

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104641.D
 Acq On : 19 Apr 2018 21:11
 Operator : JU/SJ
 Sample : J2457-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 00:57:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	114238	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	426389	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	160019	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	262948	20.00	ng	0.00
75) Chrysene-d12	13.98	240	268978	20.00	ng	0.00
86) Perylene-d12	15.44	264	236333	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	661728	88.57	ng	0.01
7) Phenol-d6	6.45	99	770431	83.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	474337	72.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	148226	89.30	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	675759	66.71	ng	0.00
78) Terphenyl-d14	12.92	244	612201	51.89	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	98584	28.319	ng	89
3) Pyridine	3.30	79	264512	27.025	ng	# 86
4) n-Nitrosodimethylamine	3.25	42	101723	29.731	ng	# 75
6) Aniline	6.47	93	161997	12.702	ng	# 89
8) 2-Chlorophenol	6.59	128	235700	29.890	ng	96
9) Benzaldehyde	6.36	77	128266	24.177	ng	94
10) Phenol	6.46	94	317084	32.555	ng	95
11) bis(2-Chloroethyl)ether	6.54	93	234535	30.175	ng	95
12) 1,3-Dichlorobenzene	6.75	146	248994	27.872	ng	99
13) 1,4-Dichlorobenzene	6.82	146	253974	28.520	ng	100
14) 1,2-Dichlorobenzene	6.97	146	236290	28.633	ng	98
15) Benzyl Alcohol	6.95	79	189252	27.144	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	280037	26.828	ng	88
17) 2-Methylphenol	7.06	107	188934	27.563	ng	97
18) Hexachloroethane	7.32	117	69269	21.817	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	152598	25.439	ng	93
20) 3+4-Methylphenols	7.22	107	233360	27.450	ng	93
22) Acetophenone	7.21	105	310650	29.593	ng	99
24) Nitrobenzene	7.39	77	231418	32.099	ng	98
25) Isophorone	7.63	82	406803	29.461	ng	99
26) 2-Nitrophenol	7.70	139	113081	38.529	ng	95
27) 2,4-Dimethylphenol	7.75	122	190548	31.268	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	273430	32.387	ng	98
29) 2,4-Dichlorophenol	7.95	162	171781	29.543	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	179894	28.191	ng	99
31) Naphthalene	8.11	128	606696	28.575	ng	100
32) Benzoic acid	7.75	122	190548	39.188	ng	# 13
33) 4-Chloroaniline	8.16	127	105496	11.598	ng	97
34) Hexachlorobutadiene	8.22	225	93956	26.881	ng	99
35) Caprolactam	8.51	113	50531	24.911	ng	# 82
36) 4-Chloro-3-methylphenol	8.65	107	168794	27.073	ng	97
37) 2-Methylnaphthalene	8.80	142	375256	27.324	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	152238	33.235	ng	98
40) Hexachlorocyclopentadiene	8.95	237	14656	5.715	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104641.D
 Acq On : 19 Apr 2018 21:11
 Operator : JU/SJ
 Sample : J2457-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 00:57:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

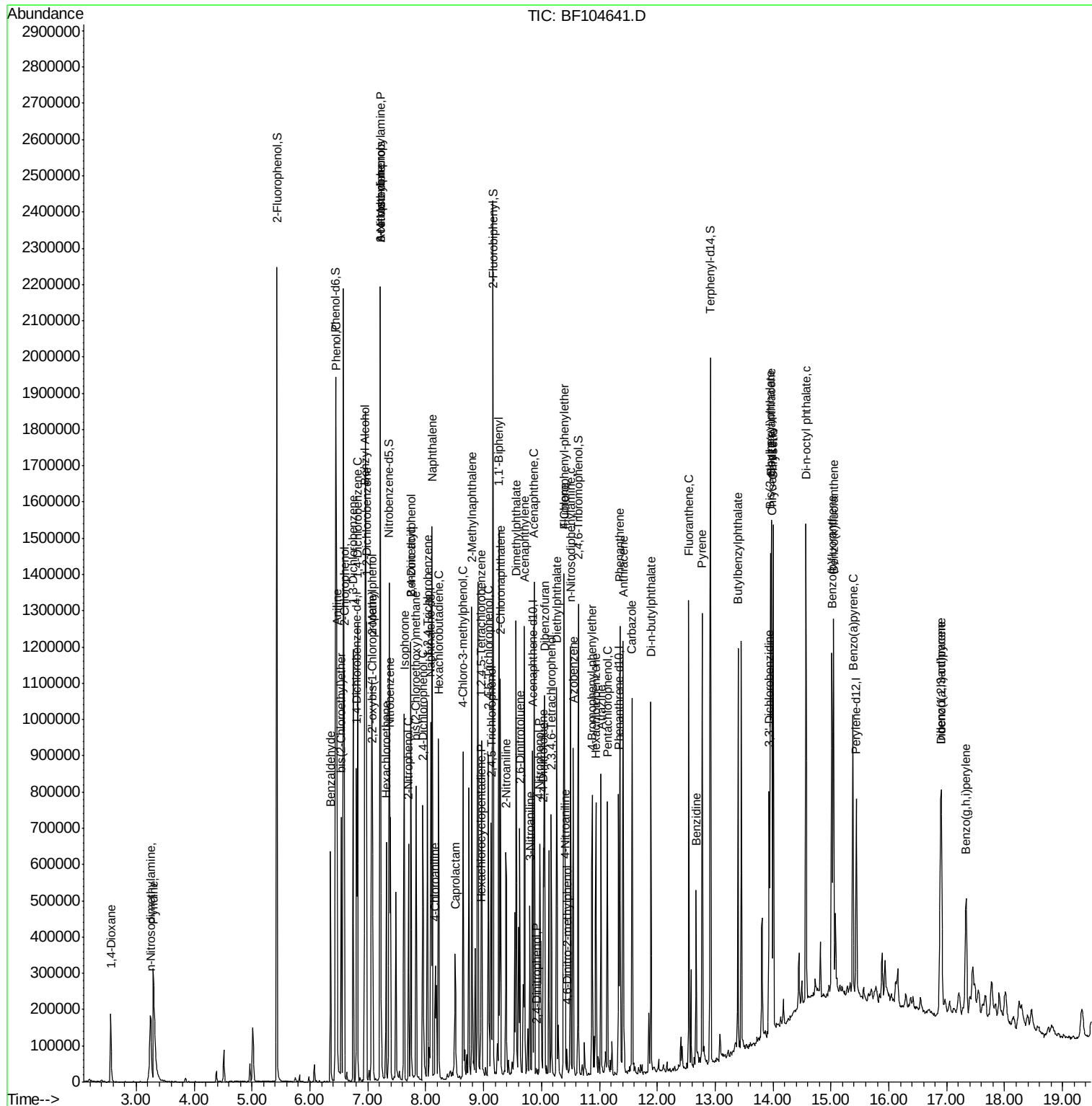
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	103938	32.687	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	106544	29.942	nq	95
45) 1,1'-Biphenyl	9.26	154	418933	31.164	nq	99
46) 2-Chloronaphthalene	9.29	162	322949	30.415	nq	97
47) 2-Nitroaniline	9.39	65	99728	37.979	nq	98
48) Acenaphthylene	9.70	152	472653	28.372	nq	100
49) Dimethylphthalate	9.56	163	495881	39.297	nq	100
50) 2,6-Dinitrotoluene	9.63	165	80202	34.348	nq	97
51) Acenaphthene	9.87	154	271515	26.712	nq	100
52) 3-Nitroaniline	9.80	138	67656	24.750	nq	99
53) 2,4-Dinitrophenol	9.91	184	2226	8.548	nq	# 26
54) Dibenzofuran	10.05	168	403240	28.467	nq	99
55) 4-Nitrophenol	9.97	139	123189	57.370	nq	93
56) 2,4-Dinitrotoluene	10.03	165	96041	31.357	nq	# 94
57) Fluorene	10.39	166	302416	29.331	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	77415	29.162	nq	97
59) Diethylphthalate	10.26	149	353879	28.158	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	140238	30.541	nq	98
61) 4-Nitroaniline	10.41	138	77889	29.142	nq	96
62) Azobenzene	10.55	77	303758	25.299	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	7856	12.543	nq	# 78
65) n-Nitrosodiphenylamine	10.50	169	278971	30.599	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	83299	29.782	nq	91
67) Hexachlorobenzene	10.94	284	89579	28.464	nq	93
68) Atrazine	11.03	200	86531	31.443	nq	99
69) Pentachlorophenol	11.14	266	82646	42.448	nq	97
70) Phenanthrene	11.36	178	423471	28.919	nq	99
71) Anthracene	11.41	178	431192	28.968	nq	99
72) Carbazole	11.57	167	432183	29.713	nq	98
73) Di-n-butylphthalate	11.89	149	490652	27.614	nq	99
74) Fluoranthene	12.55	202	470561	30.757	nq	99
76) Benzidine	12.67	184	188159	16.520	nq	98
77) Pyrene	12.77	202	480357	24.093	nq	99
79) Butylbenzylphthalate	13.39	149	229584	24.442	nq	99
80) Benzo(a)anthracene	13.97	228	477065	29.688	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	149944	25.027	nq	# 98
82) Chrysene	14.00	228	456152	27.637	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	349462	28.925	nq	99
84) Di-n-octyl phthalate	14.57	149	621991	30.811	nq	95
85) Indeno(1,2,3-cd)pyrene	16.90	276	345892	24.669	nq	97
87) Benzo(b)fluoranthene	15.02	252	417102	27.944	nq	98
88) Benzo(k)fluoranthene	15.04	252	417174	29.604	nq	99
89) Benzo(a)pyrene	15.38	252	378499	28.341	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	296643	27.044	nq	98
91) Benzo(g,h,i)perylene	17.33	276	265247	24.960	nq	97

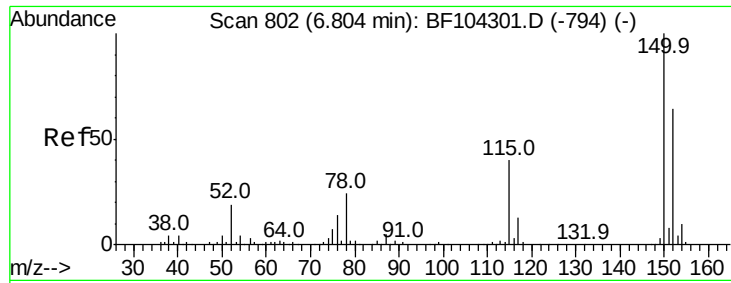
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104641.D
 Acq On : 19 Apr 2018 21:11
 Operator : JU/SJ
 Sample : J2457-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :

Quant Time: Apr 20 00:57:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration



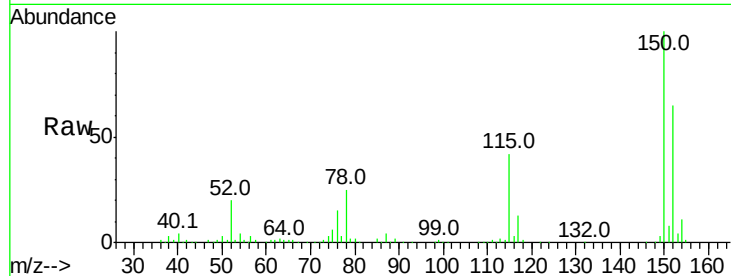


#1

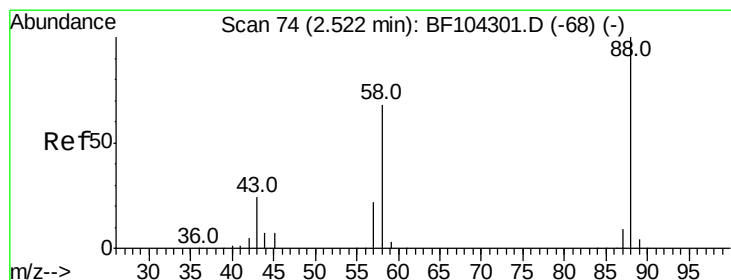
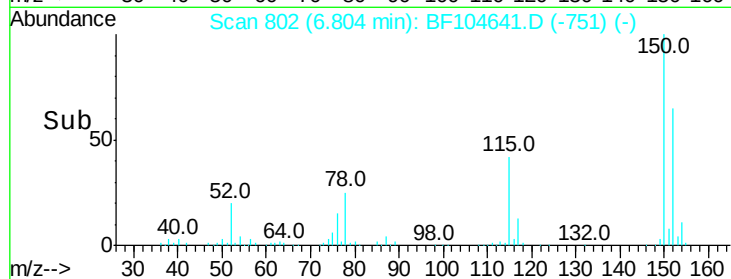
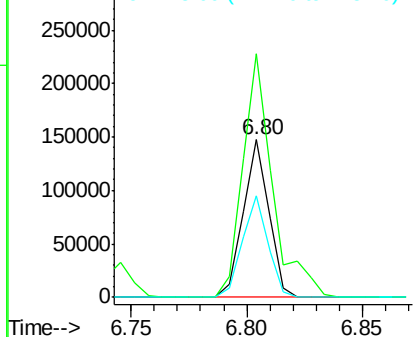
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114238
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 64.1 50.1 75.1



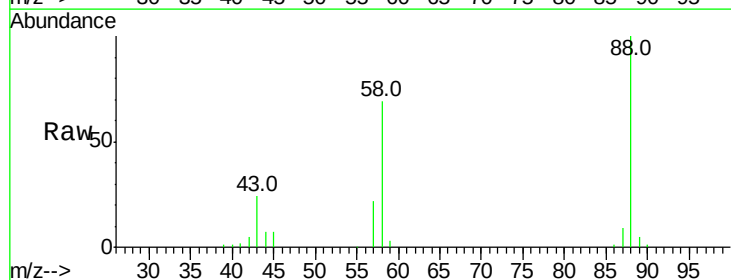
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



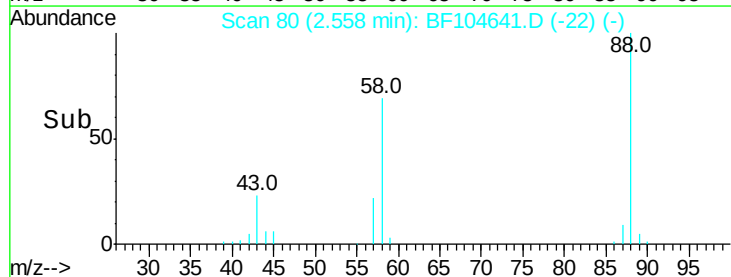
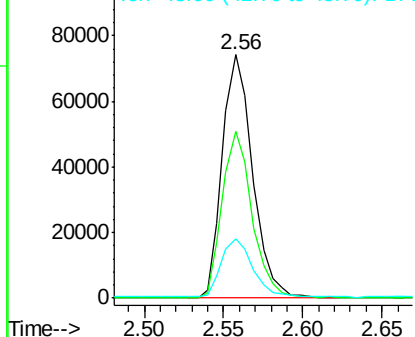
#2

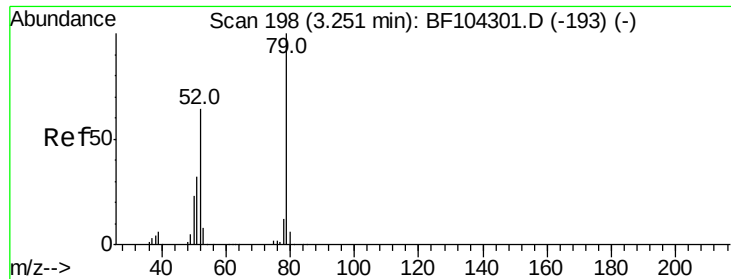
1,4-Dioxane
Concen: 28.319 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.04 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Tgt Ion: 88 Resp: 98584
Ion Ratio Lower Upper
88 100
58 67.8 62.6 93.8
43 25.3 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

Pvrirdine

Concen: 27.025 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.05 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampleId :

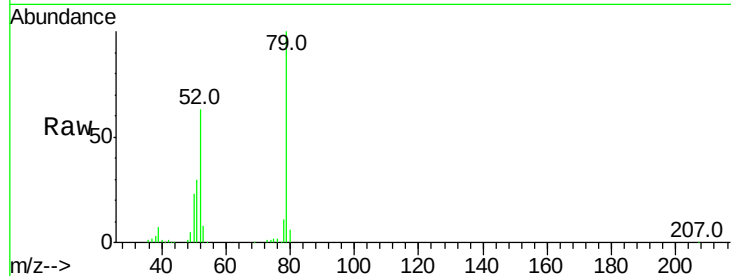
Tot Ion: 79 Resp: 264512

Ion Ratio Lower Upper

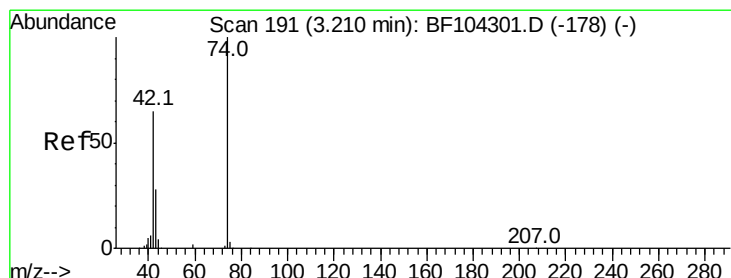
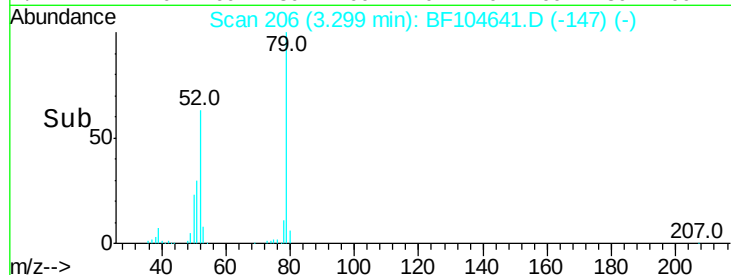
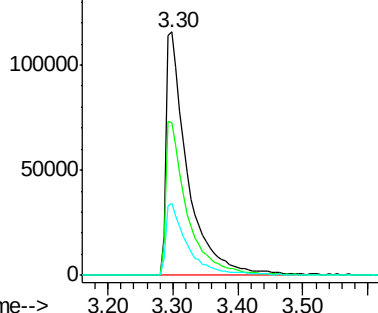
79 100

52 62.6 59.8 89.6

51 29.5 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: 29.731 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.02 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

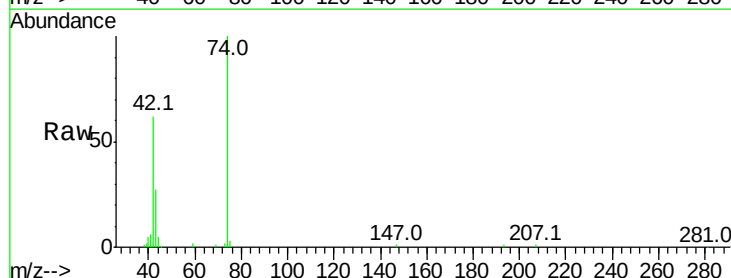
Tgt Ion: 42 Resp: 101723

Ion Ratio Lower Upper

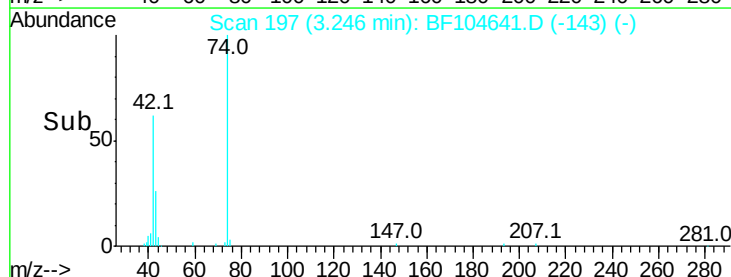
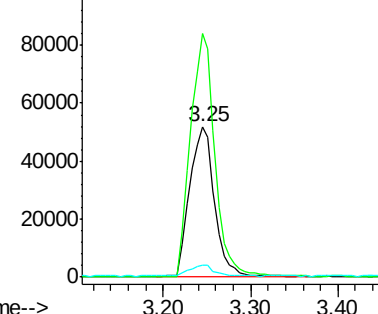
42 100

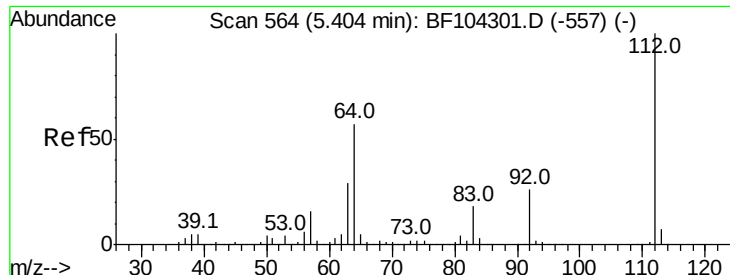
74 161.9 104.9 157.3#

44 7.5 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

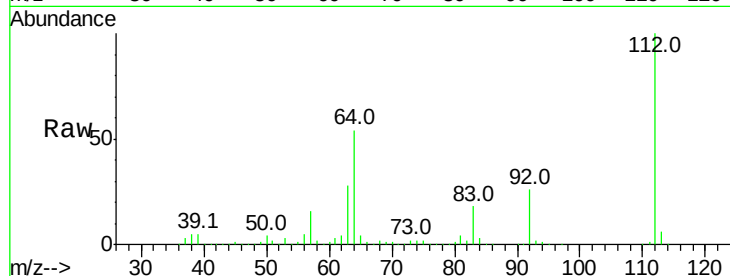




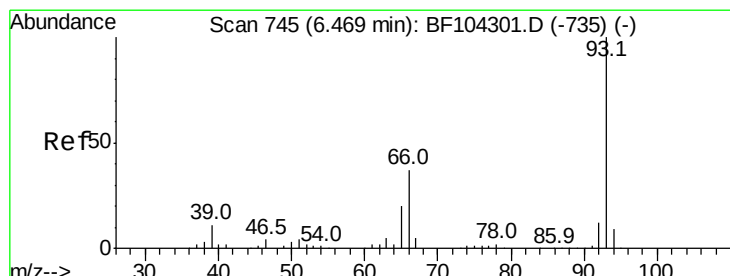
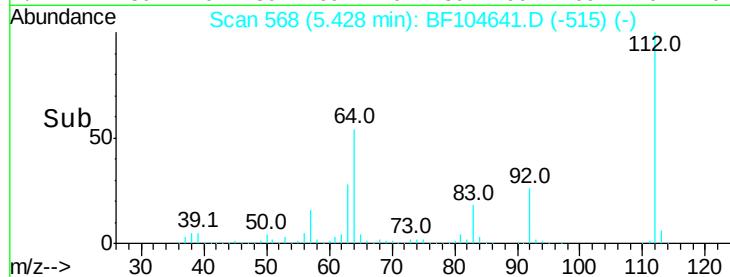
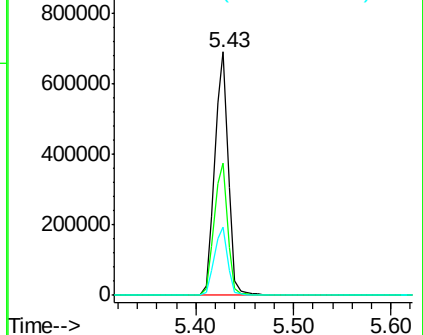
#5
 2-Fluorophenol
 Concen: 88.571 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 661728
 Ion Ratio Lower Upper
 112 100
 64 54.1 47.9 71.9
 63 28.3 23.7 35.5

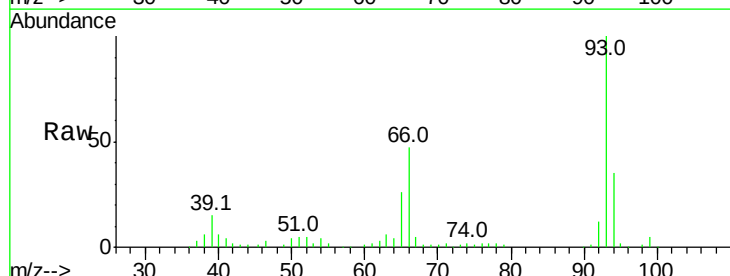


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

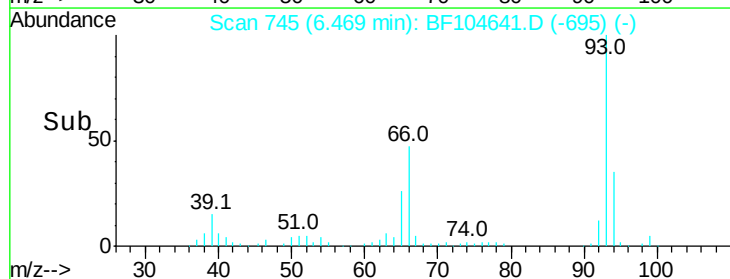
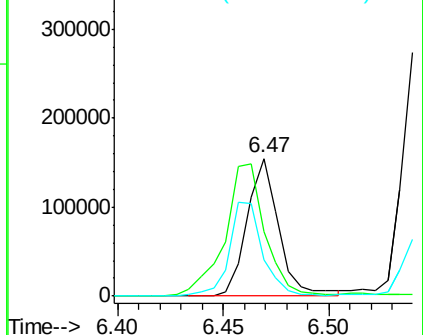


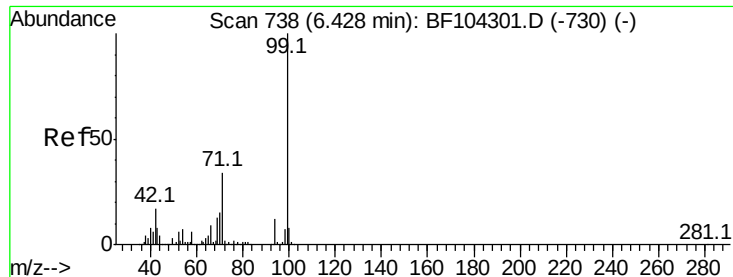
#6
 Aniline
 Concen: 12.702 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Tgt Ion: 93 Resp: 161997
 Ion Ratio Lower Upper
 93 100
 66 46.8 32.2 48.2
 65 26.1 16.4 24.6#



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: 83.928 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampled :

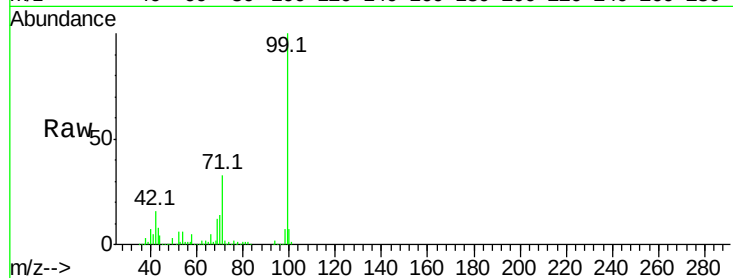
Tot Ion: 99 Resp: 770431

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

71 33.0 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

6.45

800000

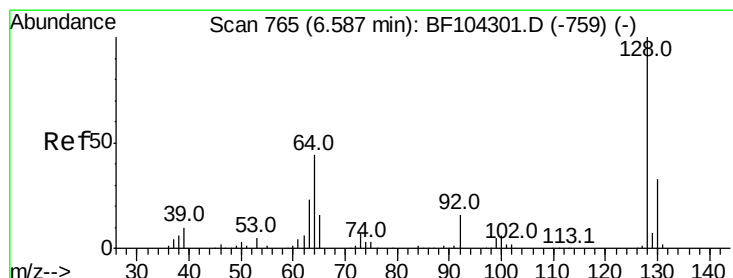
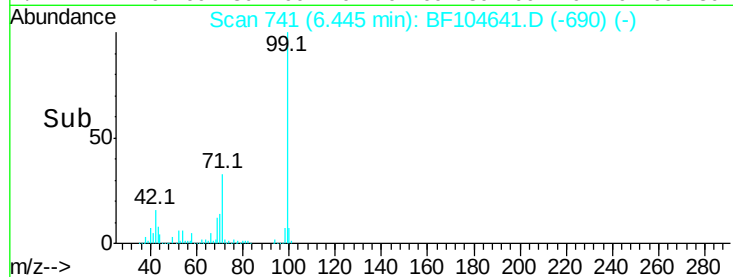
600000

400000

200000

0

Time-->



#8

2-Chlorophenol

Concen: 29.890 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

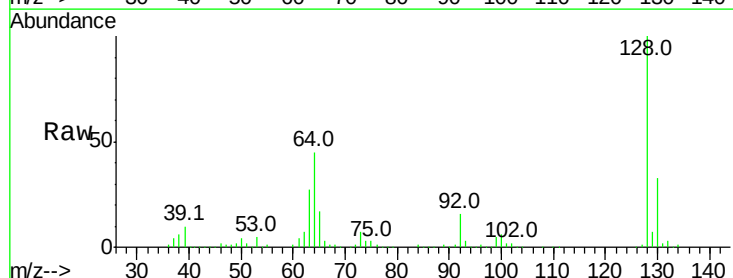
Tgt Ion: 128 Resp: 235700

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 44.9 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

6.59

400000

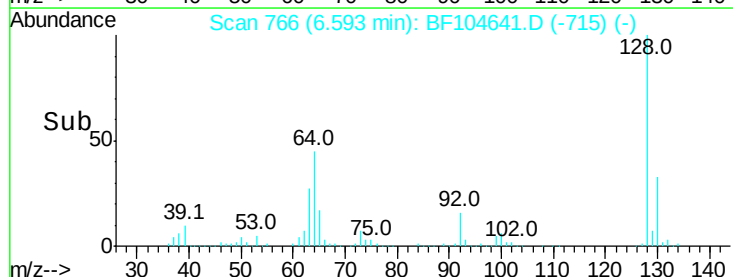
300000

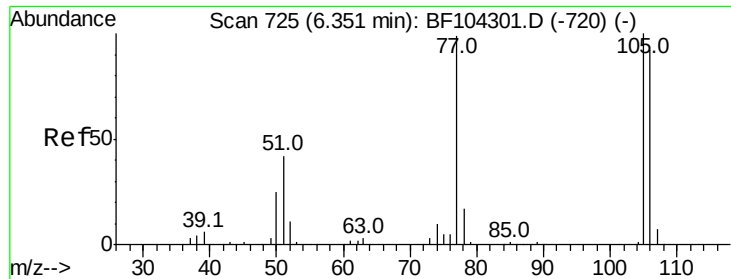
200000

100000

0

Time-->





#9

Benzaldehyde

Concen: 24.177 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampleId :

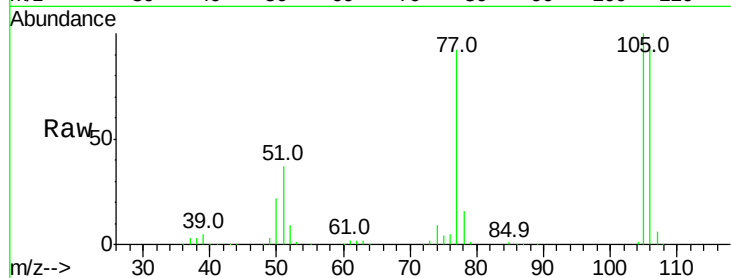
Tot Ion: 77 Resp: 128266

Ion Ratio Lower Upper

77 100

105 108.1 81.1 121.1

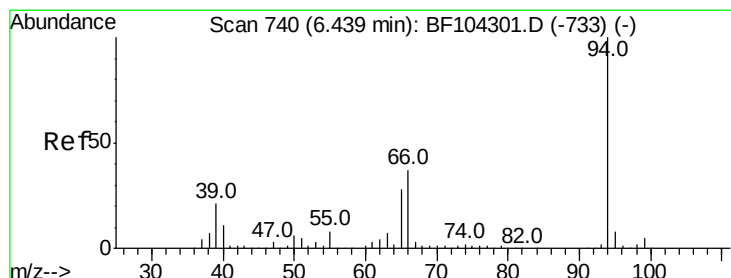
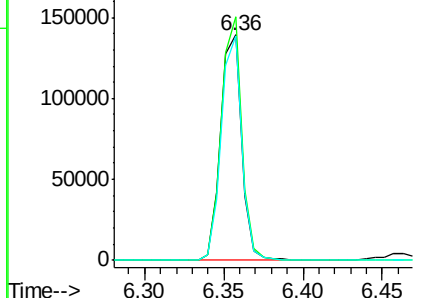
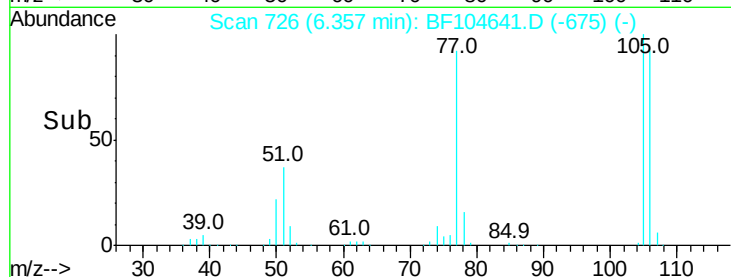
106 99.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.555 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

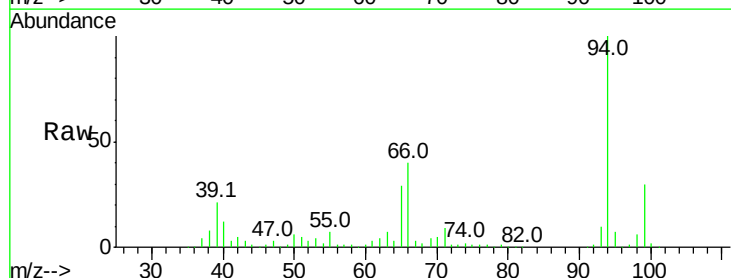
Tgt Ion: 94 Resp: 317084

Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

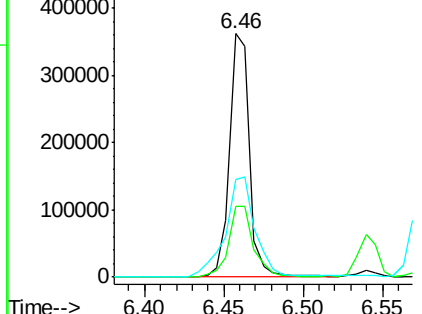
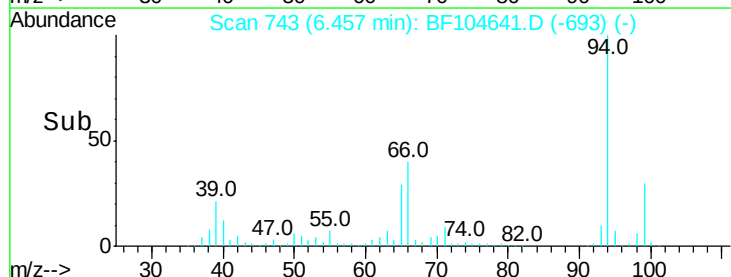
66 40.3 16.2 56.2

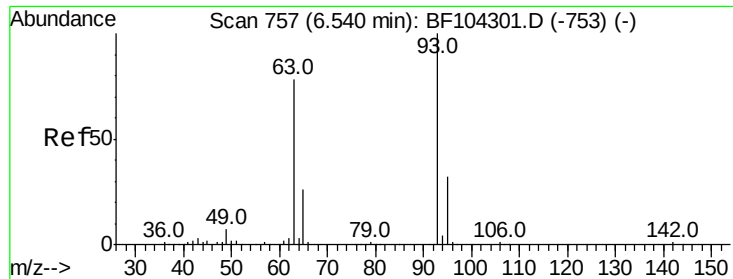


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

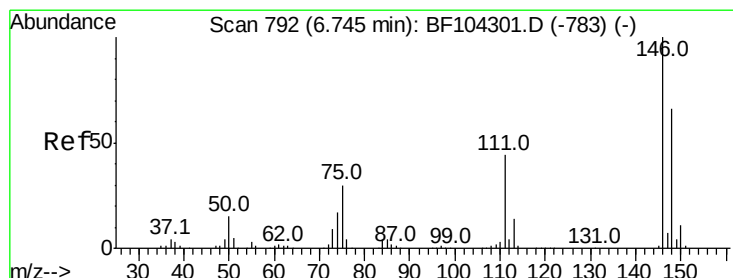
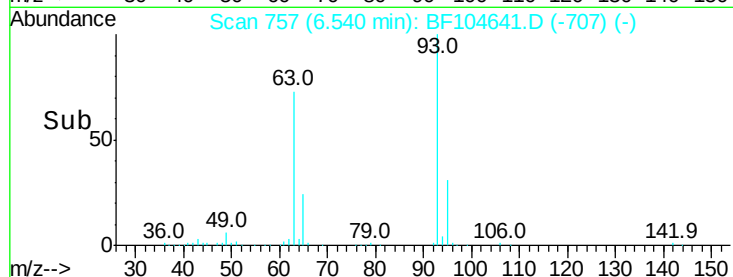
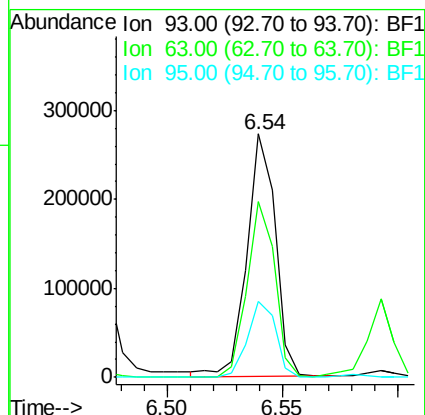
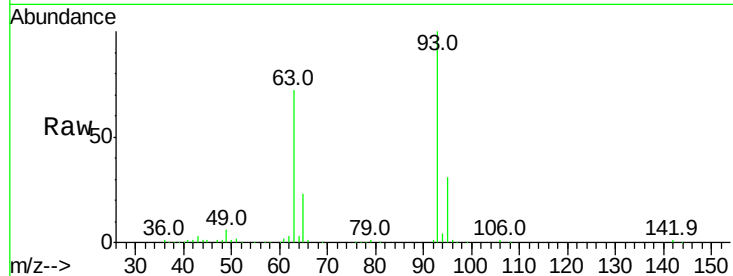




#11
bis(2-Chloroethyl)ether
Concen: 30.175 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

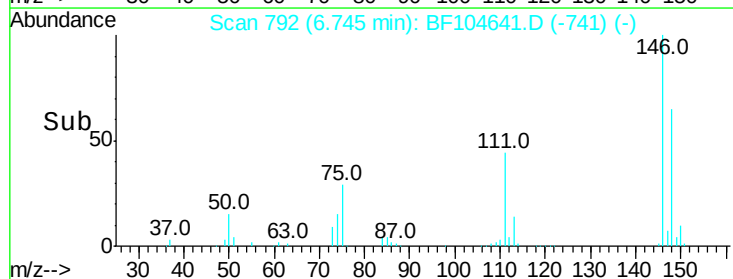
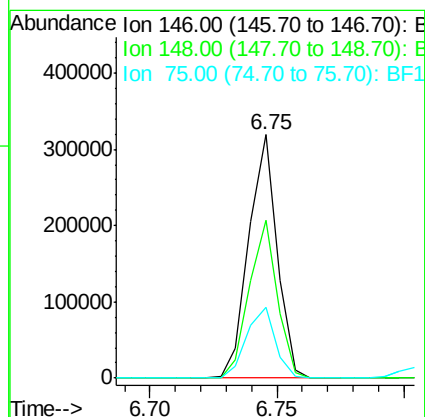
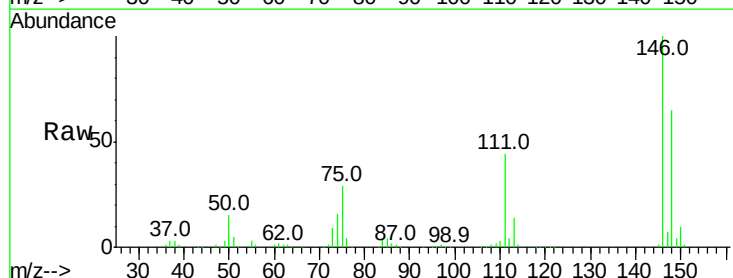
Instrument :
BNA_F
ClientSampleId :

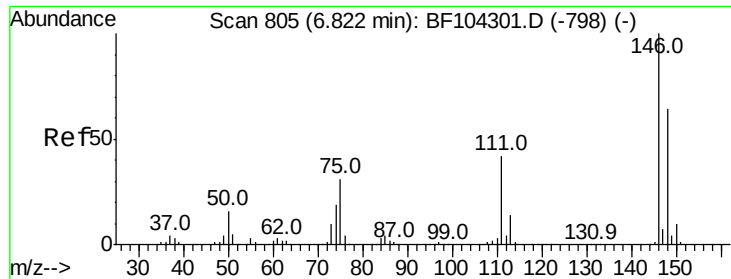
Tot Ion: 93 Resp: 234535
Ion Ratio Lower Upper
93 100
63 72.4 58.6 98.6
95 31.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 27.872 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Tgt Ion: 146 Resp: 248994
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 29.2 24.2 36.4

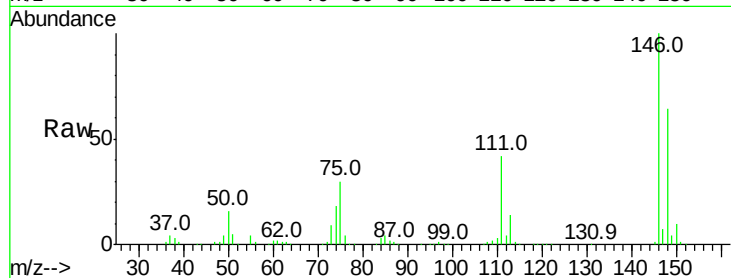




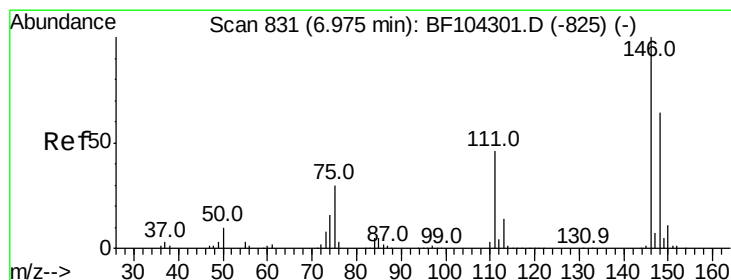
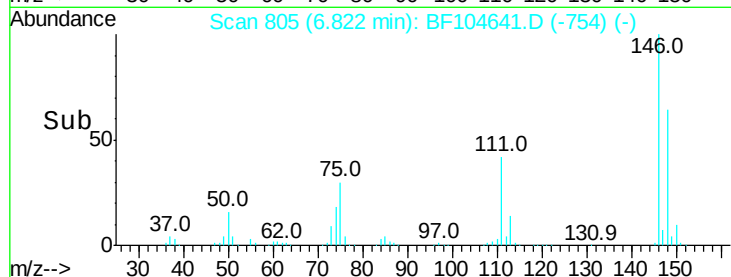
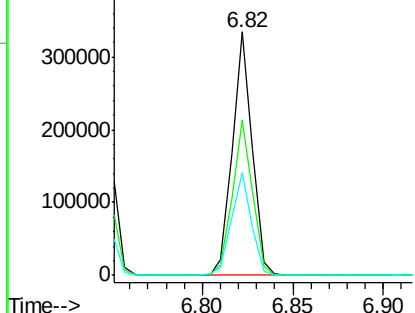
#13
 1,4-Dichlorobenzene
 Concen: 28.520 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 253974
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 42.3 34.2 51.2

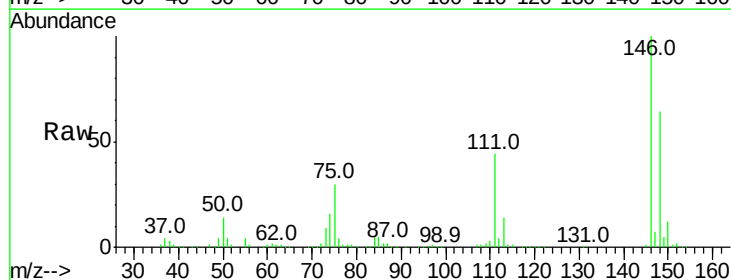


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

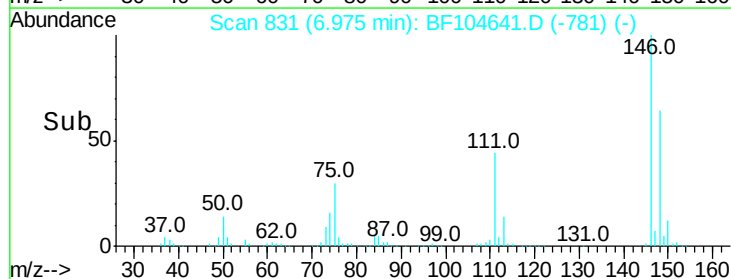
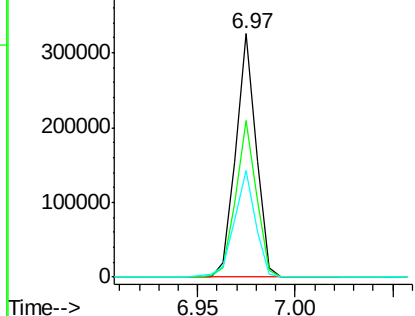


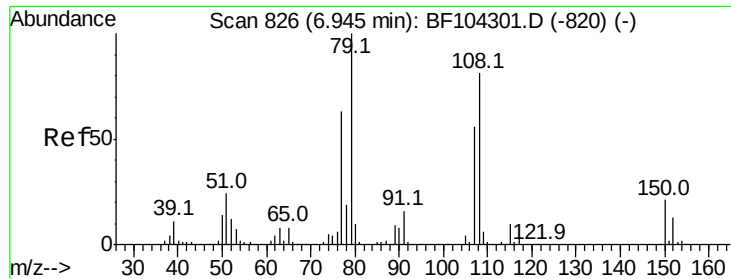
#14
 1,2-Dichlorobenzene
 Concen: 28.633 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Tgt Ion:146 Resp: 236290
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 44.0 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 27.144 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampled :

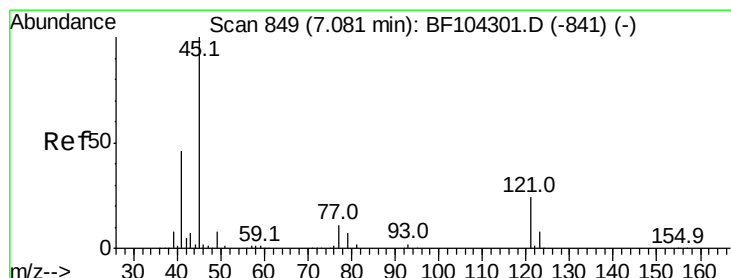
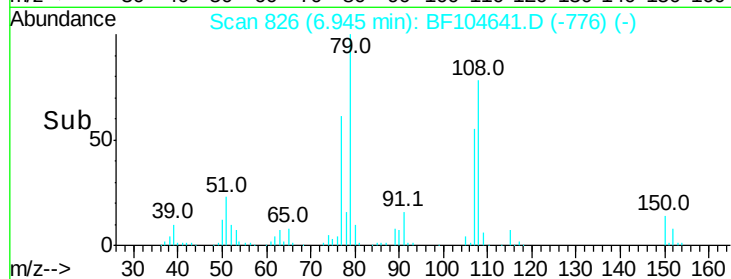
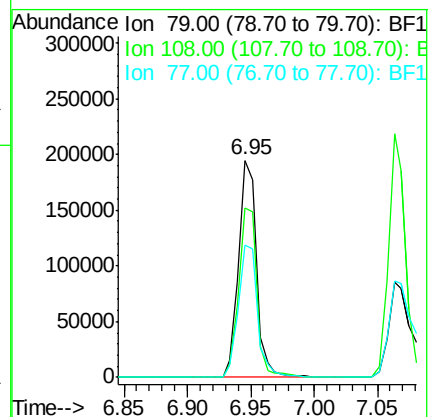
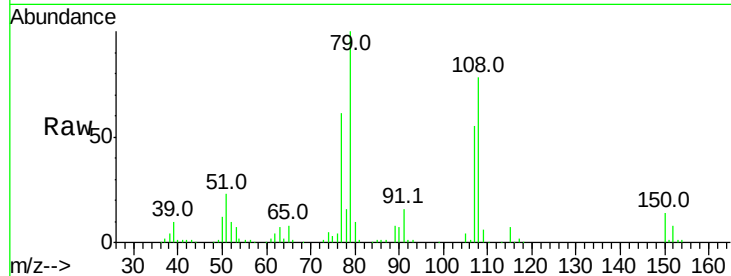
Tot Ion: 79 Resp: 189252

Ion Ratio Lower Upper

79 100

108 78.4 65.1 97.7

77 60.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 26.828 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

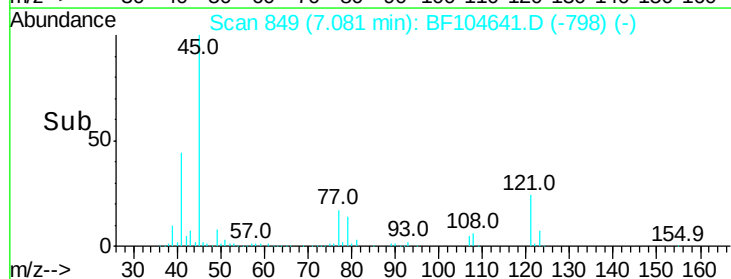
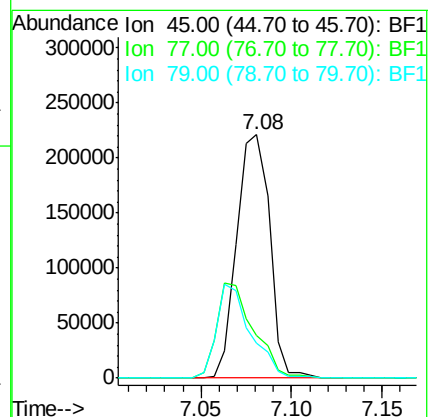
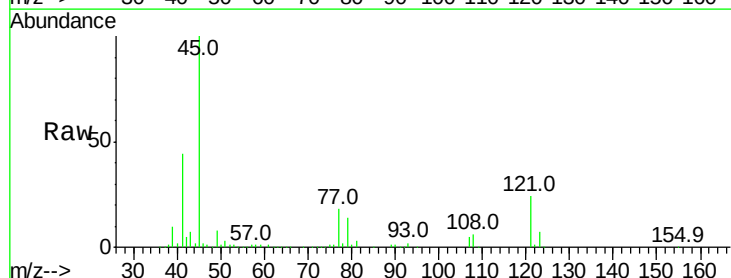
Tgt Ion: 45 Resp: 280037

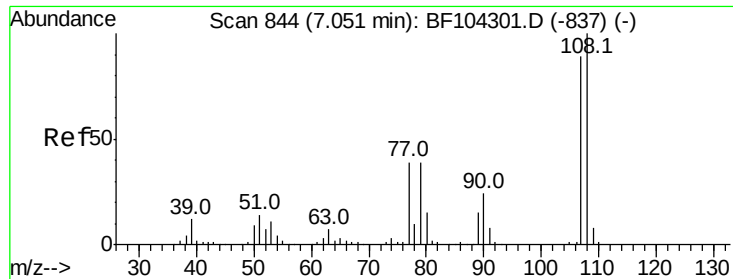
Ion Ratio Lower Upper

45 100

77 17.6 0.0 32.9

79 14.2 0.0 29.6





#17

2-Methylphenol

Concen: 27.563 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 188934

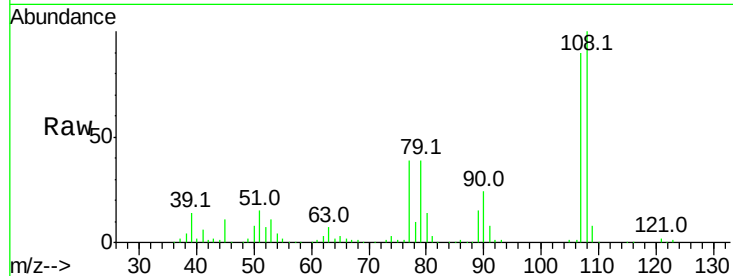
Ion Ratio Lower Upper

107 100

108 110.9 91.7 137.5

77 43.6 33.8 50.8

79 43.1 33.8 50.8

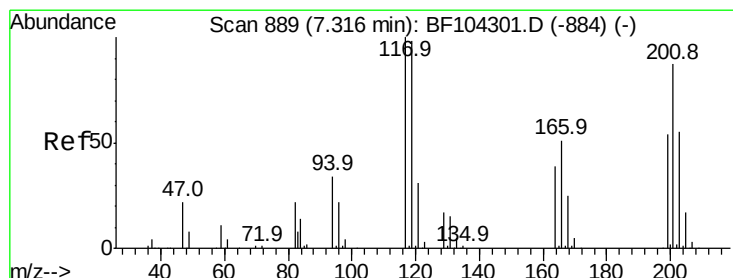
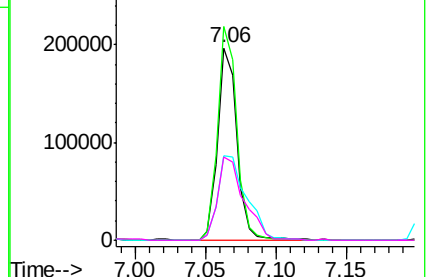
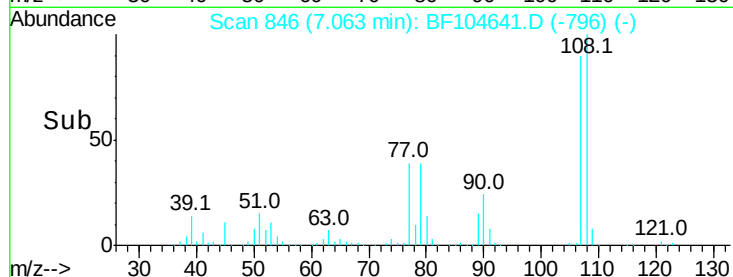


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 21.817 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

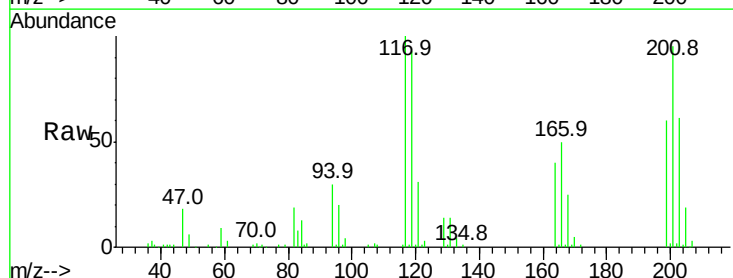
Tgt Ion:117 Resp: 69269

Ion Ratio Lower Upper

117 100

119 92.8 75.8 113.8

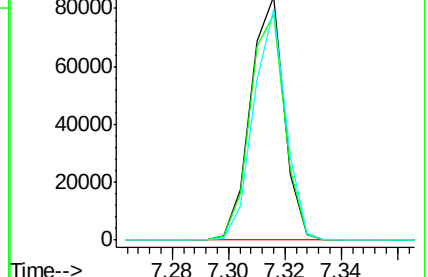
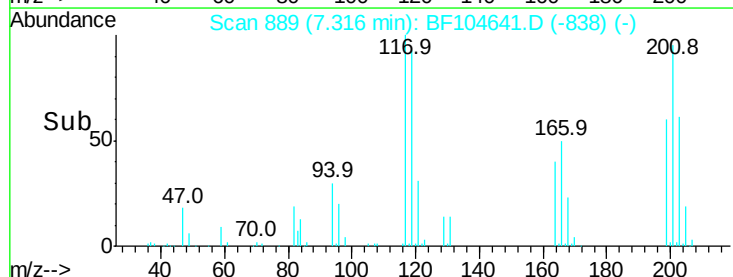
201 94.6 75.7 113.5

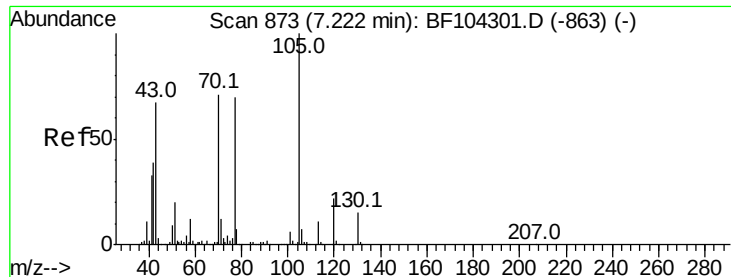


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

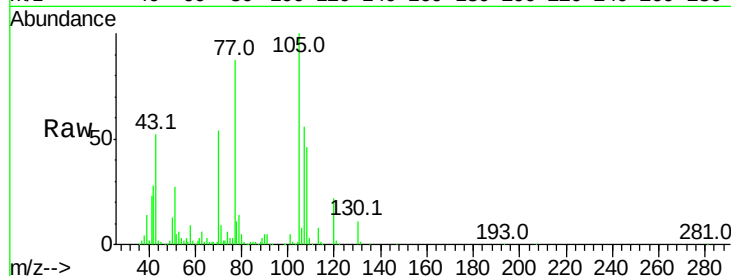




#19
n-Nitroso-di-n-propylamine
Concen: 25.439 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	152598
Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	9.9	7.4	11.2
130	21.3	16.6	25.0



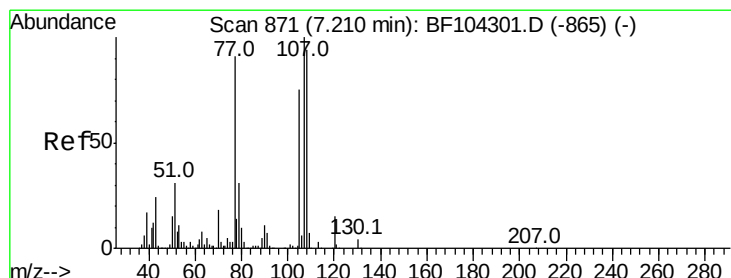
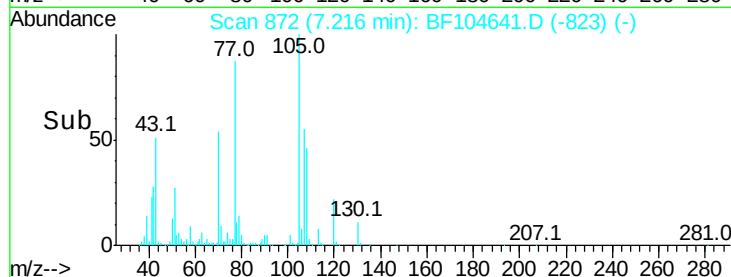
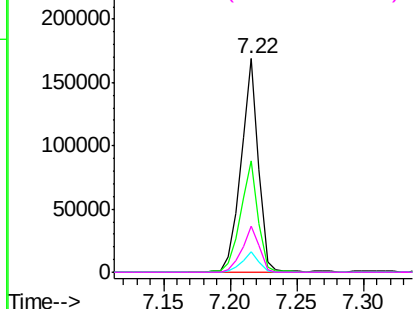
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

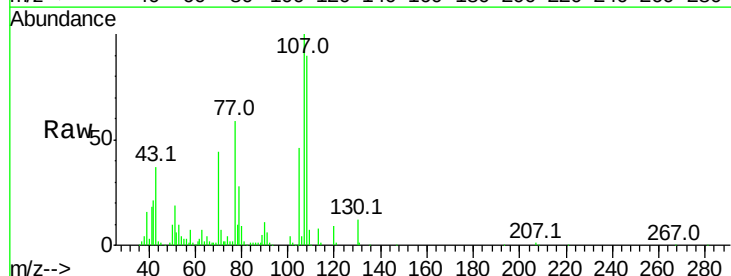
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 27.450 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Tgt Ion:	107	Resp:	233360
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	59.0	26.7	66.7
79	28.4	6.3	46.3



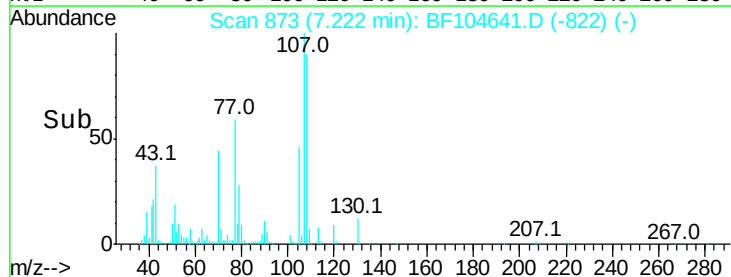
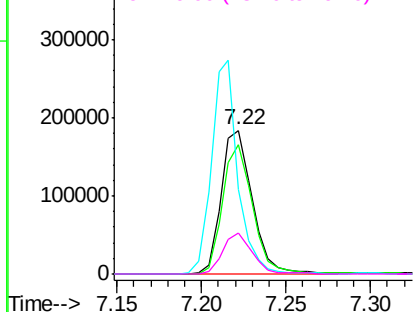
Abundance

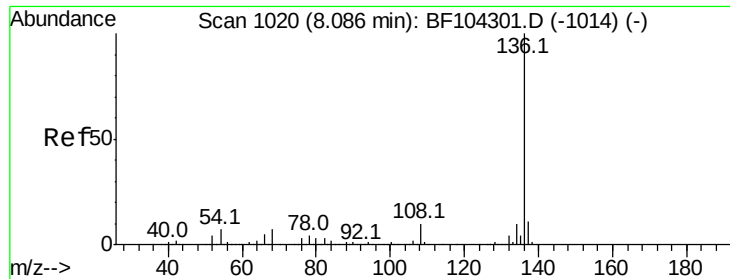
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

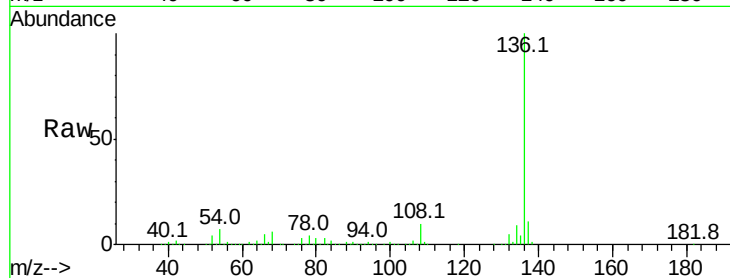




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	426389
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 7.1	6.6	9.8
68 6.4	5.0	7.4



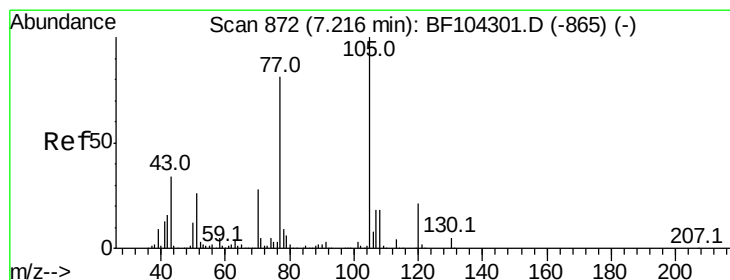
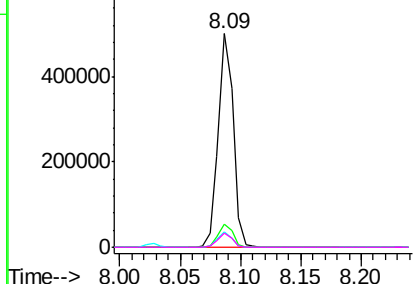
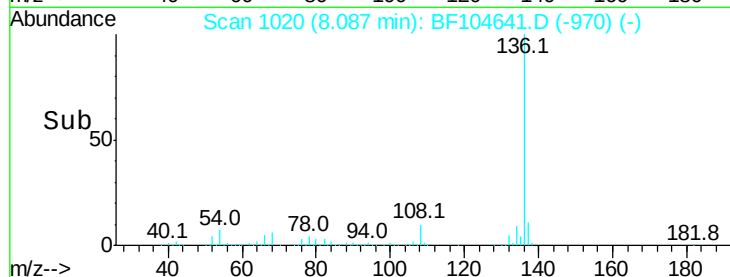
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

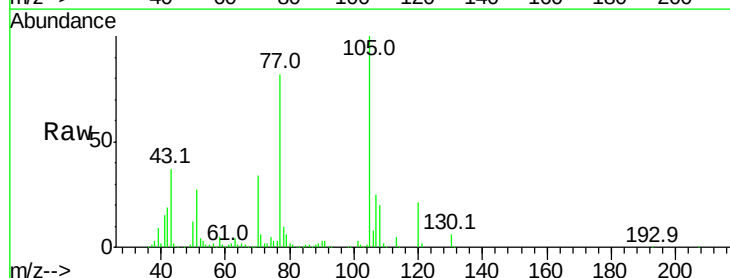
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 29.593 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Tgt Ion	Ion:105	Resp:	310650
105	Ratio 100	Lower	Upper
71	5.9	4.4	6.6
51	27.1	22.3	33.5
120	20.7	16.9	25.3



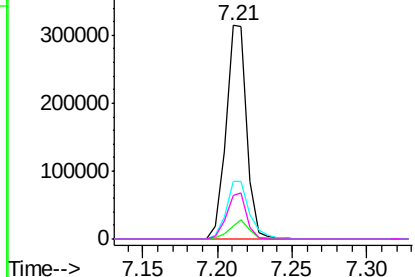
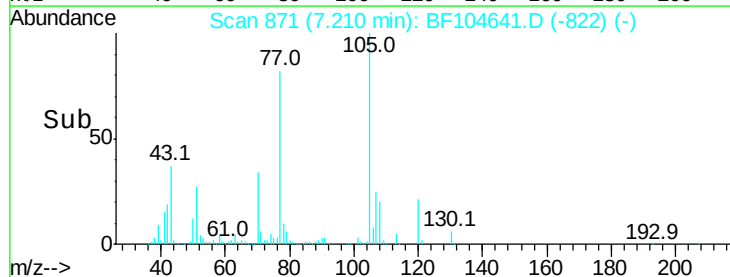
Abundance

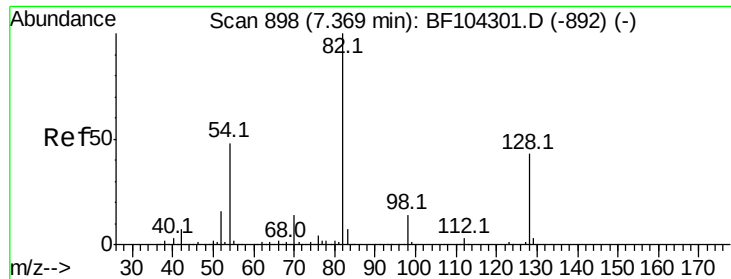
Ion 105.00 (104.70 to 105.70): E

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

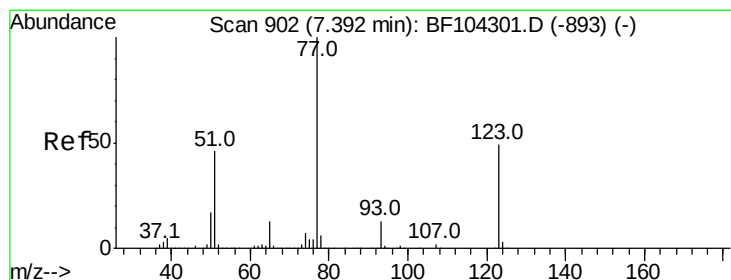
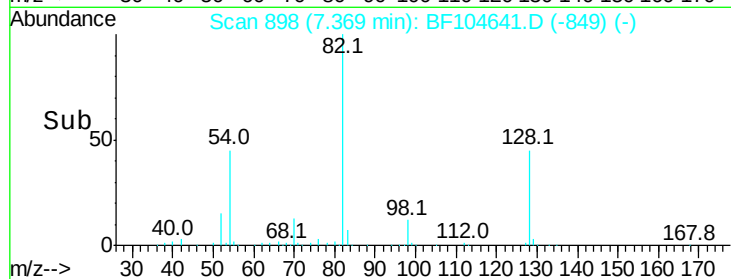
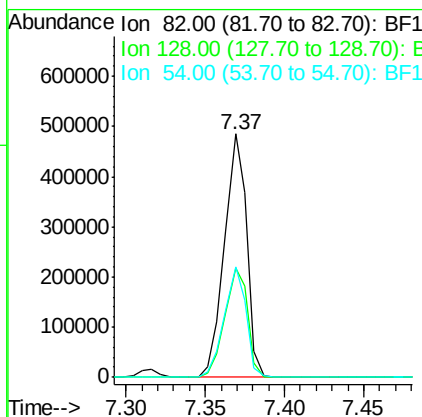
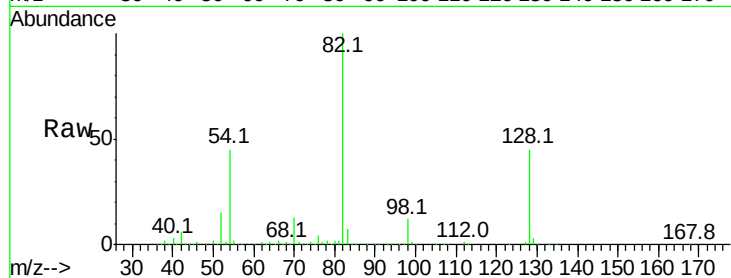




#23
 Nitrobenzene-d5
 Concen: 72.641 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

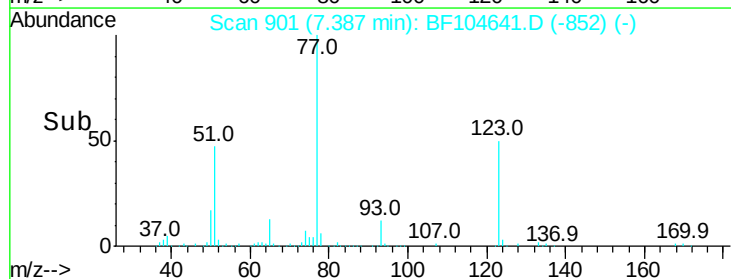
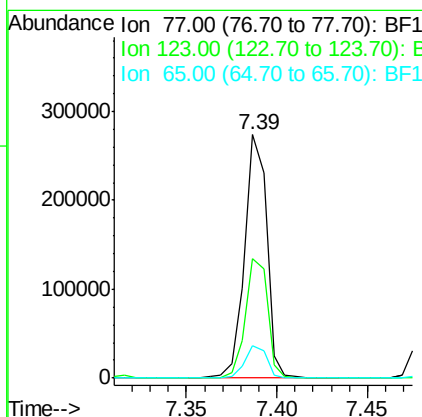
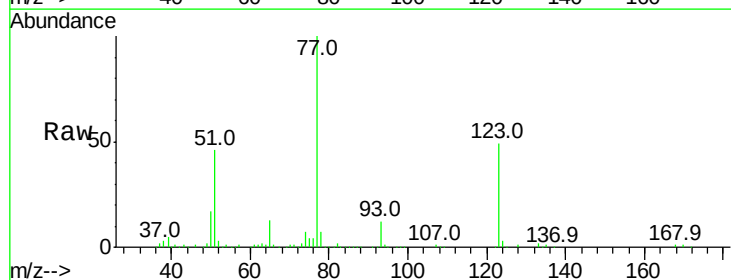
Instrument :
 BNA_F
 ClientSampleId :

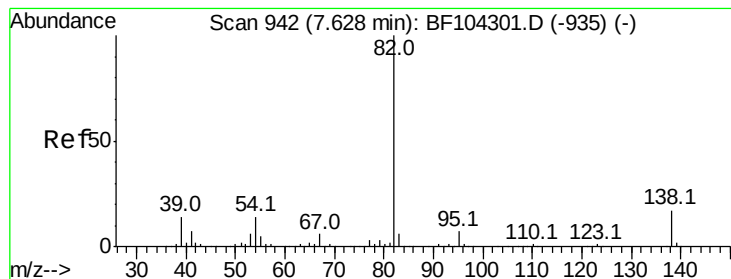
Tot Ion: 82 Resp: 474337
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 45.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 32.099 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Tgt Ion: 77 Resp: 231418
 Ion Ratio Lower Upper
 77 100
 123 49.3 37.9 56.9
 65 13.2 11.0 16.4





#25

Isophorone

Concen: 29.461 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampleId :

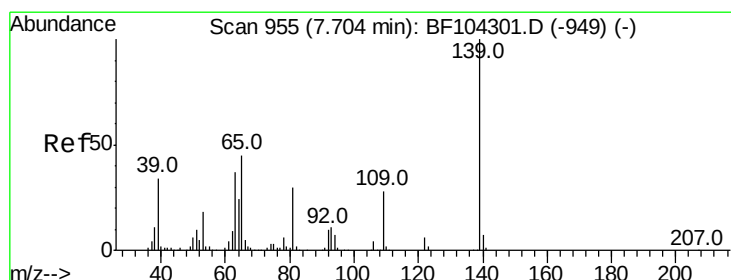
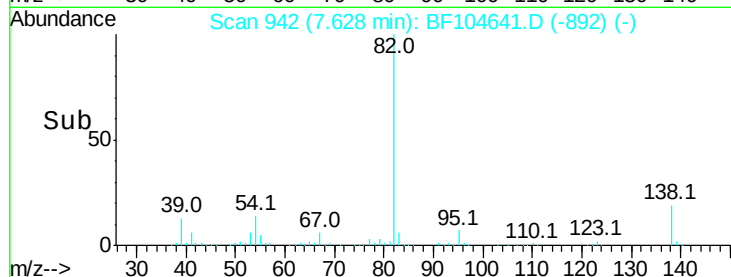
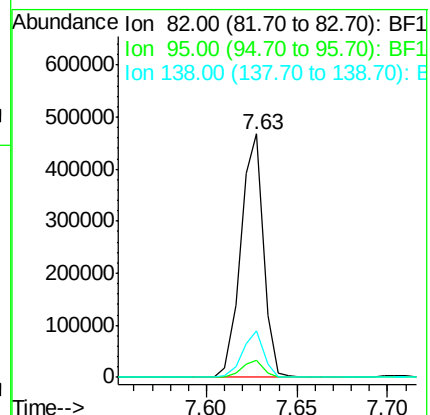
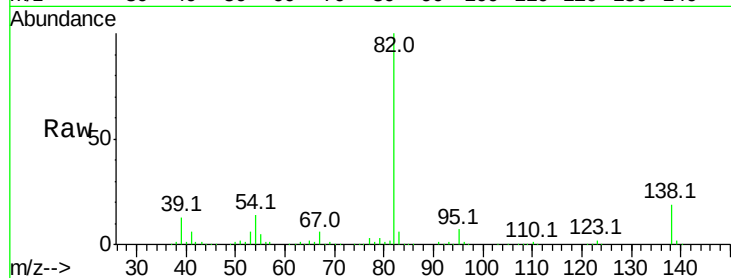
Tot Ion: 82 Resp: 406803

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 19.2 14.9 22.3



#26

2-Nitrophenol

Concen: 38.529 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

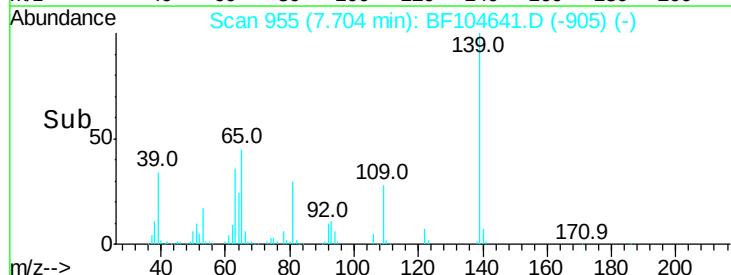
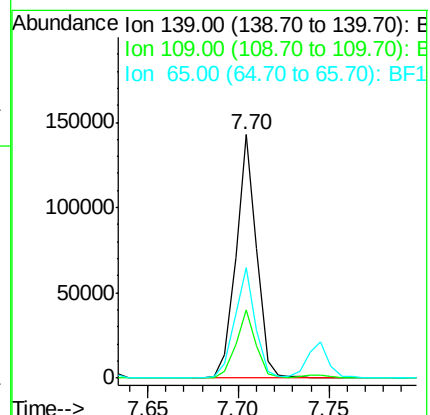
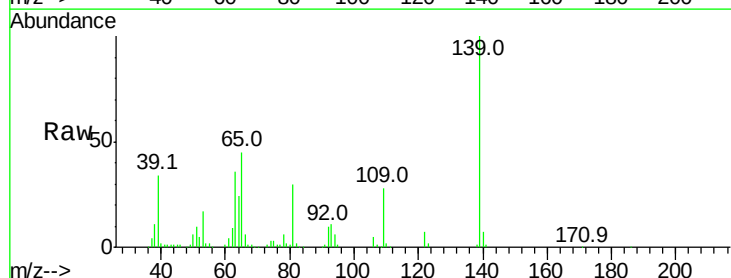
Tgt Ion: 139 Resp: 113081

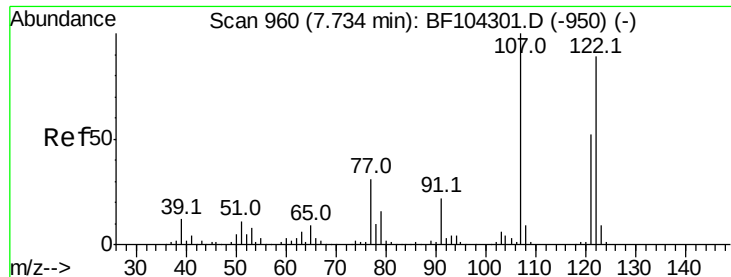
Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

65 45.5 40.5 60.7

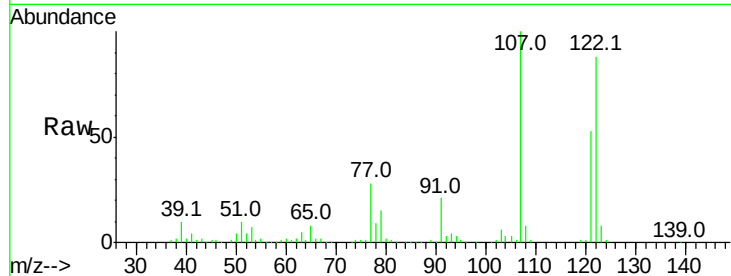




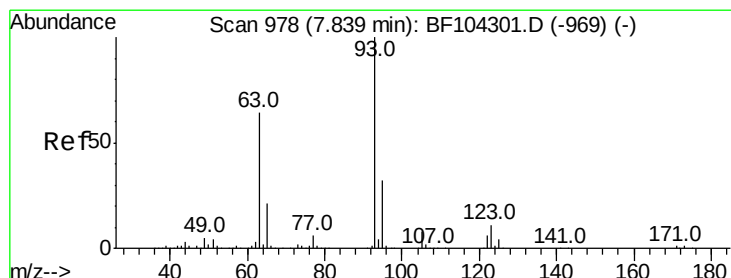
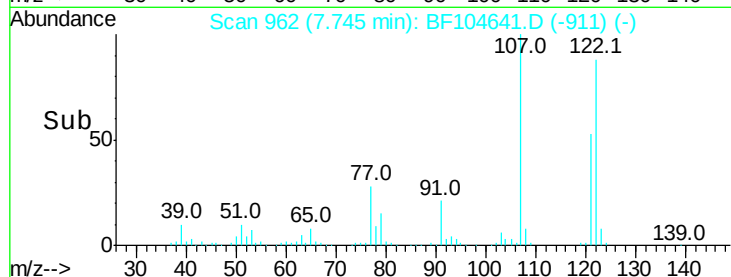
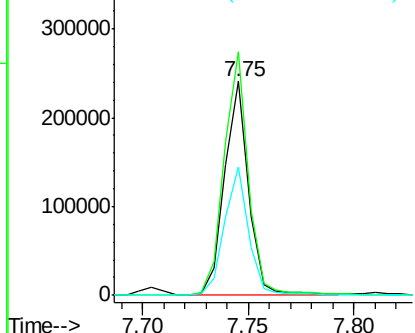
#27
2,4-Dimethylphenol
Concen: 31.268 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 190548
Ion Ratio Lower Upper
122 100
107 113.9 91.2 136.8
121 59.9 47.2 70.8

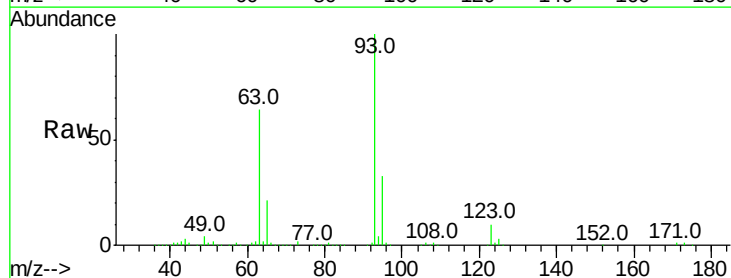


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

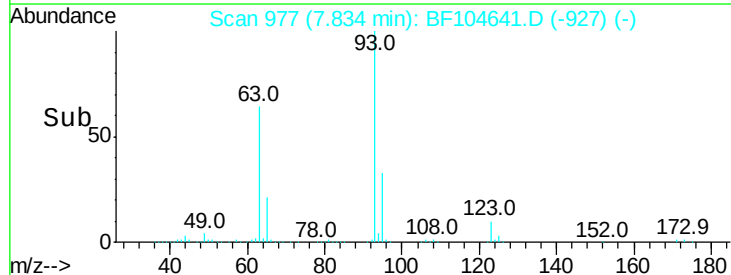
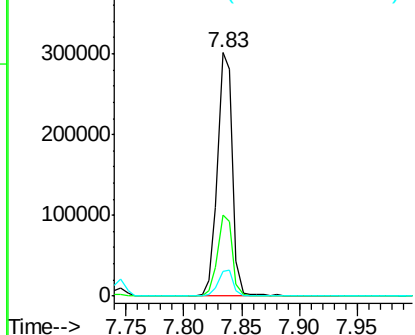


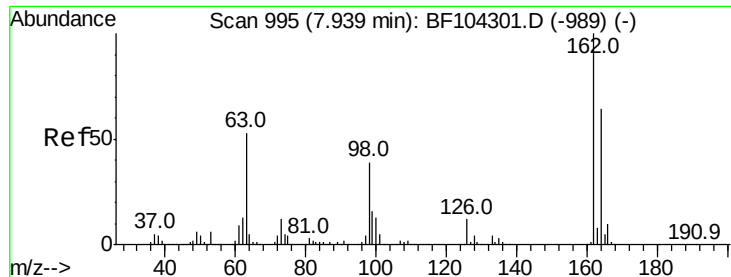
#28
bis(2-Chloroethoxy)methane
Concen: 32.387 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Tgt Ion: 93 Resp: 273430
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 10.2 9.8 14.6



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

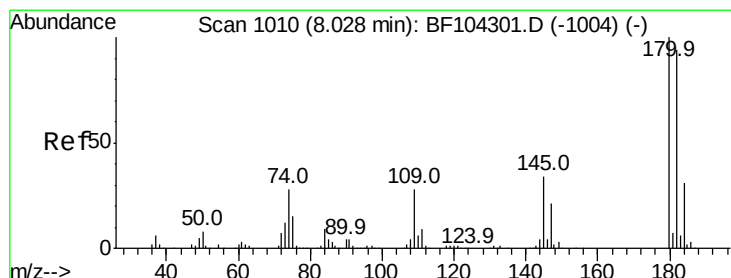
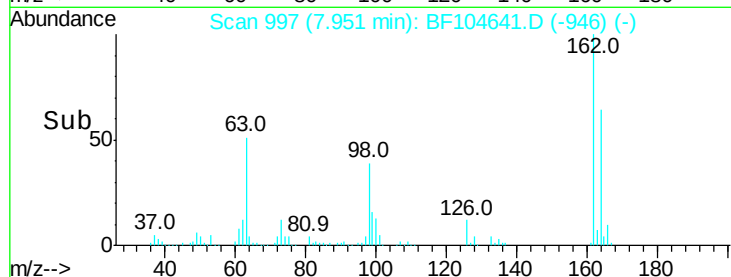
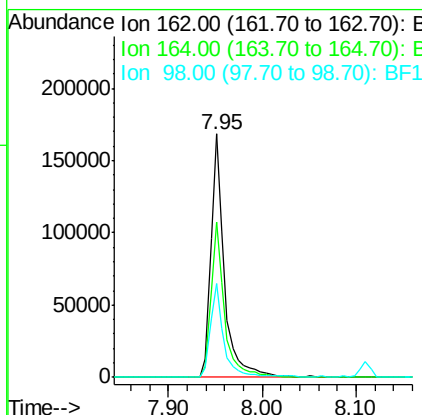
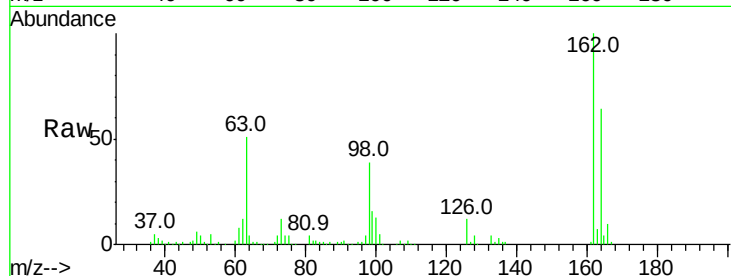




#29
2,4-Dichlorophenol
Concen: 29.543 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

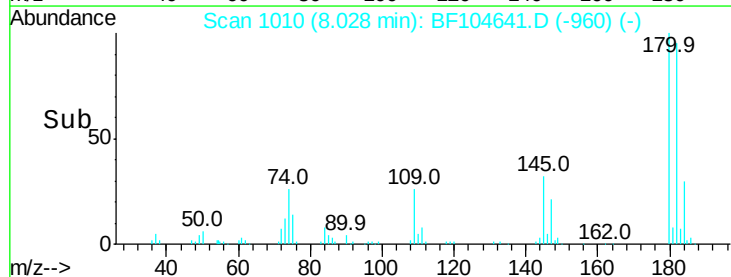
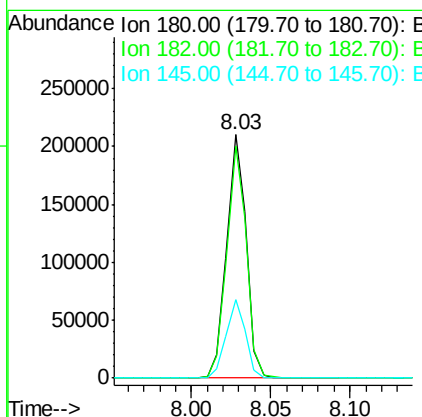
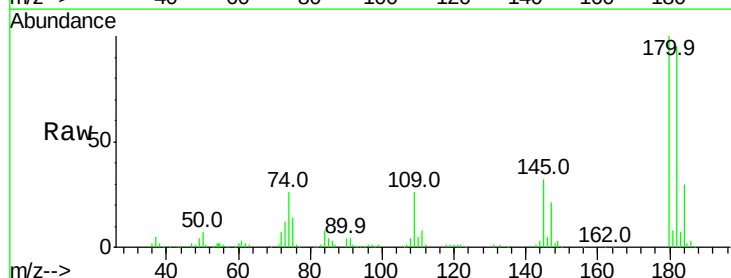
Instrument :
BNA_F
ClientSampleId :

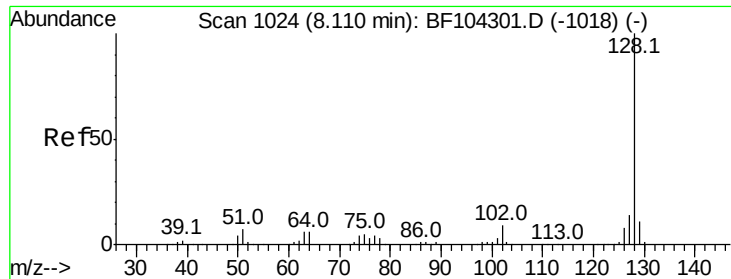
Tot Ion:162 Resp: 171781
Ion Ratio Lower Upper
162 100
164 64.0 42.7 82.7
98 38.7 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 28.191 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Tgt Ion:180 Resp: 179894
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 32.4 26.5 39.7

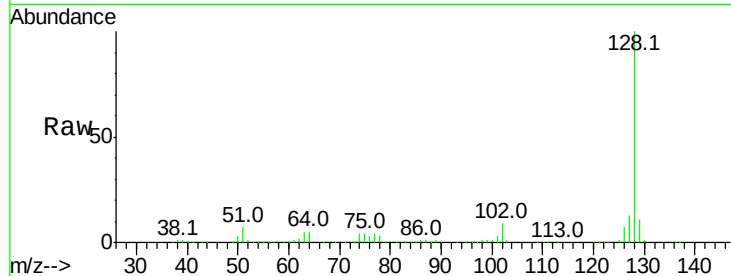




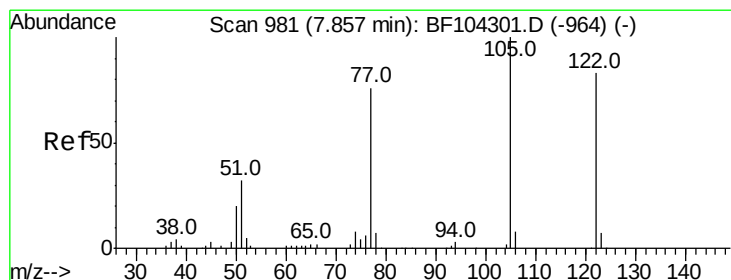
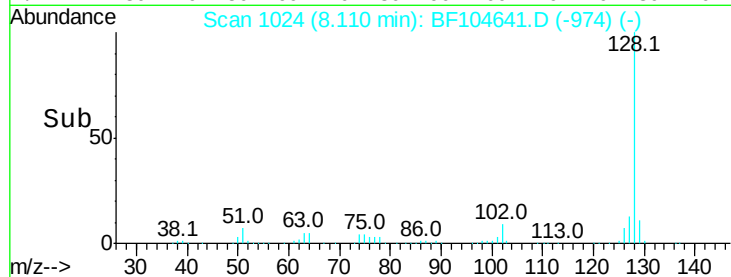
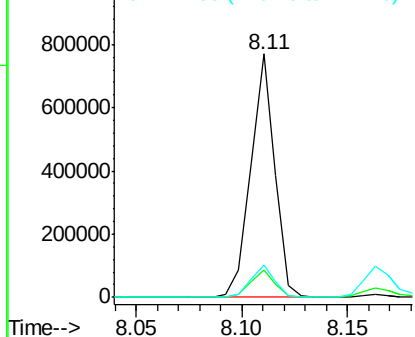
#31
Naphthalene
Concen: 28.575 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 606696
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.9 16.3

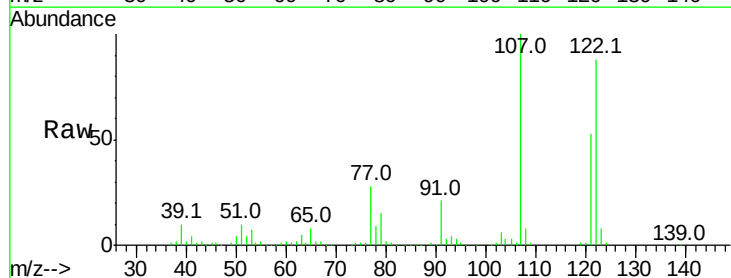


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

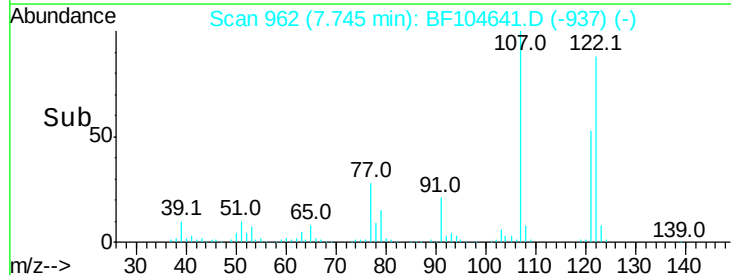
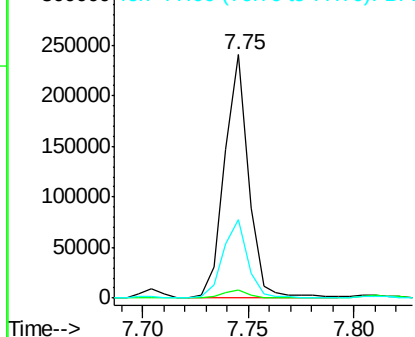


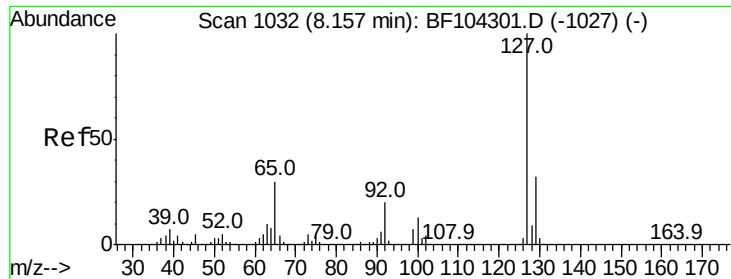
#32
Benzoic acid
Concen: 39.188 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.15 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Tgt Ion:122 Resp: 190548
Ion Ratio Lower Upper
122 100
105 3.3 101.1 141.1#
77 32.4 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

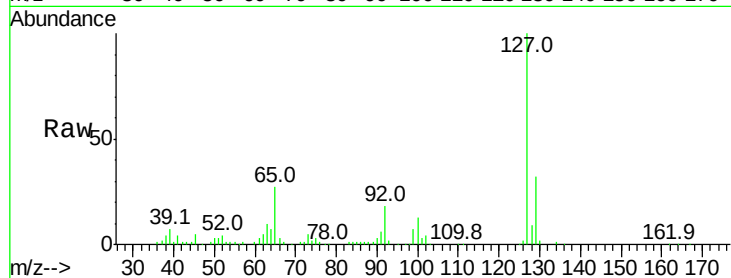




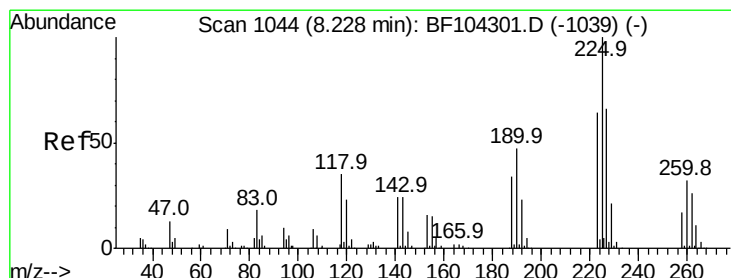
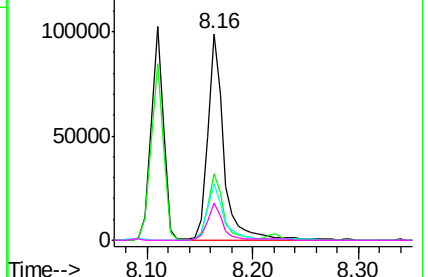
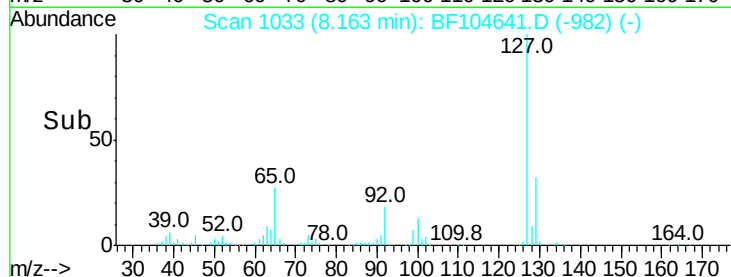
#33
4-Chloroaniline
Concen: 11.598 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	105496
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	27.2	25.0	37.4
92	18.2	15.2	22.8

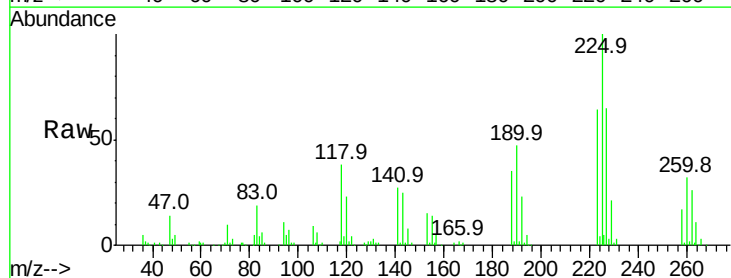


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

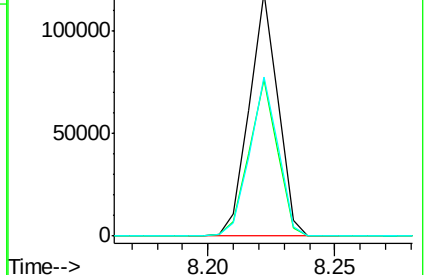
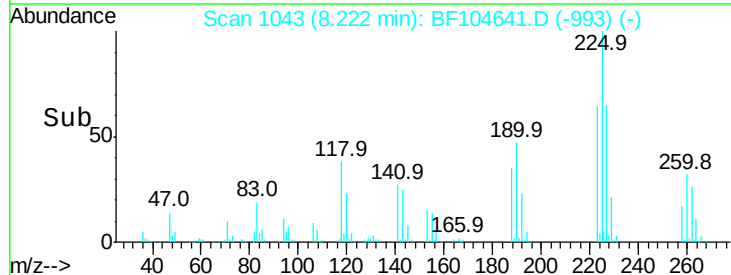


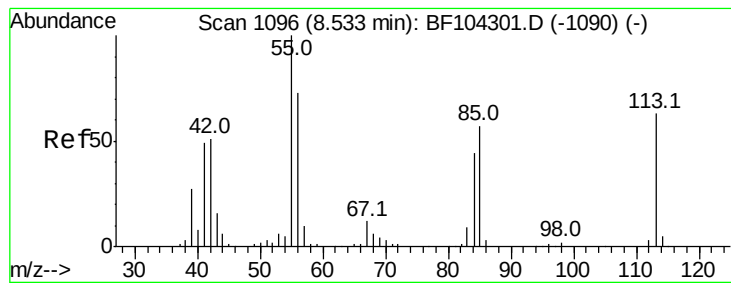
#34
Hexachlorobutadiene
Concen: 26.881 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Tgt Ion:	225	Resp:	93956
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	65.3	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: 24.911 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.05 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampled :

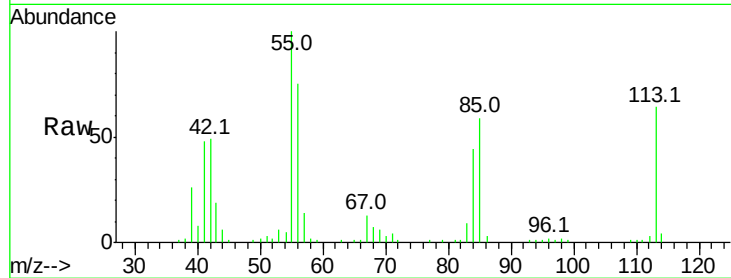
Tot Ion:113 Resp: 50531

Ion Ratio Lower Upper

113 100

55 156.2 163.3 203.3#

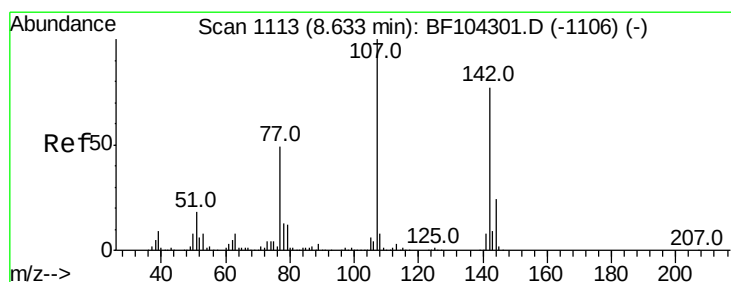
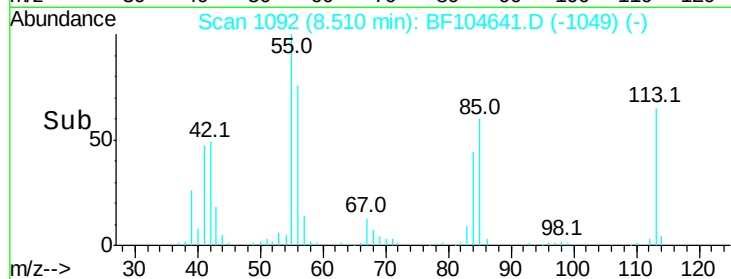
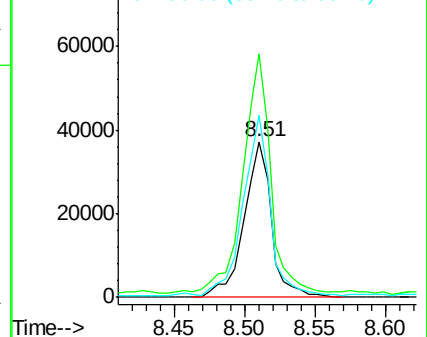
56 116.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 27.073 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

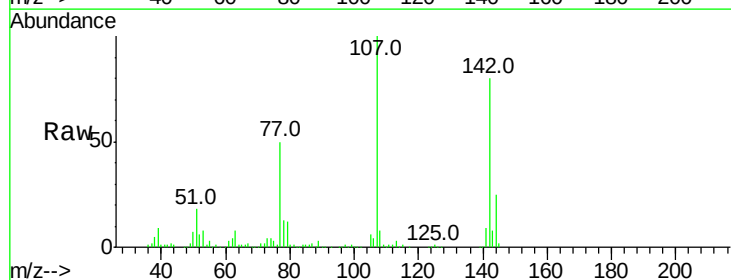
Tgt Ion:107 Resp: 168794

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

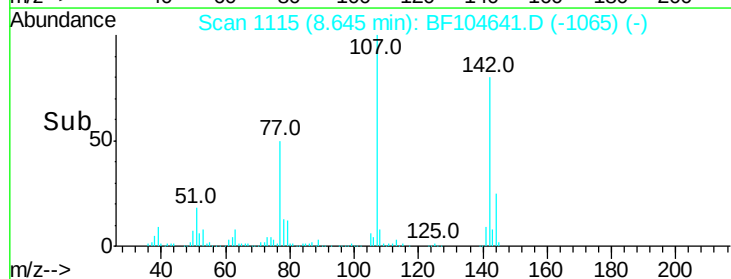
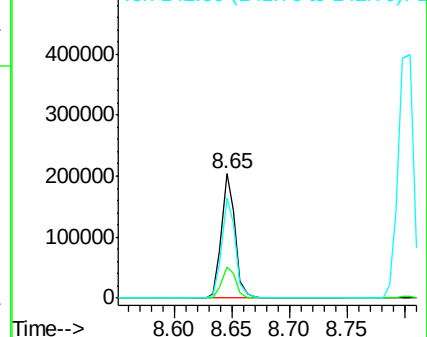
142 80.3 62.0 93.0

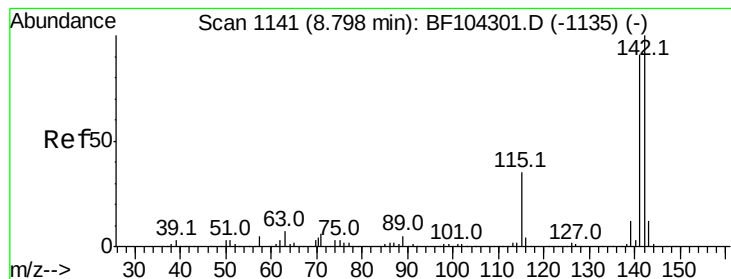


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 27.324 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampleId :

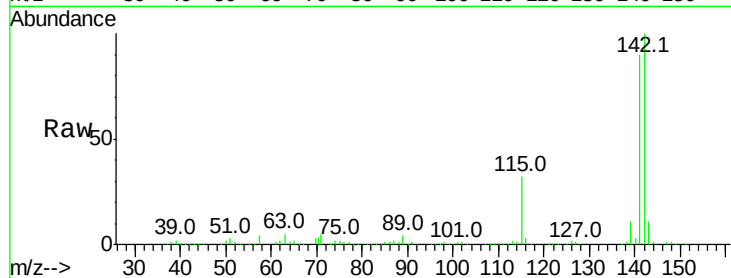
Tot Ion:142 Resp: 375256

Ion Ratio Lower Upper

142 100

141 89.5 70.8 106.2

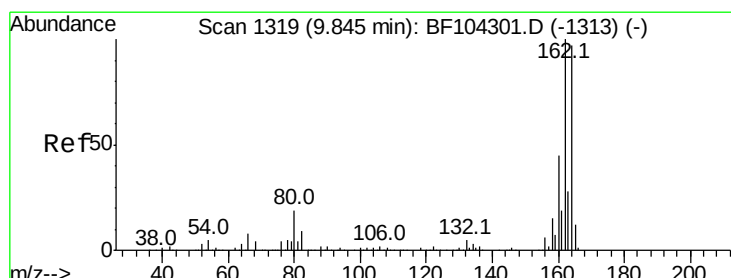
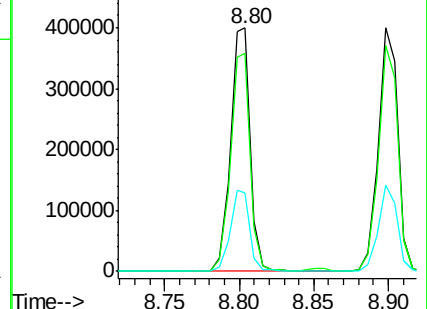
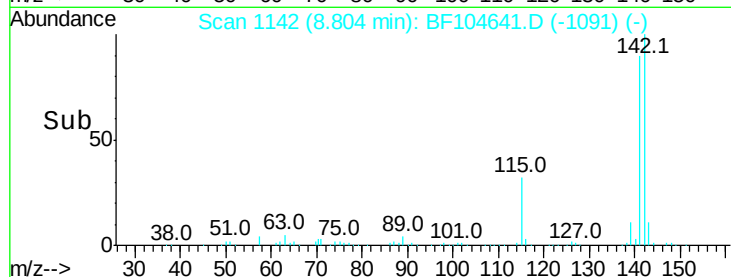
115 32.5 26.1 39.1



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. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

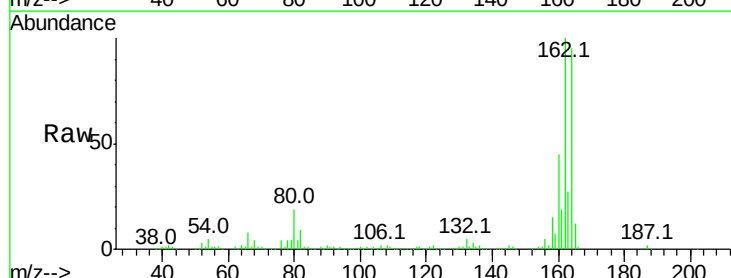
Tgt Ion:164 Resp: 160019

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

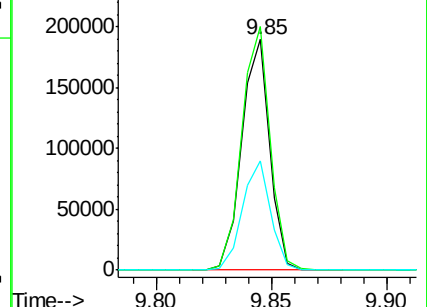
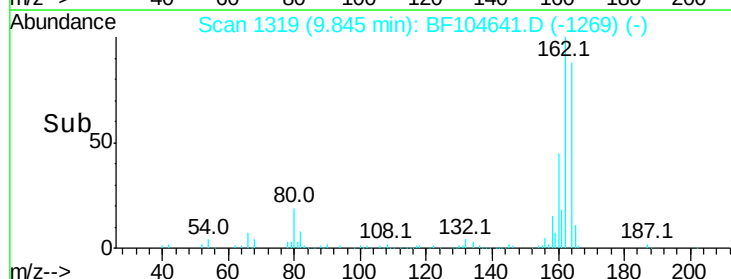
160 47.4 38.3 57.5

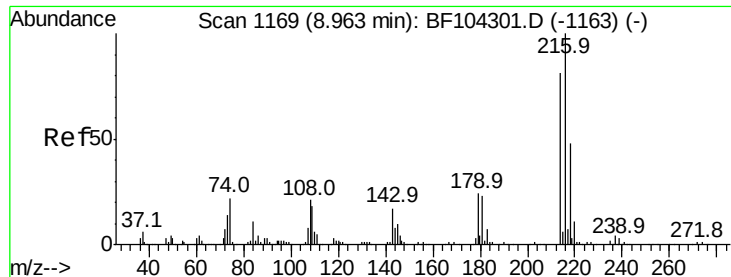


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

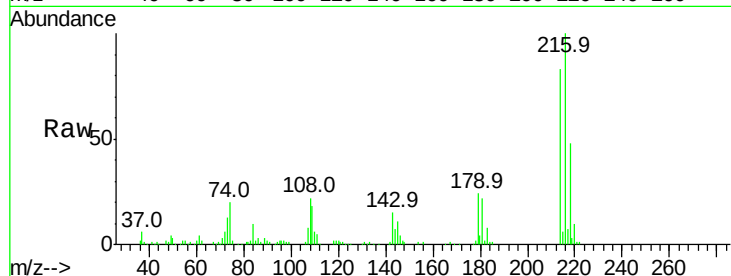




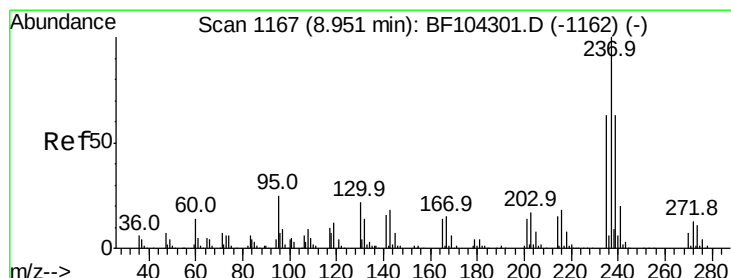
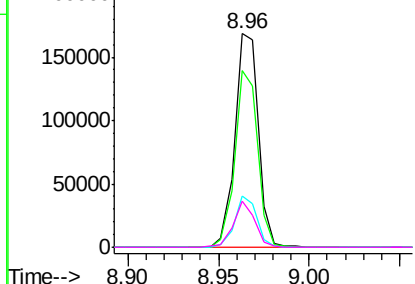
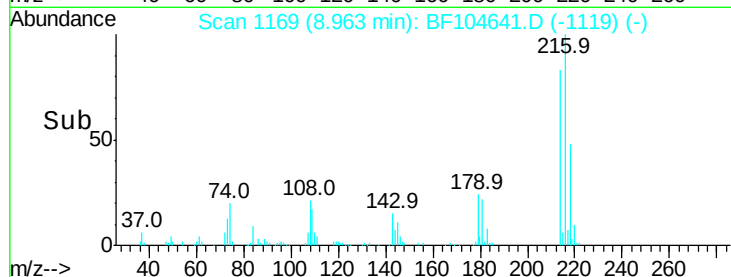
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.235 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	152238
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.4
179	22.5	18.1	27.1
108	19.7	17.2	25.8

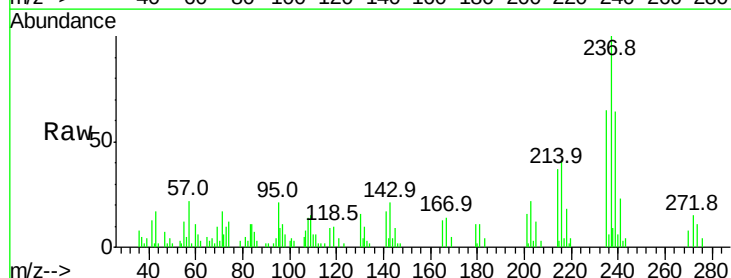


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

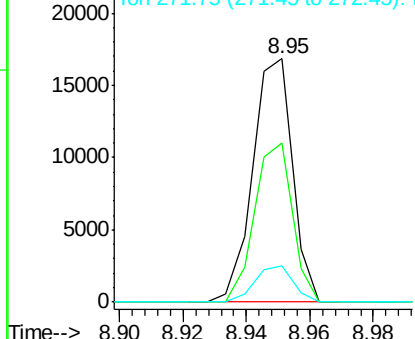
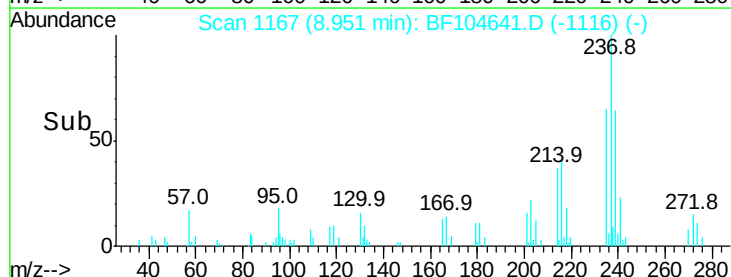


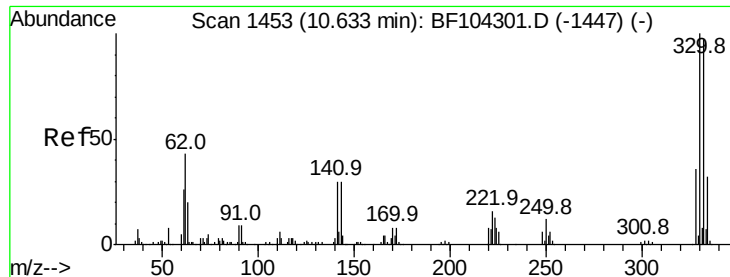
#40
 Hexachlorocyclopentadiene
 Concen: 5.715 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Tgt Ion:	237	Resp:	14656
Ion	Ratio	Lower	Upper
237	100		
235	65.5	44.8	84.8
272	14.7	0.0	33.3



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

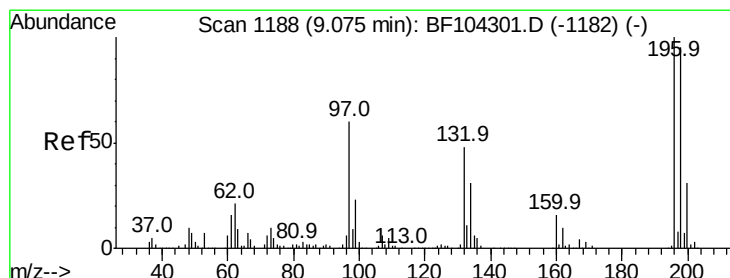
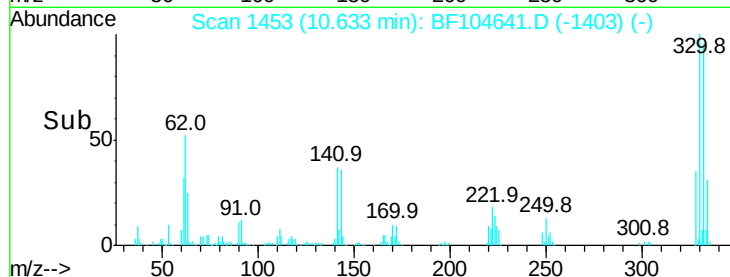
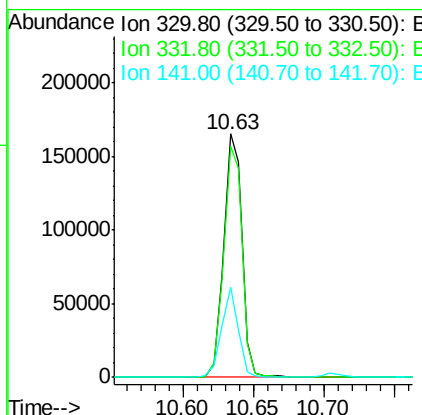
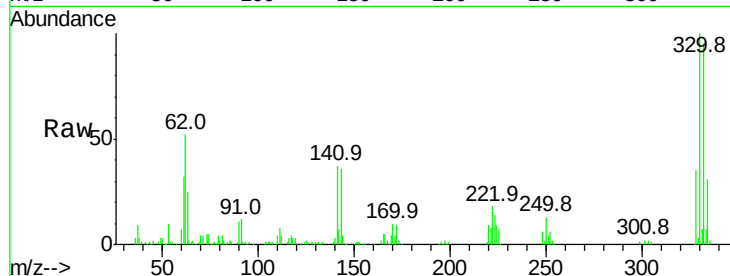




#41
 2,4,6-Tribromophenol
 Concen: 89.297 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

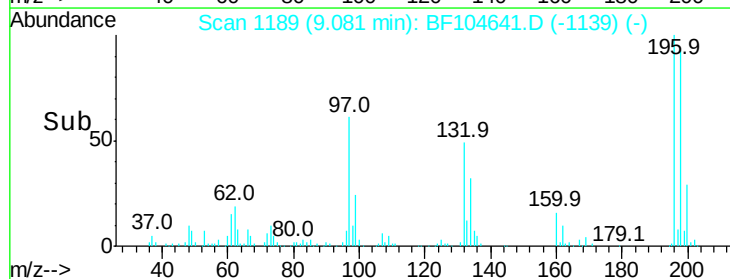
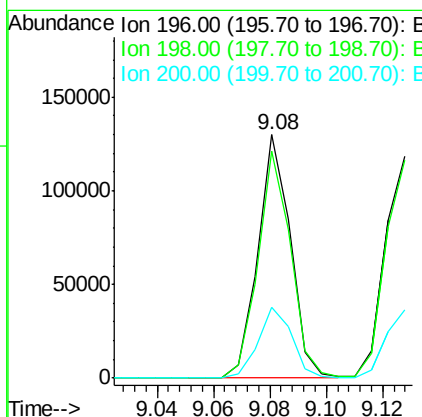
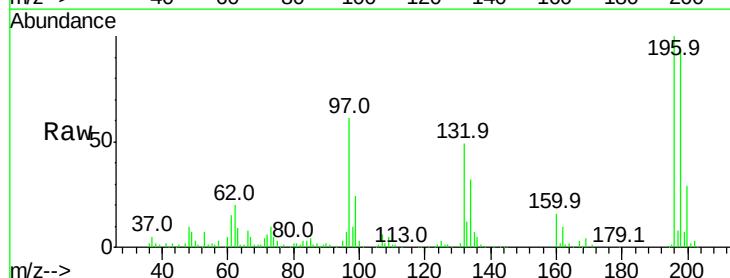
Instrument :
 BNA_F
 ClientSampled :

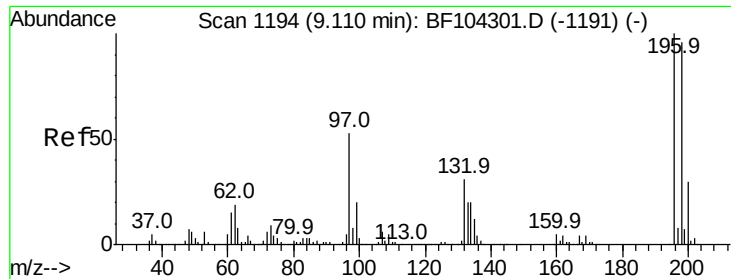
Tot Ion:330 Resp: 148226
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 34.0 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 32.687 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Tgt Ion:196 Resp: 103938
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.7 113.5
 200 29.3 24.5 36.7

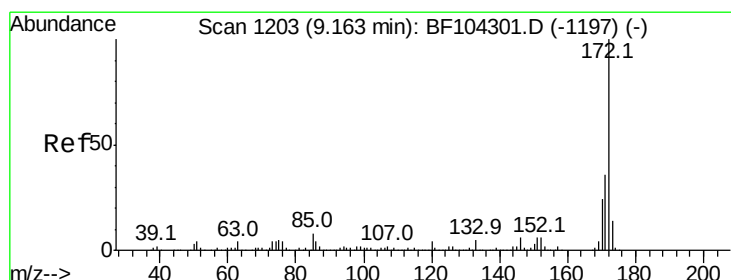
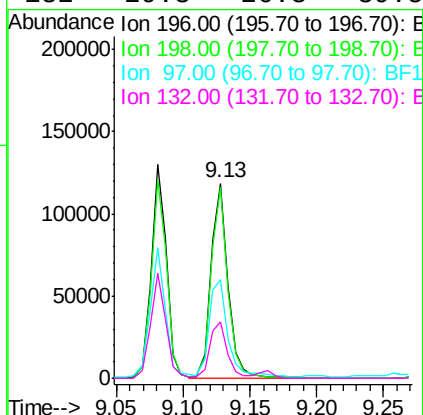
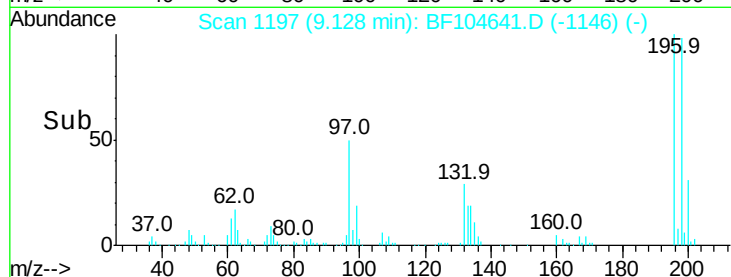
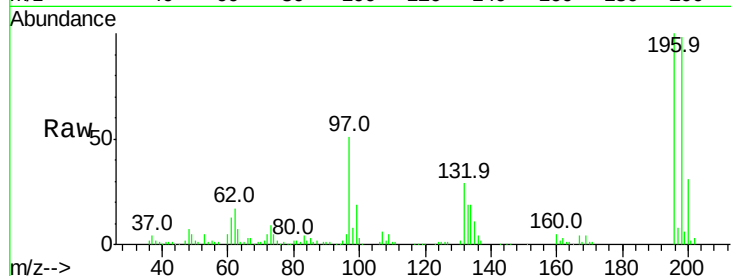




#43
 2,4,5-Trichlorophenol
 Concen: 29.942 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

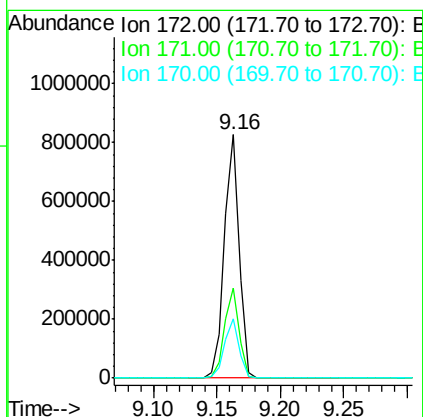
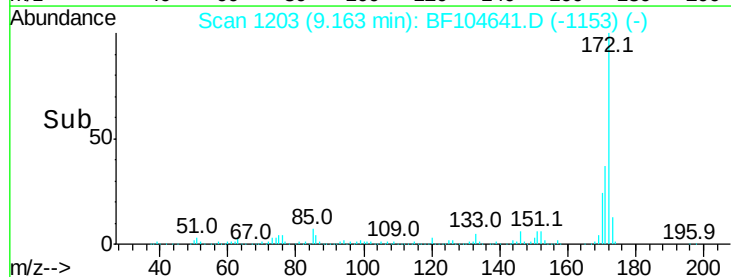
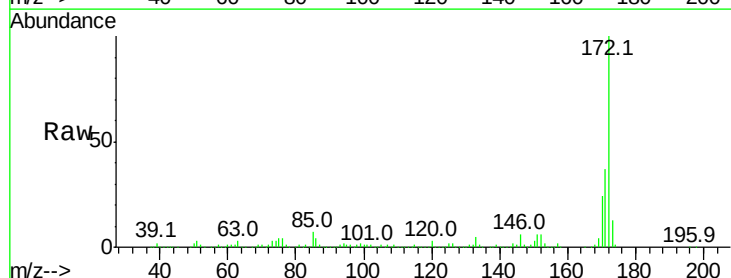
Instrument :
 BNA_F
 ClientSampled :

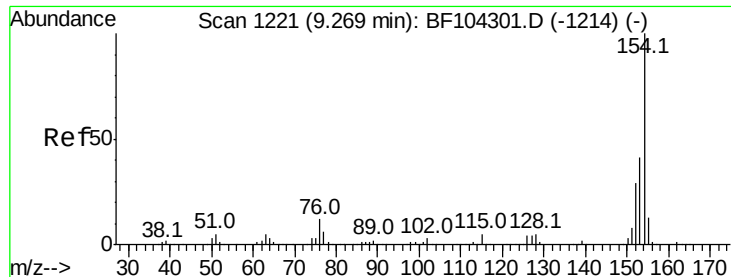
Tot Ion:	196	Resp:	106544
Ion	Ratio	Lower	Upper
196	100		
198	98.0	74.6	112.0
97	50.6	42.9	64.3
132	29.3	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 66.713 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Tgt Ion:	172	Resp:	675759
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 31.164 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampleId :

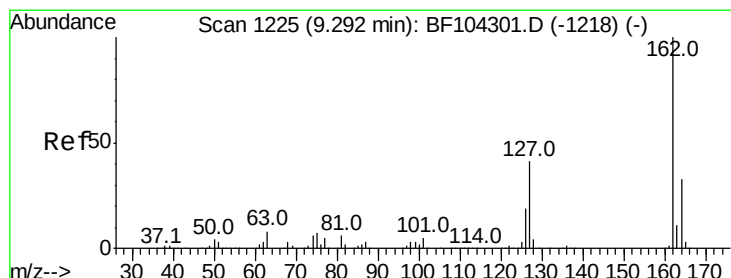
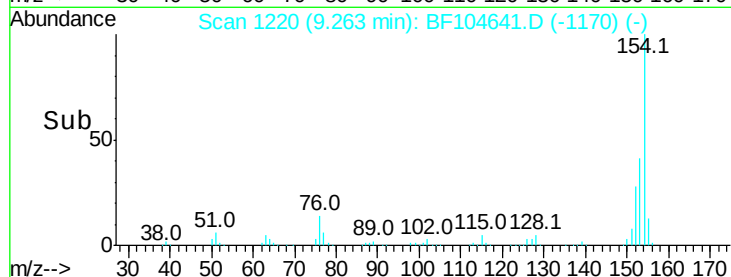
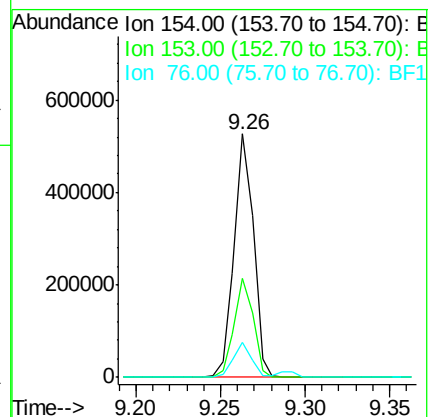
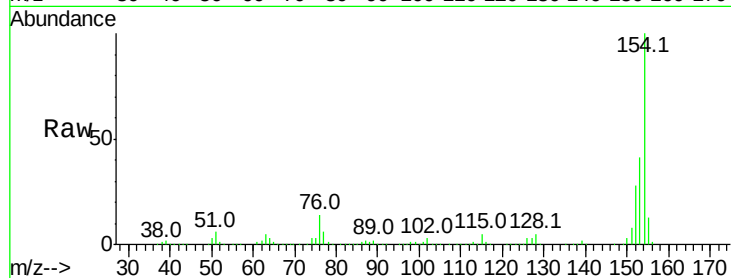
Tot Ion:154 Resp: 418933

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

76 14.2 0.0 34.0



#46

2-Chloronaphthalene

Concen: 30.415 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

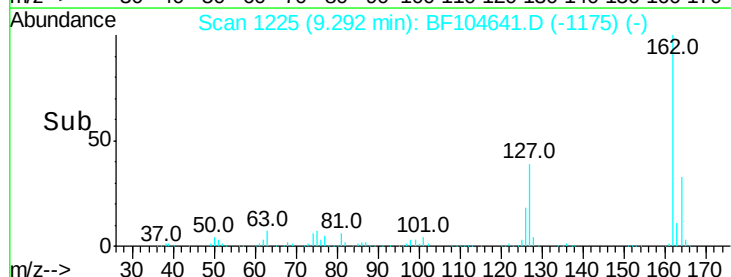
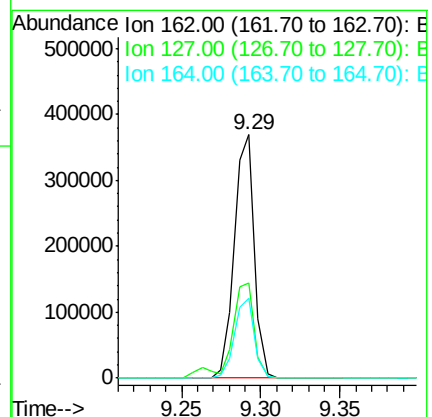
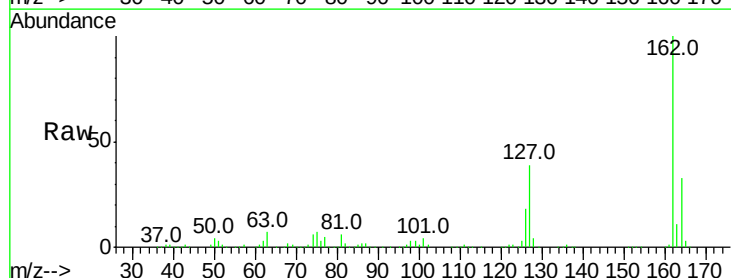
Tgt Ion:162 Resp: 322949

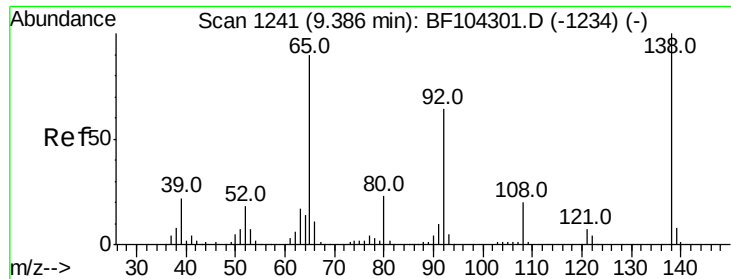
Ion Ratio Lower Upper

162 100

127 39.3 33.9 50.9

164 32.9 26.5 39.7

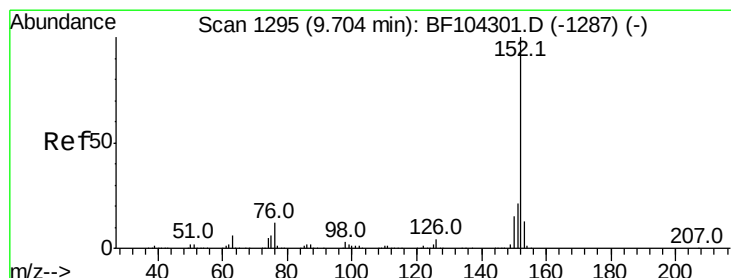
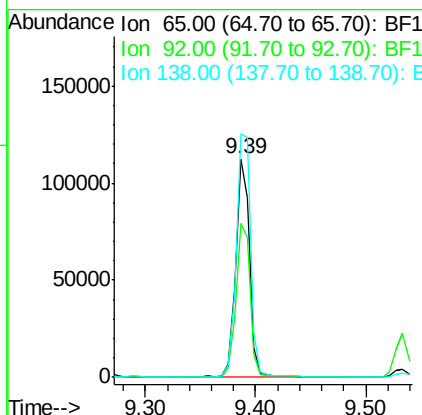
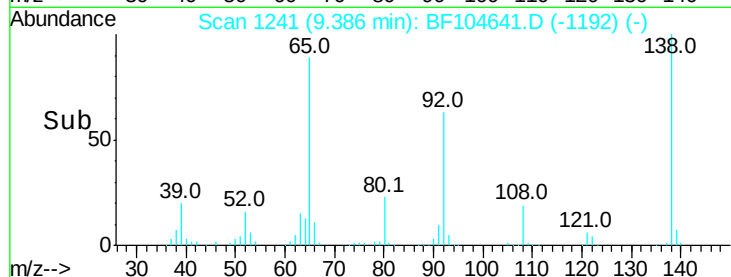
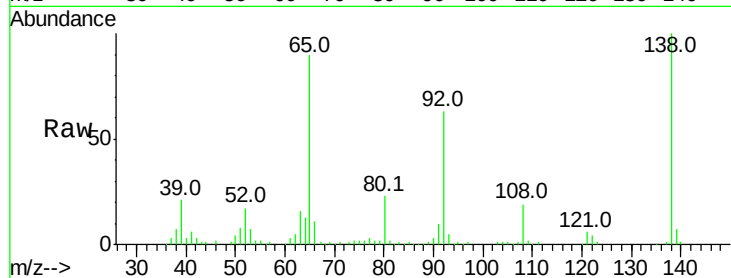




#47
 2-Nitroaniline
 Concen: 37.979 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

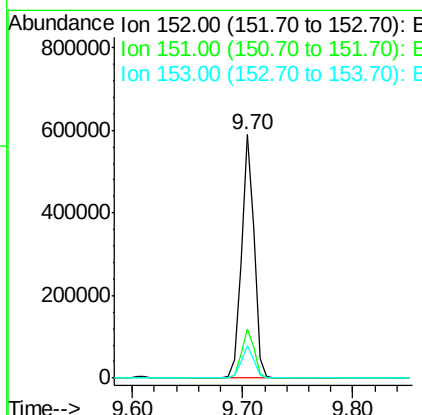
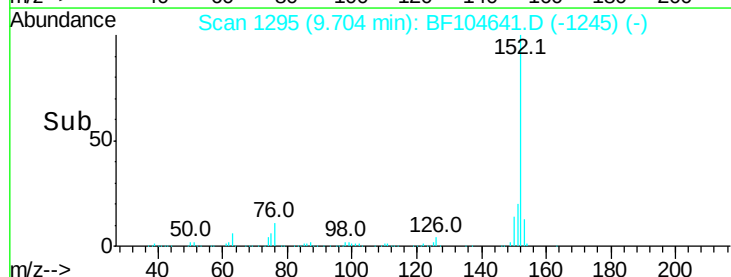
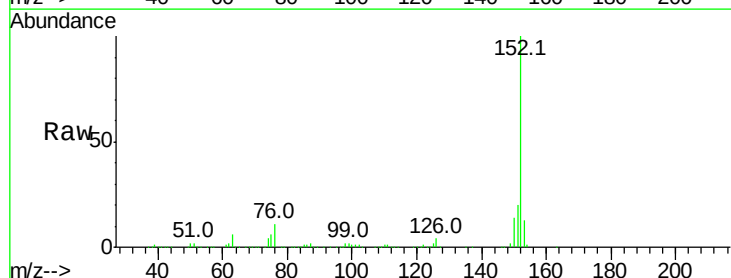
Instrument :
 BNA_F
 ClientSampleId :

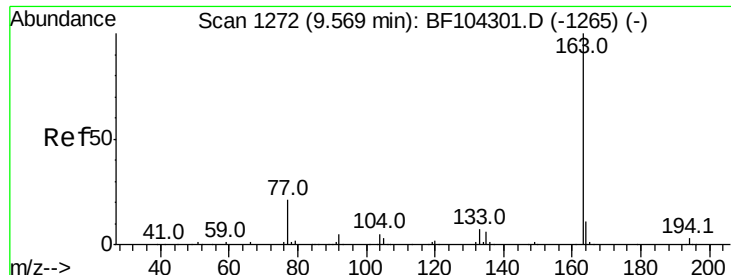
Tot Ion: 65 Resp: 99728
 Ion Ratio Lower Upper
 65 100
 92 70.5 55.8 83.6
 138 111.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 28.372 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Tgt Ion: 152 Resp: 472653
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.4 10.7 16.1

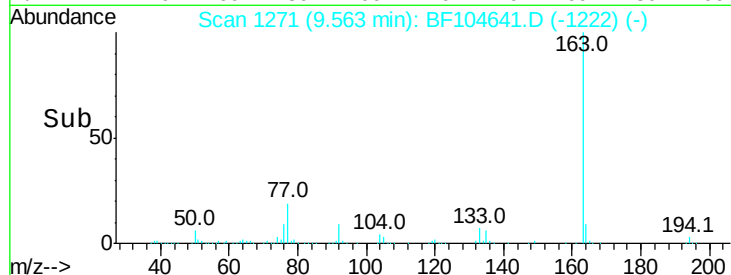
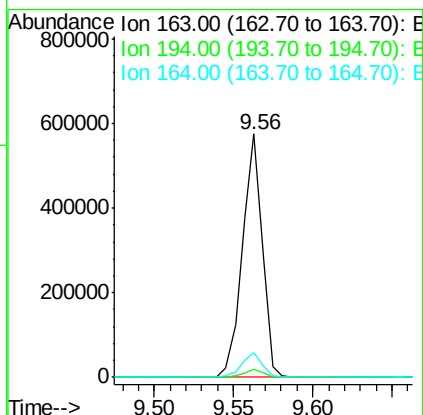
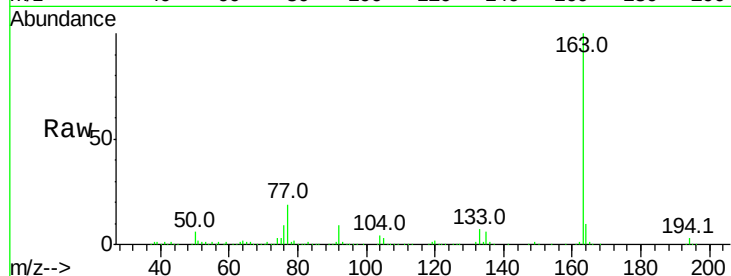




#49
 Dimethylphthalate
 Concen: 39.297 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

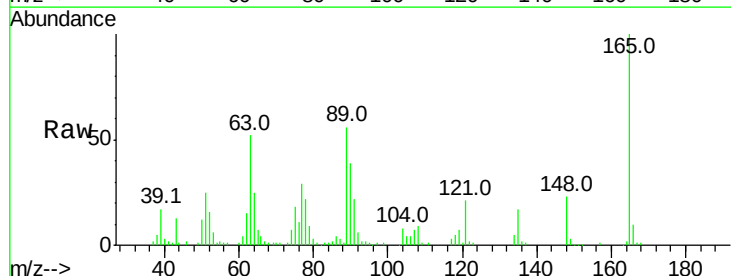
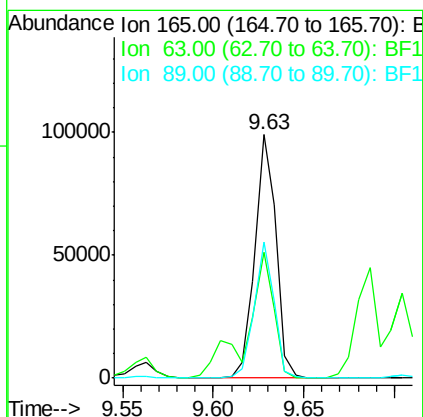
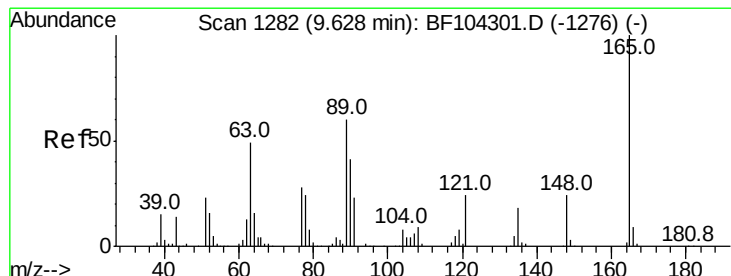
Instrument :
 BNA_F
 ClientSampleId :

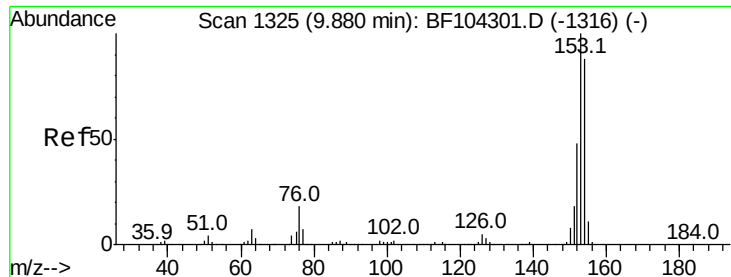
Tot Ion:163 Resp: 495881
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.1 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 34.348 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Tgt Ion:165 Resp: 80202
 Ion Ratio Lower Upper
 165 100
 63 51.9 44.7 67.1
 89 55.7 44.0 66.0





#51

Acenaphthene

Concen: 26.712 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampled :

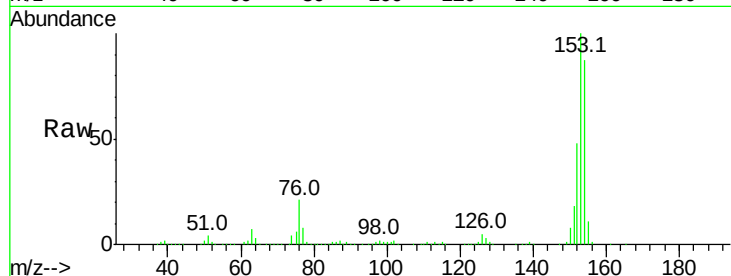
Tot Ion:154 Resp: 271515

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

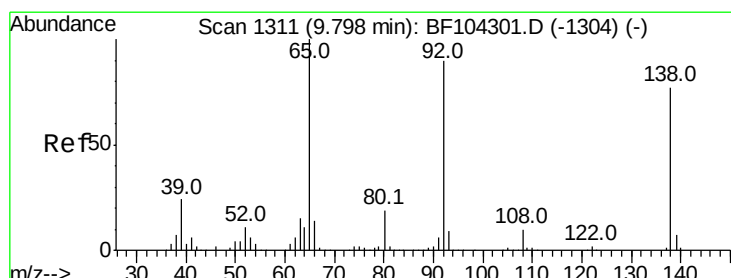
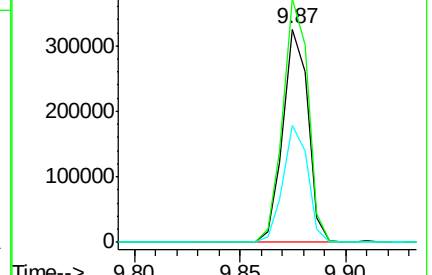
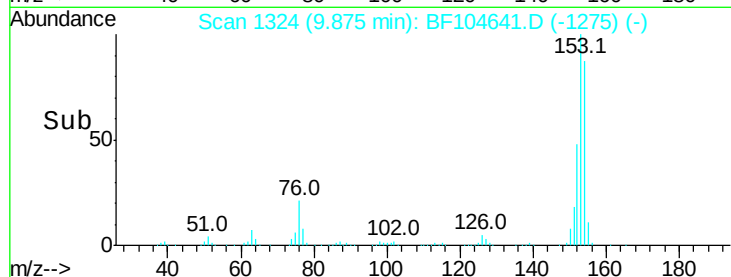
152 54.7 43.8 65.8



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



#52

3-Nitroaniline

Concen: 24.750 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

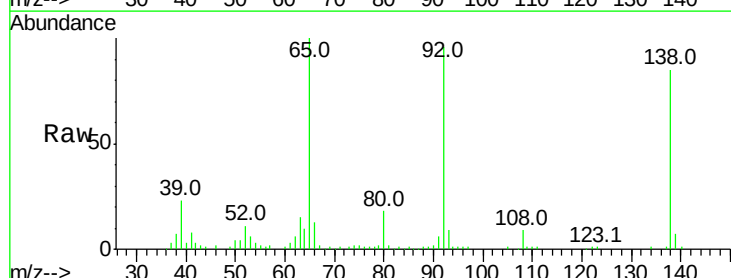
Tgt Ion:138 Resp: 67656

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

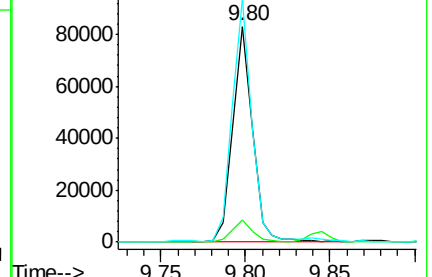
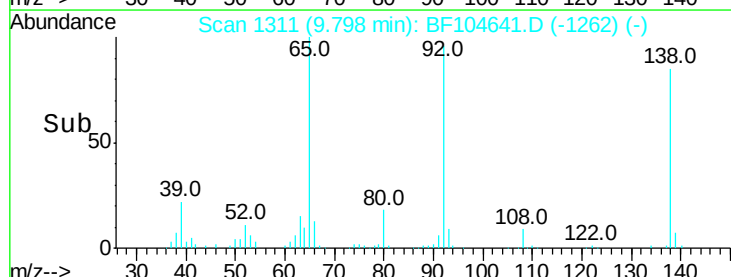
92 112.7 89.4 134.2

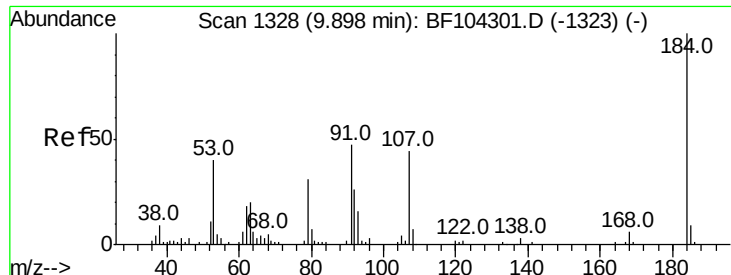


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

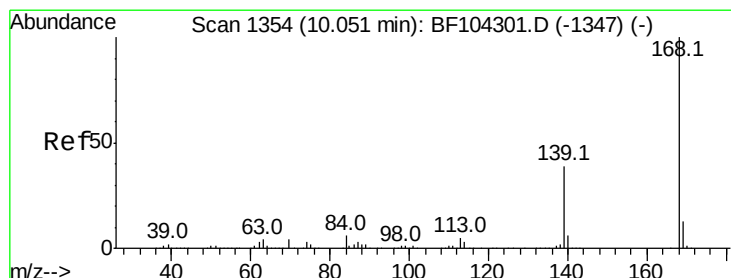
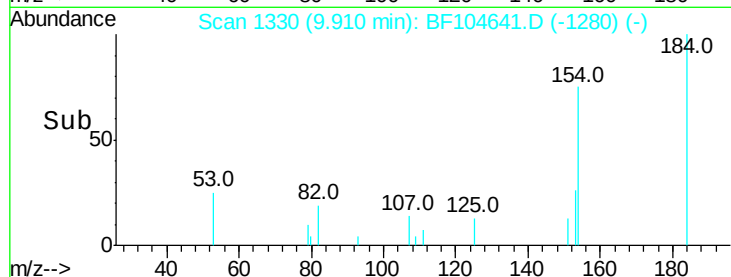
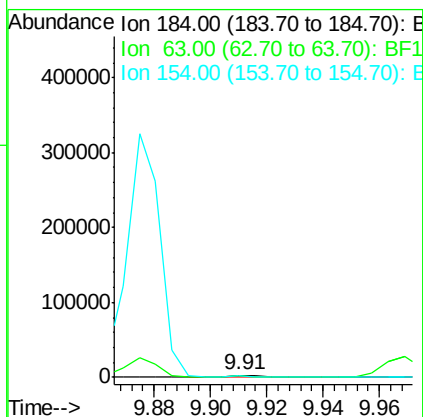
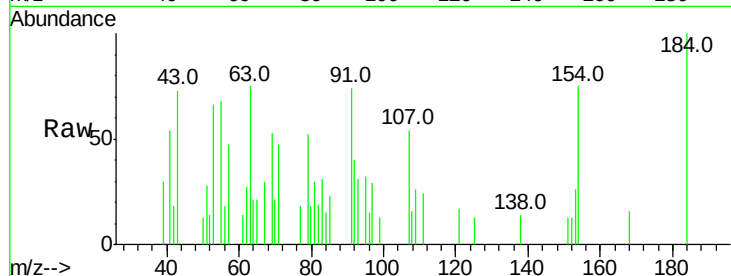




#53
 2,4-Dinitrophenol
 Concen: 8.548 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

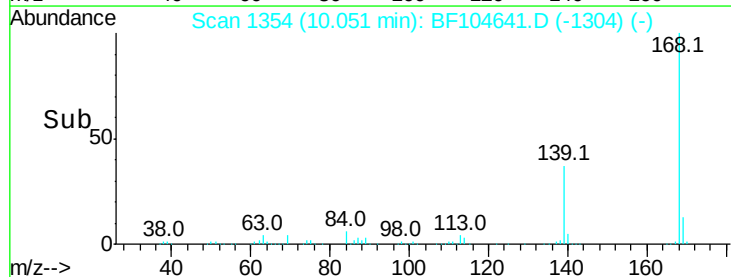
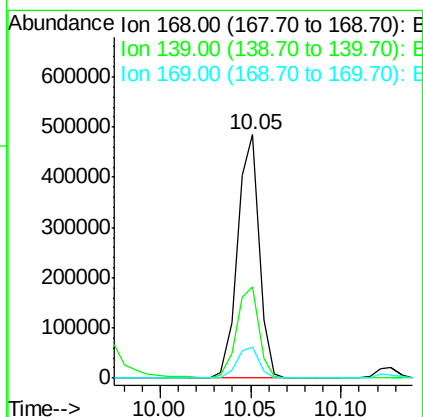
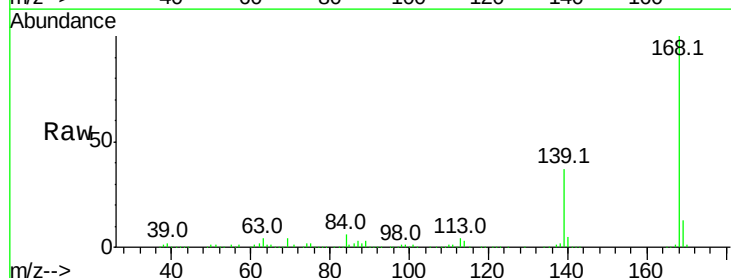
Instrument :
 BNA_F
 ClientSampled :

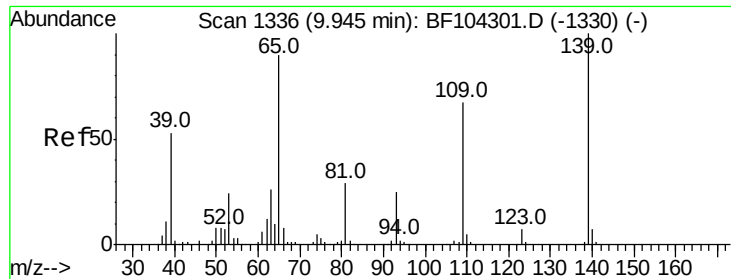
Tot Ion:184 Resp: 2226
 Ion Ratio Lower Upper
 184 100
 63 74.9 54.2 81.2
 154 74.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 28.467 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Tgt Ion:168 Resp: 403240
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.1 45.1
 169 12.7 10.9 16.3

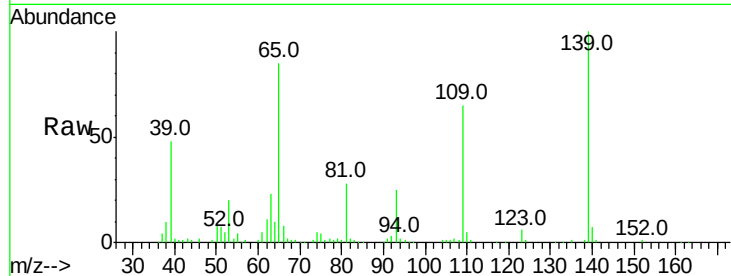




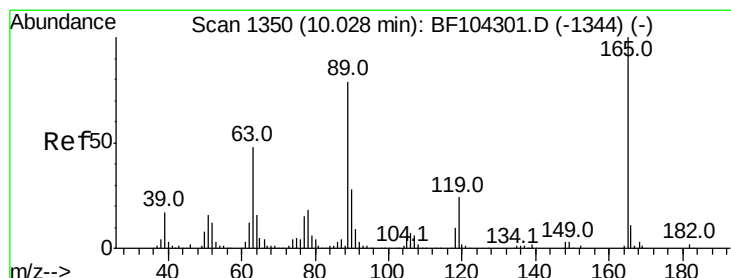
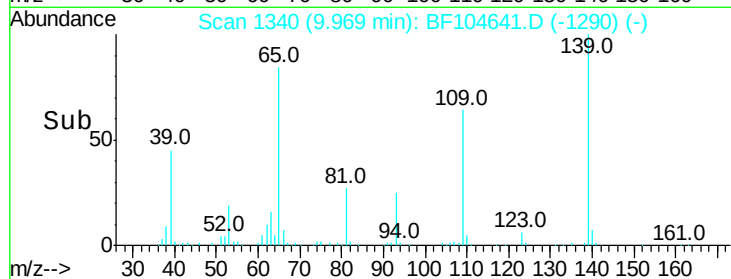
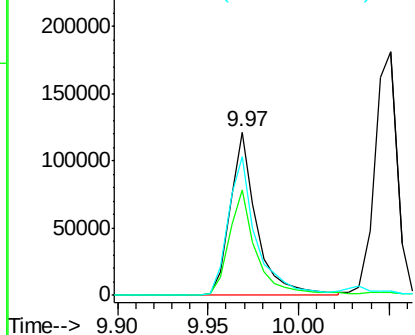
#55
4-Nitrophenol
Concen: 57.370 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.6	48.4	88.4
65	84.8	72.6	112.6



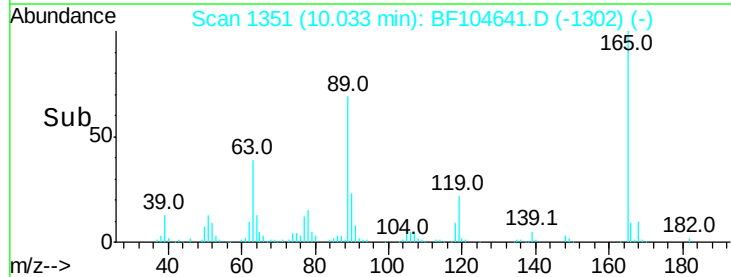
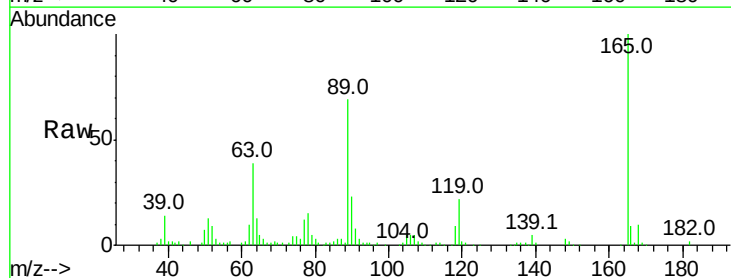
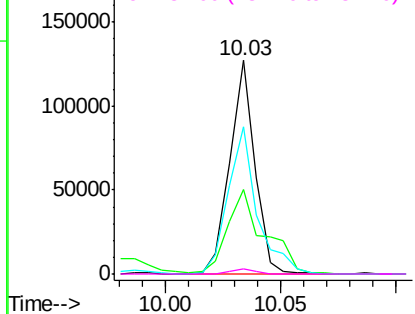
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

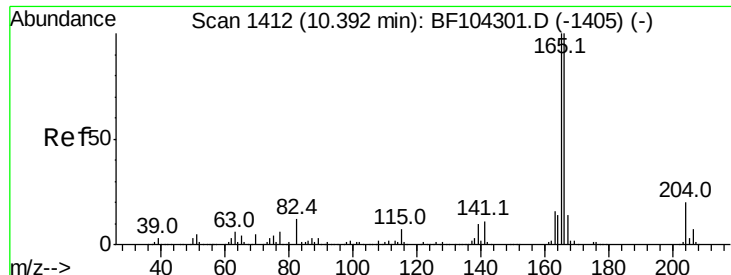


#56
2,4-Dinitrotoluene
Concen: 31.357 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.5	36.4	54.6
89	69.0	57.8	86.6
182	2.4	1.6	2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

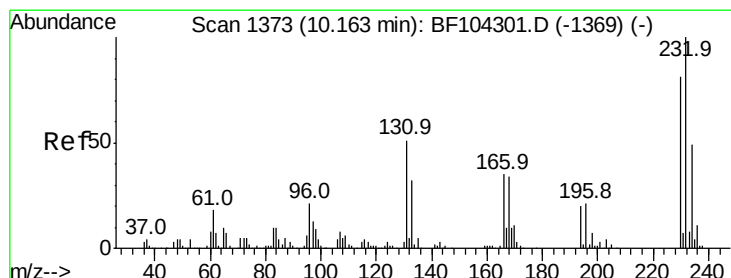
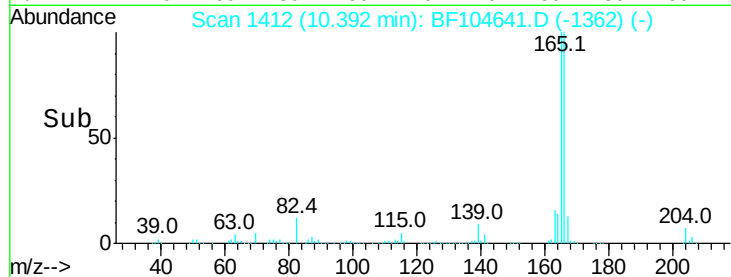
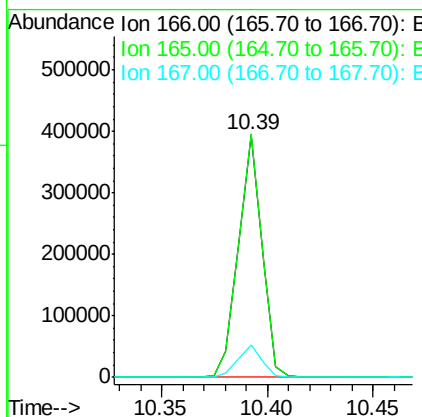
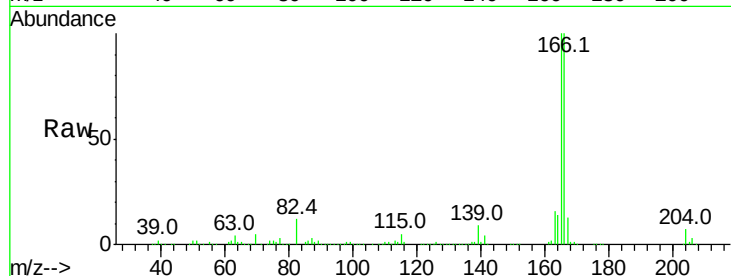




#57
 Fluorene
 Concen: 29.331 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

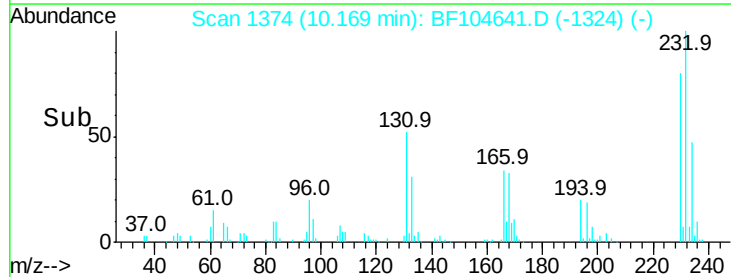
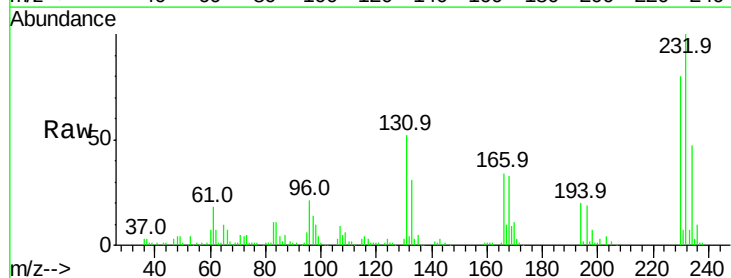
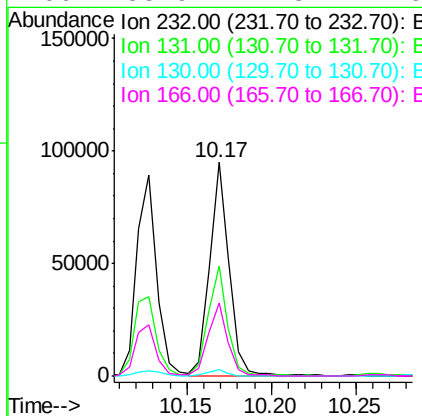
Instrument :
 BNA_F
 ClientSampleId :

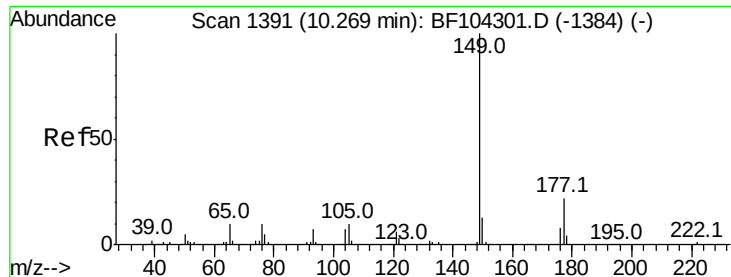
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.162 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.5	43.8	65.8
130	2.7	2.1	3.1
166	33.9	27.8	41.6

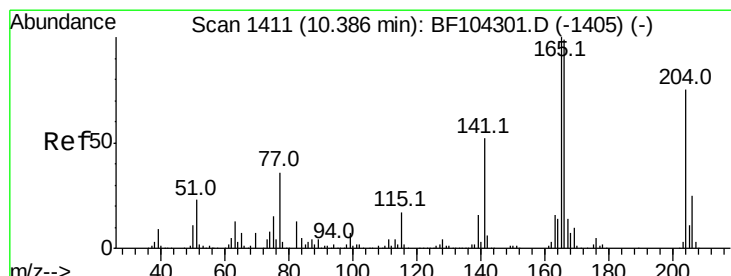
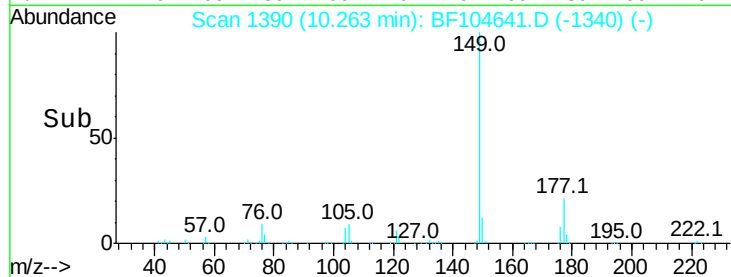
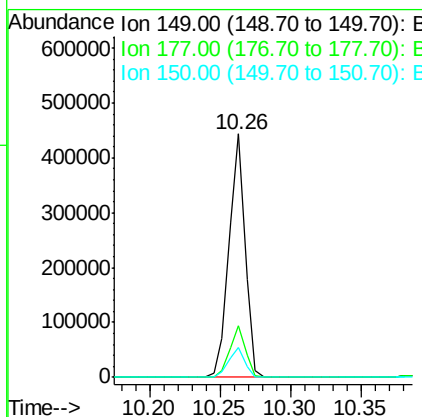
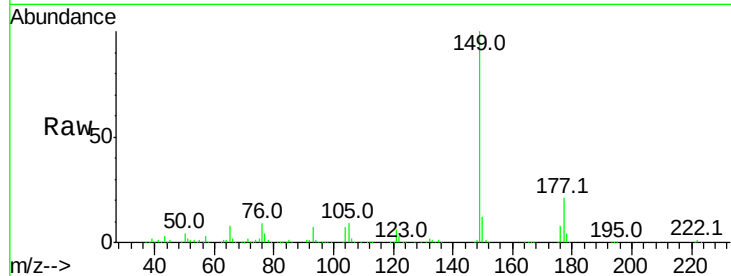




#59
Diethylphthalate
Concen: 28.158 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

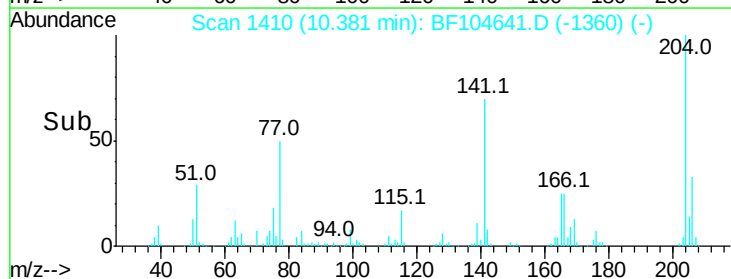
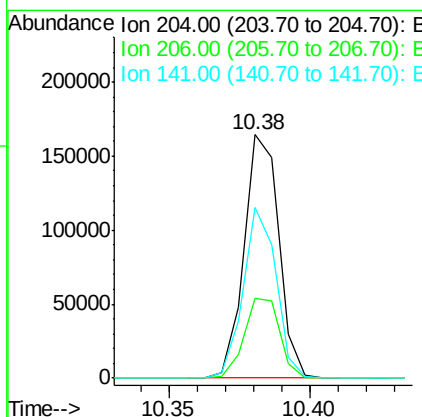
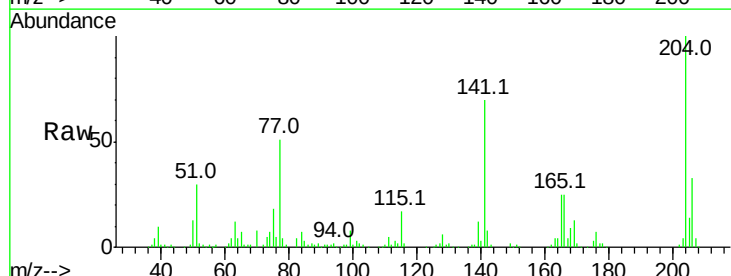
Instrument :
BNA_F
ClientSampled :

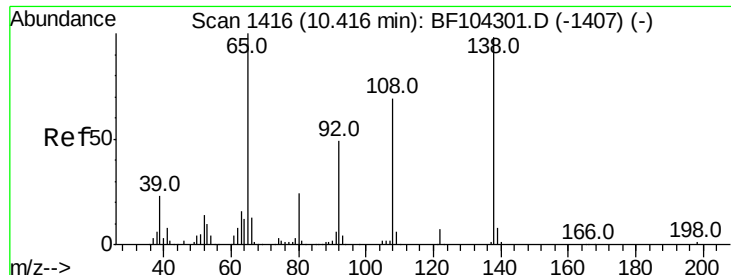
Tot Ion:149 Resp: 353879
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 30.541 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Tgt Ion:204 Resp: 140238
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 69.9 54.6 81.8





#61

4-Nitroaniline

Concen: 29.142 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampled :

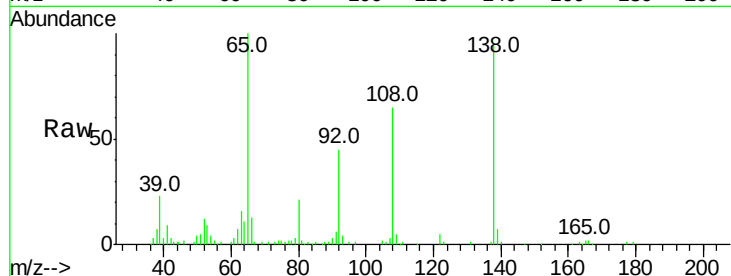
Tot Ion:138 Resp: 77889

Ion Ratio Lower Upper

138 100

92 48.1 30.2 70.2

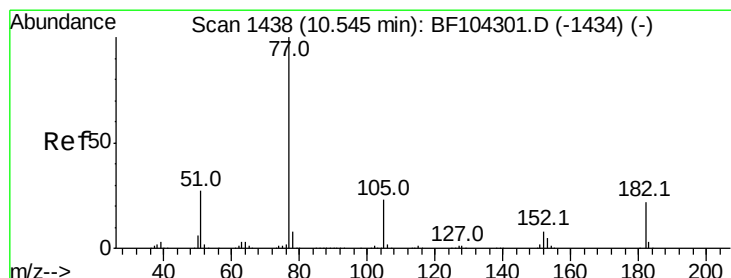
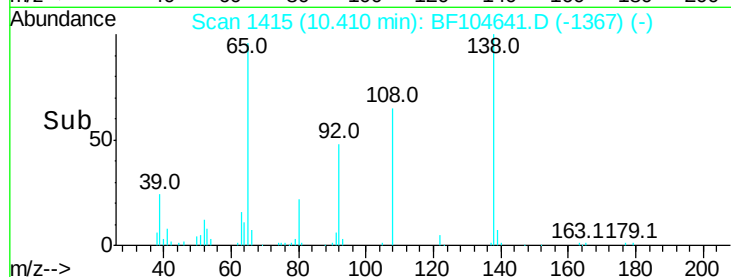
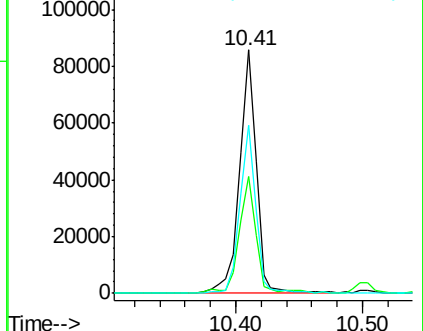
108 69.0 52.5 92.5



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



#62

Azobenzene

Concen: 25.299 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Tgt Ion: 77 Resp: 303758

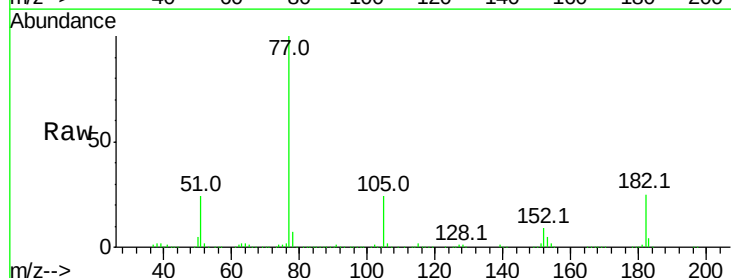
Ion Ratio Lower Upper

77 100

182 25.2 1.7 41.7

105 23.9 3.0 43.0

51 24.1 9.9 49.9

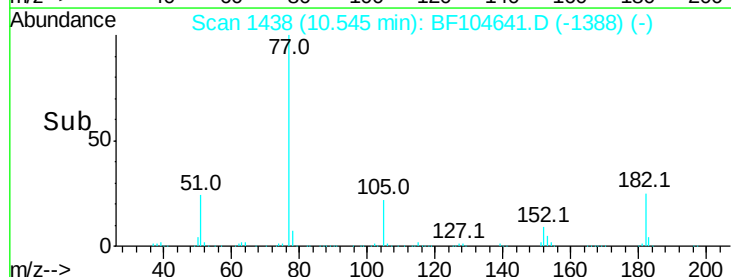
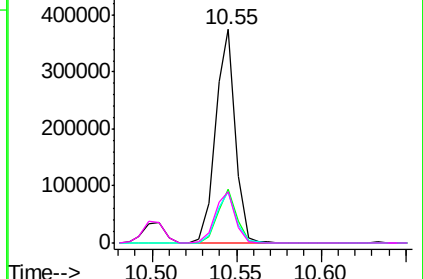


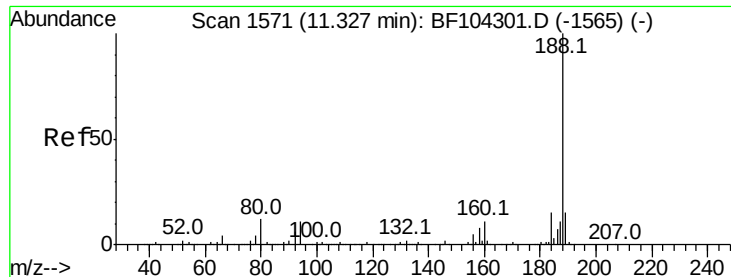
Abundance Ion 77.00 (76.70 to 77.70): BF1

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampleId :

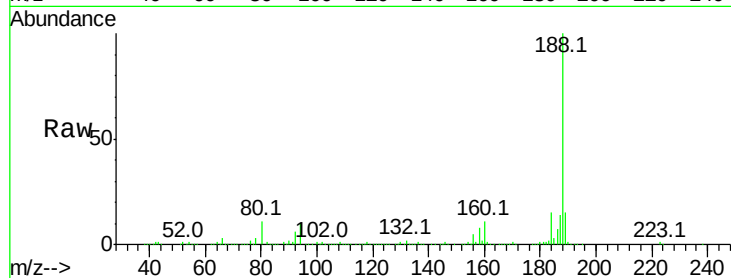
Tot Ion:188 Resp: 262948

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

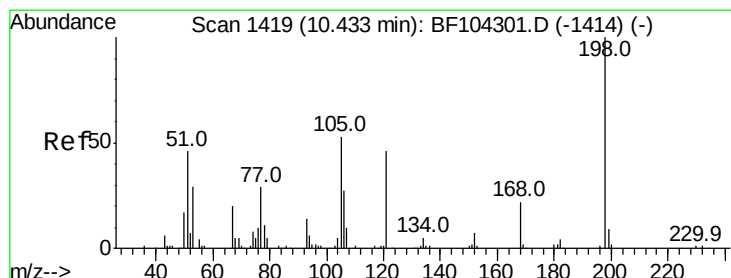
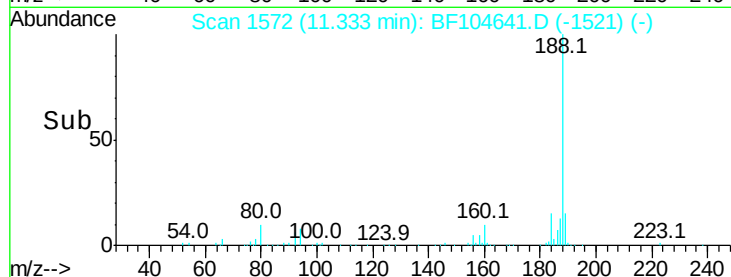
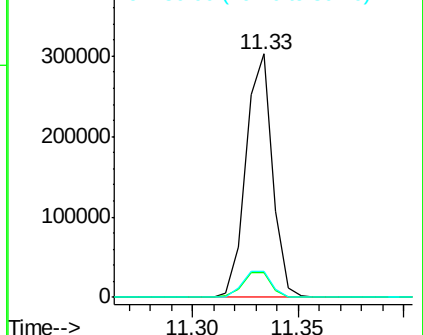
80 10.5 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 12.543 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

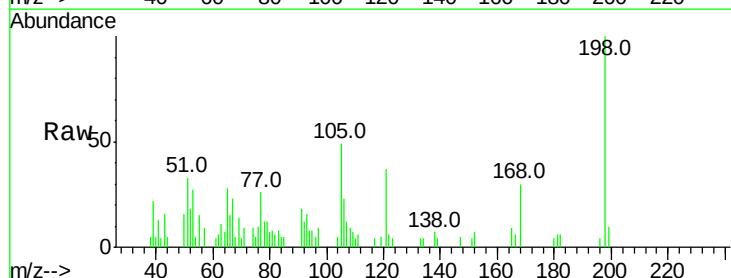
Tgt Ion:198 Resp: 7856

Ion Ratio Lower Upper

198 100

51 32.7 37.7 77.7#

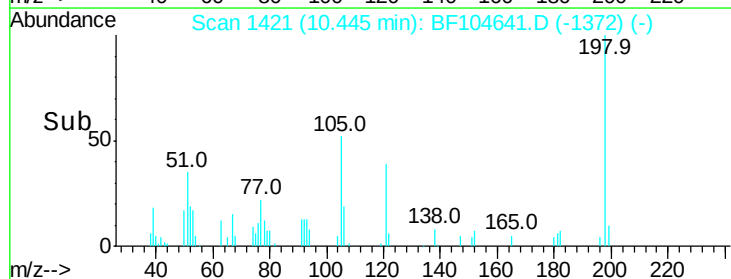
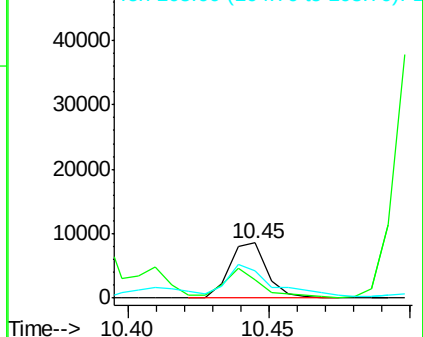
105 49.1 36.3 76.3

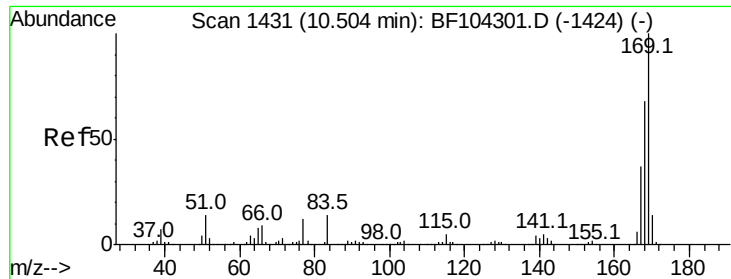


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 30.599 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

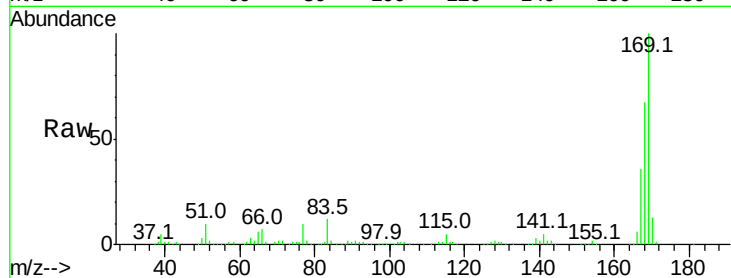
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 278971

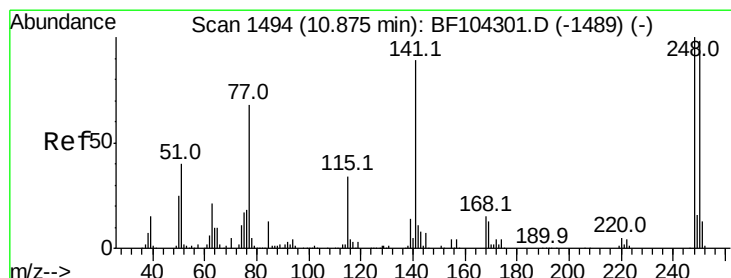
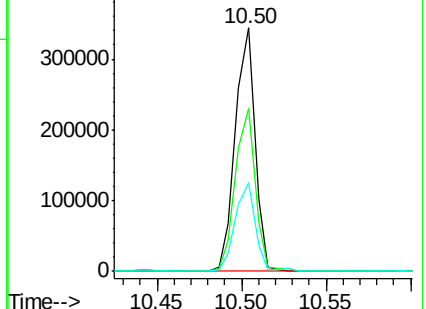
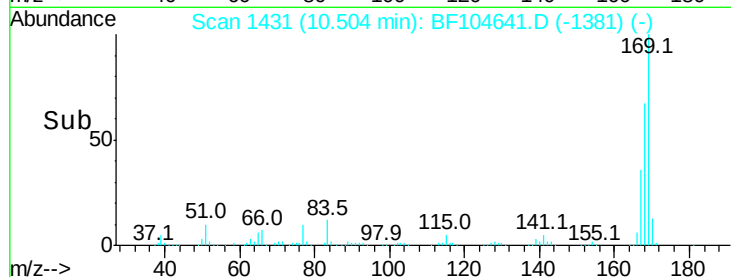
Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.4	81.6
167	36.4	29.8	44.6



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: 29.782 ng

RT: 10.87 min Scan# 1494

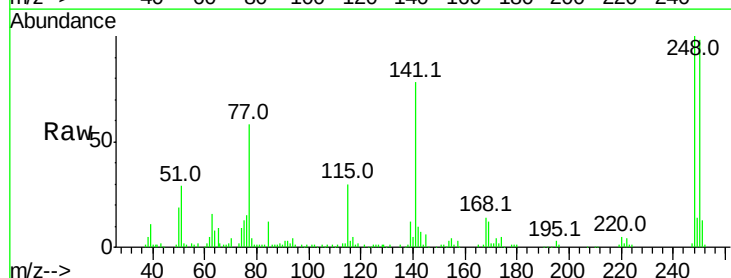
Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Tgt Ion:248 Resp: 83299

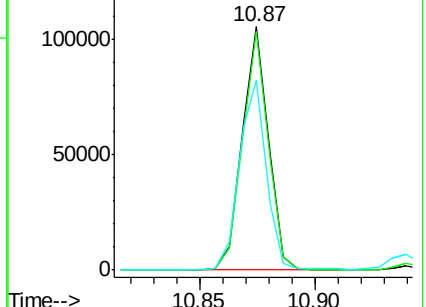
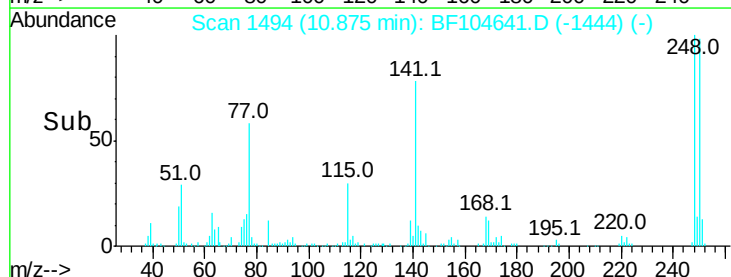
Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.9	115.3
141	77.9	74.4	111.6

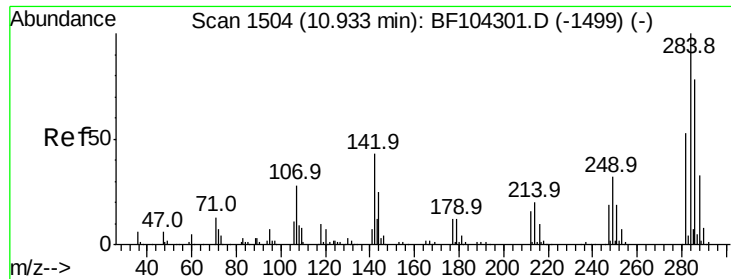


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

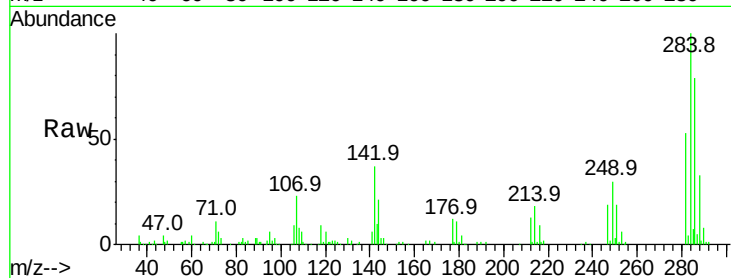




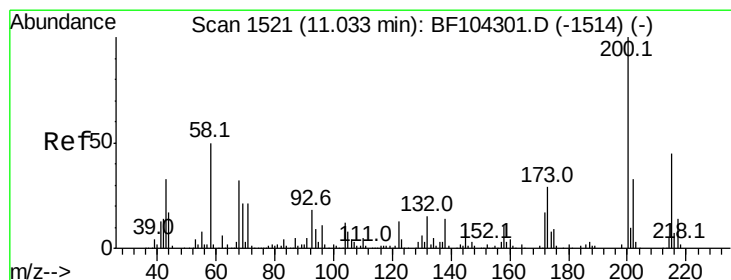
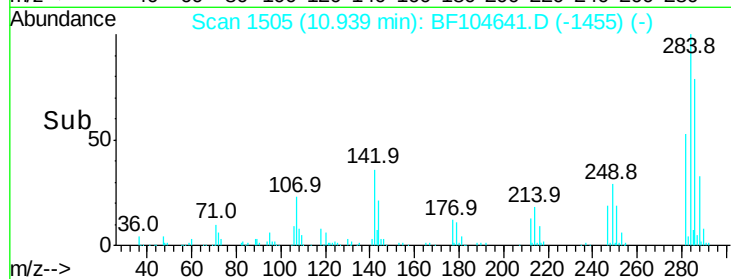
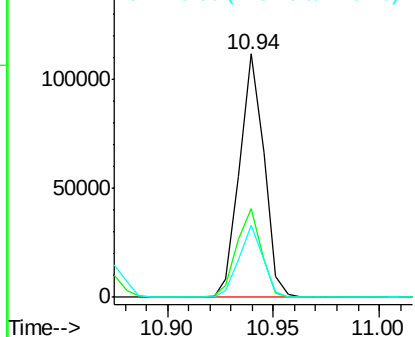
#67
Hexachlorobenzene
Concen: 28.464 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 89579
Ion Ratio Lower Upper
284 100
142 36.6 34.6 52.0
249 29.7 24.8 37.2

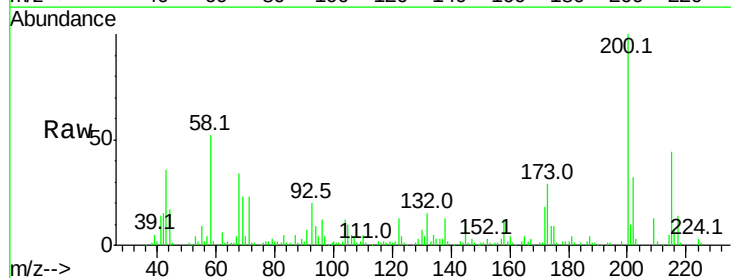


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

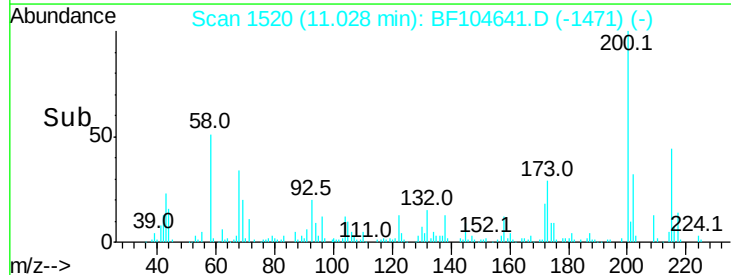
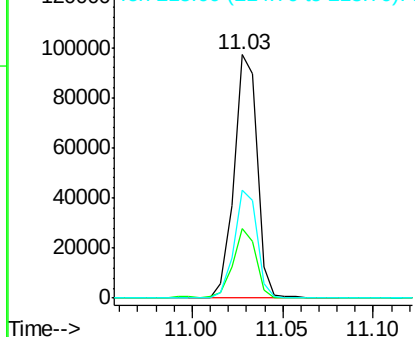


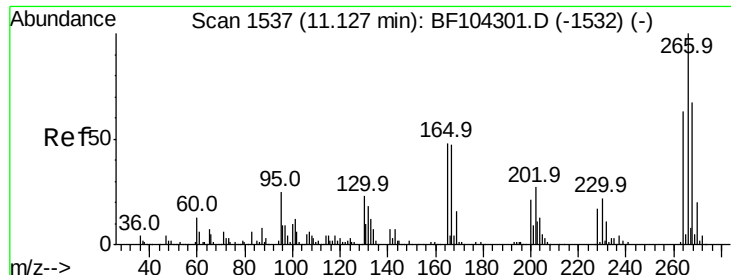
#68
Atrazine
Concen: 31.443 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Tgt Ion:200 Resp: 86531
Ion Ratio Lower Upper
200 100
173 28.6 8.6 48.6
215 44.3 25.1 65.1



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

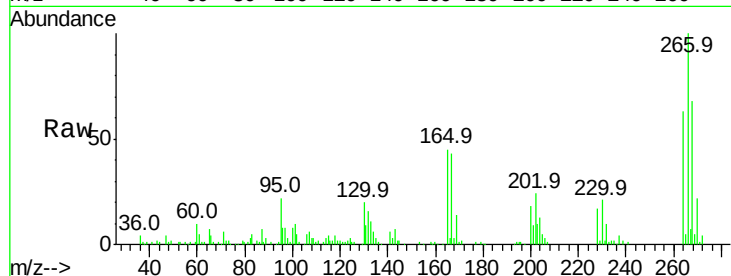




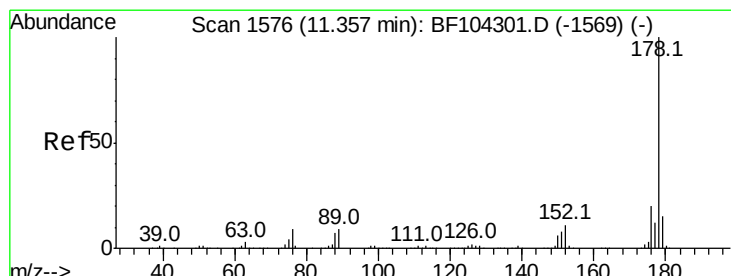
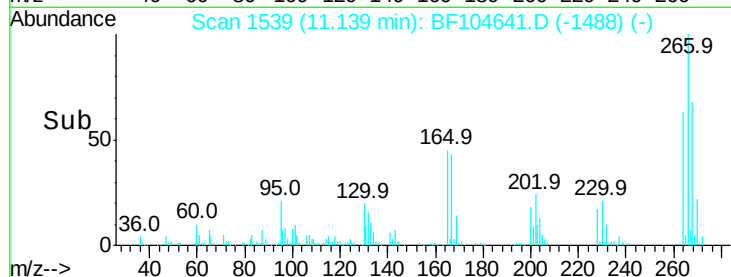
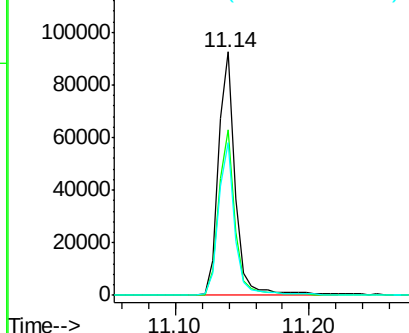
#69
 Pentachlorophenol
 Concen: 42.448 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 82646
 Ion Ratio Lower Upper
 266 100
 268 67.8 51.1 76.7
 264 62.6 49.5 74.3

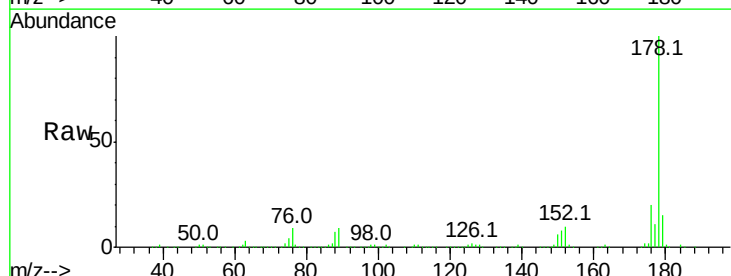


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

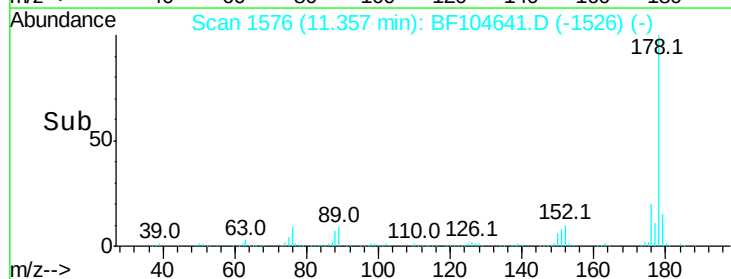
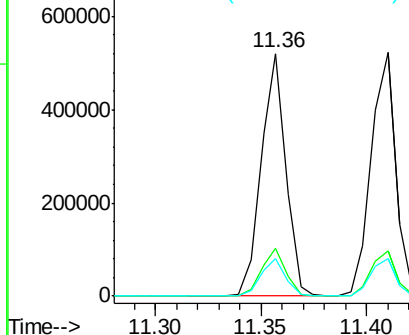


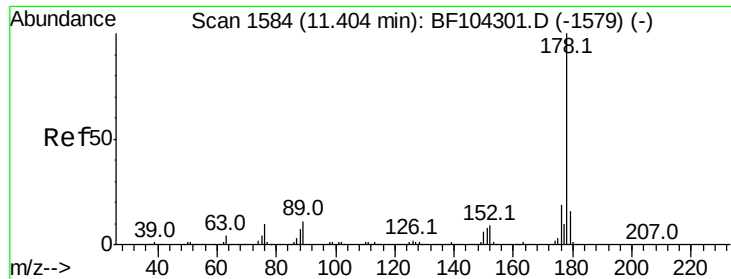
#70
 Phenanthrene
 Concen: 28.919 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Tgt Ion:178 Resp: 423471
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.4 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

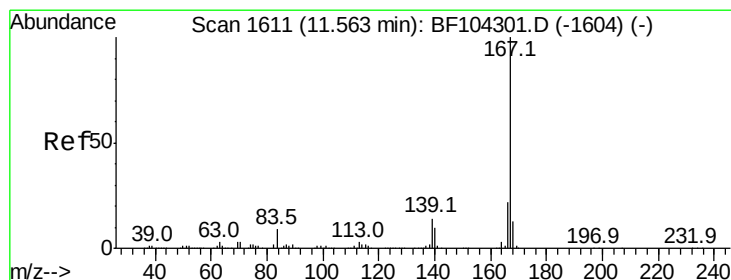
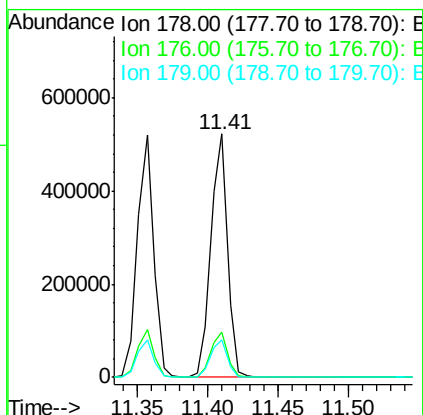
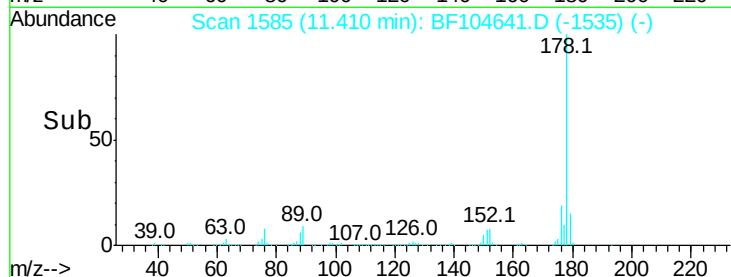
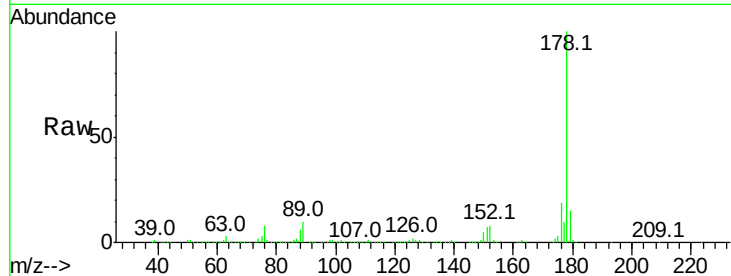




#71
 Anthracene
 Concen: 28.968 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

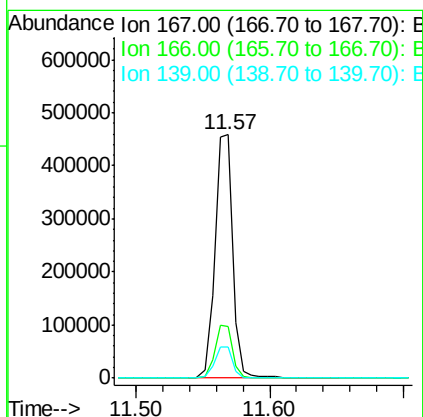
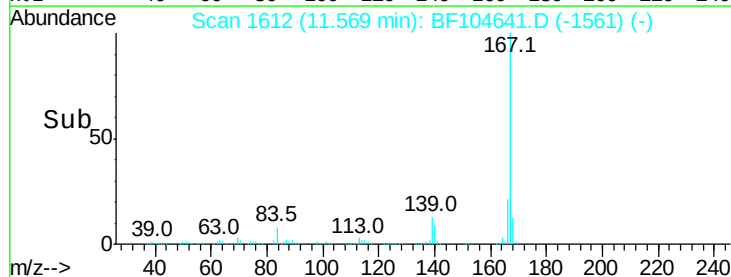
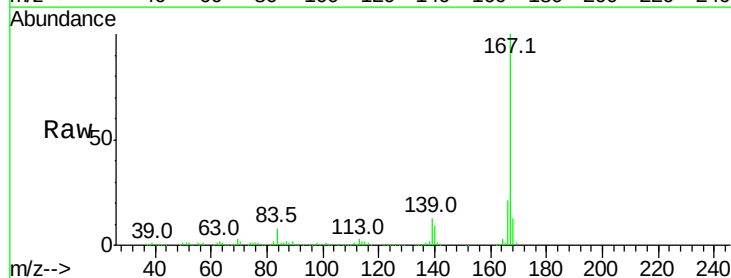
Instrument :
 BNA_F
 ClientSampleId :

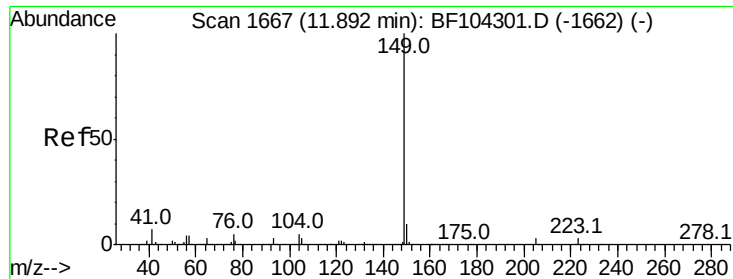
Tot Ion:178 Resp: 431192
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 29.713 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Tgt Ion:167 Resp: 432183
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 12.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 27.614 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampleId :

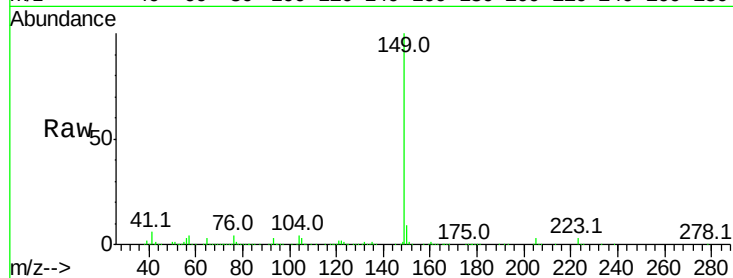
Tot Ion:149 Resp: 490652

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

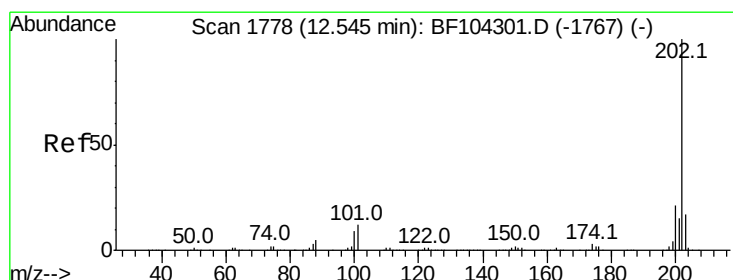
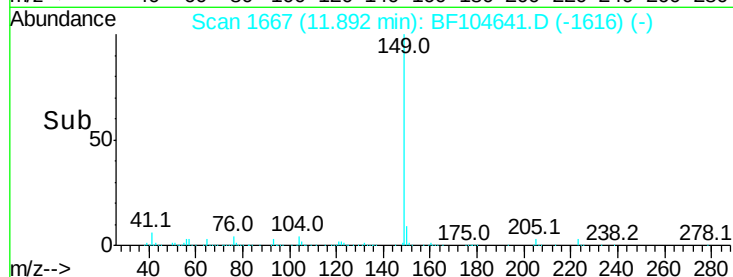
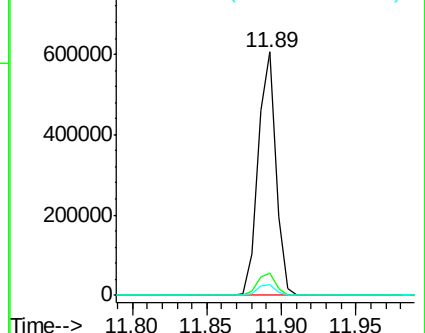
104 4.5 3.8 5.8



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: 30.757 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

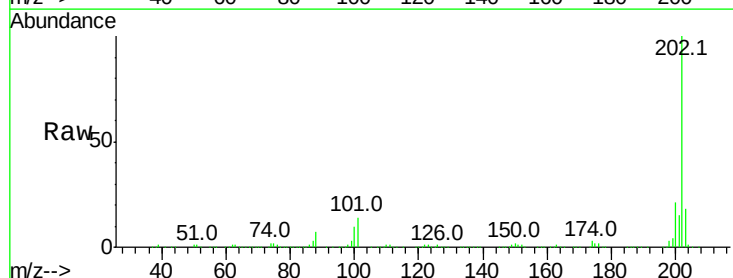
Tgt Ion:202 Resp: 470561

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

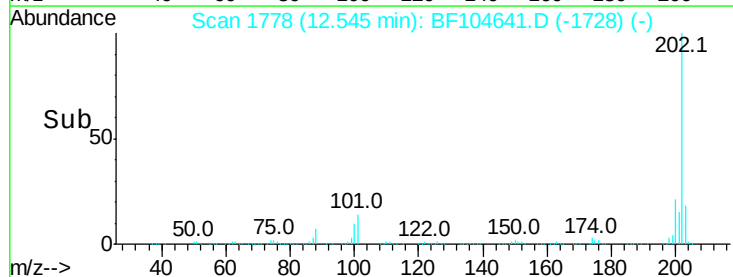
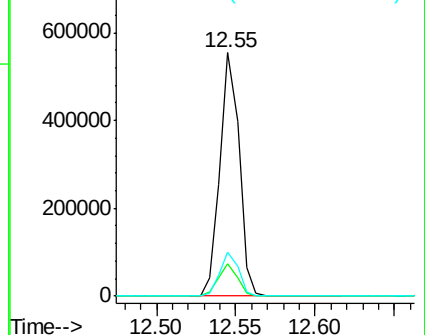
203 17.9 0.0 38.1

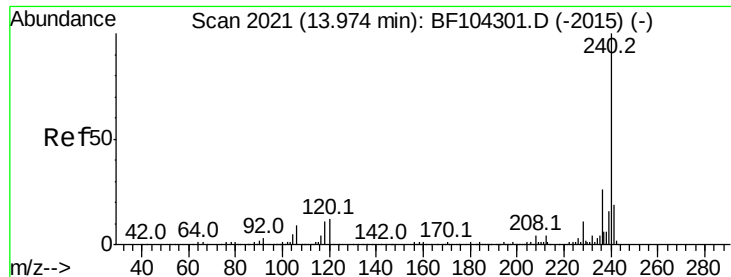


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampleId :

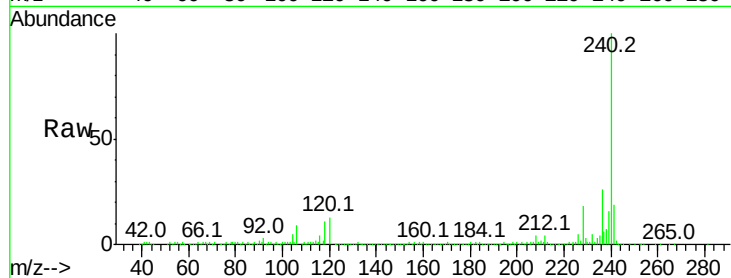
Tot Ion:240 Resp: 268978

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

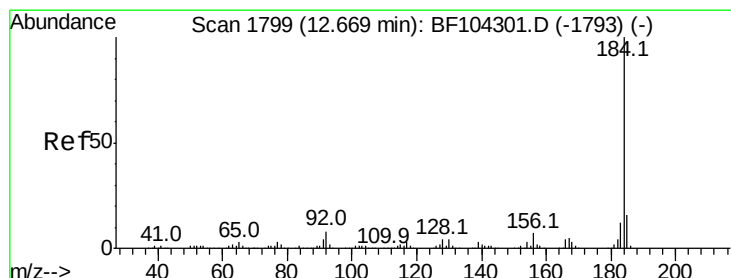
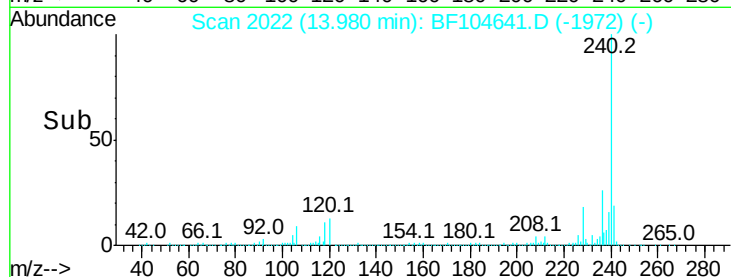
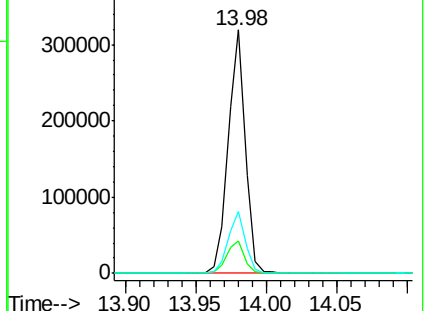
236 25.7 20.7 31.1



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



#76

Benzidine

Concen: 16.520 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

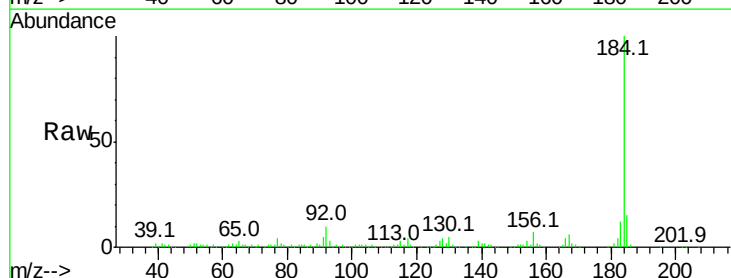
Tgt Ion:184 Resp: 188159

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

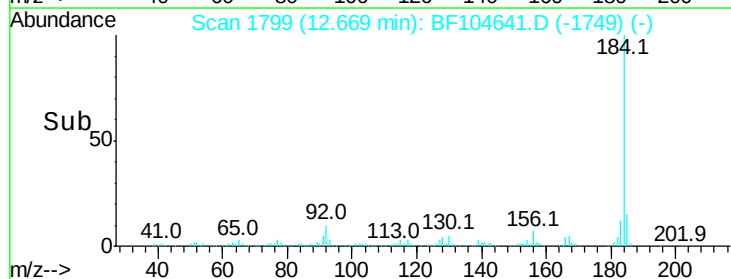
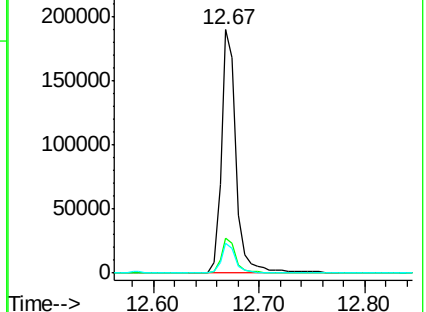
183 12.3 9.3 13.9

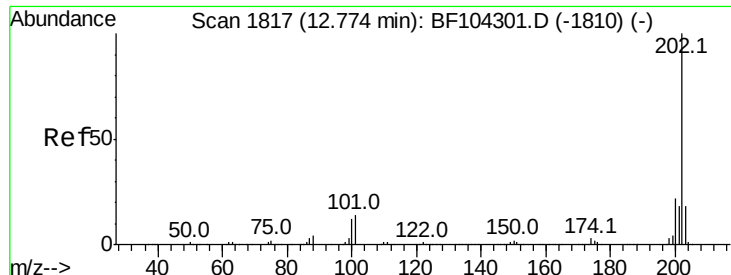


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

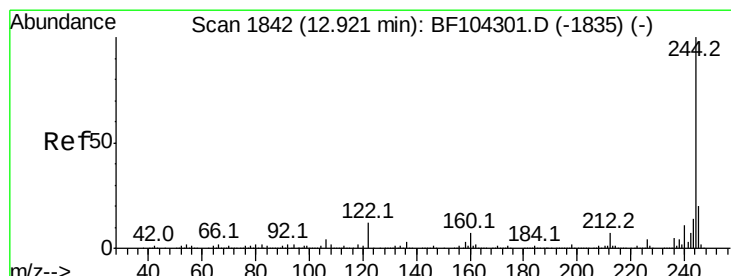
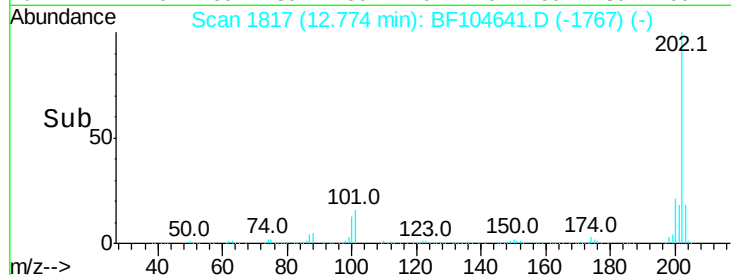
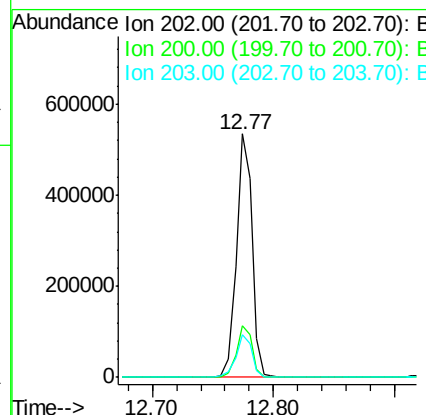
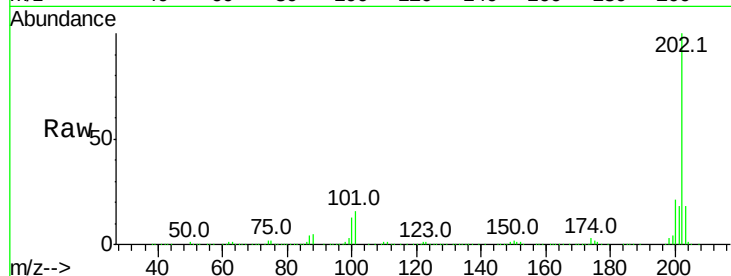




#77
Pvrene
Concen: 24.093 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

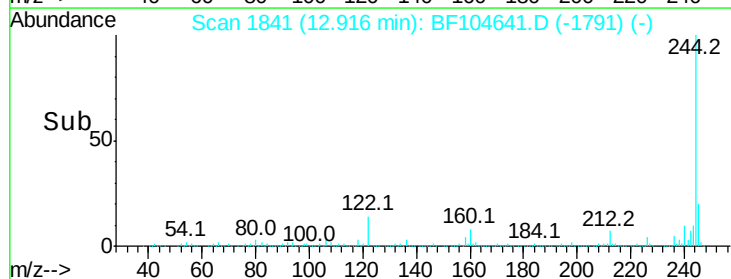
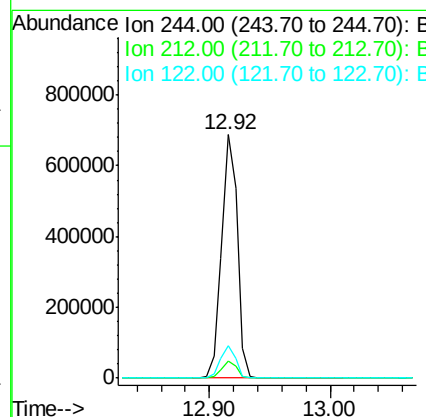
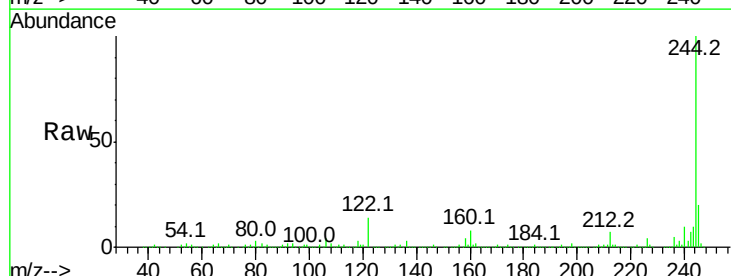
Instrument :
BNA_F
ClientSampleId :

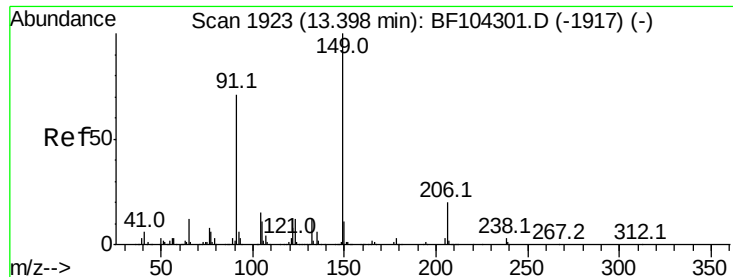
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.6	14.3	21.5



#78
Terphenyl-d14
Concen: 51.890 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.5	11.0	16.4

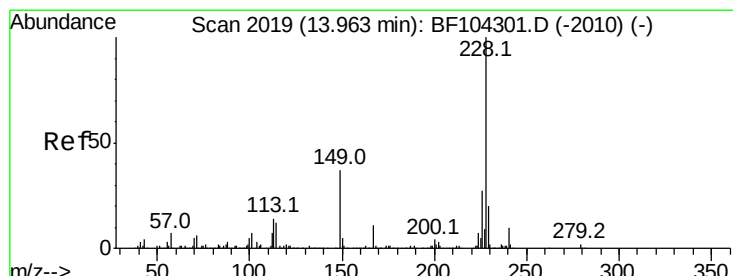
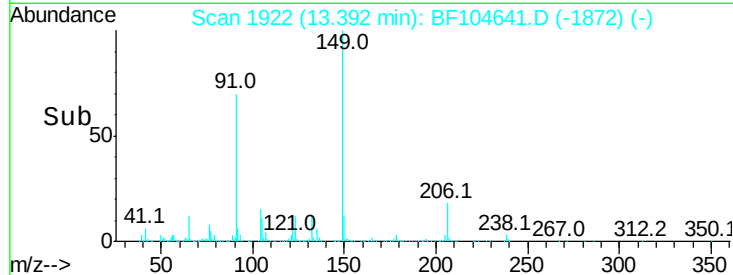
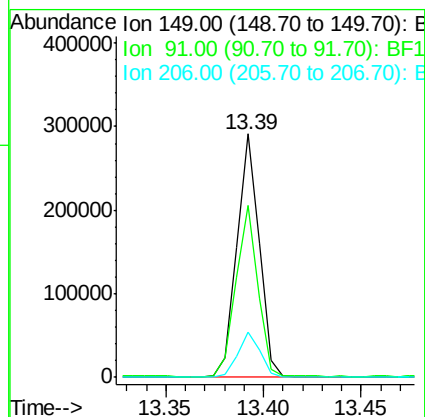
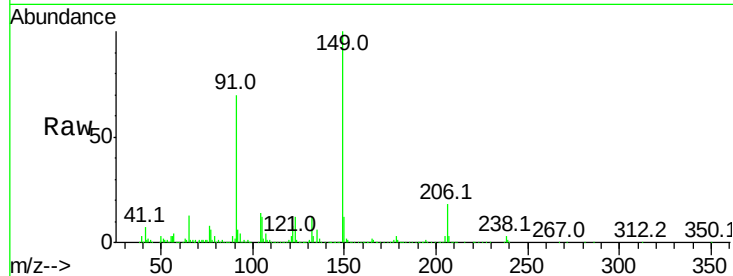




#79
 Butylbenzylphthalate
 Concen: 24.442 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

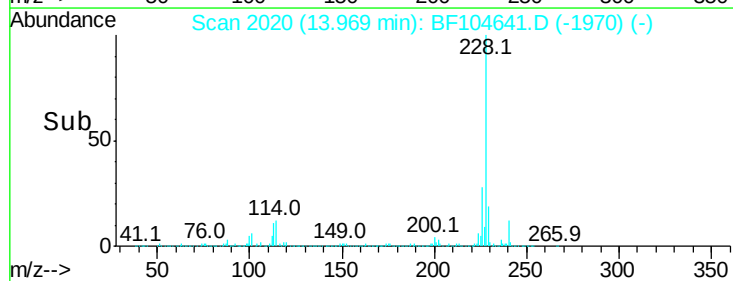
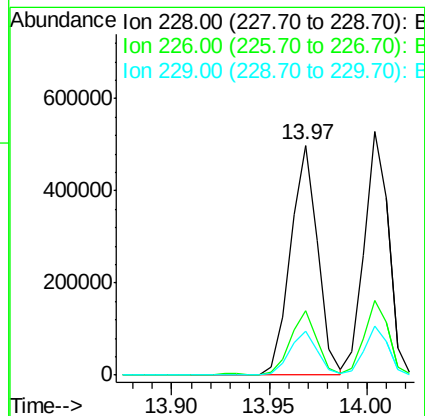
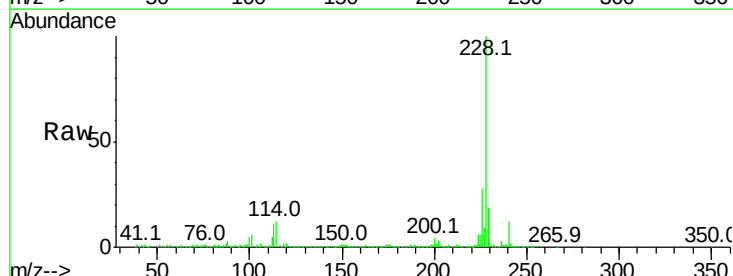
Instrument :
 BNA_F
 ClientSampleId :

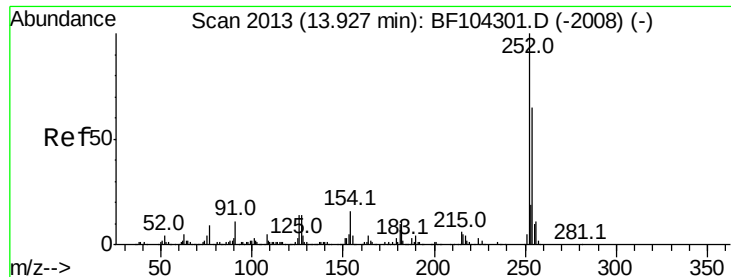
Tot Ion:	149	Resp:	229584
Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.8	85.2
206	18.3	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 29.688 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Tgt Ion:	228	Resp:	477065
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.2	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 25.027 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampleId :

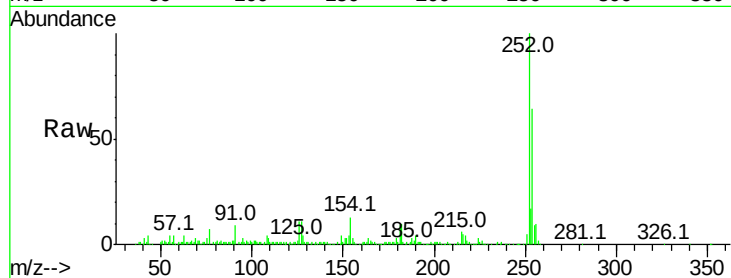
Tot Ion:252 Resp: 149944

Ion Ratio Lower Upper

252 100

254 63.8 50.4 75.6

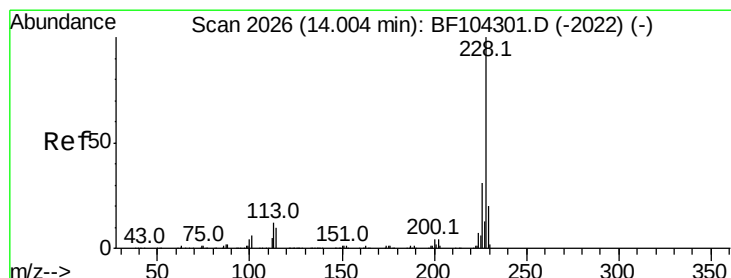
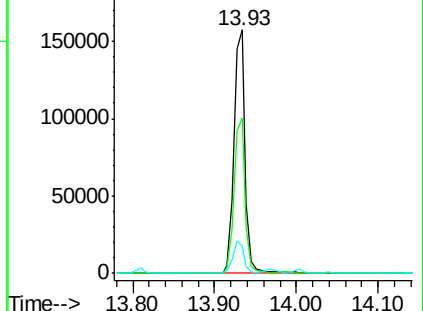
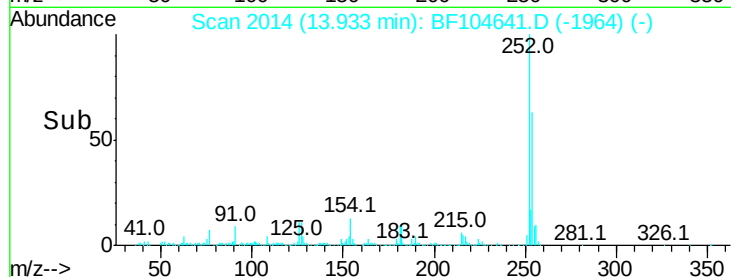
126 11.2 11.3 16.9#



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



#82

Chrysene

Concen: 27.637 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

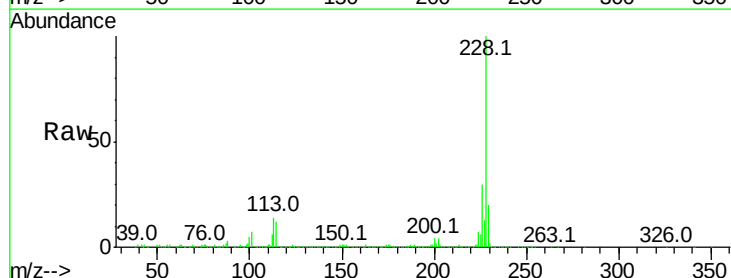
Tgt Ion:228 Resp: 456152

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

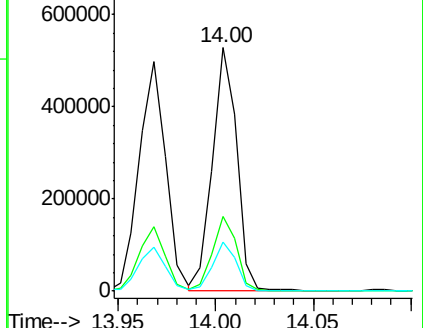
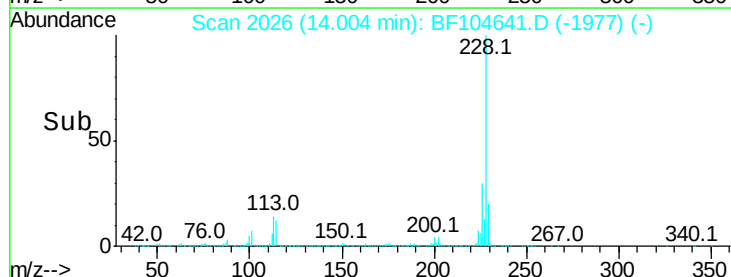
229 20.0 16.2 24.4

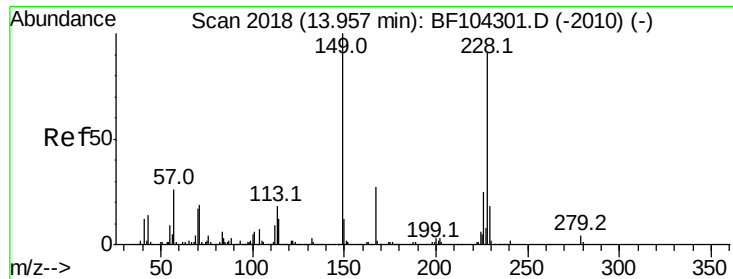


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

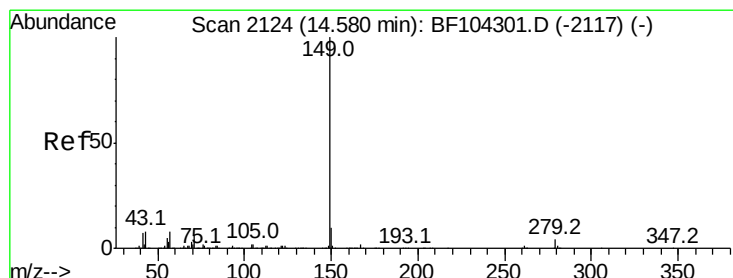
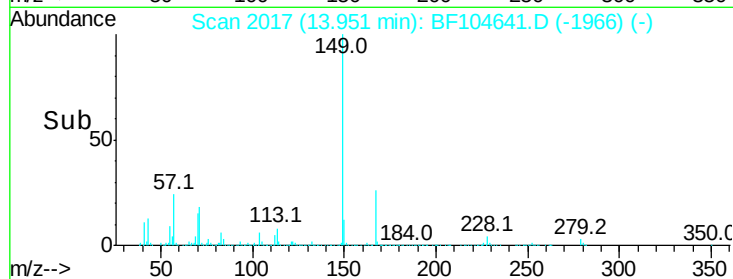
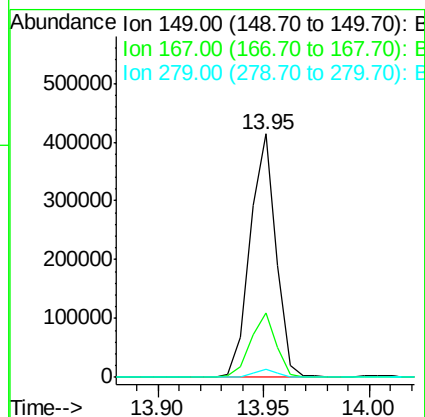
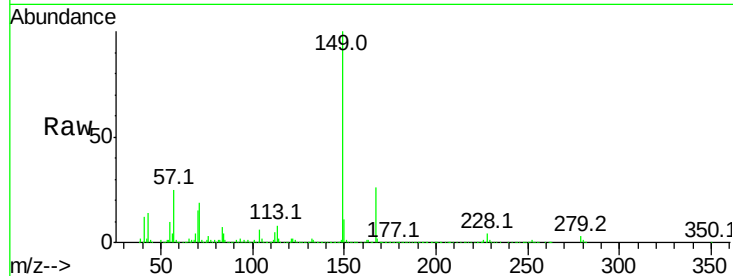




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.925 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

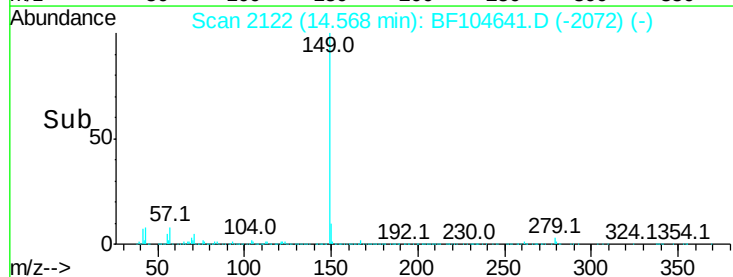
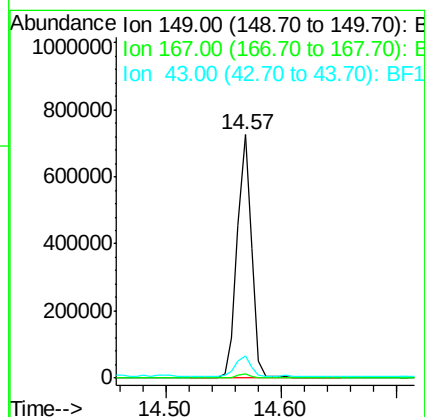
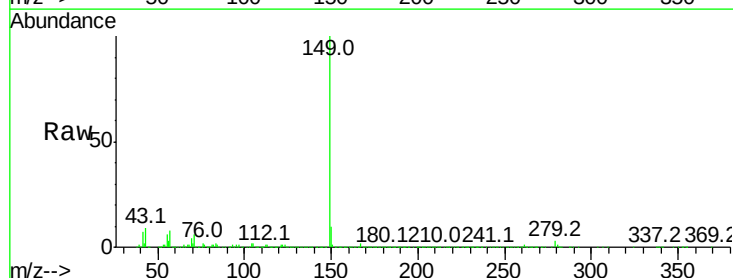
Instrument :
 BNA_F
 ClientSampleId :

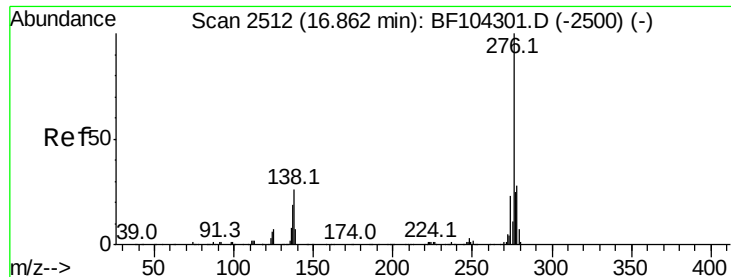
Tot Ion:149 Resp: 349462
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 30.811 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BF104641.D
 Acq: 19 Apr 2018 21:11

Tgt Ion:149 Resp: 621991
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.5 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 24.669 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampleId :

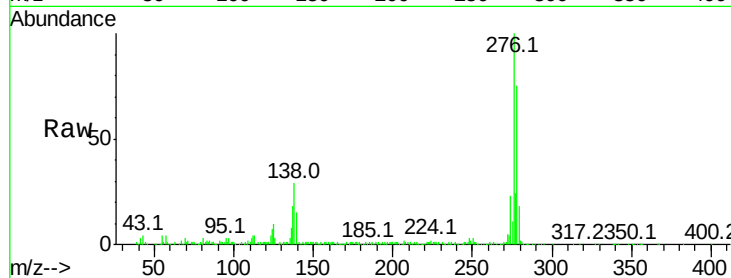
Tot Ion:276 Resp: 345892

Ion Ratio Lower Upper

276 100

138 29.0 25.0 37.6

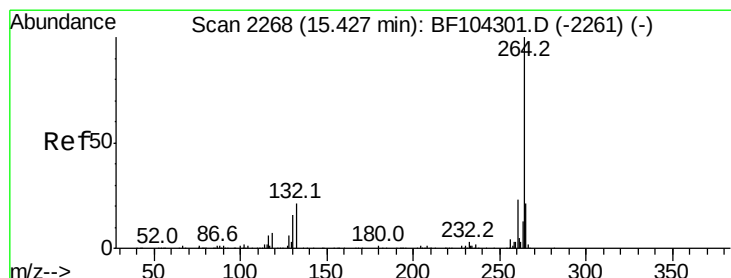
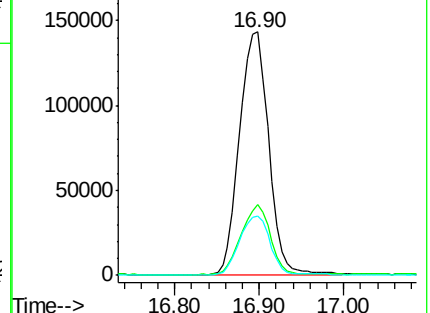
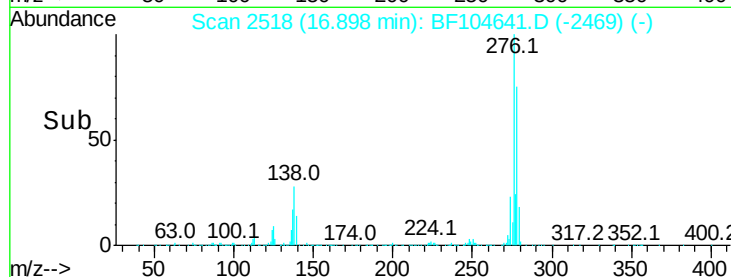
277 26.3 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

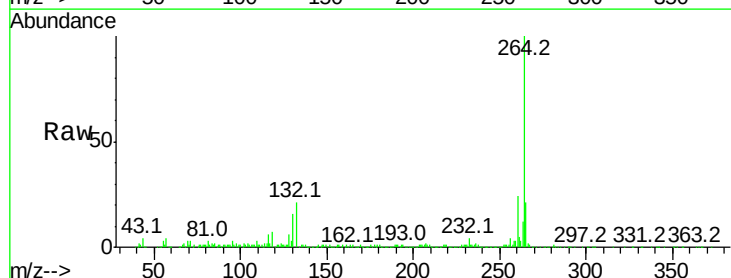
Tgt Ion:264 Resp: 236333

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

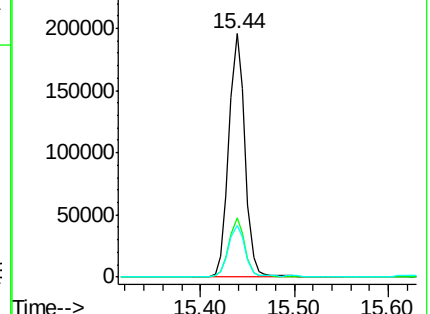
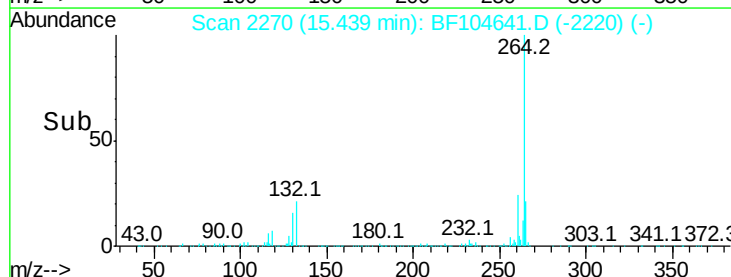
265 21.4 17.5 26.3

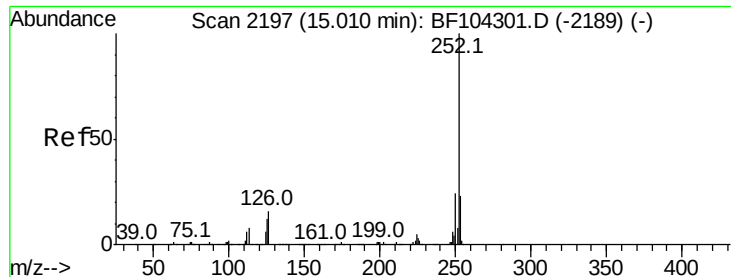


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 27.944 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampled :

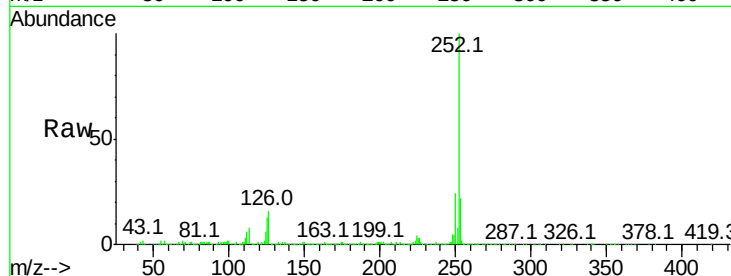
Tot Ion:252 Resp: 417102

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

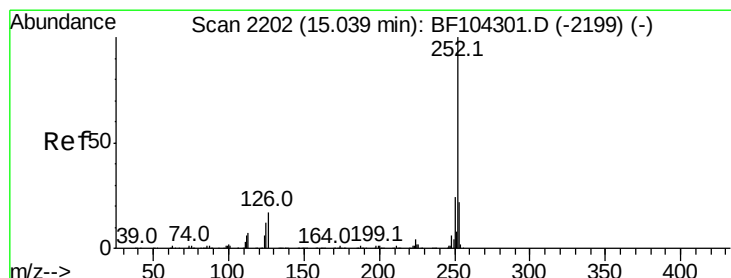
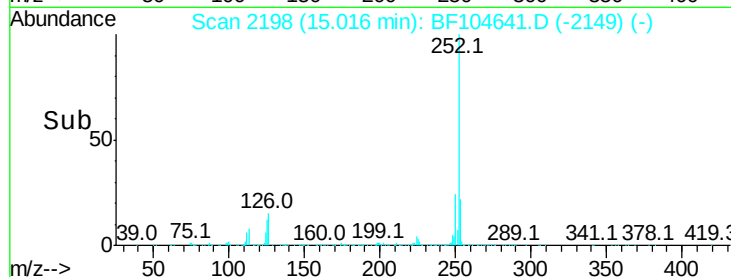
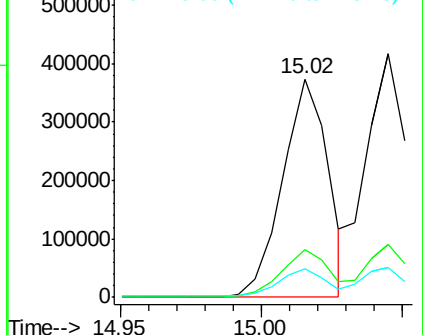
125 12.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 29.604 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

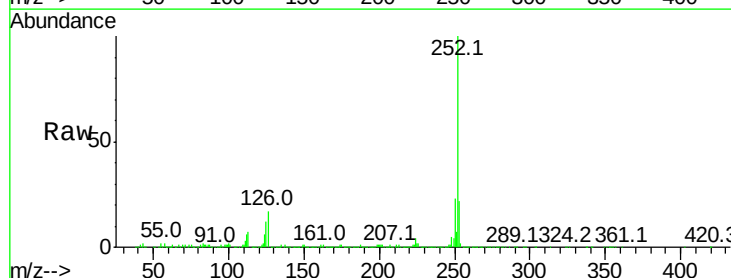
Tgt Ion:252 Resp: 417174

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

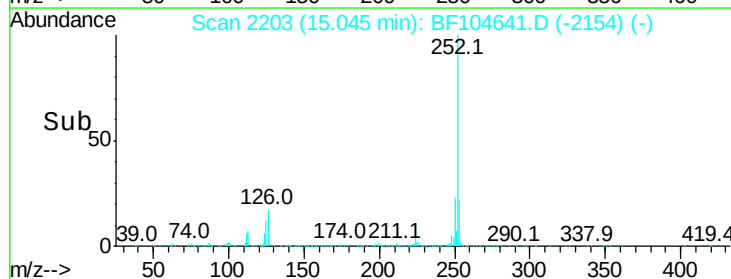
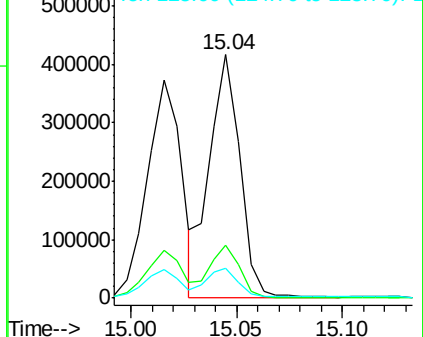
125 12.3 10.2 15.2

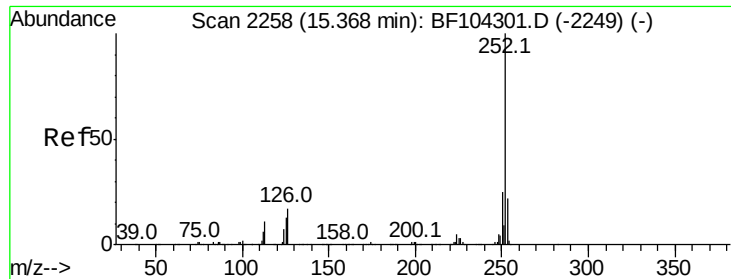


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

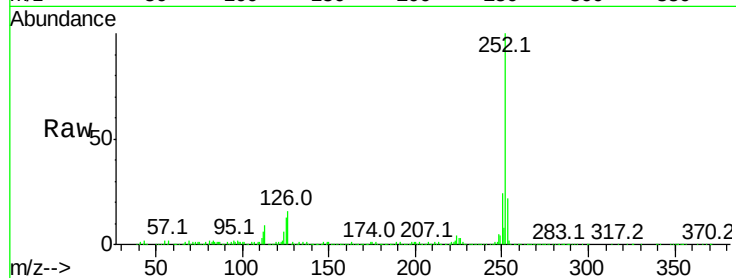




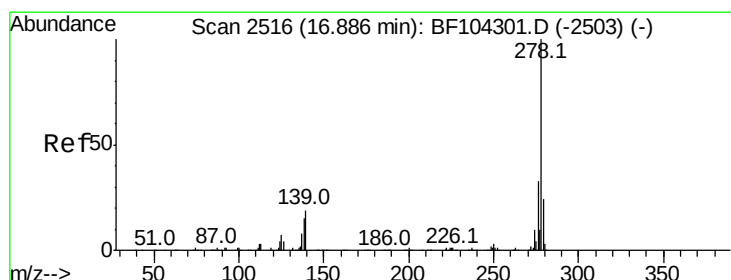
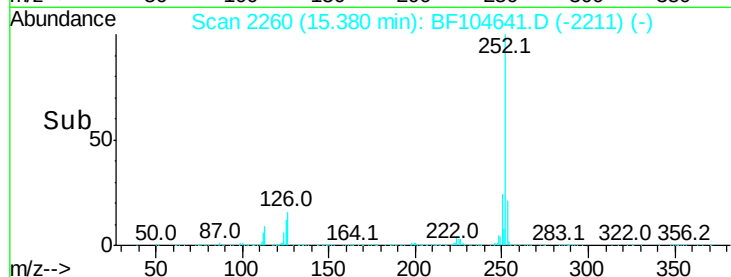
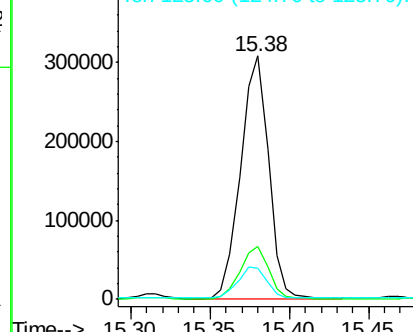
#89
Benzo(a)pyrene
Concen: 28.341 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	12.7	9.8	14.6

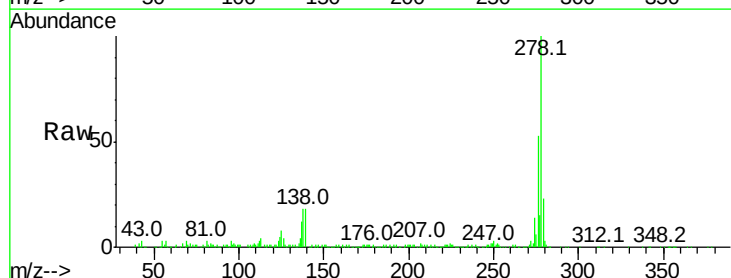


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

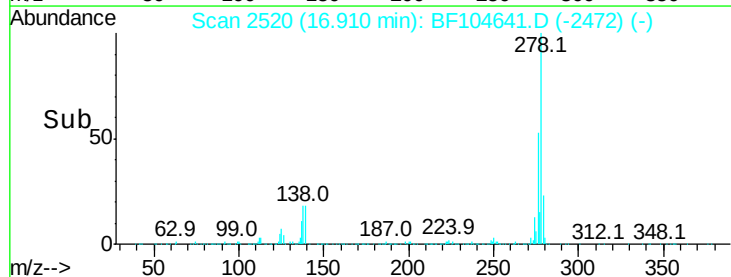
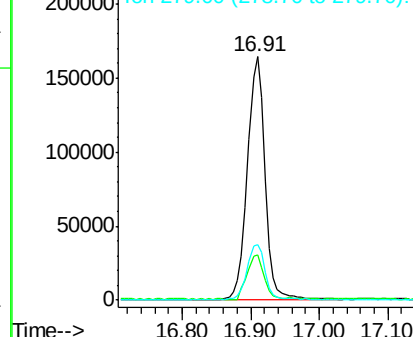


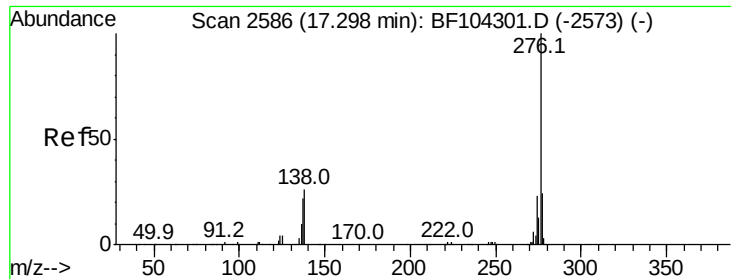
#90
Dibenzo(a,h)anthracene
Concen: 27.044 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF104641.D
Acq: 19 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.9	23.9
279	22.9	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(a,h,i)perylene

Concen: 24.960 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.02 min

Lab File: BF104641.D

Acq: 19 Apr 2018 21:11

Instrument :

BNA_F

ClientSampleId :

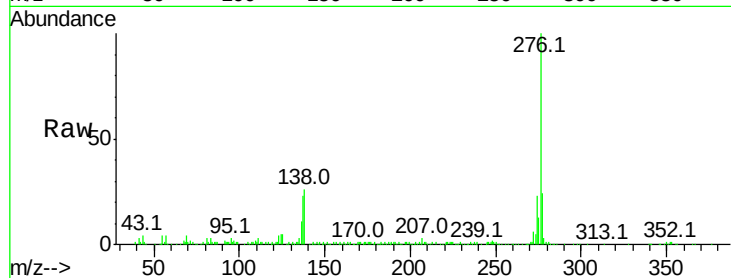
Tot Ion:276 Resp: 265247

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 26.4 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

