

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104941.D
 Acq On : 30 Apr 2018 19:01
 Operator : JU/SJ
 Sample : J2613-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 04:35:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116304	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	480318	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	218072	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	365352	20.00	ng	0.00
75) Chrysene-d12	13.97	240	229034	20.00	ng	0.00
86) Perylene-d12	15.44	264	209638	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	781491	102.74	ng	0.01
7) Phenol-d6	6.44	99	963295	103.07	ng	0.00
23) Nitrobenzene-d5	7.36	82	595472	80.95	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	239208	105.75	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1061230	76.88	ng	0.00
78) Terphenyl-d14	12.91	244	833089	82.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	91863	25.92	ng	87
3) Pyridine	3.28	79	251569	25.25	ng	87
4) n-Nitrosodimethylamine	3.23	42	110361	31.68	ng	# 78
6) Aniline	6.46	93	279470	21.52	ng	# 19
8) 2-Chlorophenol	6.58	128	293242	36.53	ng	94
9) Benzaldehyde	6.34	77	108004	19.05	ng	98
10) Phenol	6.45	94	359642	36.27	ng	76
11) bis(2-Chloroethyl)ether	6.53	93	268255	33.90	ng	91
12) 1,3-Dichlorobenzene	6.73	146	302627	33.27	ng	97
13) 1,4-Dichlorobenzene	6.81	146	304043	33.54	ng	99
14) 1,2-Dichlorobenzene	6.96	146	289318	34.44	ng	99
15) Benzyl Alcohol	6.94	79	229621	32.35	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	305848	28.78	ng	71
17) 2-Methylphenol	7.06	107	235367	33.73	ng	# 92
18) Hexachloroethane	7.30	117	105473	32.63	ng	98
19) n-Nitroso-di-n-propylamine	7.21	70	185177	30.32	ng	93
20) 3+4-Methylphenols	7.21	107	290546	33.57	ng	# 74
22) Acetophenone	7.20	105	388727	32.87	ng	99
24) Nitrobenzene	7.38	77	290648	35.79	ng	97
25) Isophorone	7.62	82	531735	34.18	ng	99
26) 2-Nitrophenol	7.70	139	151550	45.84	ng	# 89
27) 2,4-Dimethylphenol	7.73	122	258257	37.62	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	341003	35.86	ng	99
29) 2,4-Dichlorophenol	7.94	162	245657	37.50	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	249862	34.76	ng	100
31) Naphthalene	8.10	128	822763	34.40	ng	99
32) Benzoic acid	7.84	122	43049	7.86	ng	95
33) 4-Chloroaniline	8.15	127	172850	16.87	ng	96
34) Hexachlorobutadiene	8.21	225	135739	34.47	ng	97
35) Caprolactam	8.53	113	74861	32.76	ng	# 71
36) 4-Chloro-3-methylphenol	8.65	107	256531	36.53	ng	98
37) 2-Methylnaphthalene	8.79	142	547115	35.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	238460	38.20	ng	98
40) Hexachlorocyclopentadiene	8.93	237	57332	16.41	ng	99

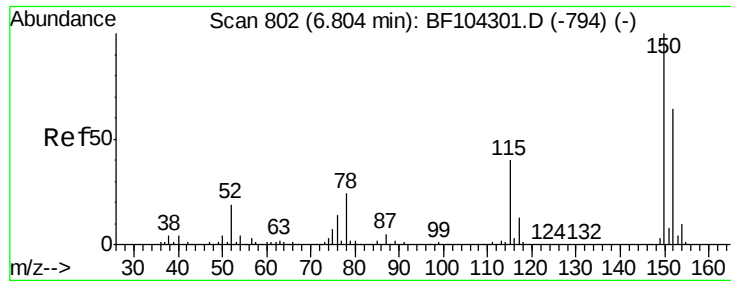
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104941.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	164398	37.94	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	171840	35.44	nq	96
45) 1,1'-Biphenyl	9.26	154	646367	35.28	nq	98
46) 2-Chloronaphthalene	9.28	162	511205	35.33	nq	100
47) 2-Nitroaniline	9.39	65	151701	42.39	nq	89
48) Acenaphthylene	9.70	152	747548	32.93	nq	100
49) Dimethylphthalate	9.56	163	709370	41.25	nq	99
50) 2,6-Dinitrotoluene	9.63	165	132532	41.65	nq	90
51) Acenaphthene	9.87	154	441702	31.89	nq	99
52) 3-Nitroaniline	9.80	138	113826	30.56	nq	97
53) 2,4-Dinitrophenol	9.91	184	17259	22.59	nq	# 24
54) Dibenzofuran	10.04	168	660895	34.24	nq	98
55) 4-Nitrophenol	9.97	139	170031	58.10	nq	94
56) 2,4-Dinitrotoluene	10.03	165	159999	38.33	nq	96
57) Fluorene	10.39	166	522309	37.17	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	123279	34.08	nq	94
59) Diethylphthalate	10.25	149	587672	34.31	nq	99
60) 4-Chlorophenyl-phenylether	10.37	204	248080	39.64	nq	95
61) 4-Nitroaniline	10.42	138	131894	36.21	nq	94
62) Azobenzene	10.53	77	516465	31.56	nq	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	20147	16.94	nq	80
65) n-Nitrosodiphenylamine	10.50	169	468554	36.99	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	146548	37.71	nq	94
67) Hexachlorobenzene	10.93	284	157902	36.11	nq	# 89
68) Atrazine	11.03	200	145455	38.04	nq	98
69) Pentachlorophenol	11.13	266	115500	42.70	nq	98
70) Phenanthrene	11.35	178	711434	34.97	nq	99
71) Anthracene	11.40	178	731527	35.37	nq	99
72) Carbazole	11.56	167	638496	31.59	nq	100
73) Di-n-butylphthalate	11.88	149	860327	34.85	nq	99
74) Fluoranthene	12.54	202	664378	31.25	nq	97
76) Benzidine	12.66	184	254388	30.49	nq	98
77) Pyrene	12.77	202	647727	38.15	nq	99
79) Butylbenzylphthalate	13.38	149	305536	38.20	nq	96
80) Benzo(a)anthracene	13.96	228	521597	38.12	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	171382	33.59	nq	97
82) Chrysene	14.00	228	485180	34.52	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	421477	40.97	nq	# 99
84) Di-n-octyl phthalate	14.56	149	653388	38.01	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.90	276	423775	35.50	nq	96
87) Benzo(b)fluoranthene	15.02	252	483672	36.53	nq	98
88) Benzo(k)fluoranthene	15.04	252	430985	34.48	nq	98
89) Benzo(a)pyrene	15.38	252	433699	36.61	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	358191	36.81	nq	97
91) Benzo(g,h,i)perylene	17.34	276	340347	36.11	nq	# 94

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

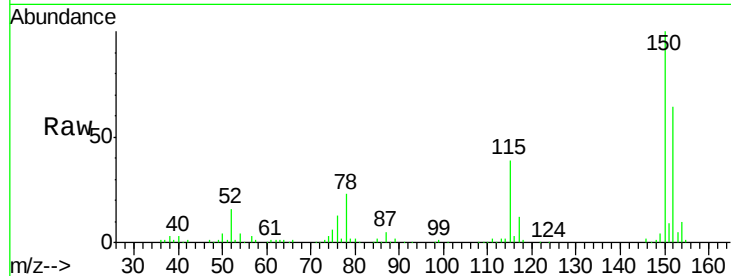


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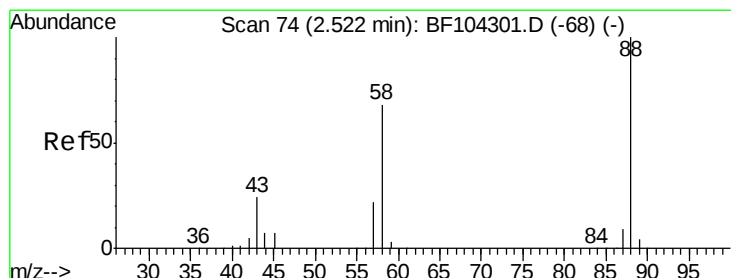
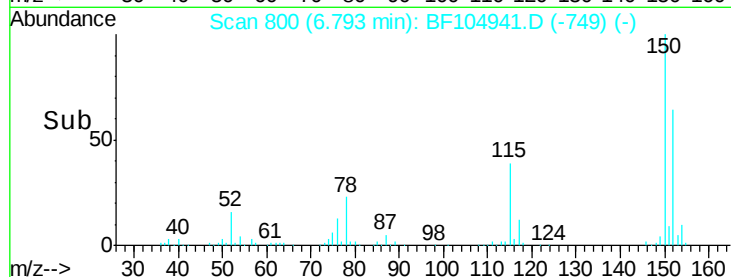
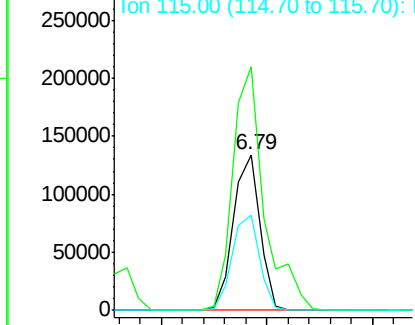
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116304
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 60.7 50.1 75.1



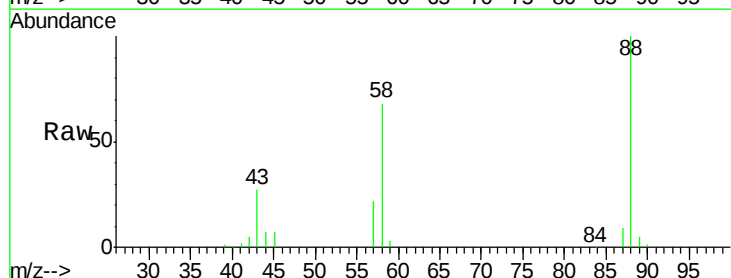
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



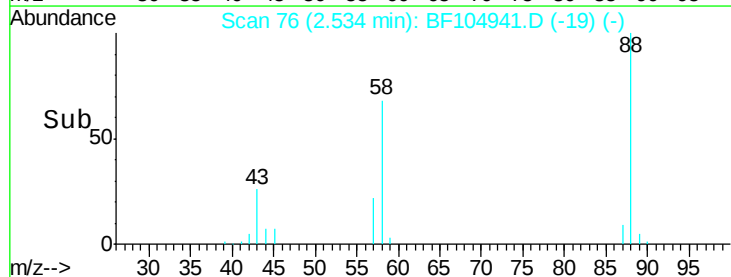
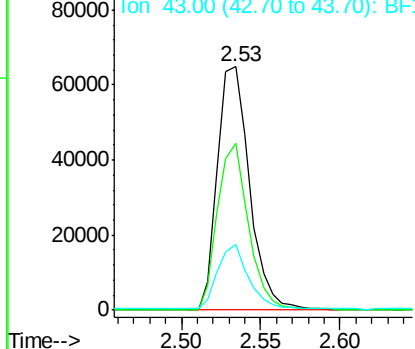
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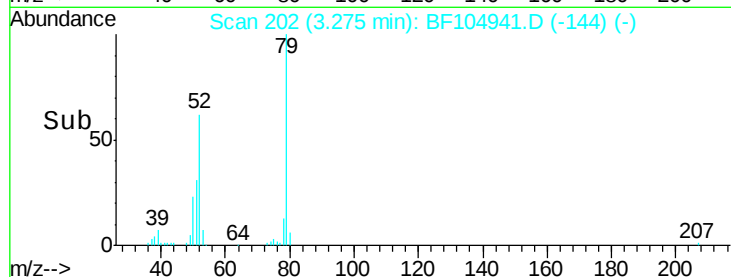
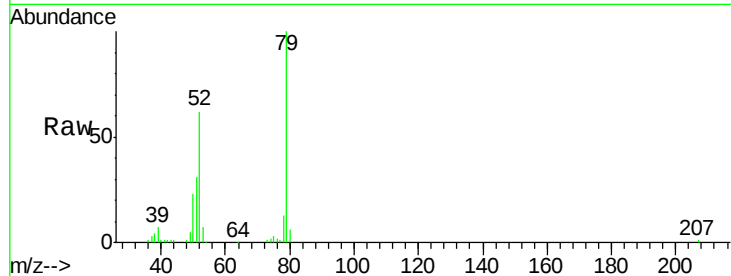
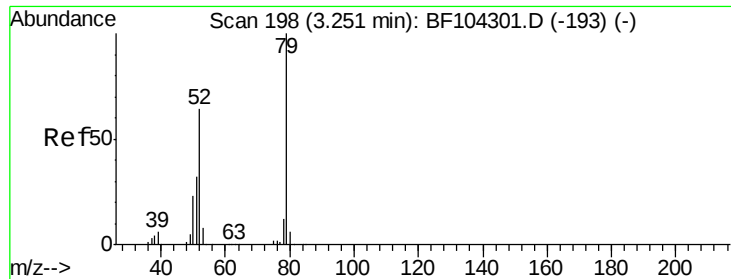
1,4-Dioxane
Concen: 25.92 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.04 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion: 88 Resp: 91863
Ion Ratio Lower Upper
88 100
58 66.2 62.6 93.8
43 25.0 24.6 37.0



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

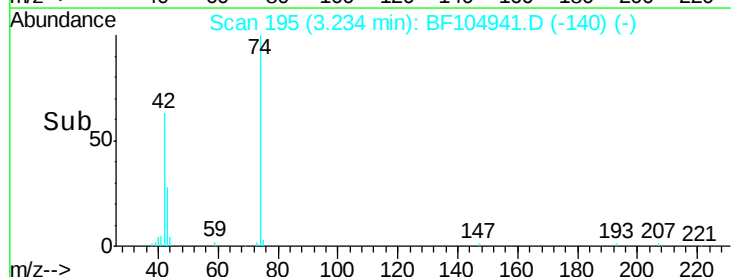
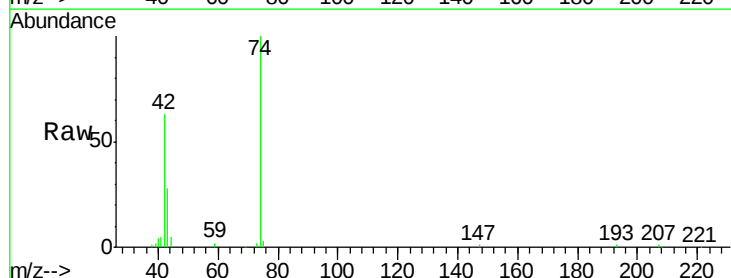
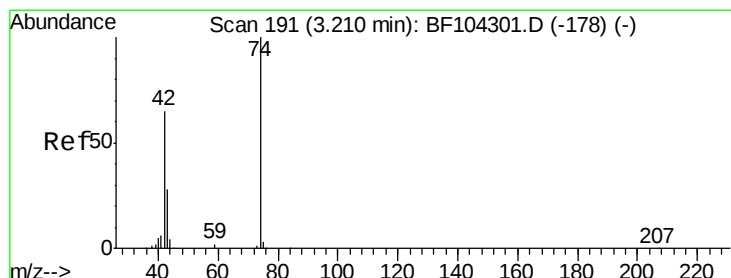
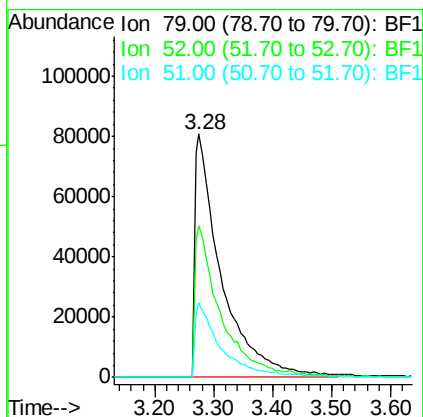




#3
Pvridine
Concen: 25.25 ng
RT: 3.28 min Scan# 202
Delta R.T. 0.04 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

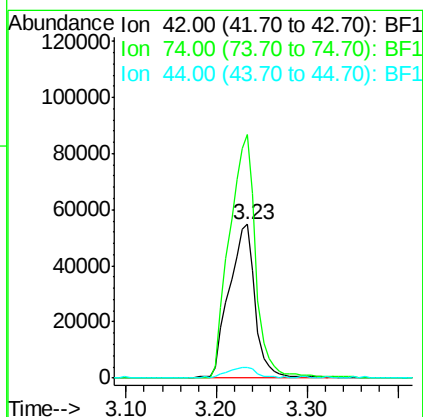
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.5	59.8	89.6
51	30.8	29.8	44.8



#4
n-Nitrosodimethylamine
Concen: 31.68 ng
RT: 3.23 min Scan# 195
Delta R.T. 0.02 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	158.7	104.9	157.3#
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 102.74 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF104941.D

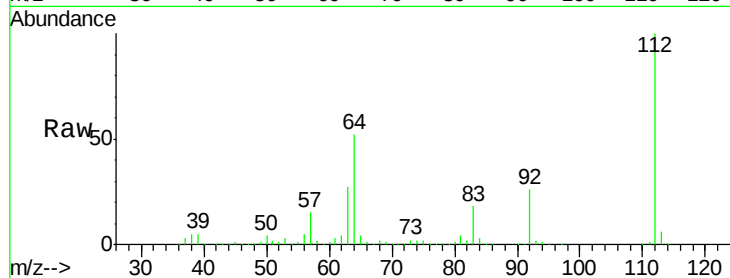
Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampled :

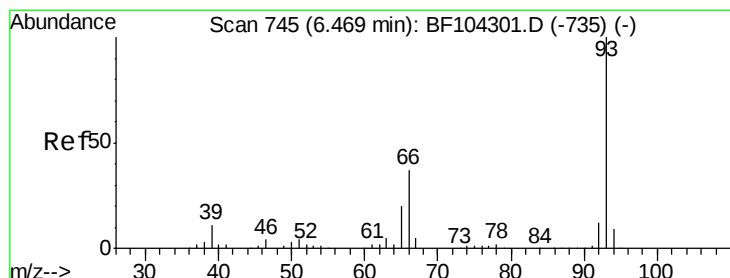
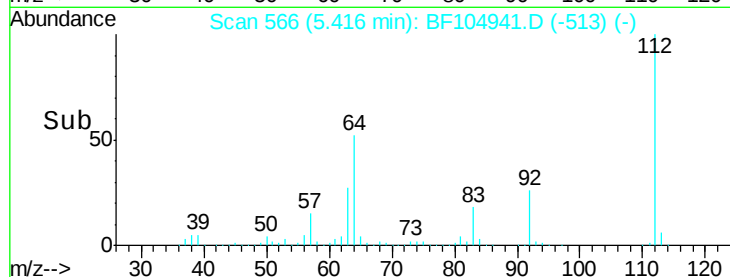
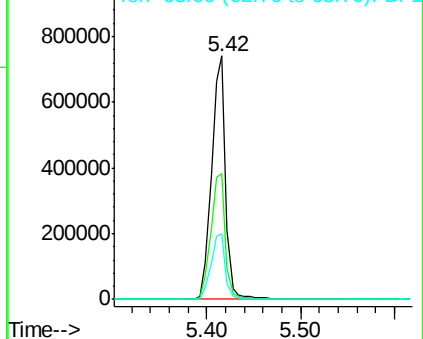
Tot Ion:	112	Resp:	781491
Ion	Ratio	Lower	Upper
112	100		
64	51.8	47.9	71.9
63	27.0	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.52 ng

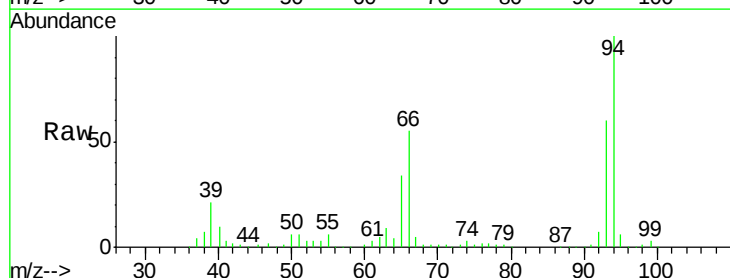
RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

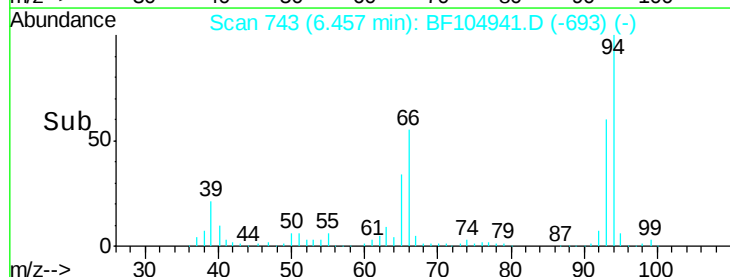
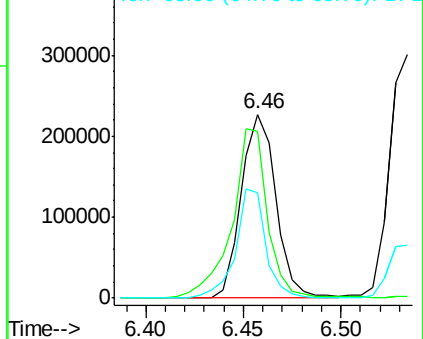
Tgt Ion:	93	Resp:	279470
Ion	Ratio	Lower	Upper
93	100		
66	91.0	32.2	48.2#
65	57.0	16.4	24.6#



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: 103.07 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampled :

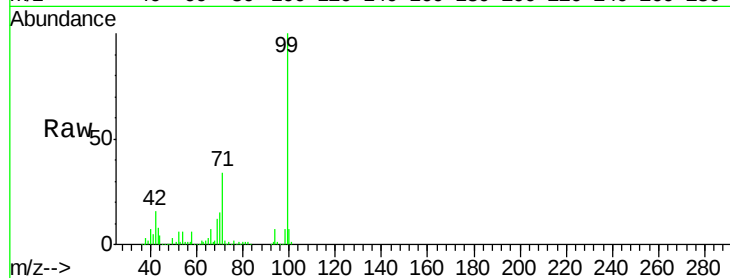
Tot Ion: 99 Resp: 963295

Ion Ratio Lower Upper

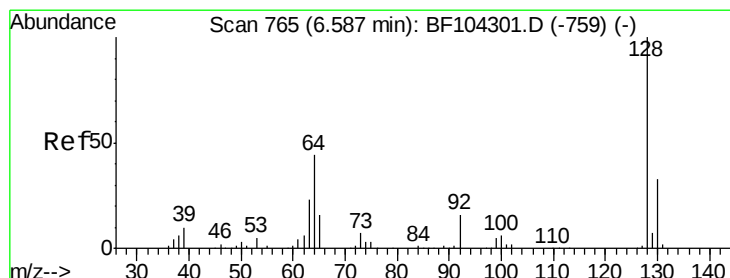
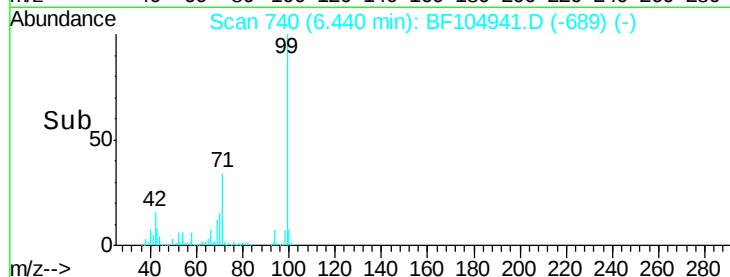
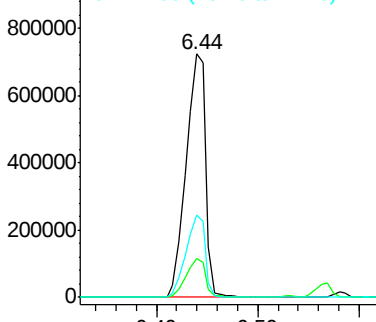
99 100

42 15.7 14.5 21.7

71 34.0 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



#8

2-Chlorophenol

Concen: 36.53 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

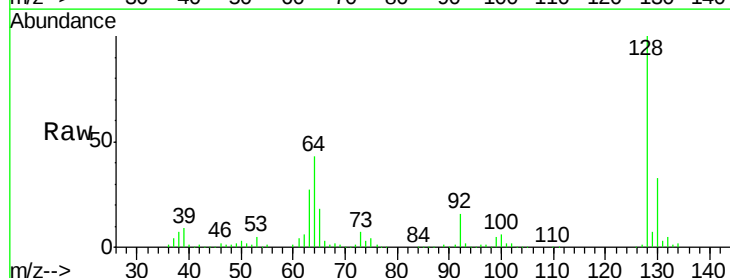
Tgt Ion: 128 Resp: 293242

Ion Ratio Lower Upper

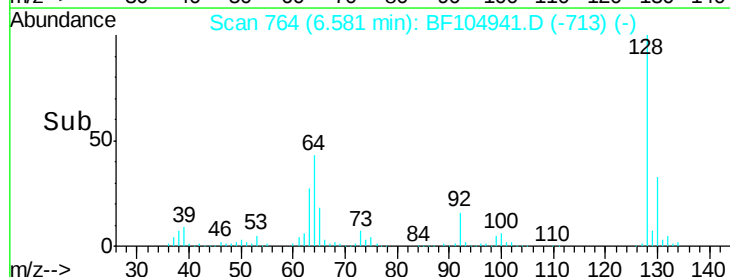
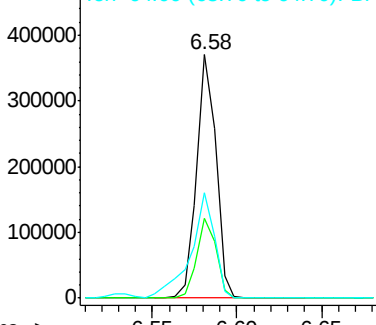
128 100

130 32.9 13.0 53.0

64 43.1 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

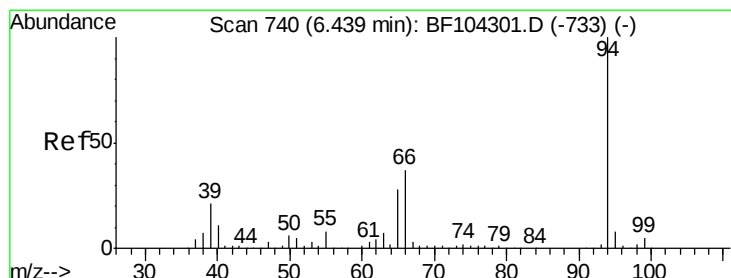
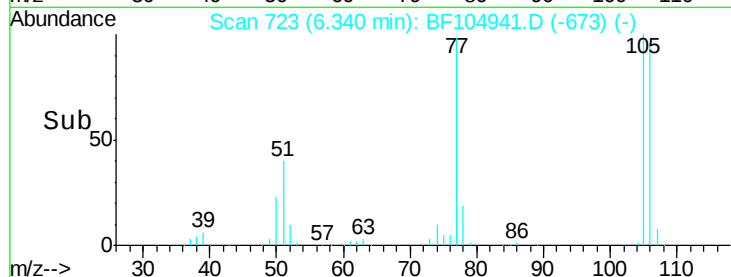
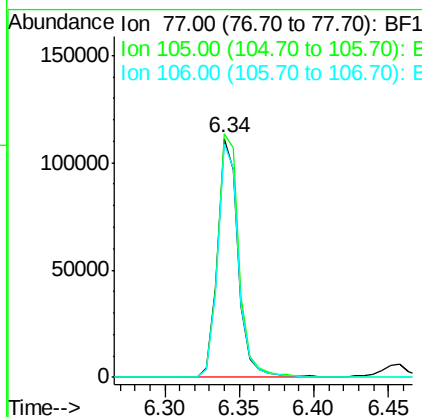
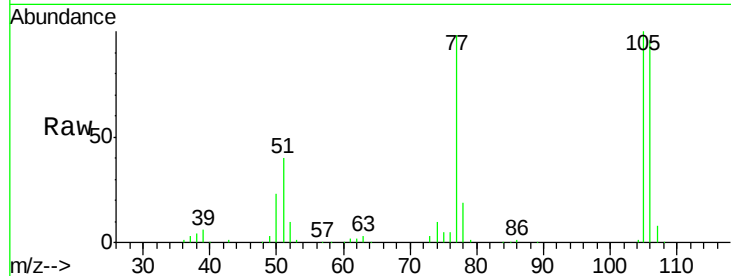




#9
Benzaldehyde
Concen: 19.05 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

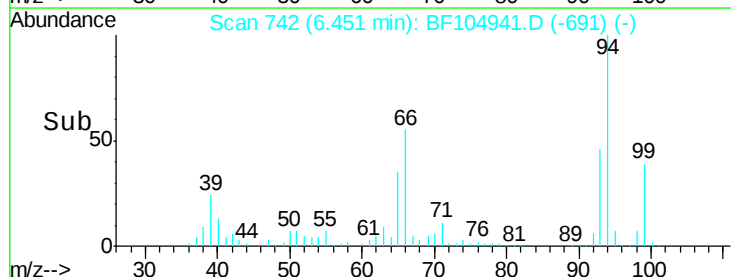
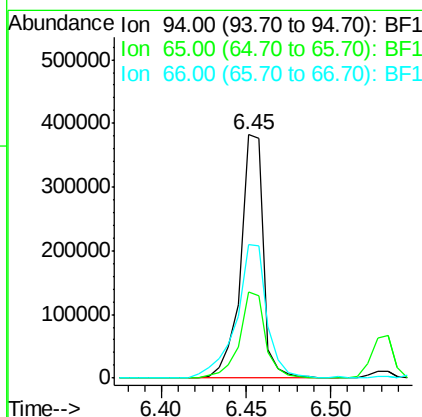
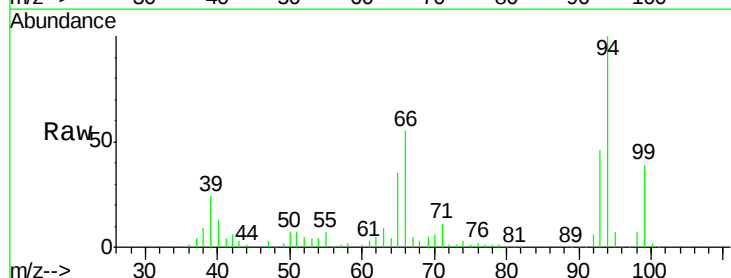
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 108004
Ion Ratio Lower Upper
77 100
105 101.8 81.1 121.1
106 97.5 74.5 114.5



#10
Phenol
Concen: 36.27 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion: 94 Resp: 359642
Ion Ratio Lower Upper
94 100
65 35.2 7.9 47.9
66 54.8 16.2 56.2

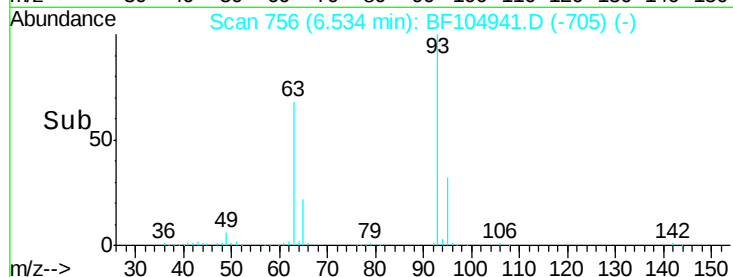
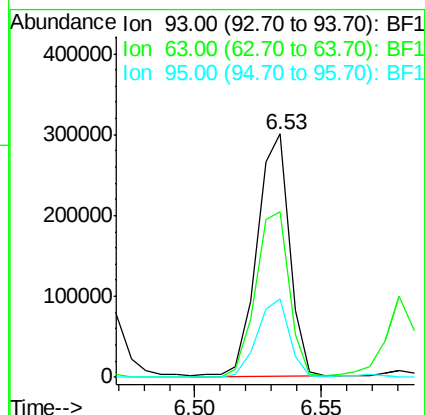
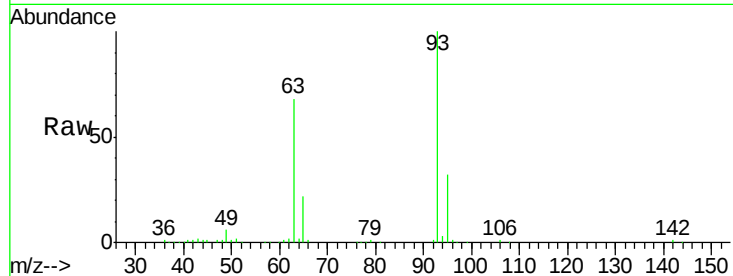




#11
bis(2-Chloroethyl)ether
Concen: 33.90 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

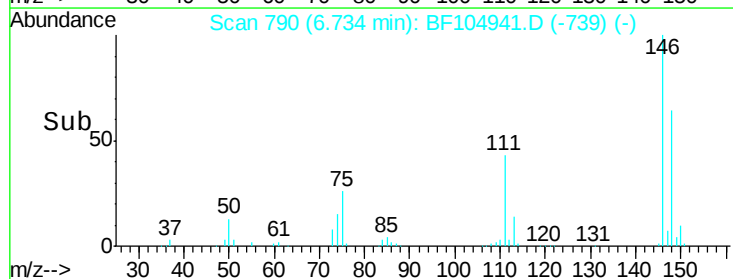
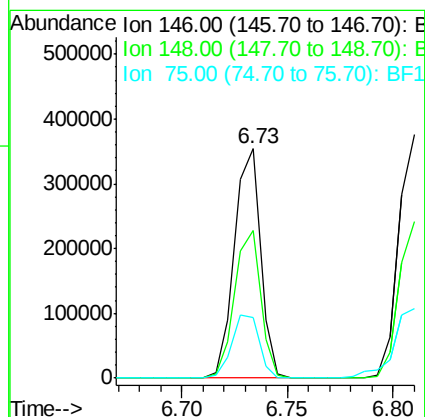
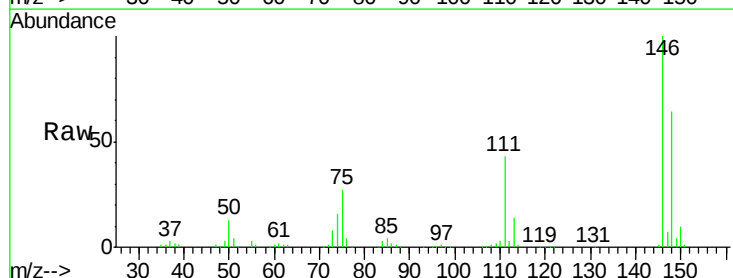
Instrument :
BNA_F
ClientSampleId :

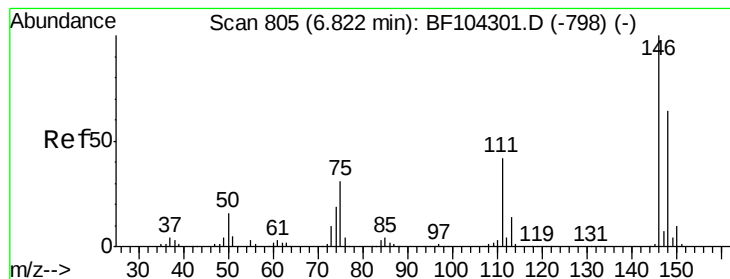
Tot Ion	Ratio	Lower	Upper
93	100		
63	67.8	58.6	98.6
95	32.0	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 33.27 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	26.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 33.54 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

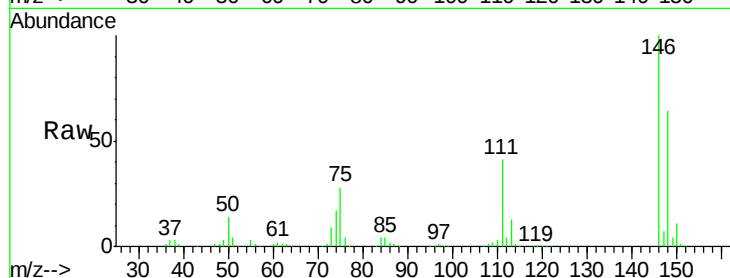
Tot Ion:146 Resp: 304043

Ion Ratio Lower Upper

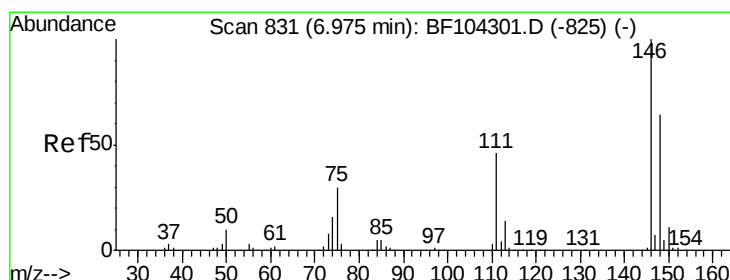
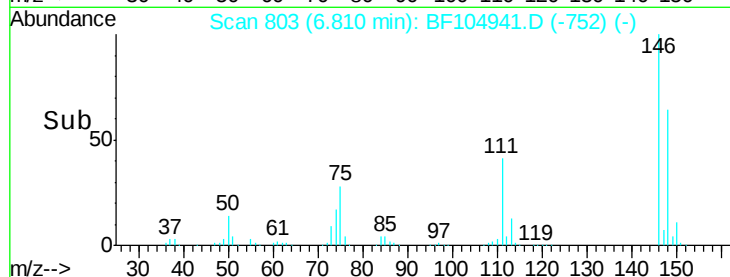
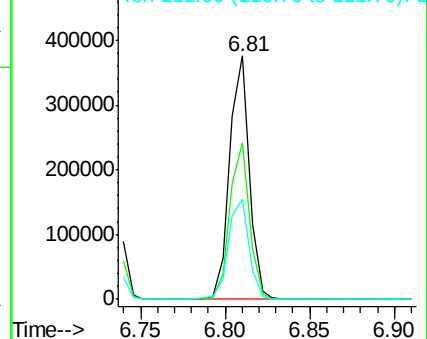
146 100

148 64.3 50.8 76.2

111 41.4 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: 34.44 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

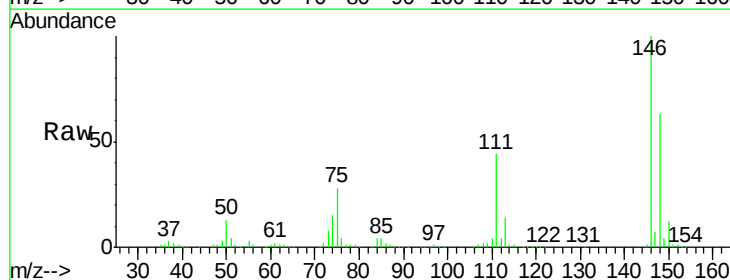
Tgt Ion:146 Resp: 289318

Ion Ratio Lower Upper

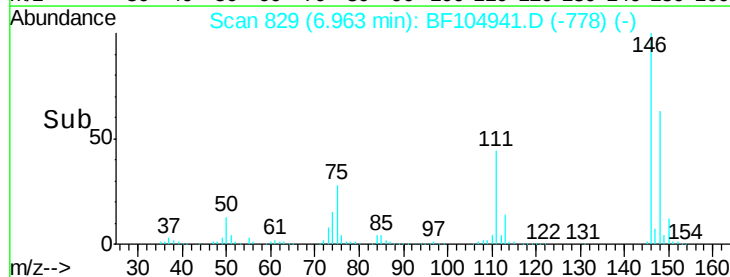
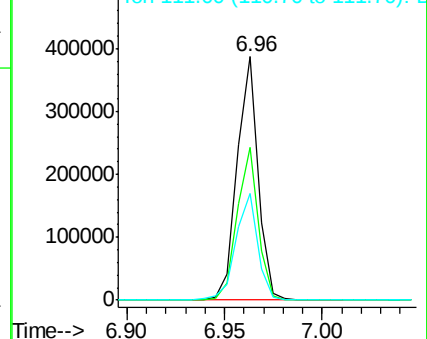
146 100

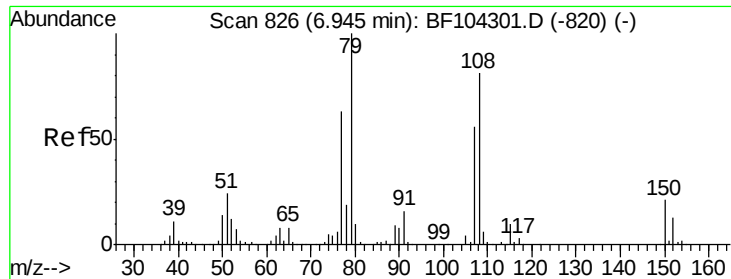
148 62.7 50.6 75.8

111 43.7 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: 32.35 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

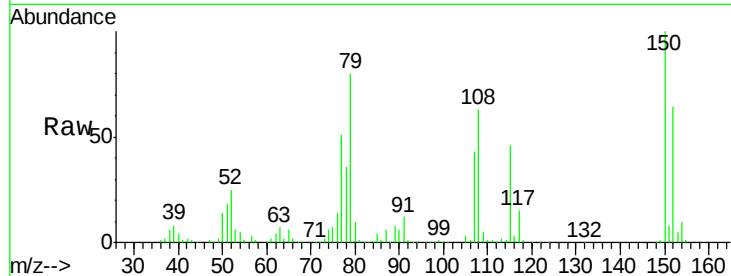
Tot Ion: 79 Resp: 229621

Ion Ratio Lower Upper

79 100

108 78.6 65.1 97.7

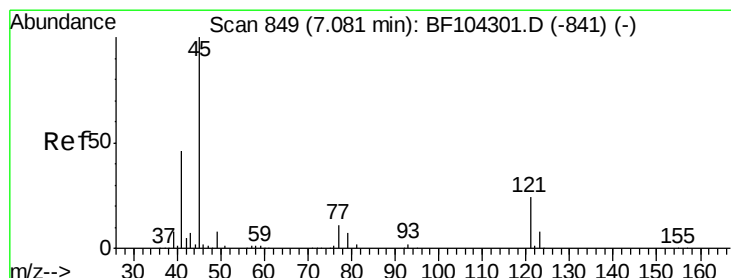
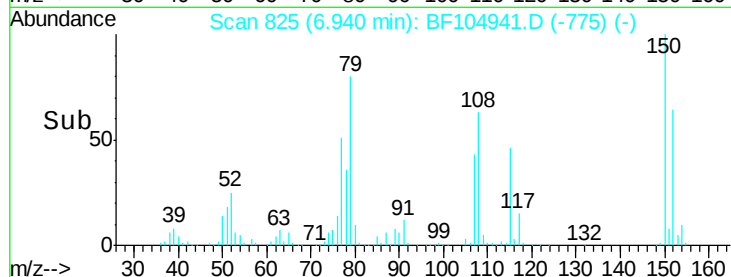
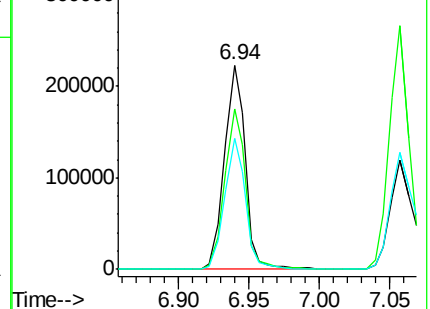
77 64.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.78 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

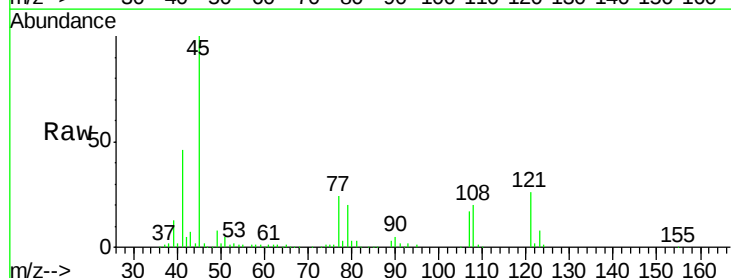
Tgt Ion: 45 Resp: 305848

Ion Ratio Lower Upper

45 100

77 24.4 0.0 32.9

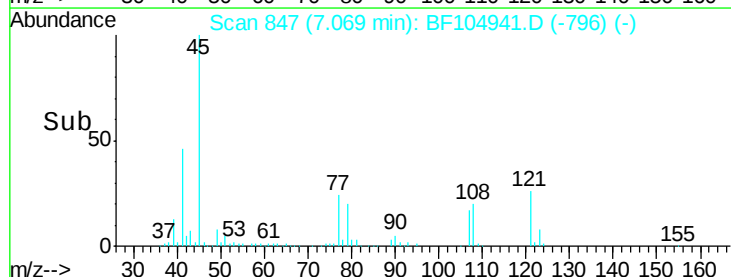
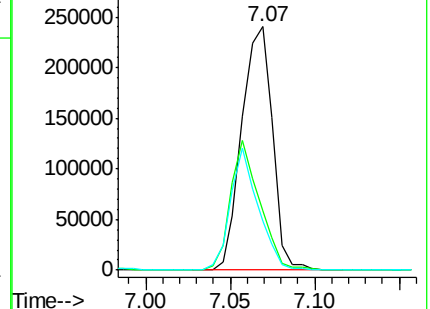
79 19.9 0.0 29.6

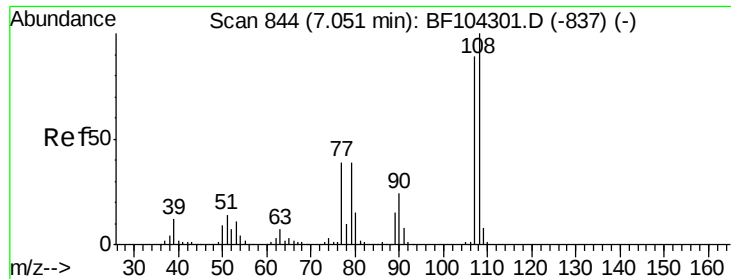


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 33.73 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 235367

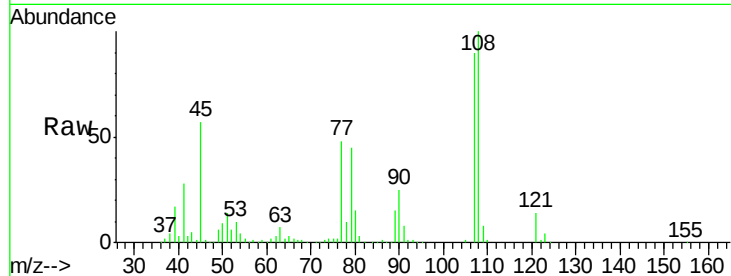
Ion Ratio Lower Upper

107 100

108 111.7 91.7 137.5

77 53.5 33.8 50.8#

79 50.3 33.8 50.8

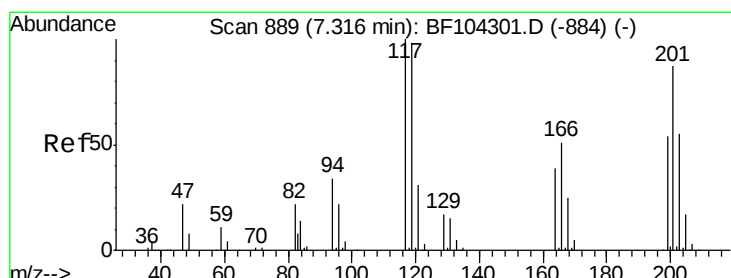
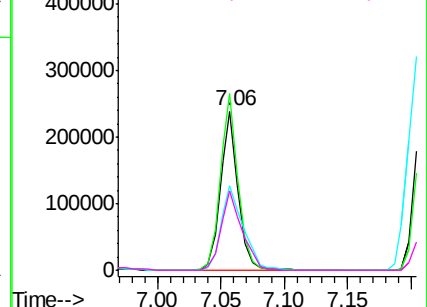
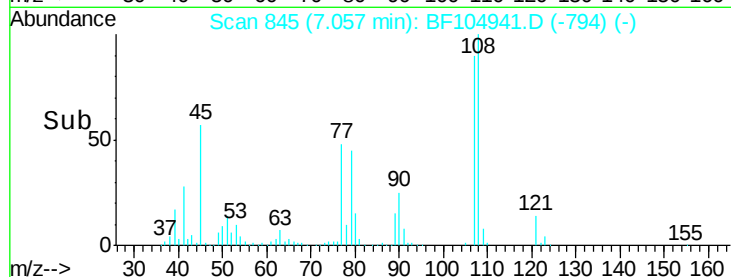


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.63 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

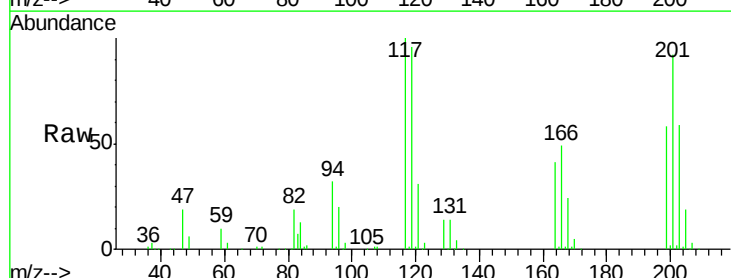
Tgt Ion:117 Resp: 105473

Ion Ratio Lower Upper

117 100

119 95.9 75.8 113.8

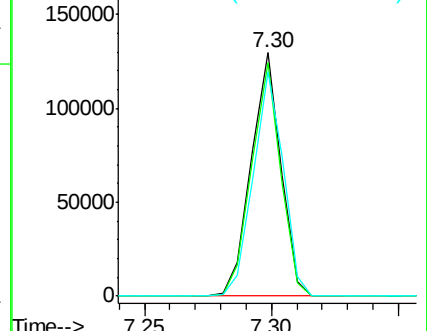
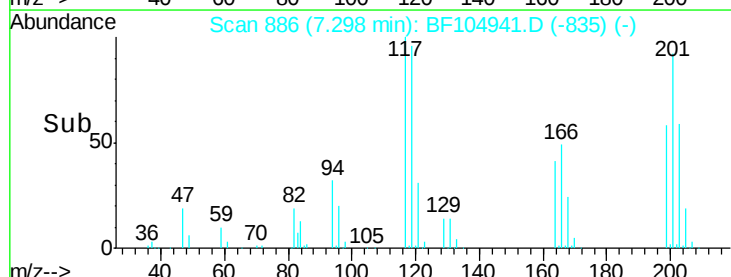
201 92.3 75.7 113.5

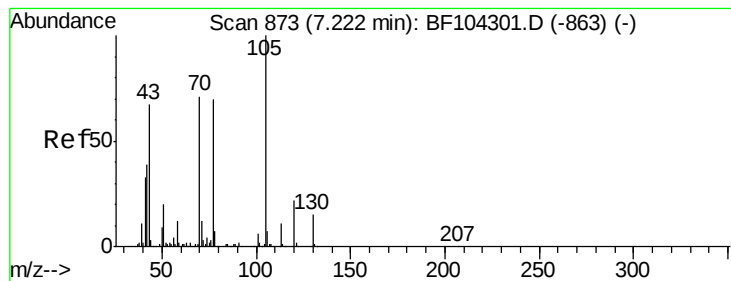


Abundance Ion 117.00 (116.70 to 117.70): E

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: 30.32 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

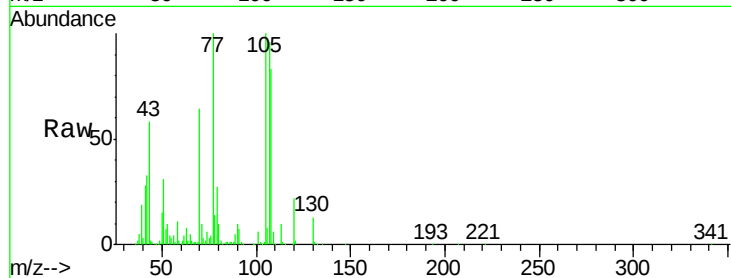
Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 70 Resp: 185177

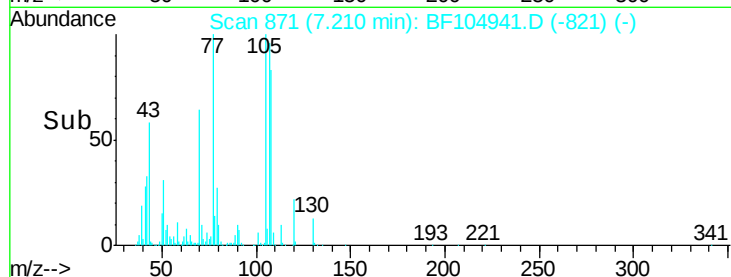
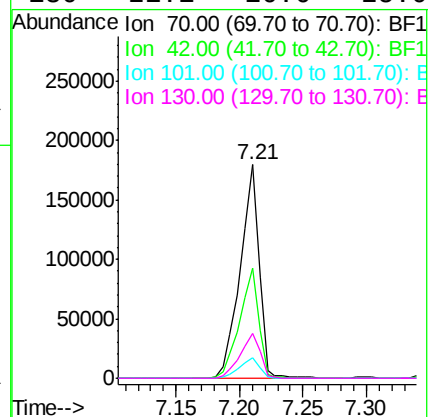
Ion Ratio Lower Upper

70 100

42 51.6 47.5 71.3

101 9.9 7.4 11.2

130 21.1 16.6 25.0



#20

3+4-Methylphenols

Concen: 33.57 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Tgt Ion: 107 Resp: 290546

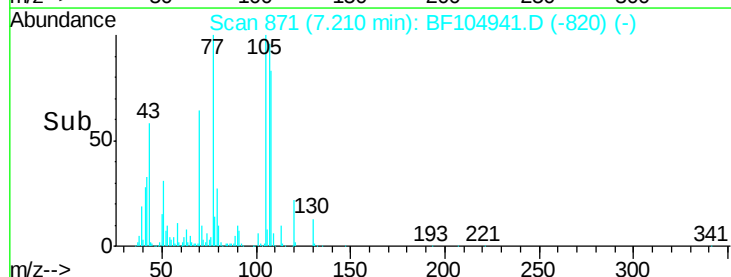
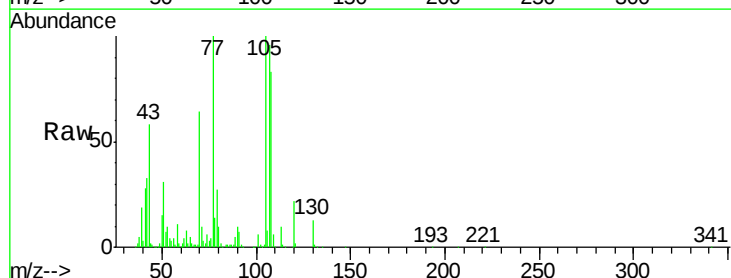
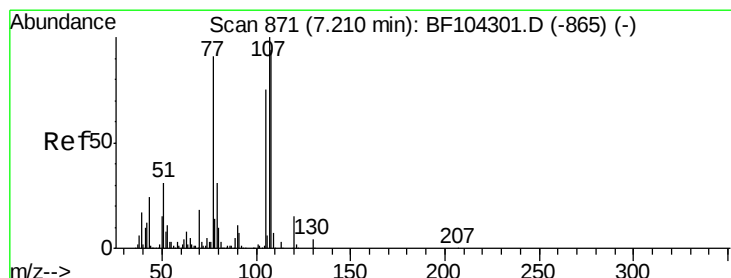
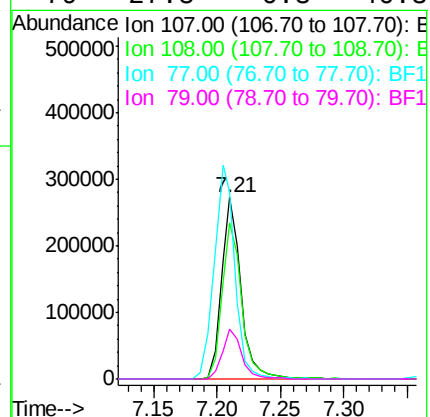
Ion Ratio Lower Upper

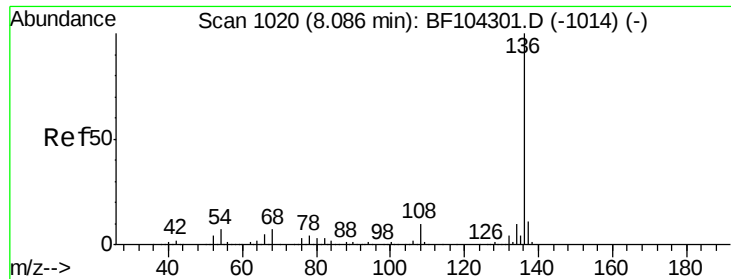
107 100

108 86.5 68.2 108.2

77 103.4 26.7 66.7#

79 27.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 480318

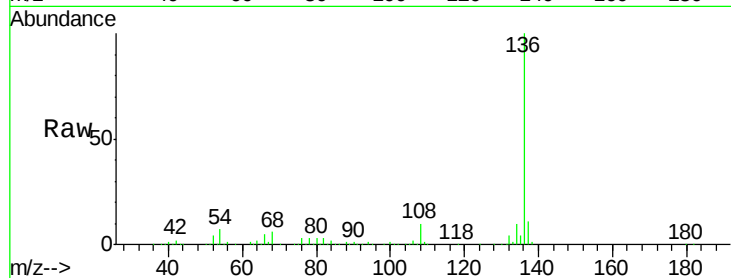
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

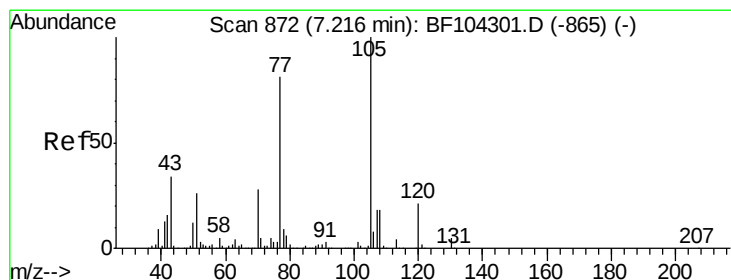
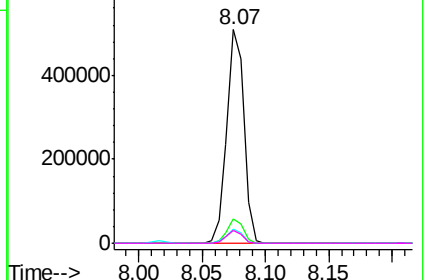
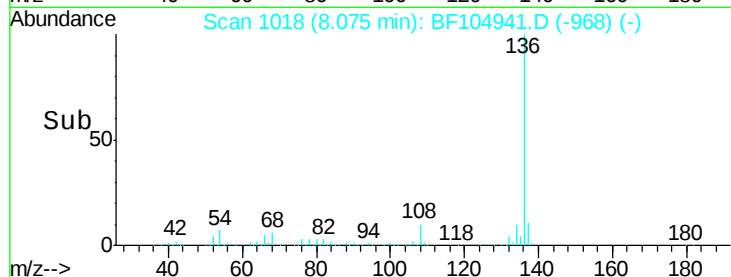


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.87 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Tgt Ion:105 Resp: 388727

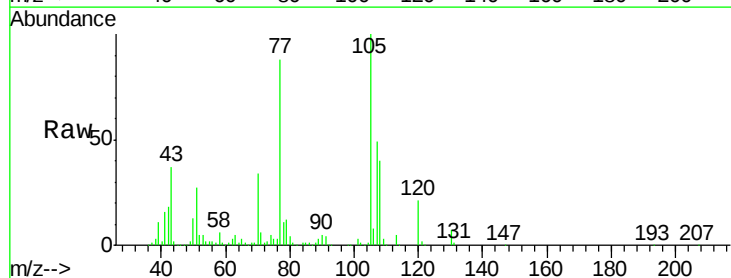
Ion Ratio Lower Upper

105 100

71 5.9 4.4 6.6

51 27.4 22.3 33.5

120 21.0 16.9 25.3

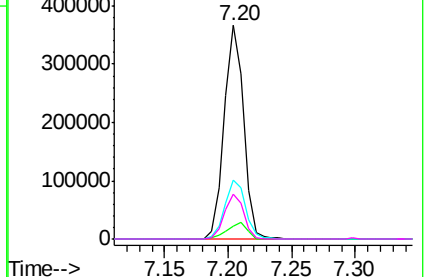
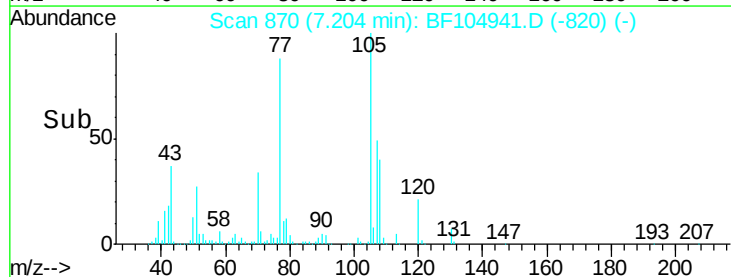


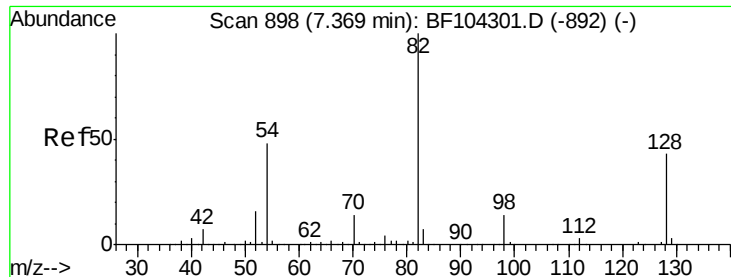
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

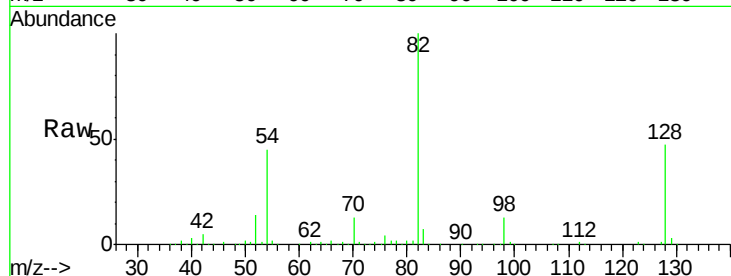




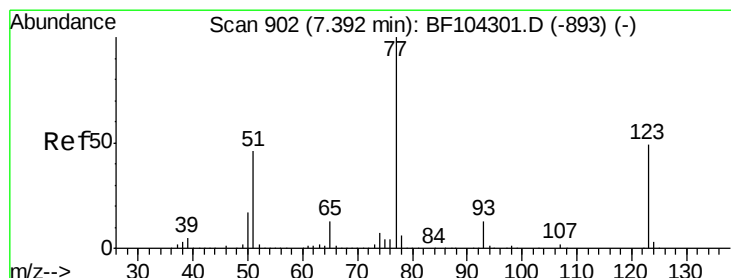
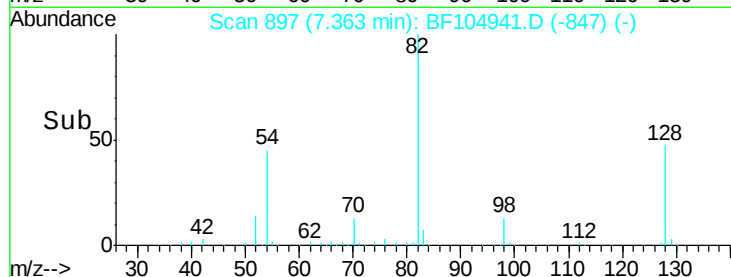
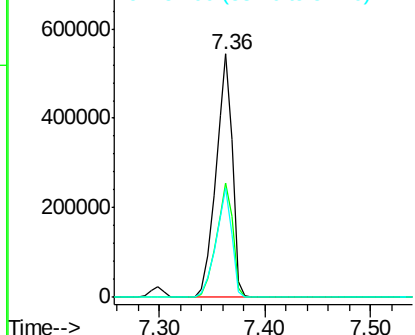
#23
 Nitrobenzene-d5
 Concen: 80.95 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	595472
Ion Ratio	100	Lower	Upper
128	46.9	36.1	54.1
54	45.0	41.4	62.2

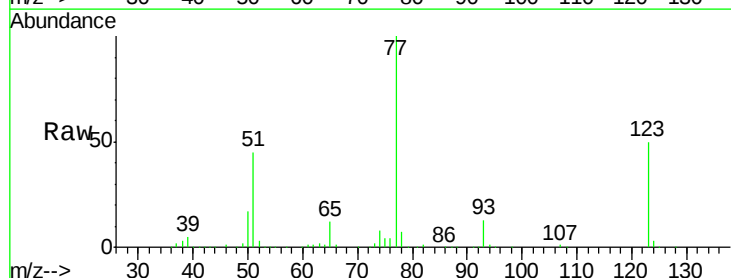


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

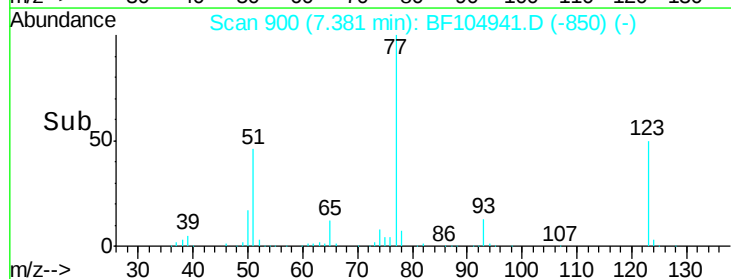
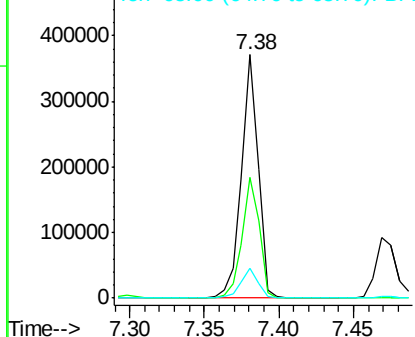


#24
 Nitrobenzene
 Concen: 35.79 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion	77	Resp	290648
Ion Ratio	100	Lower	Upper
123	49.5	37.9	56.9
65	12.3	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 34.18 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

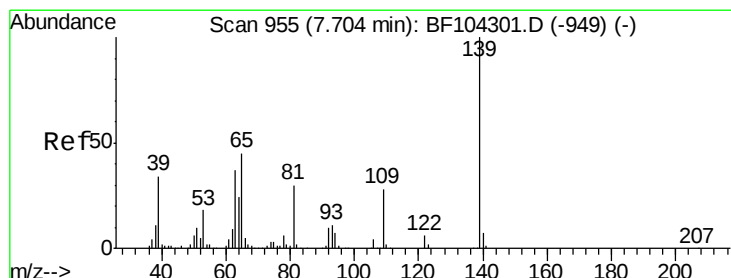
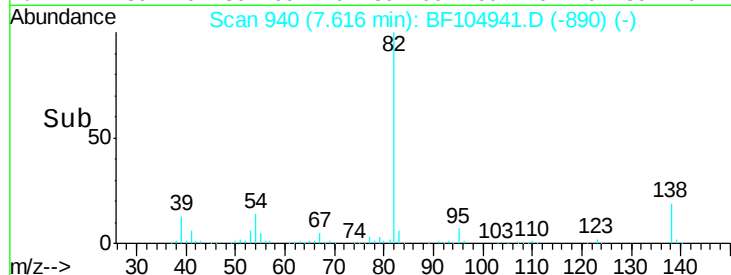
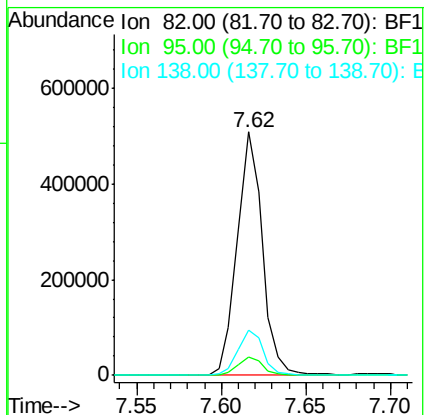
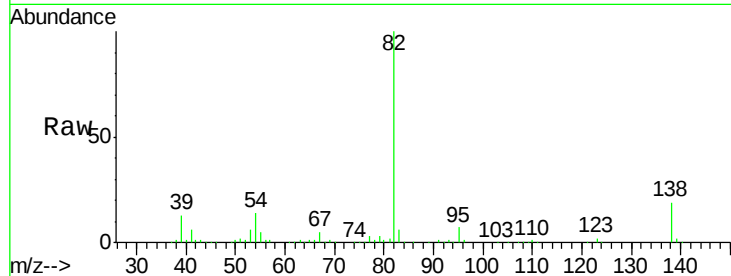
Tot Ion: 82 Resp: 531735

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 45.84 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

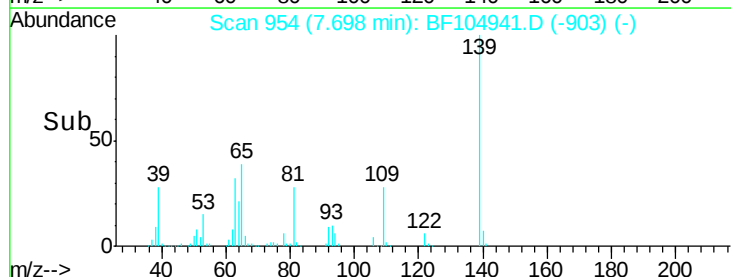
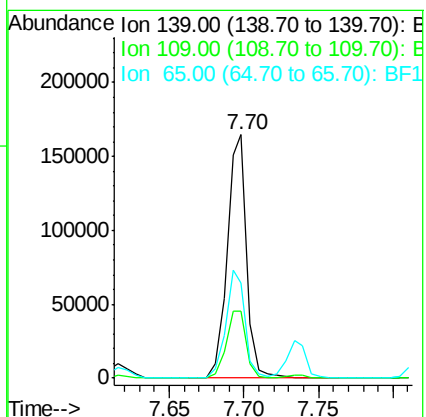
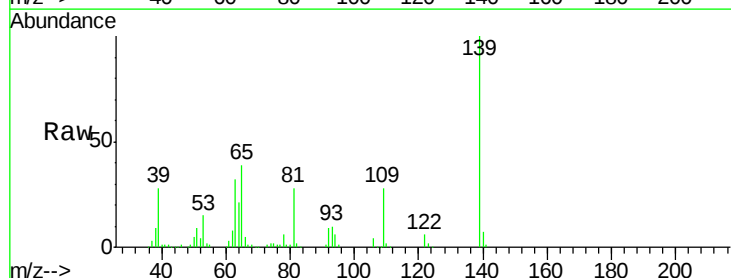
Tgt Ion: 139 Resp: 151550

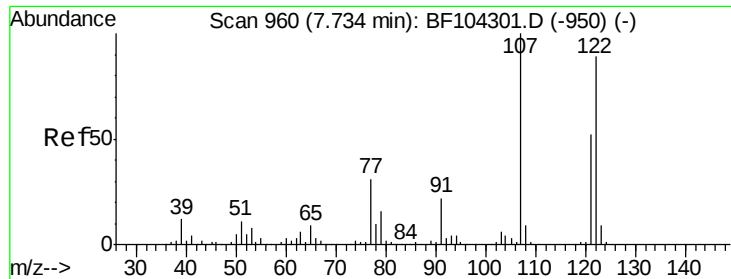
Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

65 39.1 40.5 60.7#

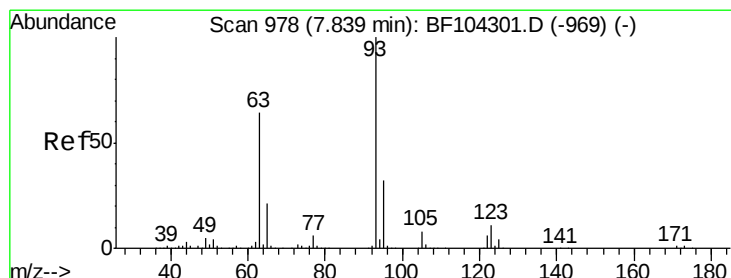
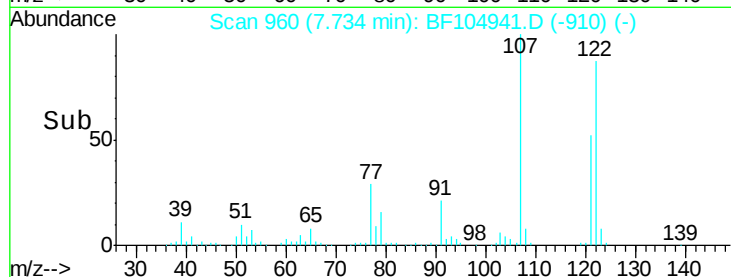
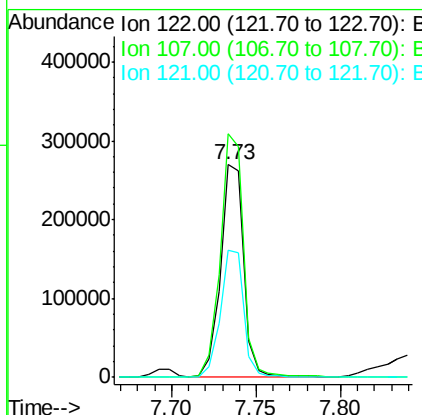
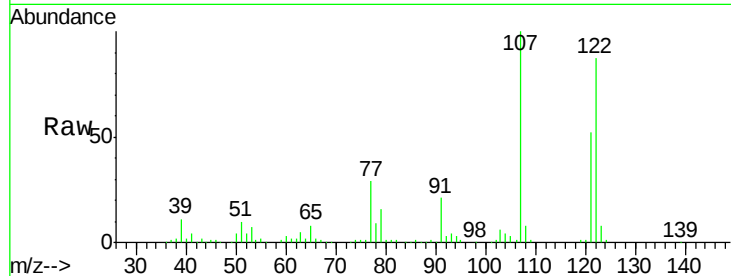




#27
 2,4-Dimethylphenol
 Concen: 37.62 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

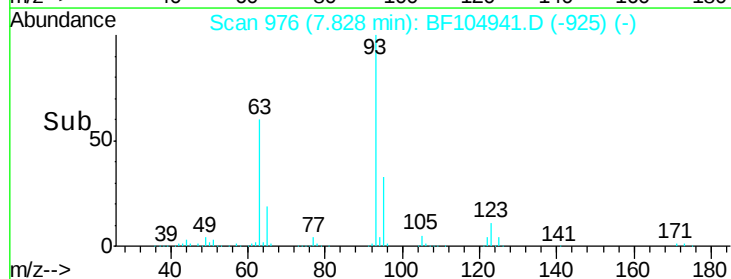
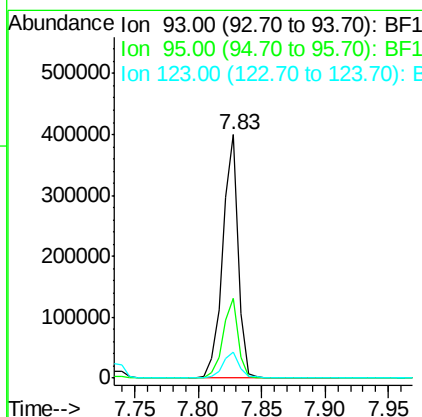
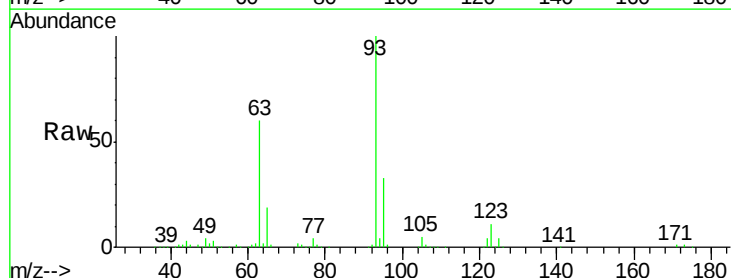
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 258257
 Ion Ratio Lower Upper
 122 100
 107 114.5 91.2 136.8
 121 59.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.86 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion: 93 Resp: 341003
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 10.9 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 37.50 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

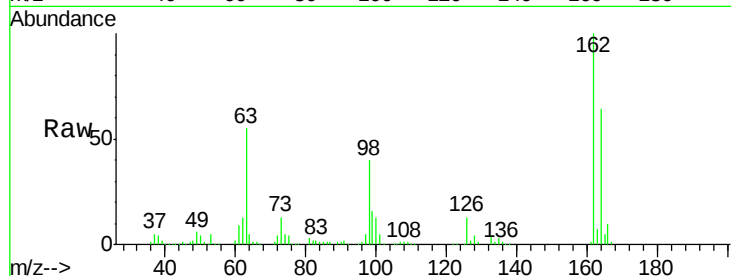
Tot Ion:162 Resp: 245657

Ion Ratio Lower Upper

162 100

164 64.4 42.7 82.7

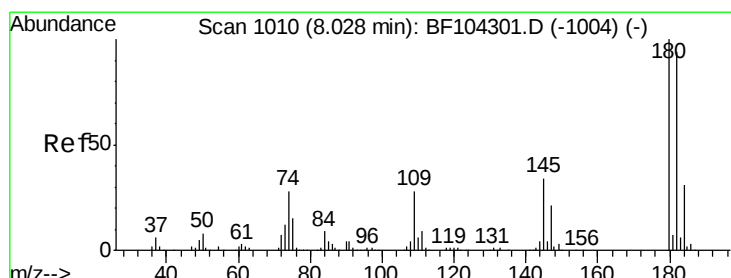
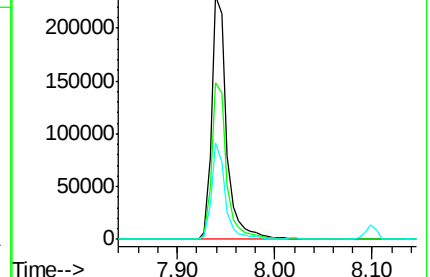
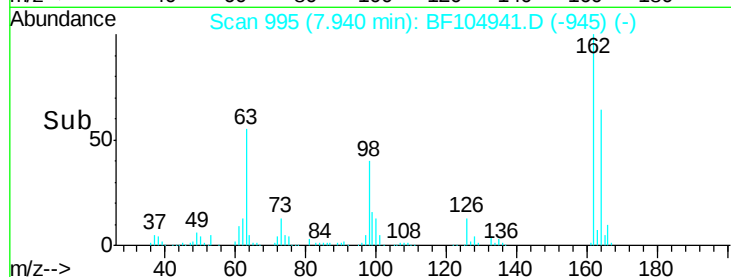
98 39.8 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 34.76 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

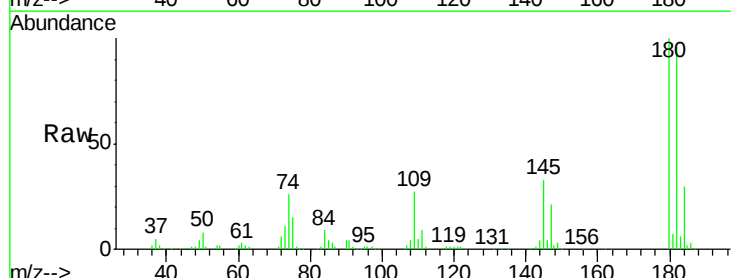
Tgt Ion:180 Resp: 249862

Ion Ratio Lower Upper

180 100

182 95.7 76.8 115.2

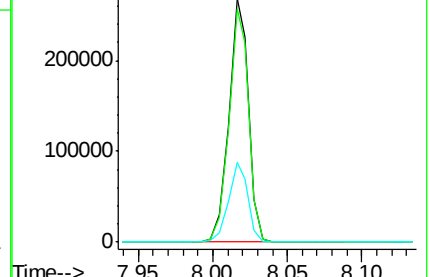
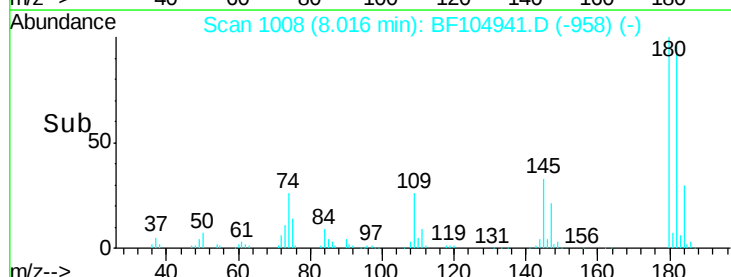
145 32.7 26.5 39.7

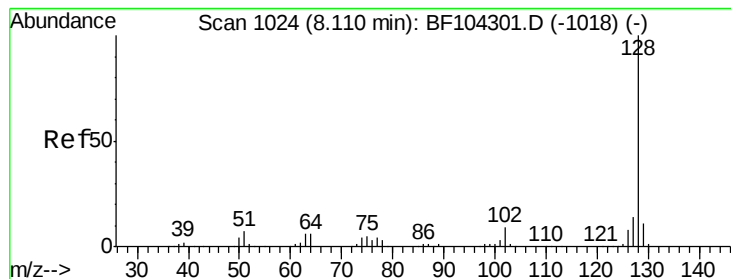


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.40 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

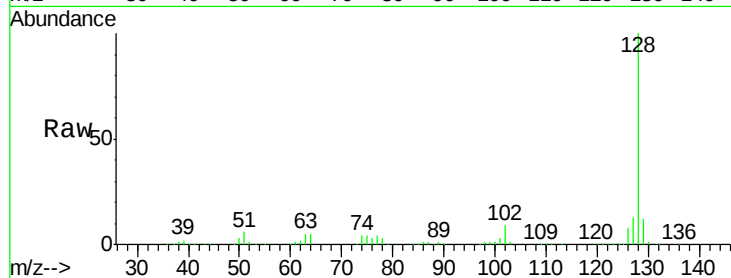
Tot Ion:128 Resp: 822763

Ion Ratio Lower Upper

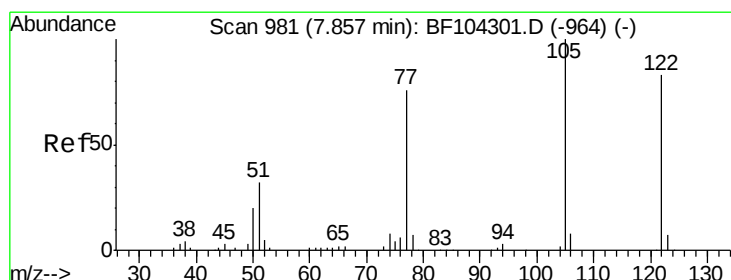
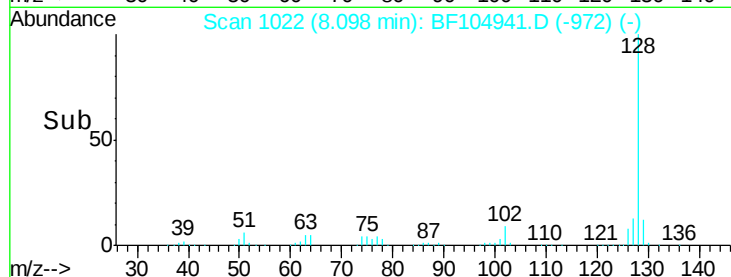
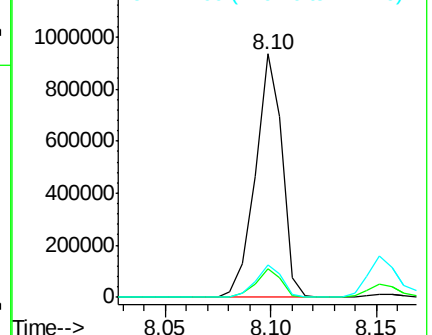
128 100

129 11.5 8.8 13.2

127 13.4 10.9 16.3



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



#32

Benzoic acid

Concen: 7.86 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.06 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

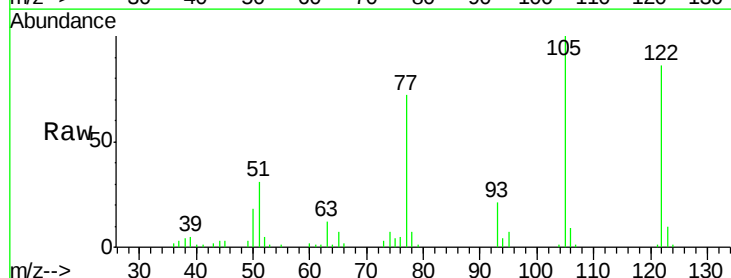
Tgt Ion:122 Resp: 43049

Ion Ratio Lower Upper

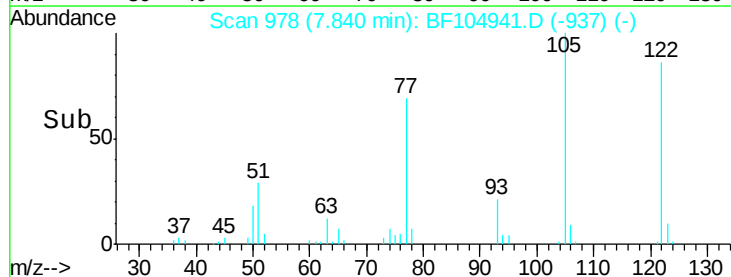
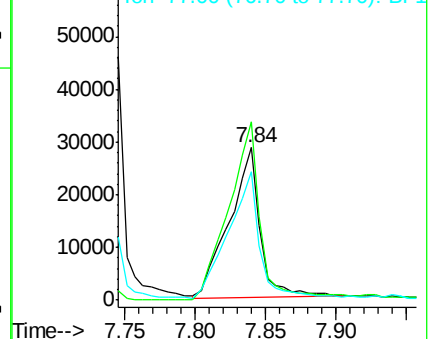
122 100

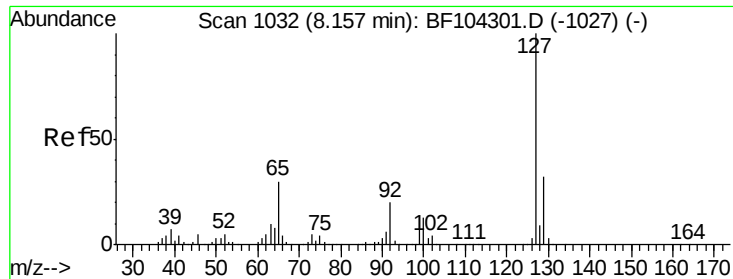
105 116.9 101.1 141.1

77 84.2 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

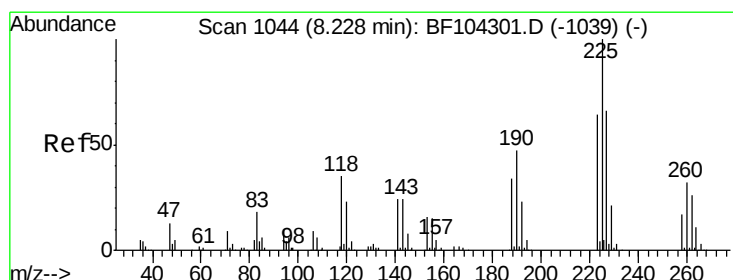
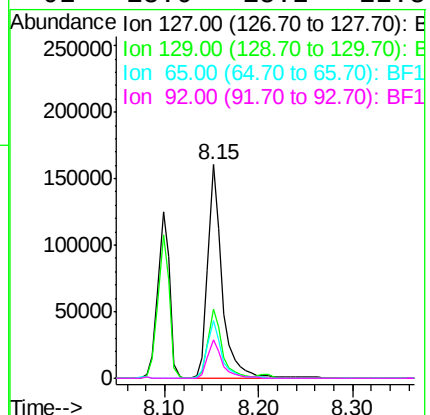
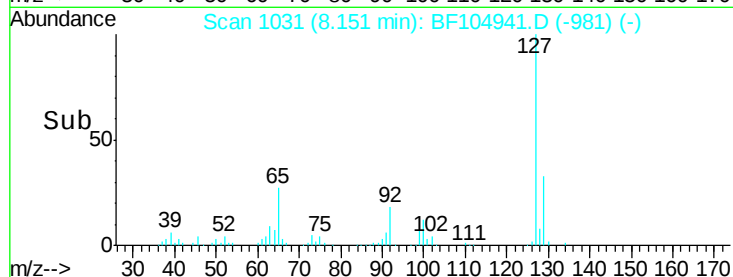
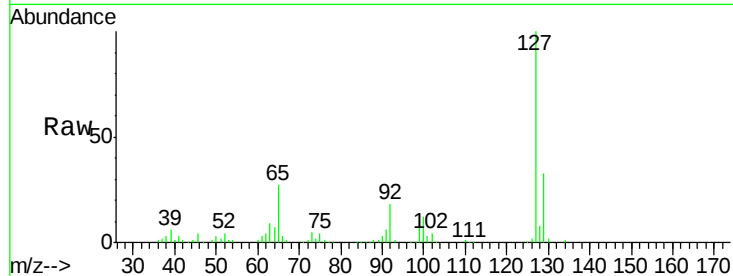




#33
4-Chloroaniline
Concen: 16.87 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

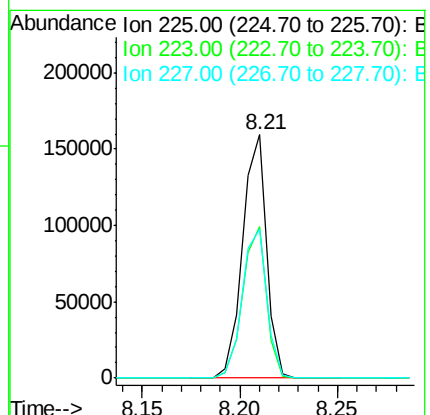
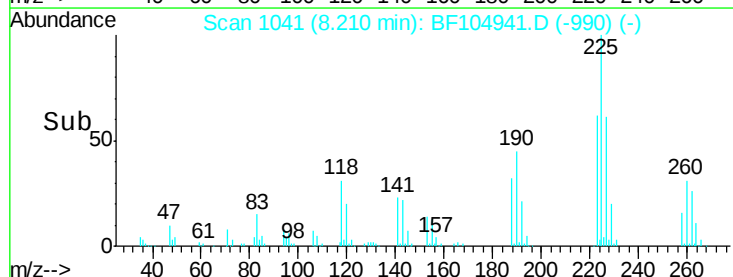
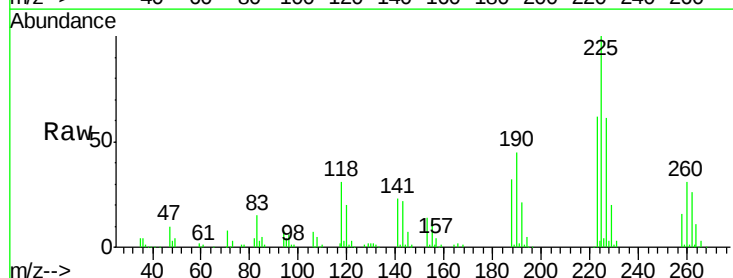
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	172850
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	26.7	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 34.47 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion:	225	Resp:	135739
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	61.2	51.9	77.9





#35

Caprolactam

Concen: 32.76 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

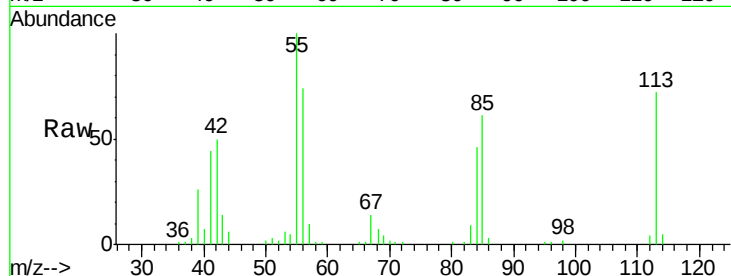
Tot Ion:113 Resp: 74861

Ion Ratio Lower Upper

113 100

55 139.1 163.3 203.3#

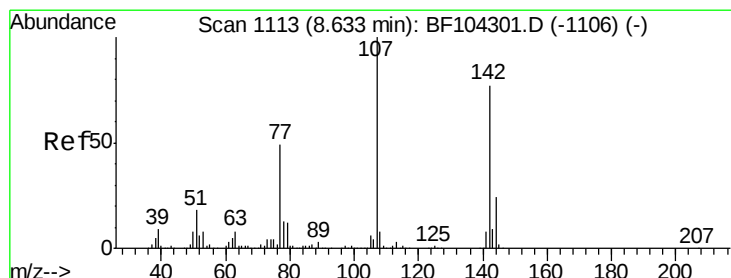
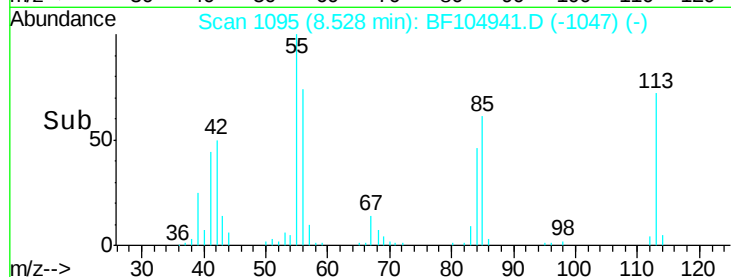
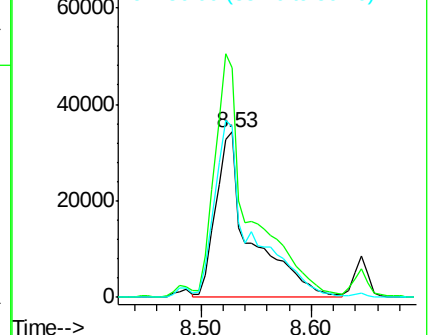
56 103.1 115.7 155.7#



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: 36.53 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

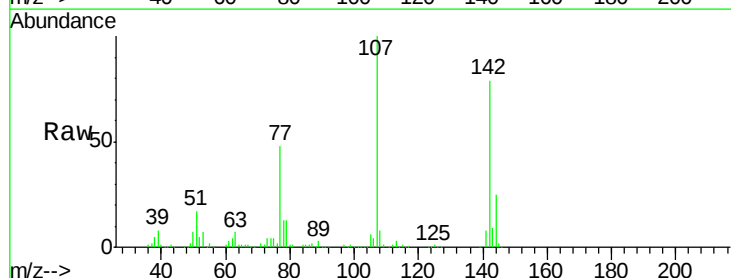
Tgt Ion:107 Resp: 256531

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

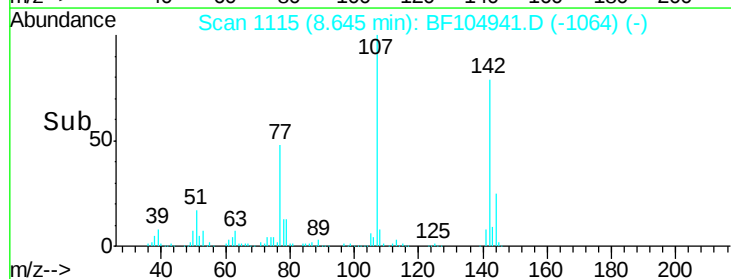
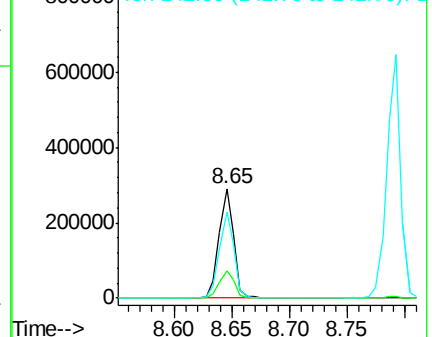
142 79.3 62.0 93.0

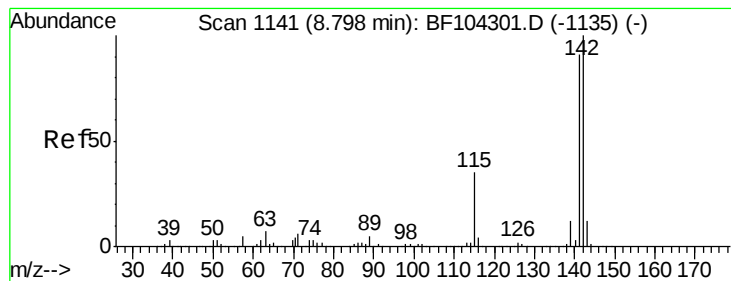


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

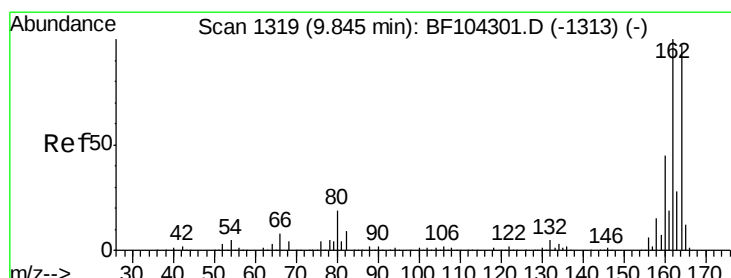
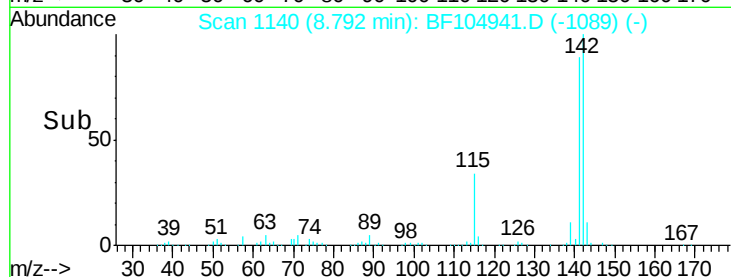
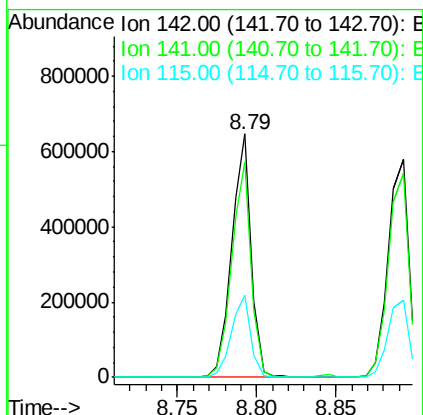
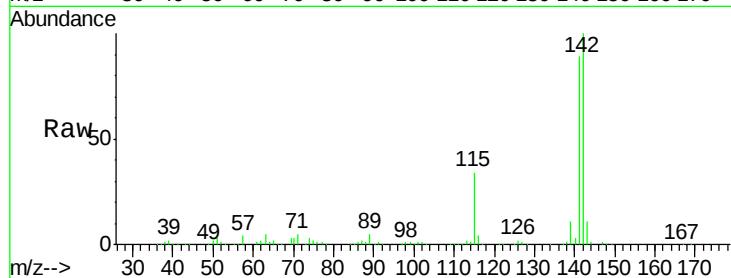




#37
 2-Methylnaphthalene
 Concen: 35.36 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

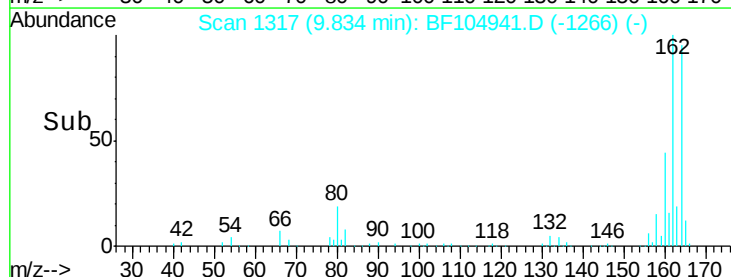
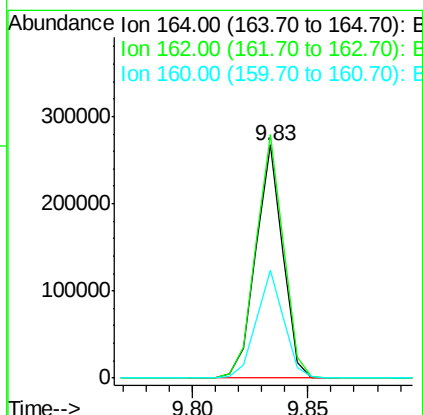
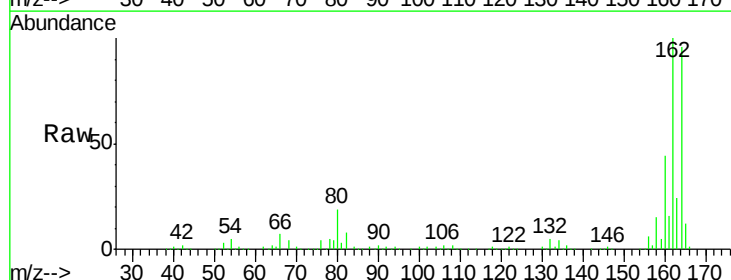
Instrument :
 BNA_F
 ClientSampleId :

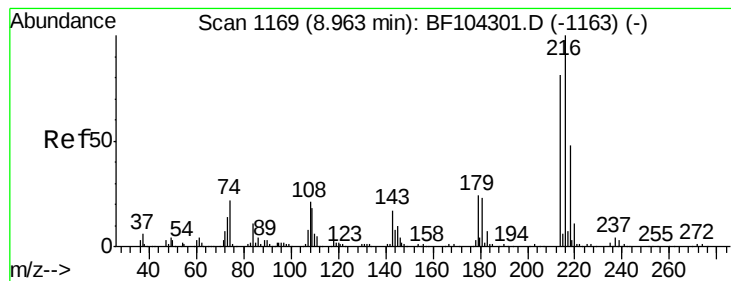
Tot Ion:142 Resp: 547115
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.8 106.2
 115 33.9 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion:164 Resp: 218072
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 46.2 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.20 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 238460

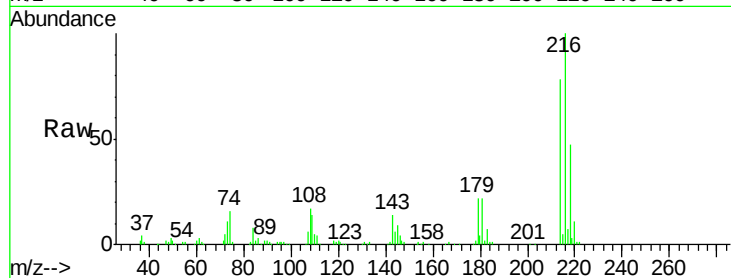
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 22.4 18.1 27.1

108 18.8 17.2 25.8

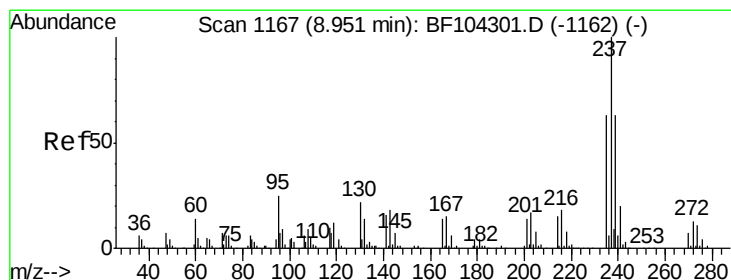
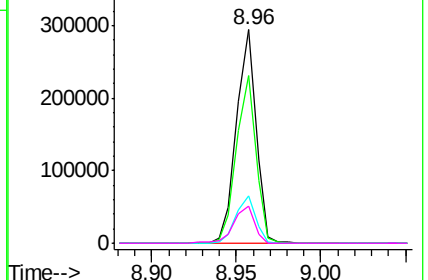
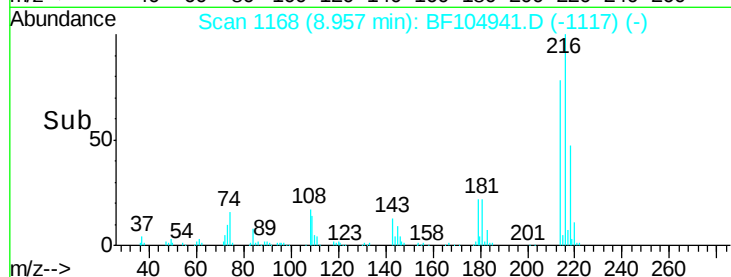


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 16.41 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

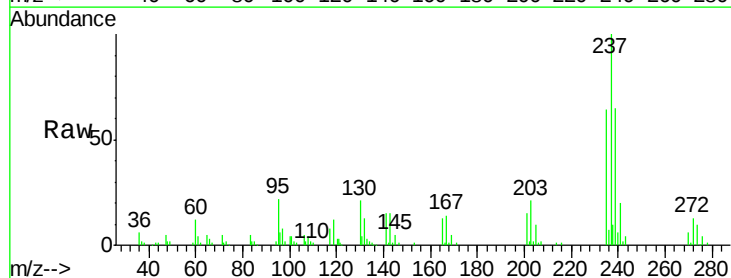
Tgt Ion:237 Resp: 57332

Ion Ratio Lower Upper

237 100

235 63.7 44.8 84.8

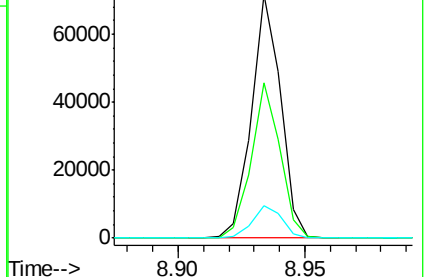
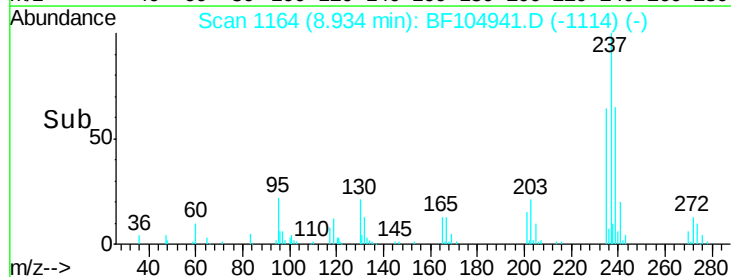
272 13.1 0.0 33.3



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

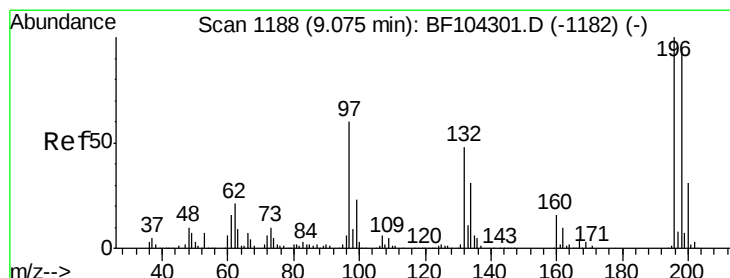
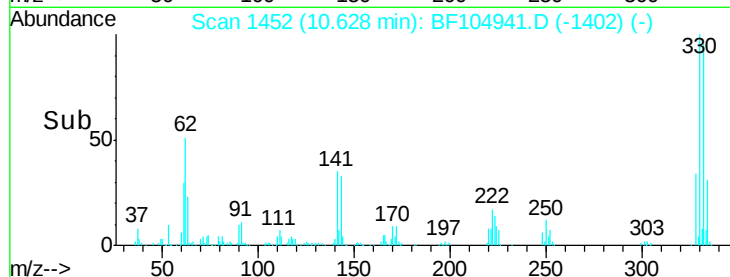
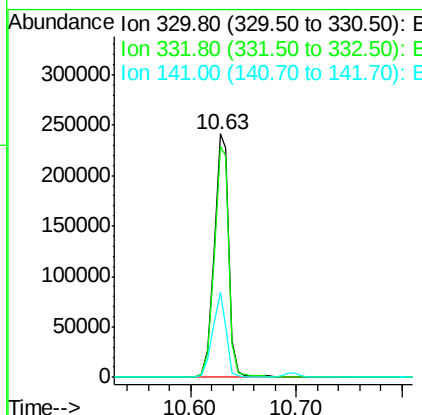
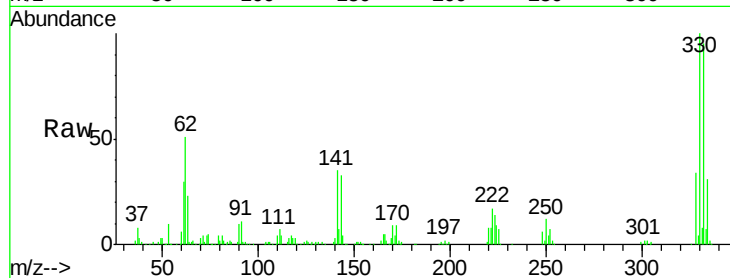




#41
 2,4,6-Tribromophenol
 Concen: 105.75 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

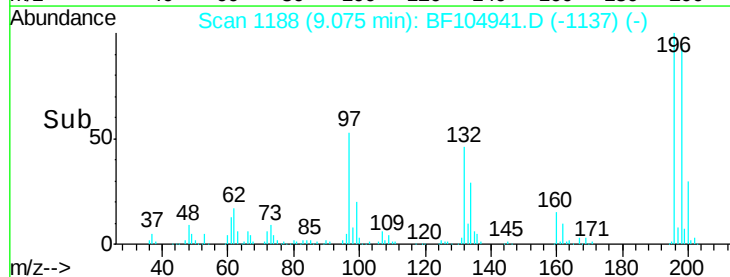
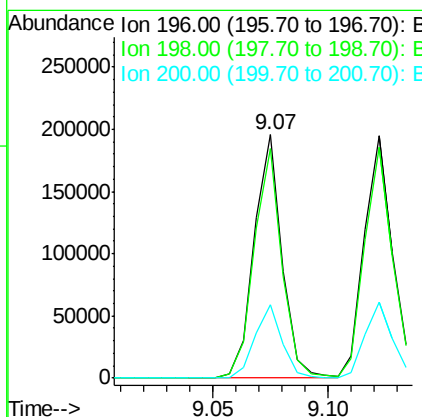
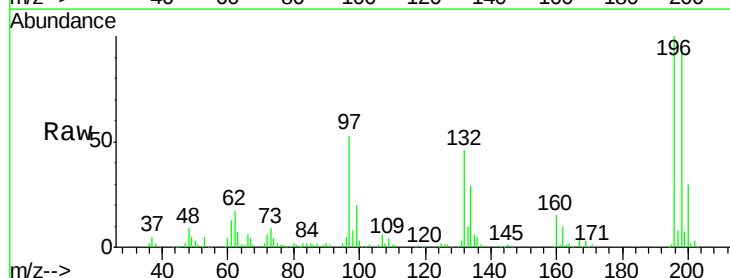
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 239208
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 32.1 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 37.94 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion:196 Resp: 164398
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 29.9 24.5 36.7

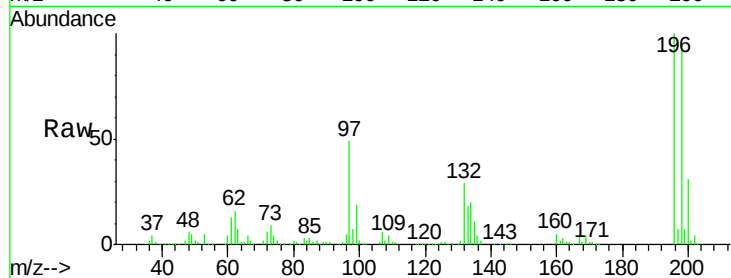




#43
 2,4,5-Trichlorophenol
 Concen: 35.44 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	95.2	74.6	112.0	
97	49.2	42.9	64.3	
132	28.8	26.3	39.5	



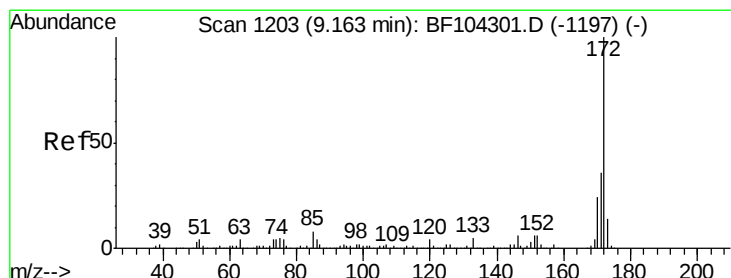
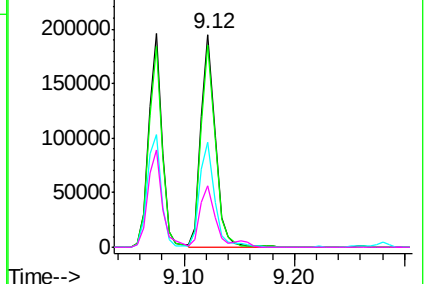
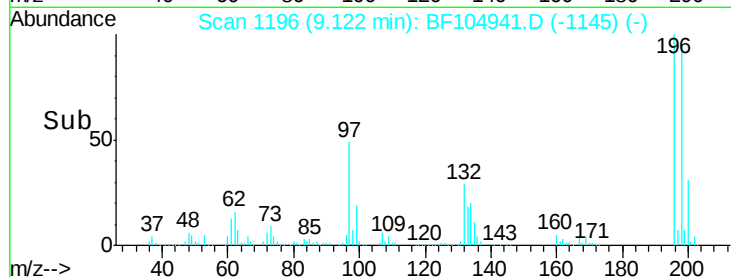
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

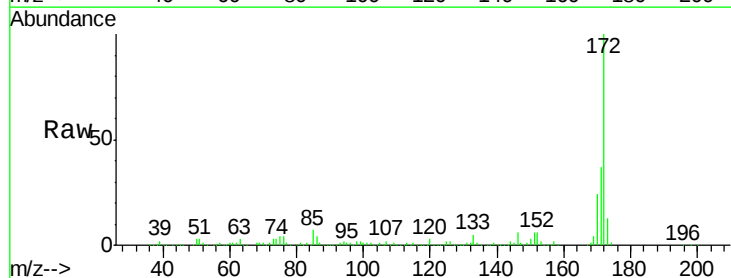
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.88 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.6	29.7	44.5	
170	23.8	19.6	29.4	

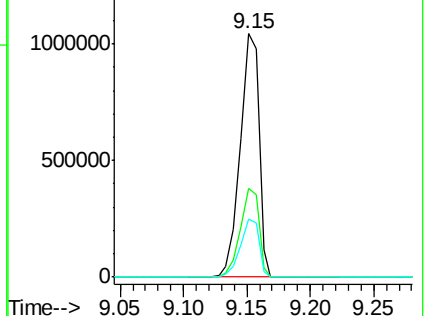
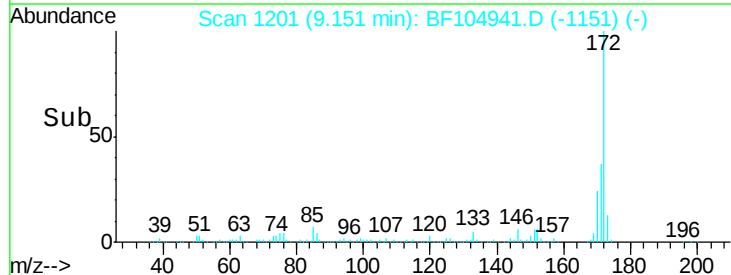


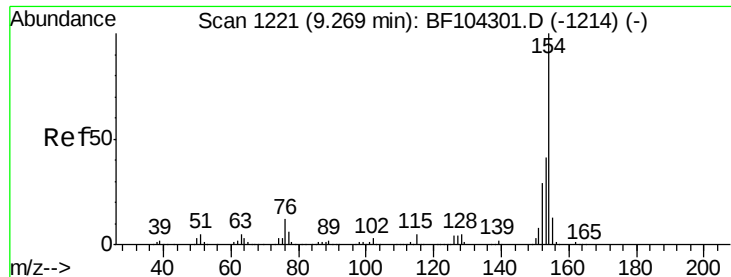
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.28 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampled :

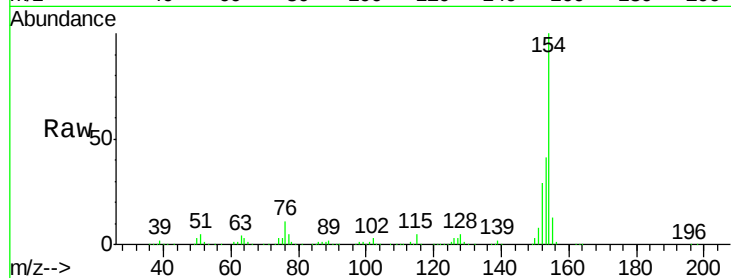
Tot Ion:154 Resp: 646367

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

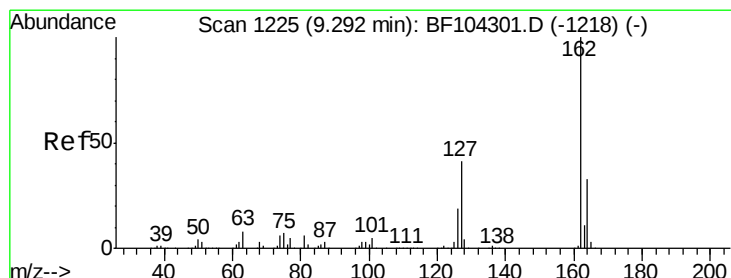
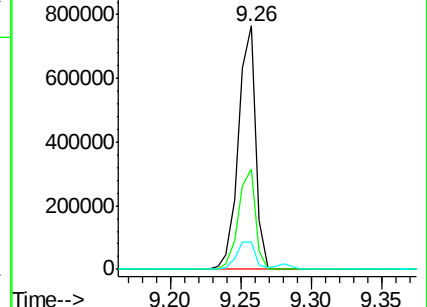
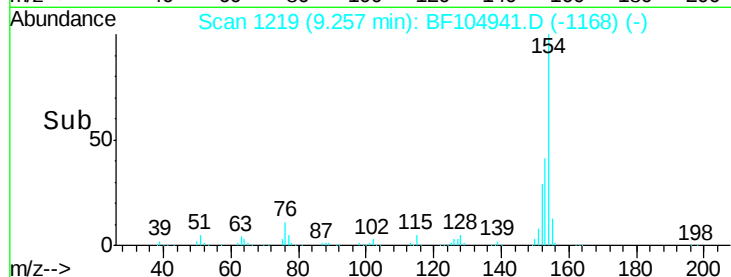
76 11.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 35.33 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

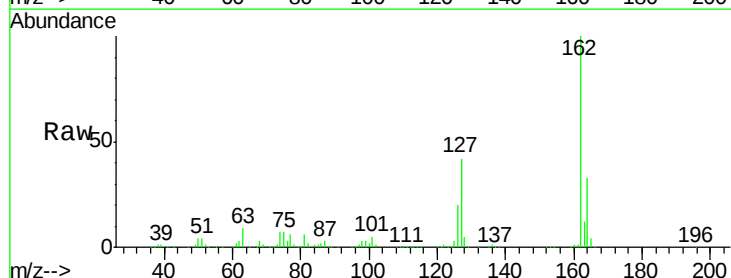
Tgt Ion:162 Resp: 511205

Ion Ratio Lower Upper

162 100

127 42.5 33.9 50.9

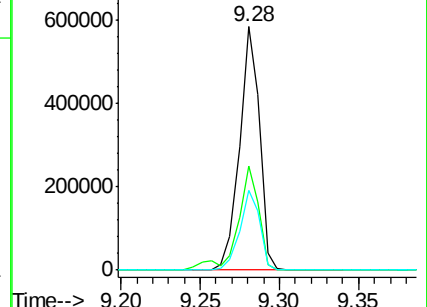
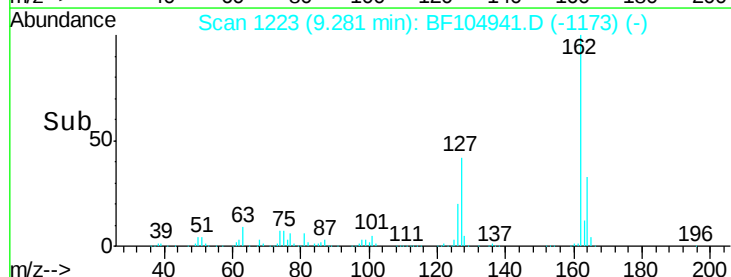
164 32.6 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

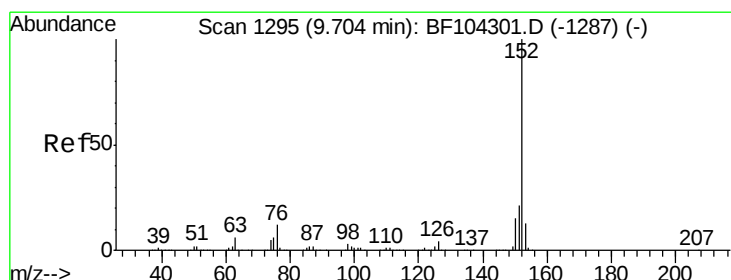
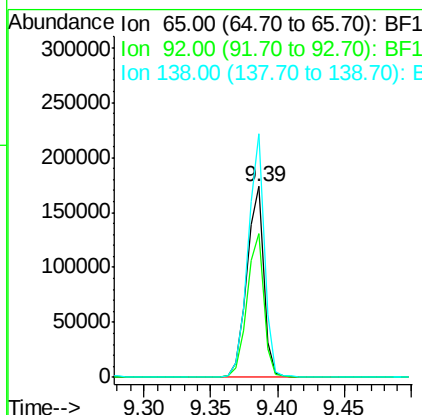
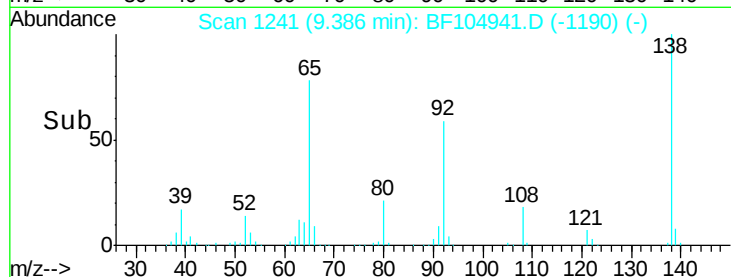
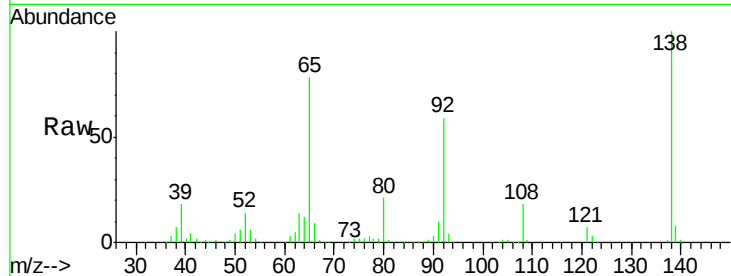




#47
 2-Nitroaniline
 Concen: 42.39 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

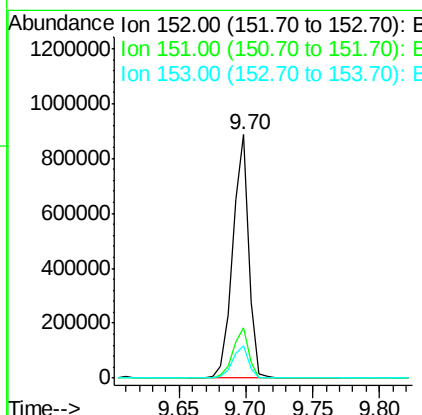
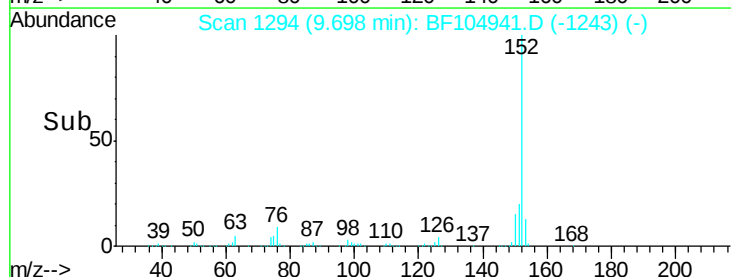
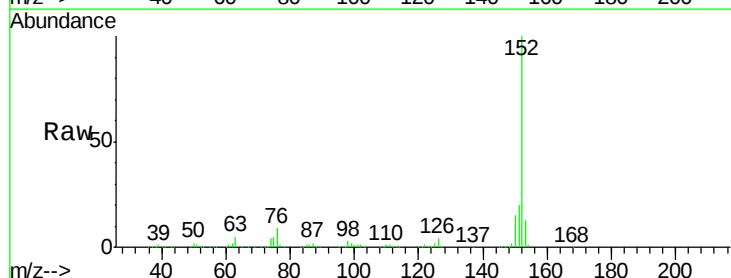
Instrument :
 BNA_F
 ClientSampleId :

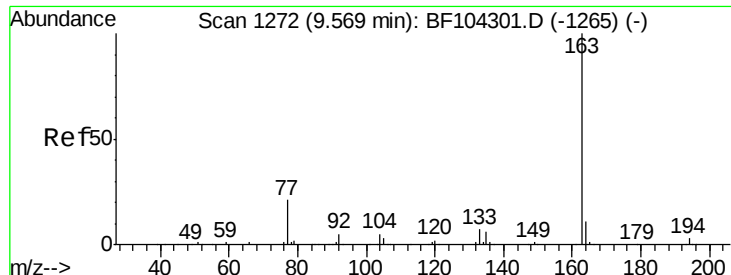
Tot Ion	Ratio	Lower	Upper
65	100		
92	75.4	55.8	83.6
138	127.8	91.2	136.8



#48
 Acenaphthylene
 Concen: 32.93 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.2	10.7	16.1

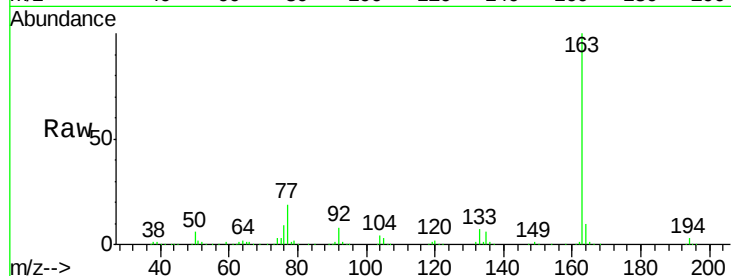




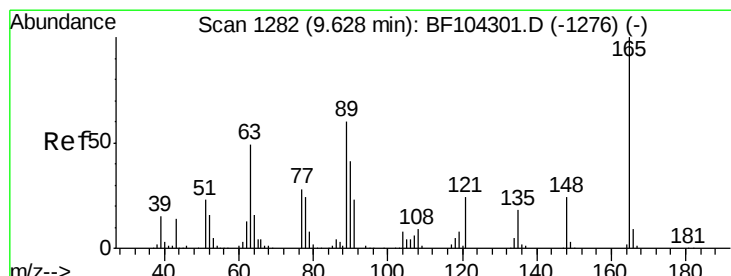
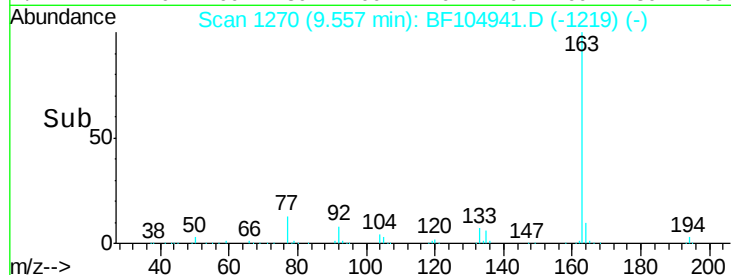
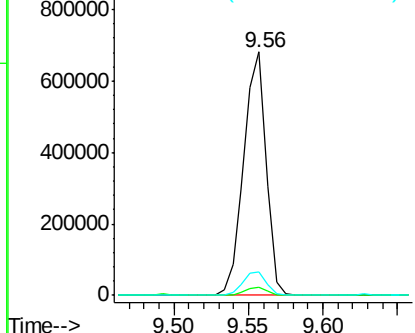
#49
Dimethylphthalate
Concen: 41.25 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 709370
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.7 8.2 12.2

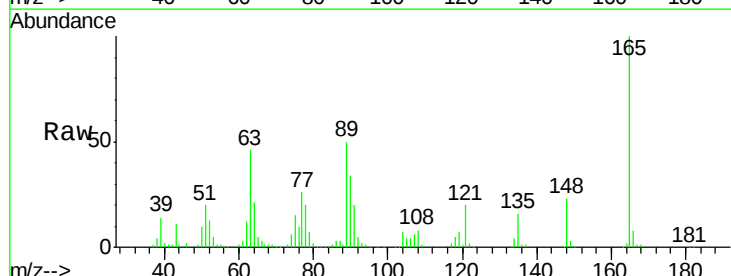


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

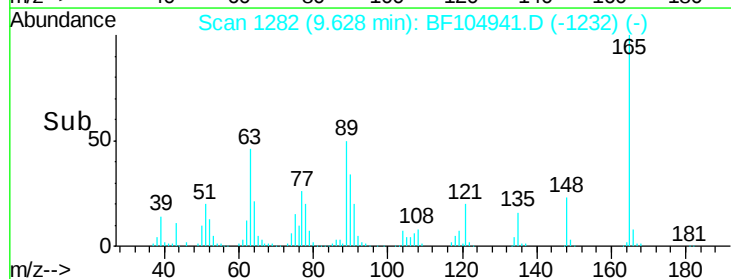
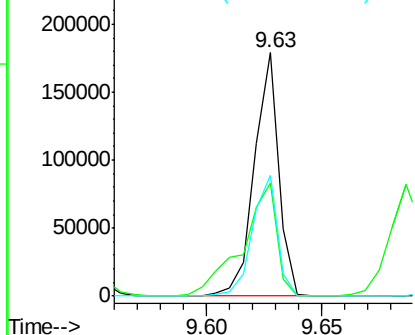


#50
2,6-Dinitrotoluene
Concen: 41.65 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion:165 Resp: 132532
Ion Ratio Lower Upper
165 100
63 46.3 44.7 67.1
89 49.7 44.0 66.0



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





#51

Acenaphthene

Concen: 31.89 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

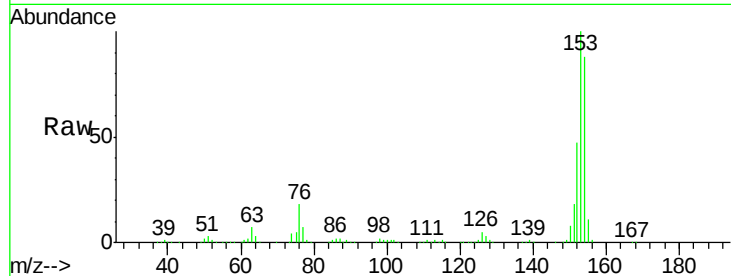
Tot Ion:154 Resp: 441702

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

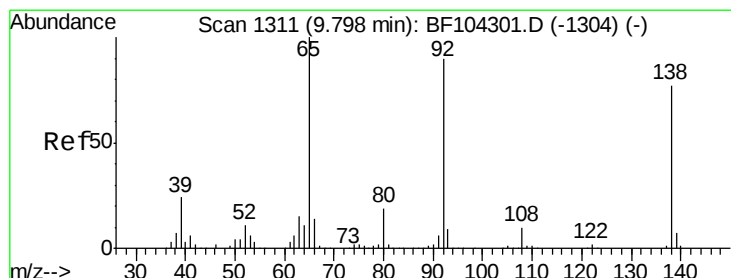
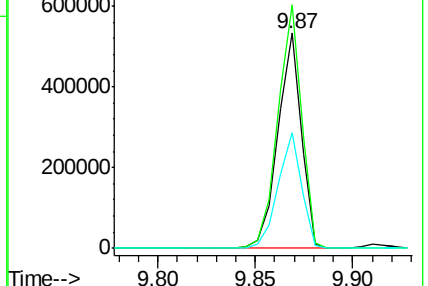
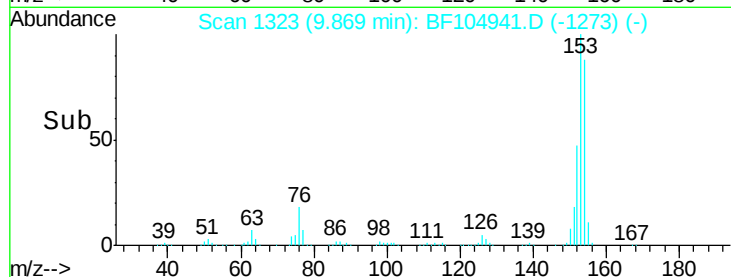
152 53.5 43.8 65.8



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: 30.56 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

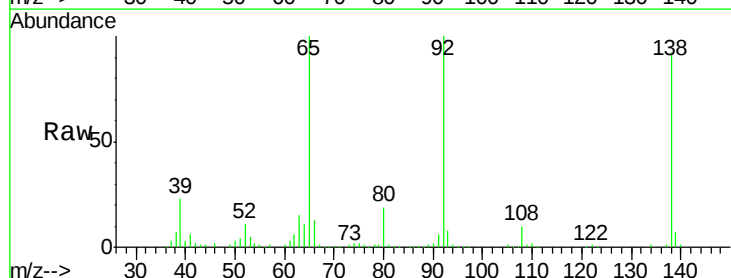
Tgt Ion:138 Resp: 113826

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

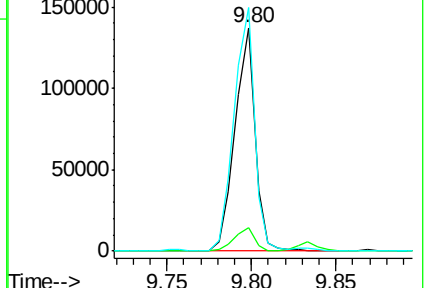
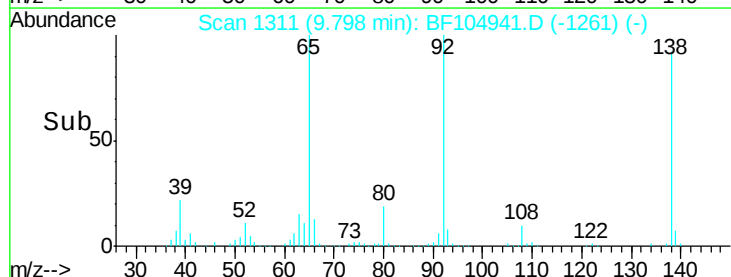
92 109.0 89.4 134.2



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

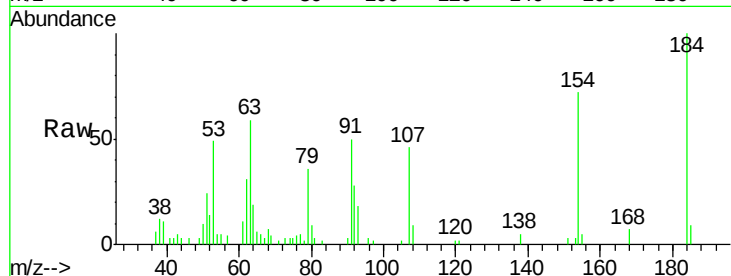




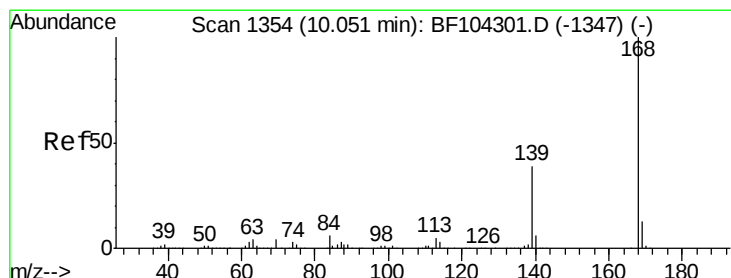
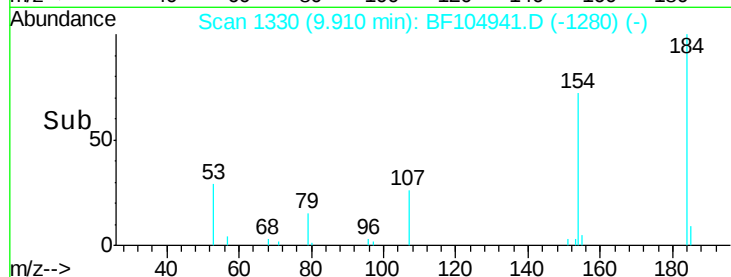
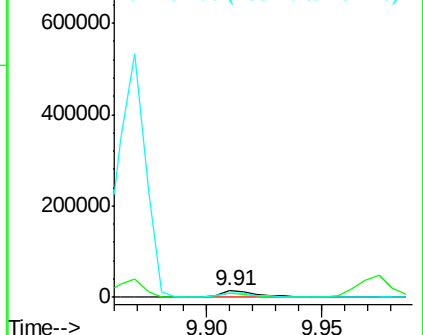
#53
 2,4-Dinitrophenol
 Concen: 22.59 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 17259
 Ion Ratio Lower Upper
 184 100
 63 58.7 54.2 81.2
 154 72.0 184.0 276.0#

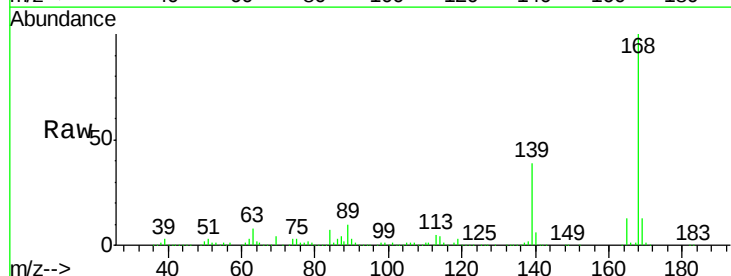


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

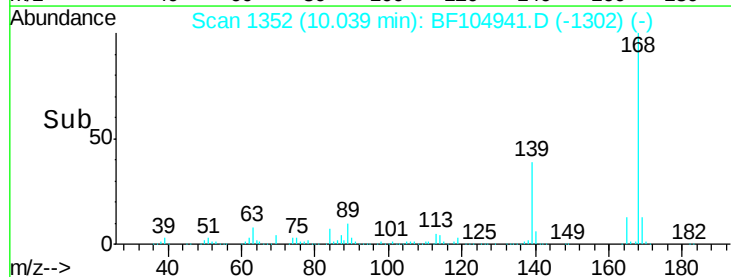
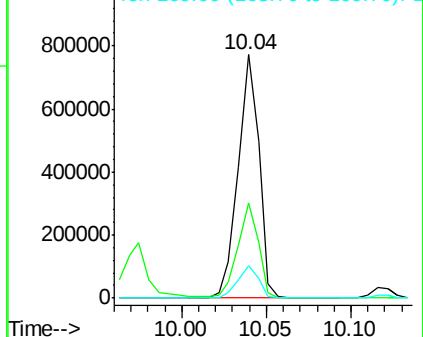


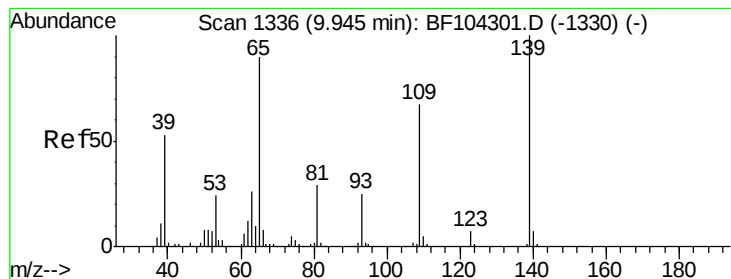
#54
 Dibenzofuran
 Concen: 34.24 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion:168 Resp: 660895
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.2 10.9 16.3



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





#55

4-Nitrophenol

Concen: 58.10 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampled :

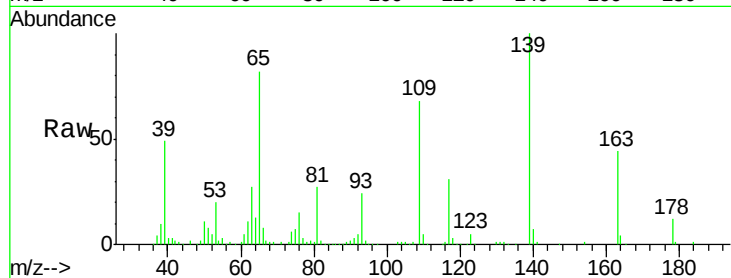
Tot Ion:139 Resp: 170031

Ion Ratio Lower Upper

139 100

109 67.9 48.4 88.4

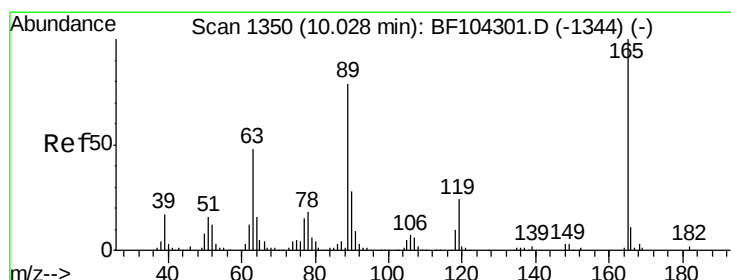
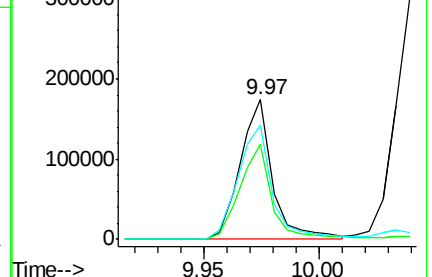
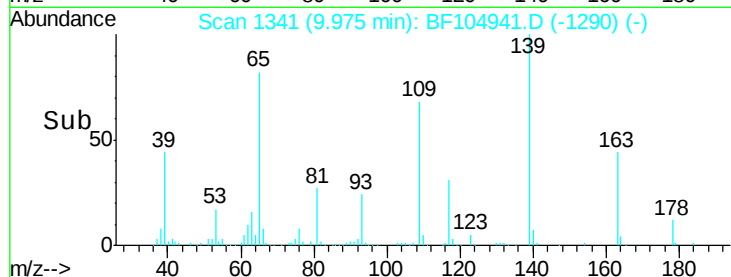
65 82.3 72.6 112.6



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: 38.33 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Tgt Ion:165 Resp: 159999

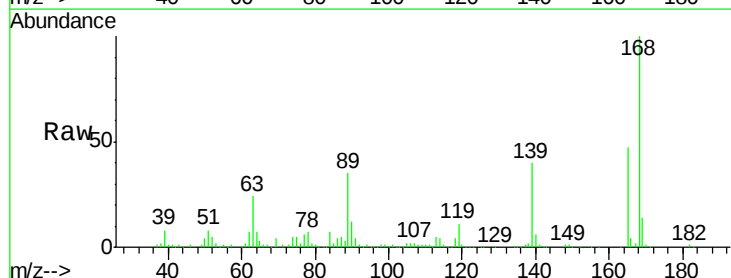
Ion Ratio Lower Upper

165 100

63 50.0 36.4 54.6

89 73.9 57.8 86.6

182 2.2 1.6 2.4

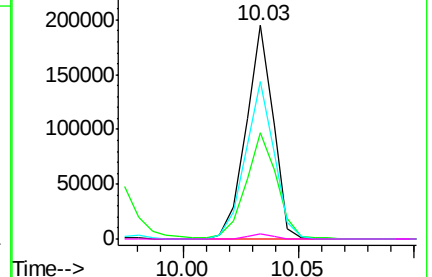
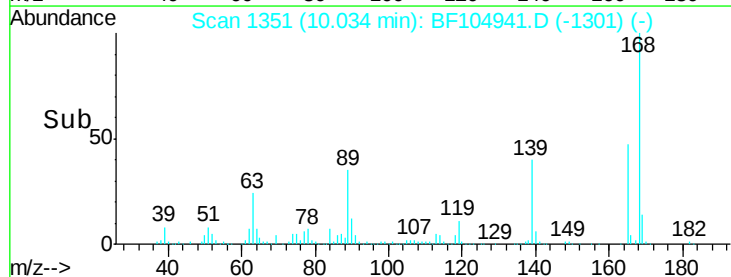


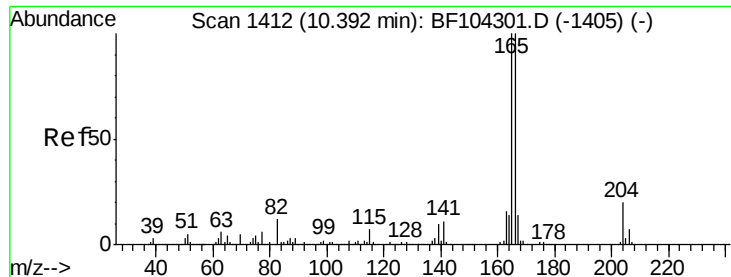
Abundance Ion 165.00 (164.70 to 165.70): E

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

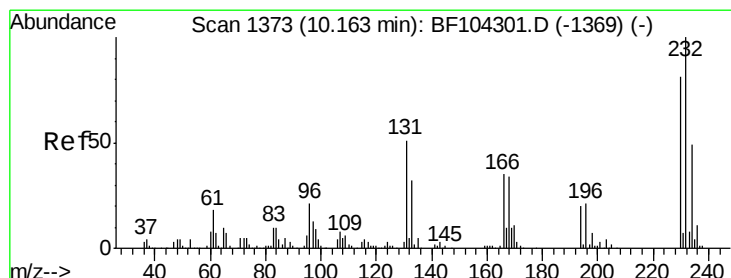
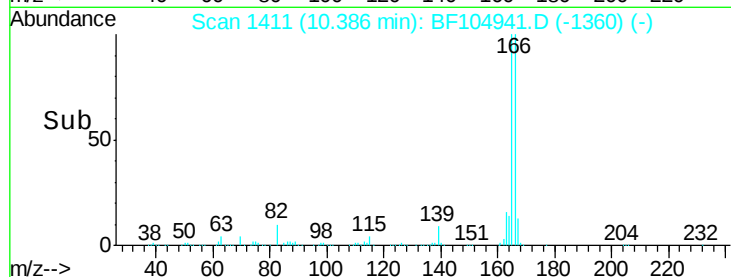
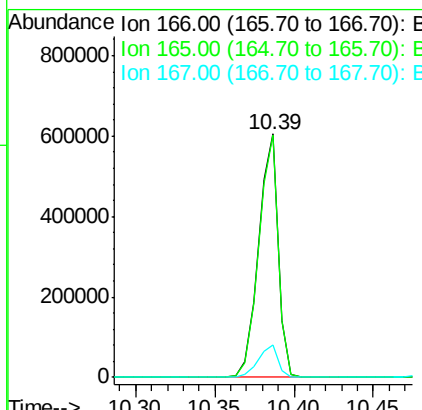
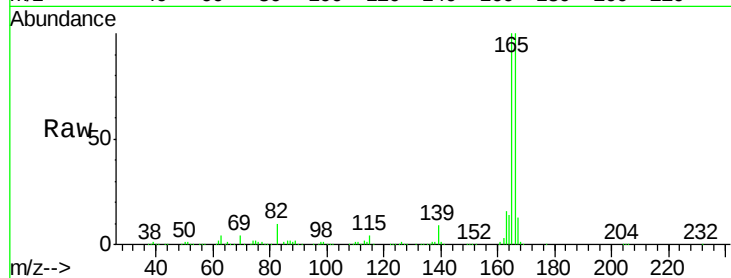




#57
 Fluorene
 Concen: 37.17 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

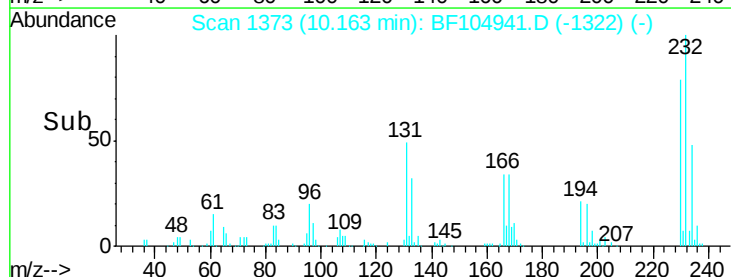
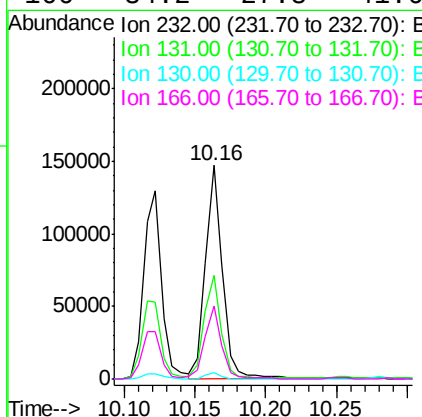
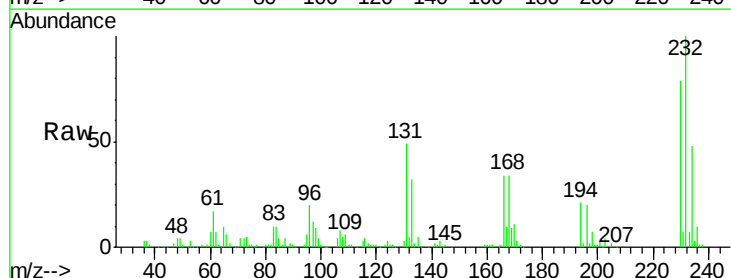
Instrument :
 BNA_F
 ClientSampleId :

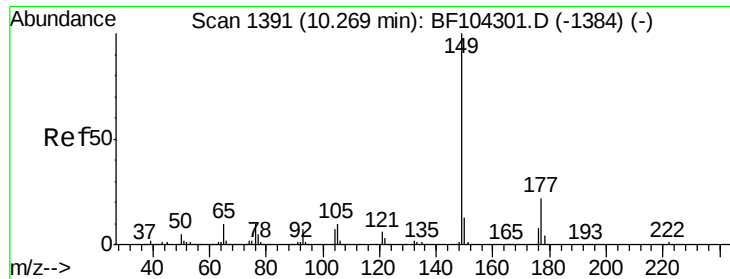
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	13.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.08 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.9	43.8	65.8
130	2.6	2.1	3.1
166	34.2	27.8	41.6





#59

Diethylphthalate

Concen: 34.31 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

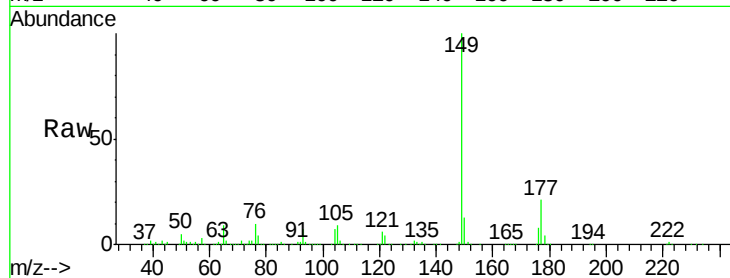
Tot Ion:149 Resp: 587672

Ion Ratio Lower Upper

149 100

177 21.0 16.1 24.1

150 12.8 10.1 15.1

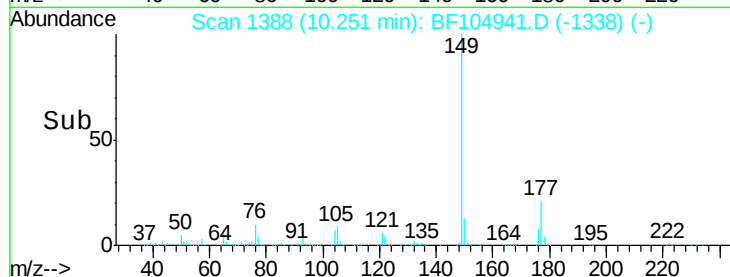


Abundance Ion 149.00 (148.70 to 149.70): E

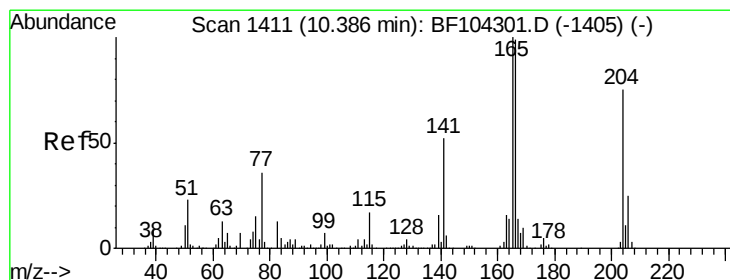
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

10.25



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 39.64 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

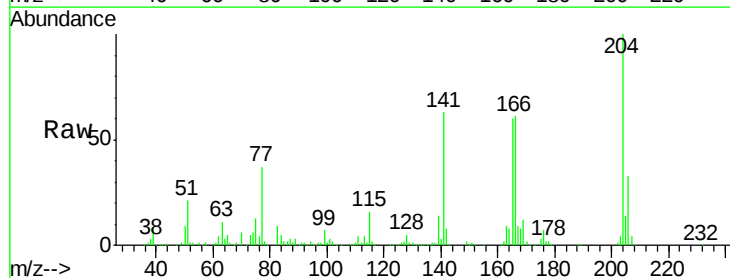
Tgt Ion:204 Resp: 248080

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

141 62.8 54.6 81.8

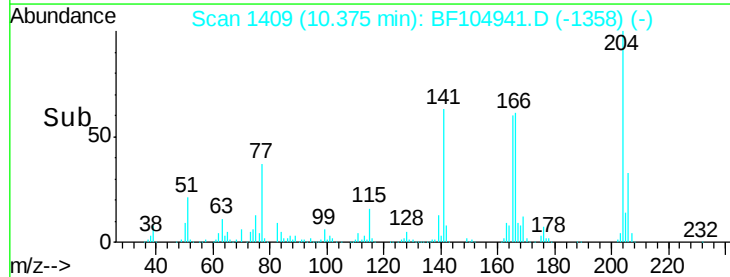


Abundance Ion 204.00 (203.70 to 204.70): E

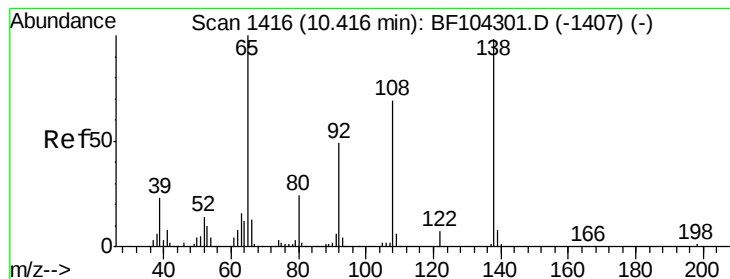
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.37



Time-->



#61

4-Nitroaniline

Concen: 36.21 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

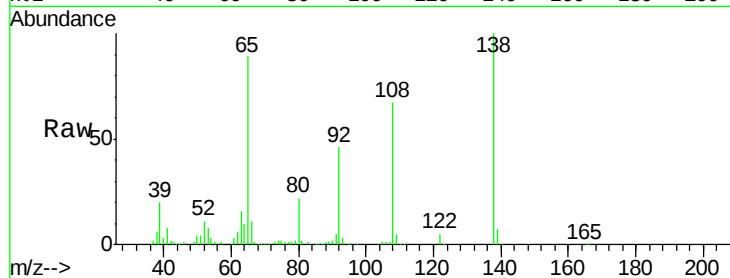
Tot Ion:138 Resp: 131894

Ion Ratio Lower Upper

138 100

92 46.5 30.2 70.2

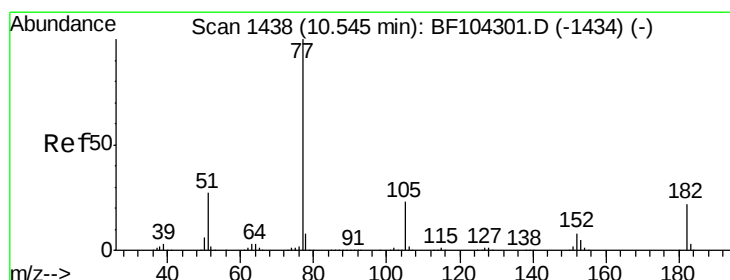
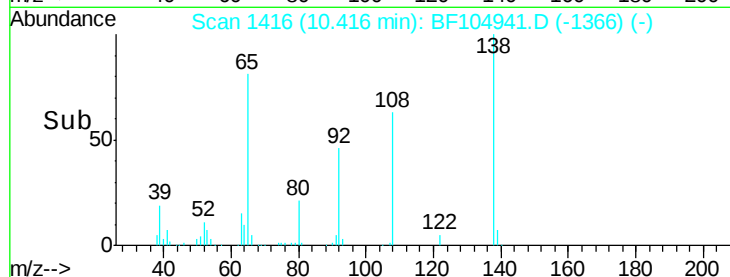
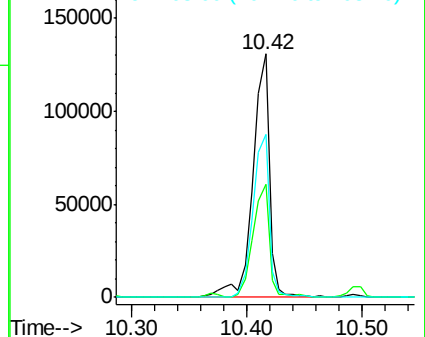
108 66.7 52.5 92.5



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: 31.56 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Tgt Ion: 77 Resp: 516465

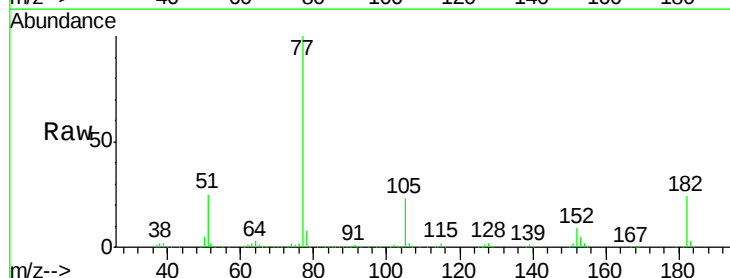
Ion Ratio Lower Upper

77 100

182 23.7 1.7 41.7

105 23.4 3.0 43.0

51 25.3 9.9 49.9

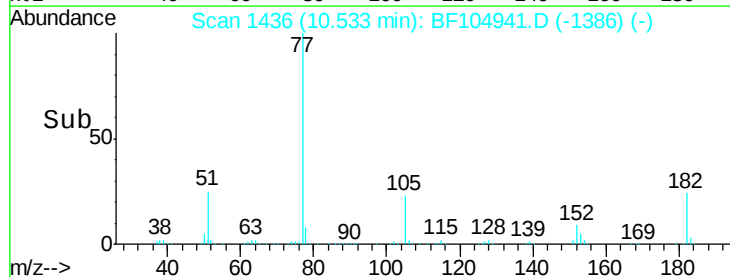
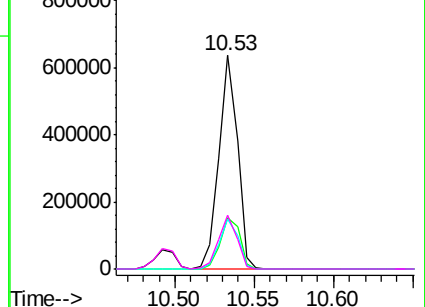


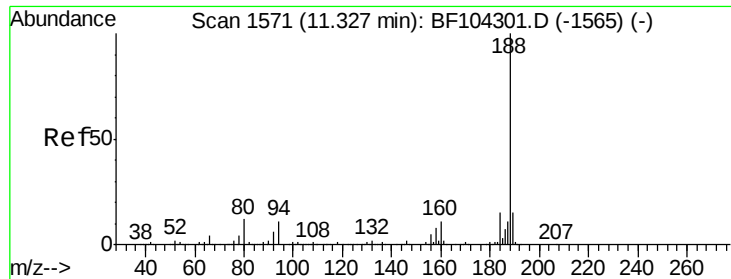
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

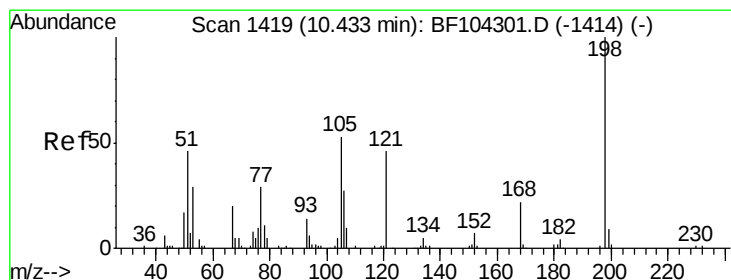
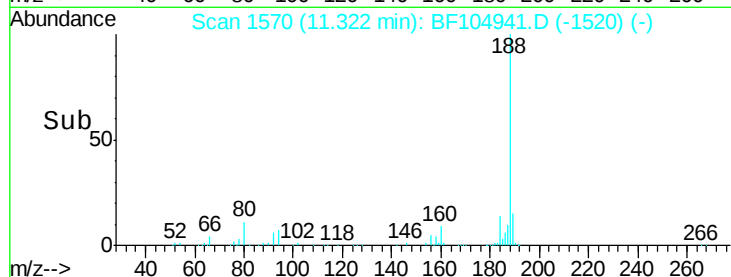
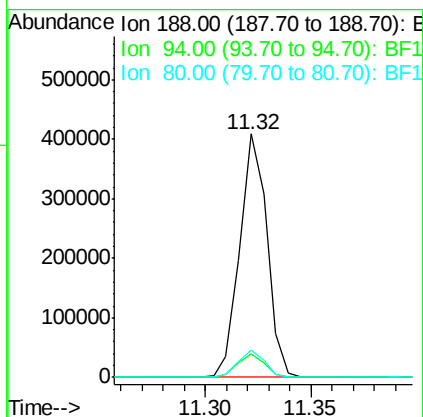
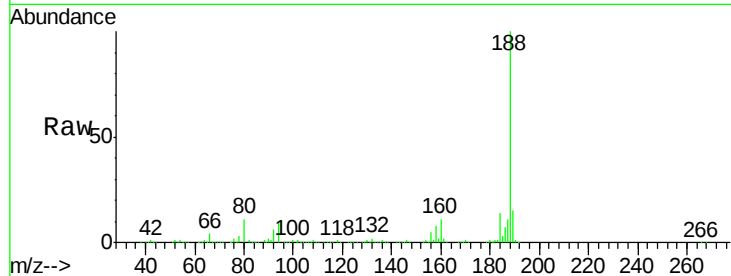




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

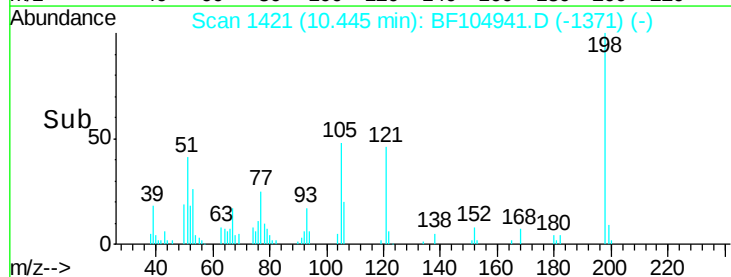
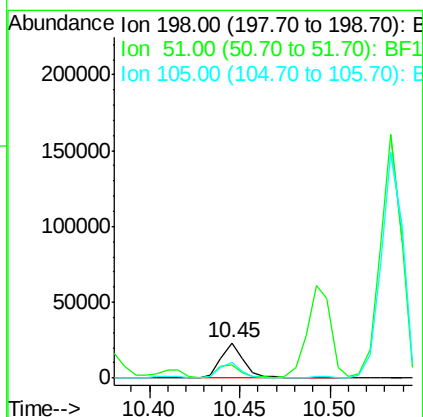
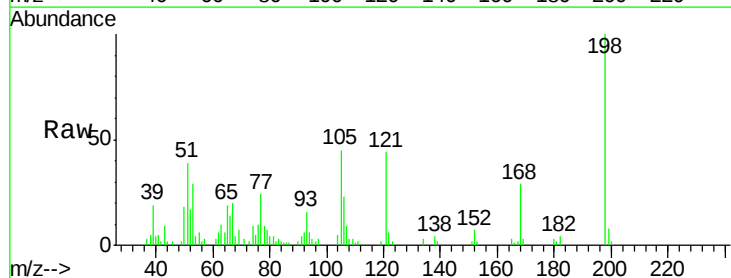
Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 365352
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 11.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 16.94 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion:198 Resp: 20147
Ion Ratio Lower Upper
198 100
51 39.0 37.7 77.7
105 45.5 36.3 76.3

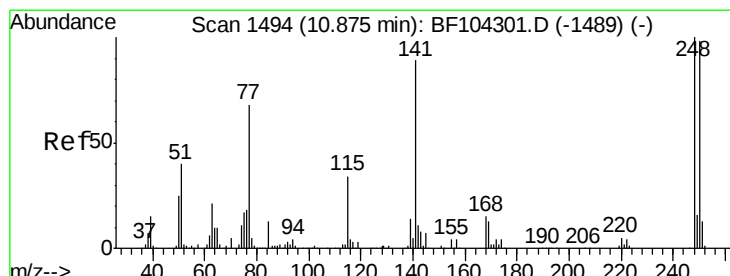
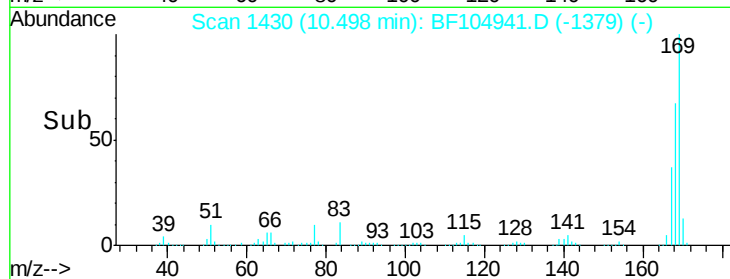
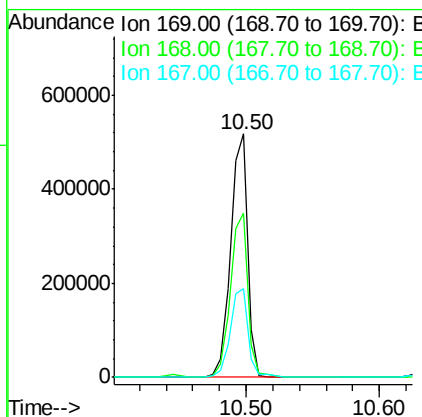
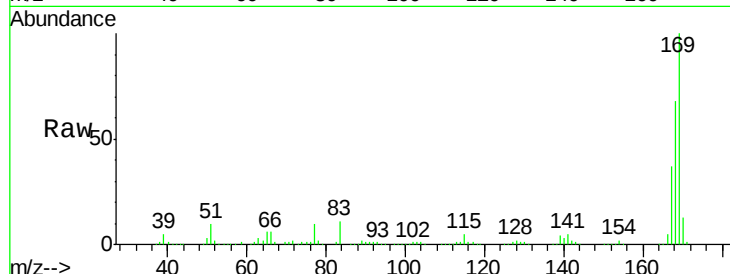




#65
 n-Nitrosodiphenylamine
 Concen: 36.99 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

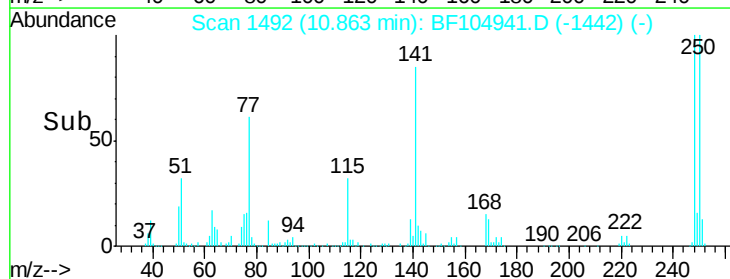
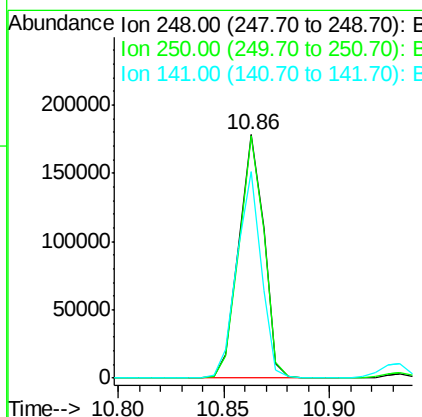
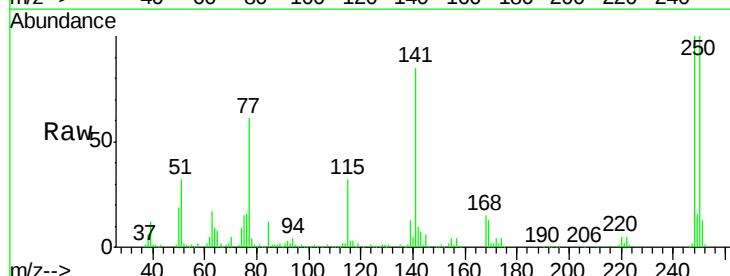
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	169	Resp	468554
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.4	81.6
167	36.6	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.71 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion	248	Resp	146548
Ion Ratio	Lower	Upper	
248	100		
250	99.6	76.9	115.3
141	85.0	74.4	111.6

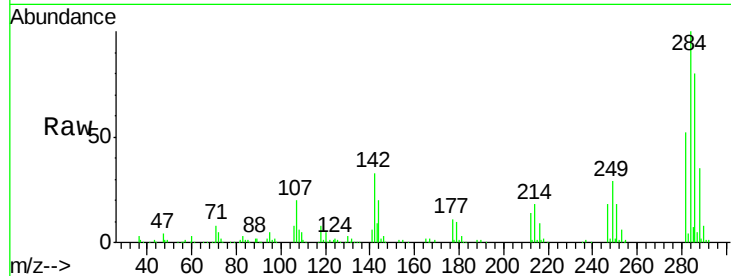




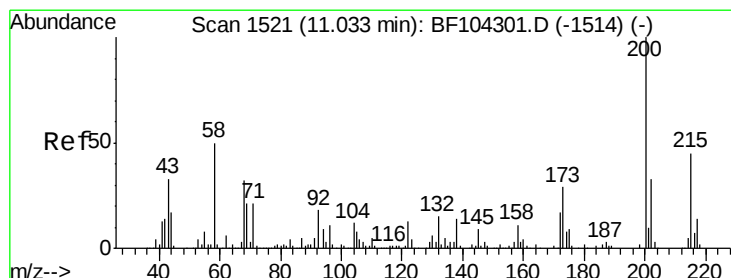
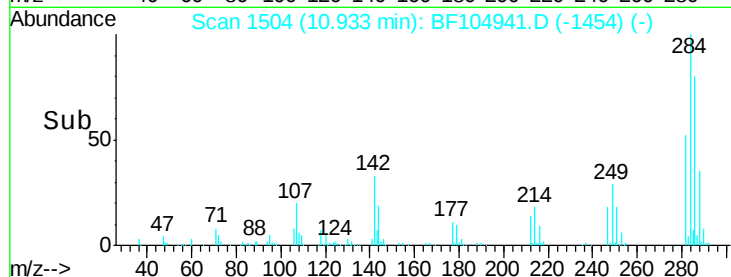
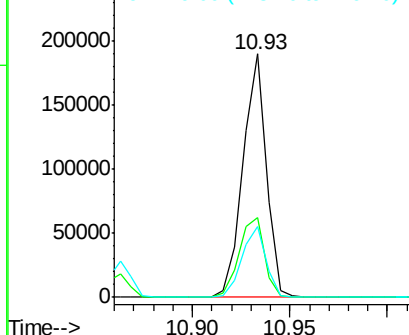
#67
Hexachlorobenzene
Concen: 36.11 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 157902
Ion Ratio Lower Upper
284 100
142 33.0 34.6 52.0#
249 29.2 24.8 37.2

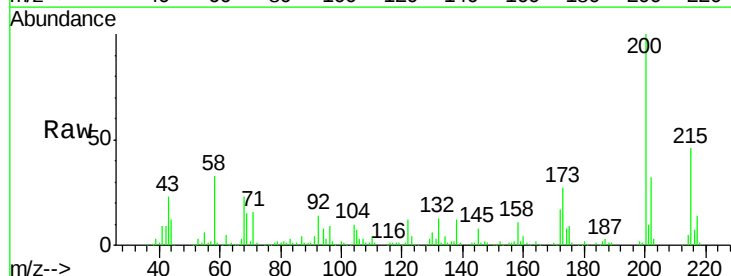


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

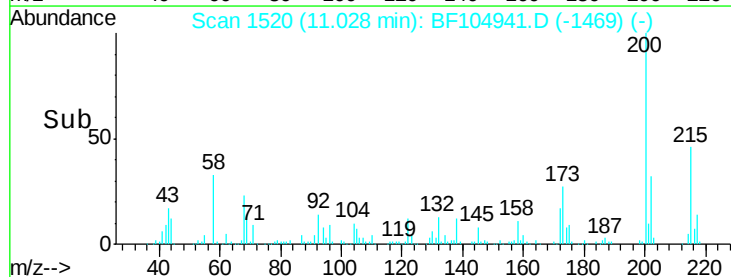
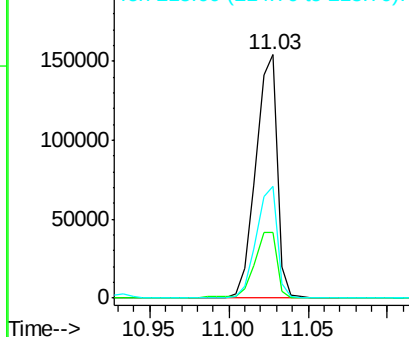


#68
Atrazine
Concen: 38.04 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion:200 Resp: 145455
Ion Ratio Lower Upper
200 100
173 27.2 8.6 48.6
215 46.0 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

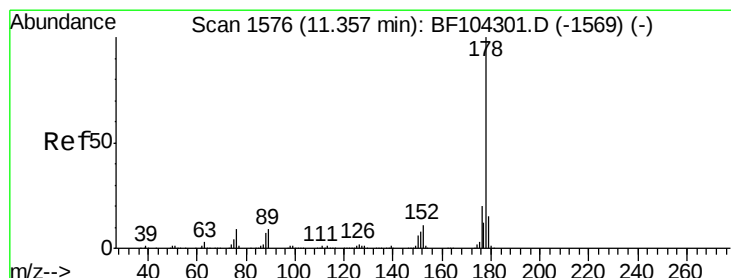
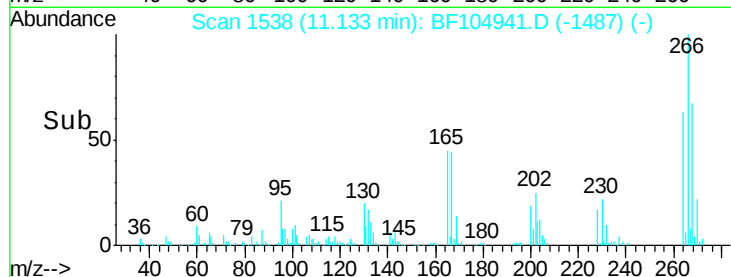
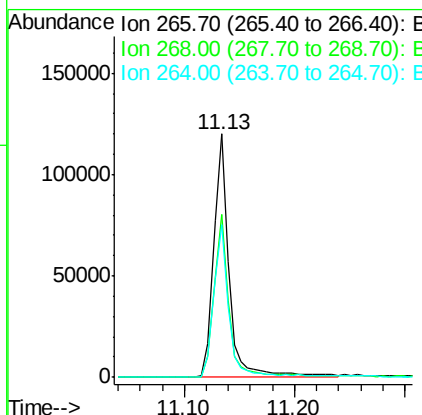
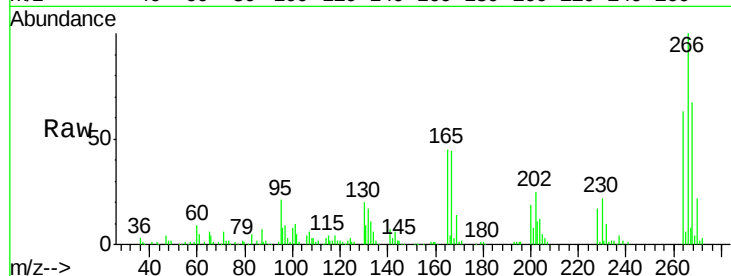




#69
 Pentachlorophenol
 Concen: 42.70 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

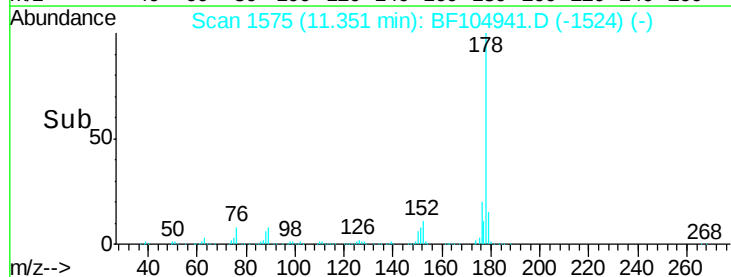
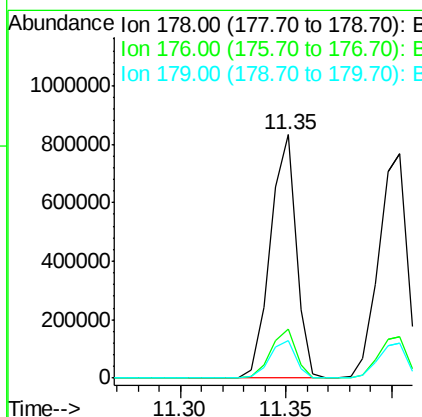
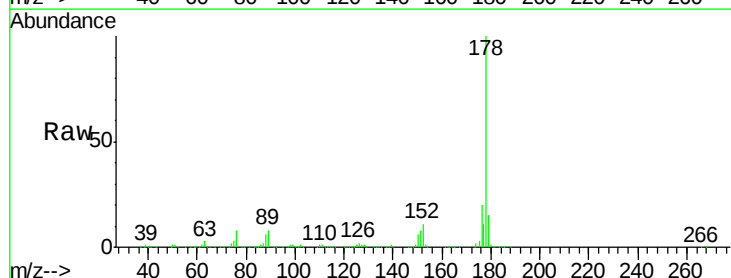
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 115500
 Ion Ratio Lower Upper
 266 100
 268 66.8 51.1 76.7
 264 62.7 49.5 74.3



#70
 Phenanthrene
 Concen: 34.97 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion:178 Resp: 711434
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.4 13.0 19.6

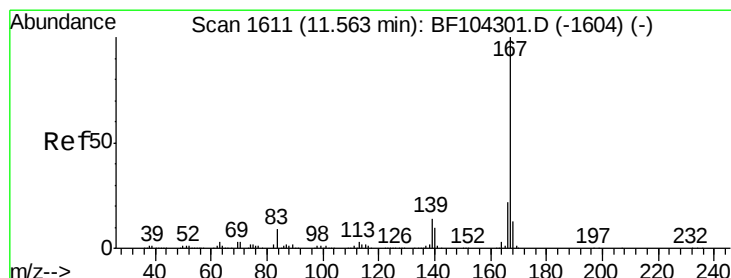
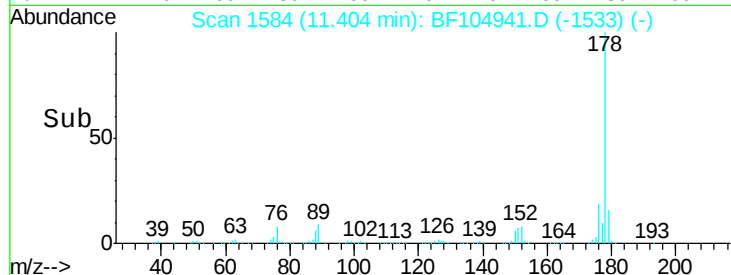
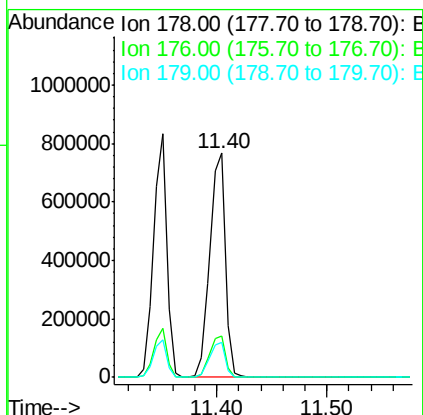
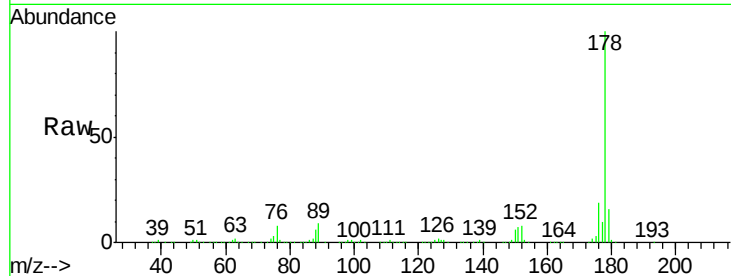




#71
 Anthracene
 Concen: 35.37 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

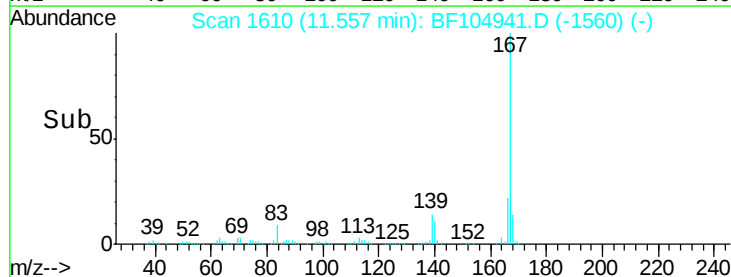
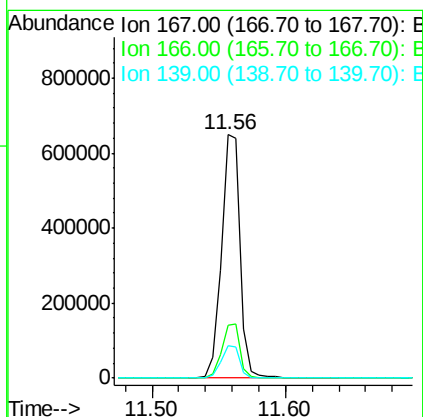
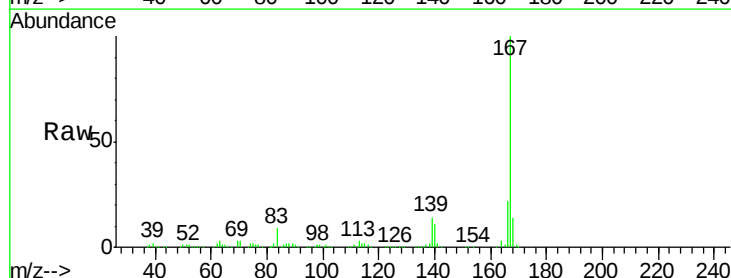
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 731527
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 31.59 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion:167 Resp: 638496
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.85 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

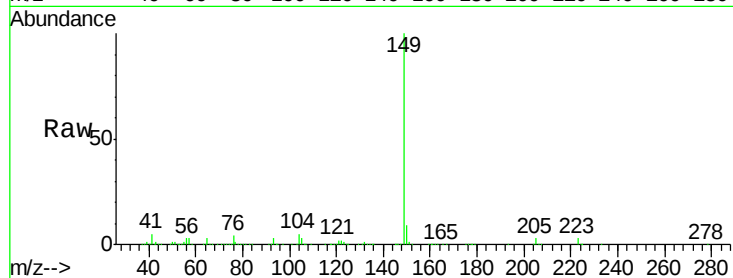
Tot Ion:149 Resp: 860327

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

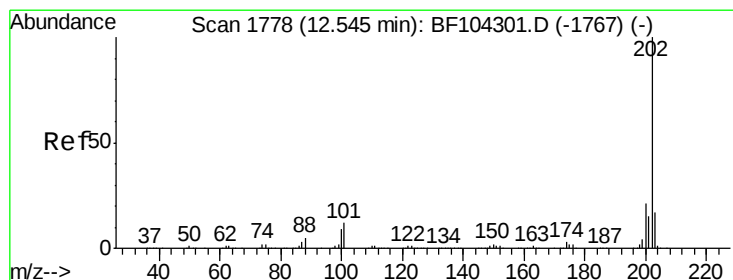
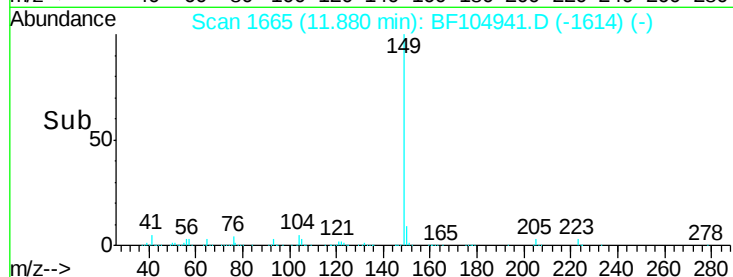
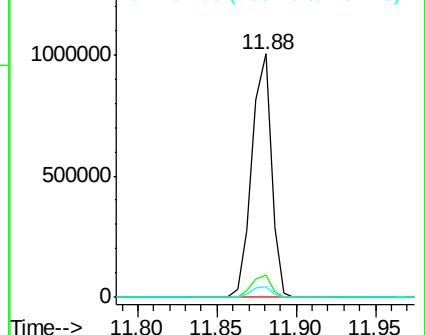
104 4.6 3.8 5.8



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: 31.25 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

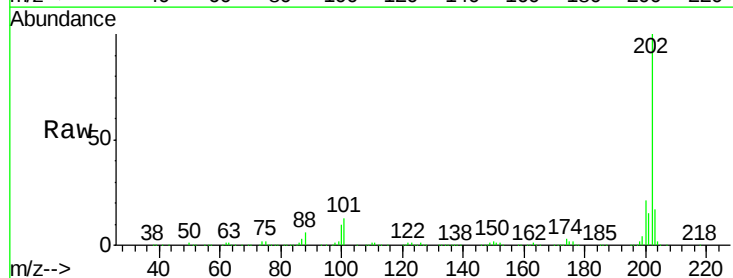
Tgt Ion:202 Resp: 664378

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

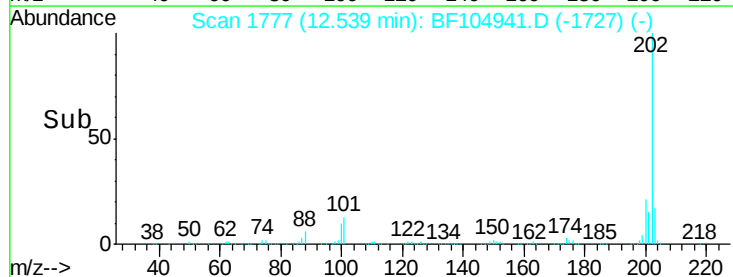
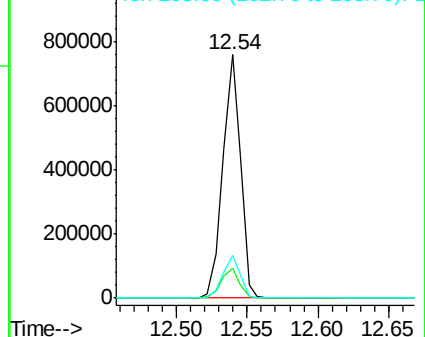
203 17.3 0.0 38.1

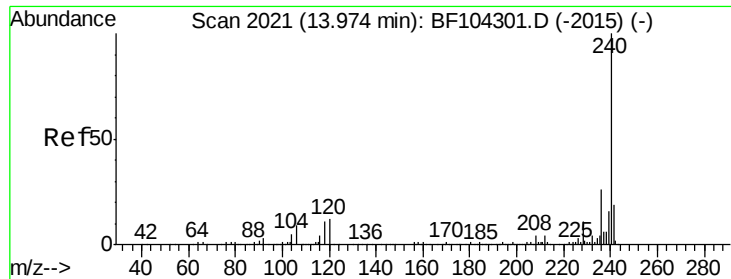


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampled :

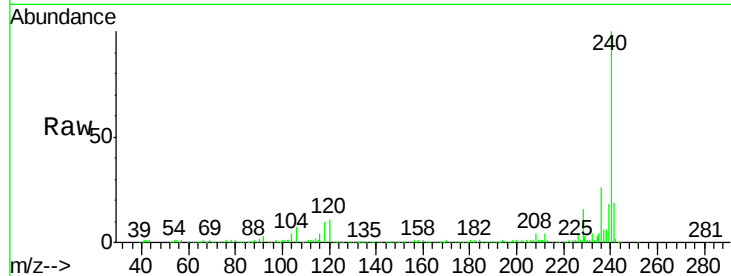
Tot Ion:240 Resp: 229034

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

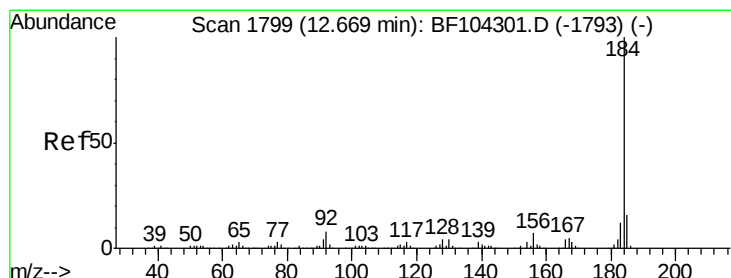
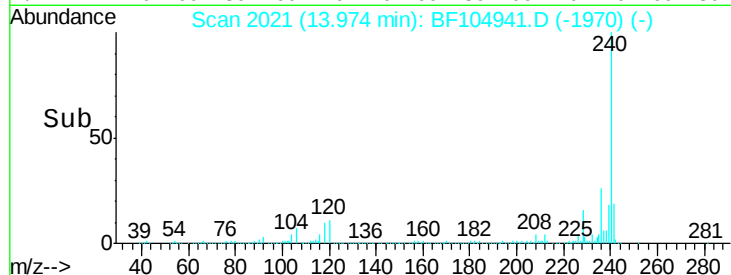
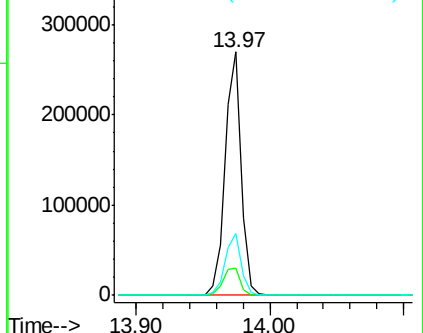
236 25.7 20.7 31.1



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: 30.49 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

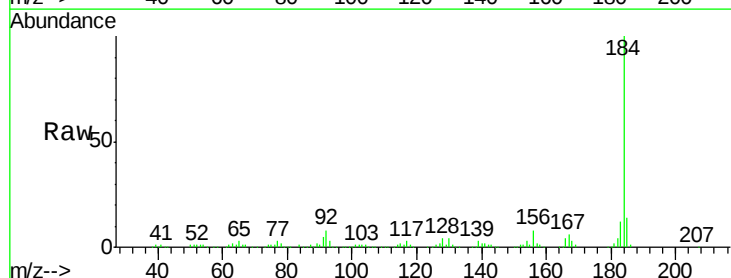
Tgt Ion:184 Resp: 254388

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

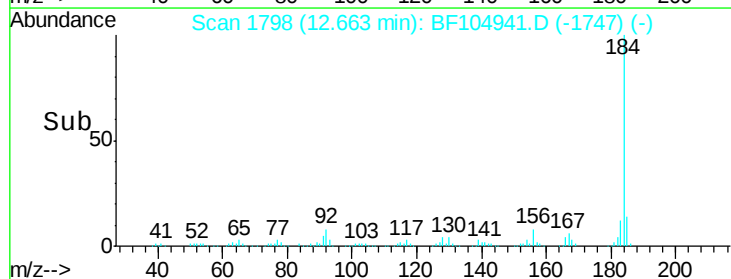
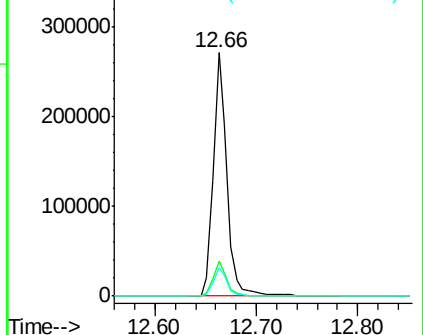
183 11.7 9.3 13.9

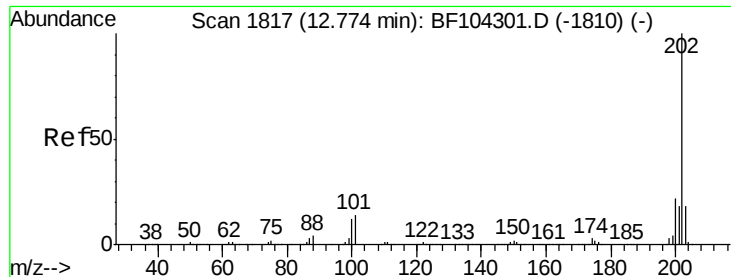


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

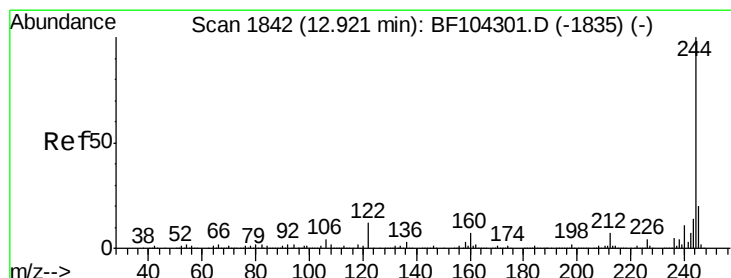
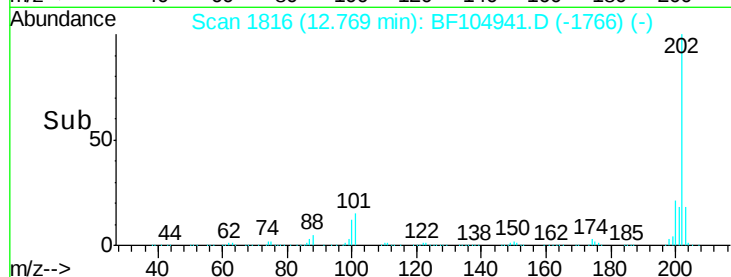
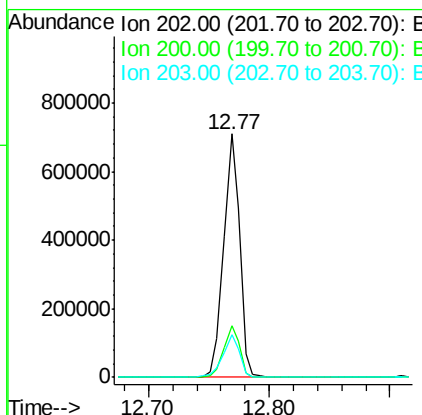
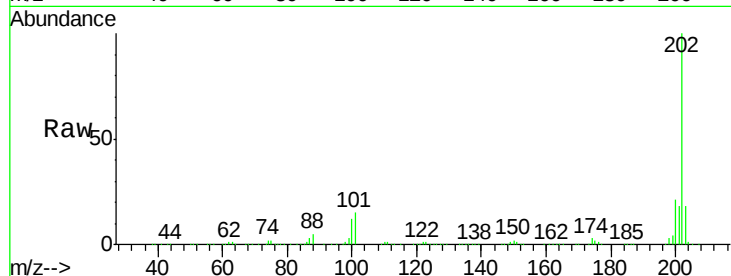




#77
Pvrene
Concen: 38.15 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

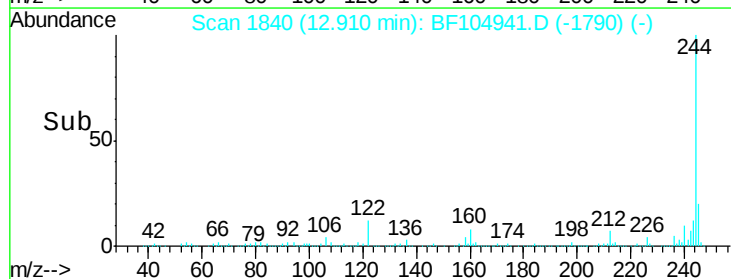
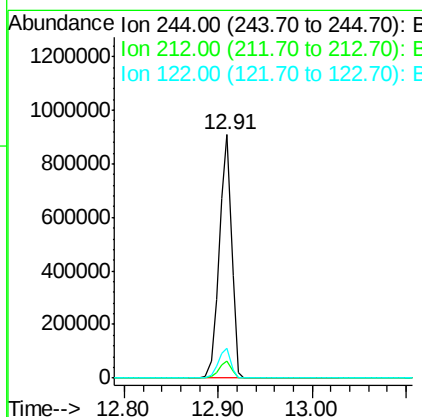
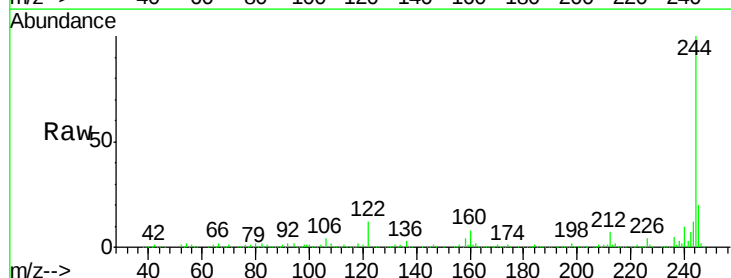
Instrument :
BNA_F
ClientSampleId :

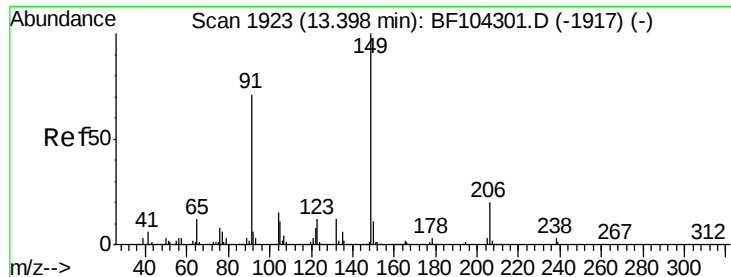
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.7	14.3	21.5



#78
Terphenyl-d14
Concen: 82.93 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.2	11.0	16.4

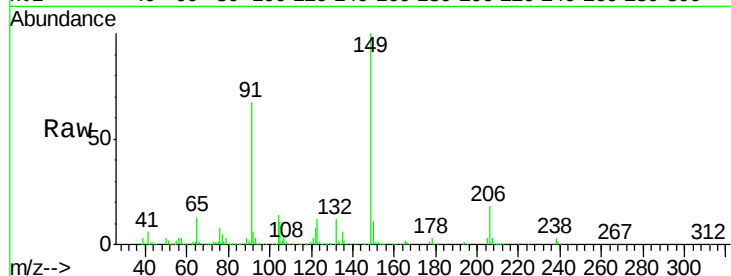




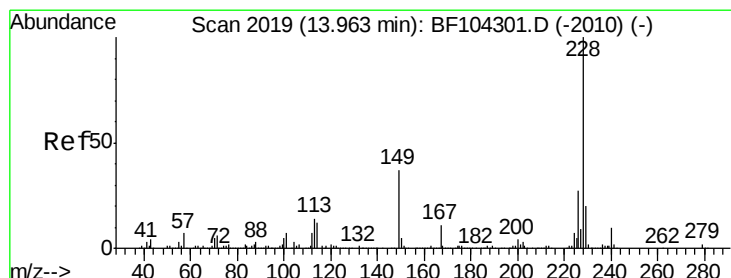
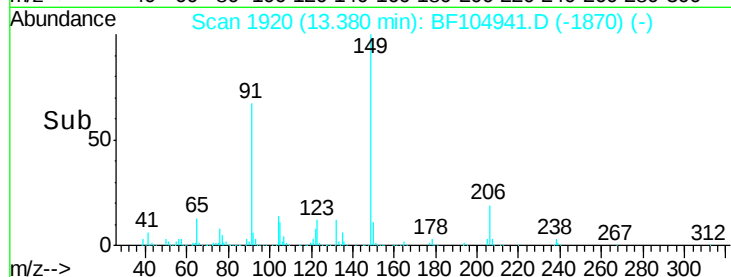
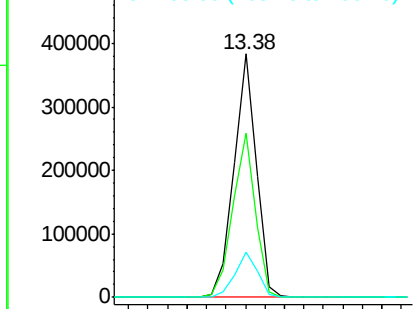
#79
Butylbenzylphthalate
Concen: 38.20 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.4	56.8	85.2
206	18.5	14.1	21.1

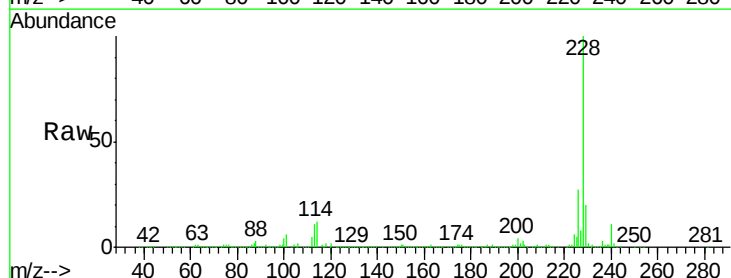


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

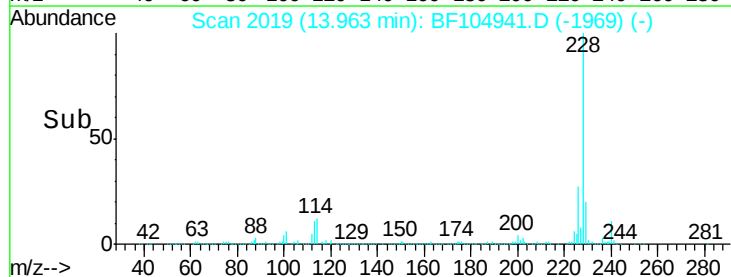
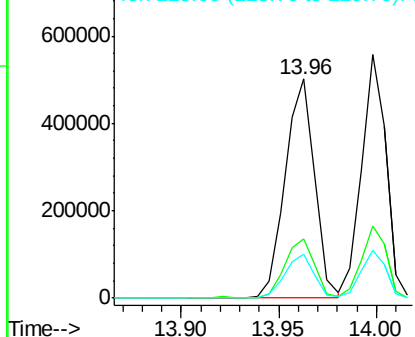


#80
Benzo(a)anthracene
Concen: 38.12 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.9	15.8	23.6



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





#81

3,3'-Dichlorobenzidine

Concen: 33.59 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

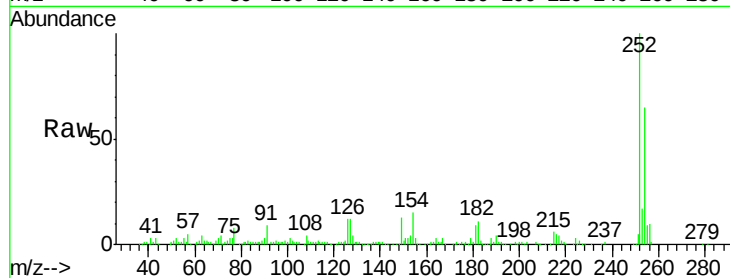
Tot Ion:252 Resp: 171382

Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	12.5	11.3	16.9

252 100

254 65.0 50.4 75.6

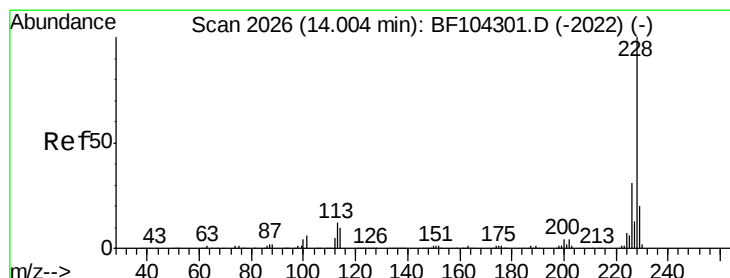
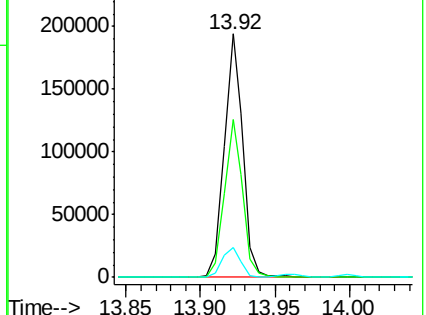
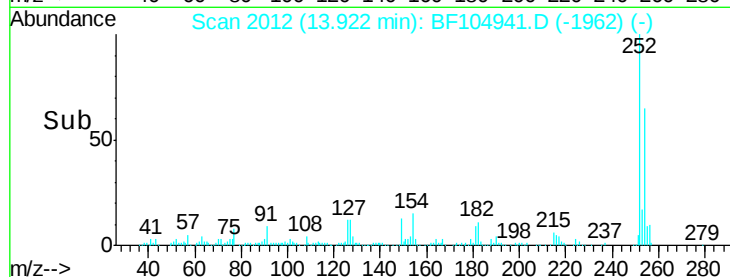
126 12.5 11.3 16.9



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: 34.52 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

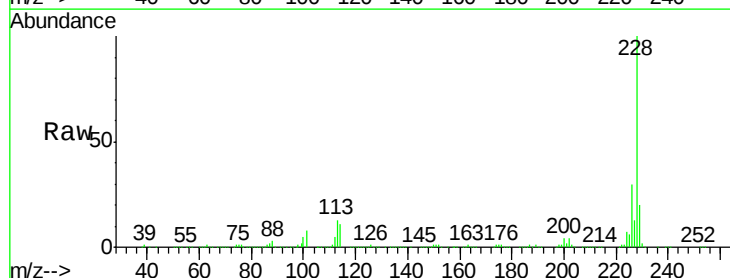
Tgt Ion:228 Resp: 485180

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	19.7	16.2	24.4

228 100

226 29.5 25.0 37.6

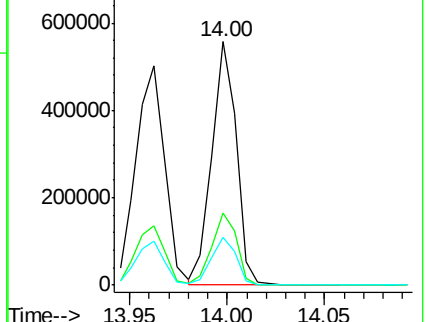
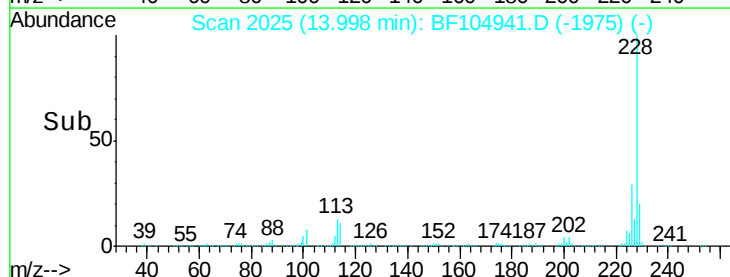
229 19.7 16.2 24.4



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

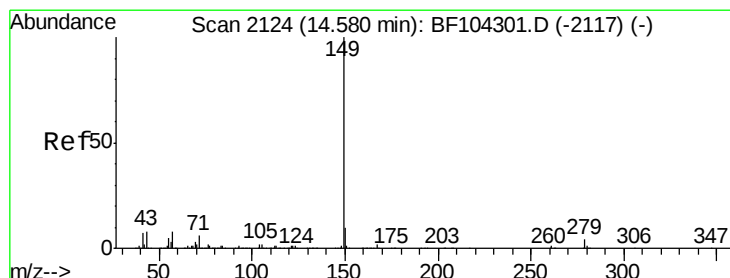
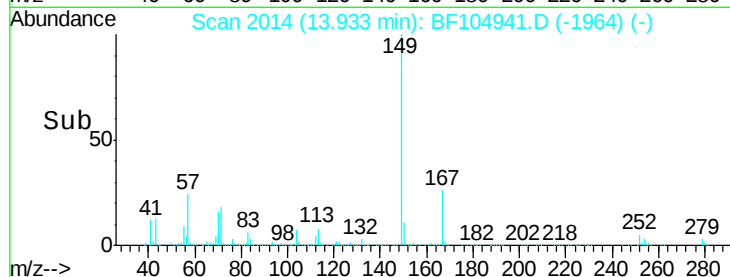
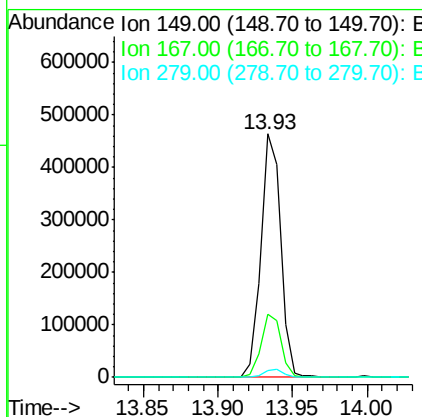
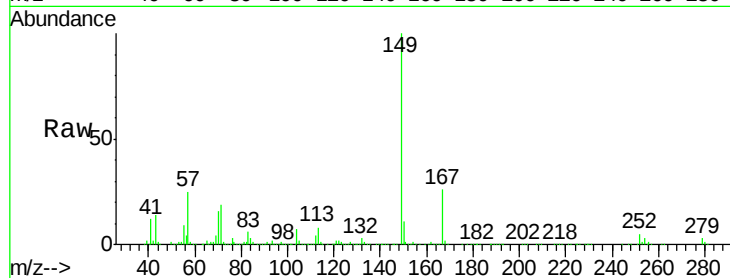




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.97 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

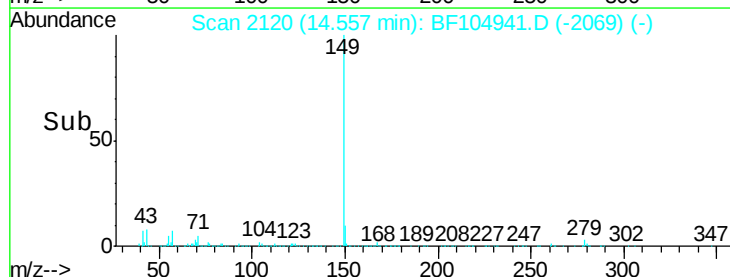
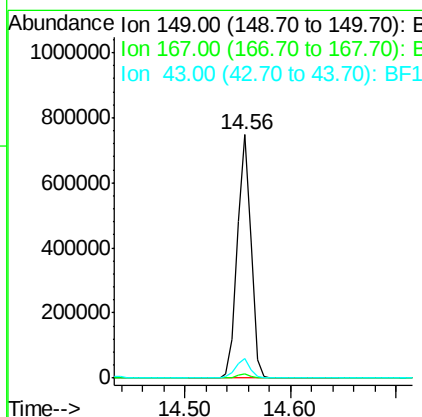
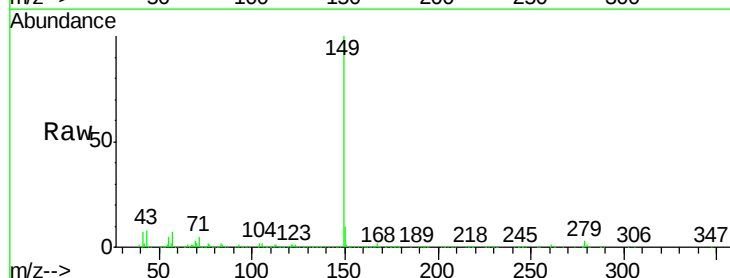
Instrument :
 BNA_F
 ClientSampleId :

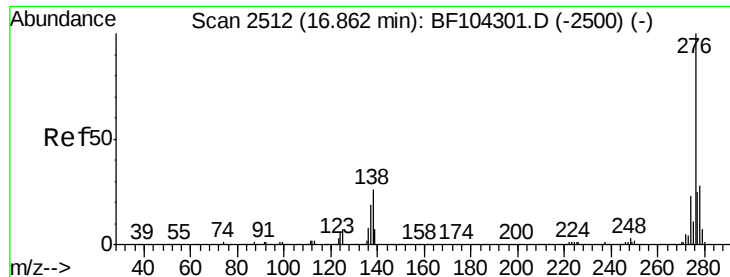
Tot Ion:149 Resp: 421477
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 2.9 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 38.01 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion:149 Resp: 653388
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.0 8.4 12.6#

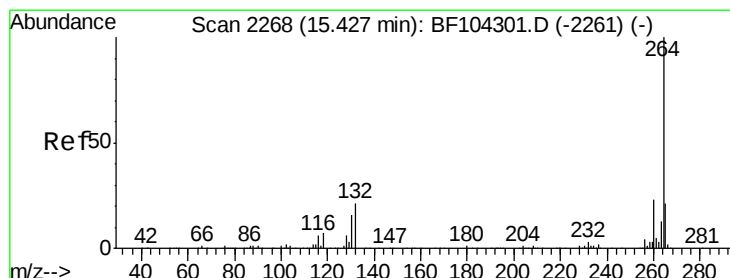
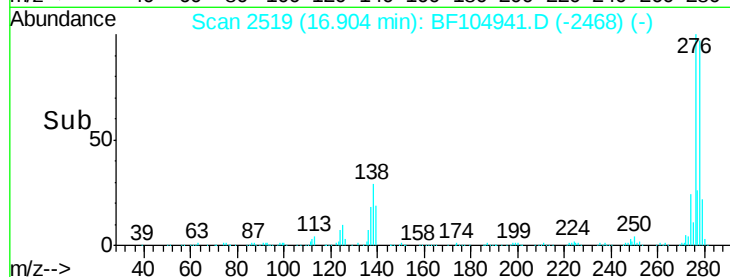
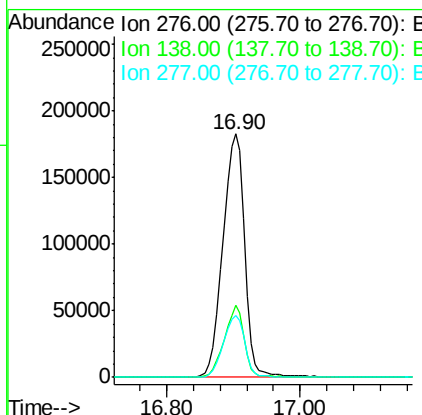
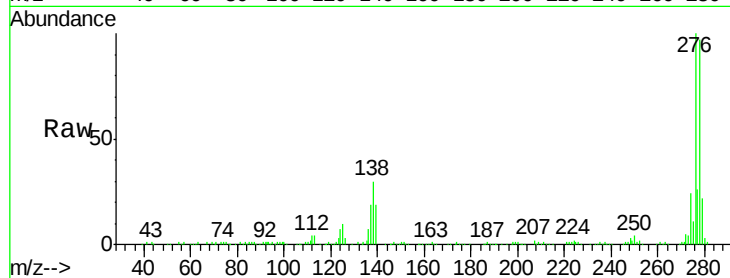




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.50 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

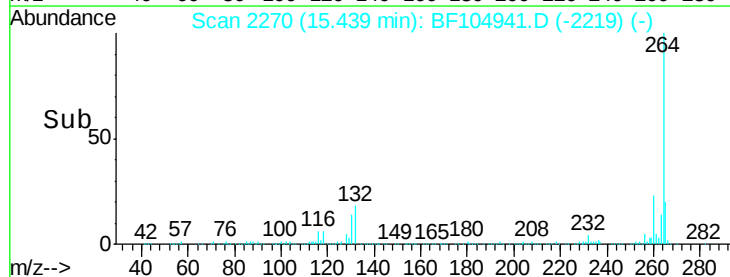
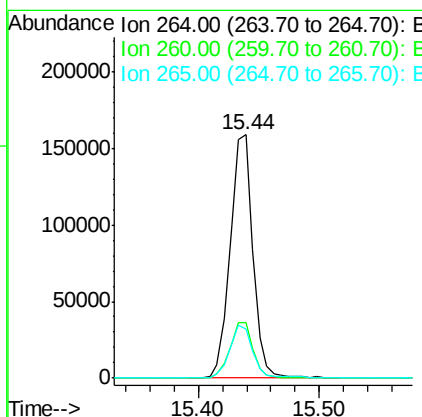
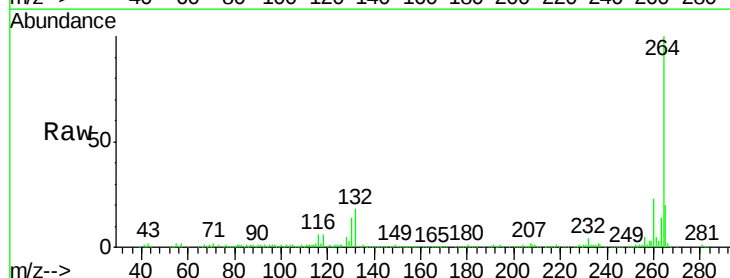
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.4	17.5	26.3

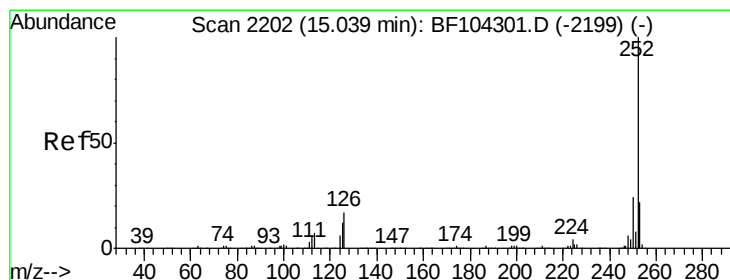
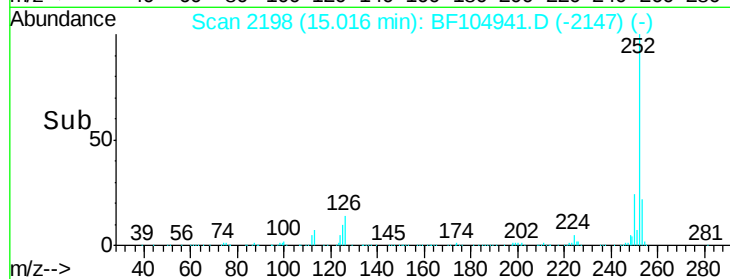
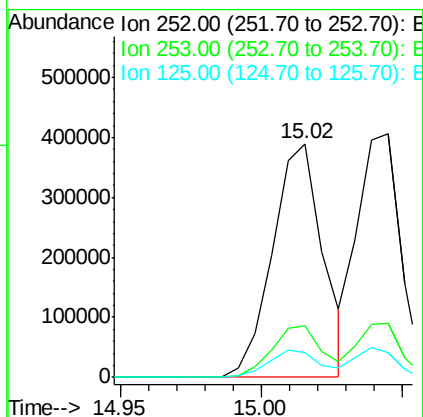
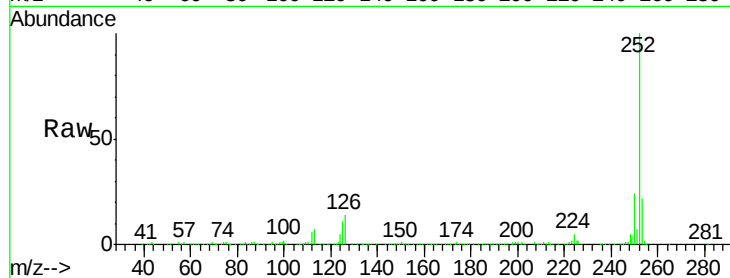




#87
Benzo(b)fluoranthene
Concen: 36.53 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

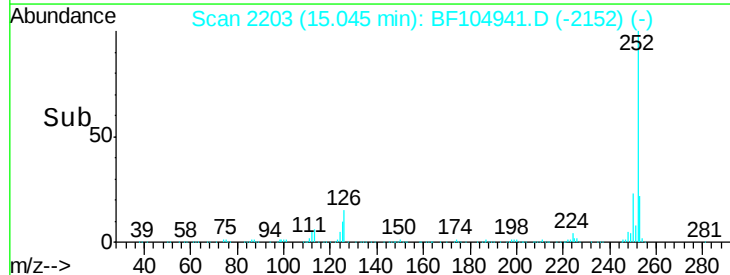
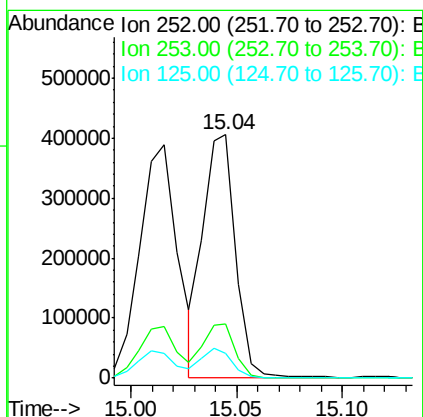
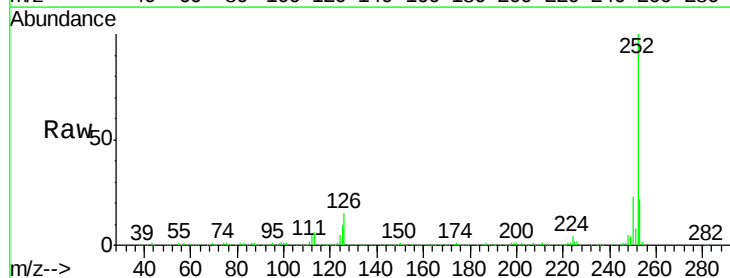
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 483672
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 10.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 34.48 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion:252 Resp: 430985
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.4 10.2 15.2

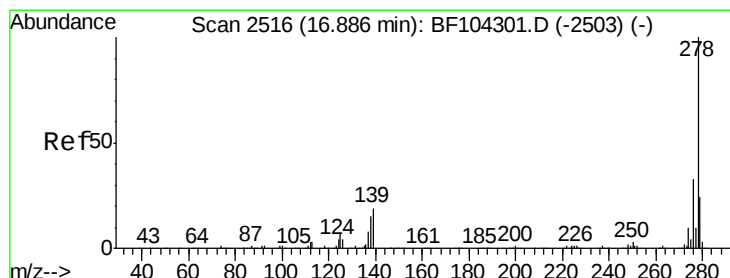
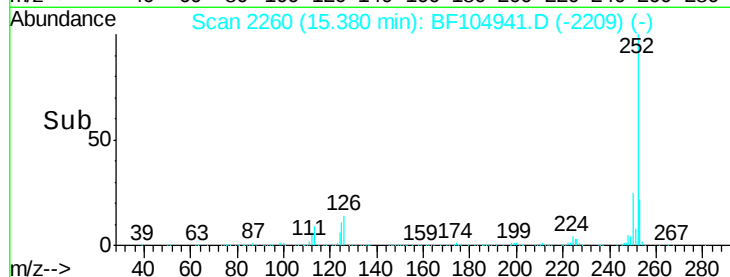
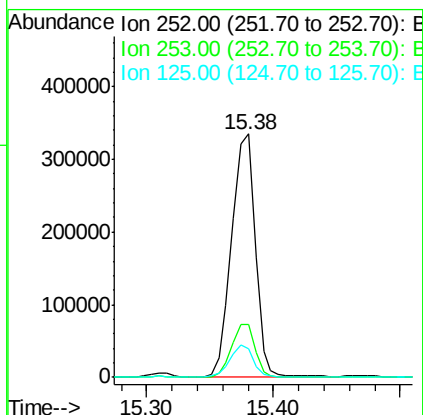
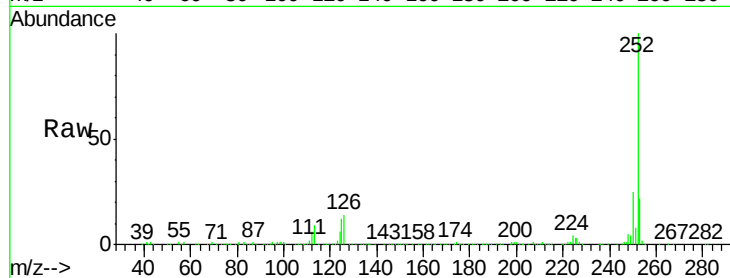




#89
Benzo(a)pyrene
Concen: 36.61 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

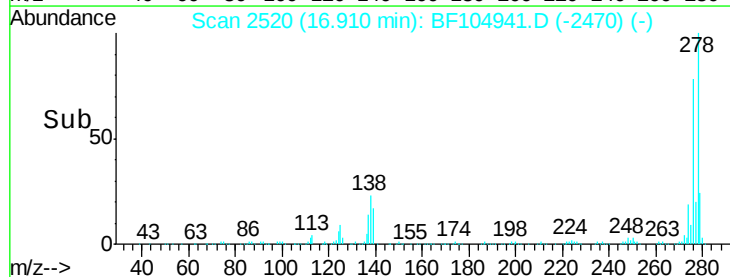
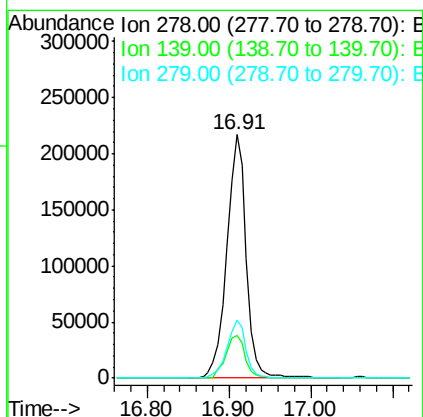
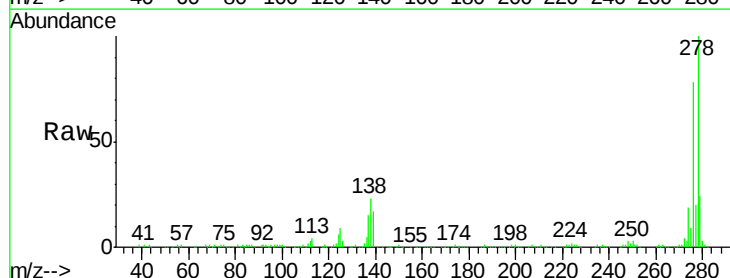
Instrument :
BNA_F
ClientSampleId :

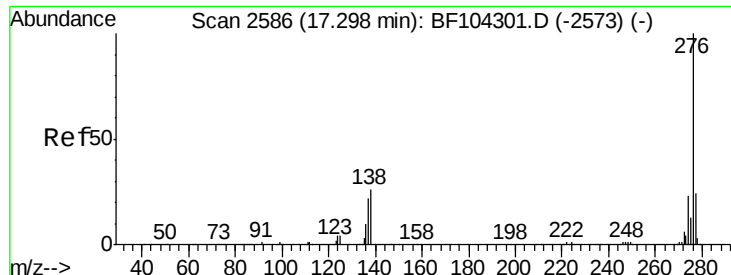
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	11.5	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 36.81 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	15.9	23.9
279	23.8	19.0	28.4

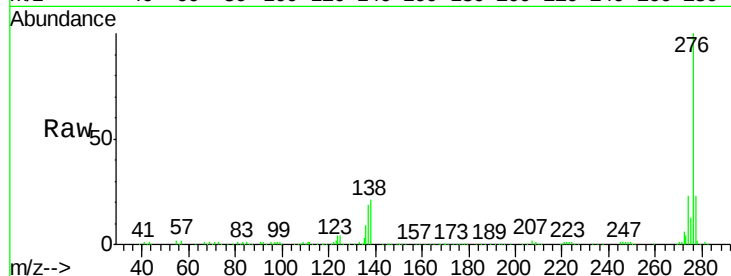




#91
 Benzo(a,h,i)perylene
 Concen: 36.11 ng
 RT: 17.34 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	21.4	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

