202	1096734	44.620	ng	97
78) Pyrene	12.75	202	1105586	38.565	ng	96
80) Butylbenzylphthalate	13.37	149	486484	34.814	ng	99
81) Benzo(a)anthracene	13.94	228	925512	41.860	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	38862	4.324	ng	# 93
83) Chrysene	13.98	228	842534	36.174	ng	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	737812	41.338	ng	99
85) Di-n-octyl phthalate	14.55	149	1292934	42.947	ng	96
86) Indeno(1,2,3-cd)pyrene	16.82	276	603043	35.874	ng	97
88) Benzo(b)fluoranthene	14.98	252	745988	43.618	ng	99
89) Benzo(k)fluoranthene	15.01	252	730513	44.702	ng	98
90) Benzo(a)pyrene	15.33	252	654906	42.464	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	506586	41.640	ng	98
92) Benzo(g,h,i)perylene	17.24	276	503822	42.190	ng	96

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

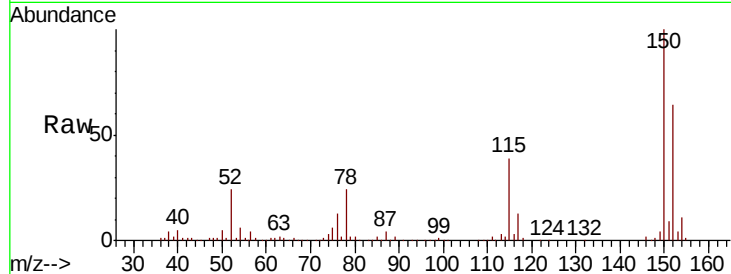


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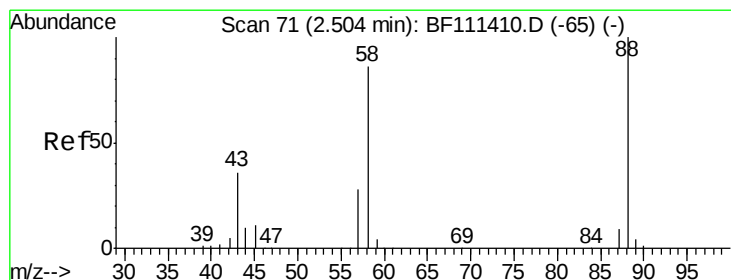
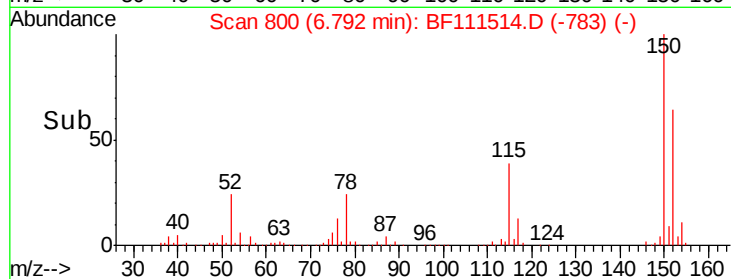
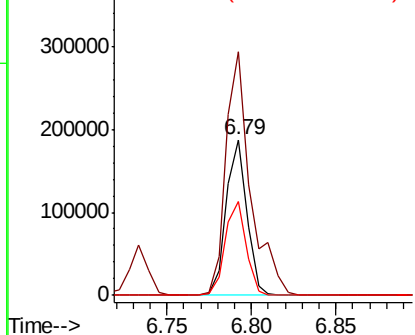
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion: 152 Resp: 159965
Ion Ratio Lower Upper
152 100
150 156.5 126.6 189.8
115 60.5 50.7 76.1



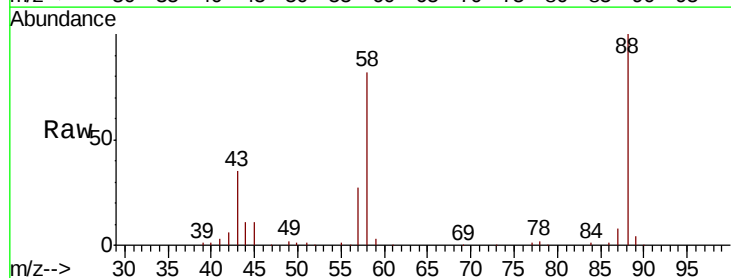
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



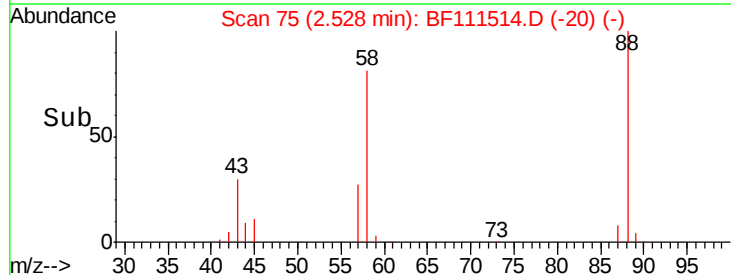
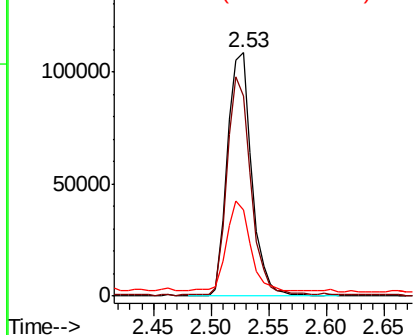
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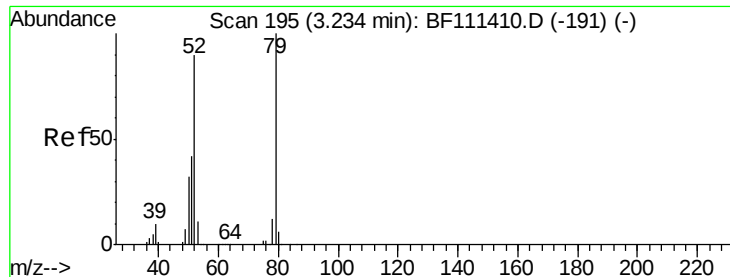
1,4-Dioxane
Concen: 34.170 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.02 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion: 88 Resp: 158646
Ion Ratio Lower Upper
88 100
58 87.4 68.9 103.3
43 36.1 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: 11.838 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.05 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

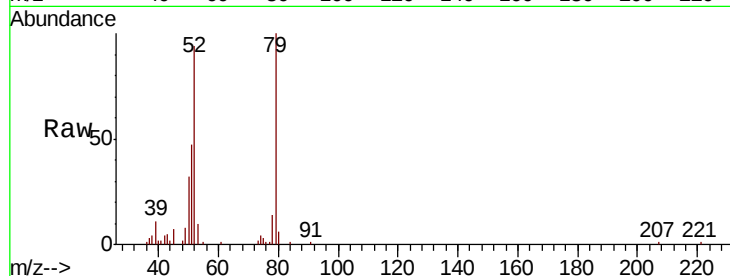
Tgt Ion: 79 Resp: 138035

Ion Ratio Lower Upper

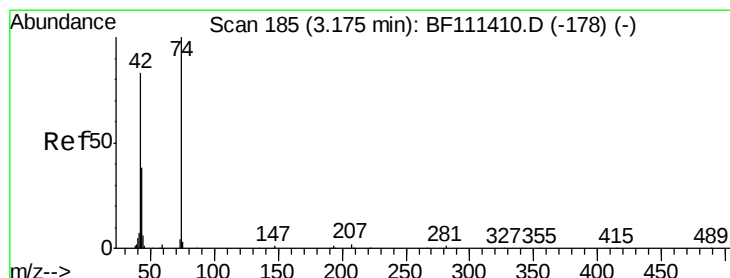
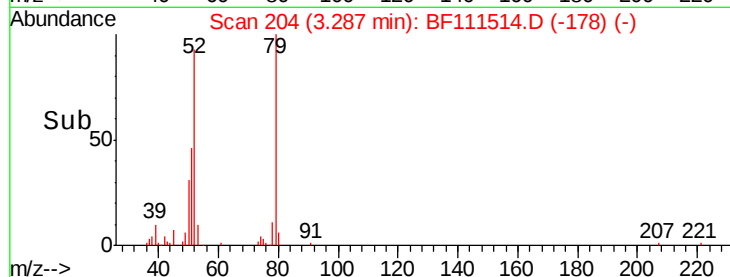
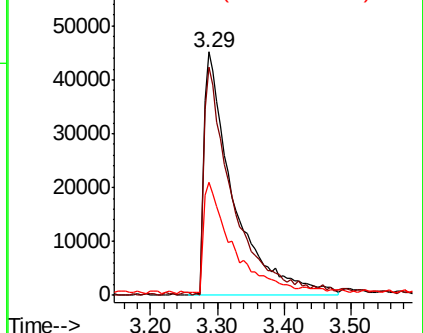
79 100

52 93.8 68.3 102.5

51 46.7 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.096 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.02 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

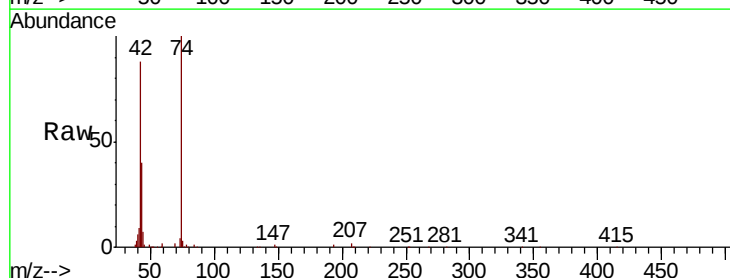
Tgt Ion: 42 Resp: 238854

Ion Ratio Lower Upper

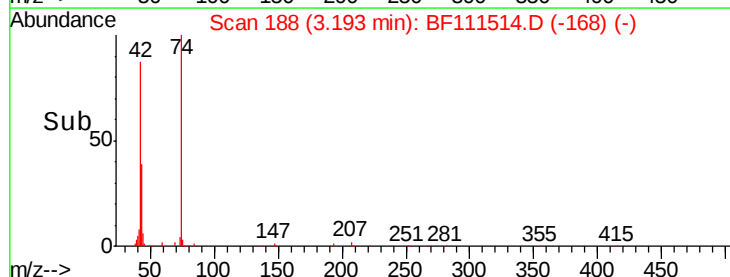
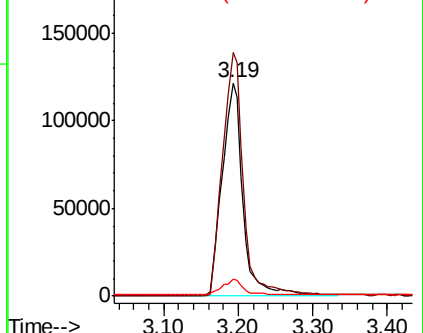
42 100

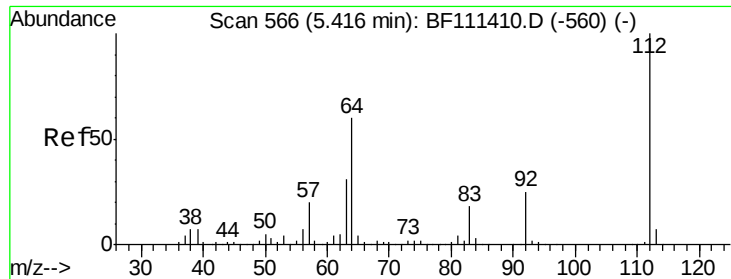
74 114.1 101.5 152.3

44 8.0 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 110.978 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

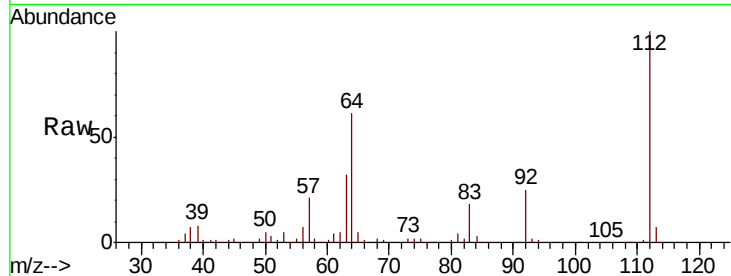
Tgt Ion: 112 Resp: 1066828

Ion Ratio Lower Upper

112 100

64 60.8 51.8 77.6

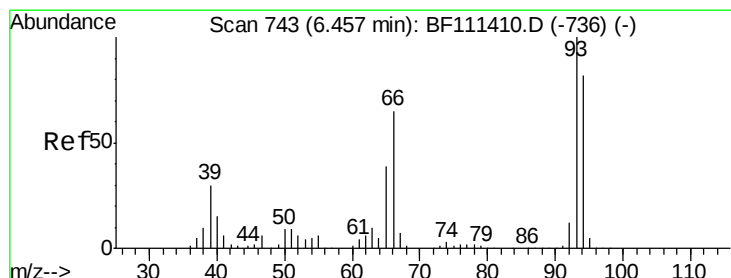
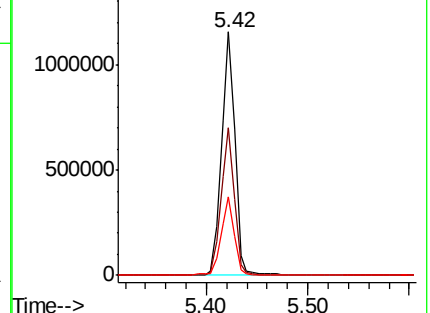
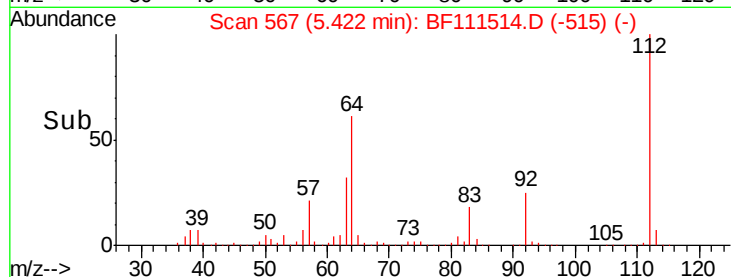
63 32.2 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.686 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

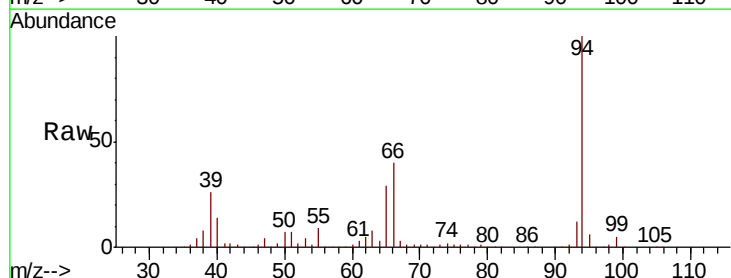
Tgt Ion: 93 Resp: 106041

Ion Ratio Lower Upper

93 100

66 344.9 33.2 49.8#

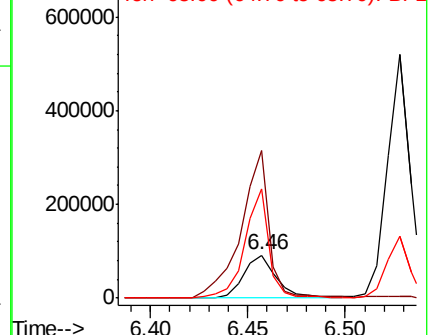
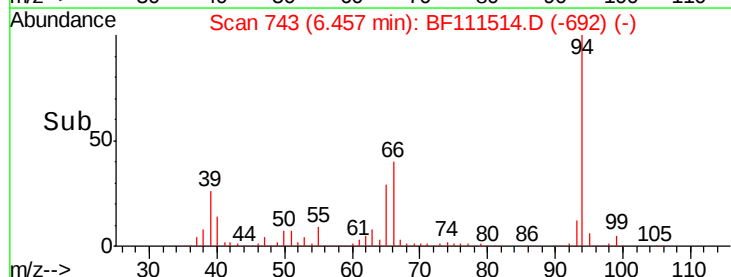
65 254.1 17.0 25.4#

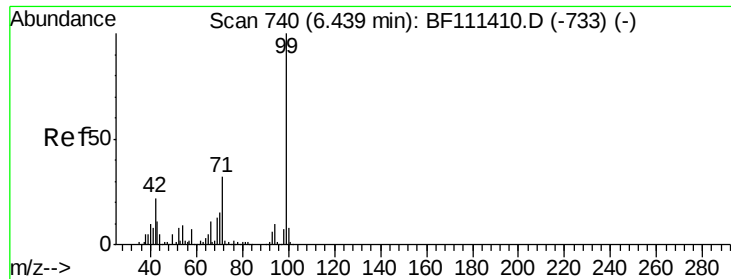


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.203 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

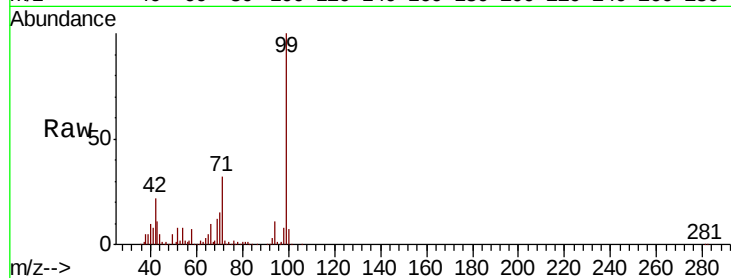
Tgt Ion: 99 Resp: 1358006

Ion Ratio Lower Upper

99 100

42 21.7 17.4 26.0

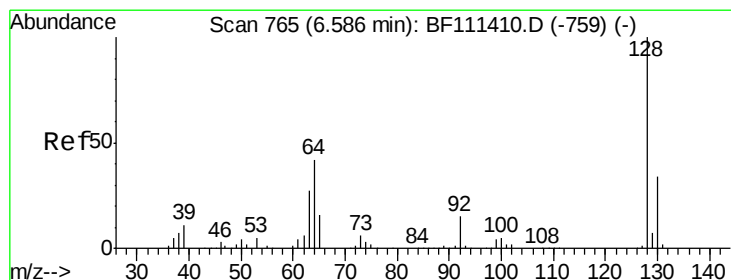
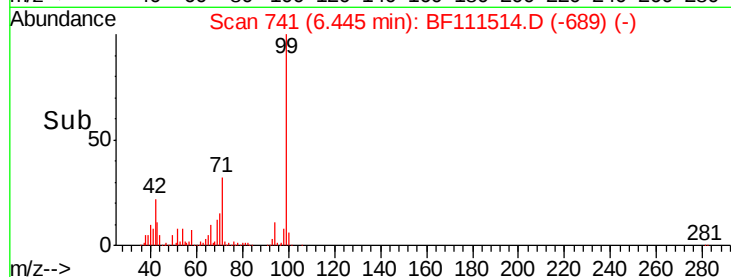
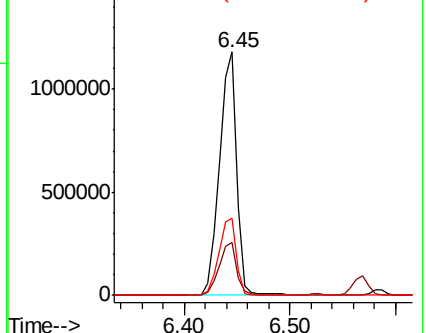
71 31.9 26.1 39.1



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: 38.753 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

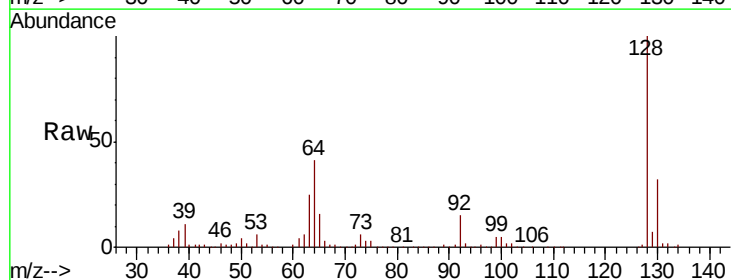
Tgt Ion: 128 Resp: 445111

Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

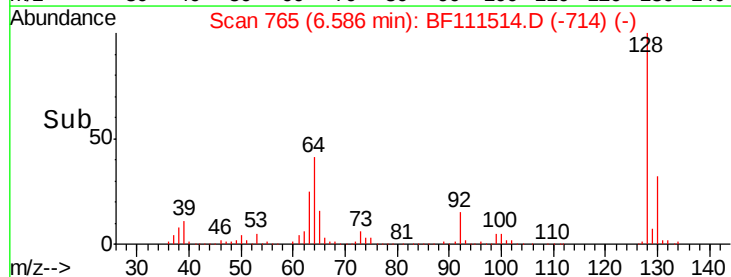
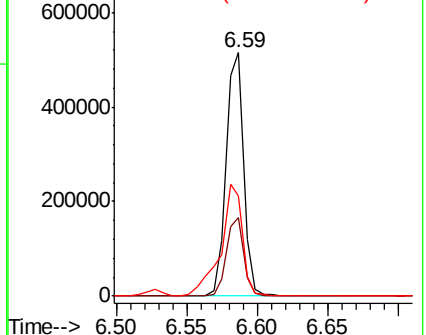
64 41.0 30.0 70.0

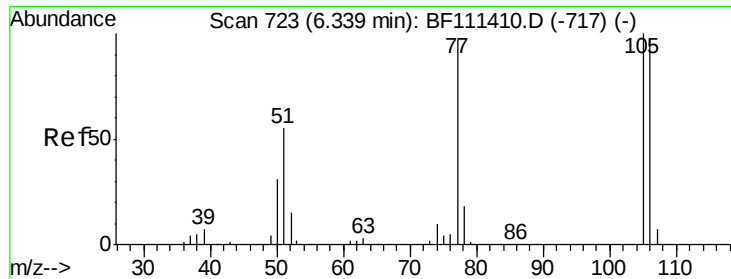


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.667 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

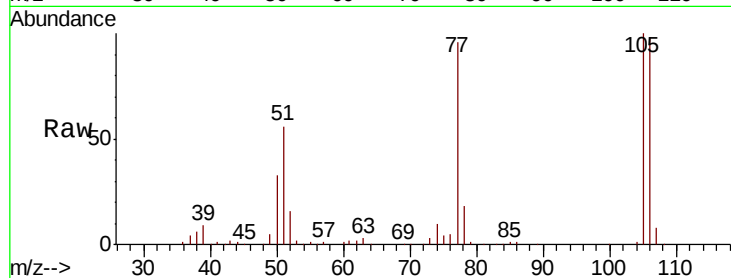
Tgt Ion: 77 Resp: 137022

Ion Ratio Lower Upper

77 100

105 104.4 81.4 121.4

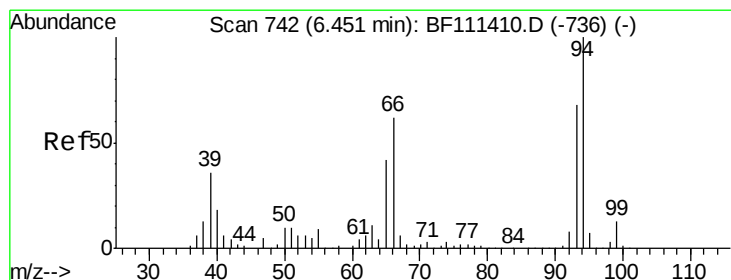
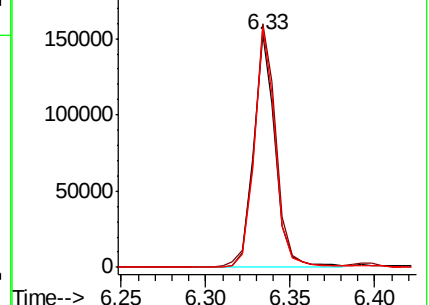
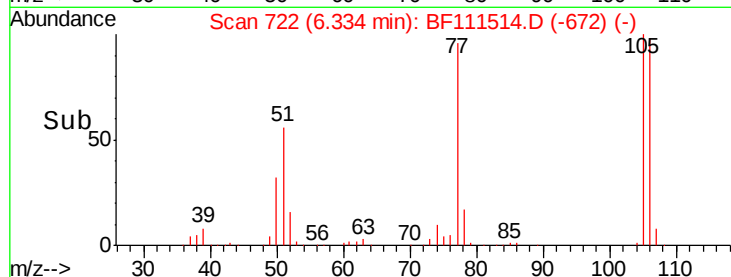
106 102.7 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.778 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

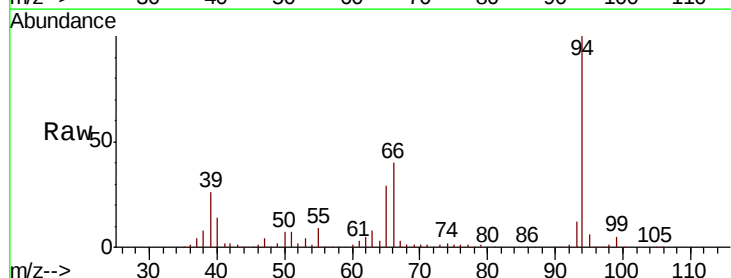
Tgt Ion: 94 Resp: 595102

Ion Ratio Lower Upper

94 100

65 29.5 11.7 51.7

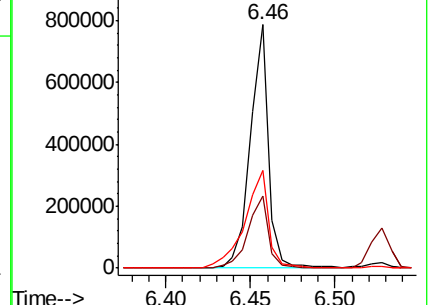
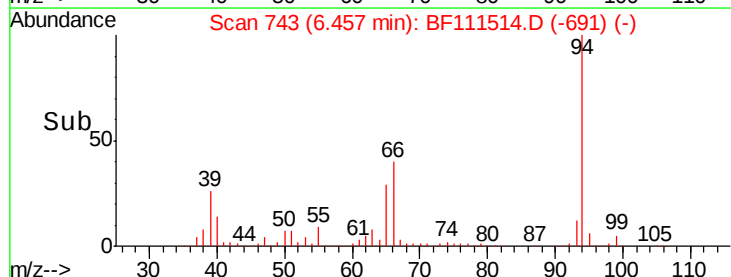
66 40.0 21.0 61.0

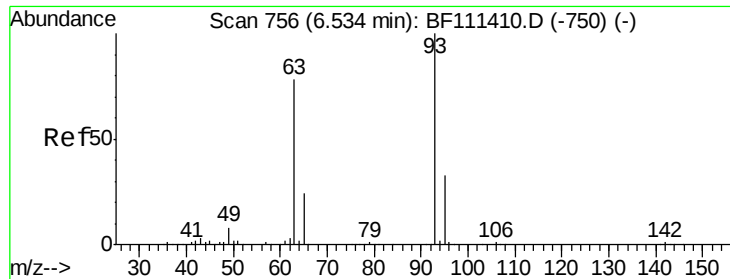


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

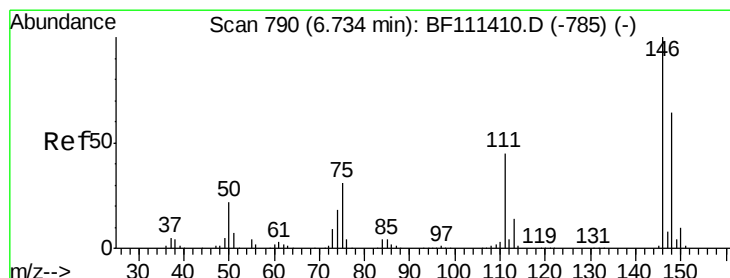
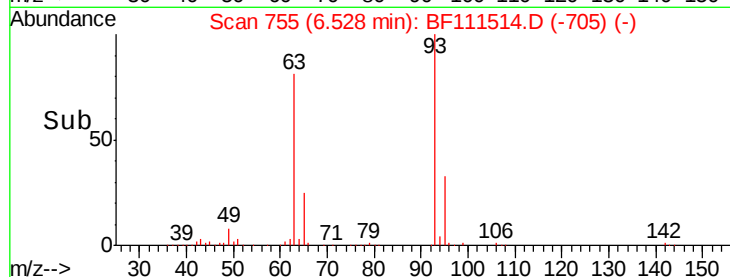
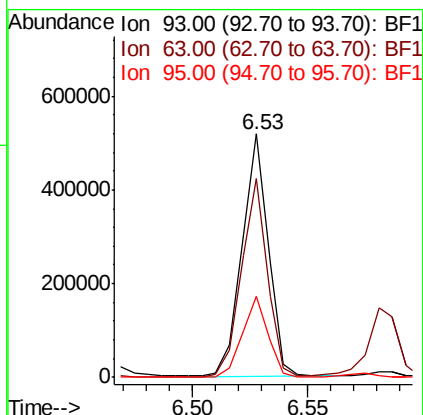
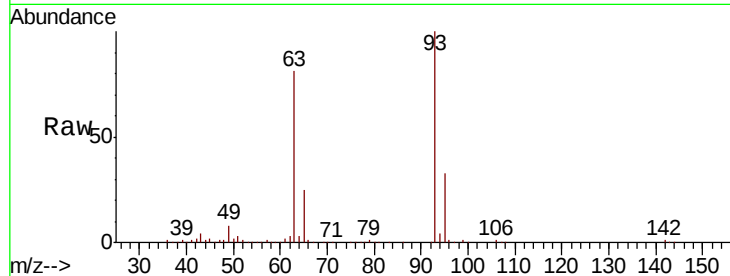




#11
bis(2-Chloroethyl)ether
Concen: 37.084 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

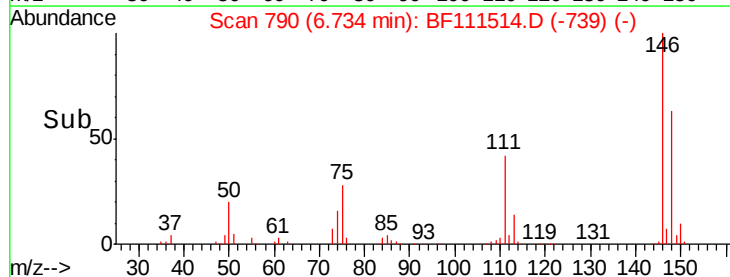
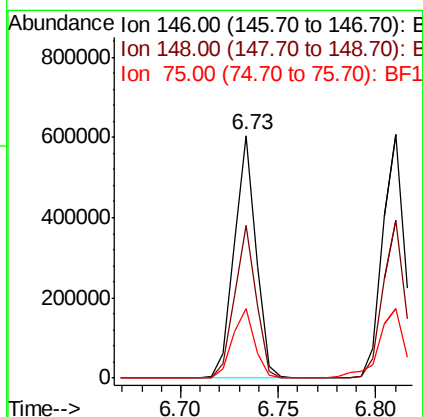
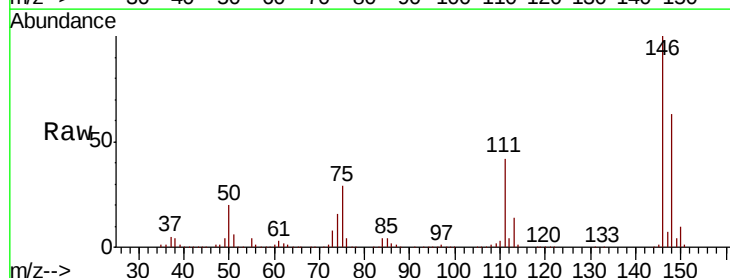
Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

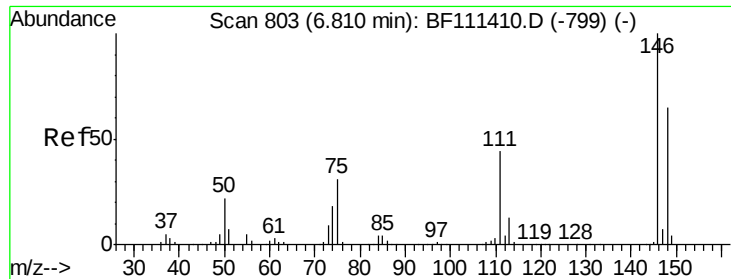
Tgt Ion	Ratio	Lower	Upper
93	100		
63	81.4	60.0	100.0
95	33.1	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 37.106 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.1	78.1
75	28.6	23.9	35.9

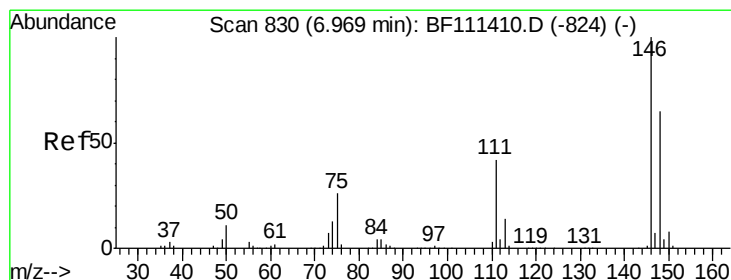
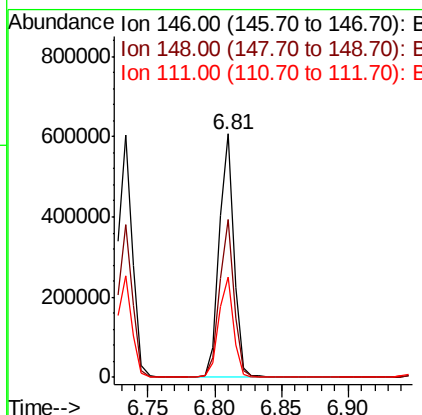
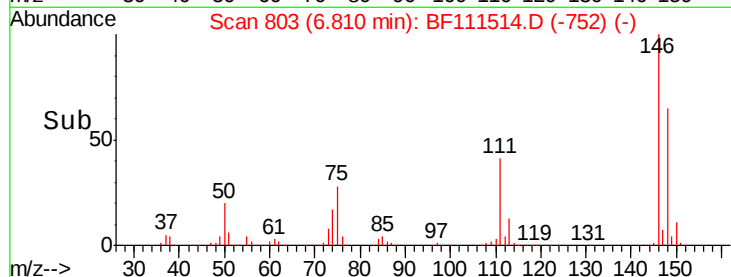
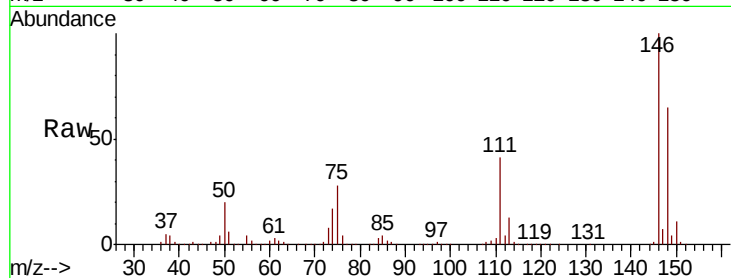




#13
 1,4-Dichlorobenzene
 Concen: 37.229 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF111514.D
 Acq: 16 Dec 2018 17:53

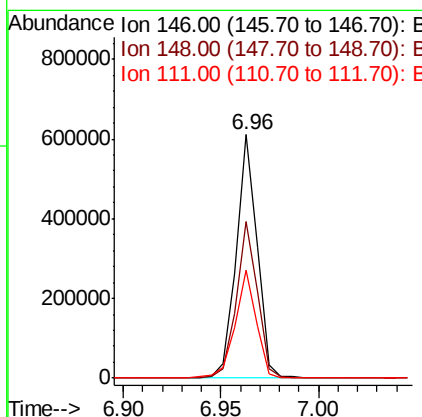
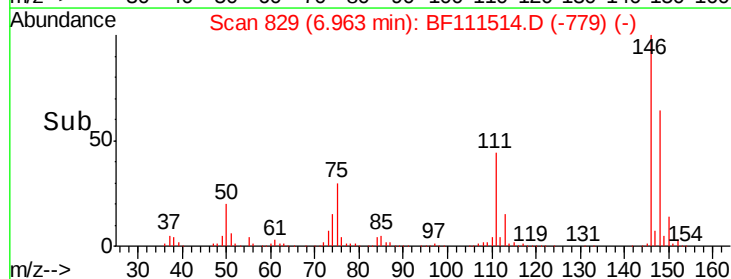
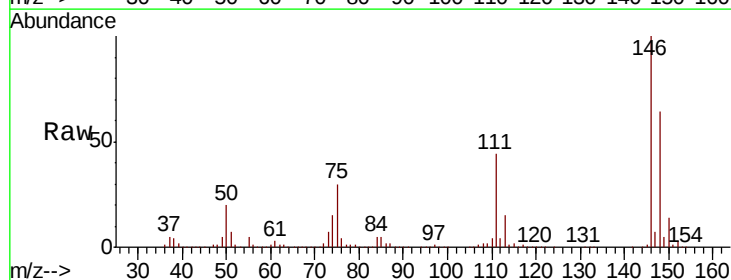
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MSD

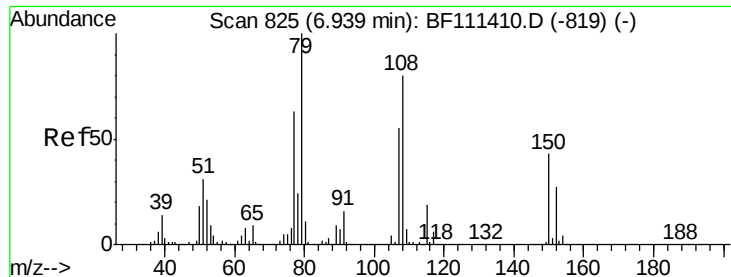
Tgt Ion:146 Resp: 477780
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.8 79.2
 111 41.4 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 37.585 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111514.D
 Acq: 16 Dec 2018 17:53

Tgt Ion:146 Resp: 453778
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 44.2 36.2 54.4

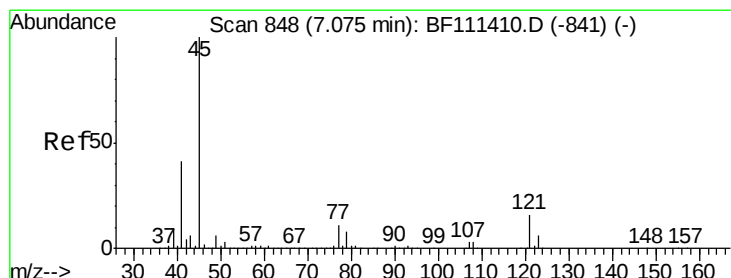
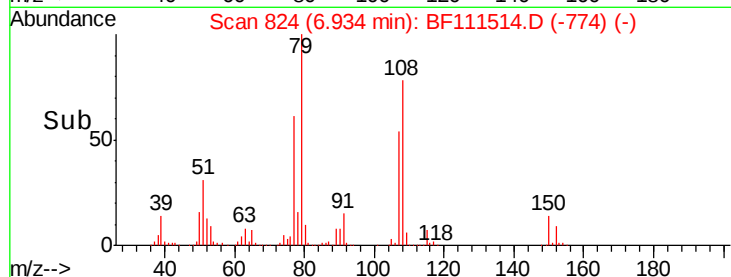
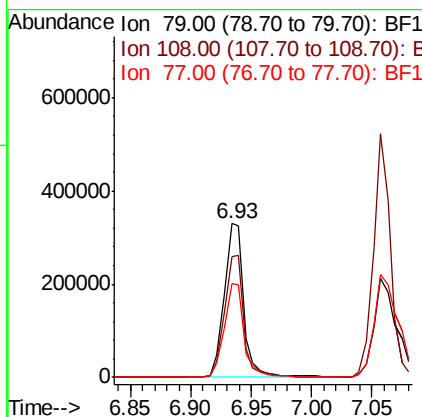
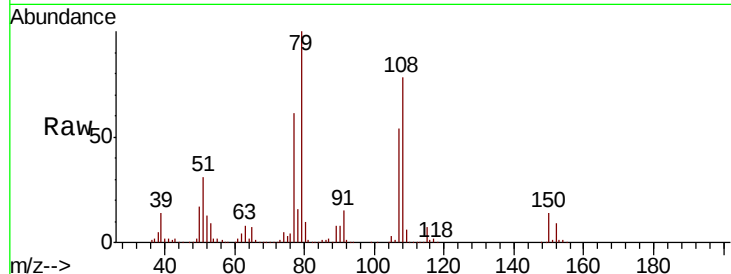




#15
Benzyl Alcohol
Concen: 37.862 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

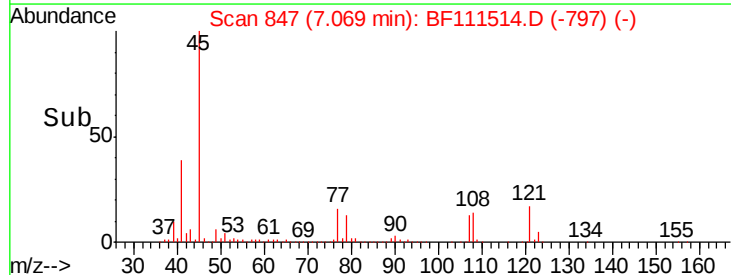
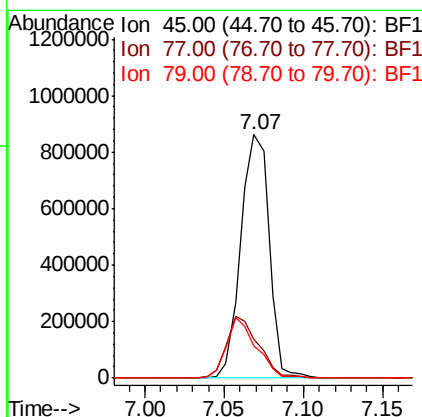
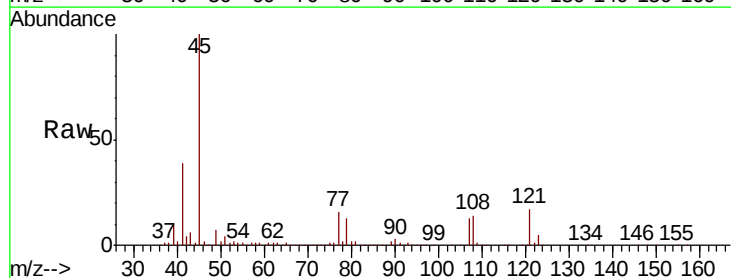
Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

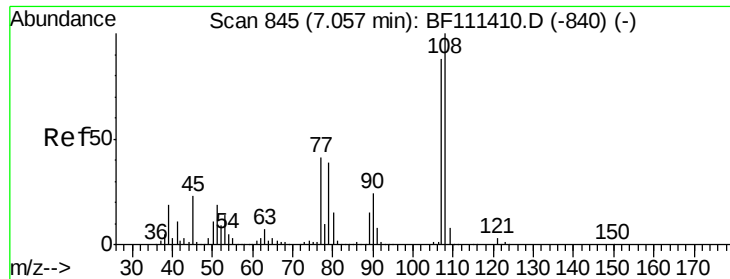
Tgt Ion: 79 Resp: 368376
Ion Ratio Lower Upper
79 100
108 78.3 69.4 104.2
77 61.2 49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.104 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion: 45 Resp: 1070586
Ion Ratio Lower Upper
45 100
77 15.9 0.0 31.5
79 13.3 0.0 28.9

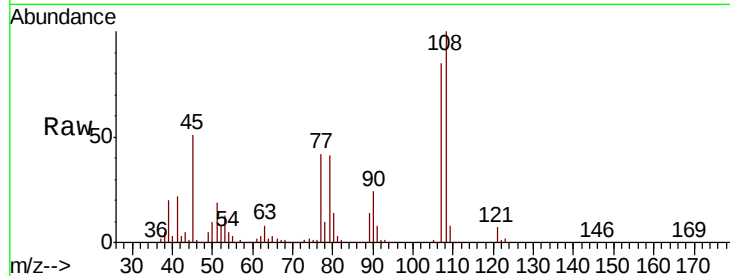




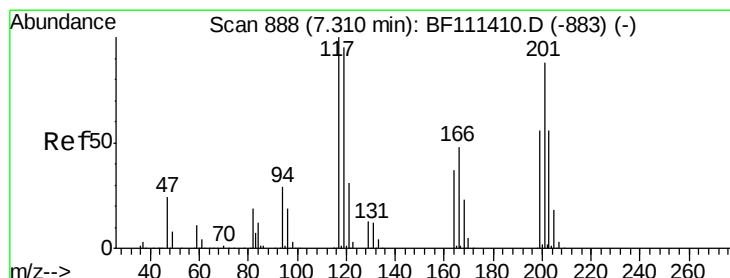
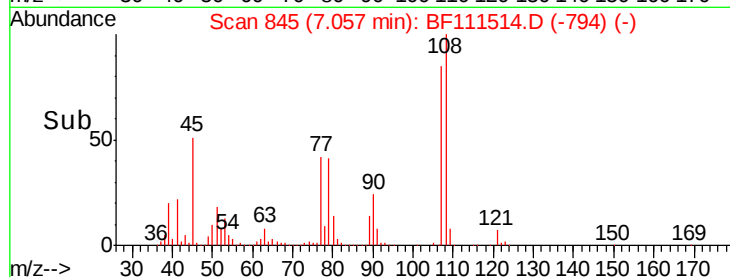
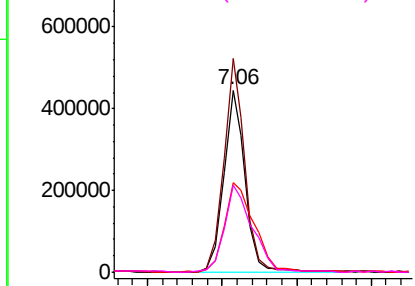
#17
2-Methylphenol
Concen: 48.272 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion:	107	Resp:	446219
Ion	Ratio	Lower	Upper
107	100		
108	117.1	91.0	136.4
77	49.4	33.5	50.3
79	47.8	33.3	49.9

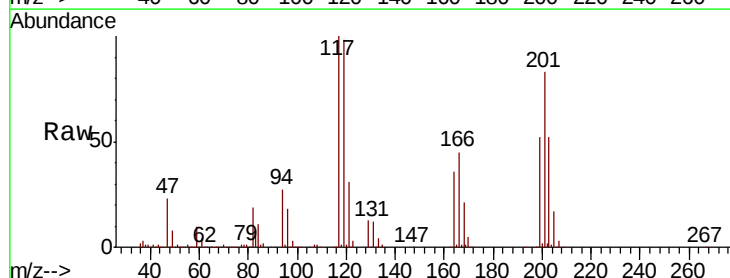


Abundance Ion 107.00 (106.70 to 107.70): E
800000 Ion 108.00 (107.70 to 108.70): E
600000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
200000
0

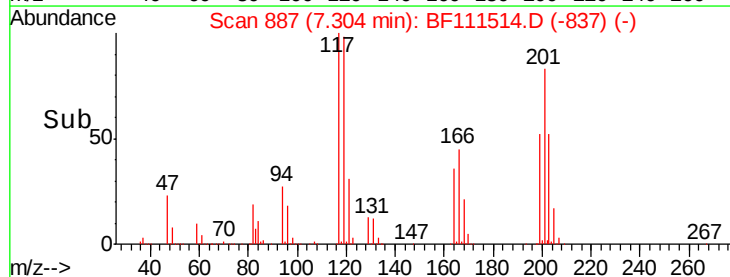
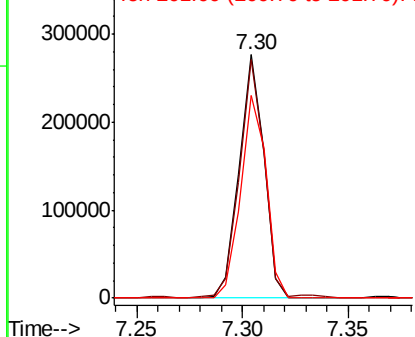


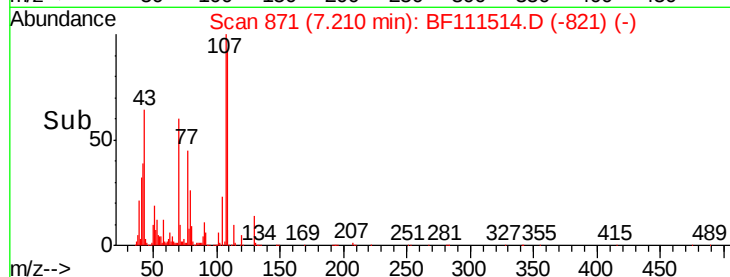
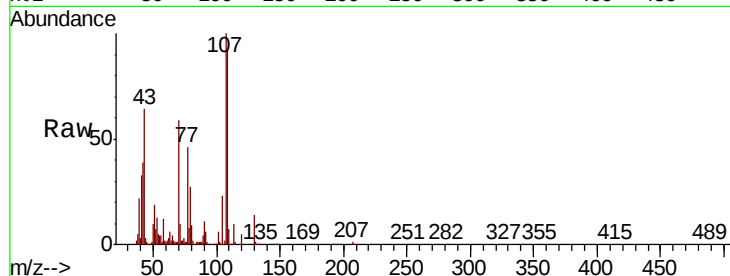
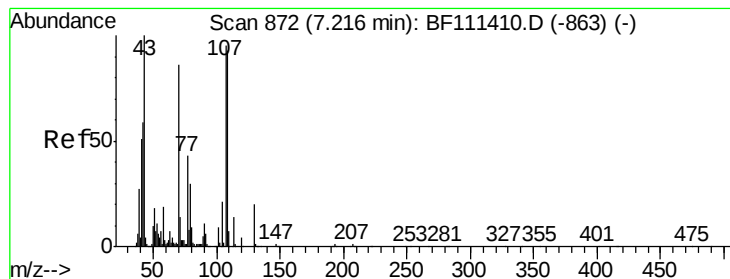
#18
Hexachloroethane
Concen: 46.802 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion:	117	Resp:	223530
Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.4	113.0
201	83.4	62.4	93.6



Abundance Ion 117.00 (116.70 to 117.70): E
300000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
100000
0





#19

n-Nitroso-di-n-propylamine

Concen: 49.966 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion: 70 Resp: 421516

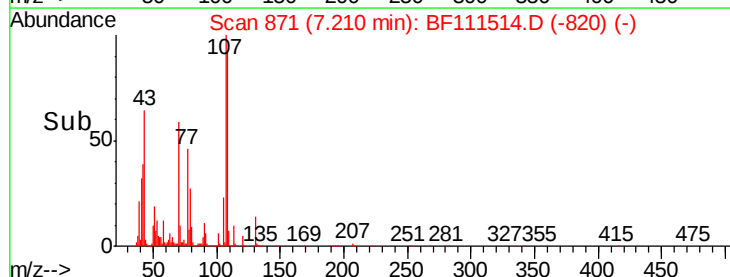
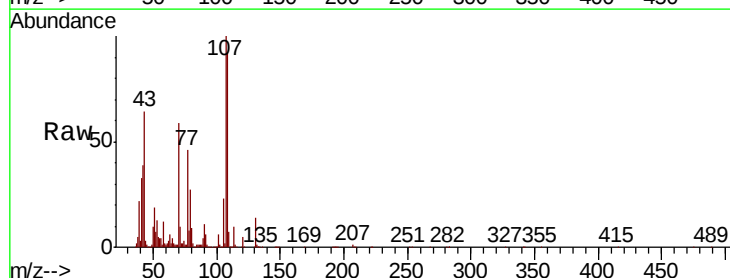
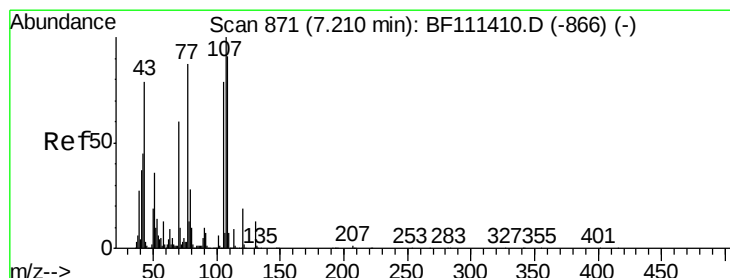
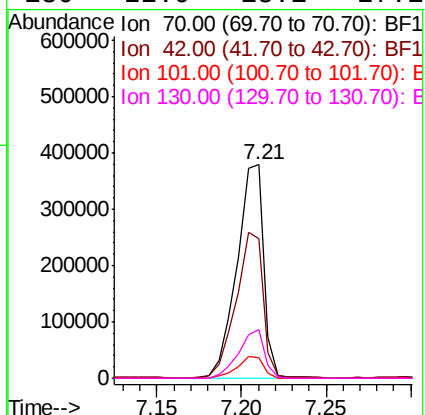
Ion Ratio Lower Upper

70 100

42 65.4 53.2 79.8

101 9.6 8.2 12.4

130 22.9 18.1 27.1



#20

3+4-Methylphenols

Concen: 53.123 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Tgt Ion: 107 Resp: 615979

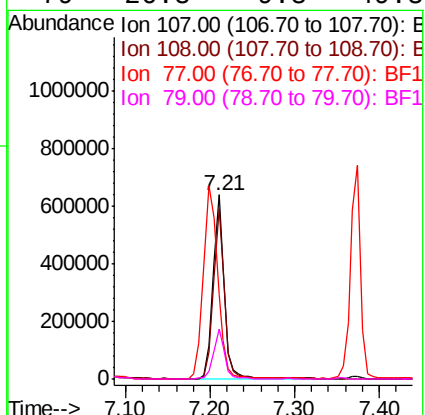
Ion Ratio Lower Upper

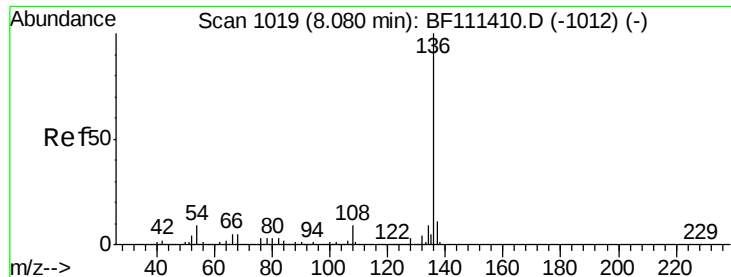
107 100

108 92.2 72.1 112.1

77 45.7 94.1 134.1#

79 26.8 9.8 49.8

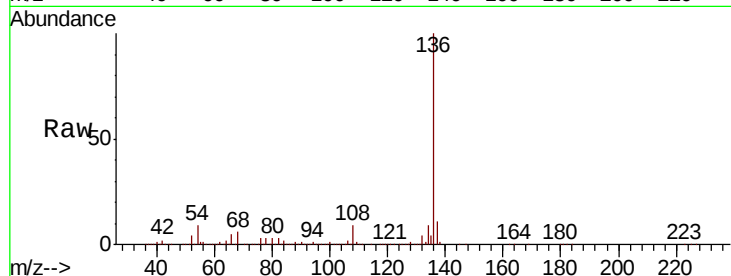




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion:	136	Resp:	896452
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.8	7.7	11.5
68	5.7	4.9	7.3



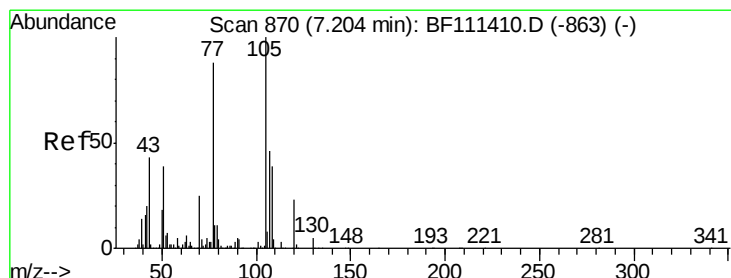
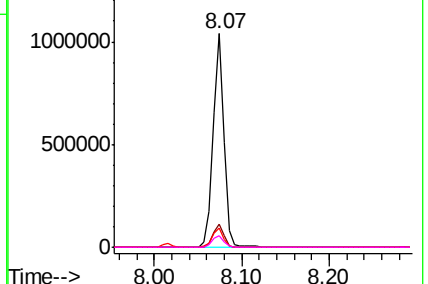
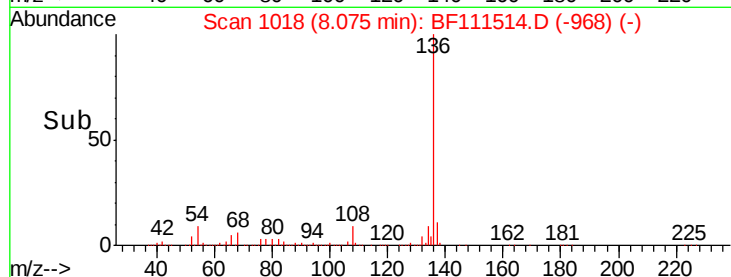
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

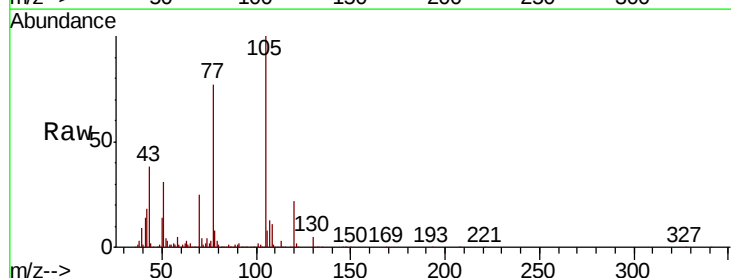
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.346 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion:	105	Resp:	847422
Ion	Ratio	Lower	Upper
105	100		
71	4.5	3.1	4.7
51	30.9	36.6	54.8#
120	21.9	18.2	27.4



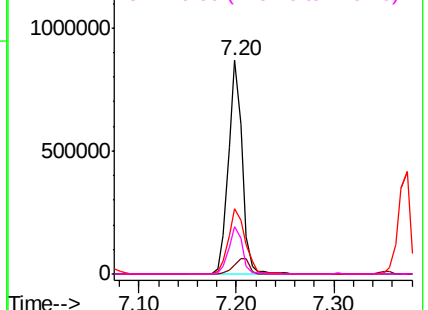
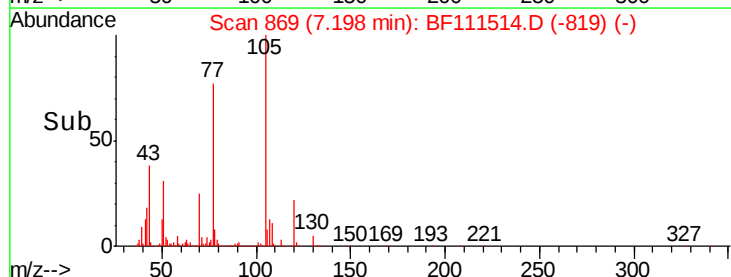
Abundance

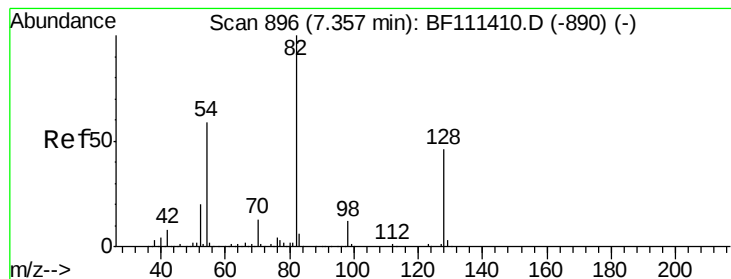
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.176 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

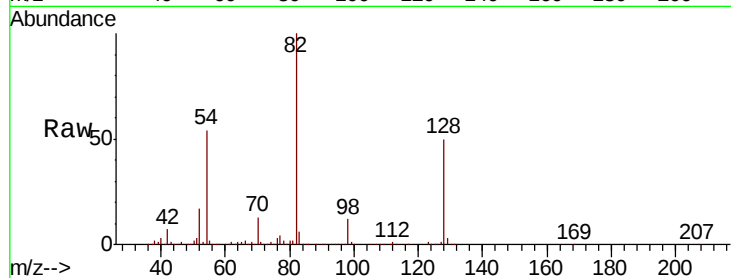
Tgt Ion: 82 Resp: 1176865

Ion Ratio Lower Upper

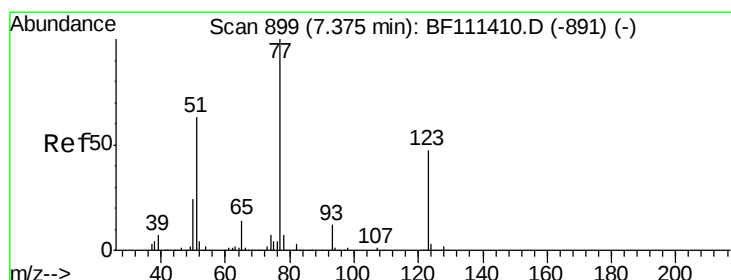
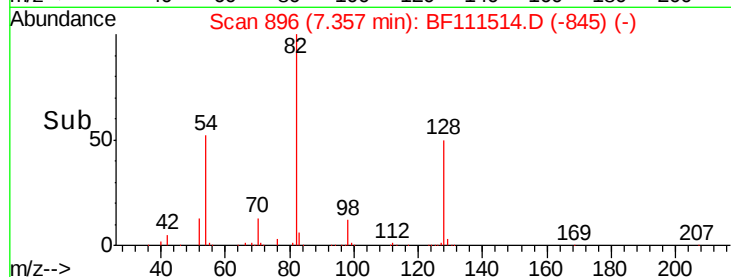
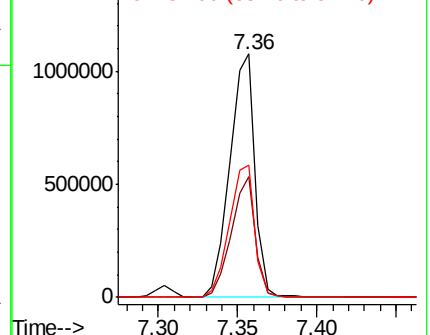
82 100

128 49.6 37.4 56.2

54 54.4 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: 40.523 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

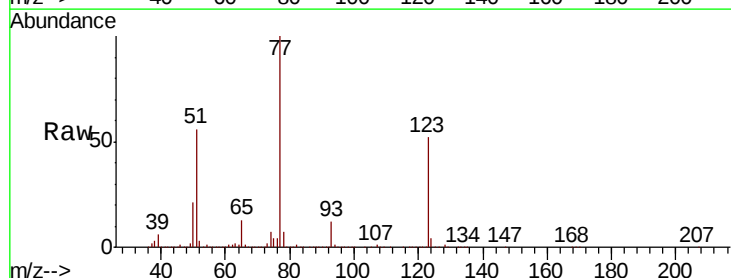
Tgt Ion: 77 Resp: 622298

Ion Ratio Lower Upper

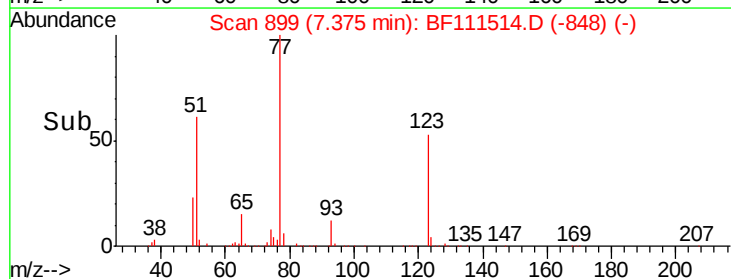
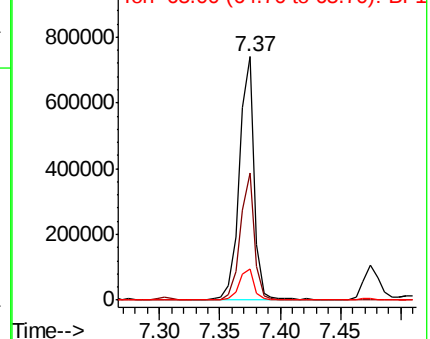
77 100

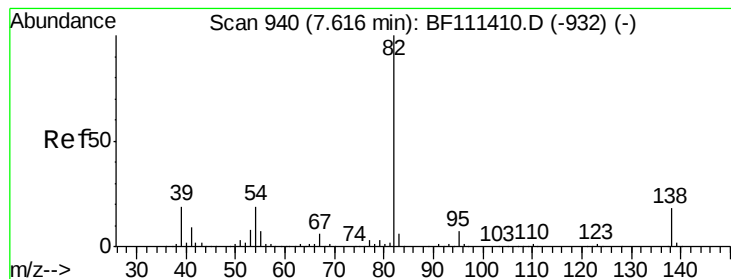
123 52.4 37.2 55.8

65 12.9 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: 44.400 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

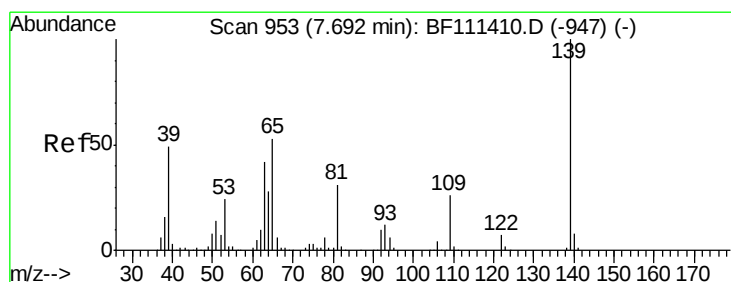
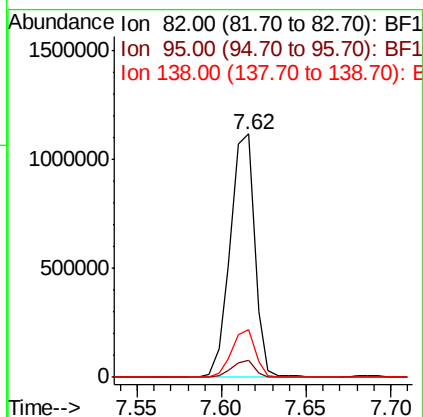
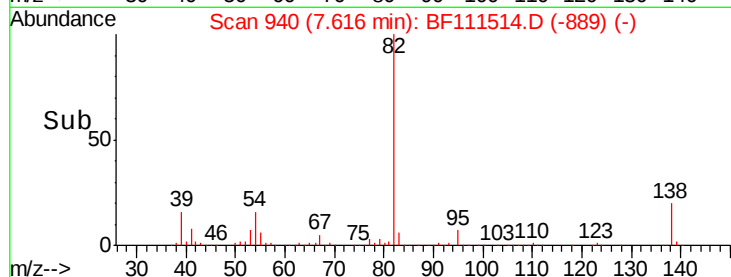
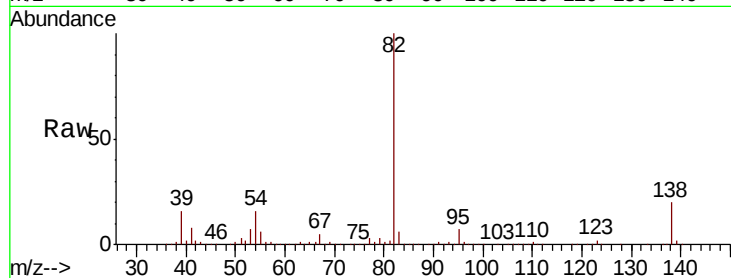
Tgt Ion: 82 Resp: 1130943

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 19.6 15.1 22.7



#26

2-Nitrophenol

Concen: 37.062 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

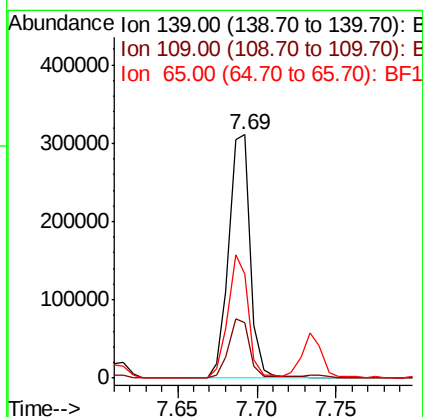
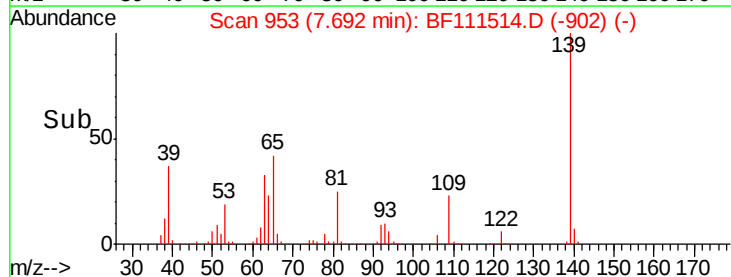
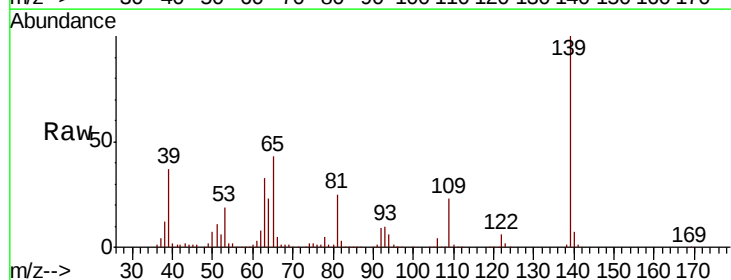
Tgt Ion: 139 Resp: 295164

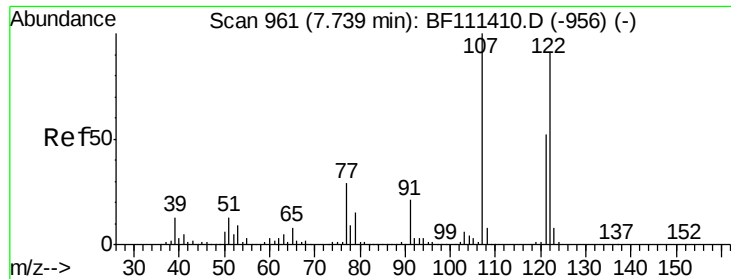
Ion Ratio Lower Upper

139 100

109 22.7 20.2 30.4

65 42.6 40.7 61.1

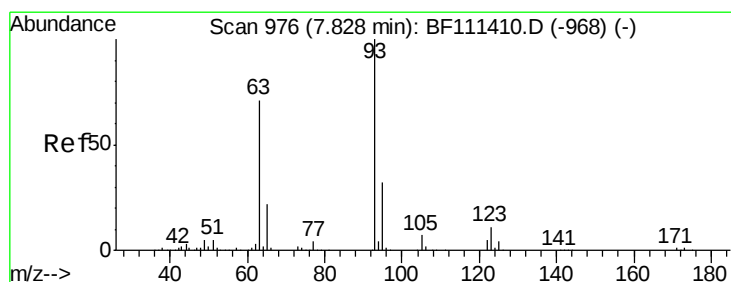
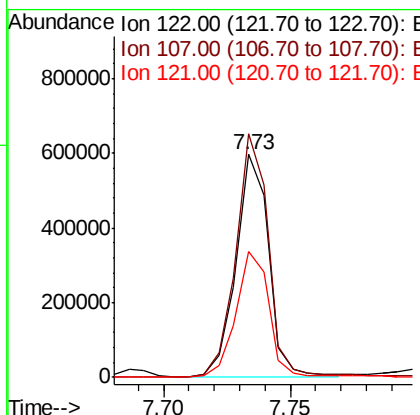
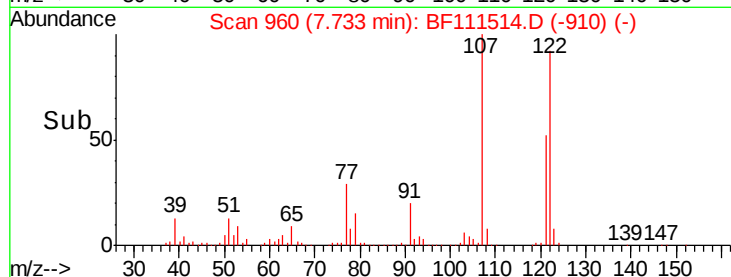
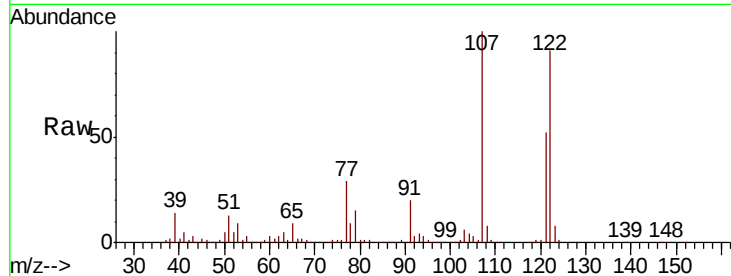




#27
 2,4-Dimethylphenol
 Concen: 46.293 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF111514.D
 Acq: 16 Dec 2018 17:53

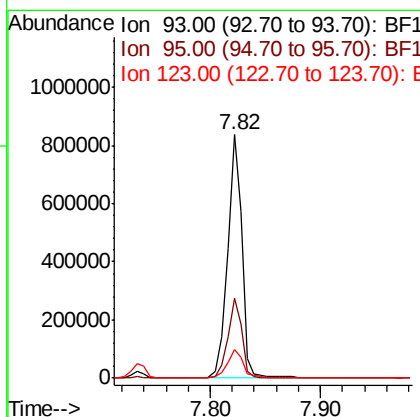
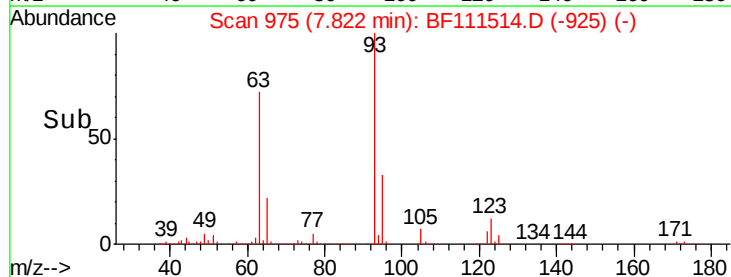
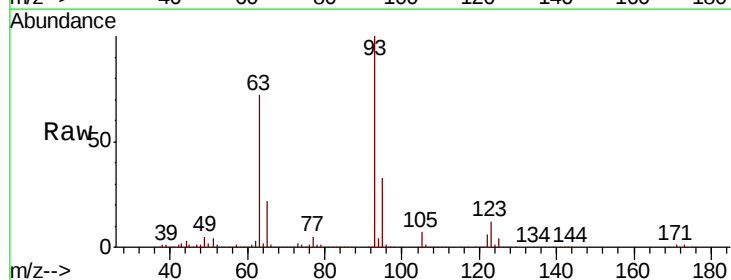
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MSD

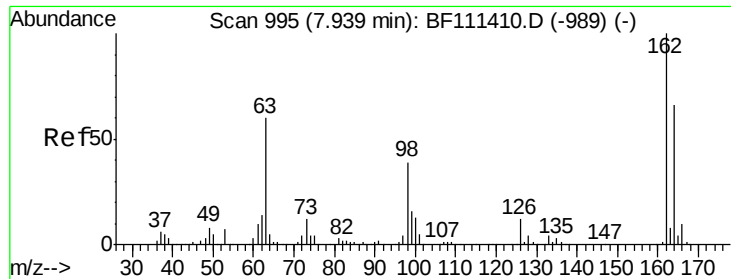
Tgt Ion:122 Resp: 534482
 Ion Ratio Lower Upper
 122 100
 107 109.4 85.5 128.3
 121 56.4 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.114 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF111514.D
 Acq: 16 Dec 2018 17:53

Tgt Ion: 93 Resp: 758125
 Ion Ratio Lower Upper
 93 100
 95 32.9 27.1 40.7
 123 11.8 9.9 14.9

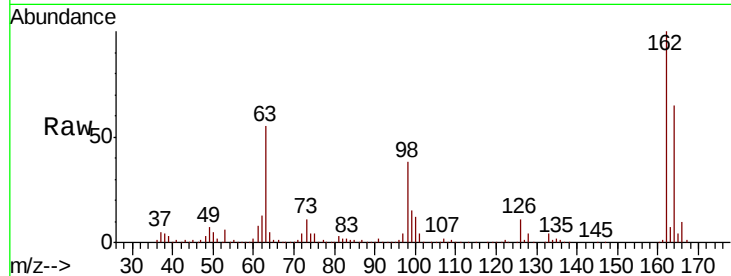




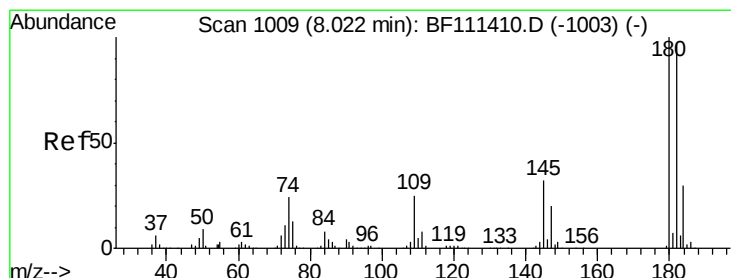
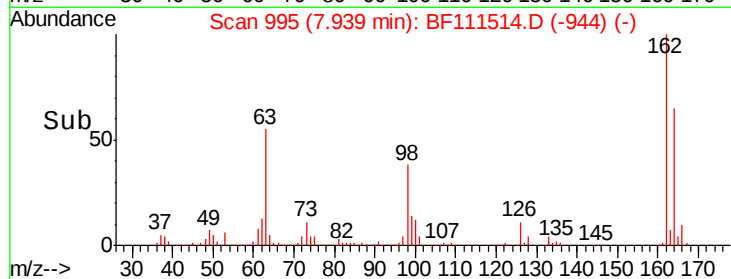
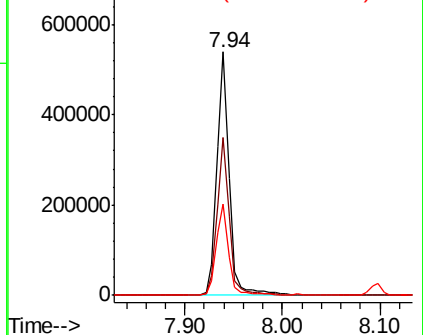
#29
2,4-Dichlorophenol
Concen: 38.652 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.4	84.4
98	37.6	20.3	60.3

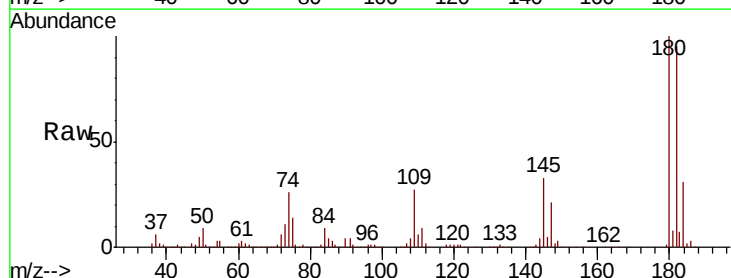


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

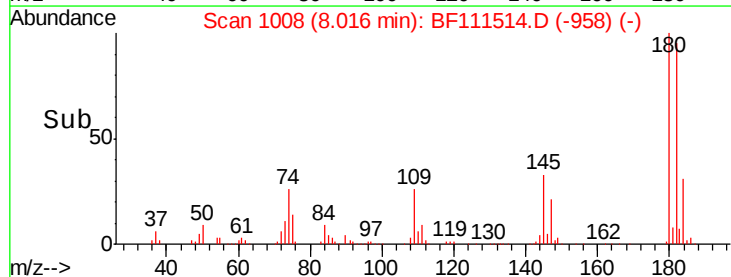
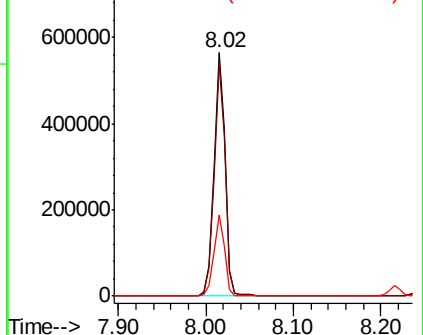


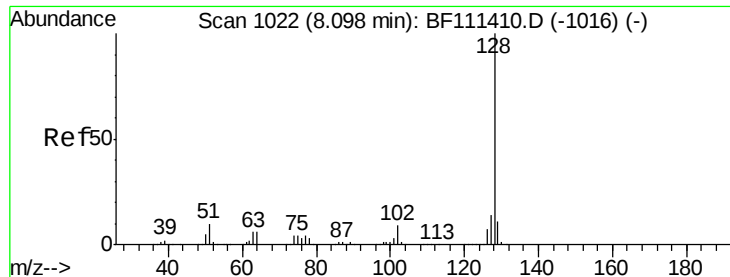
#30
1,2,4-Trichlorobenzene
Concen: 38.703 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.6	113.4
145	33.4	26.7	40.1



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

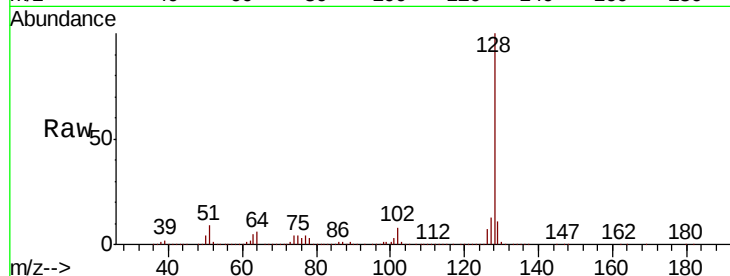




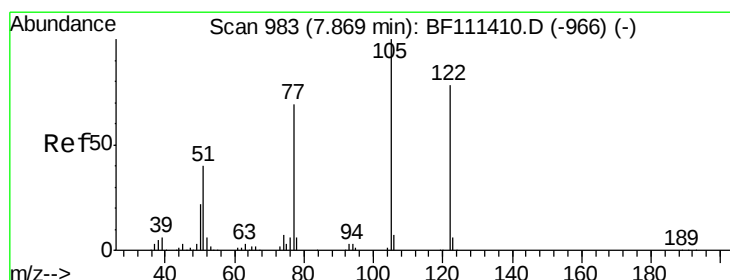
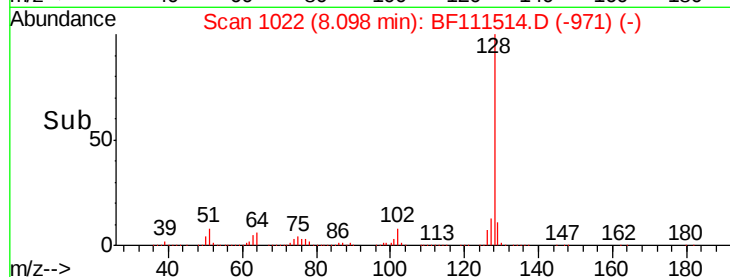
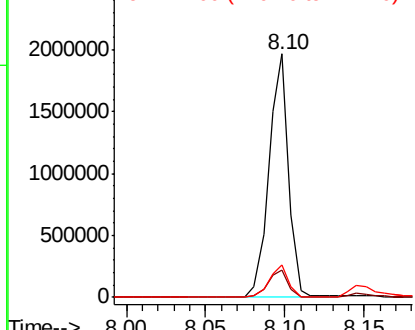
#31
Naphthalene
Concen: 40.820 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion:128 Resp: 1711549
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.8
127 13.3 12.0 18.0

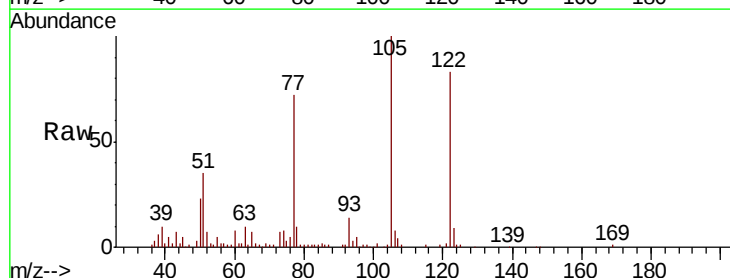


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

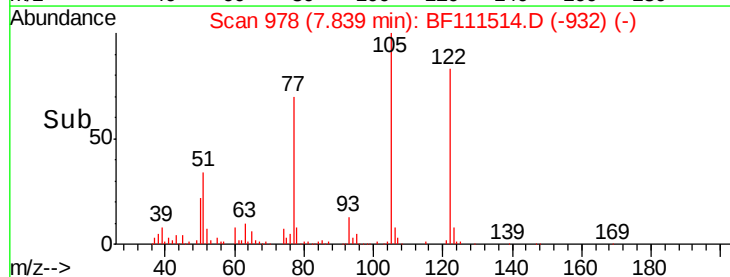
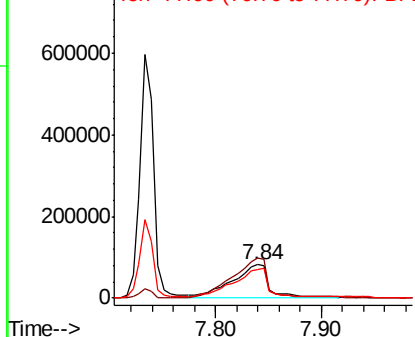


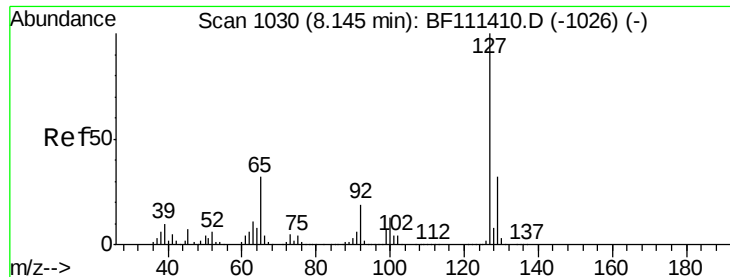
#32
Benzoic acid
Concen: 19.290 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion:122 Resp: 192459
Ion Ratio Lower Upper
122 100
105 119.8 97.0 137.0
77 86.5 65.7 105.7



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

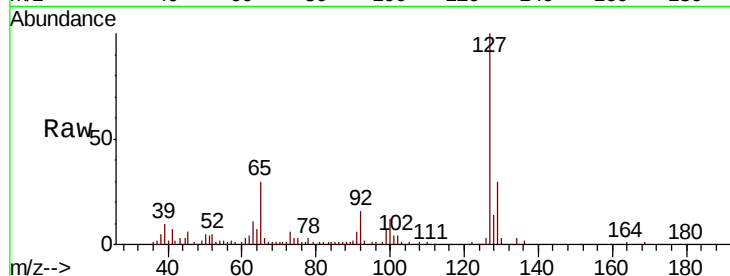




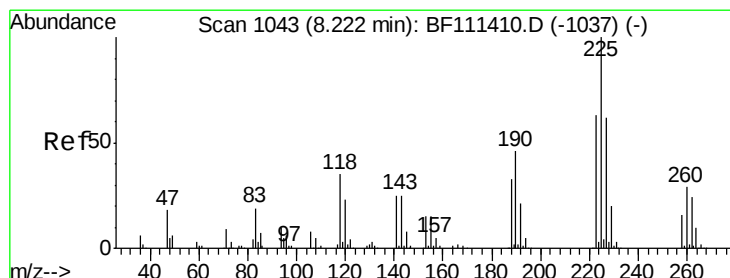
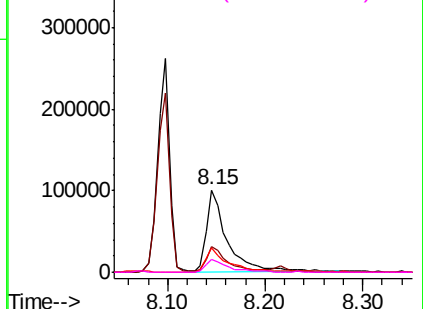
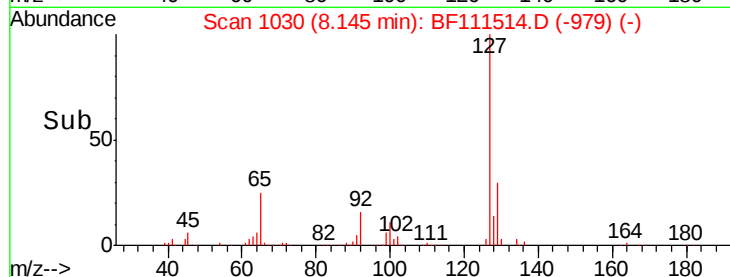
#33
4-Chloroaniline
Concen: 7.943 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion:	127	Resp:	148102
Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.6	39.8
65	29.9	25.7	38.5
92	15.9	15.4	23.2

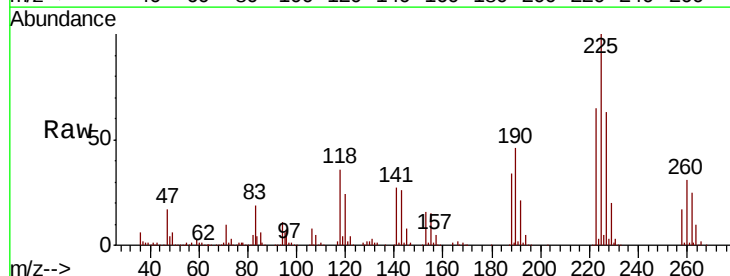


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

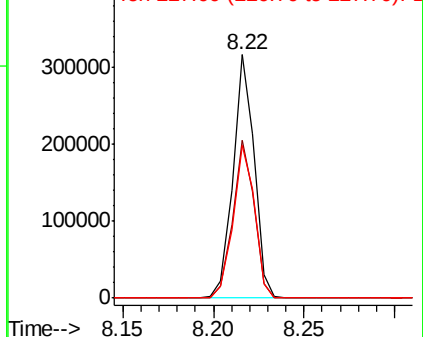
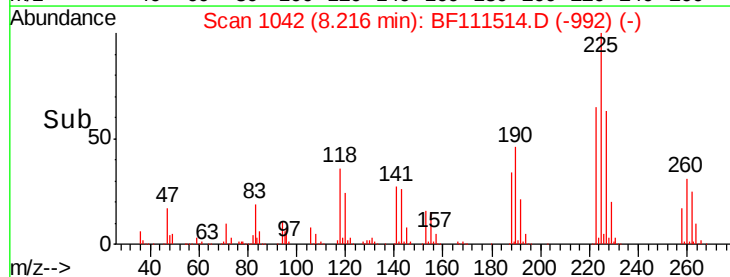


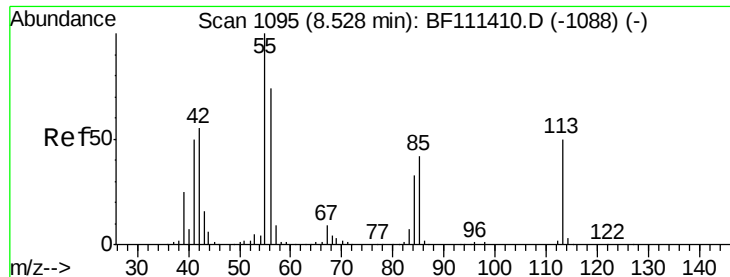
#34
Hexachlorobutadiene
Concen: 36.163 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion:	225	Resp:	257058
Ion	Ratio	Lower	Upper
225	100		
223	64.9	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

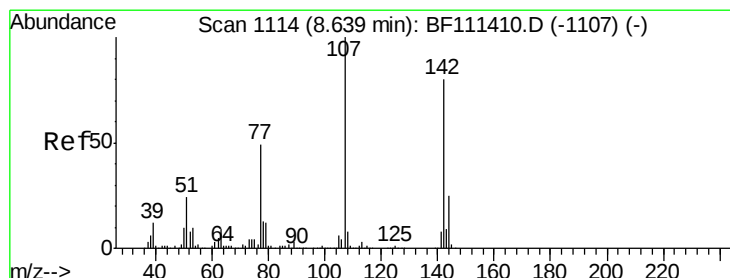
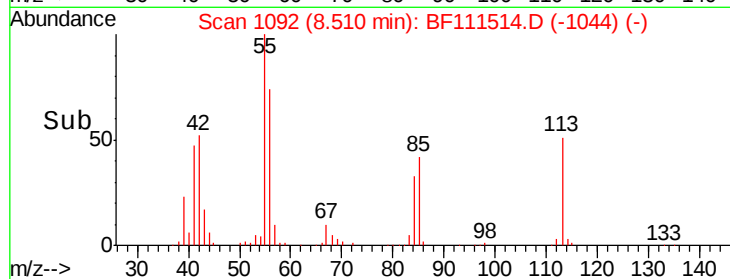
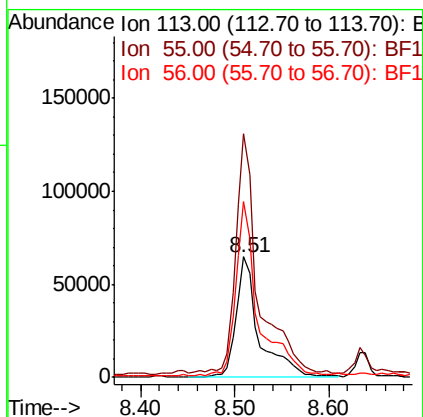
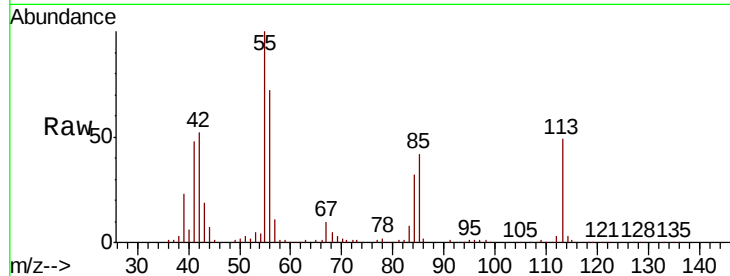




#35
 Caprolactam
 Concen: 24.235 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.02 min
 Lab File: BF111514.D
 Acq: 16 Dec 2018 17:53

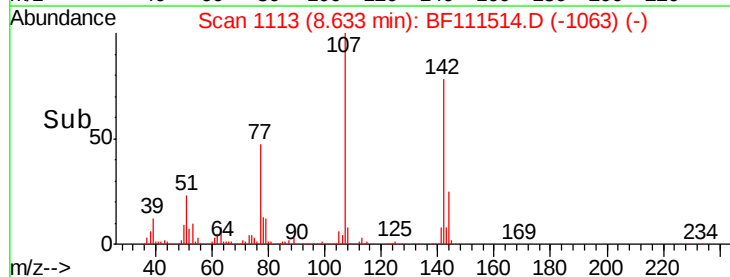
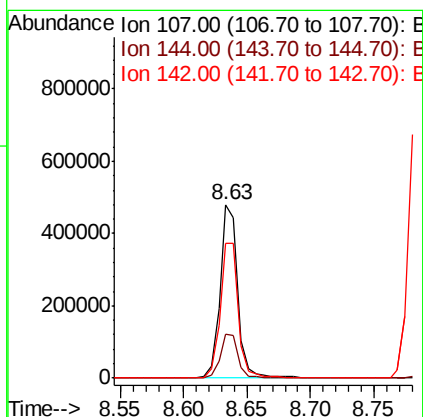
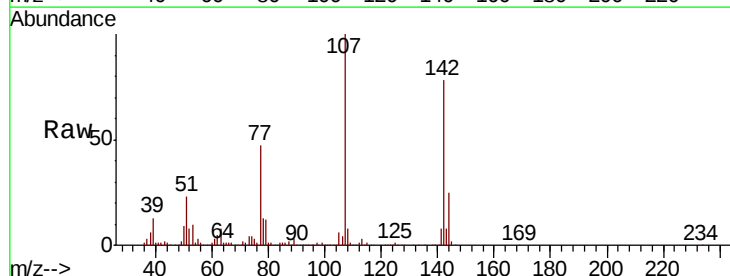
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MSD

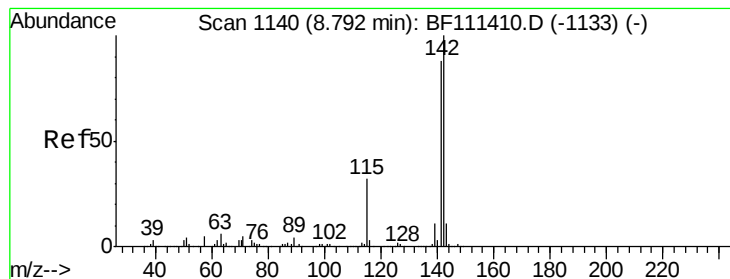
Tgt Ion:113 Resp: 110900
 Ion Ratio Lower Upper
 113 100
 55 202.0 184.1 224.1
 56 146.2 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 34.642 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF111514.D
 Acq: 16 Dec 2018 17:53

Tgt Ion:107 Resp: 469969
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.8 29.6
 142 78.1 62.3 93.5





#37

2-Methylnaphthalene

Concen: 39.124 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

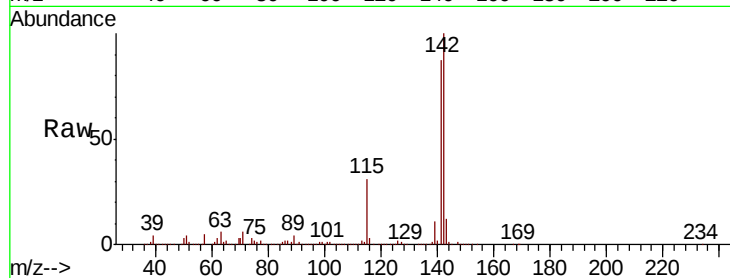
Tgt Ion:142 Resp: 1110051

Ion Ratio Lower Upper

142 100

141 87.4 70.6 105.8

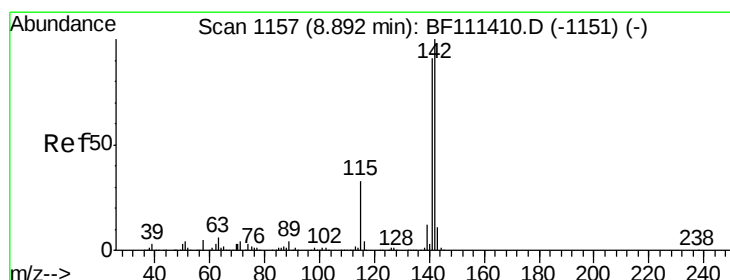
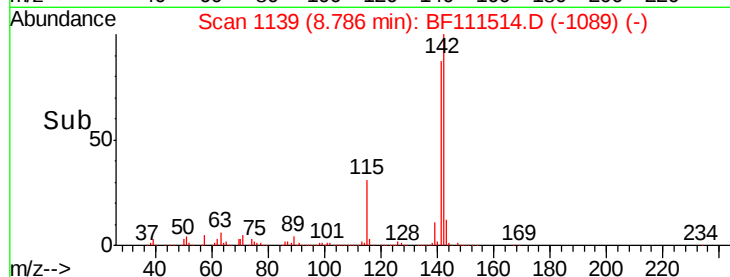
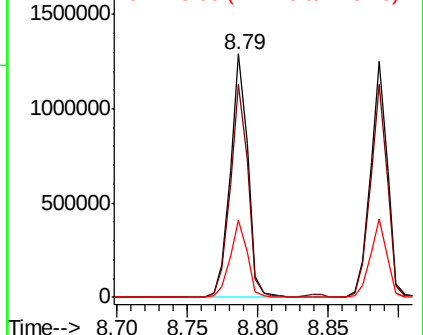
115 31.5 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.796 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

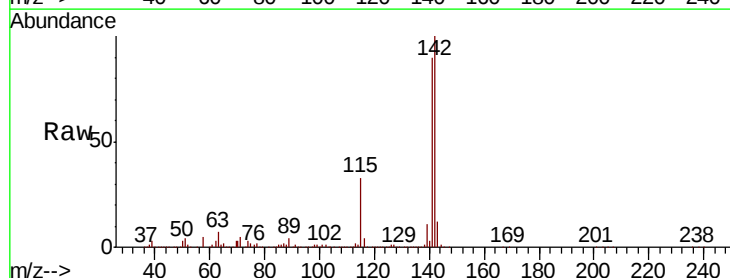
Tgt Ion:142 Resp: 1035980

Ion Ratio Lower Upper

142 100

141 90.1 74.2 111.4

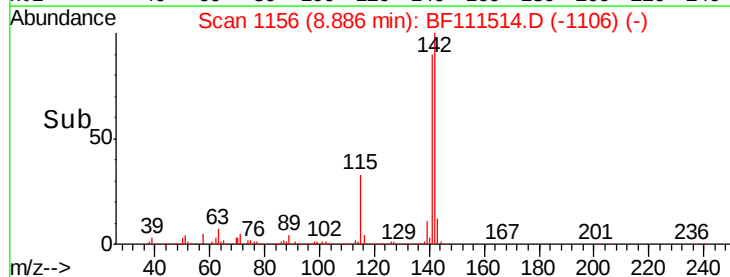
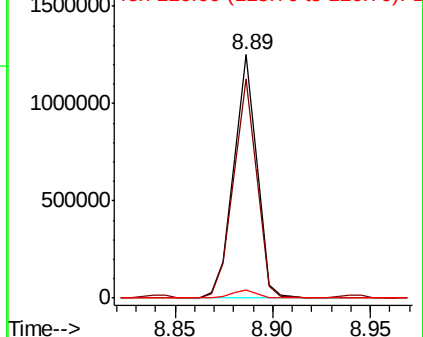
116 3.6 2.9 4.3

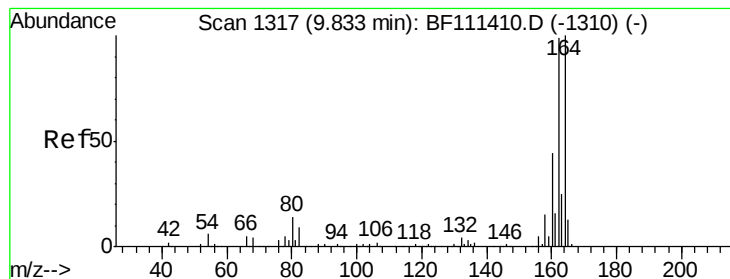


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

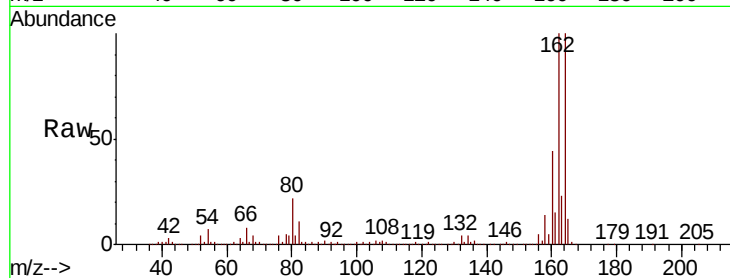
Tgt Ion:164 Resp: 350172

Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

160 43.8 35.7 53.5

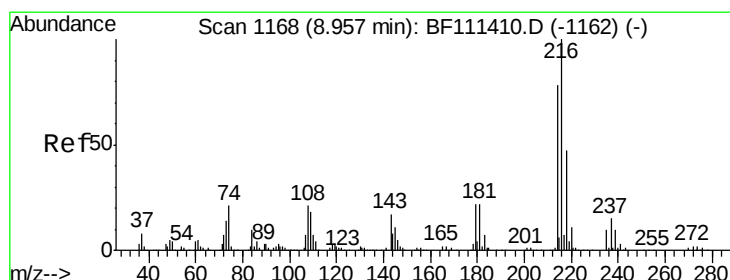
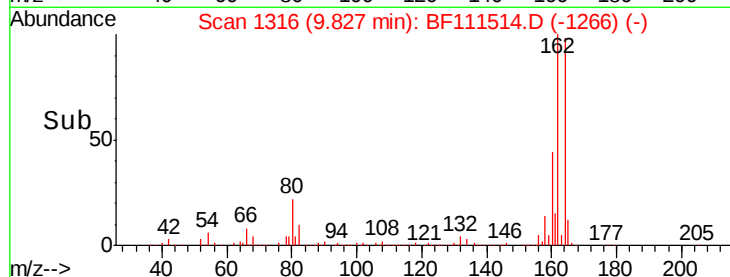
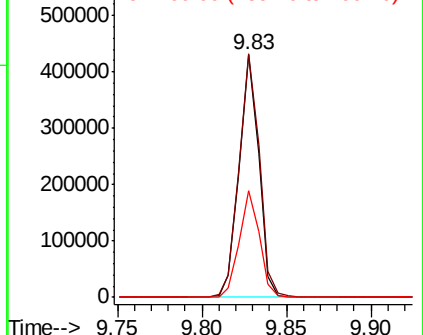


Abundance

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: 45.524 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Tgt Ion:216 Resp: 437174

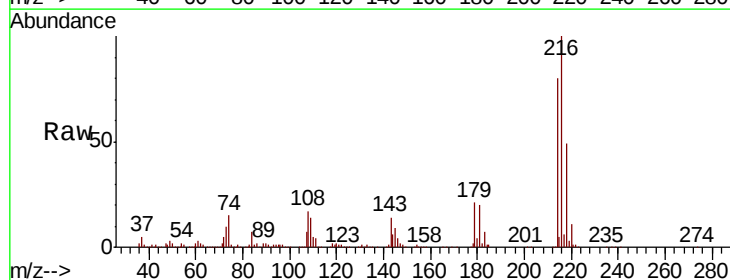
Ion Ratio Lower Upper

216 100

214 80.6 63.8 95.8

179 21.6 17.9 26.9

108 19.6 18.4 27.6



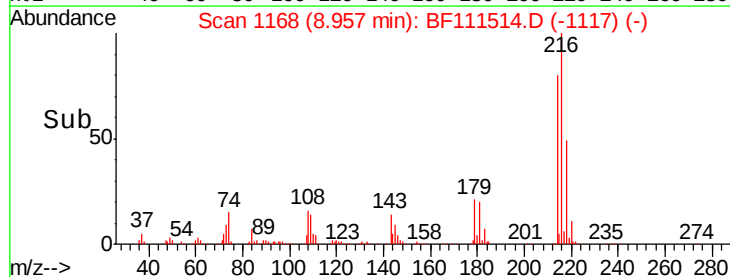
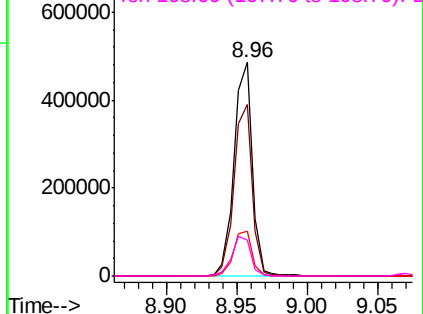
Abundance

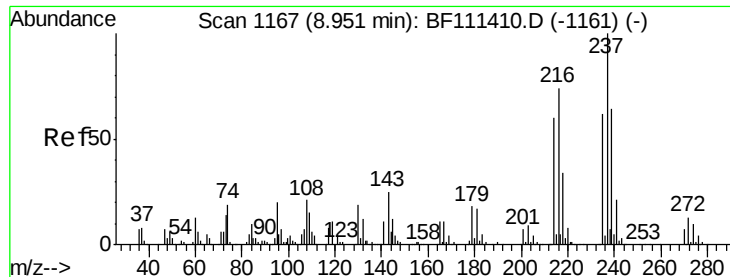
Ion 216.00 (215.70 to 216.70): E

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: 19.280 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

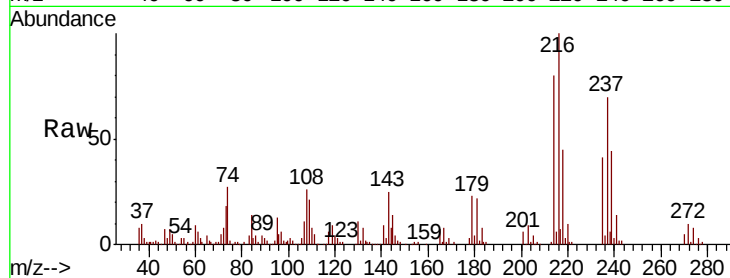
Tgt Ion: 237 Resp: 95059

Ion Ratio Lower Upper

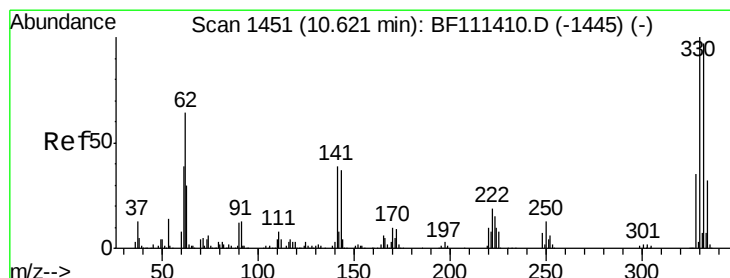
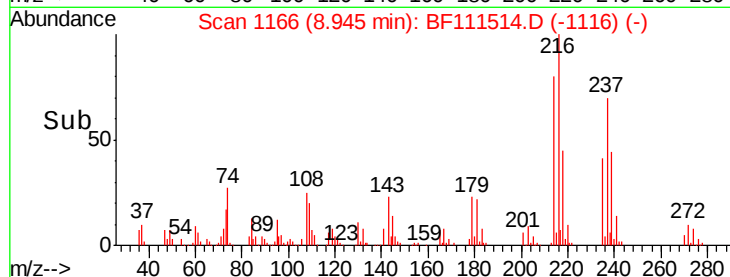
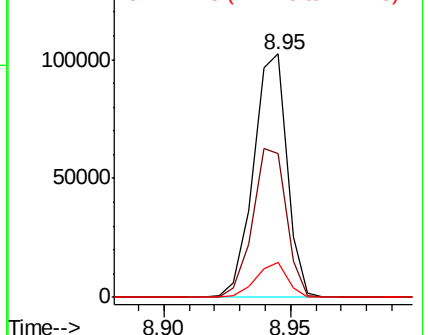
237 100

235 58.9 43.1 83.1

272 14.4 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: 82.932 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

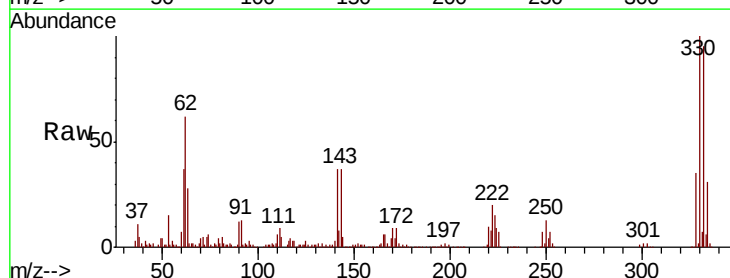
Tgt Ion: 330 Resp: 260141

Ion Ratio Lower Upper

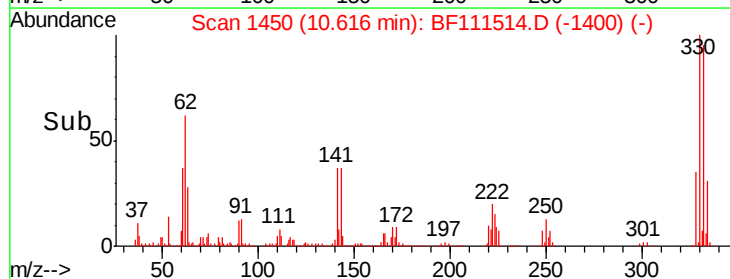
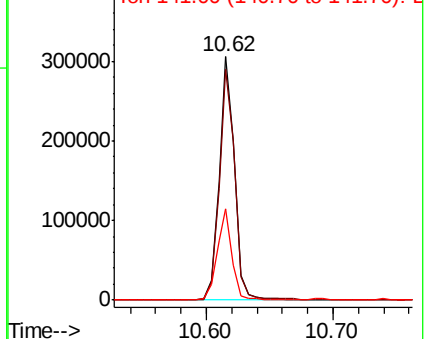
330 100

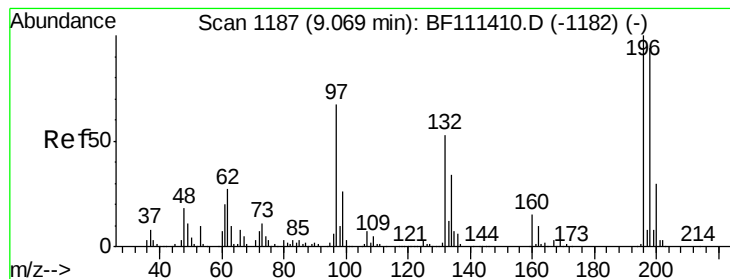
332 96.0 76.0 114.0

141 36.1 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: 40.471 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

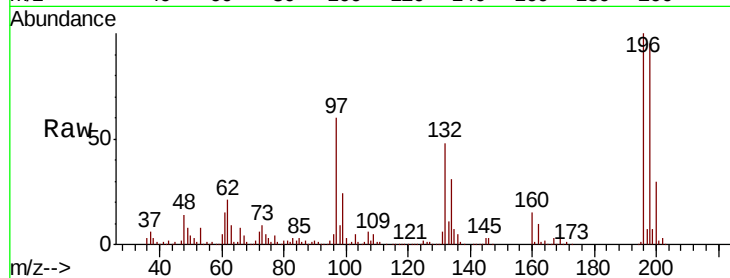
Tgt Ion:196 Resp: 275070

Ion Ratio Lower Upper

196 100

198 94.9 76.3 114.5

200 30.0 24.9 37.3

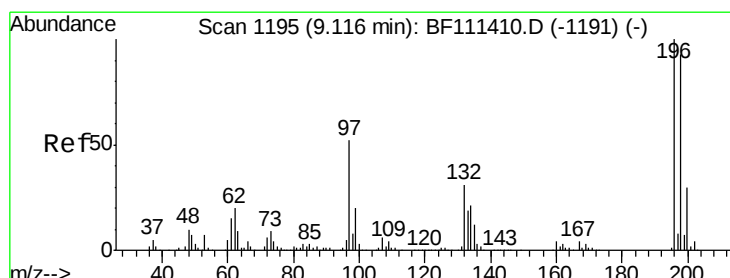
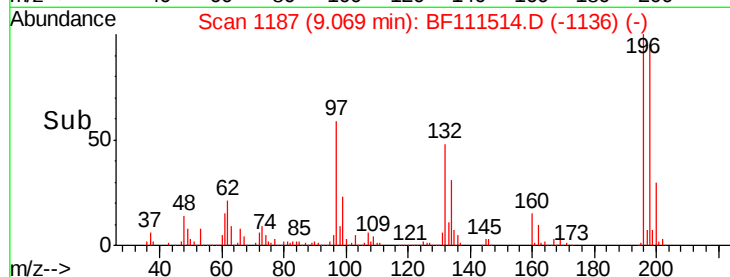
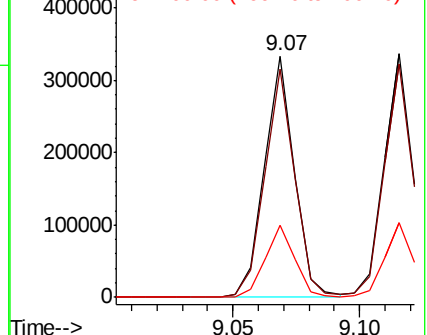


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 38.299 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Tgt Ion:196 Resp: 277000

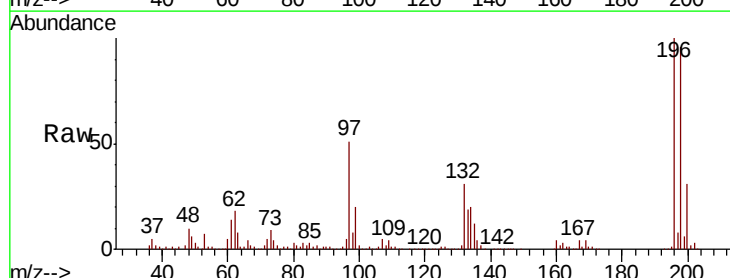
Ion Ratio Lower Upper

196 100

198 95.6 72.9 109.3

97 51.3 45.3 67.9

132 31.0 25.5 38.3



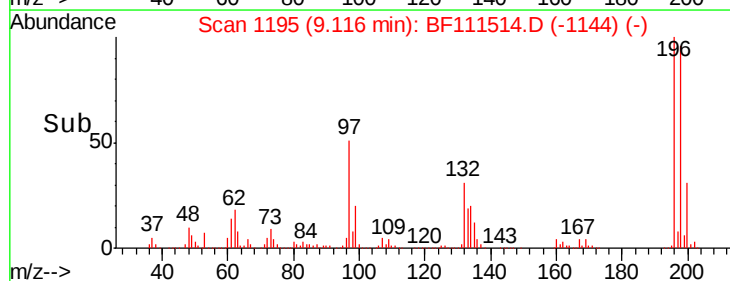
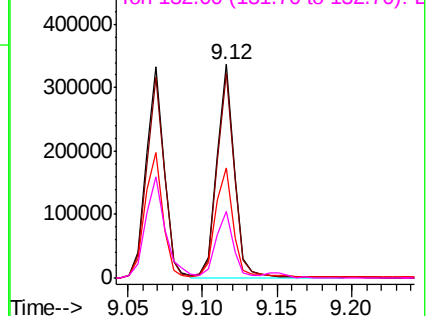
Abundance

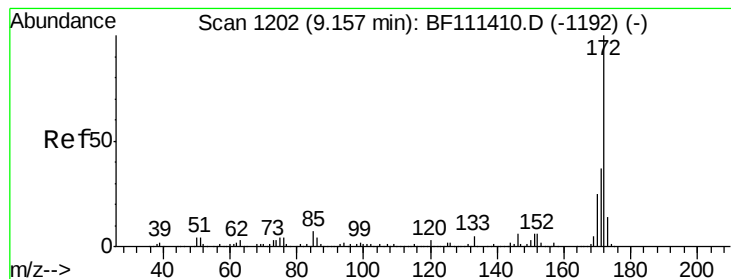
Ion 196.00 (195.70 to 196.70): E

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: 76.757 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

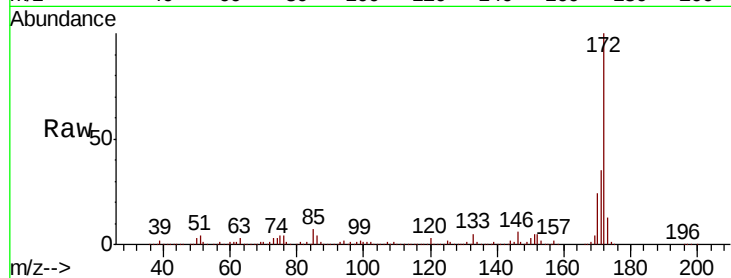
Tgt Ion:172 Resp: 1740094

Ion Ratio Lower Upper

172 100

171 35.5 33.0 49.4

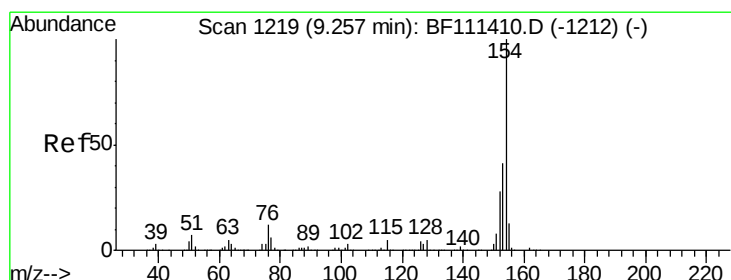
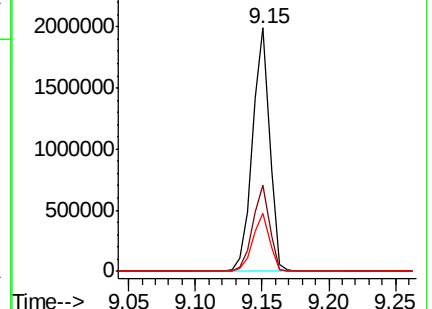
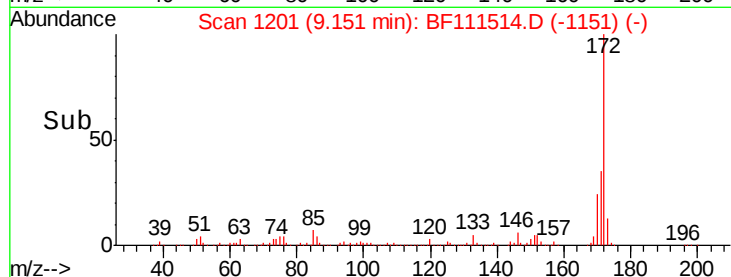
170 23.6 22.3 33.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.476 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

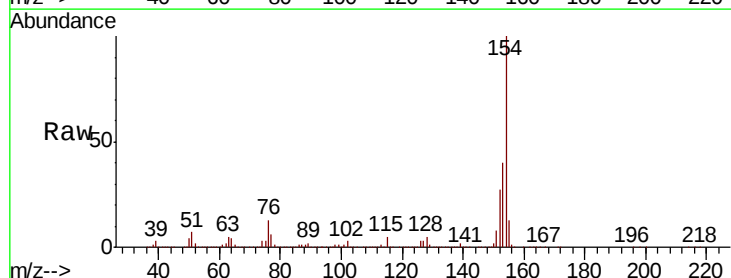
Tgt Ion:154 Resp: 1260299

Ion Ratio Lower Upper

154 100

153 40.0 23.7 63.7

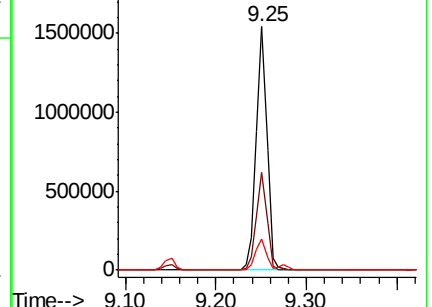
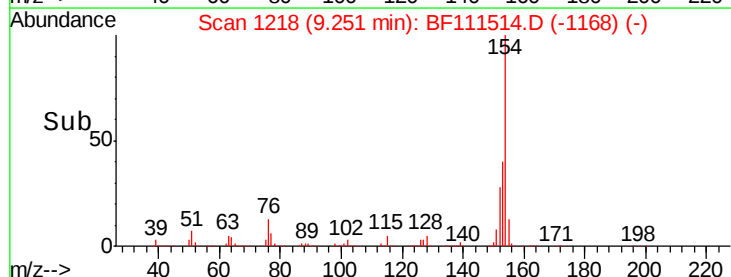
76 12.9 0.0 35.0

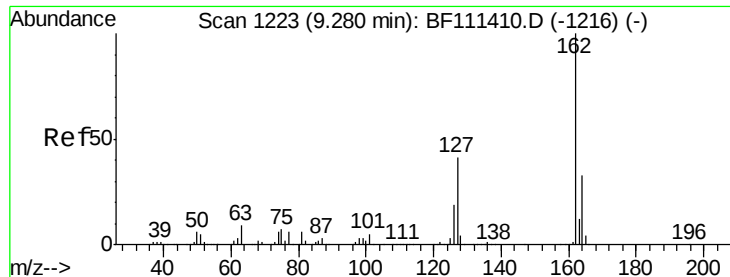


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

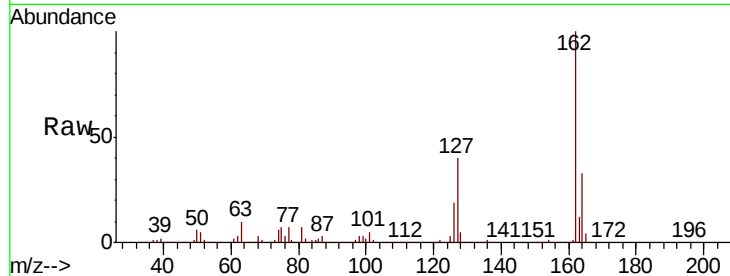




#47
2-Chloronaphthalene
Concen: 42.096 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	35.0	52.4
164	32.9	28.4	42.6

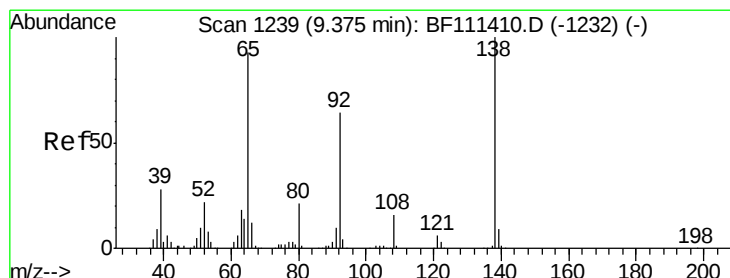
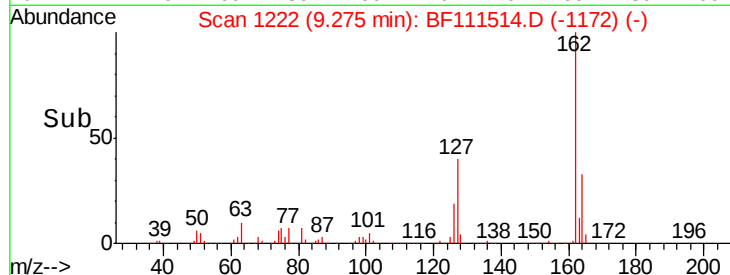
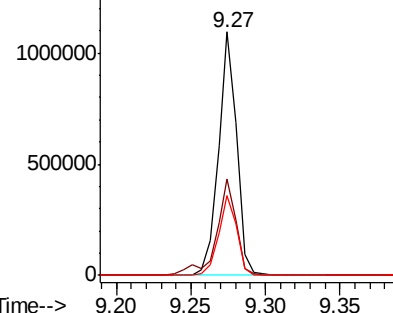


Abundance

Ion 162.00 (161.70 to 162.70): E

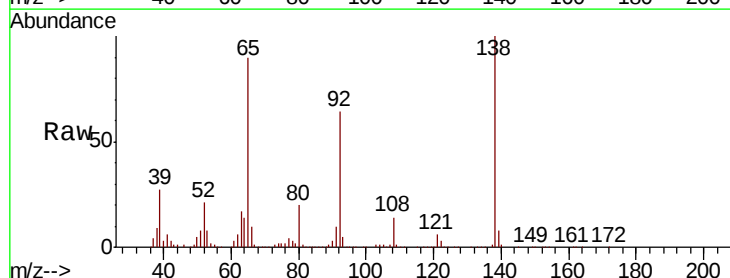
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.990 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	53.5	80.3
138	110.7	80.9	121.3

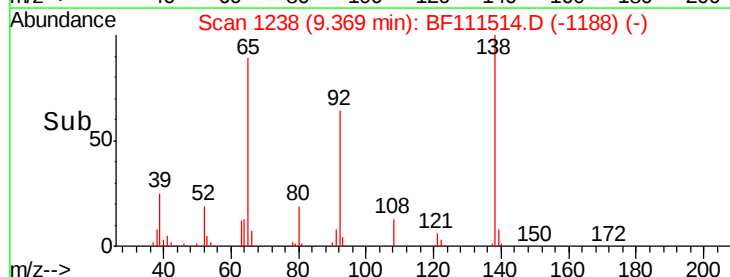
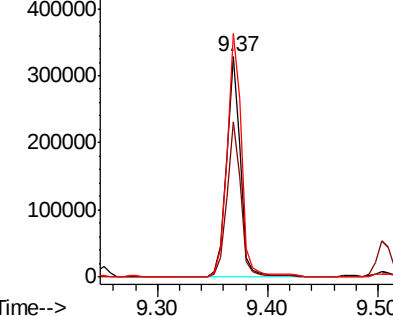


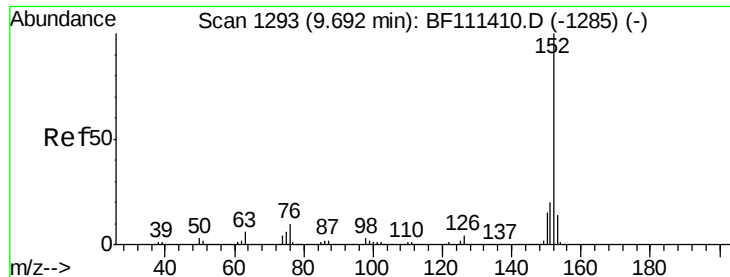
Abundance

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: 41.953 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

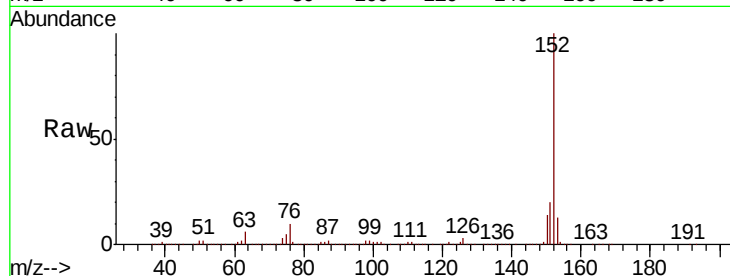
Tgt Ion:152 Resp: 1404467

Ion Ratio Lower Upper

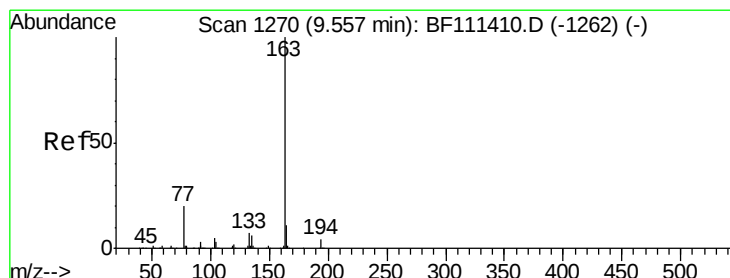
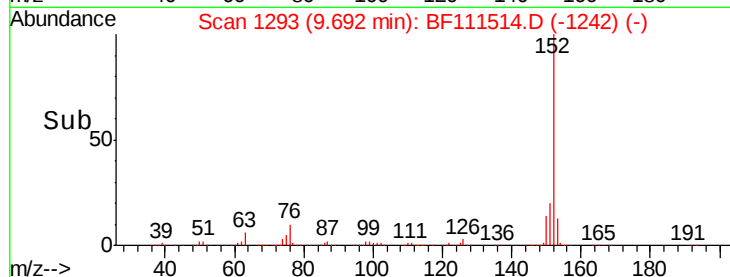
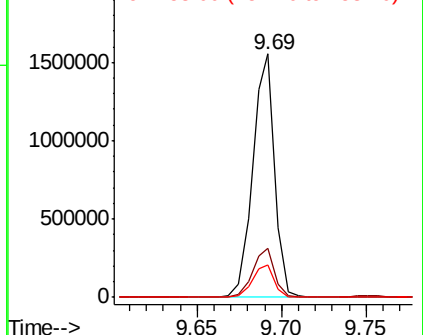
152 100

151 20.1 18.0 27.0

153 13.2 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.834 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

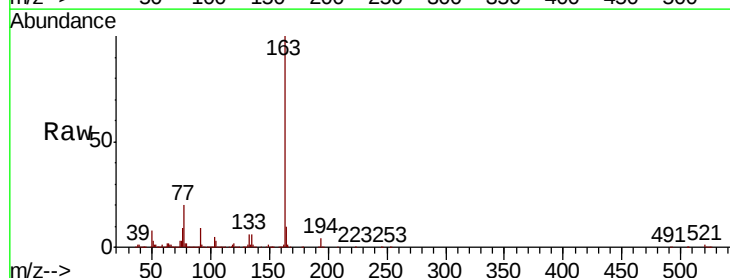
Tgt Ion:163 Resp: 1155870

Ion Ratio Lower Upper

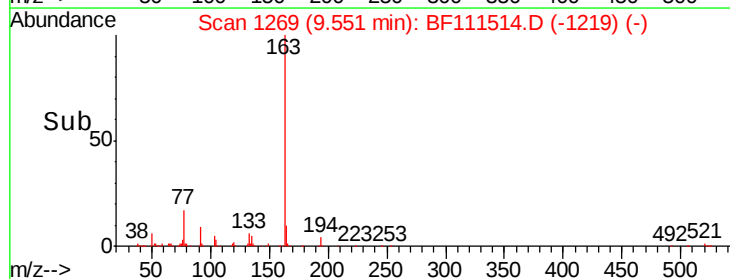
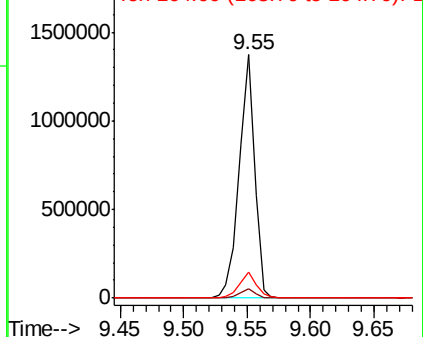
163 100

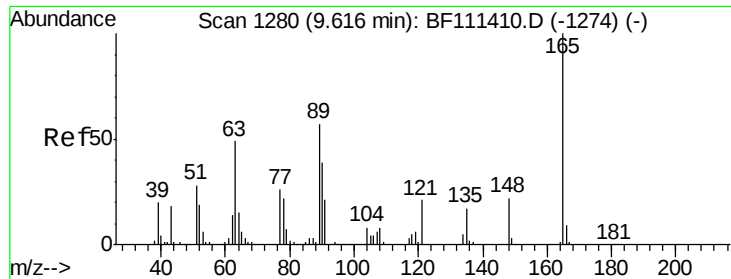
194 3.7 3.0 4.6

164 10.4 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

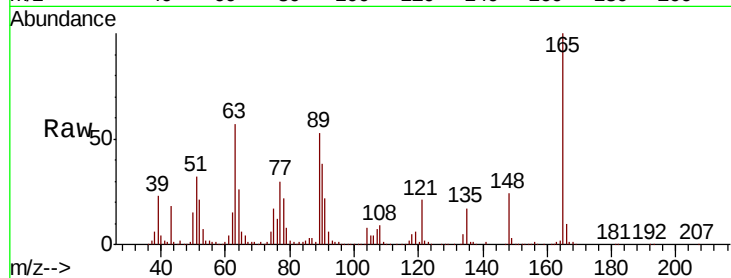




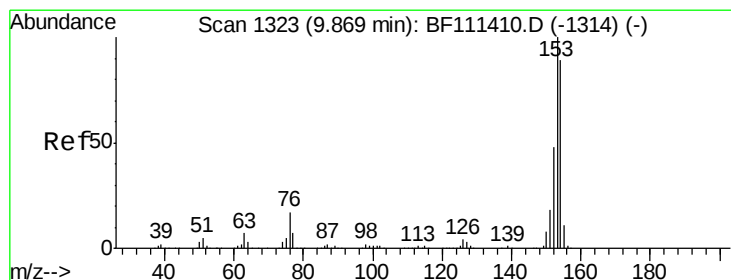
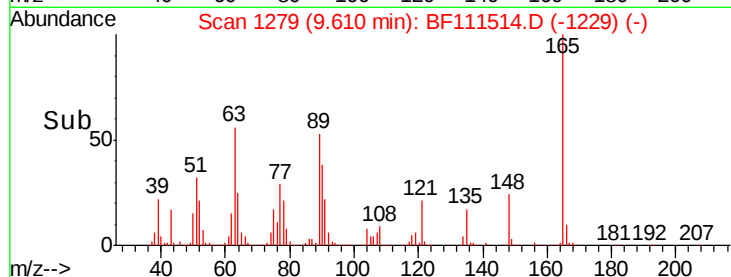
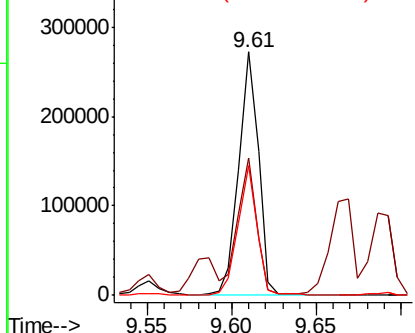
#51
2,6-Dinitrotoluene
Concen: 39.077 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion:165 Resp: 221821
Ion Ratio Lower Upper
165 100
63 56.7 40.5 60.7
89 53.4 40.0 60.0

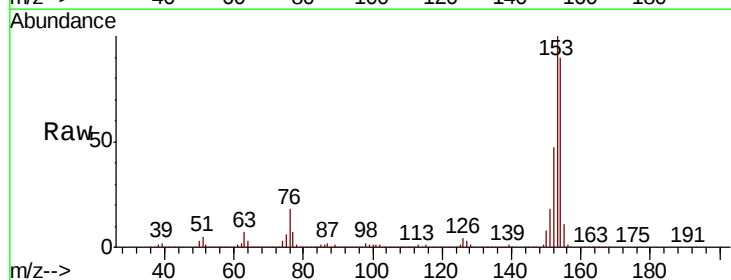


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

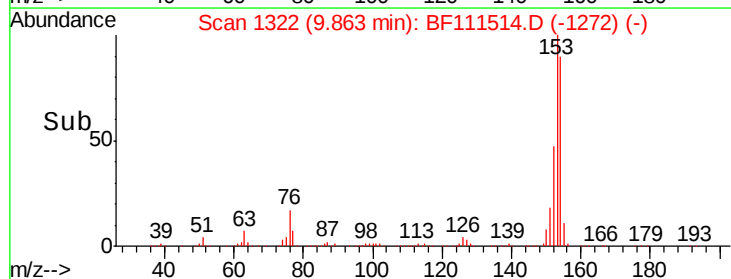
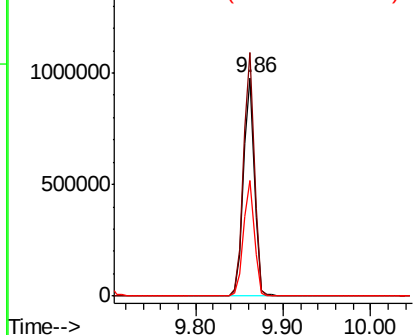


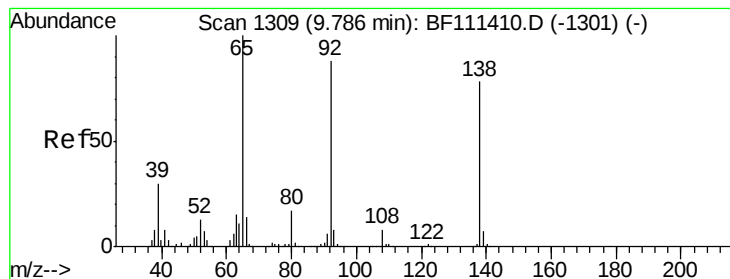
#52
Acenaphthene
Concen: 38.273 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion:154 Resp: 809809
Ion Ratio Lower Upper
154 100
153 111.5 87.8 131.8
152 53.0 43.4 65.2



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





#53

3-Nitroaniline

Concen: 21.602 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

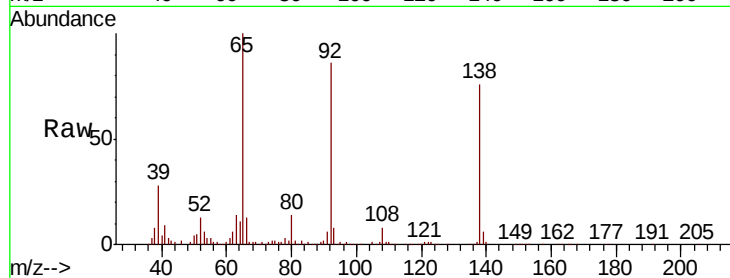
Tgt Ion:138 Resp: 148940

Ion Ratio Lower Upper

138 100

108 10.2 8.2 12.4

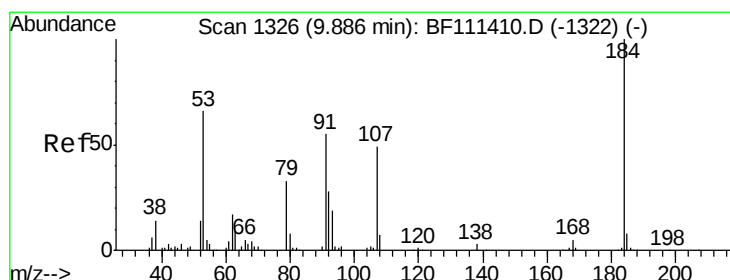
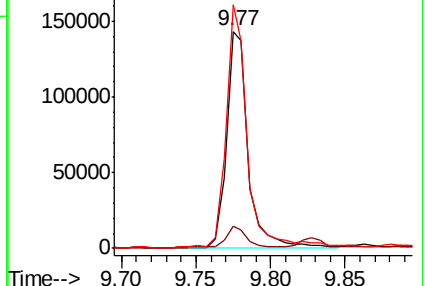
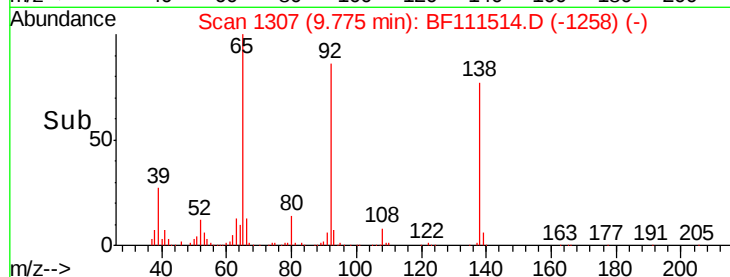
92 112.0 93.4 140.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 3.140 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

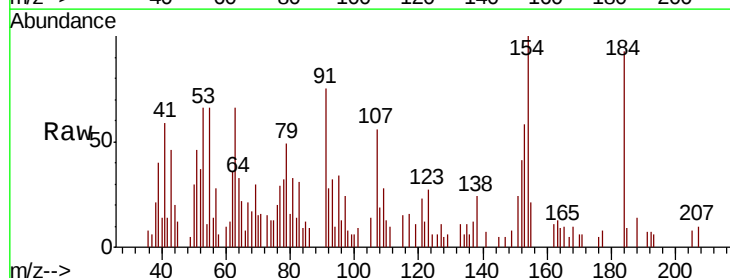
Tgt Ion:184 Resp: 6782

Ion Ratio Lower Upper

184 100

63 71.4 62.3 93.5

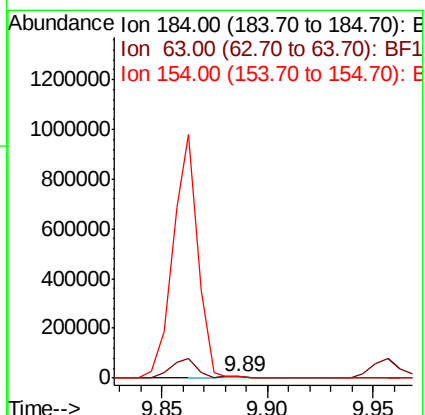
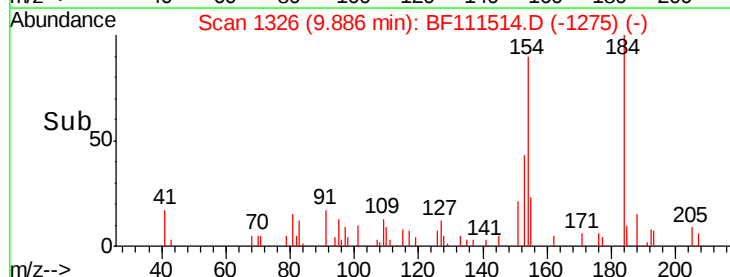
154 108.0 56.2 84.2#

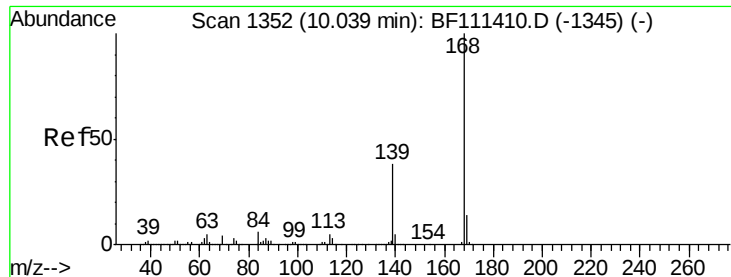


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.943 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

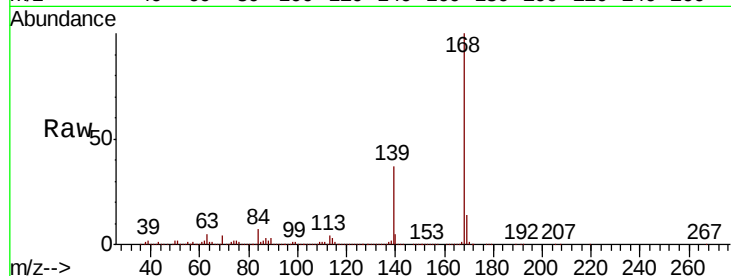
Tgt Ion:168 Resp: 1196047

Ion Ratio Lower Upper

168 100

139 36.7 32.6 49.0

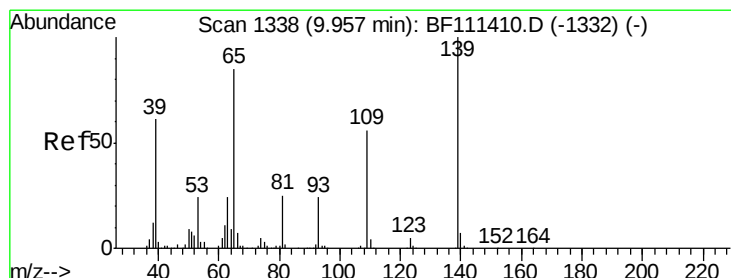
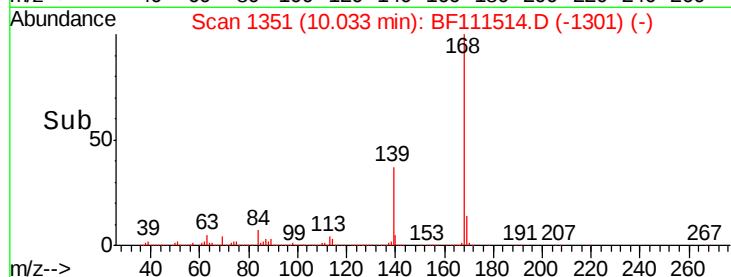
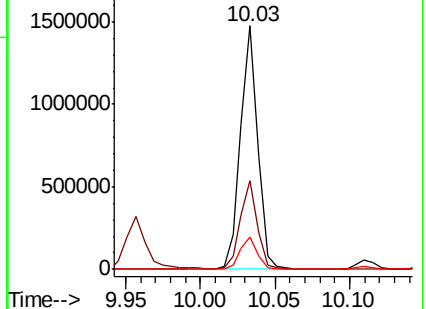
169 13.5 11.8 17.6



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: 62.409 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

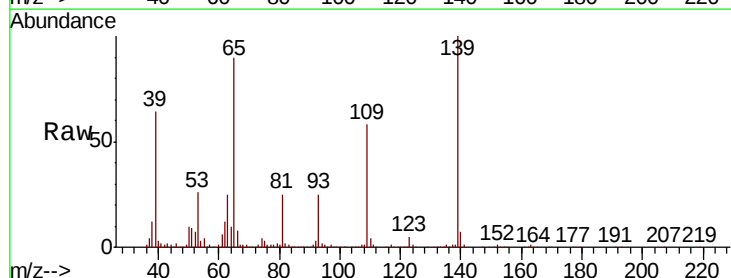
Tgt Ion:139 Resp: 297787

Ion Ratio Lower Upper

139 100

109 57.7 41.8 81.8

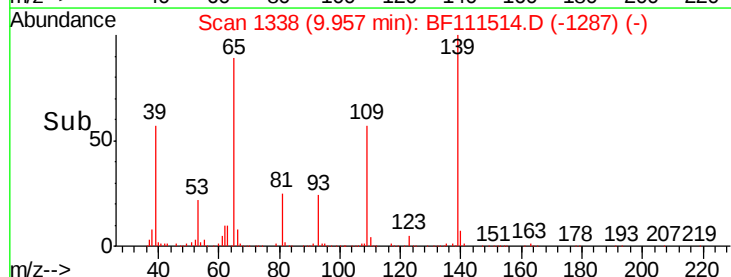
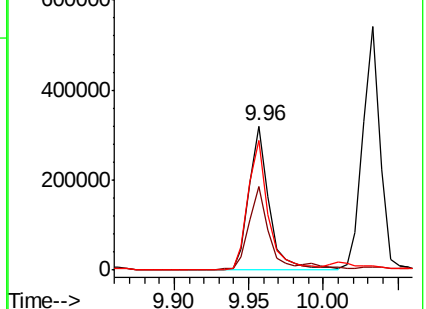
65 90.1 79.6 119.6

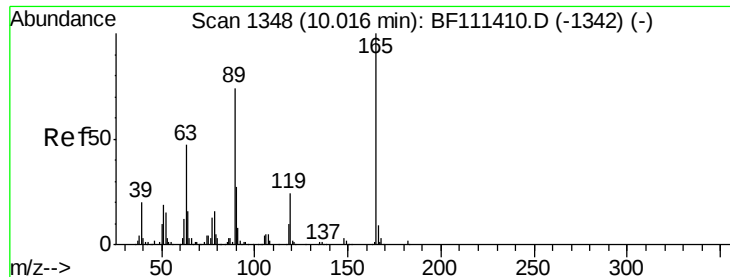


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

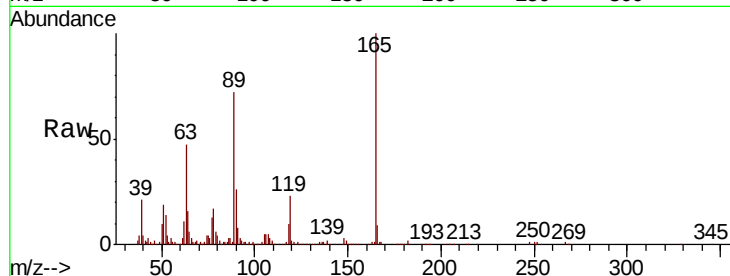




#57
2,4-Dinitrotoluene
Concen: 35.766 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.6	34.6	52.0
89	72.2	56.2	84.4
182	2.2	1.8	2.6



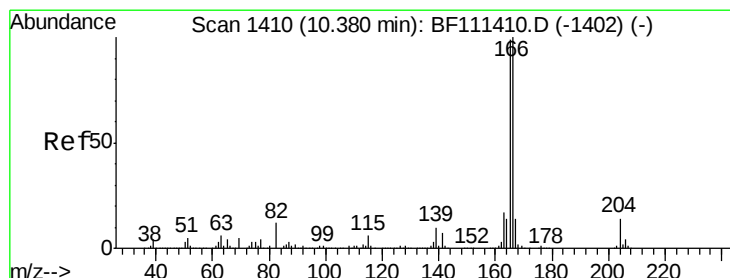
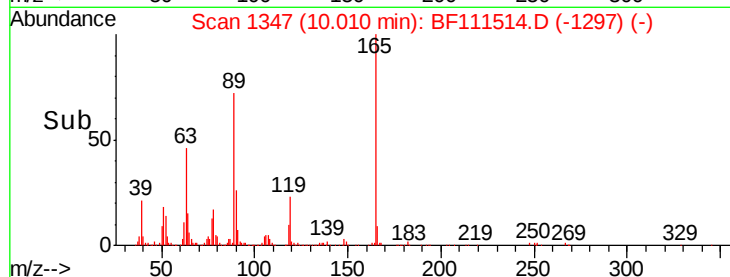
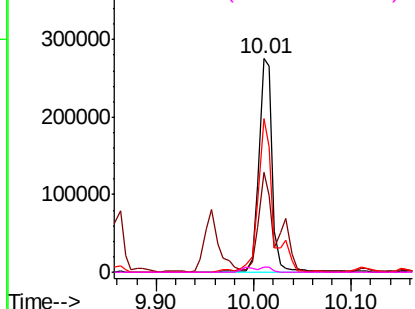
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

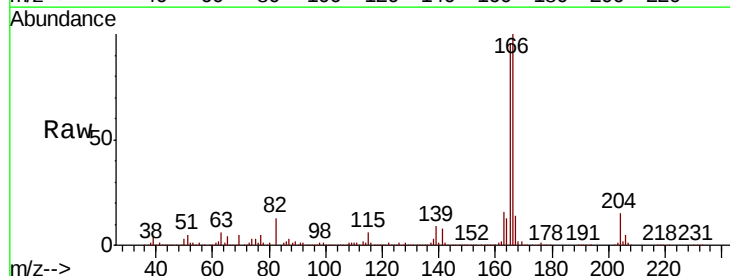
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.998 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.4	117.6
167	13.8	11.2	16.8

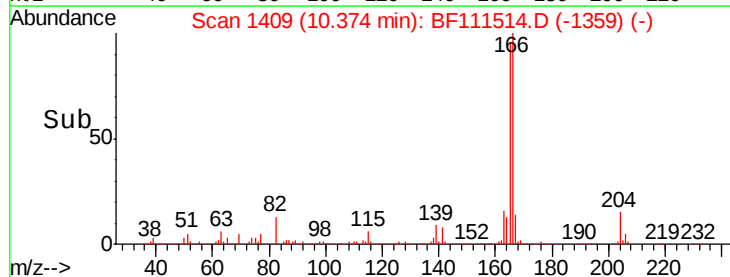
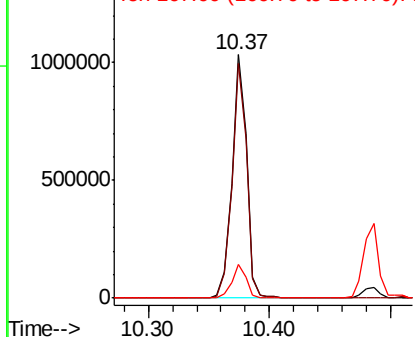


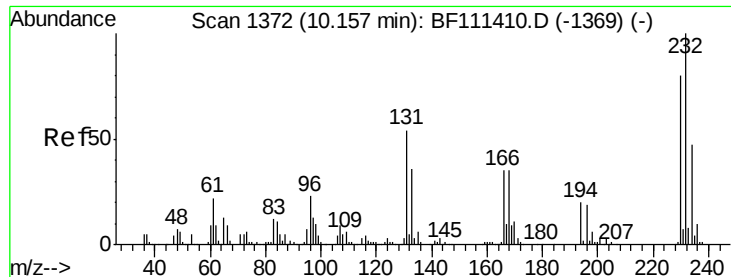
Abundance

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

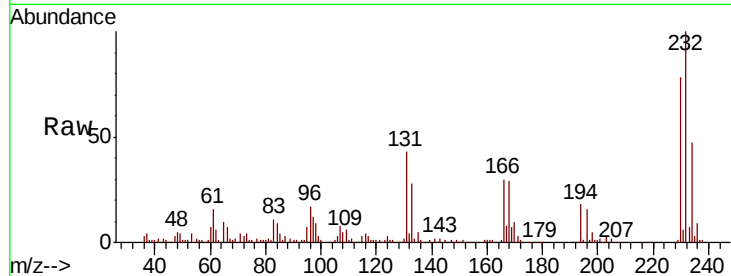




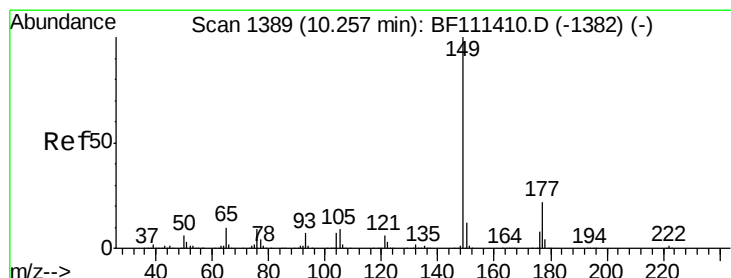
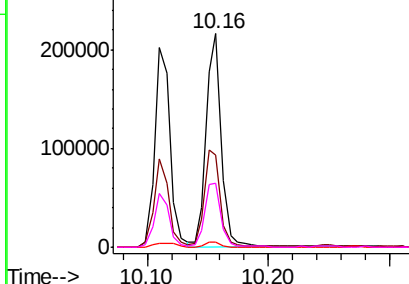
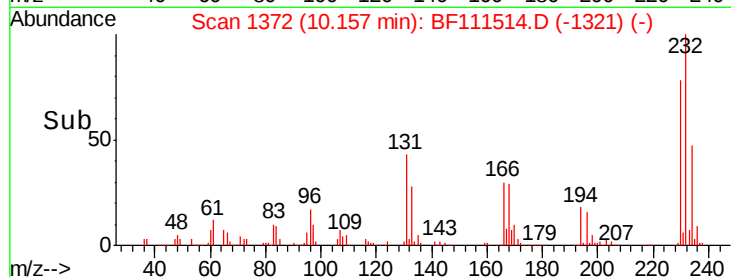
#59
2,3,4,6-Tetrachlorophenol
Concen: 33.404 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion: 232 Resp: 188762
Ion Ratio Lower Upper
232 100
131 47.6 40.9 61.3
130 2.7 2.0 3.0
166 32.1 26.8 40.2

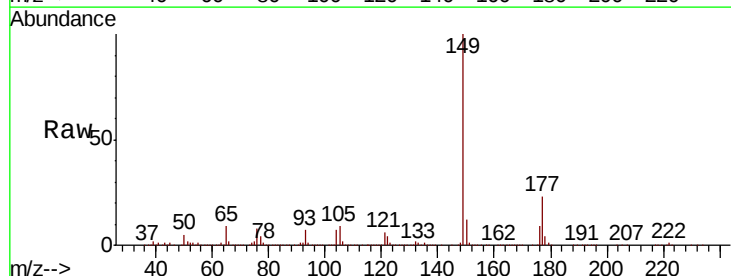


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

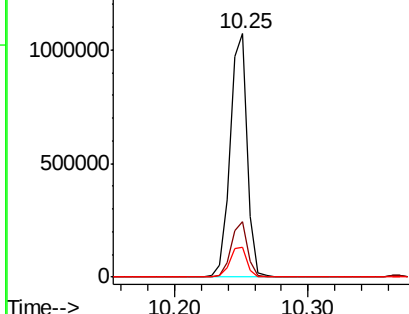
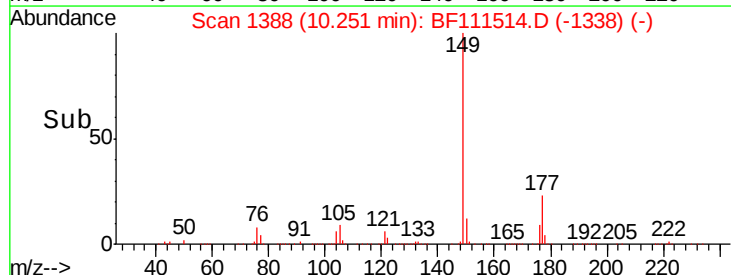


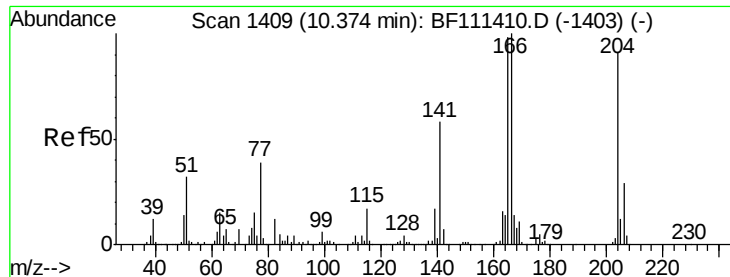
#60
Diethylphthalate
Concen: 37.846 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion: 149 Resp: 966781
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.1 10.6 15.8



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

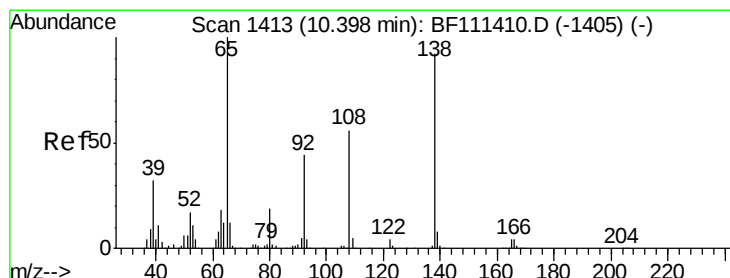
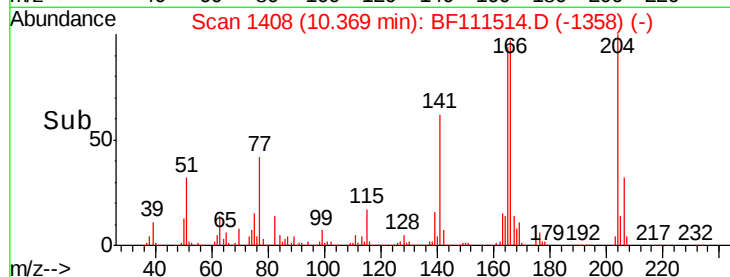
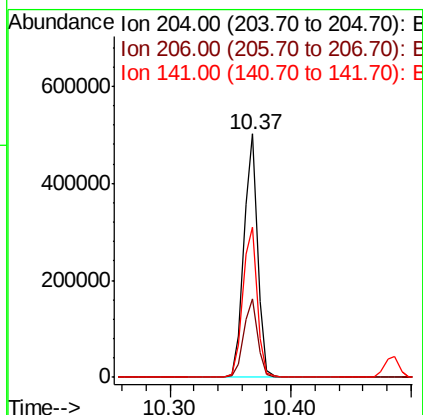
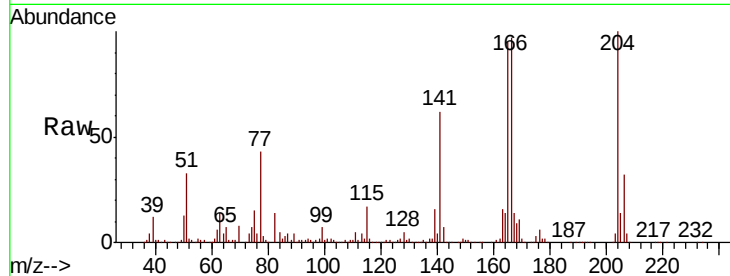




#61
4-Chlorophenyl-phenylether
Concen: 36.815 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

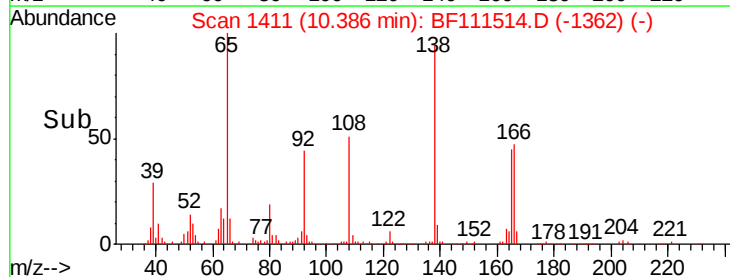
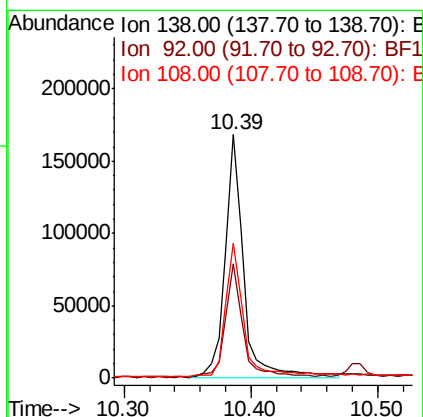
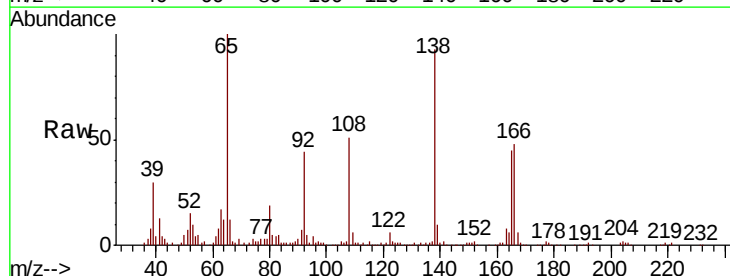
Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

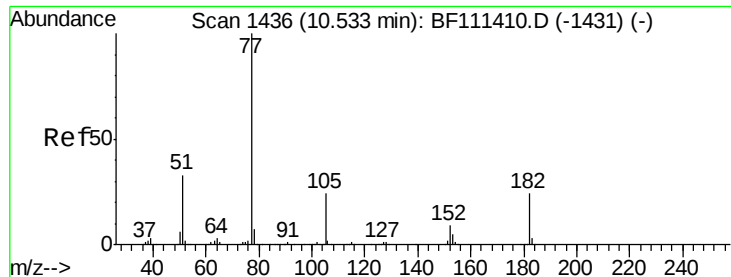
Tgt Ion: 204 Resp: 401256
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 61.6 52.6 78.8



#62
4-Nitroaniline
Concen: 24.700 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion: 138 Resp: 168587
Ion Ratio Lower Upper
138 100
92 47.1 29.9 69.9
108 55.2 43.2 83.2





#63

Azobenzene

Concen: 35.118 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion: 77 Resp: 884416

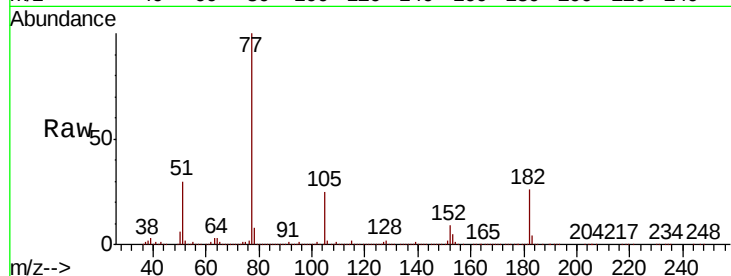
Ion Ratio Lower Upper

77 100

182 25.5 4.9 44.9

105 24.6 6.0 46.0

51 30.3 14.7 54.7

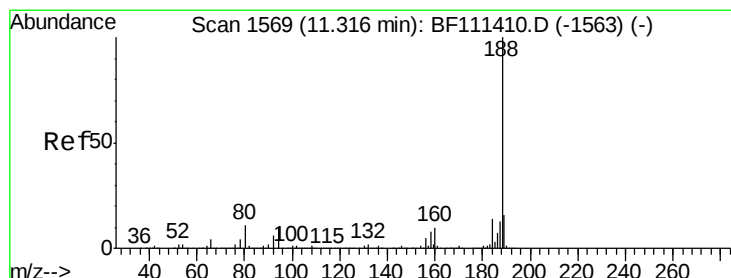
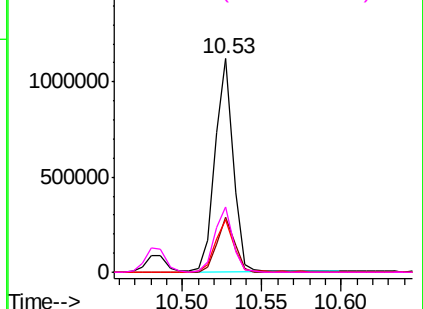
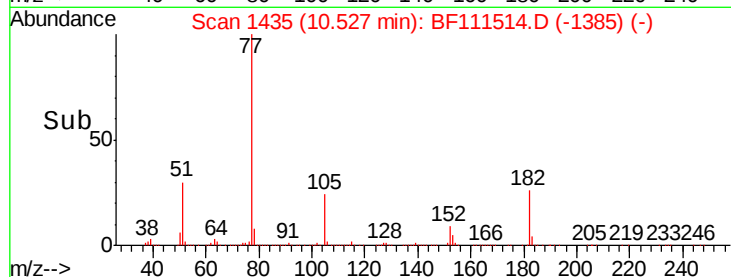


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

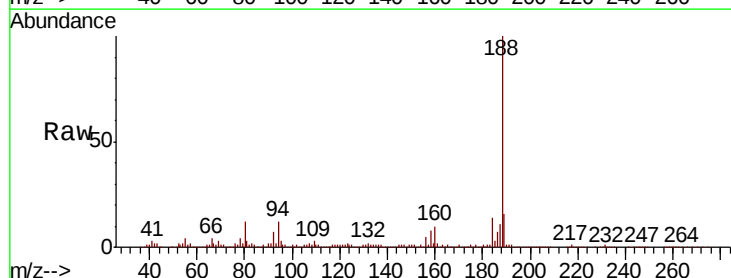
Tgt Ion: 188 Resp: 487594

Ion Ratio Lower Upper

188 100

94 11.9 9.6 14.4

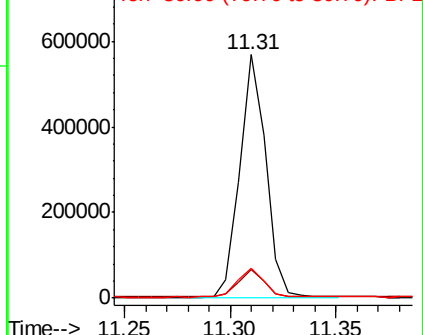
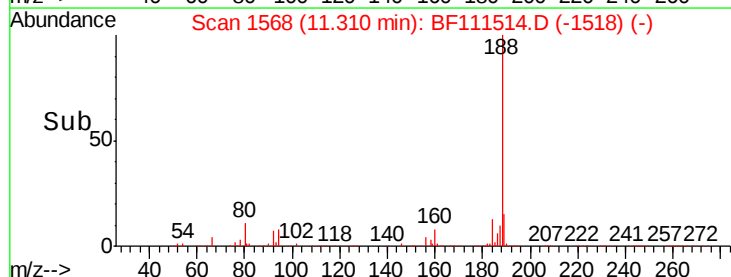
80 12.1 9.8 14.6

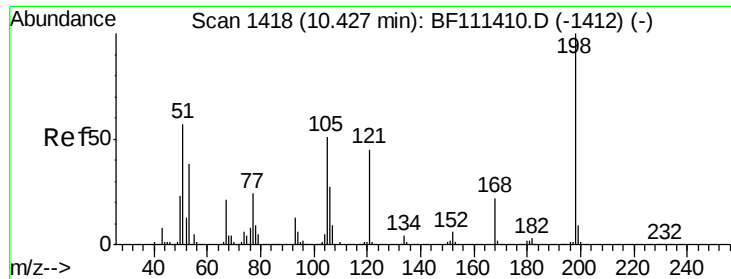


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 3.165 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

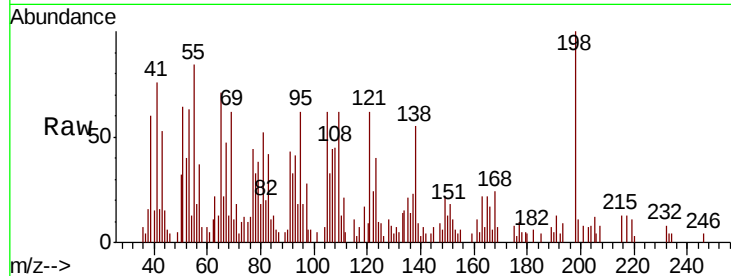
Tgt Ion:198 Resp: 8711

Ion Ratio Lower Upper

198 100

51 64.5 48.0 88.0

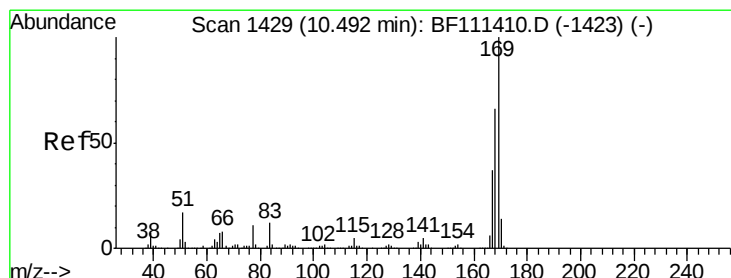
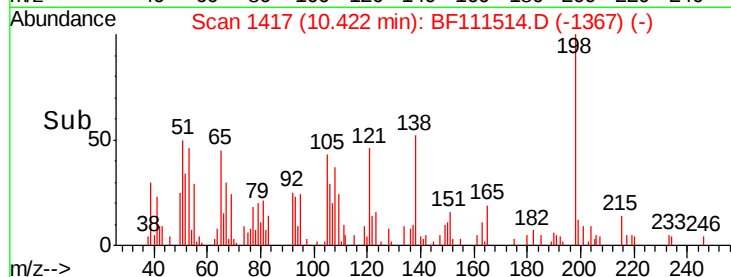
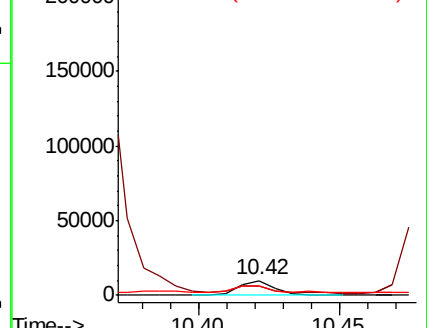
105 61.5 34.0 74.0



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: 44.886 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

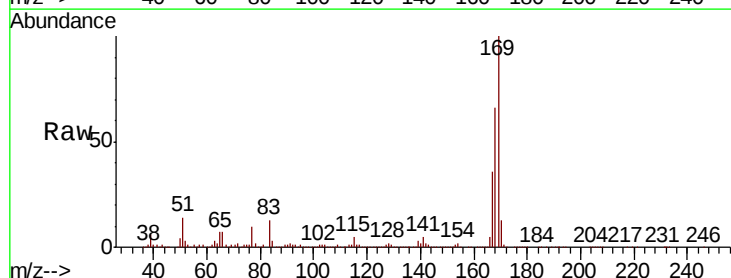
Tgt Ion:169 Resp: 754742

Ion Ratio Lower Upper

169 100

168 65.7 54.4 81.6

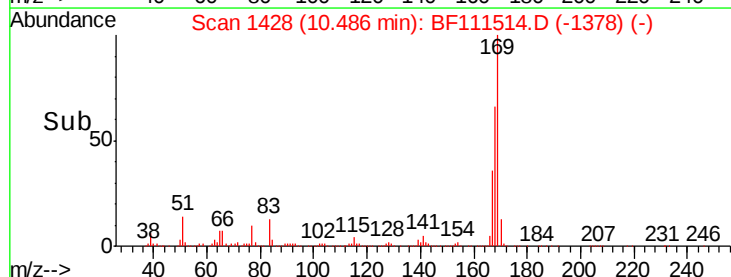
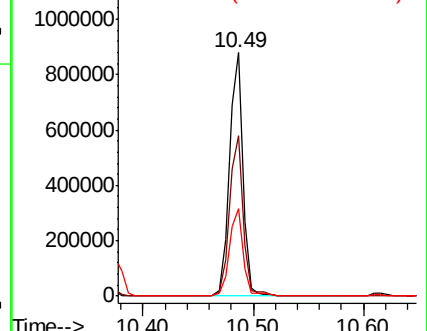
167 35.8 30.5 45.7

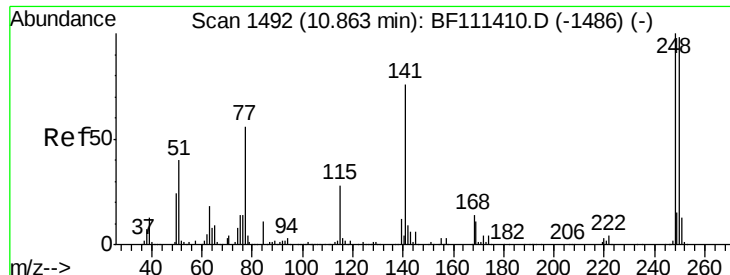


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

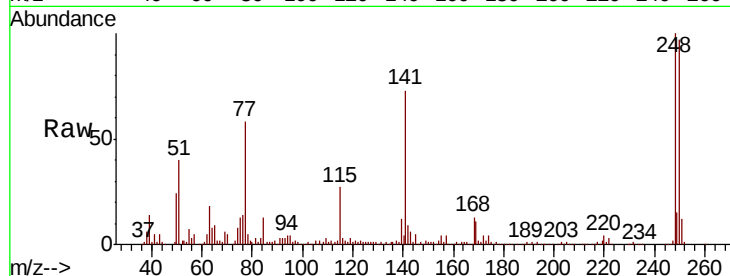




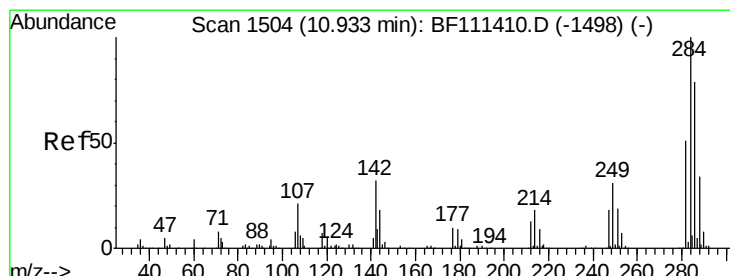
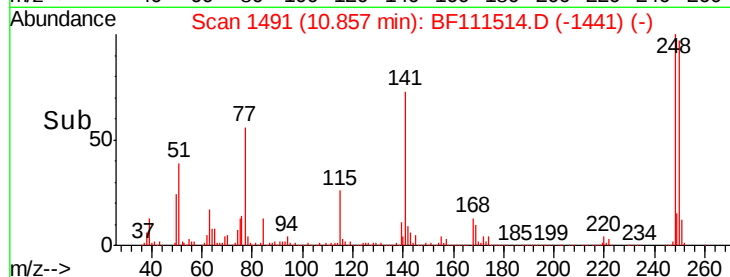
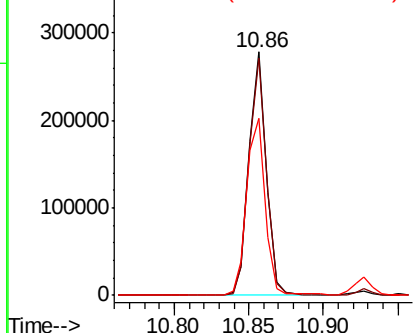
#67
4-Bromophenyl-phenylether
Concen: 42.452 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion:248 Resp: 223098
Ion Ratio Lower Upper
248 100
250 97.3 77.0 115.4
141 73.0 63.0 94.6

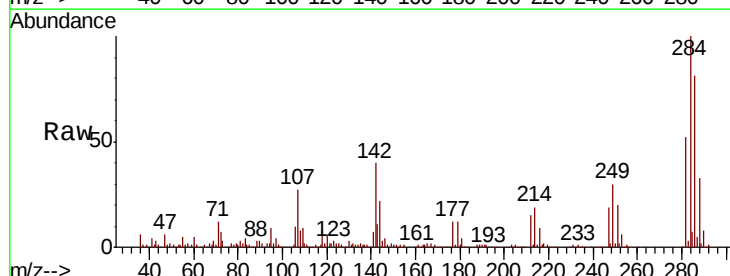


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

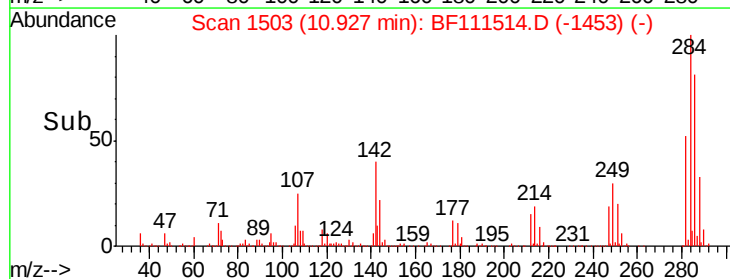
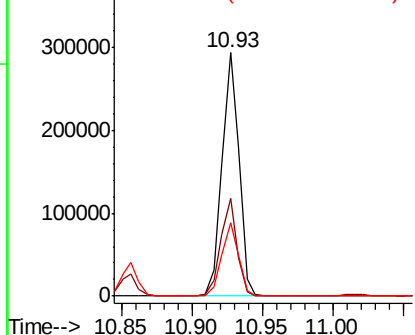


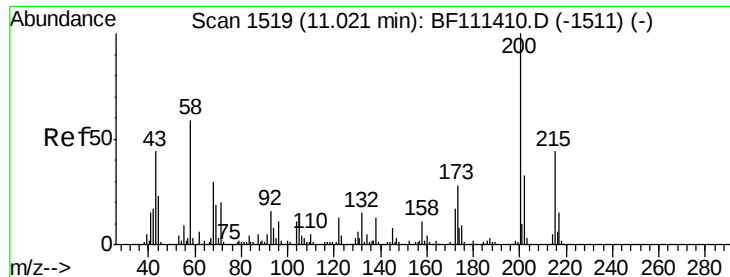
#68
Hexachlorobenzene
Concen: 45.609 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion:284 Resp: 246555
Ion Ratio Lower Upper
284 100
142 39.9 27.4 41.2
249 30.4 24.4 36.6



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





#69

Atrazine

Concen: 42.813 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

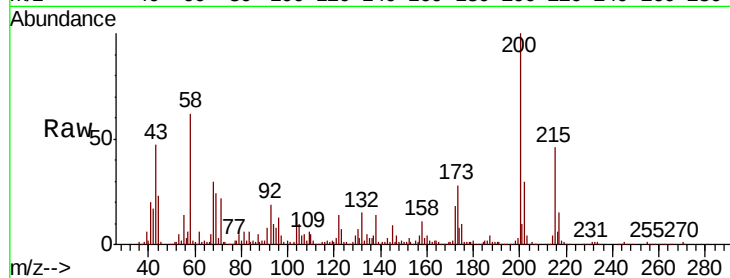
Tgt Ion:200 Resp: 208045

Ion Ratio Lower Upper

200 100

173 27.6 10.1 50.1

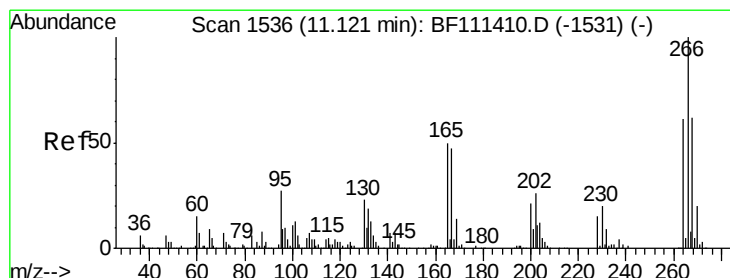
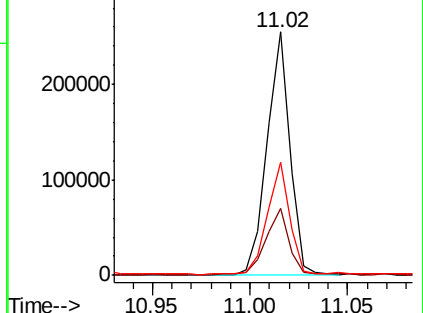
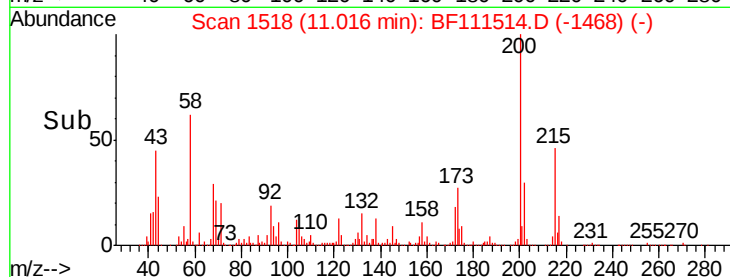
215 46.2 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 70.137 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

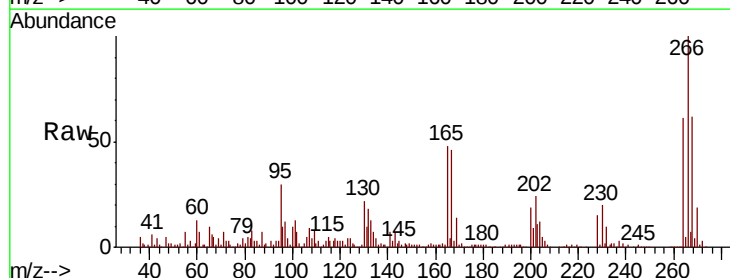
Tgt Ion:266 Resp: 232551

Ion Ratio Lower Upper

266 100

268 62.4 47.9 71.9

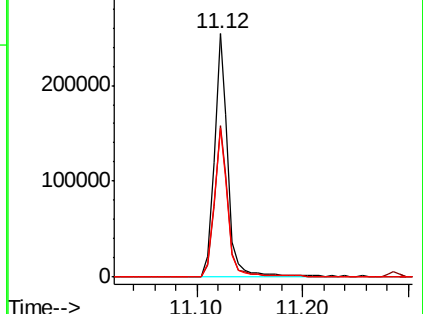
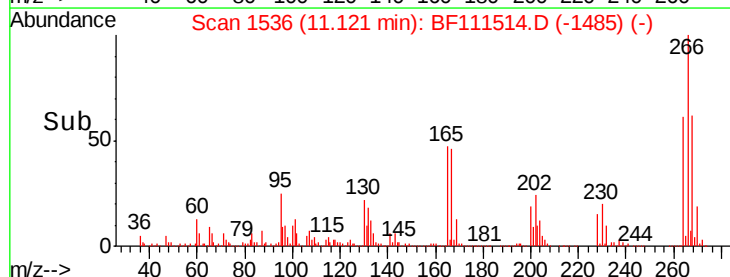
264 61.1 49.1 73.7

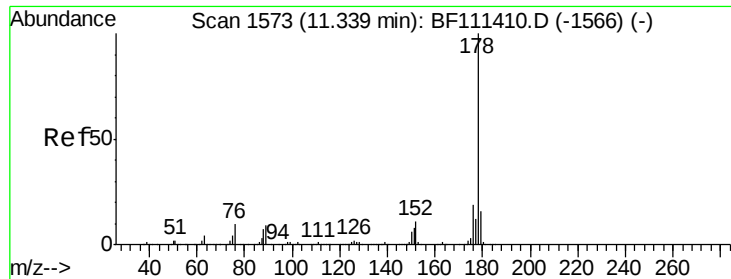


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.798 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

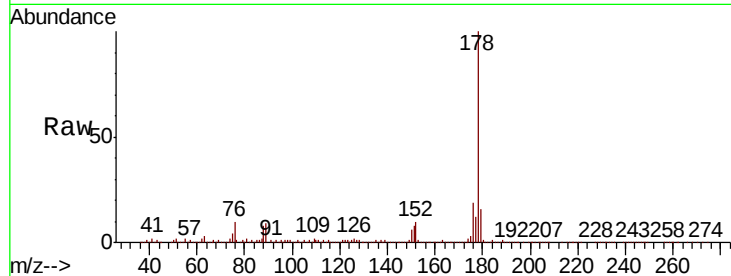
Tgt Ion:178 Resp: 1100421

Ion Ratio Lower Upper

178 100

176 19.1 18.1 27.1

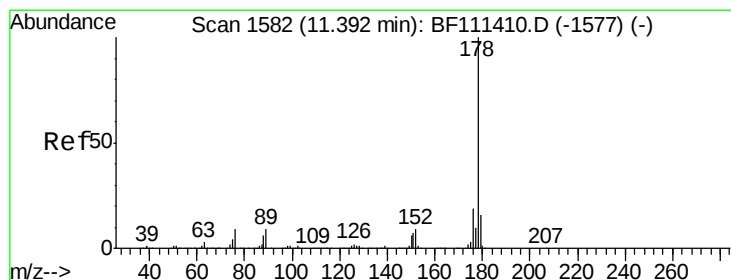
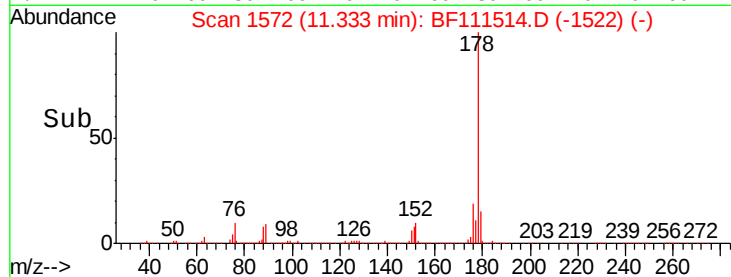
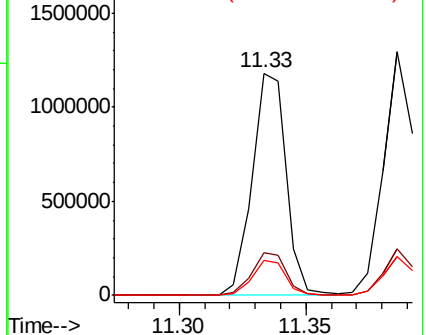
179 15.7 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.280 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

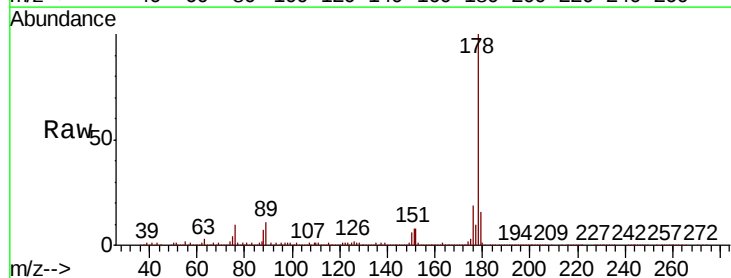
Tgt Ion:178 Resp: 1112075

Ion Ratio Lower Upper

178 100

176 18.9 17.2 25.8

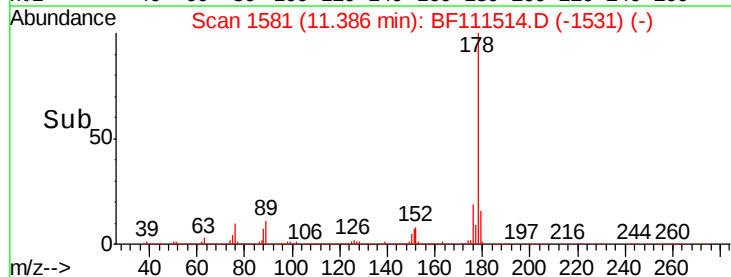
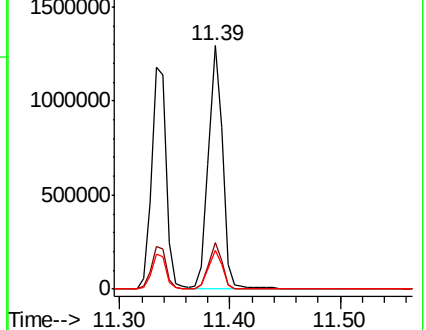
179 15.8 13.8 20.8

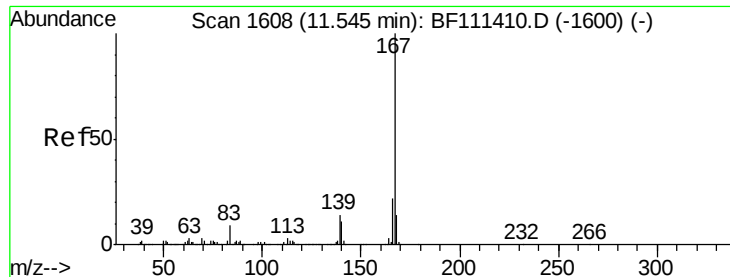


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

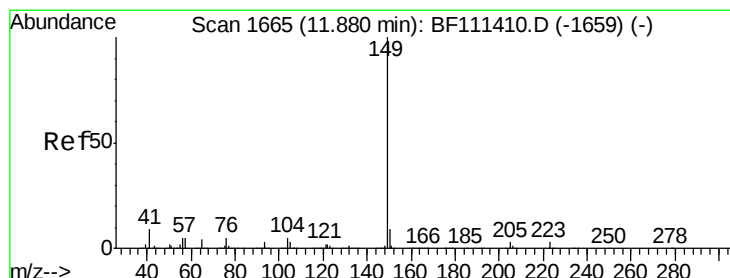
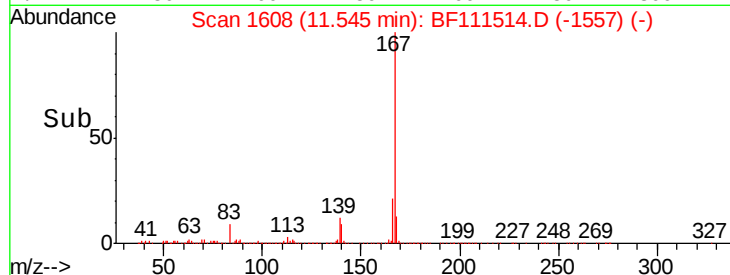
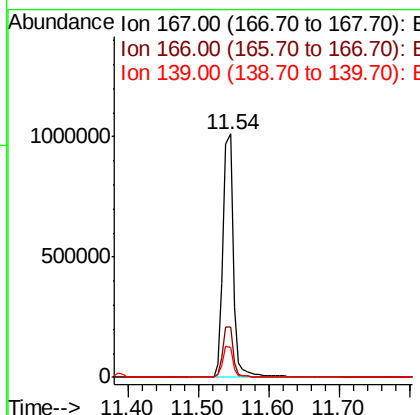
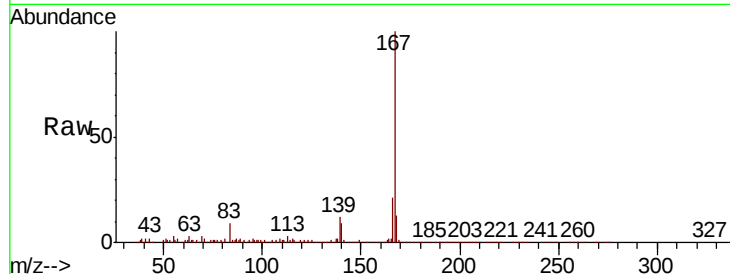




#73
 Carbazole
 Concen: 38.978 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111514.D
 Acq: 16 Dec 2018 17:53

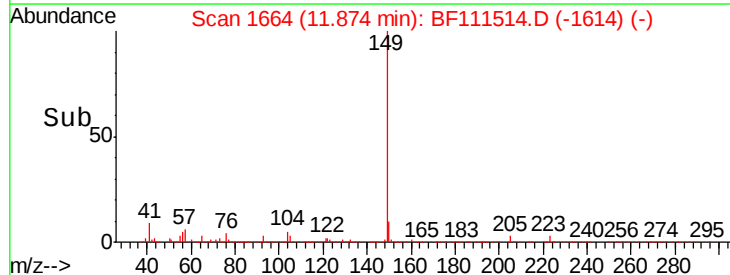
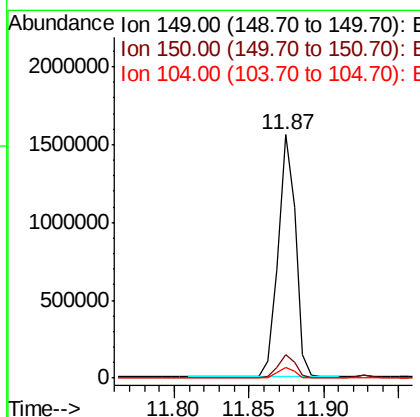
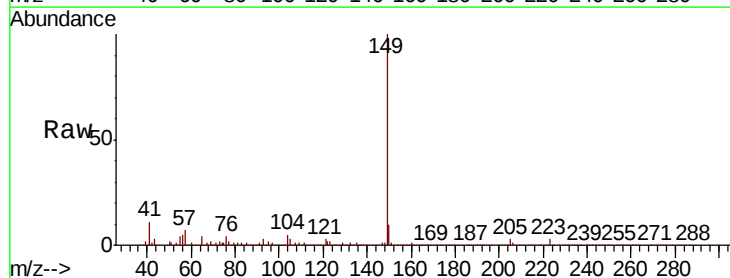
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MSD

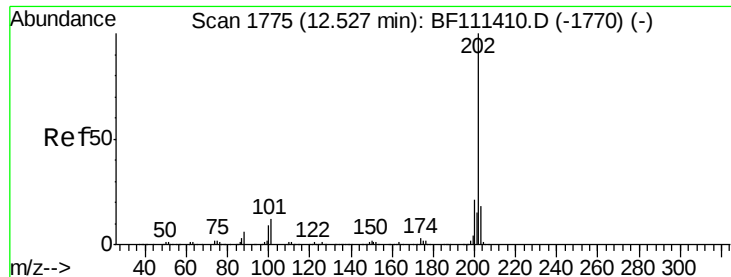
Tgt Ion:167 Resp: 1035680
 Ion Ratio Lower Upper
 167 100
 166 20.8 19.3 28.9
 139 12.3 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 42.952 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF111514.D
 Acq: 16 Dec 2018 17:53

Tgt Ion:149 Resp: 1271026
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.8 13.2
 104 4.6 4.5 6.7





#75

Fluoranthene

Concen: 44.620 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

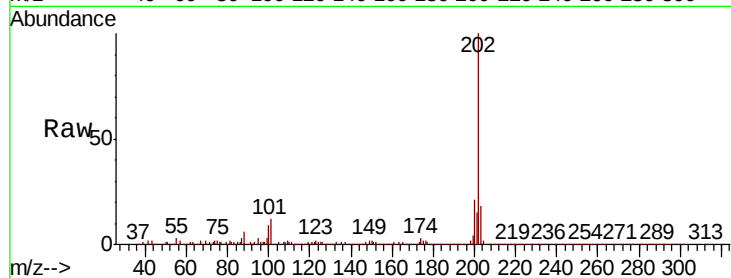
Tgt Ion:202 Resp: 1096734

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.8

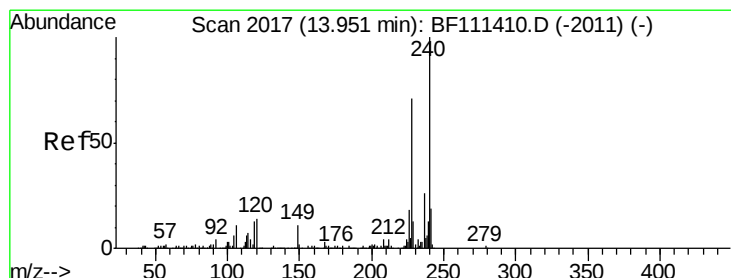
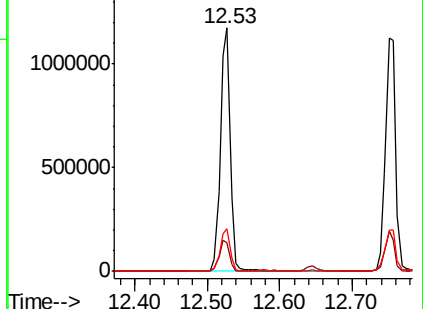
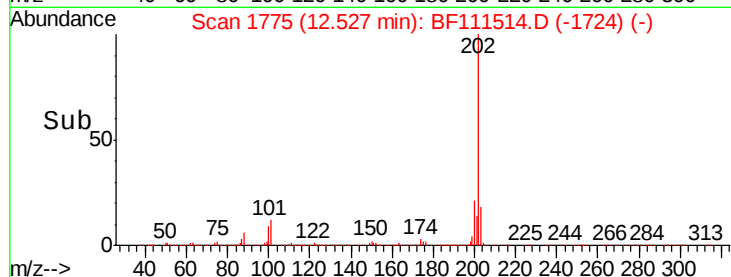
203 17.8 0.0 38.6



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# 2018

Delta R.T. 0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

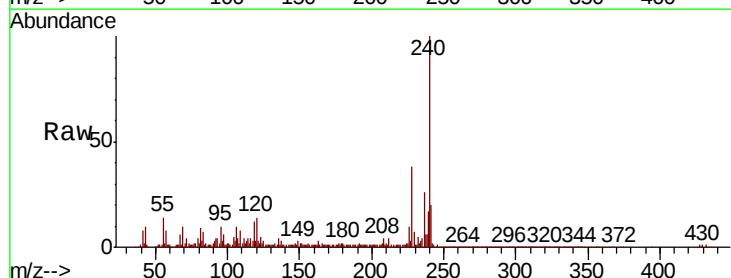
Tgt Ion:240 Resp: 406625

Ion Ratio Lower Upper

240 100

120 13.8 12.2 18.2

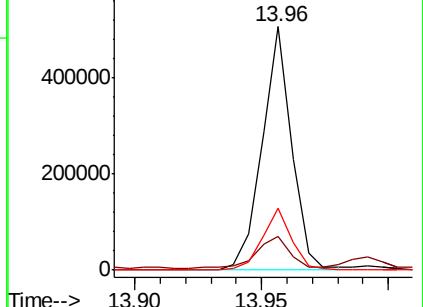
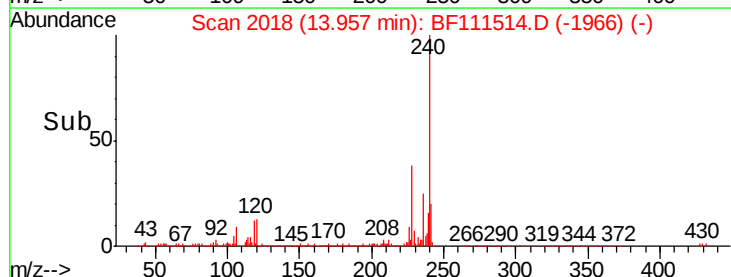
236 25.5 20.2 30.2

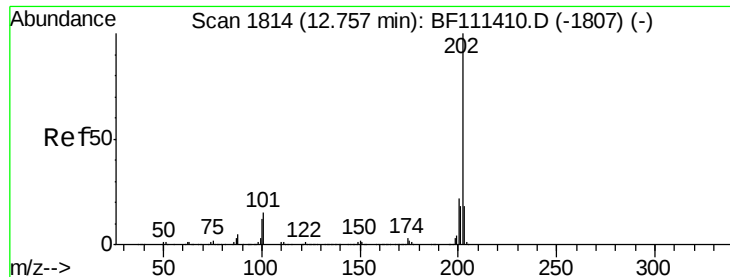


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 38.565 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

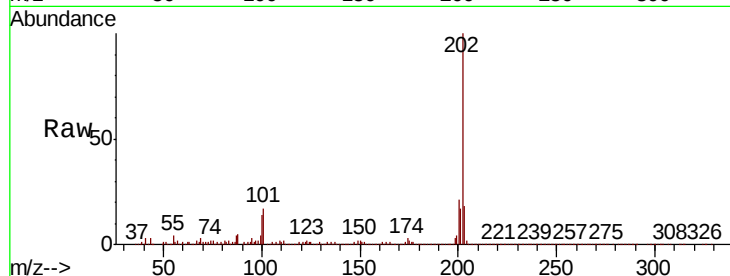
Tgt Ion:202 Resp: 1105586

Ion Ratio Lower Upper

202 100

200 20.9 19.0 28.4

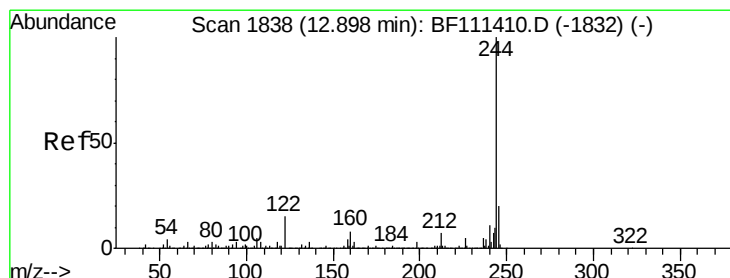
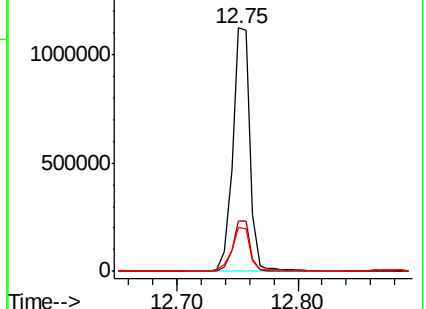
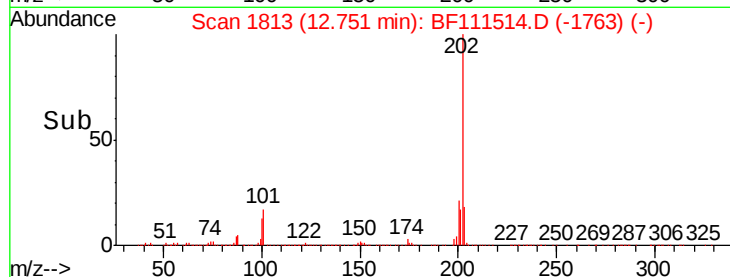
203 17.8 15.2 22.8



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: 63.198 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

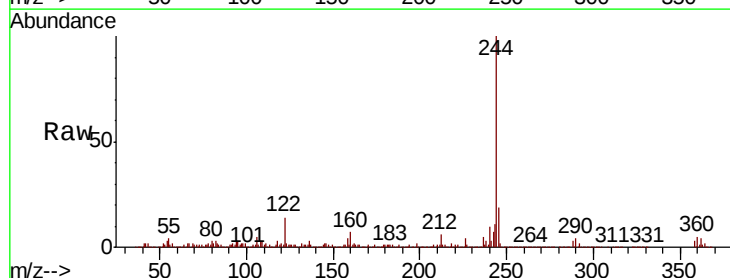
Tgt Ion:244 Resp: 1094344

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

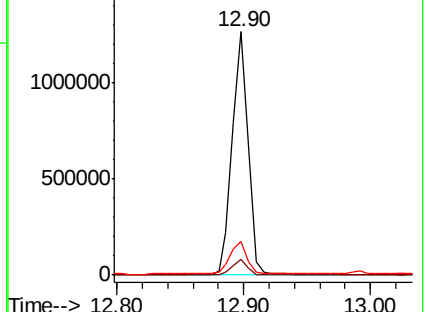
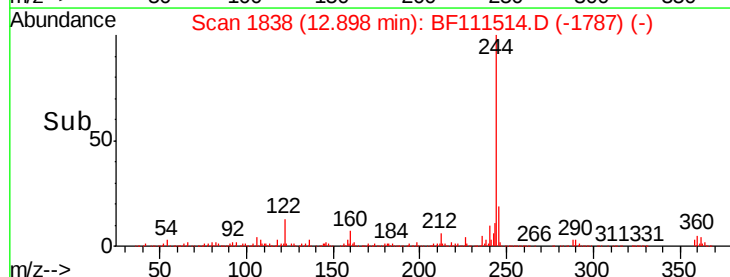
122 13.9 13.1 19.7

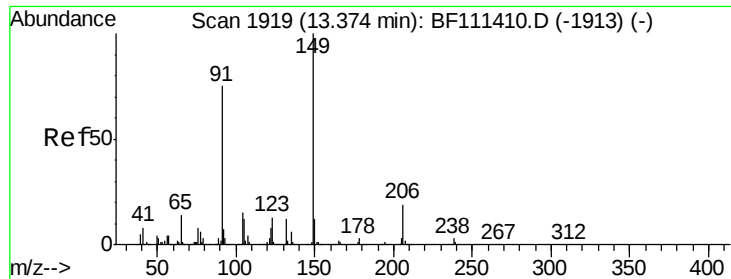


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

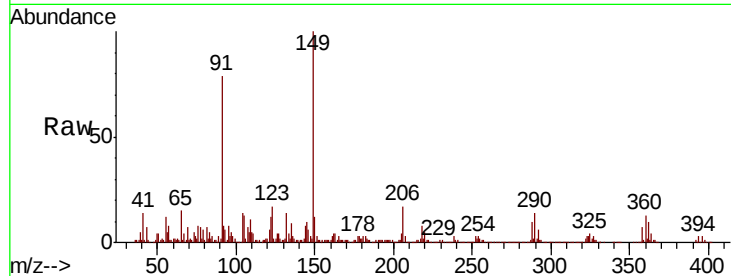




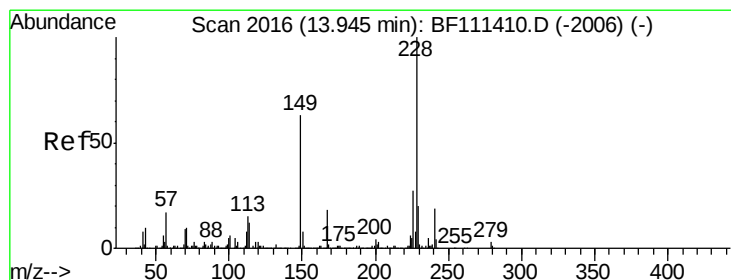
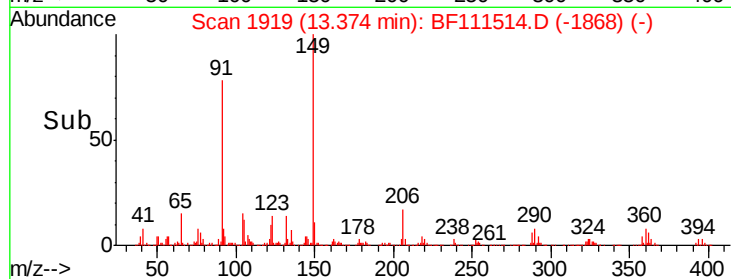
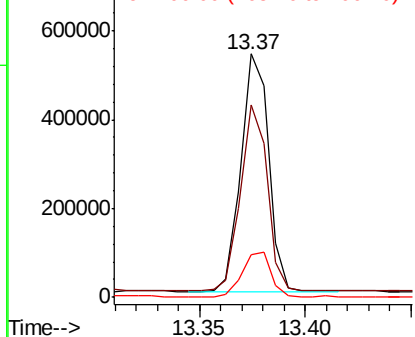
#80
Butylbenzylphthalate
Concen: 34.814 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

Tgt Ion:149 Resp: 486484
Ion Ratio Lower Upper
149 100
91 79.1 63.8 95.6
206 17.3 15.1 22.7

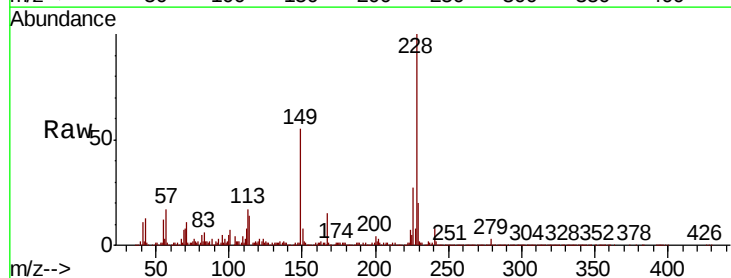


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

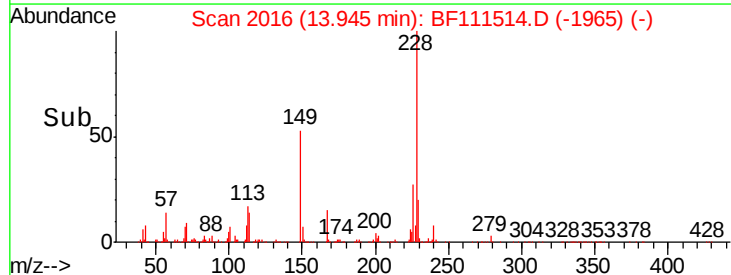
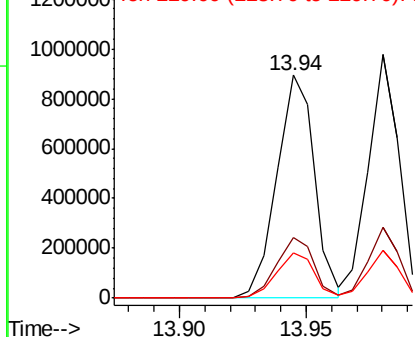


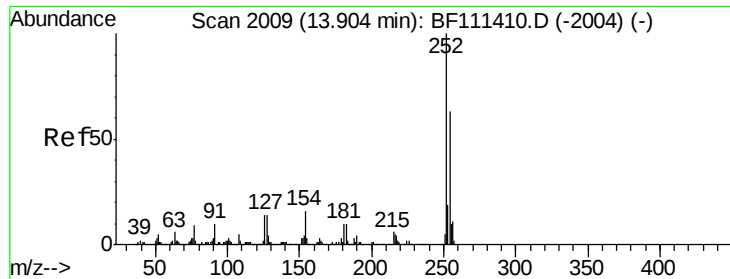
#81
Benzo(a)anthracene
Concen: 41.860 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion:228 Resp: 925512
Ion Ratio Lower Upper
228 100
226 27.1 22.6 34.0
229 20.4 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

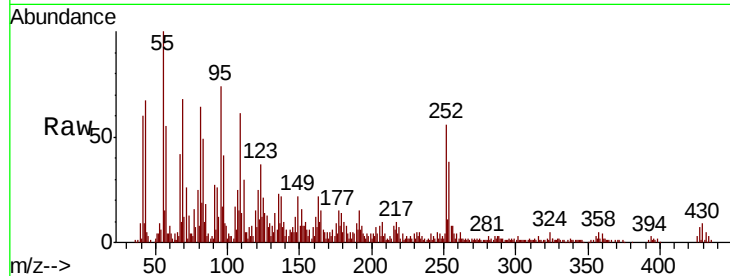




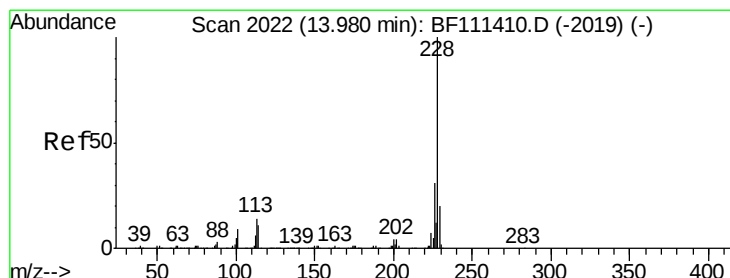
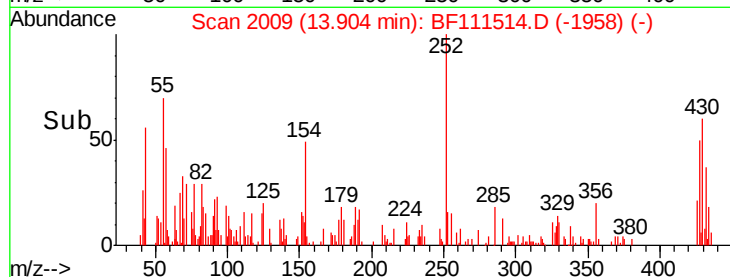
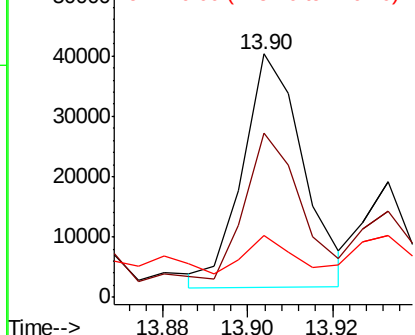
#82
 3,3'-Dichlorobenzidine
 Concen: 4.324 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF111514.D
 Acq: 16 Dec 2018 17:53

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MSD

Tgt Ion:252 Resp: 38862
 Ion Ratio Lower Upper
 252 100
 254 67.5 52.7 79.1
 126 25.6 11.1 16.7#

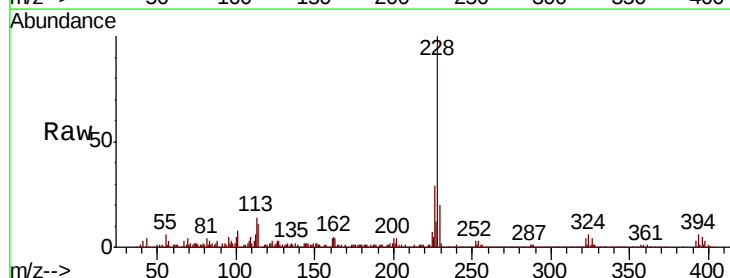


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

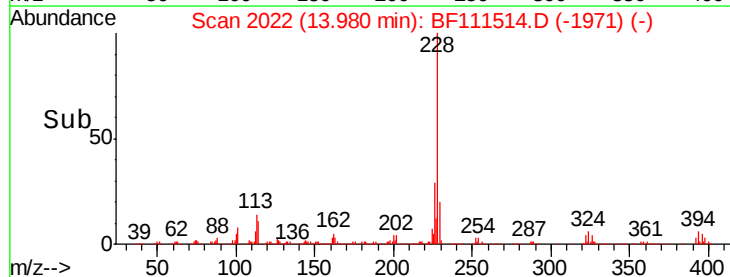
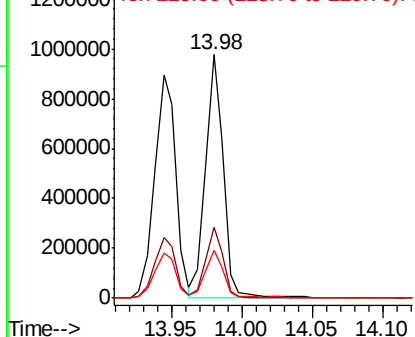


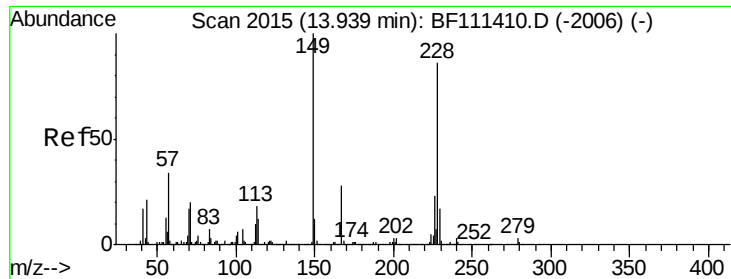
#83
 Chrysene
 Concen: 36.174 ng
 RT: 13.98 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BF111514.D
 Acq: 16 Dec 2018 17:53

Tgt Ion:228 Resp: 842534
 Ion Ratio Lower Upper
 228 100
 226 29.1 25.3 37.9
 229 19.8 17.2 25.8



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 41.338 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

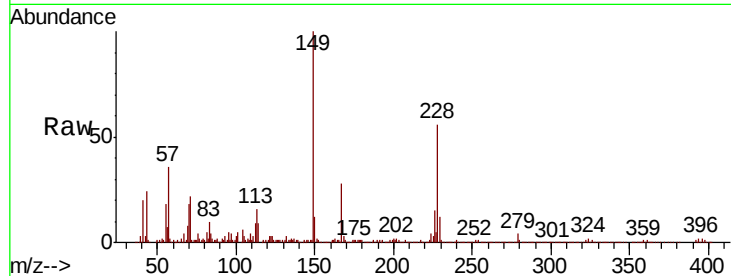
Tgt Ion:149 Resp: 737812

Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 3.6 2.6 4.0

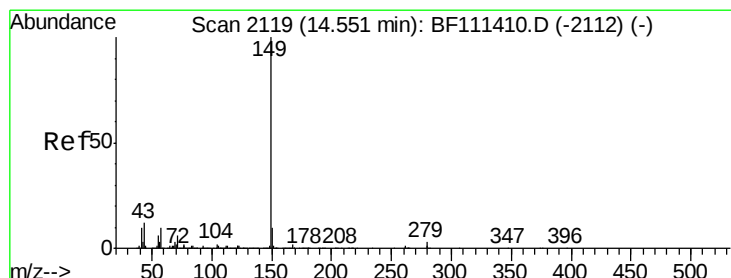
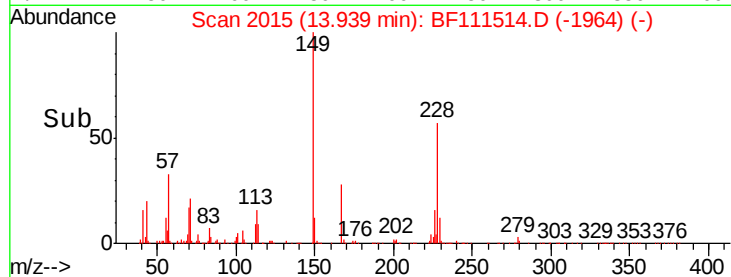
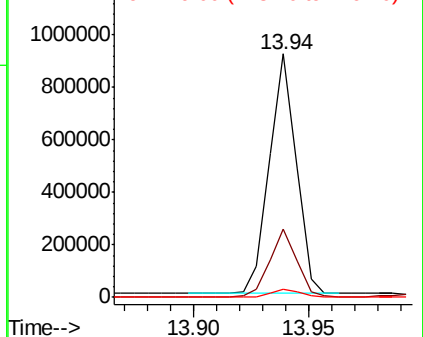


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 42.947 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

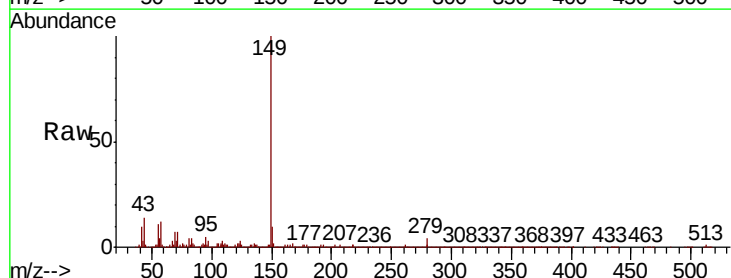
Tgt Ion:149 Resp: 1292934

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.7 10.9 16.3

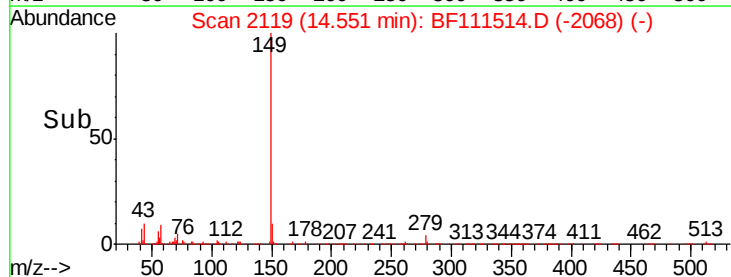
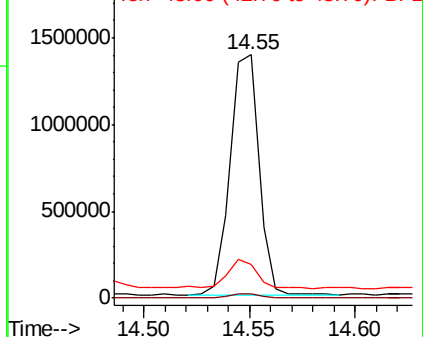


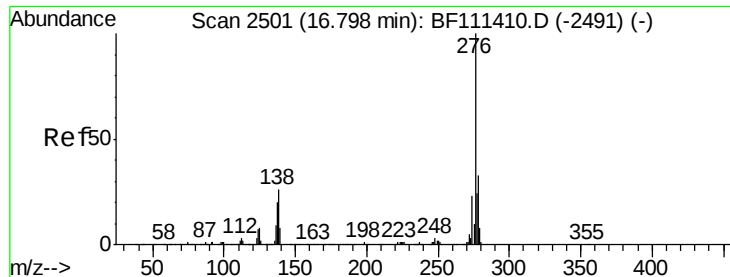
Abundance

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

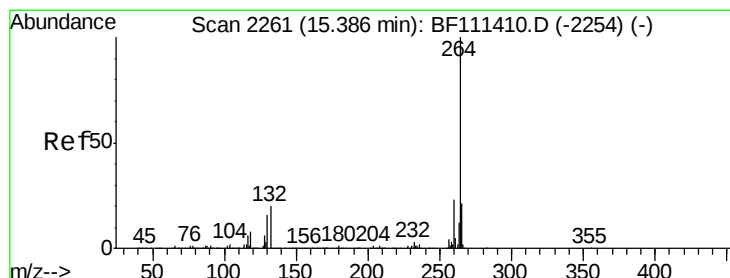
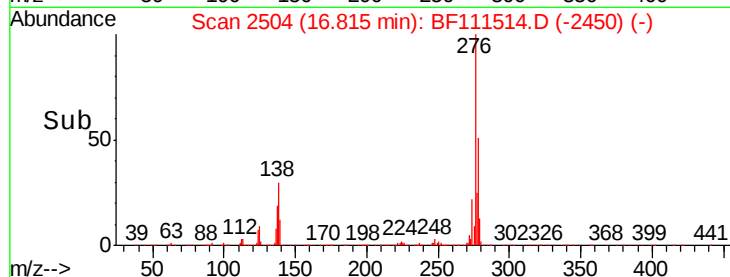
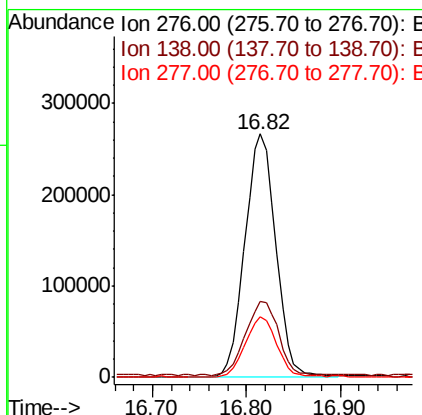
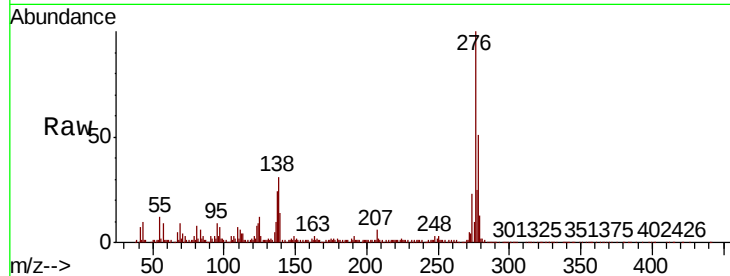




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 35.874 ng
 RT: 16.82 min Scan# 2504
 Delta R.T. 0.02 min
 Lab File: BF111514.D
 Acq: 16 Dec 2018 17:53

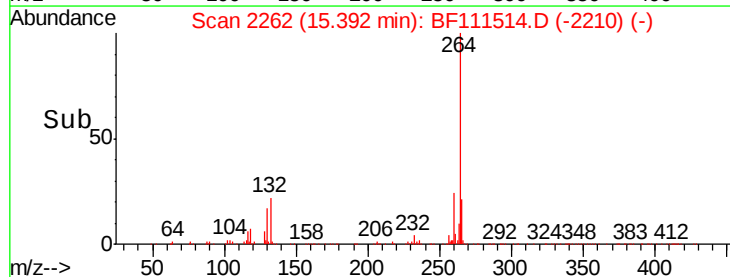
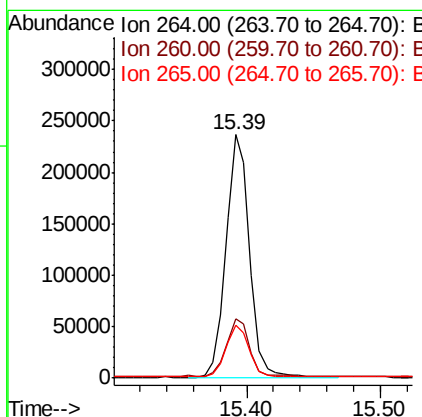
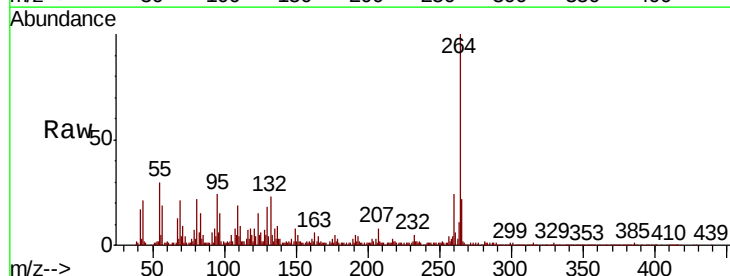
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MSD

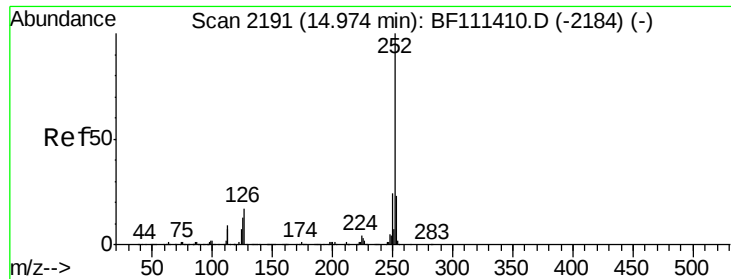
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	27.8	41.6
277	25.2	20.1	30.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111514.D
 Acq: 16 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.3	27.5
265	21.5	17.7	26.5

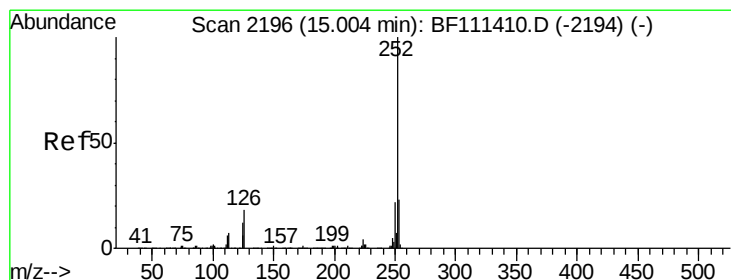
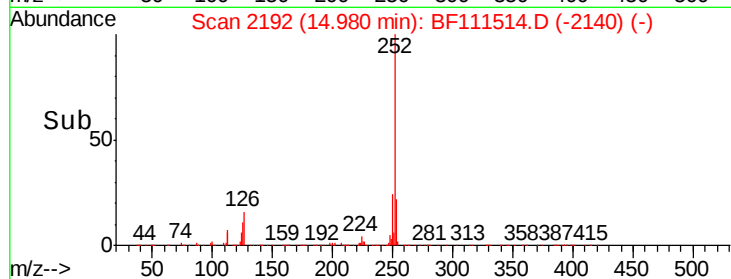
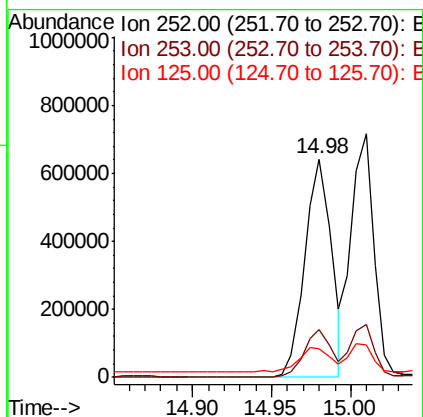
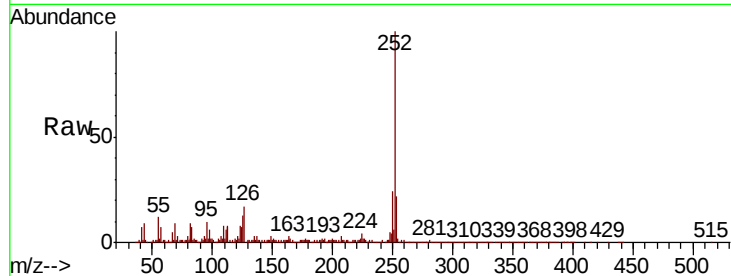




#88
Benzo(b)fluoranthene
Concen: 43.618 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

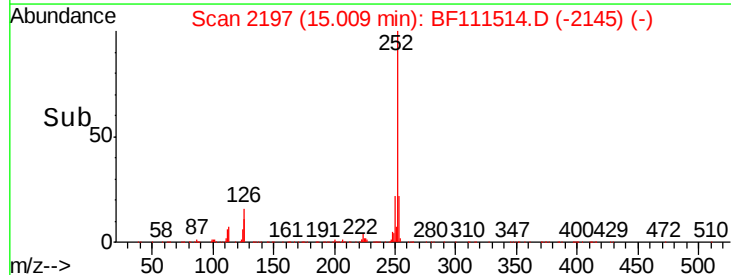
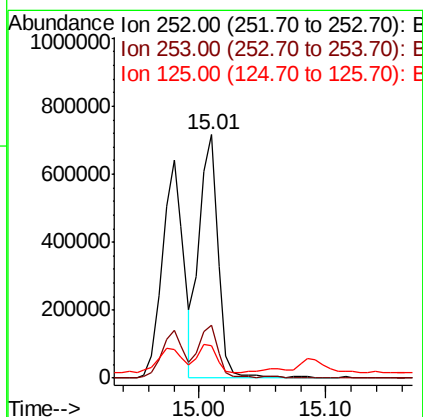
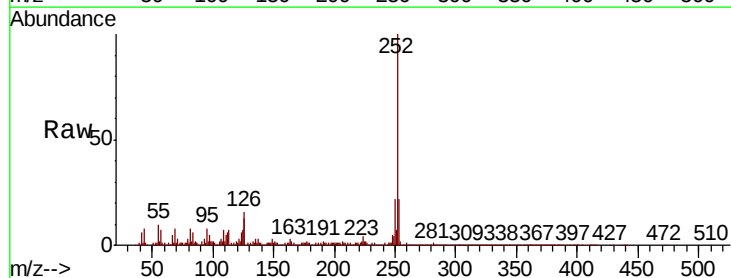
Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

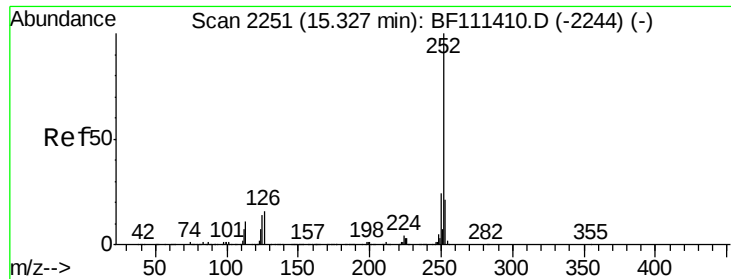
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	13.3	10.4	15.6



#89
Benzo(k)fluoranthene
Concen: 44.702 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111514.D
Acq: 16 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.3	9.8	14.8





#90

Benzo(a)pyrene

Concen: 42.464 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

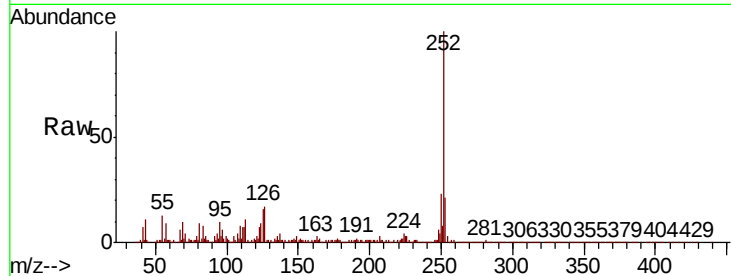
Instrument :

BNA_F

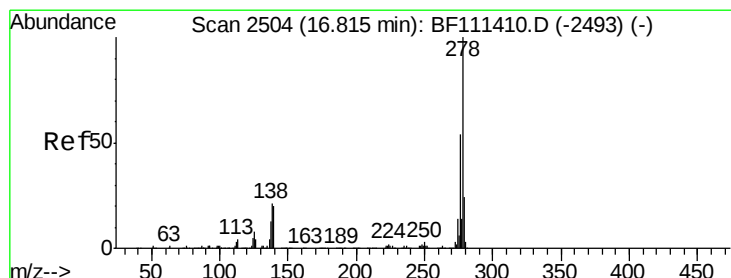
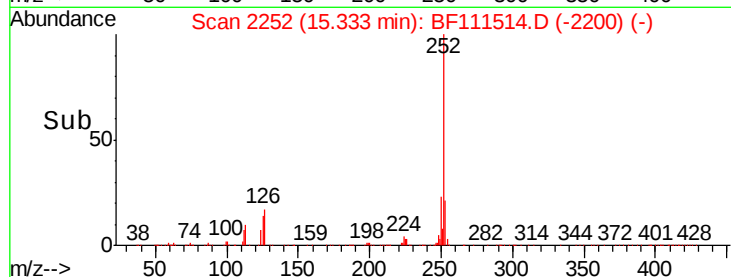
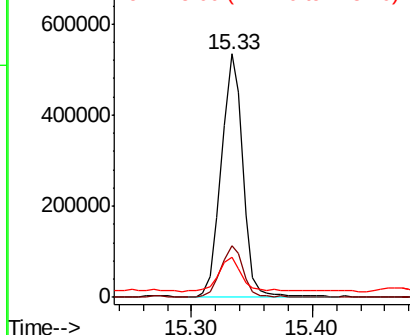
ClientSampleId :

P001-SS015-0612-01MSD

Tgt Ion:	252	Resp:	654906
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	16.4	12.3	18.5



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



#91

Dibenzo(a,h)anthracene

Concen: 41.640 ng

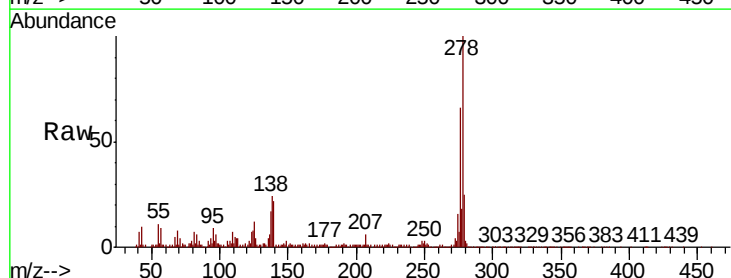
RT: 16.83 min Scan# 2506

Delta R.T. 0.01 min

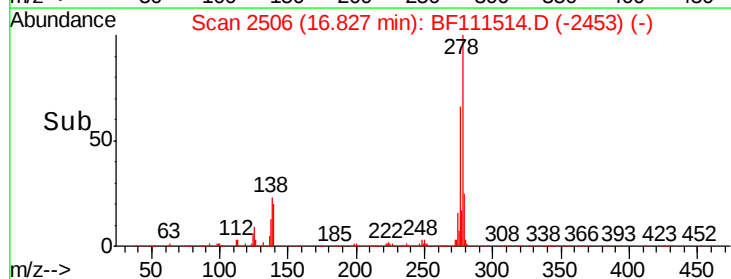
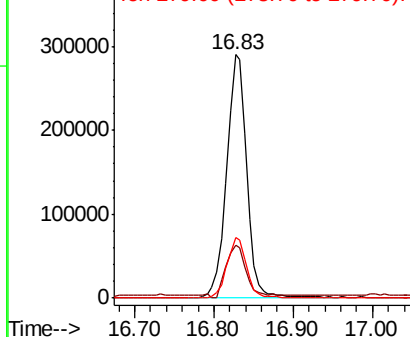
Lab File: BF111514.D

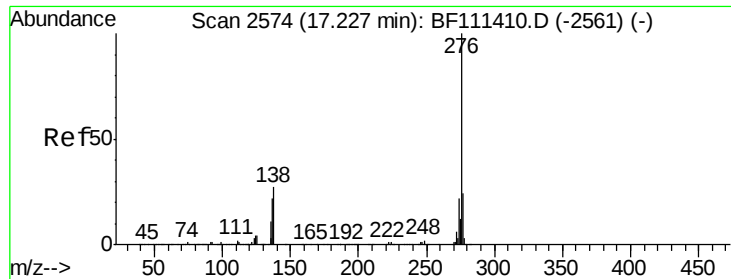
Acq: 16 Dec 2018 17:53

Tgt Ion:	278	Resp:	506586
Ion	Ratio	Lower	Upper
278	100		
139	21.6	18.2	27.4
279	24.7	19.0	28.6



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





#92

Benzo(g,h,i)perylene

Concen: 42.190 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.02 min

Lab File: BF111514.D

Acq: 16 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MSD

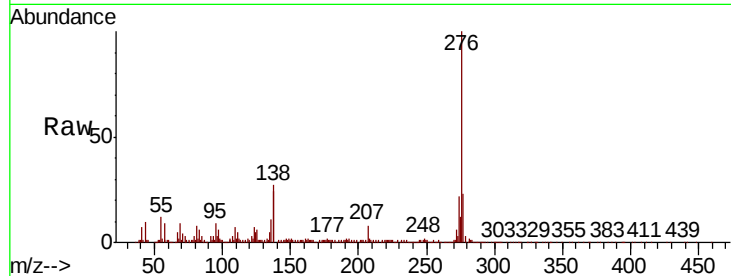
Tgt Ion: 276 Resp: 503822

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 27.3 24.9 37.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

