

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111681.D
 Acq On : 21 Dec 2018 12:15
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 21 13:43:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	180676	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	672147	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	346987	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	666483	20.00	ng	0.00
76) Chrysene-d12	14.06	240	549479	20.00	ng	0.00
87) Perylene-d12	15.53	264	384781	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	885013	83.49	ng	0.00
7) Phenol-d6	6.52	99	1139601	84.48	ng	0.00
23) Nitrobenzene-d5	7.46	82	1067774	92.47	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	377909	92.17	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1945500	81.72	ng	0.00
79) Terphenyl-d14	13.00	244	2305558	79.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	198218	39.746	ng	96
3) Pyridine	3.45	79	521520	40.140	ng	98
4) n-Nitrosodimethylamine	3.39	42	260464	40.962	ng	84
6) Aniline	6.56	93	723140	42.055	ng	99
8) 2-Chlorophenol	6.69	128	497761	42.392	ng	94
9) Benzaldehyde	6.45	77	379205	40.873	ng	96
10) Phenol	6.54	94	642913	42.240	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	462514	40.552	ng	99
12) 1,3-Dichlorobenzene	6.84	146	575029	42.258	ng	97
13) 1,4-Dichlorobenzene	6.92	146	579638	42.002	ng	97
14) 1,2-Dichlorobenzene	7.07	146	546568	42.450	ng	97
15) Benzyl Alcohol	7.03	79	461784	43.103	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	807906	38.460	ng	99
17) 2-Methylphenol	7.15	107	395127	42.026	ng	95
18) Hexachloroethane	7.42	117	197968	42.570	ng	# 85
19) n-Nitroso-di-n-propylamine	7.31	70	368220	41.102	ng	97
20) 3+4-Methylphenols	7.30	107	503437	42.377	ng	# 90
22) Acetophenone	7.30	105	704286	41.360	ng	# 94
24) Nitrobenzene	7.48	77	542712	44.842	ng	96
25) Isophorone	7.72	82	839191	40.936	ng	98
26) 2-Nitrophenol	7.79	139	264212	53.828	ng	95
27) 2,4-Dimethylphenol	7.83	122	401280	41.472	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	556569	40.799	ng	99
29) 2,4-Dichlorophenol	8.03	162	440561	42.332	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	483278	41.671	ng	98
31) Naphthalene	8.20	128	1353457	41.908	ng	97
32) Benzoic acid	7.94	122	254138	39.724	ng	91
33) 4-Chloroaniline	8.25	127	602154	43.138	ng	99
34) Hexachlorobutadiene	8.33	225	295655	41.829	ng	98
35) Caprolactam	8.62	113	156580	44.400	ng	92
36) 4-Chloro-3-methylphenol	8.72	107	447039	43.697	ng	99
37) 2-Methylnaphthalene	8.89	142	892014	42.453	ng	99
38) 1-Methylnaphthalene	8.99	142	858142	42.525	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	476991	41.834	ng	# 97

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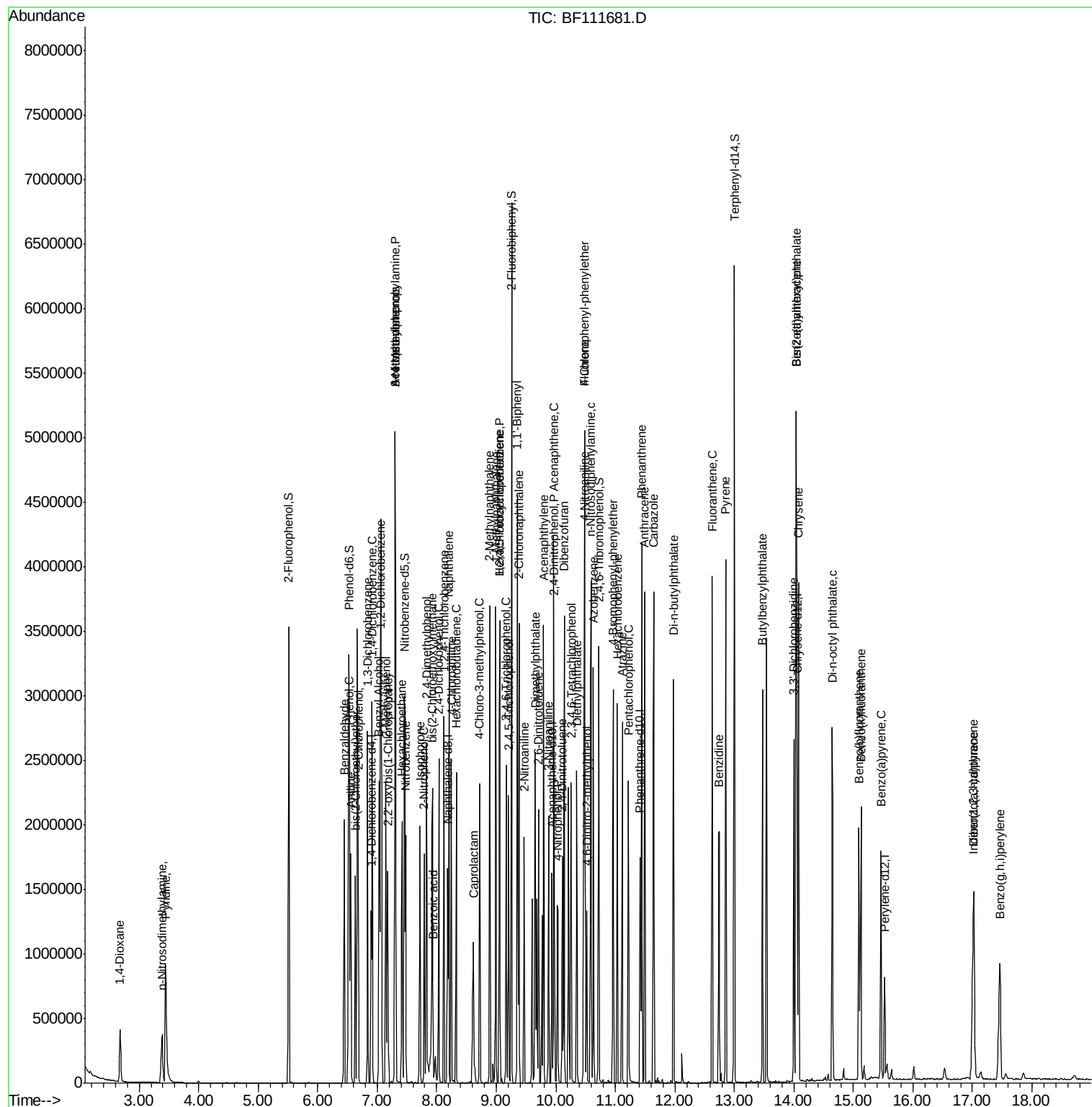
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	259680	46.933	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	325594	42.771	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	340457	43.594	ng	95
46) 1,1'-Biphenyl	9.36	154	1232339	42.072	ng	96
47) 2-Chloronaphthalene	9.38	162	973715	41.958	ng	95
48) 2-Nitroaniline	9.47	65	304376	50.416	ng	99
49) Acenaphthylene	9.80	152	1447064	42.707	ng	96
50) Dimethylphthalate	9.66	163	1070963	42.207	ng	98
51) 2,6-Dinitrotoluene	9.71	165	248400	49.095	ng	88
52) Acenaphthene	9.97	154	910766	43.581	ng	99
53) 3-Nitroaniline	9.88	138	279841	51.861	ng	97
54) 2,4-Dinitrophenol	9.98	184	97367	61.795	ng	# 62
55) Dibenzofuran	10.14	168	1343398	42.549	ng	96
56) 4-Nitrophenol	10.03	139	217490	52.815	ng	92
57) 2,4-Dinitrotoluene	10.12	165	328393	54.004	ng	# 90
58) Fluorene	10.48	166	957152	42.071	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	292435	44.495	ng	90
60) Diethylphthalate	10.36	149	1045446	42.002	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	524948	41.763	ng	93
62) 4-Nitroaniline	10.49	138	273932	52.232	ng	91
63) Azobenzene	10.63	77	1037821	41.532	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	155296	55.210	ng	83
66) n-Nitrosodiphenylamine	10.59	169	929926	41.565	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	348148	42.115	ng	94
68) Hexachlorobenzene	11.03	284	389192	42.225	ng	95
69) Atrazine	11.12	200	321224	41.329	ng	97
70) Pentachlorophenol	11.22	266	255619	44.861	ng	97
71) Phenanthrene	11.45	178	1495609	42.313	ng	95
72) Anthracene	11.49	178	1499010	42.252	ng	96
73) Carbazole	11.65	167	1487685	43.191	ng	96
74) Di-n-butylphthalate	11.98	149	1578392	40.870	ng	97
75) Fluoranthene	12.63	202	1560480	43.597	ng	96
77) Benzdine	12.74	184	775117	37.488	ng	99
78) Pyrene	12.86	202	1603039	41.312	ng	97
80) Butylbenzylphthalate	13.47	149	675436	42.703	ng	87
81) Benzo(a)anthracene	14.04	228	1331009	42.445	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	545349	44.015	ng	# 95
83) Chrysene	14.08	228	1294870	42.013	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	832202	41.770	ng	97
85) Di-n-octyl phthalate	14.64	149	1238551	40.124	ng	95
86) Indeno(1,2,3-cd)pyrene	17.01	276	926332	35.355	ng	# 88
88) Benzo(b)fluoranthene	15.09	252	1026735	45.657	ng	# 97
89) Benzo(k)fluoranthene	15.13	252	954091	44.564	ng	# 95
90) Benzo(a)pyrene	15.46	252	878857	43.017	ng	# 94
91) Dibenzo(a,h)anthracene	17.03	278	767186	42.882	ng	# 92
92) Benzo(g,h,i)perylene	17.46	276	784385	44.900	ng	# 86

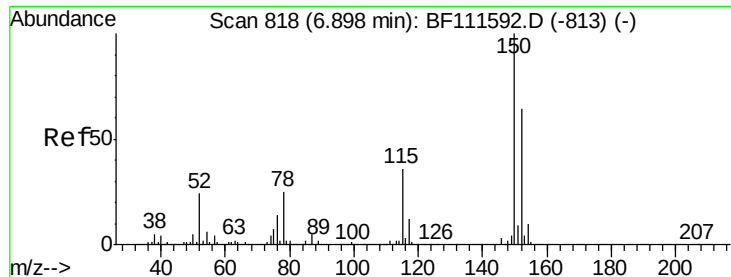
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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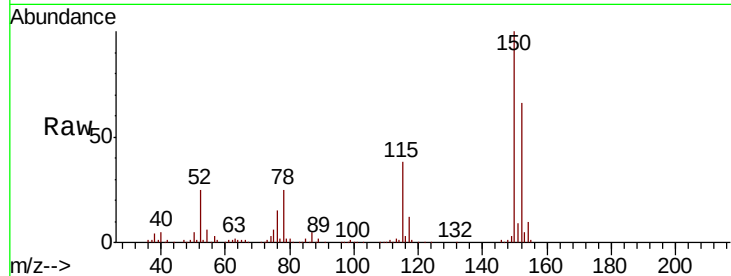


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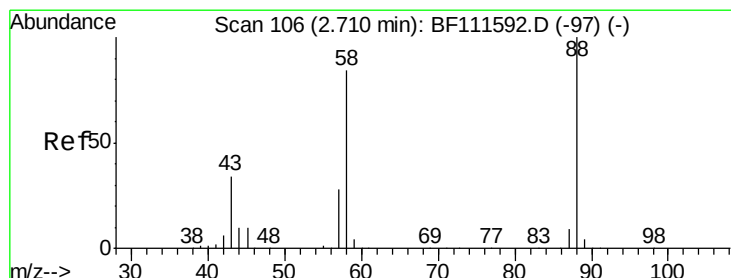
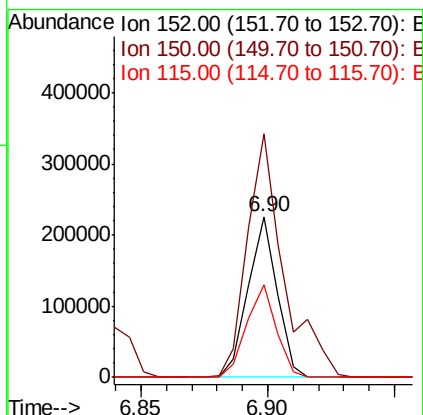
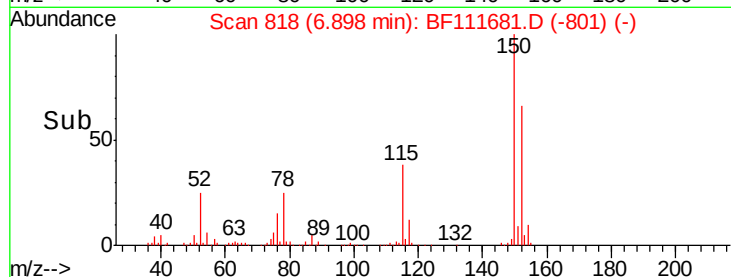
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 180676
Ion Ratio Lower Upper
152 100
150 151.6 126.6 189.8
115 57.4 50.7 76.1



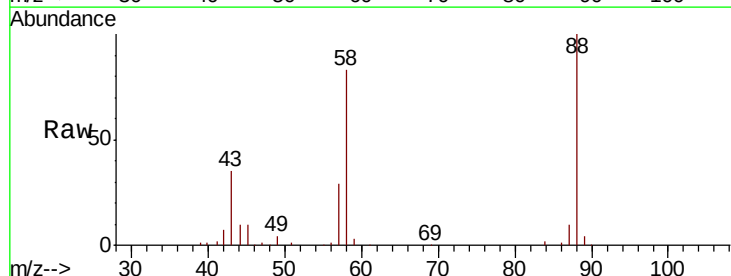
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



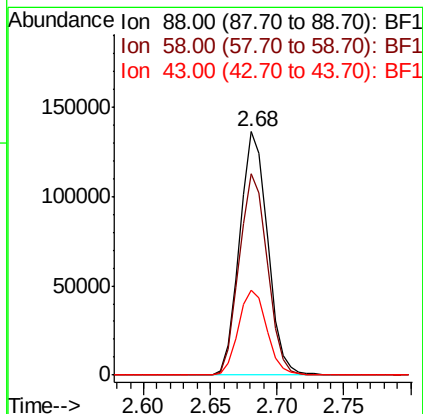
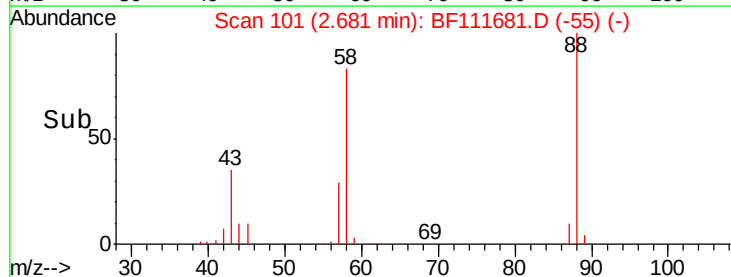
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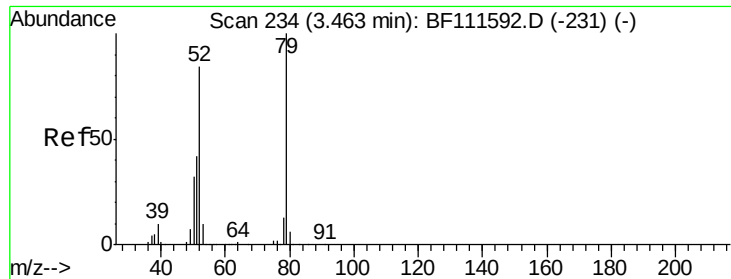
1,4-Dioxane
Concen: 39.746 ng
RT: 2.68 min Scan# 101
Delta R.T. -0.03 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion: 88 Resp: 198218
Ion Ratio Lower Upper
88 100
58 83.0 68.9 103.3
43 35.4 25.8 38.6



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





#3

Pvridine

Concen: 40.140 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.02 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

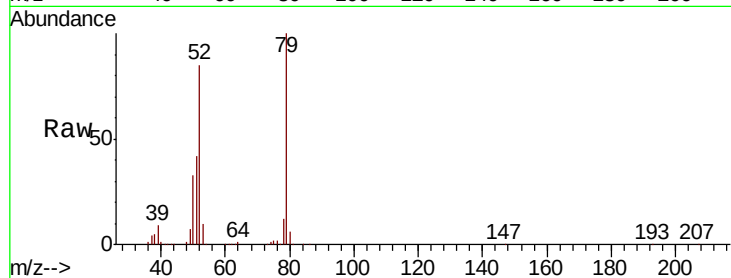
Tot Ion: 79 Resp: 521520

Ion Ratio Lower Upper

79 100

52 84.5 68.3 102.5

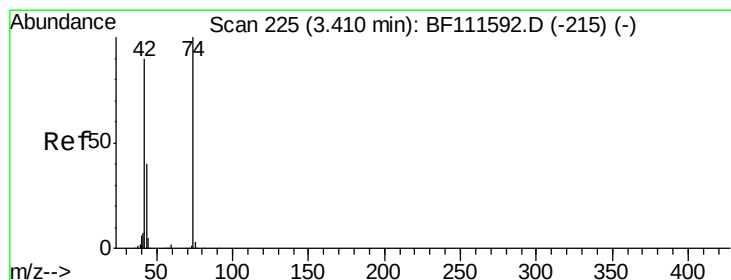
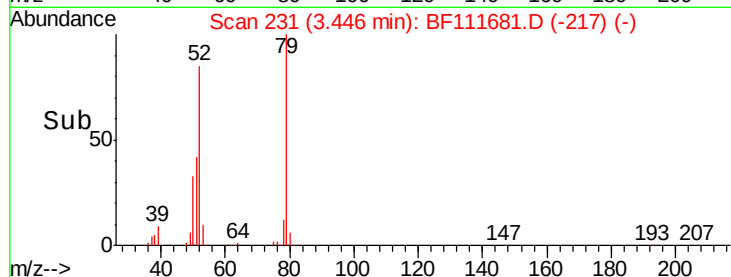
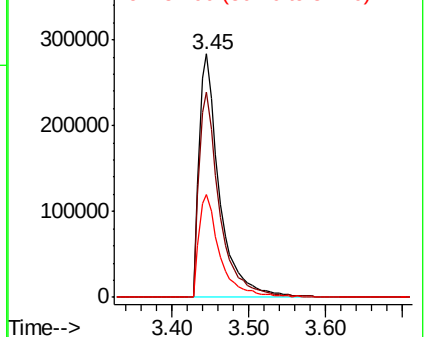
51 42.5 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.962 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.02 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

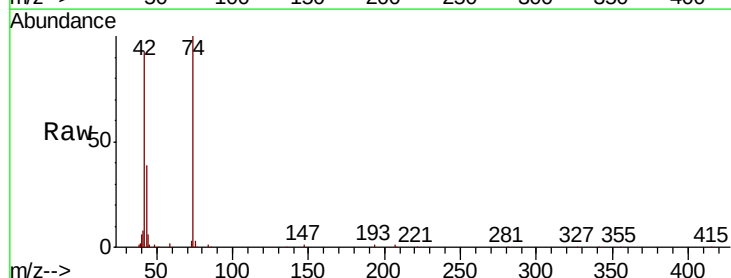
Tgt Ion: 42 Resp: 260464

Ion Ratio Lower Upper

42 100

74 107.8 101.5 152.3

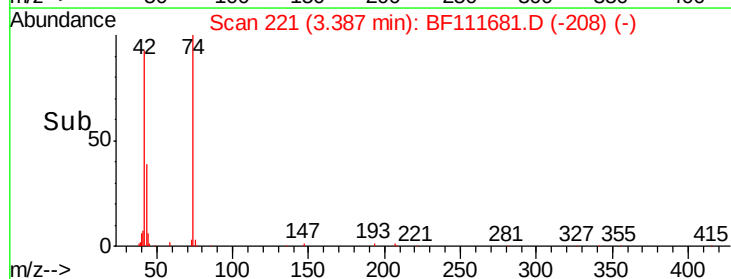
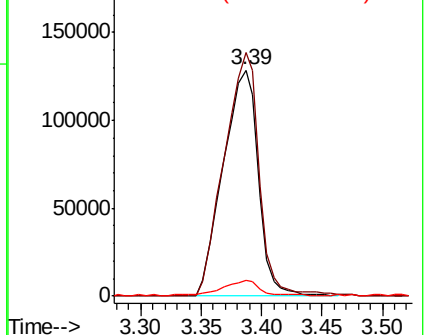
44 6.8 6.0 9.0

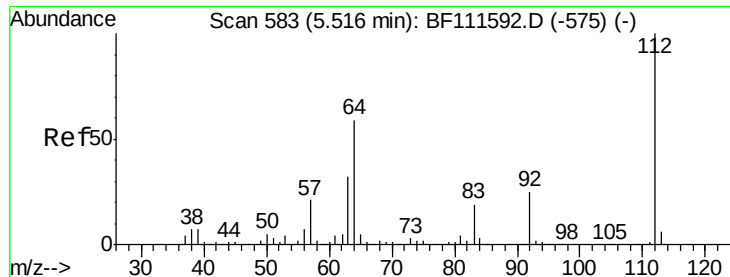


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 83.494 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

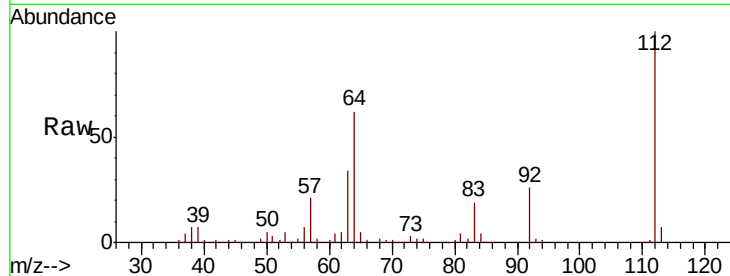
Tot Ion:112 Resp: 885013

Ion Ratio Lower Upper

112 100

64 62.2 51.8 77.6

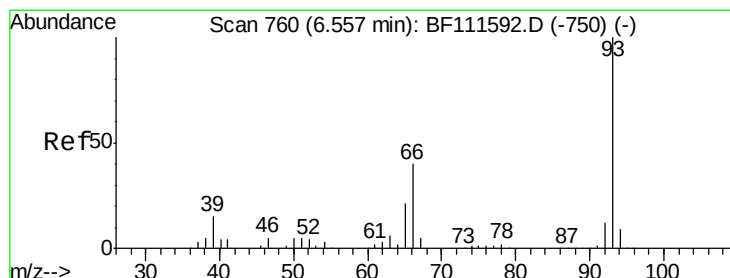
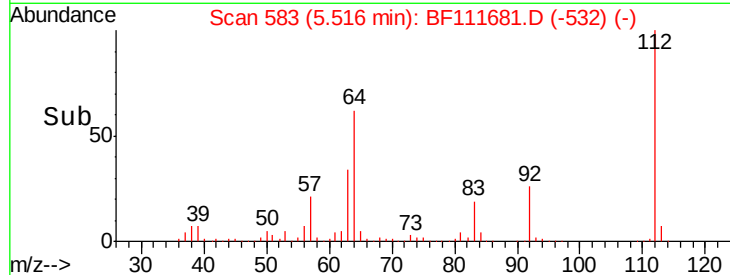
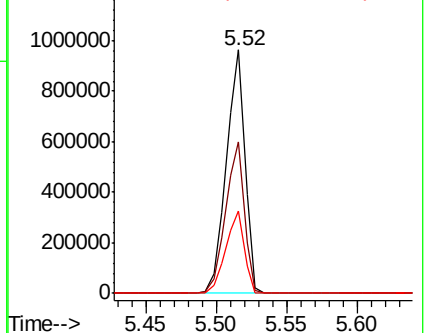
63 33.9 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.055 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

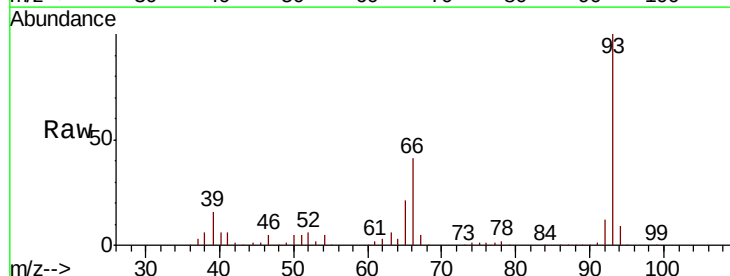
Tgt Ion: 93 Resp: 723140

Ion Ratio Lower Upper

93 100

66 41.1 33.2 49.8

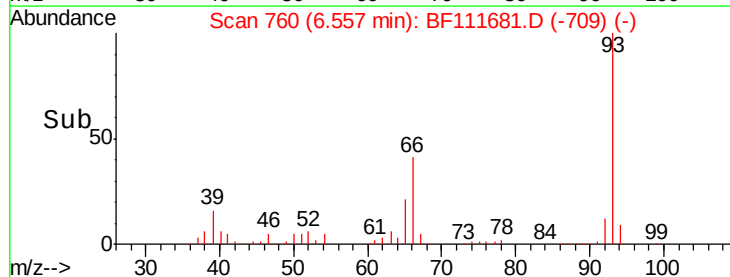
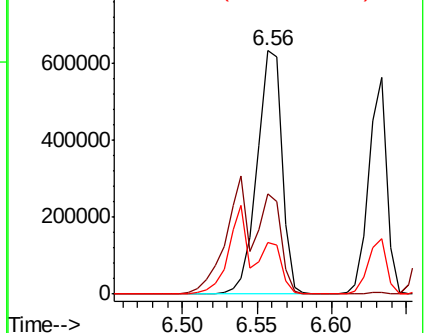
65 21.4 17.0 25.4

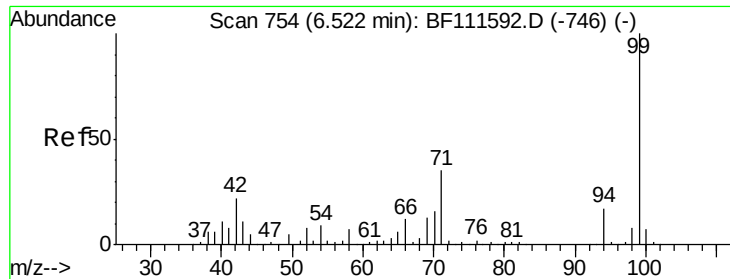


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.479 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

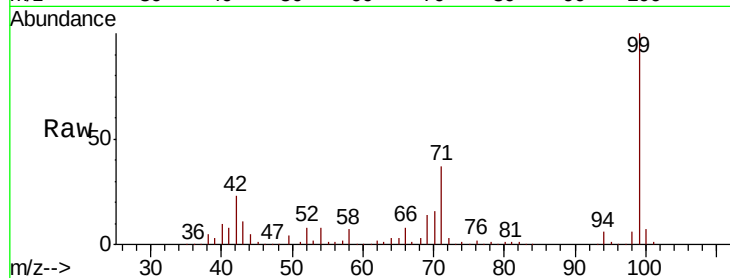
Tot Ion: 99 Resp: 1139601

Ion Ratio Lower Upper

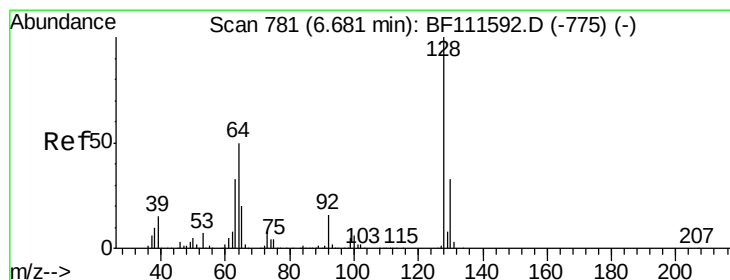
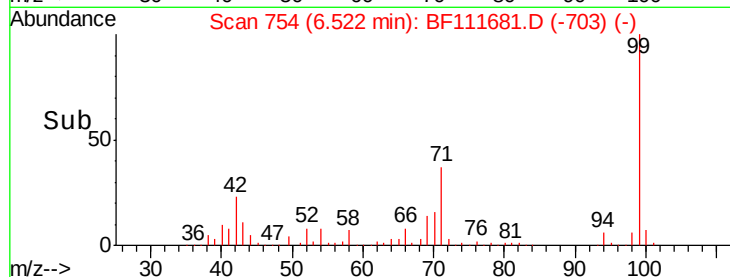
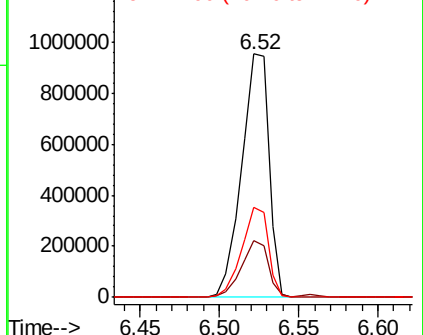
99 100

42 23.2 17.4 26.0

71 36.9 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.392 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

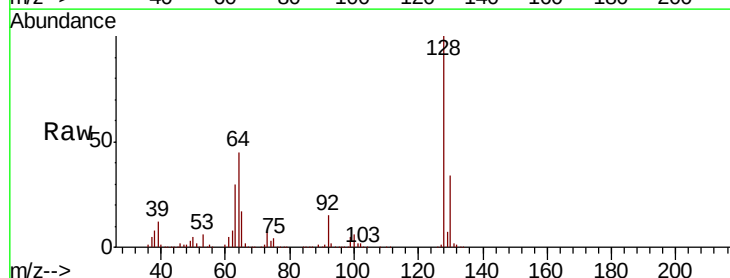
Tgt Ion:128 Resp: 497761

Ion Ratio Lower Upper

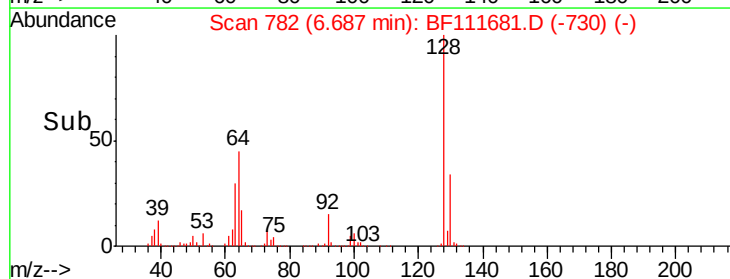
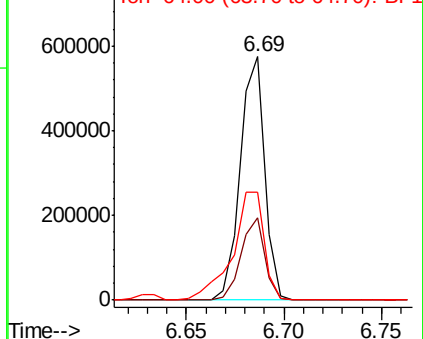
128 100

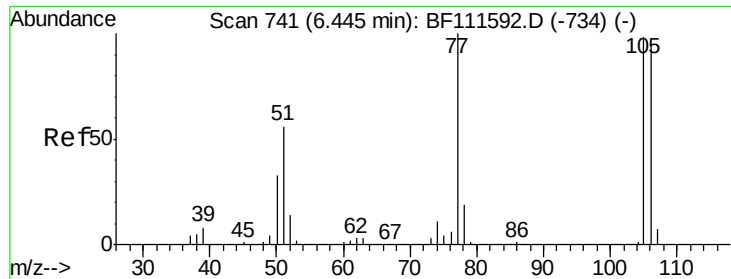
130 33.7 12.7 52.7

64 44.5 30.0 70.0



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

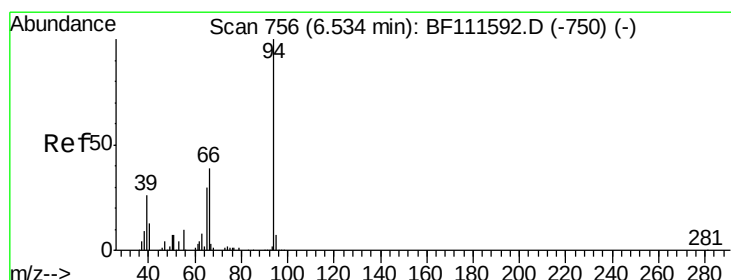
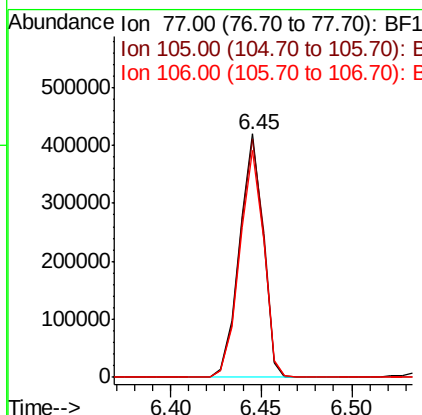
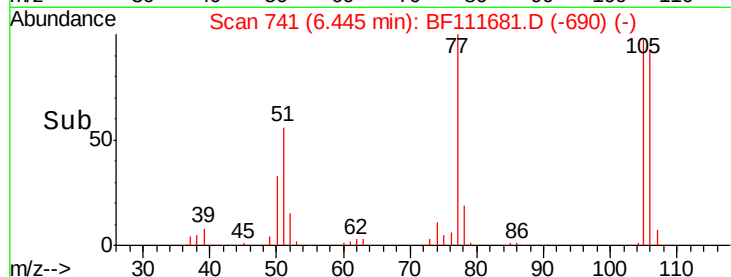
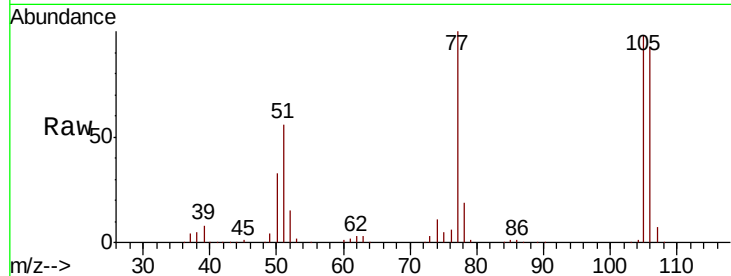




#9
Benzaldehyde
Concen: 40.873 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

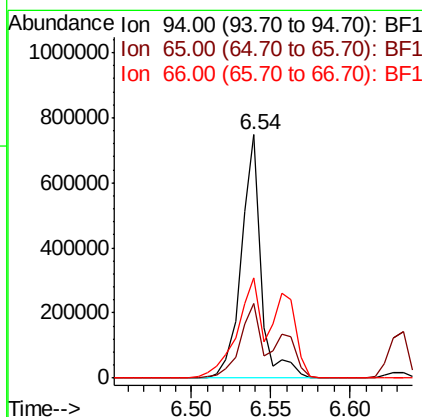
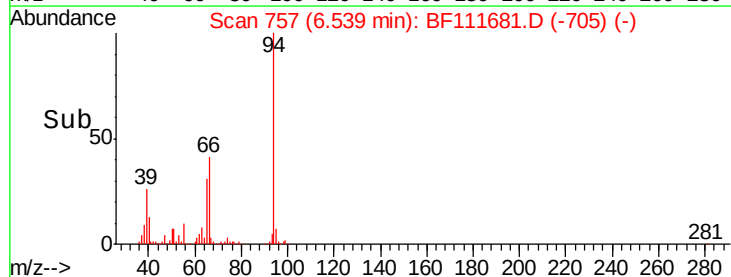
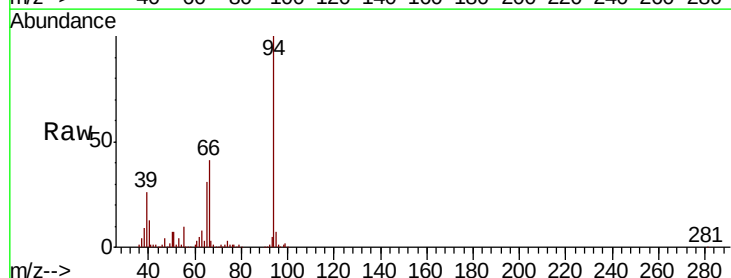
Instrument :
BNA_F
ClientSampled :

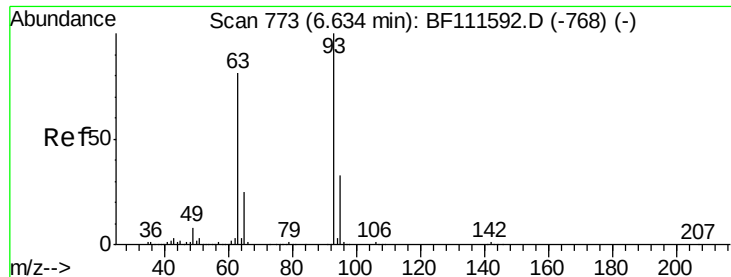
Tot Ion	Ratio	Lower	Upper
77	100		
105	98.0	81.4	121.4
106	93.1	77.9	117.9



#10
Phenol
Concen: 42.240 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.7	51.7
66	41.2	21.0	61.0





#11

bis(2-Chloroethyl)ether

Concen: 40.552 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

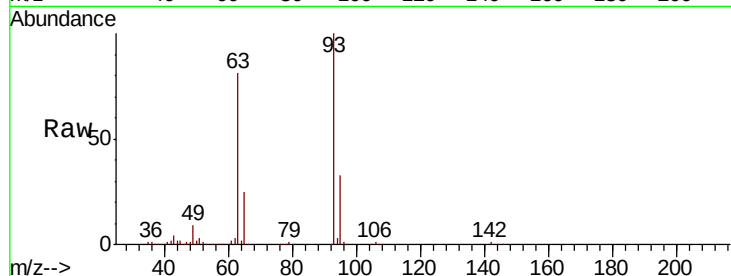
Tot Ion: 93 Resp: 462514

Ion Ratio Lower Upper

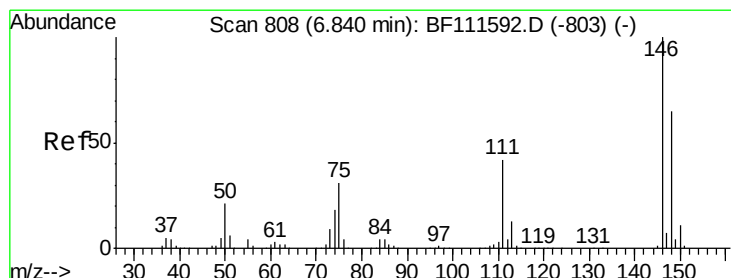
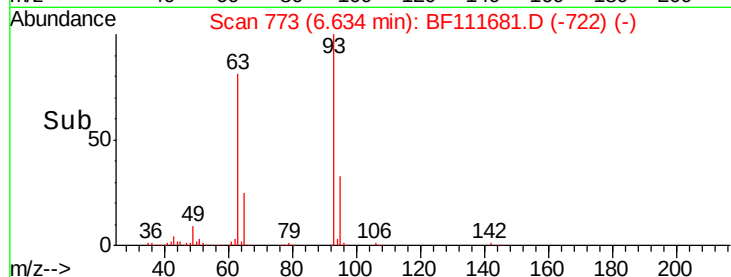
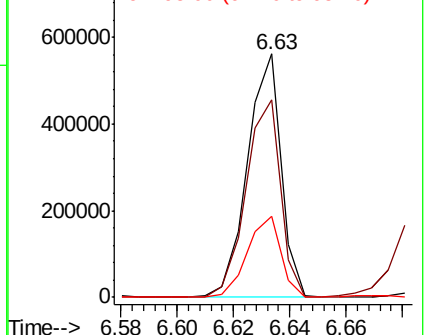
93 100

63 81.0 60.0 100.0

95 33.2 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: 42.258 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

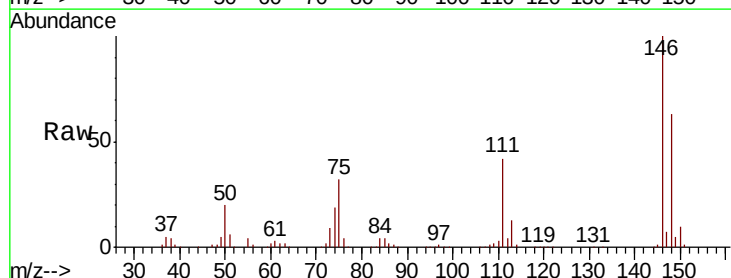
Tgt Ion: 146 Resp: 575029

Ion Ratio Lower Upper

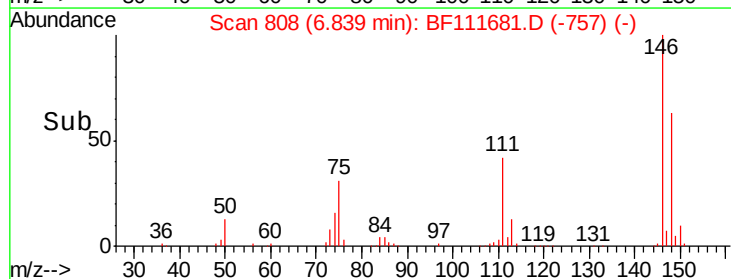
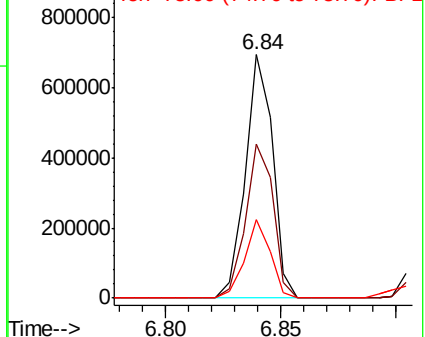
146 100

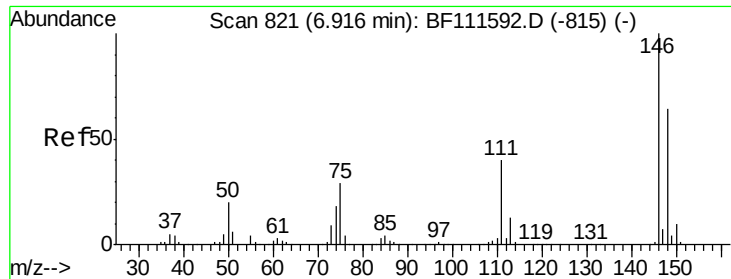
148 63.4 52.1 78.1

75 32.0 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

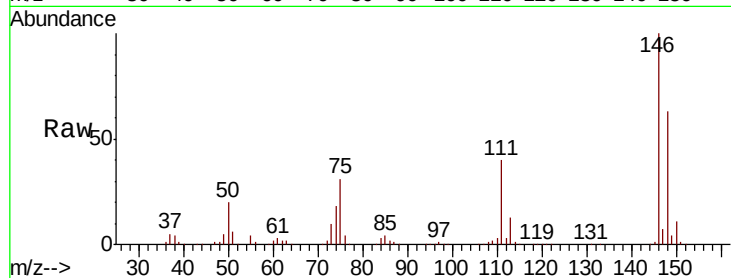




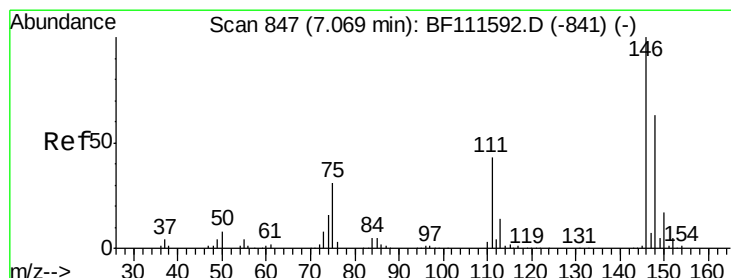
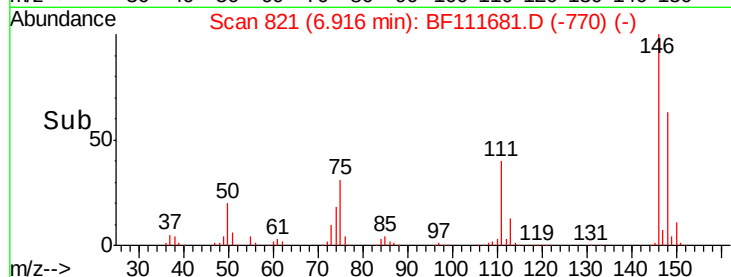
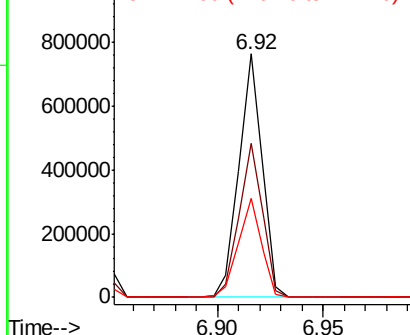
#13
 1,4-Dichlorobenzene
 Concen: 42.002 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 579638
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.8 79.2
 111 40.5 33.4 50.0

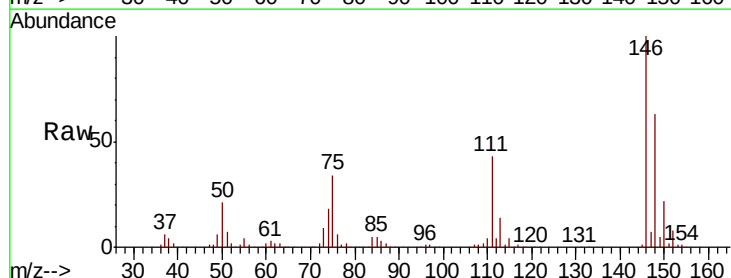


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

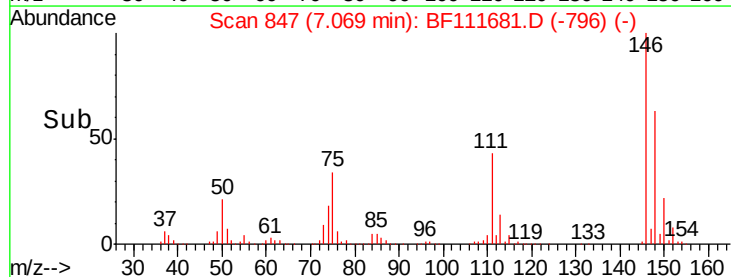
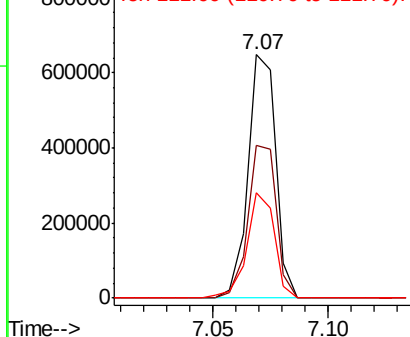


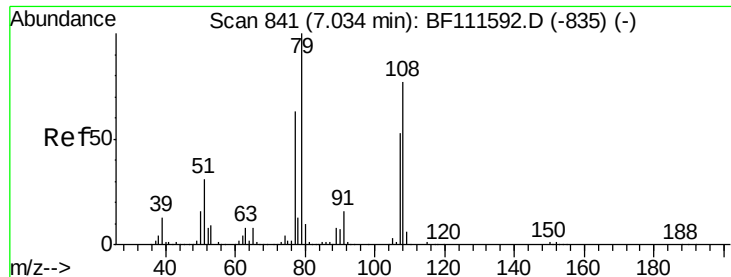
#14
 1,2-Dichlorobenzene
 Concen: 42.450 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion:146 Resp: 546568
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.9 77.9
 111 43.1 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

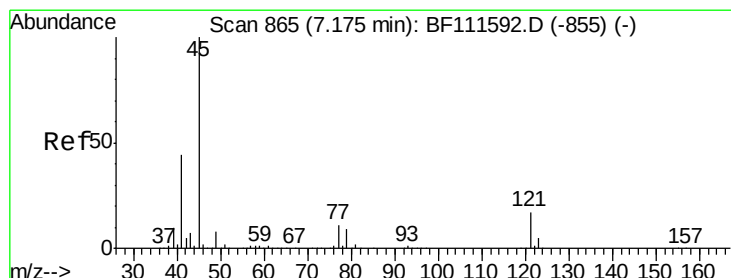
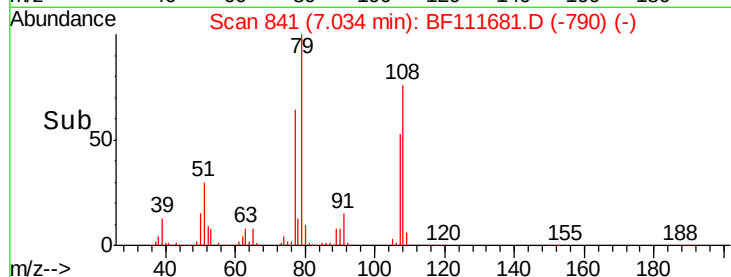
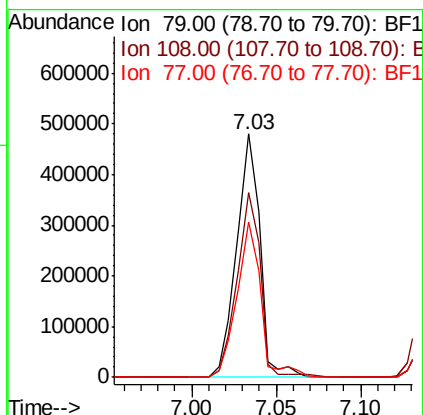
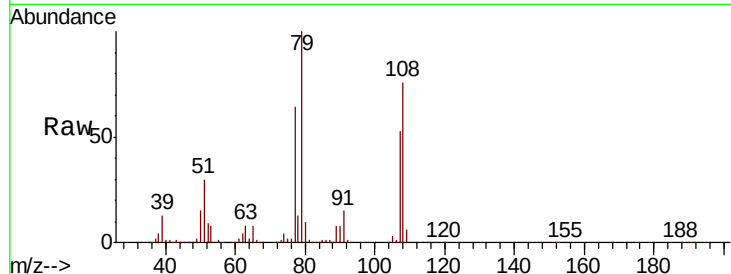




#15
Benzyl Alcohol
Concen: 43.103 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

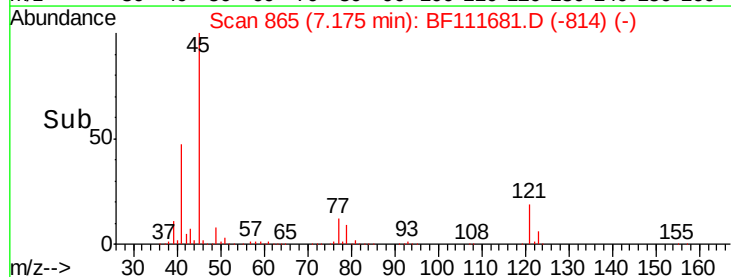
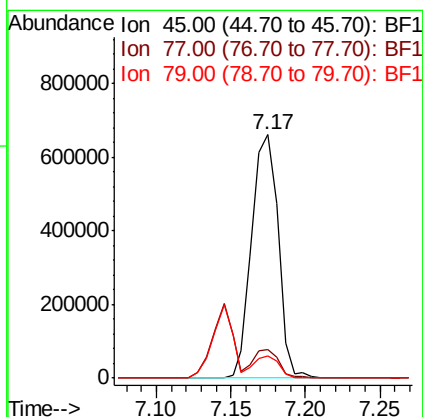
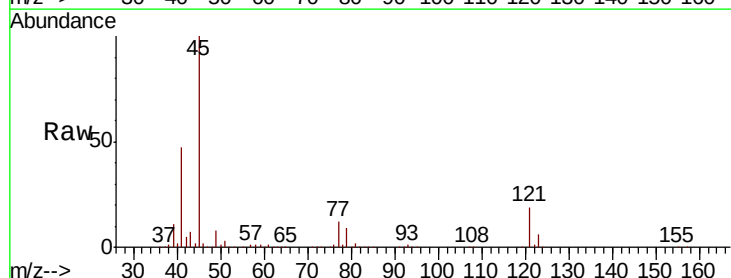
Instrument :
BNA_F
ClientSampleId :

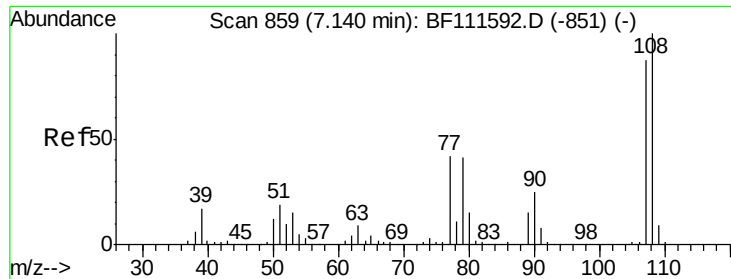
Tot Ion: 79 Resp: 461784
Ion Ratio Lower Upper
79 100
108 75.6 69.4 104.2
77 64.0 49.7 74.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.460 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion: 45 Resp: 807906
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.5
79 9.2 0.0 28.9

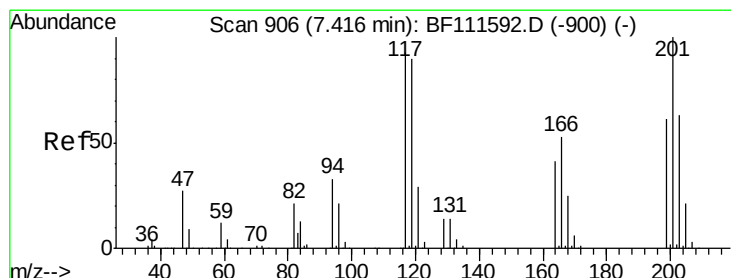
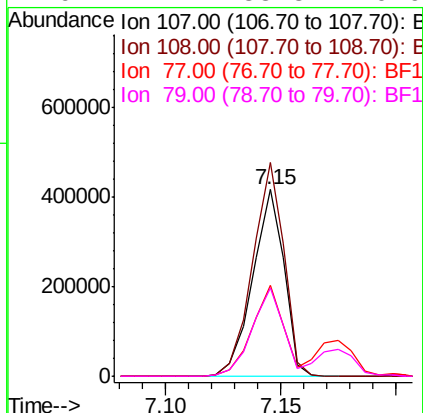
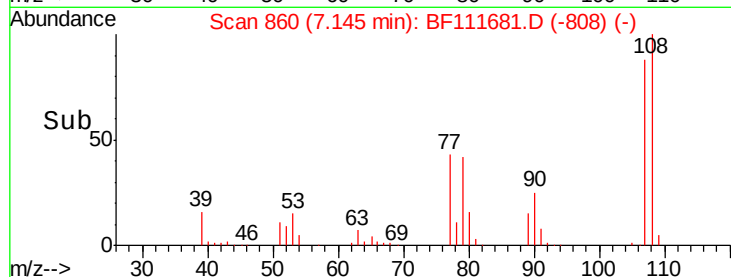
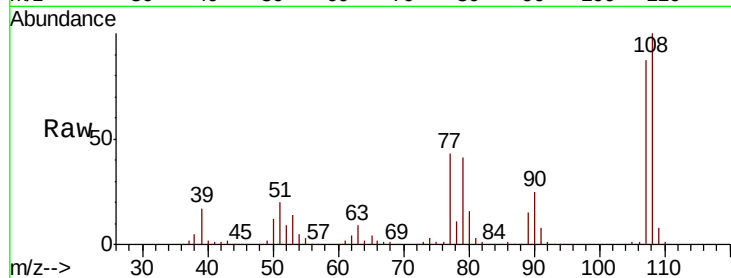




#17
2-Methylphenol
Concen: 42.026 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

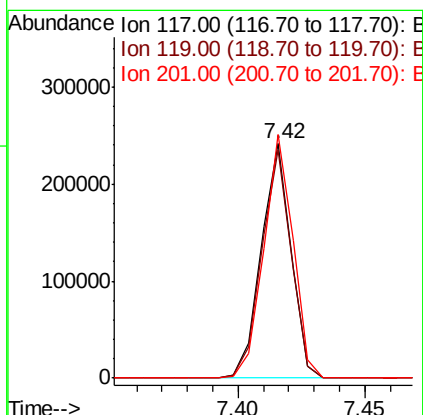
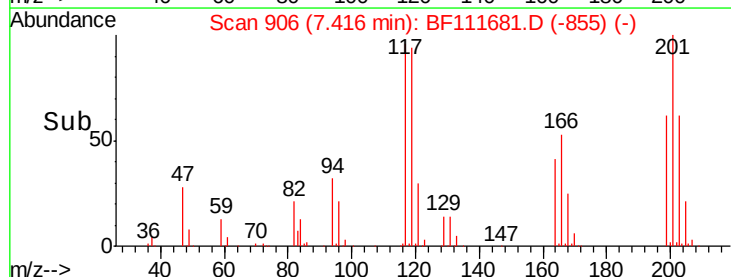
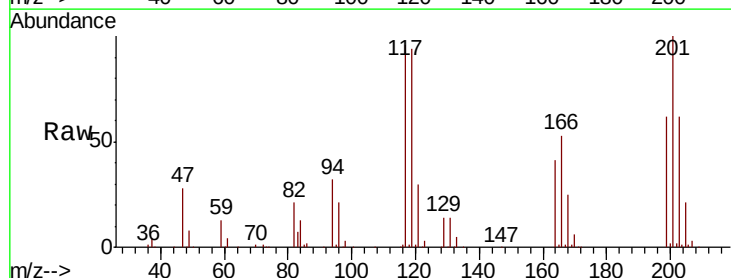
Instrument :
BNA_F
ClientSampleId :

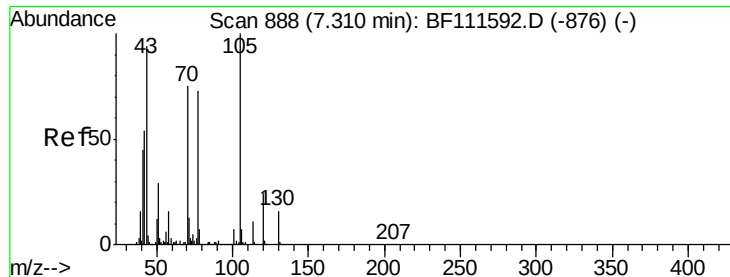
Tot Ion:	107	Resp:	395127
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.4
77	48.7	33.5	50.3
79	47.4	33.3	49.9



#18
Hexachloroethane
Concen: 42.570 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion:	117	Resp:	197968
Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.4	113.0
201	103.8	62.4	93.6#

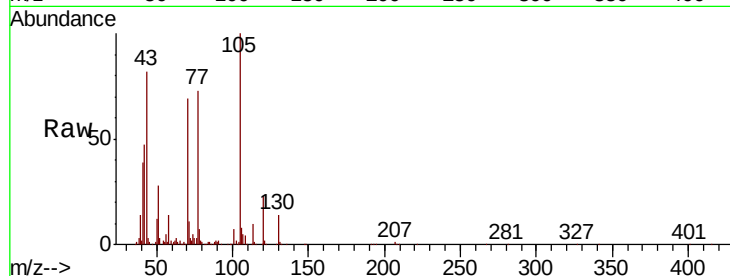




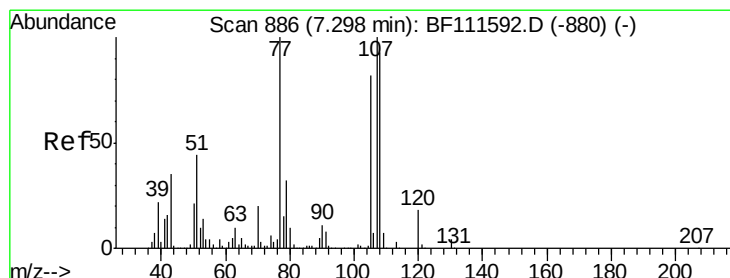
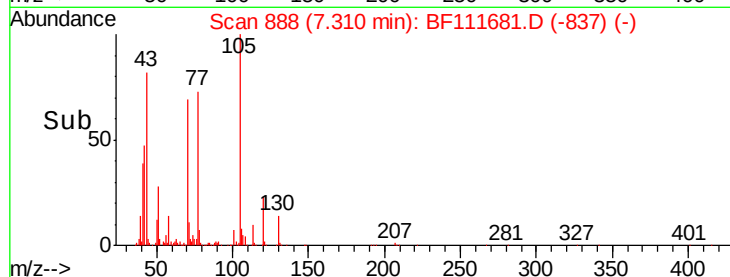
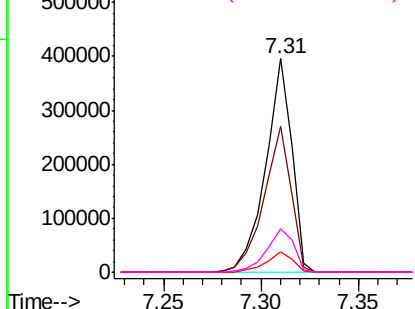
#19
n-Nitroso-di-n-propylamine
Concen: 41.102 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 368220
Ion Ratio Lower Upper
70 100
42 68.2 53.2 79.8
101 9.5 8.2 12.4
130 20.2 18.1 27.1

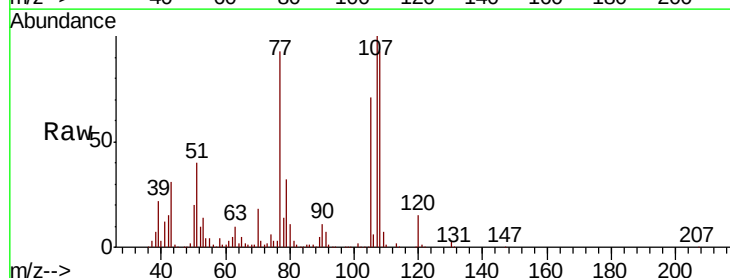


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

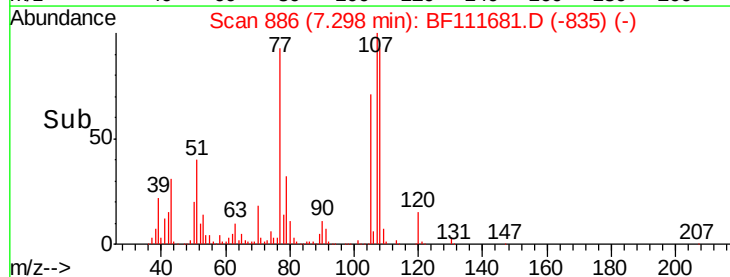
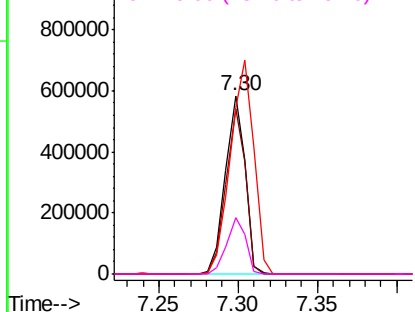


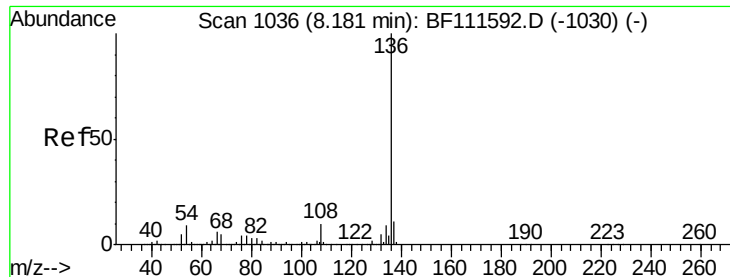
#20
3+4-Methylphenols
Concen: 42.377 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion:107 Resp: 503437
Ion Ratio Lower Upper
107 100
108 93.0 72.1 112.1
77 93.1 94.1 134.1#
79 31.7 9.8 49.8



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

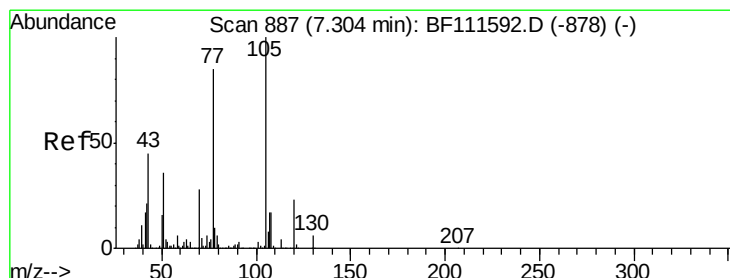
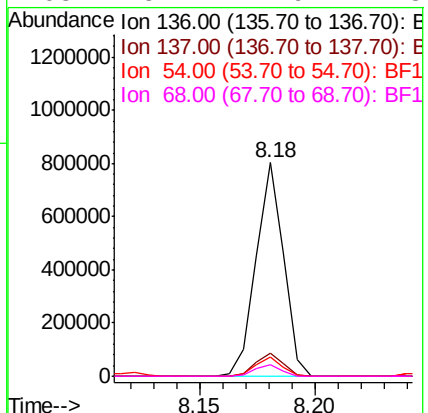
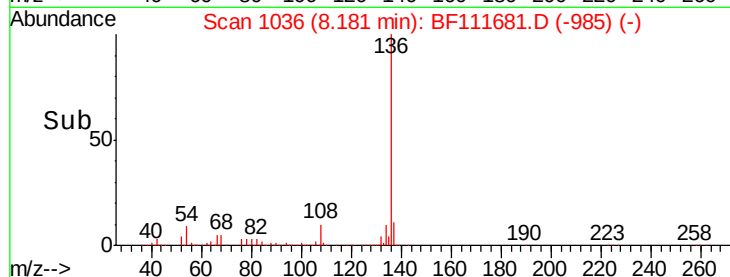
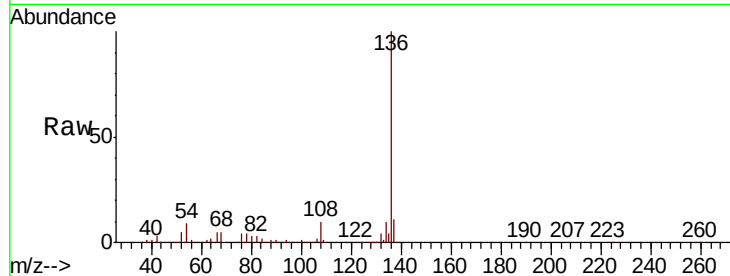




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

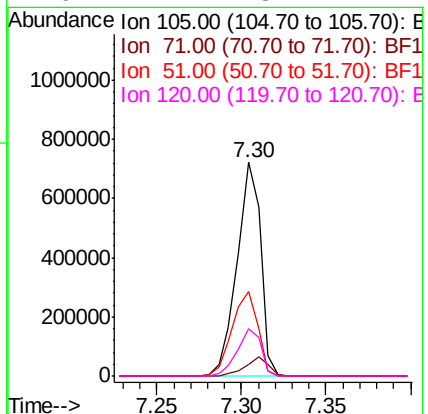
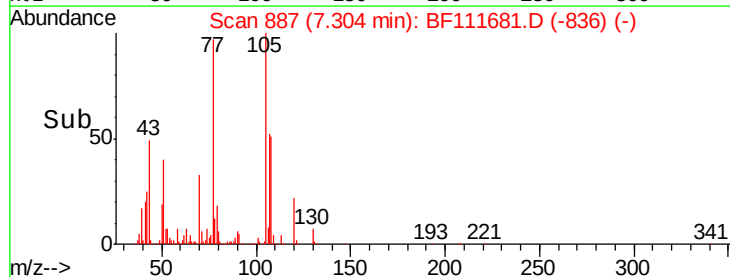
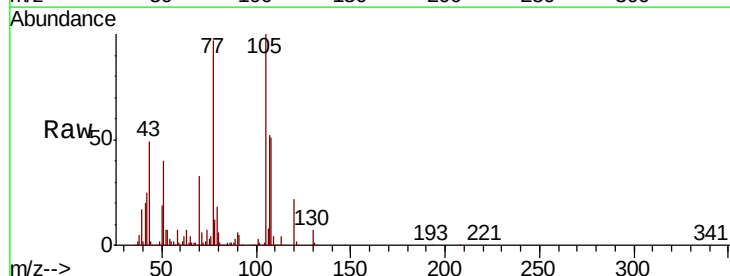
Instrument :
BNA_F
ClientSampleId :

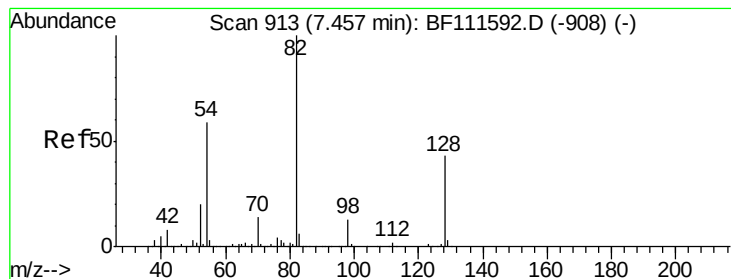
Tot Ion:136	Resp: 672147
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 9.0	7.7 11.5
68 5.2	4.9 7.3



#22
Acetophenone
Concen: 41.360 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ion:105	Resp:	704286
Ion	Ratio	Lower	Upper
105	100		
71	5.7	3.1	4.7#
51	39.5	36.6	54.8
120	22.4	18.2	27.4





#23

Nitrobenzene-d5

Concen: 92.469 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

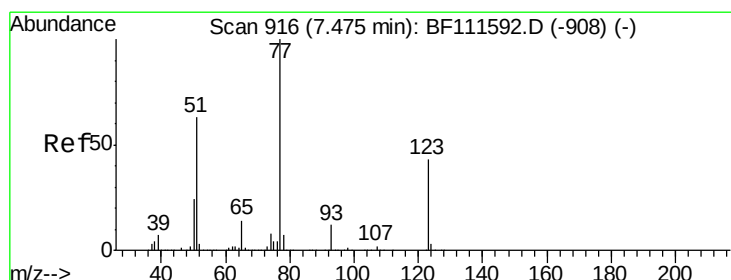
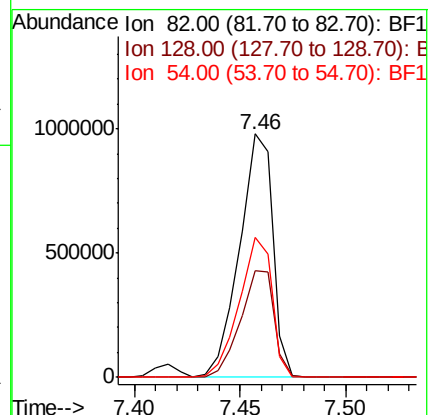
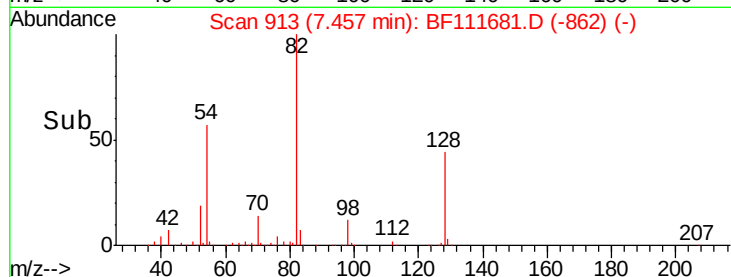
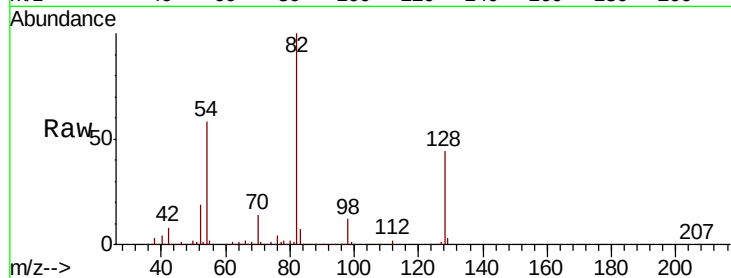
Tot Ion: 82 Resp: 1067774

Ion Ratio Lower Upper

82 100

128 43.8 37.4 56.2

54 57.5 47.6 71.4



#24

Nitrobenzene

Concen: 44.842 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

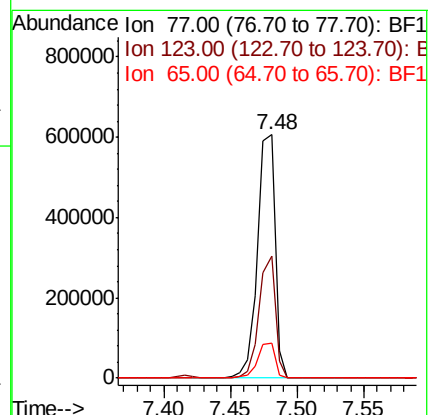
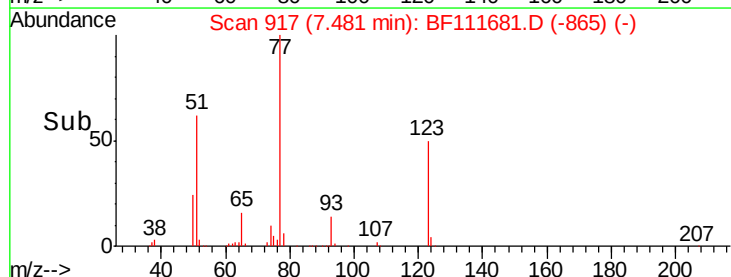
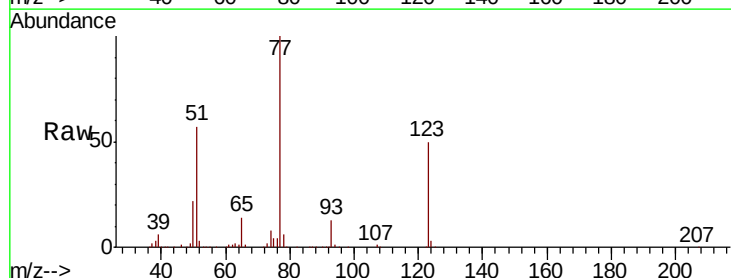
Tgt Ion: 77 Resp: 542712

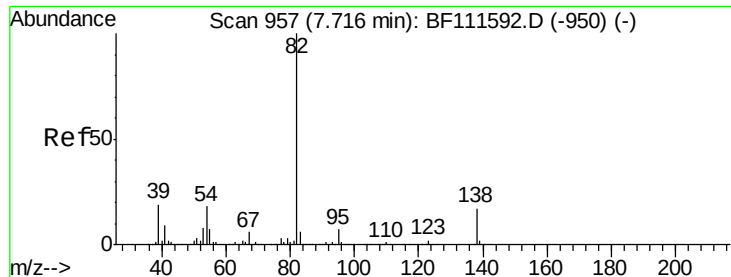
Ion Ratio Lower Upper

77 100

123 50.1 37.2 55.8

65 14.3 11.5 17.3





#25

Isophorone

Concen: 40.936 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampled :

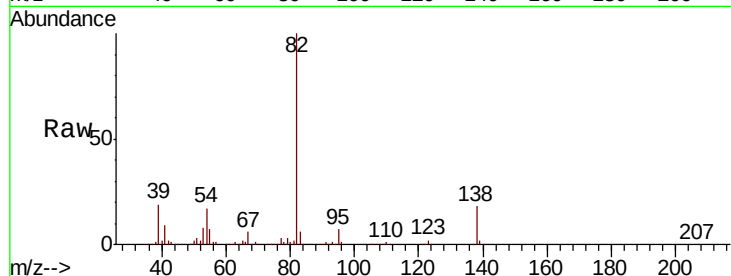
Tot Ion: 82 Resp: 839191

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

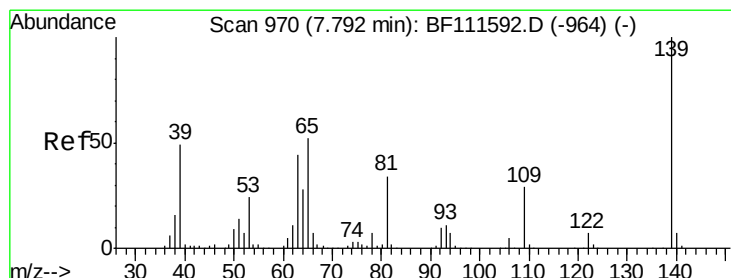
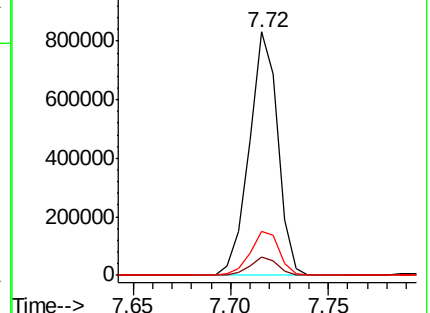
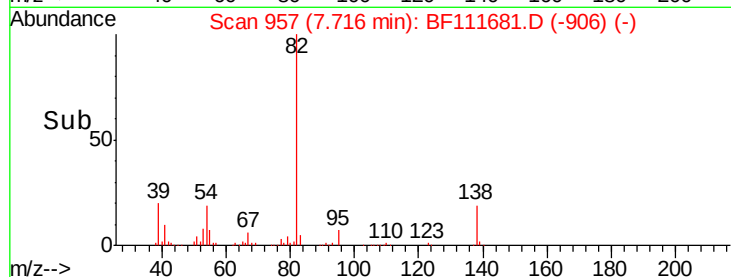
138 17.9 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.828 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

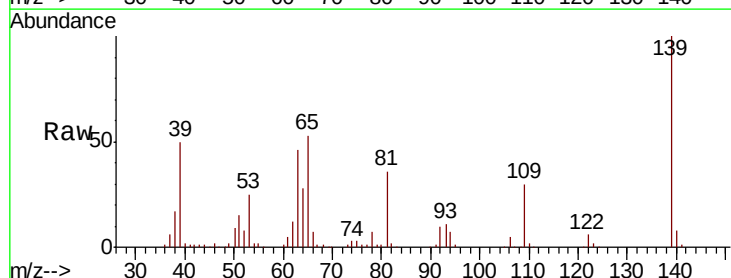
Tgt Ion: 139 Resp: 264212

Ion Ratio Lower Upper

139 100

109 29.5 20.2 30.4

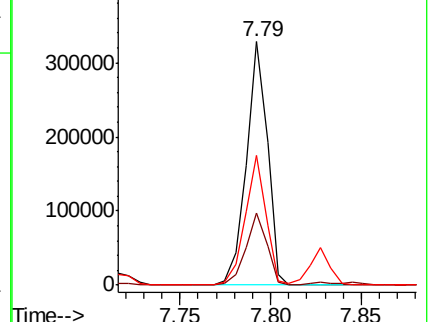
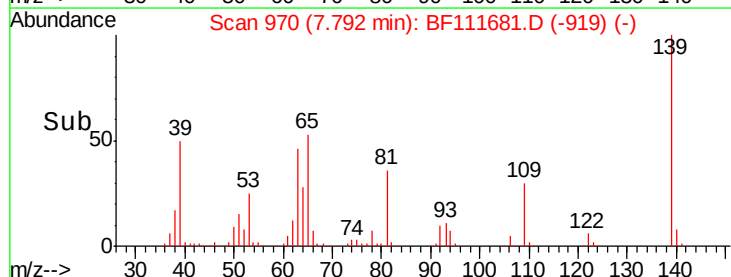
65 53.3 40.7 61.1

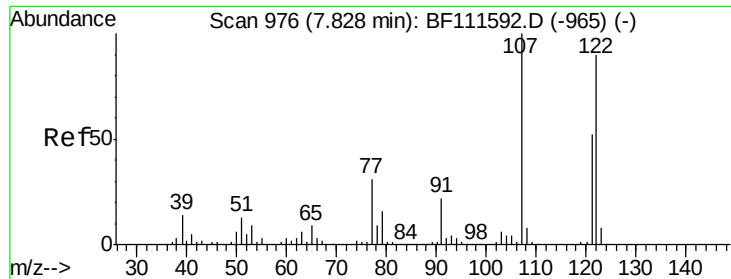


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

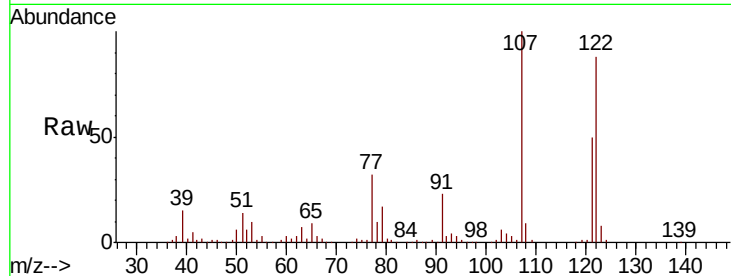




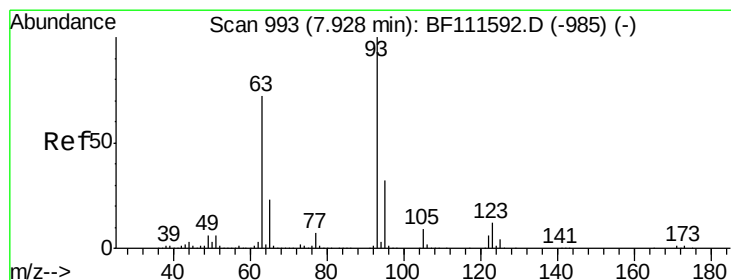
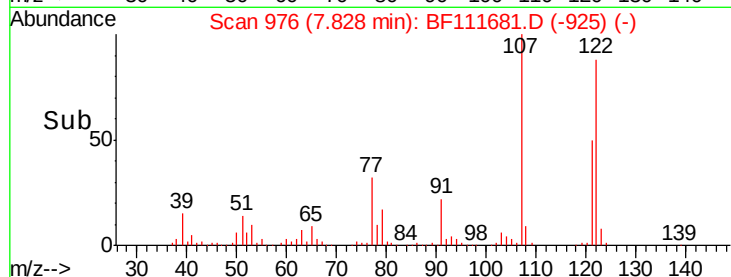
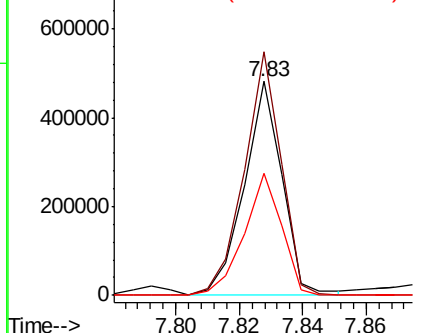
#27
 2,4-Dimethylphenol
 Concen: 41.472 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 401280
 Ion Ratio Lower Upper
 122 100
 107 113.8 85.5 128.3
 121 57.2 46.6 70.0

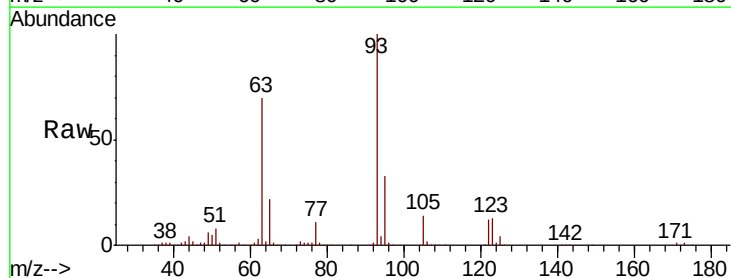


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

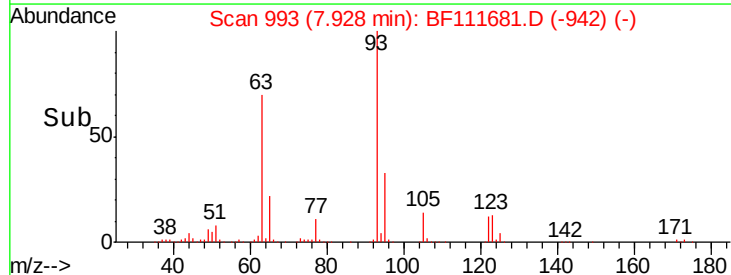
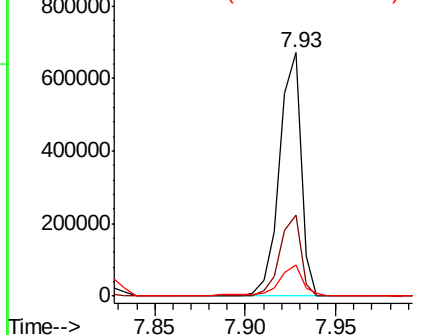


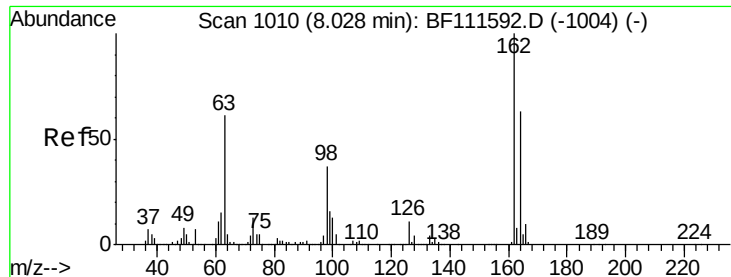
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.799 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion: 93 Resp: 556569
 Ion Ratio Lower Upper
 93 100
 95 33.4 27.1 40.7
 123 13.0 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

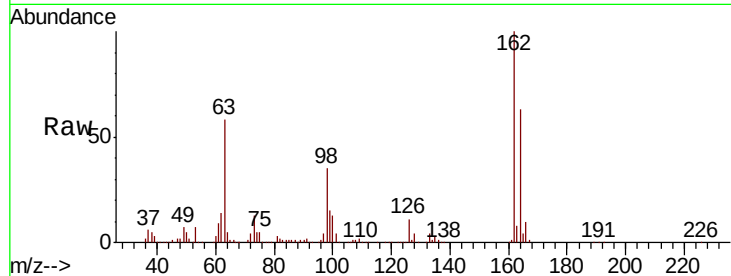




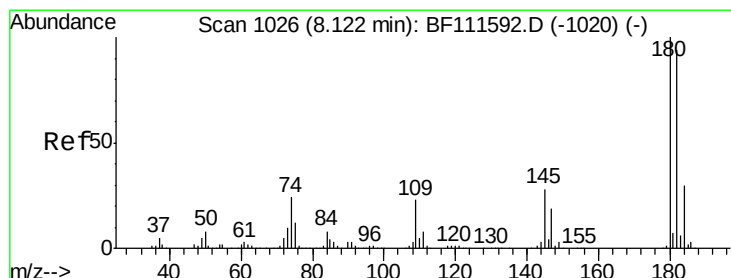
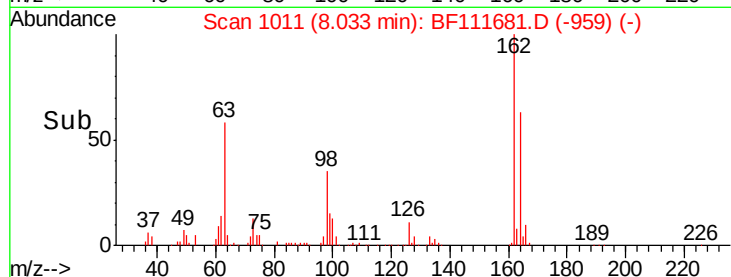
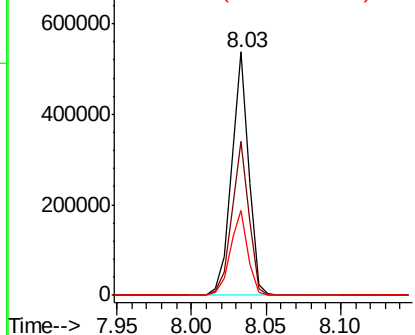
#29
2,4-Dichlorophenol
Concen: 42.332 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	34.6	20.3	60.3

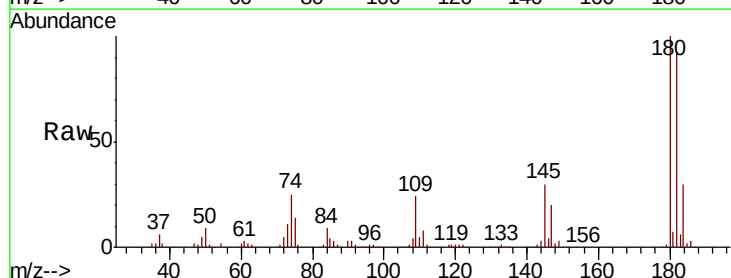


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

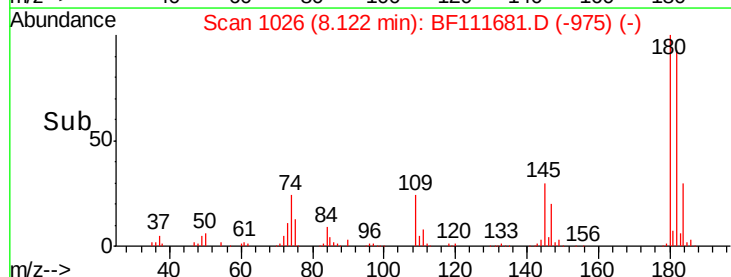
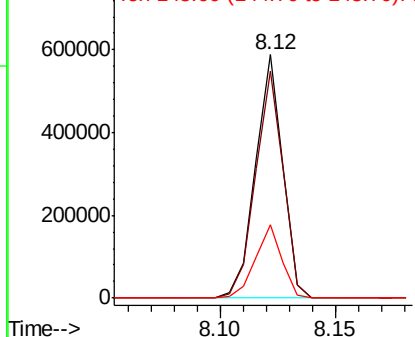


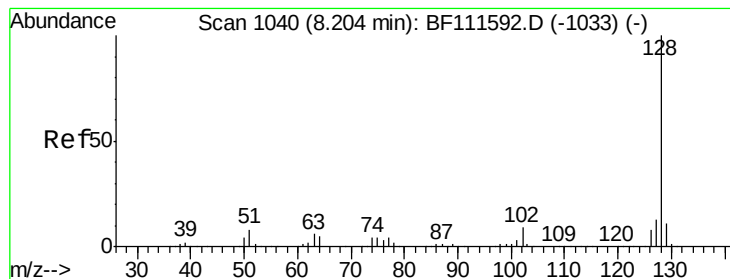
#30
1,2,4-Trichlorobenzene
Concen: 41.671 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.6	113.4
145	30.3	26.7	40.1



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





#31

Naphthalene

Concen: 41.908 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

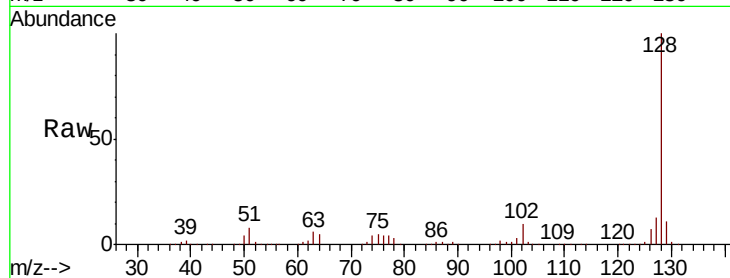
Tot Ion:128 Resp: 1353457

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.8

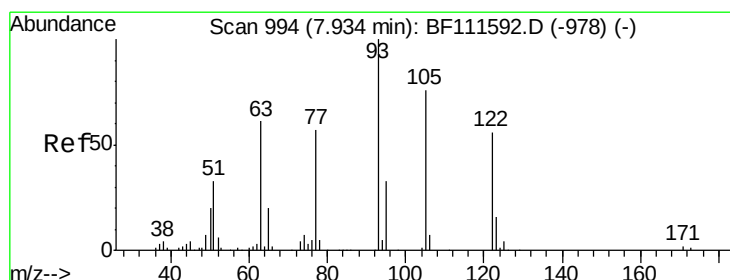
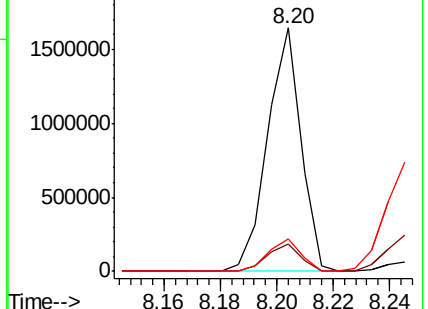
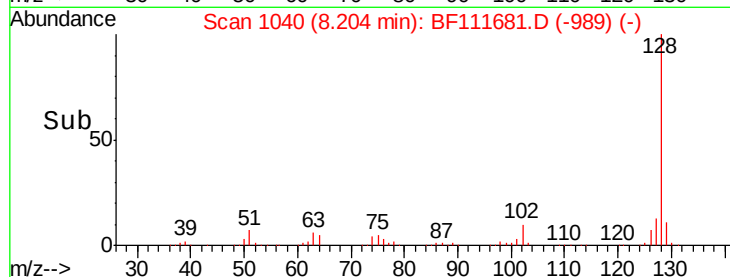
127 13.4 12.0 18.0



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: 39.724 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

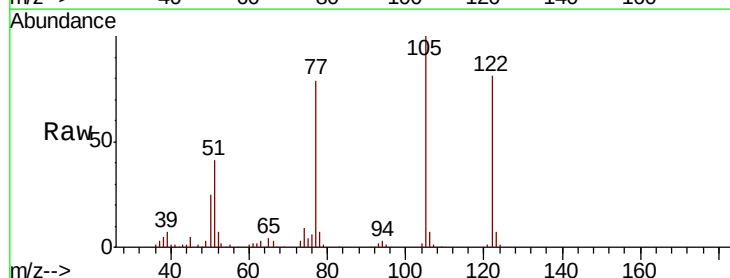
Tgt Ion:122 Resp: 254138

Ion Ratio Lower Upper

122 100

105 123.4 97.0 137.0

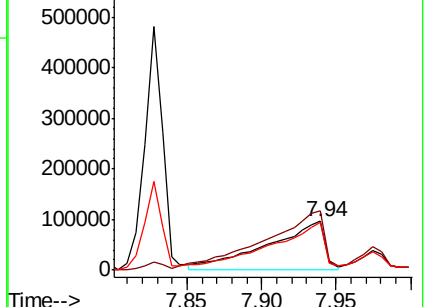
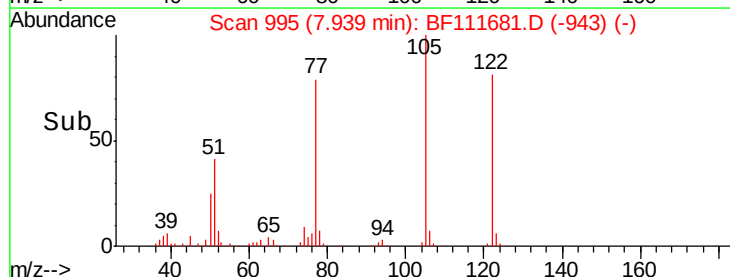
77 97.6 65.7 105.7

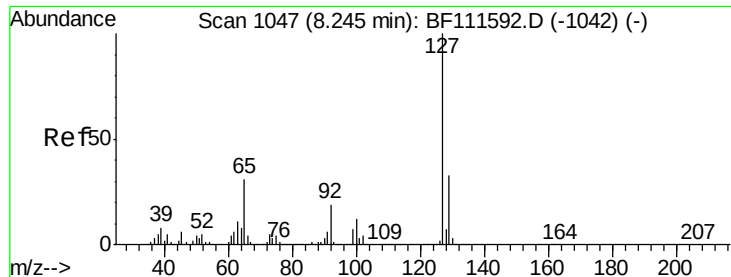


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

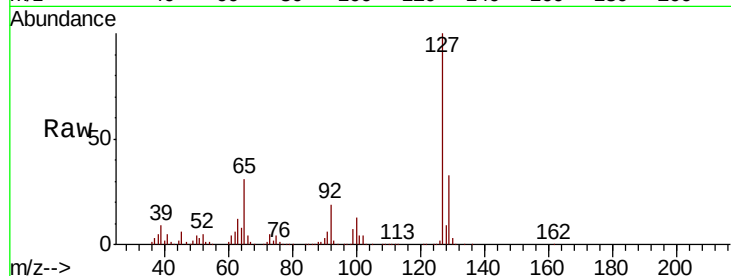




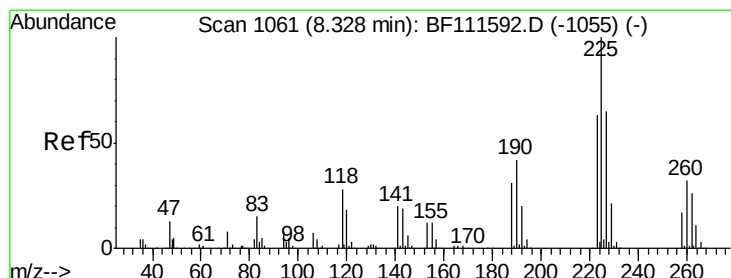
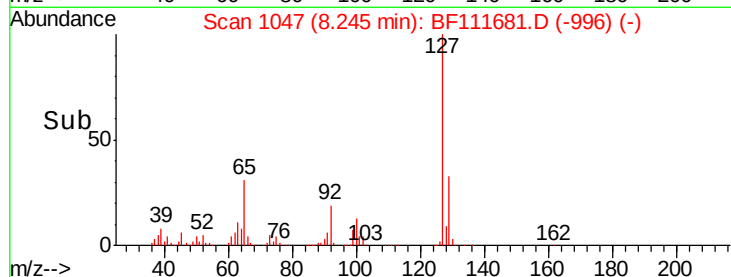
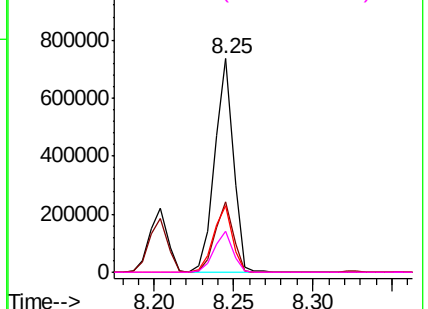
#33
4-Chloroaniline
Concen: 43.138 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	602154
Ion Ratio	Lower	Upper
127	100	
129	33.1	26.6 39.8
65	30.9	25.7 38.5
92	18.9	15.4 23.2

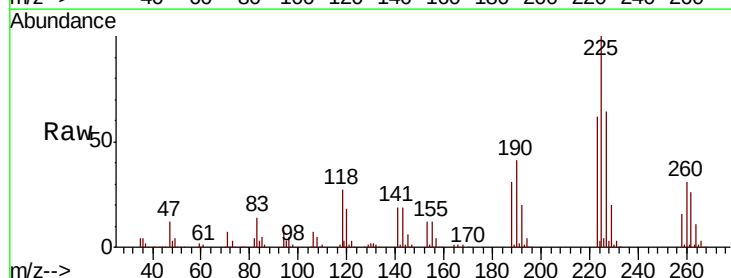


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

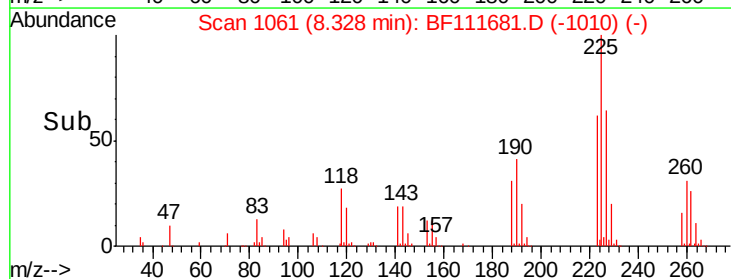
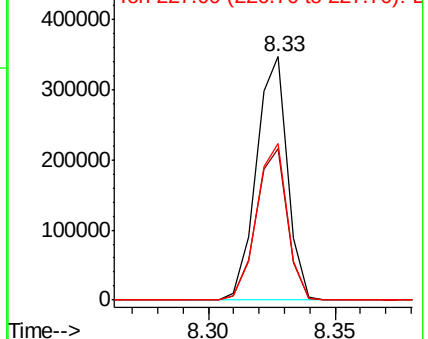


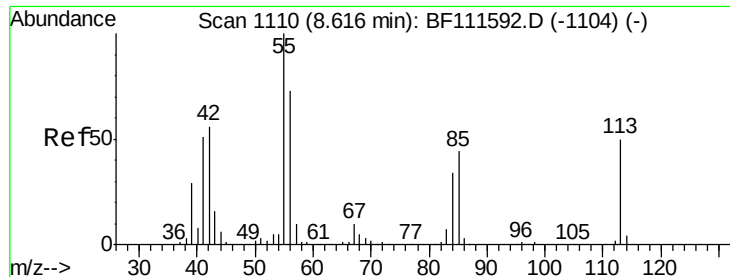
#34
Hexachlorobutadiene
Concen: 41.829 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion:225	Resp:	295655
Ion Ratio	Lower	Upper
225	100	
223	62.1	50.7 76.1
227	64.2	52.6 78.8



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

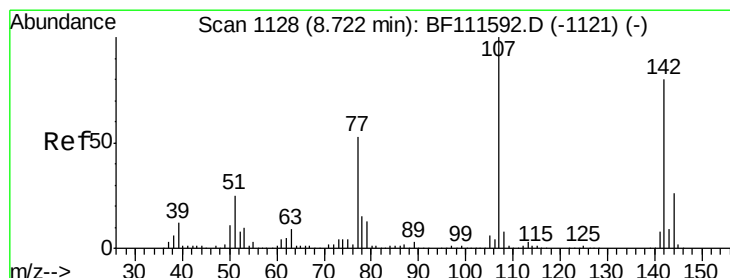
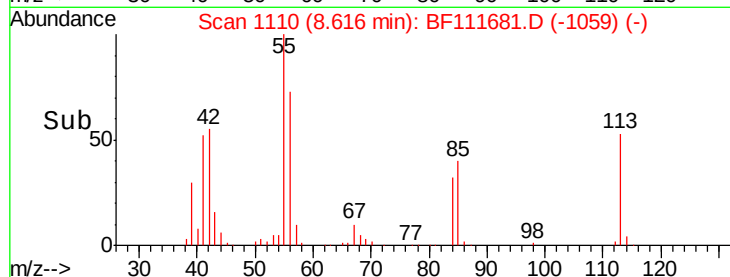
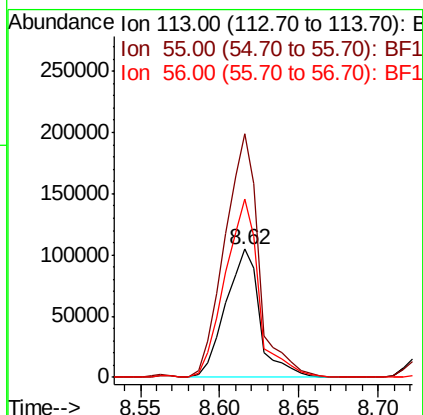
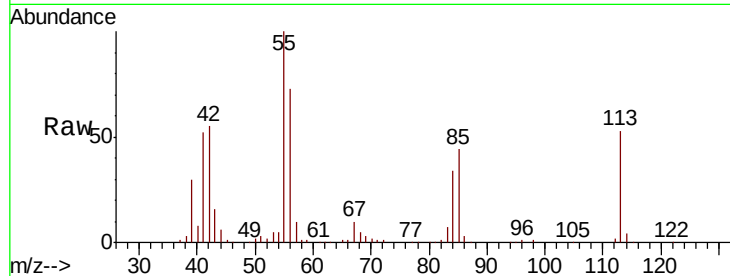




#35
 Caprolactam
 Concen: 44.400 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

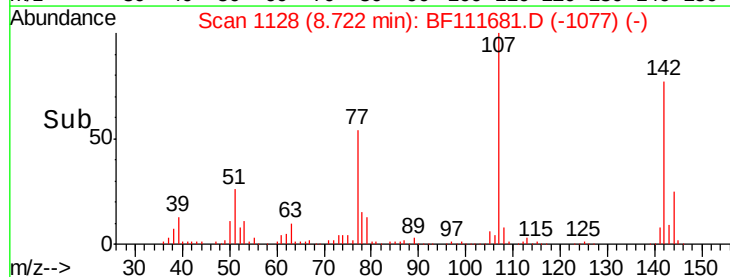
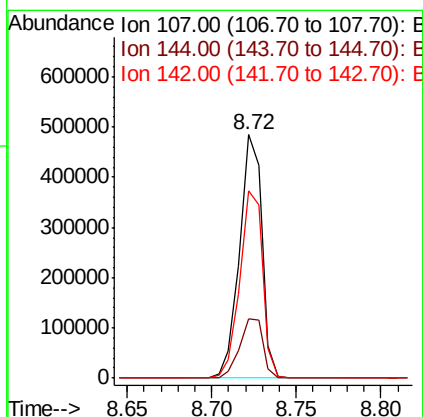
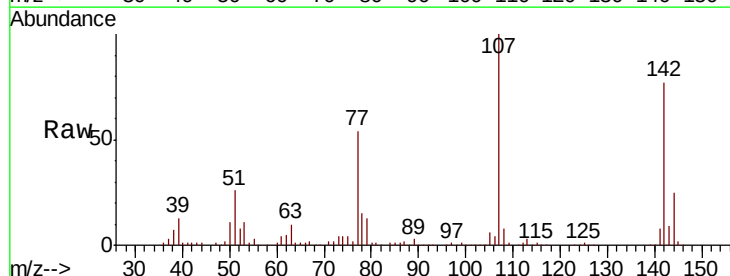
Instrument :
 BNA_F
 ClientSampleId :

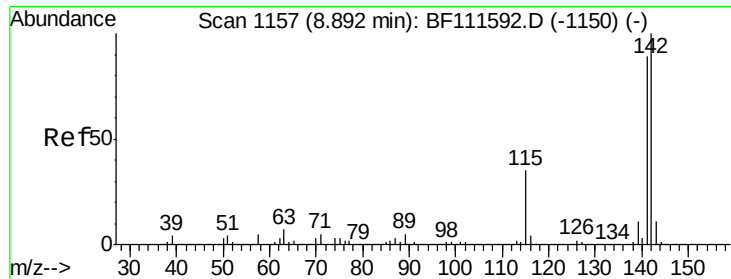
Tot Ion:113 Resp: 156580
 Ion Ratio Lower Upper
 113 100
 55 189.7 184.1 224.1
 56 138.5 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 43.697 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion:107 Resp: 447039
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.8 29.6
 142 77.0 62.3 93.5

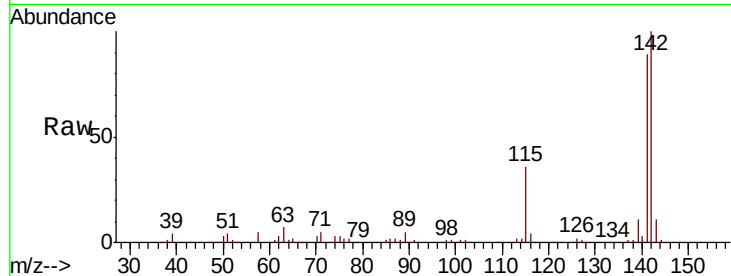




#37
 2-Methylnaphthalene
 Concen: 42.453 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.6	105.8
115	35.8	27.0	40.6

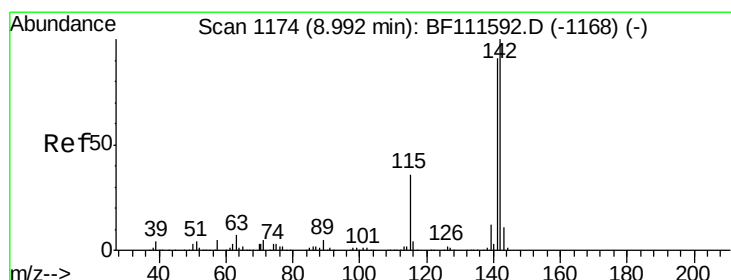
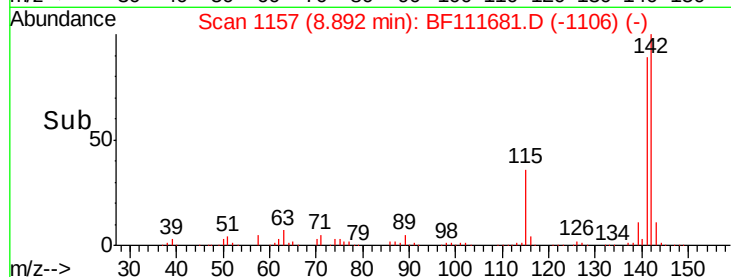
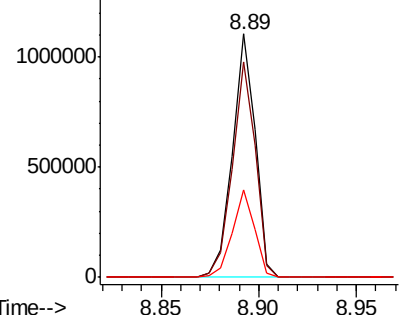


Abundance

Ion 142.00 (141.70 to 142.70): E

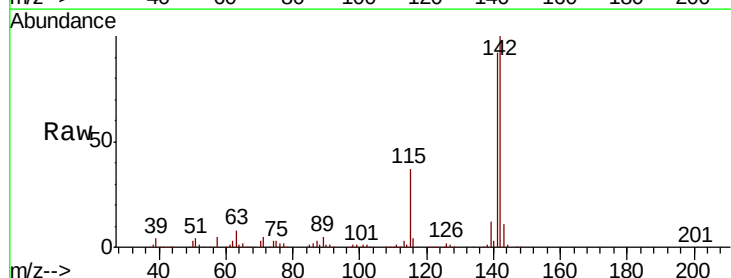
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 42.525 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	3.9	2.9	4.3

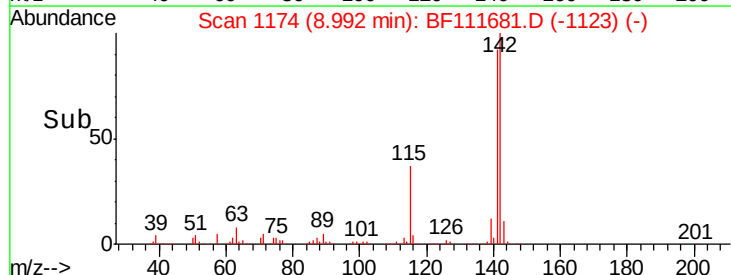
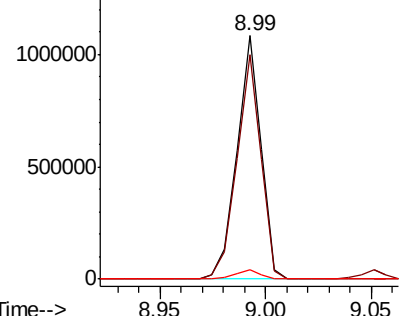


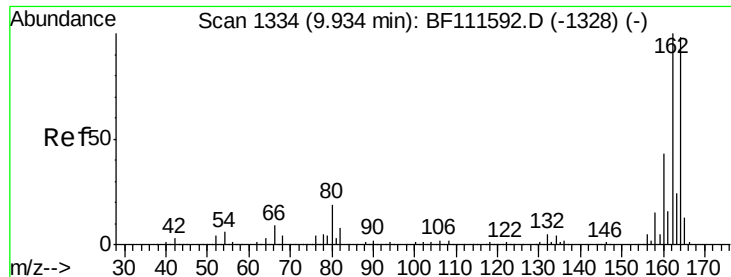
Abundance

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

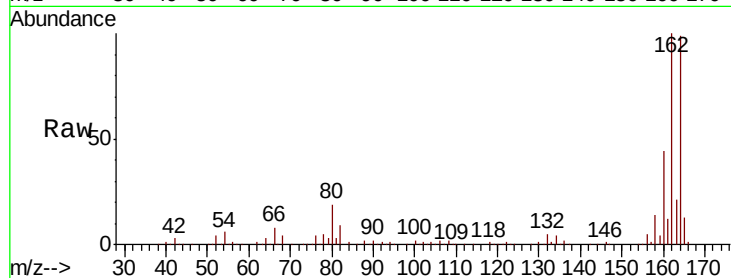




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	44.8	35.7	53.5

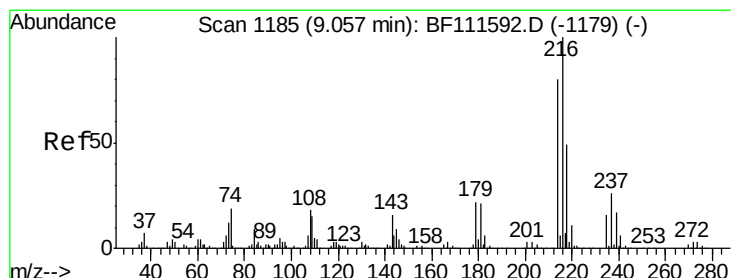
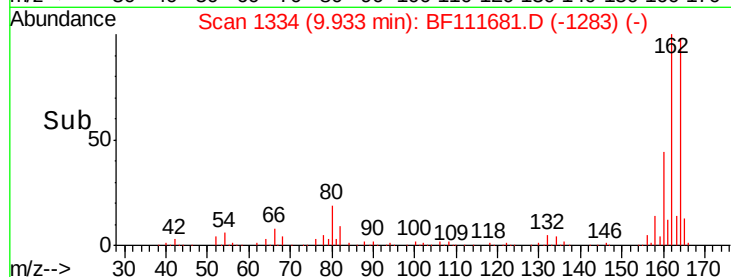
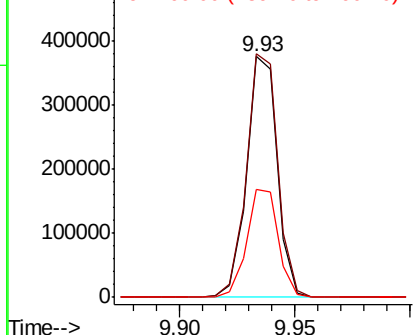


Abundance

Ion 164.00 (163.70 to 164.70): E

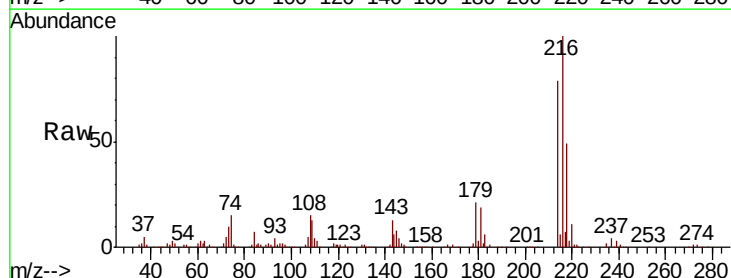
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.834 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.8
179	21.0	17.9	26.9
108	18.2	18.4	27.6#



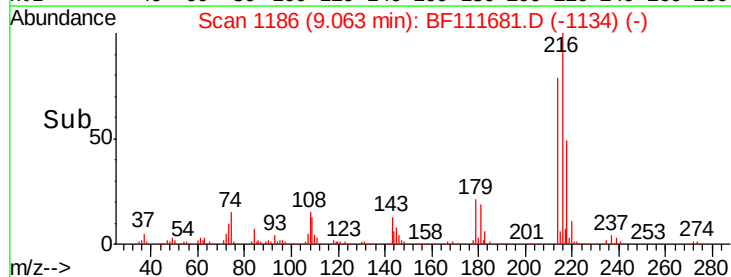
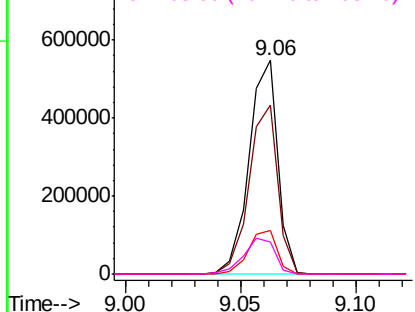
Abundance

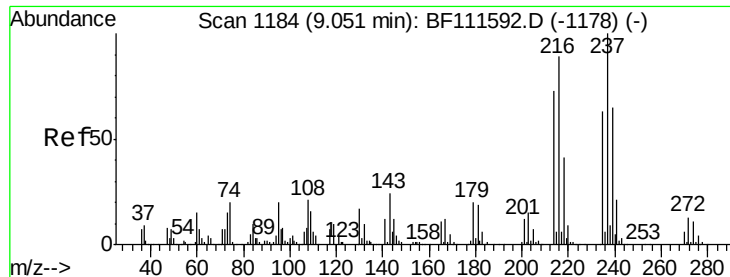
Ion 216.00 (215.70 to 216.70): E

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: 46.933 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampled :

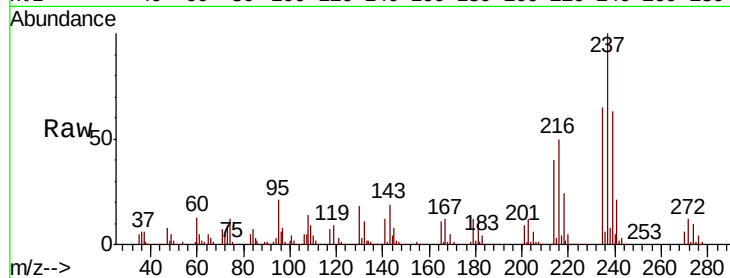
Tot Ion:237 Resp: 259680

Ion Ratio Lower Upper

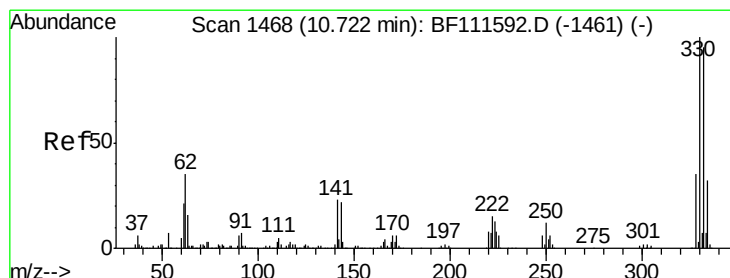
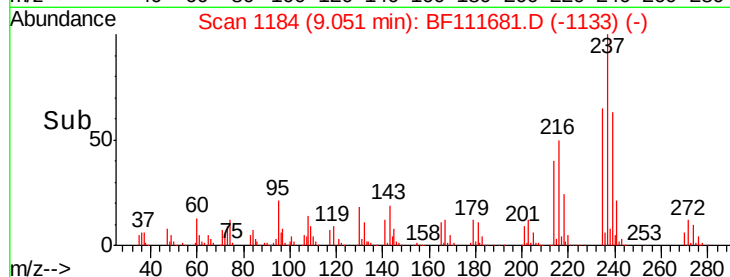
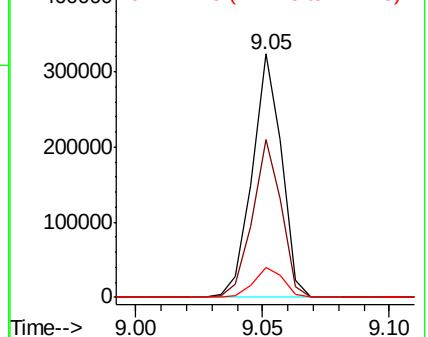
237 100

235 64.8 43.1 83.1

272 12.4 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 92.175 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

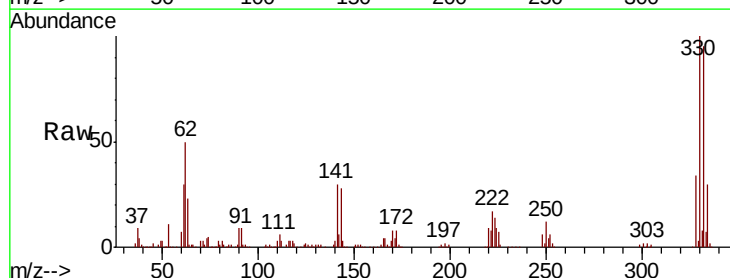
Tgt Ion:330 Resp: 377909

Ion Ratio Lower Upper

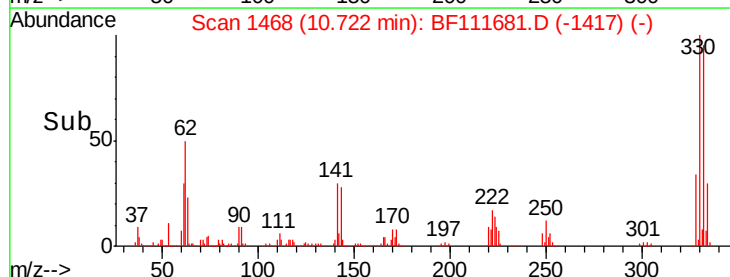
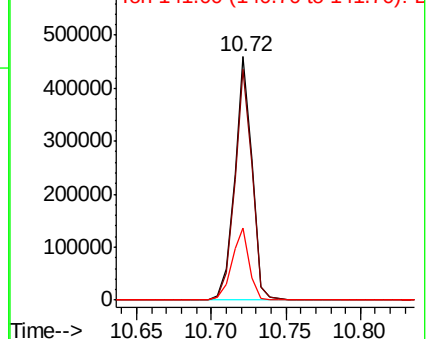
330 100

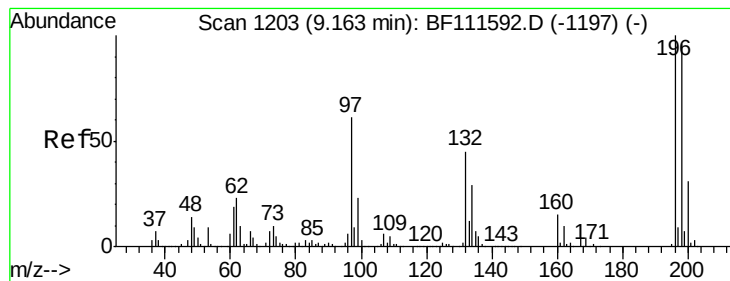
332 95.3 76.0 114.0

141 29.6 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: 42.771 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampled :

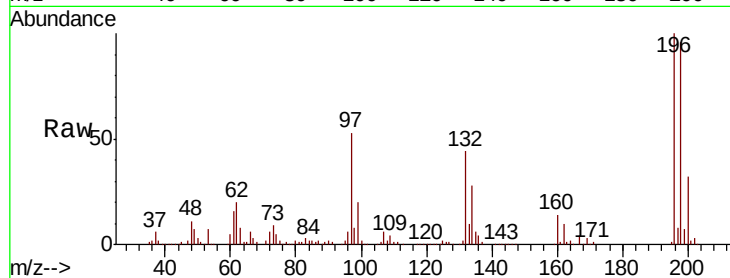
Tot Ion:196 Resp: 325594

Ion Ratio Lower Upper

196 100

198 96.2 76.3 114.5

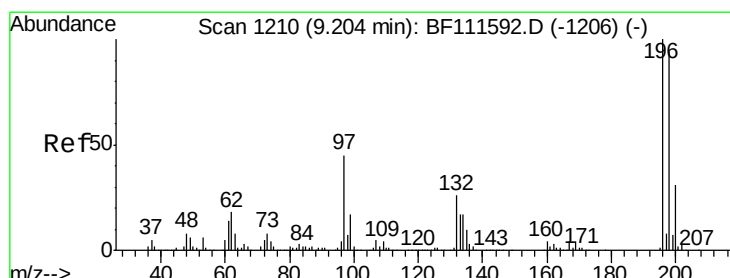
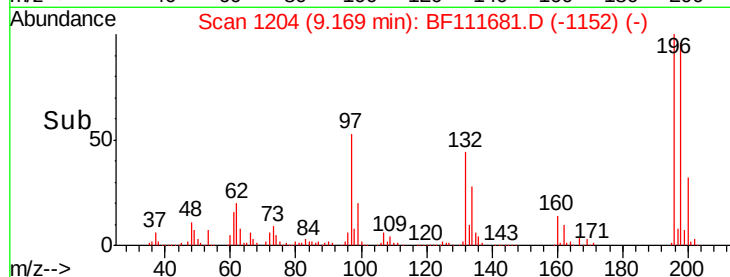
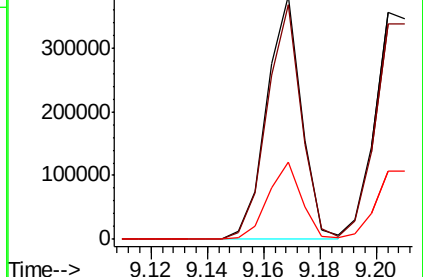
200 31.8 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 43.594 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Tgt Ion:196 Resp: 340457

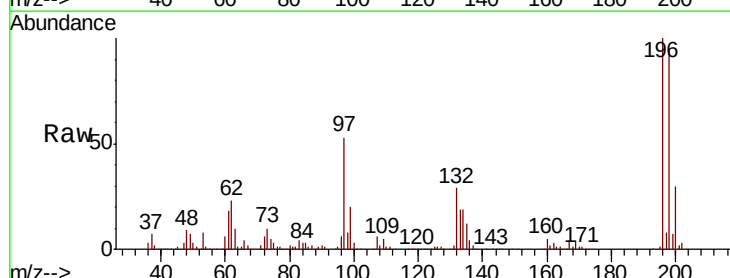
Ion Ratio Lower Upper

196 100

198 95.2 72.9 109.3

97 53.3 45.3 67.9

132 29.1 25.5 38.3

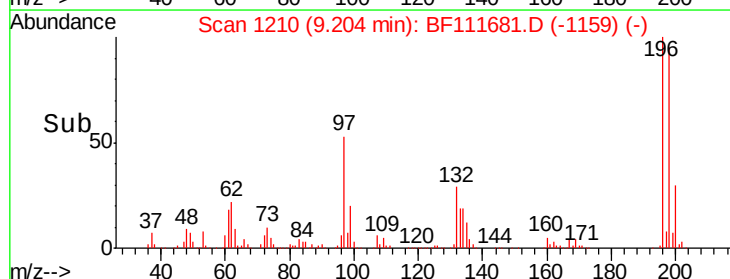
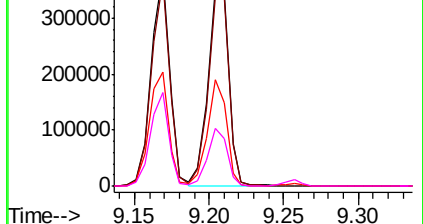


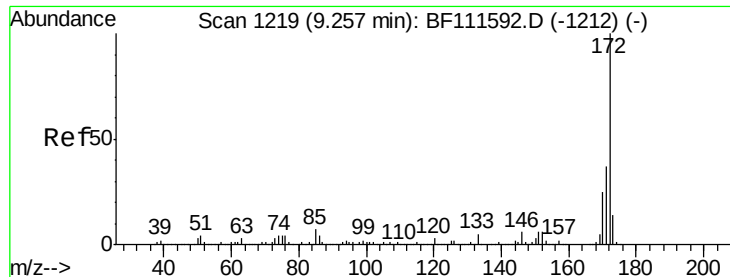
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

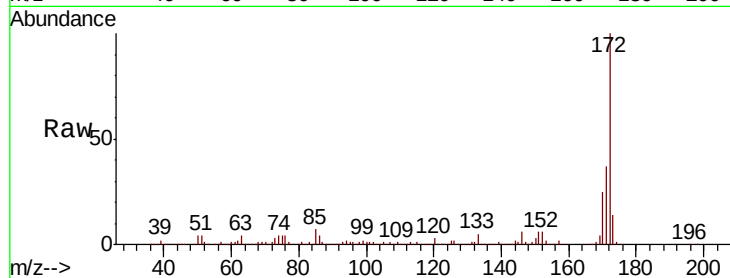




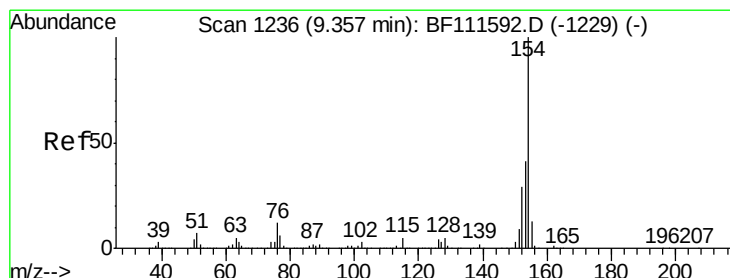
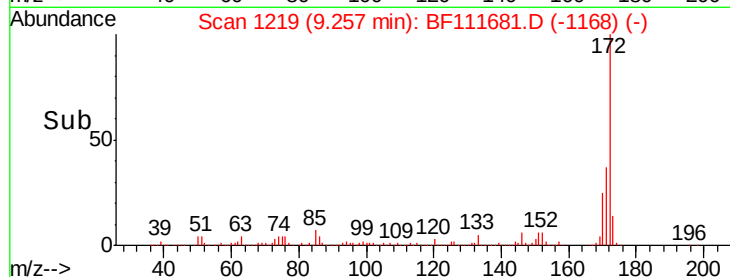
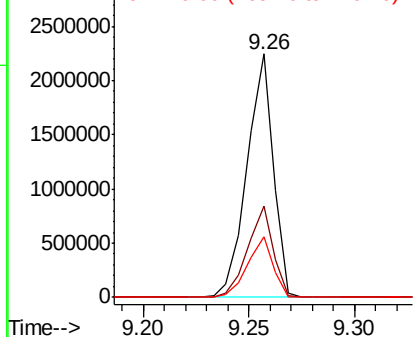
#45
2-Fluorobiphenyl
Concen: 81.724 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1945500
Ion Ratio Lower Upper
172 100
171 37.3 33.0 49.4
170 24.9 22.3 33.5

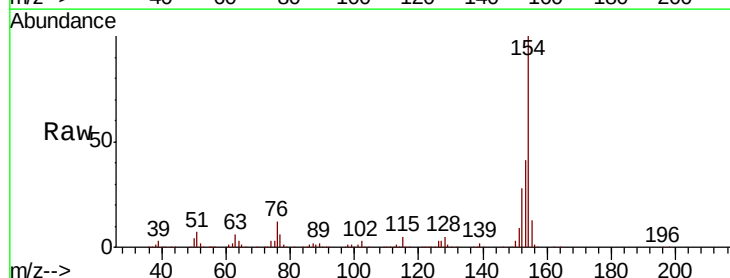


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

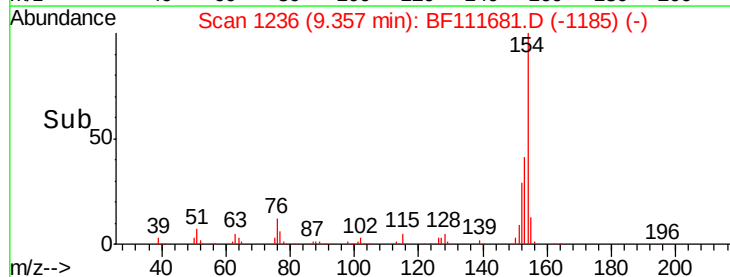
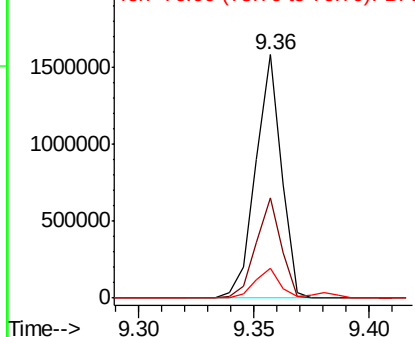


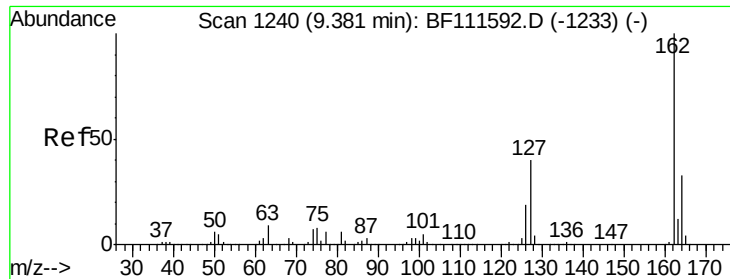
#46
1,1'-Biphenyl
Concen: 42.072 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion:154 Resp: 1232339
Ion Ratio Lower Upper
154 100
153 41.3 23.7 63.7
76 12.2 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

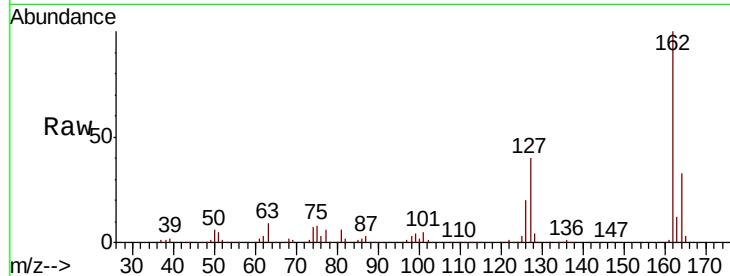




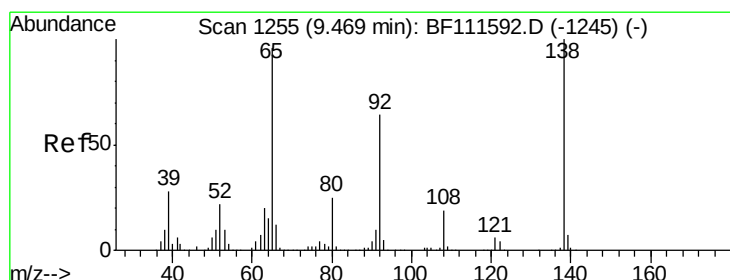
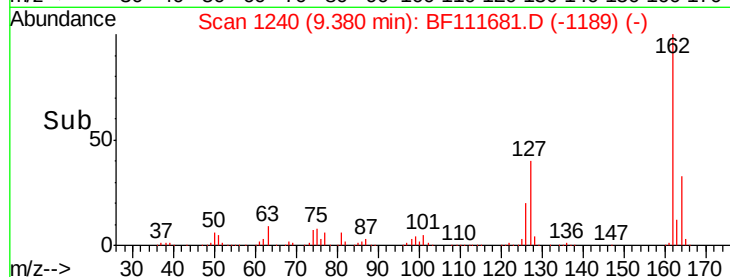
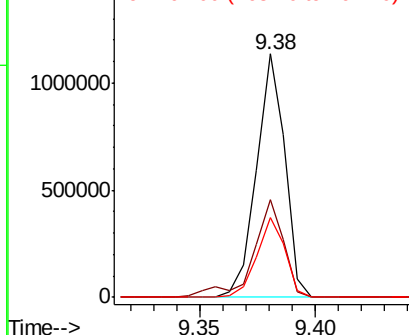
#47
2-Chloronaphthalene
Concen: 41.958 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	35.0	52.4
164	32.8	28.4	42.6

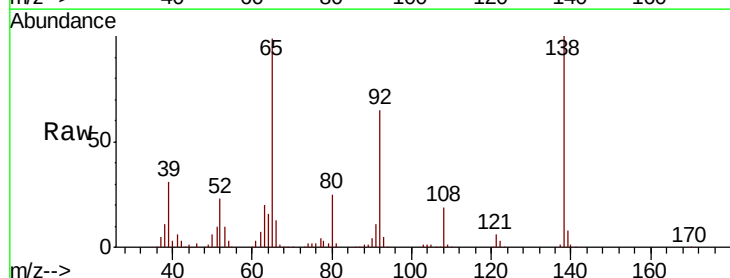


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

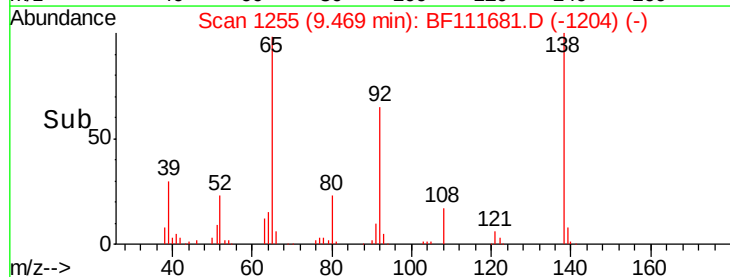
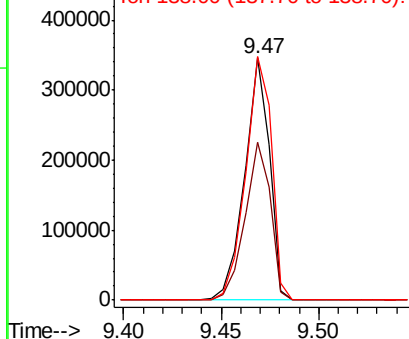


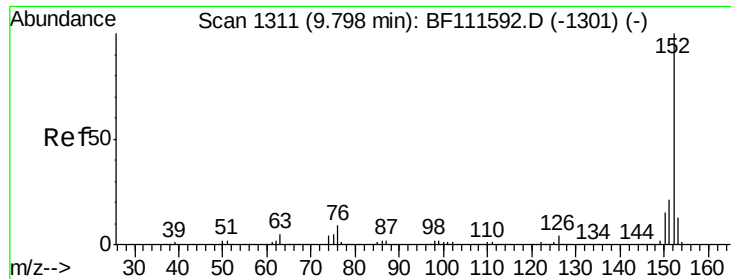
#48
2-Nitroaniline
Concen: 50.416 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	53.5	80.3
138	100.6	80.9	121.3



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





#49

Acenaphthylene

Concen: 42.707 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

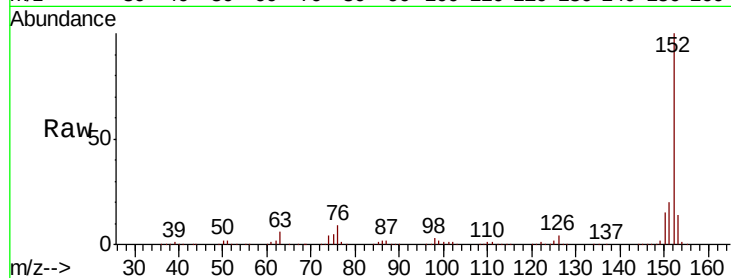
Tot Ion:152 Resp: 1447064

Ion Ratio Lower Upper

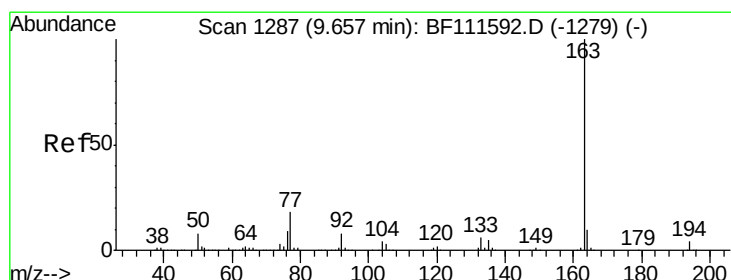
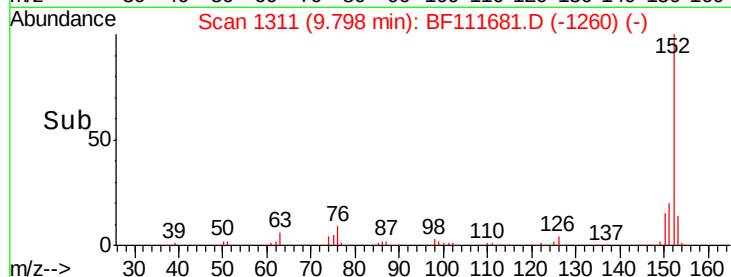
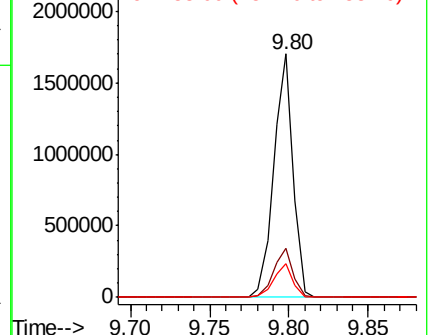
152 100

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: 42.207 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

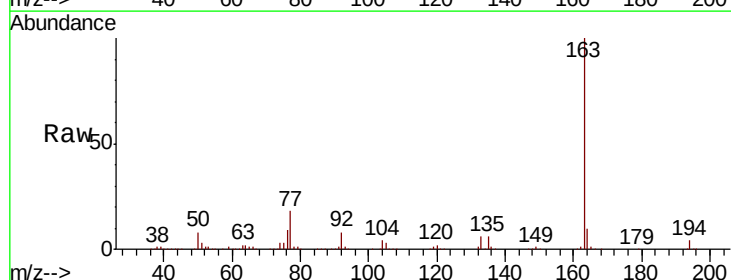
Tgt Ion:163 Resp: 1070963

Ion Ratio Lower Upper

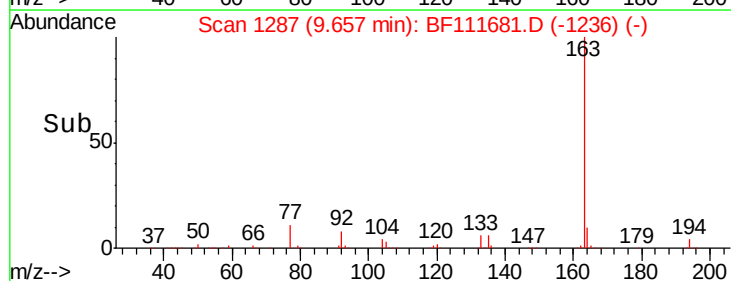
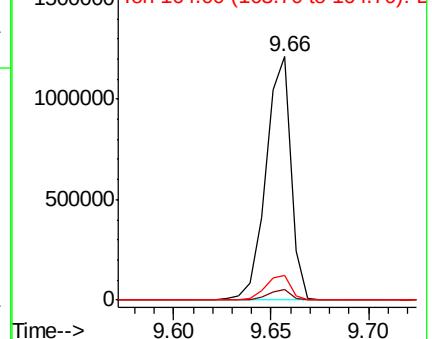
163 100

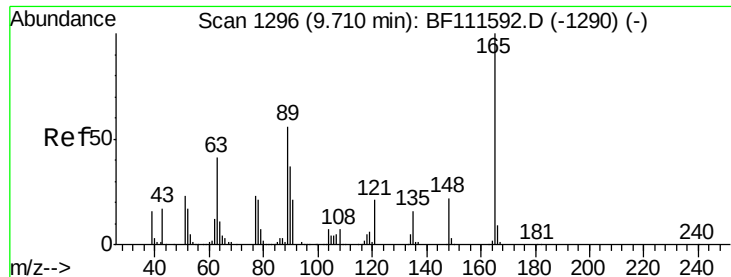
194 4.1 3.0 4.6

164 10.2 8.9 13.3



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

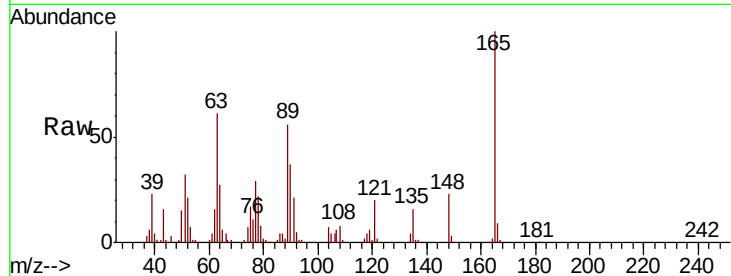




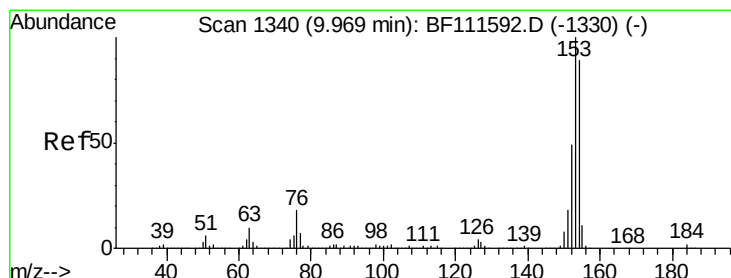
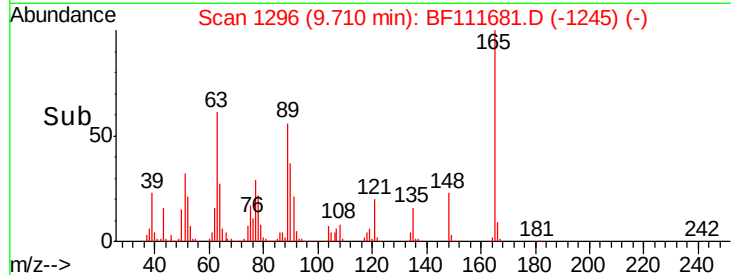
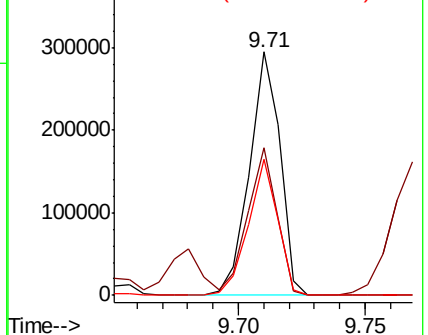
#51
 2,6-Dinitrotoluene
 Concen: 49.095 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 248400
 Ion Ratio Lower Upper
 165 100
 63 60.6 40.5 60.7
 89 56.1 40.0 60.0

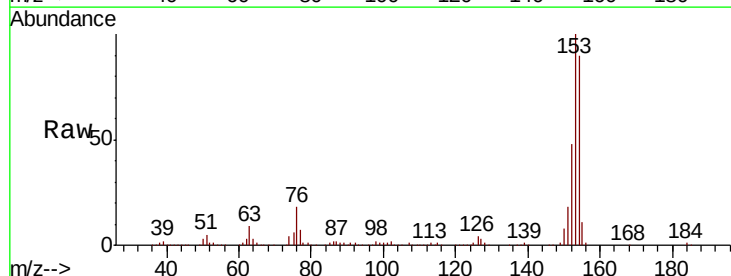


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

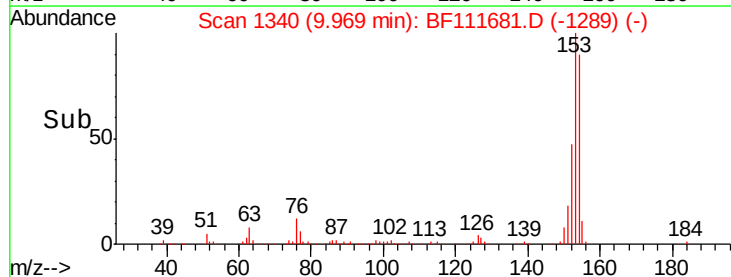
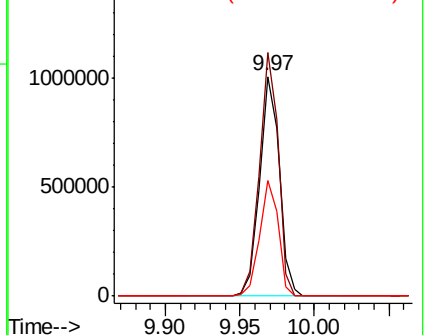


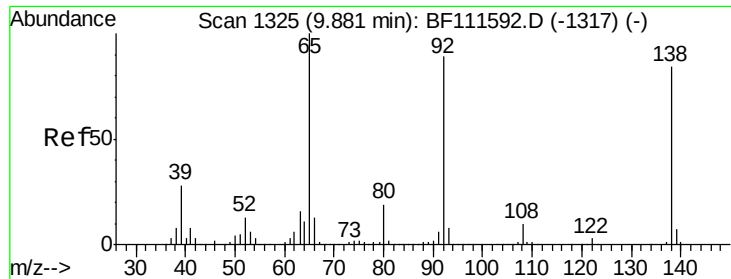
#52
 Acenaphthene
 Concen: 43.581 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion:154 Resp: 910766
 Ion Ratio Lower Upper
 154 100
 153 111.0 87.8 131.8
 152 52.8 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

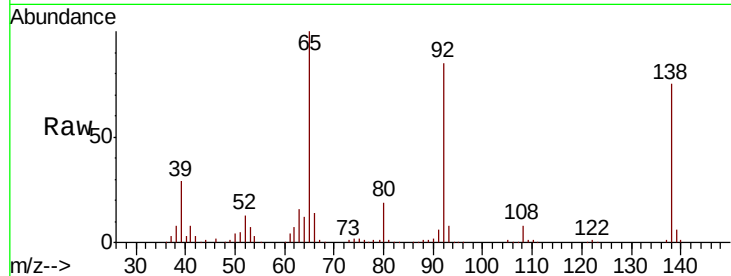




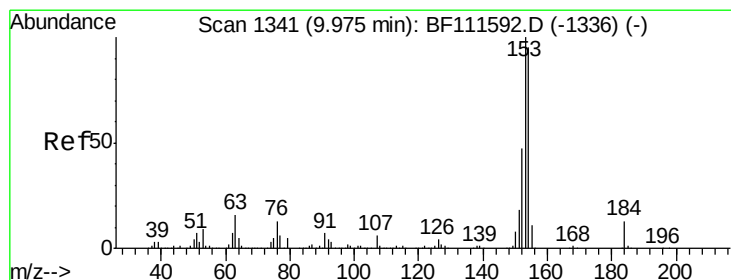
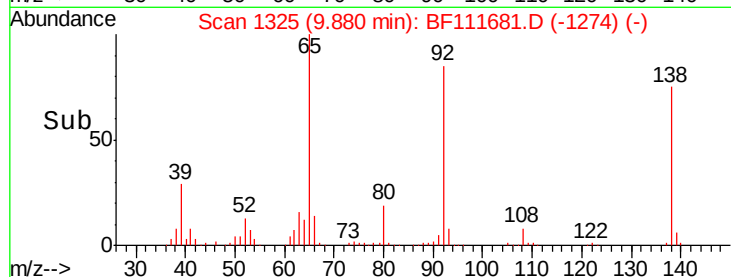
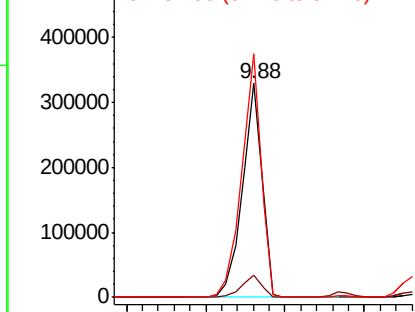
#53
3-Nitroaniline
Concen: 51.861 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 279841
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.4
92 113.8 93.4 140.2

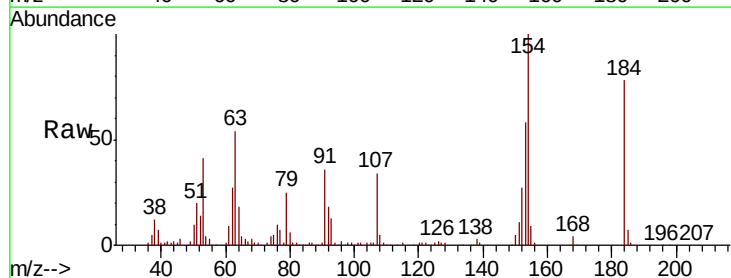


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

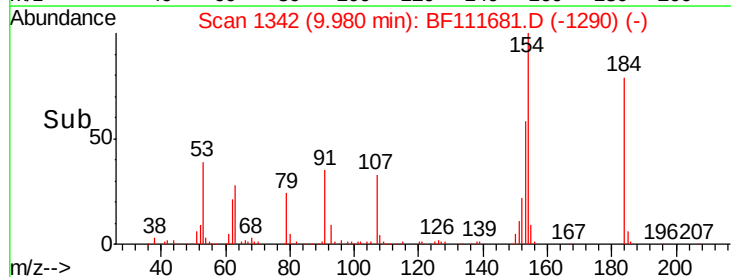
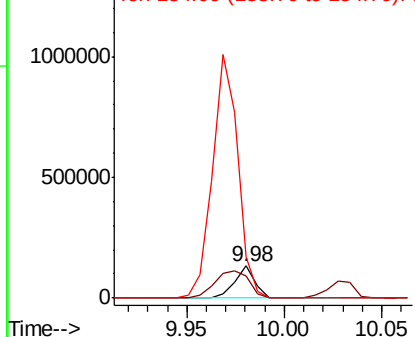


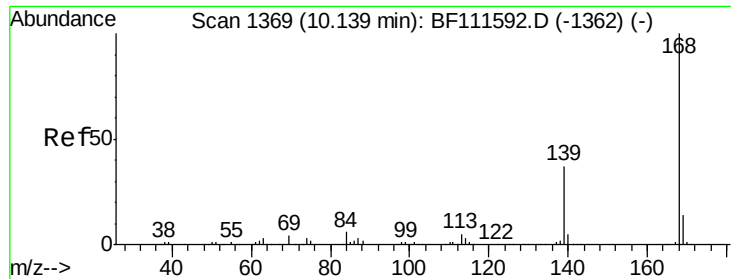
#54
2,4-Dinitrophenol
Concen: 61.795 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion:184 Resp: 97367
Ion Ratio Lower Upper
184 100
63 69.0 62.3 93.5
154 127.5 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: 42.549 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

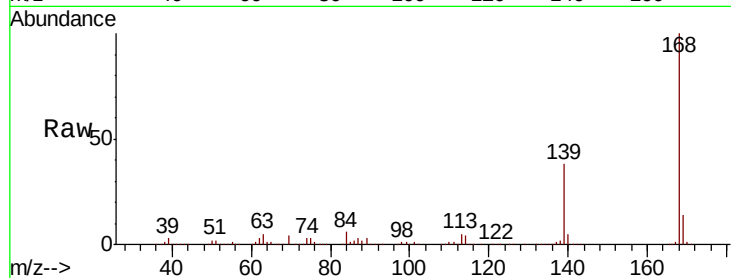
Tot Ion:168 Resp: 1343398

Ion Ratio Lower Upper

168 100

139 37.9 32.6 49.0

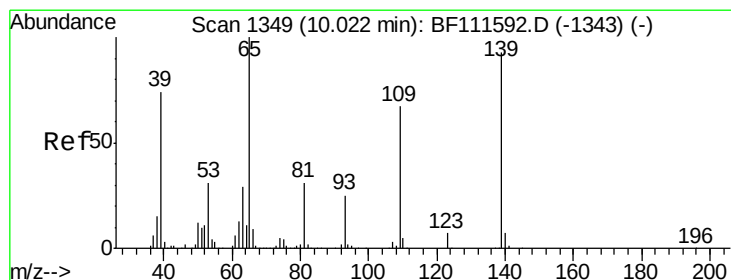
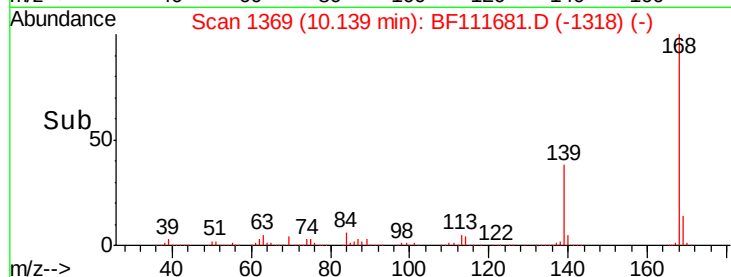
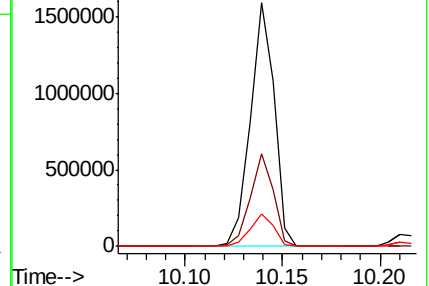
169 13.5 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 52.815 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

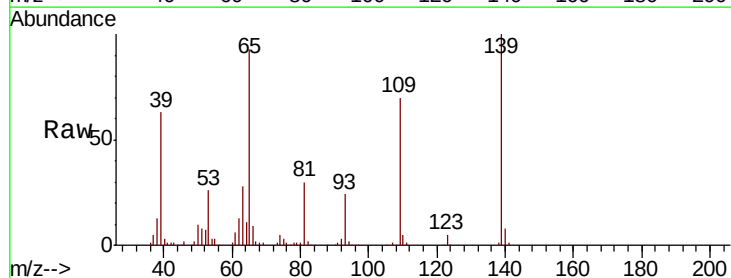
Tgt Ion:139 Resp: 217490

Ion Ratio Lower Upper

139 100

109 70.1 41.8 81.8

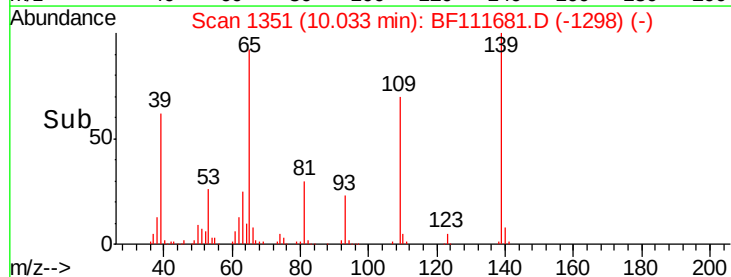
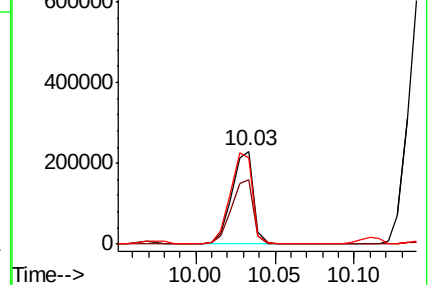
65 92.8 79.6 119.6

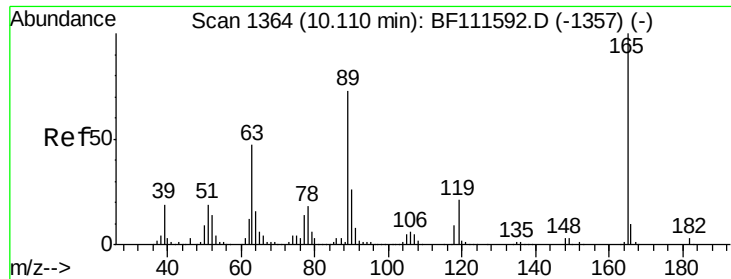


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

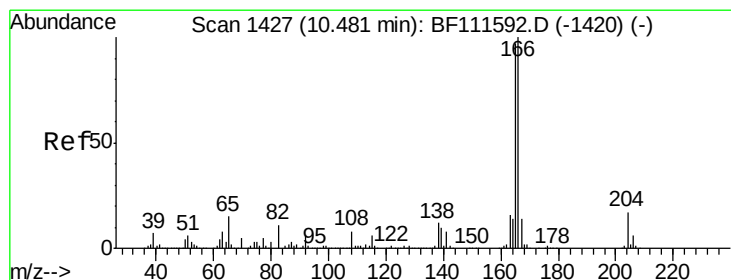
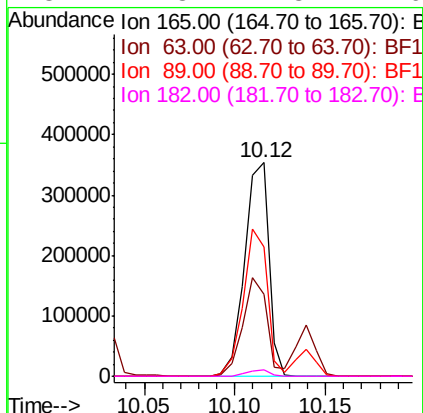
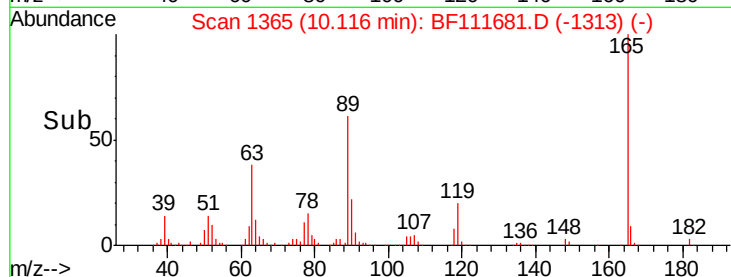
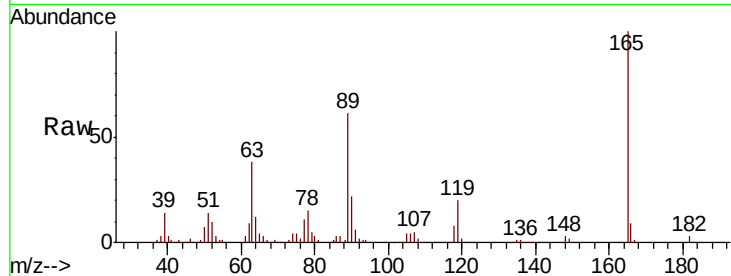




#57
2,4-Dinitrotoluene
Concen: 54.004 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

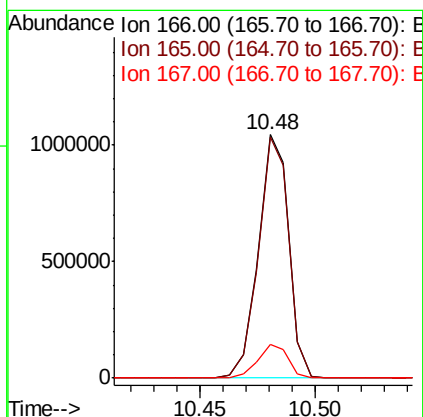
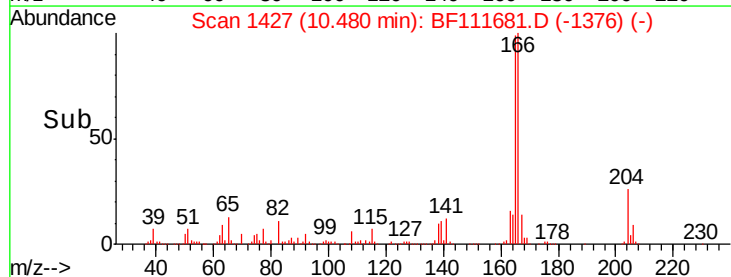
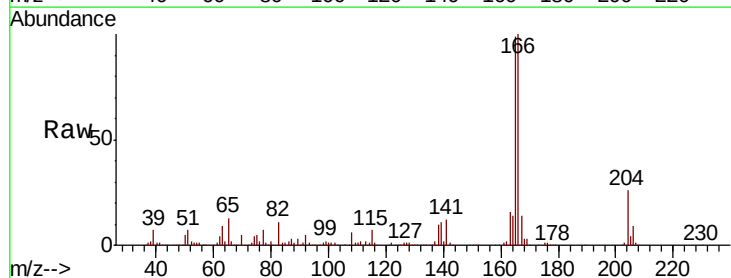
Instrument :
BNA_F
ClientSampled :

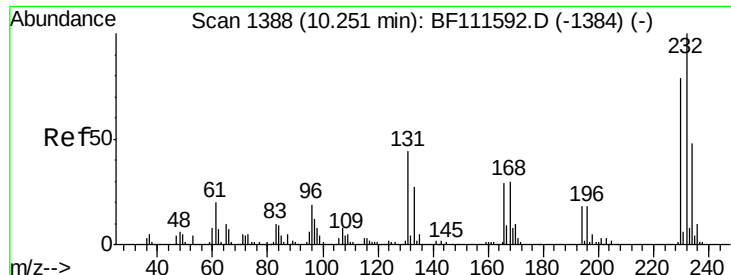
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.4	34.6	52.0
89	60.6	56.2	84.4
182	2.8	1.8	2.6



#58
Fluorene
Concen: 42.071 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.4	117.6
167	14.0	11.2	16.8

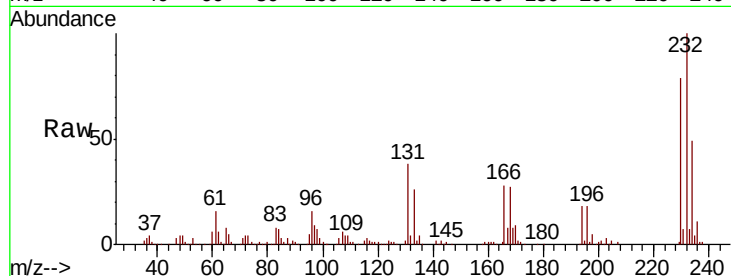




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.495 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	40.9	61.3
130	2.1	2.0	3.0
166	29.7	26.8	40.2



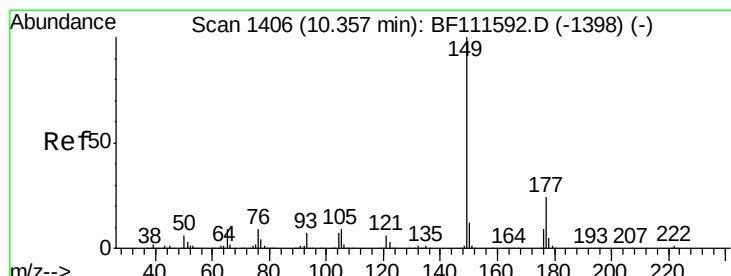
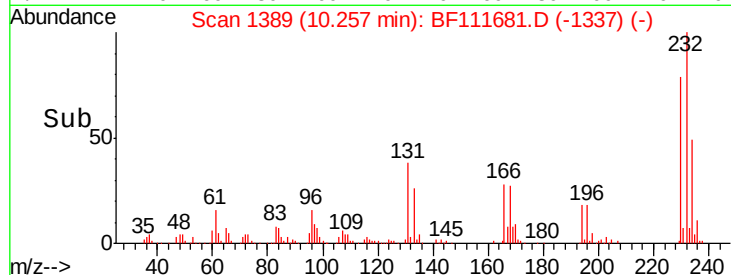
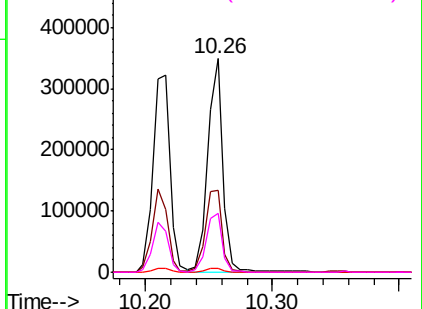
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

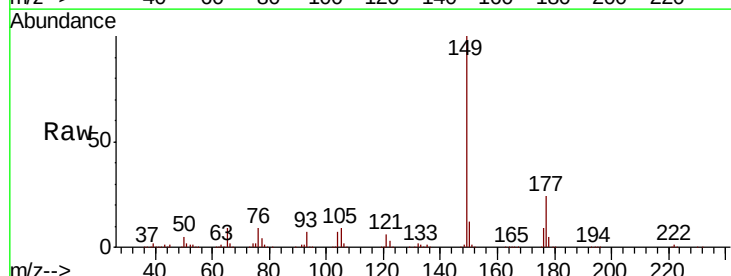
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.002 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.3	27.5
150	12.1	10.6	15.8

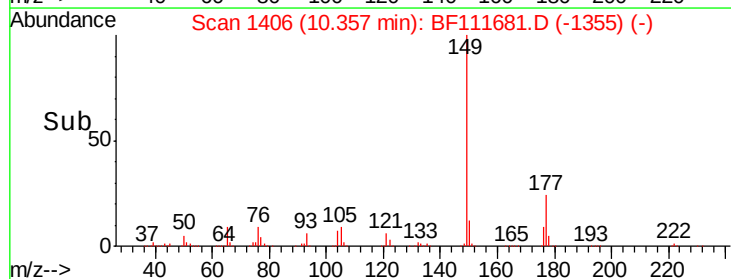
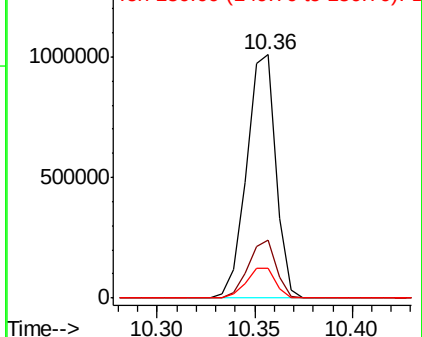


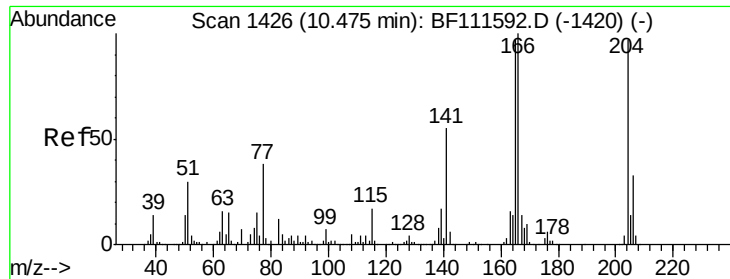
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

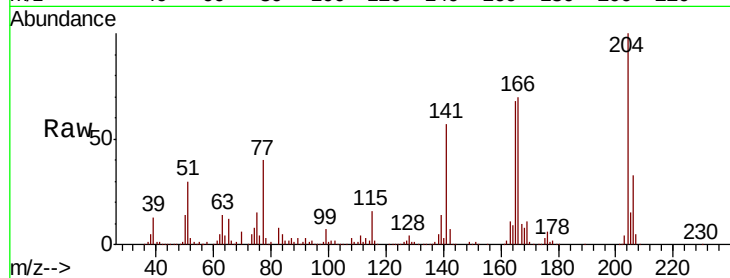




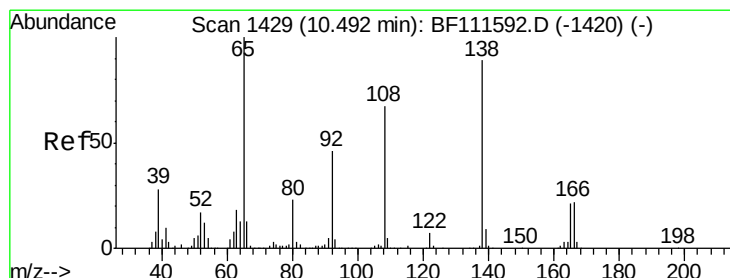
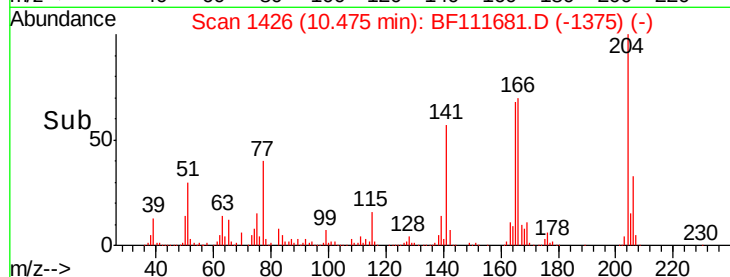
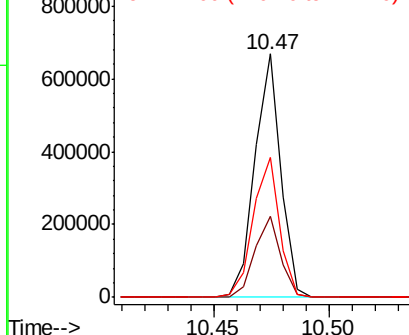
#61
4-Chlorophenyl-phenylether
Concen: 41.763 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 524948
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 57.5 52.6 78.8

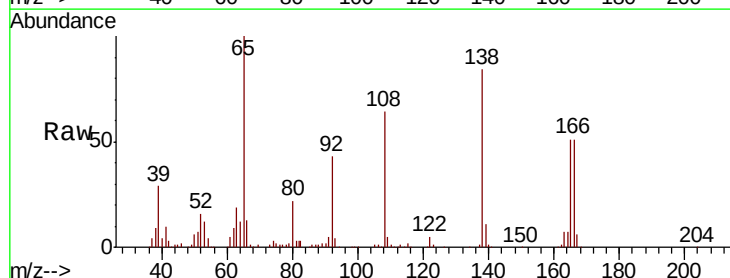


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

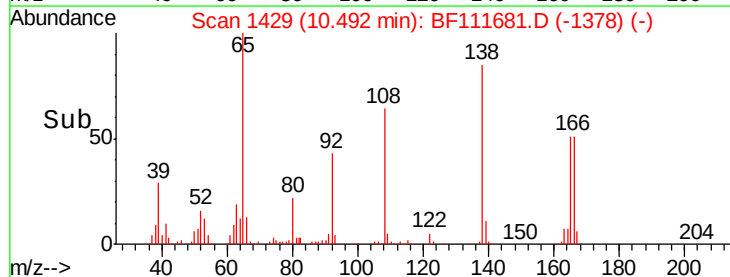
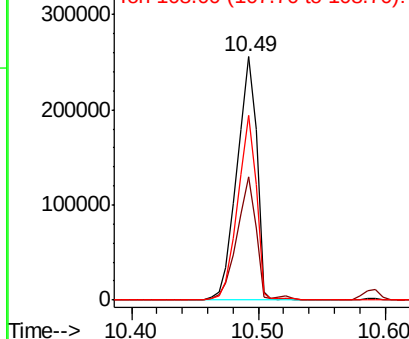


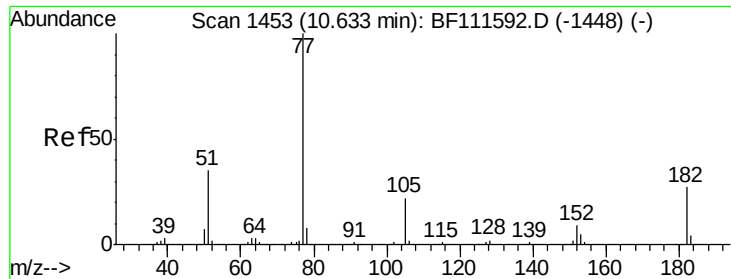
#62
4-Nitroaniline
Concen: 52.232 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion:138 Resp: 273932
Ion Ratio Lower Upper
138 100
92 50.6 29.9 69.9
108 75.7 43.2 83.2



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

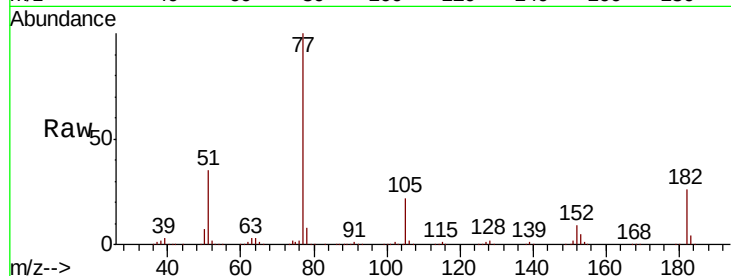




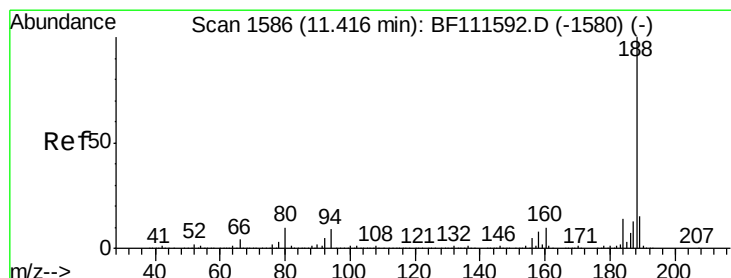
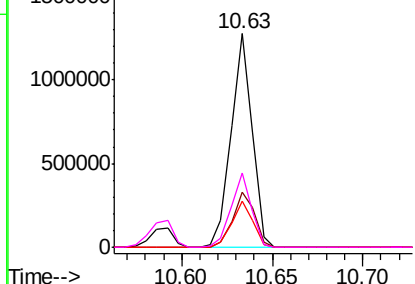
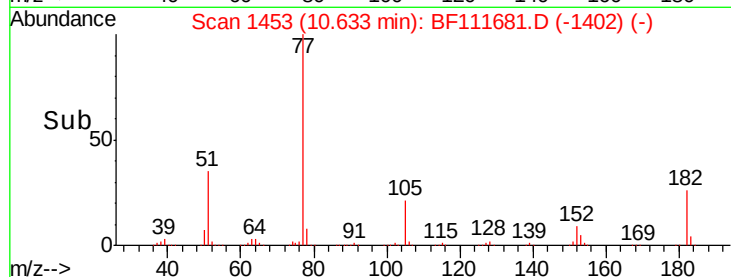
#63
Azobenzene
Concen: 41.532 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1037821
Ion Ratio Lower Upper
77 100
182 25.9 4.9 44.9
105 21.6 6.0 46.0
51 34.6 14.7 54.7

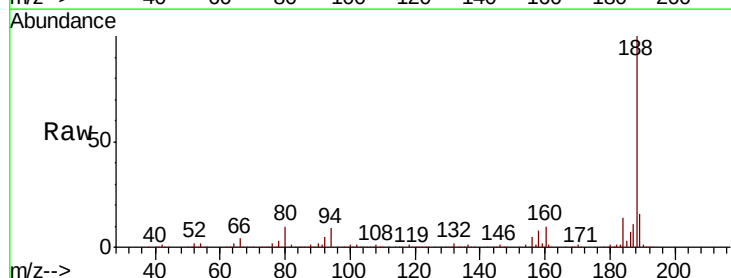


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

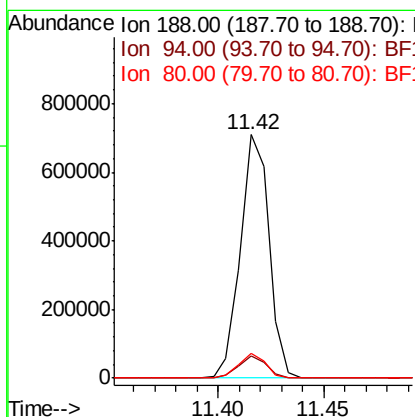
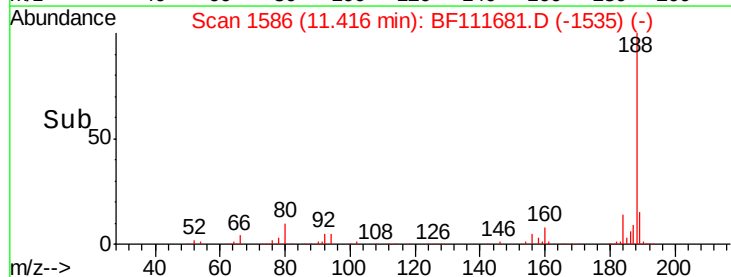


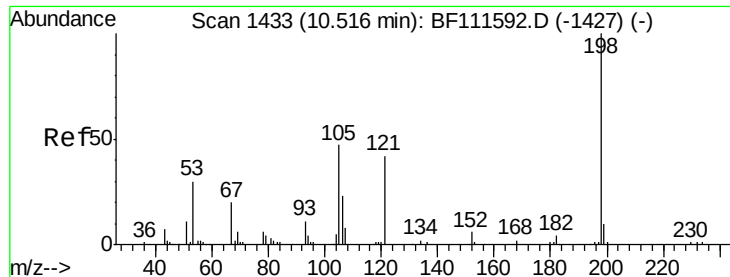
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion: 188 Resp: 666483
Ion Ratio Lower Upper
188 100
94 9.3 9.6 14.4#
80 10.1 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

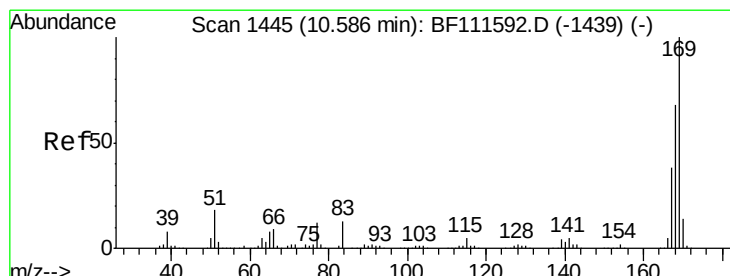
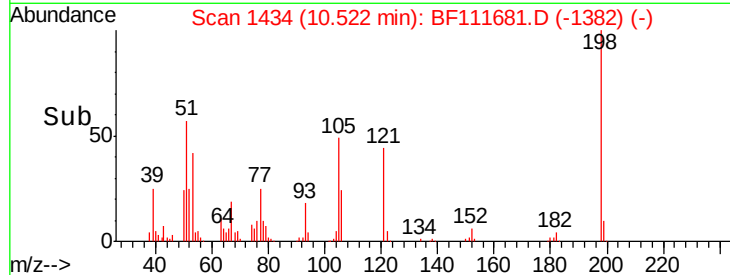
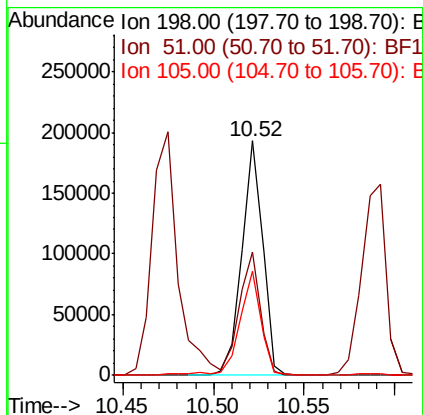
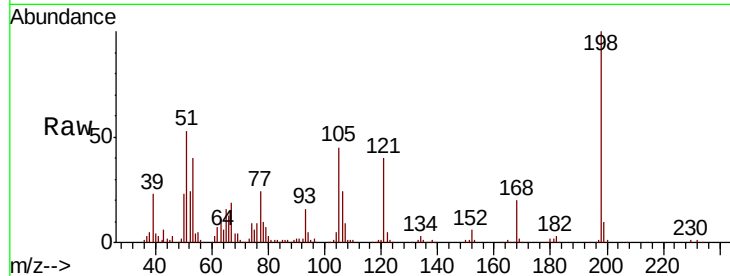




#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.210 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

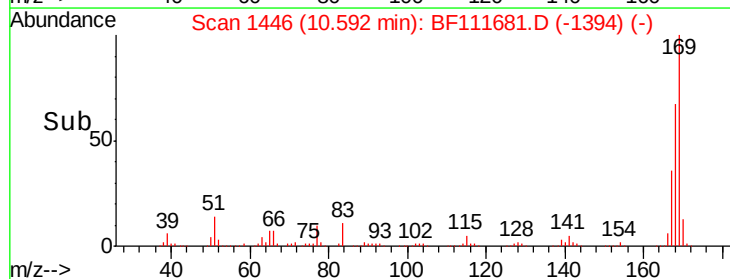
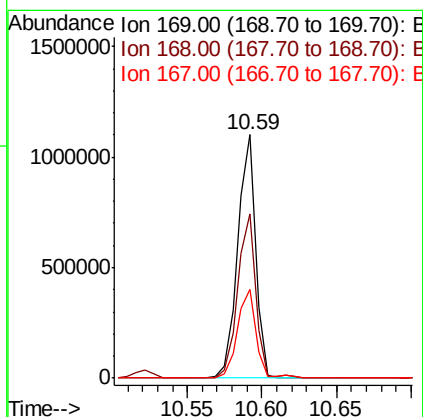
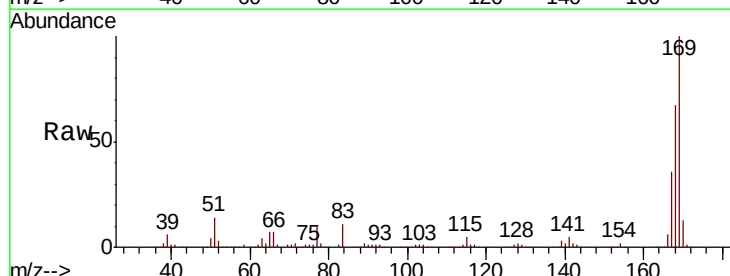
Instrument :
 BNA_F
 ClientSampled :

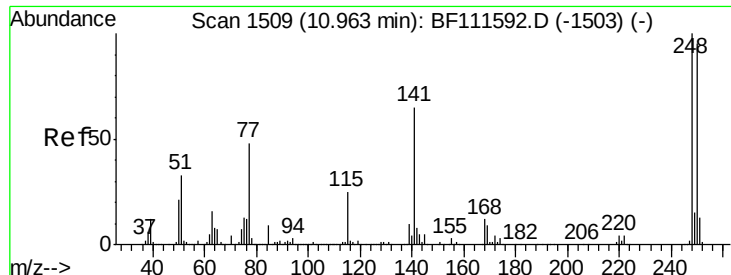
Tot Ion	Ratio	Lower	Upper
198	100		
51	52.5	48.0	88.0
105	44.5	34.0	74.0



#66
 n-Nitrosodiphenylamine
 Concen: 41.565 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.01 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.4	81.6
167	36.4	30.5	45.7

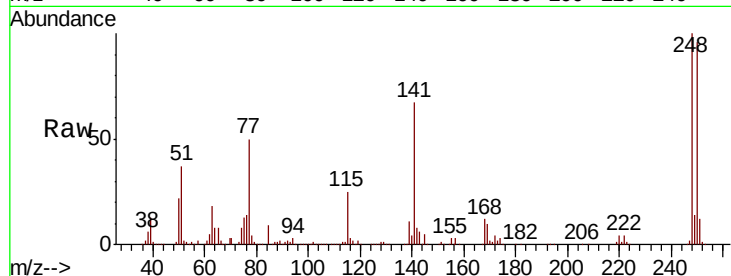




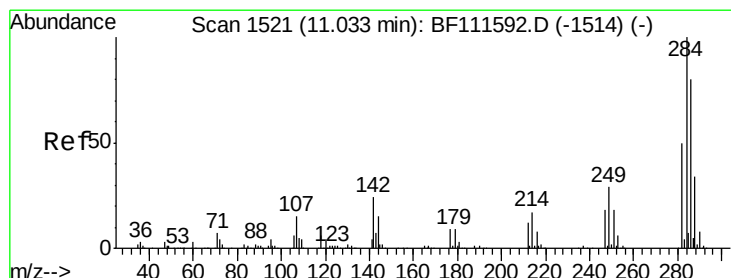
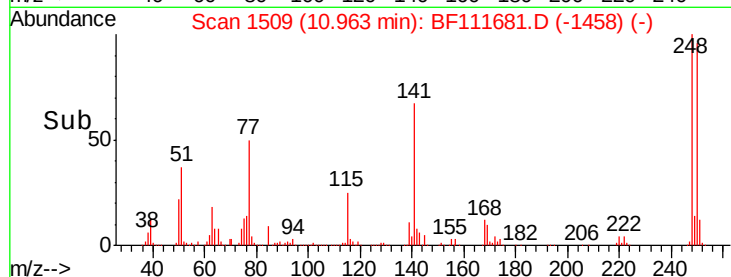
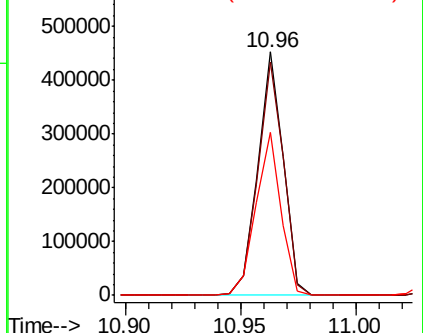
#67
4-Bromophenyl-phenylether
Concen: 42.115 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 348148
Ion Ratio Lower Upper
248 100
250 95.7 77.0 115.4
141 67.1 63.0 94.6

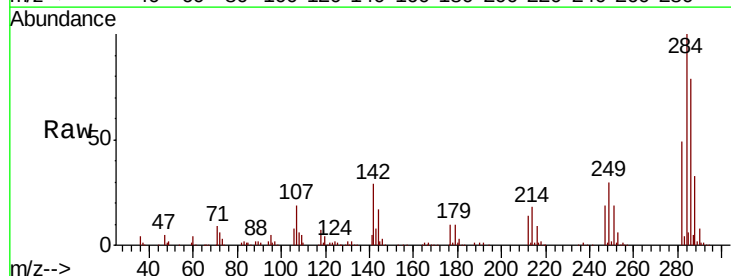


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

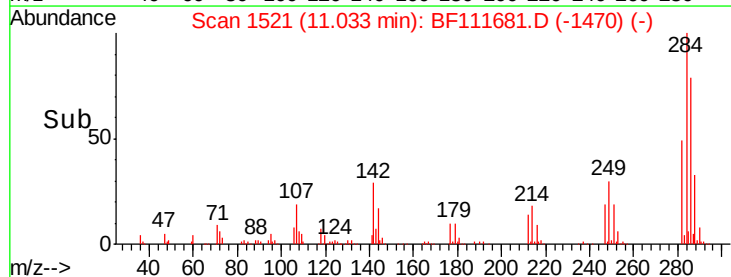
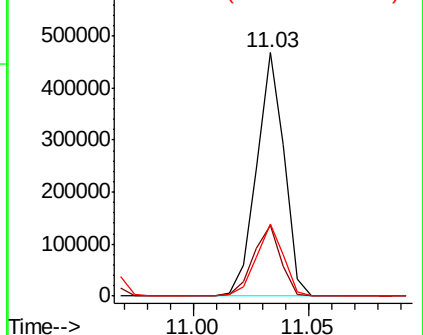


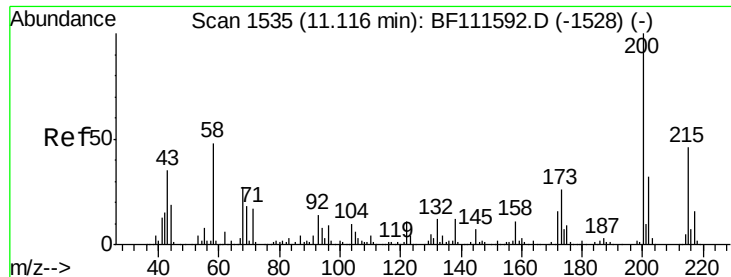
#68
Hexachlorobenzene
Concen: 42.225 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion:284 Resp: 389192
Ion Ratio Lower Upper
284 100
142 29.3 27.4 41.2
249 29.6 24.4 36.6



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





#69

Atrazine

Concen: 41.329 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

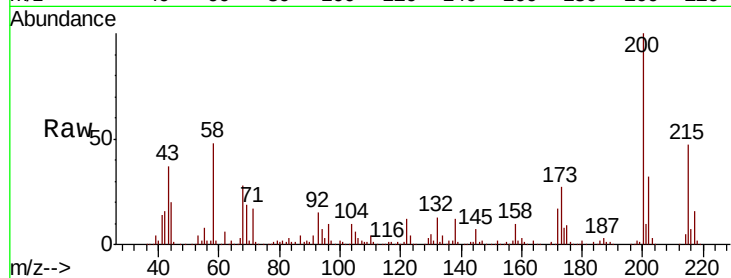
Tot Ion:200 Resp: 321224

Ion Ratio Lower Upper

200 100

173 26.6 10.1 50.1

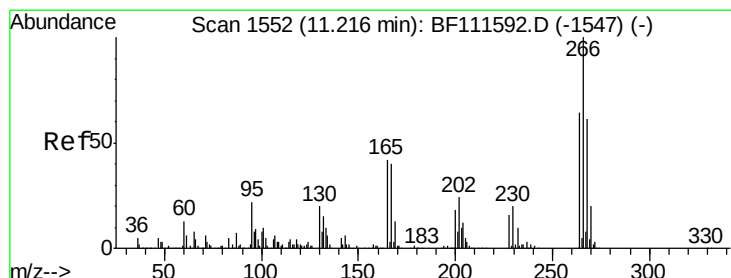
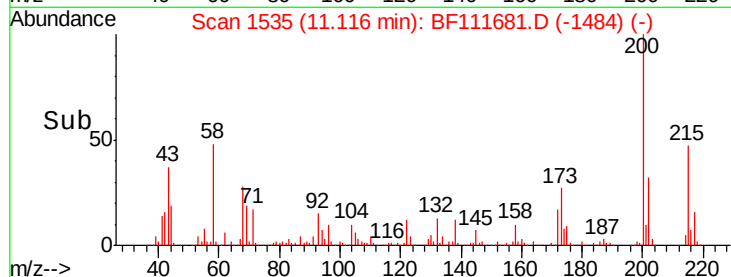
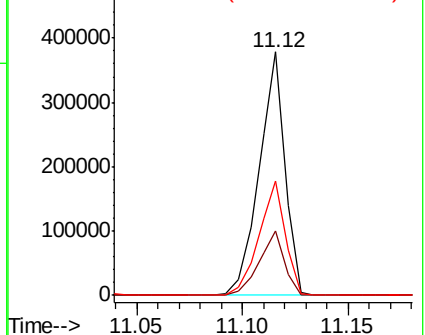
215 47.2 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 44.861 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

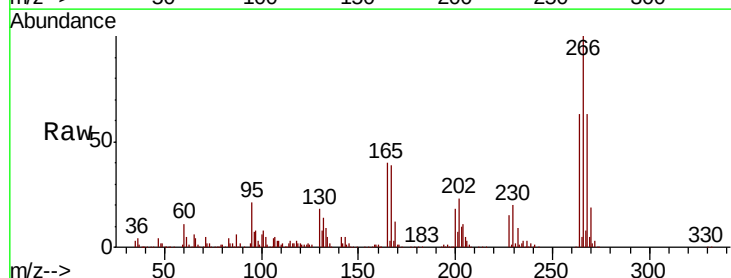
Tgt Ion:266 Resp: 255619

Ion Ratio Lower Upper

266 100

268 62.6 47.9 71.9

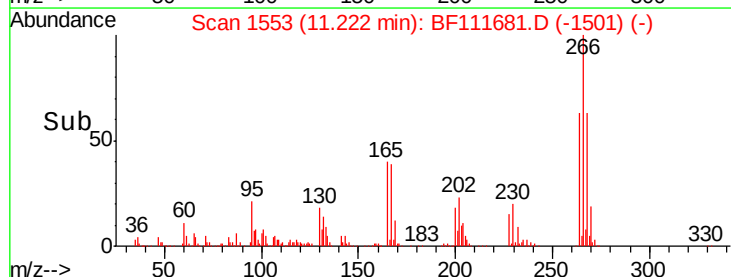
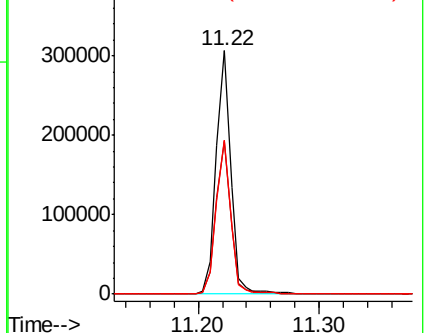
264 63.2 49.1 73.7

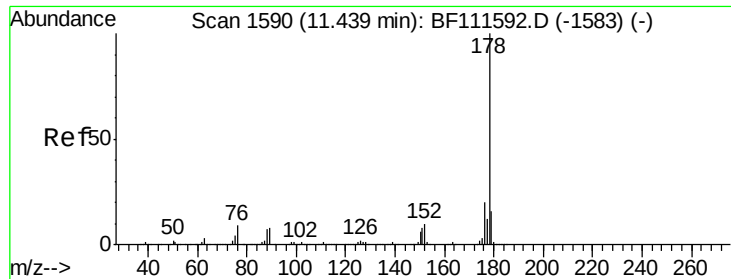


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.313 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampled :

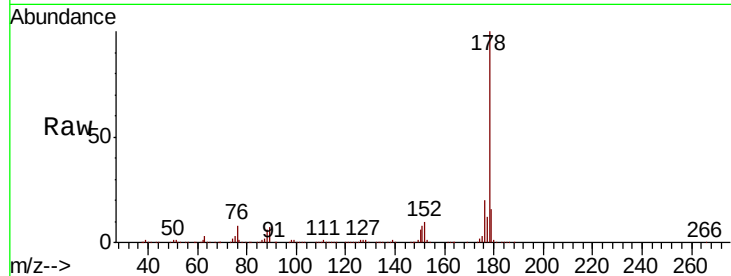
Tot Ion:178 Resp: 1495609

Ion Ratio Lower Upper

178 100

176 20.0 18.1 27.1

179 15.7 14.0 21.0

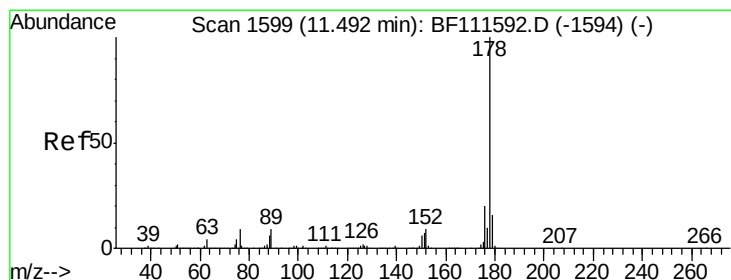
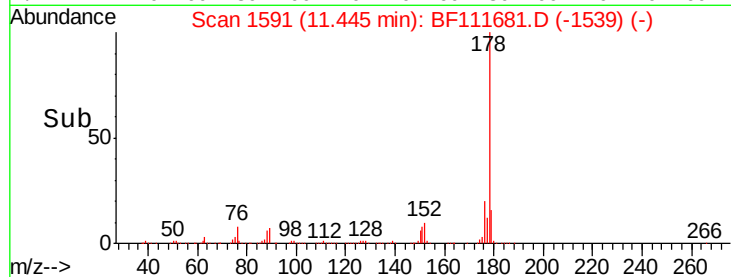
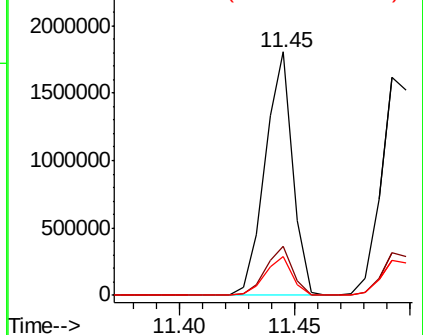


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.252 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

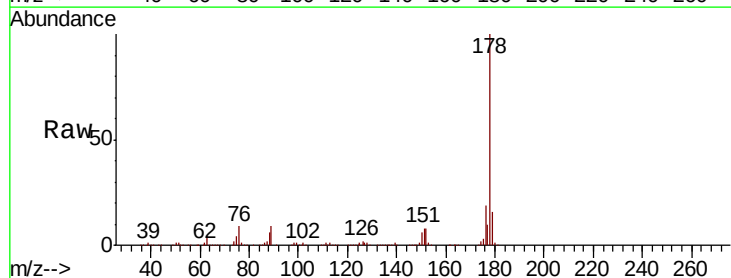
Tgt Ion:178 Resp: 1499010

Ion Ratio Lower Upper

178 100

176 19.4 17.2 25.8

179 16.2 13.8 20.8

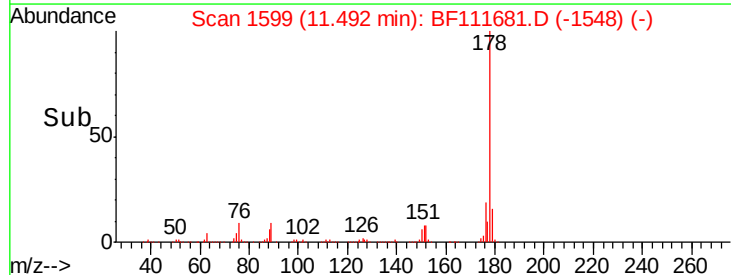
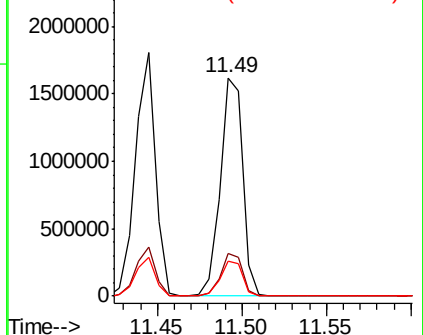


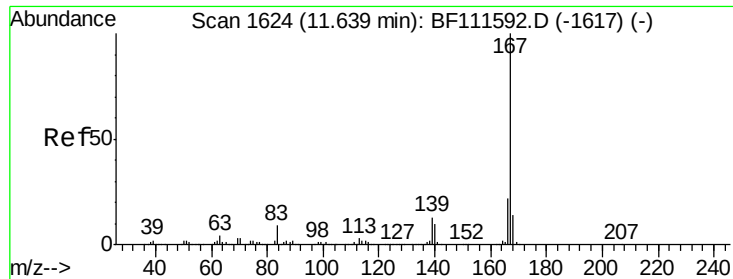
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



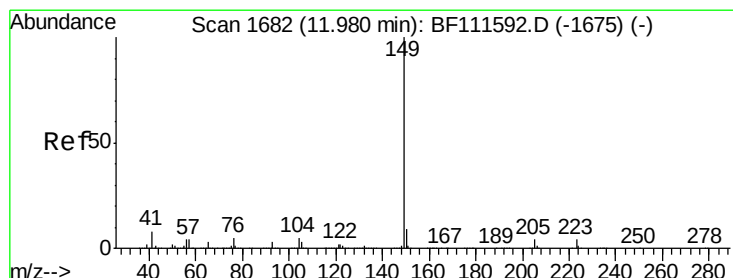
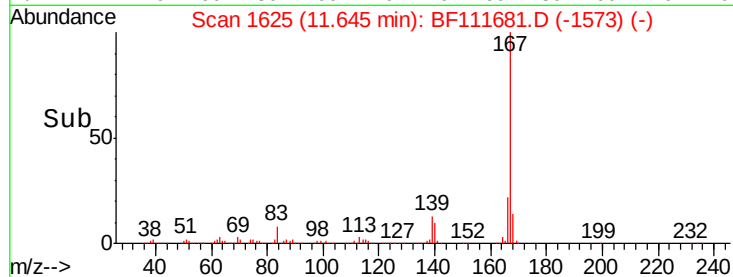
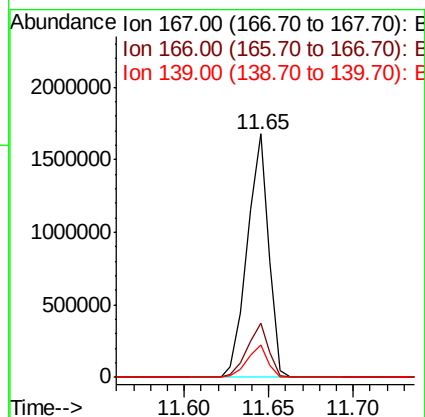
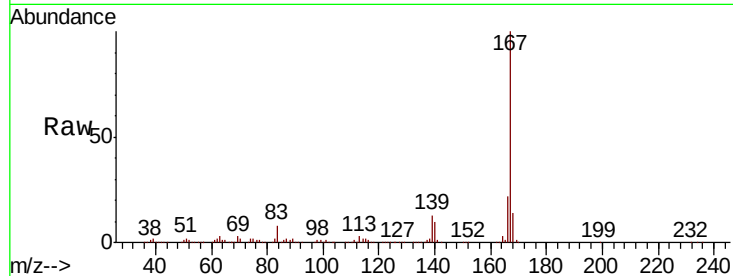


#73
 Carbazole
 Concen: 43.191 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1487685

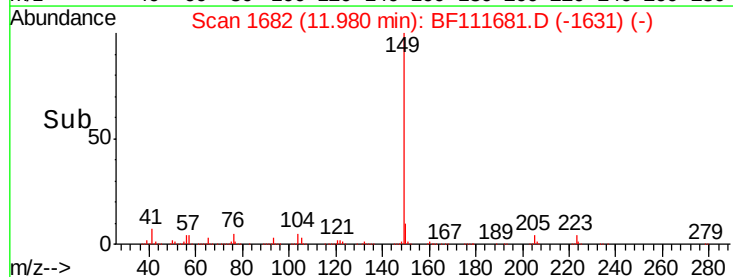
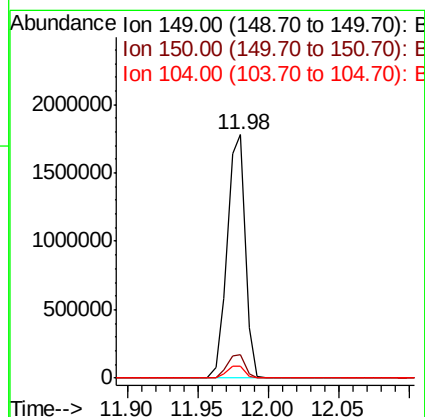
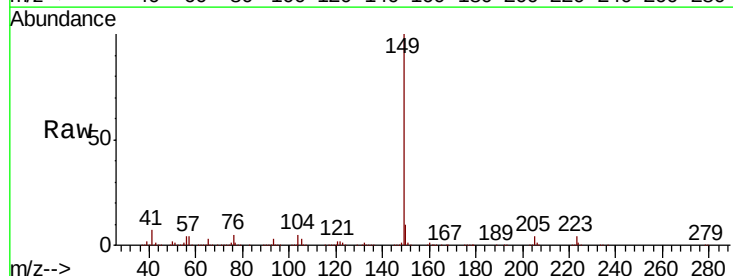
Ion	Ratio	Lower	Upper
167	100		
166	22.4	19.3	28.9
139	13.1	11.9	17.9

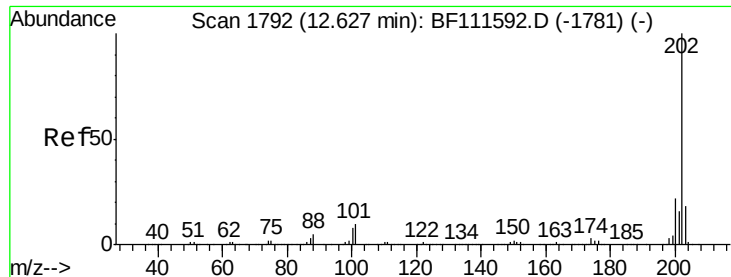


#74
 Di-n-butylphthalate
 Concen: 40.870 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion:149 Resp: 1578392

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.8	13.2
104	4.7	4.5	6.7

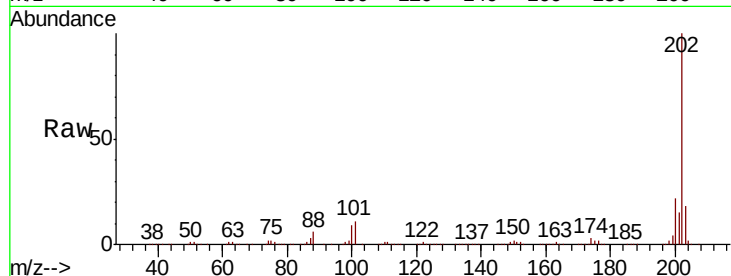




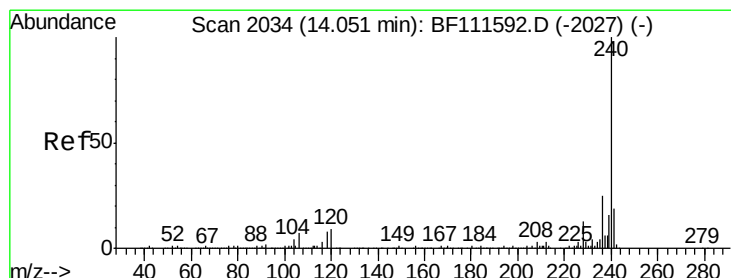
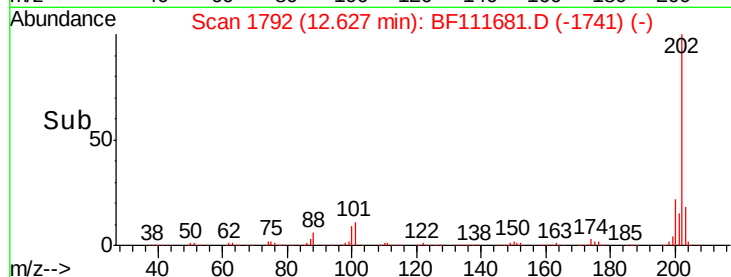
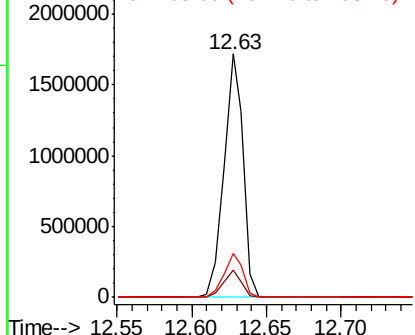
#75
Fluoranthene
Concen: 43.597 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1560480
Ion Ratio Lower Upper
202 100
101 11.3 0.0 33.8
203 17.8 0.0 38.6

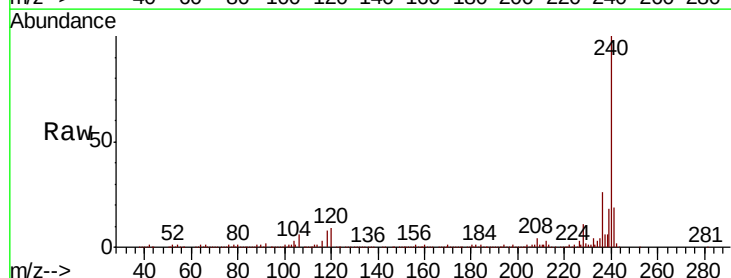


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

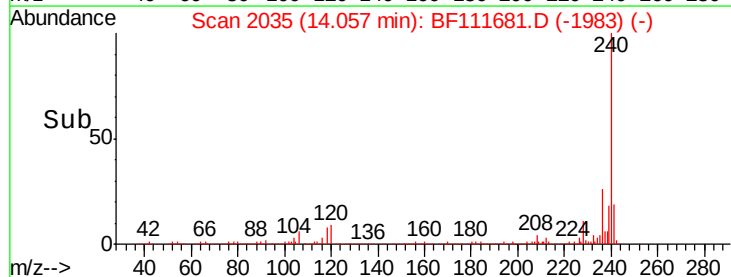
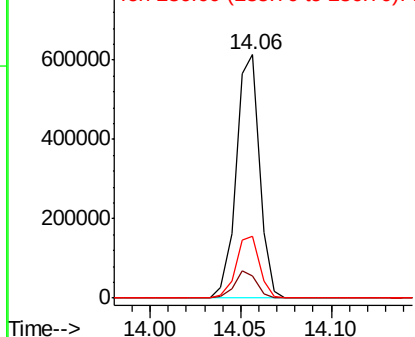


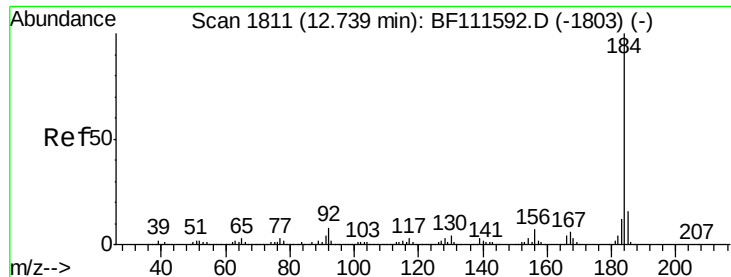
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion:240 Resp: 549479
Ion Ratio Lower Upper
240 100
120 9.0 12.2 18.2#
236 25.6 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

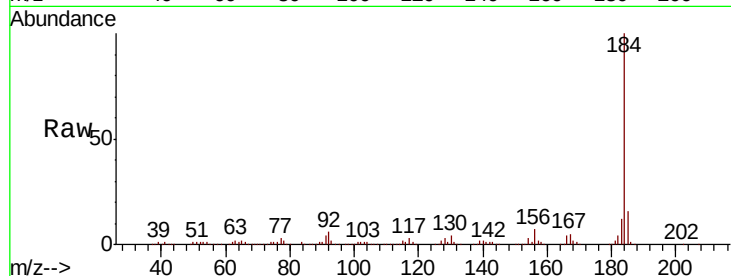




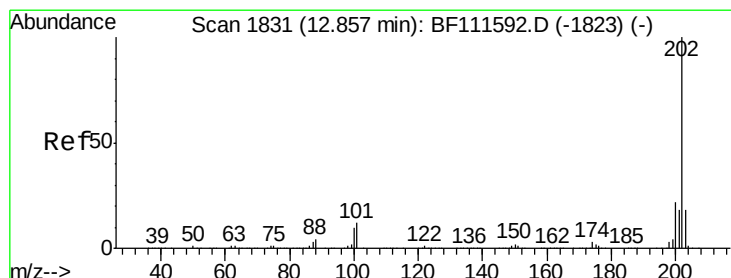
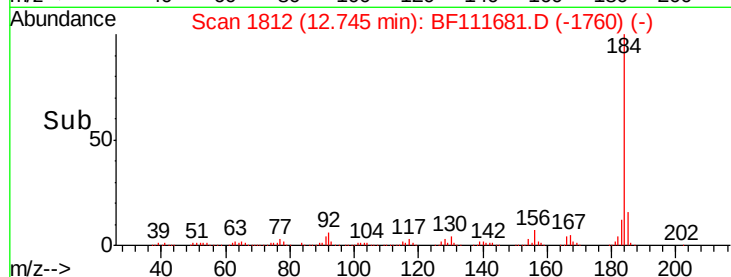
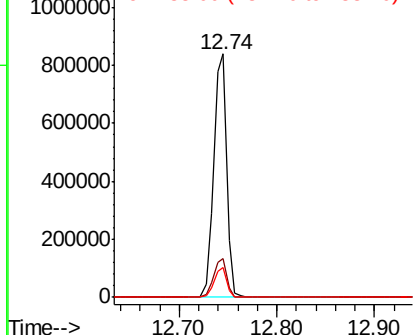
#77
Benzidine
Concen: 37.488 ng
RT: 12.74 min Scan# 1812
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 775117
Ion Ratio Lower Upper
184 100
185 15.7 13.0 19.6
183 12.1 9.3 13.9

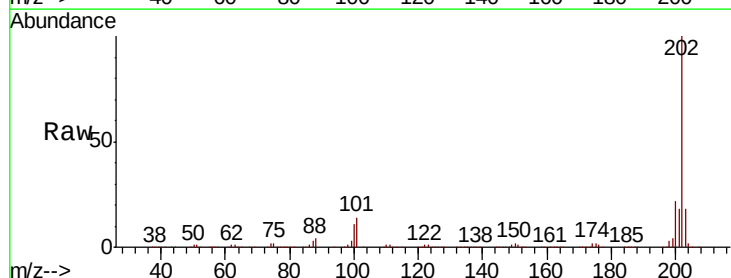


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

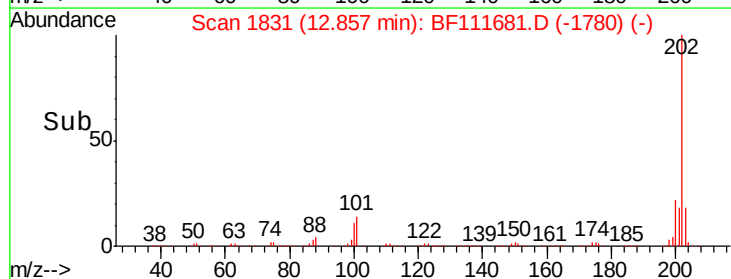
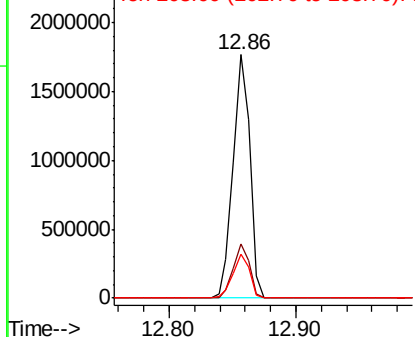


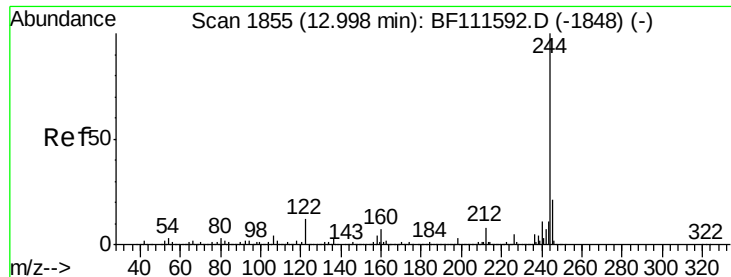
#78
Pyrene
Concen: 41.312 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion:202 Resp: 1603039
Ion Ratio Lower Upper
202 100
200 22.1 19.0 28.4
203 18.2 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: 79.572 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

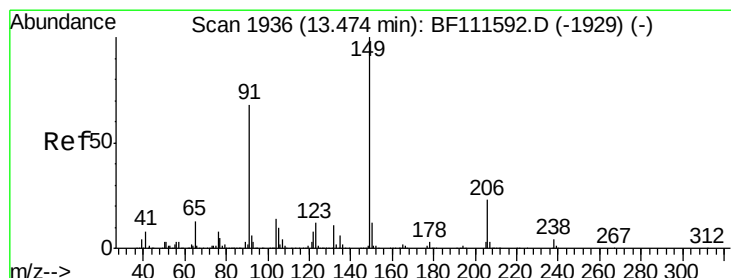
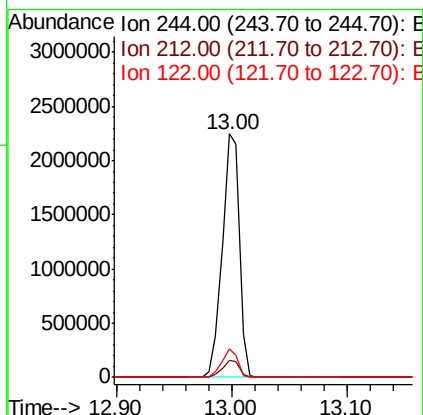
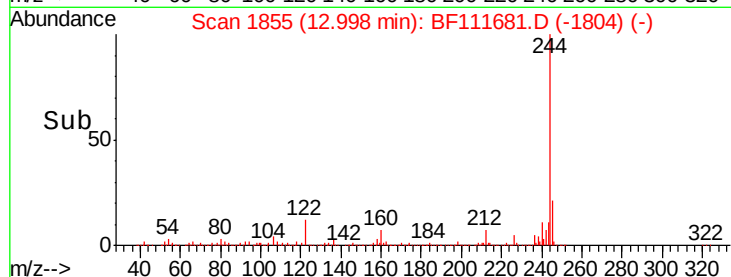
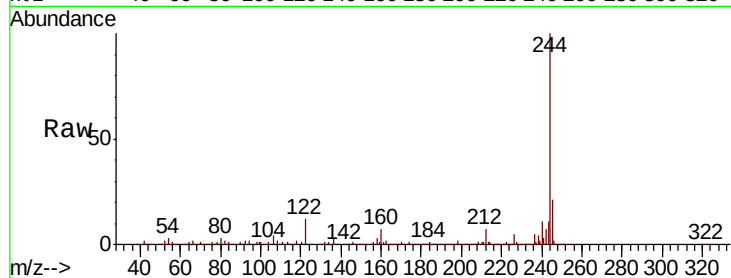
Tot Ion:244 Resp: 2305558

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 11.7 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 42.703 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

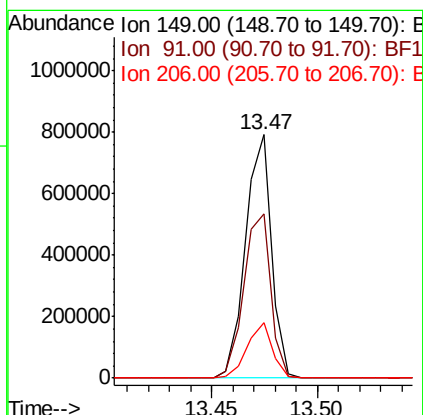
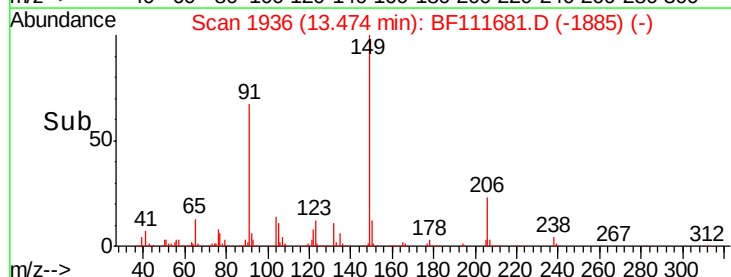
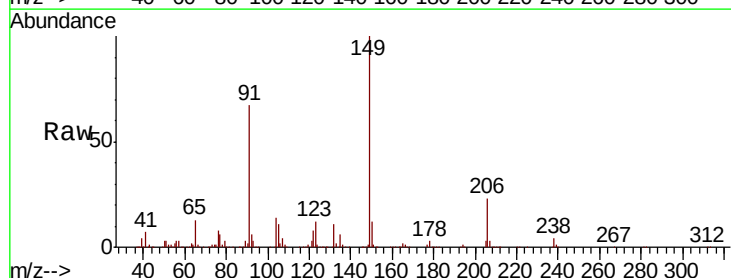
Tgt Ion:149 Resp: 675436

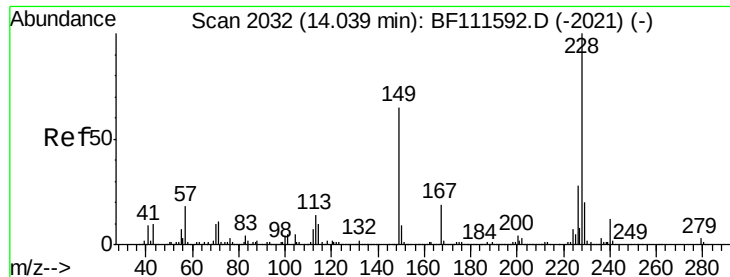
Ion Ratio Lower Upper

149 100

91 67.4 63.8 95.6

206 22.6 15.1 22.7

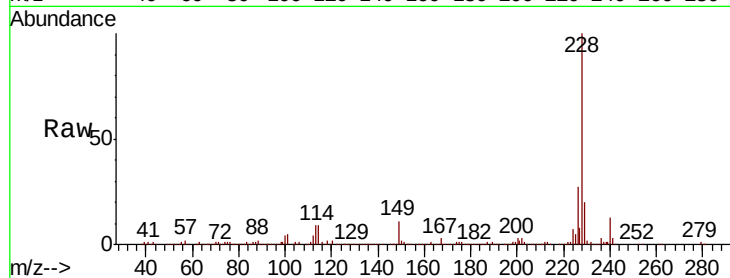




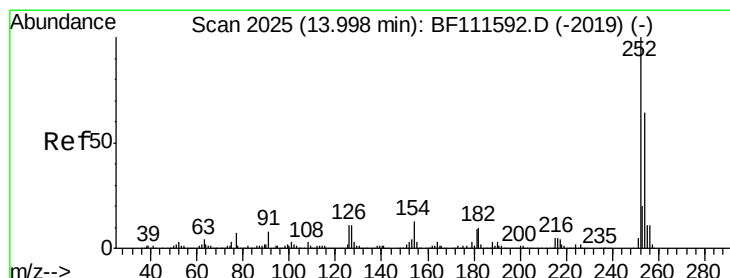
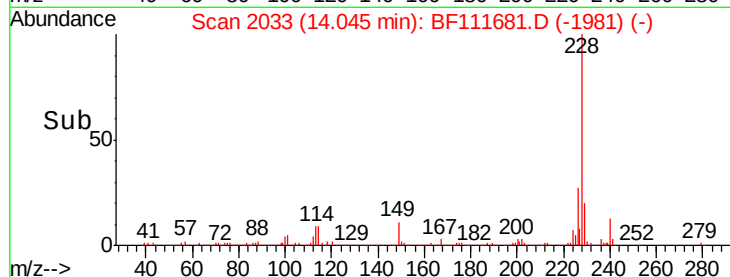
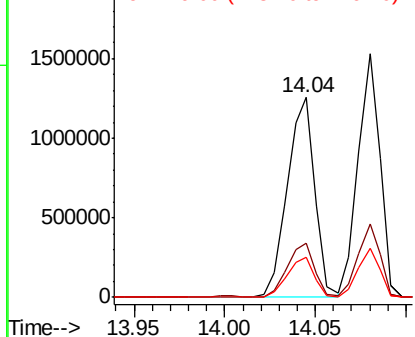
#81
Benzo(a)anthracene
Concen: 42.445 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1331009
Ion Ratio Lower Upper
228 100
226 27.3 22.6 34.0
229 20.1 16.3 24.5

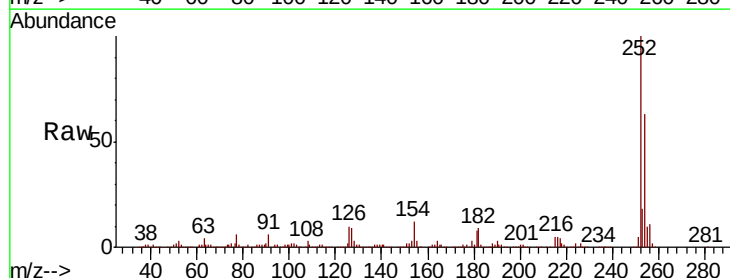


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

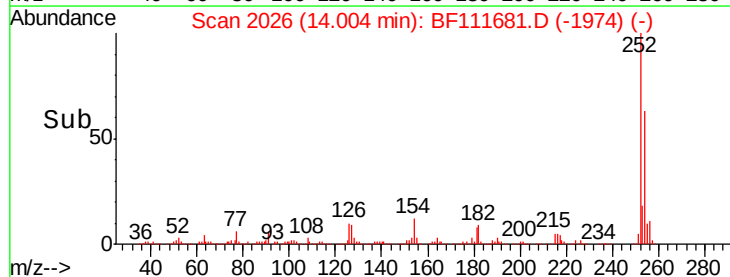
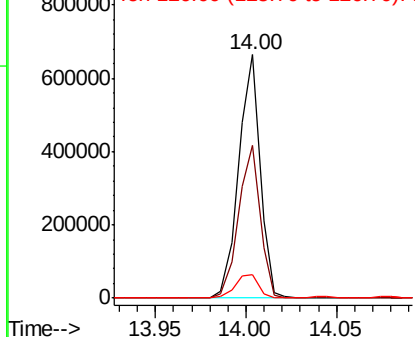


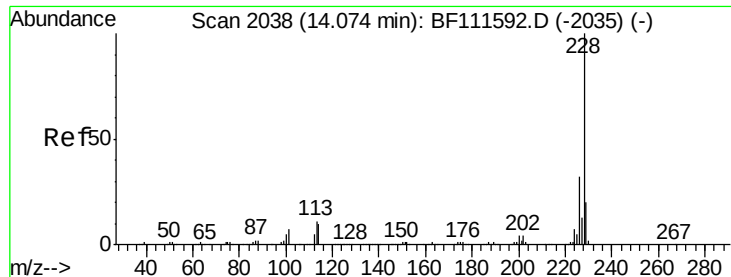
#82
3,3'-Dichlorobenzidine
Concen: 44.015 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion:252 Resp: 545349
Ion Ratio Lower Upper
252 100
254 62.9 52.7 79.1
126 9.9 11.1 16.7#



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

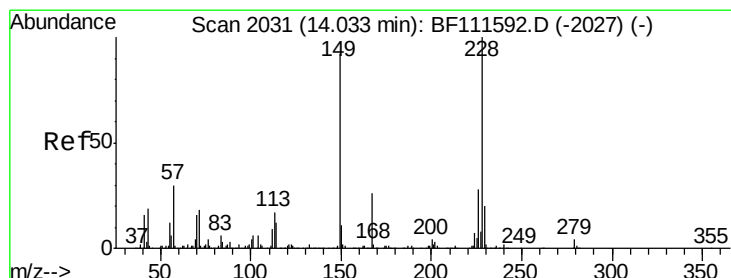
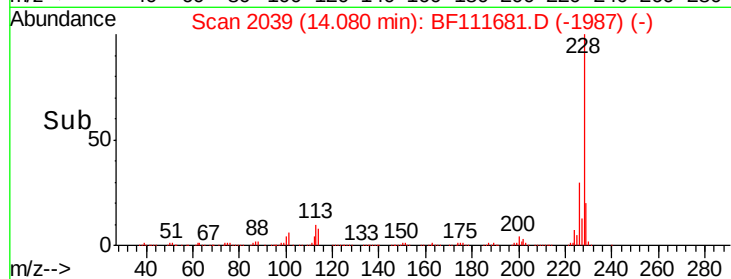
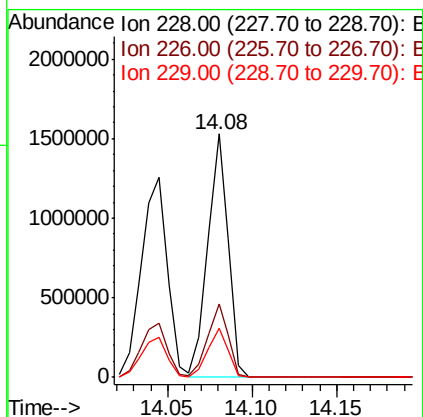
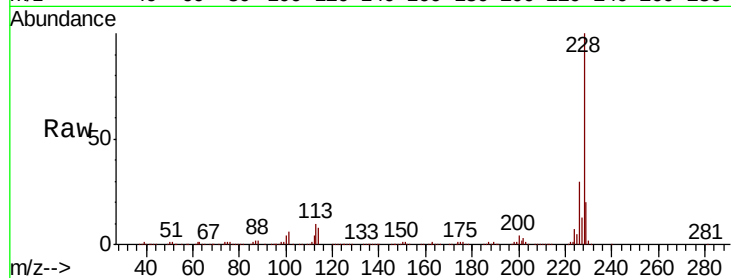




#83
 Chrvsene
 Concen: 42.013 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

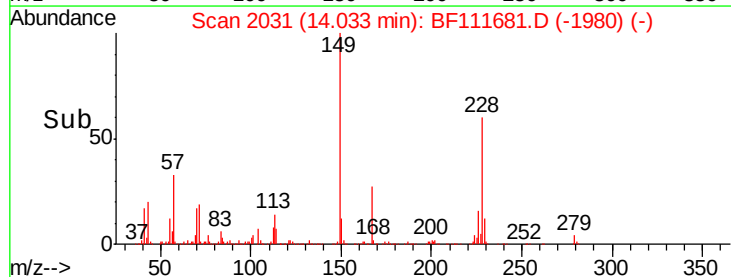
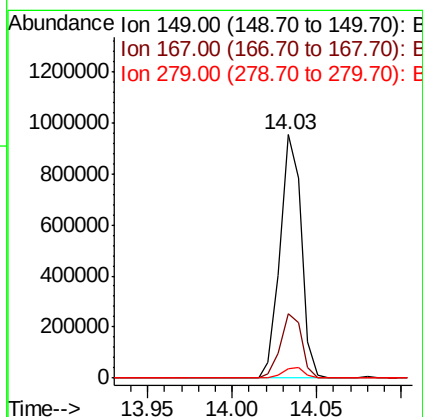
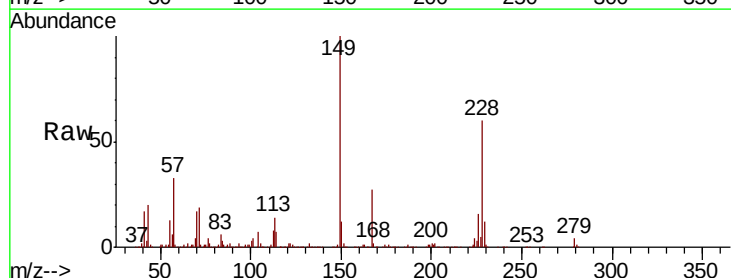
Instrument :
 BNA_F
 ClientSampleId :

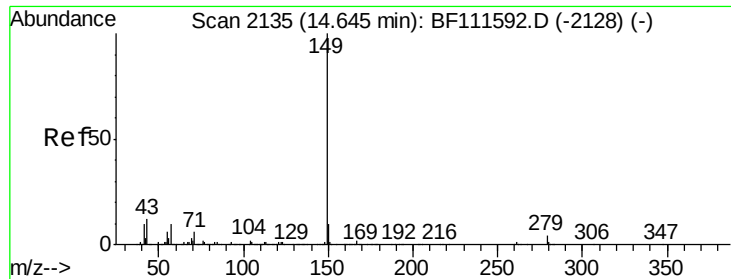
Tot Ion:228 Resp: 1294870
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.3 37.9
 229 20.0 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.770 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion:149 Resp: 832202
 Ion Ratio Lower Upper
 149 100
 167 26.7 22.5 33.7
 279 3.8 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 40.124 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

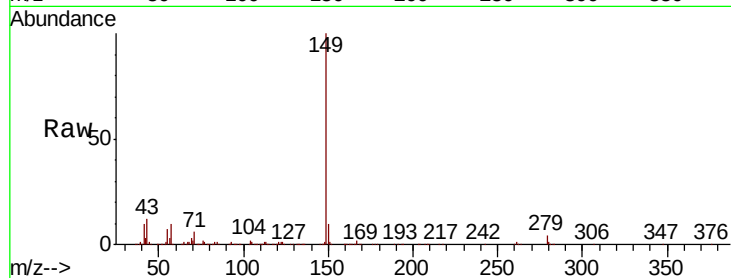
Tot Ion:149 Resp: 1238551

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

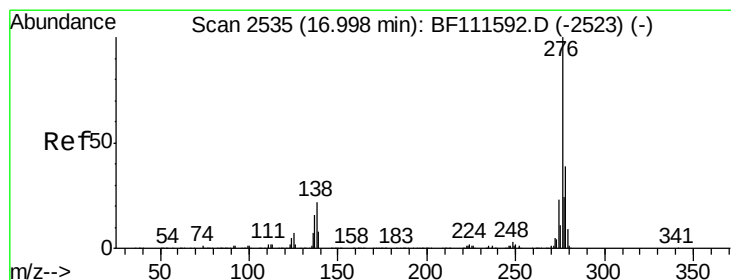
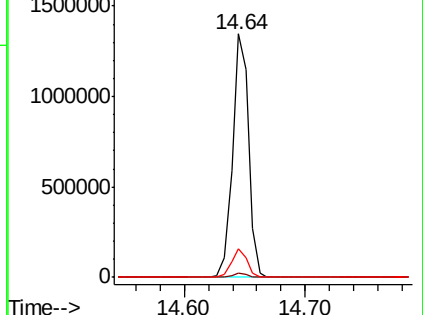
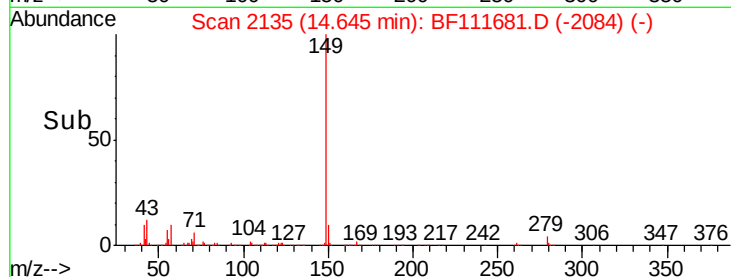
43 11.4 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.355 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

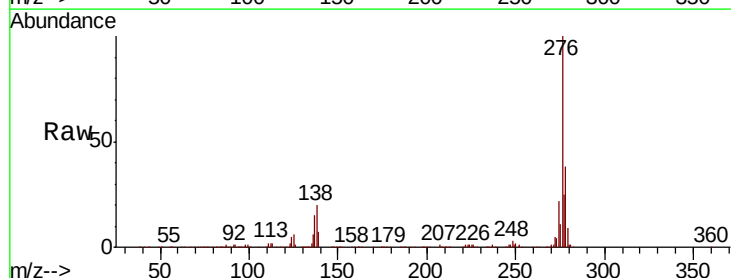
Tgt Ion:276 Resp: 926332

Ion Ratio Lower Upper

276 100

138 22.7 27.8 41.6#

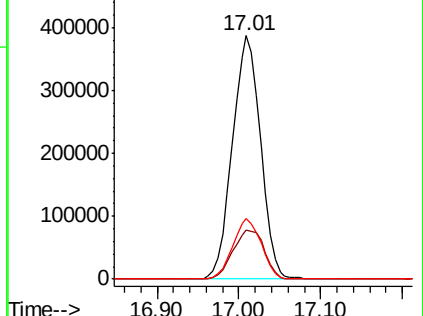
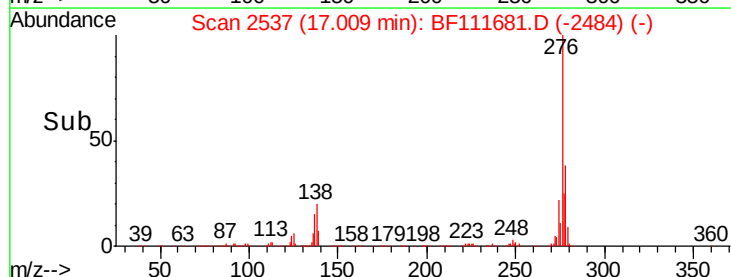
277 25.3 20.1 30.1

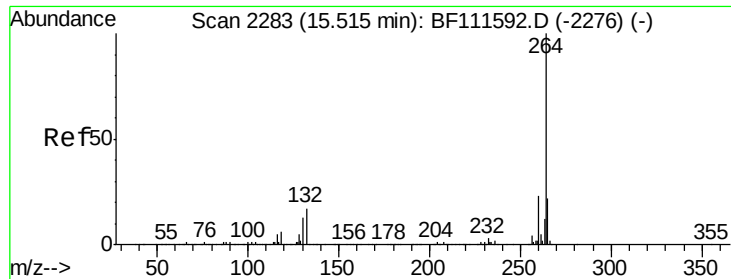


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

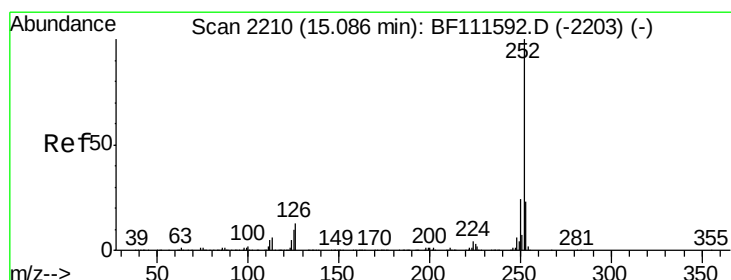
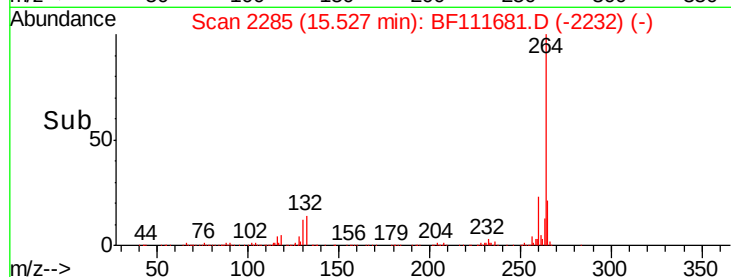
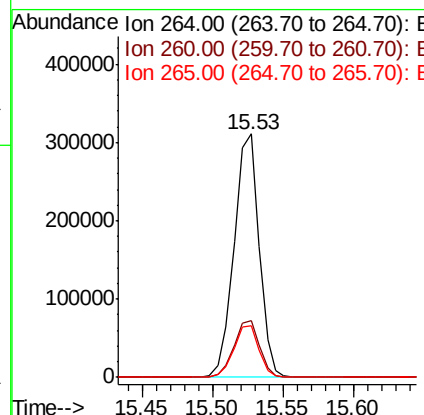
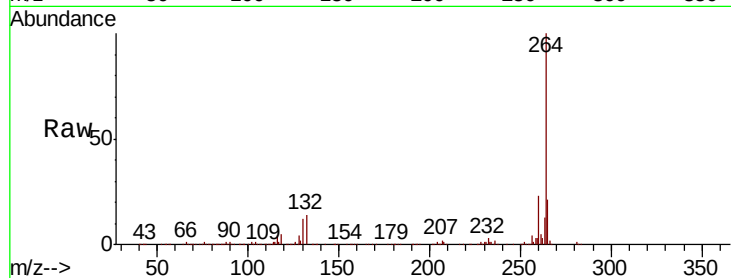




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

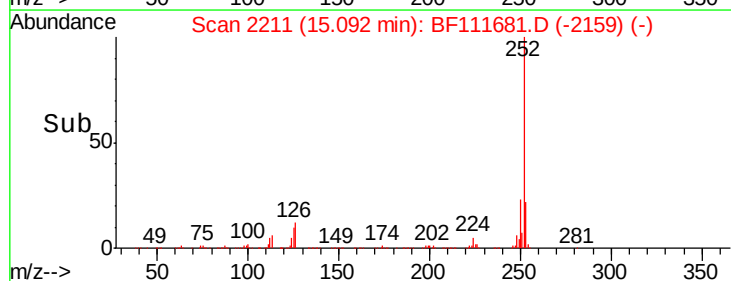
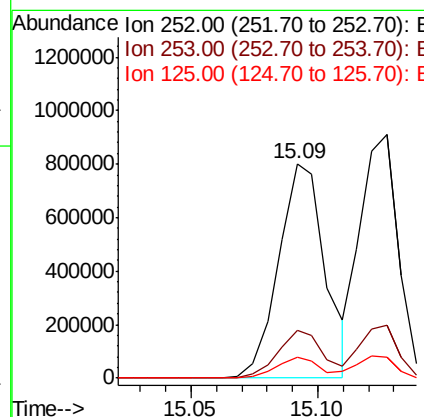
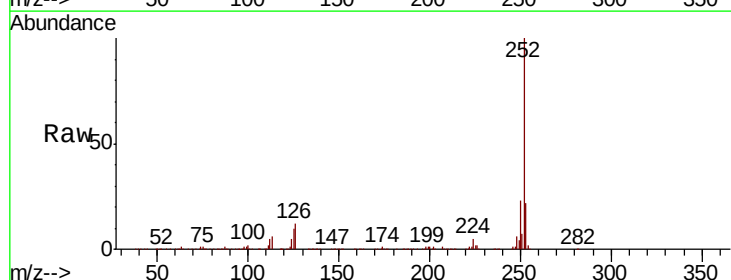
Instrument :
BNA_F
ClientSampleId :

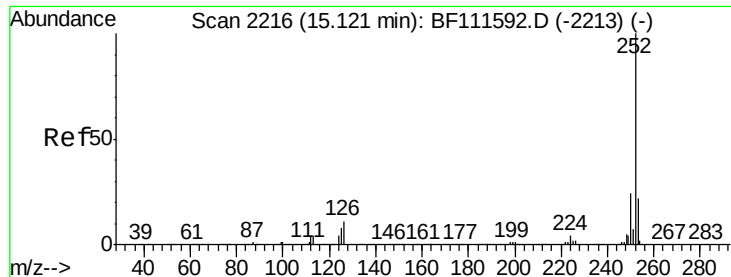
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.1	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 45.657 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.6	10.4	15.6

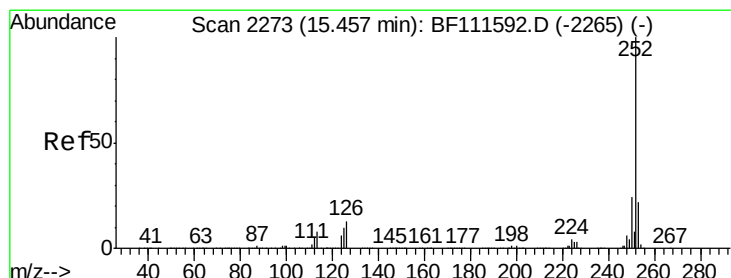
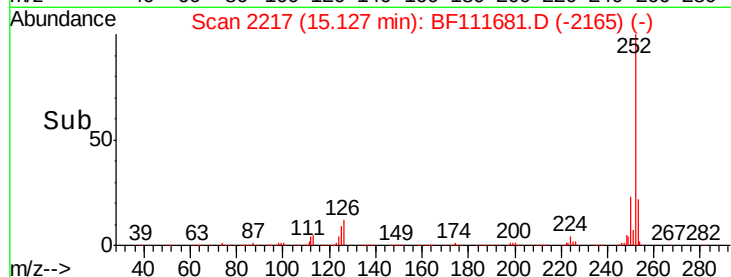
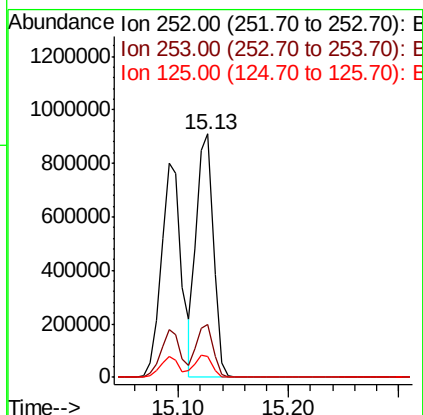
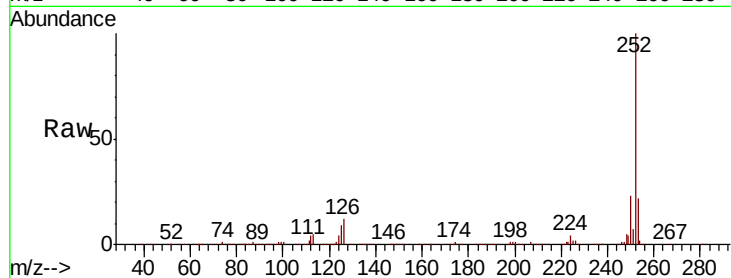




#89
Benzo(k)fluoranthene
Concen: 44.564 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

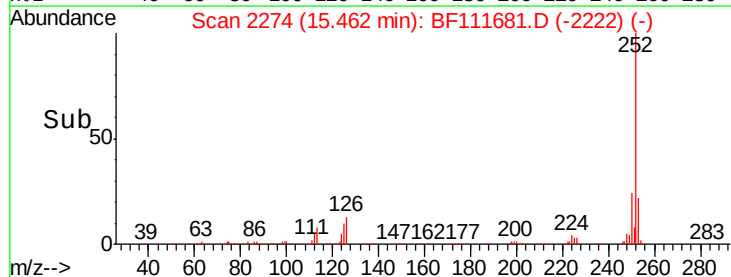
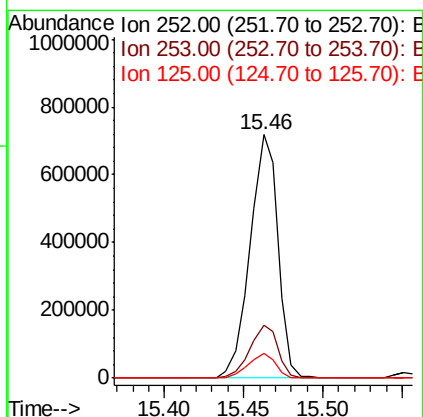
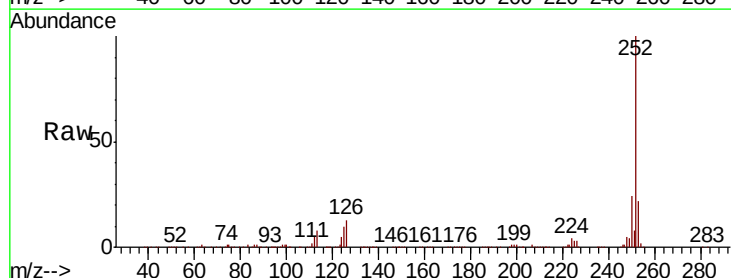
Instrument :
BNA_F
ClientSampleId :

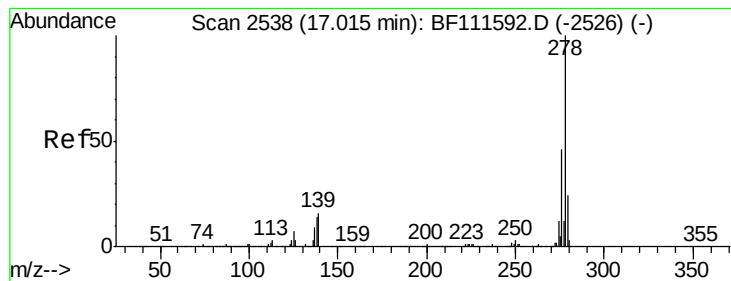
Tot Ion:252 Resp: 954091
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 8.5 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 43.017 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion:252 Resp: 878857
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 10.2 12.3 18.5#





#91

Dibenzo(a,h)anthracene

Concen: 42.882 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

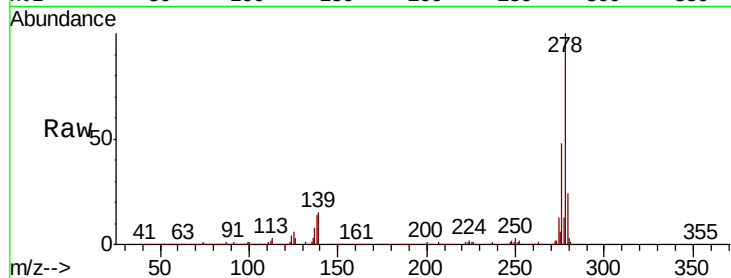
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 767186

Ion	Ratio	Lower	Upper
278	100		
139	14.8	18.2	27.4#
279	23.6	19.0	28.6

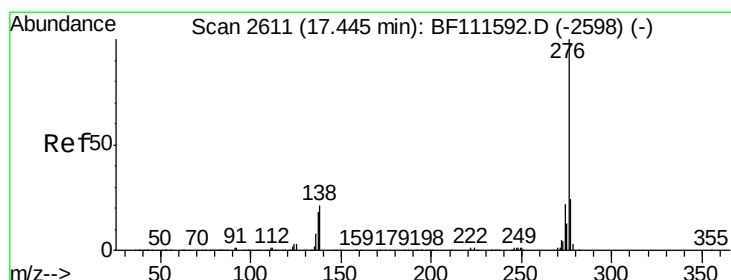
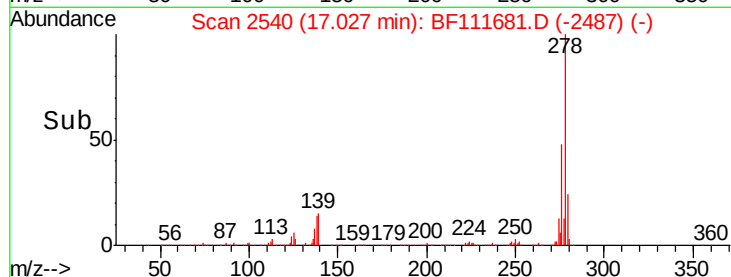
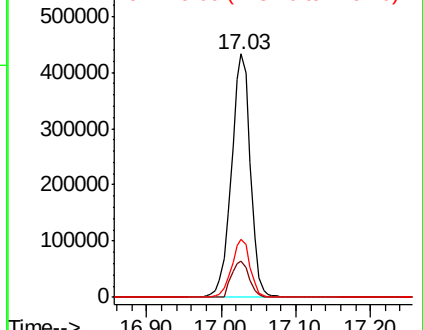


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.900 ng

RT: 17.46 min Scan# 2614

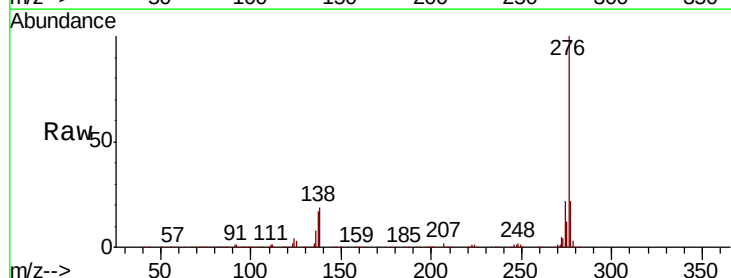
Delta R.T. 0.02 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Tgt Ion:276 Resp: 784385

Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.2	28.8
138	19.2	24.9	37.3#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

