

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
 Data File : BF111522.D
 Acq On : 16 Dec 2018 21:46
 Operator : JU/SJ
 Sample : J6391-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MS

Quant Time: Dec 17 06:45:43 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	137554	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	532988	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	213074	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	300651	20.00	ng	0.00
76) Chrysene-d12	13.94	240	265960	20.00	ng	0.00
87) Perylene-d12	15.38	264	201410	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	765921	92.66	ng	0.00
7) Phenol-d6	6.44	99	952246	86.60	ng	0.00
23) Nitrobenzene-d5	7.35	82	581425	64.96	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	139878	73.28	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1010157	73.23	ng	-0.01
79) Terphenyl-d14	12.89	244	661217	58.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	98322	24.628	ng	95
3) Pyridine	3.31	79	35195	3.510	ng	# 84
4) n-Nitrosodimethylamine	3.19	42	149905	32.913	ng	88
6) Aniline	6.45	93	41261	3.025	ng	# 1
8) 2-Chlorophenol	6.58	128	298741	30.247	ng	97
9) Benzaldehyde	6.33	77	90133	13.515	ng	91
10) Phenol	6.45	94	388910	31.751	ng	95
11) bis(2-Chloroethyl)ether	6.52	93	274462	28.584	ng	98
12) 1,3-Dichlorobenzene	6.73	146	309720	28.487	ng	95
13) 1,4-Dichlorobenzene	6.80	146	313653	28.422	ng	96
14) 1,2-Dichlorobenzene	6.96	146	299310	28.830	ng	98
15) Benzyl Alcohol	6.93	79	241475	28.863	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	541802	28.900	ng	98
17) 2-Methylphenol	7.06	107	230436	28.990	ng	# 94
18) Hexachloroethane	7.30	117	99399	24.203	ng	91
19) n-Nitroso-di-n-propylamine	7.20	70	200377	27.622	ng	95
20) 3+4-Methylphenols	7.20	107	292316	29.317	ng	# 75
22) Acetophenone	7.20	105	411815	34.612	ng	# 88
24) Nitrobenzene	7.37	77	293048	32.096	ng	96
25) Isophorone	7.61	82	535599	35.366	ng	99
26) 2-Nitrophenol	7.69	139	122023	25.770	ng	99
27) 2,4-Dimethylphenol	7.73	122	244828	35.666	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	344041	32.907	ng	99
29) 2,4-Dichlorophenol	7.93	162	223011	30.433	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	233654	30.459	ng	97
31) Naphthalene	8.09	128	822530	32.995	ng	96
32) Benzoic acid	7.82	122	67186	11.326	ng	97
33) 4-Chloroaniline	8.14	127	54151	4.885	ng	98
34) Hexachlorobutadiene	8.22	225	129849	30.724	ng	96
35) Caprolactam	8.50	113	47014	17.280	ng	97
36) 4-Chloro-3-methylphenol	8.63	107	218381	27.074	ng	96
37) 2-Methylnaphthalene	8.79	142	536214	31.787	ng	98
38) 1-Methylnaphthalene	8.89	142	505501	31.019	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	204772	35.044	ng	98

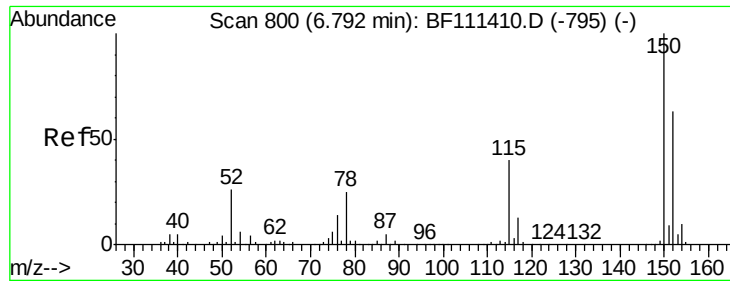
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	56084	18.694	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	124249	30.043	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	127477	28.966	ng	97
46) 1,1'-Biphenyl	9.25	154	610107	33.793	ng	92
47) 2-Chloronaphthalene	9.27	162	462234	33.683	ng	94
48) 2-Nitroaniline	9.36	65	137462	30.850	ng	99
49) Acenaphthylene	9.69	152	697765	34.254	ng	94
50) Dimethylphthalate	9.55	163	573412	37.368	ng	98
51) 2,6-Dinitrotoluene	9.60	165	108051	31.282	ng	90
52) Acenaphthene	9.86	154	397713	30.891	ng	99
53) 3-Nitroaniline	9.77	138	61516	14.663	ng	94
54) 2,4-Dinitrophenol	9.88	184	6494	4.942	ng	# 87
55) Dibenzofuran	10.03	168	580855	31.081	ng	97
56) 4-Nitrophenol	9.95	139	135736	46.751	ng	97
57) 2,4-Dinitrotoluene	10.01	165	127481	28.120	ng	95
58) Fluorene	10.37	166	435921	32.159	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	87407	25.420	ng	99
60) Diethylphthalate	10.25	149	490850	31.578	ng	97
61) 4-Chlorophenyl-phenylether	10.36	204	199289	30.050	ng	97
62) 4-Nitroaniline	10.38	138	81610	19.650	ng	99
63) Azobenzene	10.52	77	425290	27.753	ng	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	7576	4.464	ng	96
66) n-Nitrosodiphenylamine	10.48	169	375742	36.241	ng	96
67) 4-Bromophenyl-phenylether	10.85	248	108783	33.571	ng	92
68) Hexachlorobenzene	10.93	284	107724	32.318	ng	96
69) Atrazine	11.01	200	101300	33.808	ng	98
70) Pentachlorophenol	11.12	266	110939	54.264	ng	97
71) Phenanthrene	11.33	178	520929	33.626	ng	93
72) Anthracene	11.39	178	543383	34.297	ng	94
73) Carbazole	11.54	167	493231	30.105	ng	94
74) Di-n-butylphthalate	11.87	149	627030	34.365	ng	# 96
75) Fluoranthene	12.52	202	532745	35.151	ng	95
77) Benzidine	12.89	184	9147	0.936	ng	98
78) Pyrene	12.74	202	542974	28.957	ng	95
80) Butylbenzylphthalate	13.37	149	260586	28.511	ng	92
81) Benzo(a)anthracene	13.94	228	488246	33.762	ng	97
82) 3,3'-Dichlorobenzidine	13.90	252	36432	6.197	ng	# 98
83) Chrysene	13.97	228	474911	31.174	ng	94
84) Bis(2-ethylhexyl)phthalate	13.93	149	382056	32.727	ng	98
85) Di-n-octyl phthalate	14.54	149	697682	35.431	ng	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	308380	28.048	ng	94
88) Benzo(b)fluoranthene	14.97	252	385025	32.789	ng	96
89) Benzo(k)fluoranthene	15.00	252	392196	34.955	ng	96
90) Benzo(a)pyrene	15.32	252	351197	33.166	ng	96
91) Dibenzo(a,h)anthracene	16.81	278	259450	31.061	ng	94
92) Benzo(g,h,i)perylene	17.22	276	249284	30.404	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF111522.D

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P001-SS016-0006-01MS

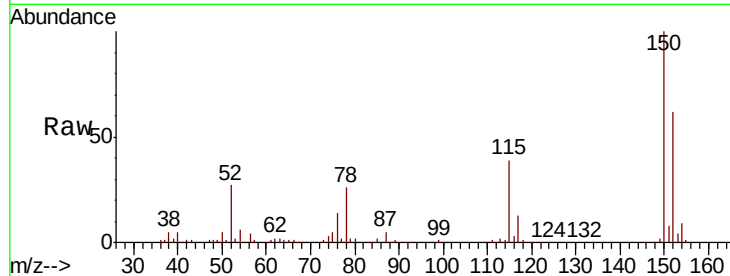
Tot Ion:152 Resp: 137554

Ion Ratio Lower Upper

152 100

150 160.3 126.6 189.8

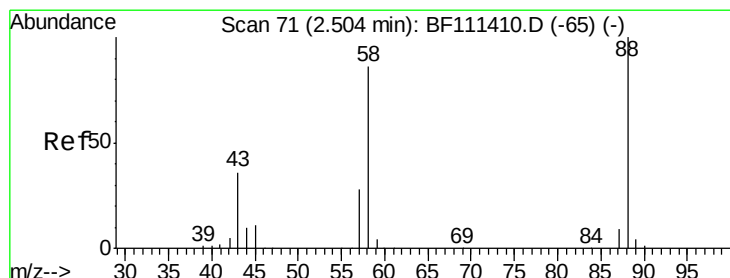
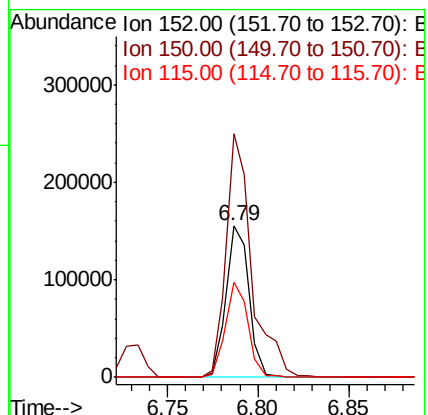
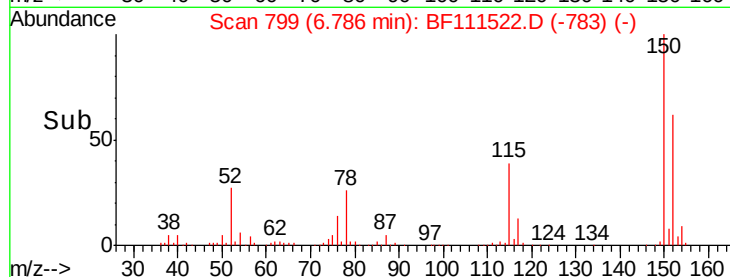
115 62.4 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.628 ng

RT: 2.53 min Scan# 75

Delta R.T. 0.02 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

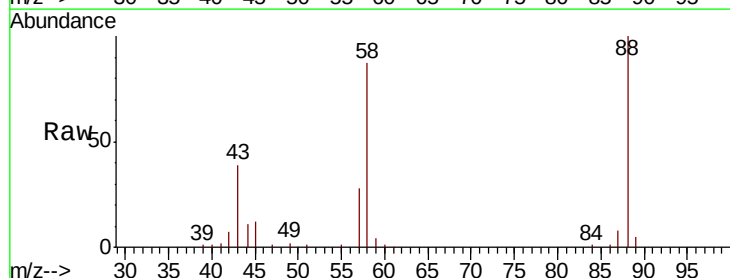
Tgt Ion: 88 Resp: 98322

Ion Ratio Lower Upper

88 100

58 89.8 68.9 103.3

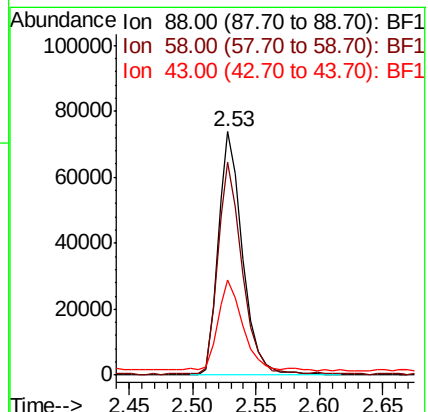
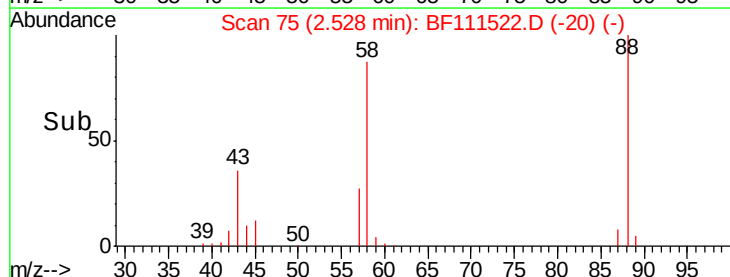
43 37.1 25.8 38.6

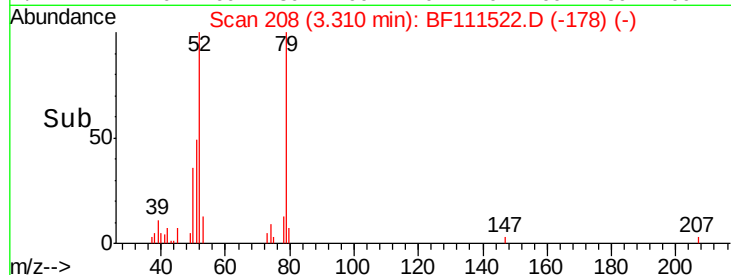
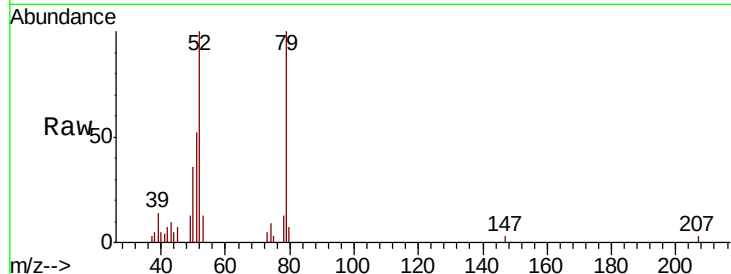
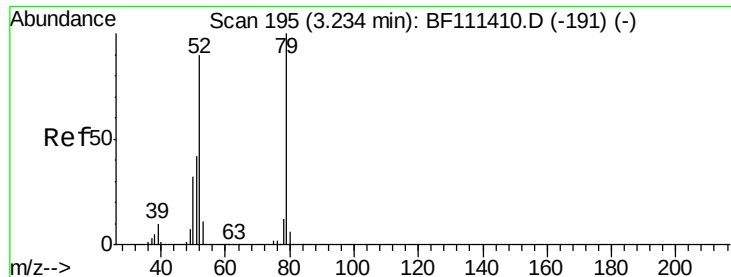


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

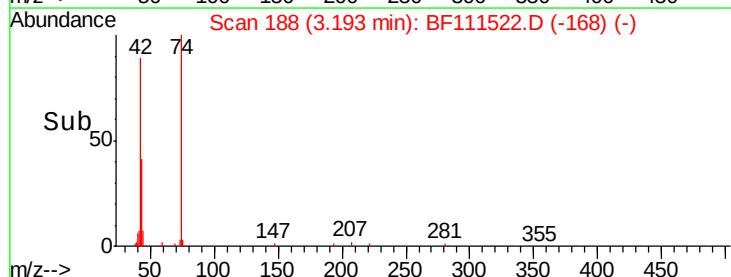
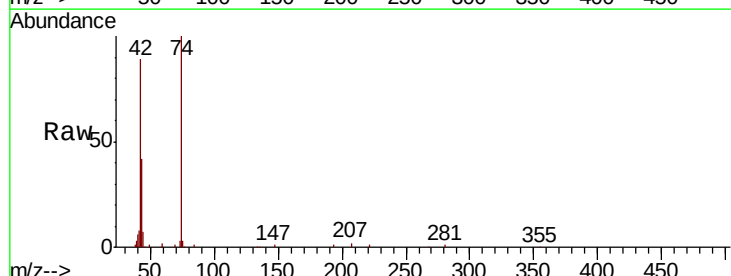
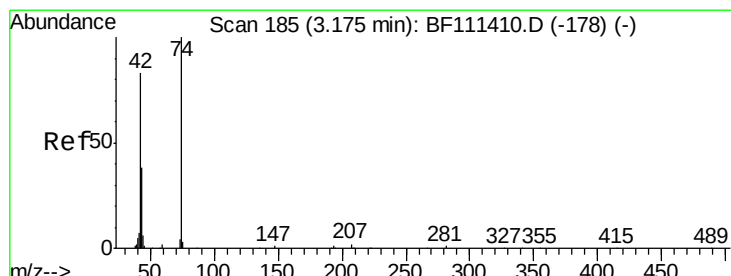
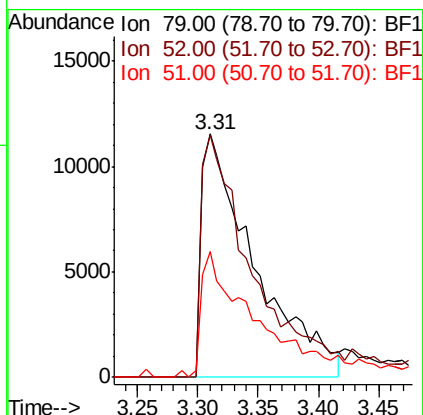




#3
 Pvridine
 Concen: 3.510 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.08 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

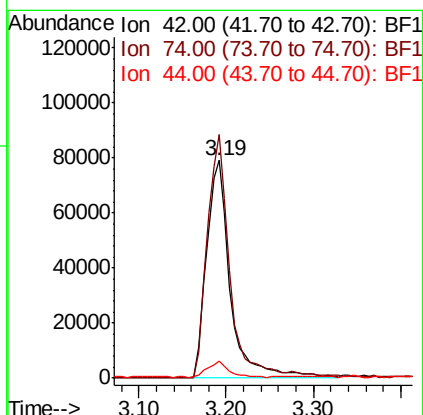
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MS

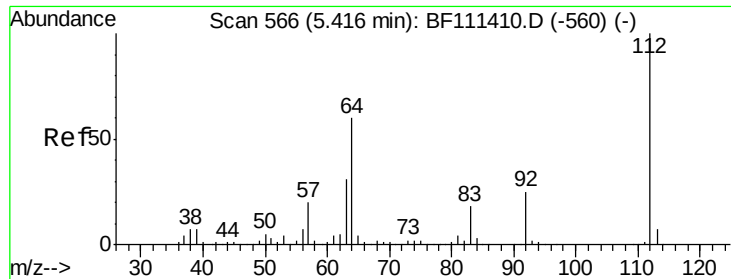
Tot Ion: 79 Resp: 35195
 Ion Ratio Lower Upper
 79 100
 52 99.6 68.3 102.5
 51 51.5 32.6 49.0#



#4
 n-Nitrosodimethylamine
 Concen: 32.913 ng
 RT: 3.19 min Scan# 188
 Delta R.T. 0.02 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

Tgt Ion: 42 Resp: 149905
 Ion Ratio Lower Upper
 42 100
 74 111.8 101.5 152.3
 44 7.8 6.0 9.0





#5

2-Fluorophenol

Concen: 92.657 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MS

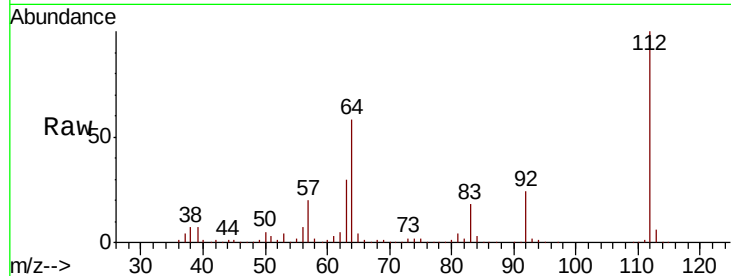
Tot Ion: 112 Resp: 765921

Ion Ratio Lower Upper

112 100

64 58.3 51.8 77.6

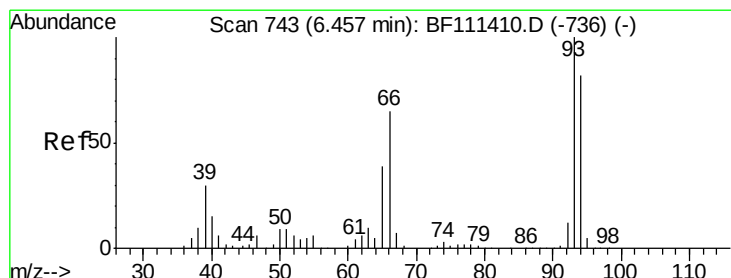
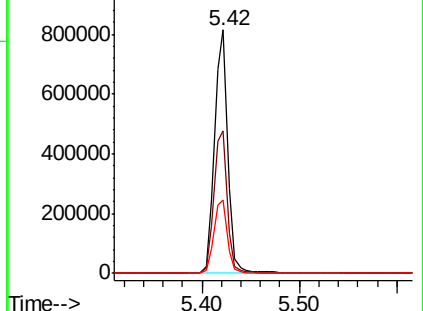
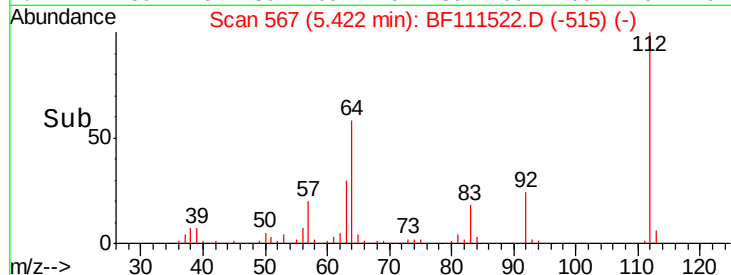
63 30.3 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 3.025 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

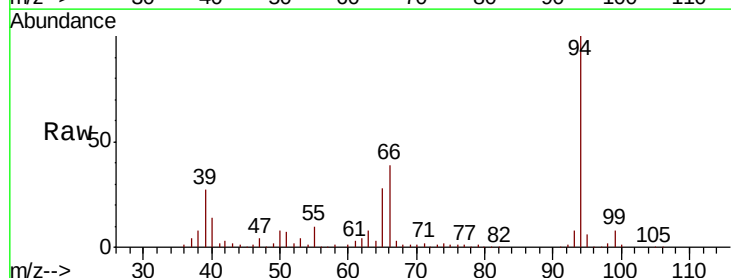
Tgt Ion: 93 Resp: 41261

Ion Ratio Lower Upper

93 100

66 498.6 33.2 49.8#

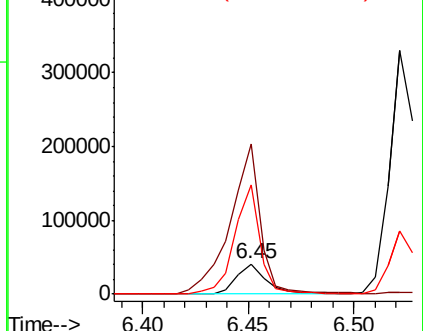
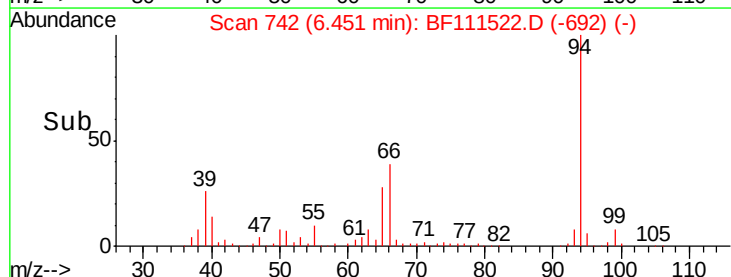
65 364.3 17.0 25.4#

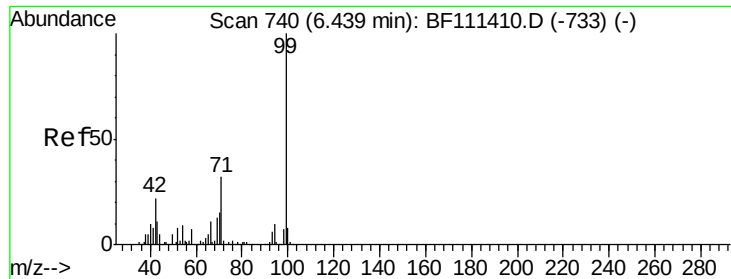


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.604 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111522.D

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P001-SS016-0006-01MS

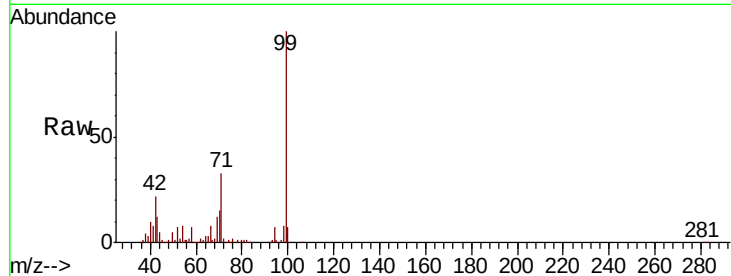
Tot Ion: 99 Resp: 952246

Ion Ratio Lower Upper

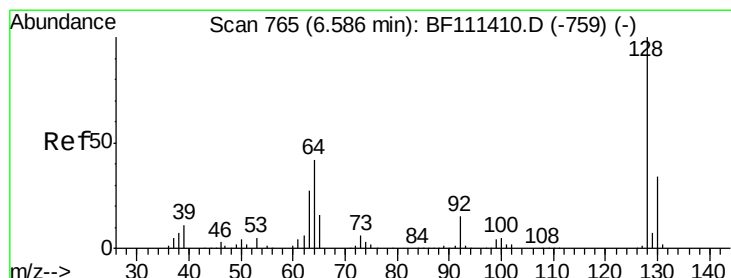
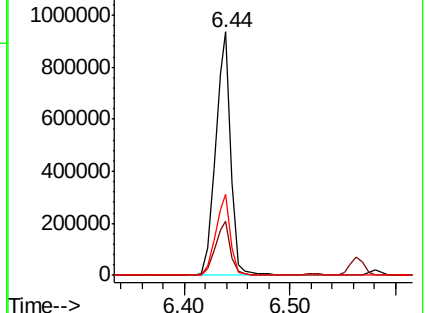
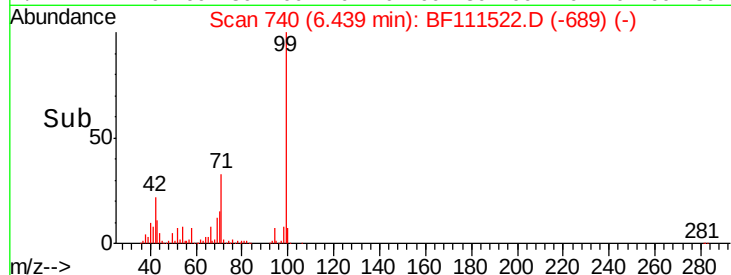
99 100

42 22.4 17.4 26.0

71 33.2 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: 30.247 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

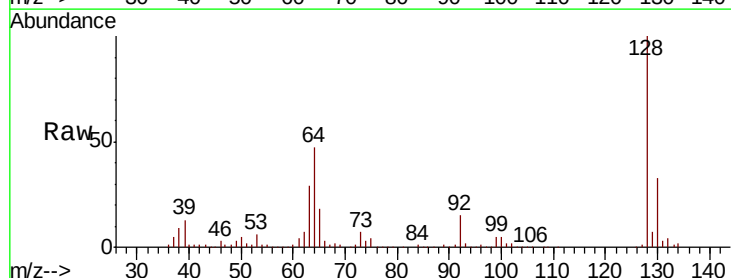
Tgt Ion: 128 Resp: 298741

Ion Ratio Lower Upper

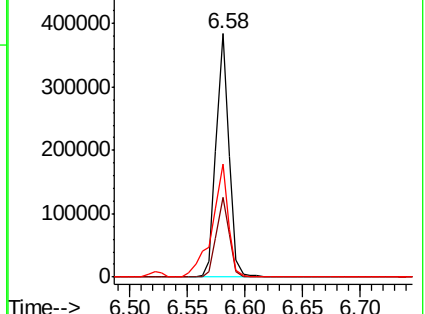
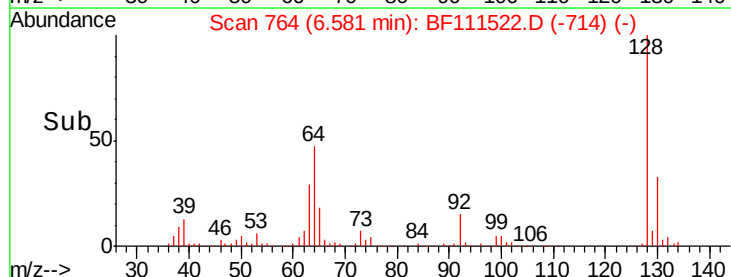
128 100

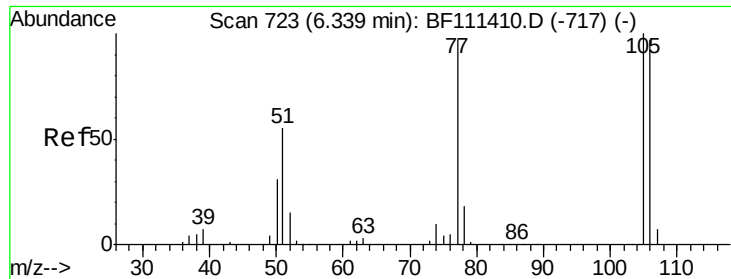
130 32.6 12.7 52.7

64 46.5 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.515 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Instrument :

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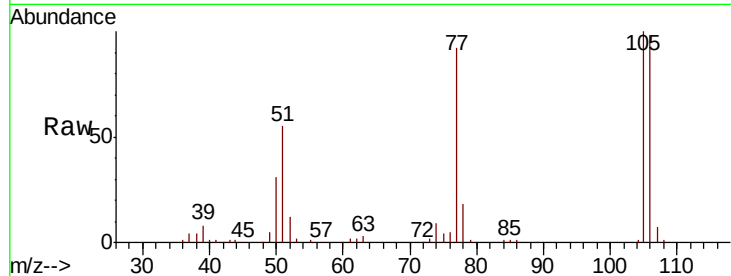
Tot Ion: 77 Resp: 90133

Ion Ratio Lower Upper

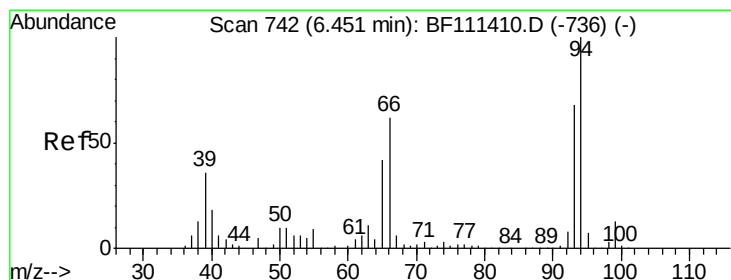
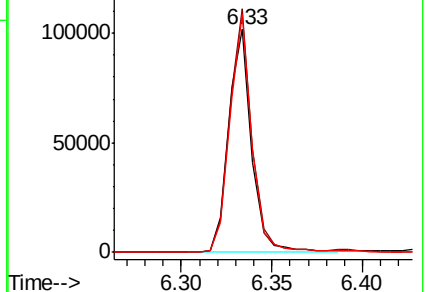
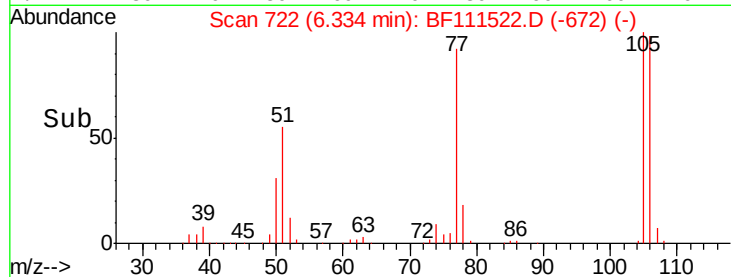
77 100

105 109.3 81.4 121.4

106 107.1 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 31.751 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

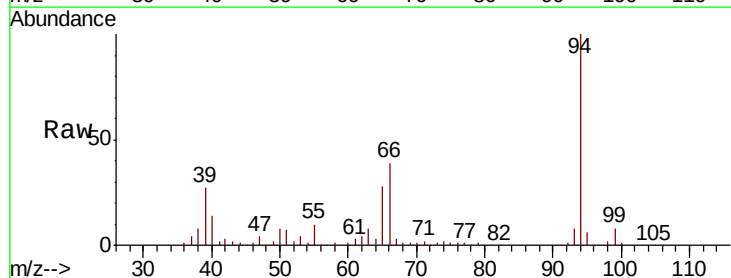
Tgt Ion: 94 Resp: 388910

Ion Ratio Lower Upper

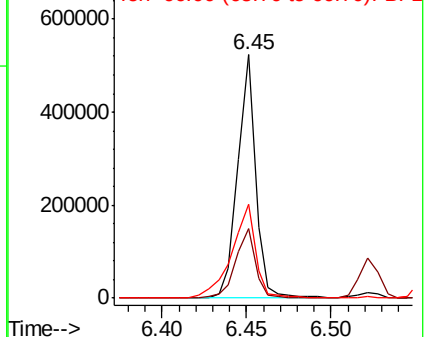
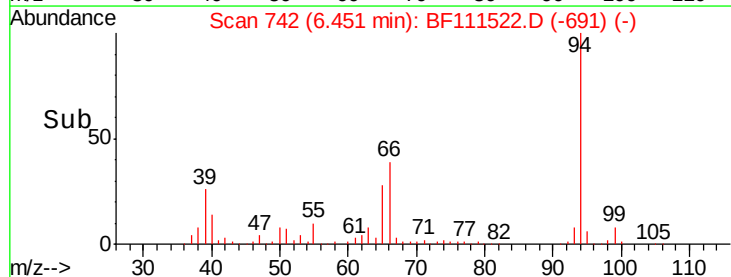
94 100

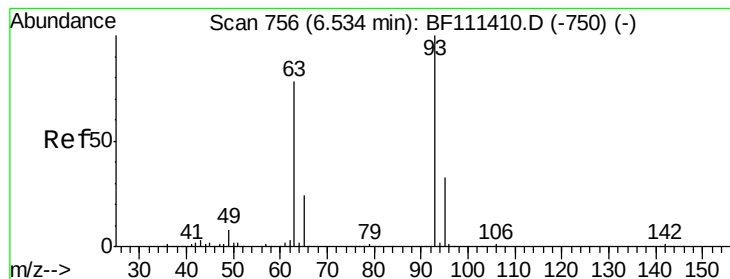
65 28.3 11.7 51.7

66 38.8 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: 28.584 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MS

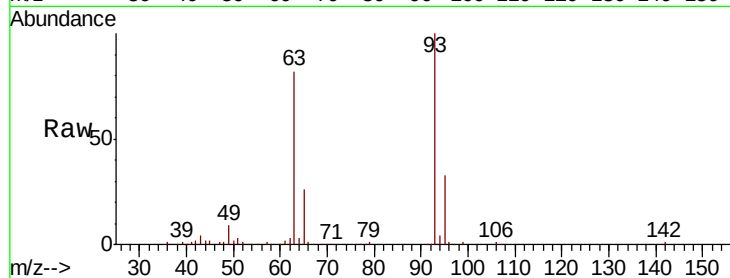
Tot Ion: 93 Resp: 274462

Ion Ratio Lower Upper

93 100

63 82.1 60.0 100.0

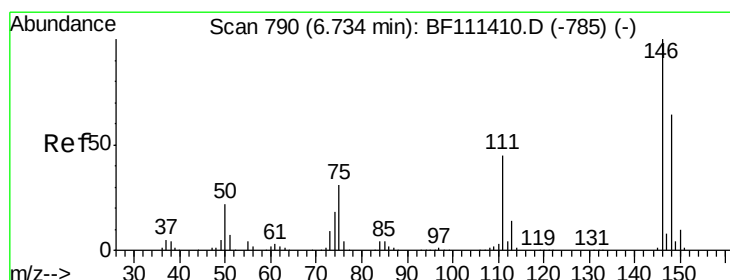
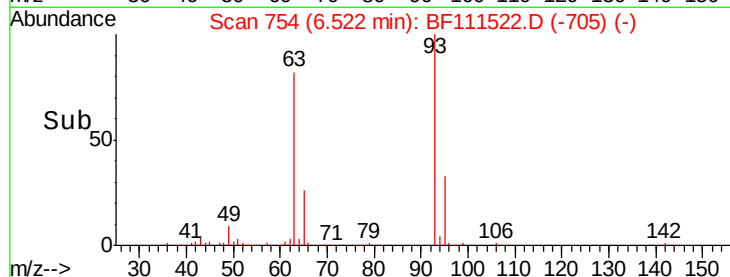
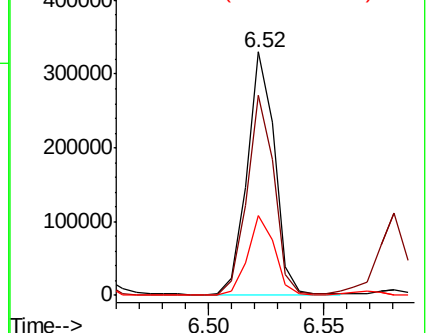
95 32.9 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 28.487 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

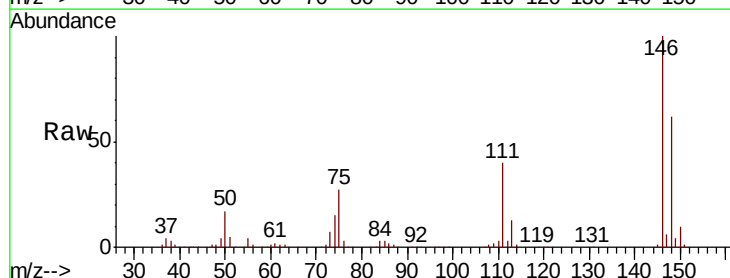
Tgt Ion: 146 Resp: 309720

Ion Ratio Lower Upper

146 100

148 62.0 52.1 78.1

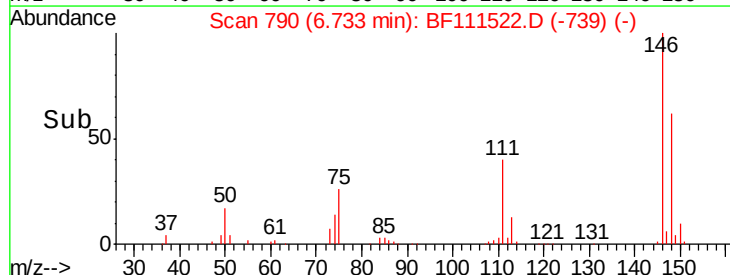
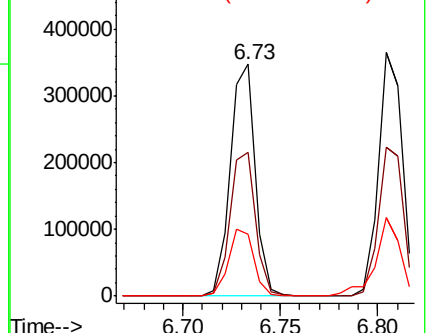
75 26.5 23.9 35.9

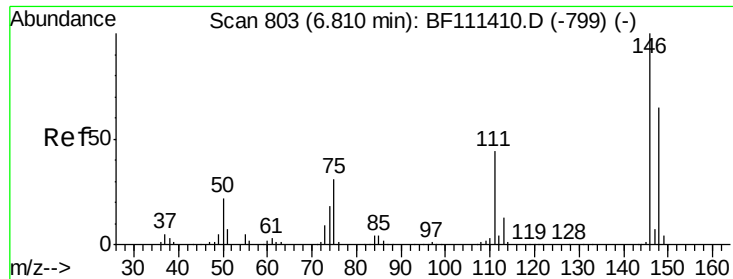


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

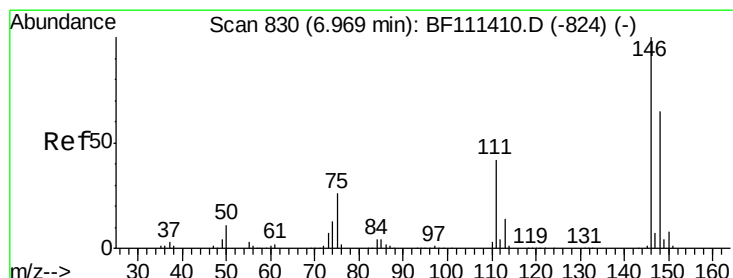
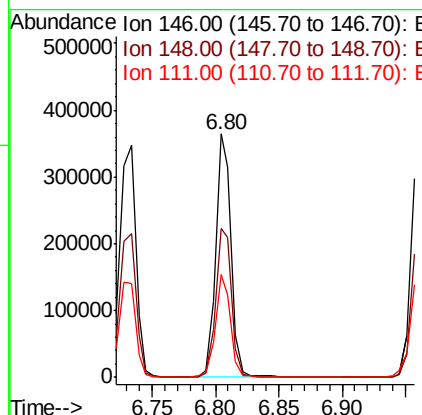
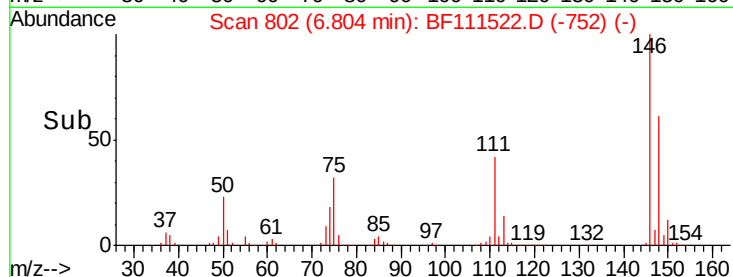
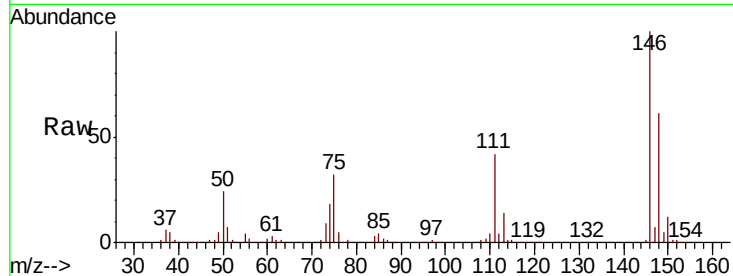




#13
 1,4-Dichlorobenzene
 Concen: 28.422 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

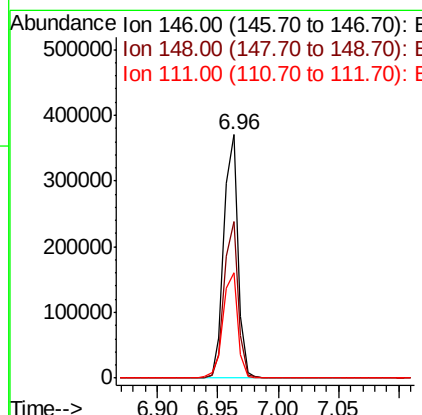
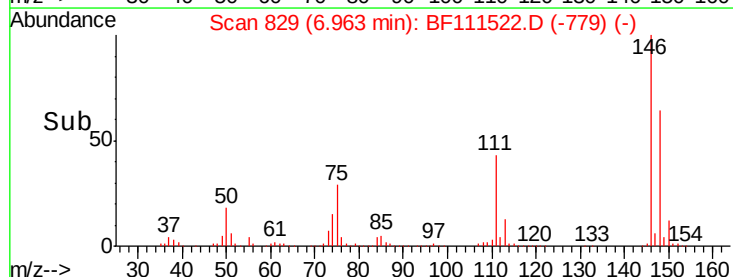
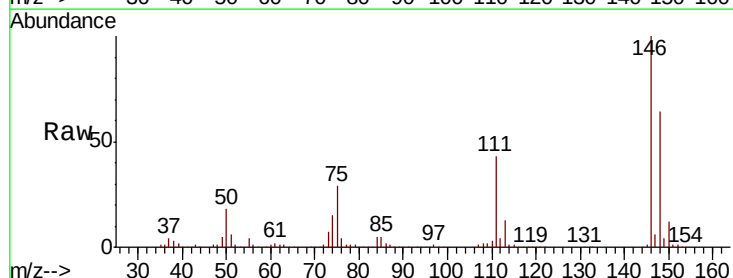
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MS

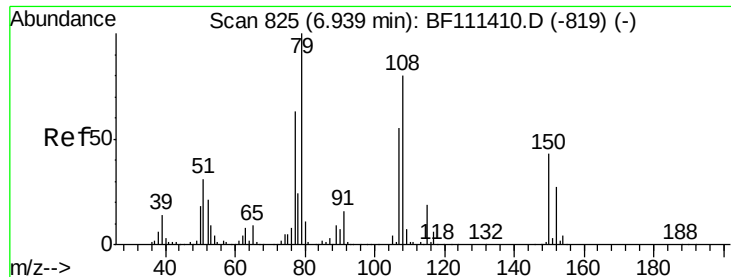
Tot Ion:146 Resp: 313653
 Ion Ratio Lower Upper
 146 100
 148 61.3 52.8 79.2
 111 42.4 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 28.830 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

Tgt Ion:146 Resp: 299310
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 43.3 36.2 54.4

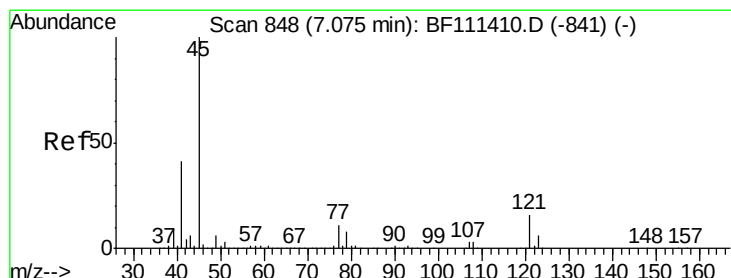
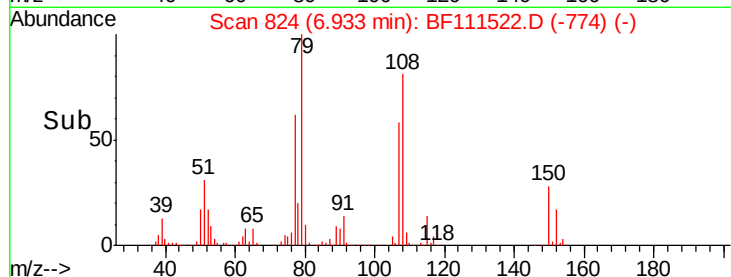
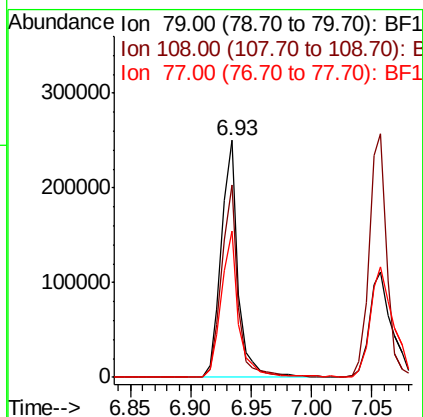
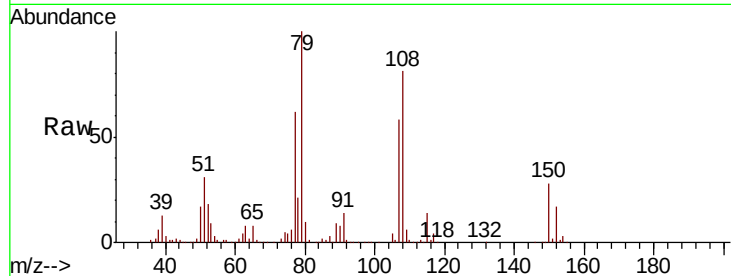




#15
Benzyl Alcohol
Concen: 28.863 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

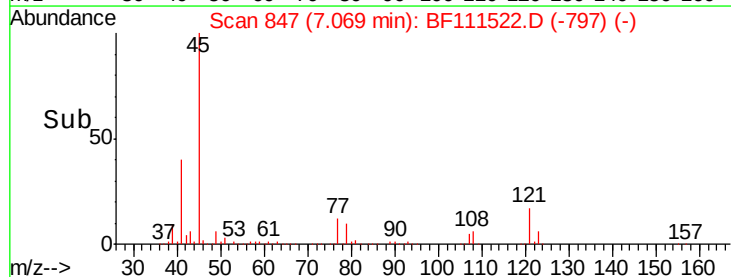
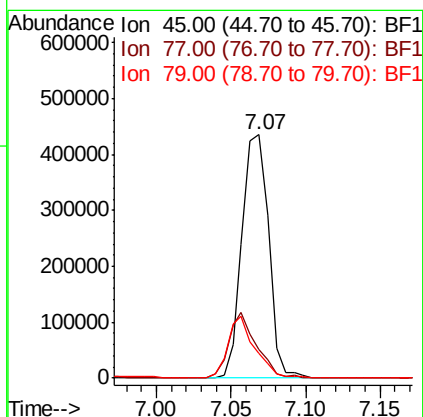
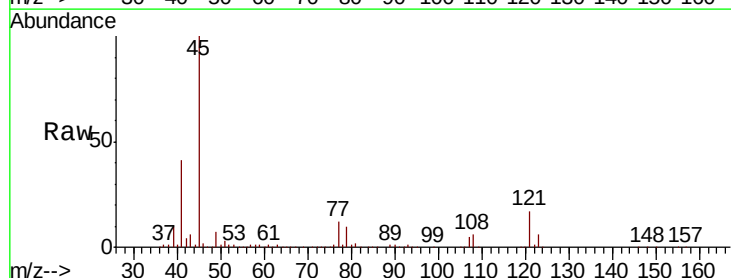
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

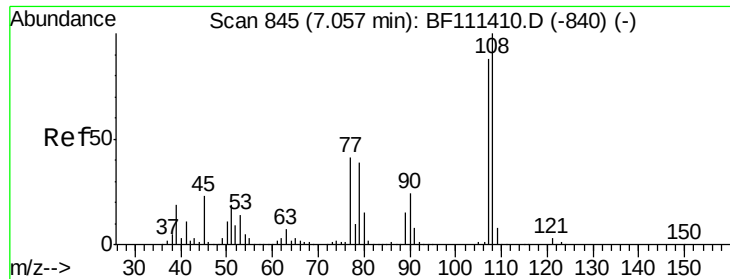
Tot Ion: 79 Resp: 241475
Ion Ratio Lower Upper
79 100
108 81.4 69.4 104.2
77 61.6 49.7 74.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 28.900 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion: 45 Resp: 541802
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.5
79 10.0 0.0 28.9





#17

2-Methylphenol

Concen: 28.990 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MS

Tot Ion:107 Resp: 230436

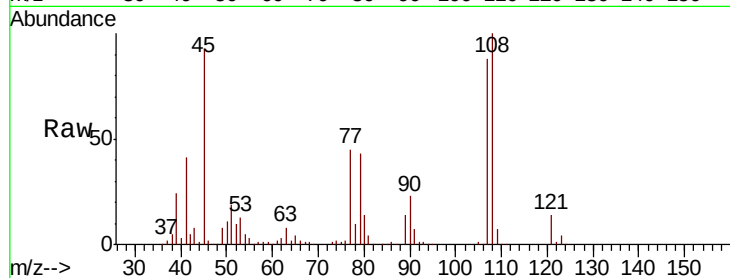
Ion Ratio Lower Upper

107 100

108 113.1 91.0 136.4

77 51.4 33.5 50.3#

79 49.0 33.3 49.9

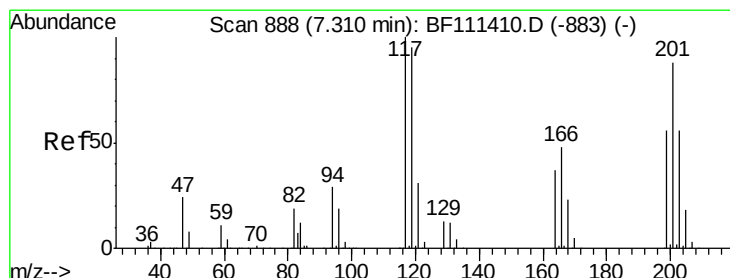
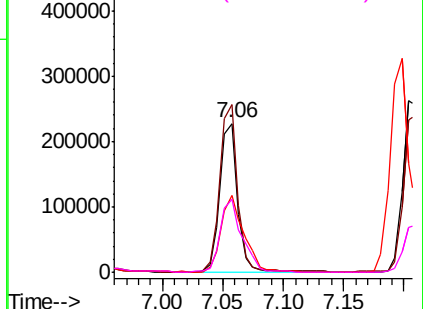
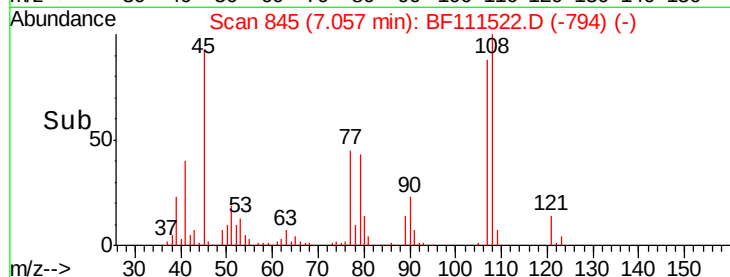


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 24.203 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

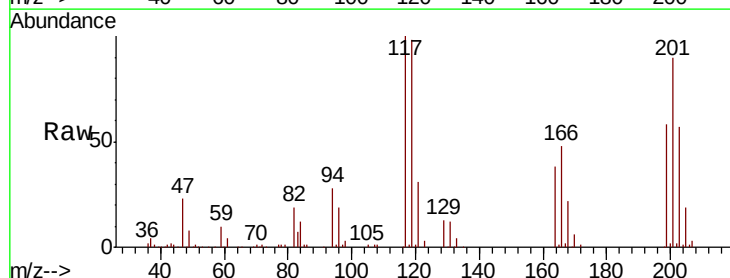
Tgt Ion:117 Resp: 99399

Ion Ratio Lower Upper

117 100

119 98.1 75.4 113.0

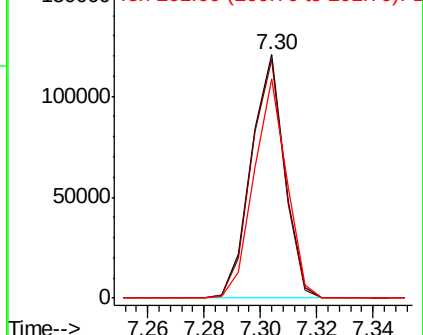
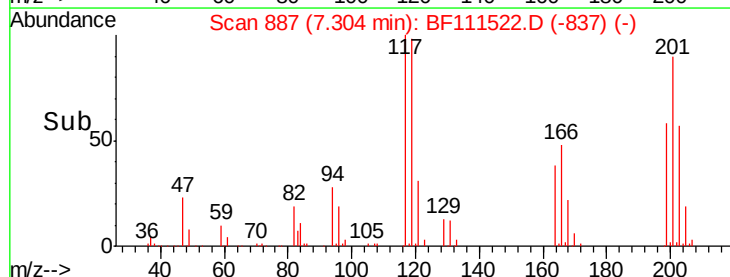
201 90.2 62.4 93.6

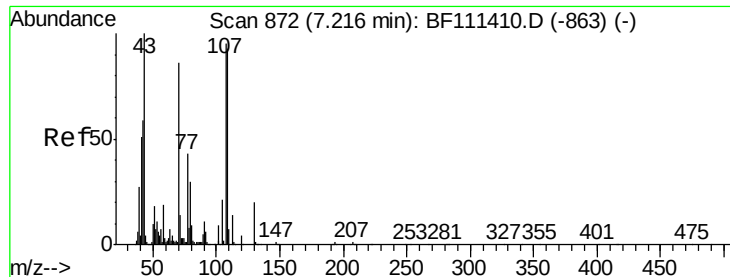


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

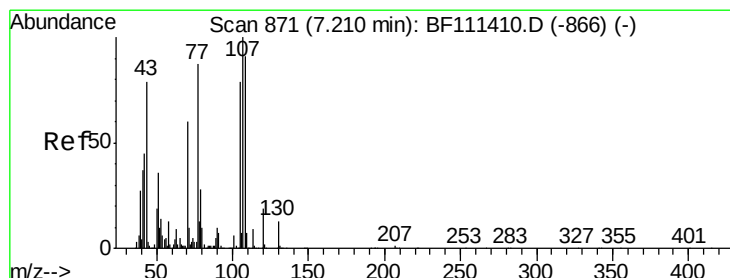
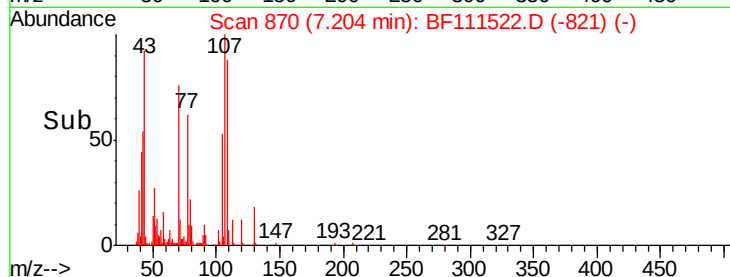
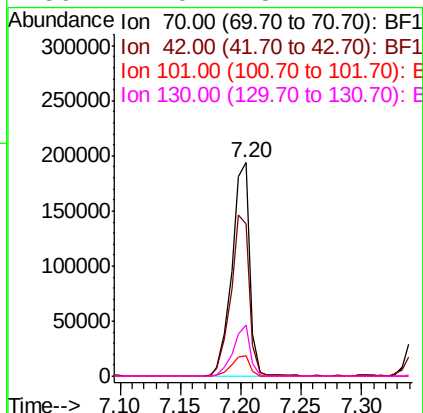
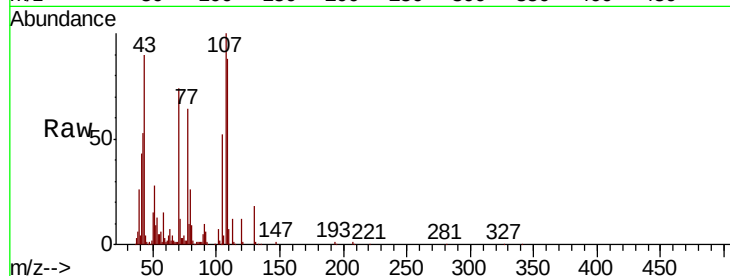




#19
n-Nitroso-di-n-propylamine
Concen: 27.622 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

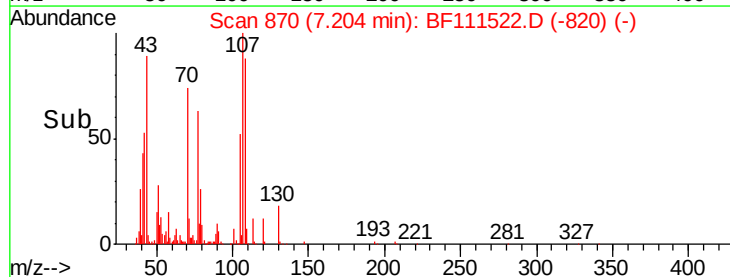
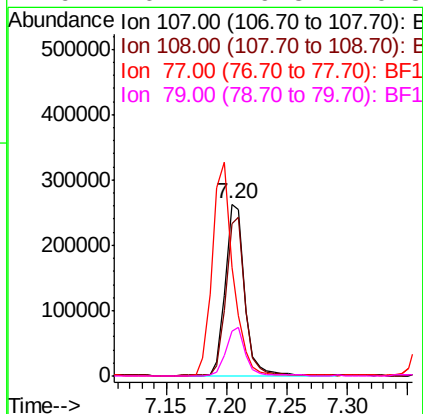
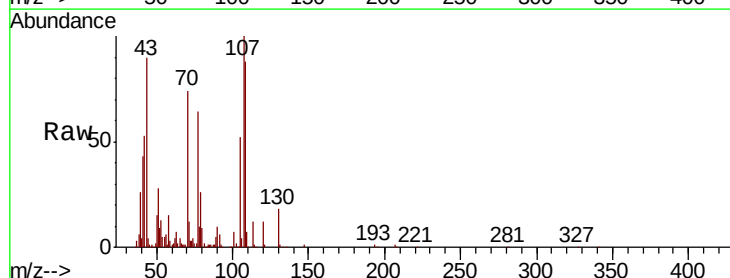
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

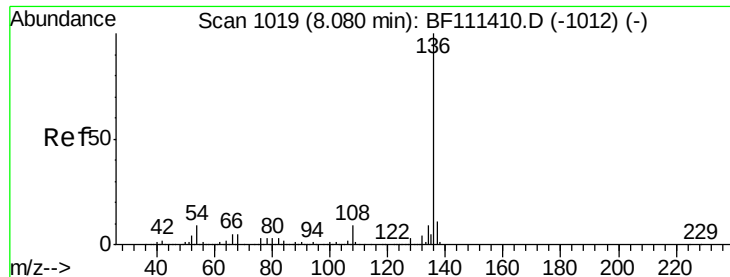
Tot Ion:	70	Resp:	200377
Ion	Ratio	Lower	Upper
70	100		
42	71.5	53.2	79.8
101	9.8	8.2	12.4
130	24.0	18.1	27.1



#20
3+4-Methylphenols
Concen: 29.317 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion:	107	Resp:	292316
Ion	Ratio	Lower	Upper
107	100		
108	88.5	72.1	112.1
77	63.6	94.1	134.1#
79	26.1	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: BF111522.D

Acq: 16 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MS

Tot Ion:136 Resp: 532988

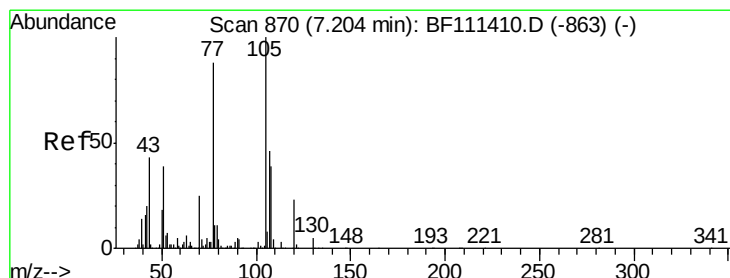
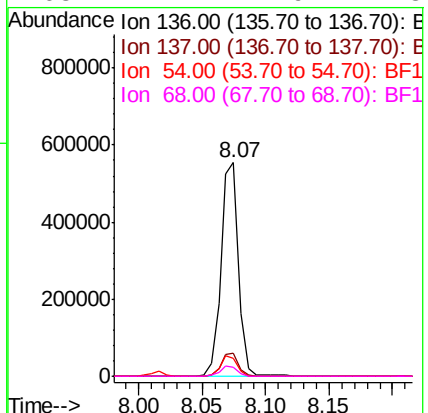
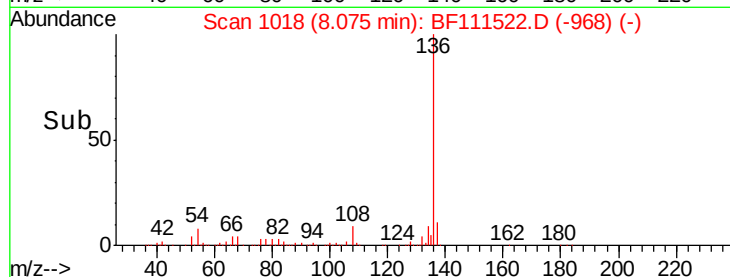
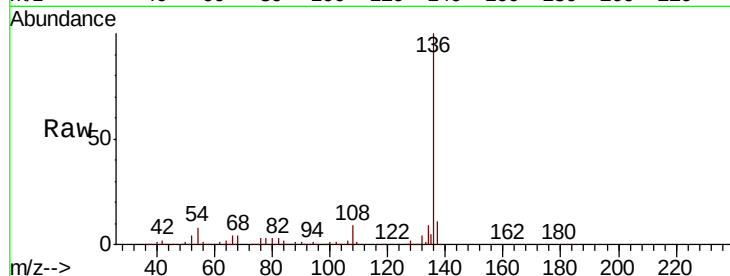
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 8.2 7.7 11.5

68 4.4 4.9 7.3#



#22

Acetophenone

Concen: 34.612 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Tgt Ion:105 Resp: 411815

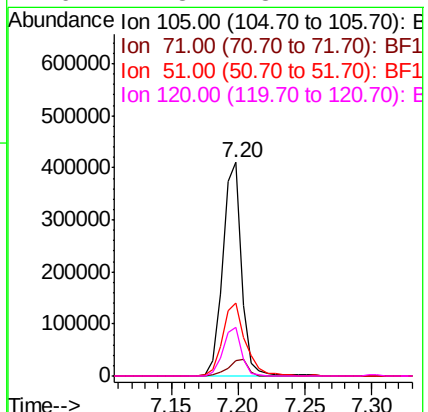
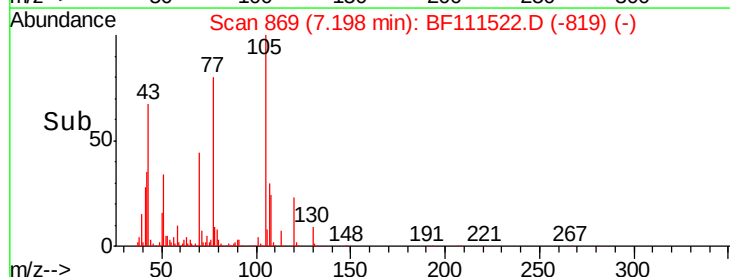
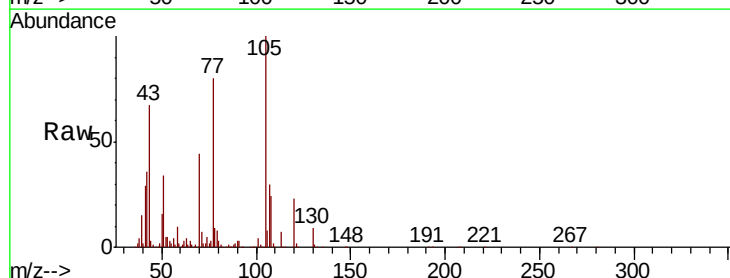
Ion Ratio Lower Upper

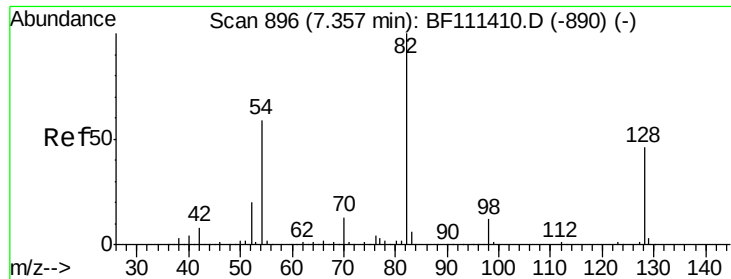
105 100

71 7.2 3.1 4.7#

51 34.2 36.6 54.8#

120 22.8 18.2 27.4

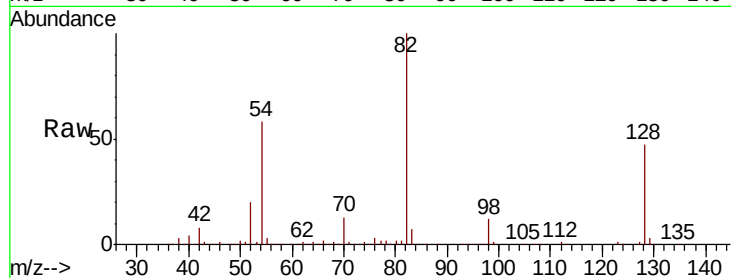




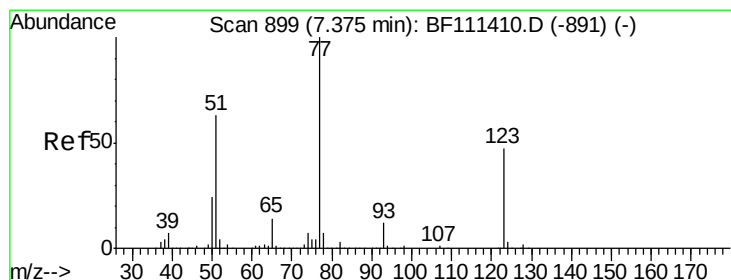
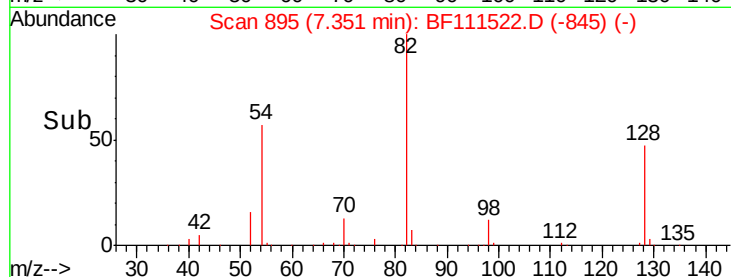
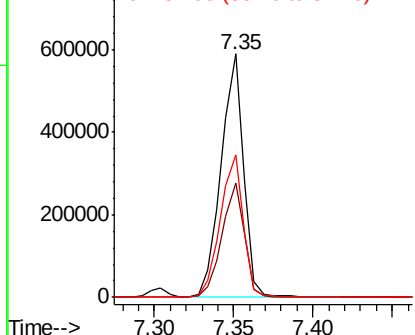
#23
Nitrobenzene-d5
Concen: 64.960 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

Tot Ion	82	Resp	581425
Ion Ratio	Lower	Upper	
82	100		
128	47.0	37.4	56.2
54	58.5	47.6	71.4

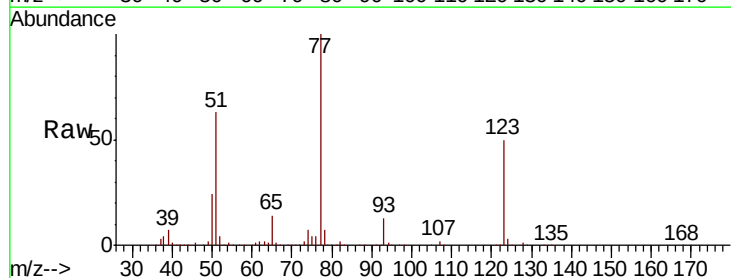


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

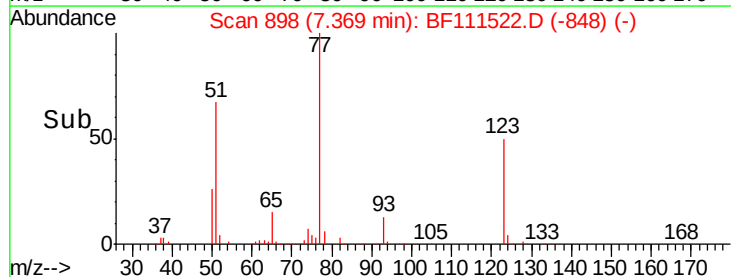
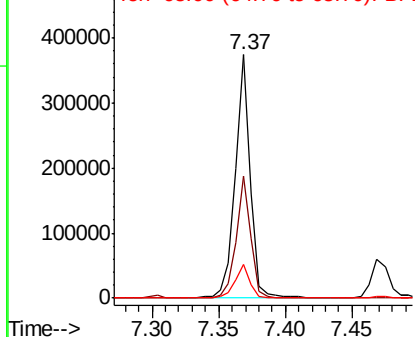


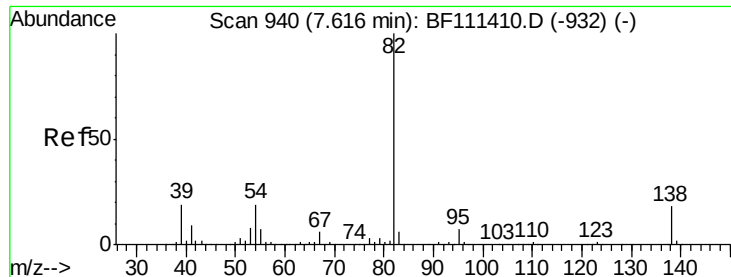
#24
Nitrobenzene
Concen: 32.096 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion	77	Resp	293048
Ion Ratio	Lower	Upper	
77	100		
123	49.9	37.2	55.8
65	14.0	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

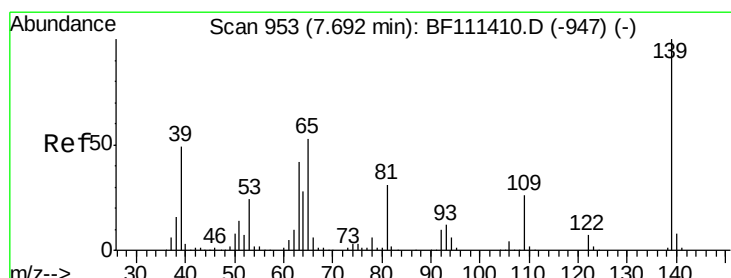
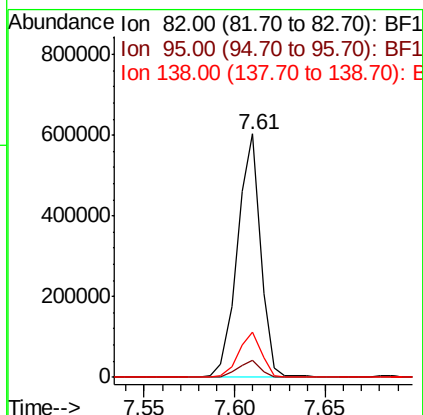
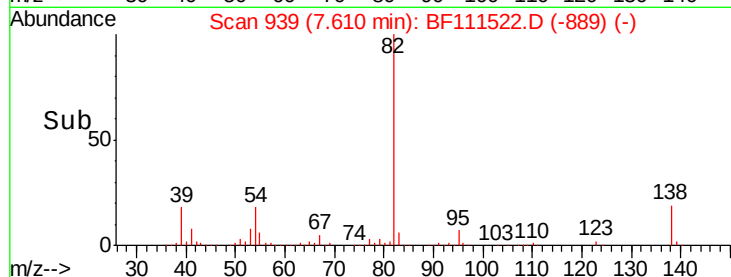
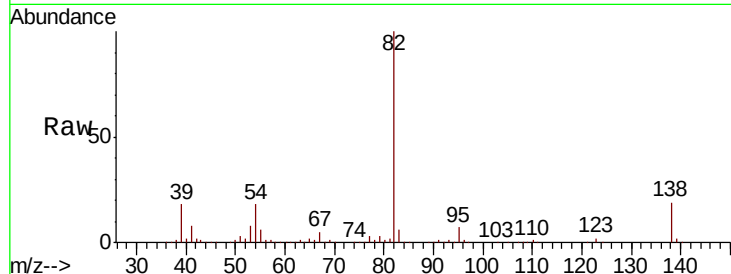




#25
Isophorone
Concen: 35.366 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

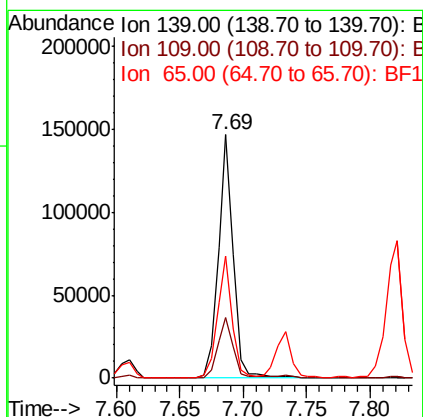
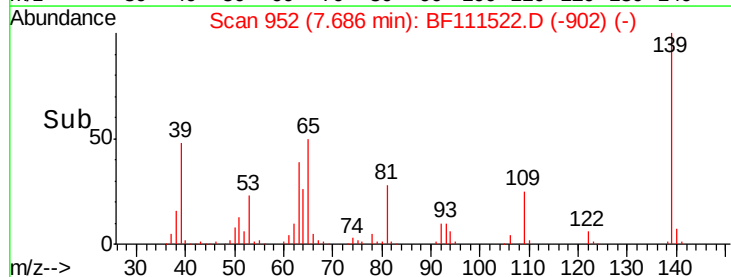
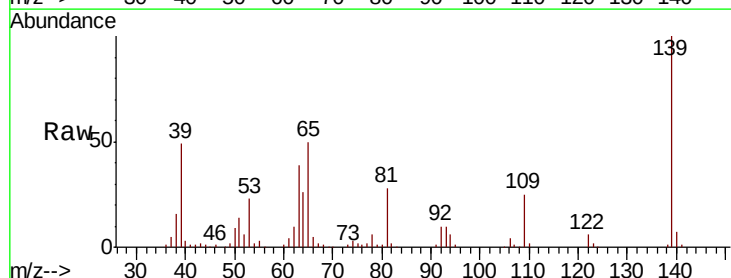
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

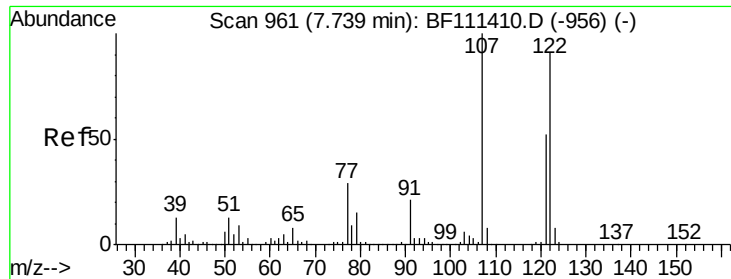
Tot Ion: 82 Resp: 535599
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 18.6 15.1 22.7



#26
2-Nitrophenol
Concen: 25.770 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion: 139 Resp: 122023
Ion Ratio Lower Upper
139 100
109 24.8 20.2 30.4
65 50.0 40.7 61.1

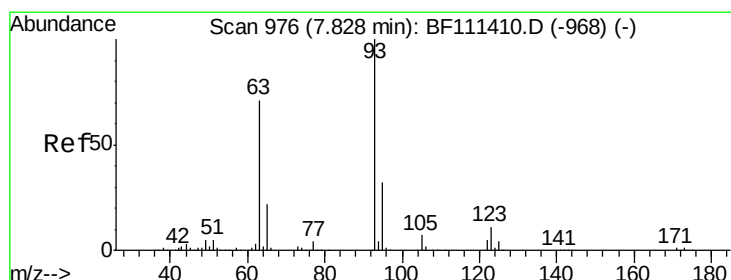
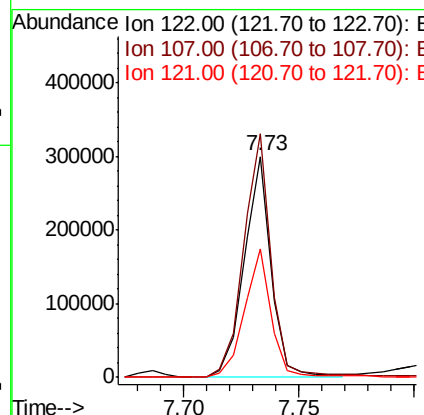
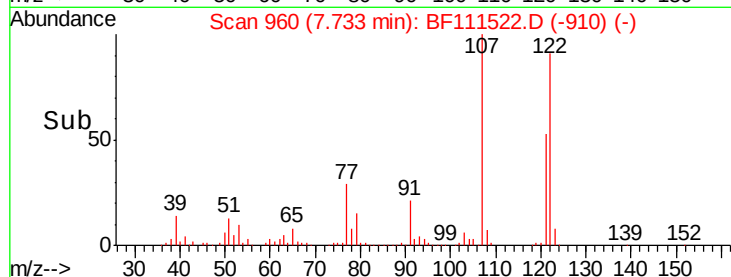
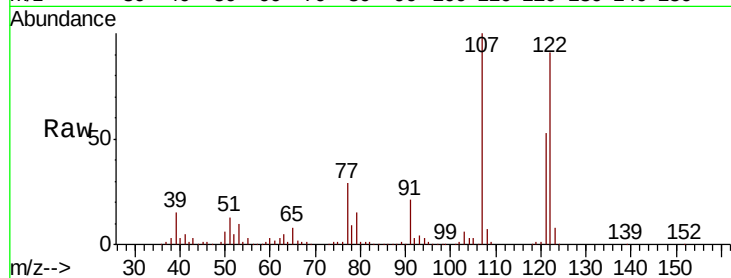




#27
 2,4-Dimethylphenol
 Concen: 35.666 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

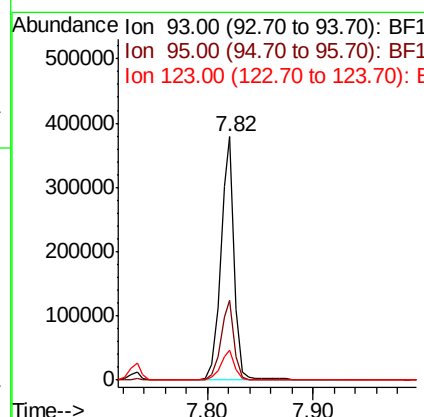
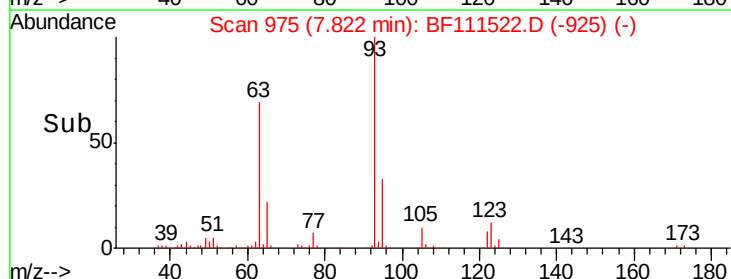
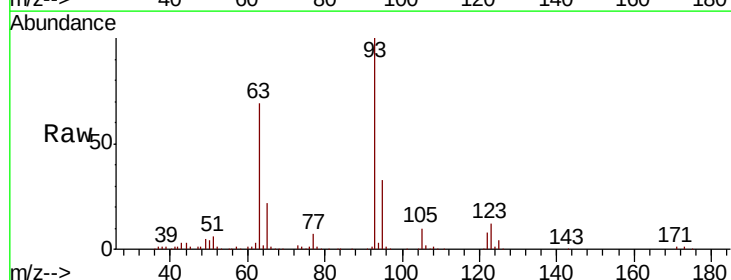
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MS

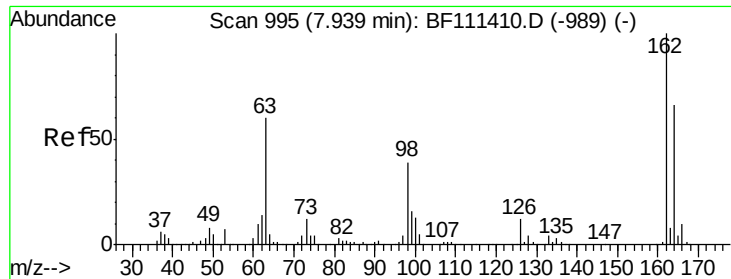
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	85.5	128.3
121	58.3	46.6	70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.907 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.1	40.7
123	12.0	9.9	14.9

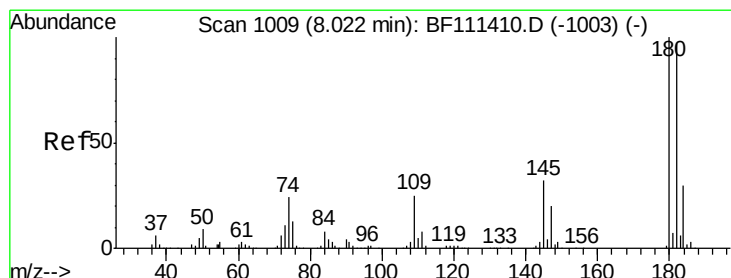
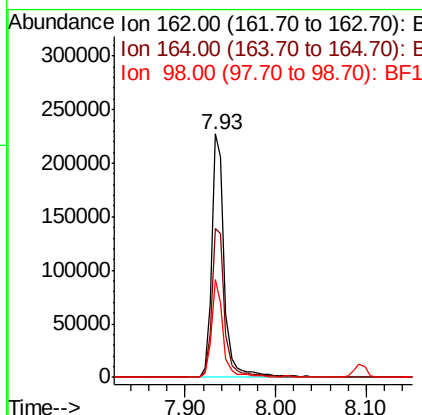
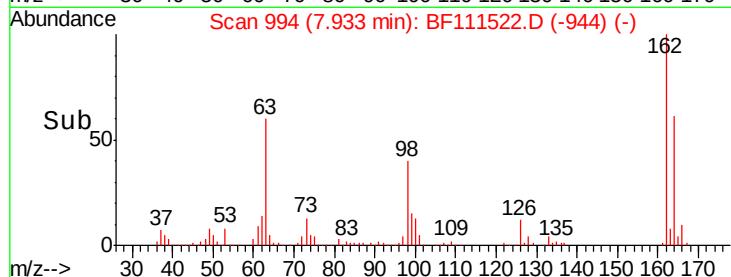
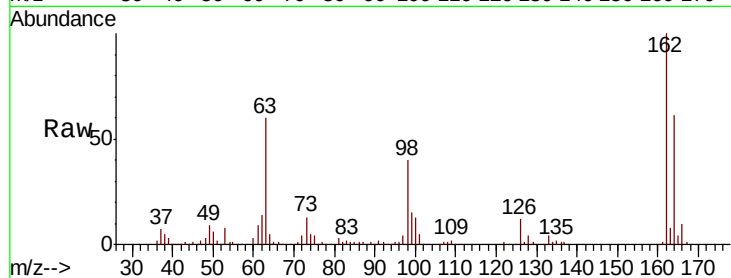




#29
2,4-Dichlorophenol
Concen: 30.433 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

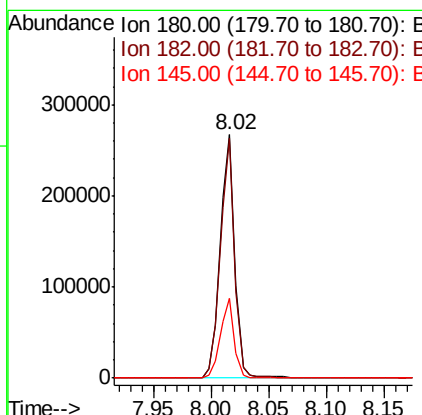
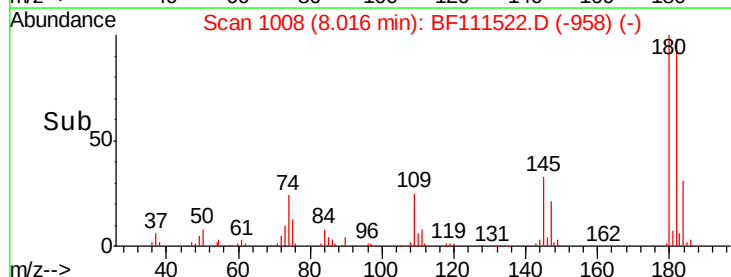
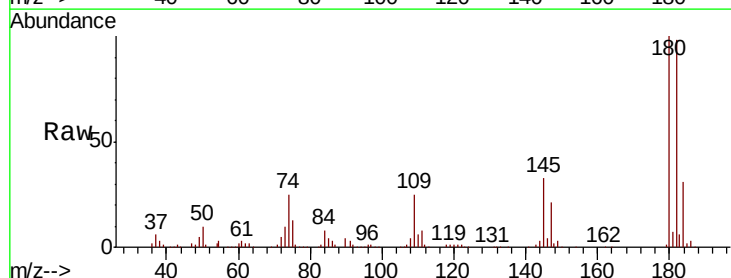
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

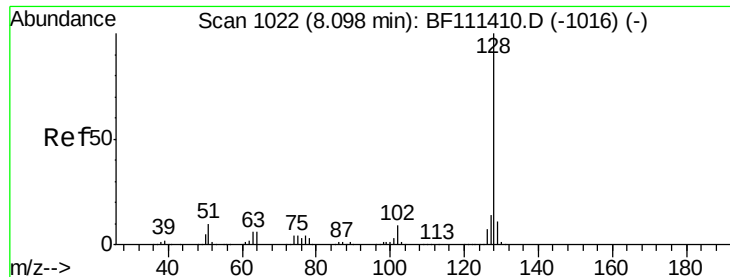
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	44.4	84.4
98	40.2	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 30.459 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	75.6	113.4
145	32.6	26.7	40.1

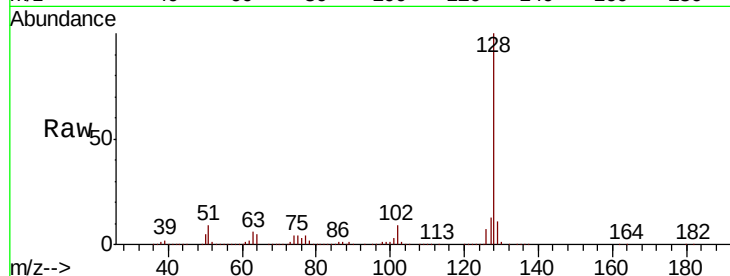




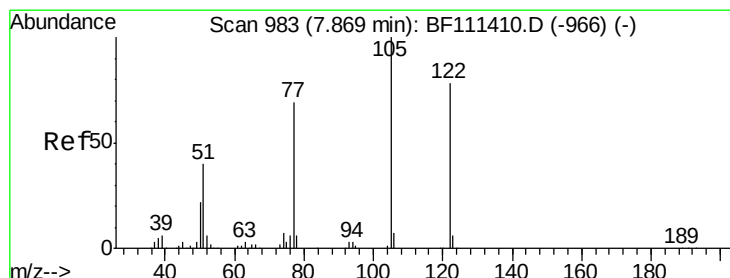
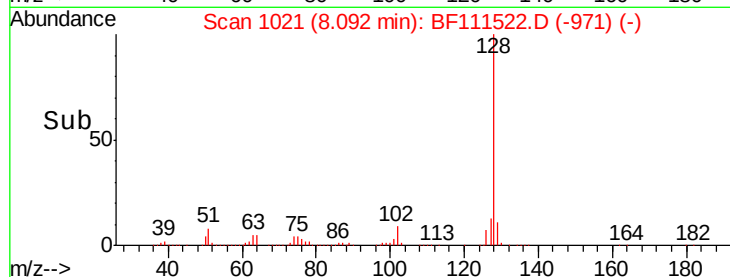
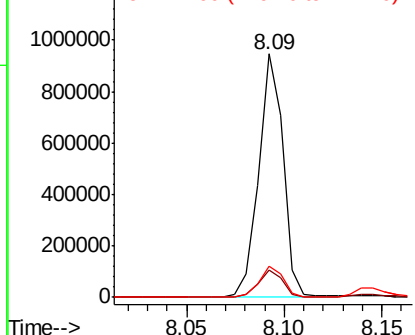
#31
Naphthalene
Concen: 32.995 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

Tot Ion:128 Resp: 822530
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.8
127 13.0 12.0 18.0

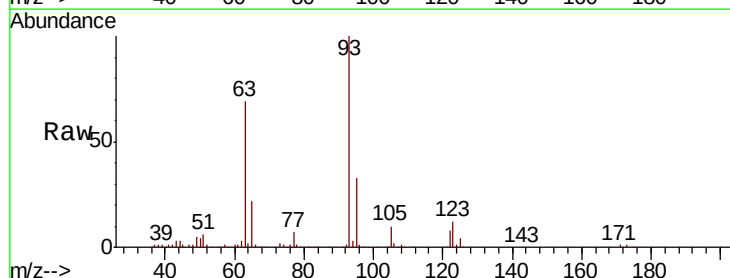


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

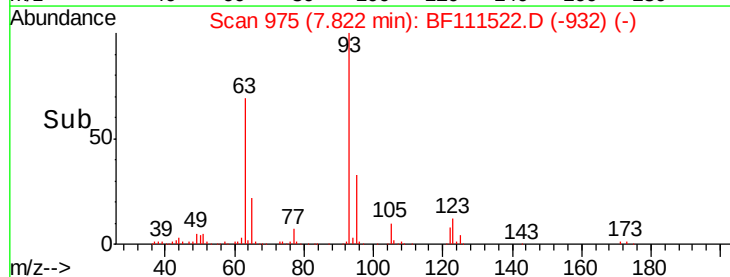
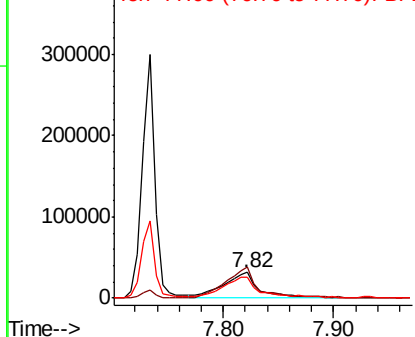


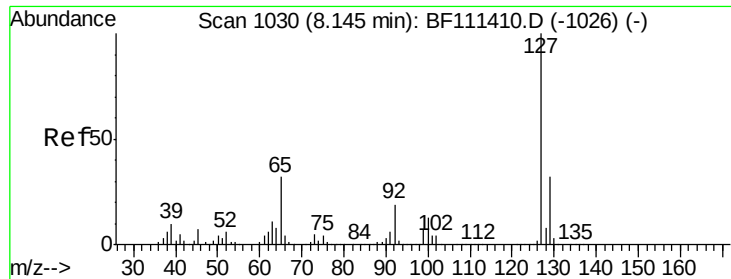
#32
Benzoic acid
Concen: 11.326 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.05 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion:122 Resp: 67186
Ion Ratio Lower Upper
122 100
105 119.6 97.0 137.0
77 82.9 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

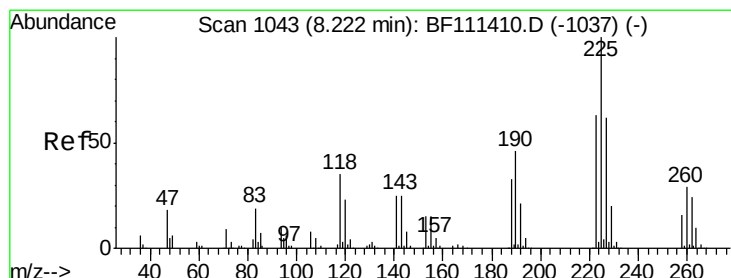
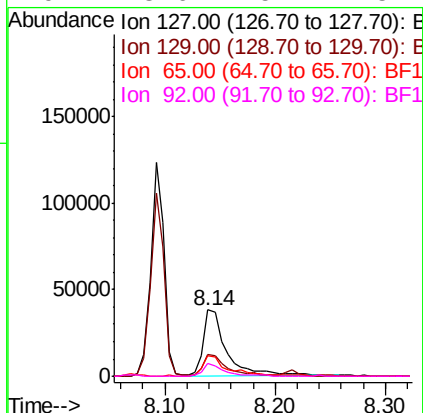
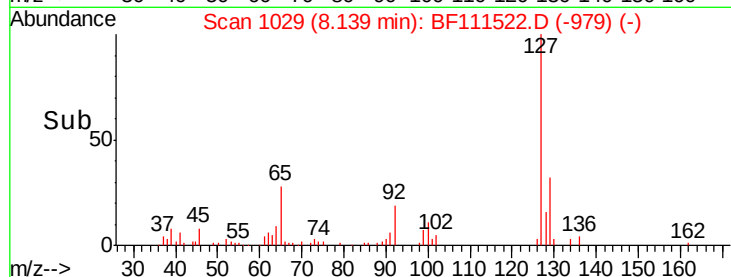
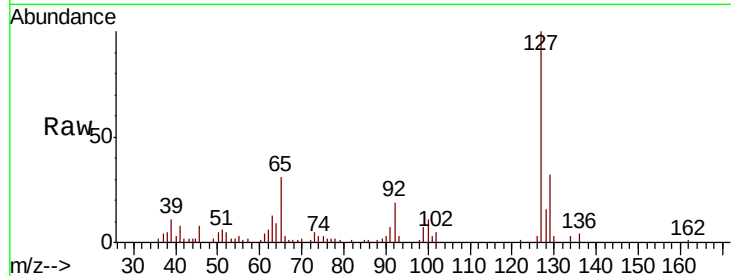




#33
4-Chloroaniline
Concen: 4.885 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

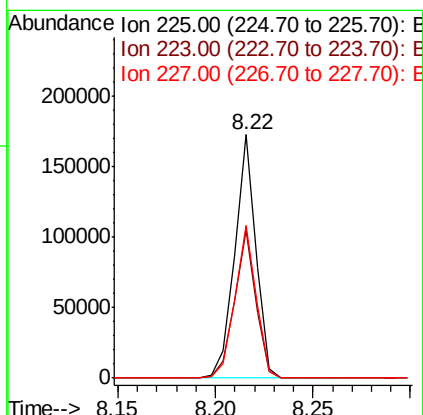
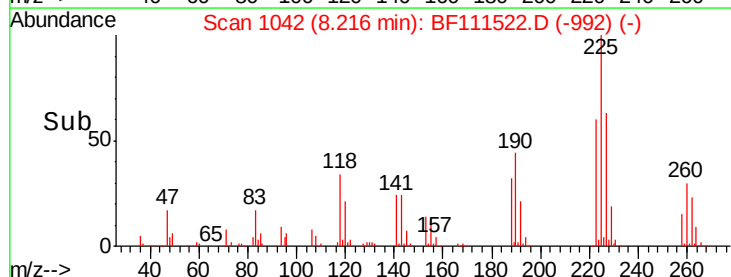
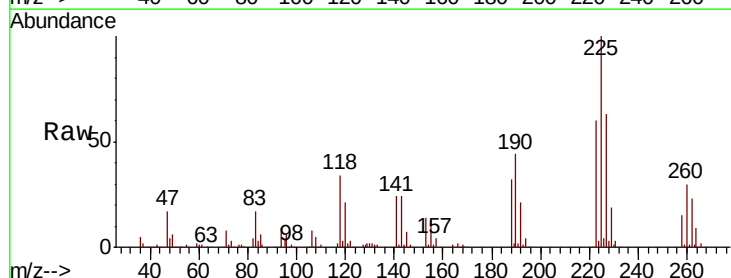
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

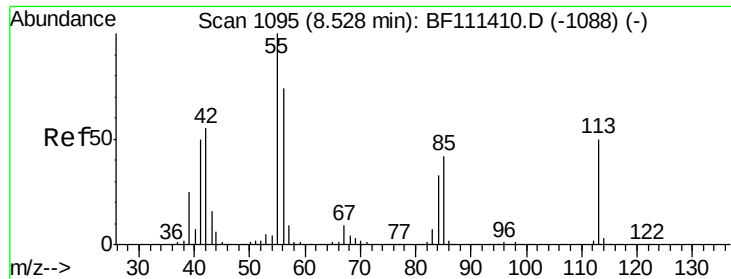
Tot Ion:	127	Resp:	54151
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	39.8
65	30.6	25.7	38.5
92	18.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 30.724 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion:	225	Resp:	129849
Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.7	76.1
227	62.7	52.6	78.8

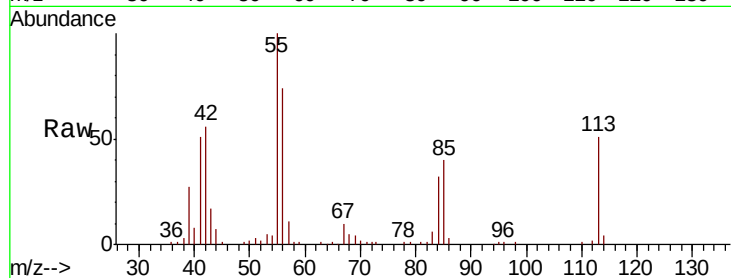




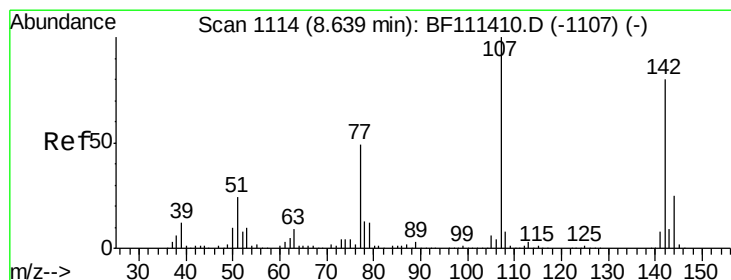
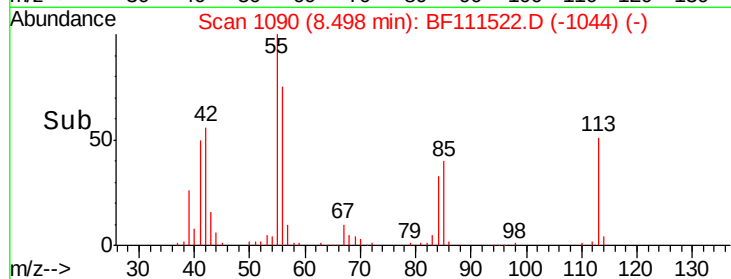
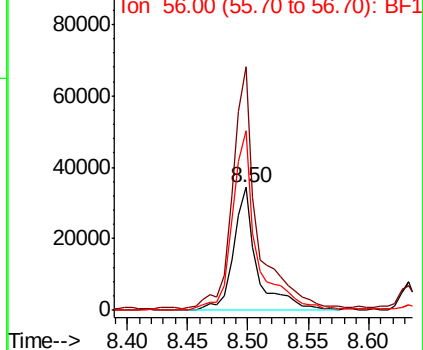
#35
Caprolactam
Concen: 17.280 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

Tot Ion:113 Resp: 47014
Ion Ratio Lower Upper
113 100
55 197.8 184.1 224.1
56 146.3 126.0 166.0

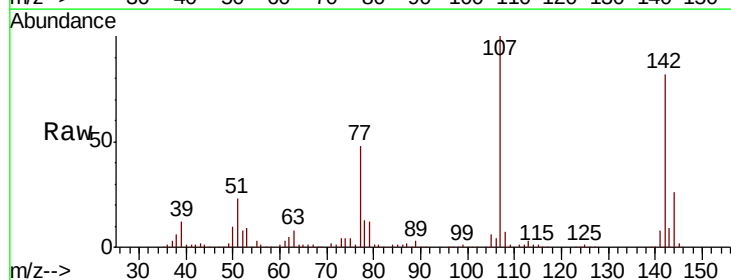


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

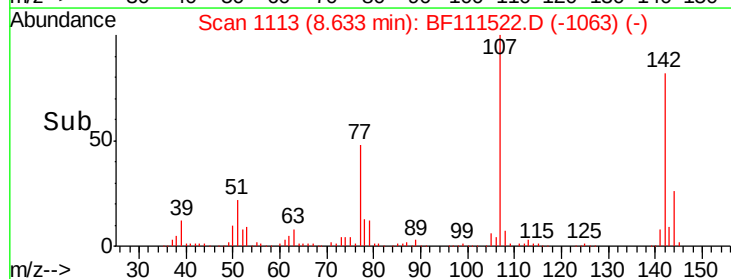
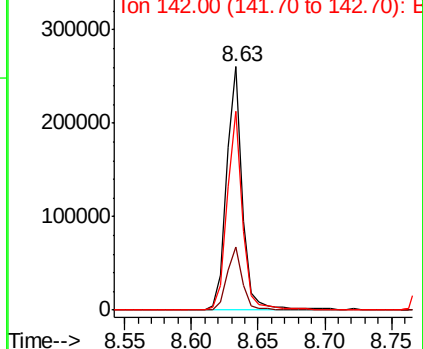


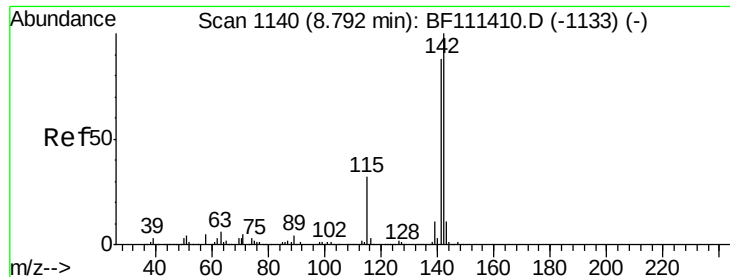
#36
4-Chloro-3-methylphenol
Concen: 27.074 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion:107 Resp: 218381
Ion Ratio Lower Upper
107 100
144 26.2 19.8 29.6
142 81.5 62.3 93.5



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

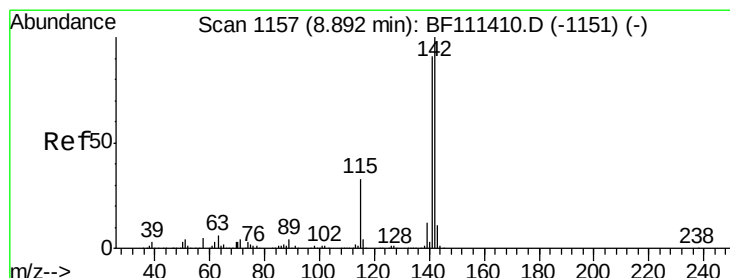
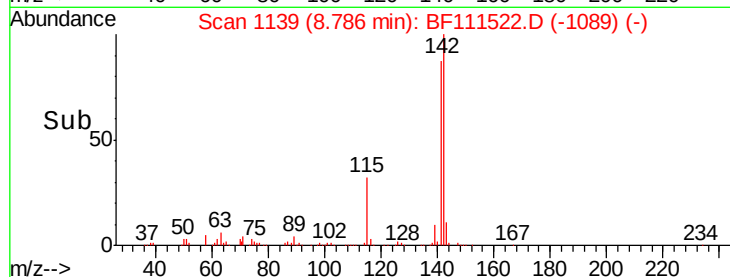
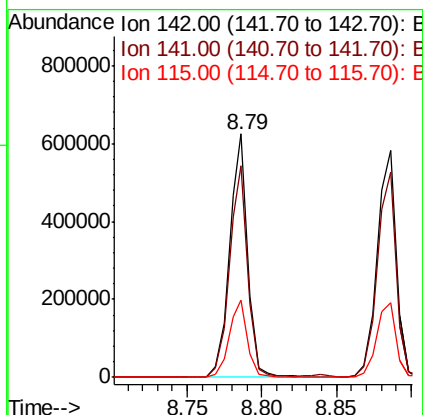
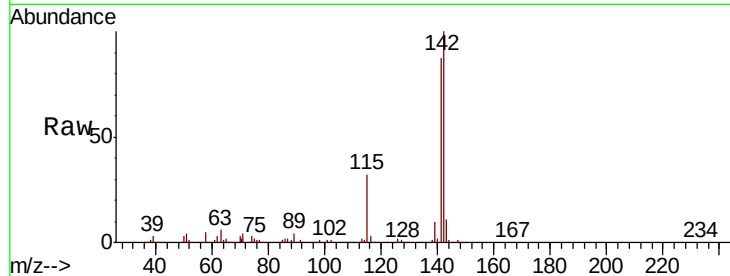




#37
2-Methylnaphthalene
Concen: 31.787 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

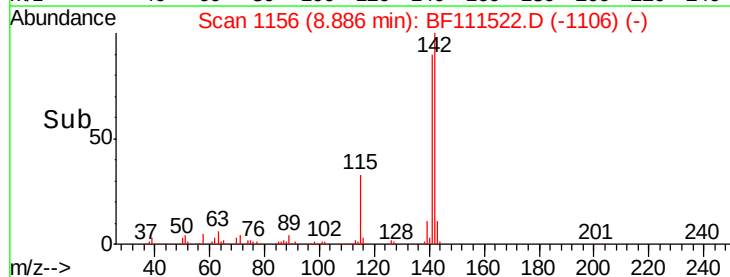
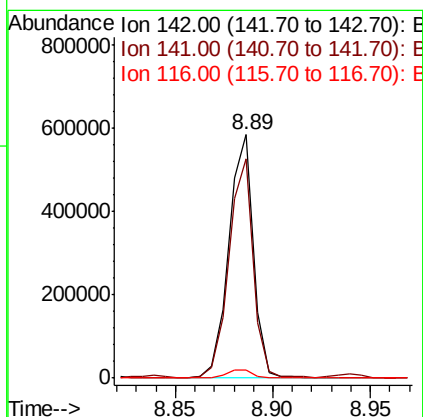
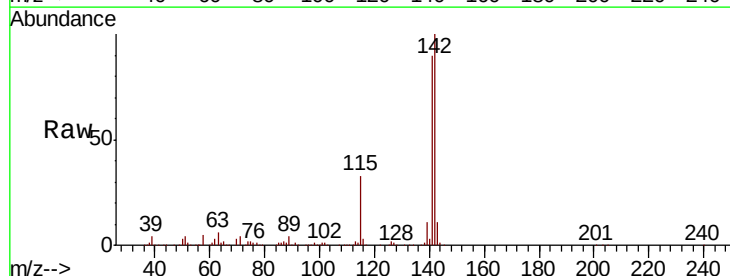
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

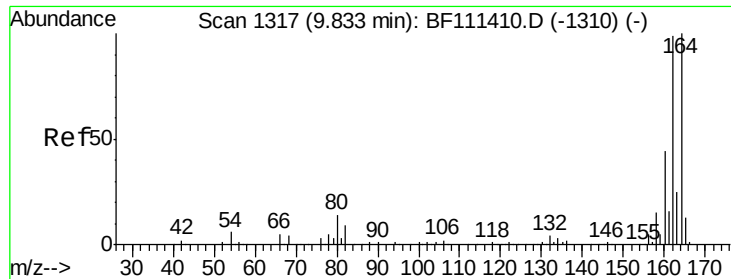
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.6	105.8
115	31.9	27.0	40.6



#38
1-Methylnaphthalene
Concen: 31.019 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	74.2	111.4
116	3.4	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MS

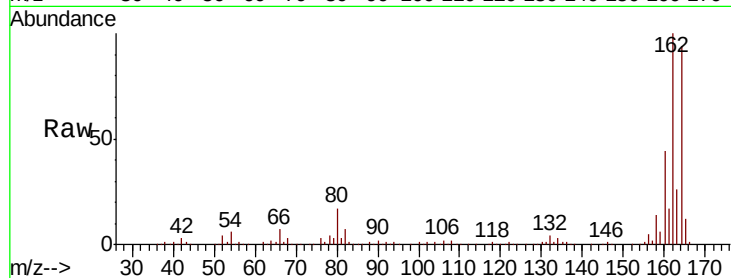
Tot Ion:164 Resp: 213074

Ion Ratio Lower Upper

164 100

162 106.4 81.4 122.0

160 46.3 35.7 53.5

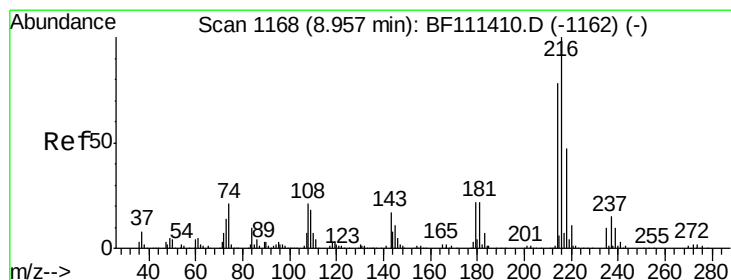
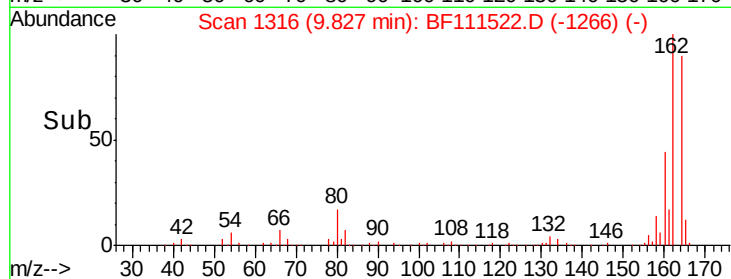
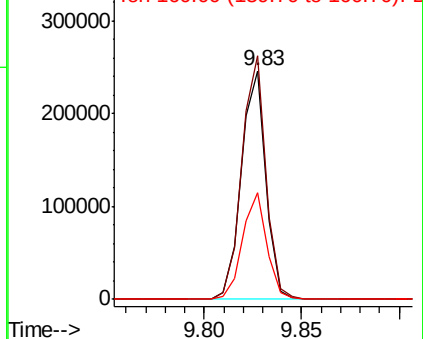


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.044 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Tgt Ion:216 Resp: 204772

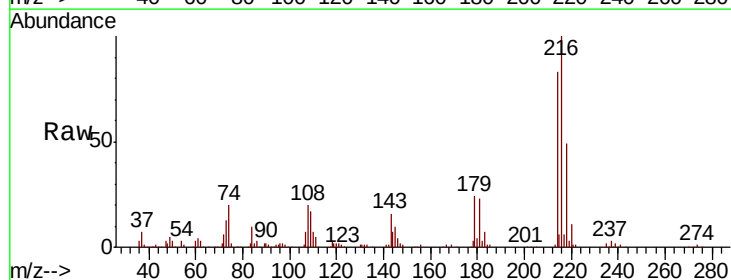
Ion Ratio Lower Upper

216 100

214 80.5 63.8 95.8

179 22.5 17.9 26.9

108 19.5 18.4 27.6



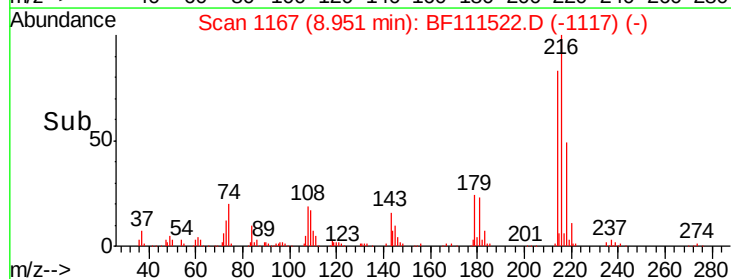
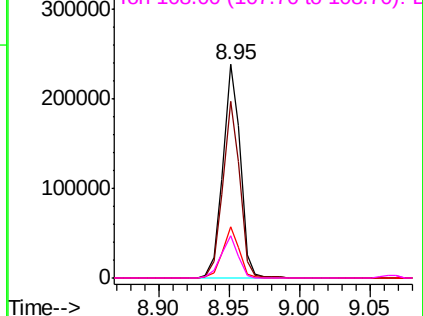
Abundance

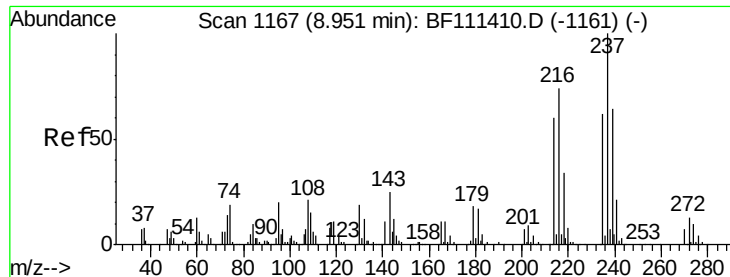
Ion 216.00 (215.70 to 216.70): E

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: 18.694 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MS

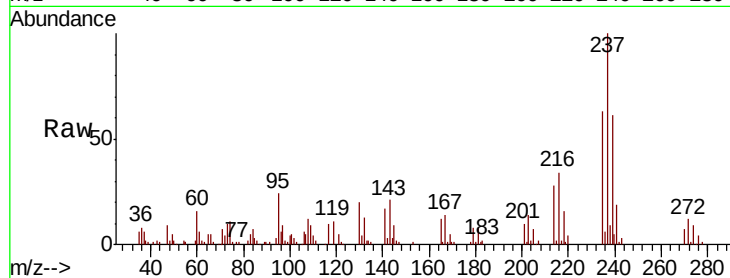
Tot Ion:237 Resp: 56084

Ion Ratio Lower Upper

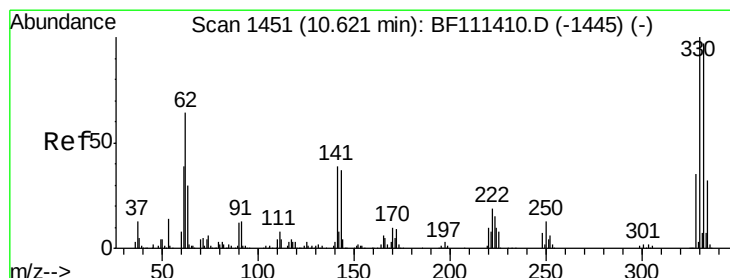
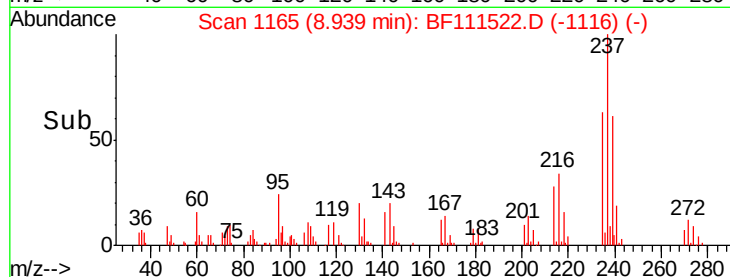
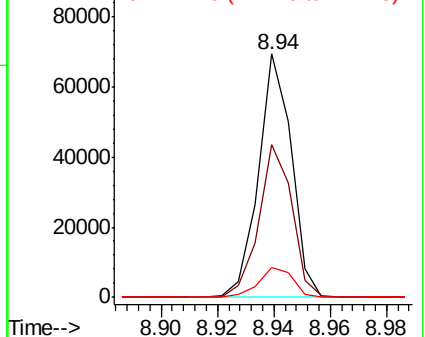
237 100

235 62.7 43.1 83.1

272 12.2 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: 73.285 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

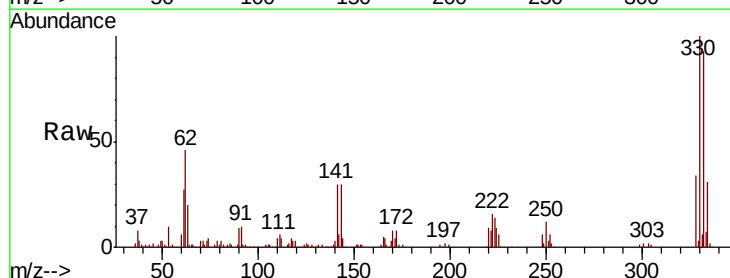
Tgt Ion:330 Resp: 139878

Ion Ratio Lower Upper

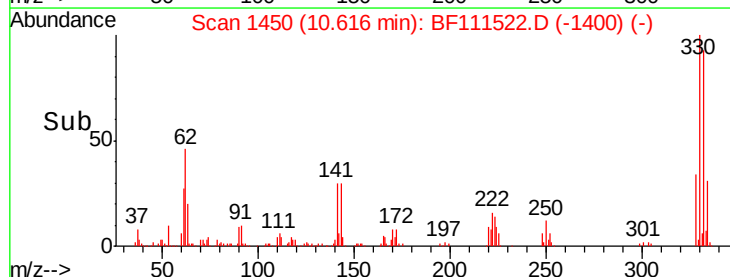
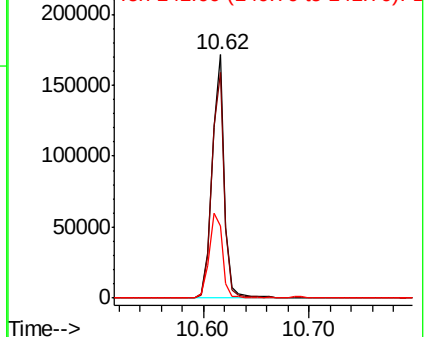
330 100

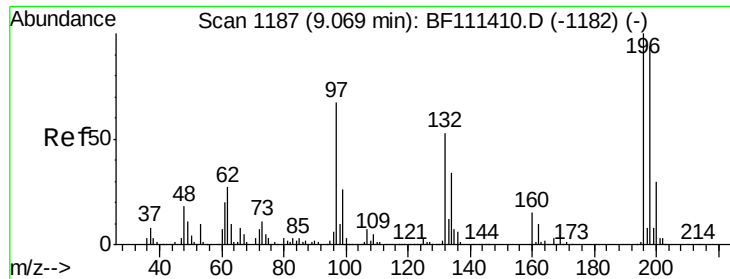
332 94.6 76.0 114.0

141 38.3 31.0 46.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

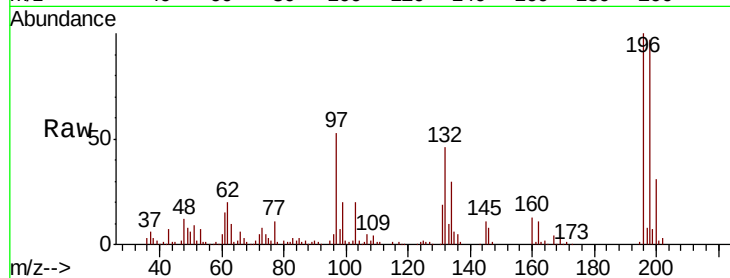




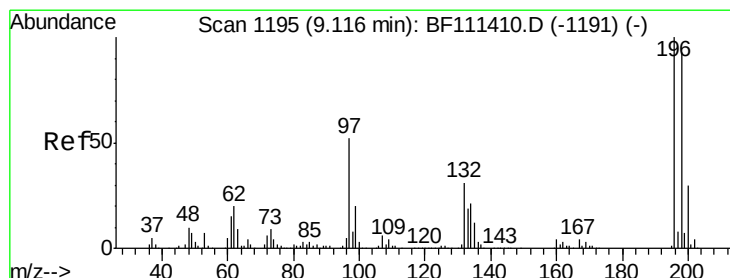
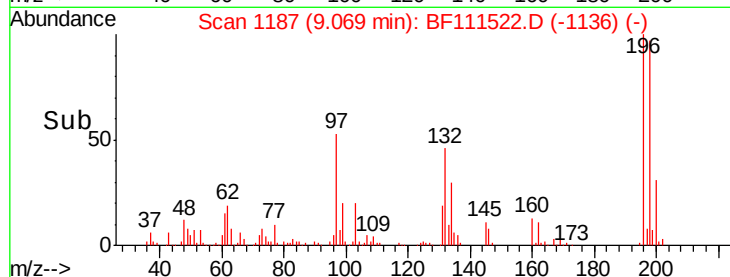
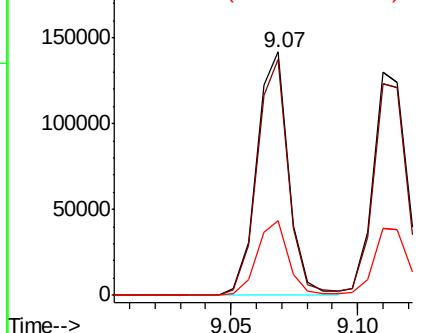
#43
 2,4,6-Trichlorophenol
 Concen: 30.043 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MS

Tot Ion:196	Resp:	124249
Ion Ratio	Lower	Upper
196	100	
198	97.0	76.3 114.5
200	30.7	24.9 37.3

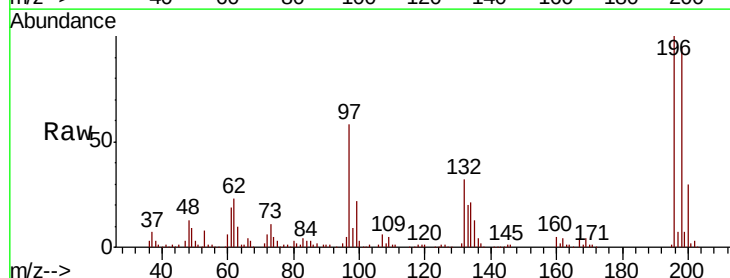


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

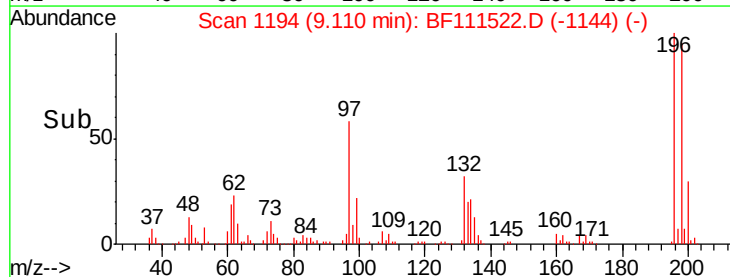
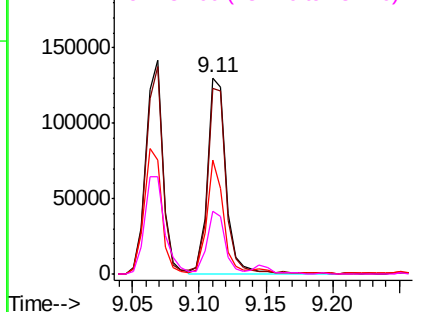


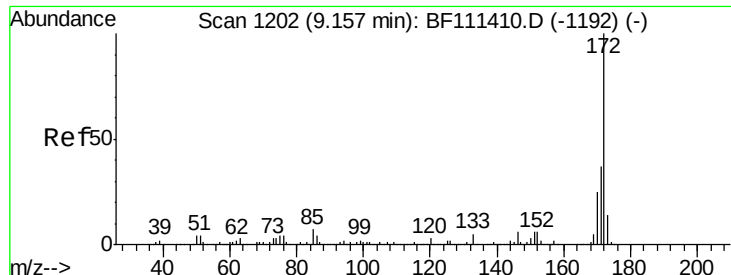
#44
 2,4,5-Trichlorophenol
 Concen: 28.966 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

Tgt Ion:196	Resp:	127477
Ion Ratio	Lower	Upper
196	100	
198	95.0	72.9 109.3
97	57.8	45.3 67.9
132	32.1	25.5 38.3



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

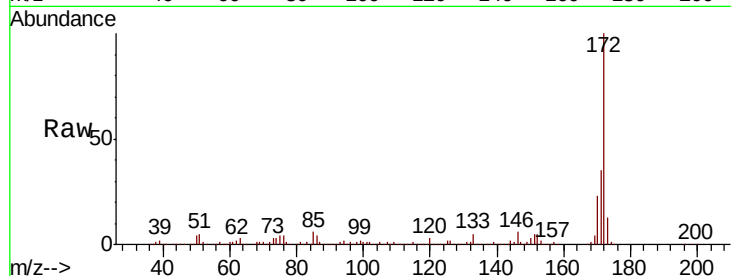




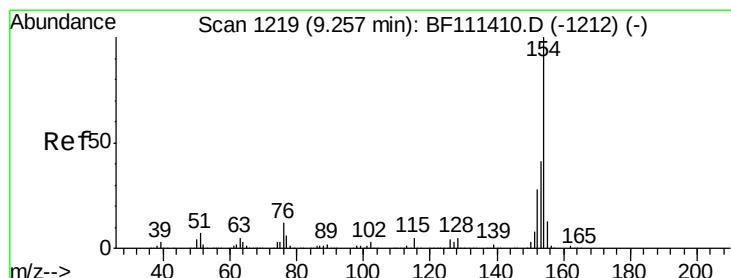
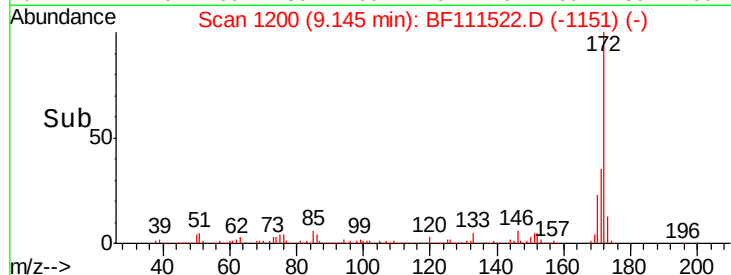
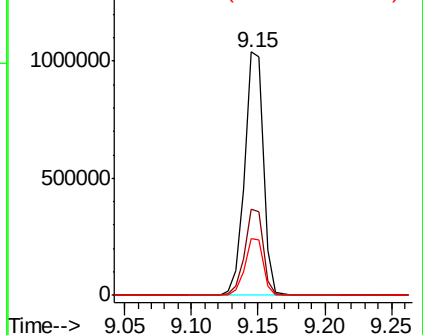
#45
2-Fluorobiphenyl
Concen: 73.229 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

Tot Ion:172 Resp: 1010157
Ion Ratio Lower Upper
172 100
171 35.5 33.0 49.4
170 23.4 22.3 33.5

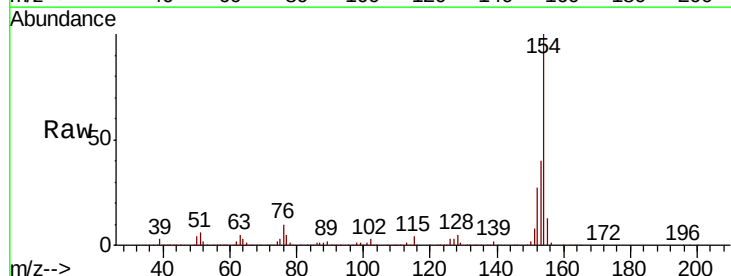


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

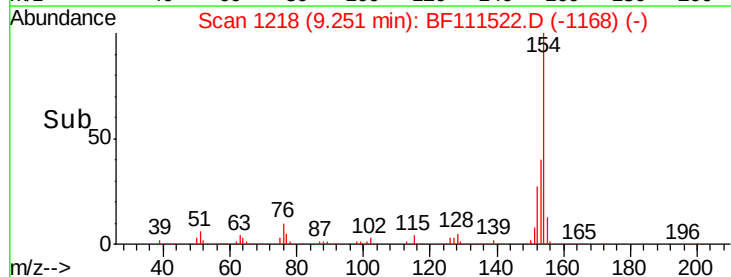
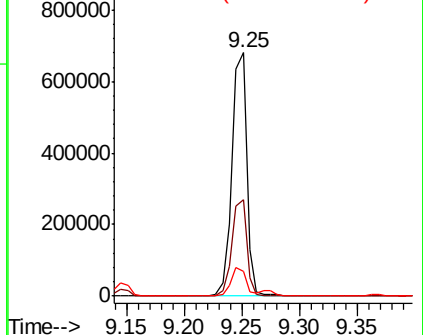


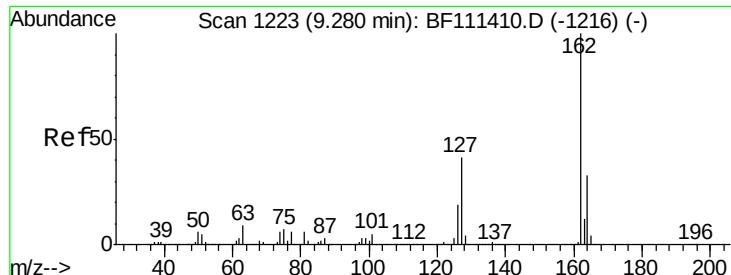
#46
1,1'-Biphenyl
Concen: 33.793 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion:154 Resp: 610107
Ion Ratio Lower Upper
154 100
153 39.6 23.7 63.7
76 9.9 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

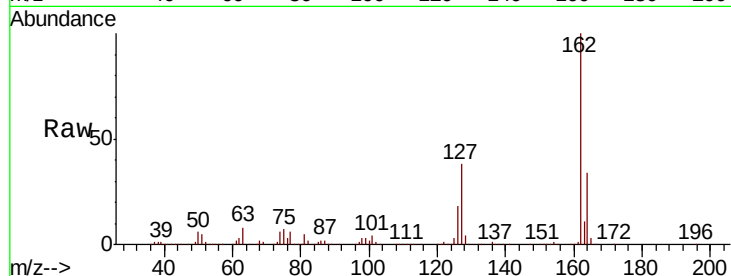




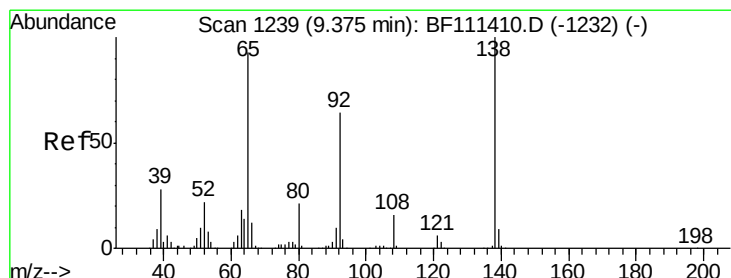
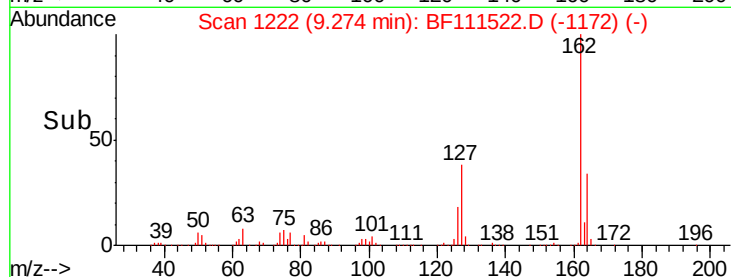
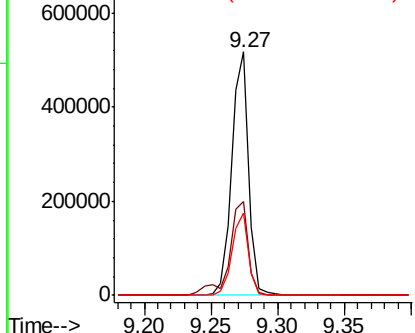
#47
 2-Chloronaphthalene
 Concen: 33.683 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	35.0	52.4
164	33.6	28.4	42.6

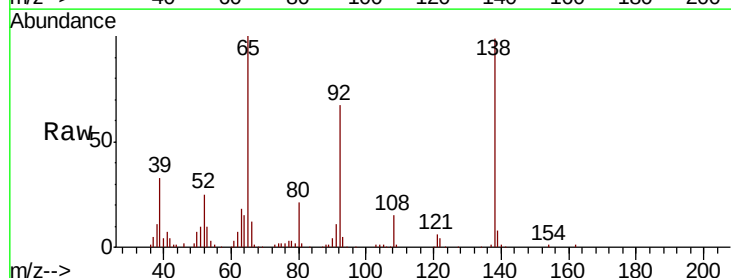


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

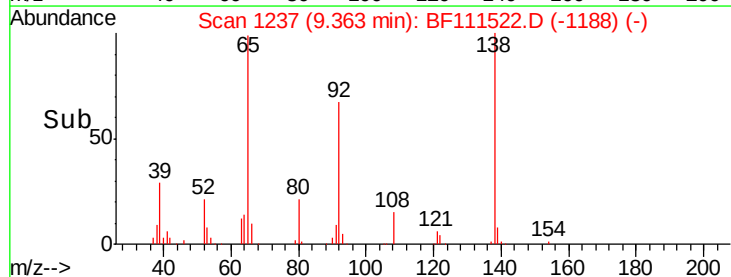
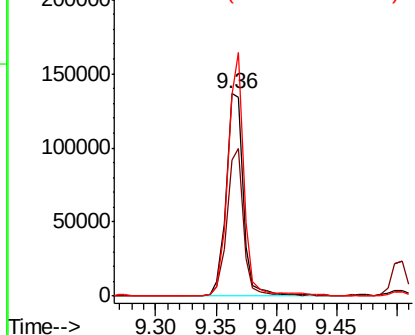


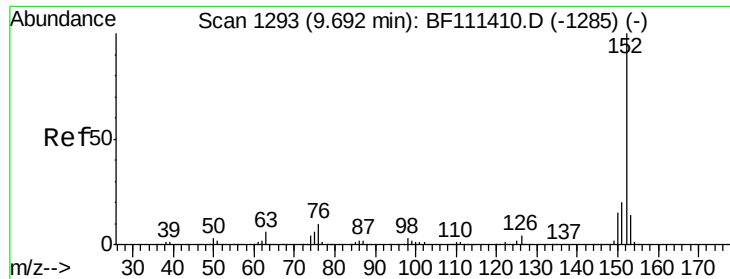
#48
 2-Nitroaniline
 Concen: 30.850 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.5	80.3
138	99.5	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: 34.254 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MS

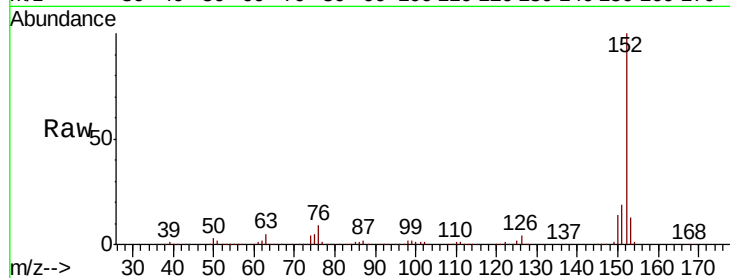
Tot Ion:152 Resp: 697765

Ion Ratio Lower Upper

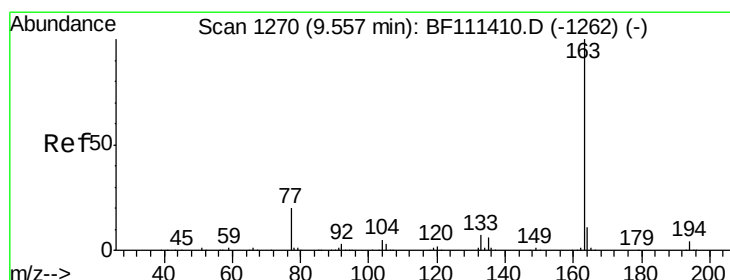
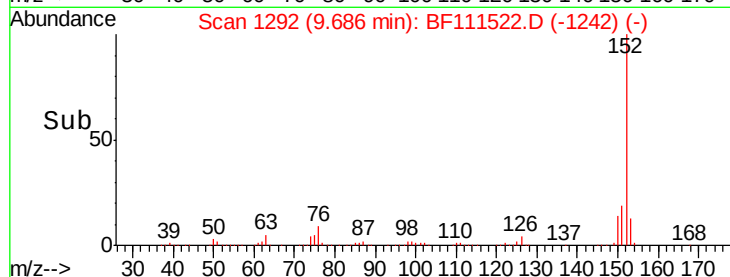
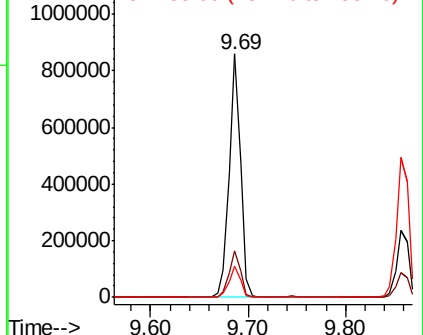
152 100

151 19.2 18.0 27.0

153 13.0 12.3 18.5



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



#50

Dimethylphthalate

Concen: 37.368 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

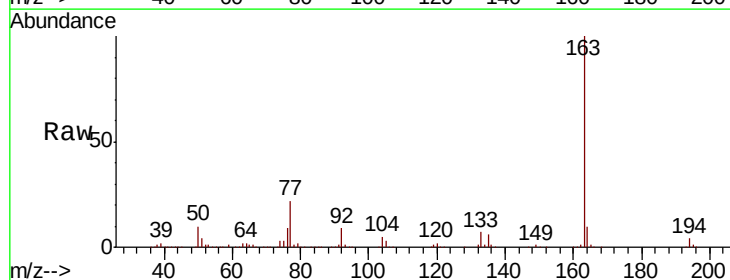
Tgt Ion:163 Resp: 573412

Ion Ratio Lower Upper

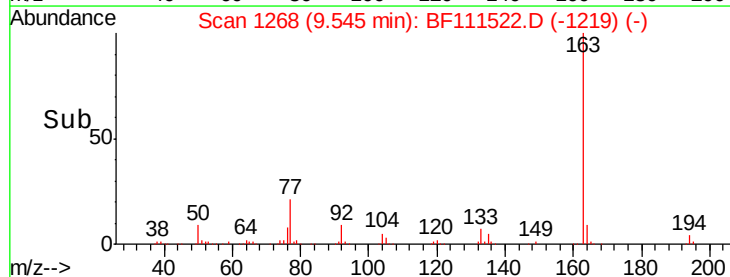
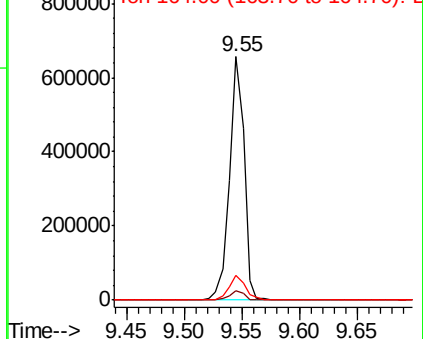
163 100

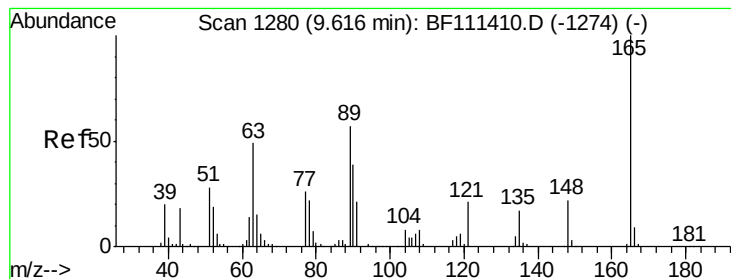
194 3.6 3.0 4.6

164 10.0 8.9 13.3



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





#51

2,6-Dinitrotoluene

Concen: 31.282 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MS

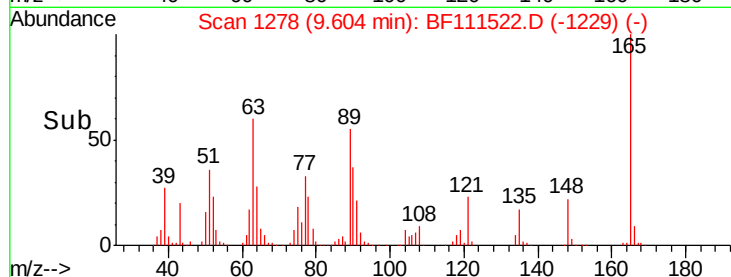
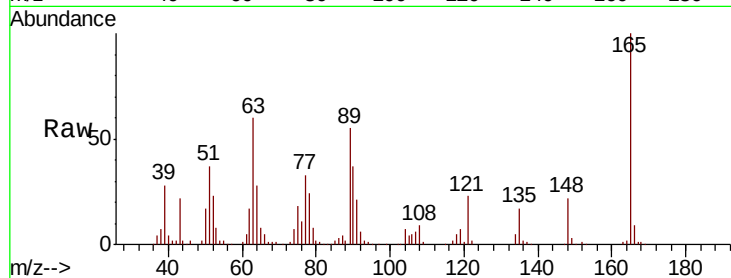
Tot Ion:165 Resp: 108051

Ion Ratio Lower Upper

165 100

63 60.1 40.5 60.7

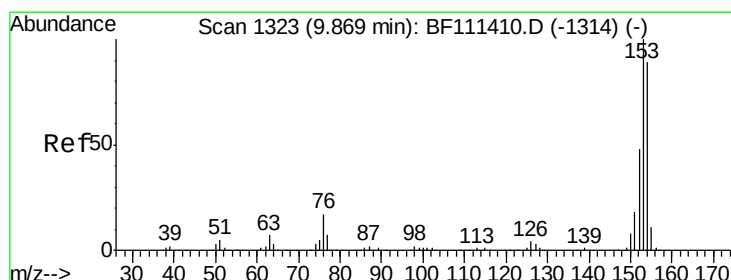
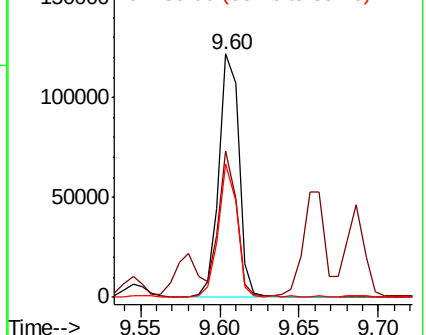
89 54.7 40.0 60.0



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: 30.891 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

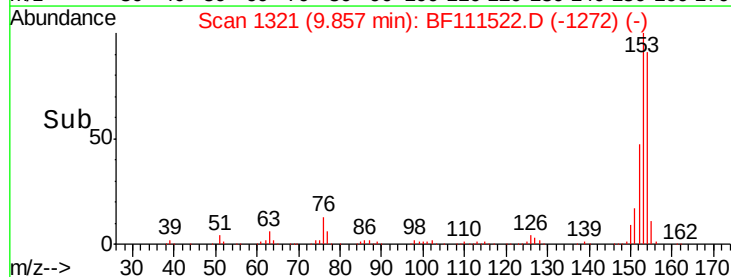
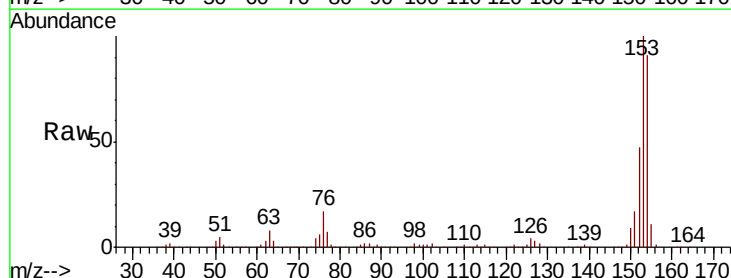
Tgt Ion:154 Resp: 397713

Ion Ratio Lower Upper

154 100

153 109.4 87.8 131.8

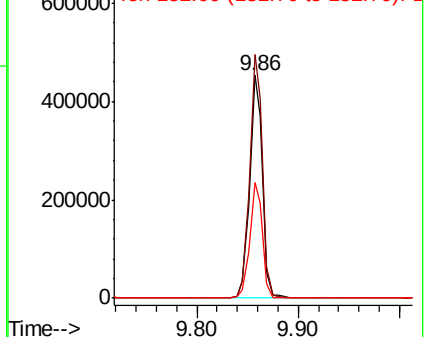
152 51.7 43.4 65.2

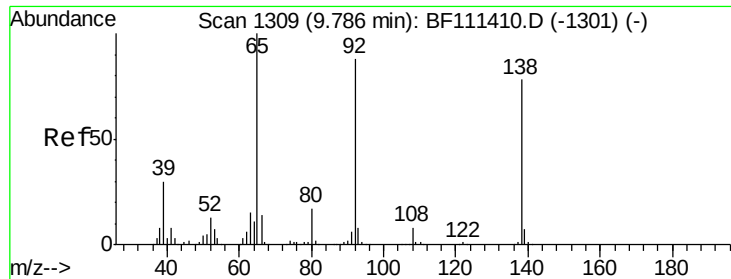


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

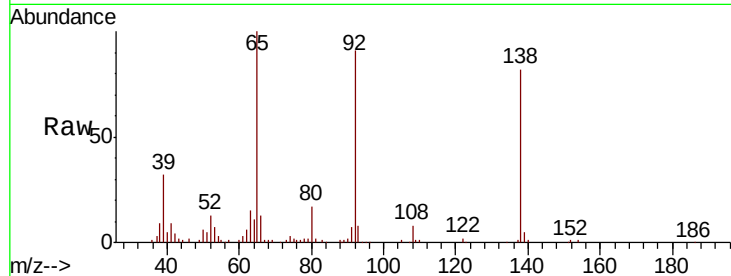




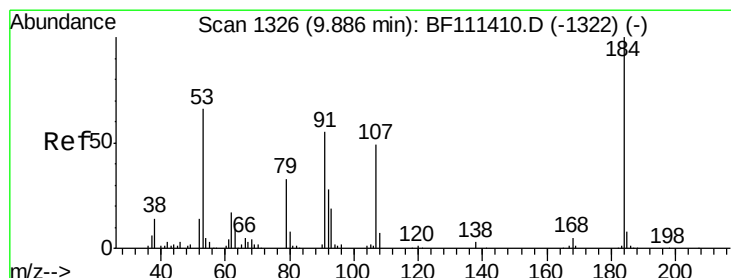
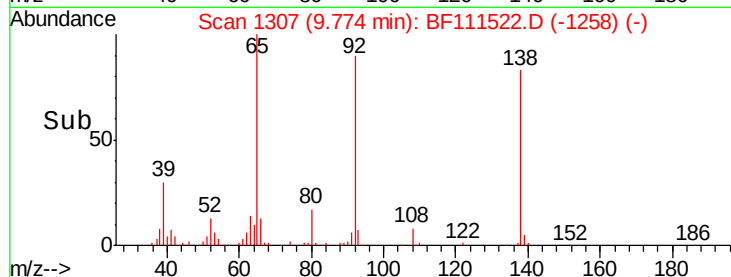
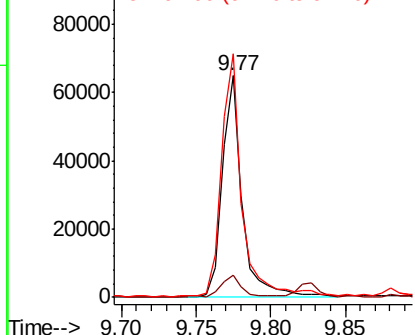
#53
3-Nitroaniline
Concen: 14.663 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

Tot Ion:138 Resp: 61516
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.4
92 110.0 93.4 140.2

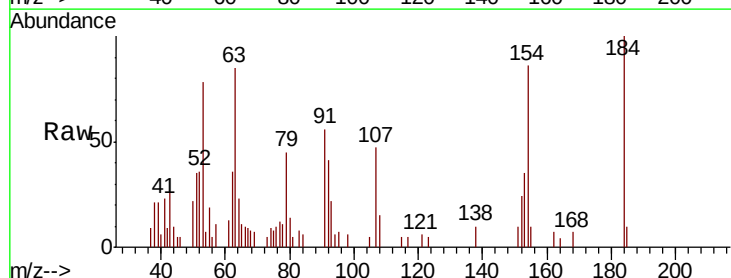


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

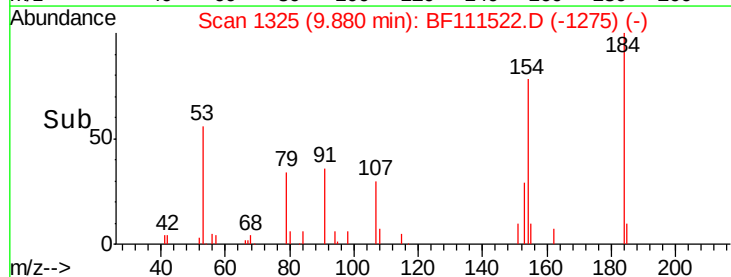
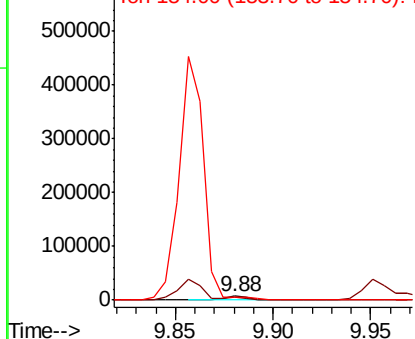


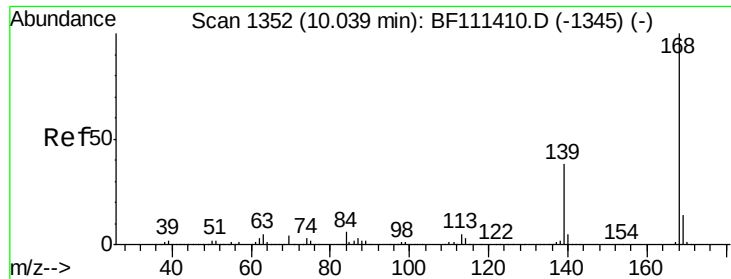
#54
2,4-Dinitrophenol
Concen: 4.942 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion:184 Resp: 6494
Ion Ratio Lower Upper
184 100
63 85.3 62.3 93.5
154 85.8 56.2 84.2#



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

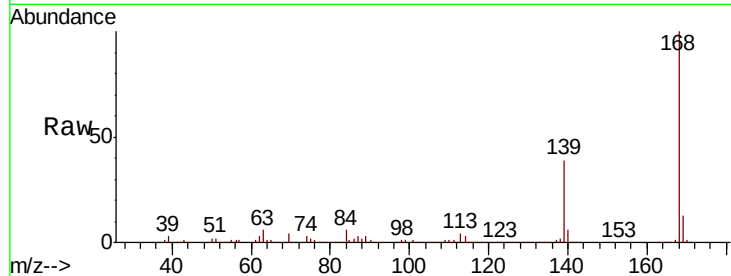




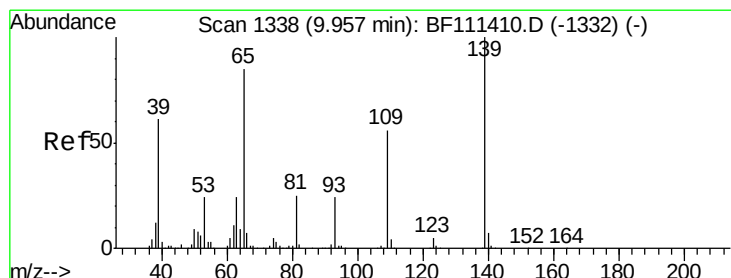
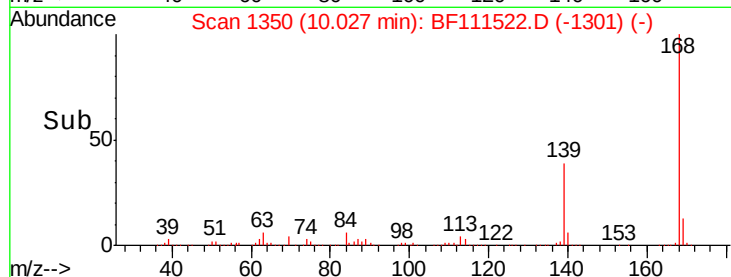
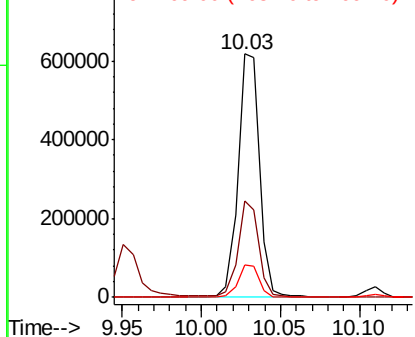
#55
Dibenzenofuran
Concen: 31.081 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

Tot Ion:168 Resp: 580855
Ion Ratio Lower Upper
168 100
139 39.4 32.6 49.0
169 13.2 11.8 17.6

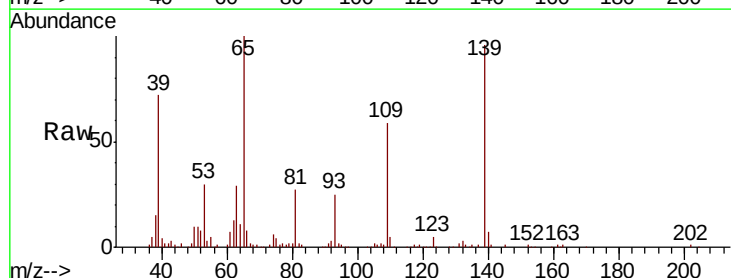


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

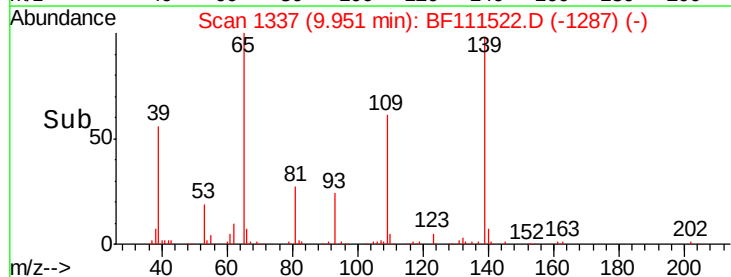
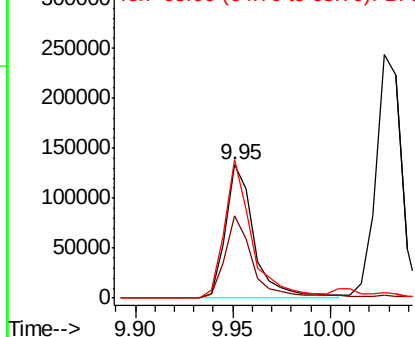


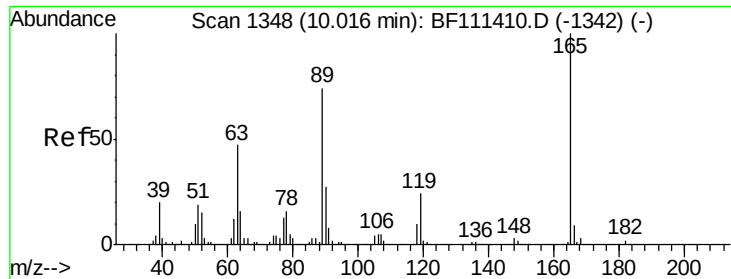
#56
4-Nitrophenol
Concen: 46.751 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion:139 Resp: 135736
Ion Ratio Lower Upper
139 100
109 61.7 41.8 81.8
65 104.1 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

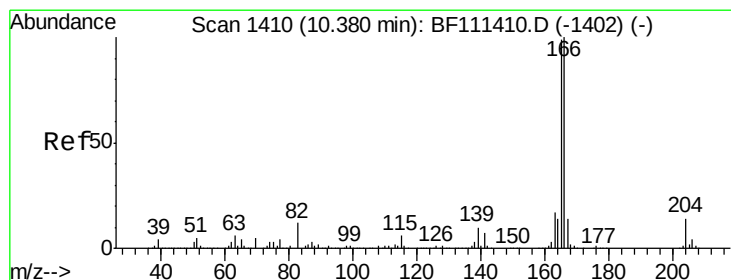
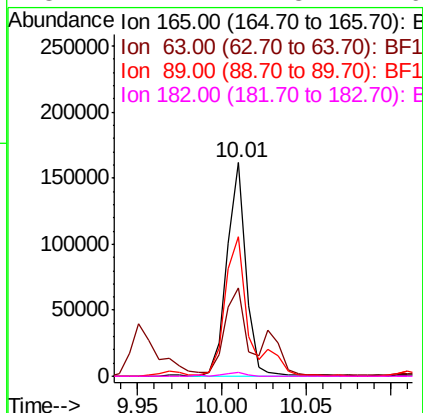
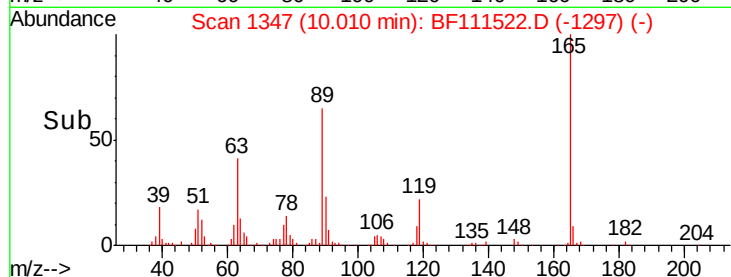
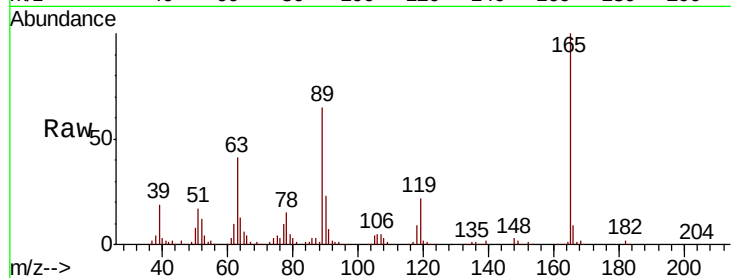




#57
2,4-Dinitrotoluene
Concen: 28.120 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

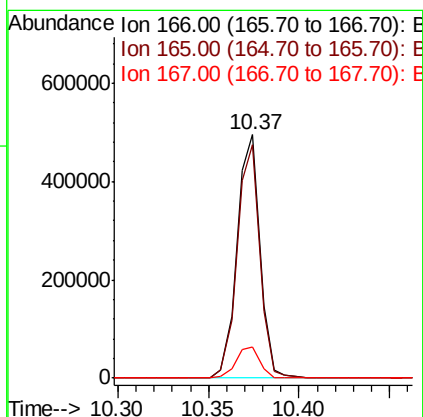
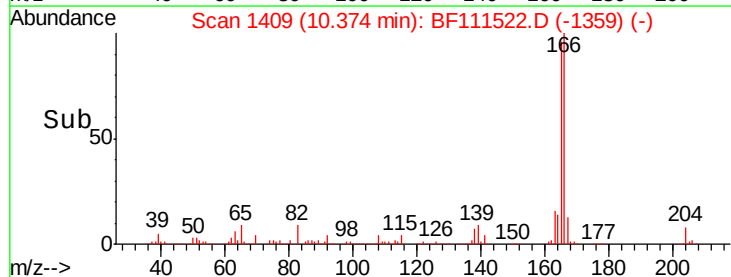
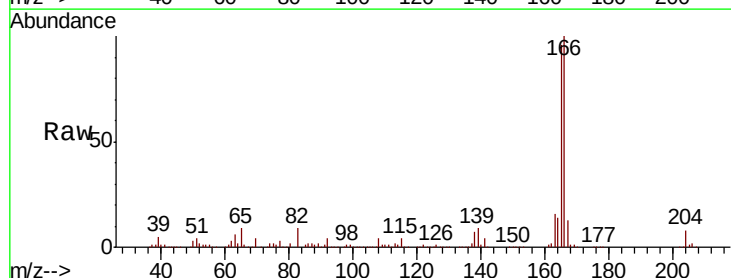
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

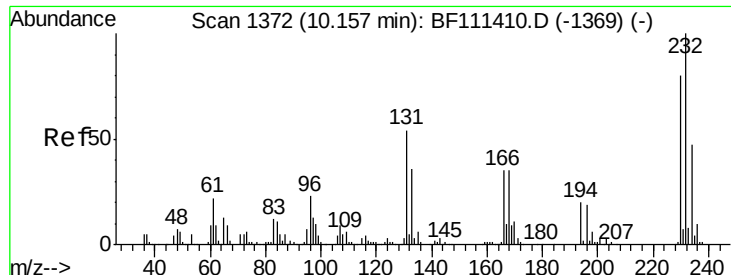
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.1	34.6	52.0
89	65.1	56.2	84.4
182	2.1	1.8	2.6



#58
Fluorene
Concen: 32.159 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	78.4	117.6
167	12.8	11.2	16.8

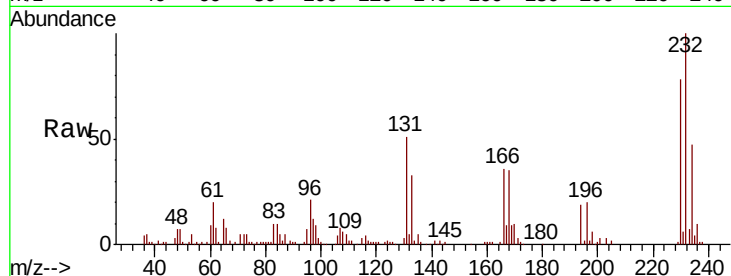




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 25.420 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.6	40.9	61.3
130	2.6	2.0	3.0
166	34.7	26.8	40.2



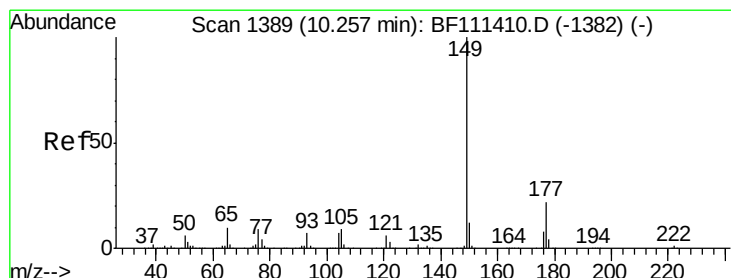
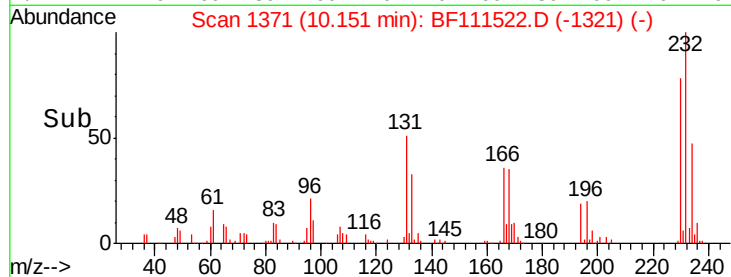
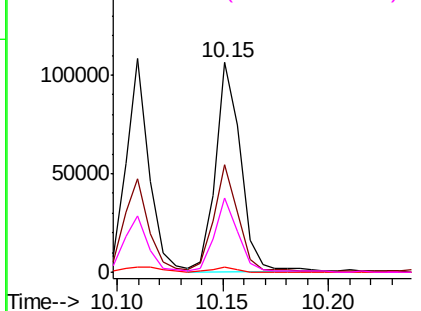
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

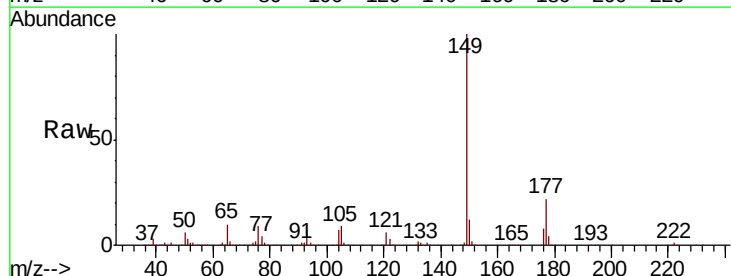
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 31.578 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.3	27.5
150	11.9	10.6	15.8

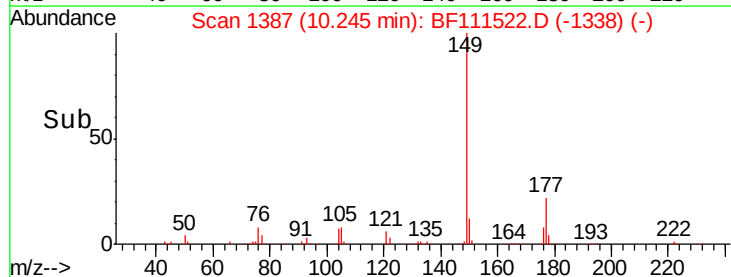
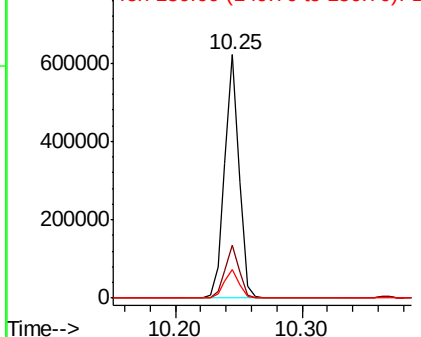


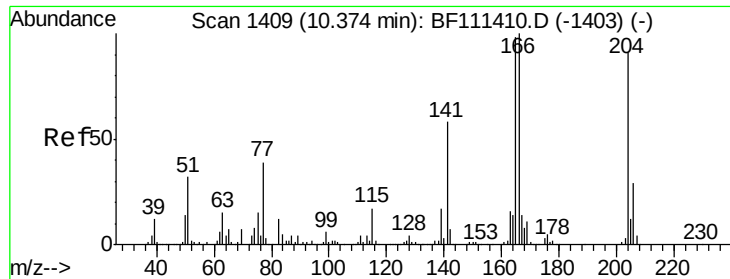
Abundance

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

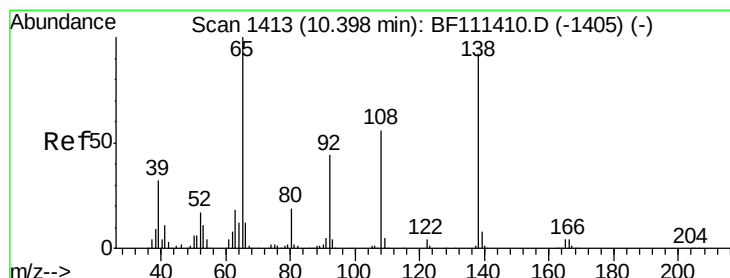
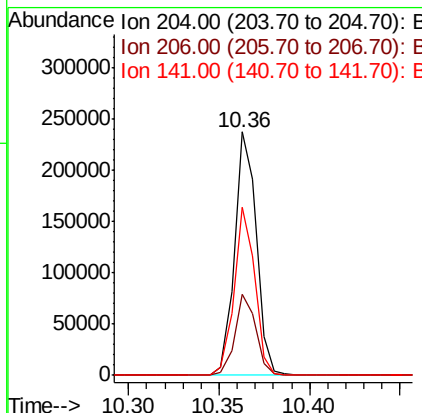
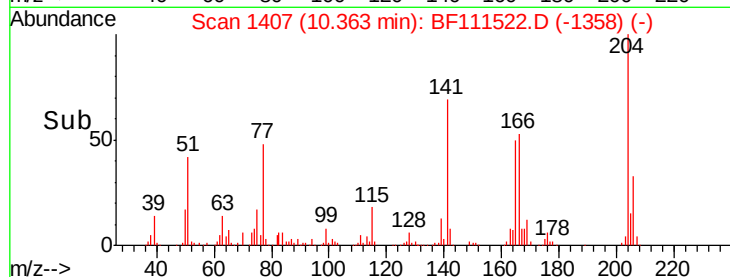
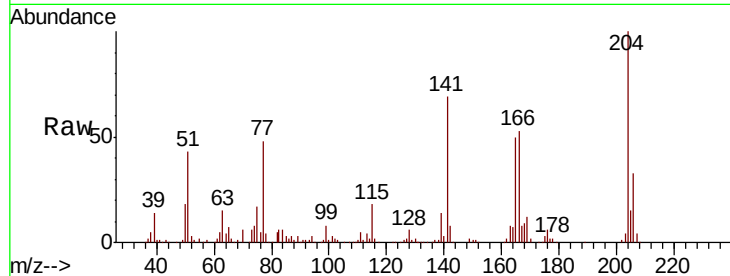




#61
4-Chlorophenyl-phenylether
Concen: 30.050 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

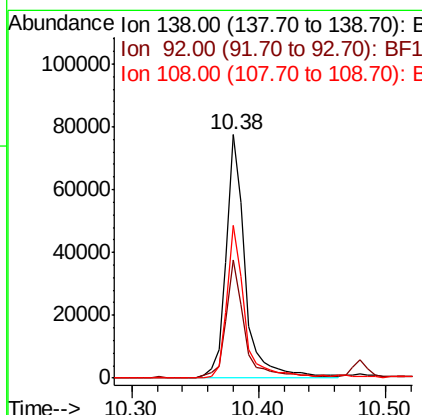
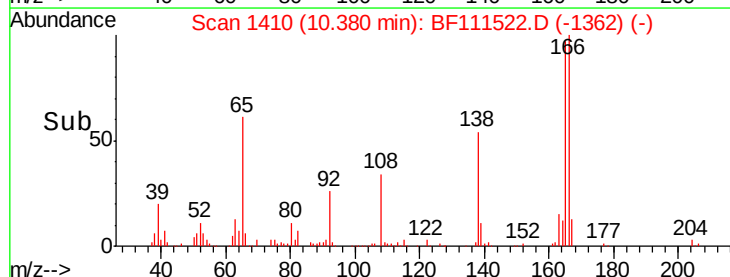
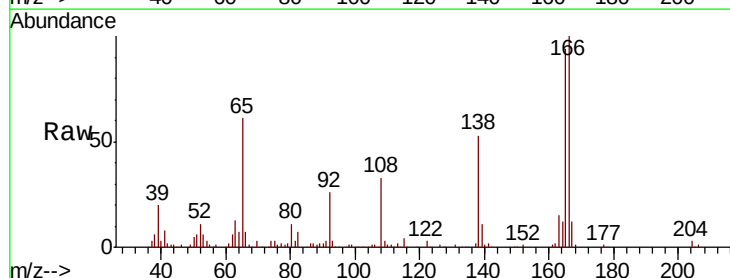
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

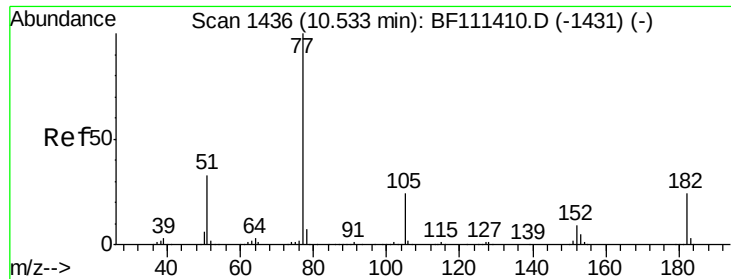
Tot Ion:204 Resp: 199289
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 69.1 52.6 78.8



#62
4-Nitroaniline
Concen: 19.650 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion:138 Resp: 81610
Ion Ratio Lower Upper
138 100
92 48.5 29.9 69.9
108 63.0 43.2 83.2

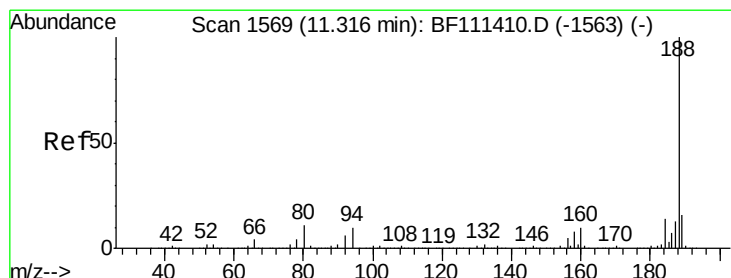
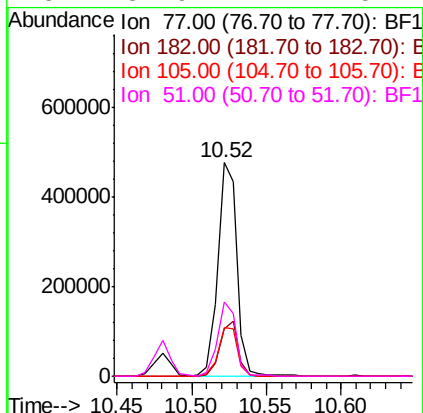
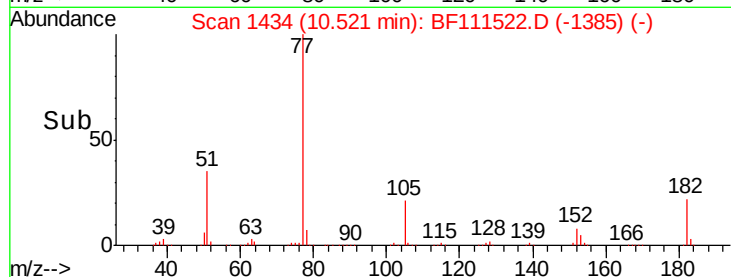
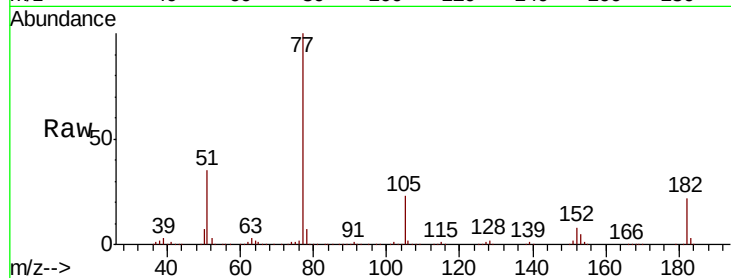




#63
Azobenzene
Concen: 27.753 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

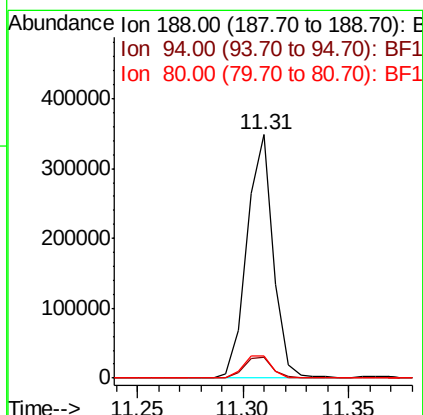
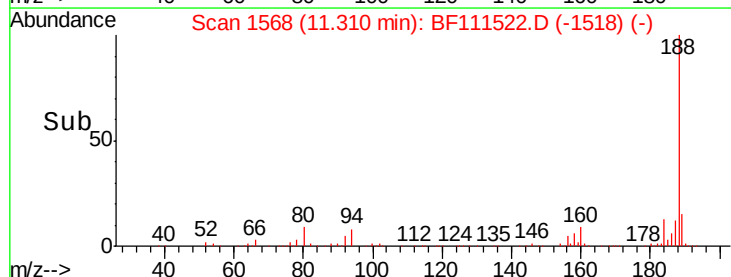
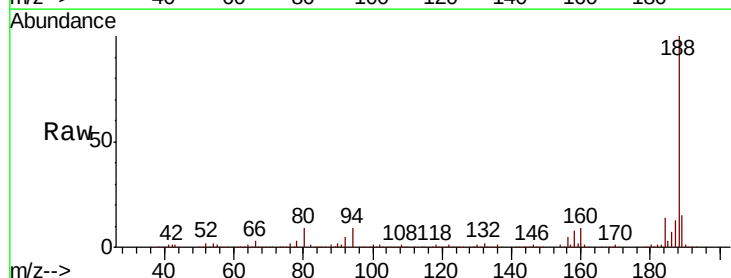
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

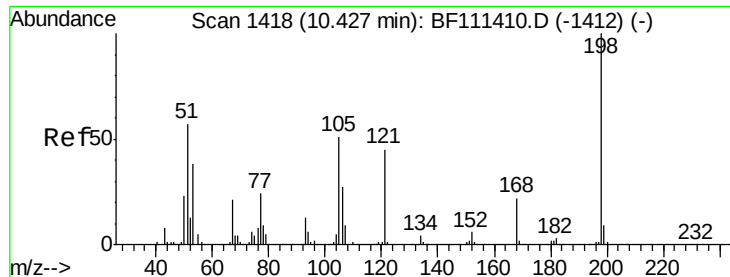
Tot Ion:	77	Resp:	425290
Ion	Ratio	Lower	Upper
77	100		
182	22.1	4.9	44.9
105	22.8	6.0	46.0
51	34.9	14.7	54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion:	188	Resp:	300651
Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.6	14.4#
80	9.1	9.8	14.6#

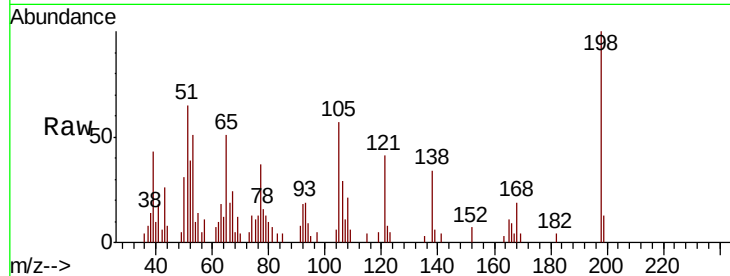




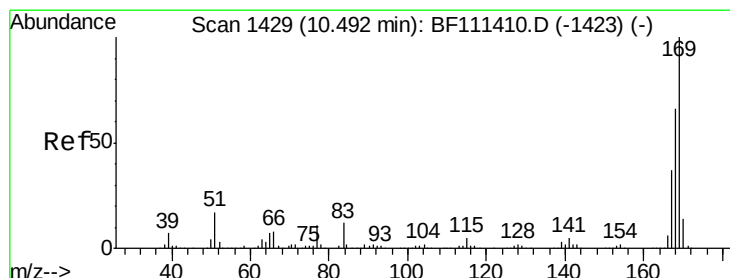
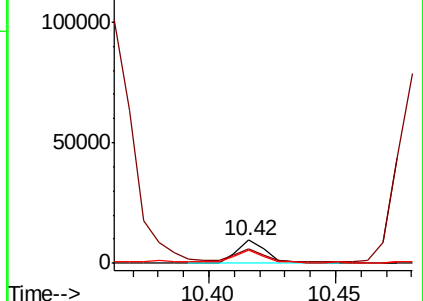
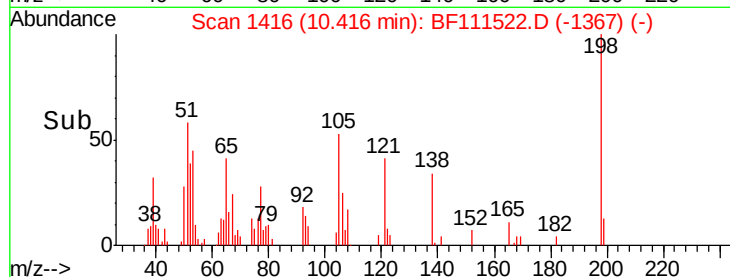
#65
4,6-Dinitro-2-methylphenol
Concen: 4.464 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

Tot Ion:198 Resp: 7576
Ion Ratio Lower Upper
198 100
51 65.2 48.0 88.0
105 56.8 34.0 74.0

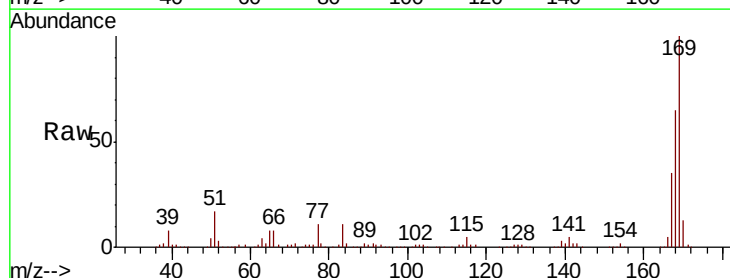


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

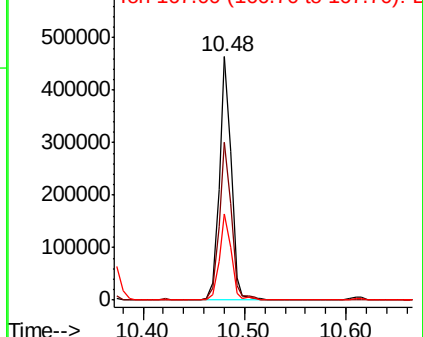
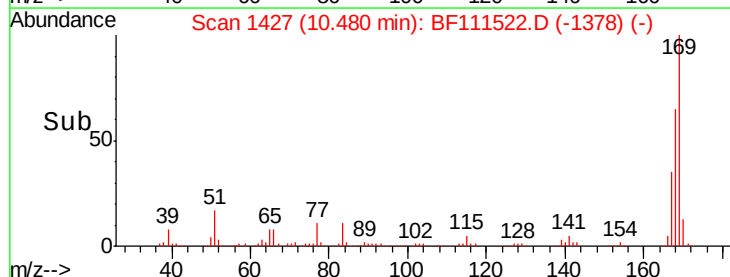


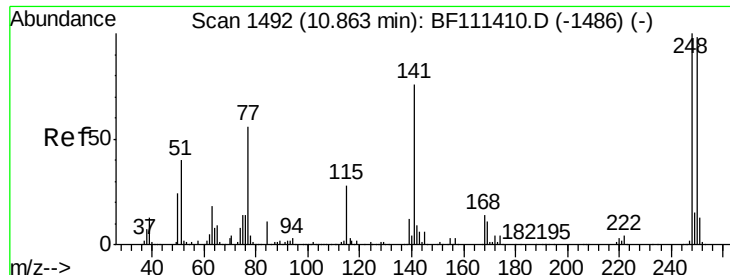
#66
n-Nitrosodiphenylamine
Concen: 36.241 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion:169 Resp: 375742
Ion Ratio Lower Upper
169 100
168 64.7 54.4 81.6
167 35.4 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

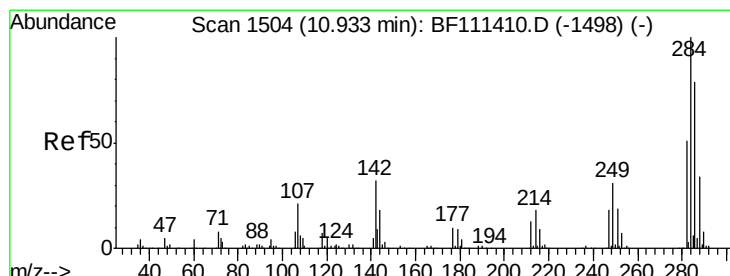
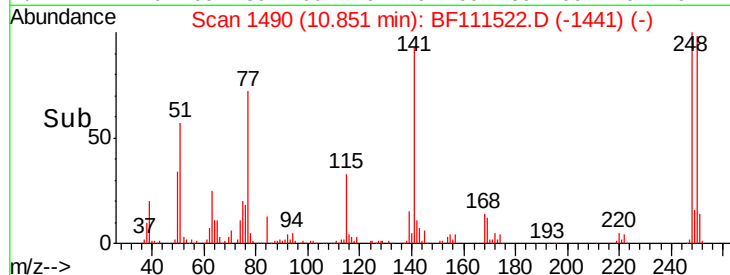
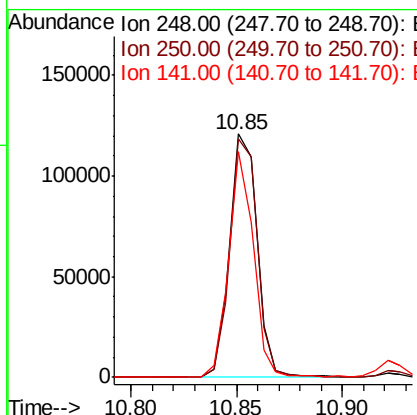
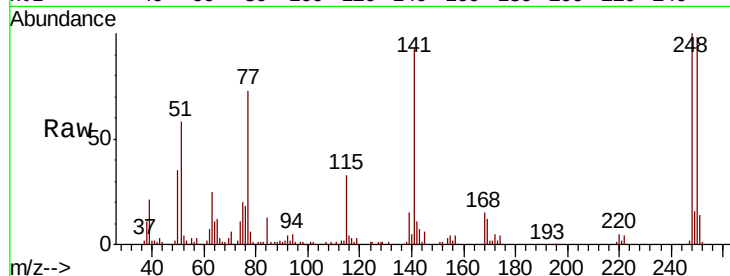




#67
 4-Bromophenyl-phenylether
 Concen: 33.571 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

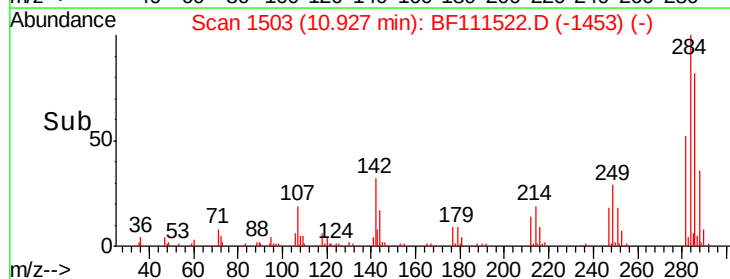
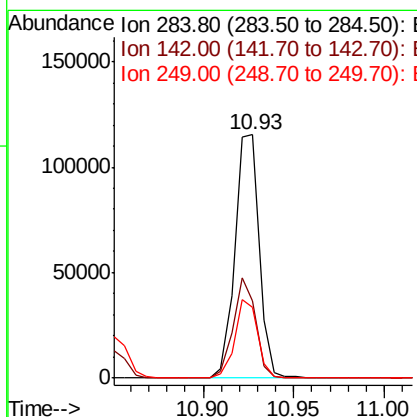
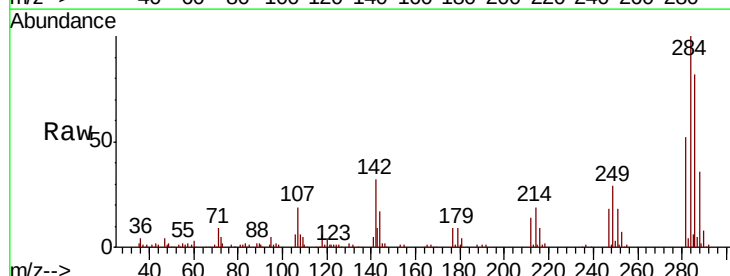
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MS

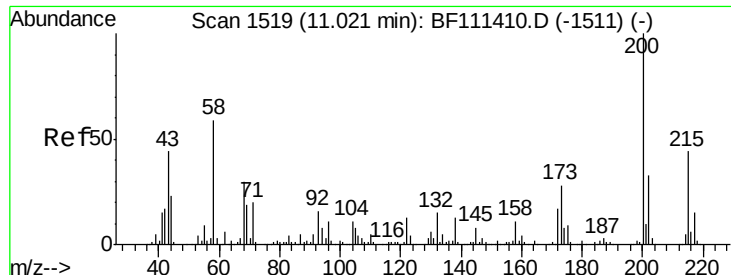
Tot Ion:	248	Resp:	108783
Ion Ratio	Lower	Upper	
248	100		
250	98.0	77.0	115.4
141	92.9	63.0	94.6



#68
 Hexachlorobenzene
 Concen: 32.318 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

Tgt Ion:	284	Resp:	107724
Ion Ratio	Lower	Upper	
284	100		
142	31.6	27.4	41.2
249	29.1	24.4	36.6

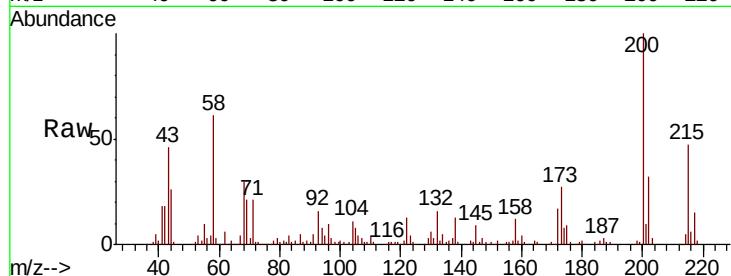




#69
Atrazine
Concen: 33.808 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	10.1	50.1
215	47.0	26.9	66.9

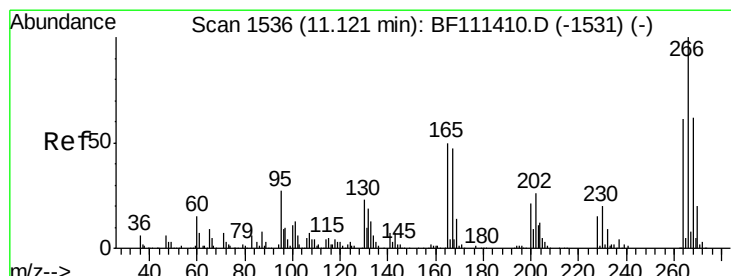
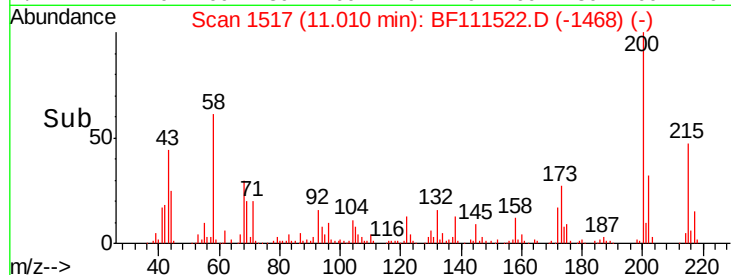
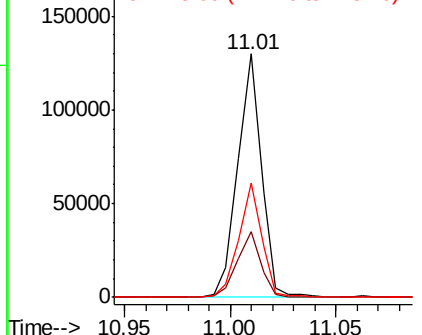


Abundance

Ion 200.00 (199.70 to 200.70): E

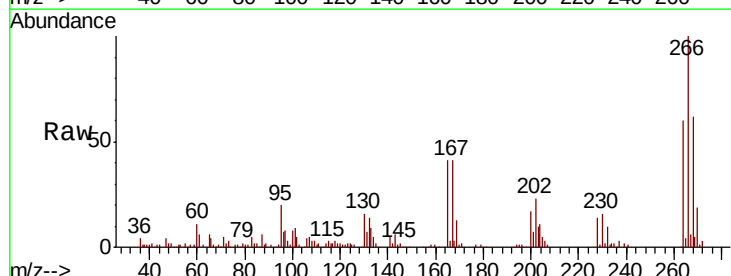
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 54.264 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	47.9	71.9
264	59.5	49.1	73.7

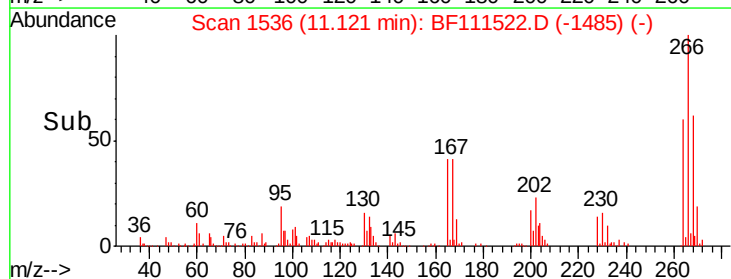
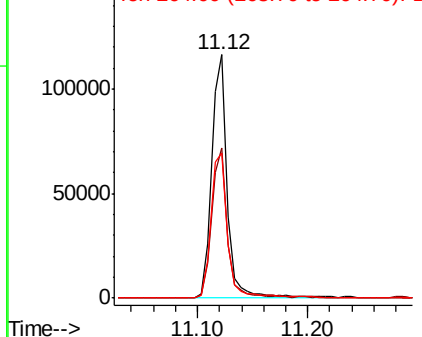


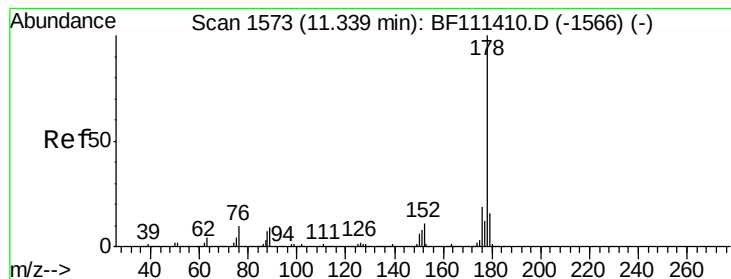
Abundance

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: 33.626 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MS

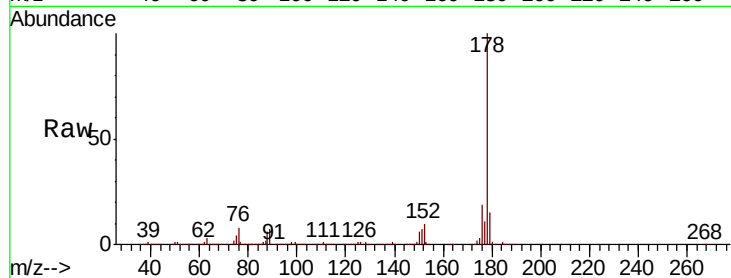
Tot Ion:178 Resp: 520929

Ion Ratio Lower Upper

178 100

176 18.9 18.1 27.1

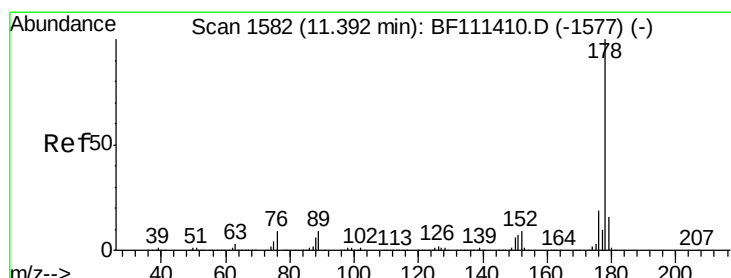
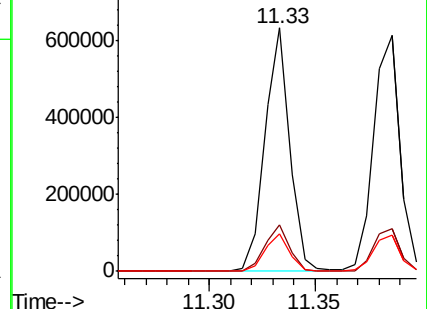
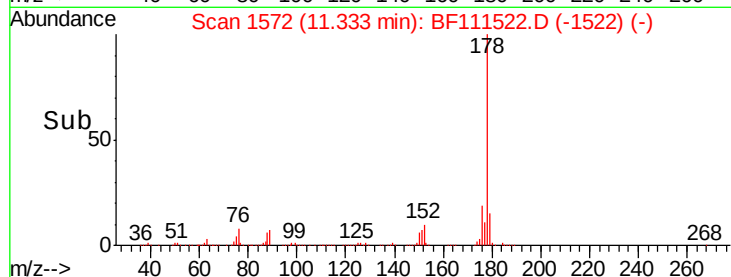
179 15.2 14.0 21.0



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: 34.297 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

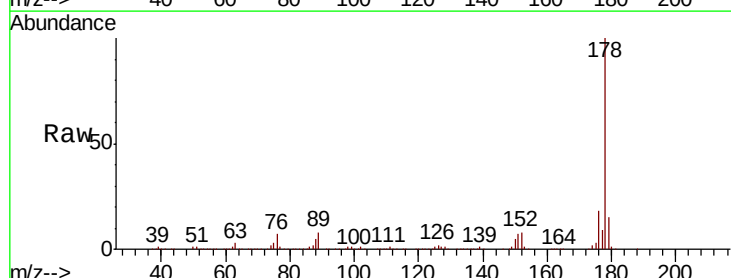
Tgt Ion:178 Resp: 543383

Ion Ratio Lower Upper

178 100

176 18.0 17.2 25.8

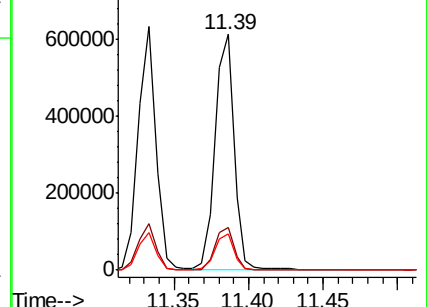
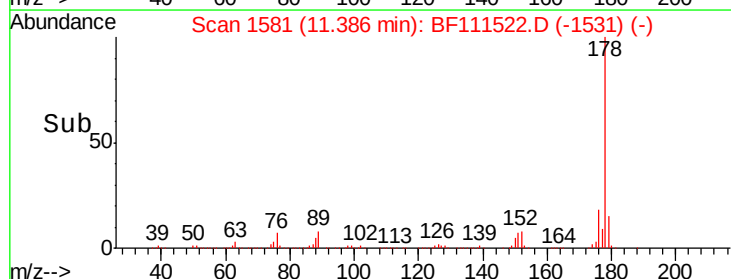
179 15.4 13.8 20.8

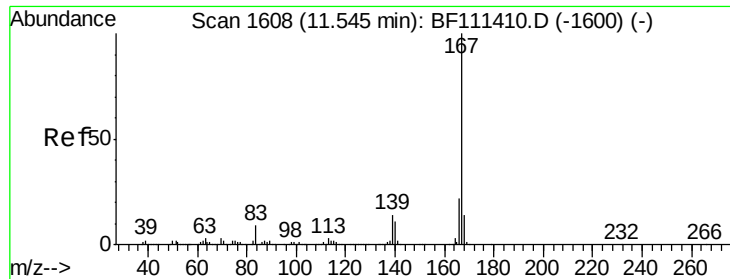


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

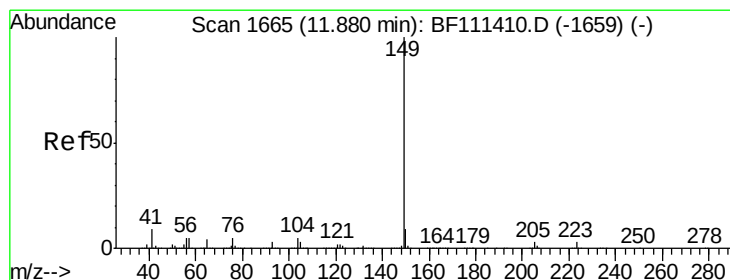
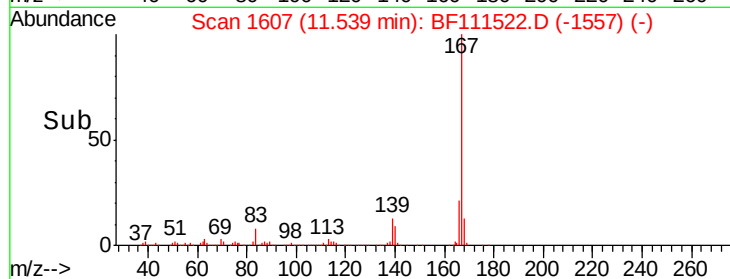
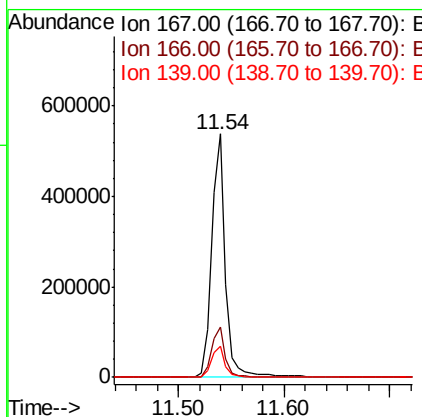
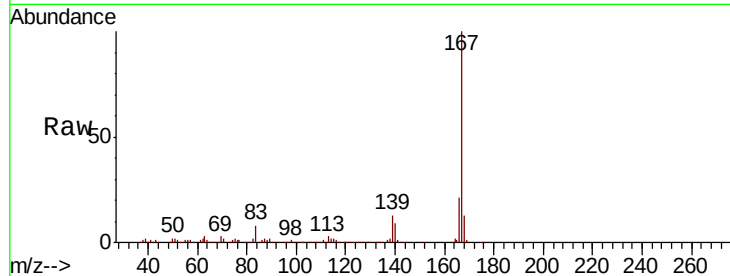




#73
 Carbazole
 Concen: 30.105 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

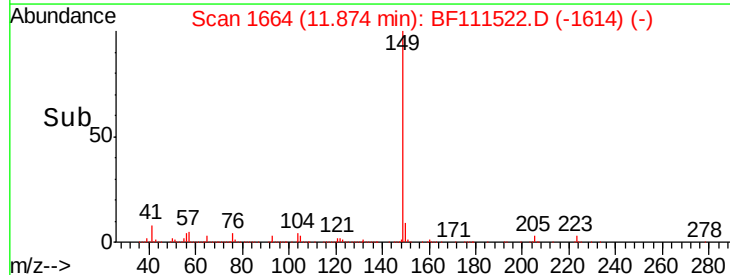
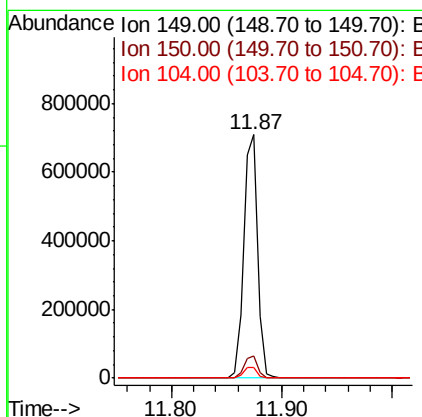
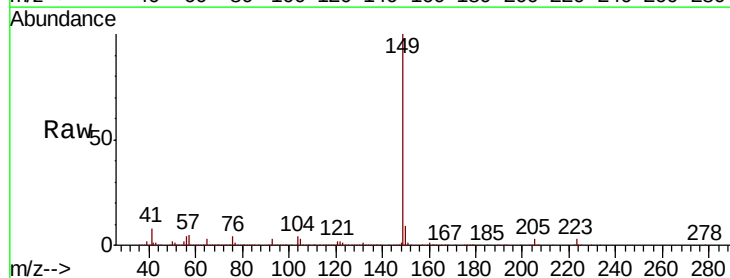
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MS

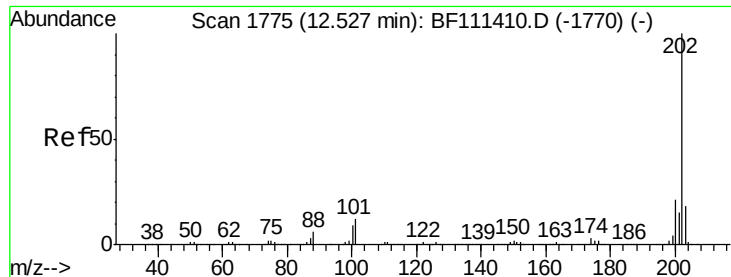
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	19.3	28.9
139	12.6	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 34.365 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF111522.D
 Acq: 16 Dec 2018 21:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.8	13.2
104	4.3	4.5	6.7#





#75

Fluoranthene

Concen: 35.151 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MS

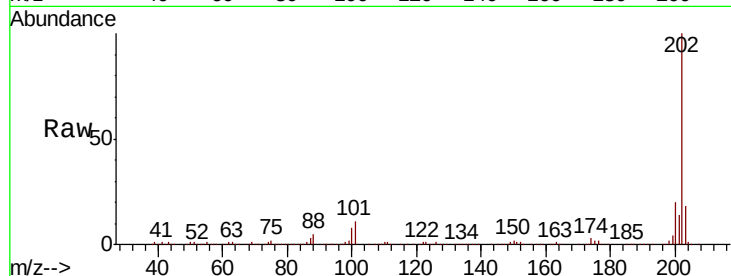
Tot Ion:202 Resp: 532745

Ion Ratio Lower Upper

202 100

101 10.6 0.0 33.8

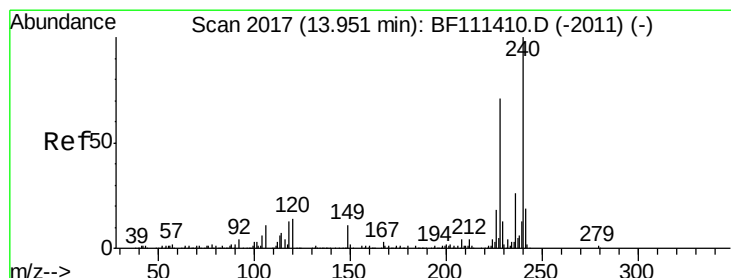
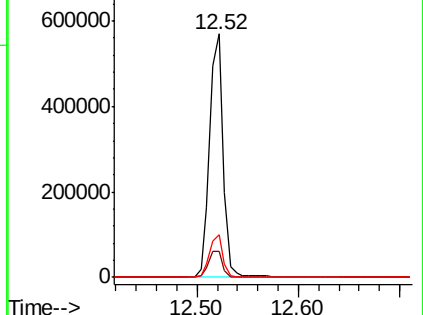
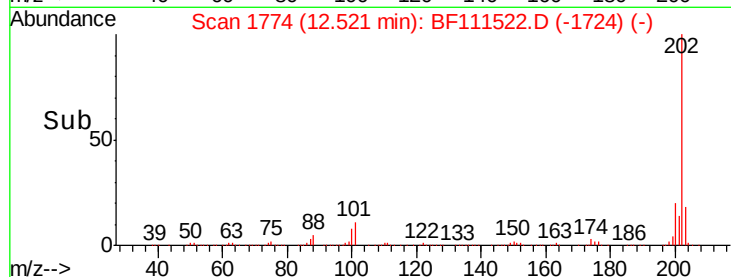
203 17.7 0.0 38.6



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: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

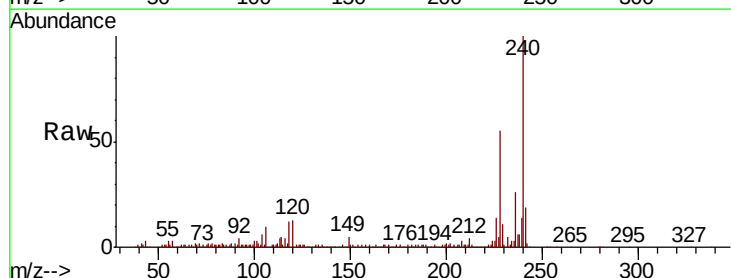
Tgt Ion:240 Resp: 265960

Ion Ratio Lower Upper

240 100

120 13.1 12.2 18.2

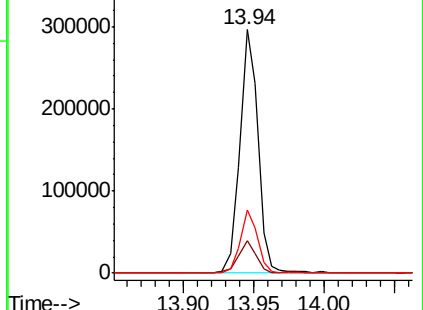
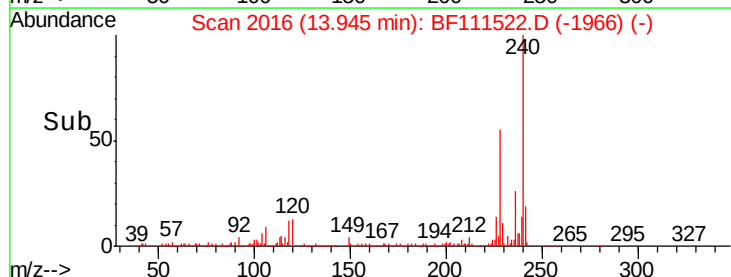
236 26.0 20.2 30.2

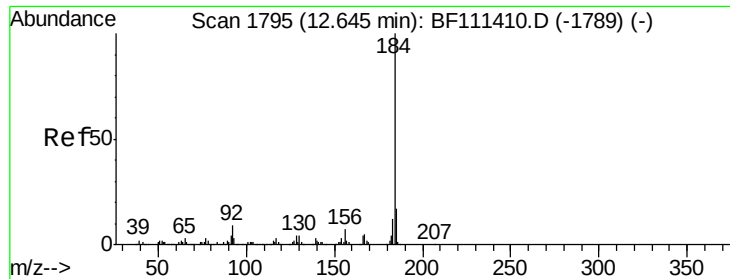


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.936 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.25 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MS

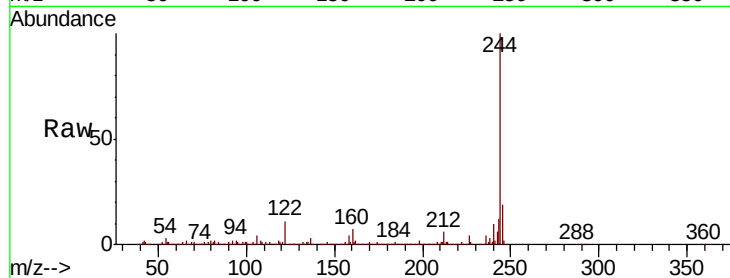
Tot Ion:184 Resp: 9147

Ion Ratio Lower Upper

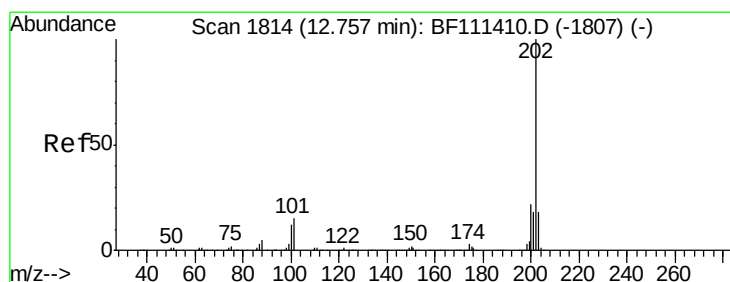
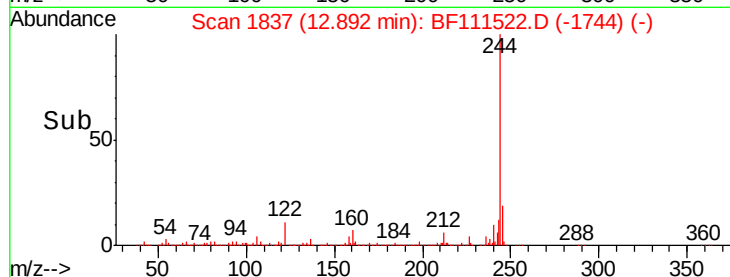
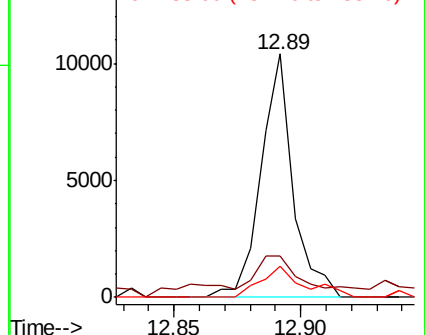
184 100

185 17.0 13.0 19.6

183 12.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 28.957 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

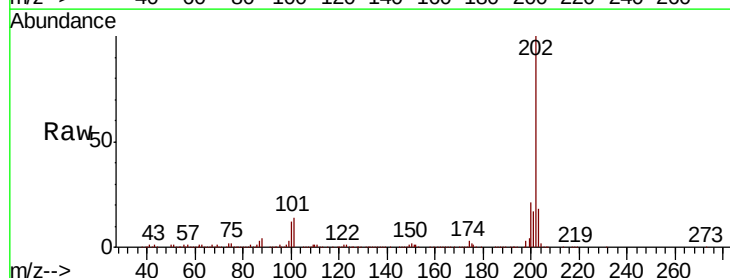
Tgt Ion:202 Resp: 542974

Ion Ratio Lower Upper

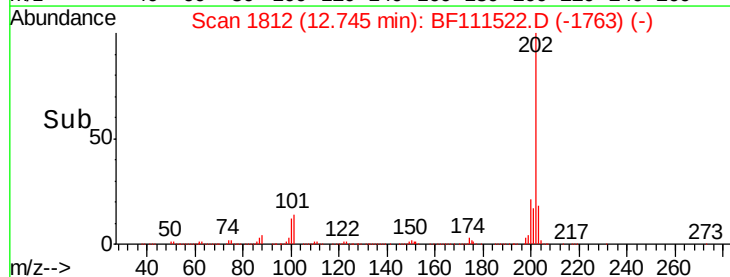
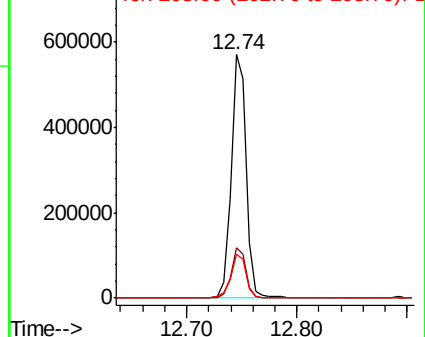
202 100

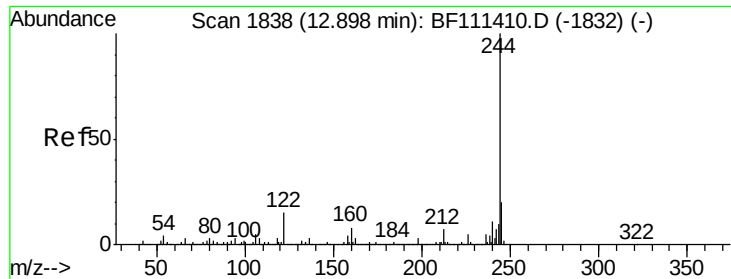
200 20.5 19.0 28.4

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: 58.381 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MS

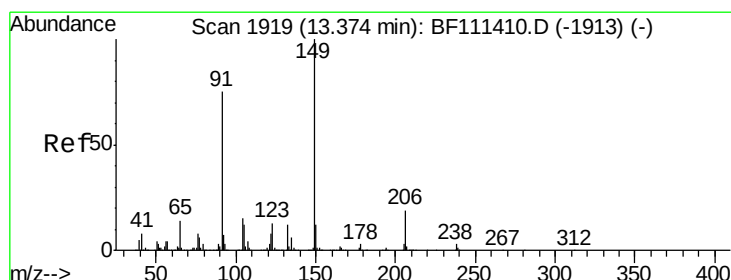
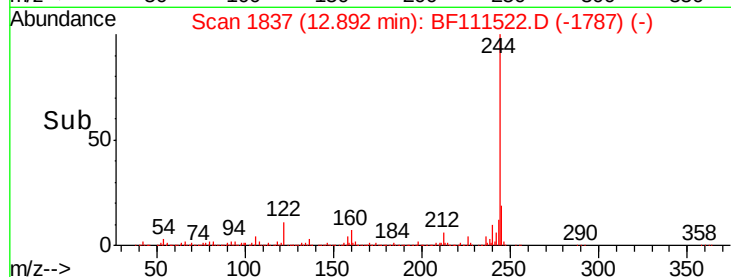
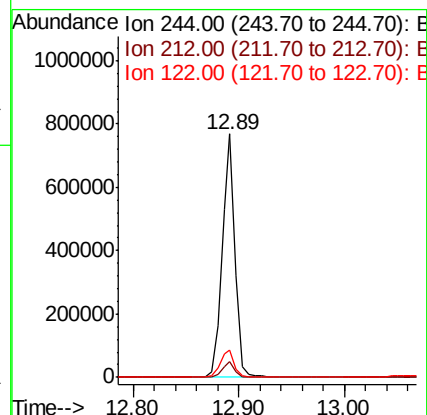
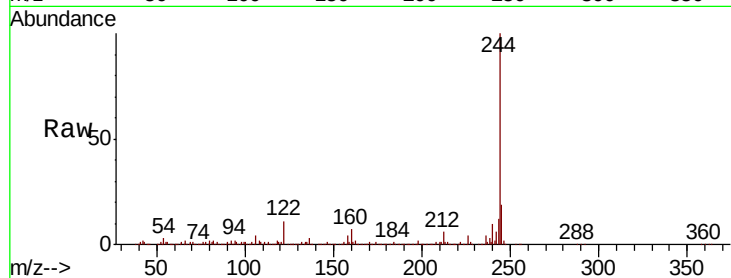
Tot Ion:244 Resp: 661217

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

122 11.3 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 28.511 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

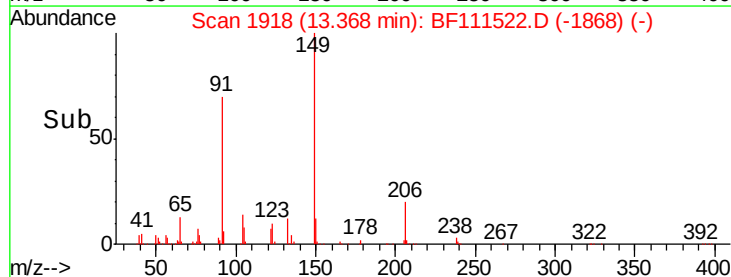
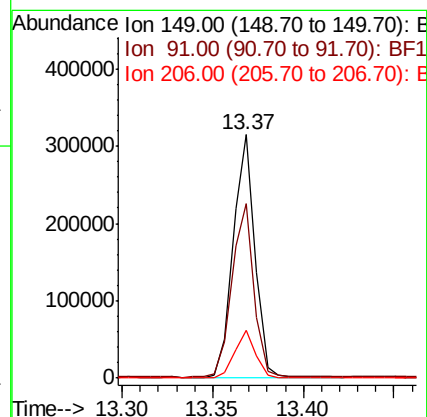
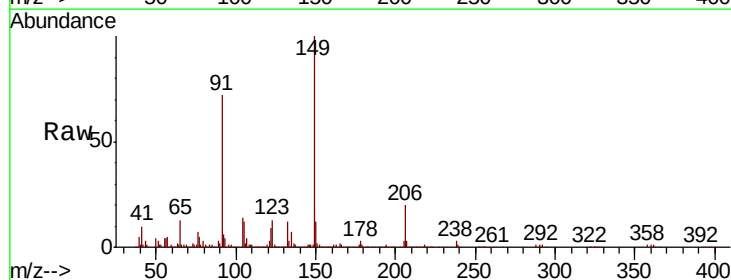
Tgt Ion:149 Resp: 260586

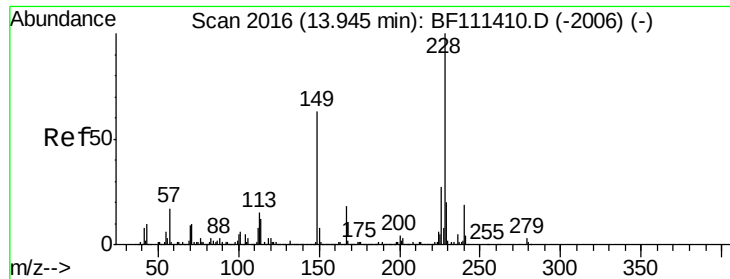
Ion Ratio Lower Upper

149 100

91 71.5 63.8 95.6

206 19.8 15.1 22.7

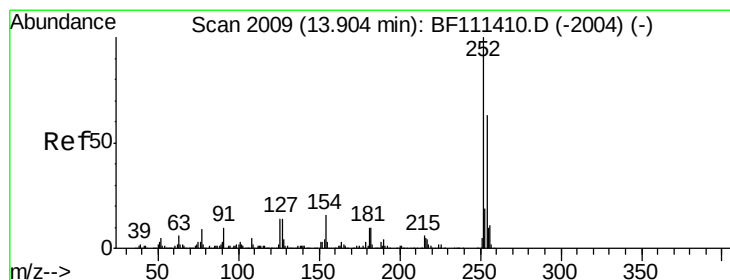
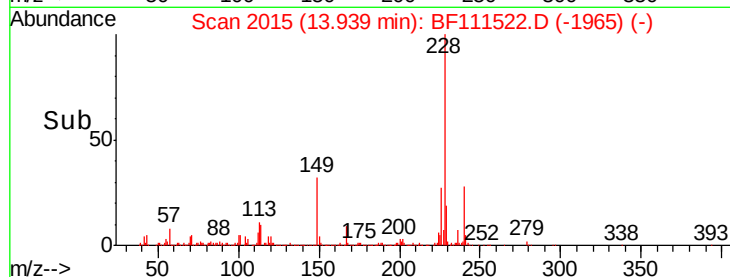
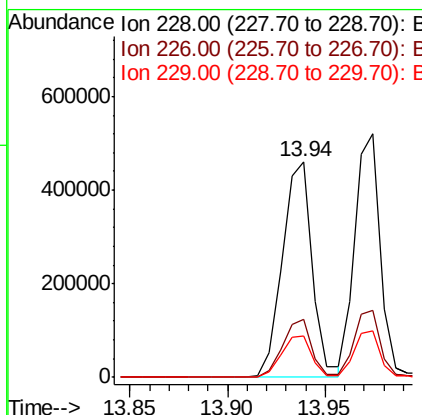
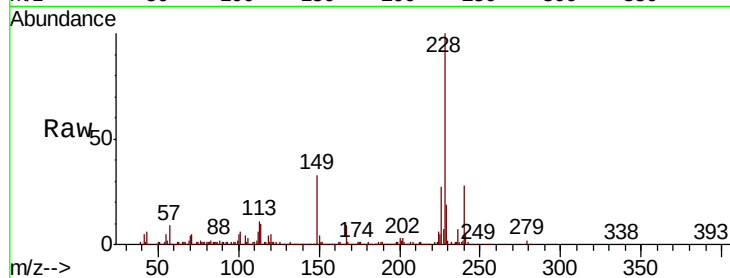




#81
Benzo(a)anthracene
Concen: 33.762 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

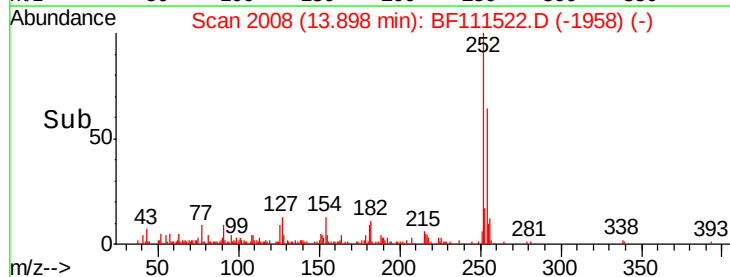
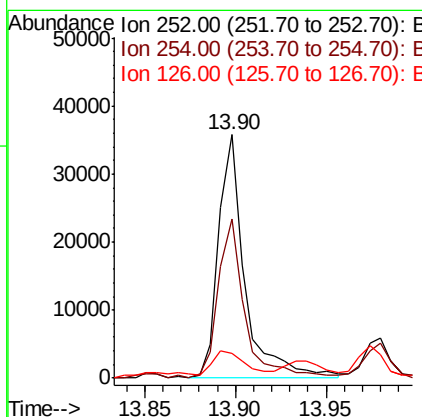
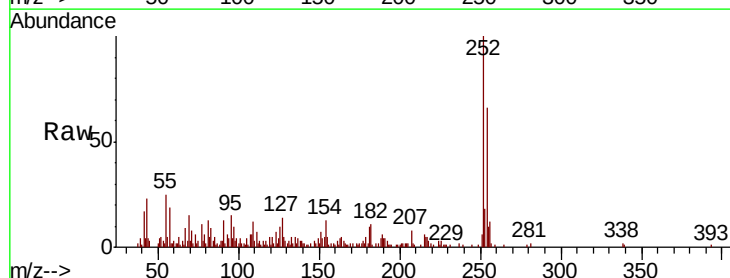
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

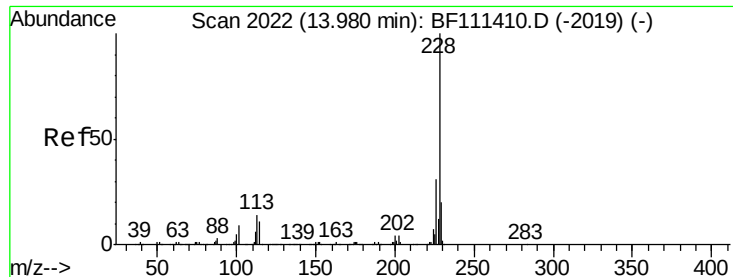
Tot Ion:228 Resp: 488246
Ion Ratio Lower Upper
228 100
226 26.9 22.6 34.0
229 19.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 6.197 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion:252 Resp: 36432
Ion Ratio Lower Upper
252 100
254 65.6 52.7 79.1
126 10.4 11.1 16.7#

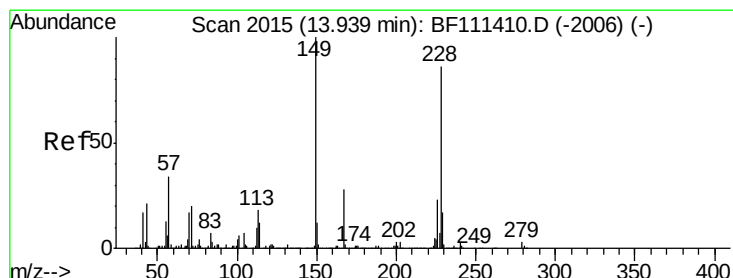
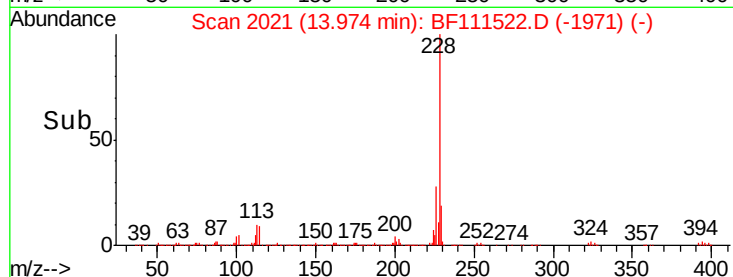
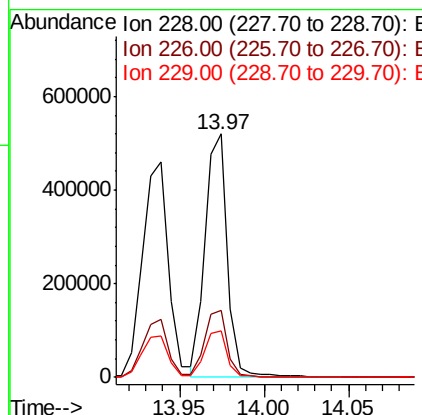
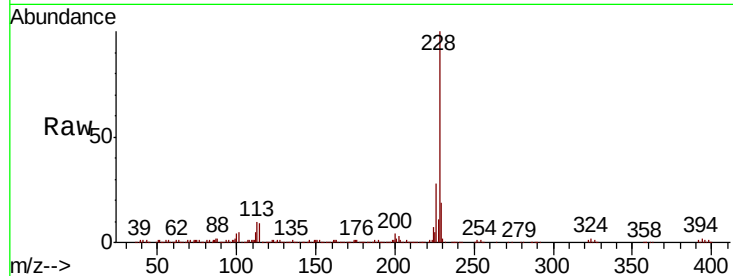




#83
Chrysene
Concen: 31.174 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

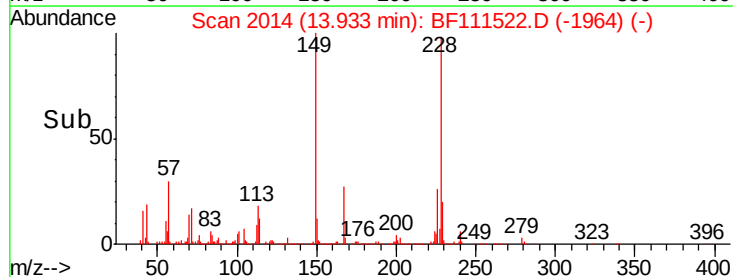
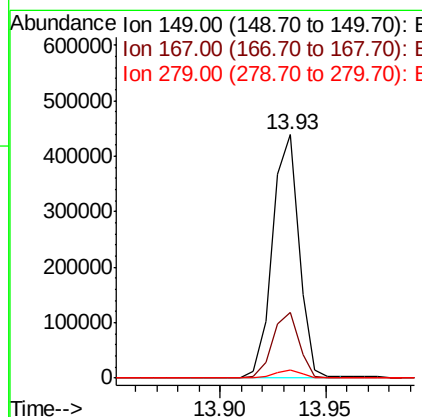
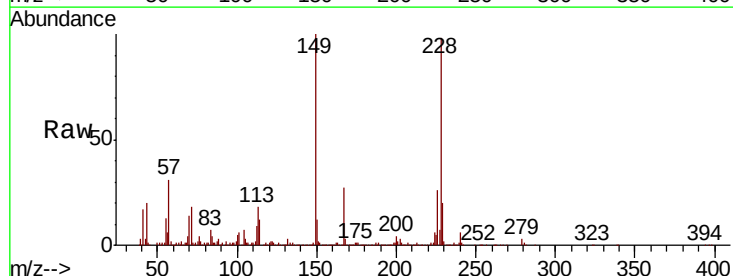
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

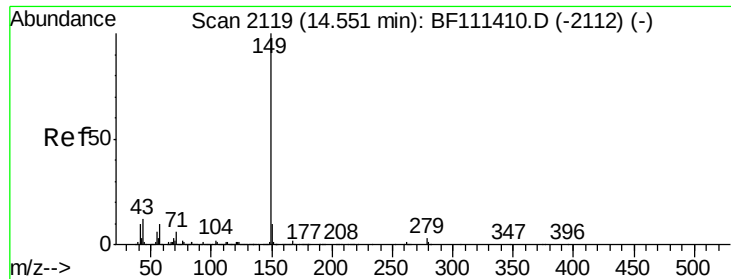
Tot Ion:228 Resp: 474911
Ion Ratio Lower Upper
228 100
226 27.7 25.3 37.9
229 19.0 17.2 25.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 32.727 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion:149 Resp: 382056
Ion Ratio Lower Upper
149 100
167 27.1 22.5 33.7
279 3.4 2.6 4.0

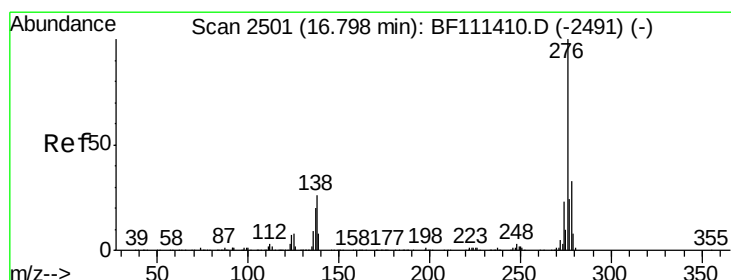
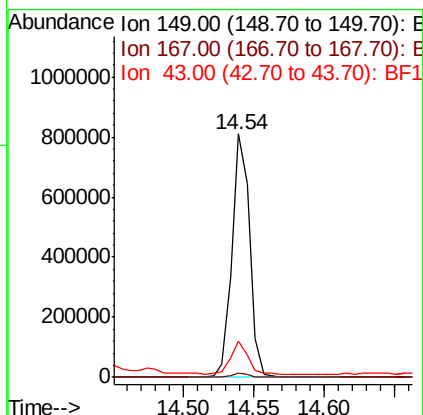
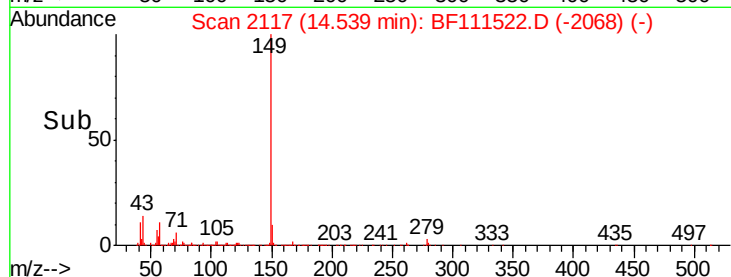
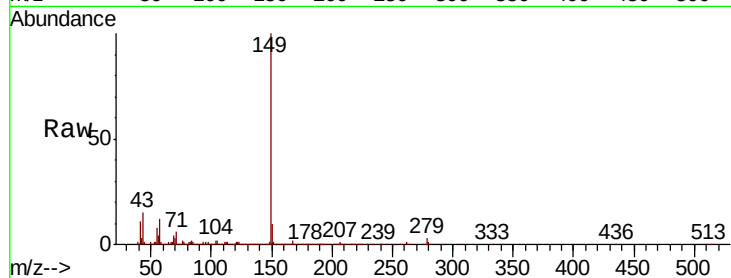




#85
Di-n-octyl phthalate
Concen: 35.431 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

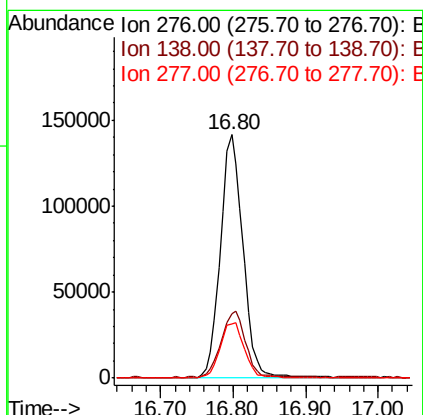
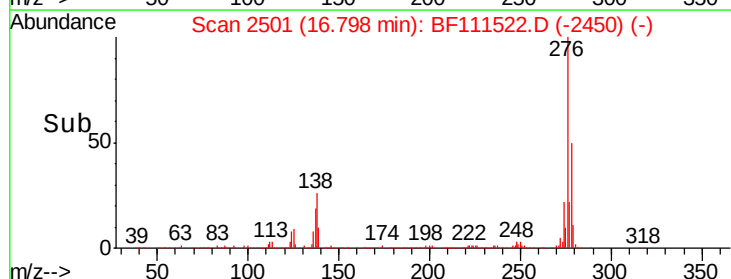
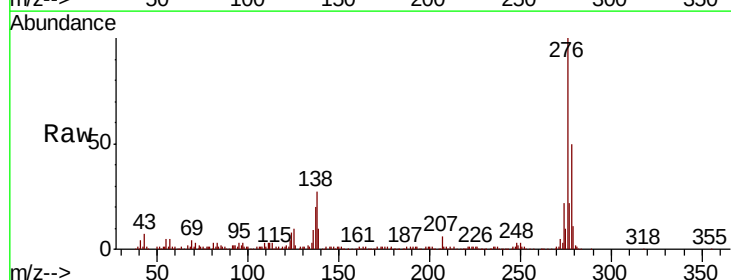
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

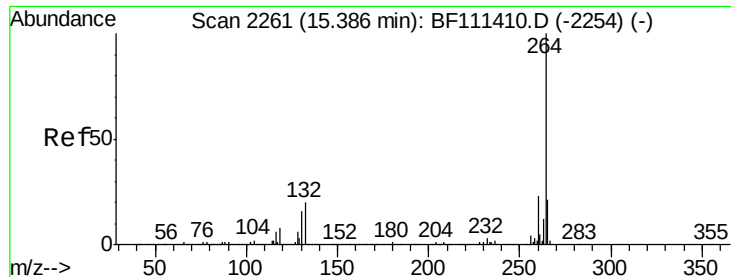
Tot Ion:149 Resp: 697682
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.1 10.9 16.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 28.048 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion:276 Resp: 308380
Ion Ratio Lower Upper
276 100
138 29.1 27.8 41.6
277 24.0 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MS

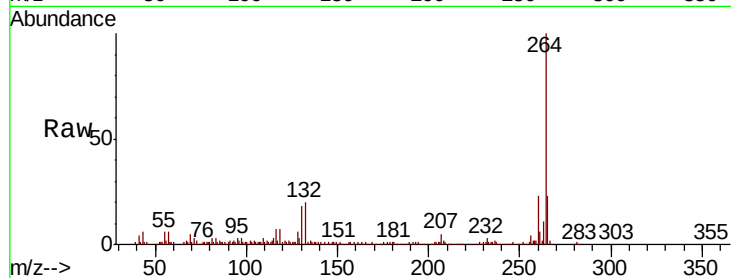
Tot Ion:264 Resp: 201410

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 22.8 17.7 26.5

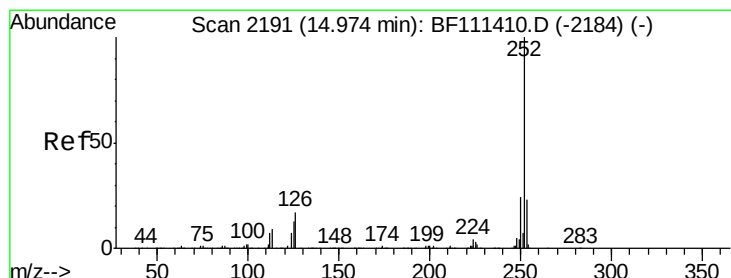
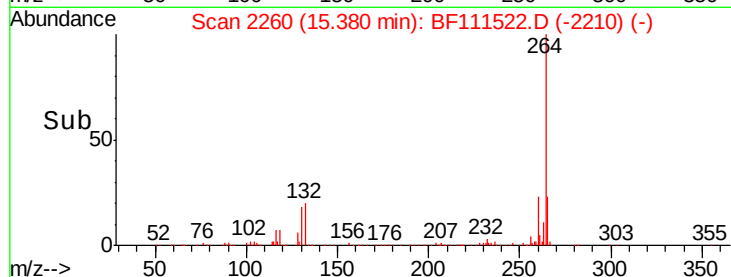
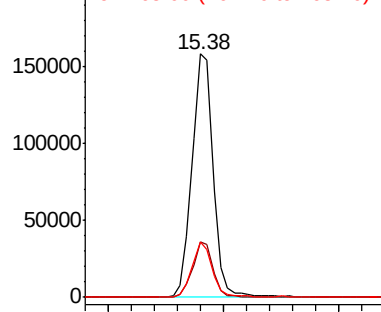


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 32.789 ng

RT: 14.97 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BF111522.D

Acq: 16 Dec 2018 21:46

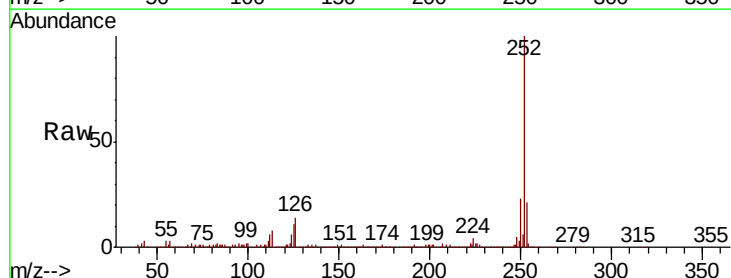
Tgt Ion:252 Resp: 385025

Ion Ratio Lower Upper

252 100

253 20.9 18.2 27.2

125 11.5 10.4 15.6

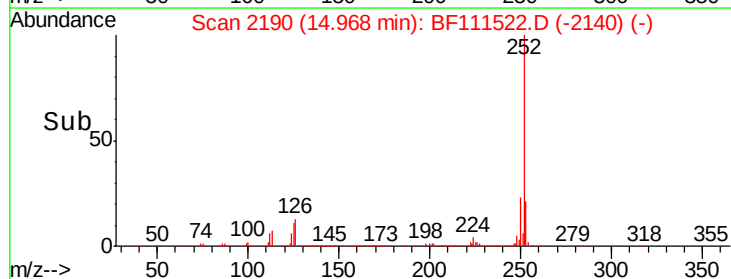
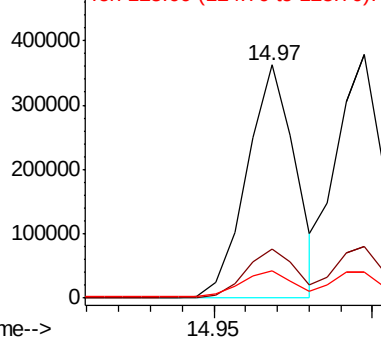


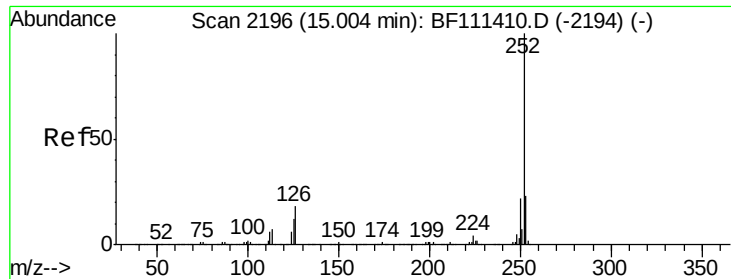
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

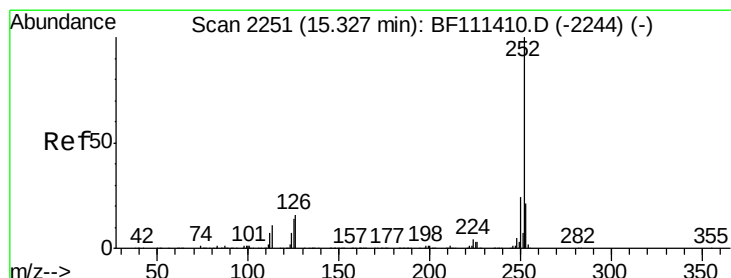
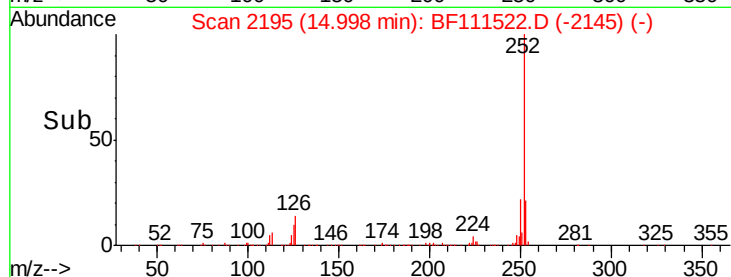
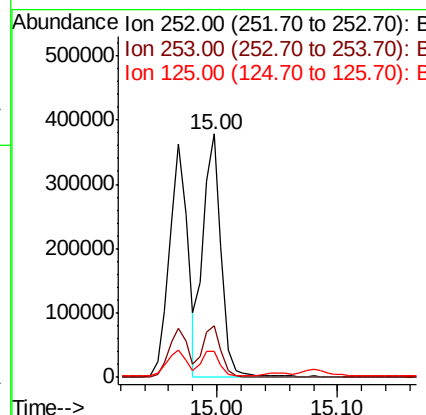
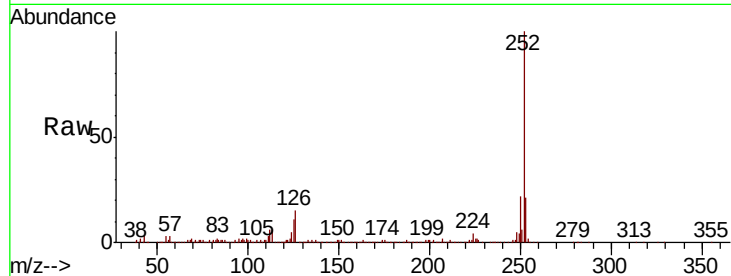




#89
Benzo(k)fluoranthene
Concen: 34.955 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

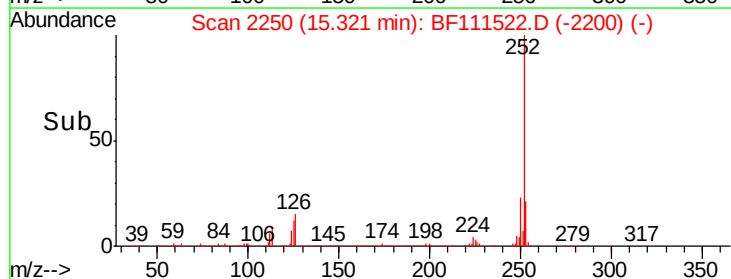
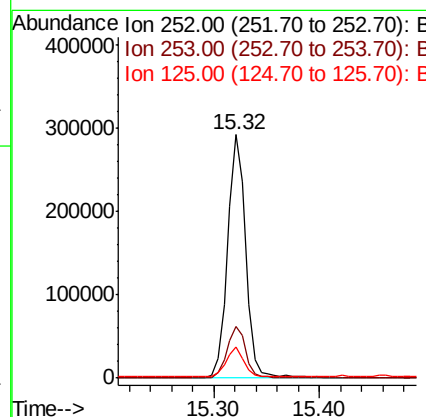
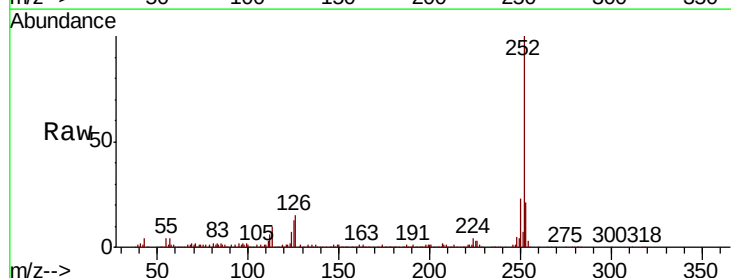
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

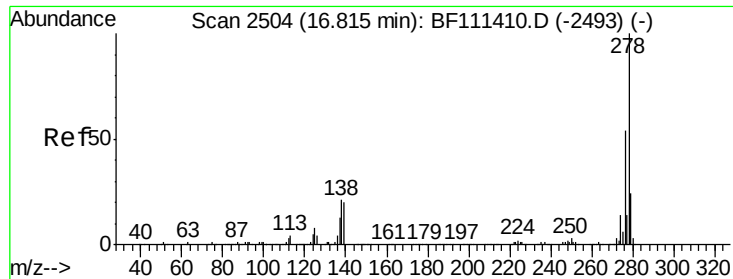
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	10.6	9.8	14.8



#90
Benzo(a)pyrene
Concen: 33.166 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	12.9	12.3	18.5

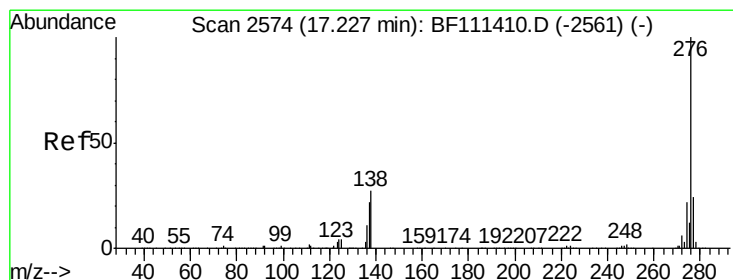
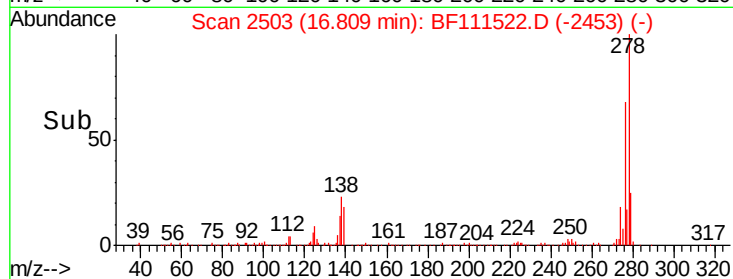
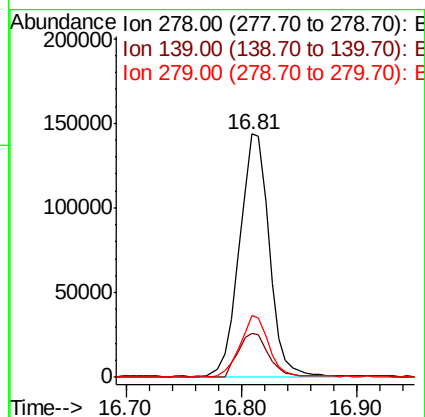
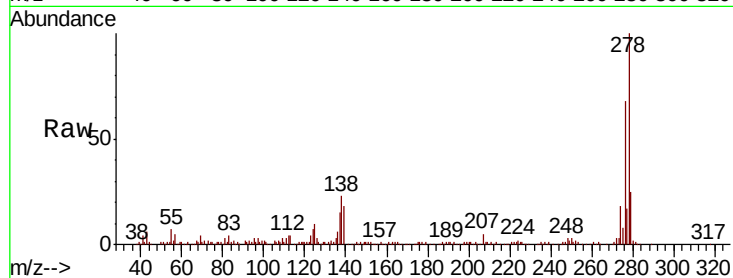




#91
Dibenzo(a,h)anthracene
Concen: 31.061 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	18.2	27.4
279	25.4	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 30.404 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF111522.D
Acq: 16 Dec 2018 21:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	27.0	24.9	37.3

