

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104681.D
 Acq On : 20 Apr 2018 18:20
 Operator : JU/SJ
 Sample : J2461-03MSD 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01MSD

Quant Time: Apr 21 04:13:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	113049	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	424748	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	169990	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	283456	20.00	ng	0.00
75) Chrysene-d12	13.98	240	216227	20.00	ng	0.00
86) Perylene-d12	15.44	264	156263	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	75471	10.21	ng	0.00
7) Phenol-d6	6.43	99	92288	10.16	ng	-0.01
23) Nitrobenzene-d5	7.36	82	50819	7.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	16843	9.55	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	99590	9.26	ng	0.00
78) Terphenyl-d14	12.92	244	88125	9.29	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.49	88	10302	2.990	ng	92
3) Pyridine	3.27	79	22351	2.308	ng	# 85
4) n-Nitrosodimethylamine	3.18	42	10355	3.058	ng	# 74
8) 2-Chlorophenol	6.59	128	26851	3.441	ng	96
10) Phenol	6.45	94	34843	3.615	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	26762	3.479	ng	93
12) 1,3-Dichlorobenzene	6.75	146	29839	3.375	ng	96
13) 1,4-Dichlorobenzene	6.82	146	30293	3.438	ng	99
14) 1,2-Dichlorobenzene	6.97	146	29276	3.585	ng	98
15) Benzyl Alcohol	6.95	79	20235	2.933	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	32848	3.180	ng	79
17) 2-Methylphenol	7.06	107	21375	3.151	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	18784	3.164	ng	93
20) 3+4-Methylphenols	7.22	107	28238	3.357	ng	95
22) Acetophenone	7.21	105	39312	3.759	ng	95
24) Nitrobenzene	7.38	77	27572	3.839	ng	98
25) Isophorone	7.62	82	47668	3.465	ng	98
26) 2-Nitrophenol	7.70	139	6048	2.069	ng	93
27) 2,4-Dimethylphenol	7.75	122	21482	3.539	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	32006	3.806	ng	97
29) 2,4-Dichlorophenol	7.96	162	18950	3.272	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	21578	3.394	ng	99
31) Naphthalene	8.11	128	76943	3.638	ng	98
32) Benzoic acid	7.75	122	21482	4.435	ng	# 14
34) Hexachlorobutadiene	8.22	225	12242	3.516	ng	98
35) Caprolactam	8.49	113	4316	2.136	ng	# 76
36) 4-Chloro-3-methylphenol	8.65	107	20136	3.242	ng	96
37) 2-Methylnaphthalene	8.80	142	48624	3.554	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	19764	4.062	ng	97
42) 2,4,6-Trichlorophenol	9.08	196	11270	3.336	ng	97
43) 2,4,5-Trichlorophenol	9.13	196	11710	3.098	ng	93
45) 1,1'-Biphenyl	9.26	154	56670	3.968	ng	97
46) 2-Chloronaphthalene	9.29	162	41854	3.711	ng	99
47) 2-Nitroaniline	9.39	65	12419	4.452	ng	93

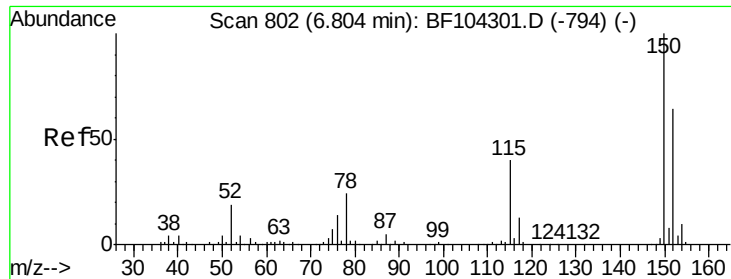
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	9.70	152	60295	3.407	nq	98
49) Dimethylphthalate	9.56	163	55841	4.166	nq	99
50) 2,6-Dinitrotoluene	9.63	165	5056	2.038	nq	91
51) Acenaphthene	9.87	154	36088	3.342	nq	96
52) 3-Nitroaniline	9.80	138	7914	2.725	nq	95
54) Dibenzofuran	10.05	168	54668	3.633	nq	99
55) 4-Nitrophenol	9.98	139	8987	3.940	nq	88
57) Fluorene	10.39	166	42435	3.874	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.17	232	9161	3.248	nq	# 87
59) Diethylphthalate	10.26	149	46645	3.494	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	19318	3.960	nq	90
61) 4-Nitroaniline	10.41	138	10535	3.710	nq	94
62) Azobenzene	10.54	77	38776	3.040	nq	94
64) 4,6-Dinitro-2-methylphenol	10.17	198	428	7.610	nq	# 23
65) n-Nitrosodiphenylamine	10.50	169	36459	3.710	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	10902	3.616	nq	91
67) Hexachlorobenzene	10.94	284	12701	3.744	nq	# 91
68) Atrazine	11.03	200	10969	3.698	nq	96
69) Pentachlorophenol	11.14	266	6139	2.925	nq	99
70) Phenanthrene	11.36	178	58414	3.700	nq	97
71) Anthracene	11.41	178	59725	3.722	nq	98
72) Carbazole	11.57	167	54355	3.467	nq	99
73) Di-n-butylphthalate	11.89	149	70766	3.695	nq	99
74) Fluoranthene	12.55	202	61276	3.715	nq	99
76) Benzidine	12.92	184	1154	Below Cal	#	68
77) Pyrene	12.77	202	62851	3.921	nq	99
79) Butylbenzylphthalate	13.39	149	36998	4.900	nq	98
80) Benzo(a)anthracene	13.97	228	47350	3.666	nq	99
82) Chrysene	14.00	228	46814	3.528	nq	96
83) Bis(2-ethylhexyl)phthalate	13.95	149	63400	6.528	nq	99
84) Di-n-octyl phthalate	14.57	149	65571	4.041	nq	97
85) Indeno(1,2,3-cd)pyrene	16.89	276	34045	3.021	nq	# 92
87) Benzo(b)fluoranthene	15.02	252	38396	3.890	nq	# 92
88) Benzo(k)fluoranthene	15.04	252	35722	3.834	nq	99
89) Benzo(a)pyrene	15.38	252	31937	3.617	nq	# 93
90) Dibenzo(a,h)anthracene	16.91	278	30494	4.205	nq	# 94
91) Benzo(g,h,i)perylene	17.33	276	30418	4.329	nq	94

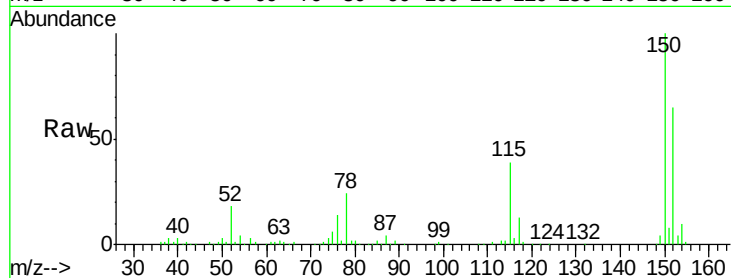
(#) = qualifier out of range (m) = manual integration (+) = signals summed



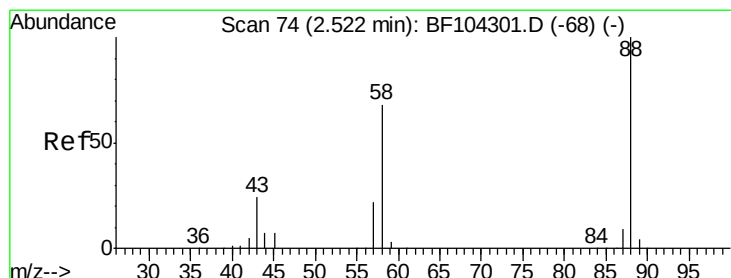
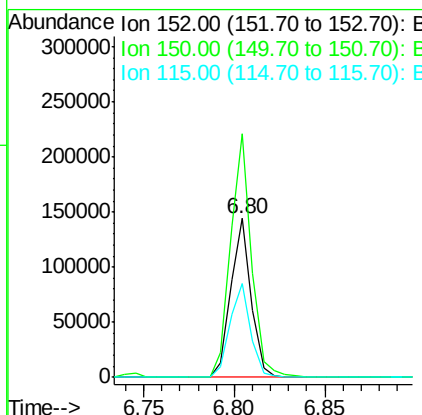
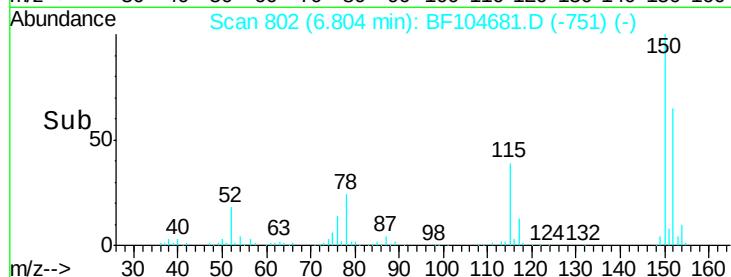
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01MSD

Tot Ion:152 Resp: 113049
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.6 186.8
 115 59.5 50.1 75.1

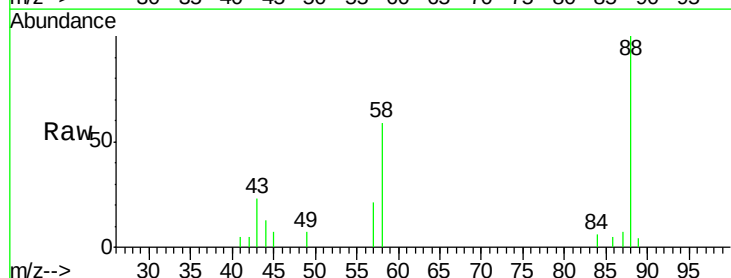


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

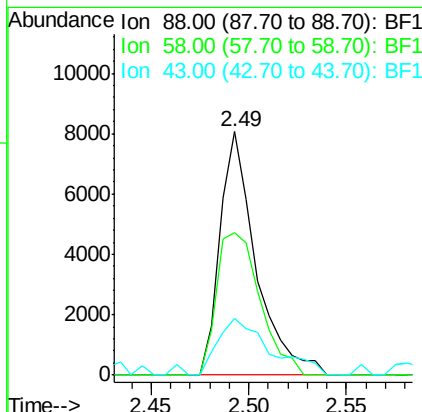
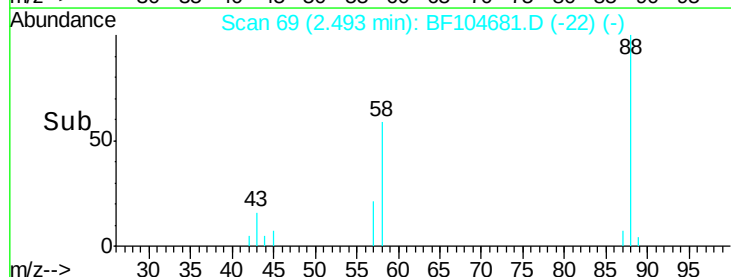


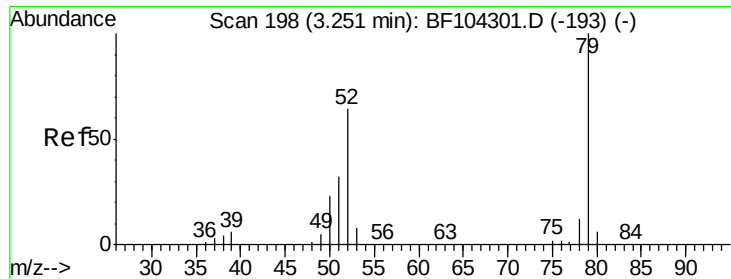
#2
 1,4-Dioxane
 Concen: 2.990 ng
 RT: 2.49 min Scan# 69
 Delta R.T. -0.02 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Tgt Ion: 88 Resp: 10302
 Ion Ratio Lower Upper
 88 100
 58 70.6 62.6 93.8
 43 33.6 24.6 37.0



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: 2.308 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.02 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01MSD

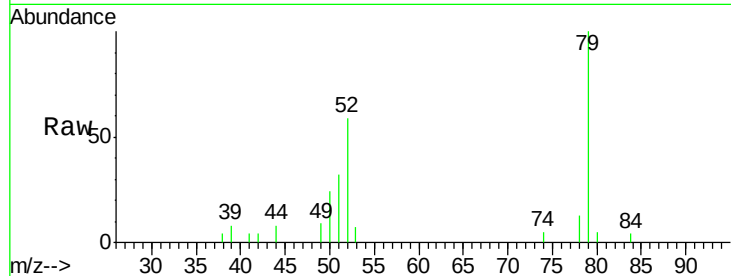
Tot Ion: 79 Resp: 22351

Ion Ratio Lower Upper

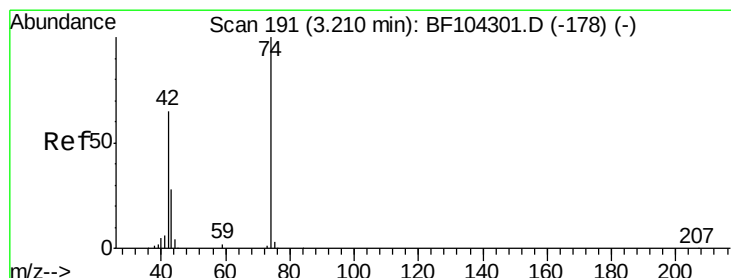
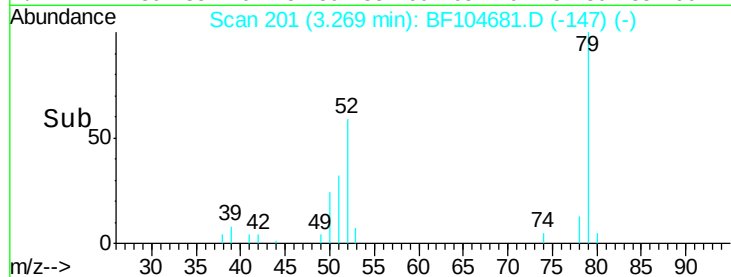
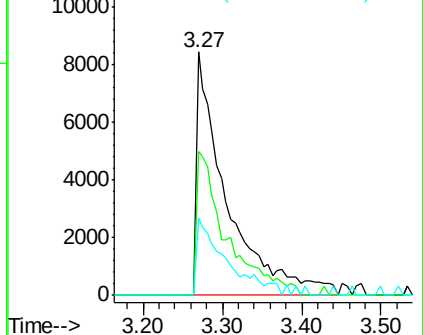
79 100

52 59.2 59.8 89.6#

51 31.6 29.8 44.8



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: 3.058 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.04 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

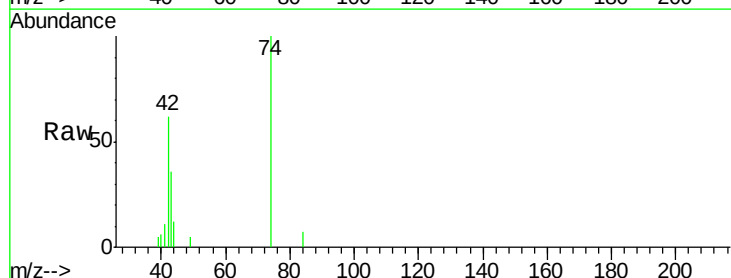
Tgt Ion: 42 Resp: 10355

Ion Ratio Lower Upper

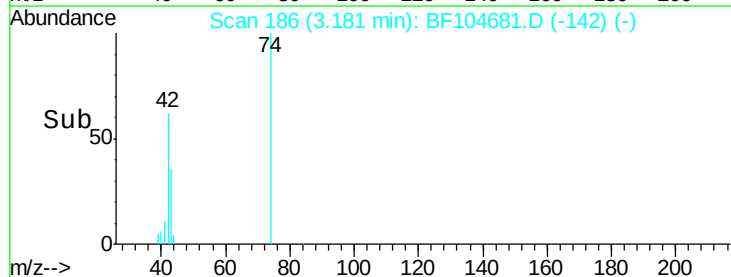
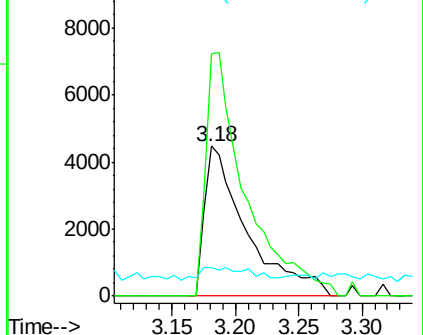
42 100

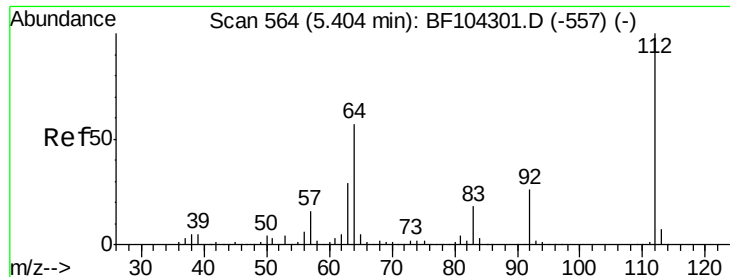
74 161.3 104.9 157.3#

44 19.2 6.9 10.3#



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

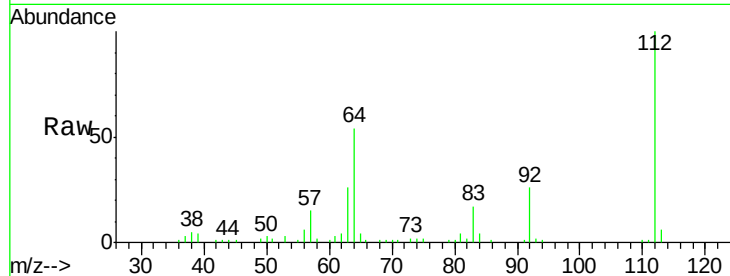




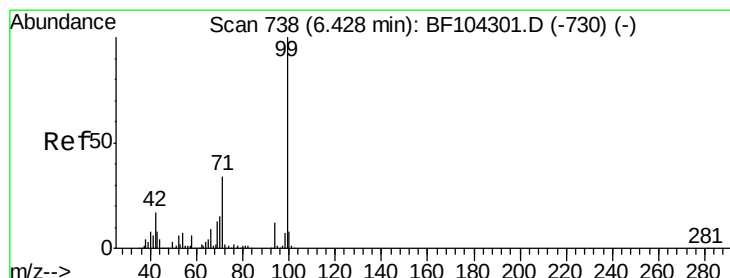
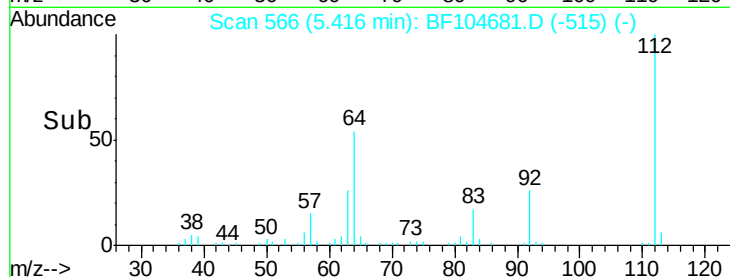
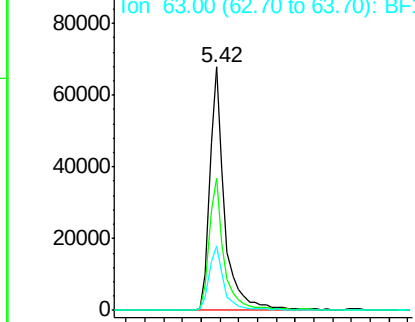
#5
 2-Fluorophenol
 Concen: 10.208 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01MSD

Tot Ion:	112	Resp:	75471
Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	26.5	23.7	35.5

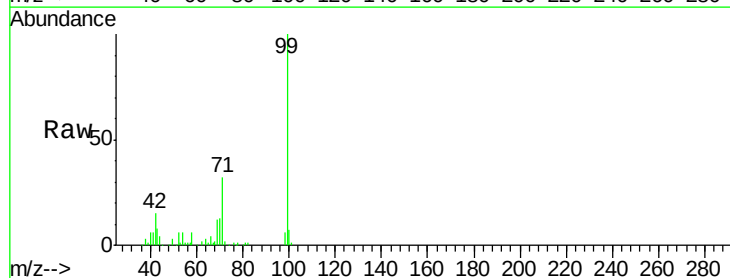


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

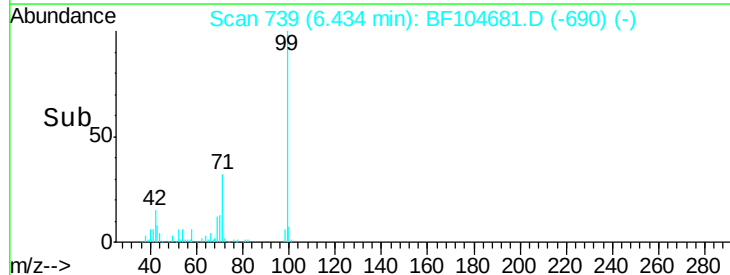
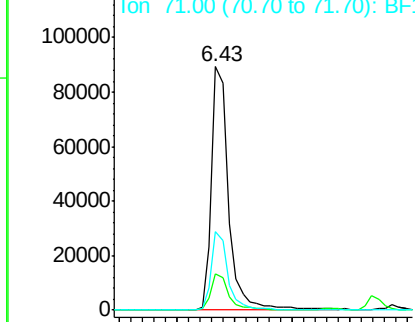


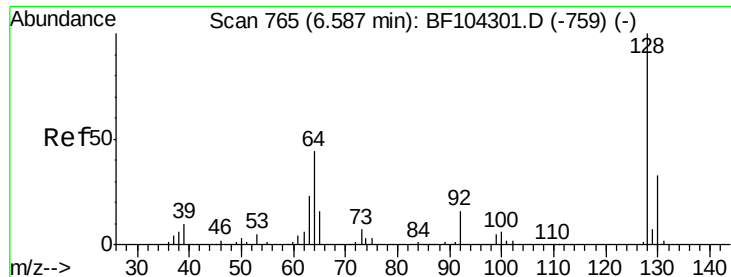
#7
 Phenol-d6
 Concen: 10.159 ng
 RT: 6.43 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Tgt Ion:	99	Resp:	92288
Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.5	21.7
71	32.3	25.4	38.0



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: 3.441 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01MSD

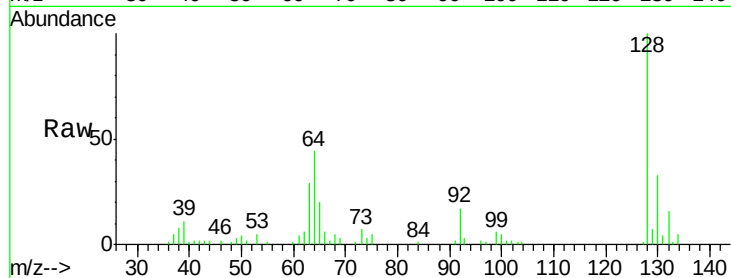
Tot Ion:128 Resp: 26851

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

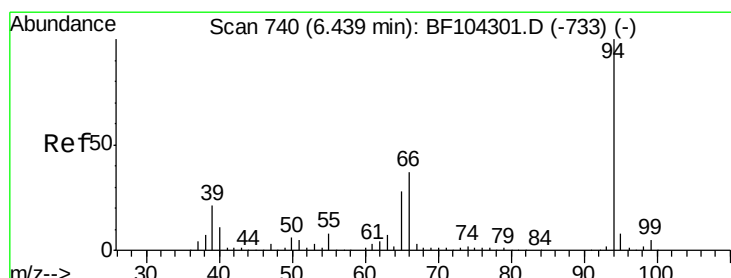
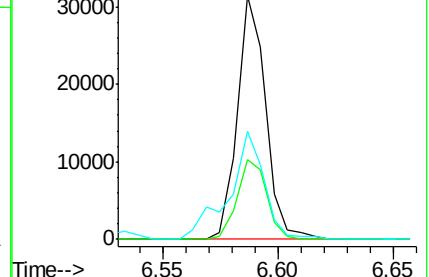
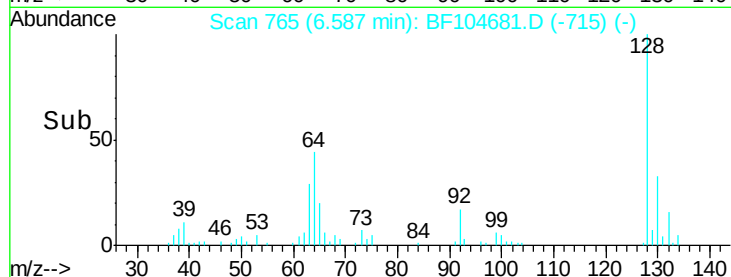
64 44.4 29.4 69.4



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



#10

Phenol

Concen: 3.615 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

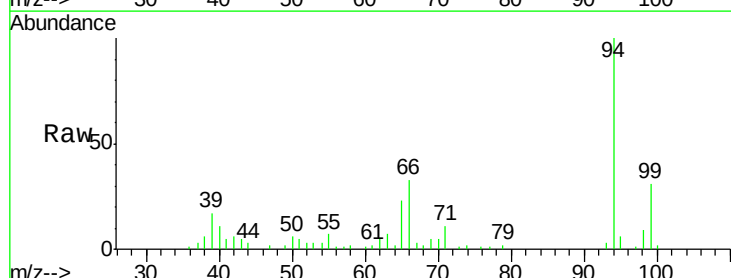
Tgt Ion: 94 Resp: 34843

Ion Ratio Lower Upper

94 100

65 23.0 7.9 47.9

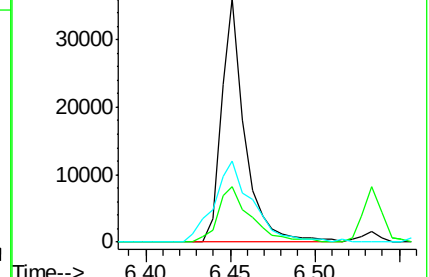
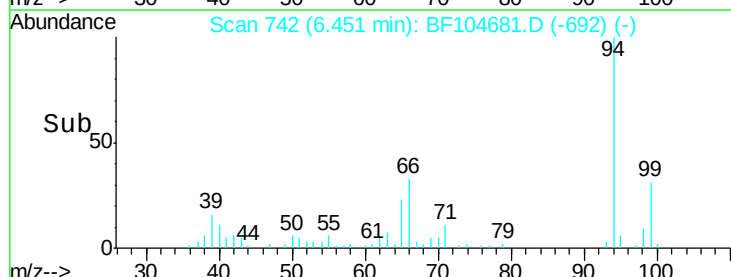
66 33.2 16.2 56.2

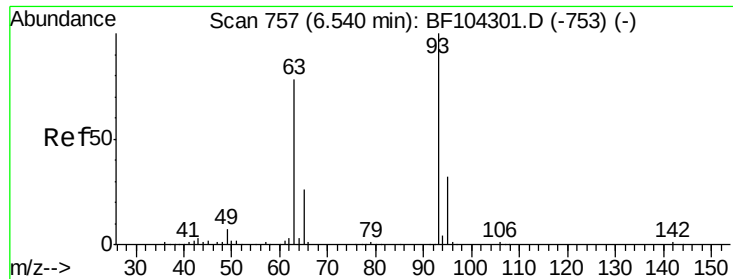


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

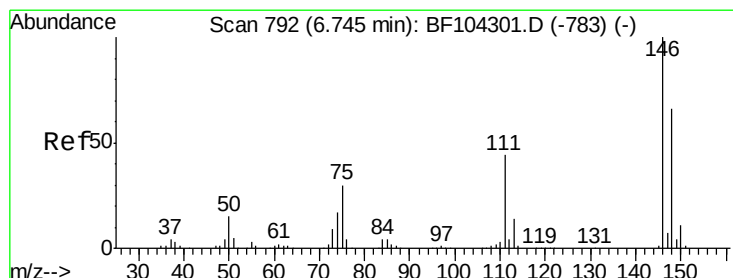
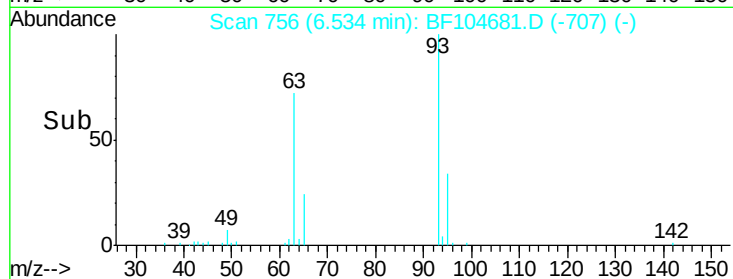
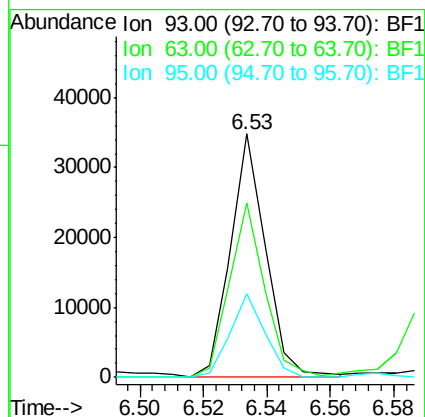
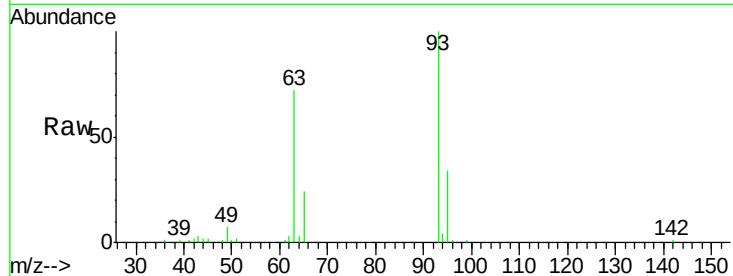




#11
 bis(2-Chloroethyl)ether
 Concen: 3.479 ng
 RT: 6.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

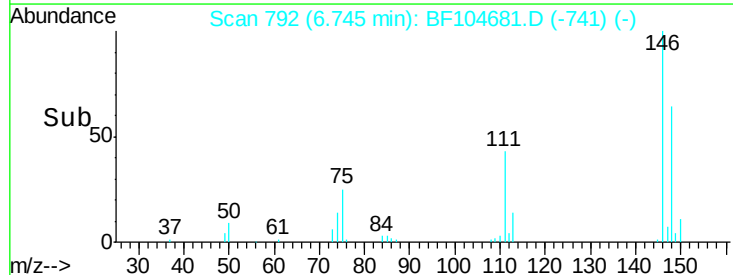
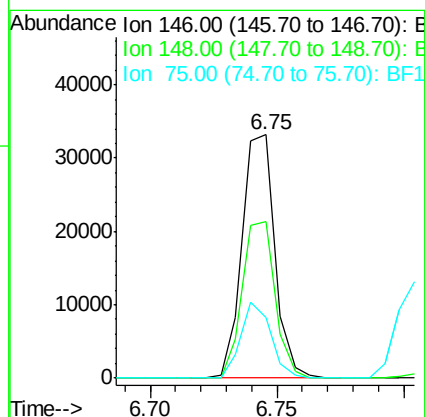
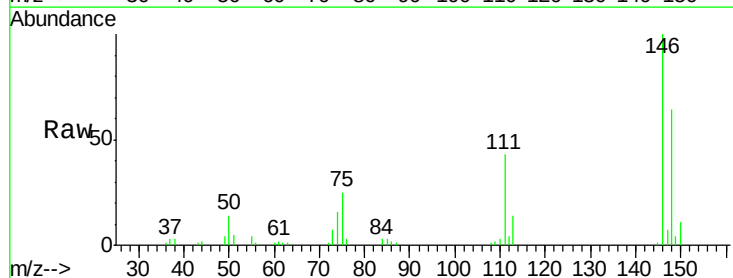
Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01MSD

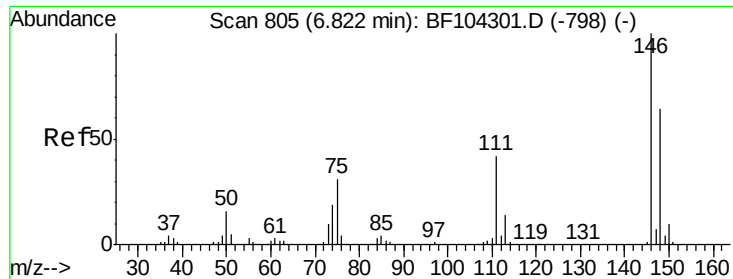
Tot Ion:	93	Resp:	26762
Ion	Ratio	Lower	Upper
93	100		
63	71.5	58.6	98.6
95	34.1	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 3.375 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Tgt Ion:	146	Resp:	29839
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	25.0	24.2	36.4

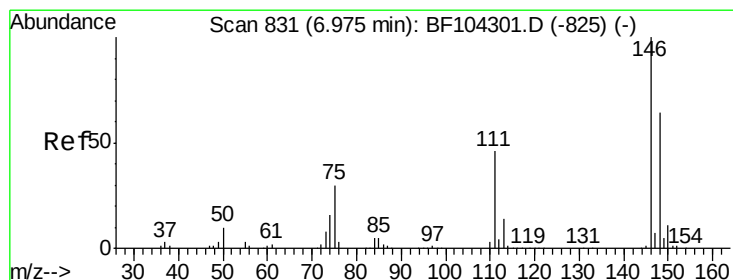
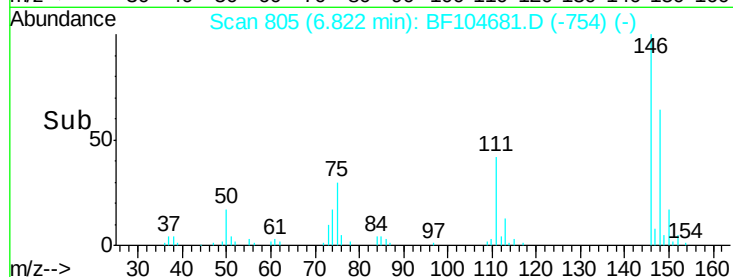
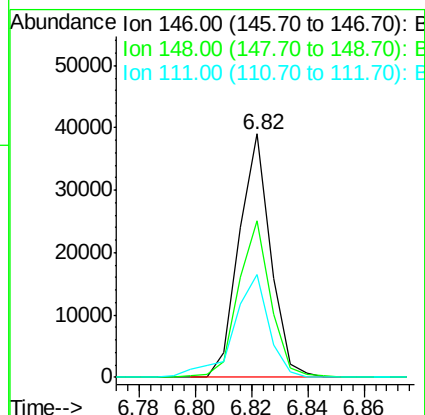
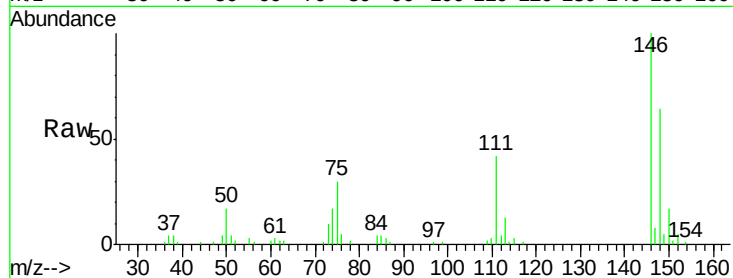




#13
 1,4-Dichlorobenzene
 Concen: 3.438 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

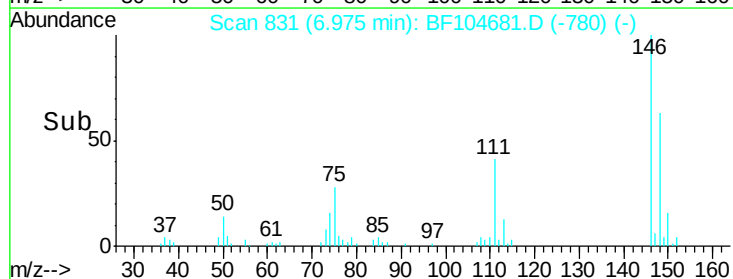
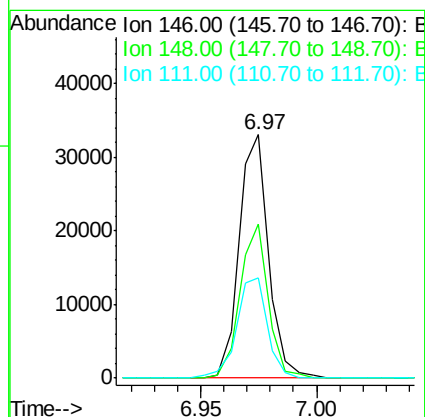
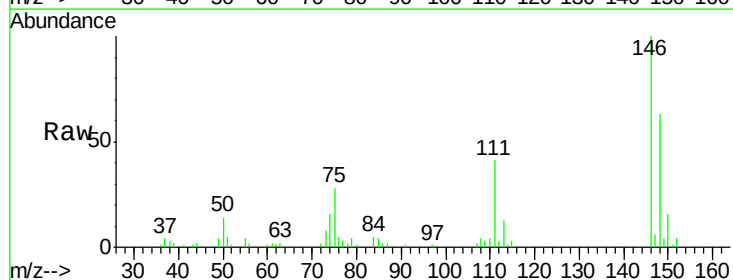
Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01MSD

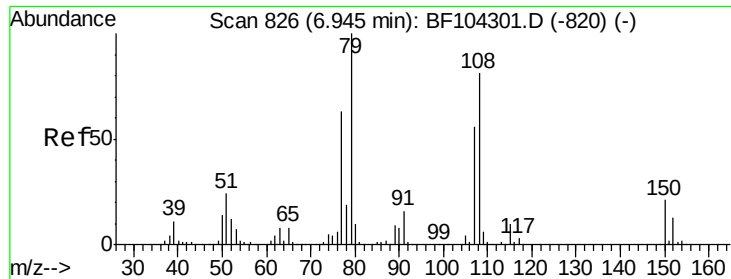
Tot Ion:146 Resp: 30293
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 42.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 3.585 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Tgt Ion:146 Resp: 29276
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 41.3 36.0 54.0

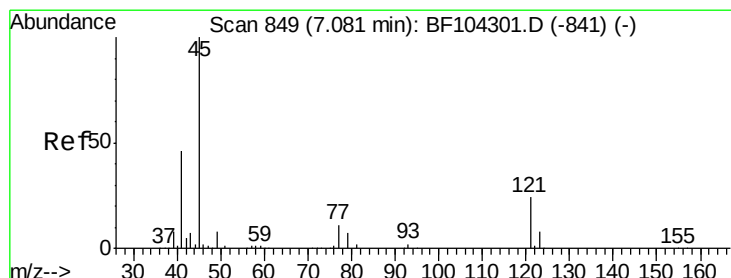
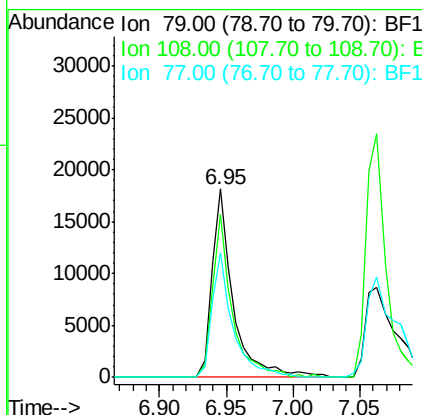
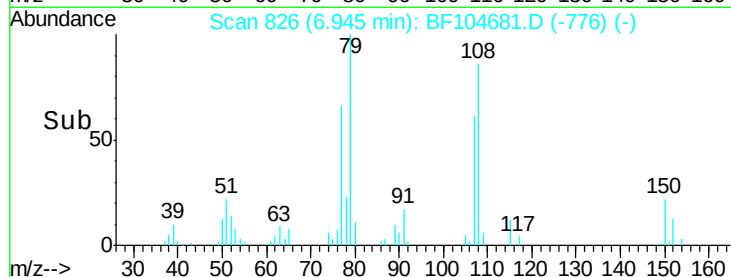
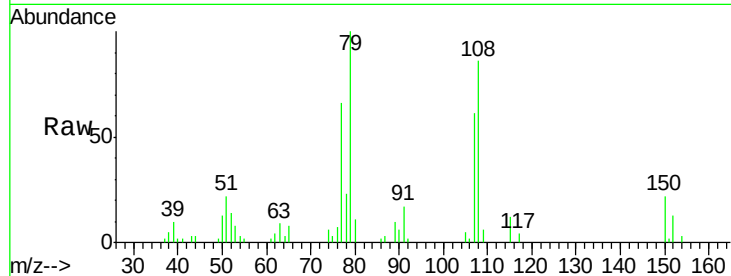




#15
Benzyl Alcohol
Concen: 2.933 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

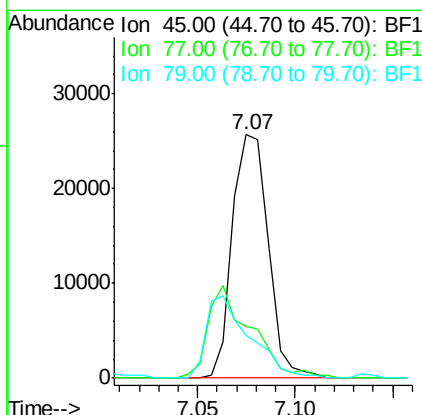
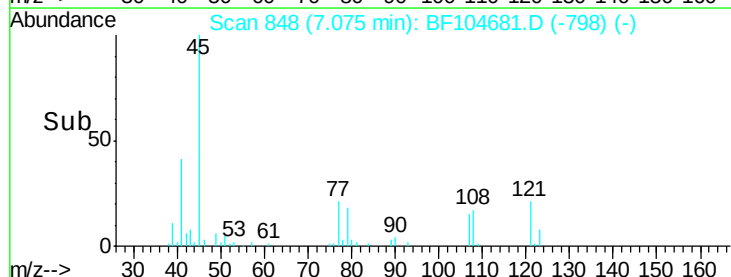
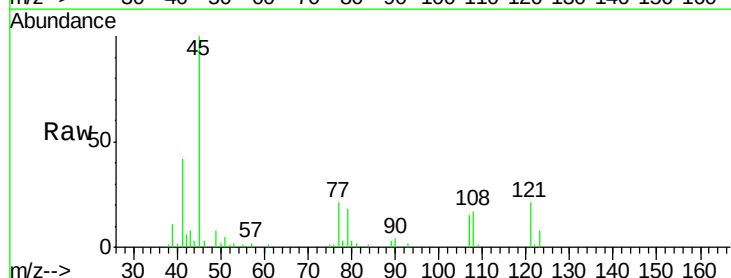
Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

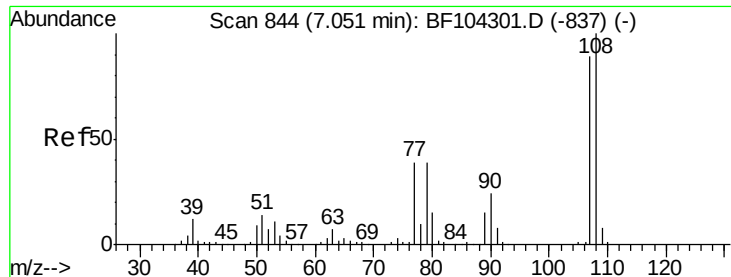
Tot Ion: 79 Resp: 20235
Ion Ratio Lower Upper
79 100
108 86.3 65.1 97.7
77 66.2 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.180 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion: 45 Resp: 32848
Ion Ratio Lower Upper
45 100
77 21.2 0.0 32.9
79 17.6 0.0 29.6





#17

2-Methylphenol

Concen: 3.151 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01MSD

Tot Ion:107 Resp: 21375

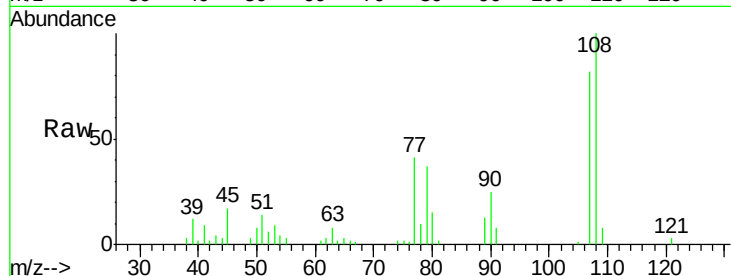
Ion Ratio Lower Upper

107 100

108 121.7 91.7 137.5

77 50.4 33.8 50.8

79 44.8 33.8 50.8

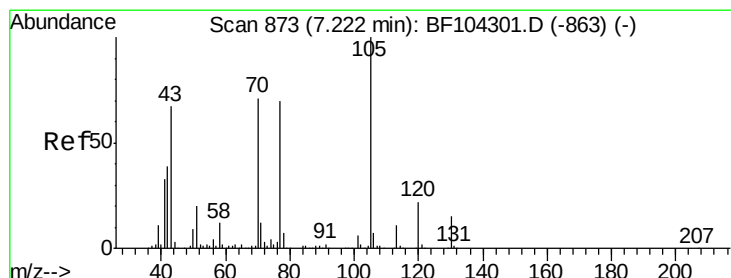
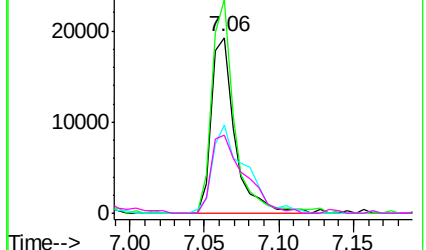
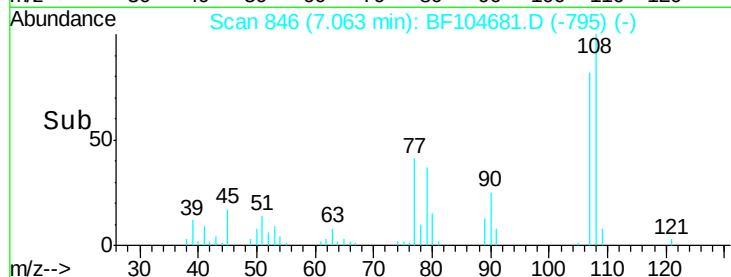


Abundance Ion 107.00 (106.70 to 107.70): E

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



#19

n-Nitroso-di-n-propylamine

Concen: 3.164 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Tgt Ion: 70 Resp: 18784

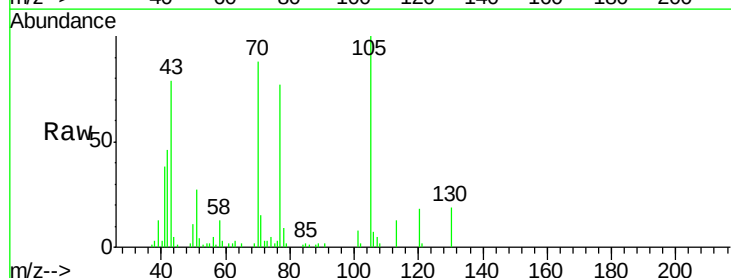
Ion Ratio Lower Upper

70 100

42 52.2 47.5 71.3

101 8.8 7.4 11.2

130 22.0 16.6 25.0

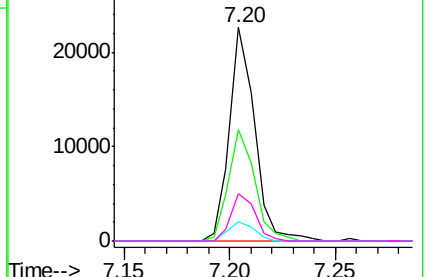
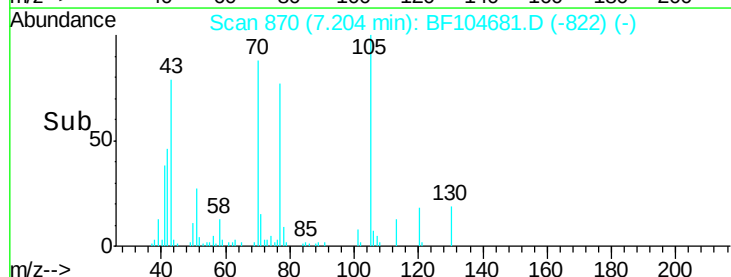


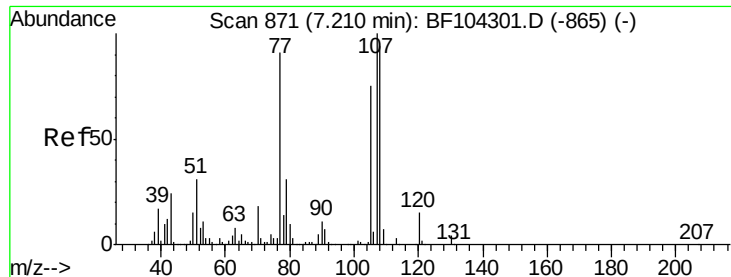
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

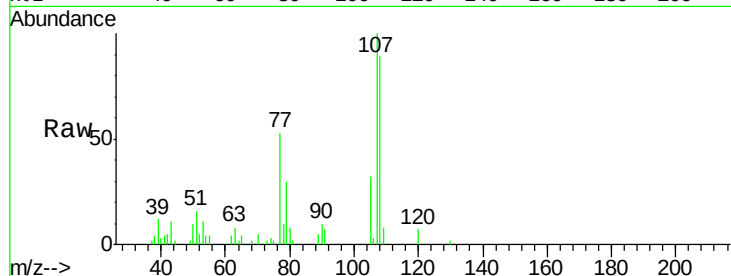




#20
3+4-Methylphenols
Concen: 3.357 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tot Ion:107	Resp:	28238
Ion Ratio	Lower	Upper
107 100		
108 88.9	68.2	108.2
77 53.3	26.7	66.7
79 30.4	6.3	46.3



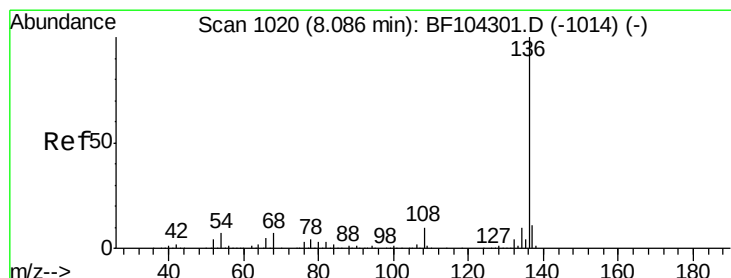
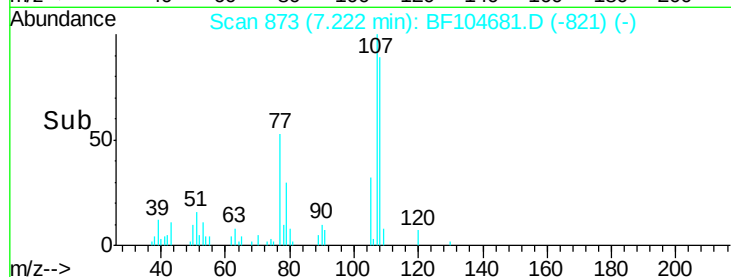
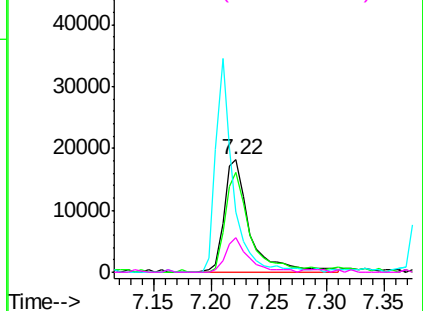
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

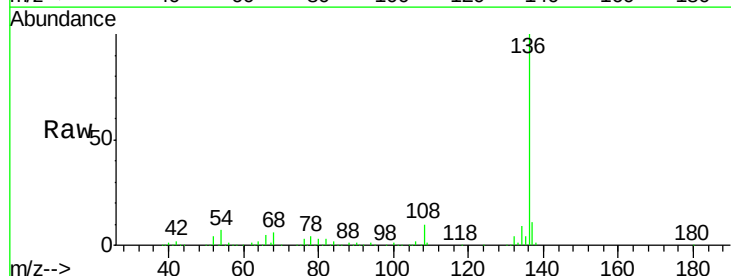
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:136	Resp:	424748
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 7.0	6.6	9.8
68 6.2	5.0	7.4



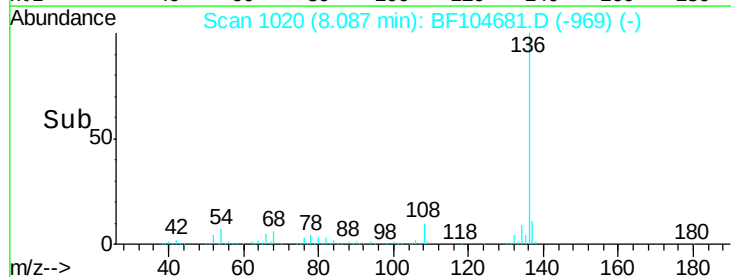
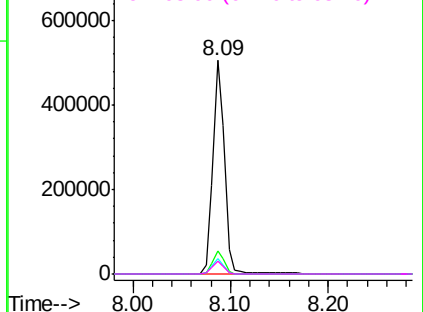
Abundance

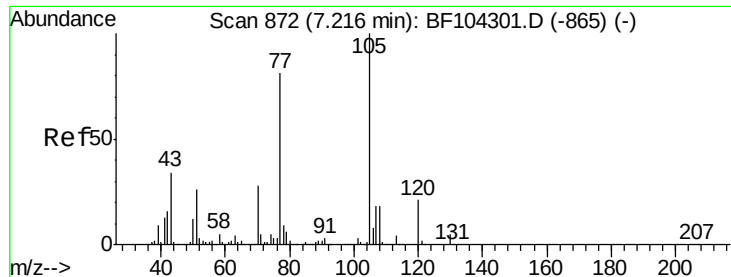
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

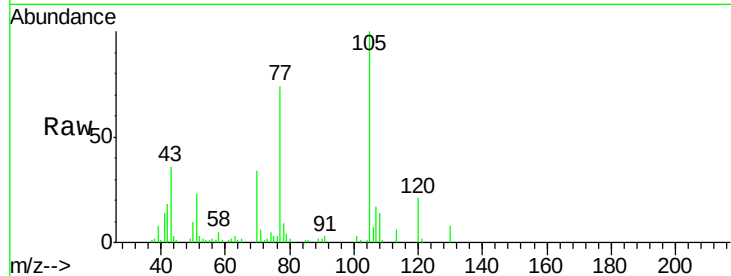




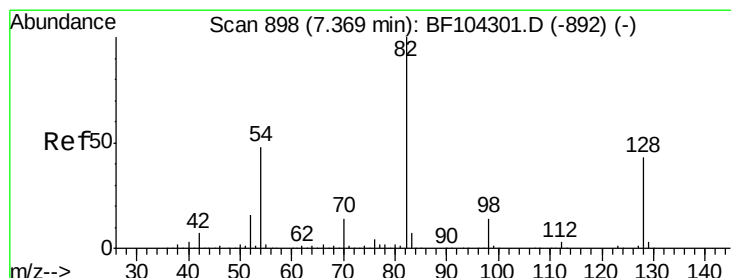
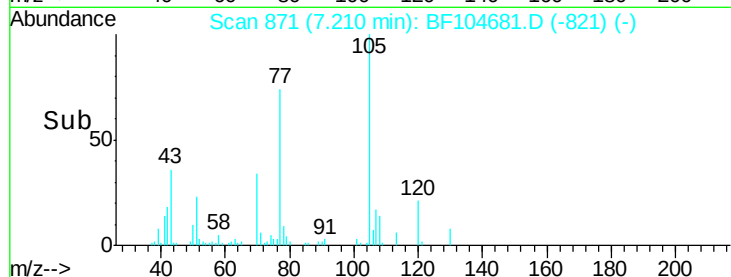
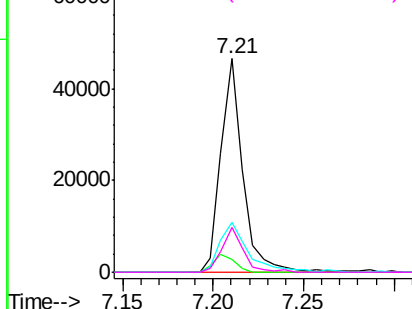
#22
Acetophenone
Concen: 3.759 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tot Ion:105 Resp: 39312
Ion Ratio Lower Upper
105 100
71 5.7 4.4 6.6
51 23.3 22.3 33.5
120 21.0 16.9 25.3

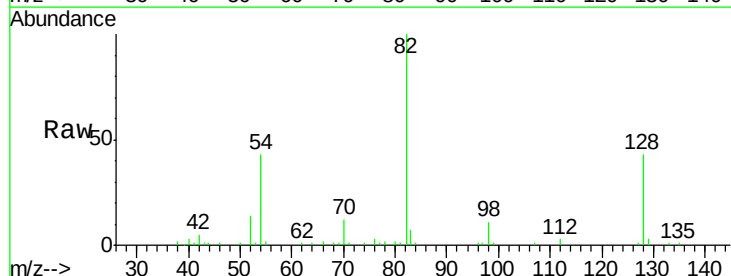


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

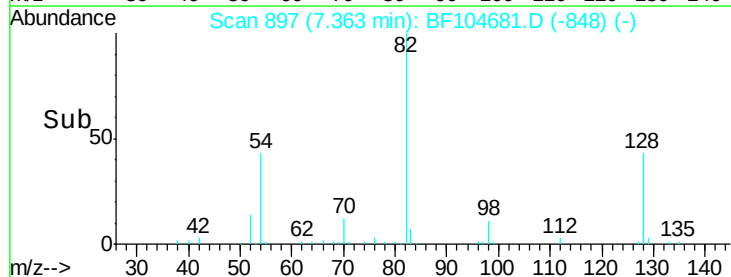
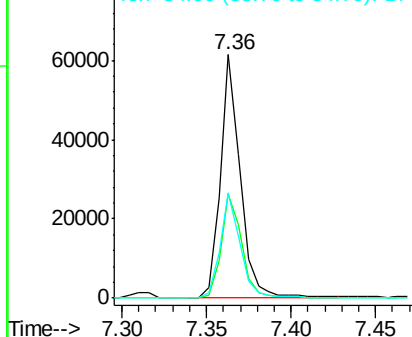


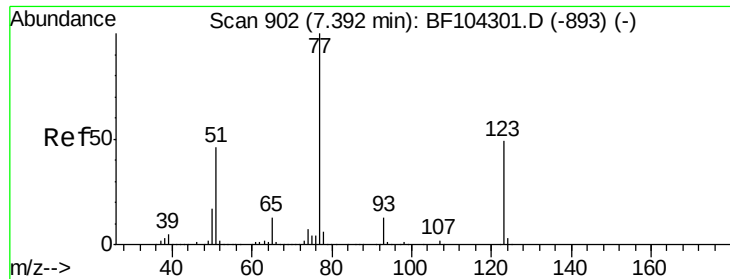
#23
Nitrobenzene-d5
Concen: 7.813 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion: 82 Resp: 50819
Ion Ratio Lower Upper
82 100
128 42.7 36.1 54.1
54 43.0 41.4 62.2



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

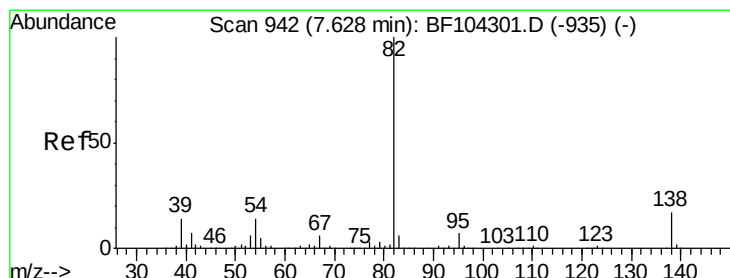
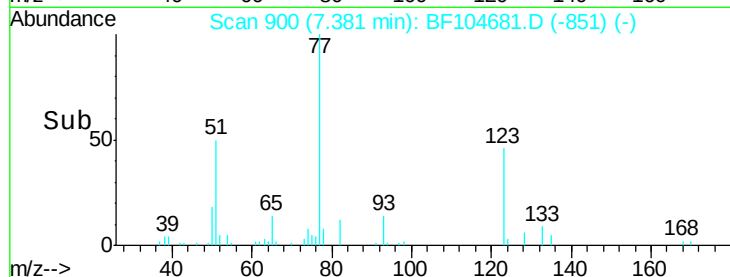
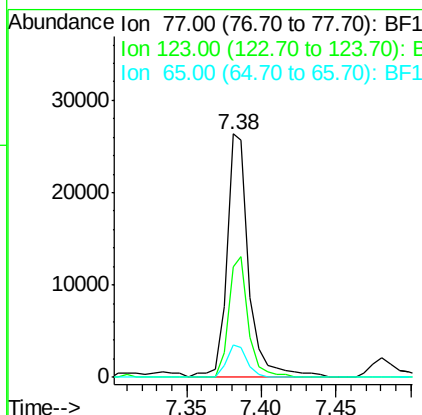
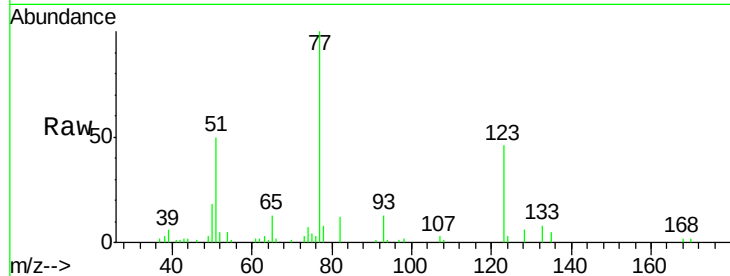




#24
 Nitrobenzene
 Concen: 3.839 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

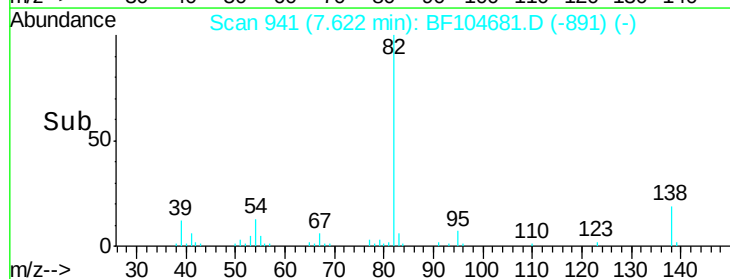
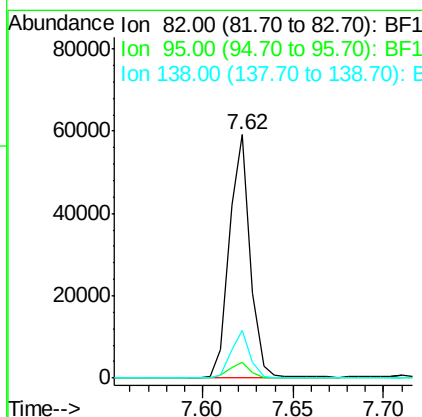
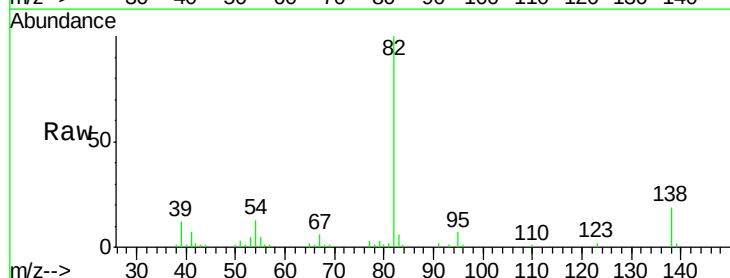
Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01MSD

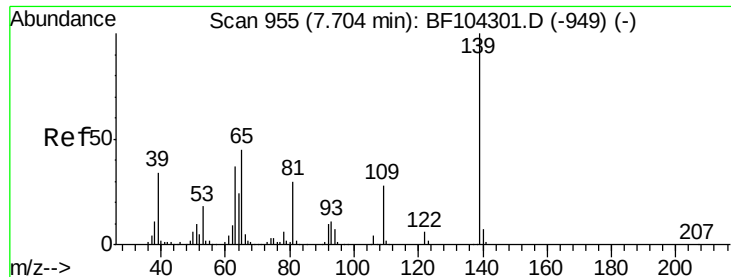
Tot Ion: 77 Resp: 27572
 Ion Ratio Lower Upper
 77 100
 123 45.5 37.9 56.9
 65 13.4 11.0 16.4



#25
 Isophorone
 Concen: 3.465 ng
 RT: 7.62 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Tgt Ion: 82 Resp: 47668
 Ion Ratio Lower Upper
 82 100
 95 6.6 5.2 7.8
 138 19.5 14.9 22.3

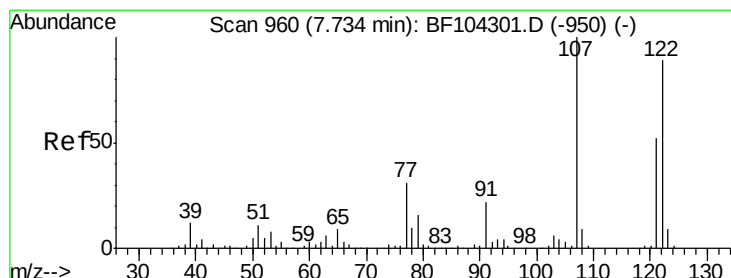
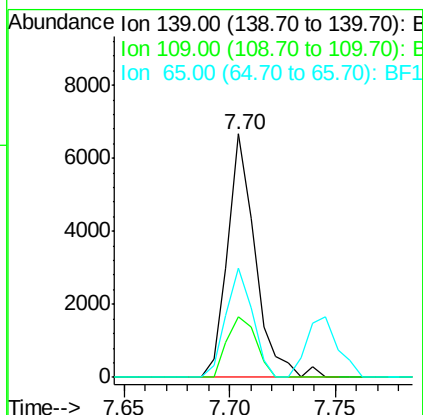
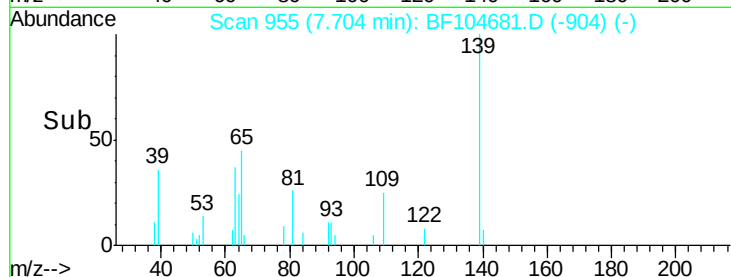
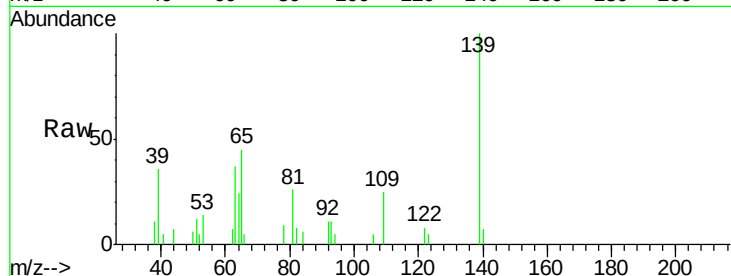




#26
2-Nitrophenol
Concen: 2.069 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

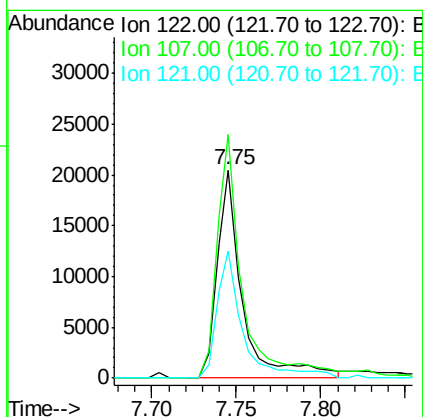
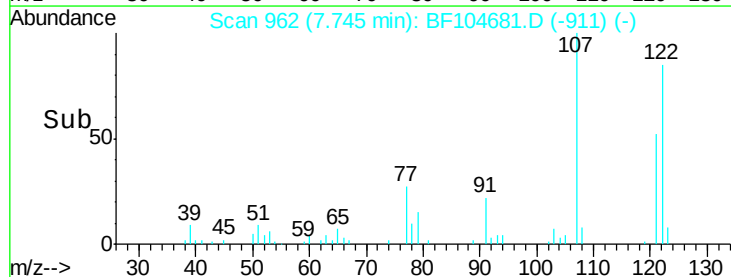
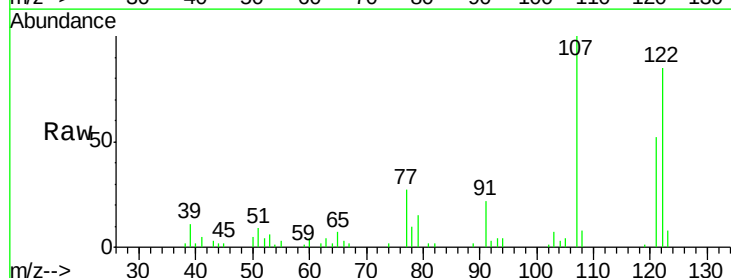
Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

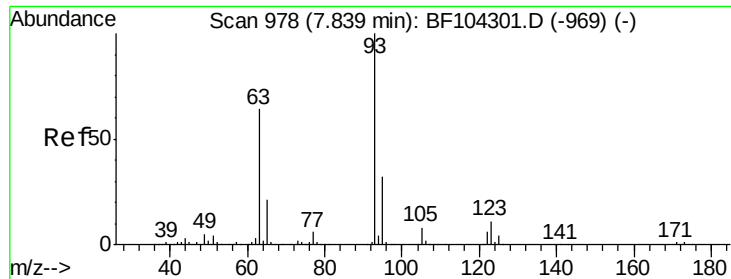
Tot Ion:139 Resp: 6048
Ion Ratio Lower Upper
139 100
109 25.1 22.7 34.1
65 45.1 40.5 60.7



#27
2,4-Dimethylphenol
Concen: 3.539 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:122 Resp: 21482
Ion Ratio Lower Upper
122 100
107 117.0 91.2 136.8
121 60.9 47.2 70.8

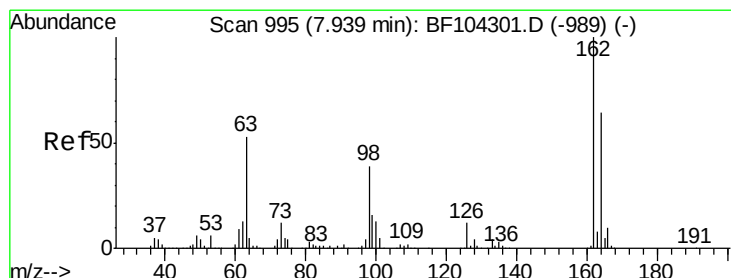
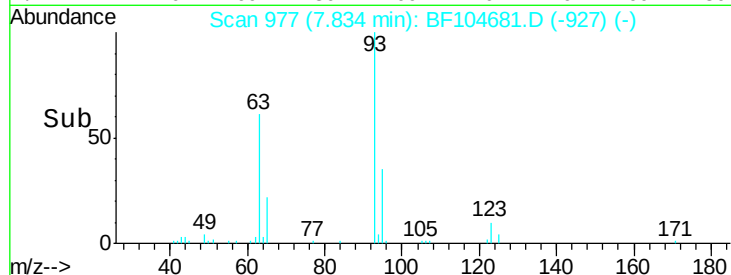
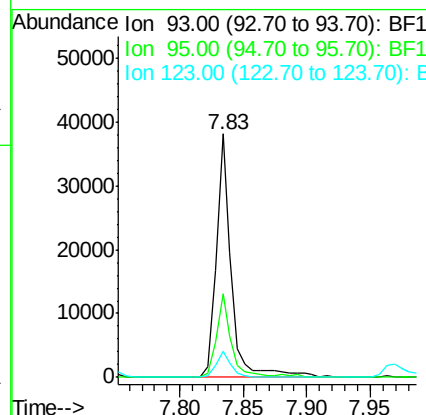
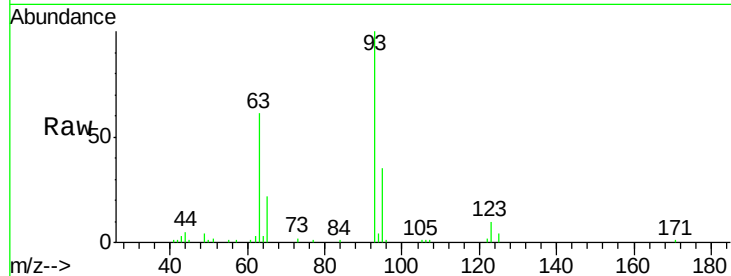




#28
bis(2-Chloroethoxy)methane
Concen: 3.806 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

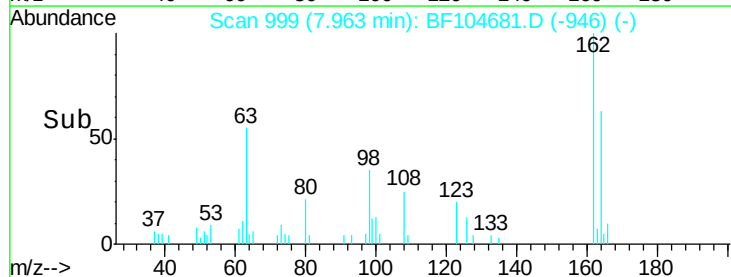
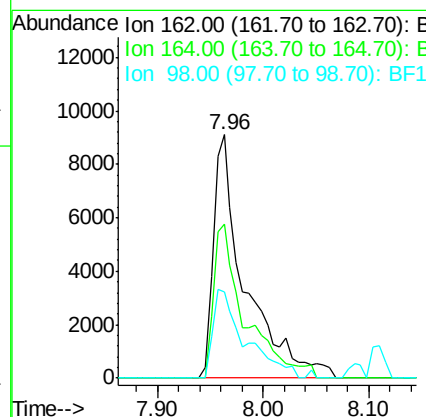
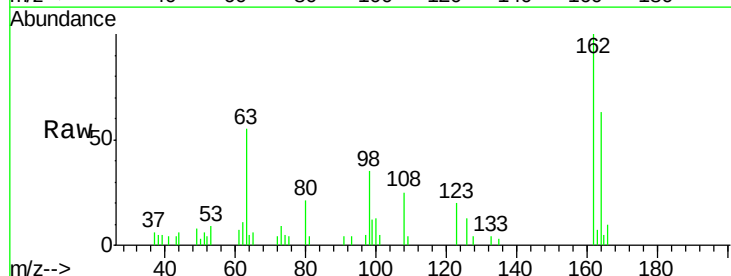
Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

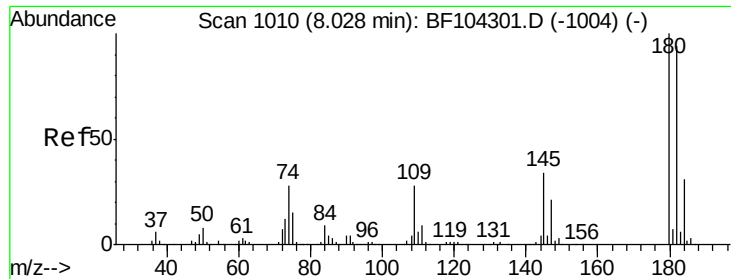
Tot Ion: 93 Resp: 32006
Ion Ratio Lower Upper
93 100
95 34.5 26.3 39.5
123 10.5 9.8 14.6



#29
2,4-Dichlorophenol
Concen: 3.272 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion: 162 Resp: 18950
Ion Ratio Lower Upper
162 100
164 63.3 42.7 82.7
98 35.4 18.1 58.1

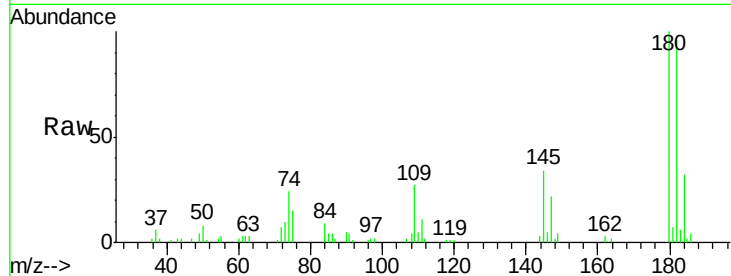




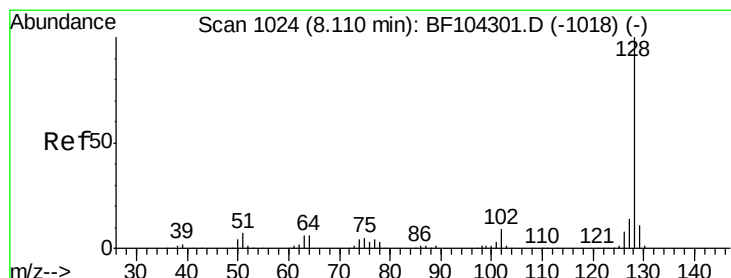
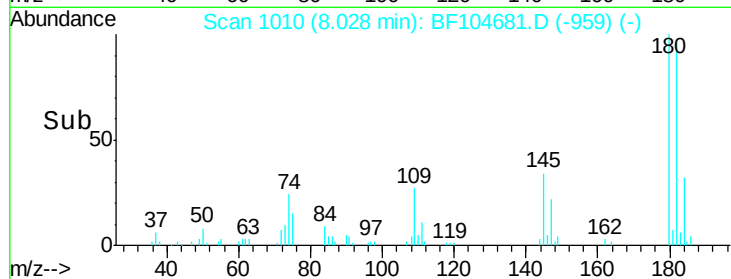
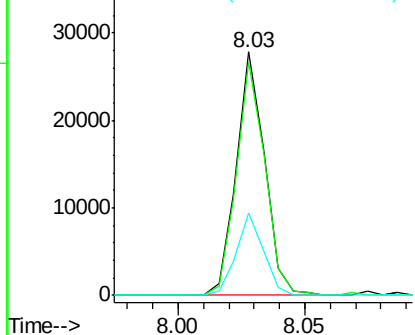
#30
 1,2,4-Trichlorobenzene
 Concen: 3.394 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01MSD

Tot Ion:180 Resp: 21578
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.8 115.2
 145 33.6 26.5 39.7

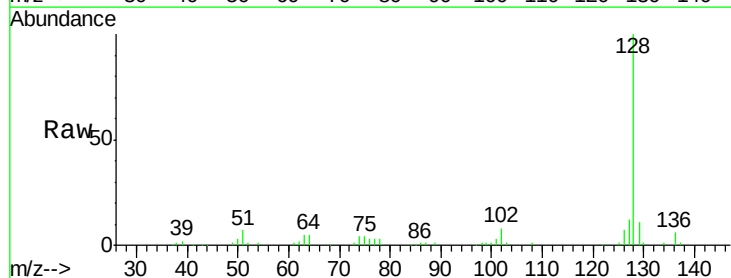


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

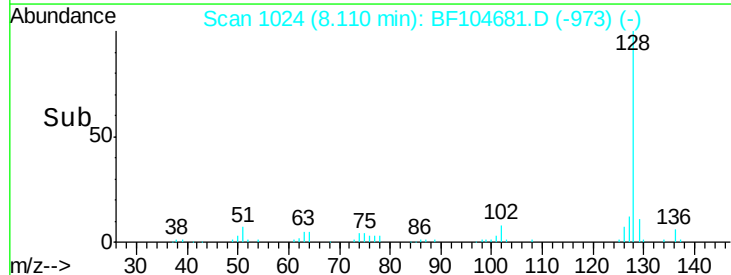
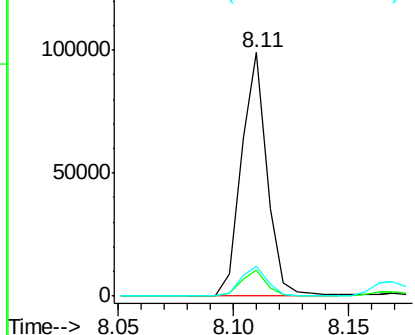


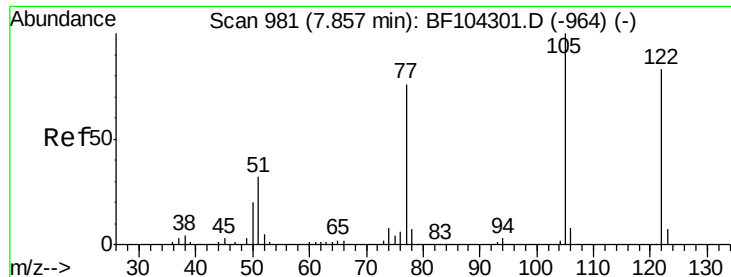
#31
 Naphthalene
 Concen: 3.638 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Tgt Ion:128 Resp: 76943
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.8 13.2
 127 12.4 10.9 16.3



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: 4.435 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.14 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01MSD

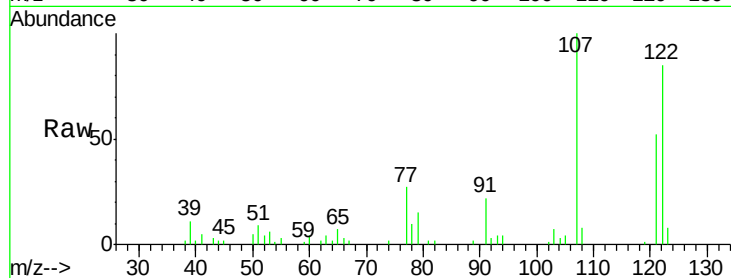
Tot Ion:122 Resp: 21482

Ion Ratio Lower Upper

122 100

105 4.2 101.1 141.1#

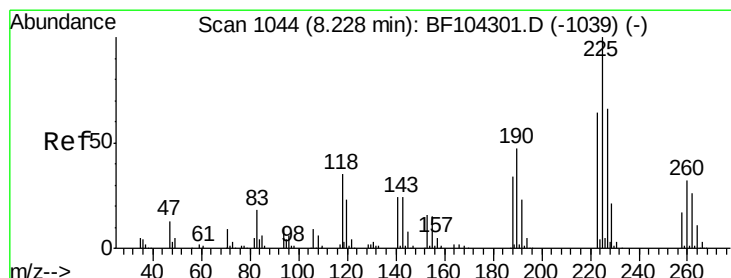
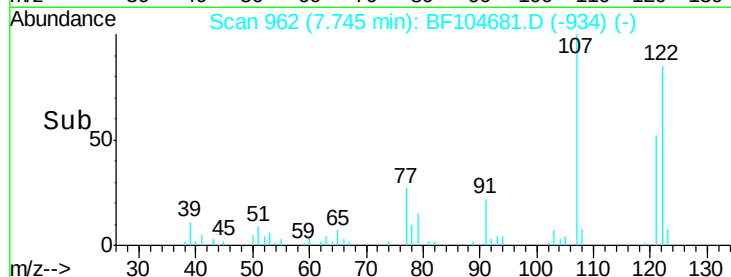
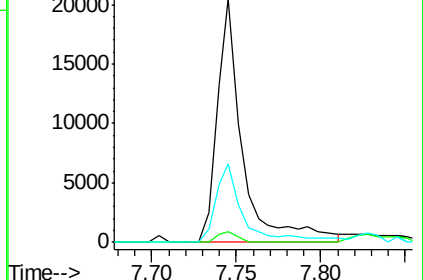
77 32.0 70.7 110.7#



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



#34

Hexachlorobutadiene

Concen: 3.516 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

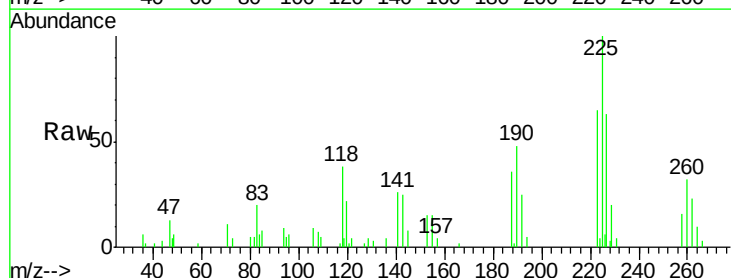
Tgt Ion:225 Resp: 12242

Ion Ratio Lower Upper

225 100

223 64.8 50.6 76.0

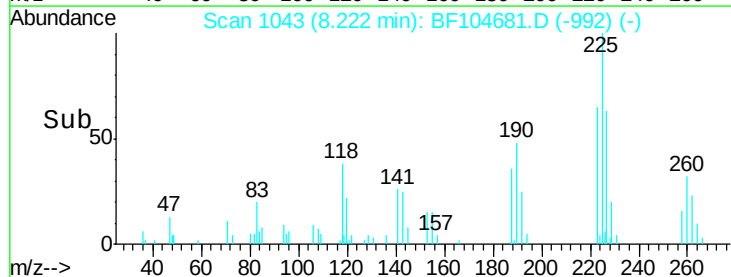
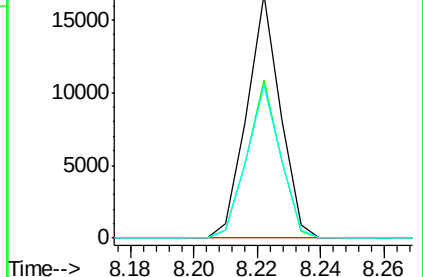
227 62.9 51.9 77.9

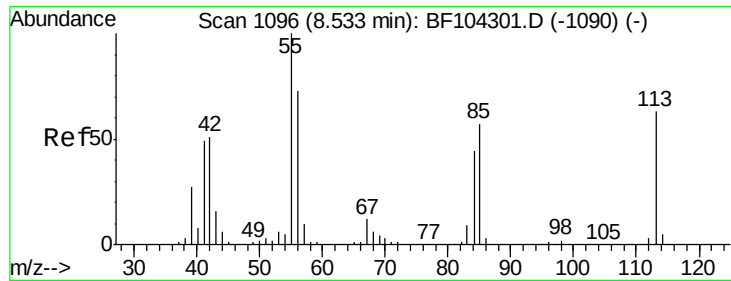


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

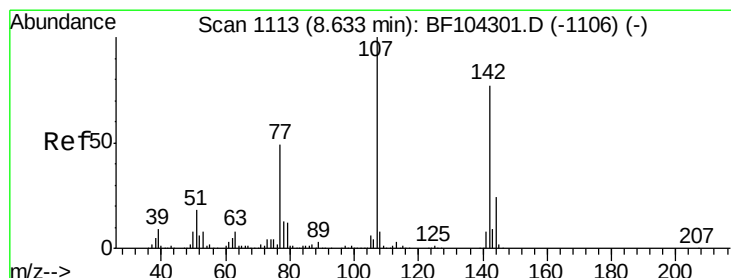
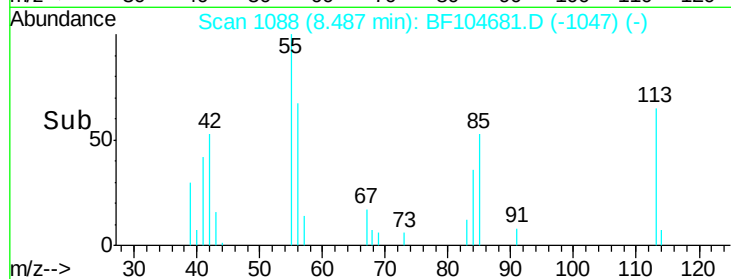
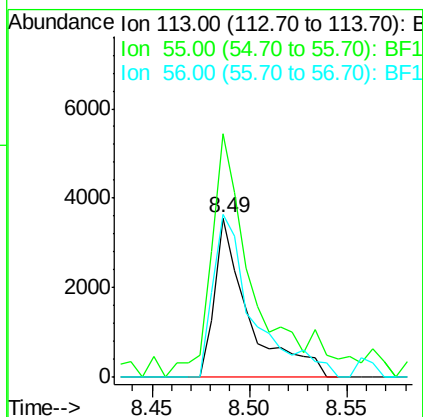
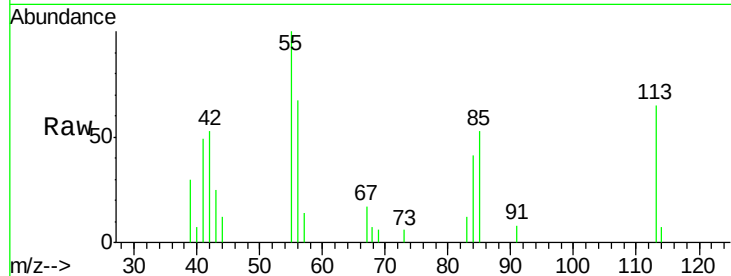




#35
 Caprolactam
 Concen: 2.136 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.06 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

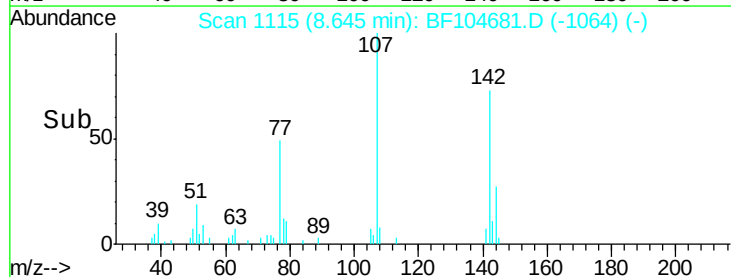
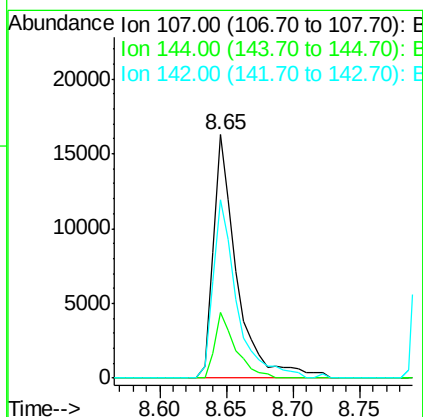
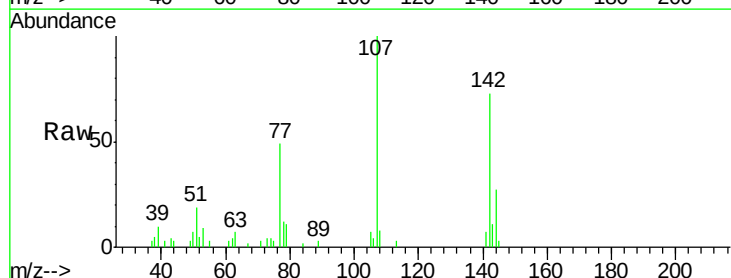
Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01MSD

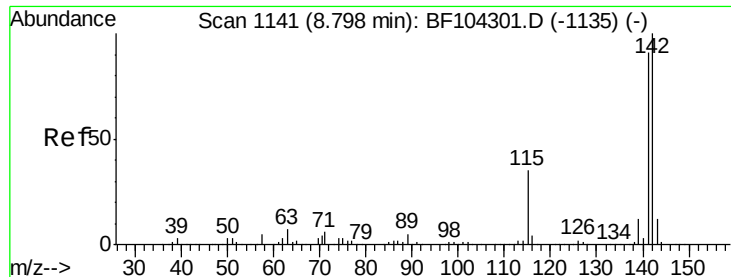
Tot Ion:113 Resp: 4316
 Ion Ratio Lower Upper
 113 100
 55 153.0 163.3 203.3#
 56 102.2 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 3.242 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Tgt Ion:107 Resp: 20136
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.5 30.7
 142 73.2 62.0 93.0

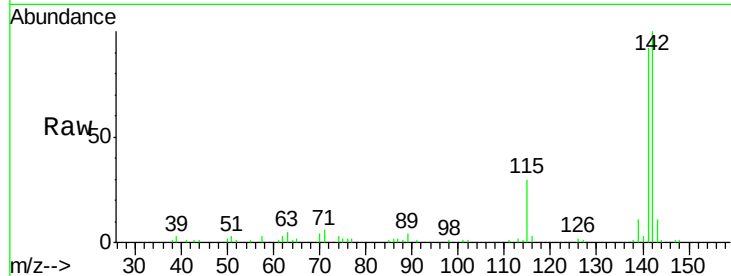




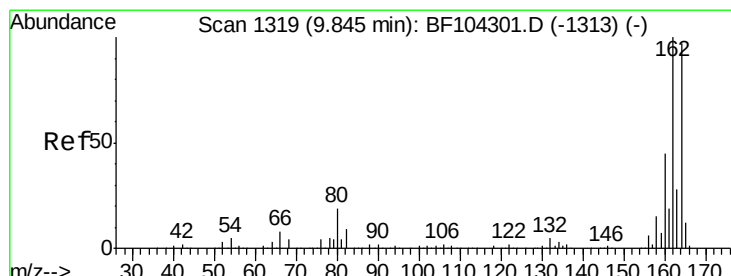
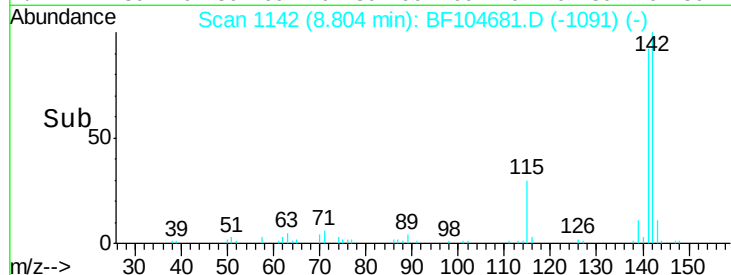
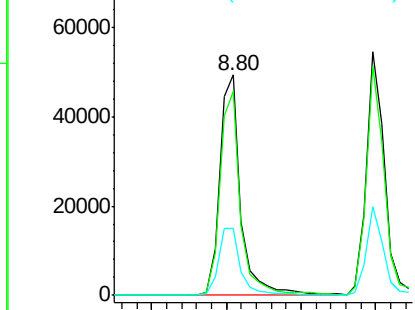
#37
 2-Methylnaphthalene
 Concen: 3.554 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01MSD

Tot Ion:142 Resp: 48624
 Ion Ratio Lower Upper
 142 100
 141 92.3 70.8 106.2
 115 30.3 26.1 39.1

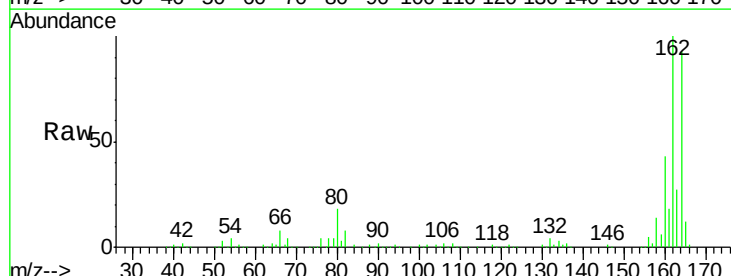


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

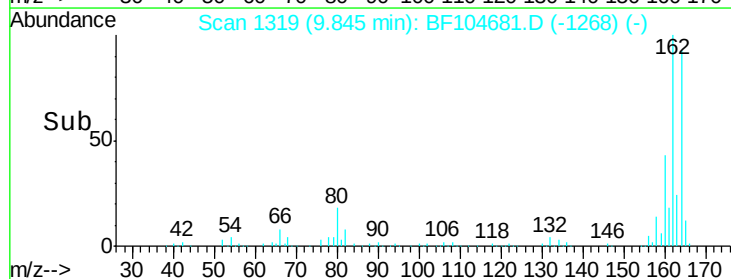
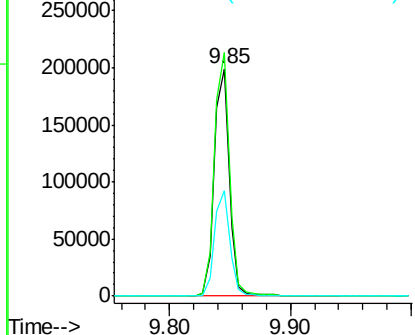


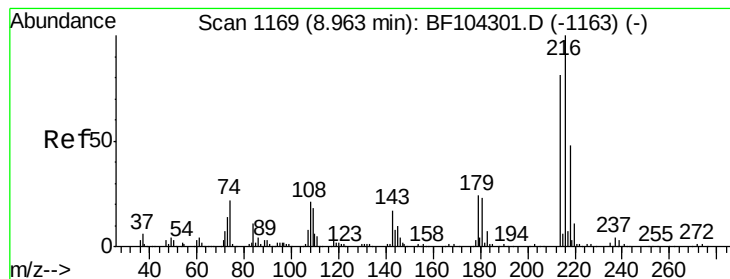
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Tgt Ion:164 Resp: 169990
 Ion Ratio Lower Upper
 164 100
 162 107.1 86.1 129.1
 160 46.3 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.062 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01MSD

Tot Ion:216 Resp: 19764

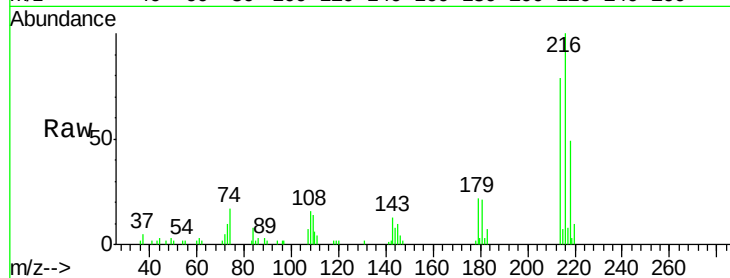
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 21.6 18.1 27.1

108 17.8 17.2 25.8

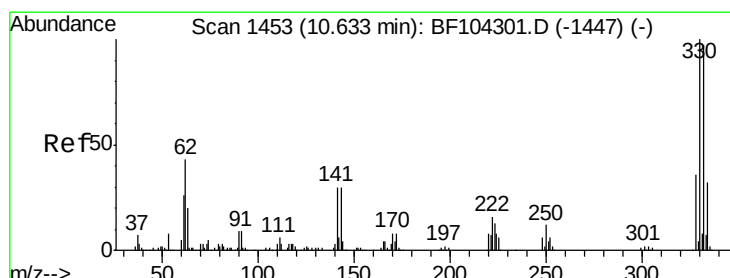
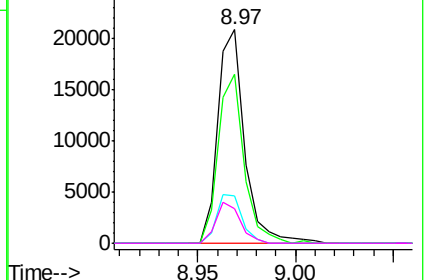
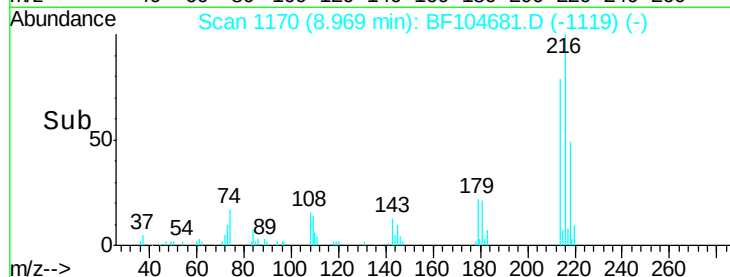


Abundance Ion 216.00 (215.70 to 216.70): E

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

2,4,6-Tribromophenol

Concen: 9.552 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

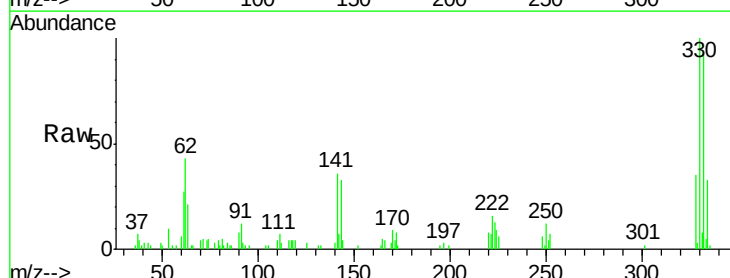
Tgt Ion:330 Resp: 16843

Ion Ratio Lower Upper

330 100

332 93.2 77.0 115.6

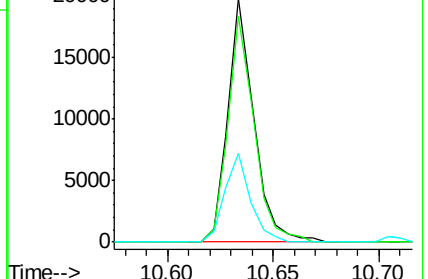
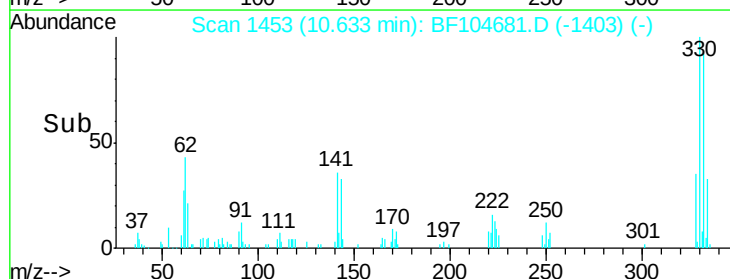
141 35.6 29.9 44.9

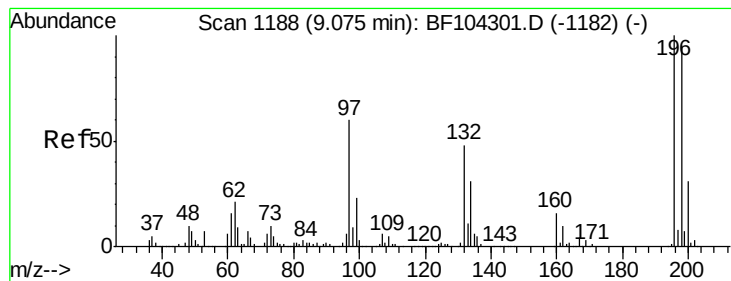


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 3.336 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01MSD

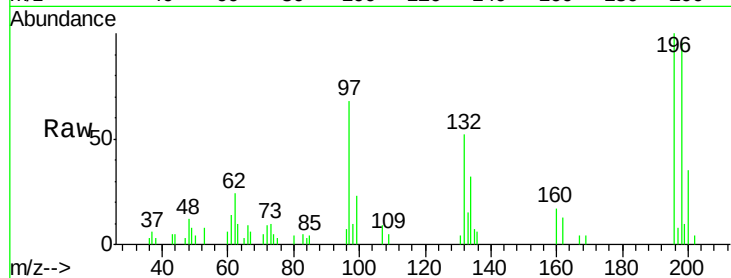
Tot Ion:196 Resp: 11270

Ion Ratio Lower Upper

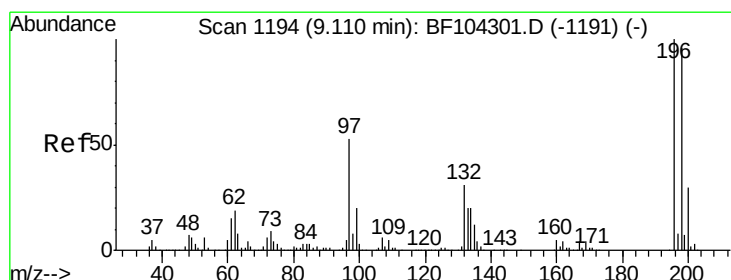
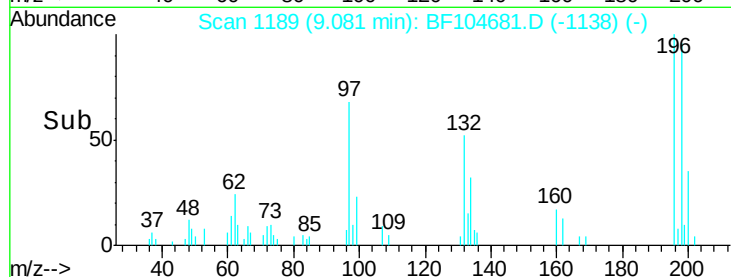
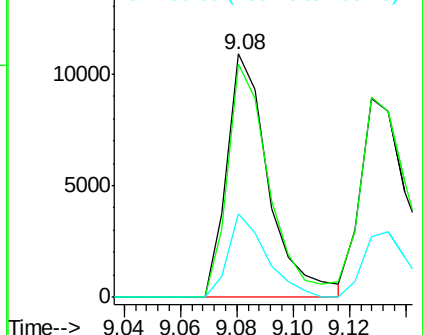
196 100

198 95.9 75.7 113.5

200 34.5 24.5 36.7



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



#43

2,4,5-Trichlorophenol

Concen: 3.098 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Tgt Ion:196 Resp: 11710

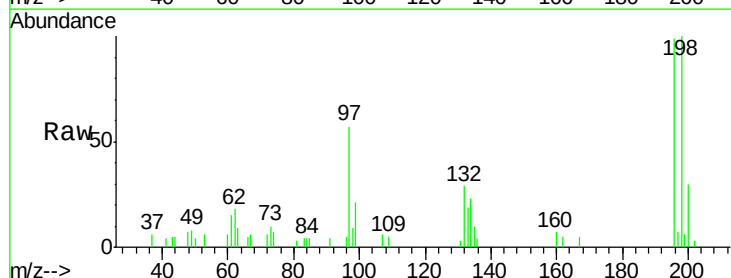
Ion Ratio Lower Upper

196 100

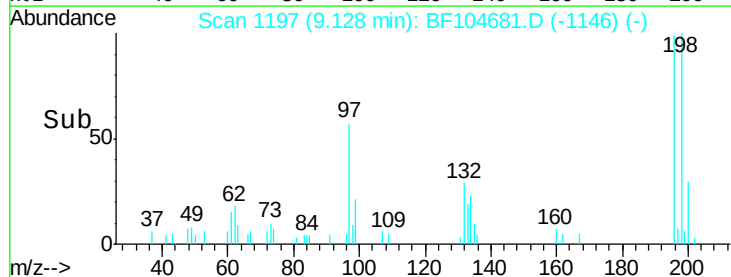
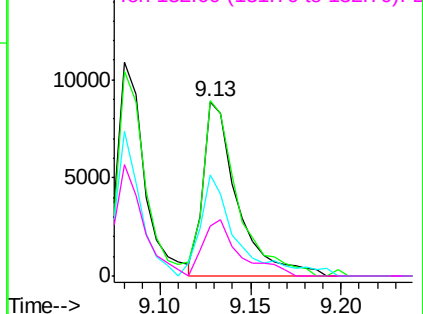
198 100.7 74.6 112.0

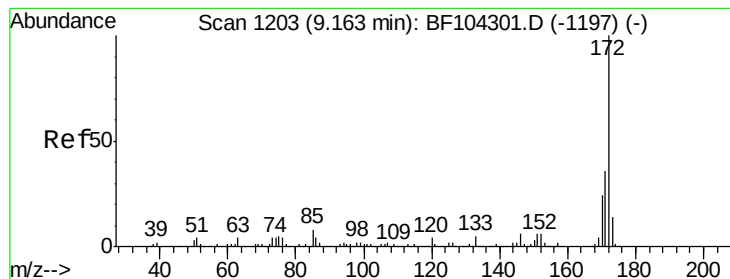
97 57.8 42.9 64.3

132 28.9 26.3 39.5



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





#44

2-Fluorobiphenyl

Concen: 9.255 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01MSD

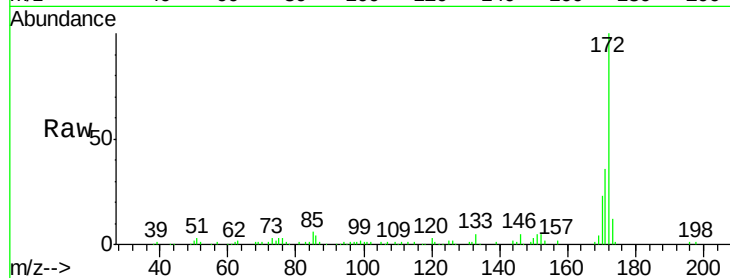
Tot Ion:172 Resp: 99590

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

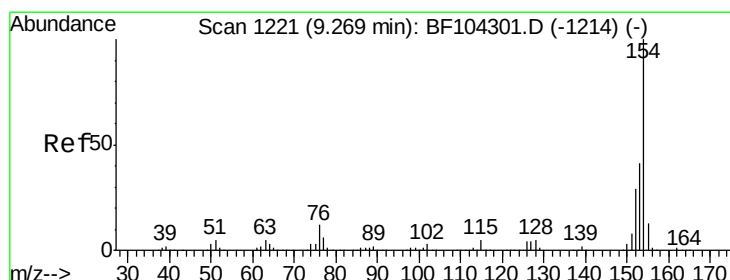
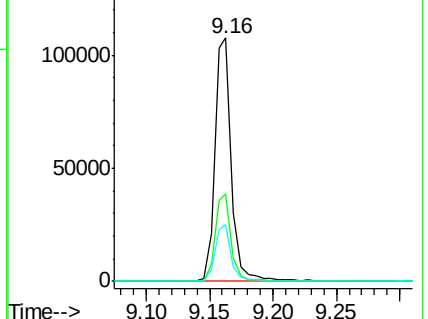
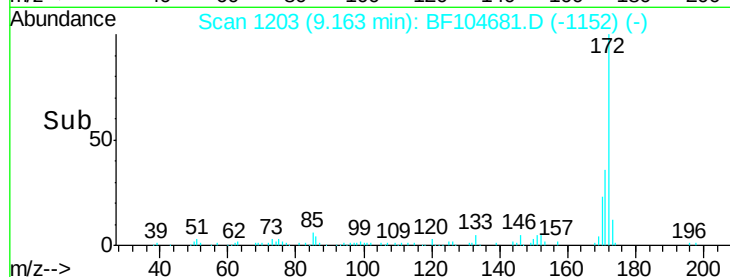
170 23.4 19.6 29.4



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



#45

1,1'-Biphenyl

Concen: 3.968 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

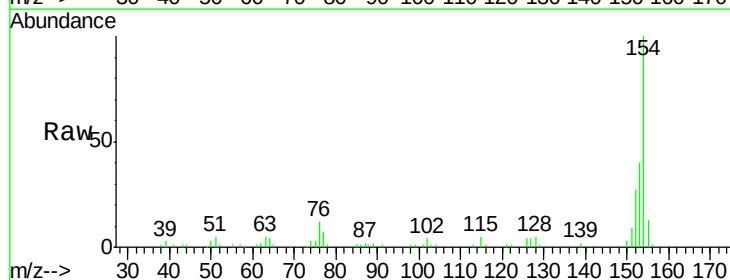
Tgt Ion:154 Resp: 56670

Ion Ratio Lower Upper

154 100

153 39.6 21.3 61.3

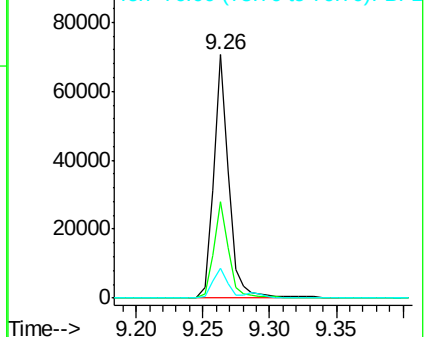
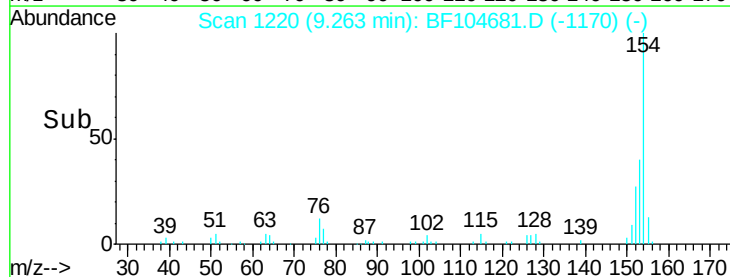
76 12.4 0.0 34.0

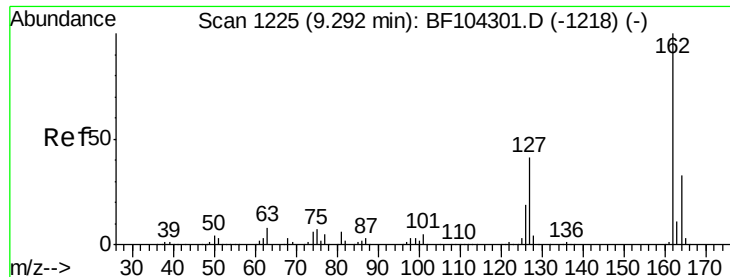


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

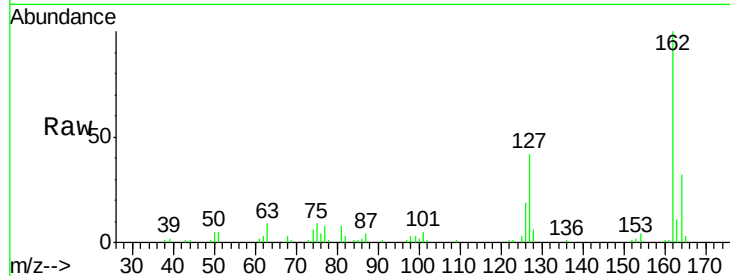




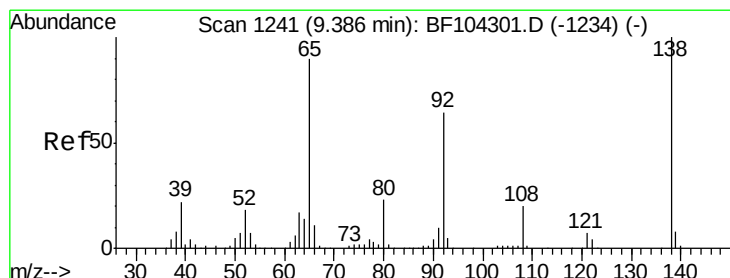
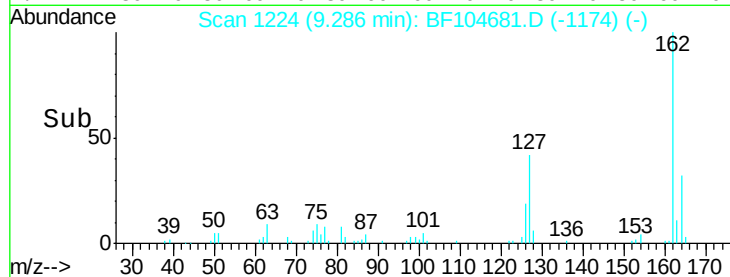
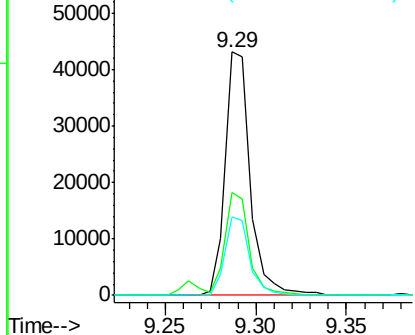
#46
2-Chloronaphthalene
Concen: 3.711 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tot Ion:162 Resp: 41854
Ion Ratio Lower Upper
162 100
127 42.5 33.9 50.9
164 32.3 26.5 39.7

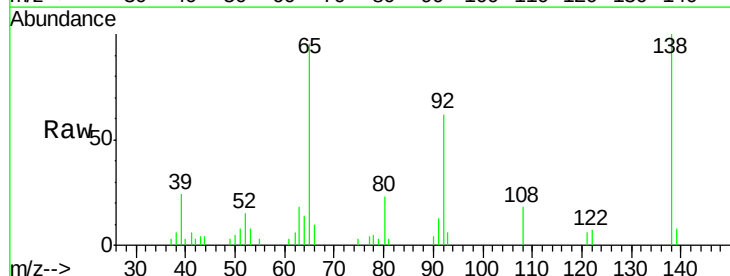


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

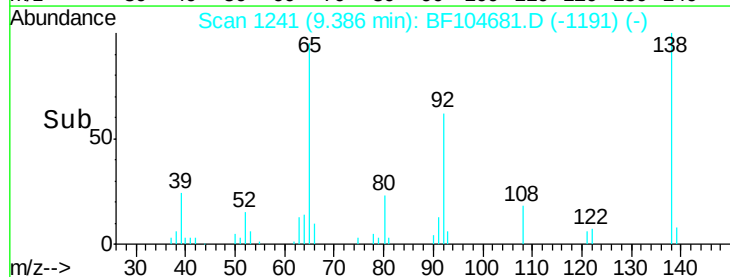
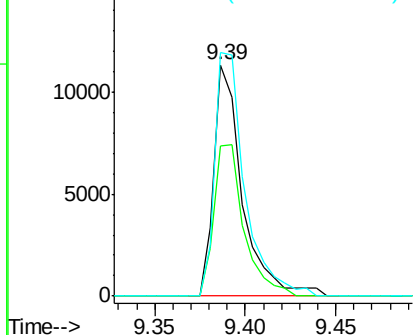


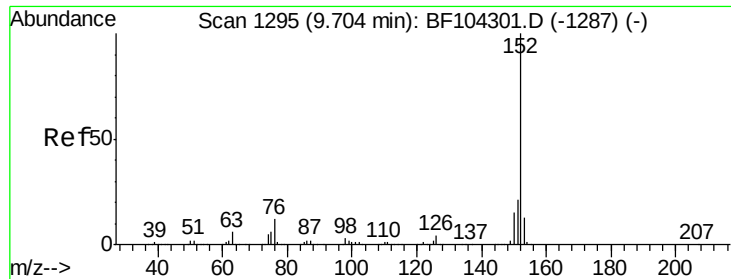
#47
2-Nitroaniline
Concen: 4.452 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion: 65 Resp: 12419
Ion Ratio Lower Upper
65 100
92 64.9 55.8 83.6
138 105.2 91.2 136.8



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





#48

Acenaphthylene

Concen: 3.407 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01MSD

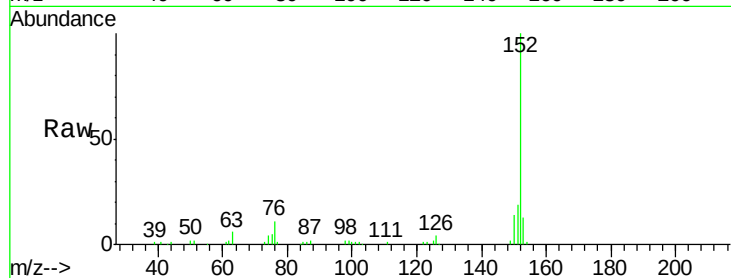
Tot Ion:152 Resp: 60295

Ion Ratio Lower Upper

152 100

151 19.1 16.3 24.5

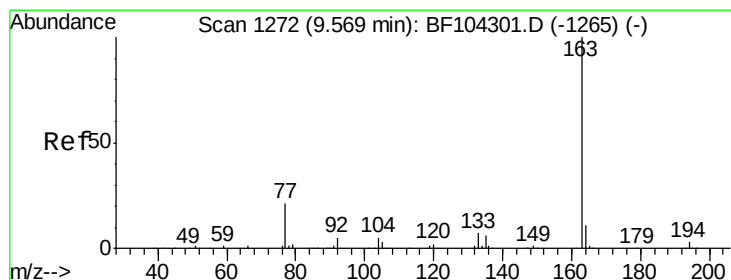
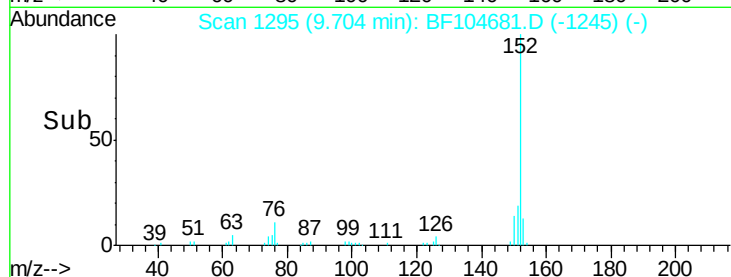
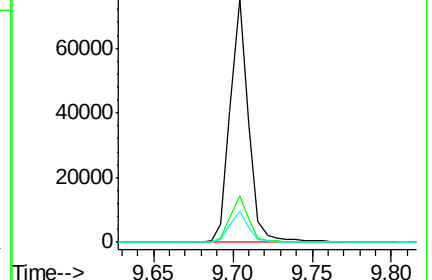
153 12.8 10.7 16.1



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



#49

Dimethylphthalate

Concen: 4.166 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

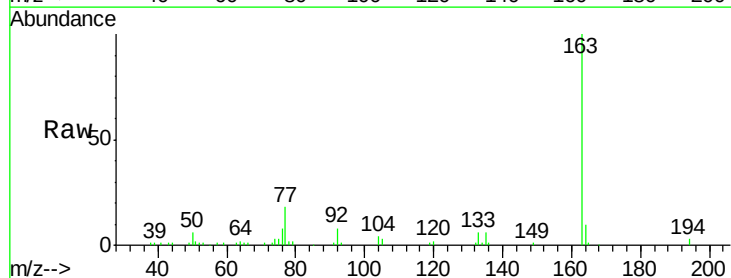
Tgt Ion:163 Resp: 55841

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

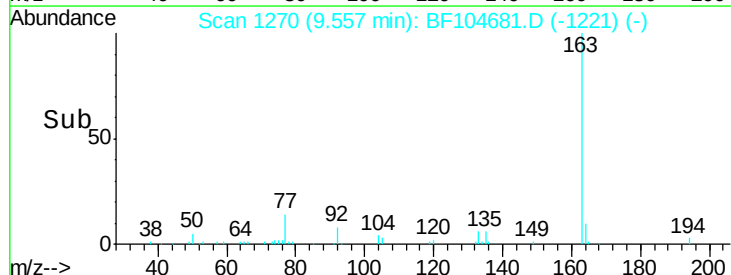
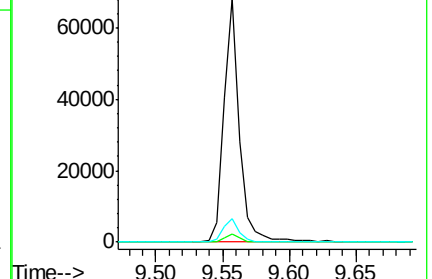
164 9.6 8.2 12.2

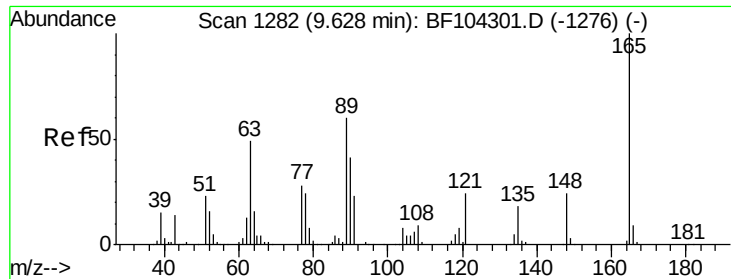


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

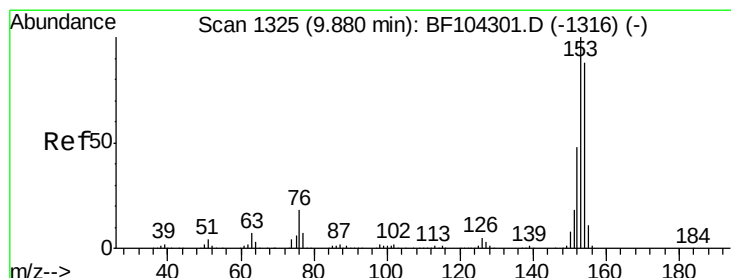
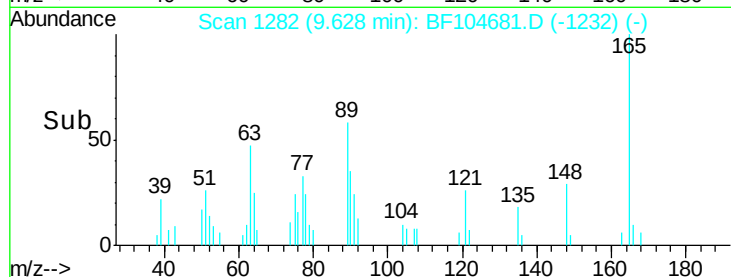
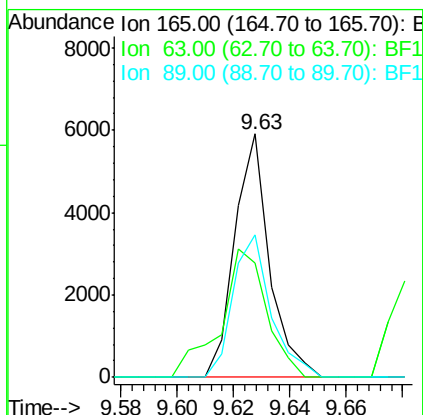
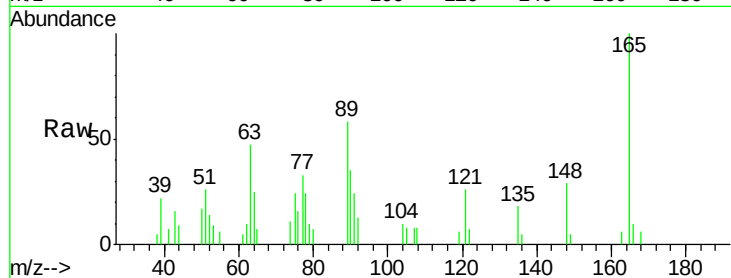




#50
2,6-Dinitrotoluene
Concen: 2.038 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

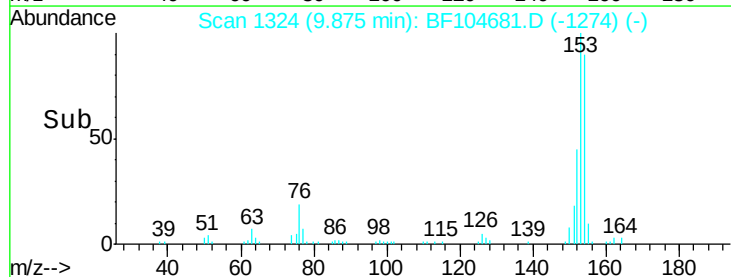
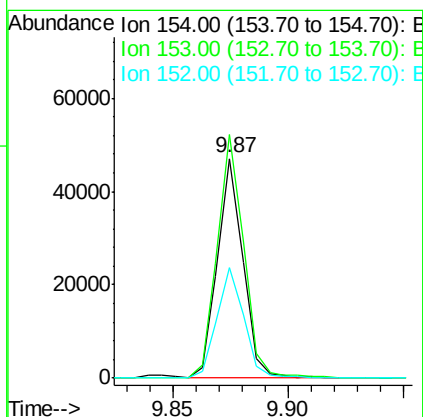
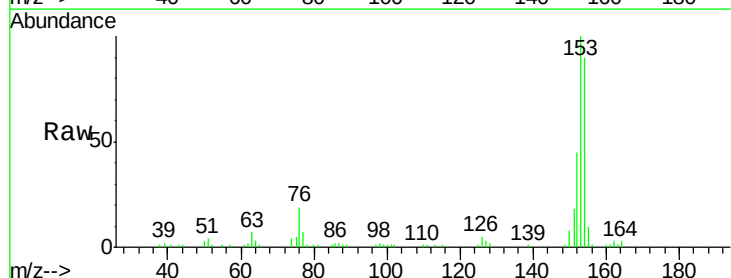
Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

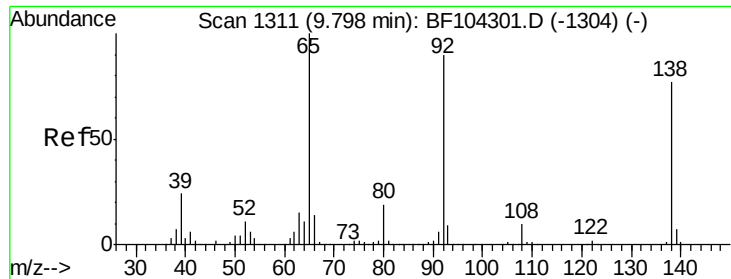
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.9	44.7	67.1
89	58.4	44.0	66.0



#51
Acenaphthene
Concen: 3.342 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	91.2	136.8
152	50.1	43.8	65.8





#52

3-Nitroaniline

Concen: 2.725 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01MSD

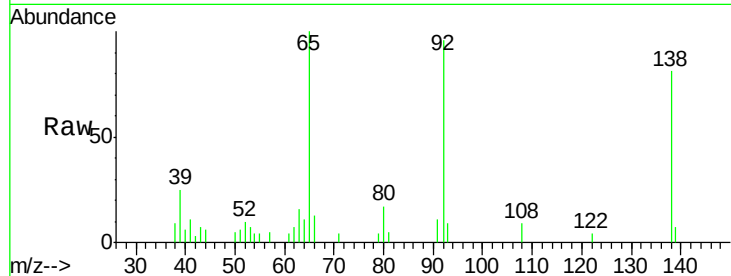
Tot Ion:138 Resp: 7914

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

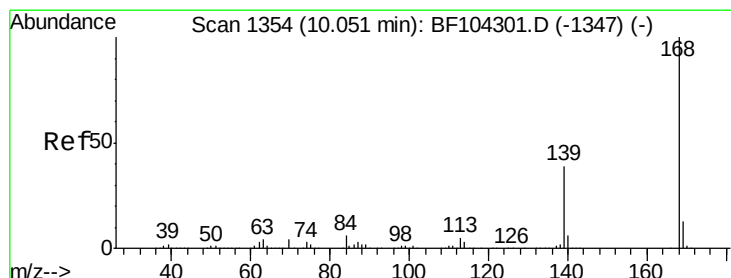
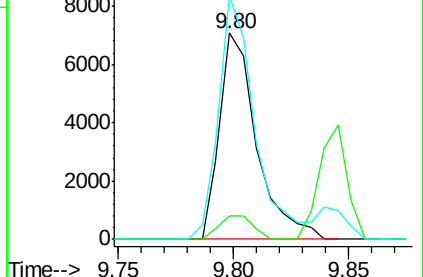
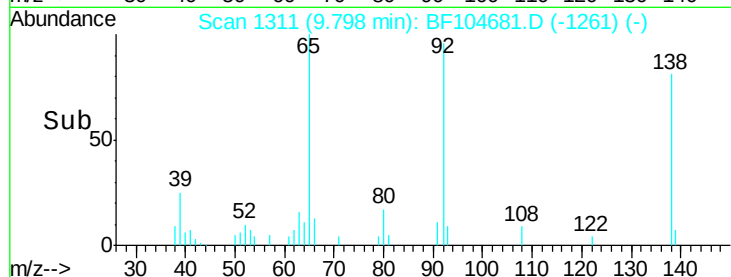
92 118.2 89.4 134.2



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

Dibenzofuran

Concen: 3.633 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

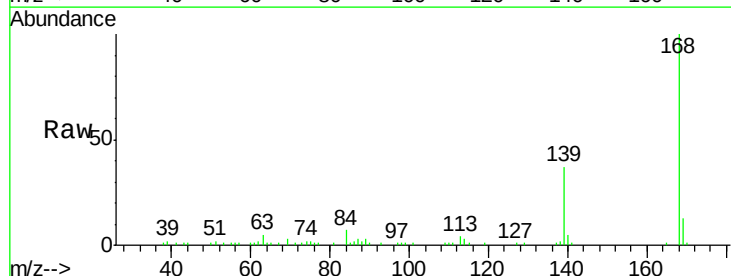
Tgt Ion:168 Resp: 54668

Ion Ratio Lower Upper

168 100

139 37.1 30.1 45.1

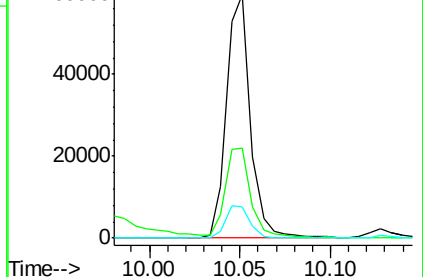
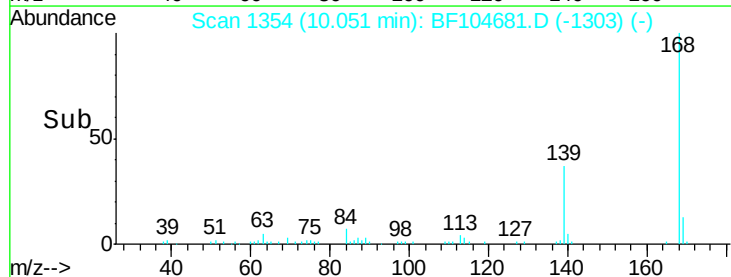
169 12.9 10.9 16.3

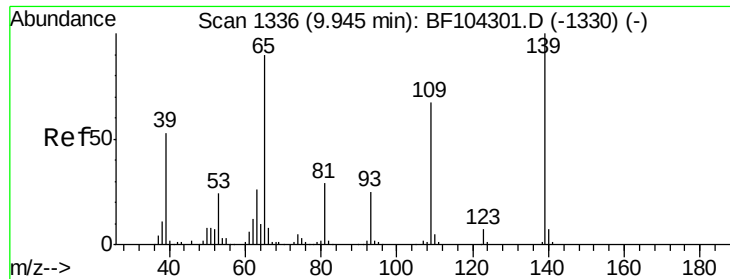


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 3.940 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01MSD

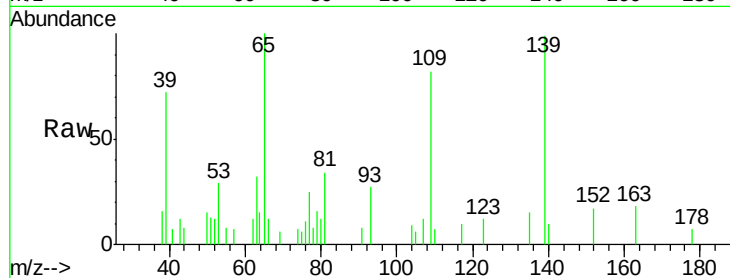
Tot Ion:139 Resp: 8987

Ion Ratio Lower Upper

139 100

109 82.3 48.4 88.4

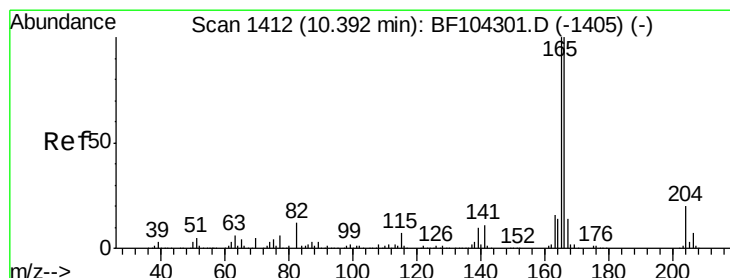
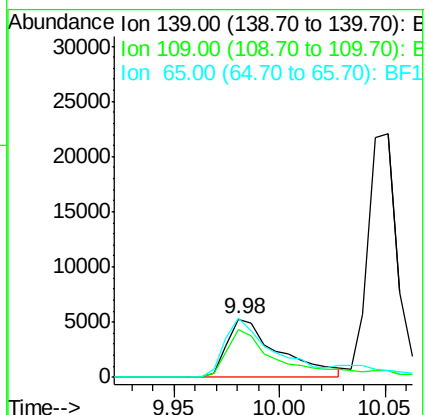
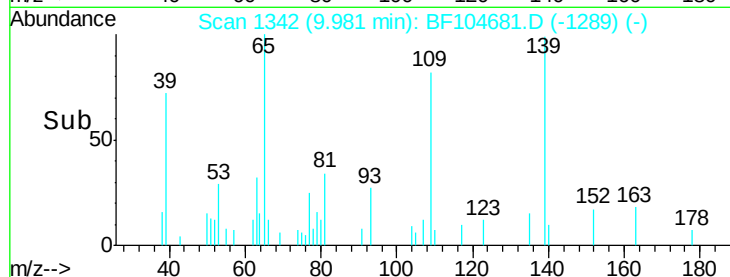
65 100.5 72.6 112.6



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

Fluorene

Concen: 3.874 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

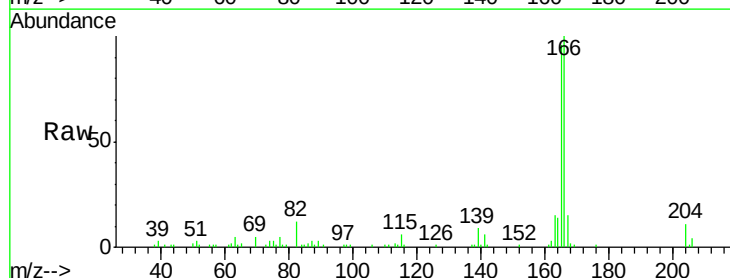
Tgt Ion:166 Resp: 42435

Ion Ratio Lower Upper

166 100

165 96.3 79.8 119.8

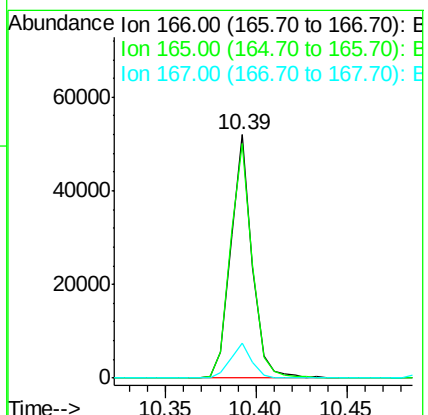
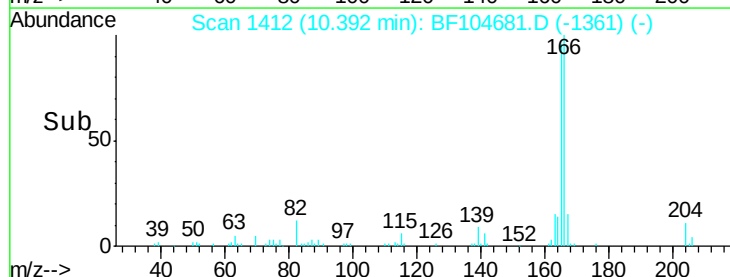
167 14.6 10.6 16.0

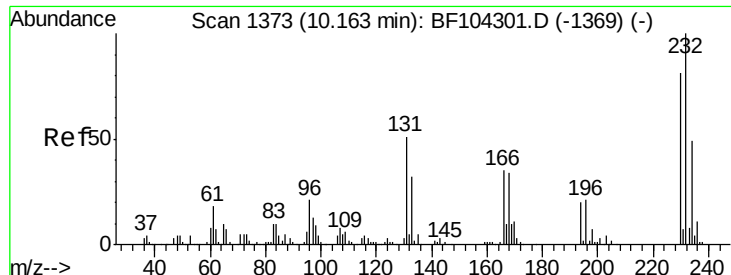


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

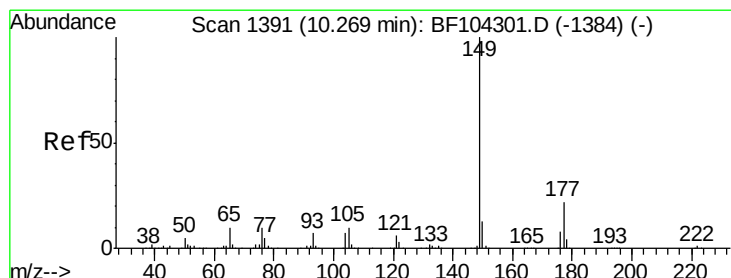
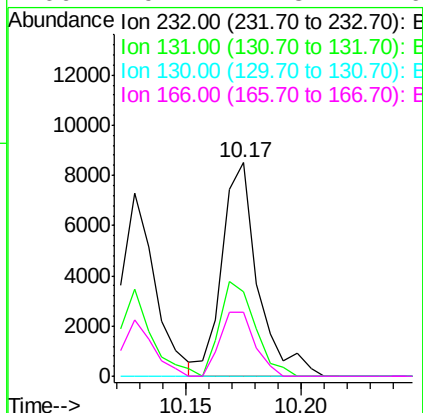
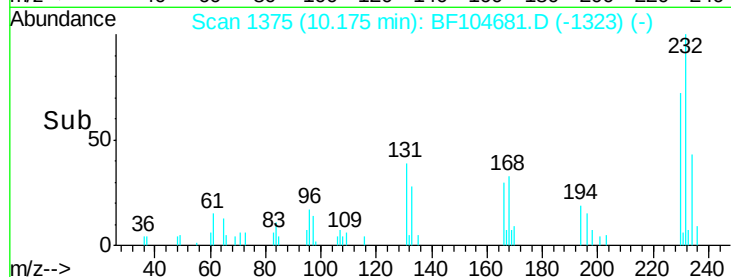
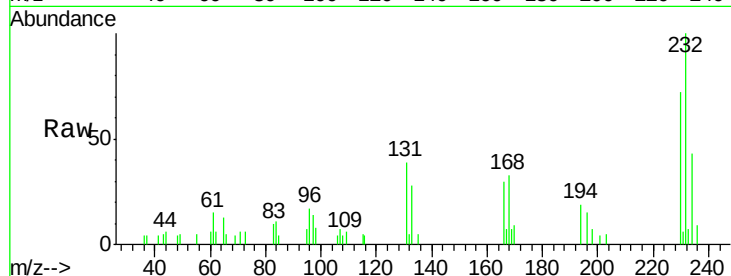




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.248 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.01 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

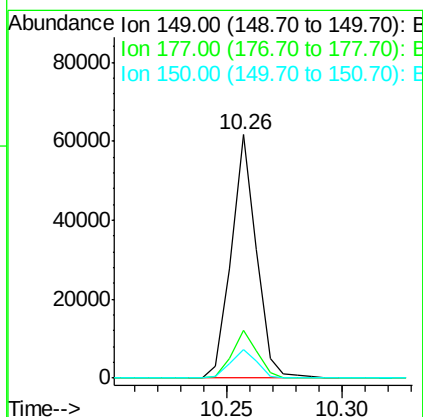
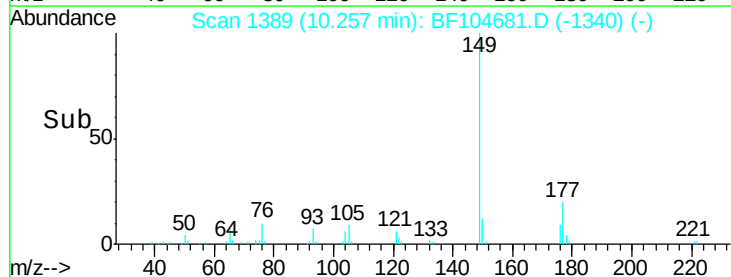
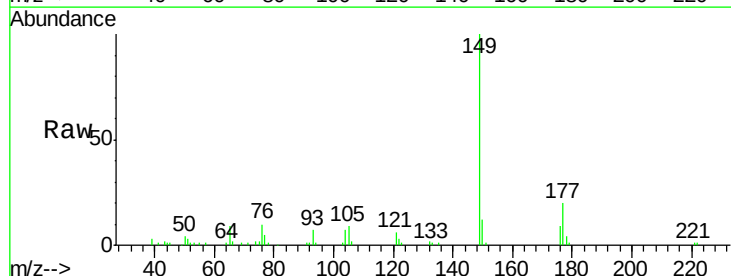
Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01MSD

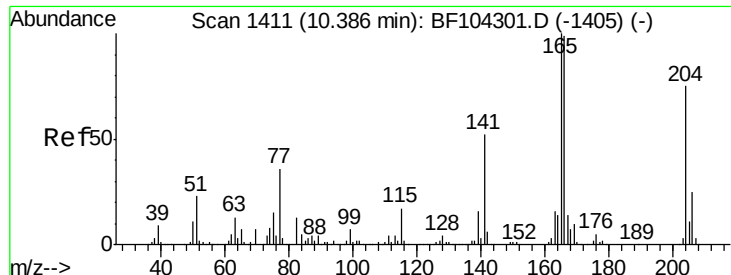
Tot Ion:232 Resp: 9161
 Ion Ratio Lower Upper
 232 100
 131 43.6 43.8 65.8#
 130 0.0 2.1 3.1#
 166 29.2 27.8 41.6



#59
 Diethylphthalate
 Concen: 3.494 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Tgt Ion:149 Resp: 46645
 Ion Ratio Lower Upper
 149 100
 177 19.5 16.1 24.1
 150 12.0 10.1 15.1

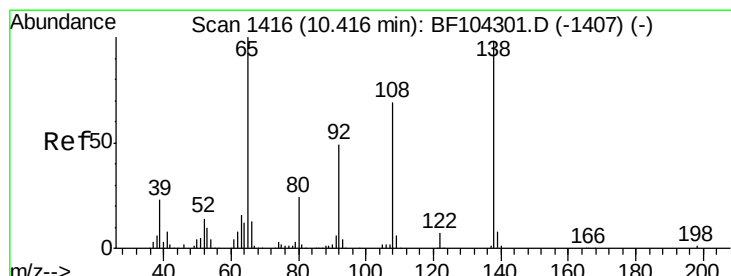
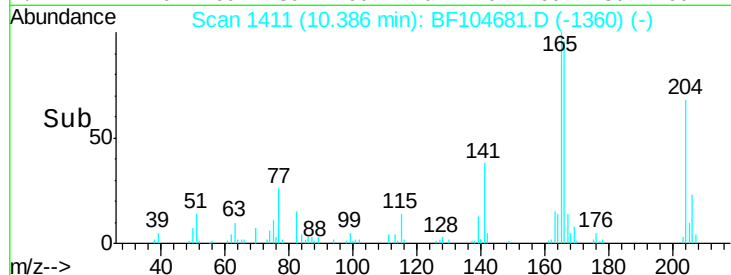
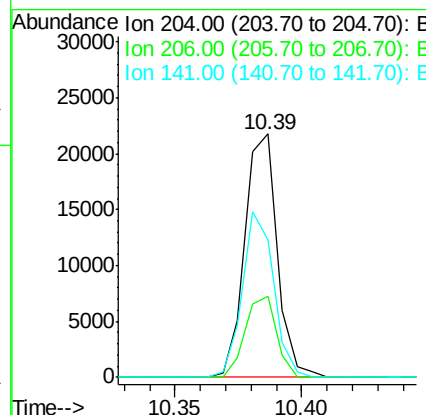
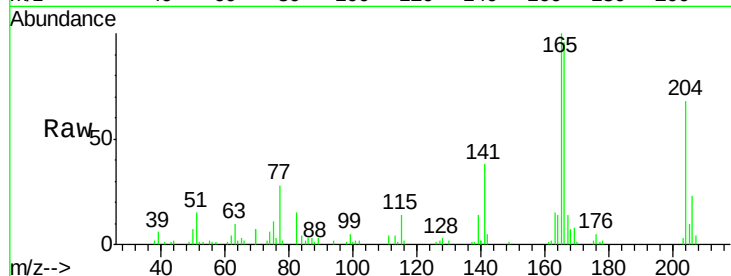




#60
 4-Chlorophenyl-phenylether
 Concen: 3.960 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

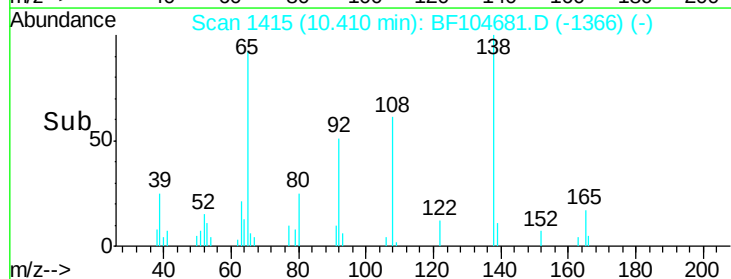
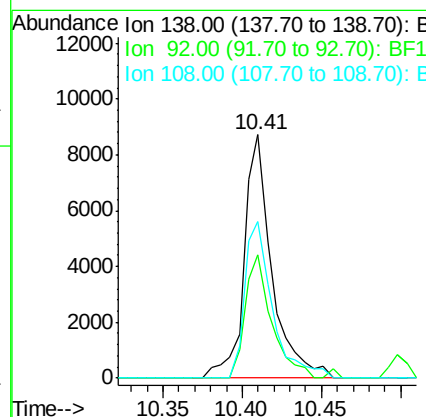
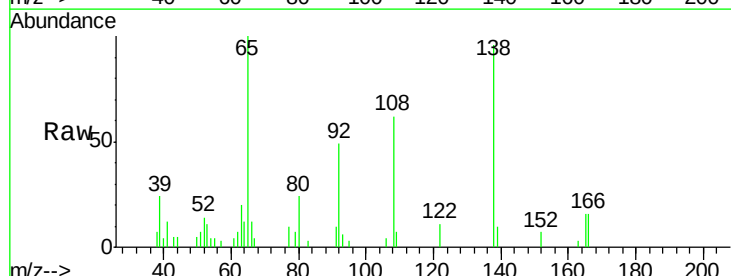
Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01MSD

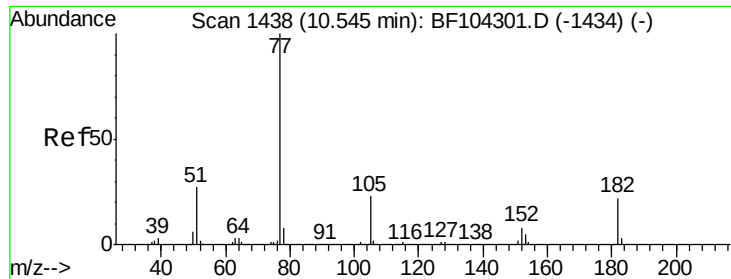
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	56.2	54.6	81.8



#61
 4-Nitroaniline
 Concen: 3.710 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	30.2	70.2
108	64.3	52.5	92.5





#62

Azobenzene

Concen: 3.040 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01MSD

Tot Ion: 77 Resp: 38776

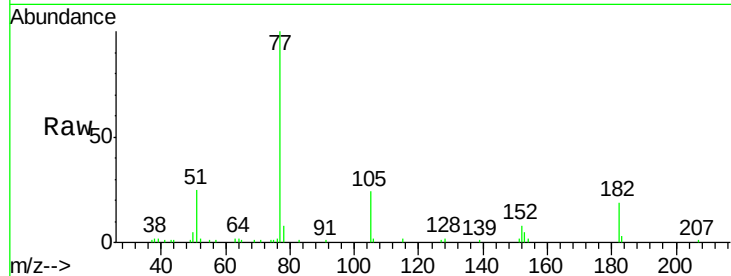
Ion Ratio Lower Upper

77 100

182 19.5 1.7 41.7

105 24.1 3.0 43.0

51 25.0 9.9 49.9

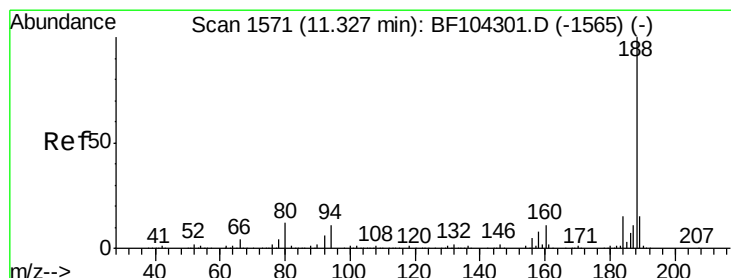
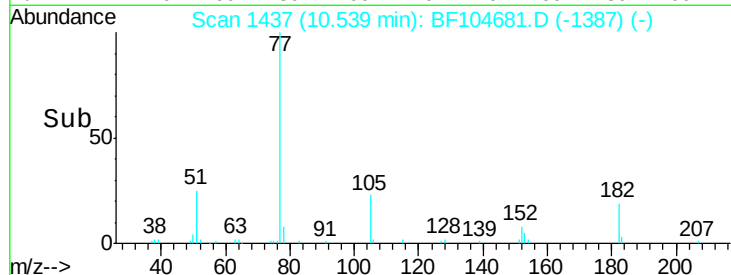
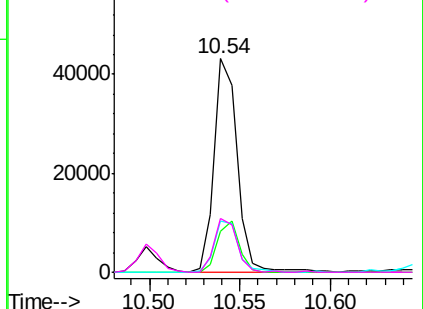


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

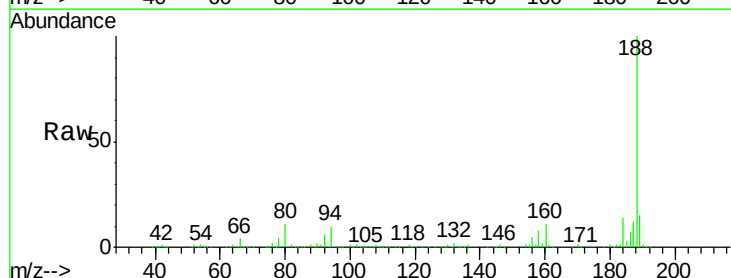
Tgt Ion: 188 Resp: 283456

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

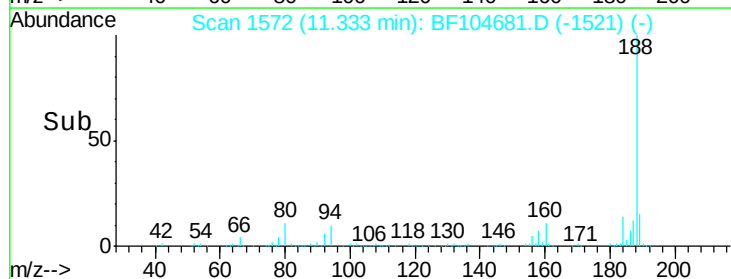
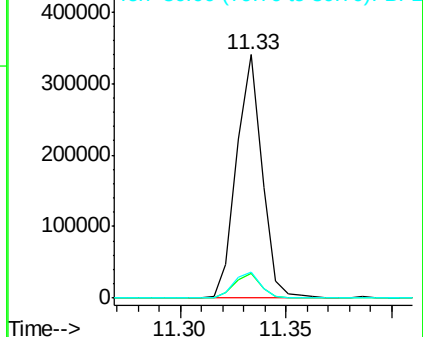
80 10.9 9.2 13.8

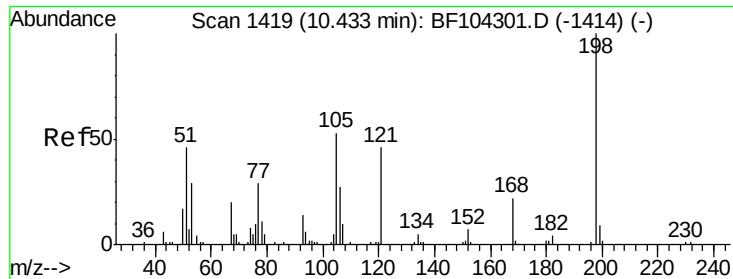


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

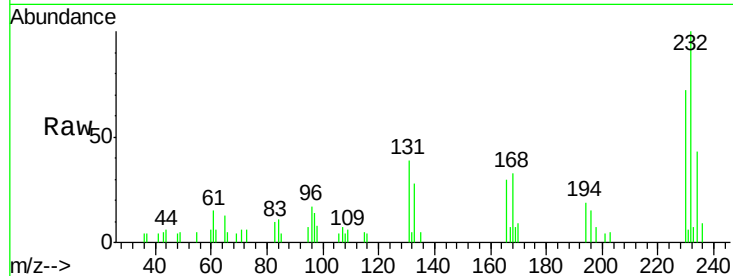




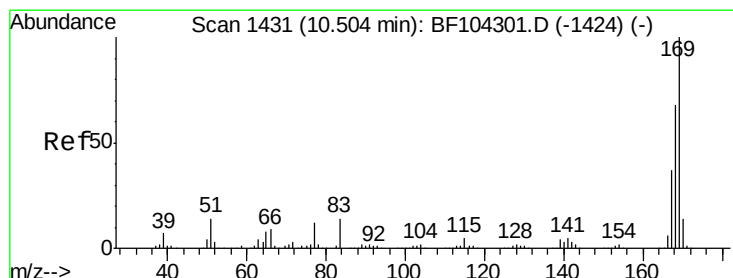
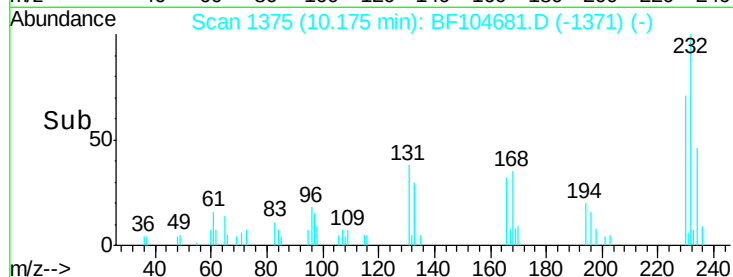
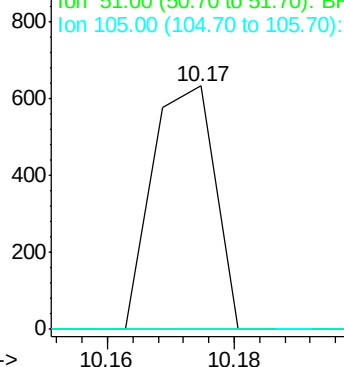
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.610 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.28 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01MSD

Tot Ion:198 Resp: 428
 Ion Ratio Lower Upper
 198 100
 51 0.0 37.7 77.7#
 105 0.0 36.3 76.3#

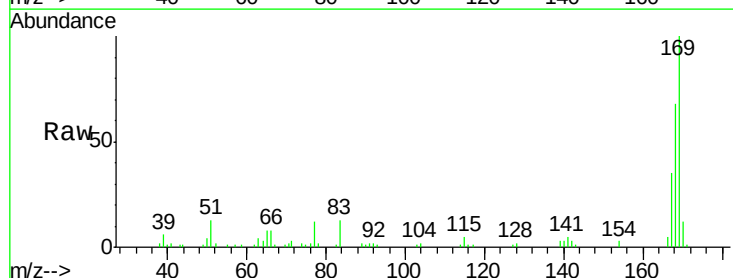


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

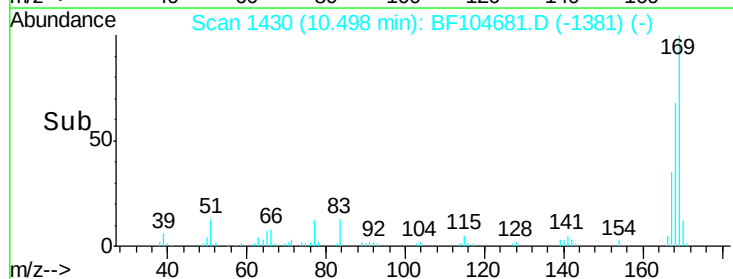
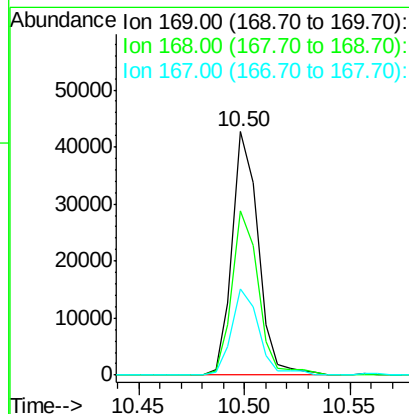


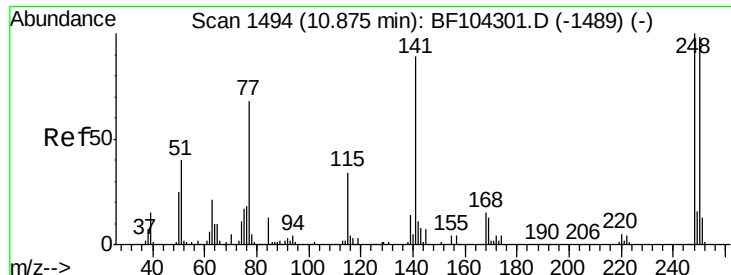
#65
 n-Nitrosodiphenylamine
 Concen: 3.710 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Tgt Ion:169 Resp: 36459
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.4 81.6
 167 35.2 29.8 44.6



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

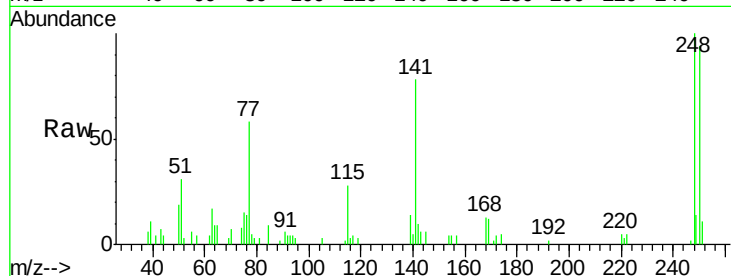




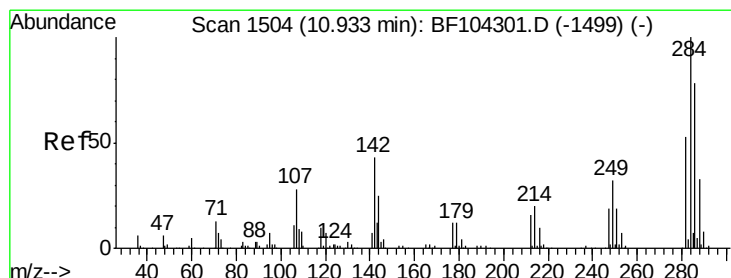
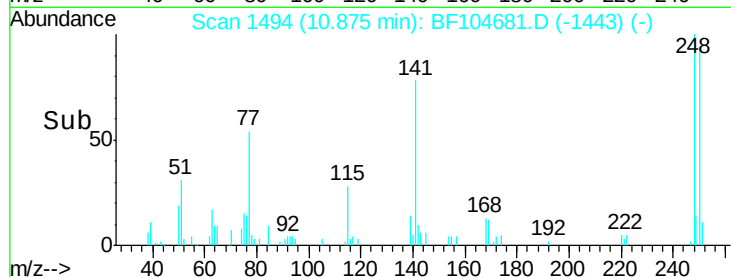
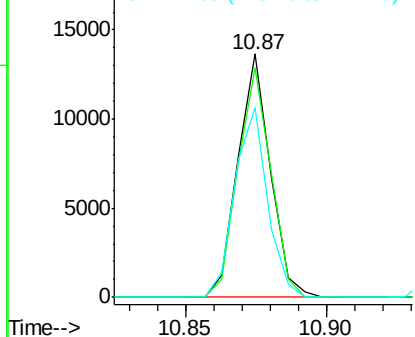
#66
 4-Bromophenyl-phenylether
 Concen: 3.616 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01MSD

Tot Ion:248 Resp: 10902
 Ion Ratio Lower Upper
 248 100
 250 94.1 76.9 115.3
 141 78.0 74.4 111.6

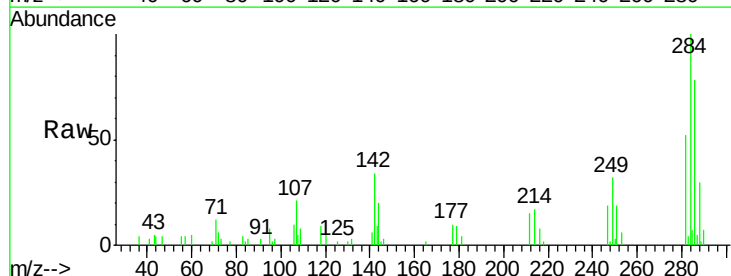


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

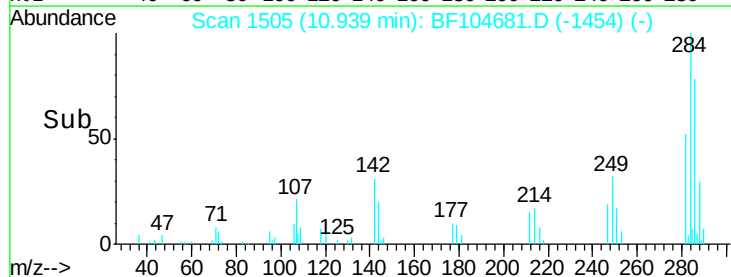
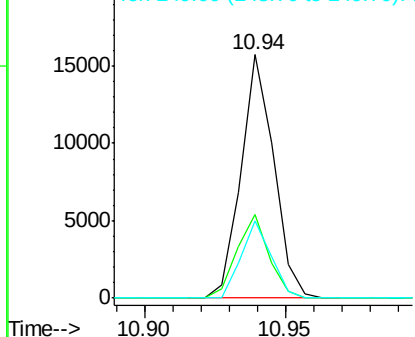


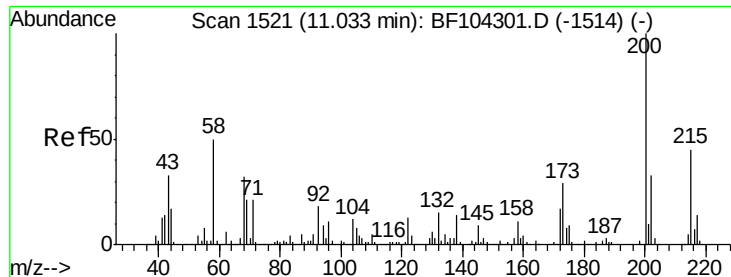
#67
 Hexachlorobenzene
 Concen: 3.744 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF104681.D
 Acq: 20 Apr 2018 18:20

Tgt Ion:284 Resp: 12701
 Ion Ratio Lower Upper
 284 100
 142 34.4 34.6 52.0#
 249 31.8 24.8 37.2



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

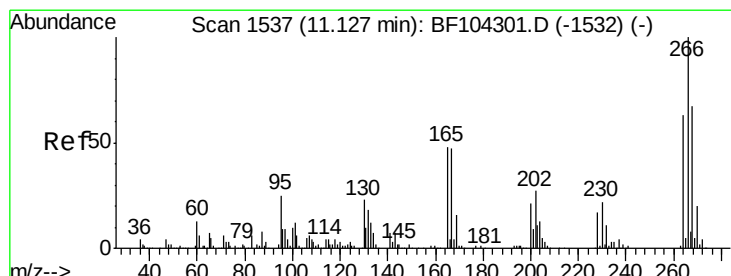
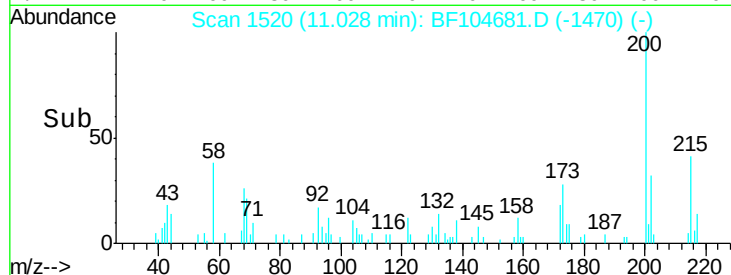
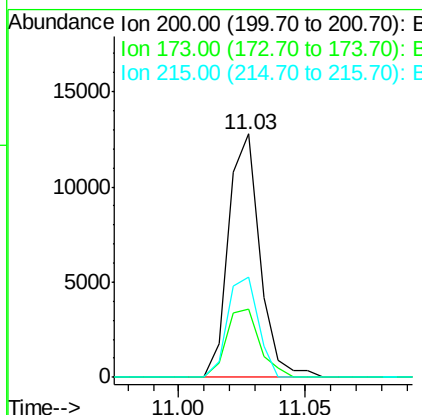
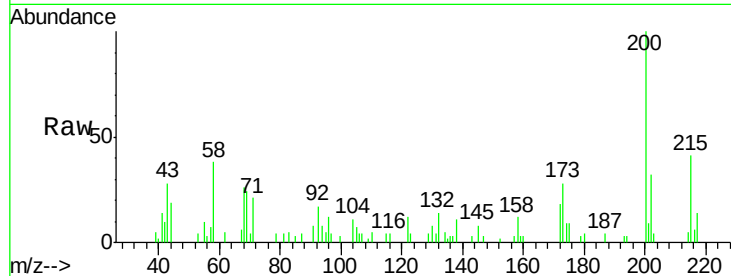




#68
Atrazine
Concen: 3.698 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

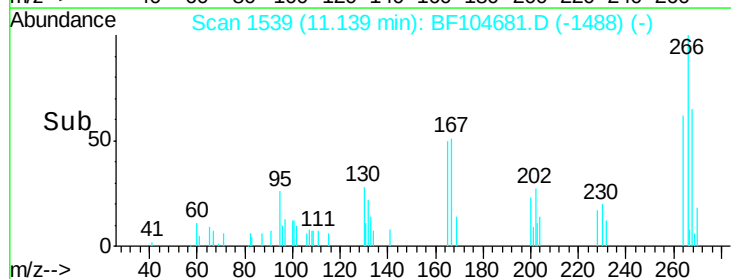
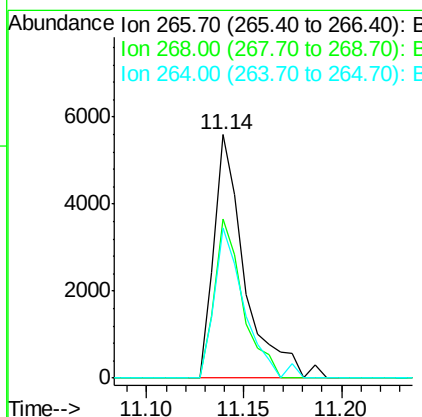
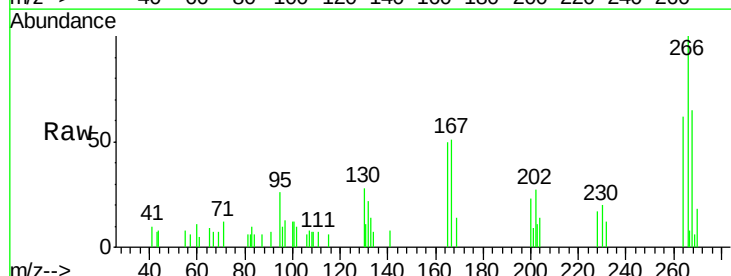
Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

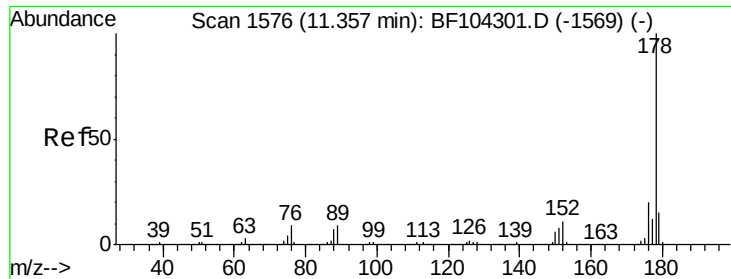
Tot Ion:200 Resp: 10969
Ion Ratio Lower Upper
200 100
173 28.1 8.6 48.6
215 41.3 25.1 65.1



#69
Pentachlorophenol
Concen: 2.925 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:266 Resp: 6139
Ion Ratio Lower Upper
266 100
268 65.1 51.1 76.7
264 61.8 49.5 74.3

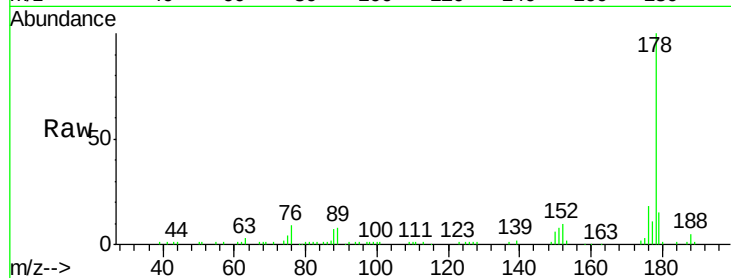




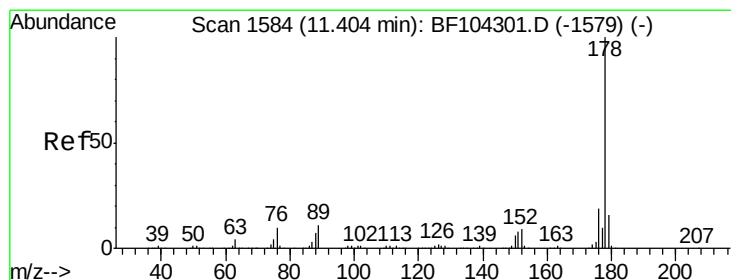
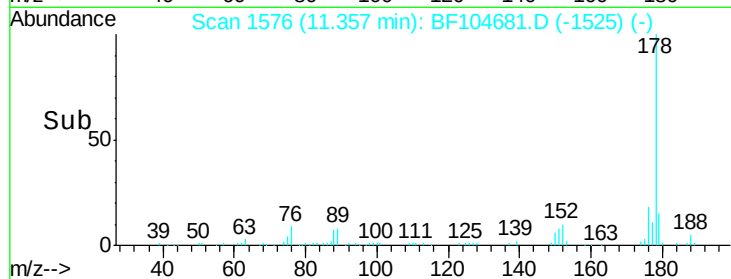
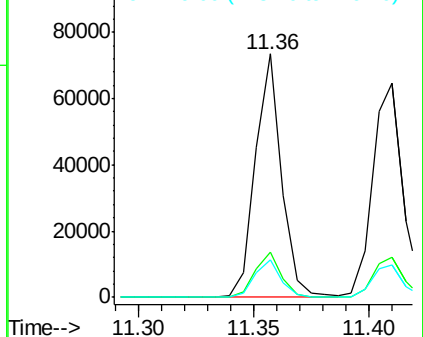
#70
Phenanthrene
Concen: 3.700 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tot Ion:178 Resp: 58414
Ion Ratio Lower Upper
178 100
176 18.3 15.8 23.8
179 15.3 13.0 19.6

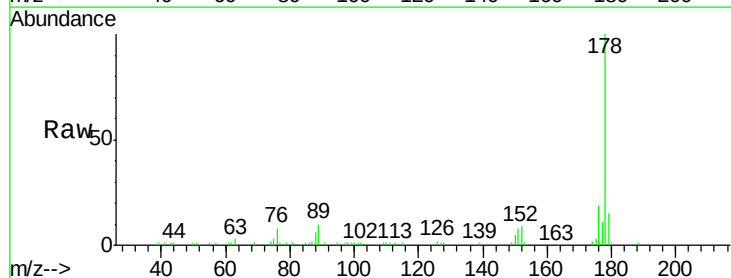


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

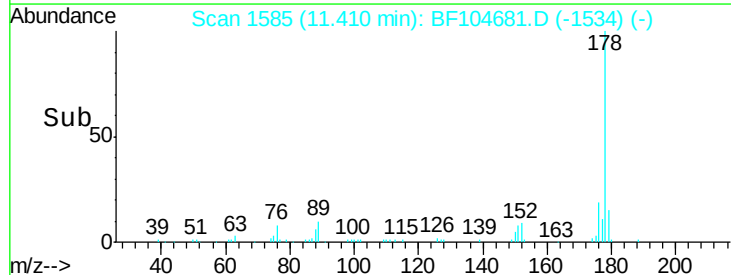
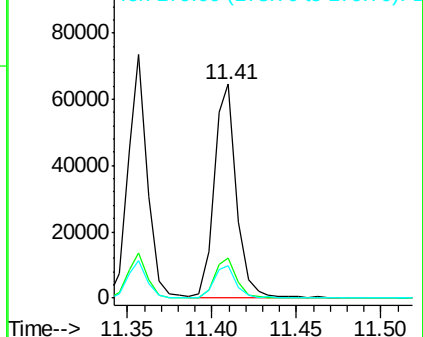


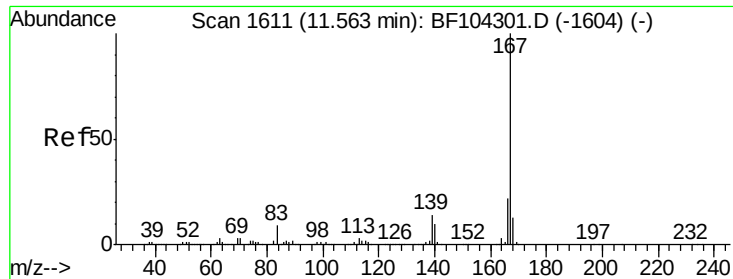
#71
Anthracene
Concen: 3.722 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:178 Resp: 59725
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 14.9 12.6 19.0



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

Carbazole

Concen: 3.467 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01MSD

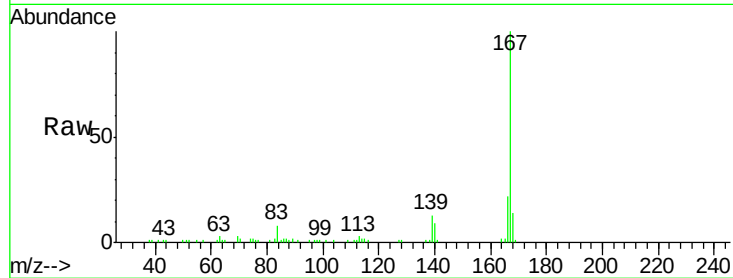
Tot Ion:167 Resp: 54355

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

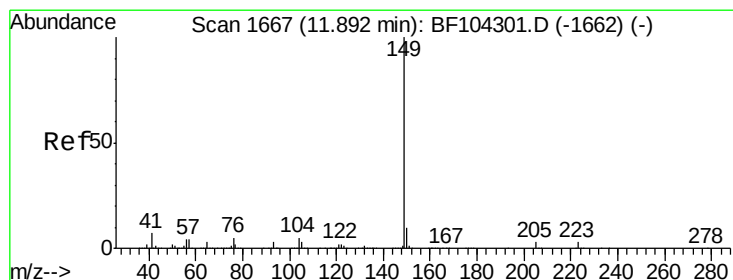
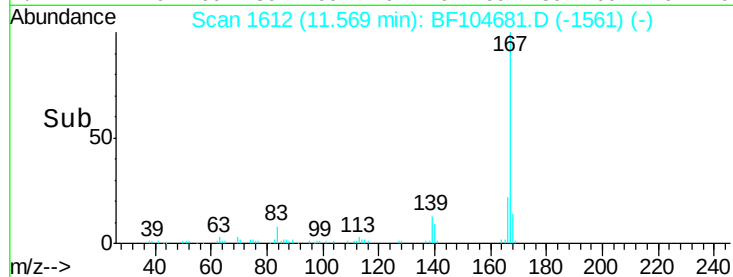
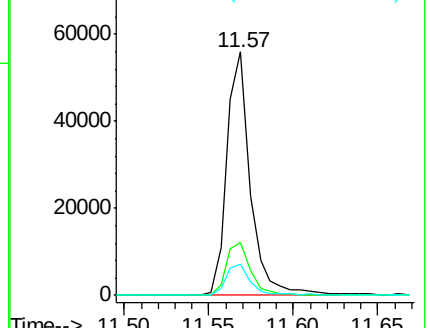
139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 3.695 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

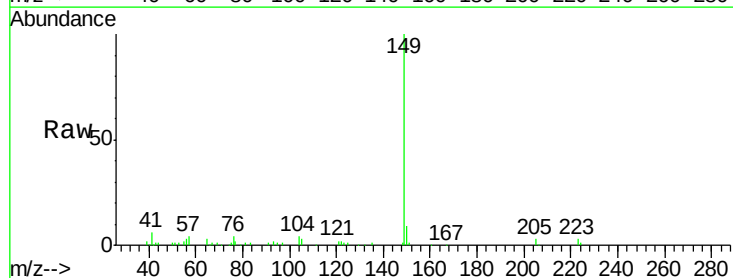
Tgt Ion:149 Resp: 70766

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

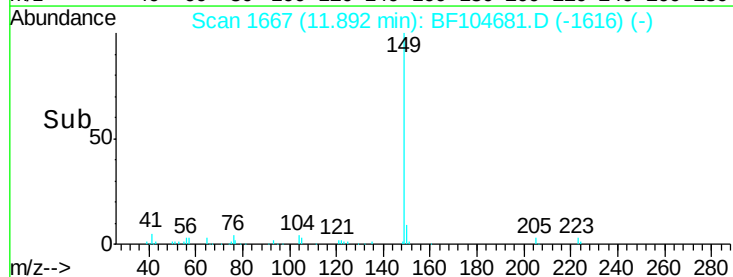
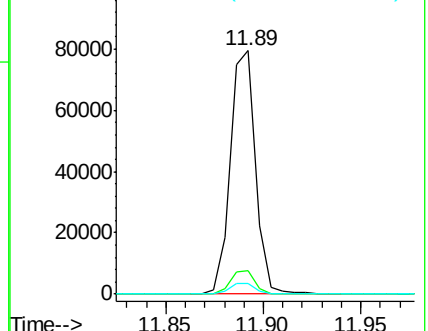
104 4.4 3.8 5.8

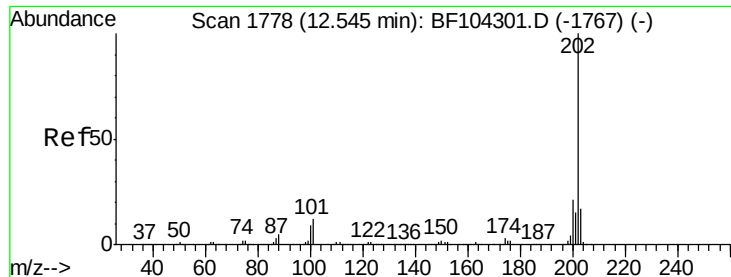


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 3.715 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01MSD

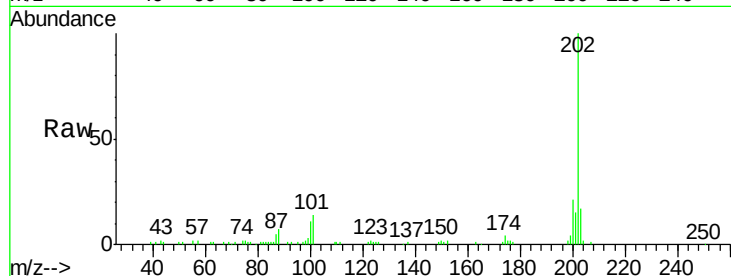
Tot Ion:202 Resp: 61276

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.1

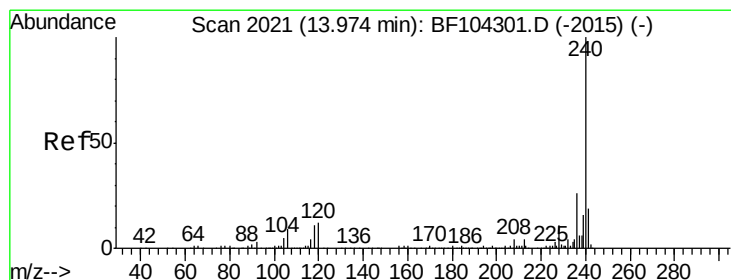
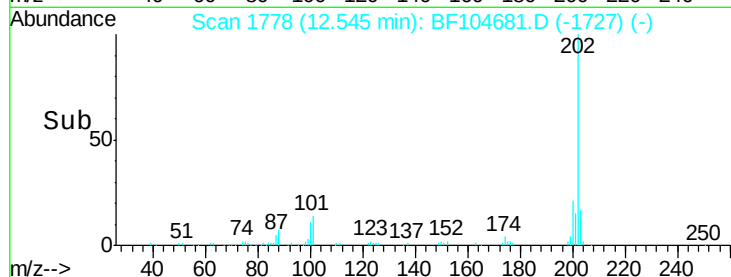
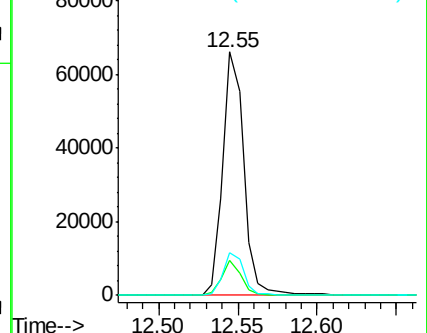
203 17.4 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

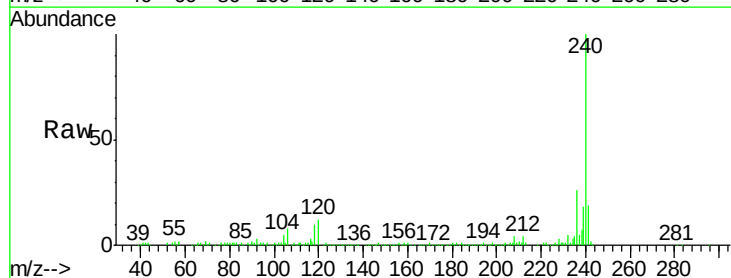
Tgt Ion:240 Resp: 216227

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

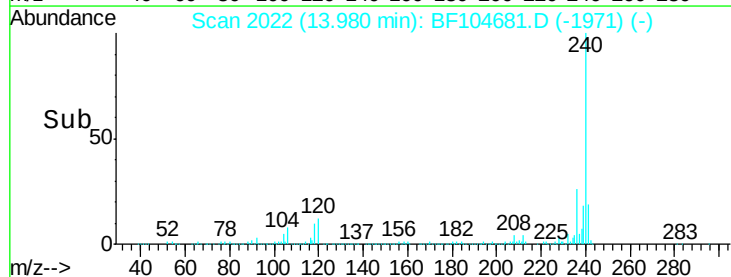
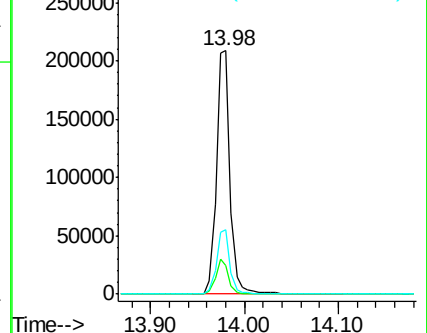
236 26.4 20.7 31.1

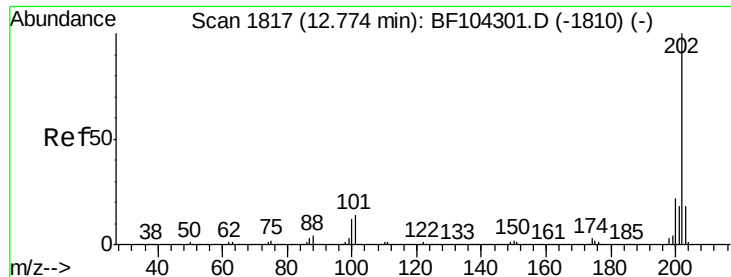


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

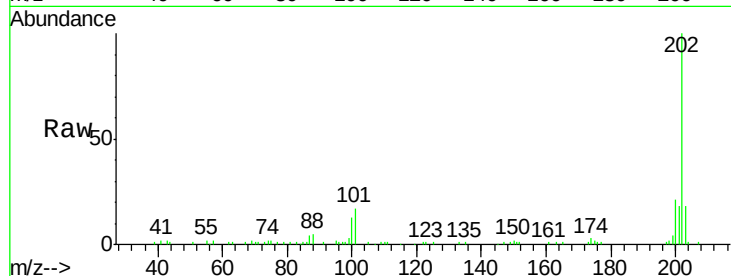




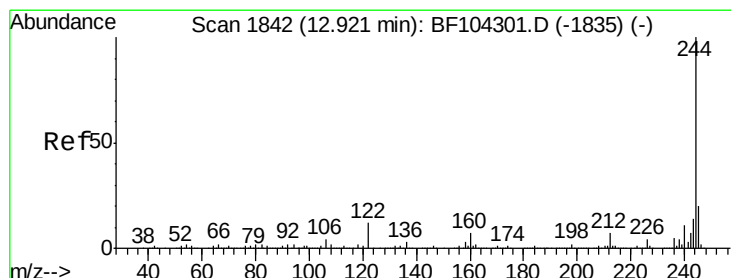
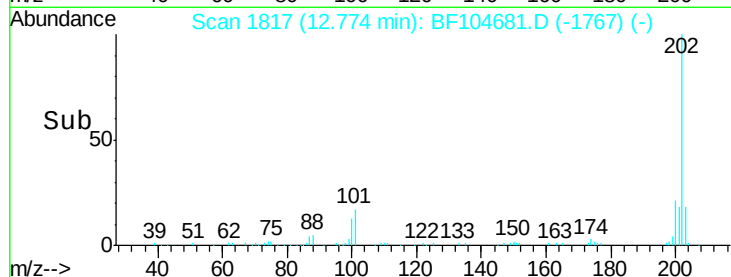
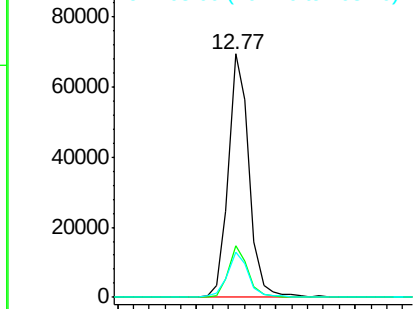
#77
Pvrene
Concen: 3.921 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tot Ion:202 Resp: 62851
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 18.3 14.3 21.5

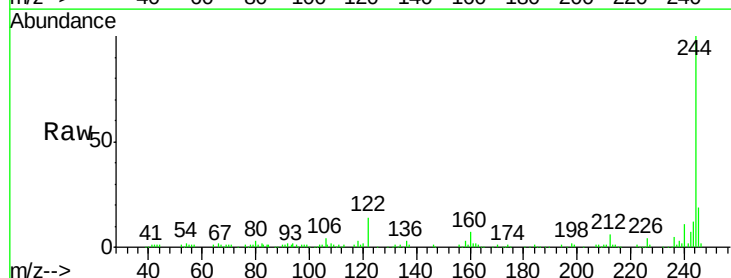


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

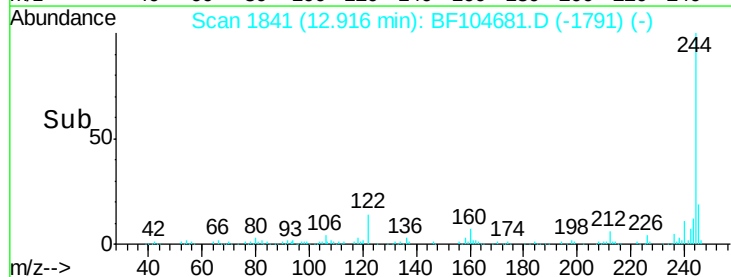
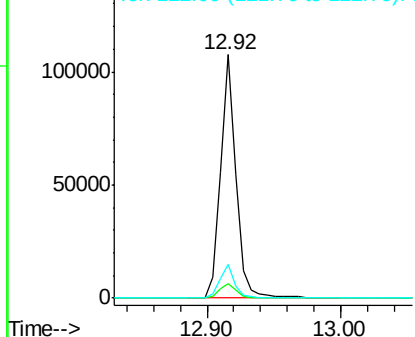


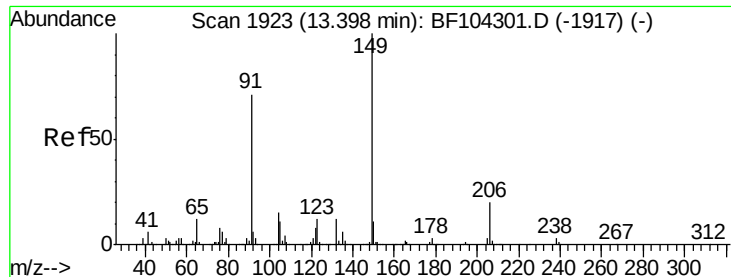
#78
Terphenyl-d14
Concen: 9.292 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:244 Resp: 88125
Ion Ratio Lower Upper
244 100
212 6.1 5.4 8.0
122 13.6 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

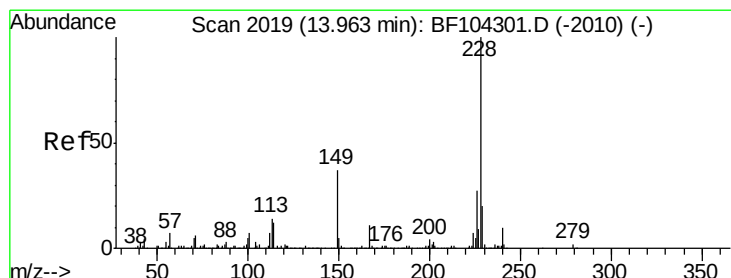
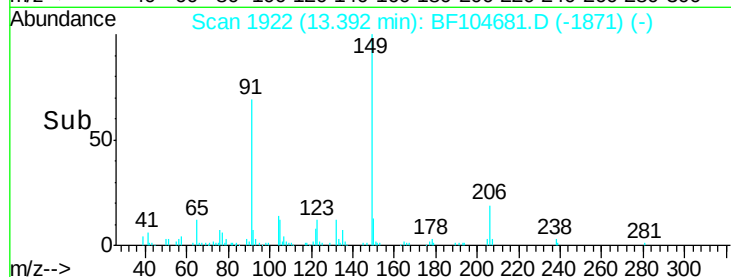
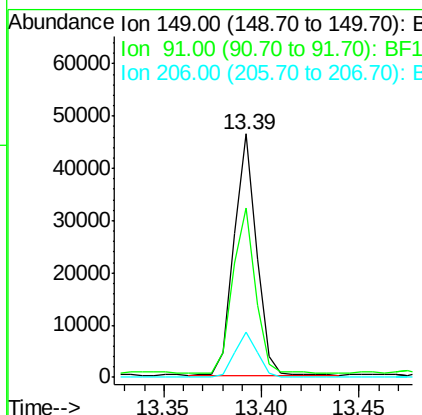
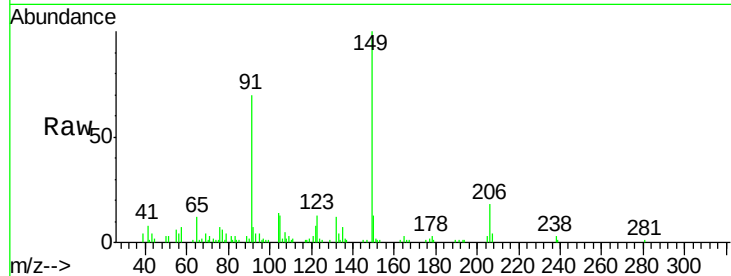




#79
Butylbenzylphthalate
Concen: 4.900 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

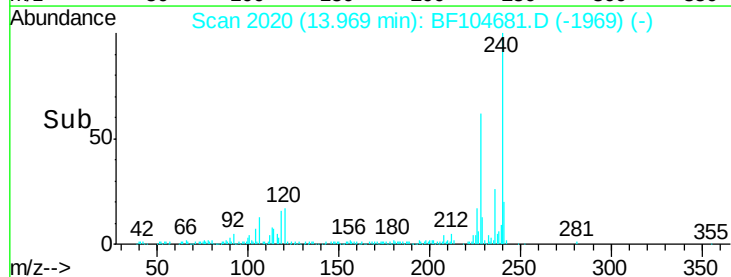
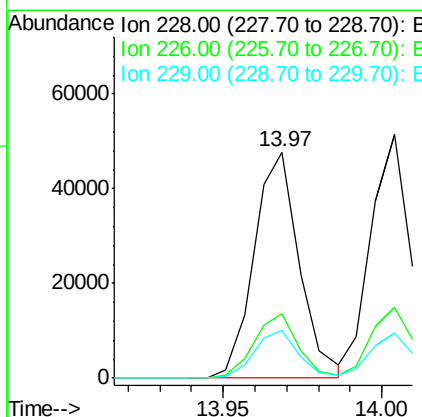
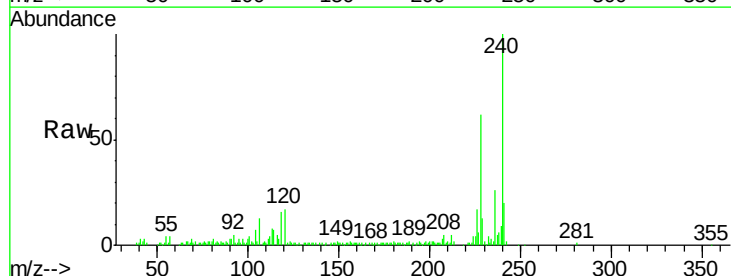
Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

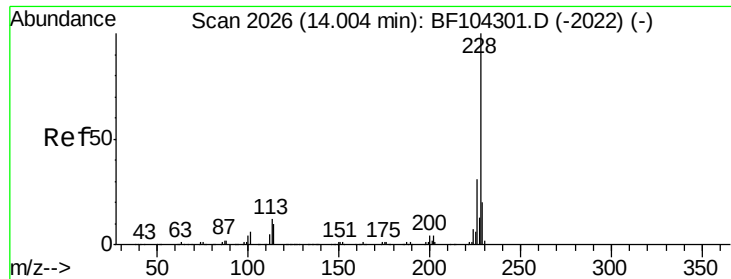
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.7	56.8	85.2
206	18.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 3.666 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	21.3	15.8	23.6

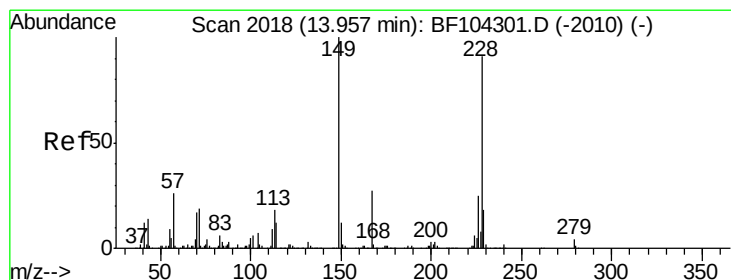
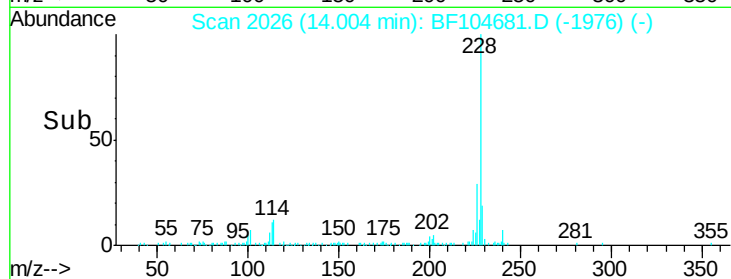
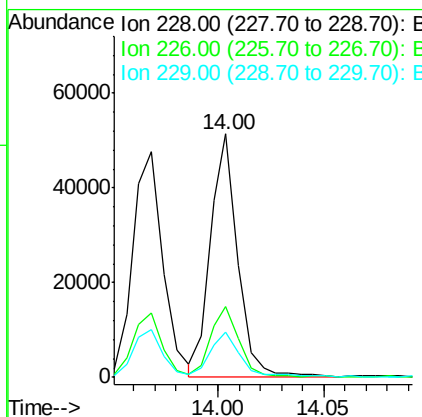
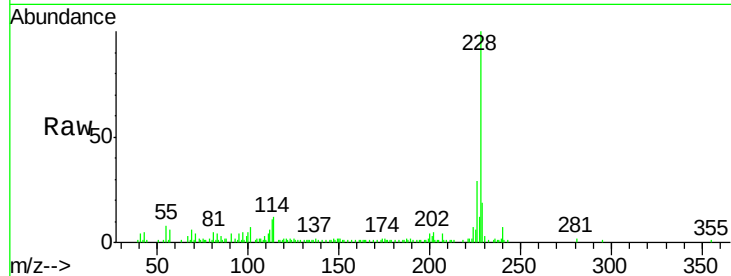




#82
Chrysene
Concen: 3.528 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

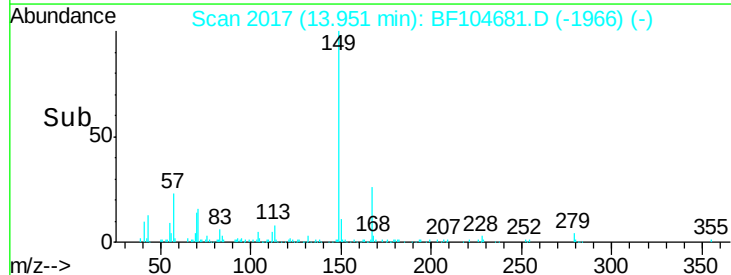
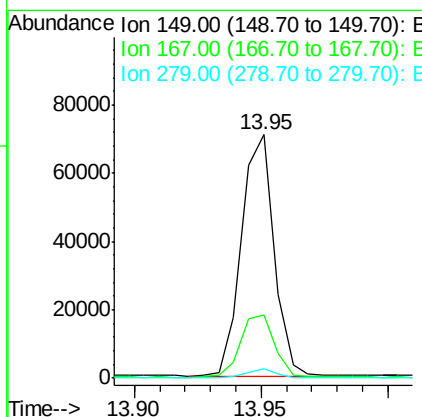
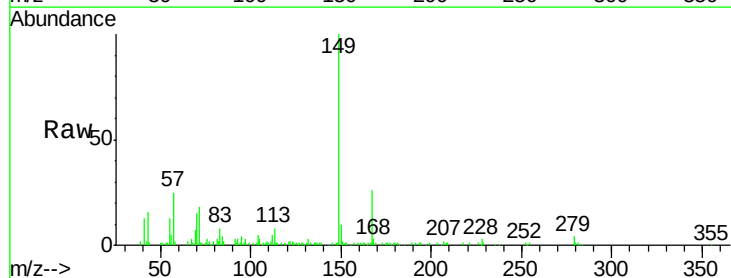
Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

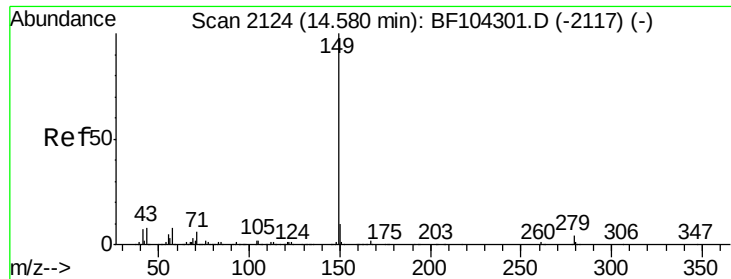
Tot Ion:228 Resp: 46814
Ion Ratio Lower Upper
228 100
226 28.9 25.0 37.6
229 18.6 16.2 24.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 6.528 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:149 Resp: 63400
Ion Ratio Lower Upper
149 100
167 26.1 21.3 31.9
279 3.7 3.0 4.4

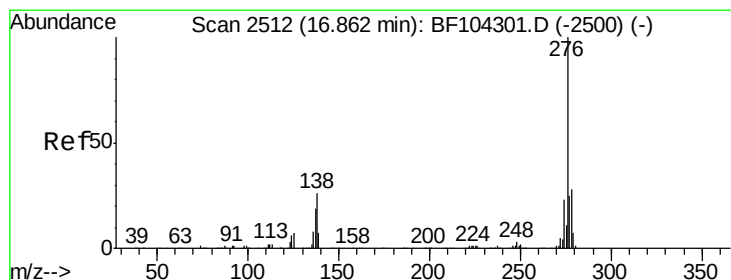
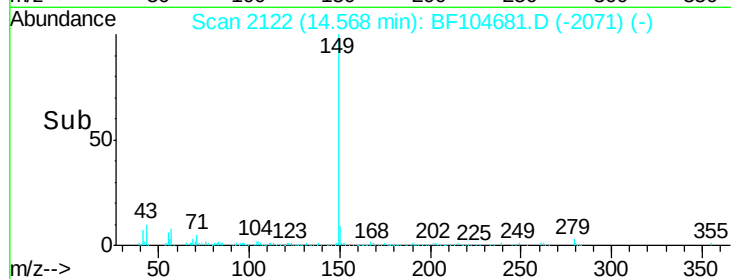
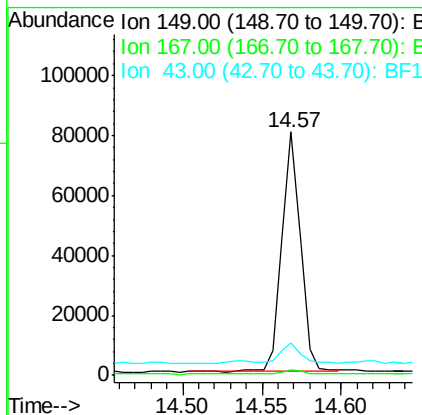
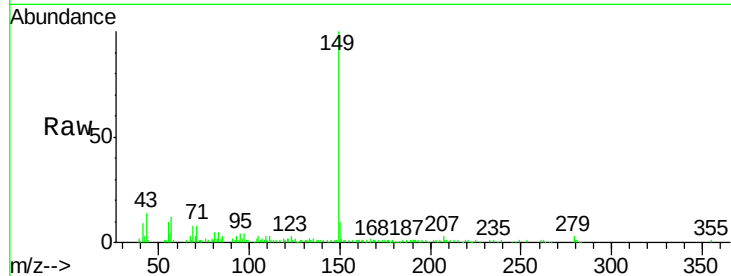




#84
Di-n-octyl phthalate
Concen: 4.041 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

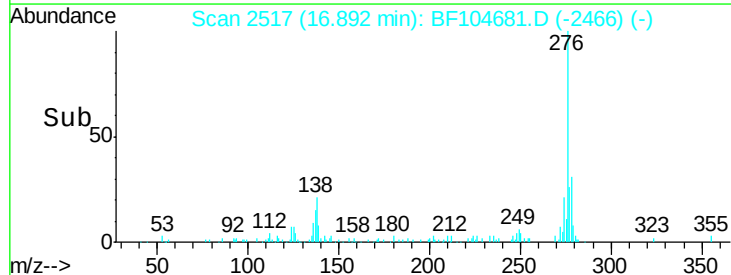
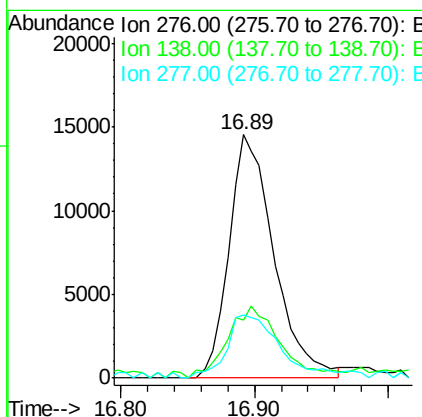
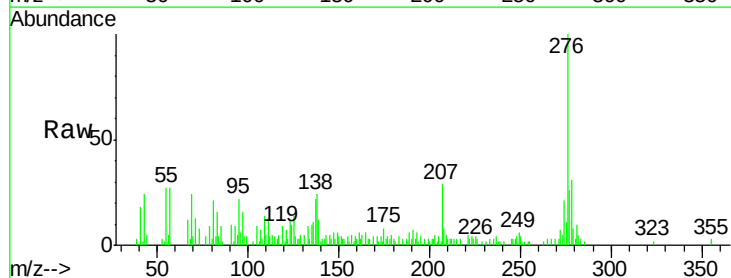
Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

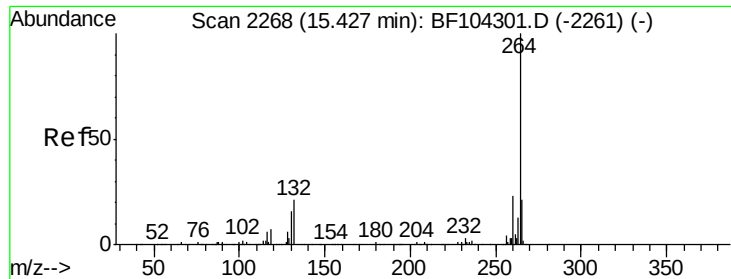
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	9.3	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 3.021 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.8	25.0	37.6
277	30.5	20.1	30.1#



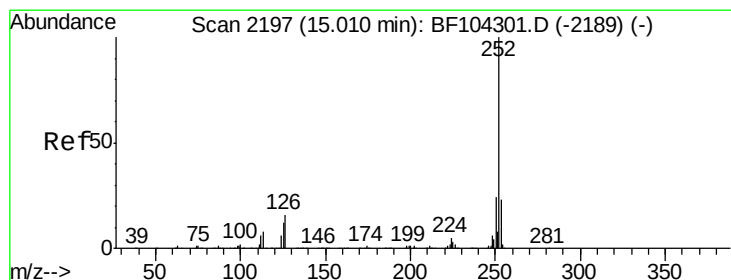
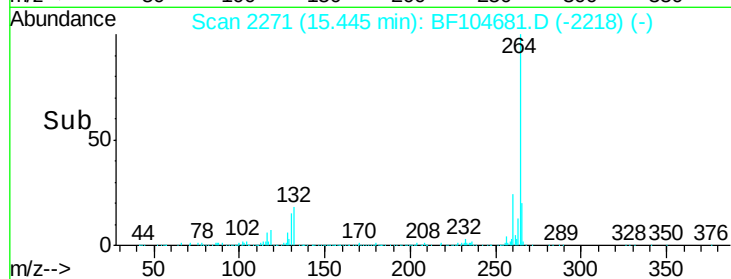
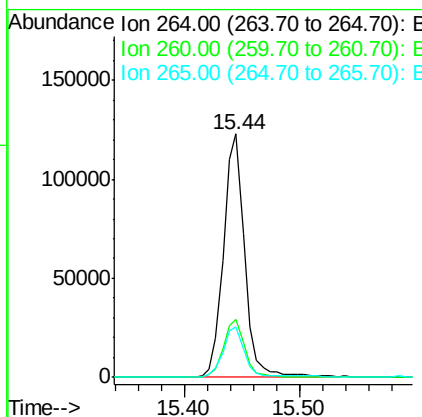
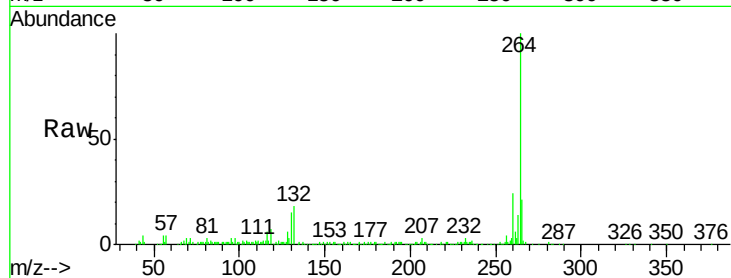


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tot Ion:264 Resp: 156263

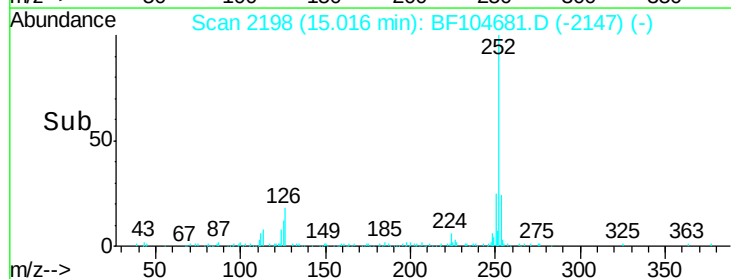
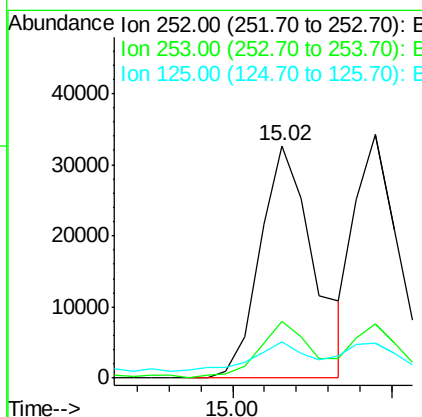
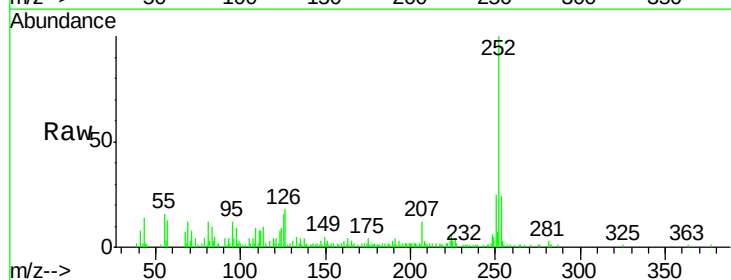
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	17.5	26.3

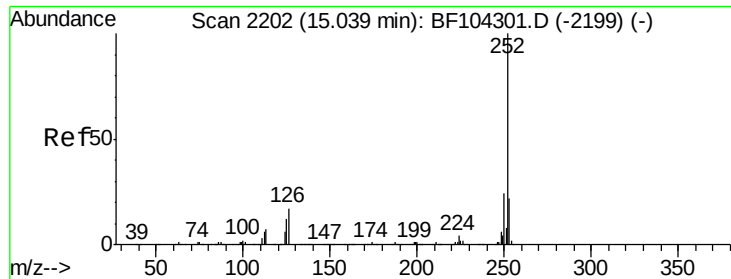


#87
Benzo(b)fluoranthene
Concen: 3.890 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:252 Resp: 38396

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	15.6	9.0	13.6

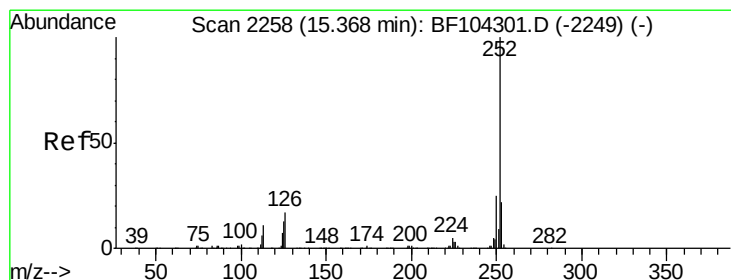
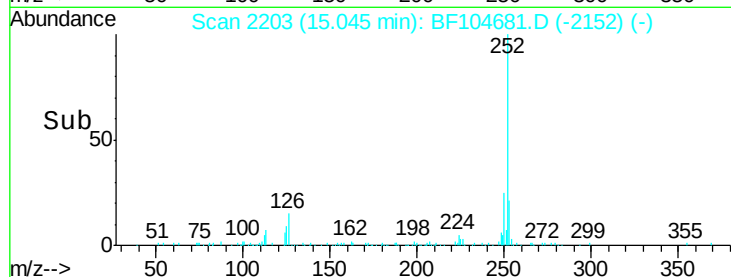
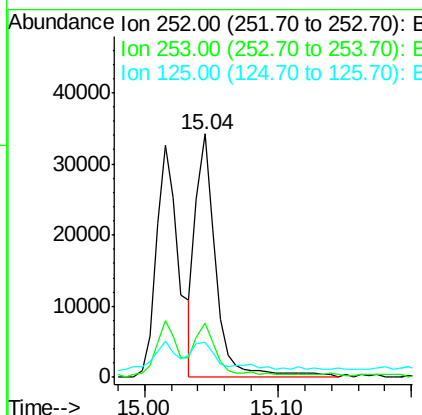
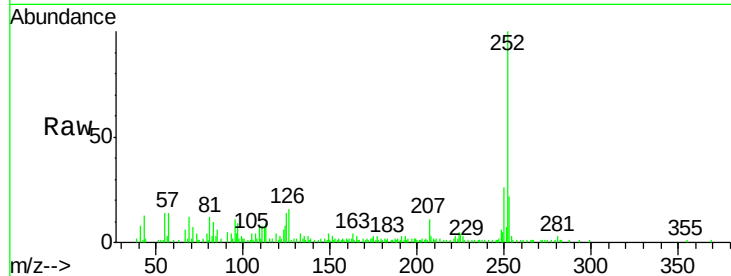




#88
Benzo(k)fluoranthene
Concen: 3.834 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

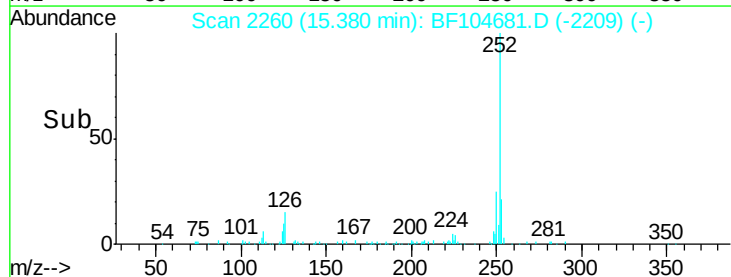
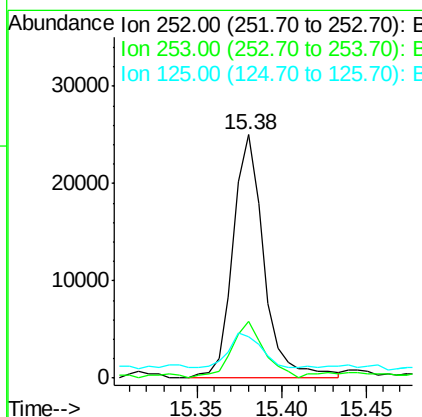
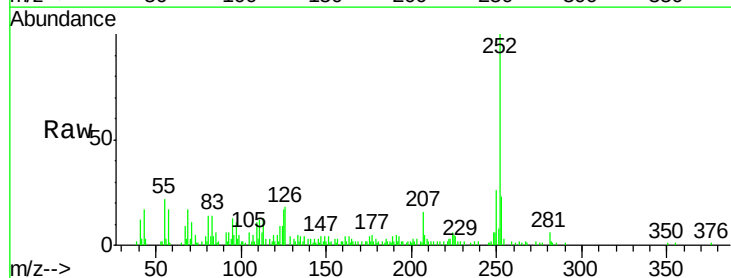
Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

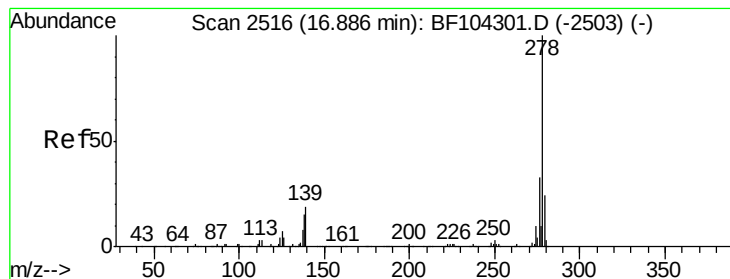
Tot Ion:252 Resp: 35722
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 14.1 10.2 15.2



#89
Benzo(a)pyrene
Concen: 3.617 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:252 Resp: 31937
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 16.8 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 4.205 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01MSD

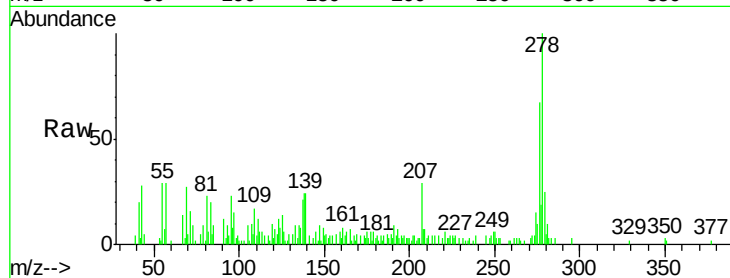
Tot Ion:278 Resp: 30494

Ion Ratio Lower Upper

278 100

139 24.4 15.9 23.9#

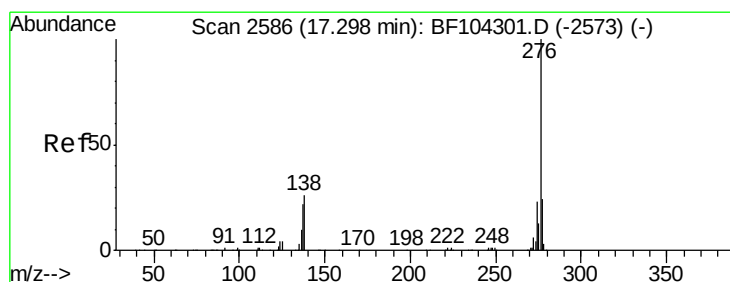
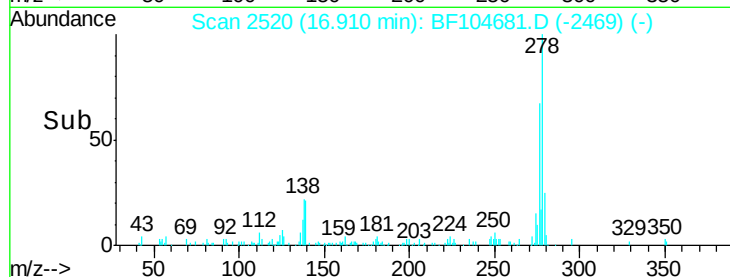
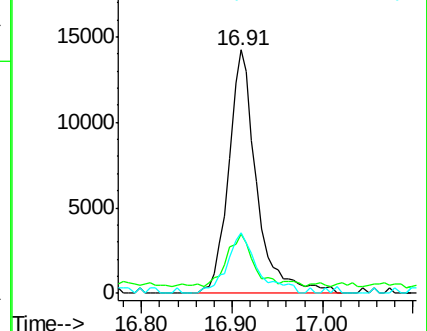
279 24.7 19.0 28.4



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



#91

Benzo(g,h,i)perylene

Concen: 4.329 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.00 min

Lab File: BF104681.D

Acq: 20 Apr 2018 18:20

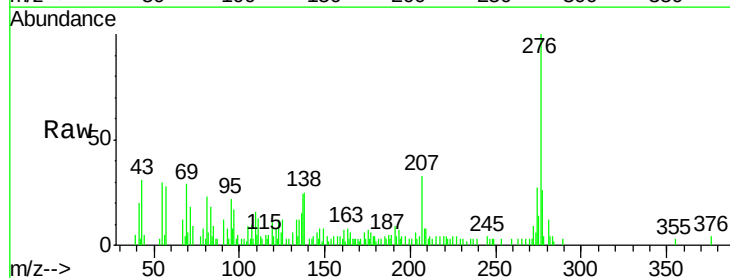
Tgt Ion:276 Resp: 30418

Ion Ratio Lower Upper

276 100

277 26.4 17.9 26.9

138 24.8 21.8 32.8



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

