

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111414.D
 Acq On : 14 Dec 2018 13:06
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 13:32:52 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	199863	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	848857	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	410341	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	733764	20.00	ng	0.00
76) Chrysene-d12	13.96	240	588277	20.00	ng	0.00
87) Perylene-d12	15.39	264	489048	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	978825	81.50	ng	0.00
7) Phenol-d6	6.44	99	1241864	77.73	ng	0.00
23) Nitrobenzene-d5	7.36	82	1177915	82.63	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	283643	77.17	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2099253	79.02	ng	0.00
79) Terphenyl-d14	12.90	244	1864932	74.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	223911	38.600	ng	97
3) Pyridine	3.23	79	595892	40.901	ng	93
4) n-Nitrosodimethylamine	3.17	42	273180	41.281	ng	86
6) Aniline	6.46	93	767479	38.728	ng	# 74
8) 2-Chlorophenol	6.59	128	566407	39.469	ng	94
9) Benzaldehyde	6.34	77	359587	37.108	ng	99
10) Phenol	6.45	94	697253	39.178	ng	# 73
11) bis(2-Chloroethyl)ether	6.53	93	550737	39.476	ng	97
12) 1,3-Dichlorobenzene	6.73	146	611543	38.712	ng	99
13) 1,4-Dichlorobenzene	6.81	146	622093	38.798	ng	98
14) 1,2-Dichlorobenzene	6.97	146	583738	38.698	ng	98
15) Benzyl Alcohol	6.94	79	479017	39.405	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1067911	39.204	ng	99
17) 2-Methylphenol	7.06	107	442651	38.327	ng	95
18) Hexachloroethane	7.31	117	230421	38.614	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	400194	37.968	ng	90
20) 3+4-Methylphenols	7.21	107	557809	38.503	ng	# 86
22) Acetophenone	7.20	105	771019	40.689	ng	# 93
24) Nitrobenzene	7.37	77	585606	40.271	ng	99
25) Isophorone	7.62	82	959485	39.780	ng	98
26) 2-Nitrophenol	7.69	139	309573	41.051	ng	100
27) 2,4-Dimethylphenol	7.74	122	447289	40.913	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	660388	39.661	ng	99
29) 2,4-Dichlorophenol	7.94	162	467551	40.062	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	479855	39.277	ng	99
31) Naphthalene	8.10	128	1553727	39.134	ng	96
32) Benzoic acid	7.86	122	270838	28.668	ng	94
33) 4-Chloroaniline	8.15	127	675573	38.266	ng	99
34) Hexachlorobutadiene	8.22	225	271089	40.275	ng	97
35) Caprolactam	8.53	113	166560	38.439	ng	97
36) 4-Chloro-3-methylphenol	8.64	107	508769	39.605	ng	99
37) 2-Methylnaphthalene	8.79	142	1020356	37.979	ng	99
38) 1-Methylnaphthalene	8.89	142	976589	37.627	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	438643	38.979	ng	98

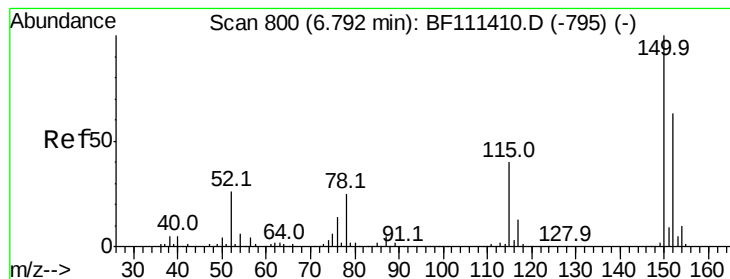
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111414.D
 Acq On : 14 Dec 2018 13:06
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
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 BNA_F
 ClientSampleId :

Quant Time: Dec 14 13:32:52 2018
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 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)
41) Hexachlorocyclopentadiene	8.95	237	239992	41.538	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	314495	39.487	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	336012	39.646	nq	96
46) 1,1'-Biphenyl	9.26	154	1354641	38.961	nq	94
47) 2-Chloronaphthalene	9.28	162	1032440	39.066	nq	97
48) 2-Nitroaniline	9.37	65	335747	39.127	nq	95
49) Acenaphthylene	9.69	152	1538607	39.221	nq	96
50) Dimethylphthalate	9.56	163	1164577	39.408	nq	99
51) 2,6-Dinitrotoluene	9.62	165	266858	40.118	nq	93
52) Acenaphthene	9.87	154	968782	39.072	nq	98
53) 3-Nitroaniline	9.79	138	315743	39.079	nq	94
54) 2,4-Dinitrophenol	9.89	184	98002	38.725	nq	94
55) Dibenzofuran	10.04	168	1412927	39.259	nq	96
56) 4-Nitrophenol	9.96	139	232031	41.498	nq	91
57) 2,4-Dinitrotoluene	10.02	165	351178	40.223	nq	95
58) Fluorene	10.38	166	1019685	39.061	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	262052	39.574	nq	99
60) Diethylphthalate	10.26	149	1176465	39.301	nq	97
61) 4-Chlorophenyl-phenylether	10.37	204	498019	38.993	nq	99
62) 4-Nitroaniline	10.40	138	315179	39.406	nq	99
63) Azobenzene	10.53	77	1133934	38.424	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	161434	38.971	nq	92
66) n-Nitrosodiphenylamine	10.49	169	993362	39.258	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	302053	38.194	nq	98
68) Hexachlorobenzene	10.93	284	317132	38.983	nq	99
69) Atrazine	11.02	200	292653	40.020	nq	96
70) Pentachlorophenol	11.12	266	198101	39.702	nq	96
71) Phenanthrene	11.34	178	1480174	39.148	nq	95
72) Anthracene	11.39	178	1510517	39.065	nq	95
73) Carbazole	11.55	167	1567391	39.199	nq	97
74) Di-n-butylphthalate	11.88	149	1776486	39.893	nq	97
75) Fluoranthene	12.53	202	1486896	40.198	nq	98
77) Benzidine	12.64	184	761103	35.195	nq	98
78) Pyrene	12.76	202	1558735	37.582	nq	97
80) Butylbenzylphthalate	13.37	149	763803	37.781	nq	96
81) Benzo(a)anthracene	13.94	228	1228255	38.399	nq	98
82) 3,3'-Dichlorobenzidine	13.90	252	478448	36.794	nq	96
83) Chrysene	13.98	228	1248813	37.061	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	992643	38.442	nq	98
85) Di-n-octyl phthalate	14.56	149	1731933	39.765	nq	98
86) Indeno(1,2,3-cd)pyrene	16.81	276	852679	35.061	nq	96
88) Benzo(b)fluoranthene	14.98	252	1068257	37.467	nq	99
89) Benzo(k)fluoranthene	15.01	252	1124968	41.293	nq	99
90) Benzo(a)pyrene	15.34	252	1001054	38.934	nq	# 96
91) Dibenzo(a,h)anthracene	16.83	278	729846	35.985	nq	97
92) Benzo(g,h,i)perylene	17.23	276	683308	34.323	nq	95

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

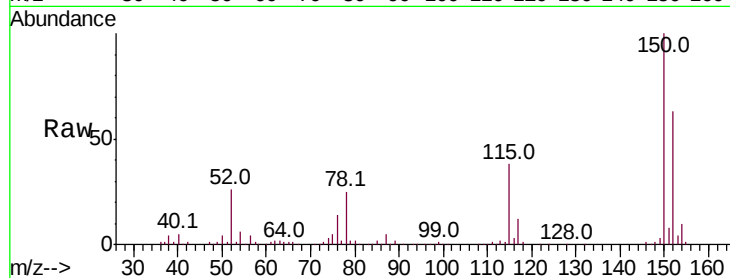


#1

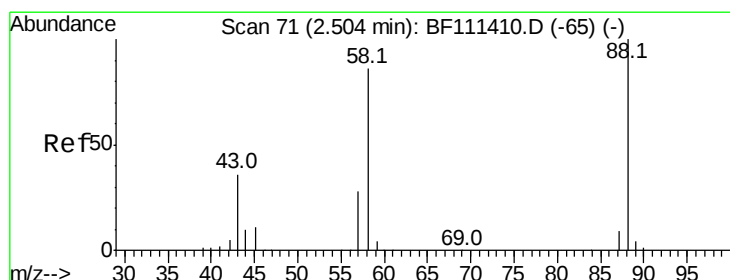
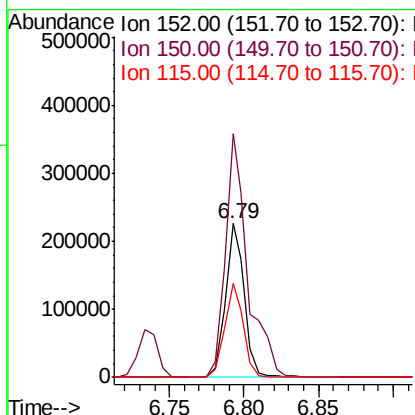
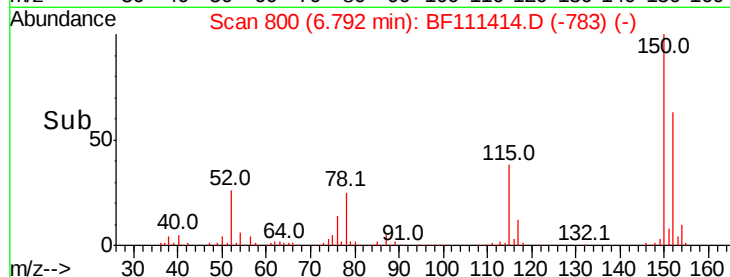
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 199863
Ion Ratio Lower Upper
152 100
150 158.4 126.6 189.8
115 60.8 50.7 76.1



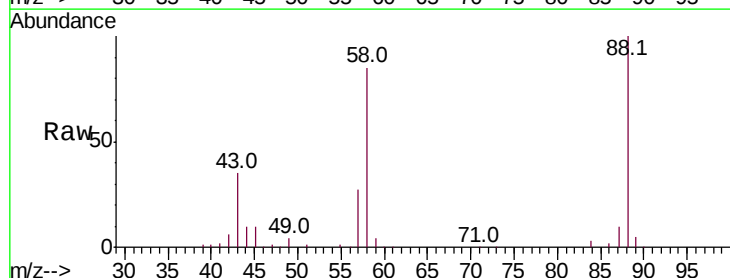
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



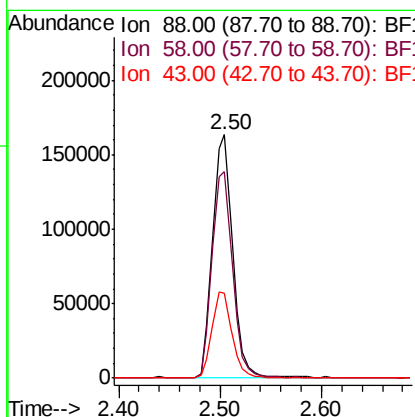
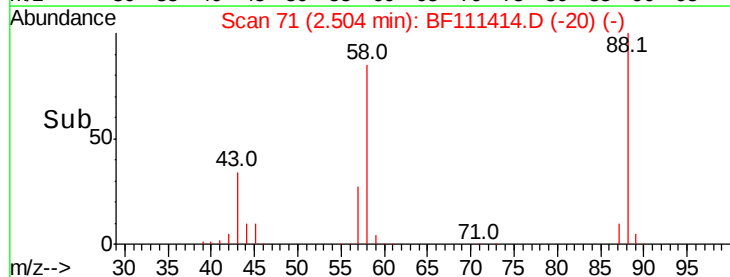
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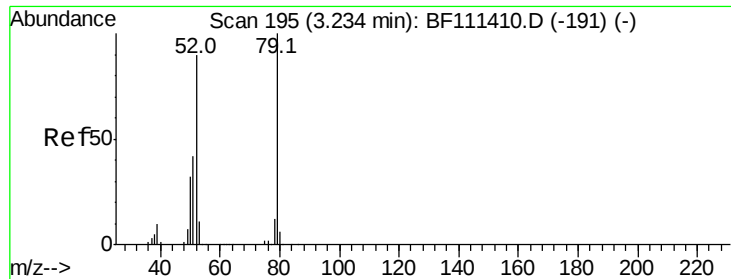
1,4-Dioxane
Concen: 38.600 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion: 88 Resp: 223911
Ion Ratio Lower Upper
88 100
58 87.1 68.9 103.3
43 35.8 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

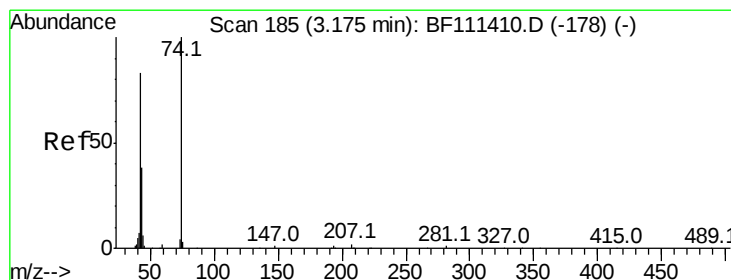
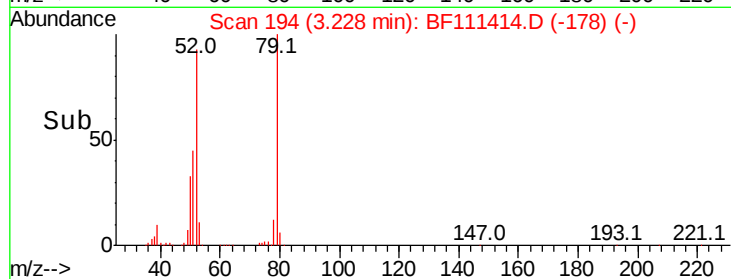
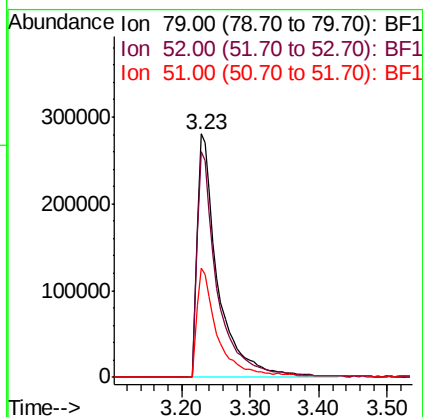
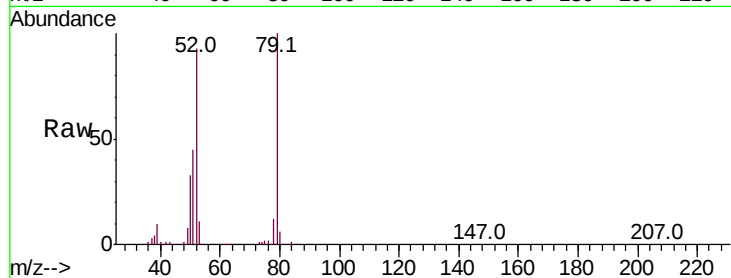




#3
 Pvridine
 Concen: 40.901 ng
 RT: 3.23 min Scan# 194
 Delta R.T. -0.01 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

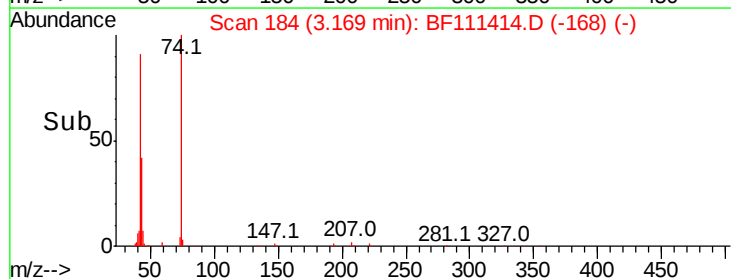
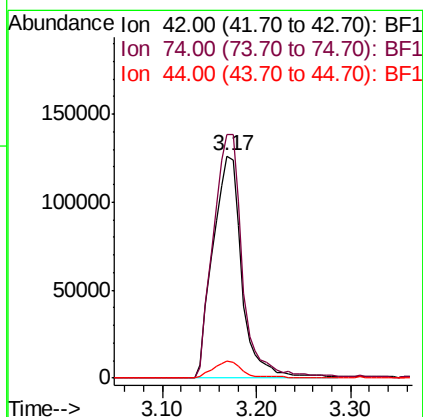
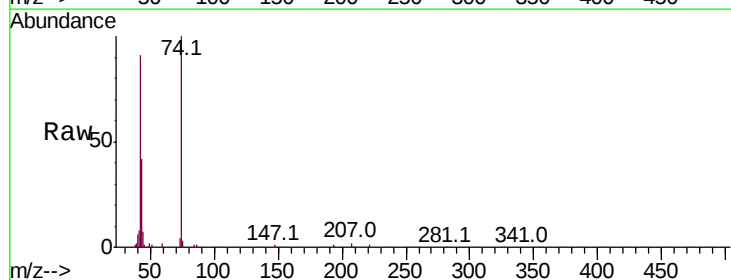
Instrument :
 BNA_F
 ClientSampleId :

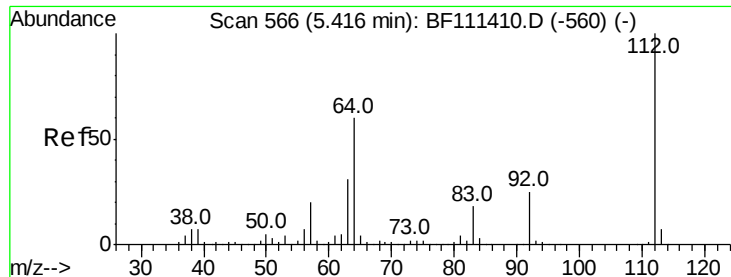
Tot Ion: 79 Resp: 595892
 Ion Ratio Lower Upper
 79 100
 52 92.5 68.3 102.5
 51 44.9 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 41.281 ng
 RT: 3.17 min Scan# 184
 Delta R.T. -0.01 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion: 42 Resp: 273180
 Ion Ratio Lower Upper
 42 100
 74 109.6 101.5 152.3
 44 7.6 6.0 9.0





#5

2-Fluorophenol

Concen: 81.497 ng

RT: 5.42 min Scan# 566

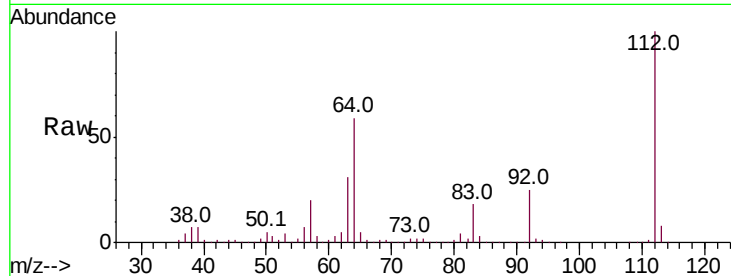
Delta R.T. 0.00 min

Lab File: BF111414.D

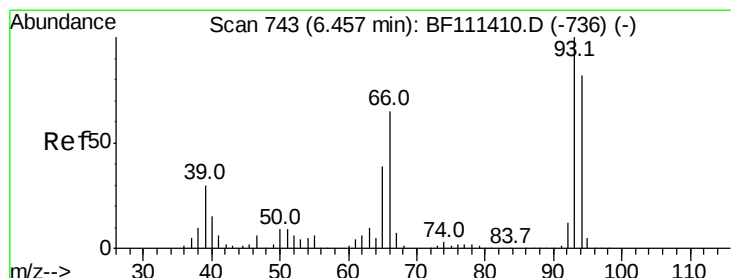
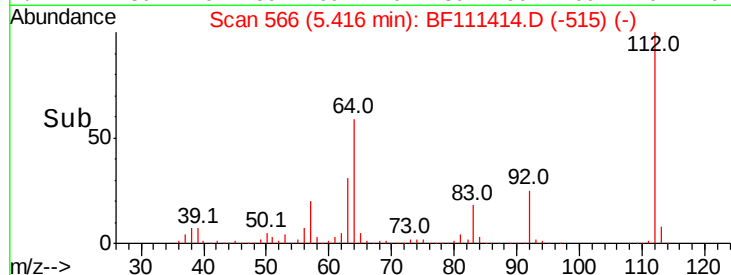
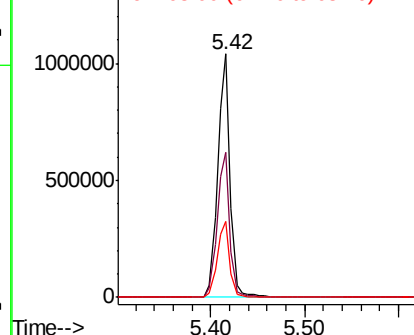
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	978825
Ion	Ratio	Lower	Upper
112	100		
64	59.4	51.8	77.6
63	31.4	26.8	40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.728 ng

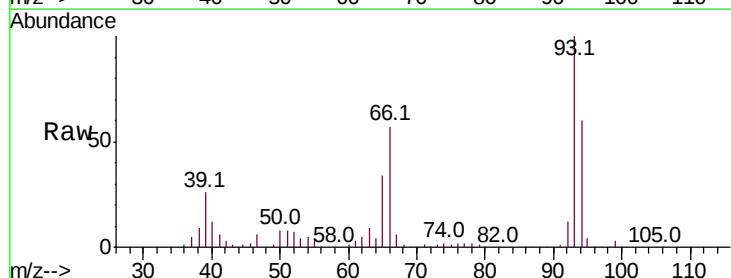
RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

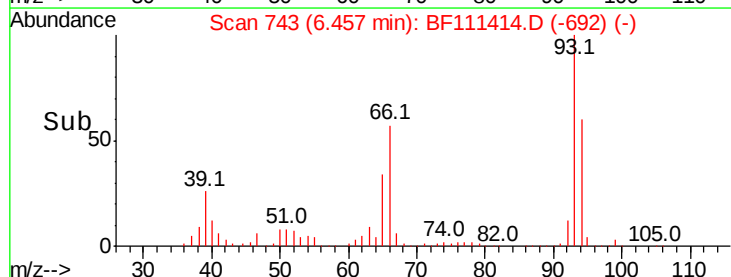
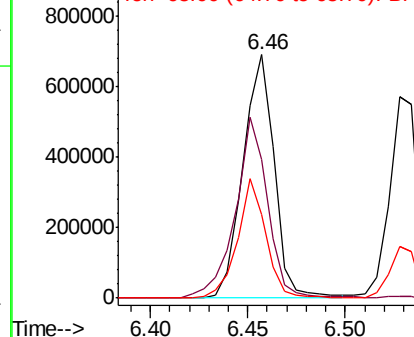
Lab File: BF111414.D

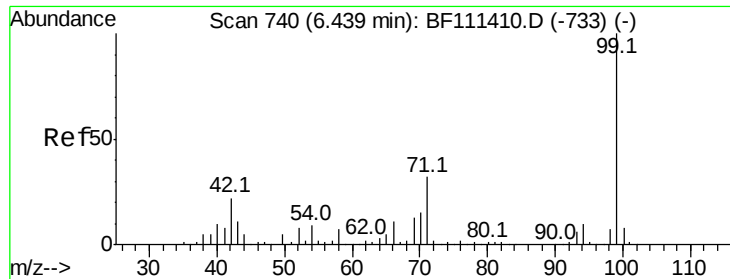
Acq: 14 Dec 2018 13:06

Tgt Ion:	93	Resp:	767479
Ion	Ratio	Lower	Upper
93	100		
66	56.8	33.2	49.8#
65	34.2	17.0	25.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.732 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

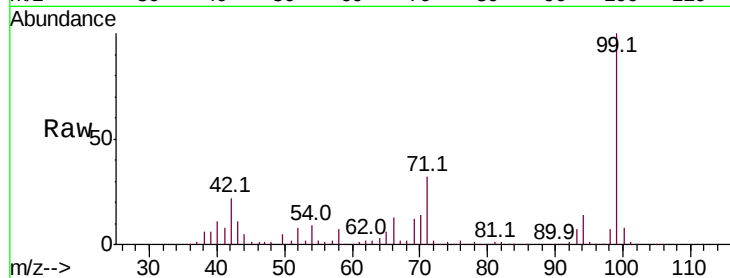
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1241864

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.4	26.0
71	31.5	26.1	39.1

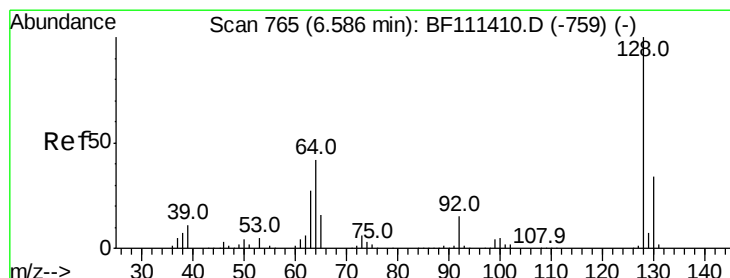
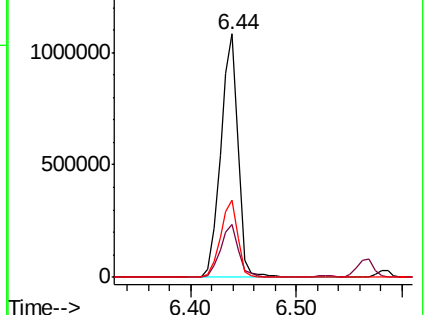
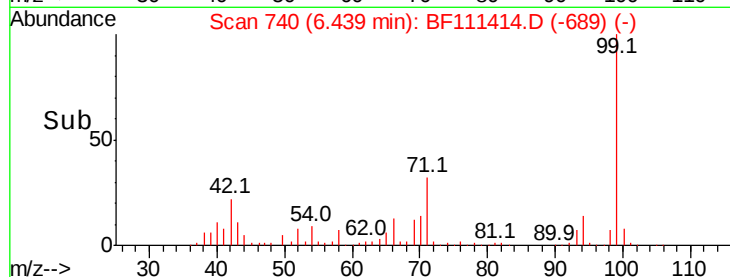


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.469 ng

RT: 6.59 min Scan# 765

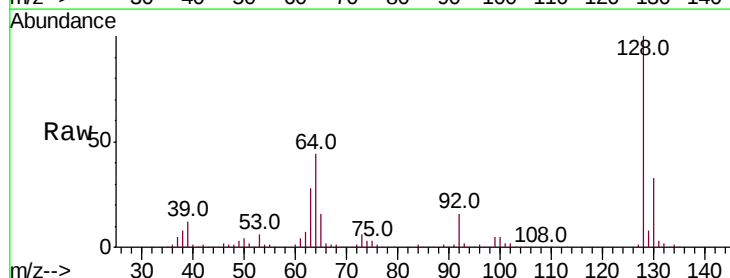
Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Tgt Ion: 128 Resp: 566407

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.7	52.7
64	44.0	30.0	70.0

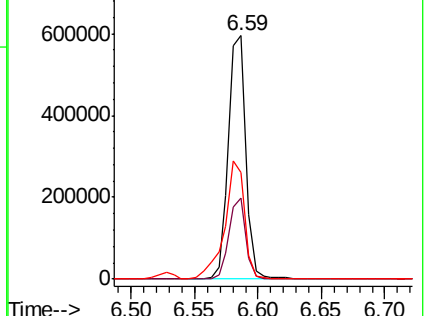
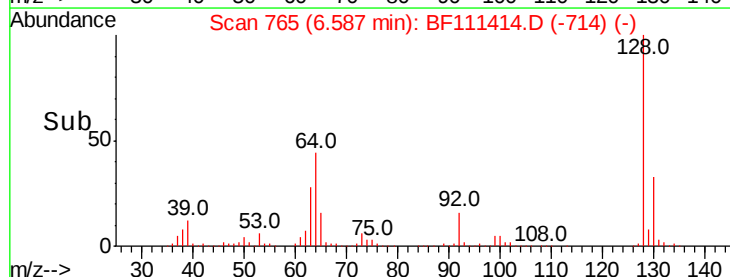


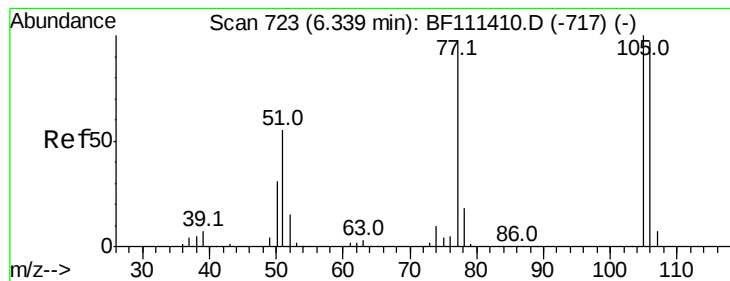
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.108 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampled :

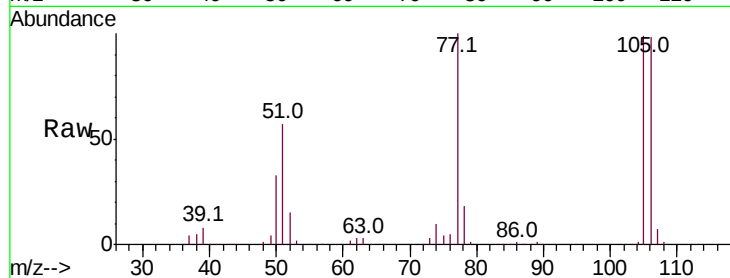
Tot Ion: 77 Resp: 359587

Ion Ratio Lower Upper

77 100

105 99.4 81.4 121.4

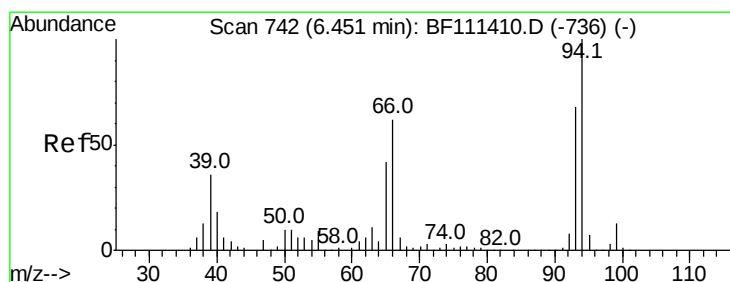
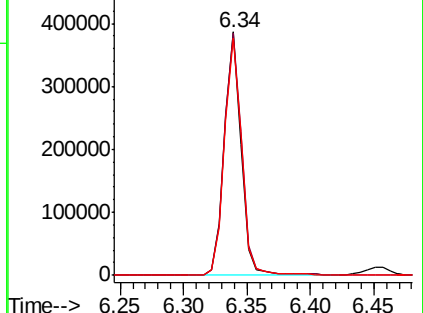
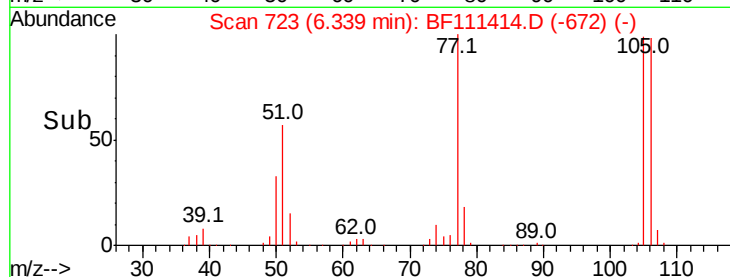
106 97.5 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.178 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

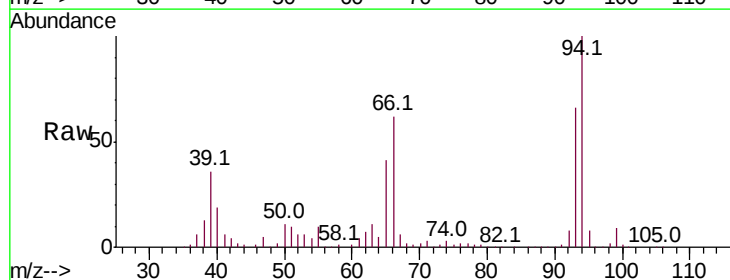
Tgt Ion: 94 Resp: 697253

Ion Ratio Lower Upper

94 100

65 41.3 11.7 51.7

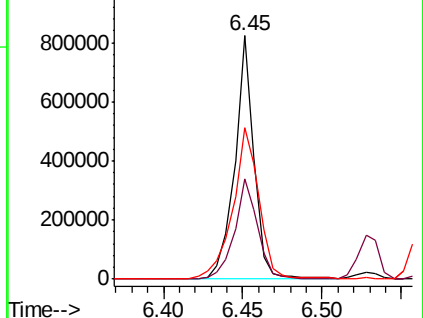
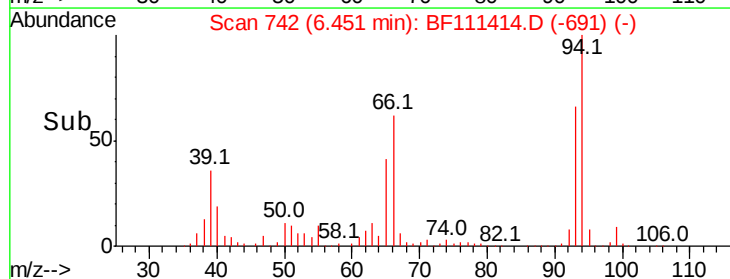
66 62.1 21.0 61.0#

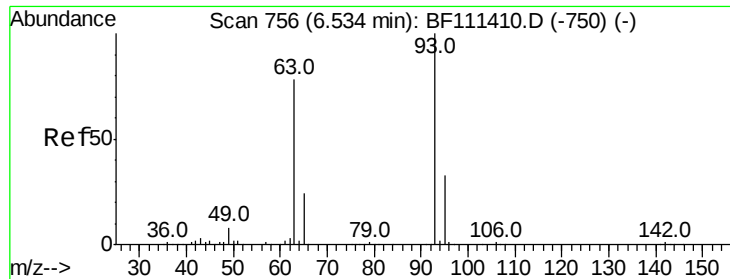


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

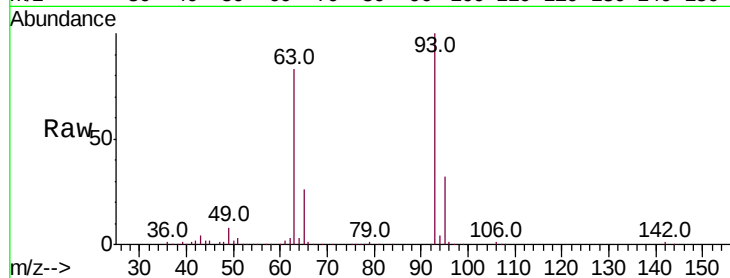




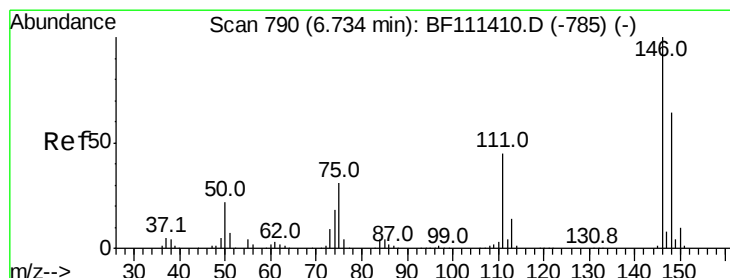
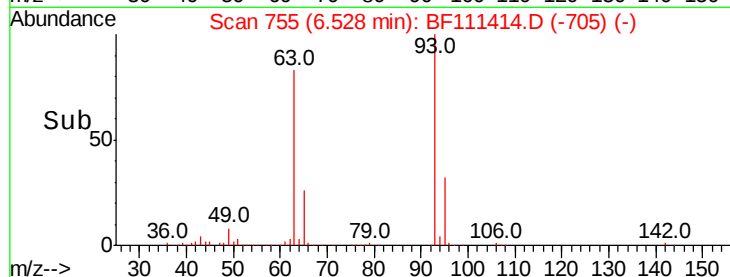
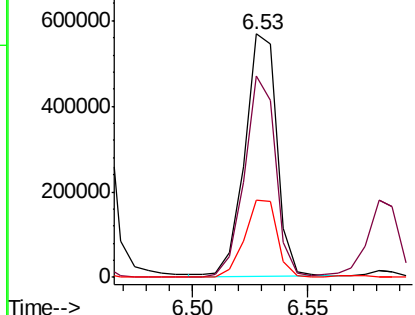
#11
bis(2-Chloroethyl)ether
Concen: 39.476 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 550737
Ion Ratio Lower Upper
93 100
63 82.9 60.0 100.0
95 31.9 13.4 53.4

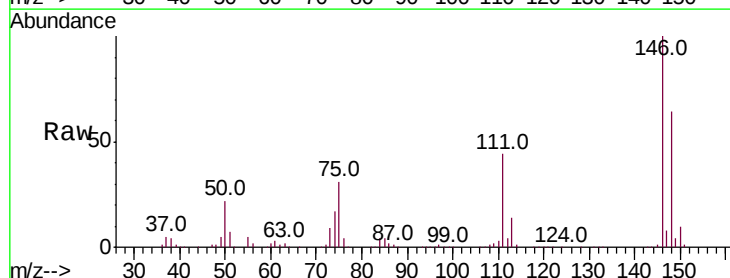


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

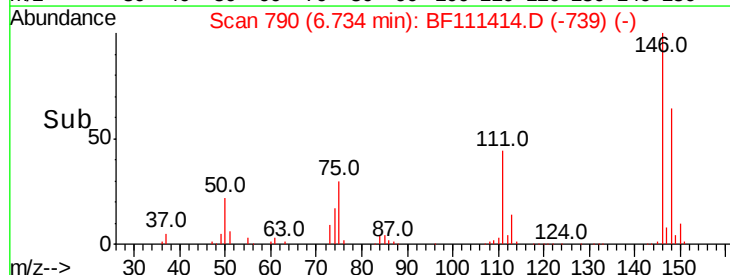
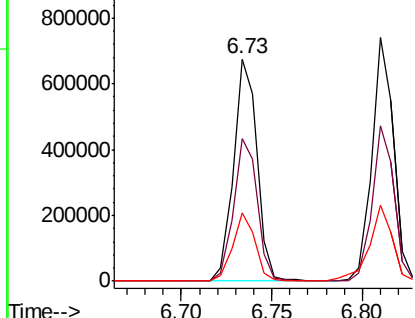


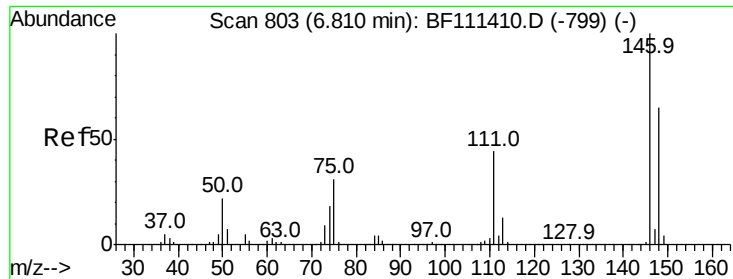
#12
1,3-Dichlorobenzene
Concen: 38.712 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion: 146 Resp: 611543
Ion Ratio Lower Upper
146 100
148 64.3 52.1 78.1
75 30.5 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

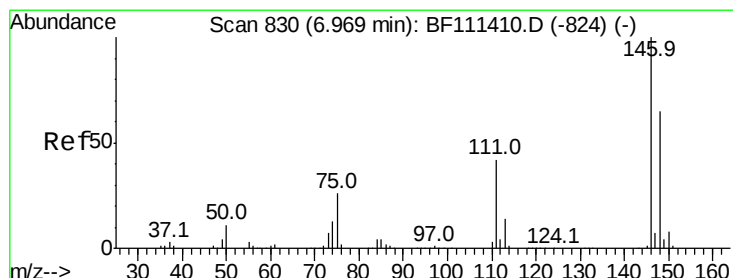
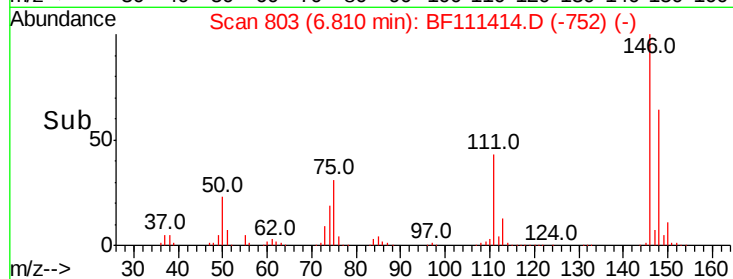
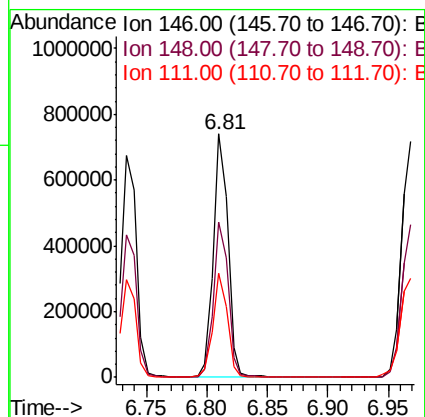
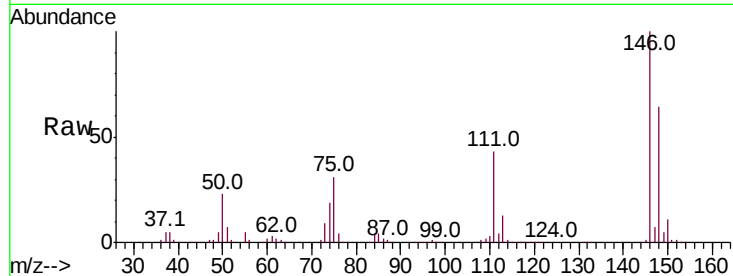




#13
 1,4-Dichlorobenzene
 Concen: 38.798 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

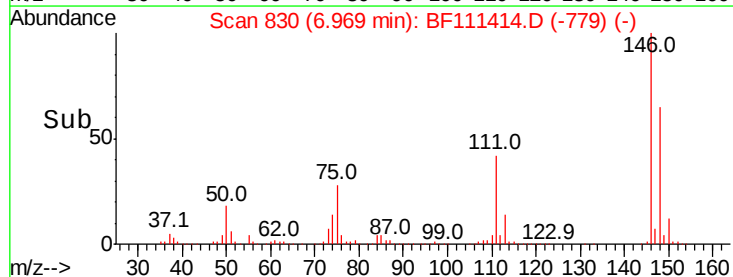
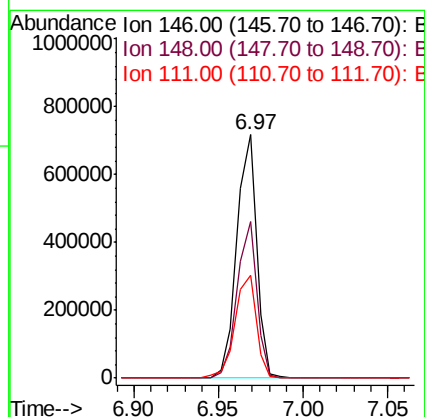
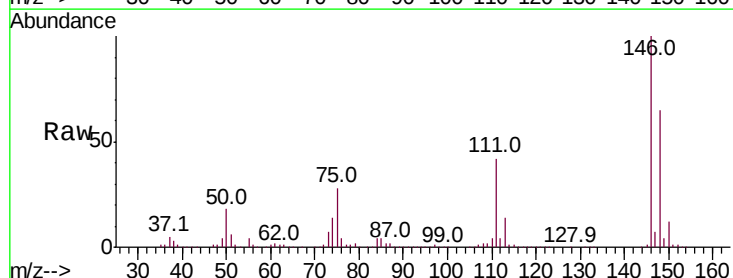
Instrument :
 BNA_F
 ClientSampled :

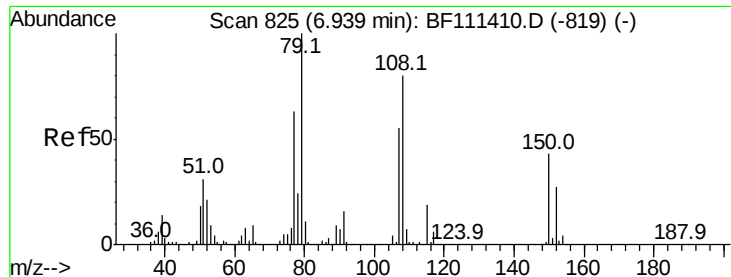
Tot Ion:146 Resp: 622093
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.8 79.2
 111 42.6 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 38.698 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion:146 Resp: 583738
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.9 77.9
 111 42.2 36.2 54.4





#15

Benzyl Alcohol

Concen: 39.405 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :

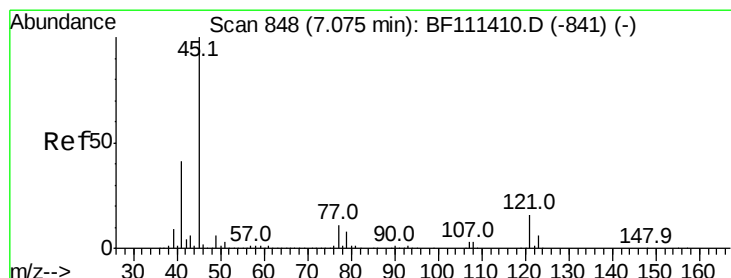
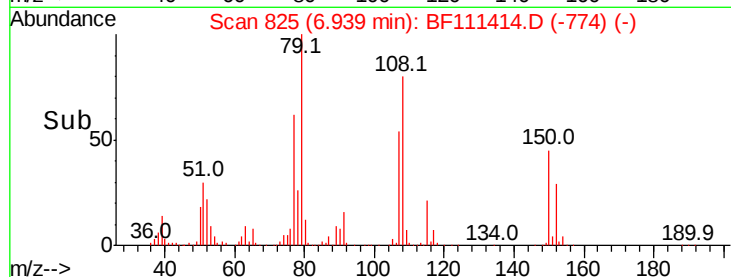
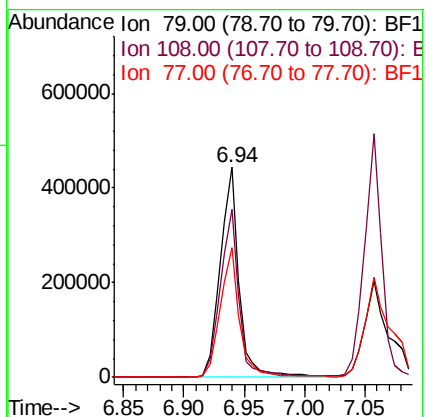
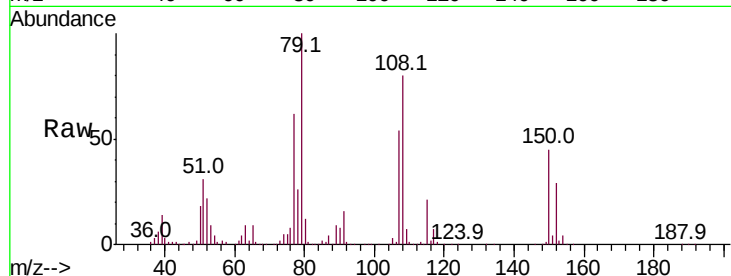
Tot Ion: 79 Resp: 479017

Ion Ratio Lower Upper

79 100

108 80.1 69.4 104.2

77 61.6 49.7 74.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.204 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

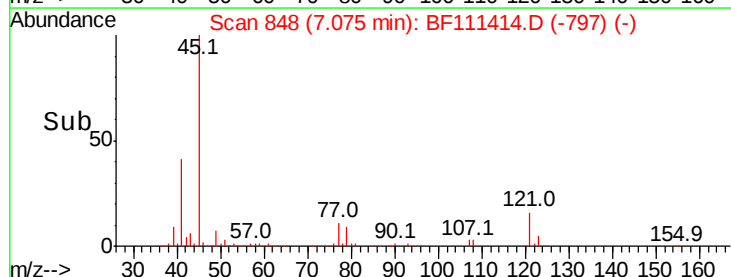
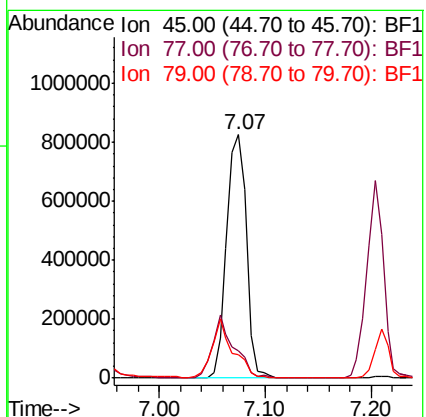
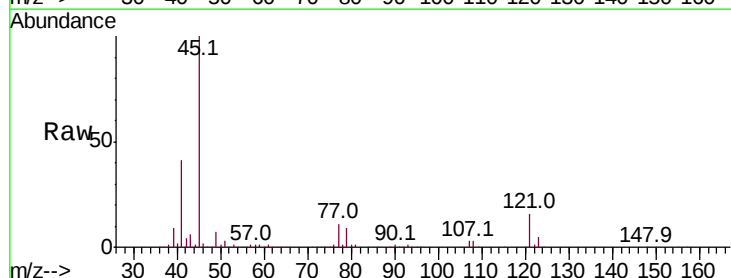
Tgt Ion: 45 Resp: 1067911

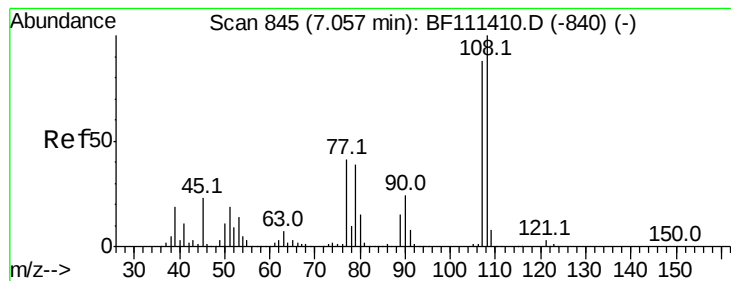
Ion Ratio Lower Upper

45 100

77 11.4 0.0 31.5

79 9.4 0.0 28.9





#17

2-Methylphenol

Concen: 38.327 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 442651

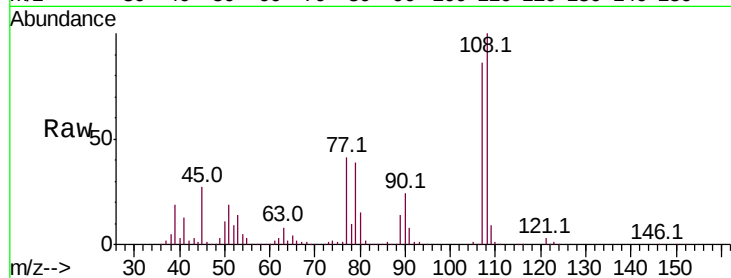
Ion Ratio Lower Upper

107 100

108 116.8 91.0 136.4

77 48.1 33.5 50.3

79 46.1 33.3 49.9

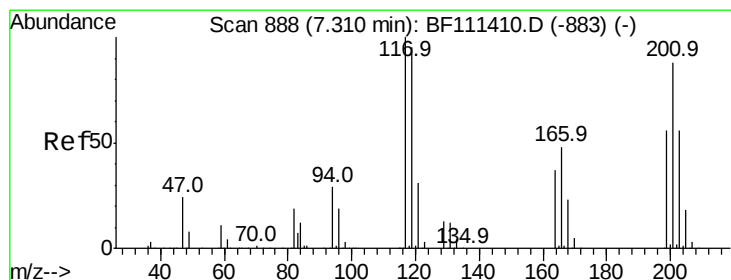
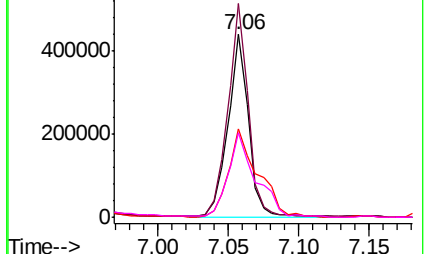
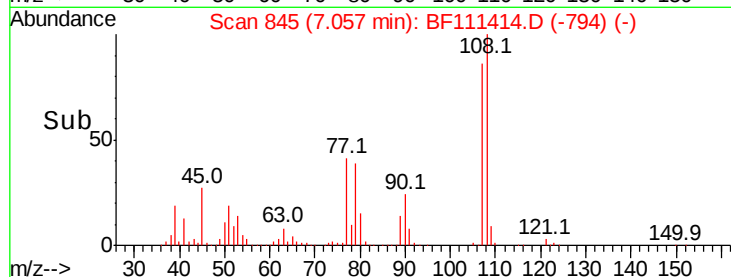


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.614 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

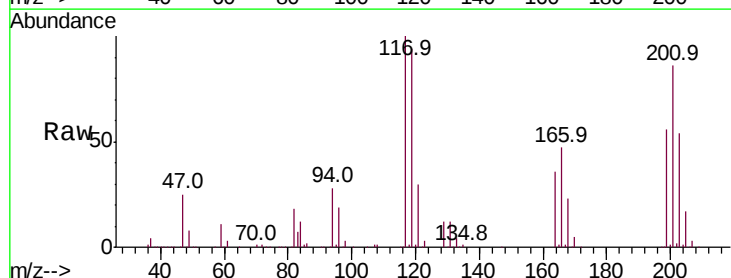
Tgt Ion:117 Resp: 230421

Ion Ratio Lower Upper

117 100

119 94.4 75.4 113.0

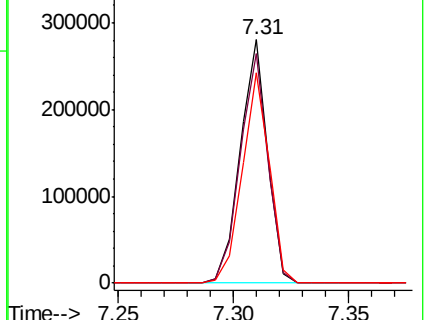
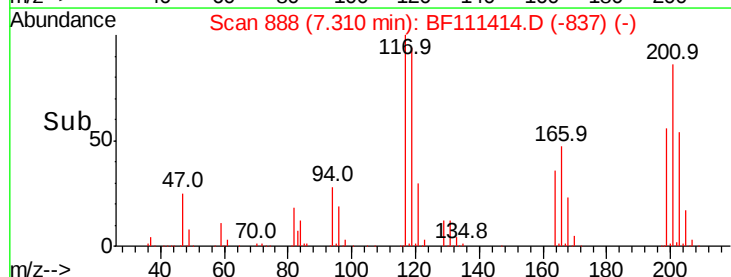
201 86.3 62.4 93.6

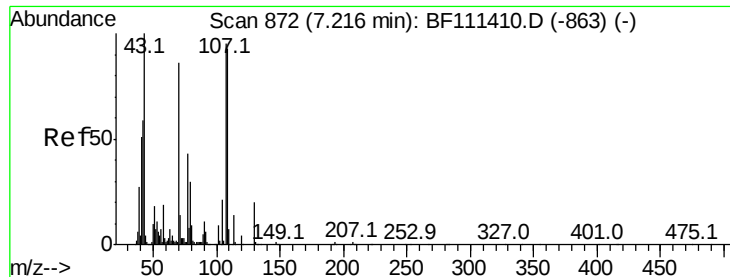


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

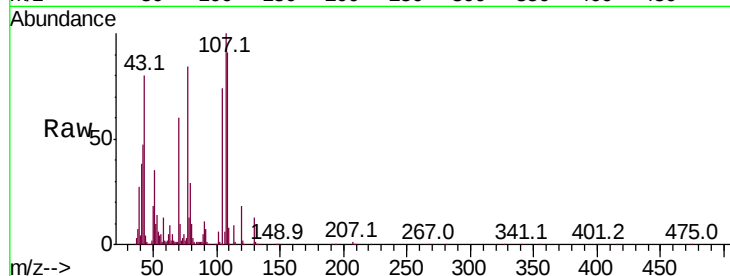




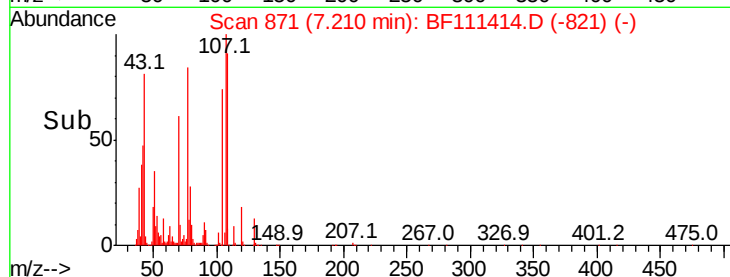
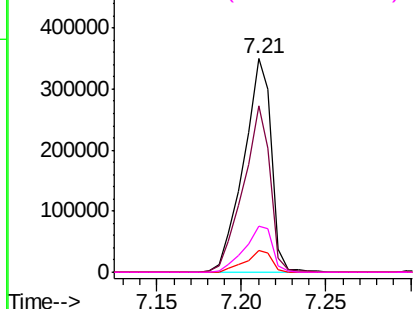
#19
n-Nitroso-di-n-propylamine
Concen: 37.968 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 400194
Ion Ratio Lower Upper
70 100
42 78.0 53.2 79.8
101 10.1 8.2 12.4
130 21.7 18.1 27.1



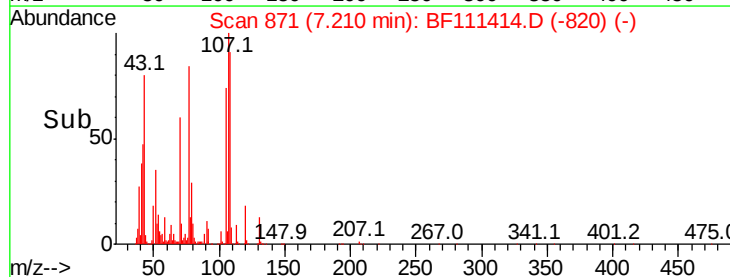
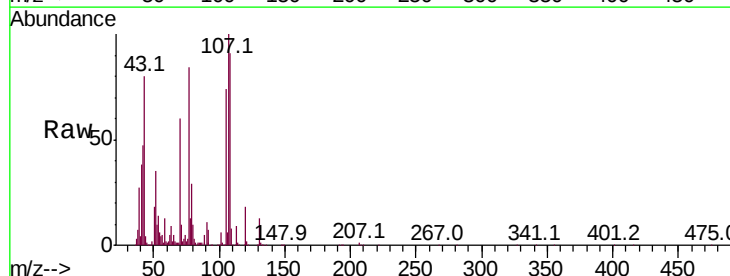
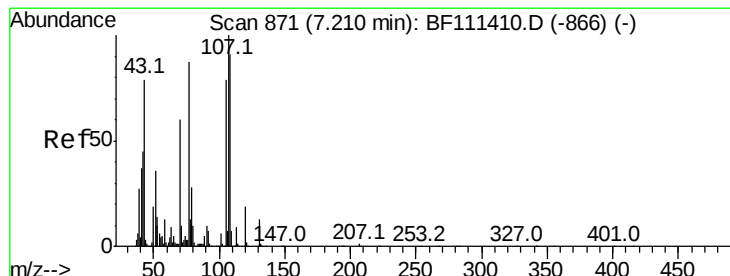
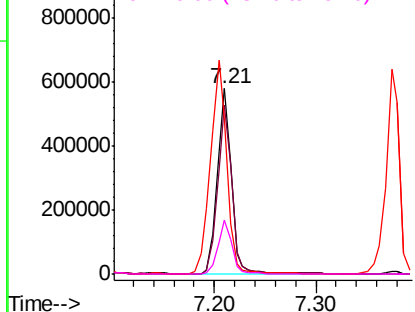
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

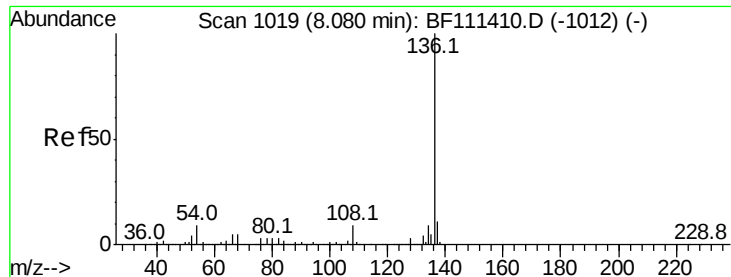


#20
3+4-Methylphenols
Concen: 38.503 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion:107 Resp: 557809
Ion Ratio Lower Upper
107 100
108 91.2 72.1 112.1
77 84.3 94.1 134.1#
79 28.7 9.8 49.8

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 848857

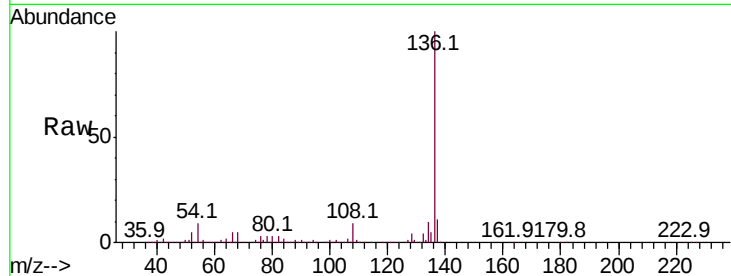
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.9 7.7 11.5

68 4.7 4.9 7.3#

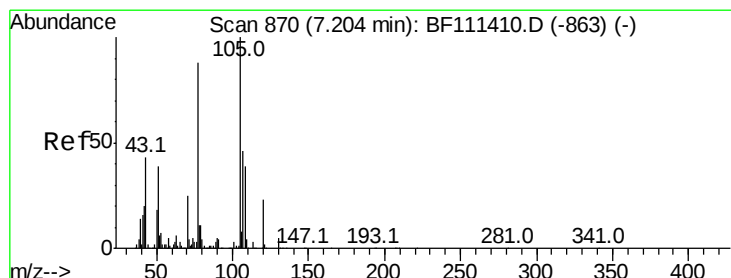
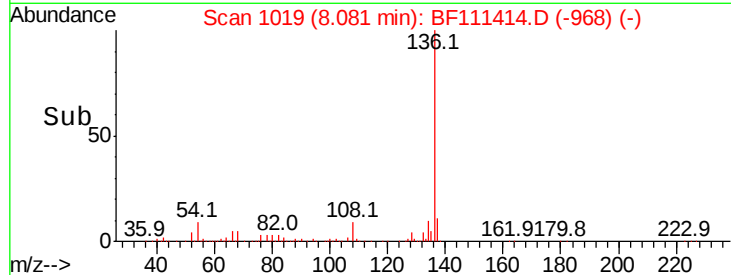
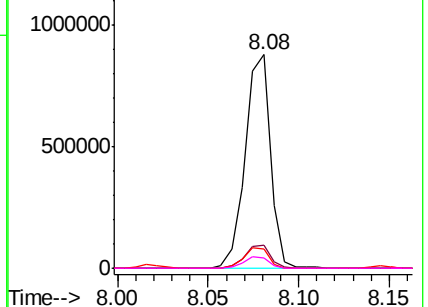


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.689 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Tgt Ion:105 Resp: 771019

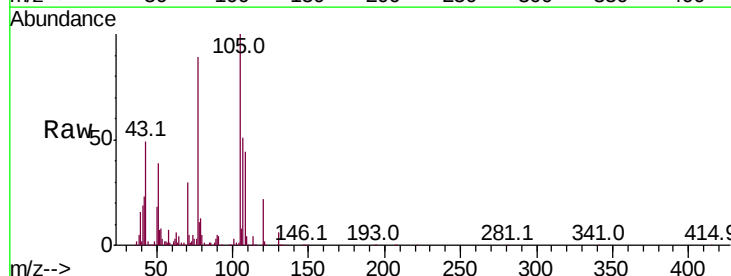
Ion Ratio Lower Upper

105 100

71 5.0 3.1 4.7#

51 39.3 36.6 54.8

120 22.2 18.2 27.4

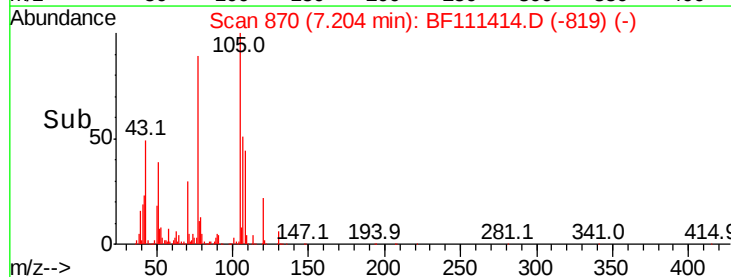
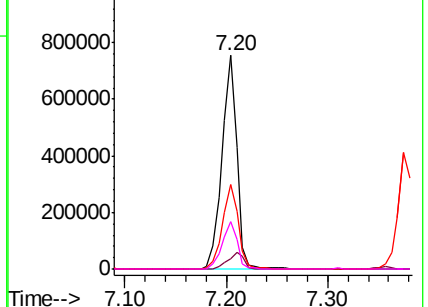


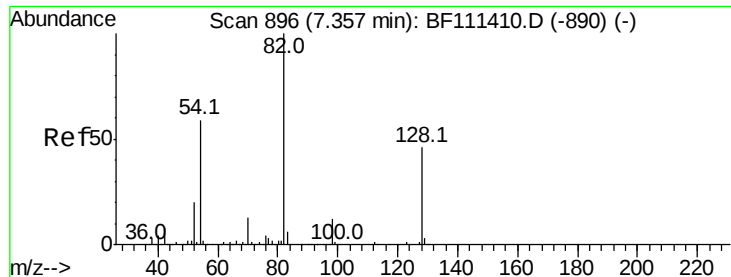
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

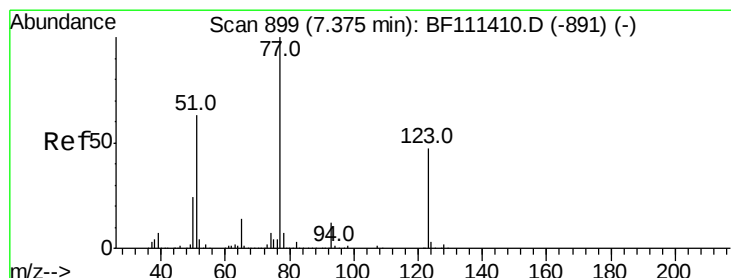
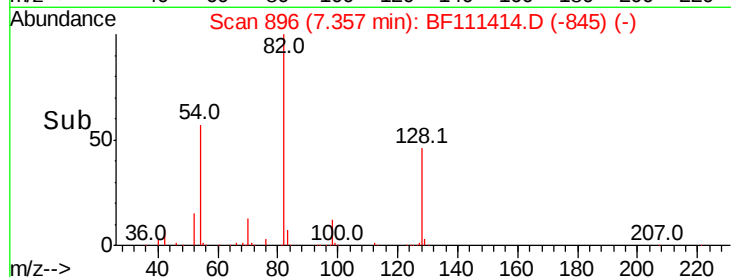
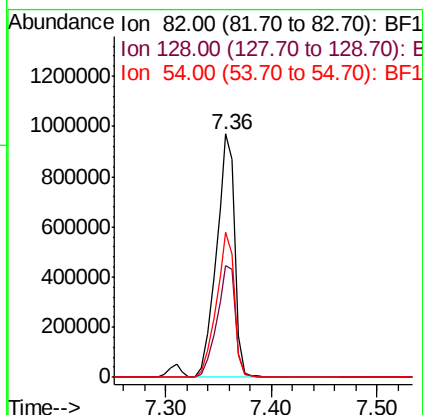
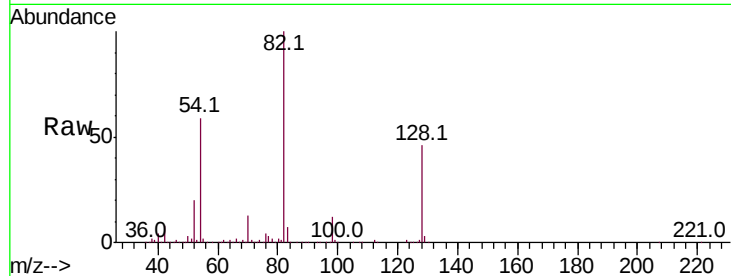




#23
 Nitrobenzene-d5
 Concen: 82.633 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

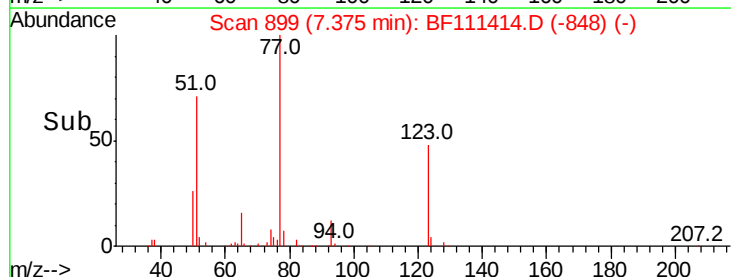
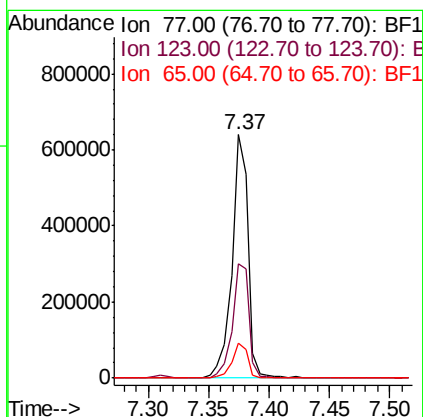
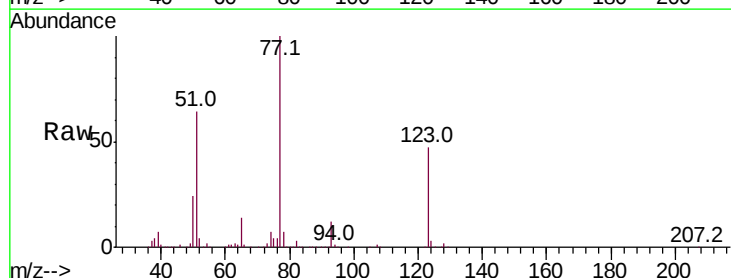
Instrument :
 BNA_F
 ClientSampleId :

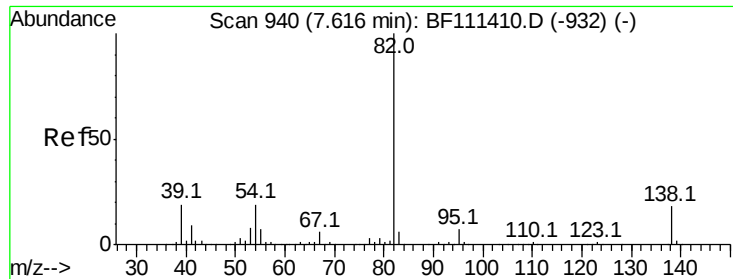
Tot Ion: 82 Resp: 1177915
 Ion Ratio Lower Upper
 82 100
 128 46.1 37.4 56.2
 54 59.4 47.6 71.4



#24
 Nitrobenzene
 Concen: 40.271 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion: 77 Resp: 585606
 Ion Ratio Lower Upper
 77 100
 123 47.1 37.2 55.8
 65 14.3 11.5 17.3

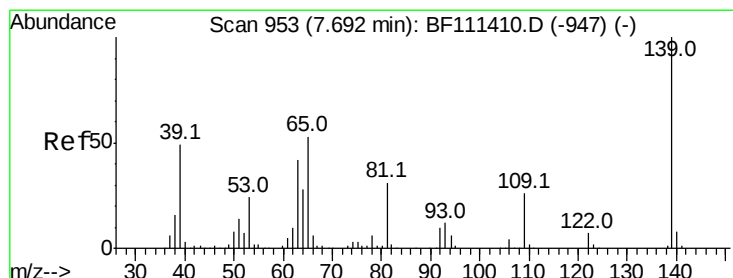
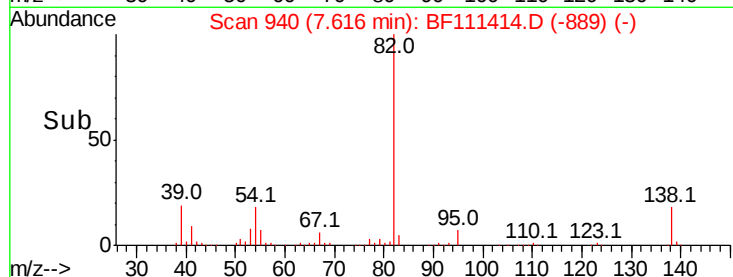
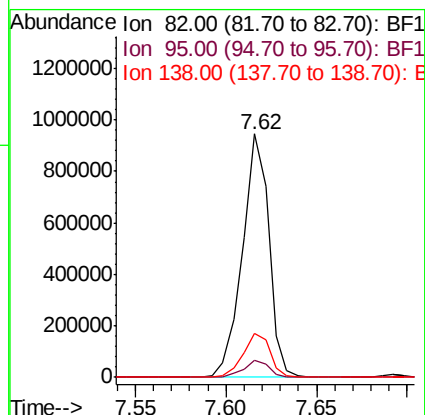
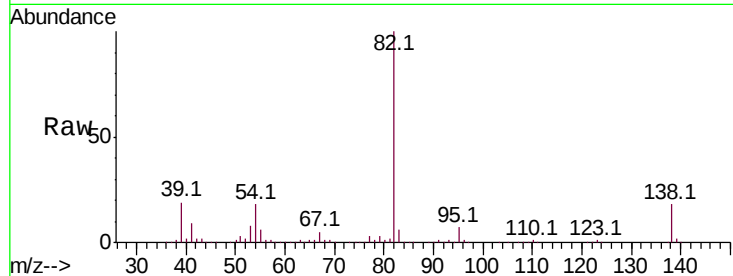




#25
Isophorone
Concen: 39.780 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

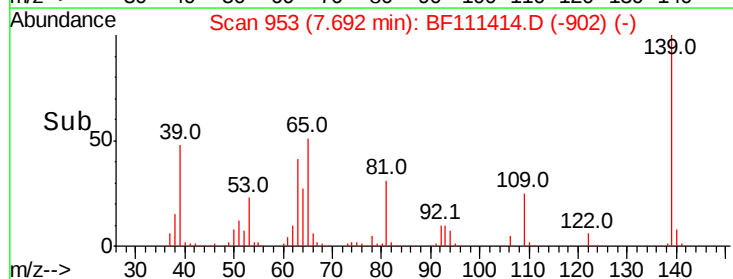
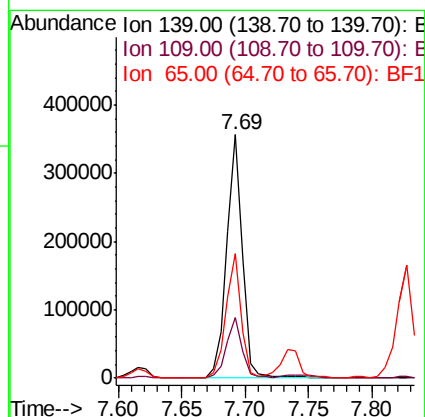
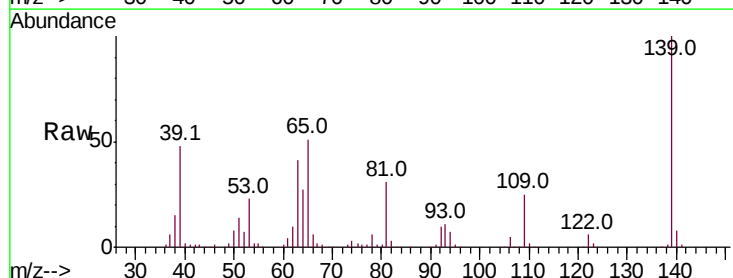
Instrument :
BNA_F
ClientSampleId :

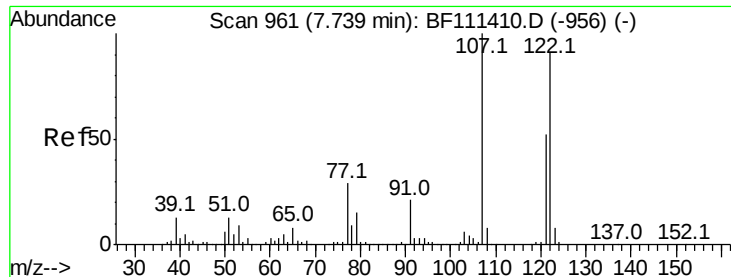
Tot Ion: 82 Resp: 959485
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.9 15.1 22.7



#26
2-Nitrophenol
Concen: 41.051 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion: 139 Resp: 309573
Ion Ratio Lower Upper
139 100
109 25.1 20.2 30.4
65 51.1 40.7 61.1

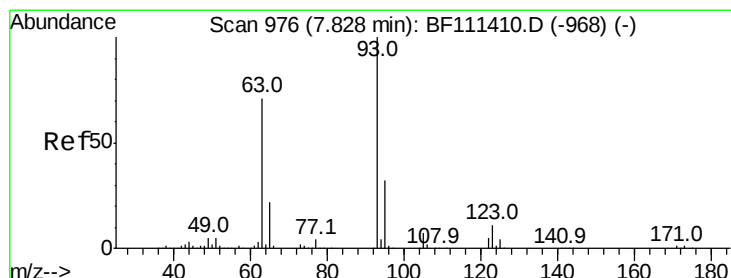
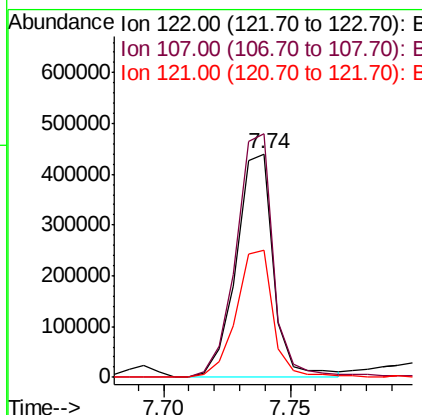
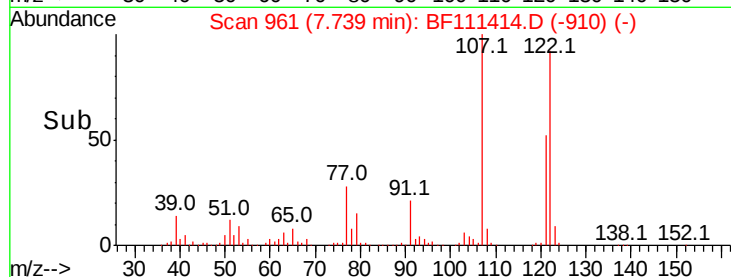
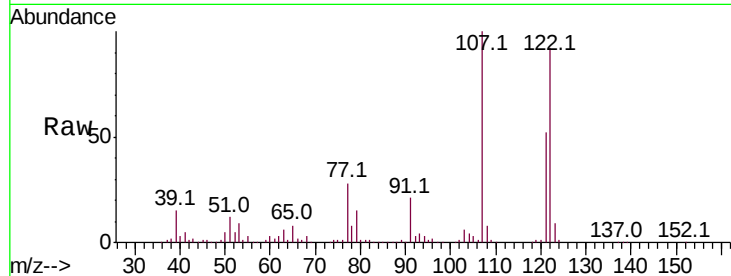




#27
2,4-Dimethylphenol
Concen: 40.913 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

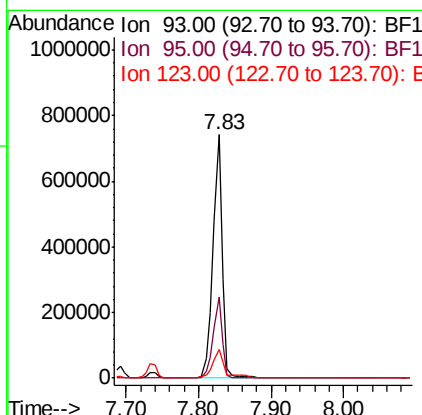
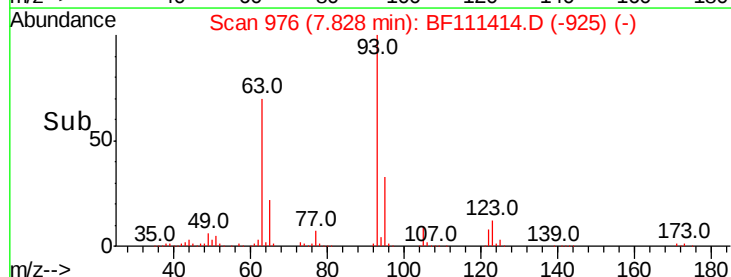
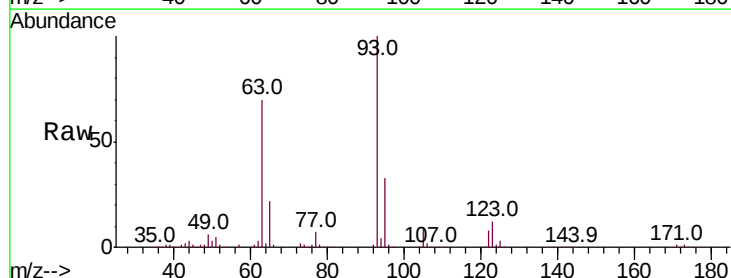
Instrument :
BNA_F
ClientSampleId :

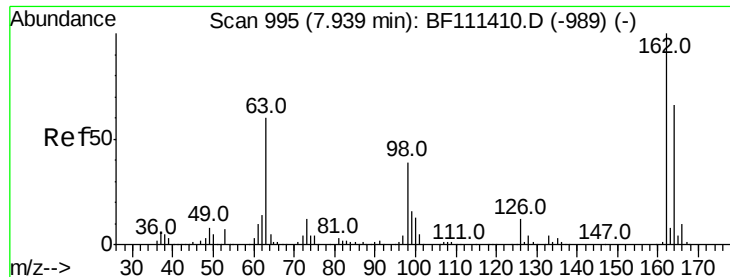
Tot Ion:122 Resp: 447289
Ion Ratio Lower Upper
122 100
107 109.1 85.5 128.3
121 57.0 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.661 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion: 93 Resp: 660388
Ion Ratio Lower Upper
93 100
95 33.4 27.1 40.7
123 12.0 9.9 14.9

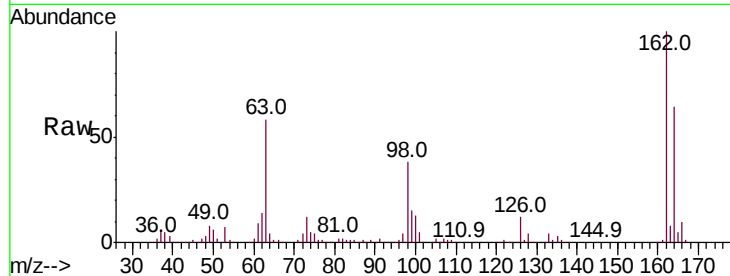




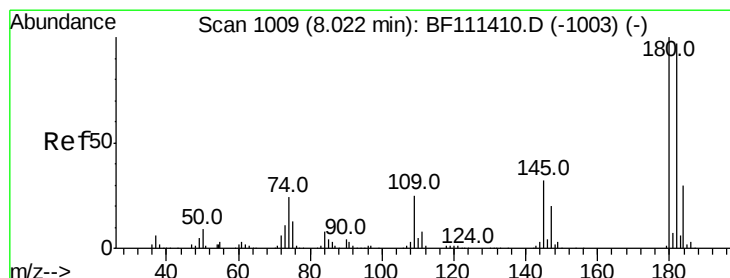
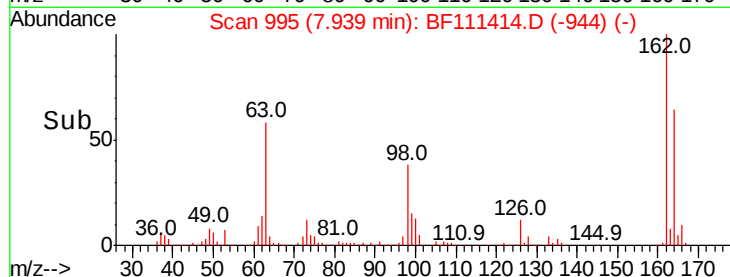
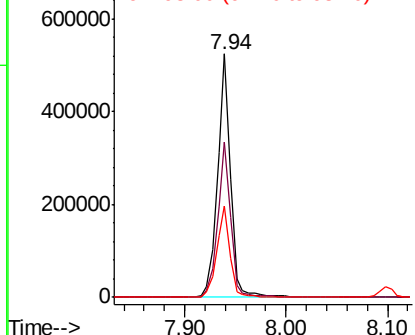
#29
2,4-Dichlorophenol
Concen: 40.062 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.4	84.4
98	37.7	20.3	60.3

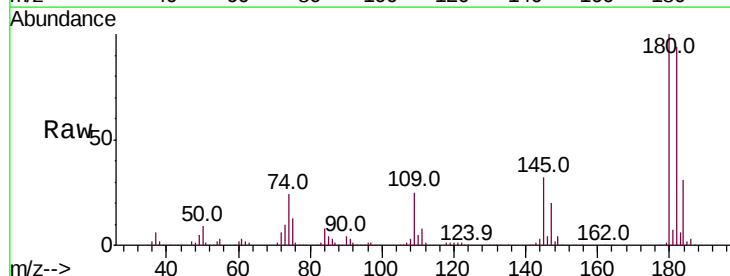


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

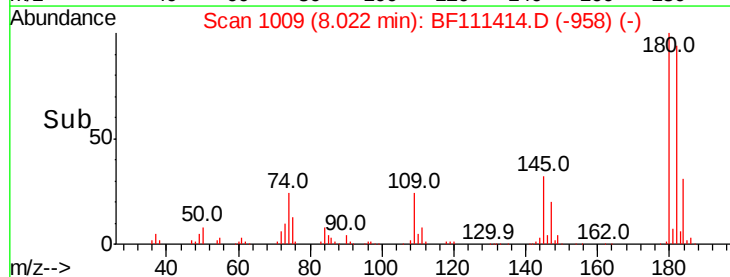
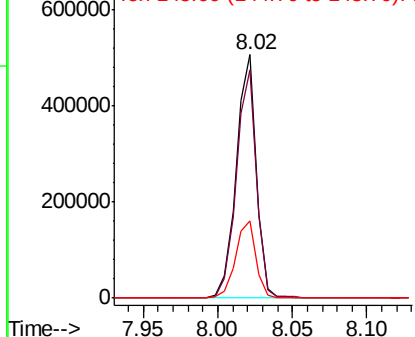


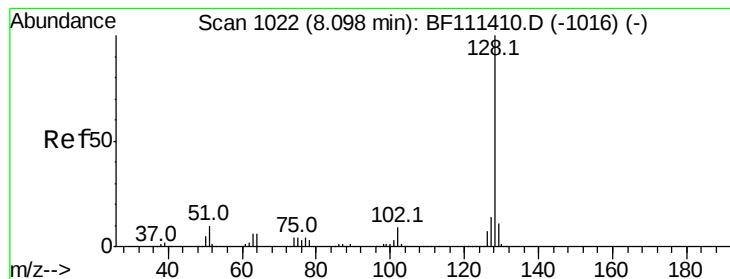
#30
1,2,4-Trichlorobenzene
Concen: 39.277 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.6	113.4
145	31.6	26.7	40.1



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





#31

Naphthalene

Concen: 39.134 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

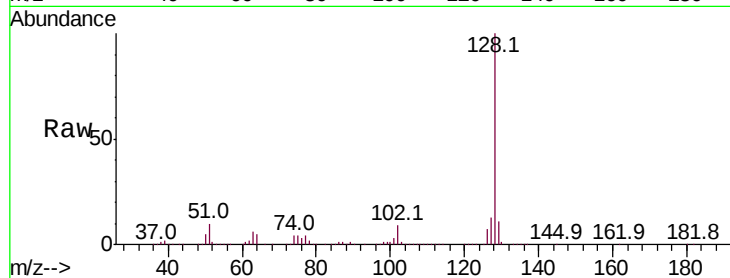
Tot Ion:128 Resp: 1553727

Ion Ratio Lower Upper

128 100

129 11.2 9.8 14.8

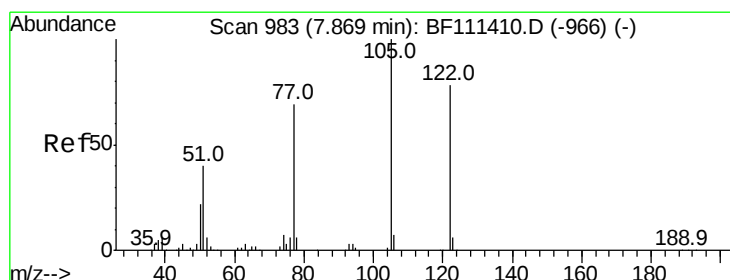
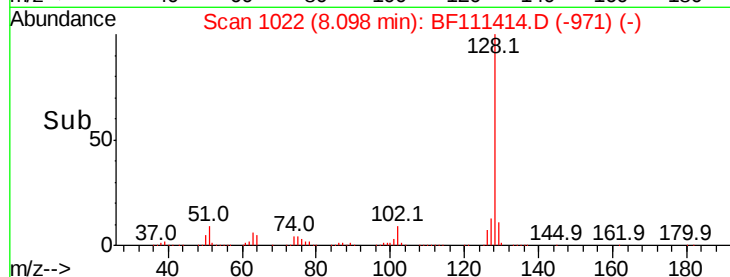
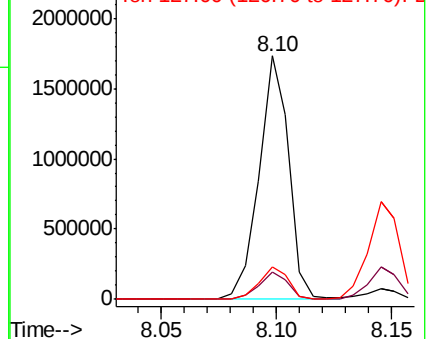
127 13.2 12.0 18.0



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: 28.668 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

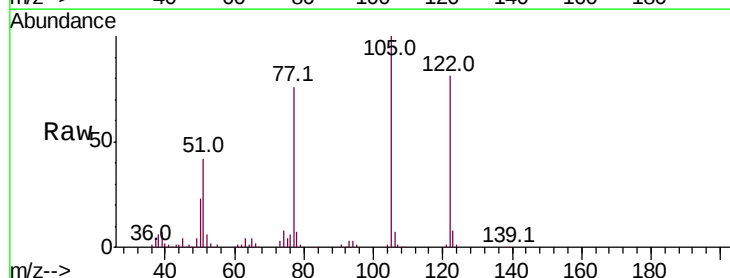
Tgt Ion:122 Resp: 270838

Ion Ratio Lower Upper

122 100

105 123.0 97.0 137.0

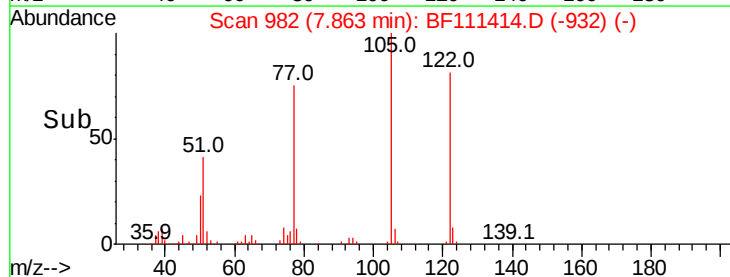
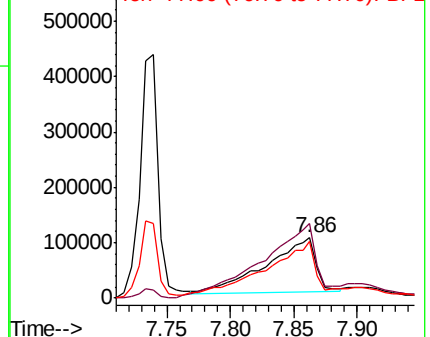
77 92.9 65.7 105.7

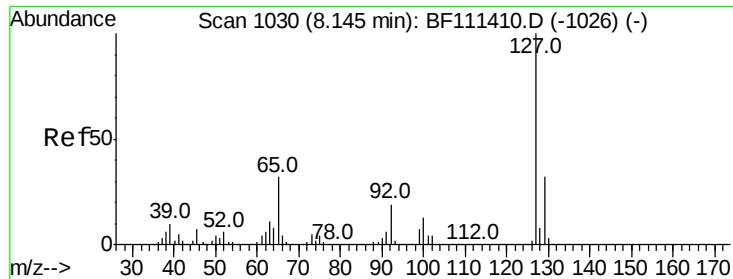


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

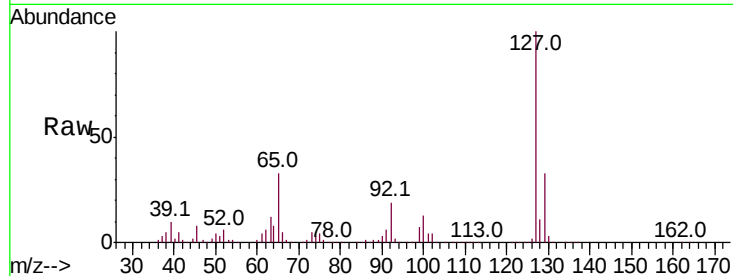




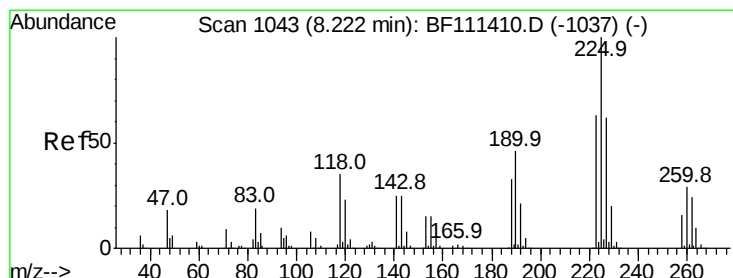
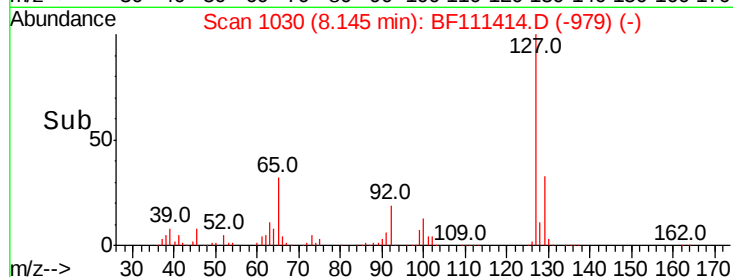
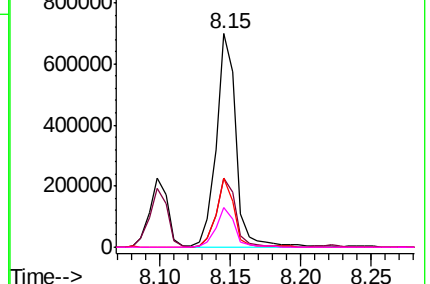
#33
4-Chloroaniline
Concen: 38.266 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	675573
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.6 39.8
65	32.6	25.7 38.5
92	18.6	15.4 23.2

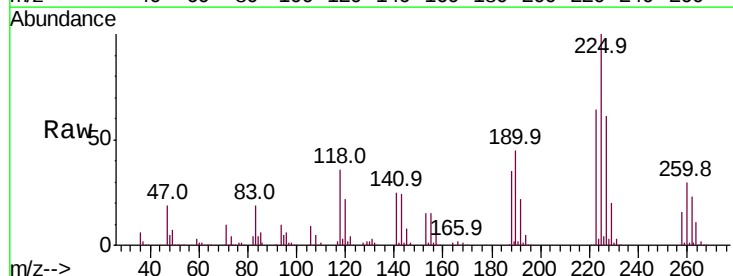


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

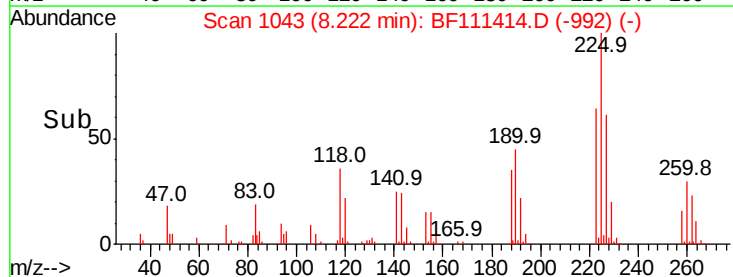
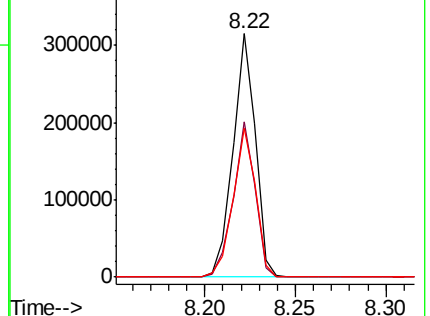


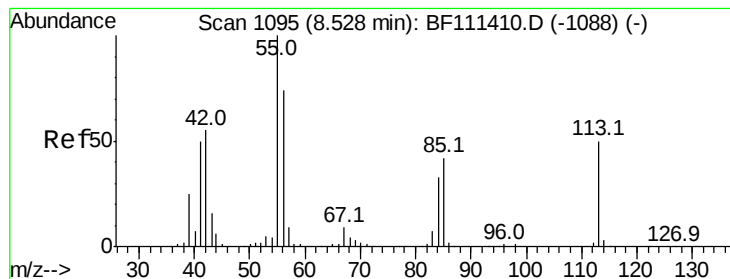
#34
Hexachlorobutadiene
Concen: 40.275 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion:225	Resp:	271089
Ion Ratio	Lower	Upper
225	100	
223	64.0	50.7 76.1
227	61.0	52.6 78.8



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





#35

Caprolactam

Concen: 38.439 ng

RT: 8.53 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampled :

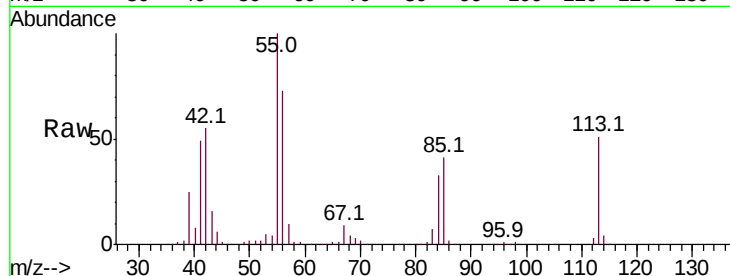
Tot Ion:113 Resp: 166560

Ion Ratio Lower Upper

113 100

55 197.5 184.1 224.1

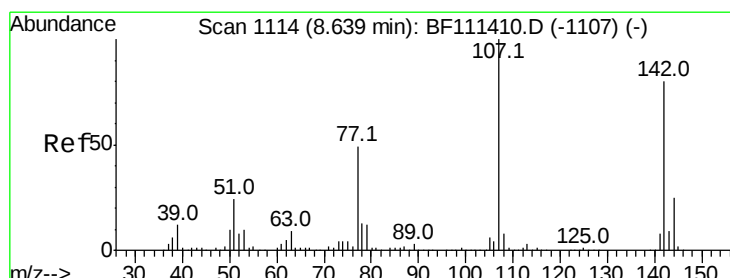
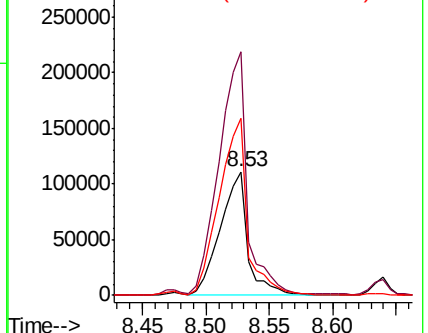
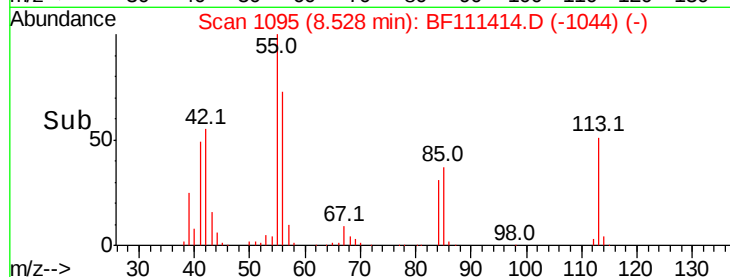
56 143.5 126.0 166.0



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: 39.605 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

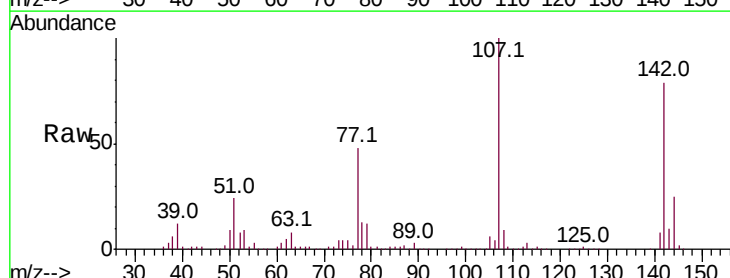
Tgt Ion:107 Resp: 508769

Ion Ratio Lower Upper

107 100

144 25.0 19.8 29.6

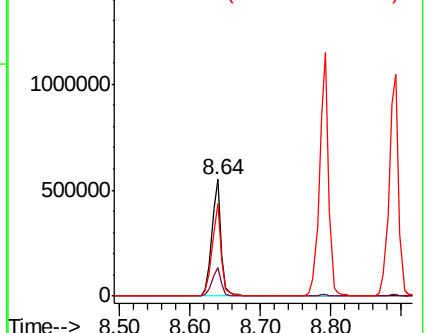
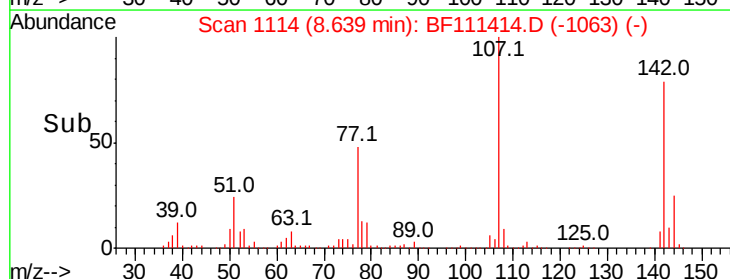
142 78.9 62.3 93.5

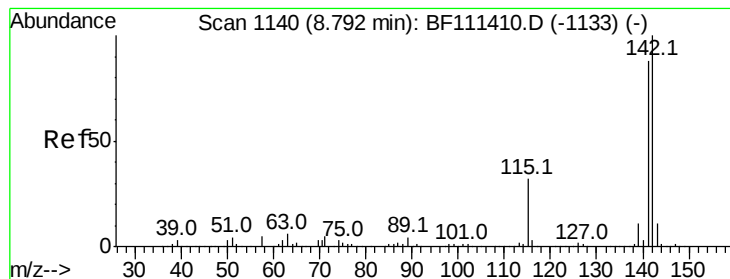


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

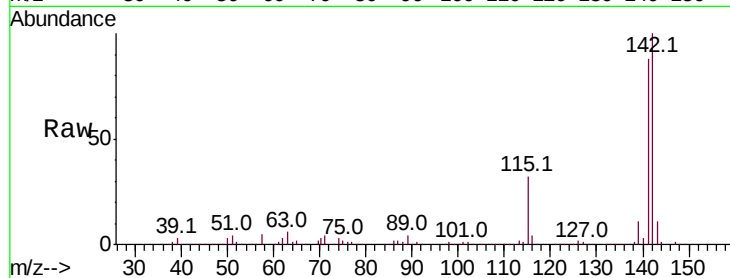




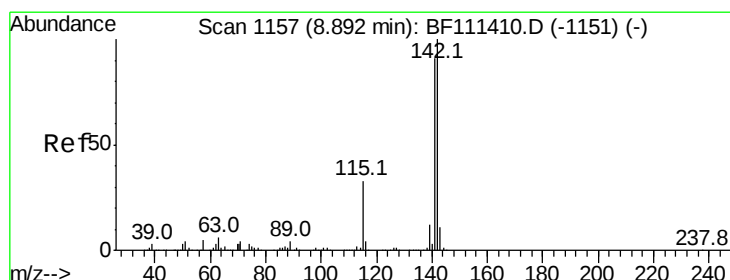
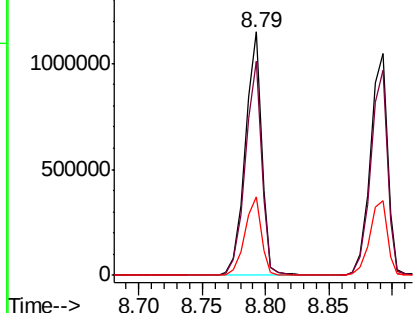
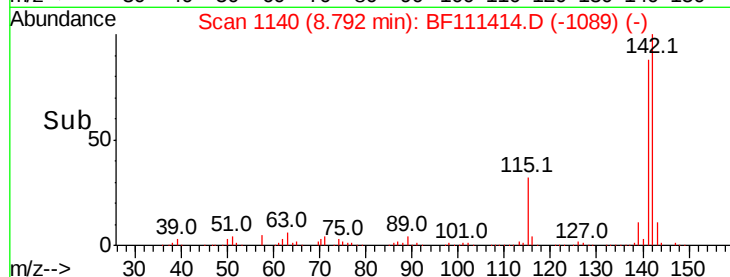
#37
 2-Methylnaphthalene
 Concen: 37.979 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	105.8
115	32.3	27.0	40.6

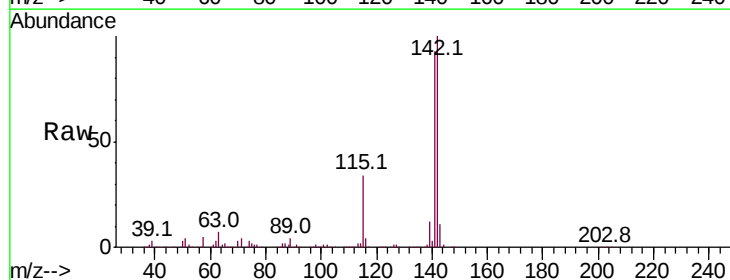


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

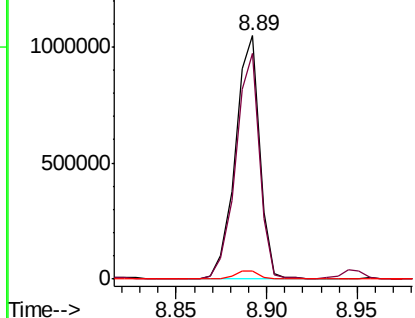
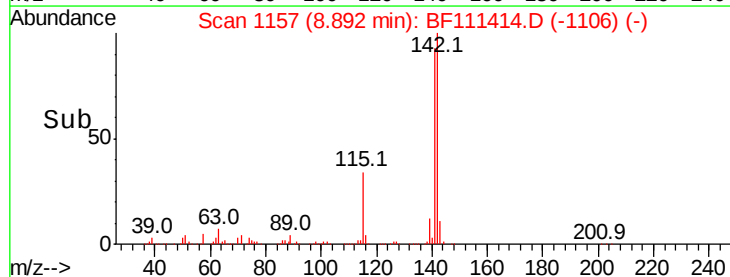


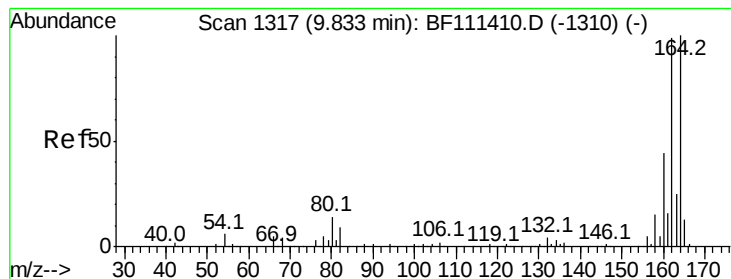
#38
 1-Methylnaphthalene
 Concen: 37.627 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.4
116	3.5	2.9	4.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

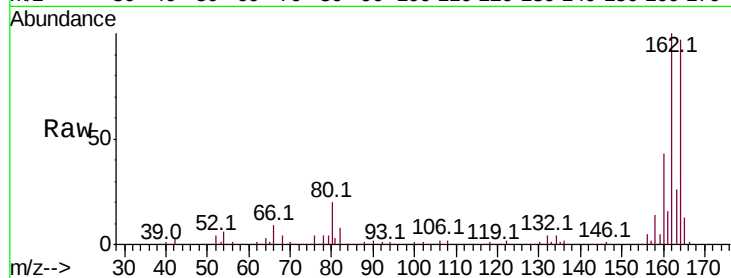
Tot Ion:164 Resp: 410341

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.0

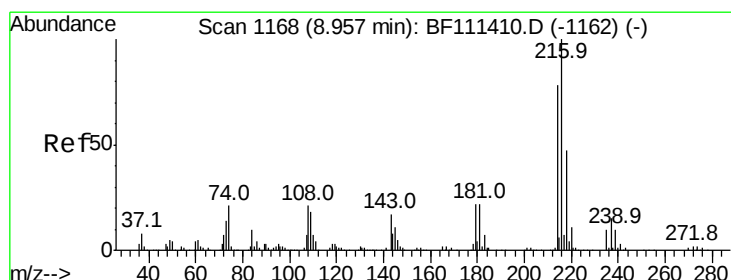
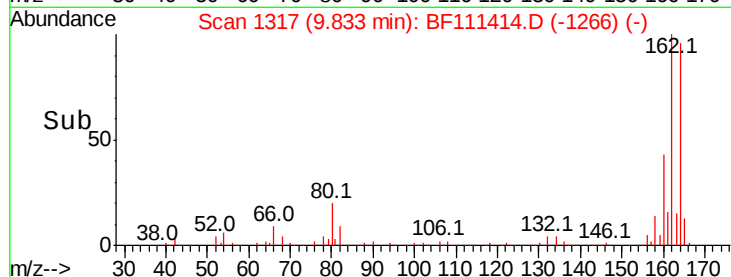
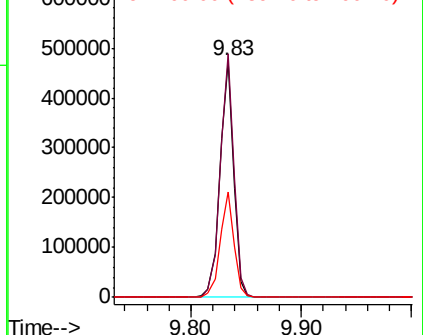
160 44.7 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.979 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Tgt Ion:216 Resp: 438643

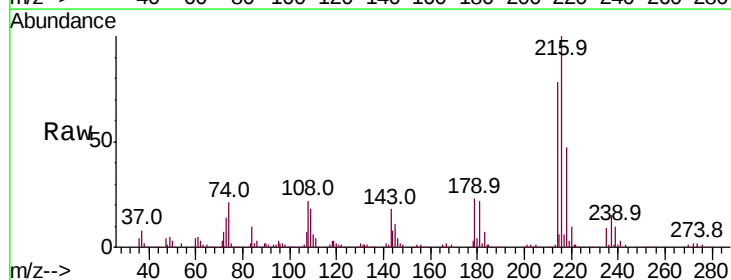
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.8

179 22.2 17.9 26.9

108 21.4 18.4 27.6

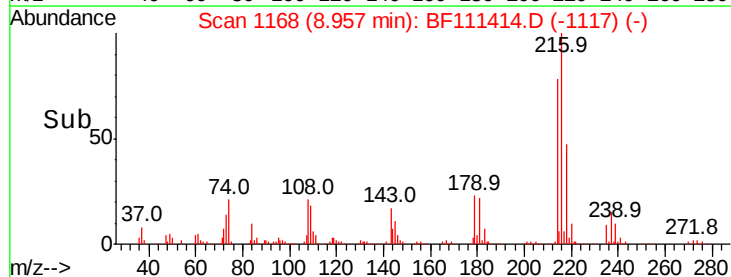
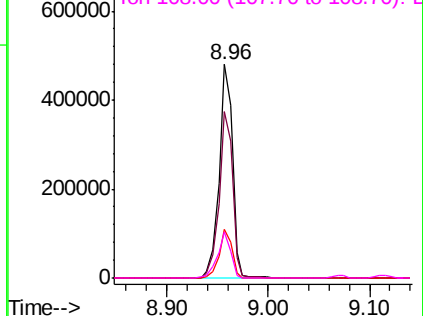


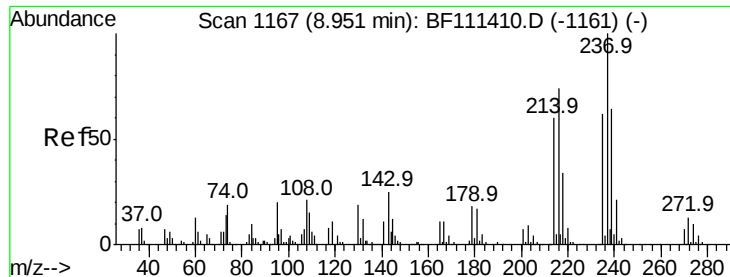
Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.538 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

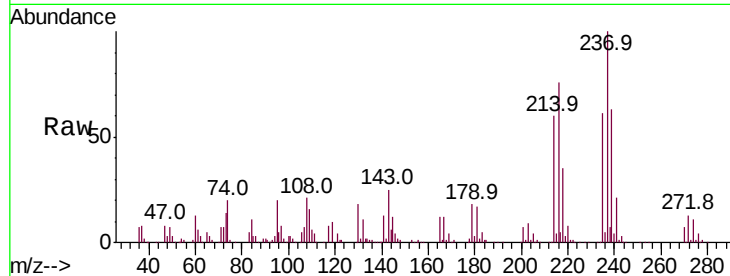
Tot Ion:237 Resp: 239992

Ion Ratio Lower Upper

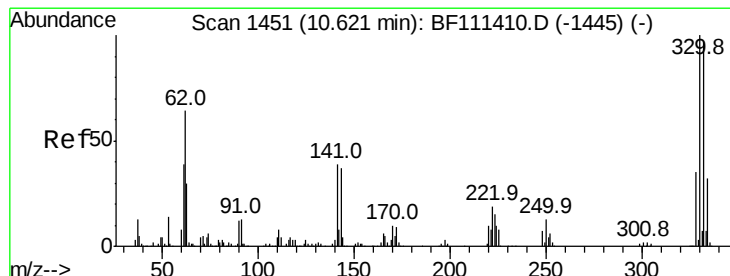
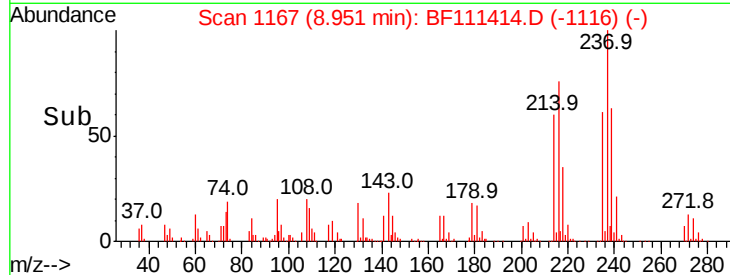
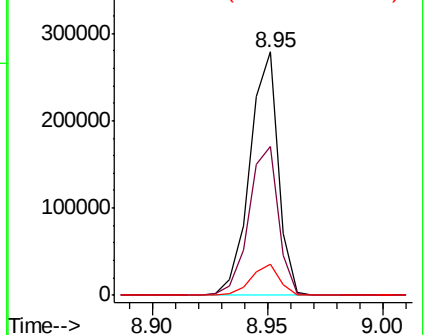
237 100

235 61.1 43.1 83.1

272 12.6 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: 77.165 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

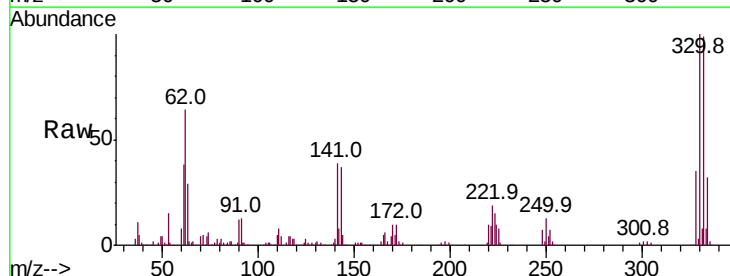
Tgt Ion:330 Resp: 283643

Ion Ratio Lower Upper

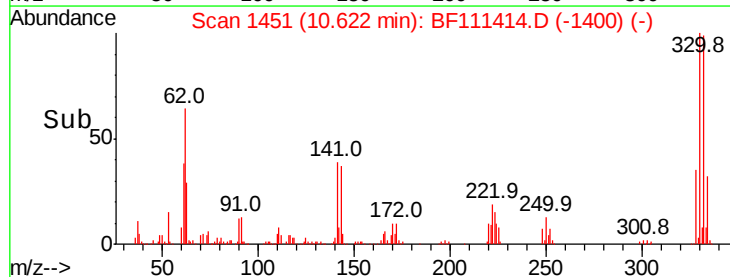
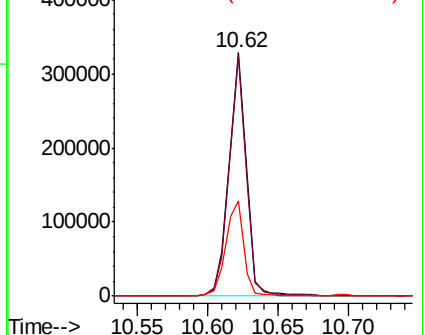
330 100

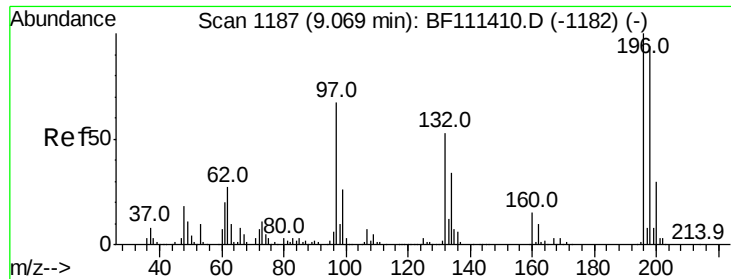
332 97.5 76.0 114.0

141 40.3 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

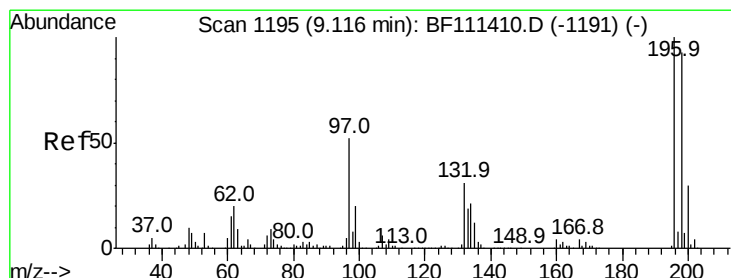
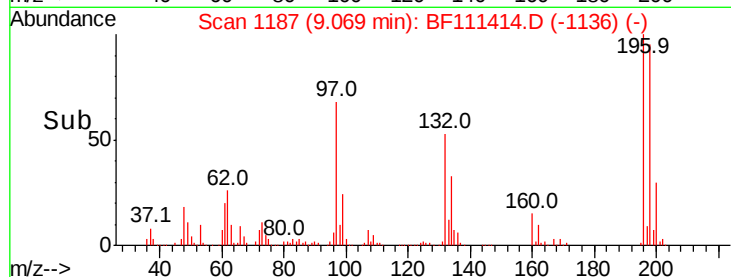
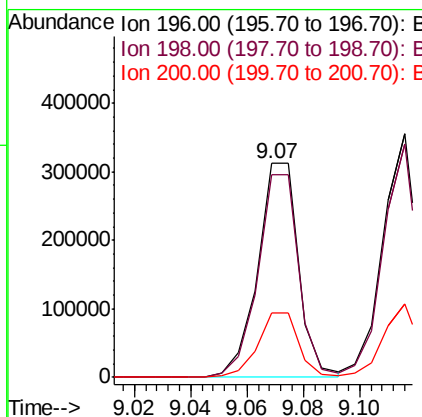
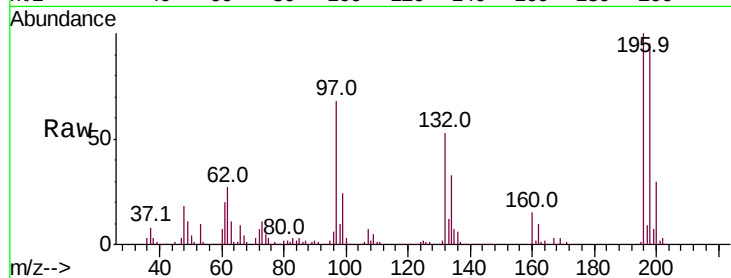




#43
 2,4,6-Trichlorophenol
 Concen: 39.487 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

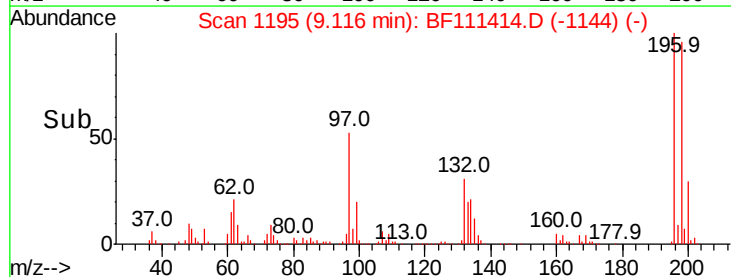
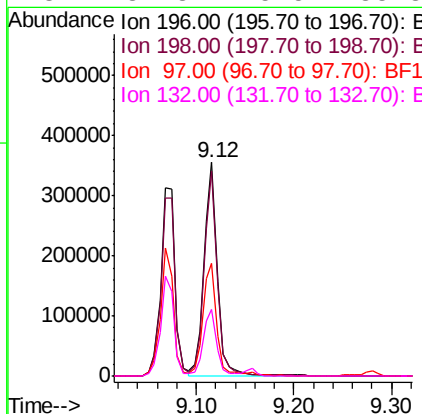
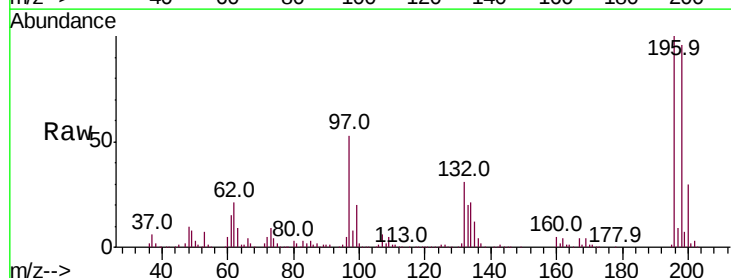
Instrument :
 BNA_F
 ClientSampleId :

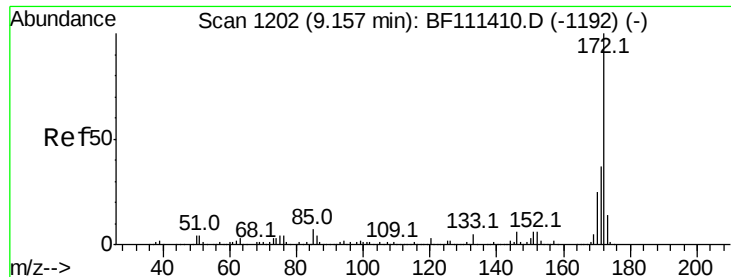
Tot Ion:196 Resp: 314495
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.3 114.5
 200 30.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.646 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion:196 Resp: 336012
 Ion Ratio Lower Upper
 196 100
 198 95.9 72.9 109.3
 97 52.6 45.3 67.9
 132 31.3 25.5 38.3

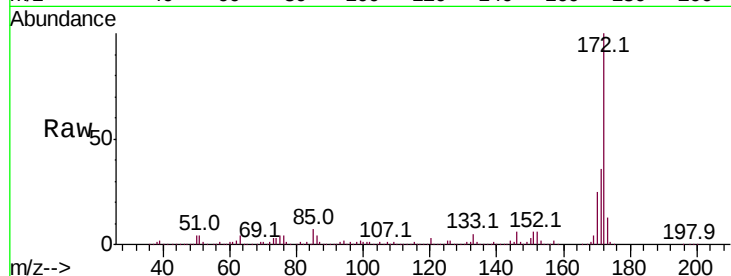




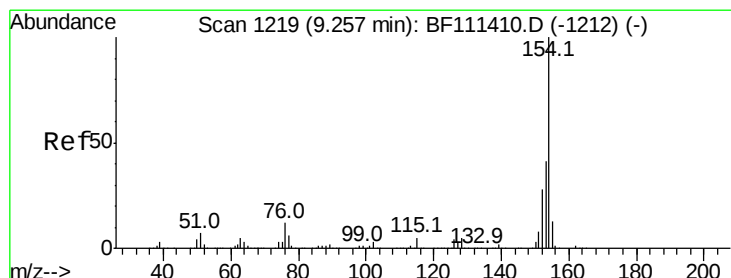
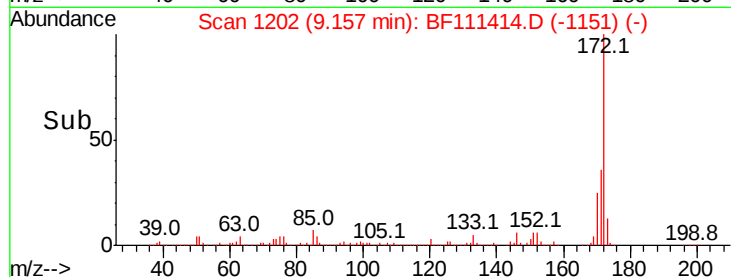
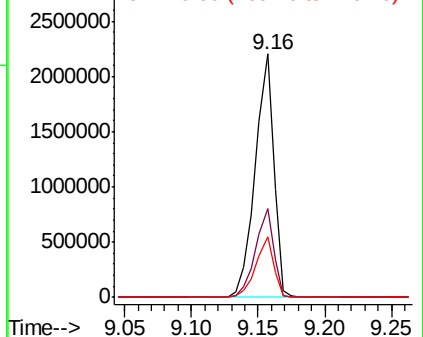
#45
2-Fluorobiphenyl
Concen: 79.022 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2099253
Ion Ratio Lower Upper
172 100
171 36.2 33.0 49.4
170 24.9 22.3 33.5

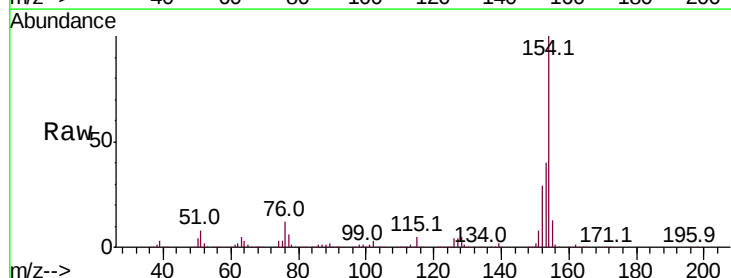


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

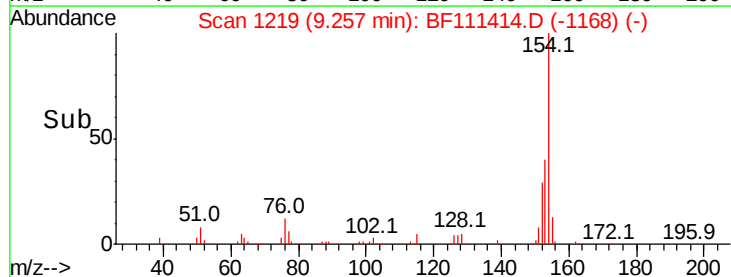
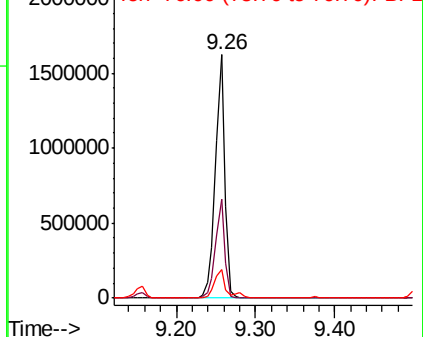


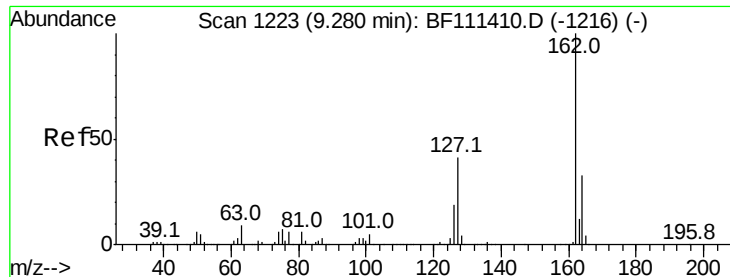
#46
1,1'-Biphenyl
Concen: 38.961 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion:154 Resp: 1354641
Ion Ratio Lower Upper
154 100
153 40.5 23.7 63.7
76 11.6 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

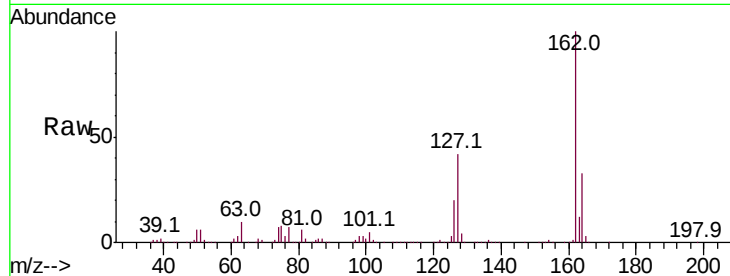




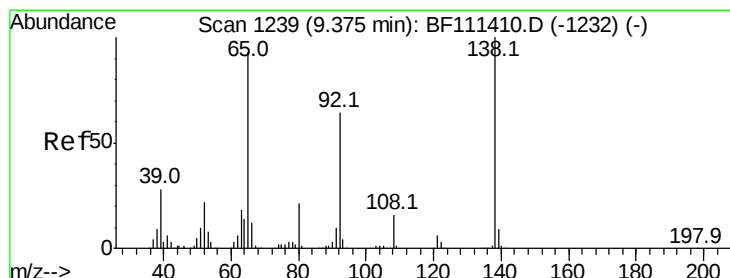
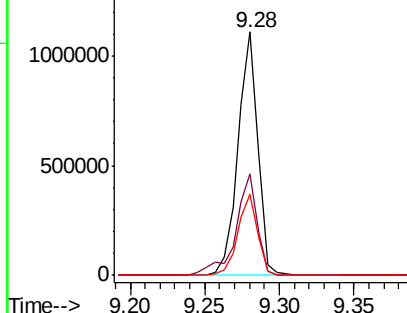
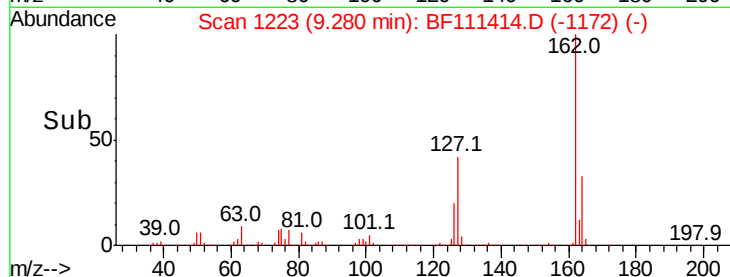
#47
2-Chloronaphthalene
Concen: 39.066 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 1032440
Ion Ratio Lower Upper
162 100
127 41.9 35.0 52.4
164 33.3 28.4 42.6

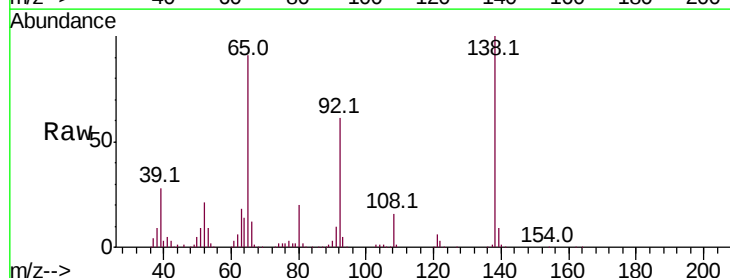


Abundance Ion 162.00 (161.70 to 162.70): E
1500000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

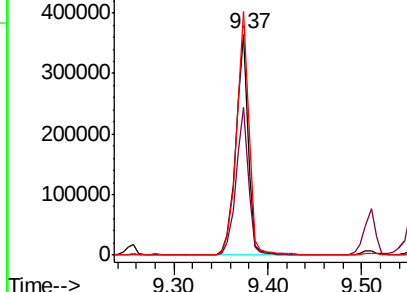
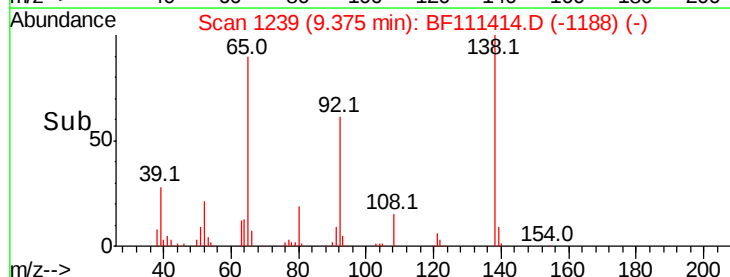


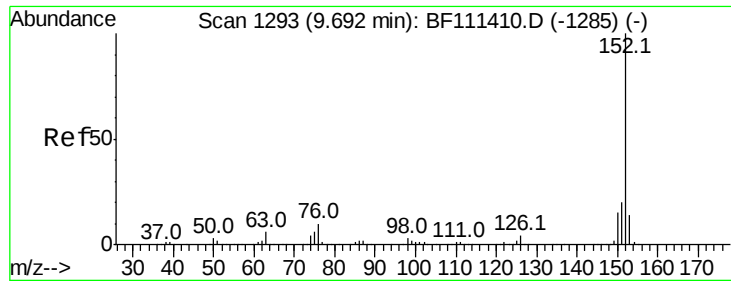
#48
2-Nitroaniline
Concen: 39.127 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion: 65 Resp: 335747
Ion Ratio Lower Upper
65 100
92 66.9 53.5 80.3
138 110.1 80.9 121.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
500000 Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.221 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

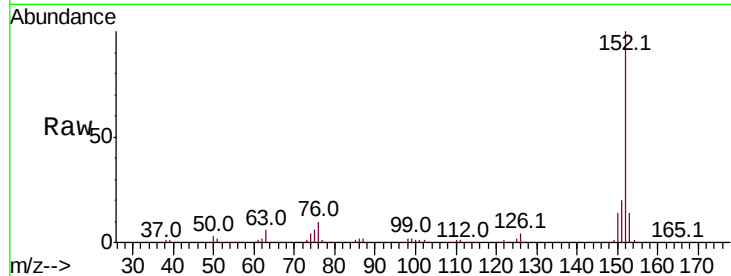
Tot Ion:152 Resp: 1538607

Ion Ratio Lower Upper

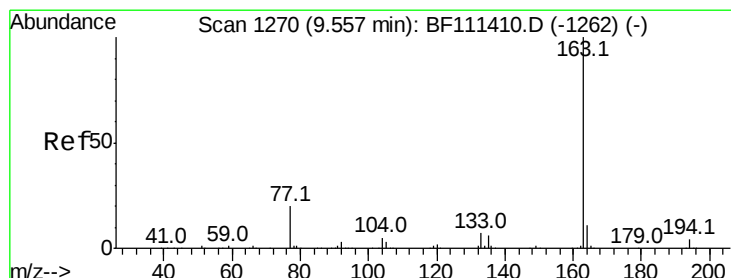
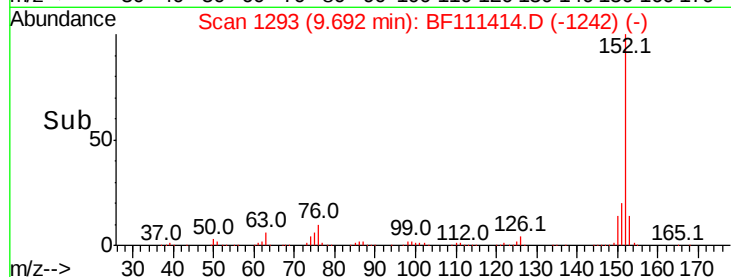
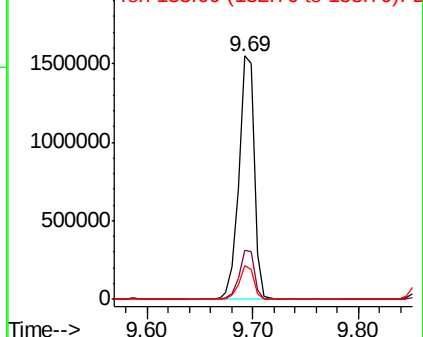
152 100

151 20.4 18.0 27.0

153 13.7 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: 39.408 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

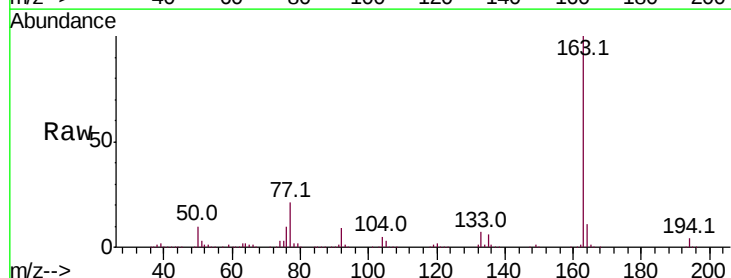
Tgt Ion:163 Resp: 1164577

Ion Ratio Lower Upper

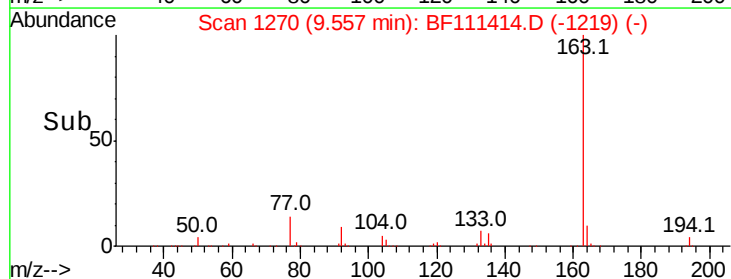
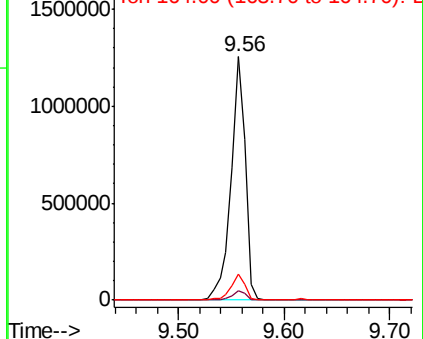
163 100

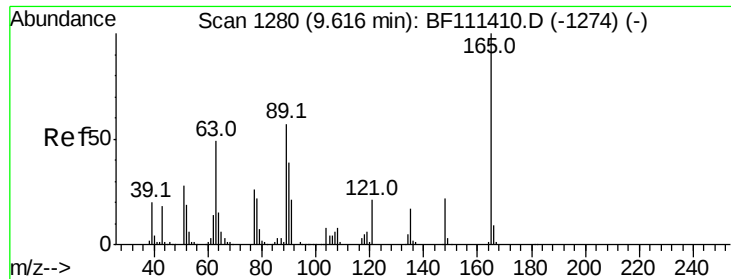
194 3.8 3.0 4.6

164 10.6 8.9 13.3



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

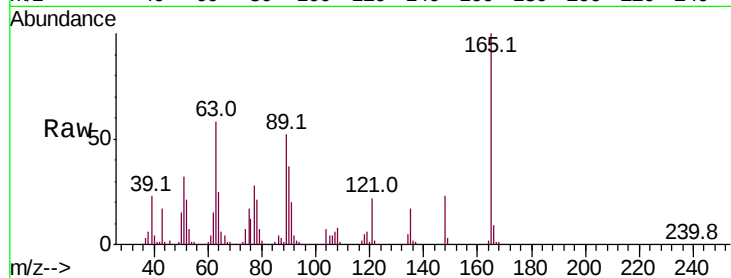




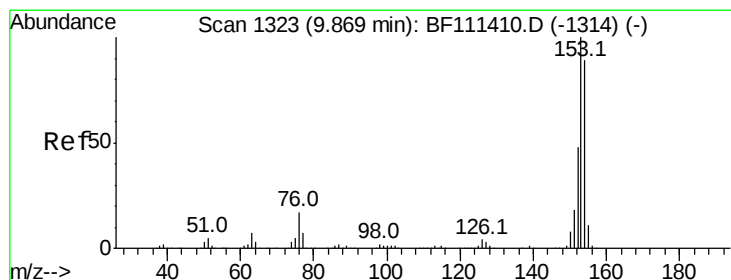
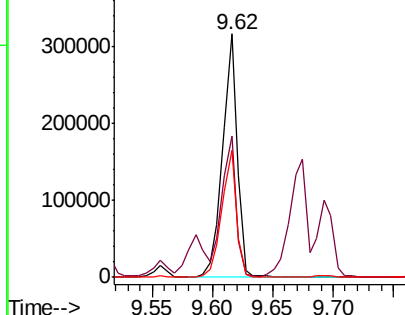
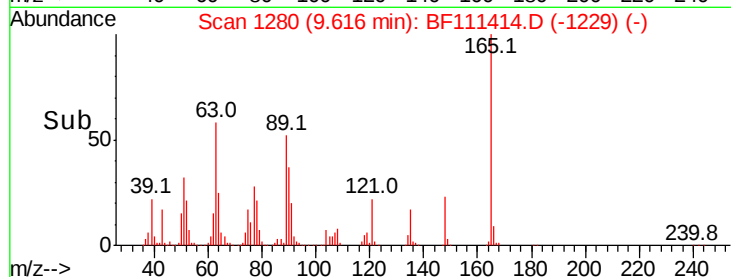
#51
2,6-Dinitrotoluene
Concen: 40.118 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 266858
Ion Ratio Lower Upper
165 100
63 57.8 40.5 60.7
89 52.4 40.0 60.0

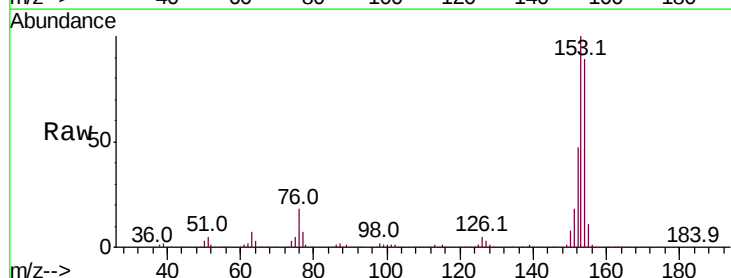


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

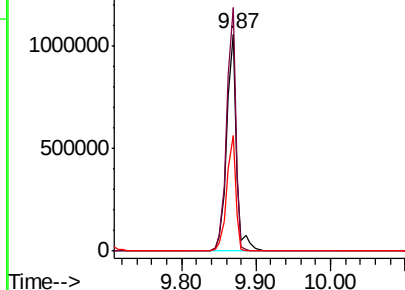
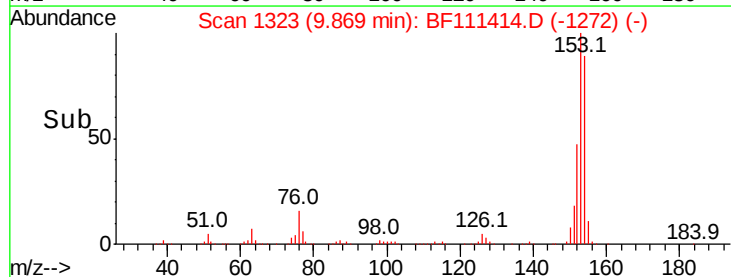


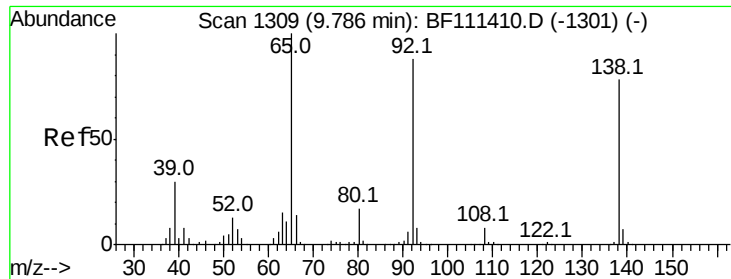
#52
Acenaphthene
Concen: 39.072 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion:154 Resp: 968782
Ion Ratio Lower Upper
154 100
153 112.2 87.8 131.8
152 53.2 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

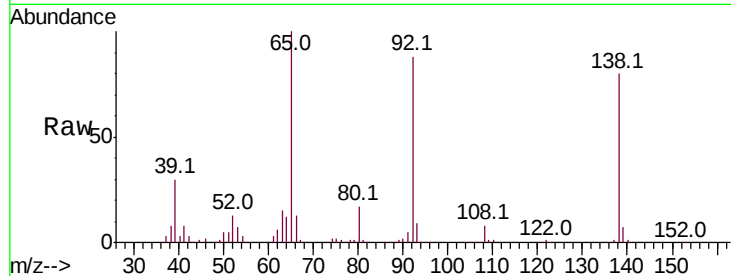




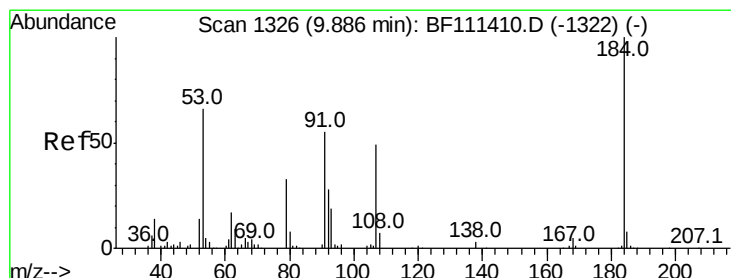
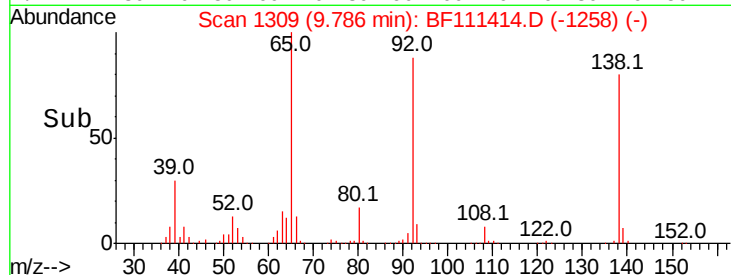
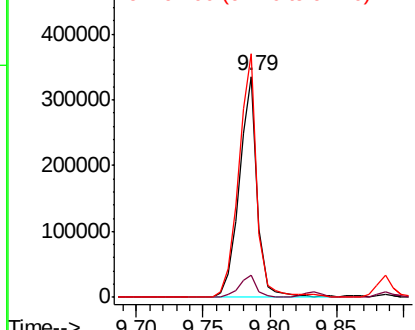
#53
3-Nitroaniline
Concen: 39.079 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 315743
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.4
92 110.1 93.4 140.2

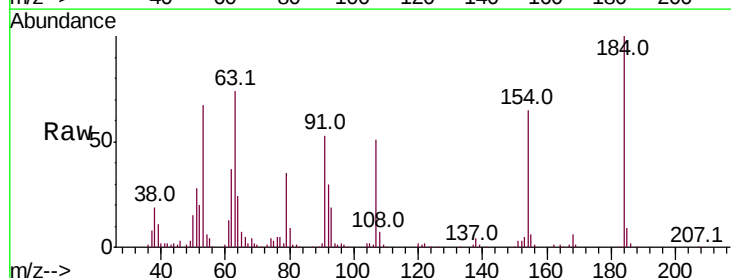


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

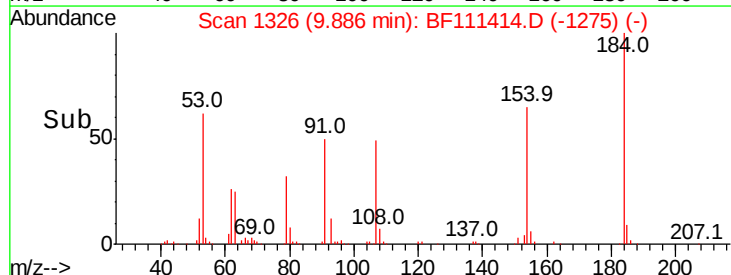
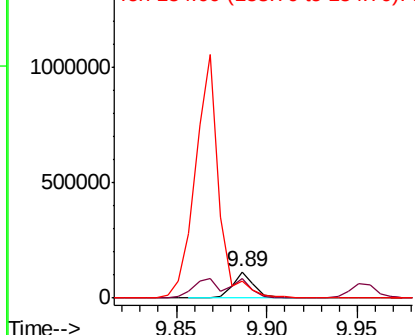


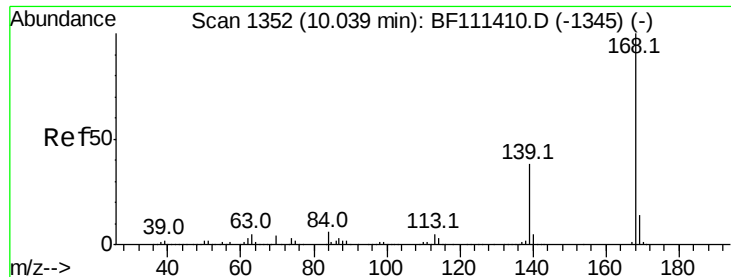
#54
2,4-Dinitrophenol
Concen: 38.725 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion:184 Resp: 98002
Ion Ratio Lower Upper
184 100
63 73.8 62.3 93.5
154 64.8 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

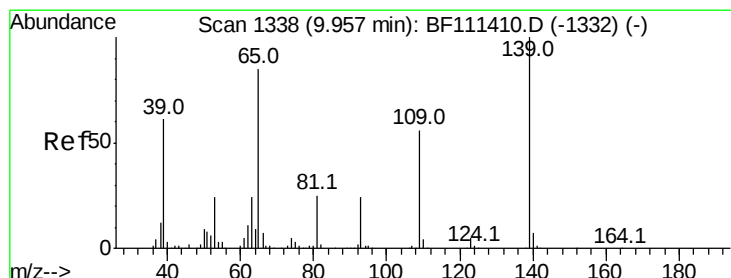
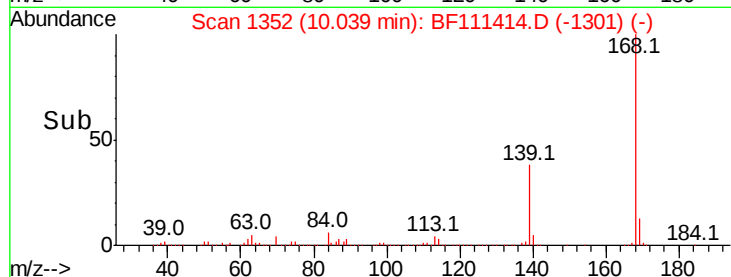
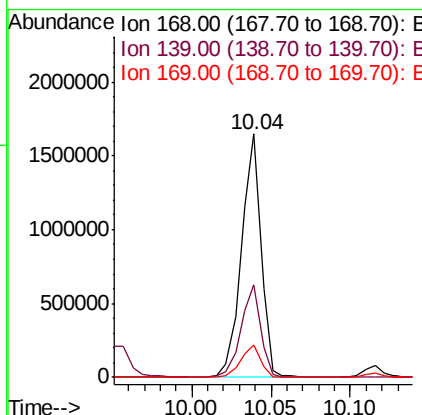
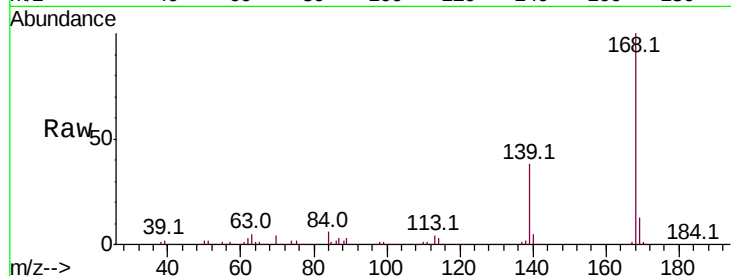




#55
Dibenzofuran
Concen: 39.259 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

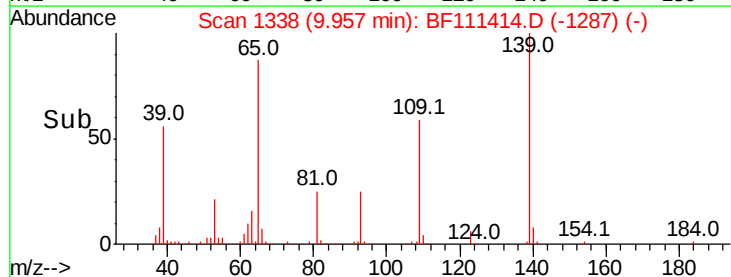
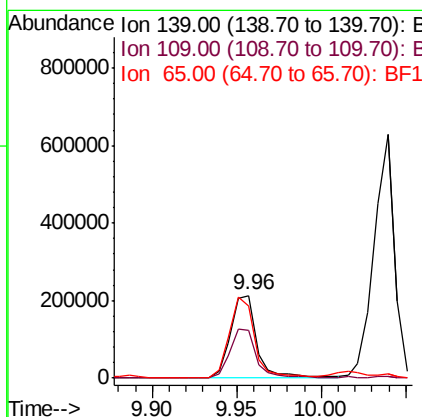
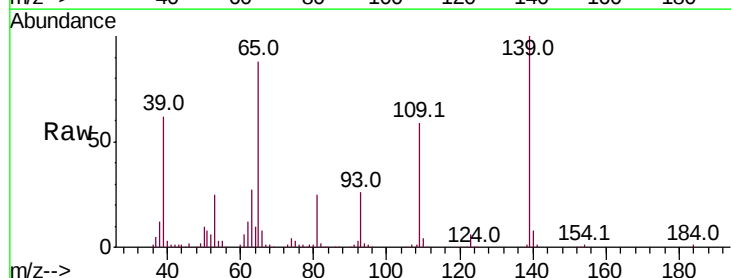
Instrument :
BNA_F
ClientSampleId :

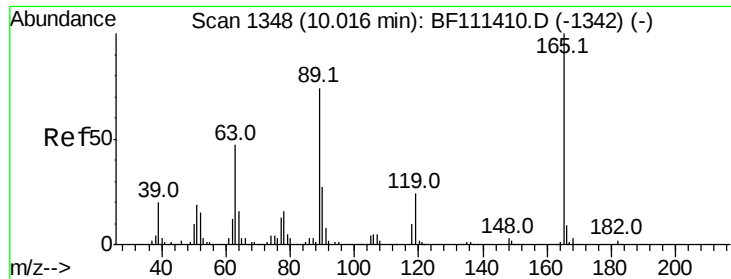
Tot Ion:168 Resp: 1412927
Ion Ratio Lower Upper
168 100
139 38.1 32.6 49.0
169 13.4 11.8 17.6



#56
4-Nitrophenol
Concen: 41.498 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion:139 Resp: 232031
Ion Ratio Lower Upper
139 100
109 58.7 41.8 81.8
65 88.1 79.6 119.6

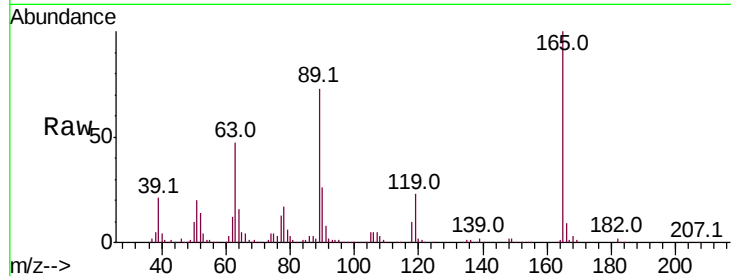




#57
2,4-Dinitrotoluene
Concen: 40.223 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.3	34.6	52.0
89	73.3	56.2	84.4
182	2.4	1.8	2.6



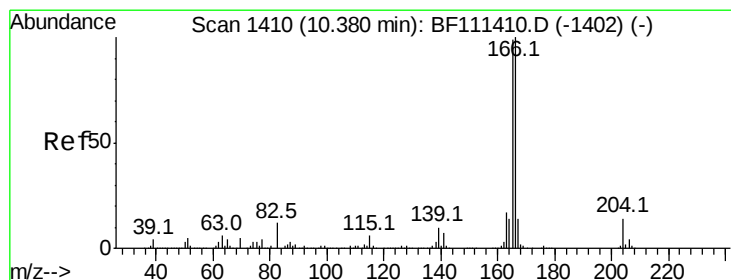
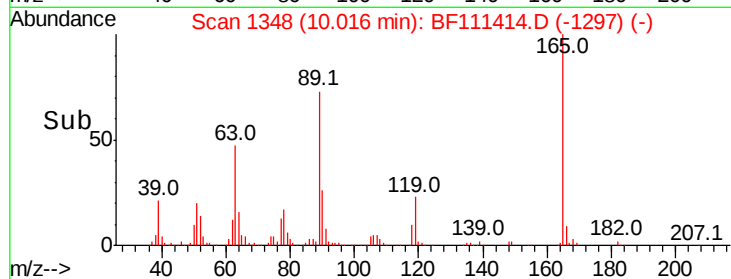
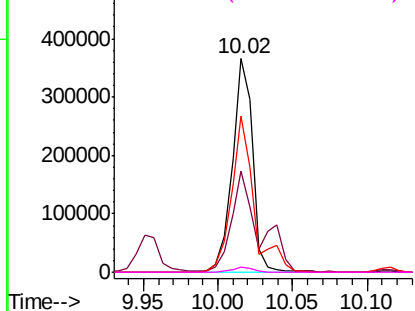
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

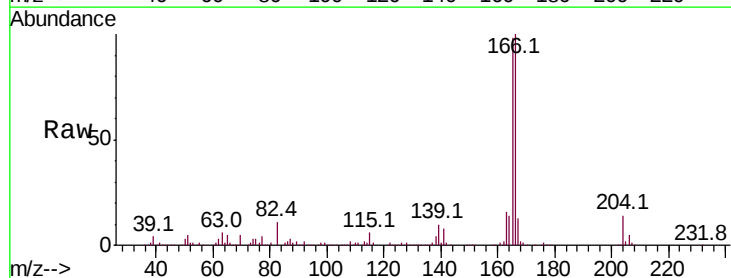
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.061 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.4	117.6
167	13.5	11.2	16.8

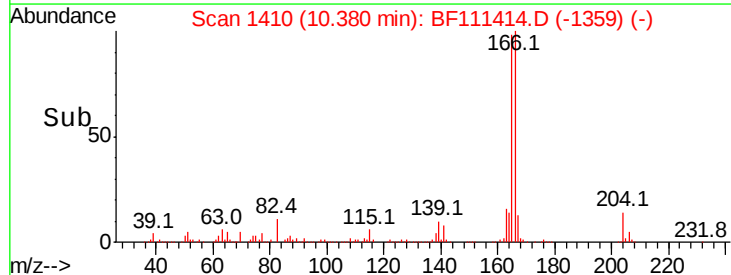
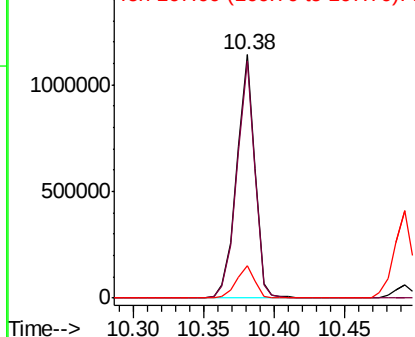


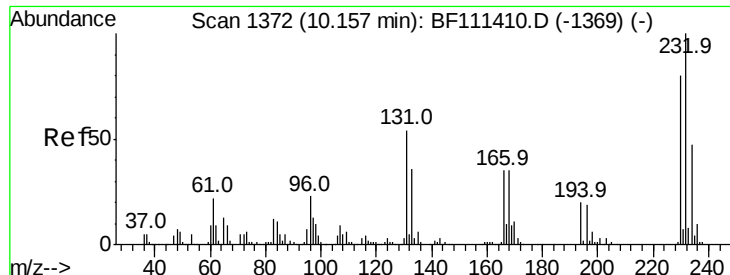
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

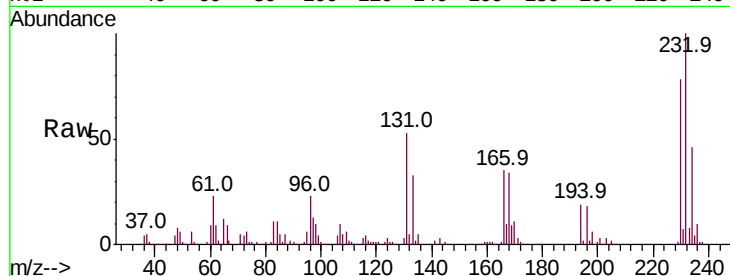




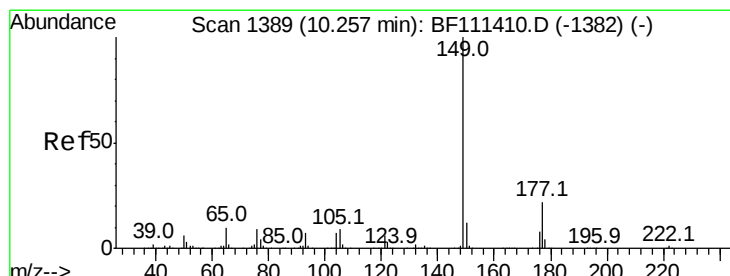
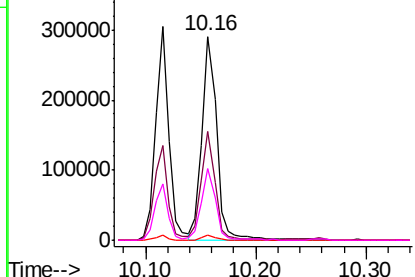
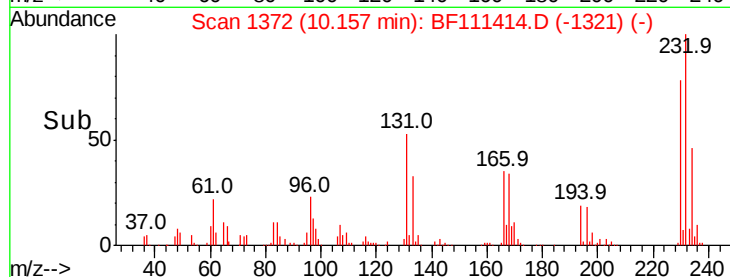
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.574 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.2	40.9	61.3
130	2.4	2.0	3.0
166	33.7	26.8	40.2

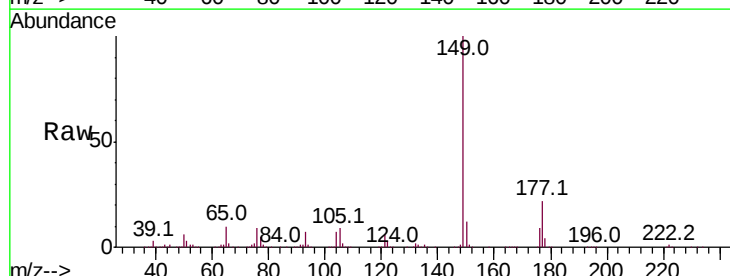


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

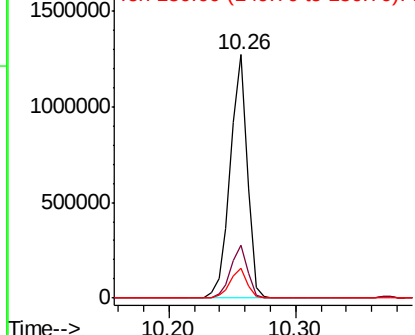
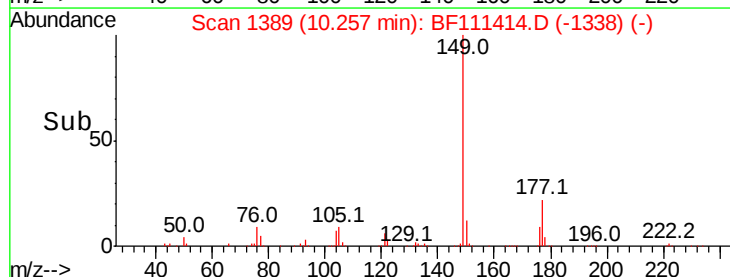


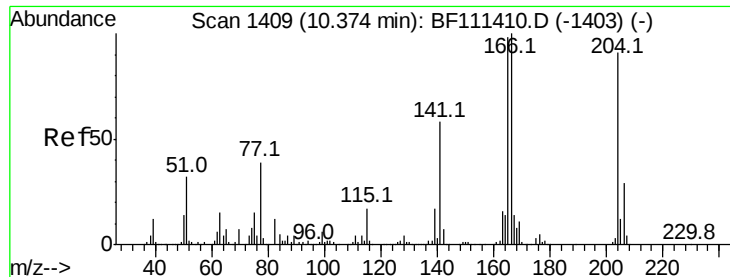
#60
Diethylphthalate
Concen: 39.301 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	18.3	27.5
150	12.4	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

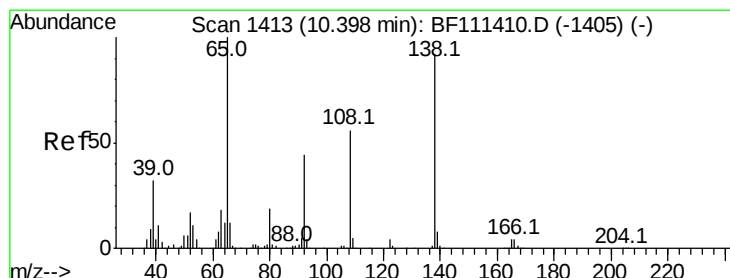
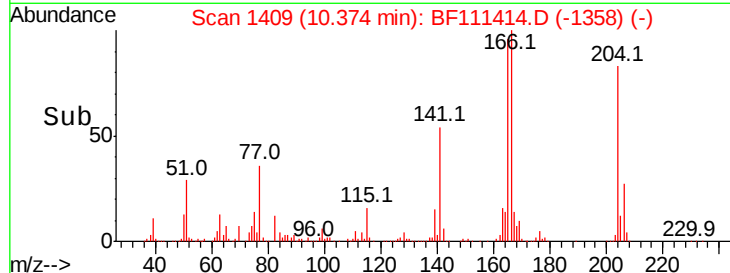
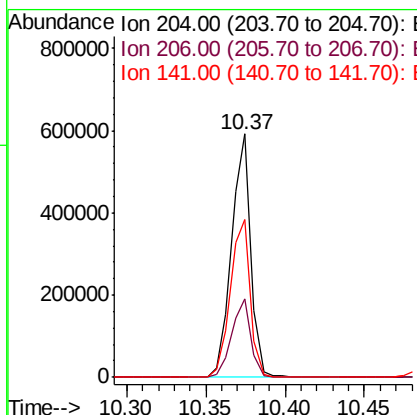
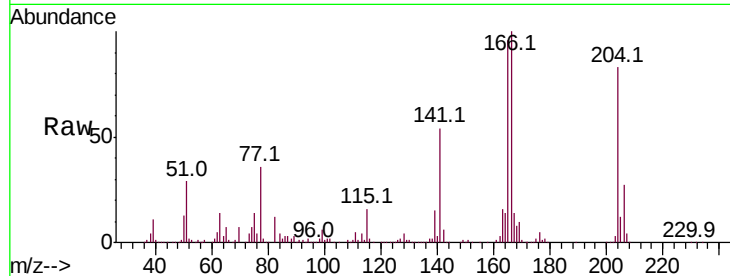




#61
 4-Chlorophenyl-phenylether
 Concen: 38.993 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

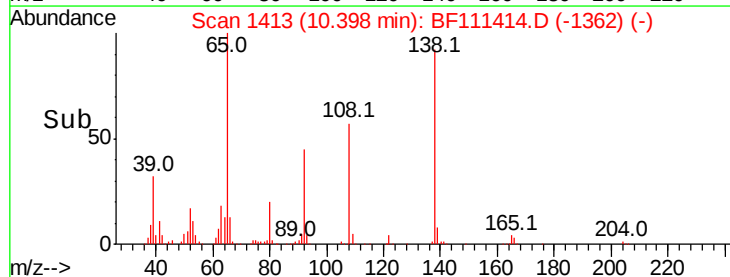
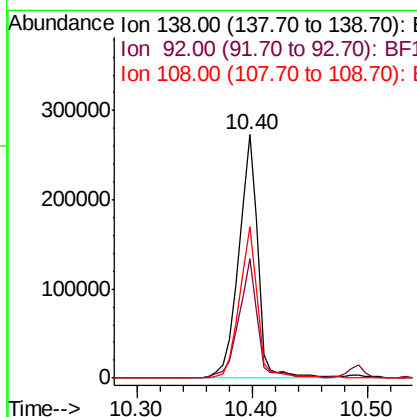
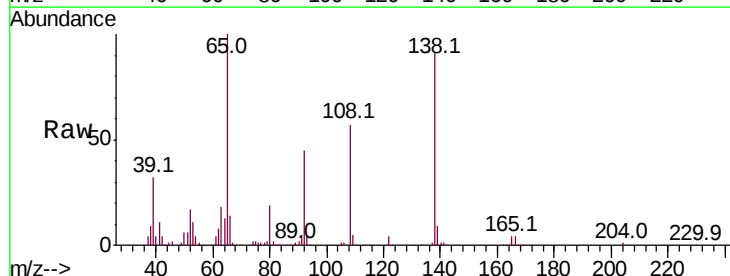
Instrument :
 BNA_F
 ClientSampled :

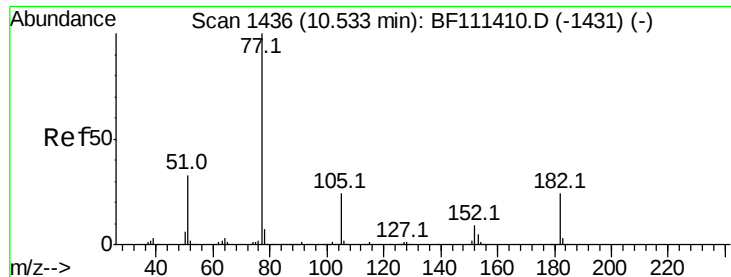
Tot Ion:	204	Resp:	498019
Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	64.8	52.6	78.8



#62
 4-Nitroaniline
 Concen: 39.406 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion:	138	Resp:	315179
Ion	Ratio	Lower	Upper
138	100		
92	48.9	29.9	69.9
108	62.2	43.2	83.2





#63

Azobenzene

Concen: 38.424 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1133934

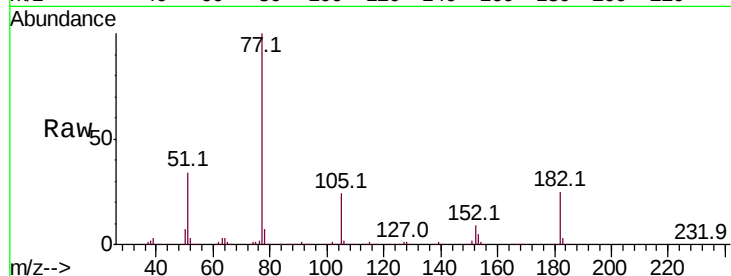
Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.9	44.9
105	23.8	6.0	46.0
51	34.1	14.7	54.7

77 100

182 24.6 4.9 44.9

105 23.8 6.0 46.0

51 34.1 14.7 54.7

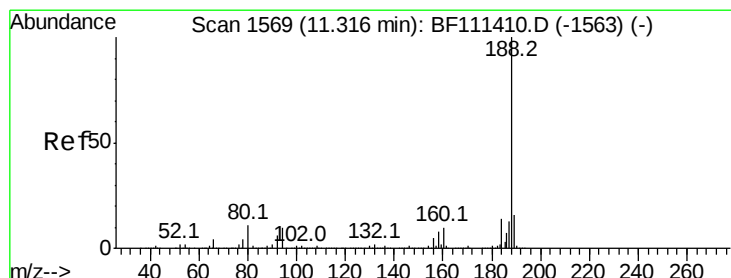
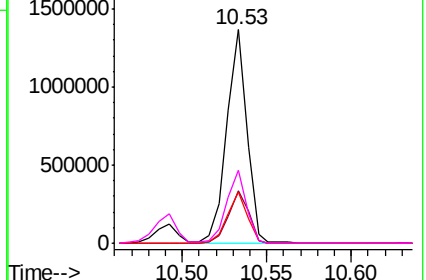
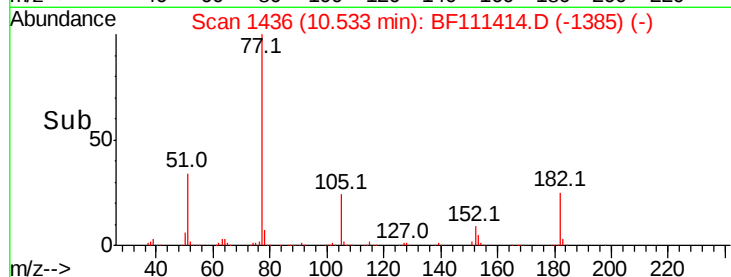


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

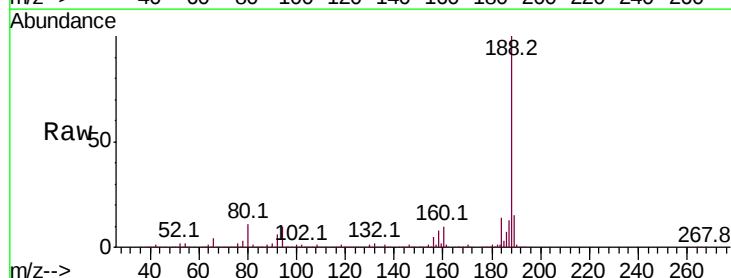
Tgt Ion: 188 Resp: 733764

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.6	14.4
80	10.8	9.8	14.6

188 100

94 10.1 9.6 14.4

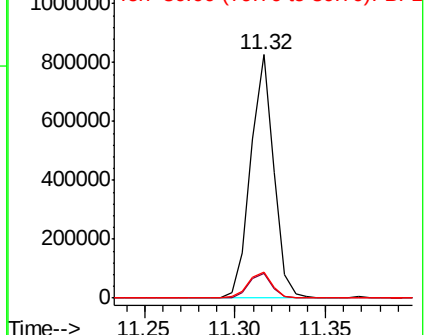
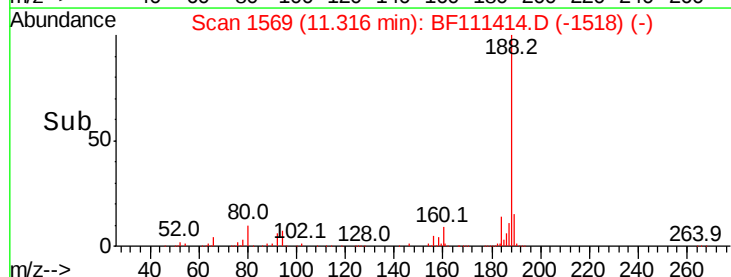
80 10.8 9.8 14.6

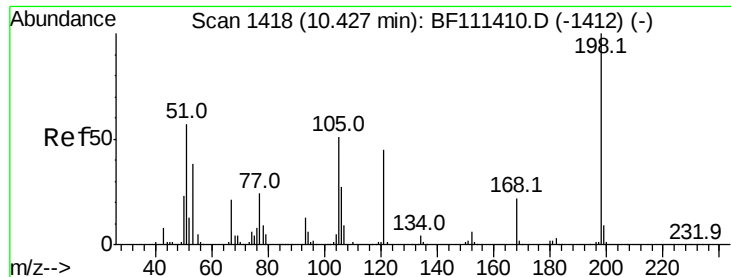


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

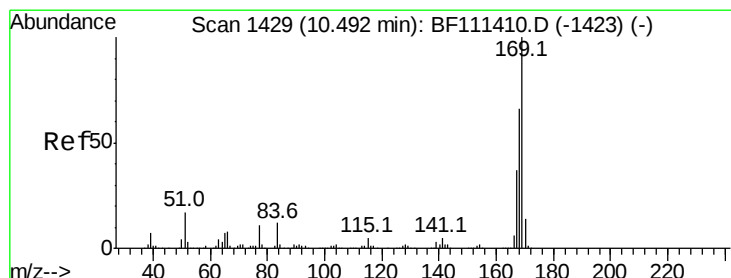
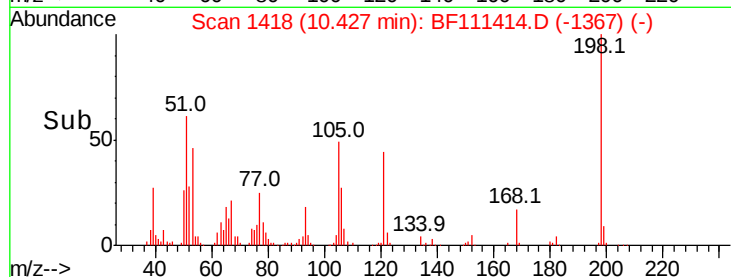
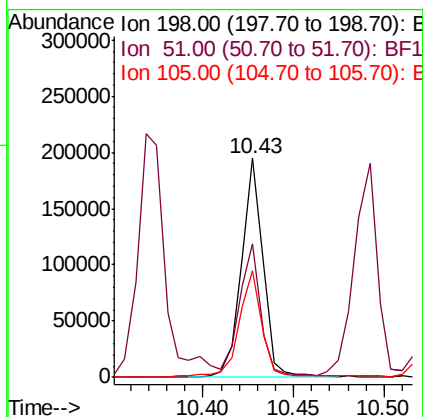
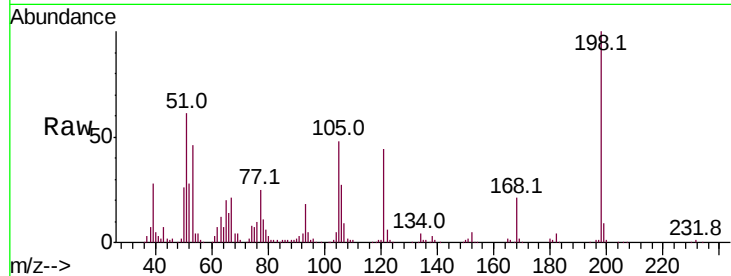




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.971 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

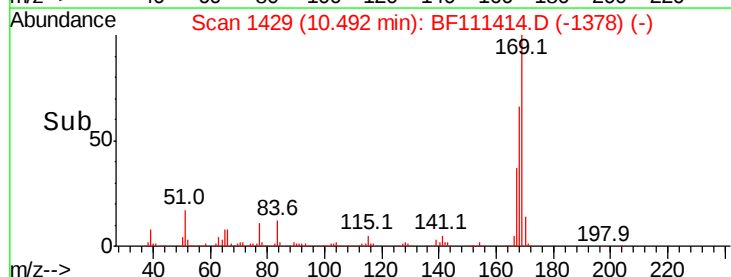
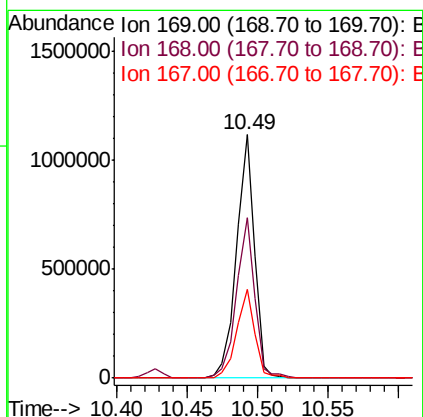
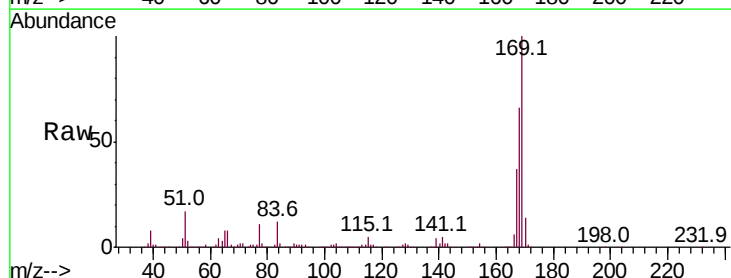
Instrument :
 BNA_F
 ClientSampleId :

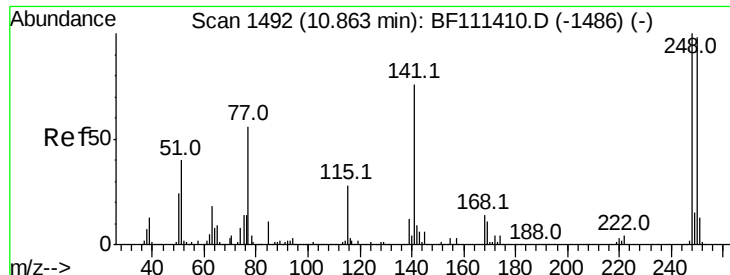
Tot Ion:198 Resp: 161434
 Ion Ratio Lower Upper
 198 100
 51 60.8 48.0 88.0
 105 48.5 34.0 74.0



#66
 n-Nitrosodiphenylamine
 Concen: 39.258 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion:169 Resp: 993362
 Ion Ratio Lower Upper
 169 100
 168 66.1 54.4 81.6
 167 36.7 30.5 45.7

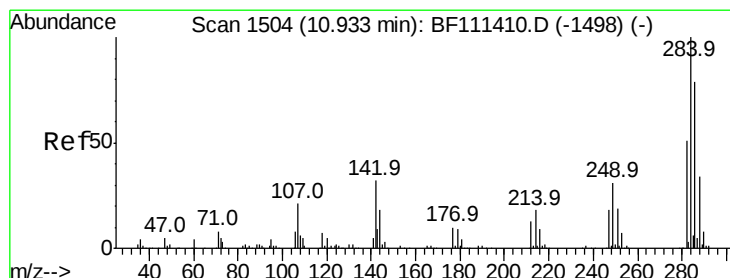
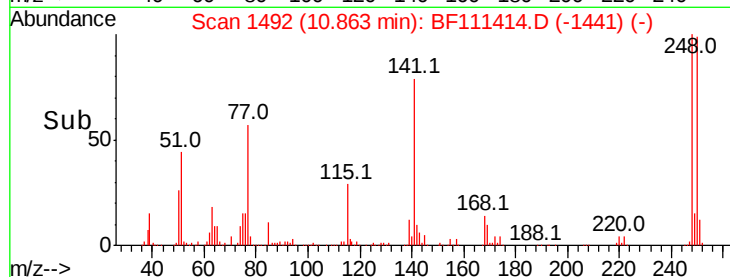
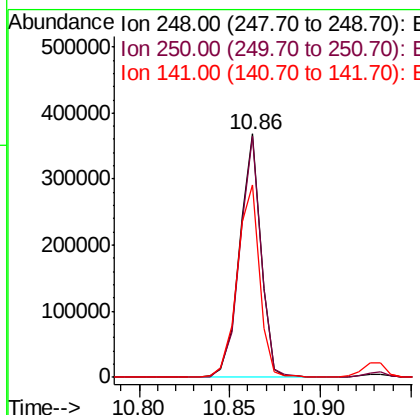
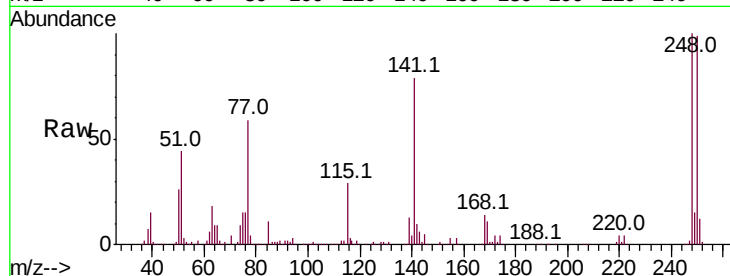




#67
 4-Bromophenyl-phenylether
 Concen: 38.194 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

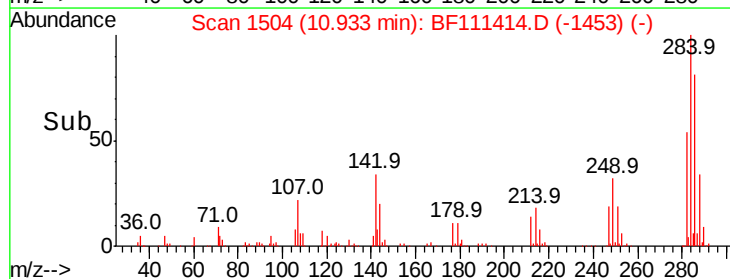
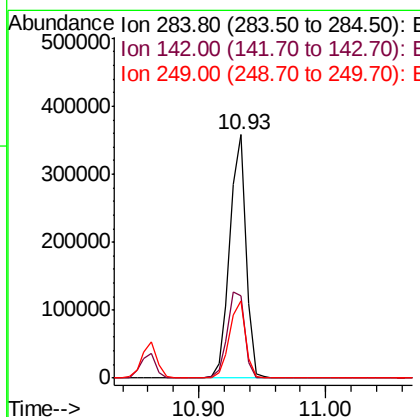
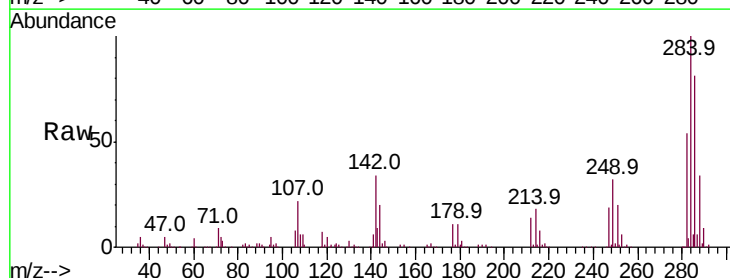
Instrument :
 BNA_F
 ClientSampled :

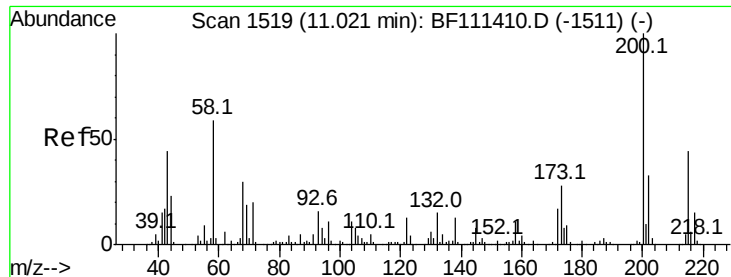
Tot Ion:248 Resp: 302053
 Ion Ratio Lower Upper
 248 100
 250 99.2 77.0 115.4
 141 79.3 63.0 94.6



#68
 Hexachlorobenzene
 Concen: 38.983 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion:284 Resp: 317132
 Ion Ratio Lower Upper
 284 100
 142 34.0 27.4 41.2
 249 31.8 24.4 36.6

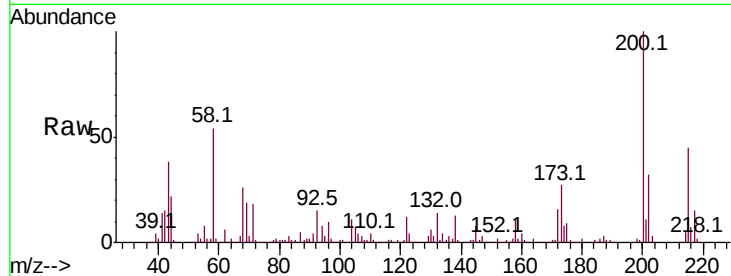




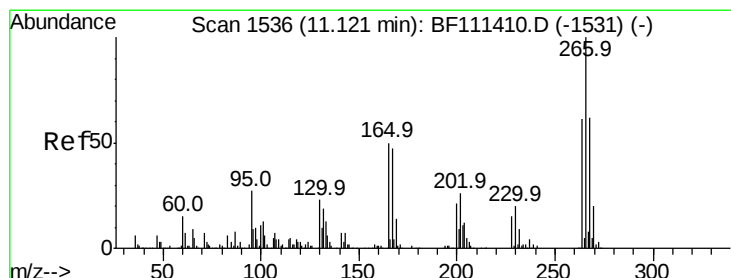
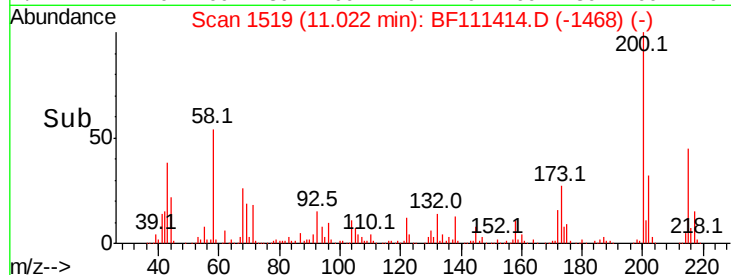
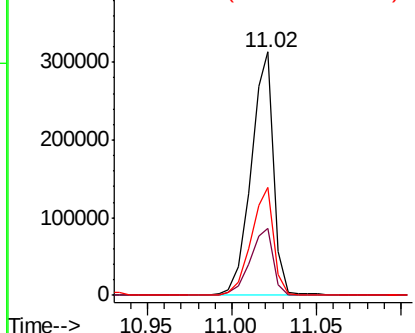
#69
Atrazine
Concen: 40.020 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	10.1	50.1
215	44.6	26.9	66.9

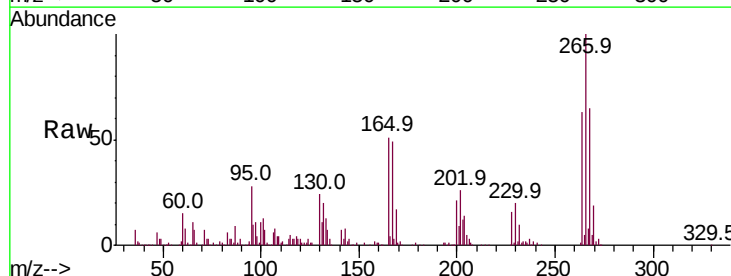


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

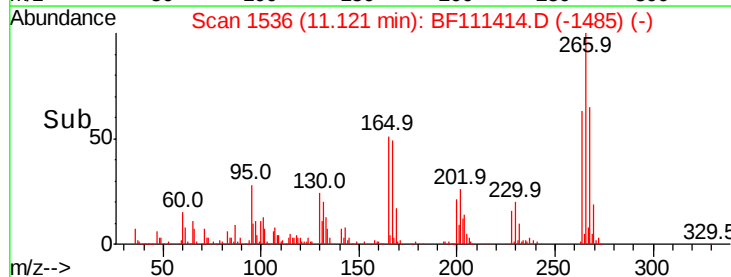
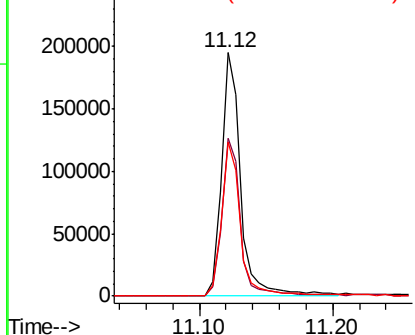


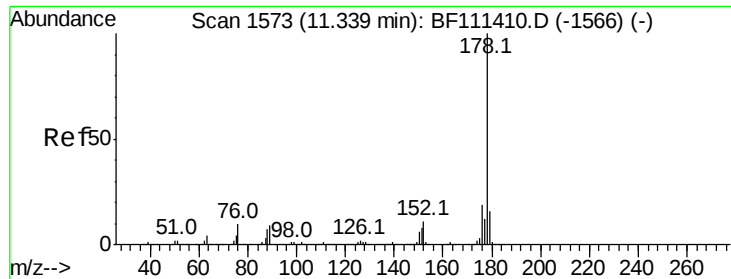
#70
Pentachlorophenol
Concen: 39.702 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	47.9	71.9
264	63.3	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

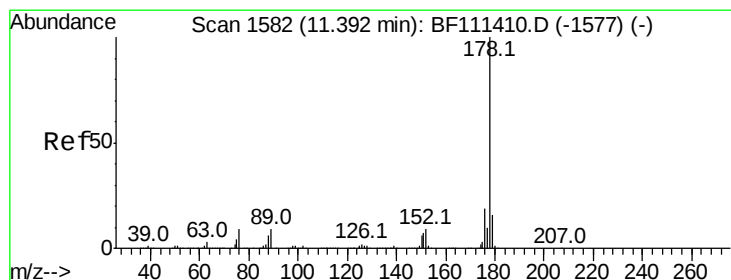
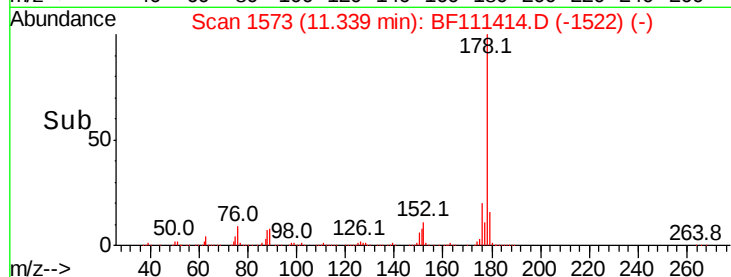
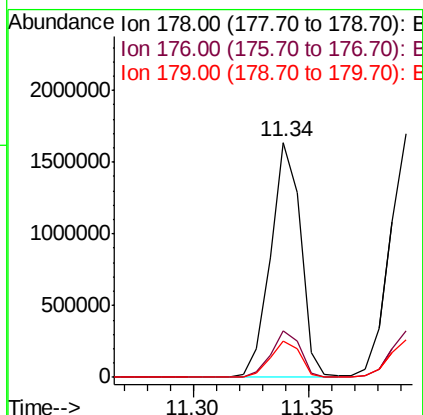
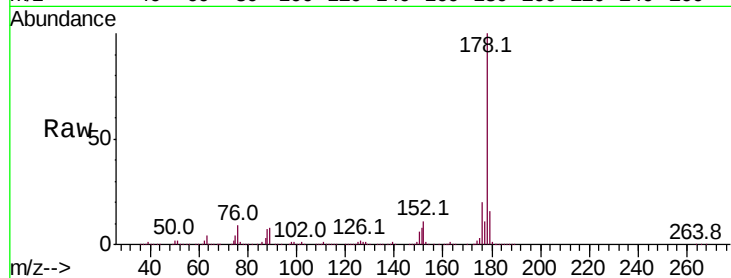




#71
Phenanthrene
Concen: 39.148 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

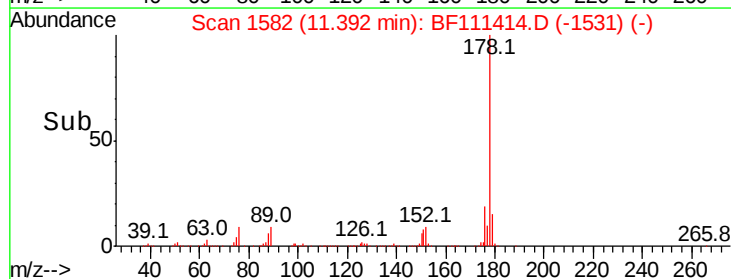
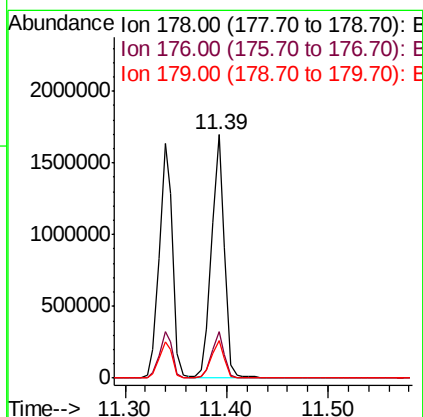
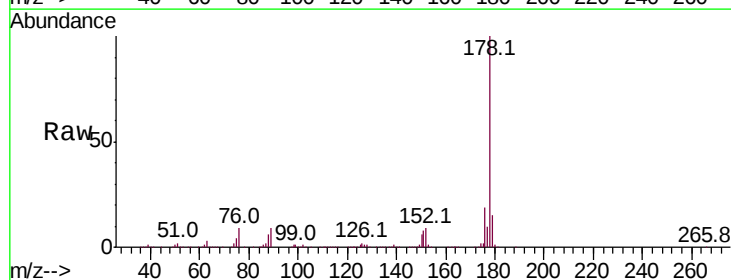
Instrument :
BNA_F
ClientSampleId :

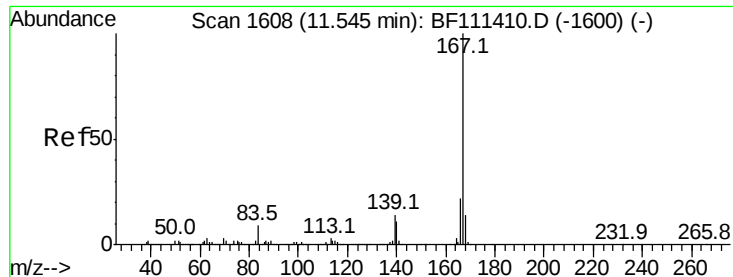
Tot Ion:178 Resp: 1480174
Ion Ratio Lower Upper
178 100
176 19.8 18.1 27.1
179 15.7 14.0 21.0



#72
Anthracene
Concen: 39.065 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion:178 Resp: 1510517
Ion Ratio Lower Upper
178 100
176 18.9 17.2 25.8
179 15.4 13.8 20.8





#73

Carbazole

Concen: 39.199 ng

RT: 11.55 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

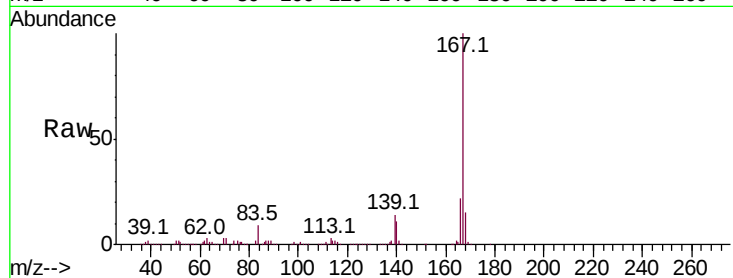
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1567391

Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.3	28.9
139	14.1	11.9	17.9

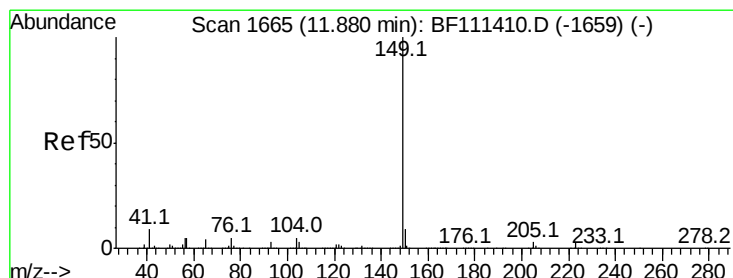
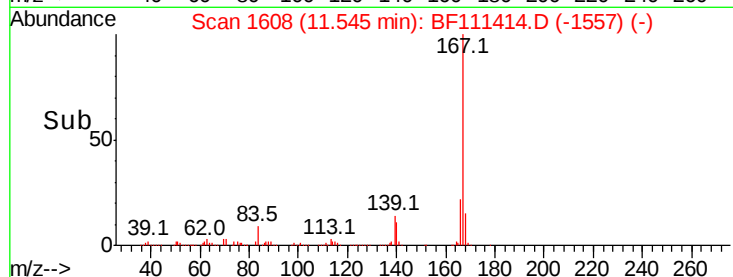
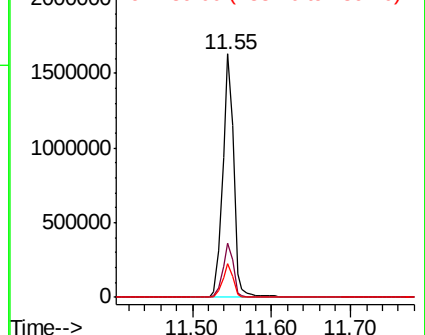


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.893 ng

RT: 11.88 min Scan# 1665

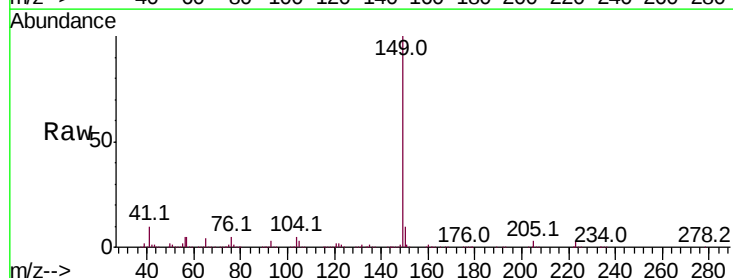
Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Tgt Ion:149 Resp: 1776486

Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.8	13.2
104	5.0	4.5	6.7

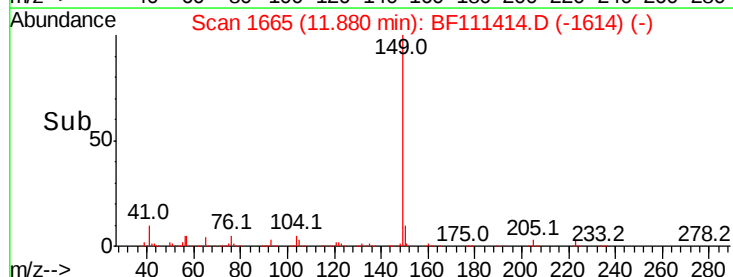
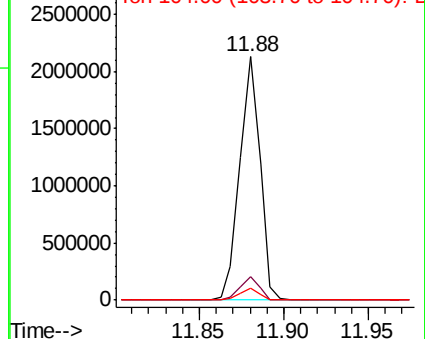


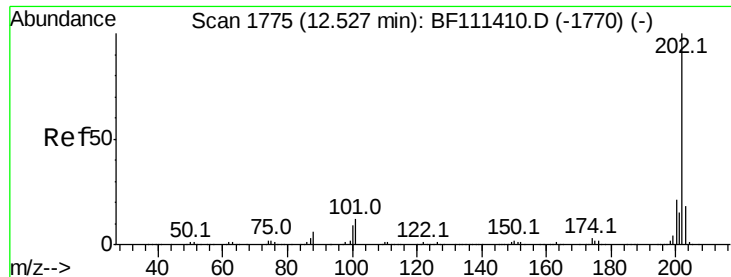
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

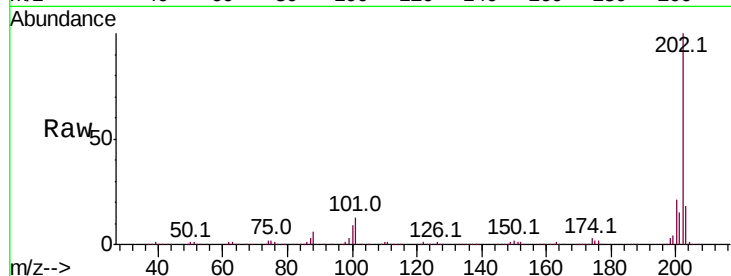




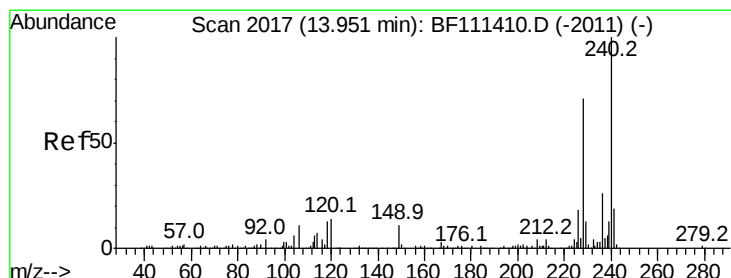
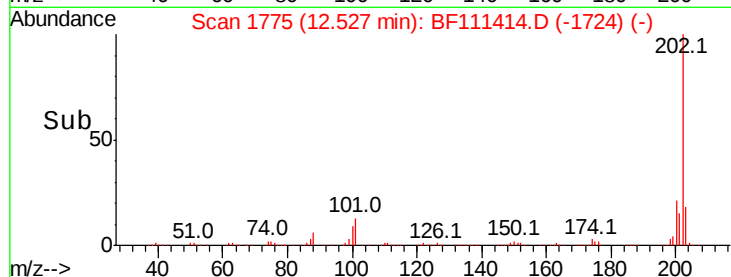
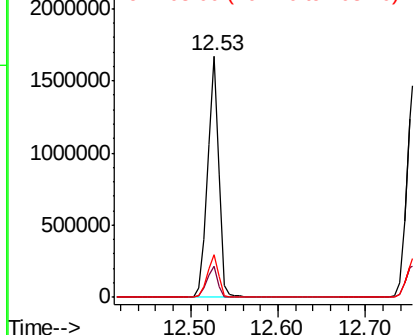
#75
 Fluoranthene
 Concen: 40.198 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1486896
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 33.8
 203 17.9 0.0 38.6

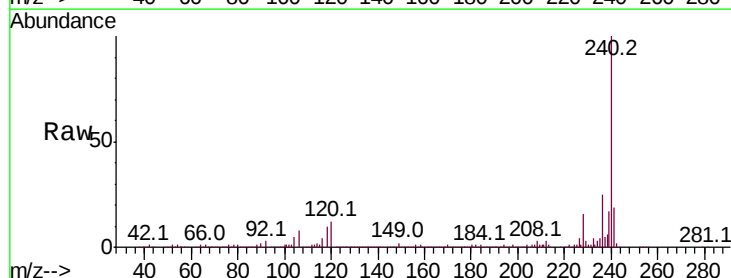


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

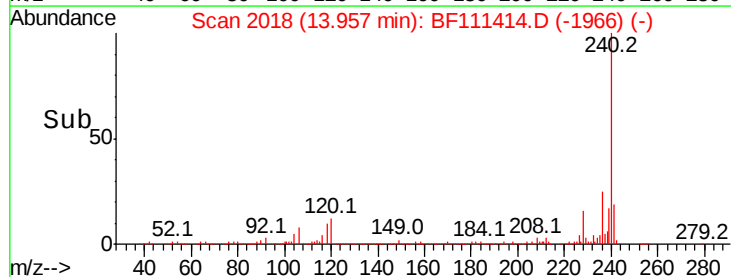
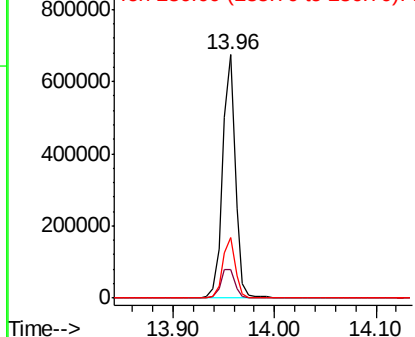


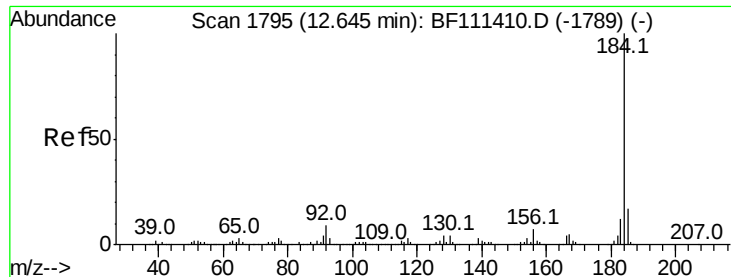
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion:240 Resp: 588277
 Ion Ratio Lower Upper
 240 100
 120 11.6 12.2 18.2#
 236 24.6 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: 35.195 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

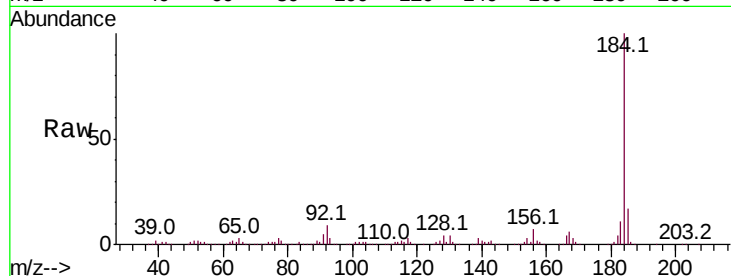
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 761103

Ion	Ratio	Lower	Upper
184	100		
185	17.2	13.0	19.6
183	11.2	9.3	13.9

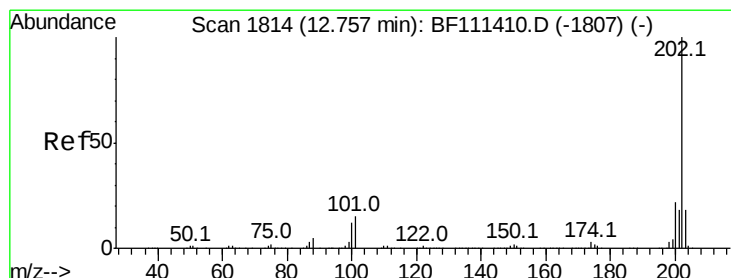
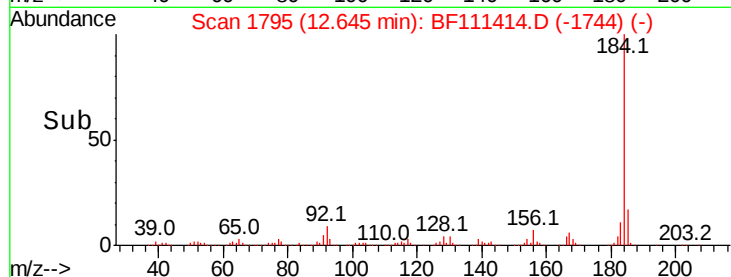
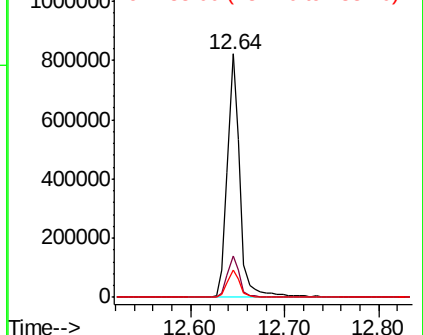


Abundance

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: 37.582 ng

RT: 12.76 min Scan# 1814

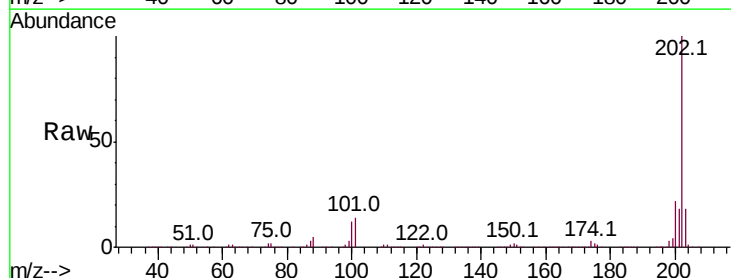
Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Tgt Ion:202 Resp: 1558735

Ion	Ratio	Lower	Upper
202	100		
200	21.6	19.0	28.4
203	18.4	15.2	22.8

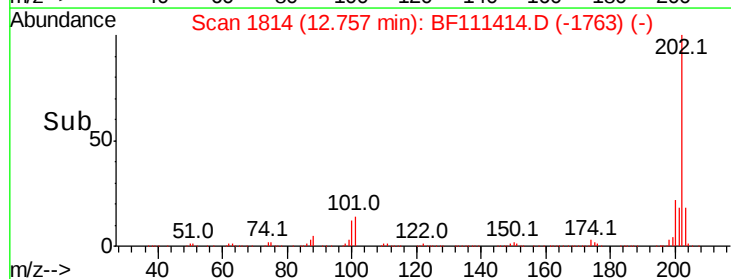
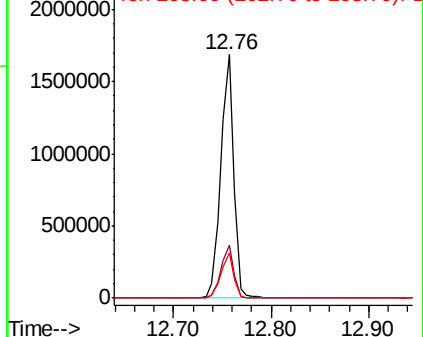


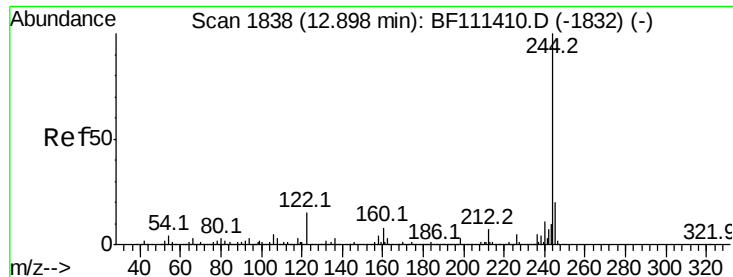
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



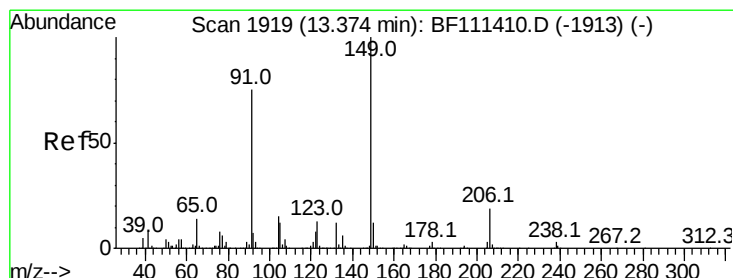
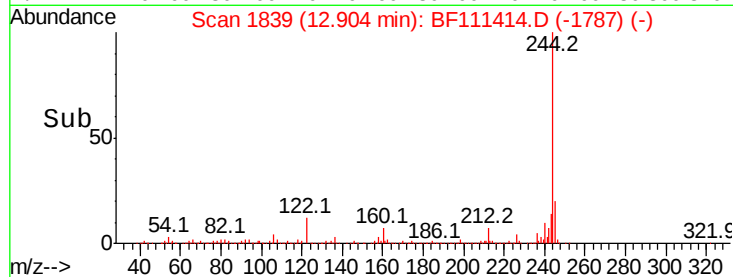
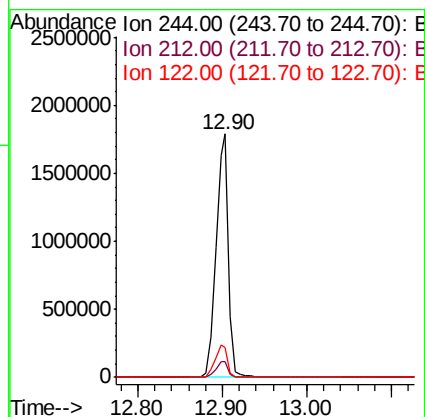
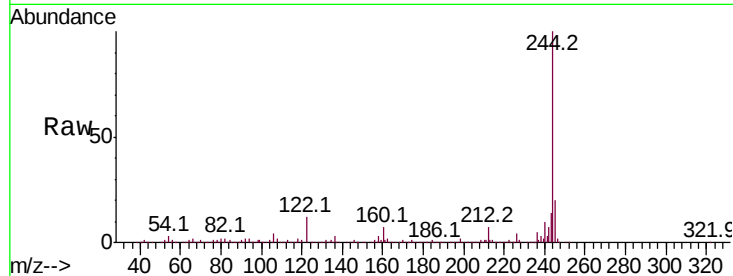


#79
 Terphenyl-d14
 Concen: 74.443 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.01 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1864932

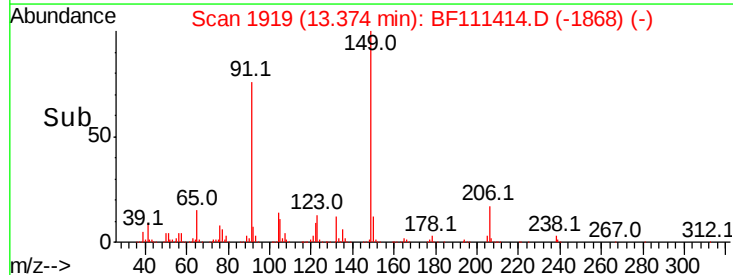
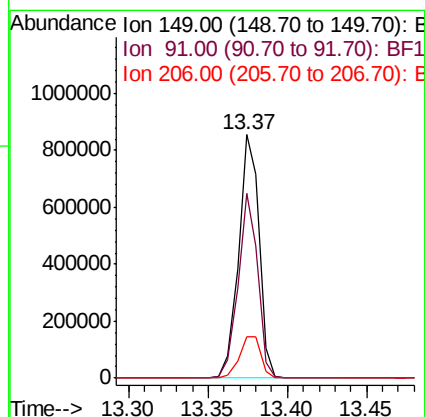
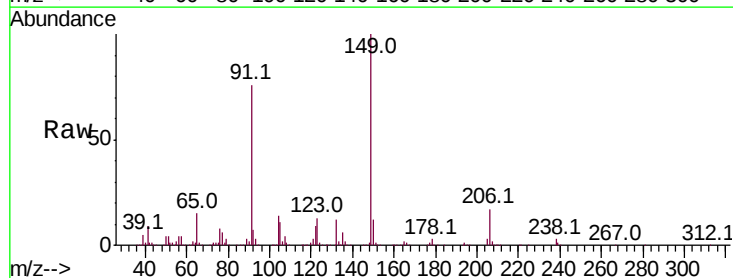
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	12.1	13.1	19.7#

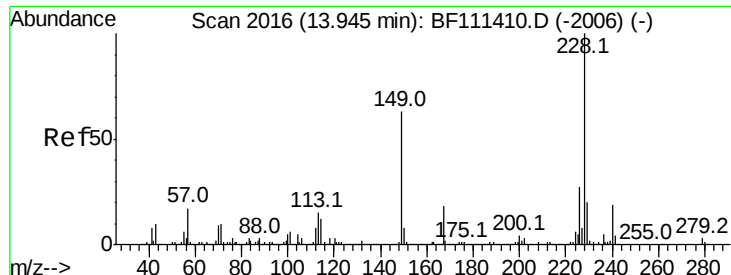


#80
 Butylbenzylphthalate
 Concen: 37.781 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion:149 Resp: 763803

Ion	Ratio	Lower	Upper
149	100		
91	75.9	63.8	95.6
206	17.2	15.1	22.7

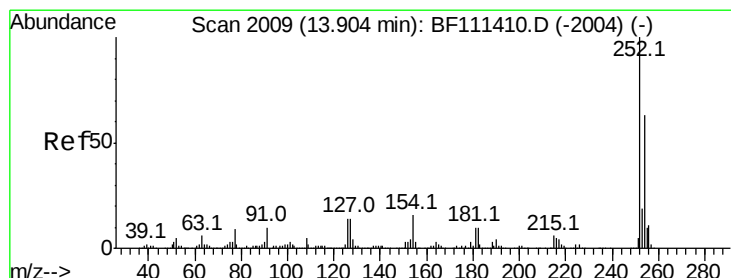
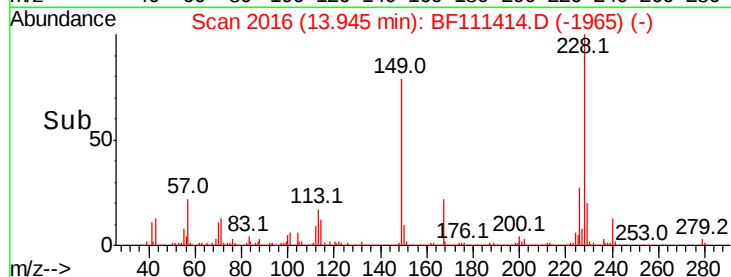
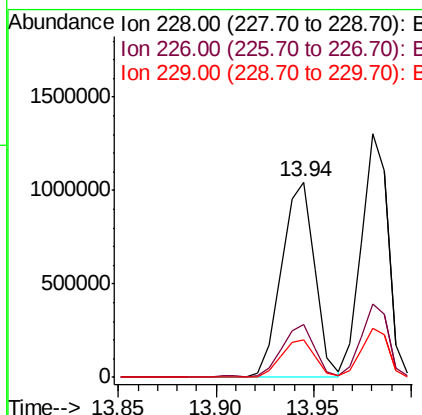
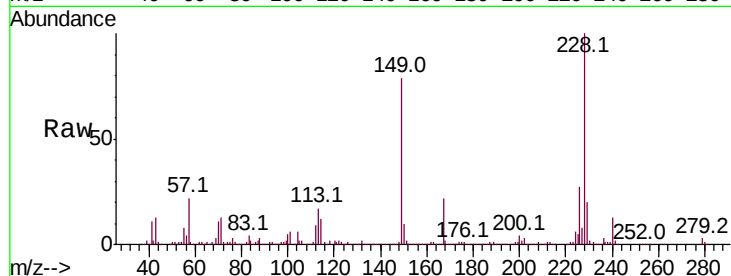




#81
Benzo(a)anthracene
Concen: 38.399 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

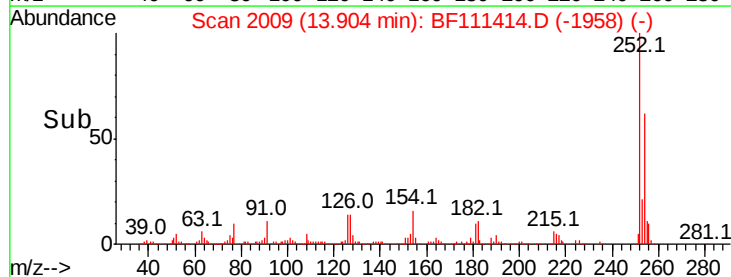
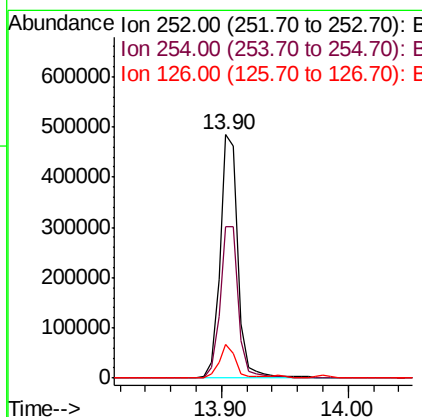
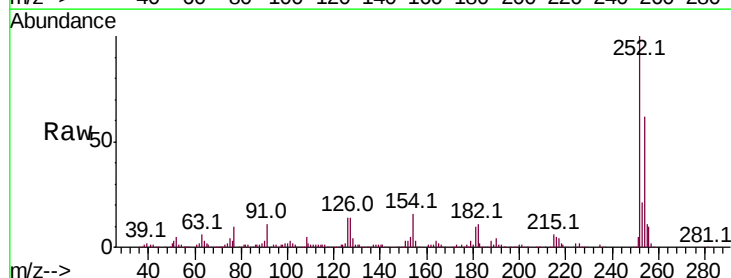
Instrument :
BNA_F
ClientSampleId :

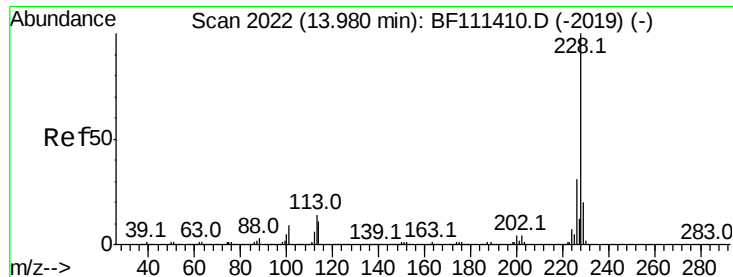
Tot Ion:228 Resp: 1228255
Ion Ratio Lower Upper
228 100
226 27.0 22.6 34.0
229 19.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 36.794 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion:252 Resp: 478448
Ion Ratio Lower Upper
252 100
254 62.4 52.7 79.1
126 13.9 11.1 16.7

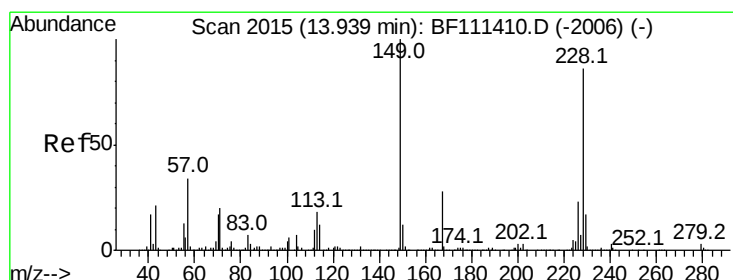
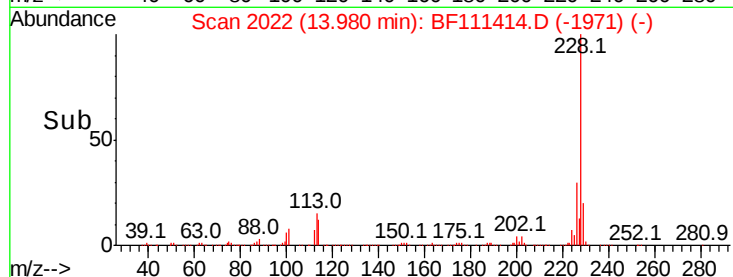
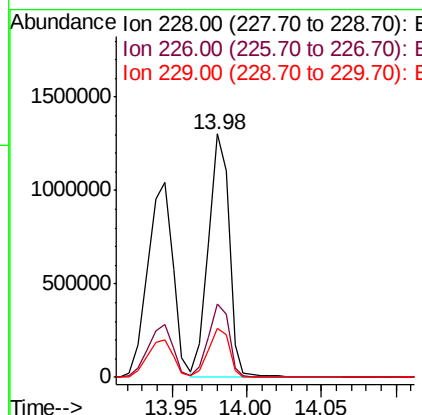
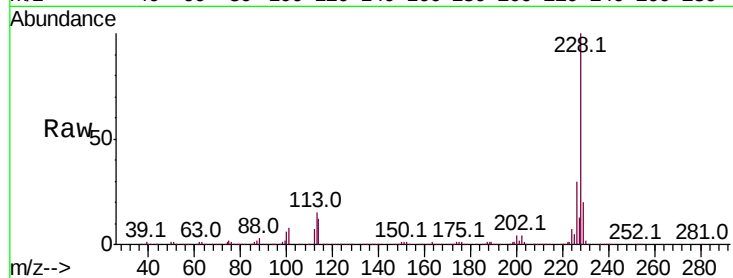




#83
 Chrvsene
 Concen: 37.061 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

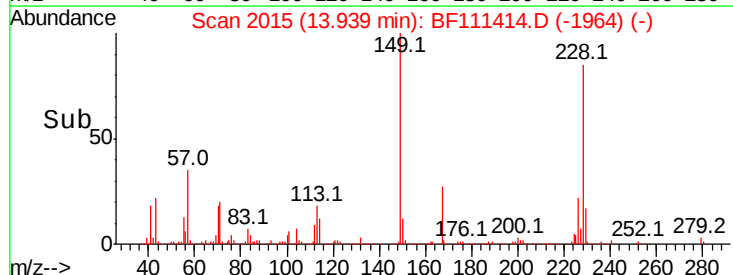
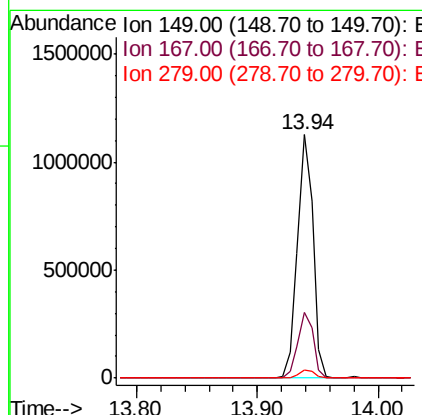
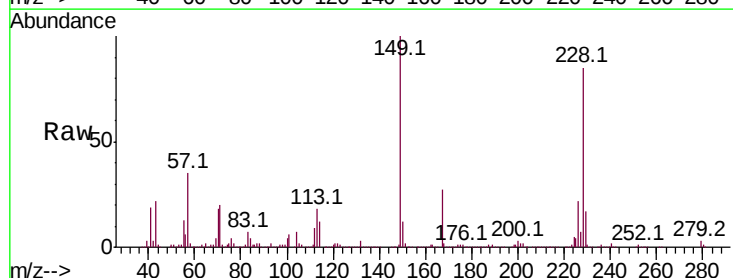
Instrument :
 BNA_F
 ClientSampleId :

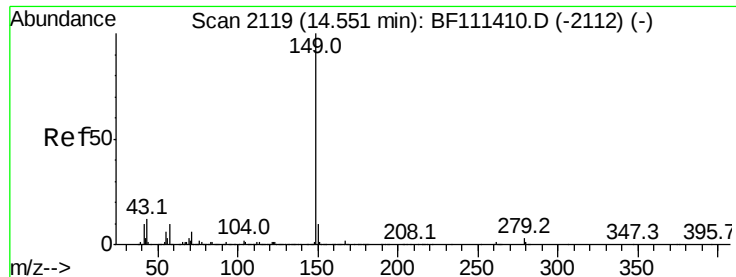
Tot Ion:228 Resp: 1248813
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.3 37.9
 229 20.1 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.442 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion:149 Resp: 992643
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.5 33.7
 279 3.1 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 39.765 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

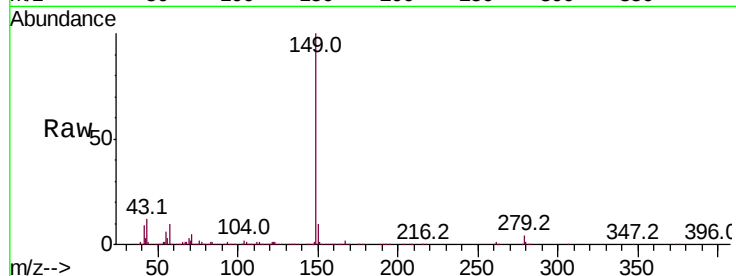
Tot Ion:149 Resp: 1731933

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

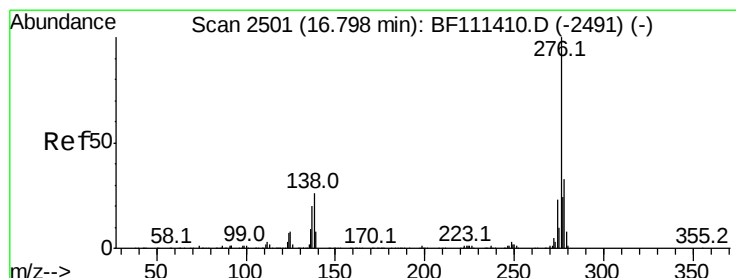
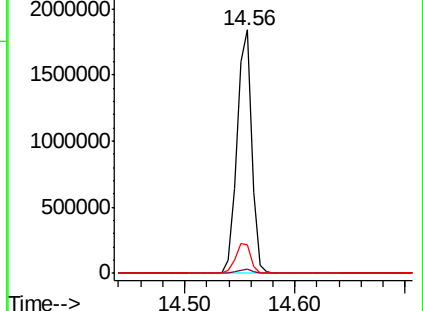
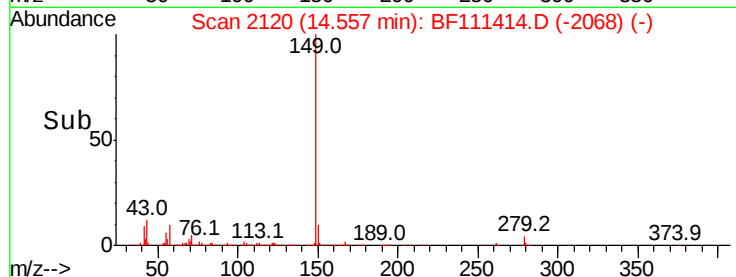
43 12.9 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.061 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

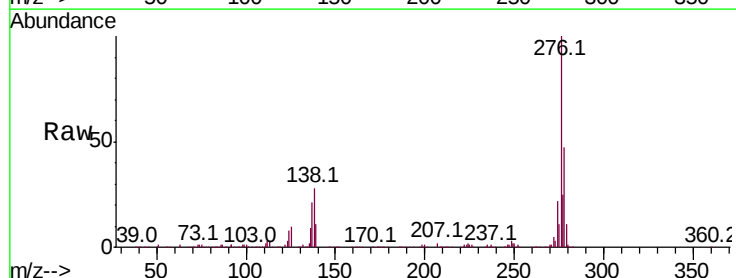
Tgt Ion:276 Resp: 852679

Ion Ratio Lower Upper

276 100

138 31.1 27.8 41.6

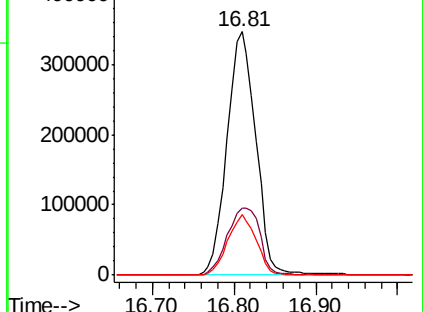
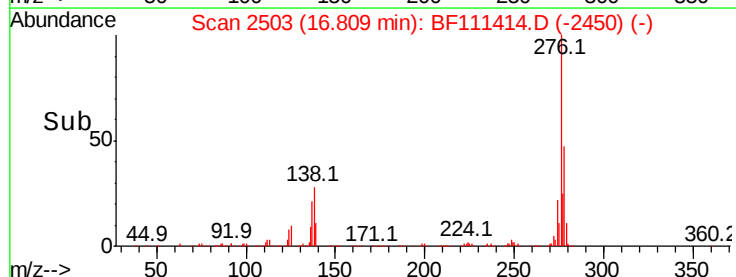
277 24.7 20.1 30.1

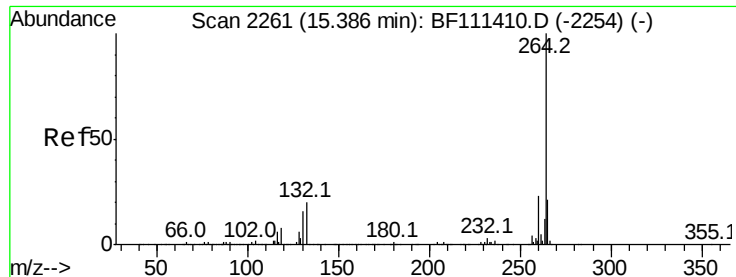


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



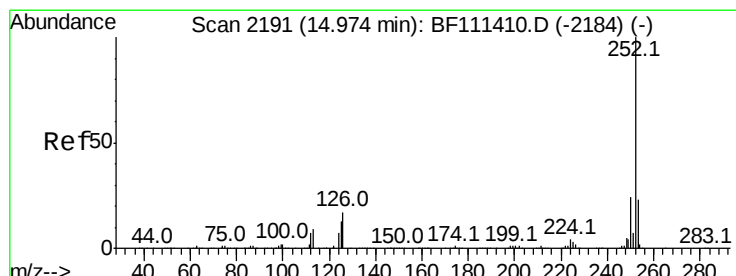
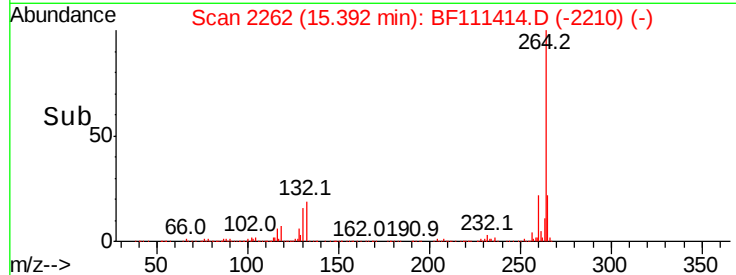
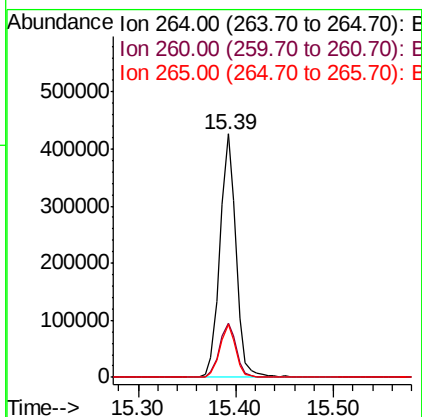
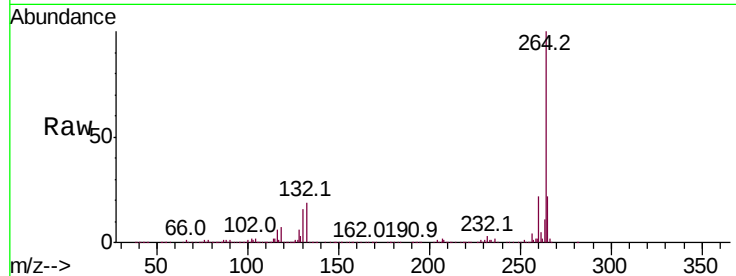


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 489048

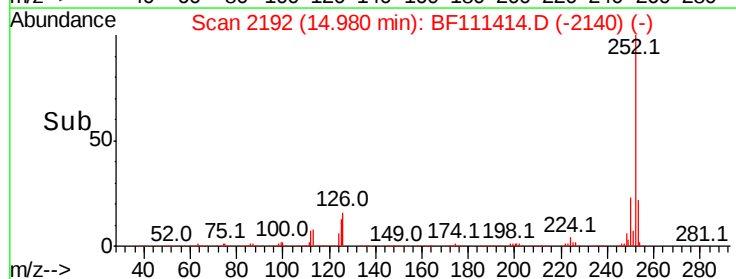
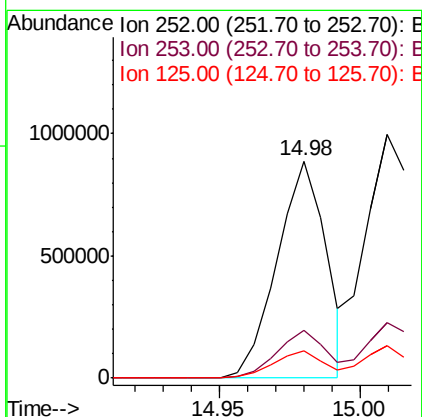
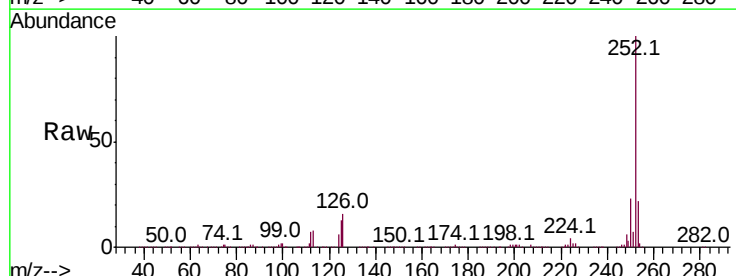
Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.3	27.5
265	21.9	17.7	26.5

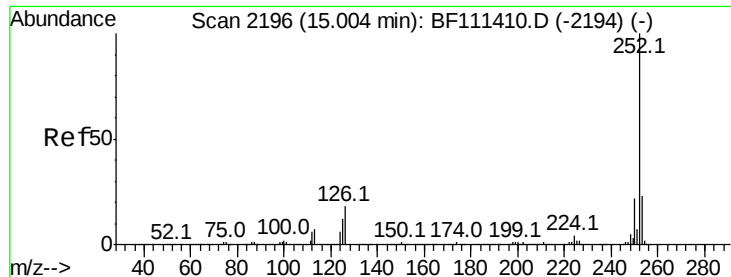


#88
Benzo(b)fluoranthene
Concen: 37.467 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion:252 Resp: 1068257

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	12.9	10.4	15.6

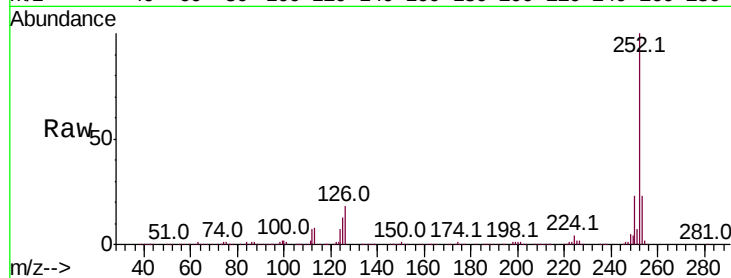




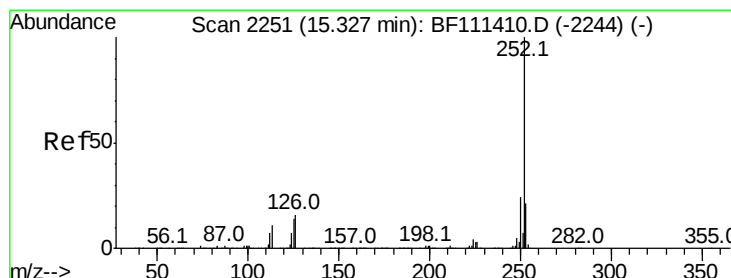
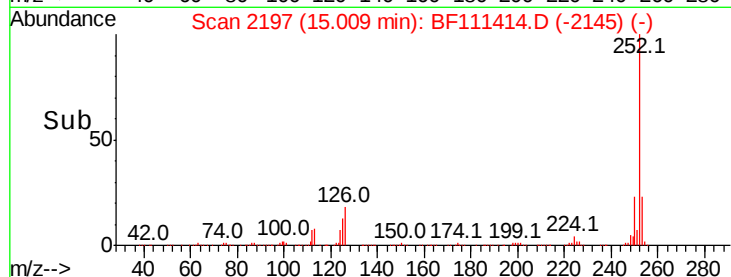
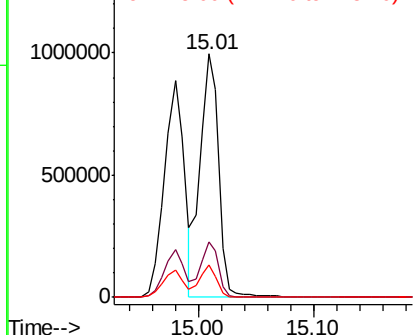
#89
Benzo(k)fluoranthene
Concen: 41.293 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1124968
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 13.1 9.8 14.8

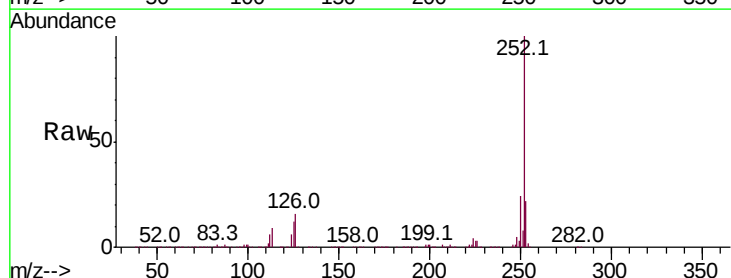


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

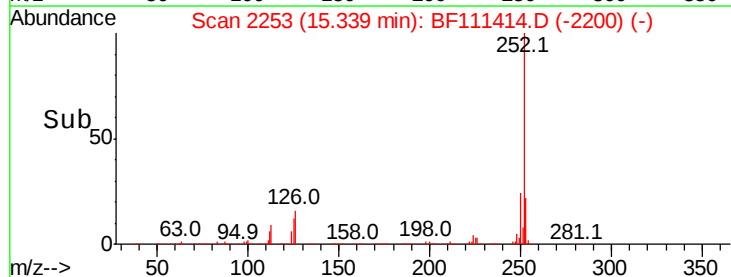
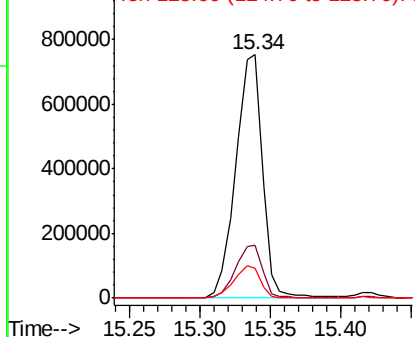


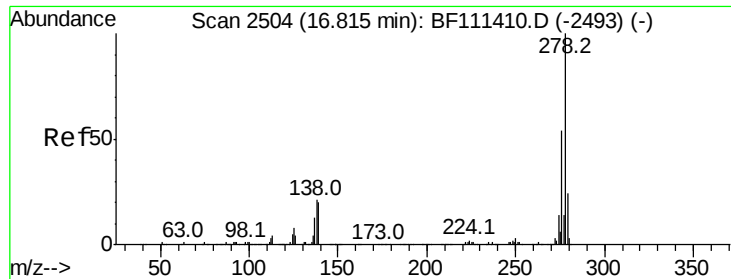
#90
Benzo(a)pyrene
Concen: 38.934 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion:252 Resp: 1001054
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 12.2 12.3 18.5#



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

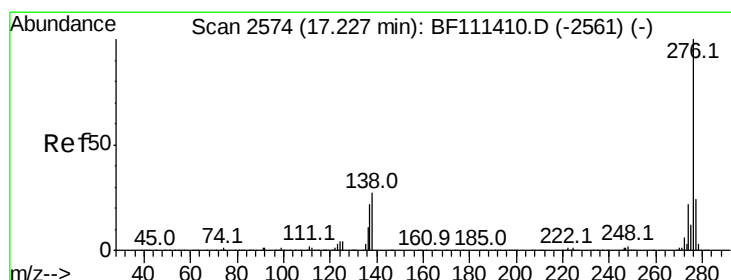
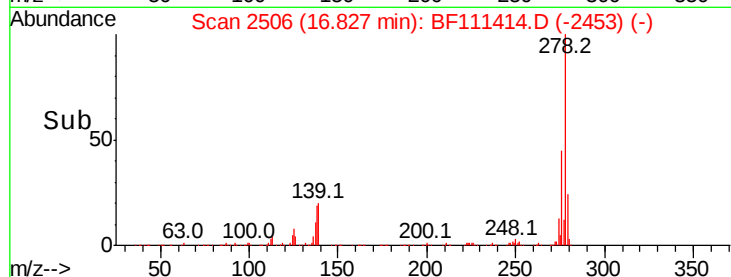
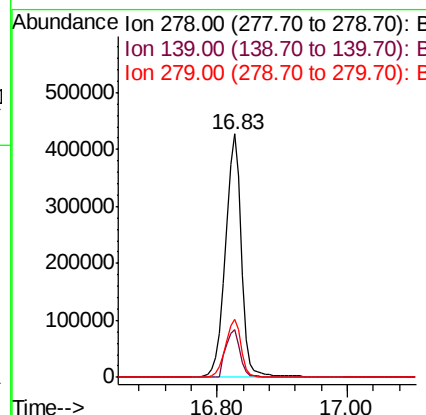
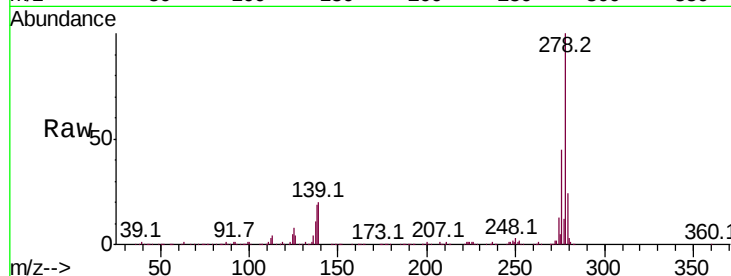




#91
Dibenzo(a,h)anthracene
Concen: 35.985 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 729846
Ion Ratio Lower Upper
278 100
139 19.7 18.2 27.4
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 34.323 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion:276 Resp: 683308
Ion Ratio Lower Upper
276 100
277 22.6 19.2 28.8
138 27.5 24.9 37.3

