

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104927.D
 Acq On : 30 Apr 2018 12:40
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 15:20:15 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	125284	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	535690	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	245771	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	447588	20.00	ng	0.00
75) Chrysene-d12	13.97	240	335711	20.00	ng	0.00
86) Perylene-d12	15.44	264	274611	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	621068	75.80	ng	0.00
7) Phenol-d6	6.44	99	774842	76.97	ng	0.00
23) Nitrobenzene-d5	7.37	82	711508	86.73	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	209287	82.09	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1233799	79.31	ng	0.00
78) Terphenyl-d14	12.92	244	1176341	79.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	135151	35.400	ng	# 87
3) Pyridine	3.23	79	379314	35.337	ng	# 84
4) n-Nitrosodimethylamine	3.21	42	130307	34.728	ng	# 79
6) Aniline	6.46	93	515636	36.866	ng	98
8) 2-Chlorophenol	6.58	128	354281	40.967	ng	95
9) Benzaldehyde	6.35	77	214241	43.199	ng	98
10) Phenol	6.45	94	419409	39.264	ng	75
11) bis(2-Chloroethyl)ether	6.53	93	336480	39.474	ng	93
12) 1,3-Dichlorobenzene	6.73	146	398574	40.682	ng	99
13) 1,4-Dichlorobenzene	6.81	146	402622	41.226	ng	100
14) 1,2-Dichlorobenzene	6.96	146	370423	40.929	ng	98
15) Benzyl Alcohol	6.95	79	283913	37.131	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	390282	34.093	ng	72
17) 2-Methylphenol	7.06	107	302081	40.184	ng	# 93
18) Hexachloroethane	7.30	117	145074	41.663	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	232694	35.372	ng	93
20) 3+4-Methylphenols	7.21	107	360551	38.672	ng	# 66
22) Acetophenone	7.21	105	493923	37.451	ng	97
24) Nitrobenzene	7.39	77	373382	41.224	ng	97
25) Isophorone	7.62	82	647476	37.323	ng	99
26) 2-Nitrophenol	7.70	139	200775	54.450	ng	95
27) 2,4-Dimethylphenol	7.74	122	282010	36.834	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	403422	38.034	ng	98
29) 2,4-Dichlorophenol	7.95	162	292406	40.027	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	326026	40.666	ng	98
31) Naphthalene	8.10	128	1036083	38.842	ng	100
32) Benzoic acid	7.90	122	228071	37.335	ng	98
33) 4-Chloroaniline	8.16	127	448793	39.272	ng	97
34) Hexachlorobutadiene	8.21	225	186564	42.485	ng	99
35) Caprolactam	8.55	113	97100	38.102	ng	# 74
36) 4-Chloro-3-methylphenol	8.65	107	311975	39.828	ng	97
37) 2-Methylnaphthalene	8.79	142	670203	38.843	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	303243	43.103	ng	99
40) Hexachlorocyclopentadiene	8.94	237	184927	46.952	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104927.D
 Acq On : 30 Apr 2018 12:40
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 15:20:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	202560	41.475	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	225199	41.206	ng	95
45) 1,1'-Biphenyl	9.26	154	831488	40.273	ng	99
46) 2-Chloronaphthalene	9.29	162	658882	40.402	ng	99
47) 2-Nitroaniline	9.39	65	192968	47.847	ng	97
48) Acenaphthylene	9.70	152	981763	38.370	ng	99
49) Dimethylphthalate	9.56	163	789241	40.722	ng	100
50) 2,6-Dinitrotoluene	9.63	165	170390	47.512	ng	# 84
51) Acenaphthene	9.87	154	580337	37.174	ng	100
52) 3-Nitroaniline	9.80	138	196109	46.710	ng	95
53) 2,4-Dinitrophenol	9.92	184	67548	54.282	ng	# 19
54) Dibenzofuran	10.05	168	795695	36.573	ng	98
55) 4-Nitrophenol	9.97	139	140291	42.538	ng	95
56) 2,4-Dinitrotoluene	10.04	165	205752	43.739	ng	# 95
57) Fluorene	10.39	166	669427	42.273	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	160212	39.294	ng	93
59) Diethylphthalate	10.26	149	739706	38.323	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	308968	43.810	ng	99
61) 4-Nitroaniline	10.42	138	198943	48.463	ng	97
62) Azobenzene	10.54	77	655536	35.548	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	118692	53.462	ng	80
65) n-Nitrosodiphenylamine	10.50	169	599305	38.617	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	191530	40.230	ng	91
67) Hexachlorobenzene	10.94	284	220995	41.253	ng	# 87
68) Atrazine	11.03	200	173929	37.130	ng	98
69) Pentachlorophenol	11.13	266	129029	38.933	ng	97
70) Phenanthrene	11.35	178	952665	38.220	ng	99
71) Anthracene	11.40	178	973728	38.430	ng	100
72) Carbazole	11.56	167	933653	37.709	ng	100
73) Di-n-butylphthalate	11.88	149	1149814	38.017	ng	99
74) Fluoranthene	12.54	202	973148	37.367	ng	98
76) Benzidine	12.66	184	388246	32.188	ng	98
77) Pyrene	12.77	202	1008024	40.509	ng	100
79) Butylbenzylphthalate	13.39	149	481912	41.107	ng	92
80) Benzo(a)anthracene	13.97	228	855528	42.658	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	287926	38.504	ng	99
82) Chrysene	14.00	228	789619	38.330	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	645717	42.822	ng	100
84) Di-n-octyl phthalate	14.56	149	985448	39.112	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.90	276	632763	36.159	ng	95
87) Benzo(b)fluoranthene	15.02	252	698097	40.250	ng	99
88) Benzo(k)fluoranthene	15.04	252	694906	42.439	ng	98
89) Benzo(a)pyrene	15.38	252	626856	40.394	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	515737	40.465	ng	98
91) Benzo(g,h,i)perylene	17.35	276	520980	42.191	ng	95

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

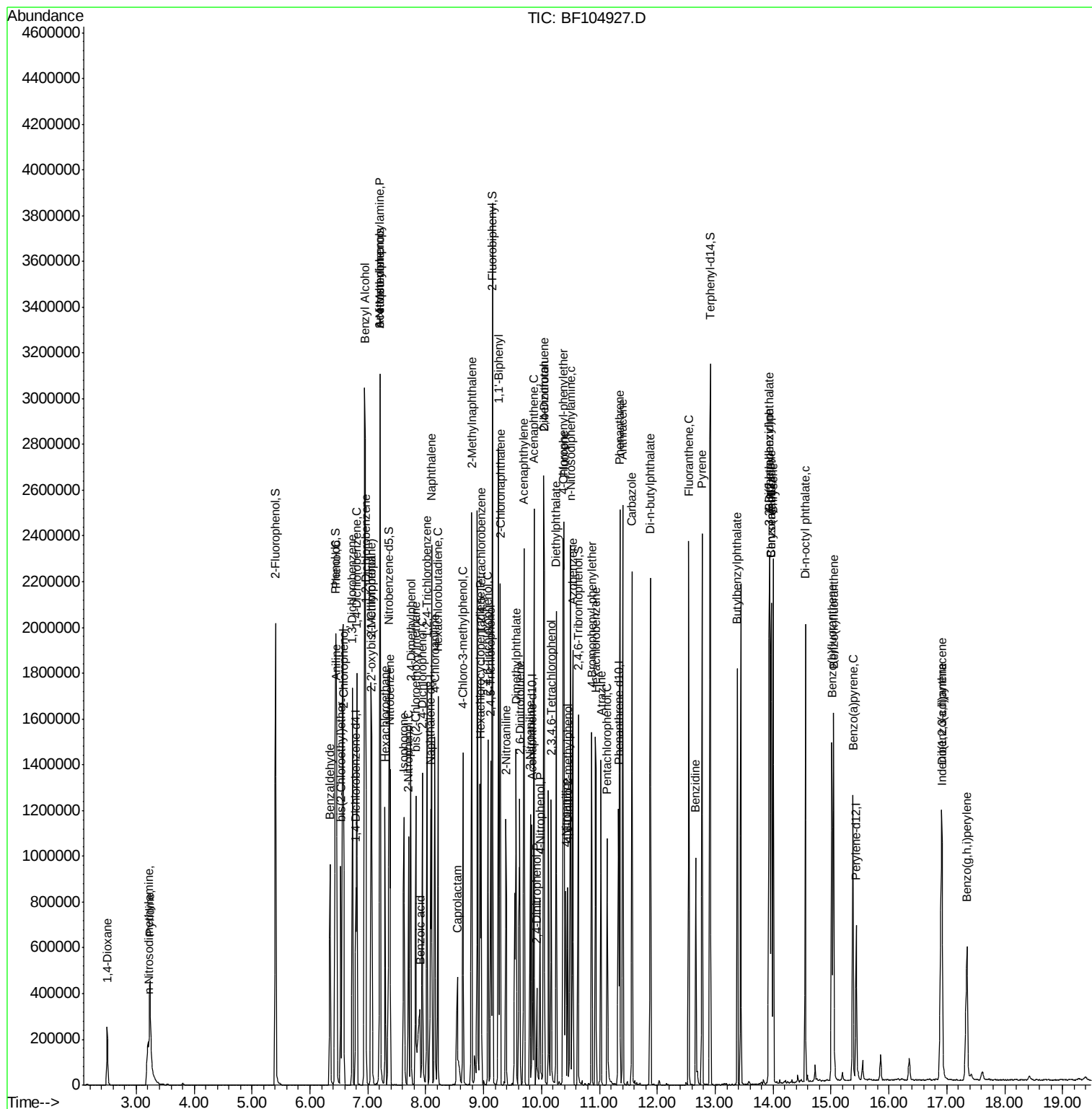
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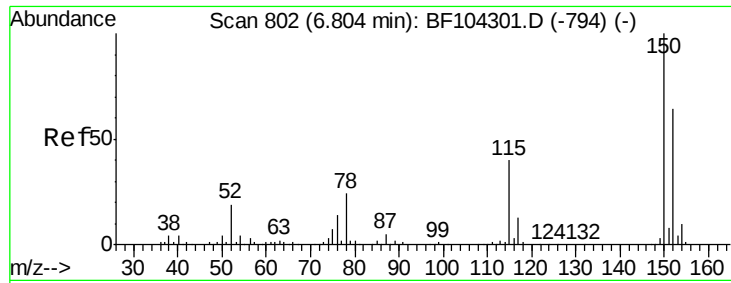
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104927.D
Acq On    : 30 Apr 2018   12:40
Operator  : JU/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1

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Instrument :
BNA_F
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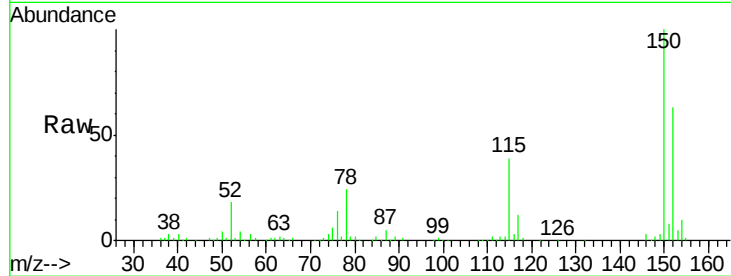


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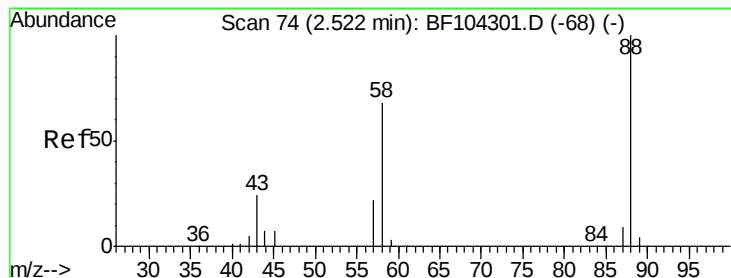
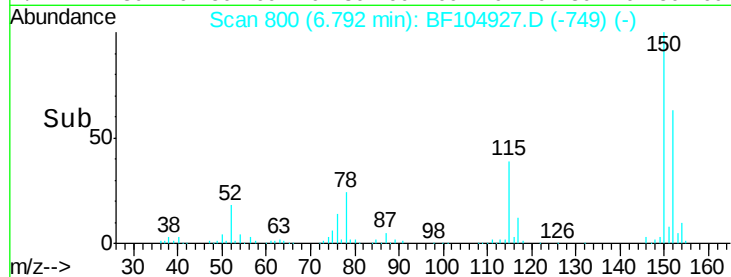
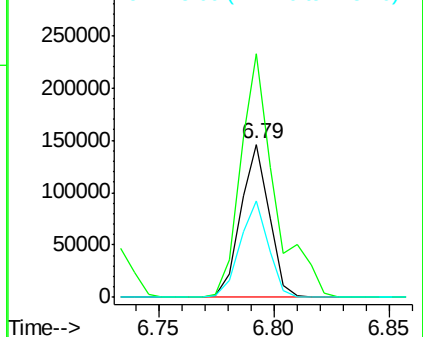
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125284
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 62.8 50.1 75.1



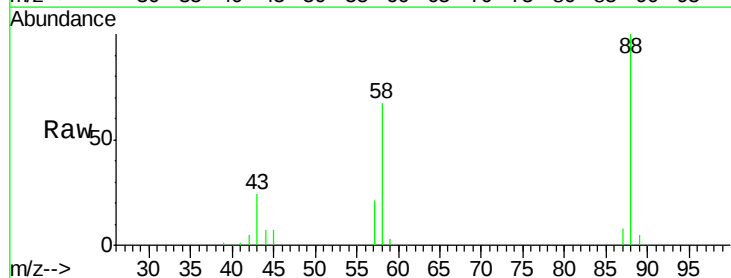
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



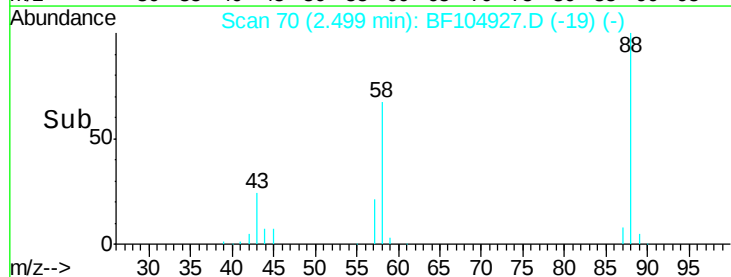
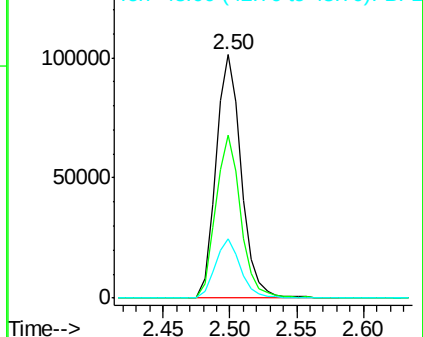
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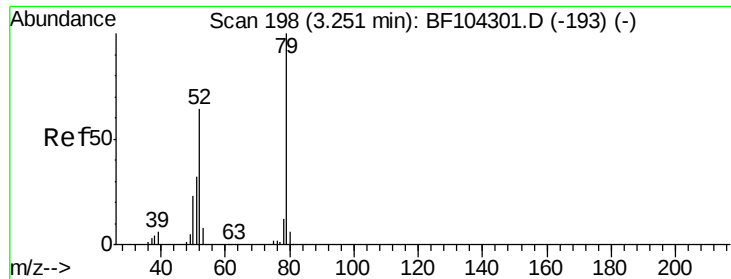
1,4-Dioxane
Concen: 35.400 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Tgt Ion: 88 Resp: 135151
Ion Ratio Lower Upper
88 100
58 66.4 62.6 93.8
43 24.1 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: 35.337 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampleId :

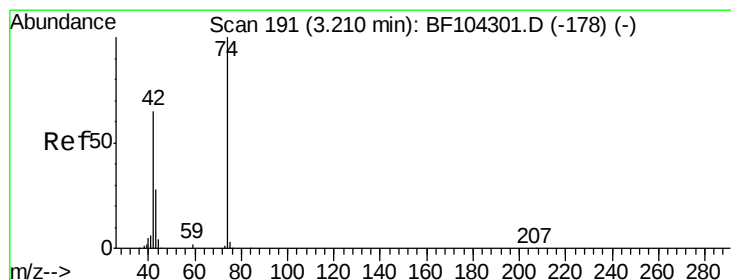
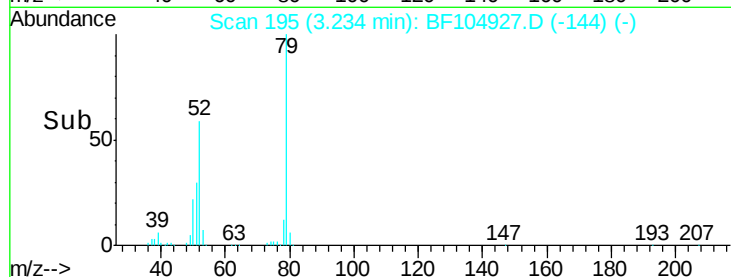
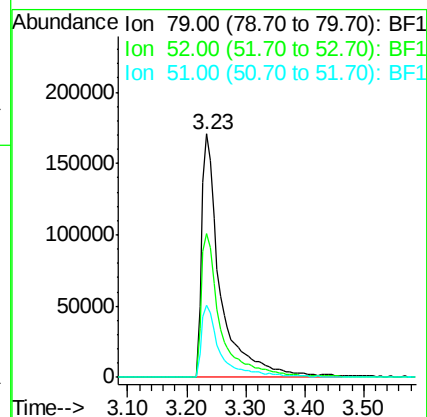
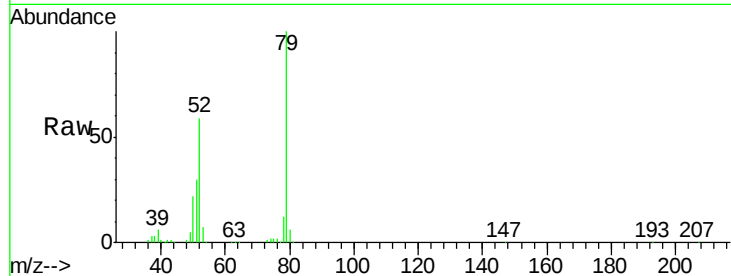
Tot Ion: 79 Resp: 379314

Ion Ratio Lower Upper

79 100

52 59.2 59.8 89.6#

51 29.5 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 34.728 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

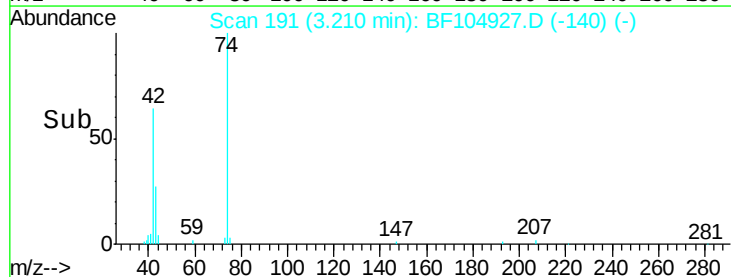
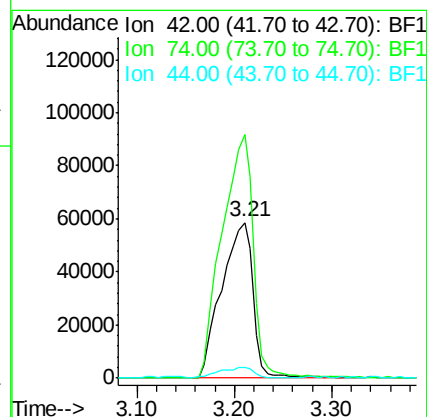
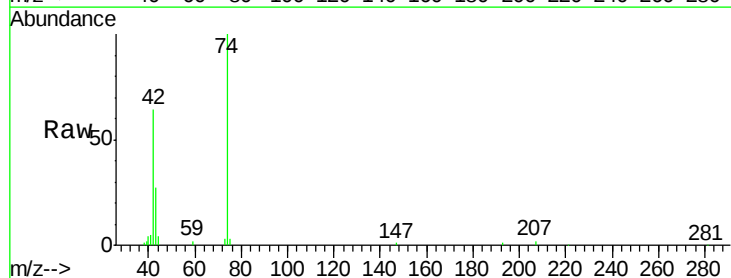
Tgt Ion: 42 Resp: 130307

Ion Ratio Lower Upper

42 100

74 156.5 104.9 157.3

44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 75.800 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampleId :

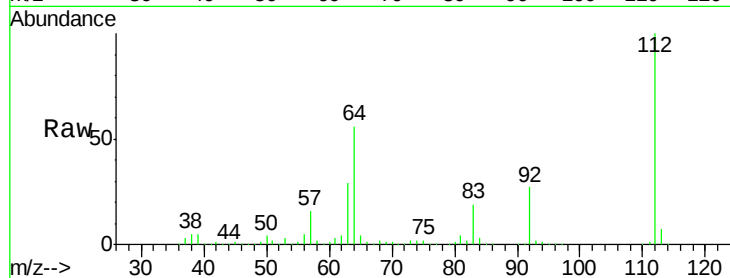
Tot Ion:112 Resp: 621068

Ion Ratio Lower Upper

112 100

64 56.1 47.9 71.9

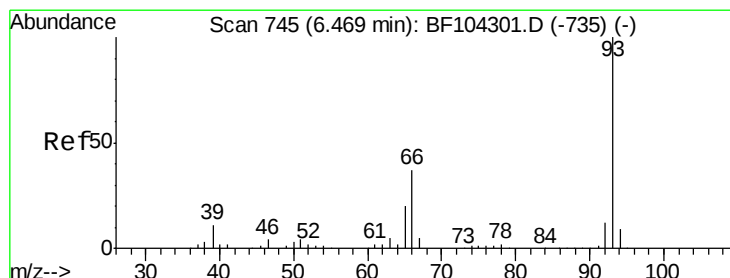
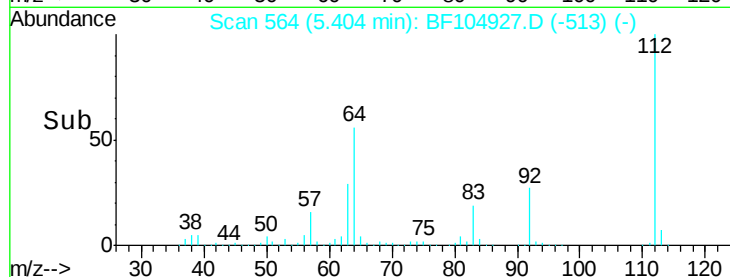
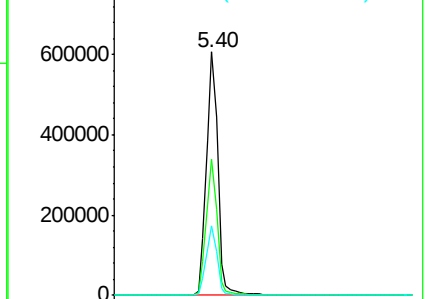
63 28.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.866 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

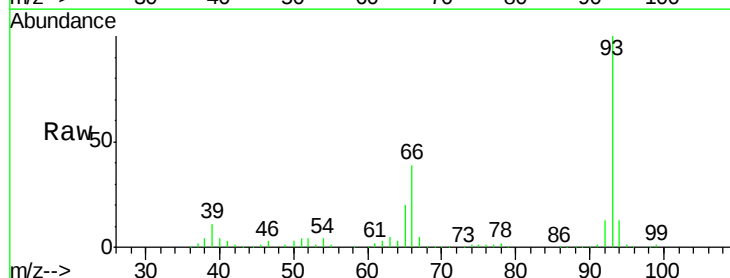
Tgt Ion: 93 Resp: 515636

Ion Ratio Lower Upper

93 100

66 39.0 32.2 48.2

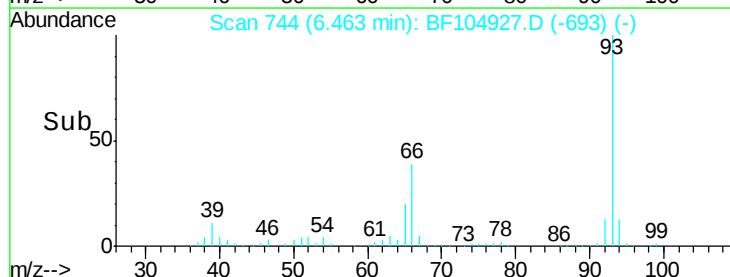
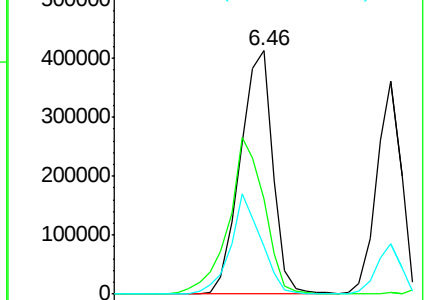
65 19.6 16.4 24.6

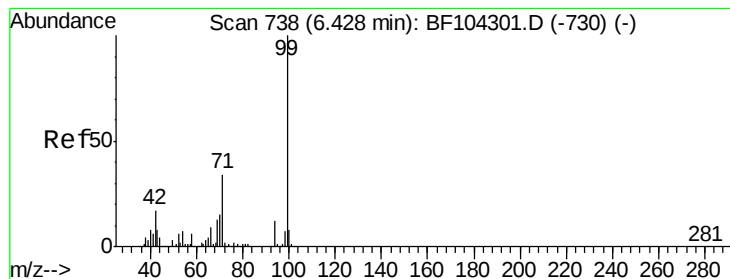


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.967 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampleId :

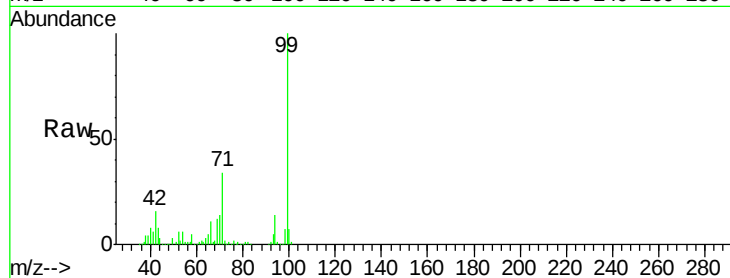
Tot Ion: 99 Resp: 774842

Ion Ratio Lower Upper

99 100

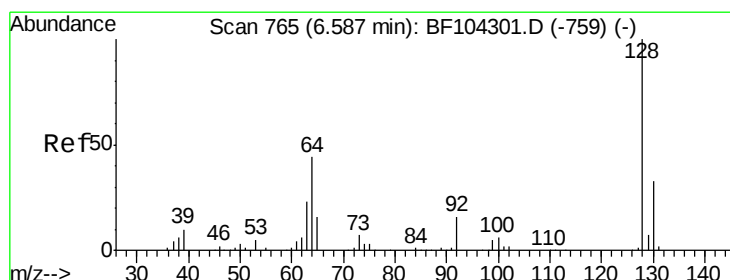
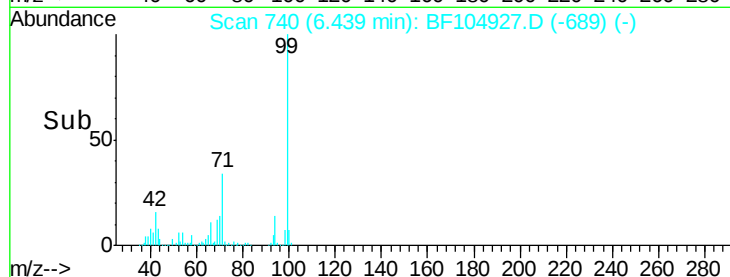
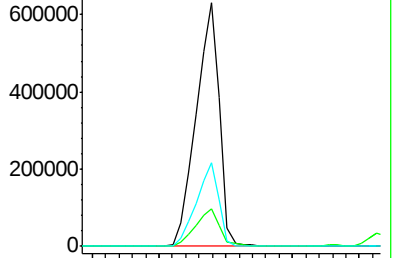
42 15.6 14.5 21.7

71 34.1 25.4 38.0



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

6.44



#8

2-Chlorophenol

Concen: 40.967 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

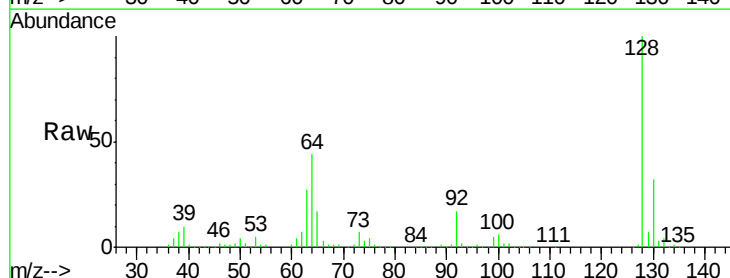
Tgt Ion: 128 Resp: 354281

Ion Ratio Lower Upper

128 100

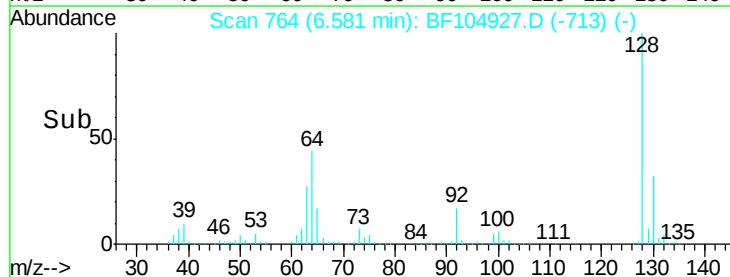
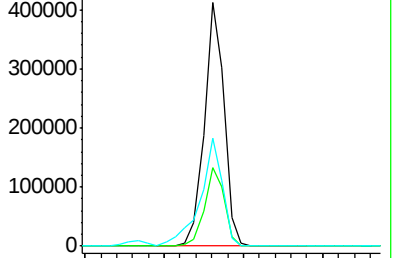
130 32.4 13.0 53.0

64 44.3 29.4 69.4



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

6.58

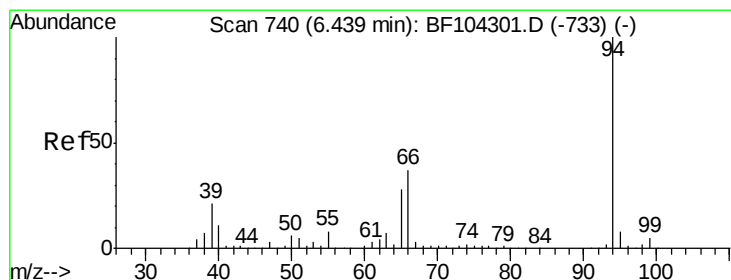
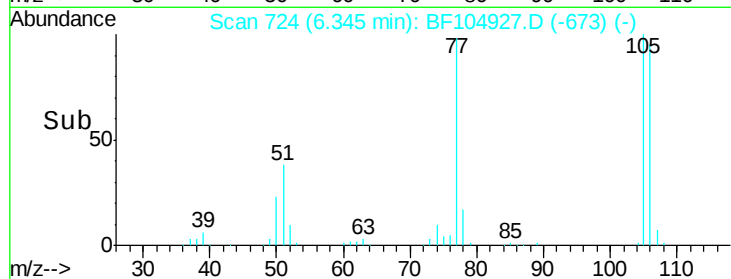
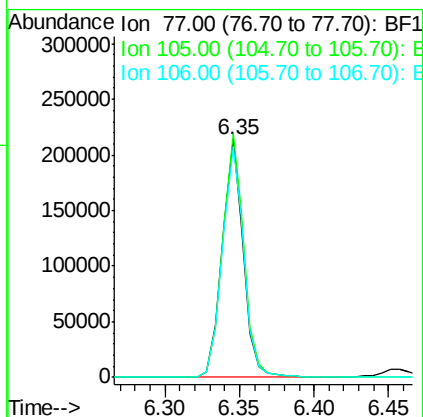
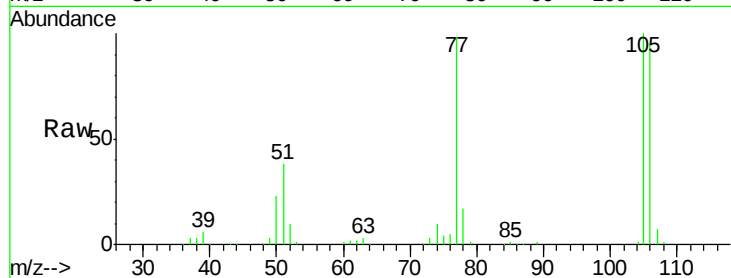




#9
Benzaldehyde
Concen: 43.199 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

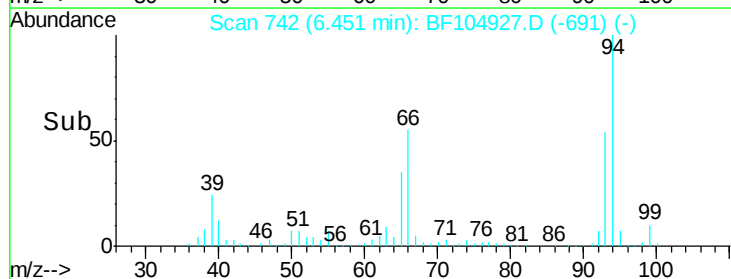
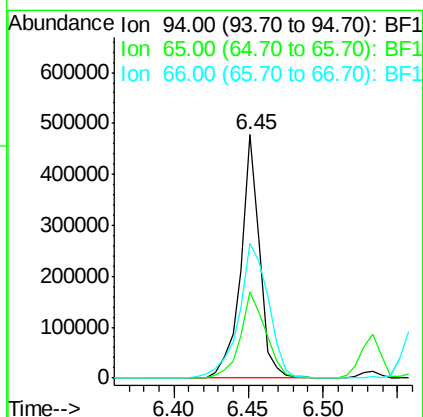
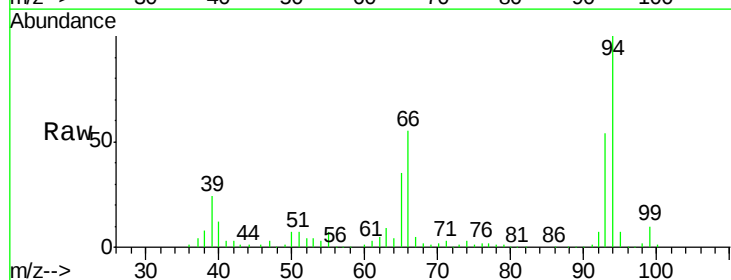
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 214241
Ion Ratio Lower Upper
77 100
105 102.1 81.1 121.1
106 96.6 74.5 114.5



#10
Phenol
Concen: 39.264 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Tgt Ion: 94 Resp: 419409
Ion Ratio Lower Upper
94 100
65 35.3 7.9 47.9
66 55.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.474 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampled :

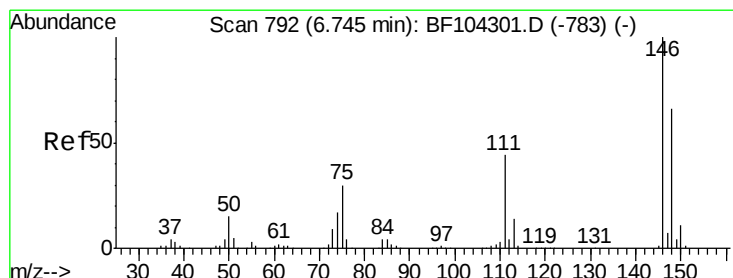
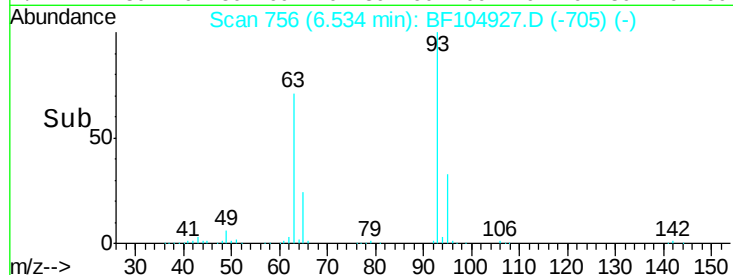
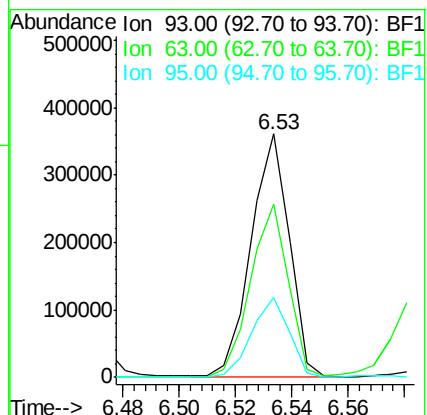
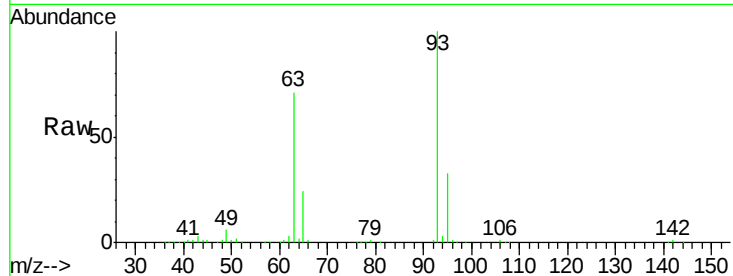
Tot Ion: 93 Resp: 336480

Ion Ratio Lower Upper

93 100

63 70.9 58.6 98.6

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.682 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

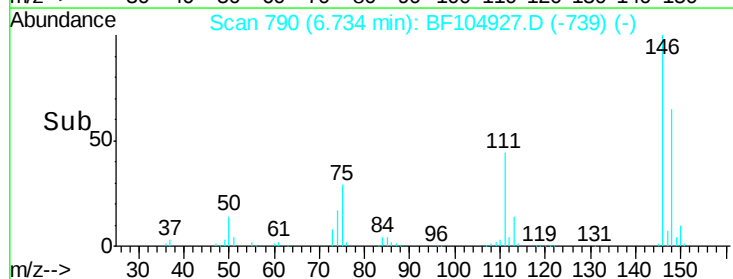
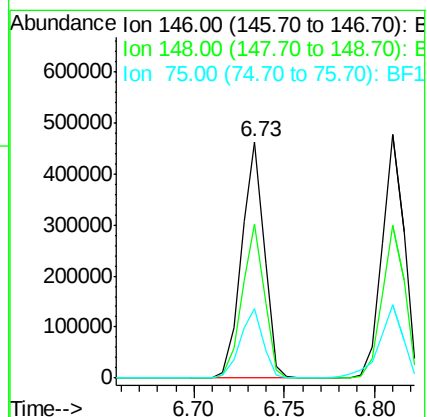
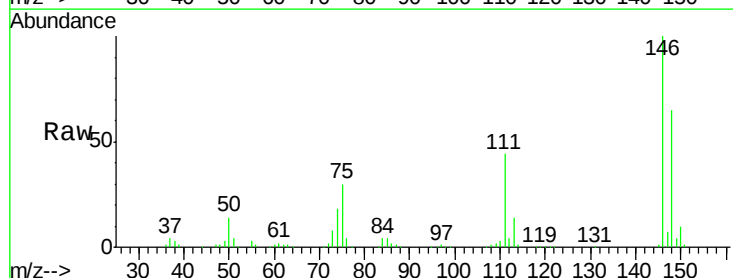
Tgt Ion: 146 Resp: 398574

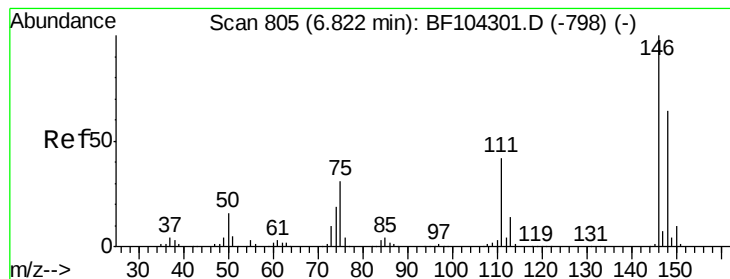
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

75 29.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.226 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampled :

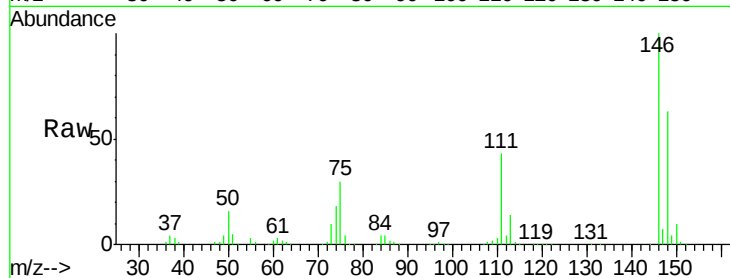
Tot Ion:146 Resp: 402622

Ion Ratio Lower Upper

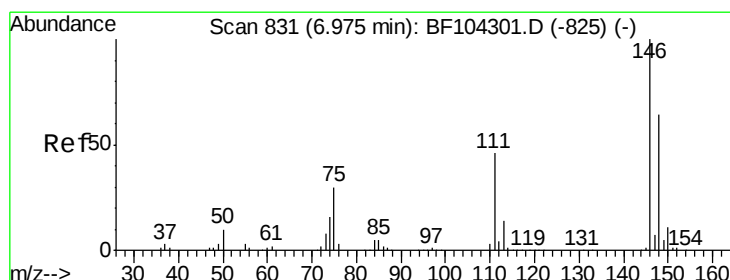
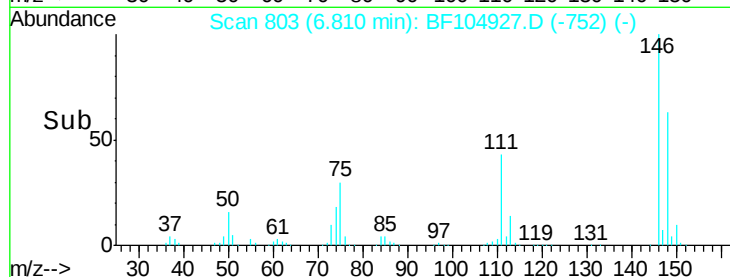
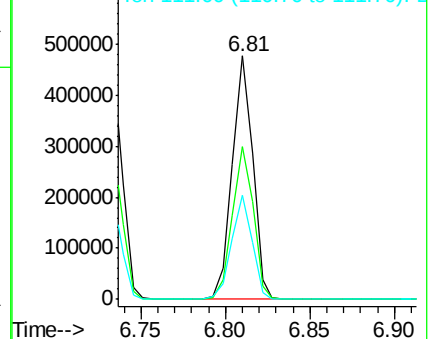
146 100

148 62.9 50.8 76.2

111 42.7 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: 40.929 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

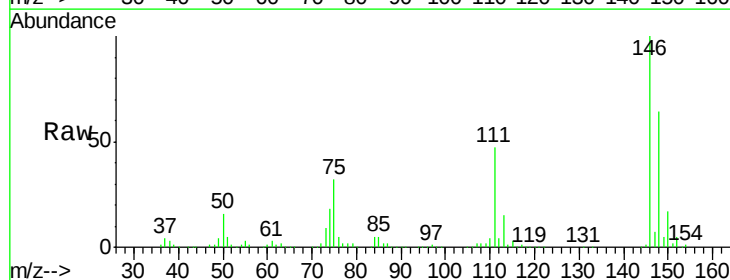
Tgt Ion:146 Resp: 370423

Ion Ratio Lower Upper

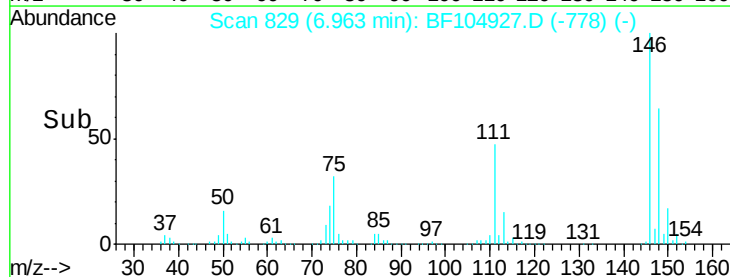
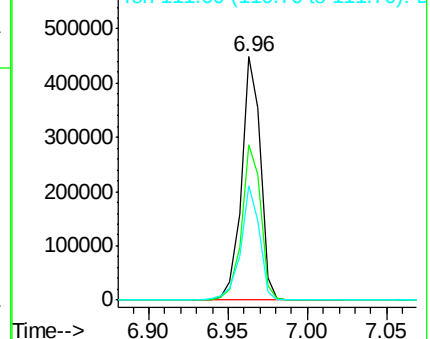
146 100

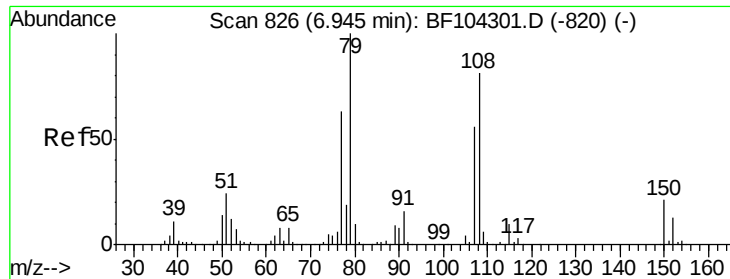
148 64.0 50.6 75.8

111 46.7 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

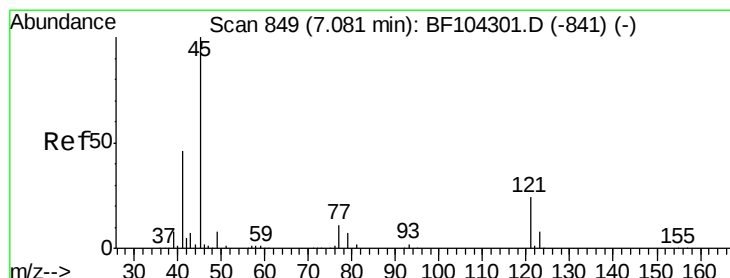
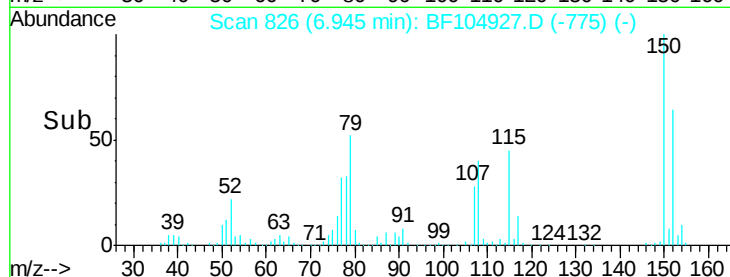
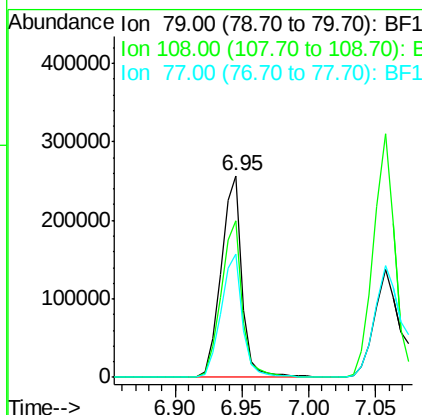
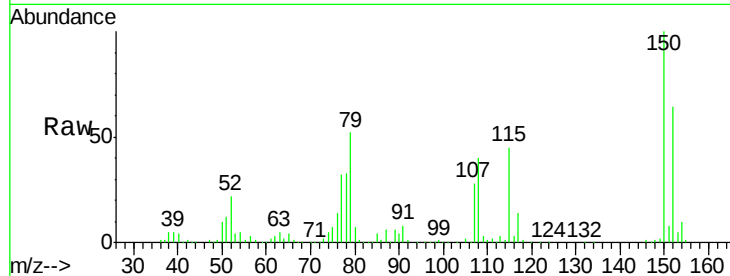




#15
Benzyl Alcohol
Concen: 37.131 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

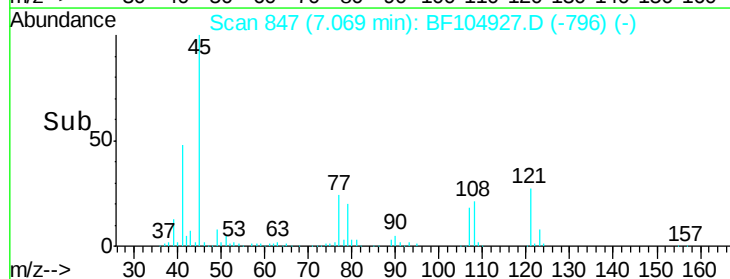
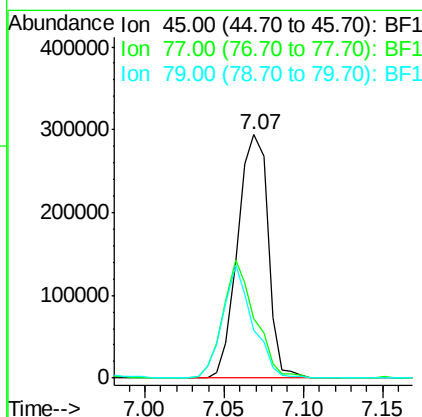
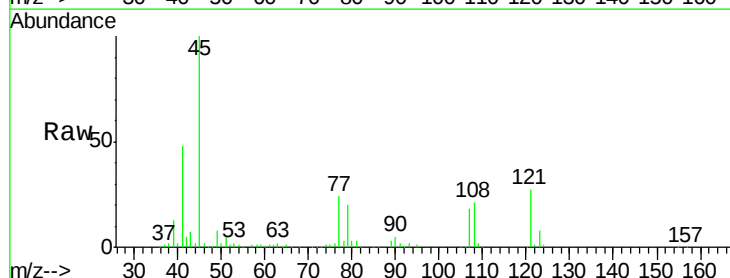
Instrument :
BNA_F
ClientSampleId :

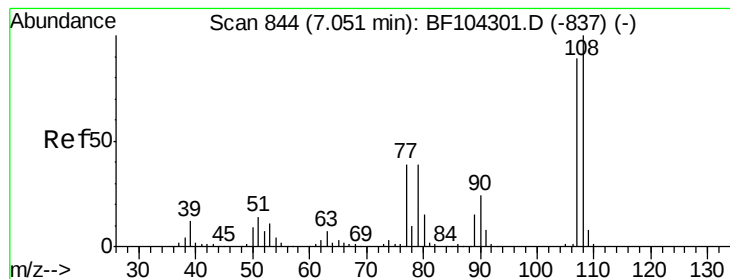
Tot Ion: 79 Resp: 283913
Ion Ratio Lower Upper
79 100
108 77.4 65.1 97.7
77 60.9 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.093 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Tgt Ion: 45 Resp: 390282
Ion Ratio Lower Upper
45 100
77 24.3 0.0 32.9
79 19.6 0.0 29.6

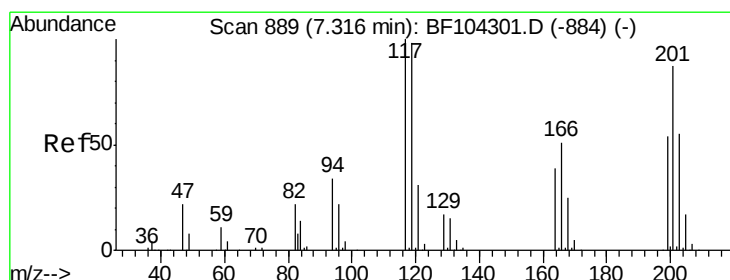
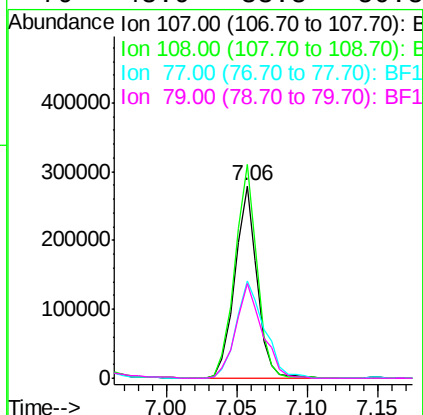
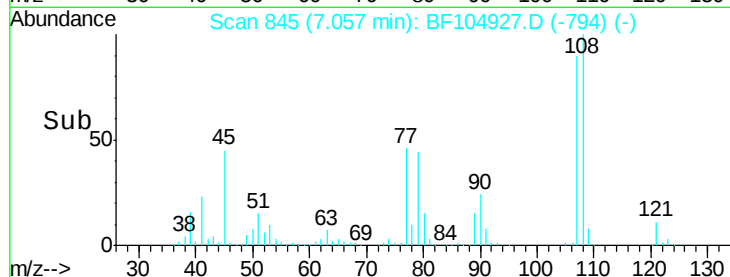
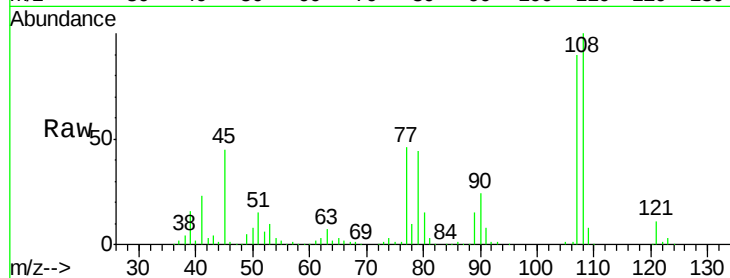




#17
2-Methylphenol
Concen: 40.184 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

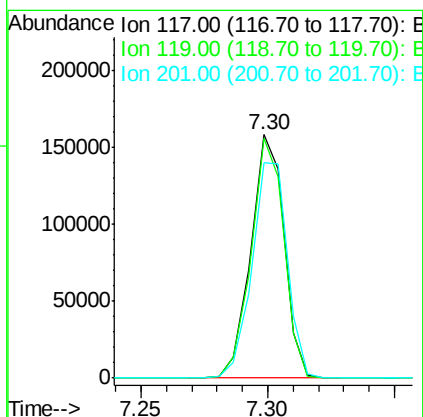
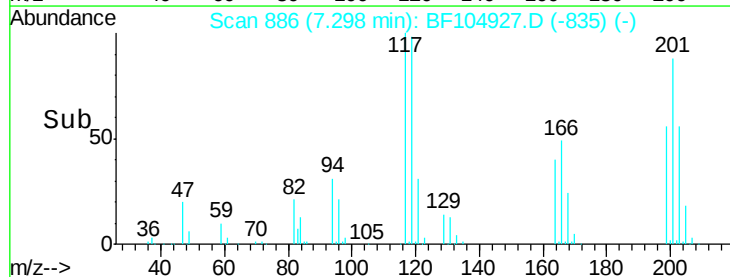
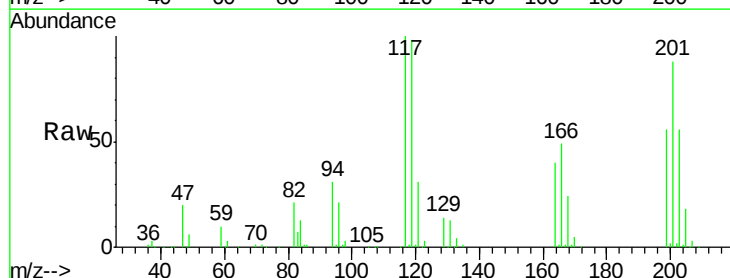
Instrument :
BNA_F
ClientSampleId :

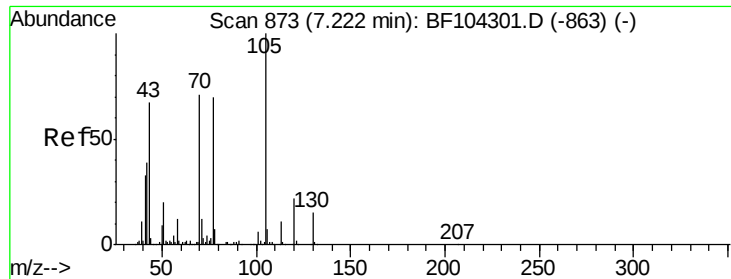
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	91.7	137.5
77	50.9	33.8	50.8
79	48.9	33.8	50.8



#18
Hexachloroethane
Concen: 41.663 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.8	113.8
201	88.3	75.7	113.5

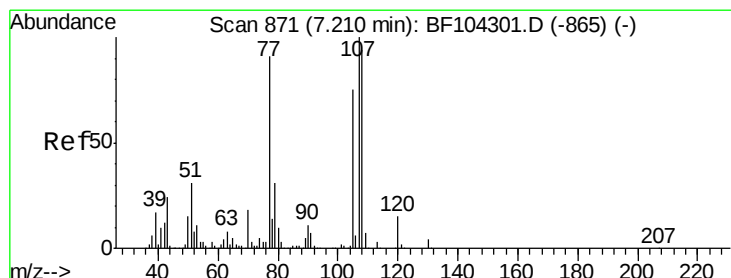
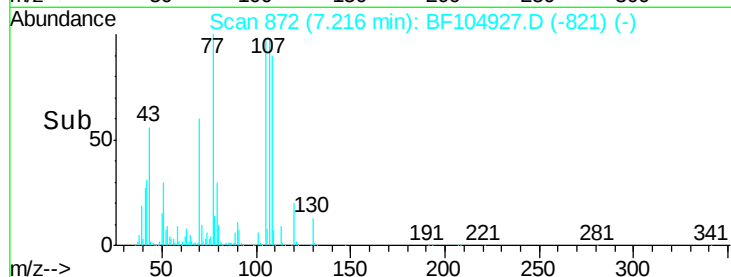
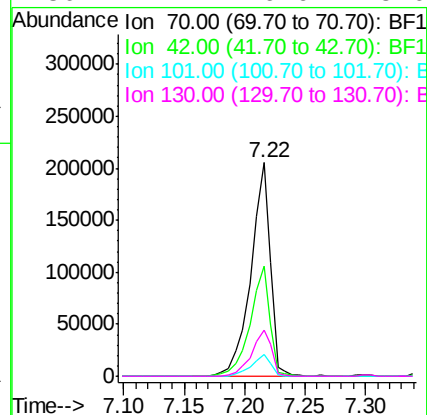
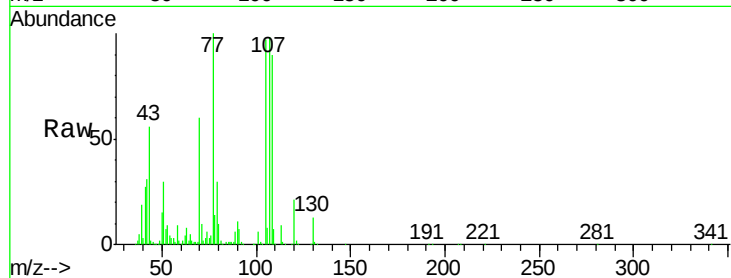




#19
n-Nitroso-di-n-propylamine
Concen: 35.372 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

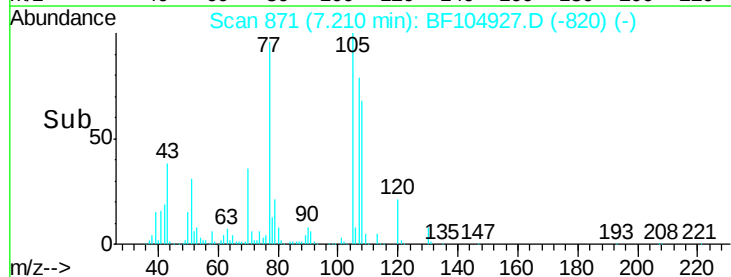
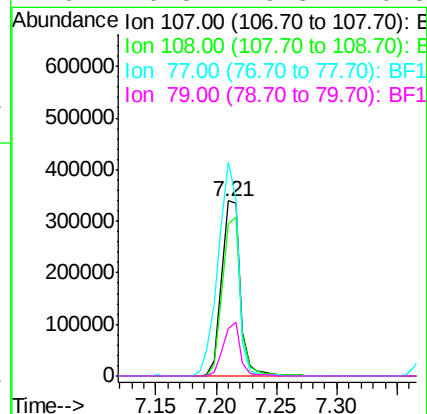
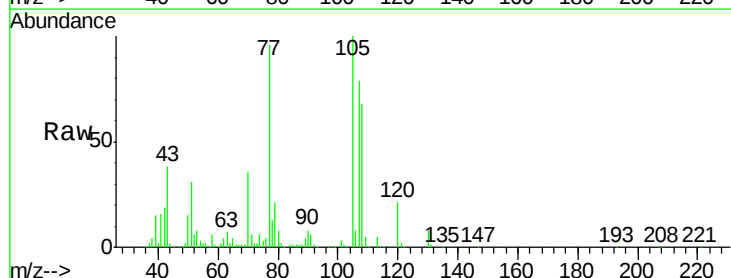
Instrument :
BNA_F
ClientSampleId :

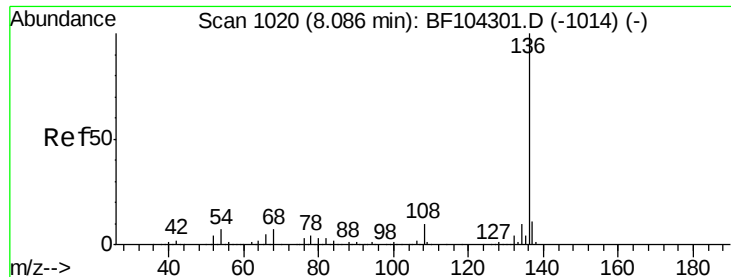
Tot Ion: 70 Resp: 232694
Ion Ratio Lower Upper
70 100
42 51.8 47.5 71.3
101 10.2 7.4 11.2
130 21.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.672 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Tgt Ion:107 Resp: 360551
Ion Ratio Lower Upper
107 100
108 86.7 68.2 108.2
77 122.0 26.7 66.7#
79 26.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 535690

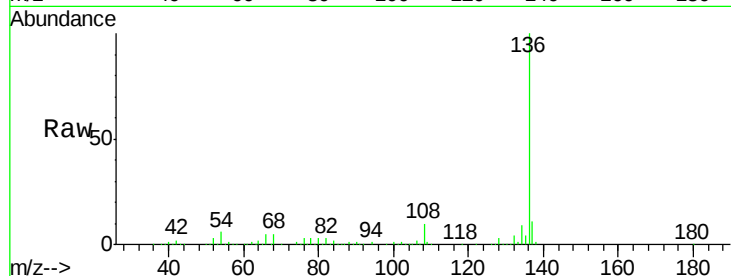
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.0 6.6 9.8#

68 5.3 5.0 7.4

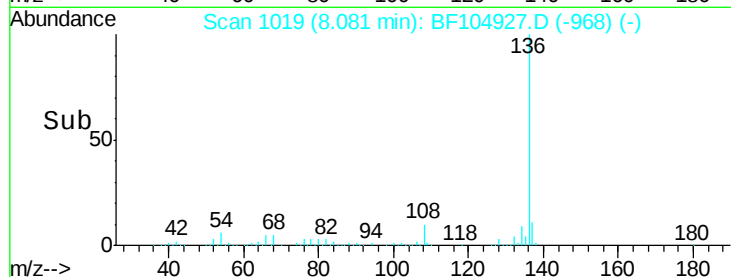


Abundance Ion 136.00 (135.70 to 136.70): E

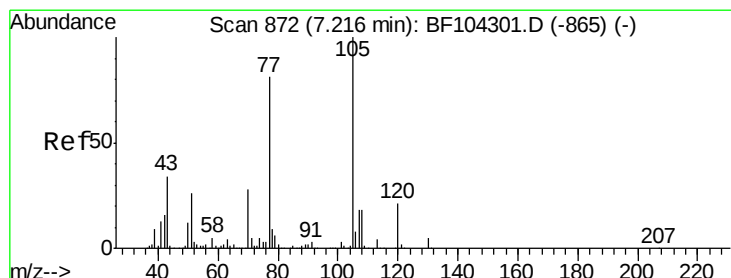
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.00 8.05 8.10 8.15



#22

Acetophenone

Concen: 37.451 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Tgt Ion:105 Resp: 493923

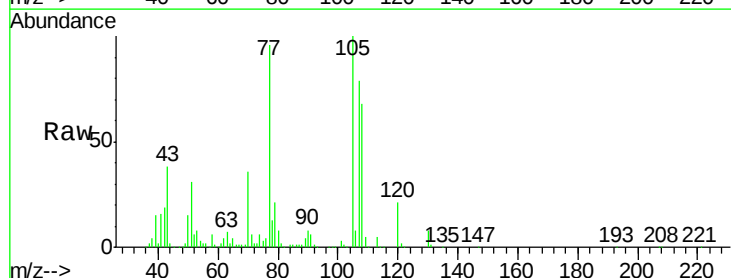
Ion Ratio Lower Upper

105 100

71 5.7 4.4 6.6

51 30.6 22.3 33.5

120 20.7 16.9 25.3

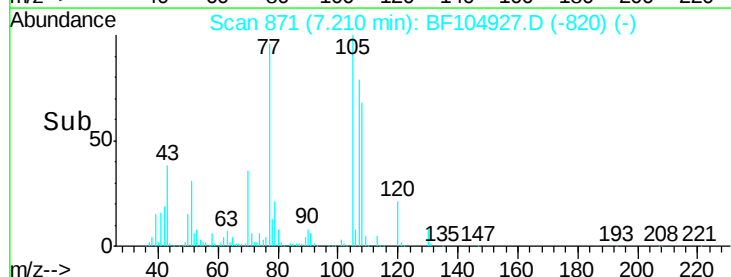


Abundance Ion 105.00 (104.70 to 105.70): E

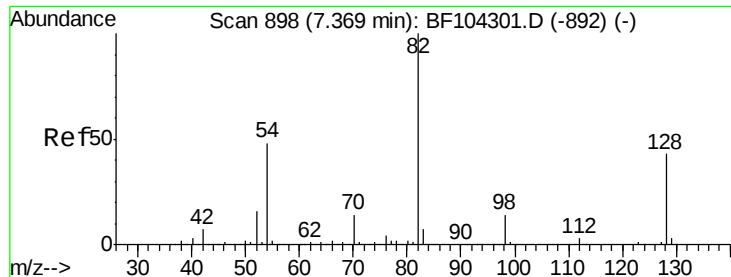
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



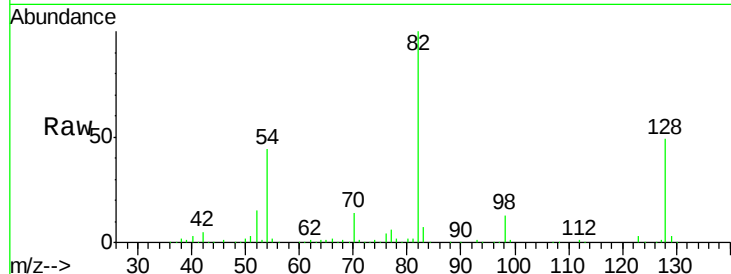
Time--> 7.15 7.20 7.25 7.30



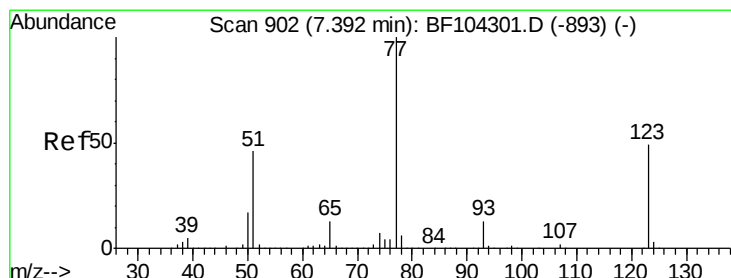
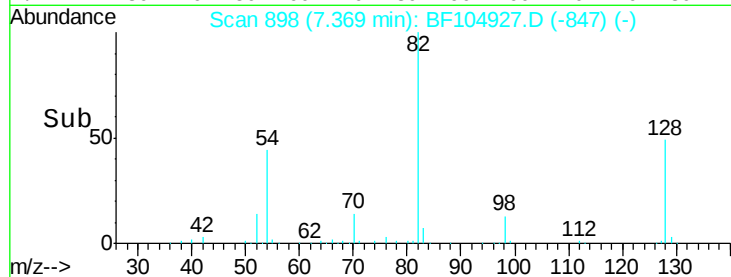
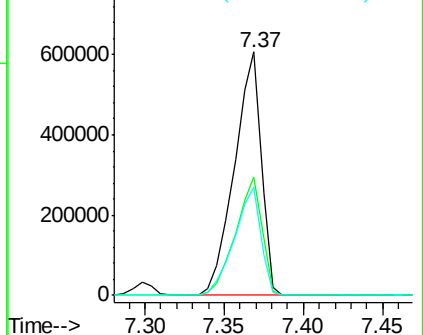
#23
 Nitrobenzene-d5
 Concen: 86.729 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	711508
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	48.6		
54	44.1		
	41.4		
	62.2		

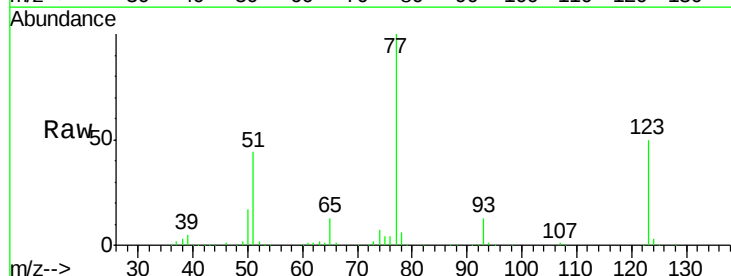


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

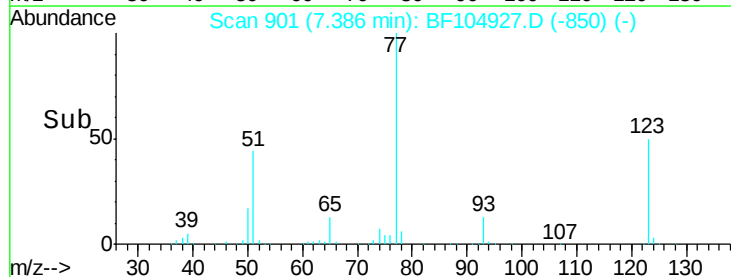
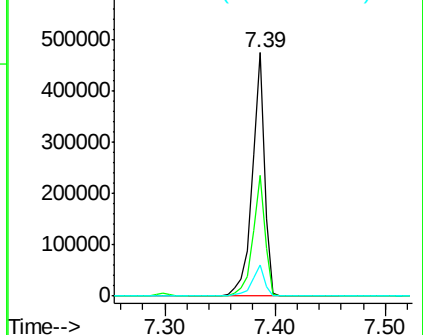


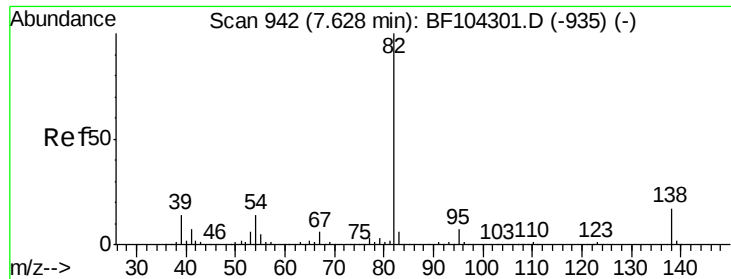
#24
 Nitrobenzene
 Concen: 41.224 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Tgt Ion	77	Resp	373382
Ion Ratio	100		
Lower	37.9		
Upper	56.9		
123	49.8		
65	13.0		
	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: 37.323 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampleId :

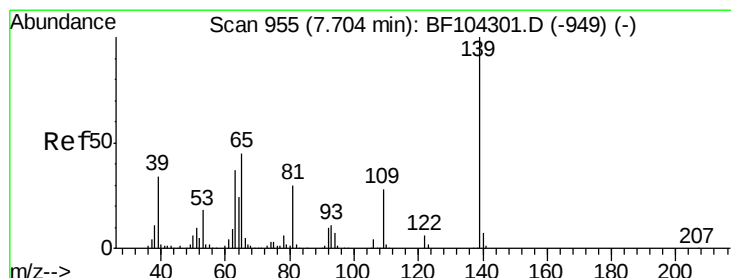
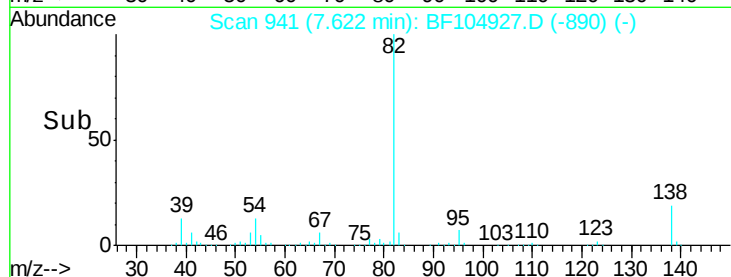
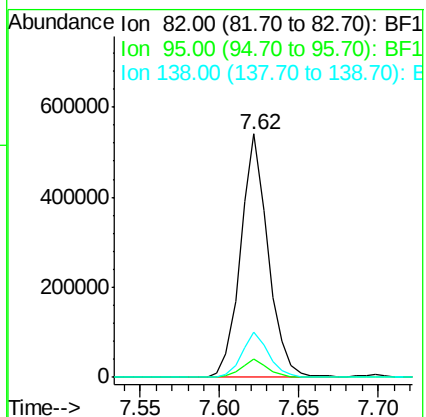
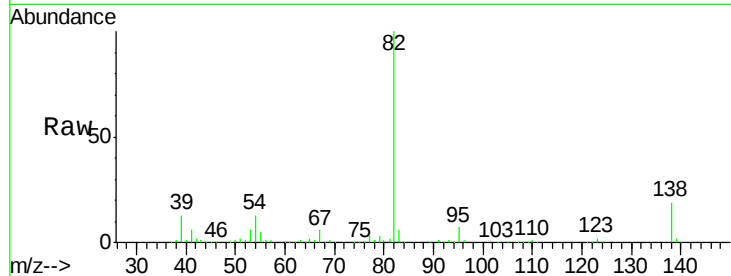
Tot Ion: 82 Resp: 647476

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 54.450 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

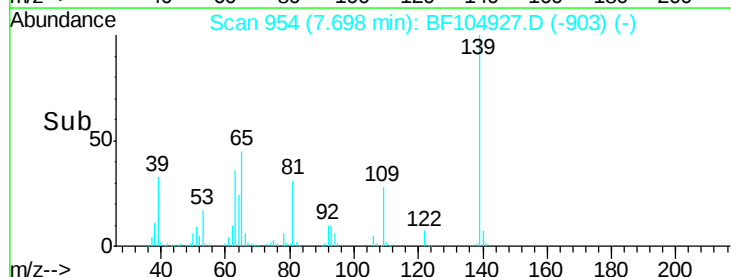
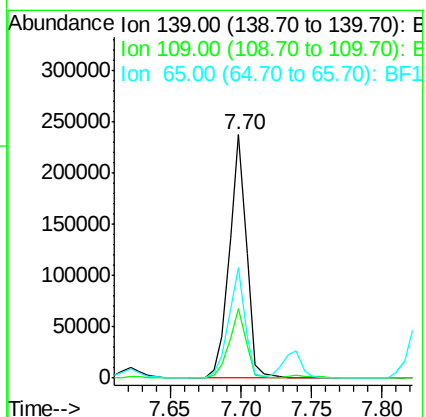
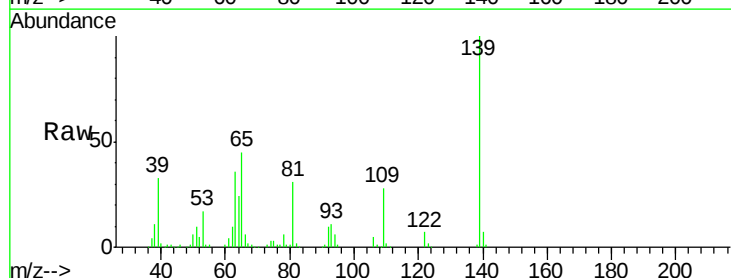
Tgt Ion: 139 Resp: 200775

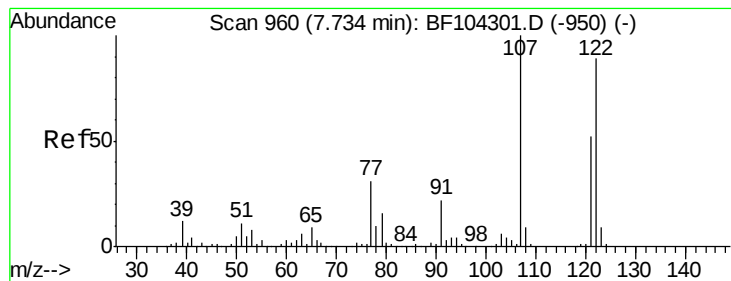
Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

65 45.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.834 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampled :

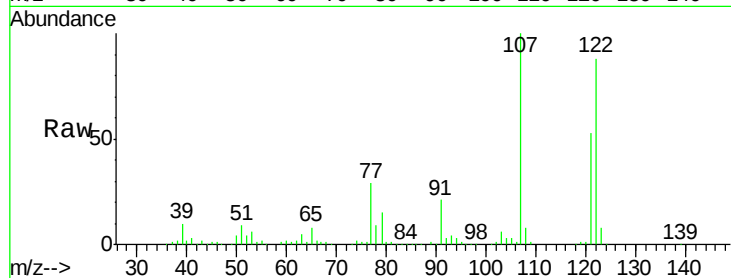
Tot Ion:122 Resp: 282010

Ion Ratio Lower Upper

122 100

107 113.4 91.2 136.8

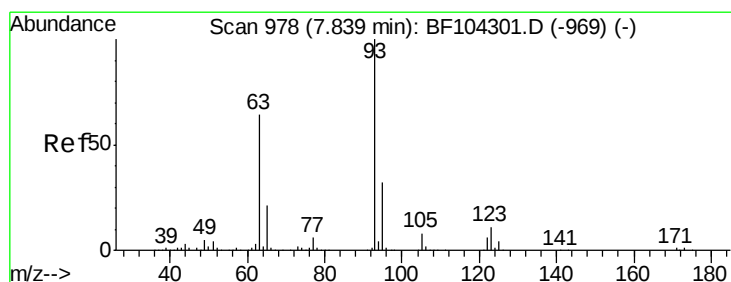
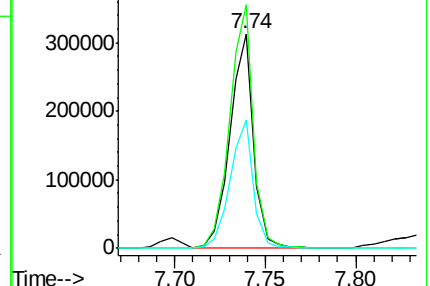
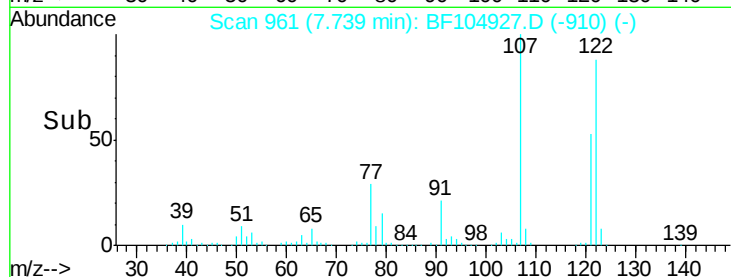
121 60.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.034 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

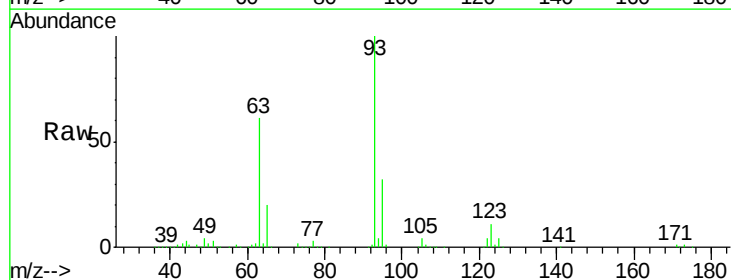
Tgt Ion: 93 Resp: 403422

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

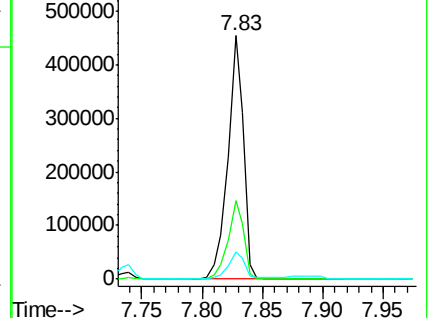
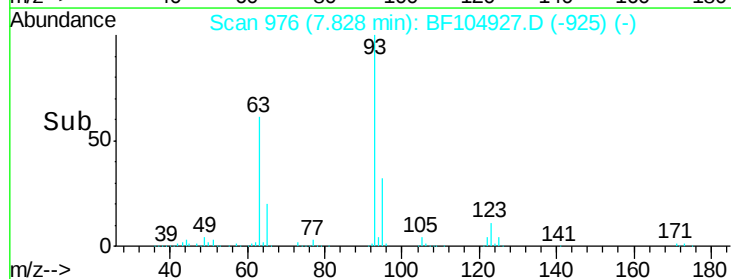
123 11.0 9.8 14.6

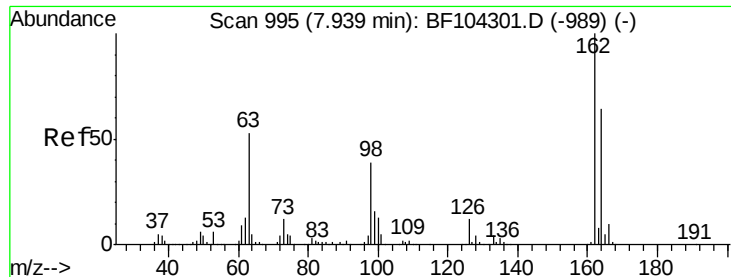


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

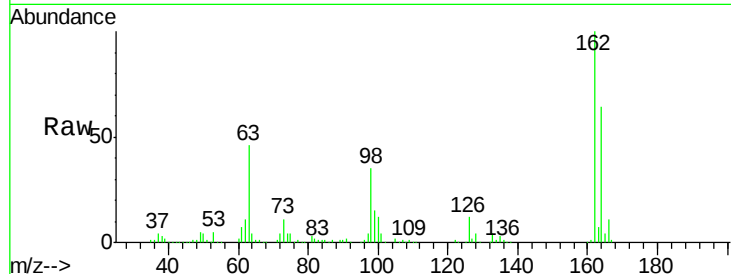




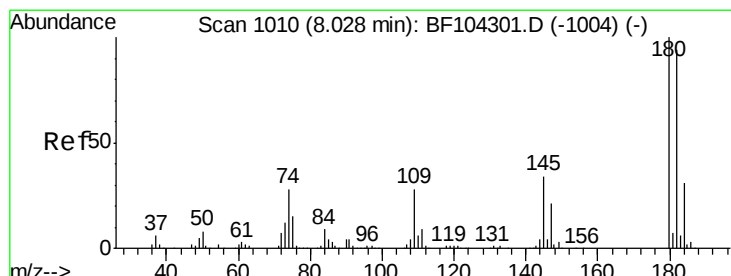
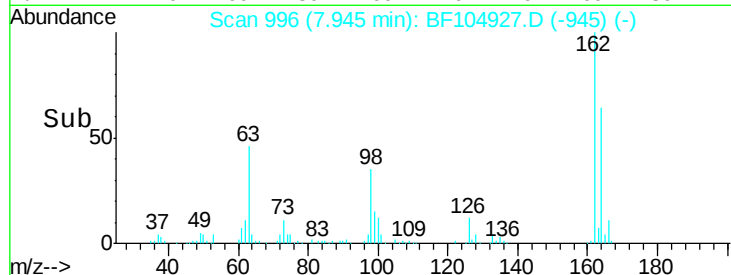
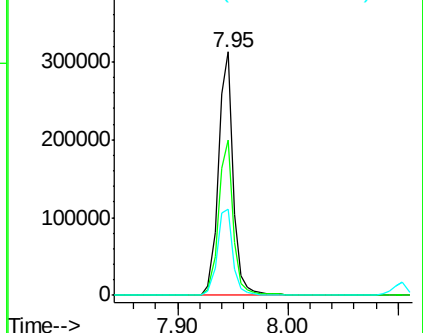
#29
2,4-Dichlorophenol
Concen: 40.027 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	35.4	18.1	58.1

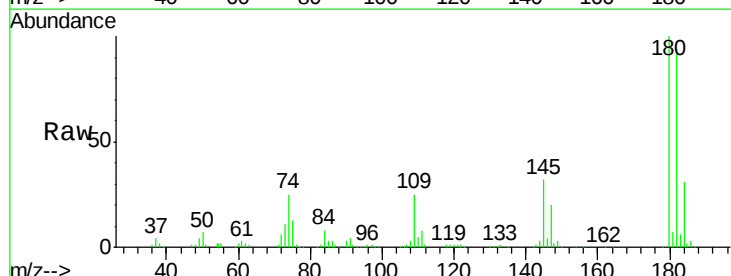


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

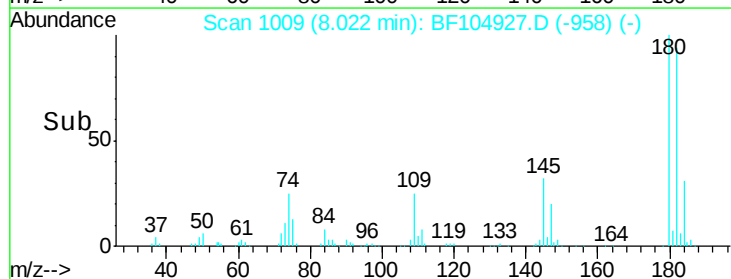
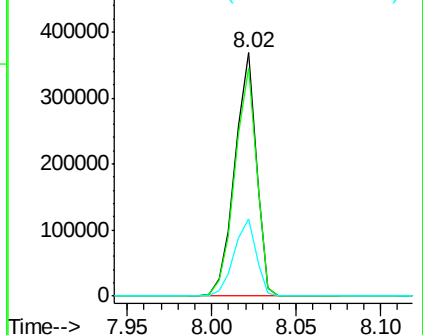


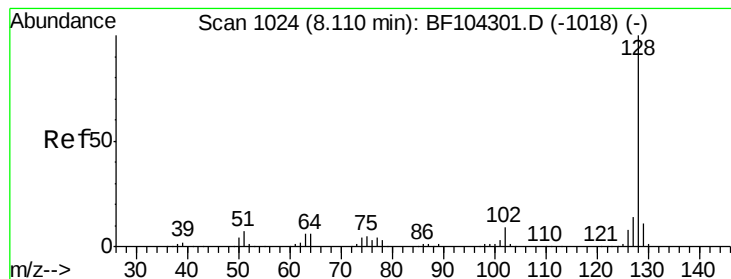
#30
1,2,4-Trichlorobenzene
Concen: 40.666 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.8	115.2
145	31.6	26.5	39.7



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





#31

Naphthalene

Concen: 38.842 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampleId :

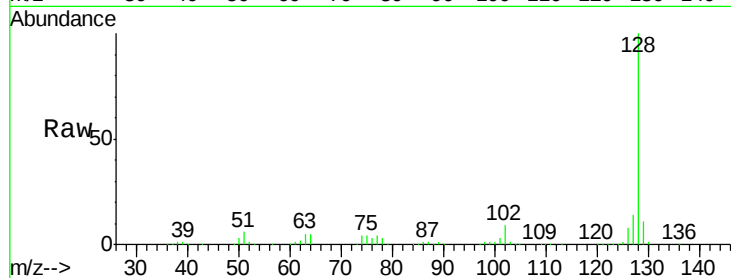
Tot Ion:128 Resp: 1036083

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

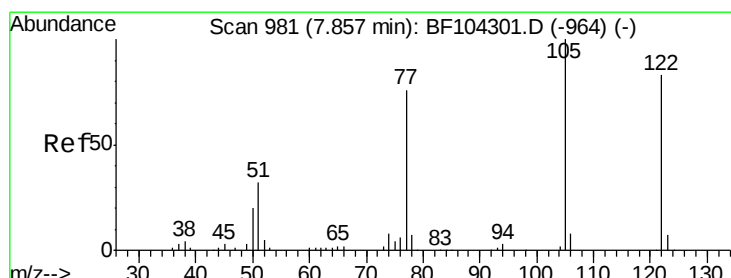
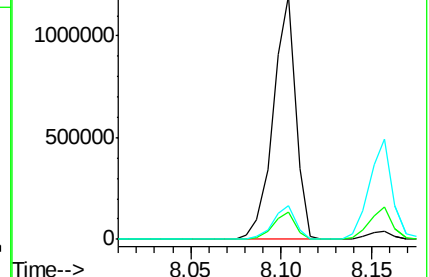
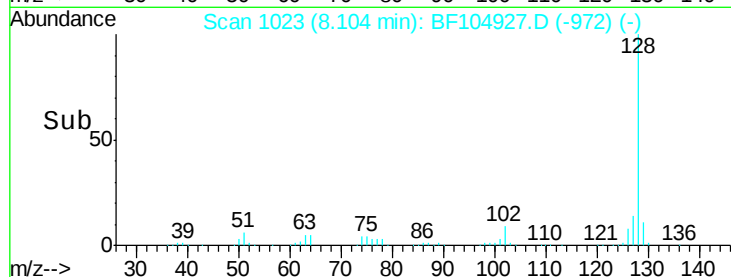
127 13.7 10.9 16.3



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: 37.335 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

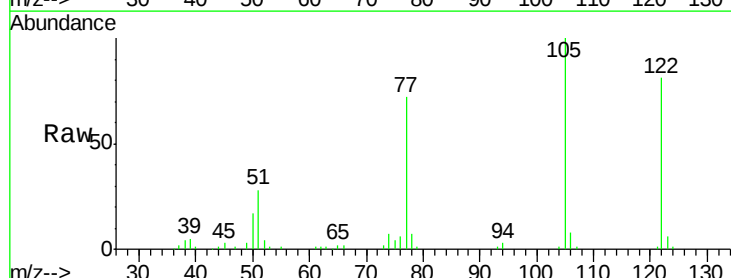
Tgt Ion:122 Resp: 228071

Ion Ratio Lower Upper

122 100

105 123.0 101.1 141.1

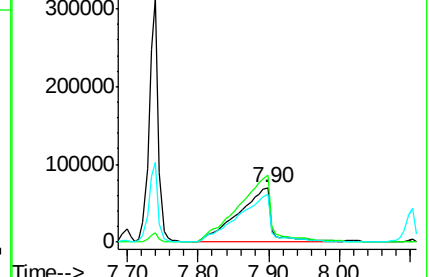
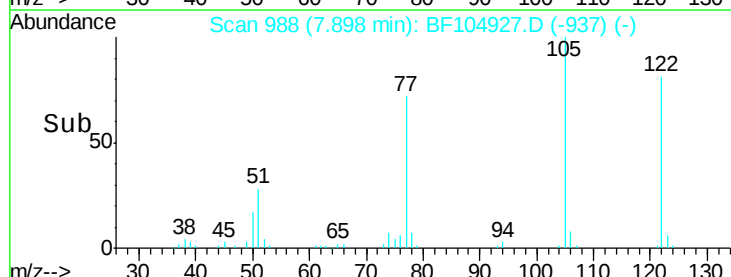
77 88.4 70.7 110.7

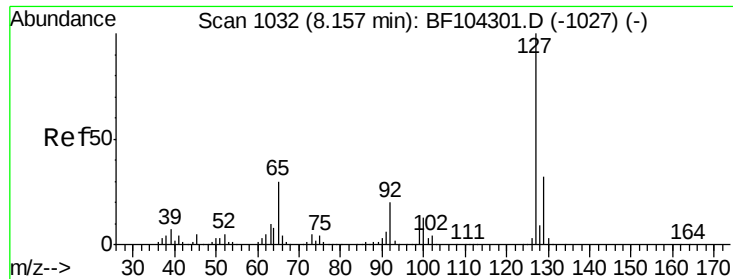


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

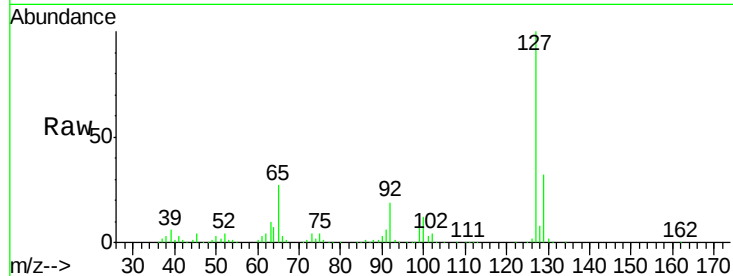




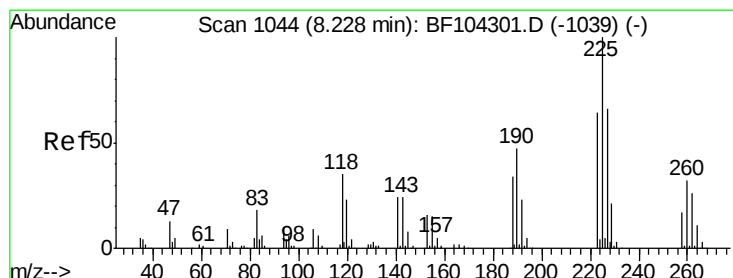
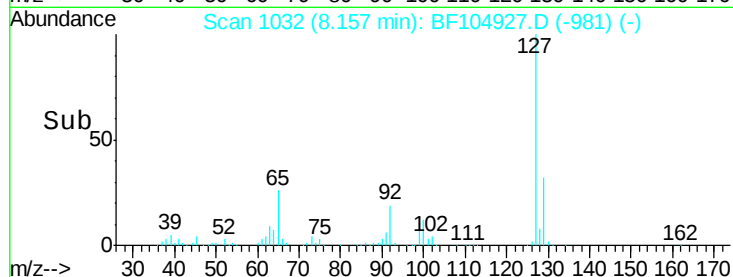
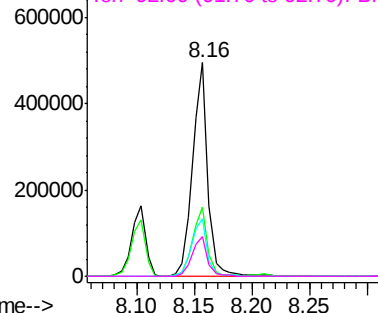
#33
4-Chloroaniline
Concen: 39.272 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	448793
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	26.7	25.0	37.4
92	18.8	15.2	22.8

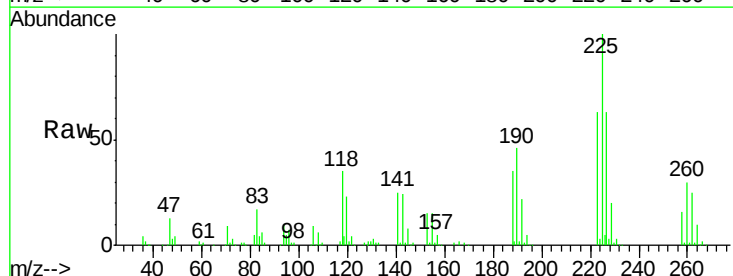


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

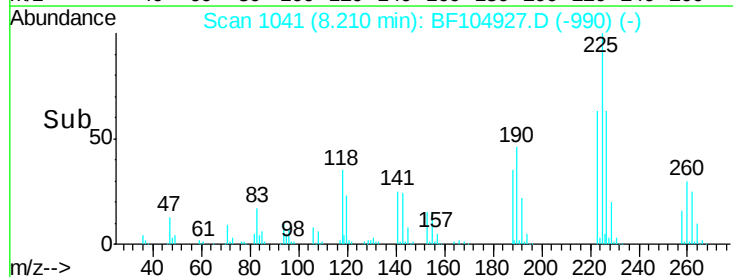
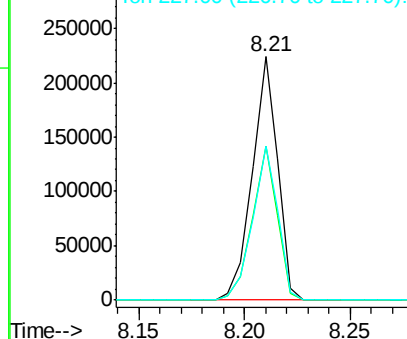


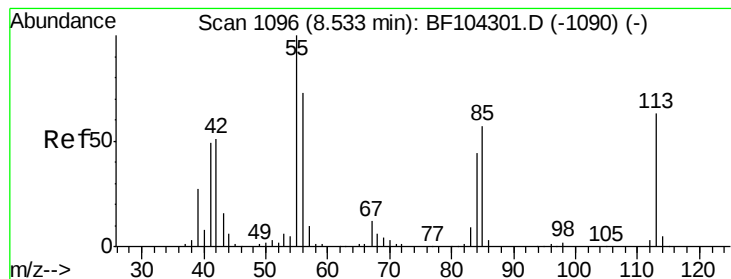
#34
Hexachlorobutadiene
Concen: 42.485 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Tgt Ion:	225	Resp:	186564
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.1	51.9	77.9



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





#35

Caprolactam

Concen: 38.102 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampled :

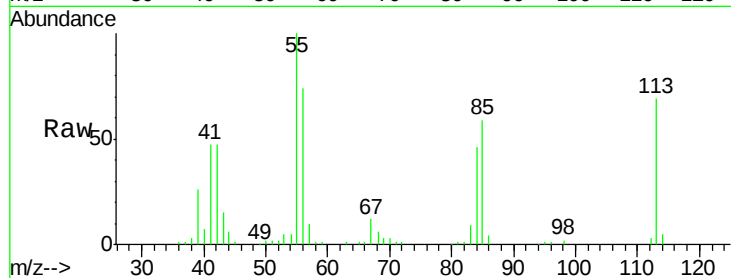
Tot Ion:113 Resp: 97100

Ion Ratio Lower Upper

113 100

55 144.1 163.3 203.3#

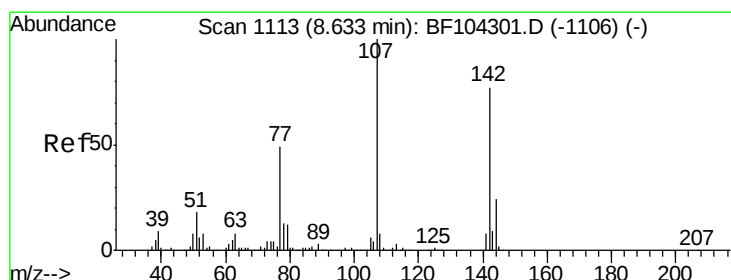
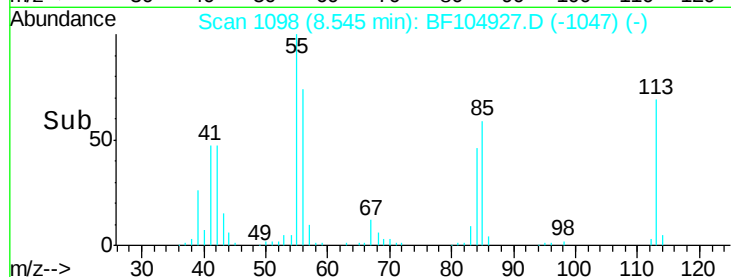
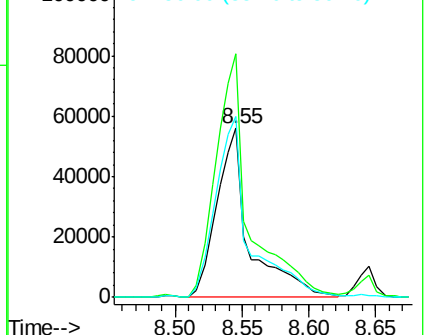
56 107.0 115.7 155.7#



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: 39.828 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

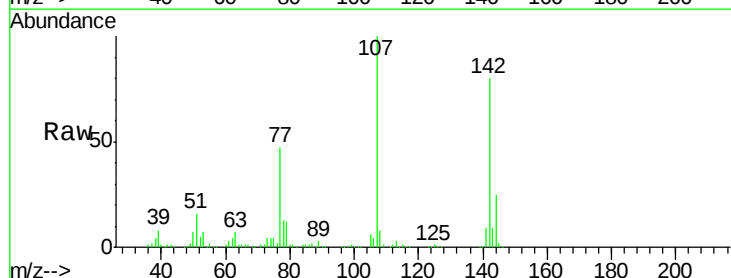
Tgt Ion:107 Resp: 311975

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

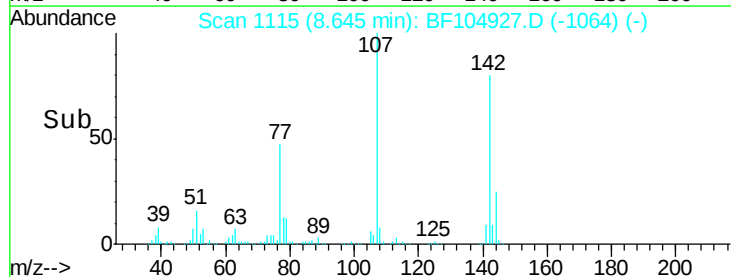
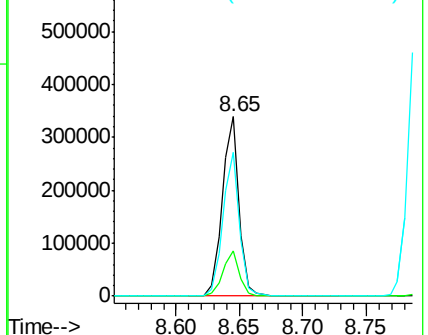
142 80.3 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

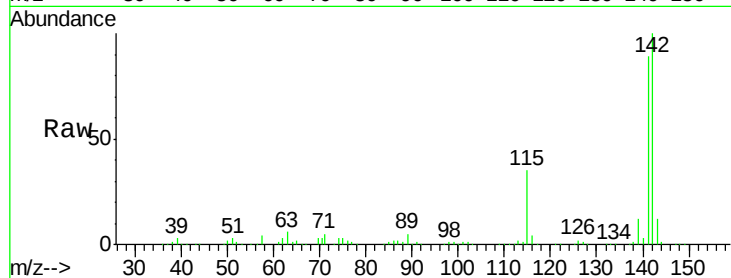




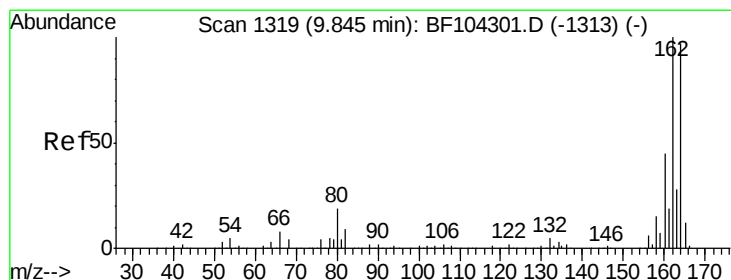
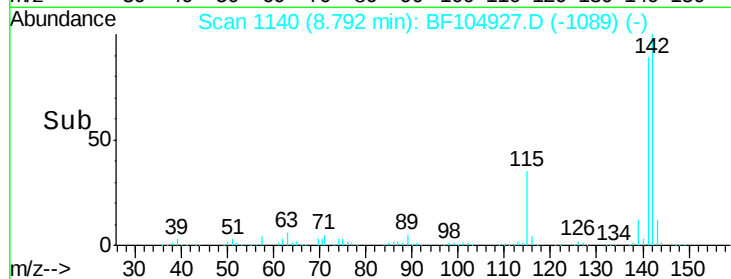
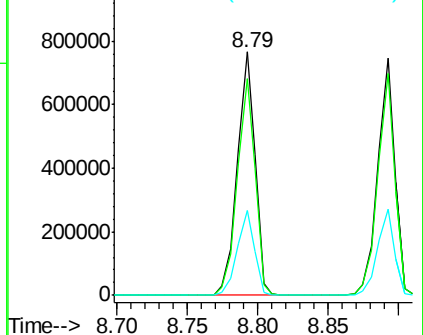
#37
2-Methylnaphthalene
Concen: 38.843 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 670203
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
115 34.7 26.1 39.1

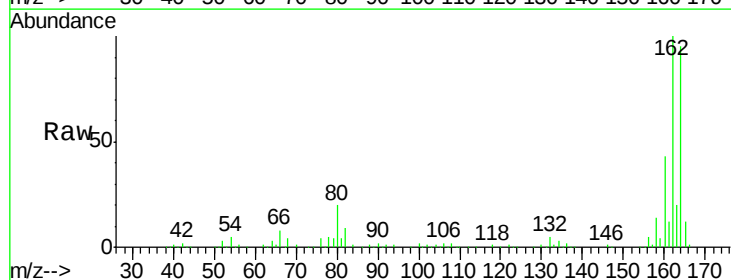


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

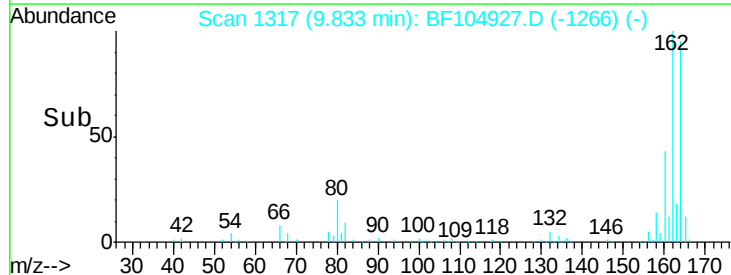
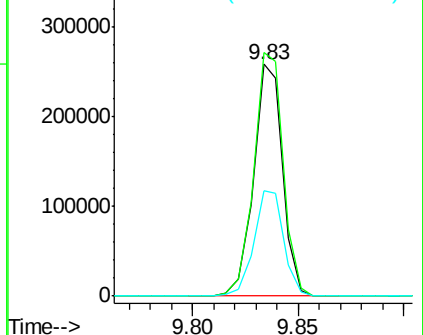


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Tgt Ion:164 Resp: 245771
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 45.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

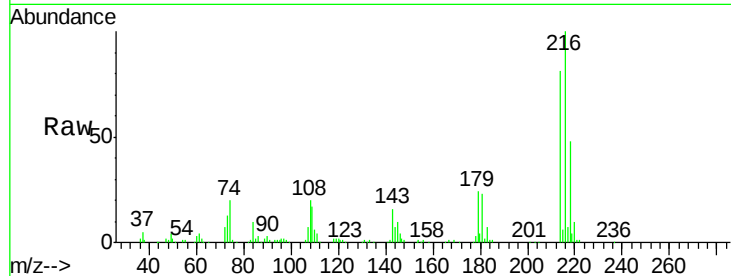




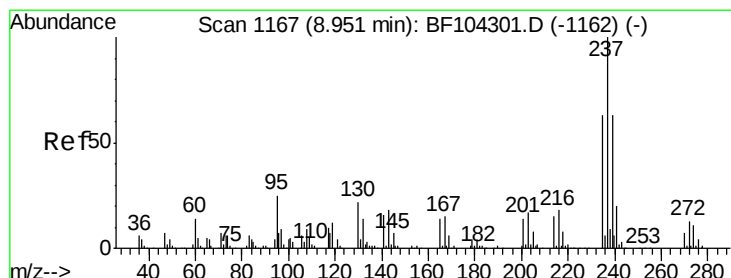
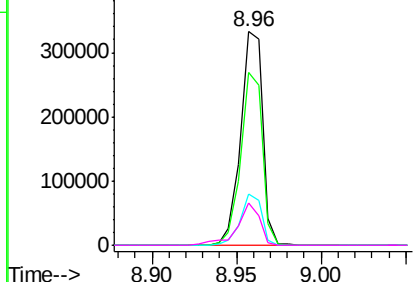
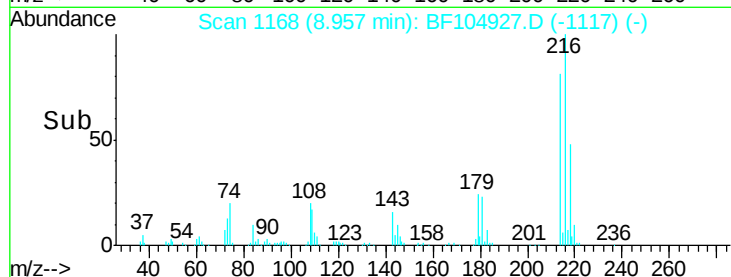
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.103 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	303243
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	22.8	18.1	27.1
108	20.2	17.2	25.8

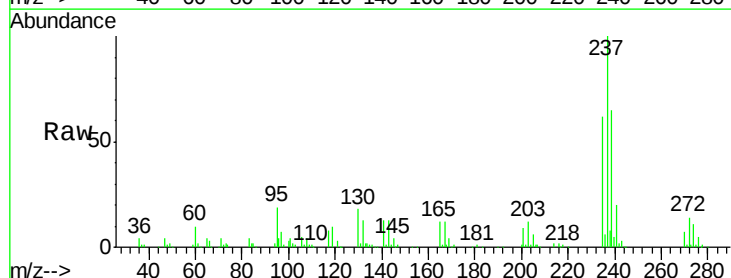


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

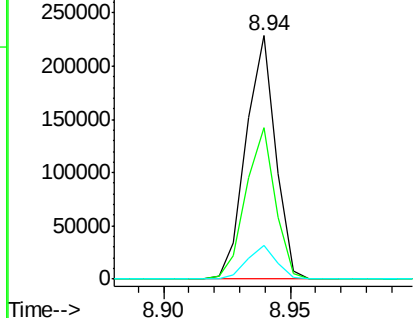
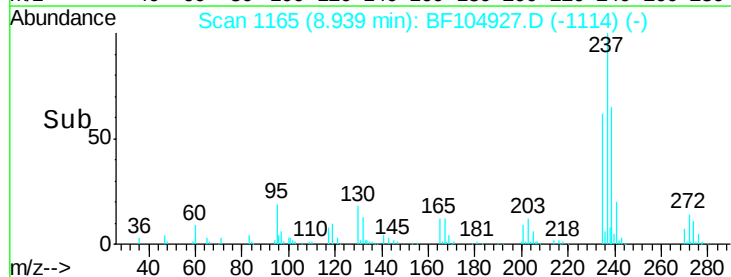


#40
 Hexachlorocyclopentadiene
 Concen: 46.952 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Tgt Ion:	237	Resp:	184927
Ion	Ratio	Lower	Upper
237	100		
235	62.2	44.8	84.8
272	13.8	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

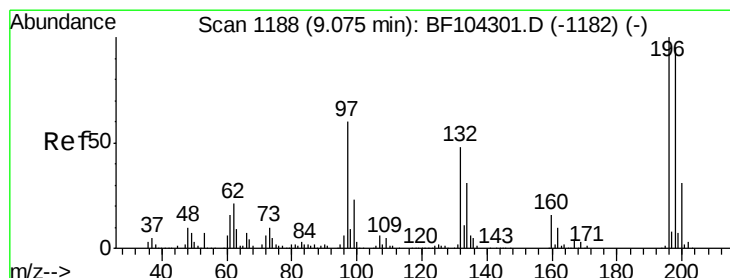
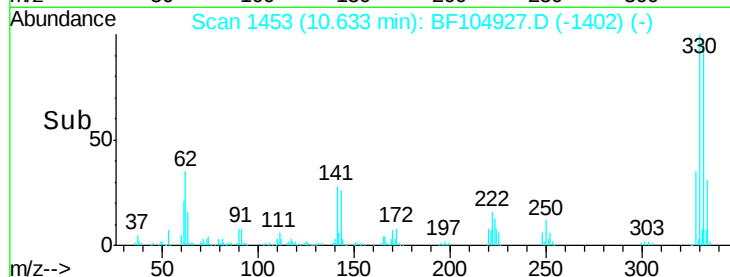
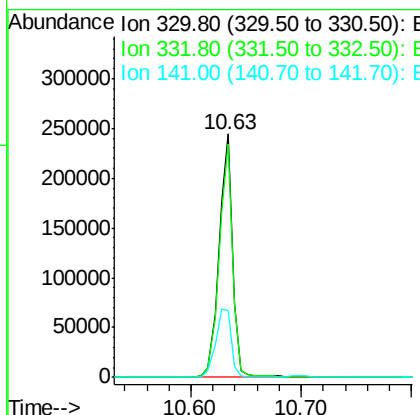
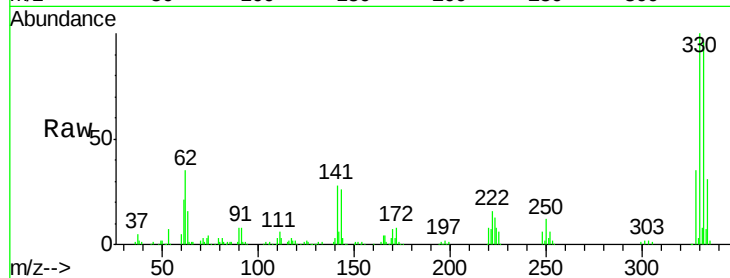




#41
 2,4,6-Tribromophenol
 Concen: 82.091 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

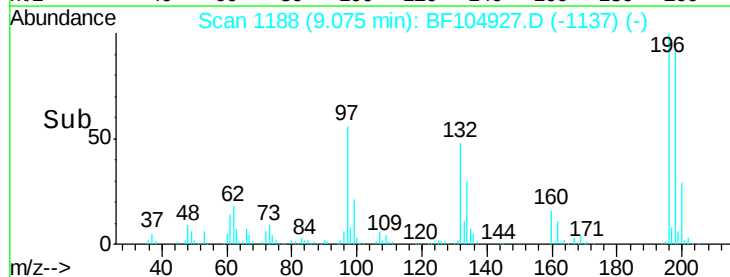
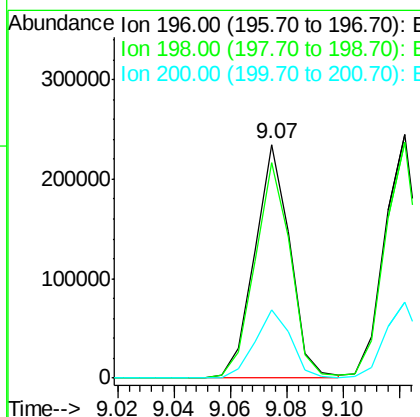
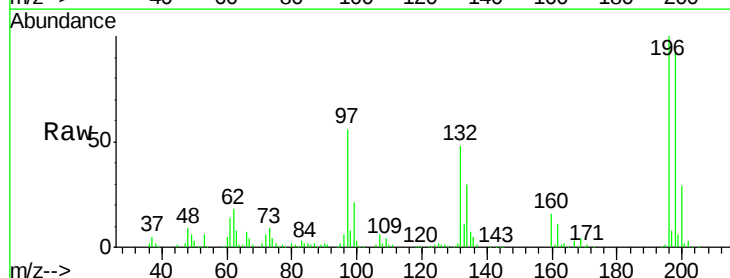
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	Resp	209287
Ion Ratio	100		
Lower	77.0		
Upper	115.6		
332	95.2		
141	32.3		
	29.9		



#42
 2,4,6-Trichlorophenol
 Concen: 41.475 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Tgt Ion	196	Resp	202560
Ion Ratio	100		
Lower	75.7		
Upper	113.5		
198	92.2		
200	29.3		
	24.5		

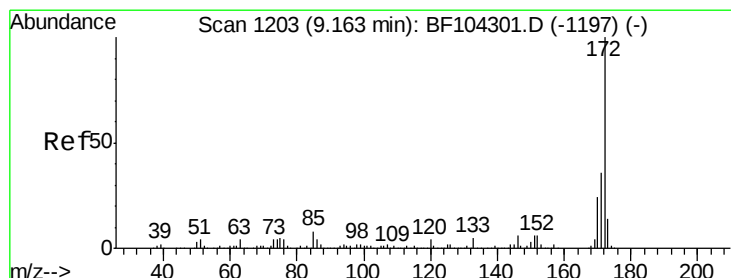
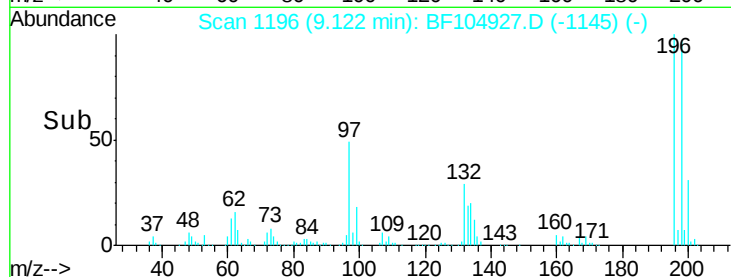
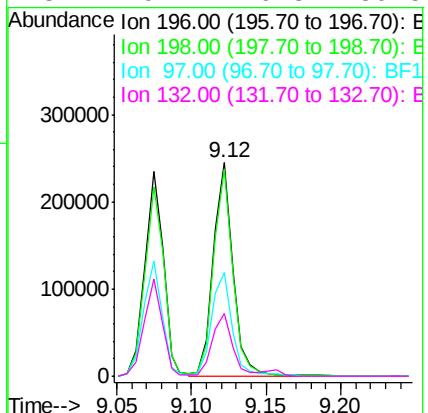
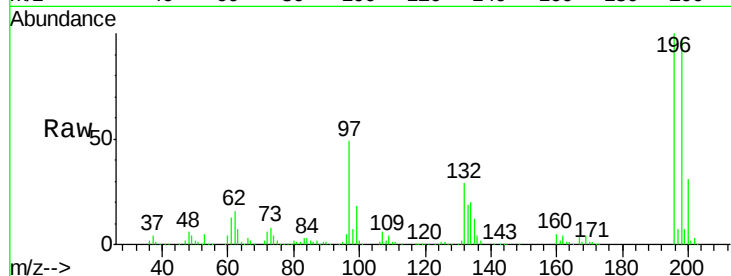




#43
2,4,5-Trichlorophenol
Concen: 41.206 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

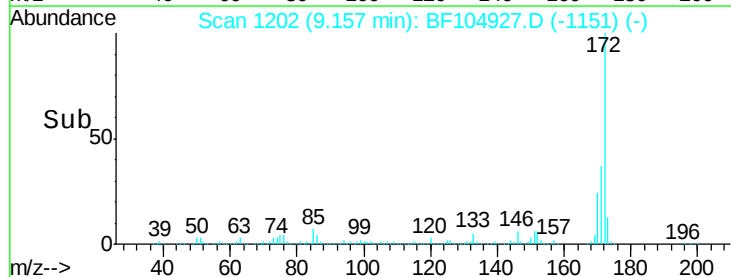
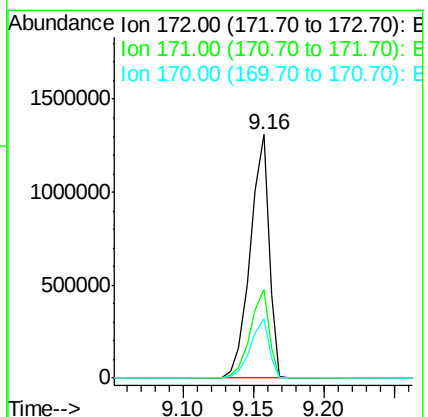
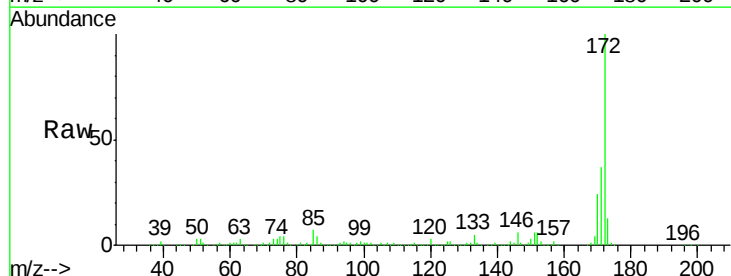
Instrument :
BNA_F
ClientSampled :

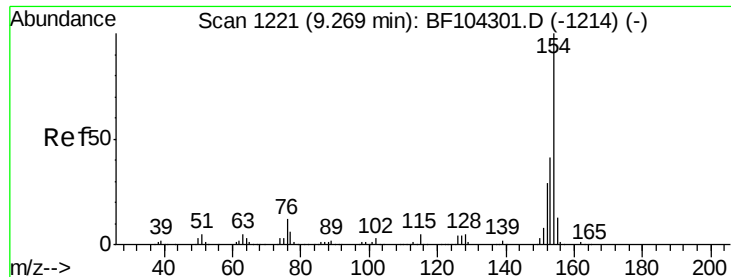
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	74.6	112.0
97	48.8	42.9	64.3
132	29.2	26.3	39.5



#44
2-Fluorobiphenyl
Concen: 79.305 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.1	19.6	29.4

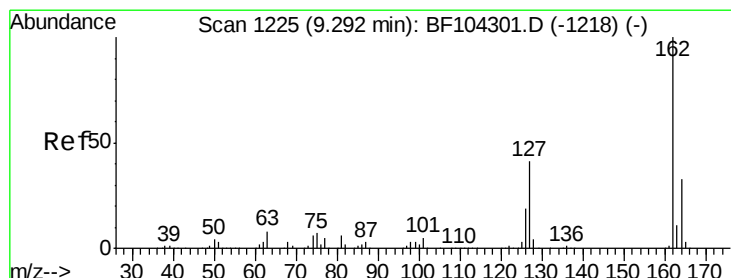
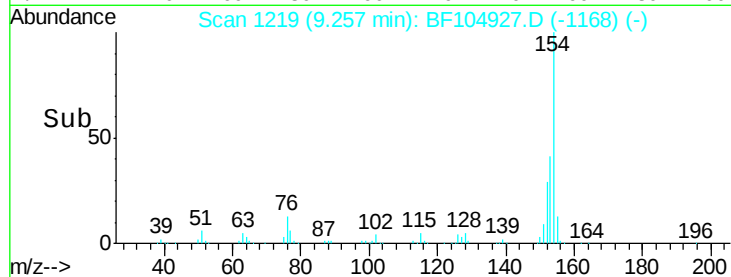
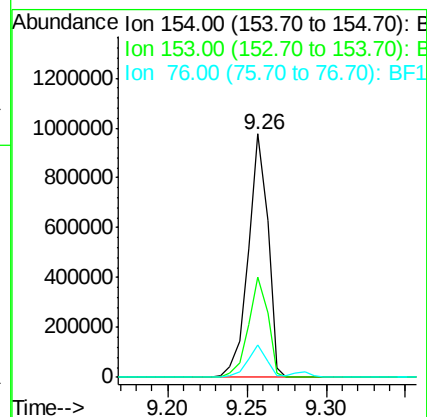
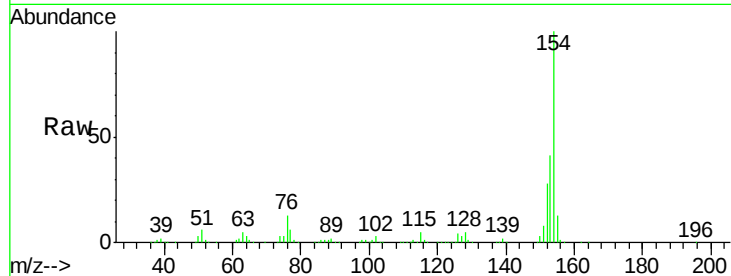




#45
 1,1'-Biphenyl
 Concen: 40.273 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

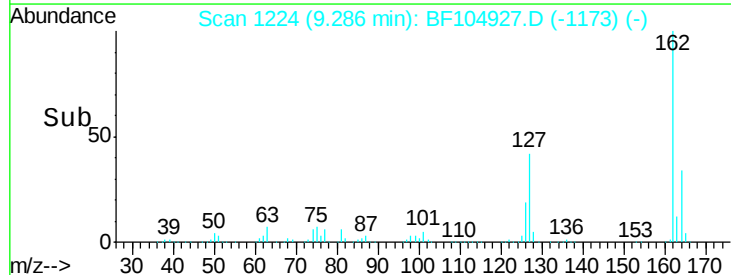
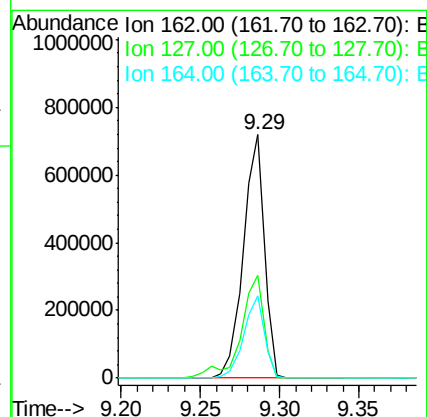
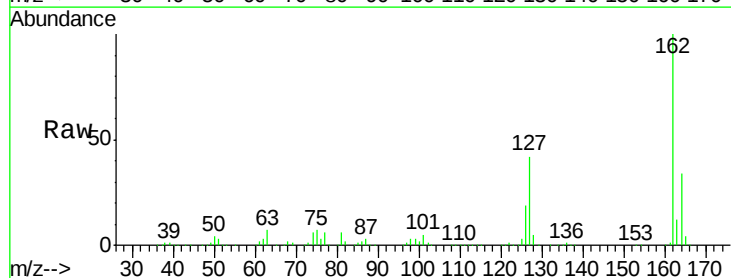
Instrument :
 BNA_F
 ClientSampleId :

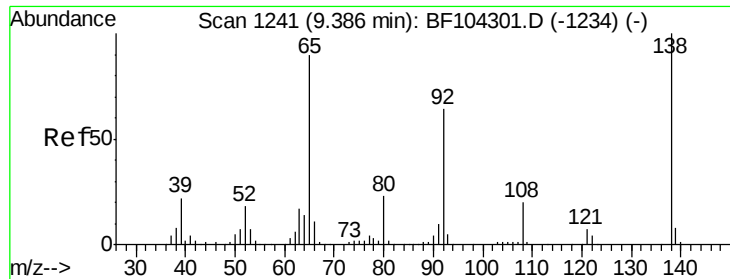
Tot Ion:154 Resp: 831488
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 13.1 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 40.402 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Tgt Ion:162 Resp: 658882
 Ion Ratio Lower Upper
 162 100
 127 42.5 33.9 50.9
 164 34.1 26.5 39.7

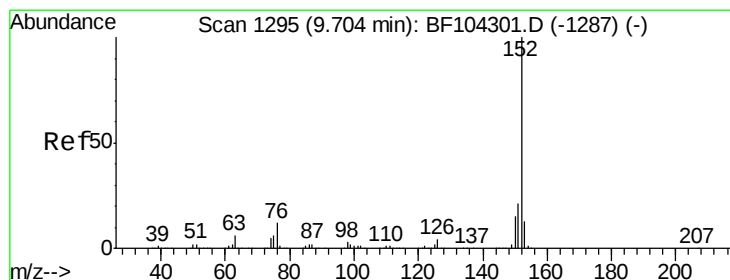
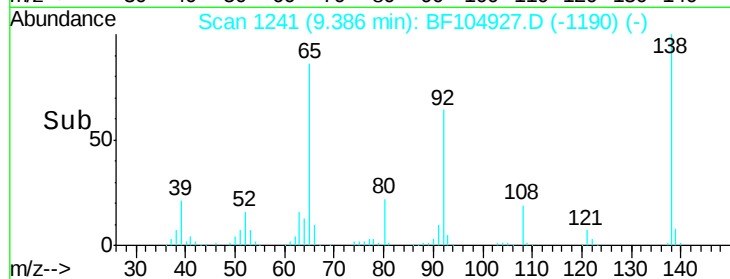
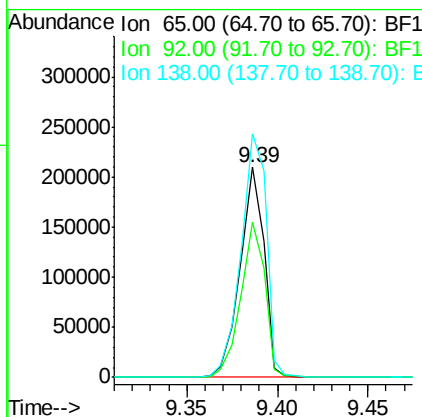
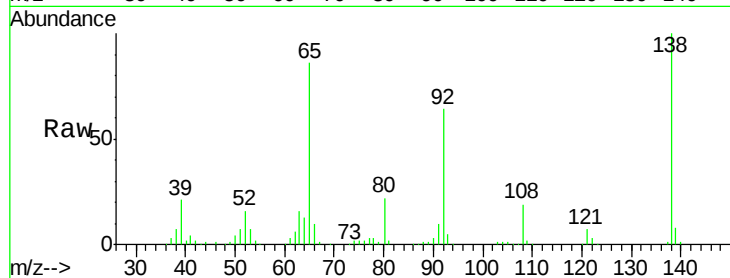




#47
 2-Nitroaniline
 Concen: 47.847 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

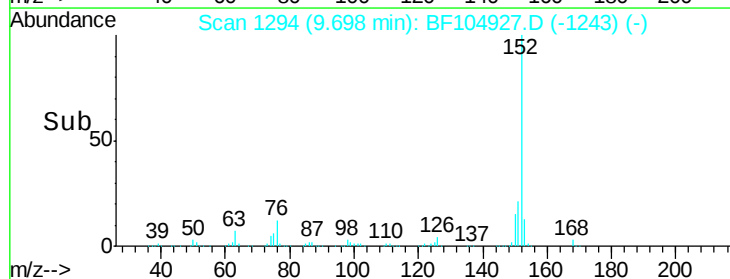
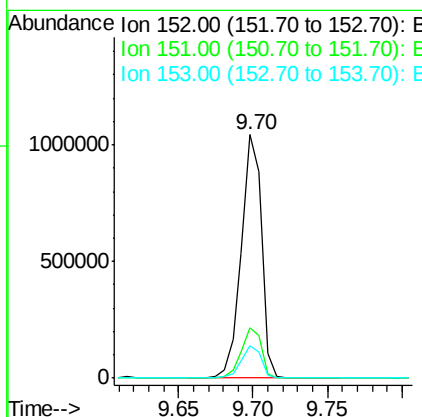
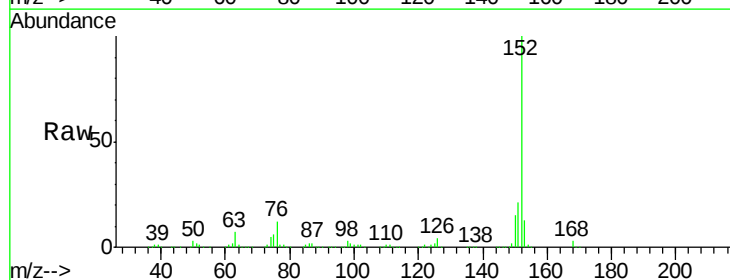
Instrument :
 BNA_F
 ClientSampleId :

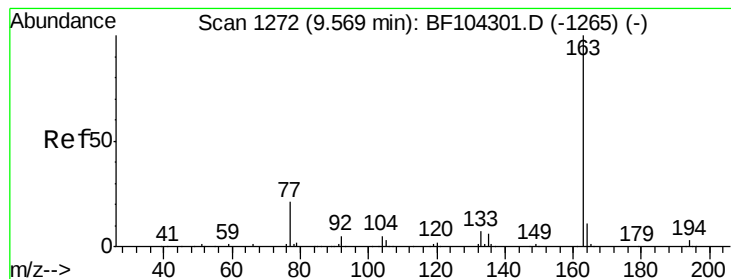
Tot Ion	Ratio	Lower	Upper
65	100		
92	74.0	55.8	83.6
138	116.1	91.2	136.8



#48
 Acenaphthylene
 Concen: 38.370 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.4	10.7	16.1





#49

Dimethylphthalate

Concen: 40.722 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampleId :

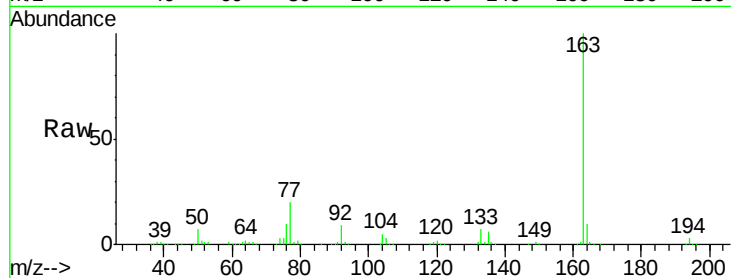
Tot Ion:163 Resp: 789241

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

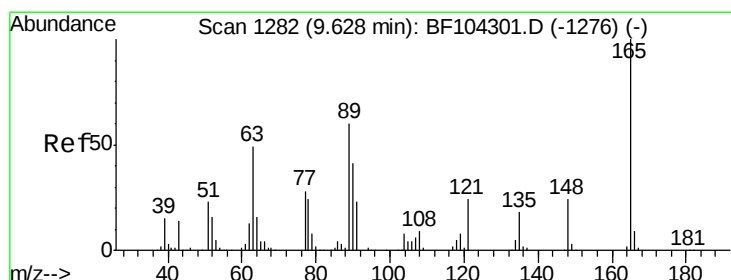
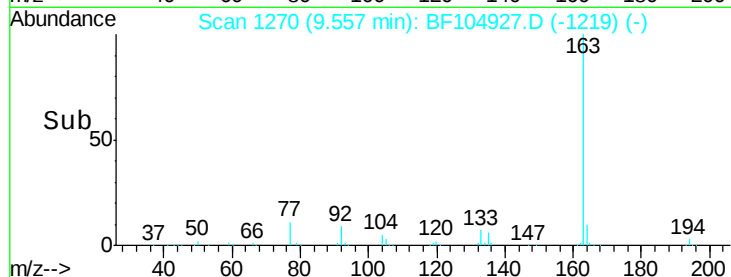
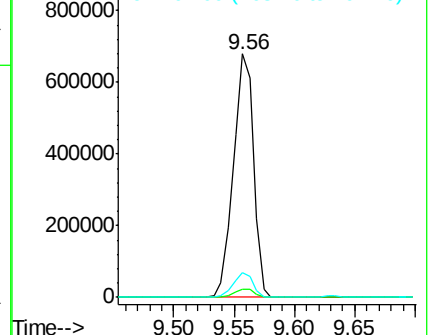
164 10.3 8.2 12.2



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: 47.512 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

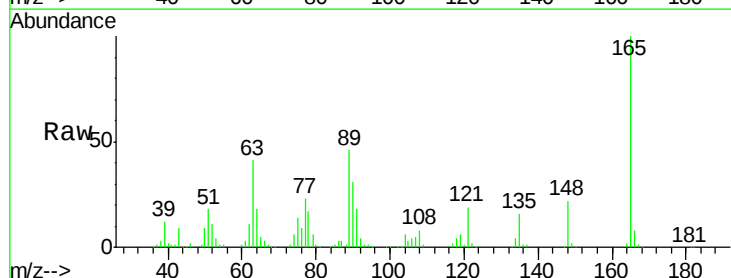
Tgt Ion:165 Resp: 170390

Ion Ratio Lower Upper

165 100

63 40.8 44.7 67.1#

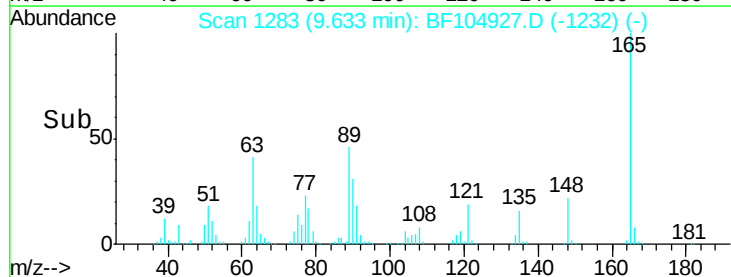
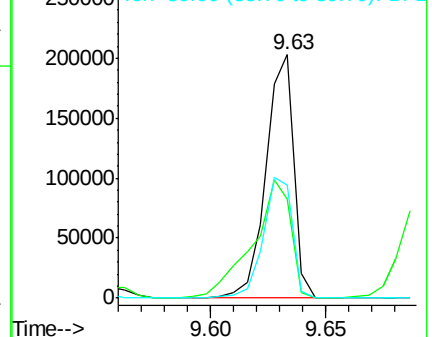
89 46.2 44.0 66.0



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: 37.174 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampled :

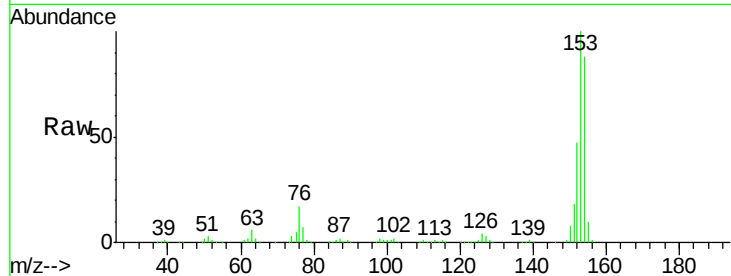
Tot Ion:154 Resp: 580337

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

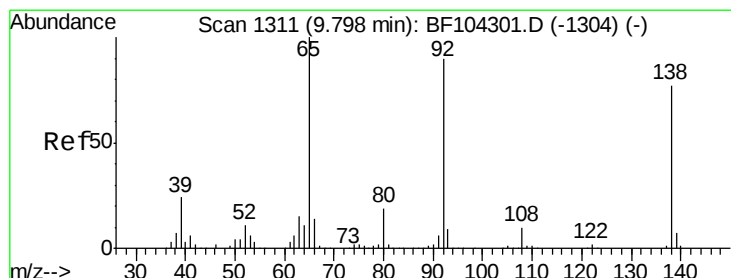
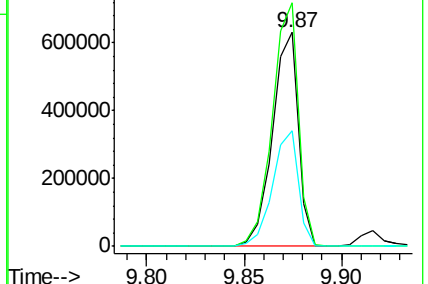
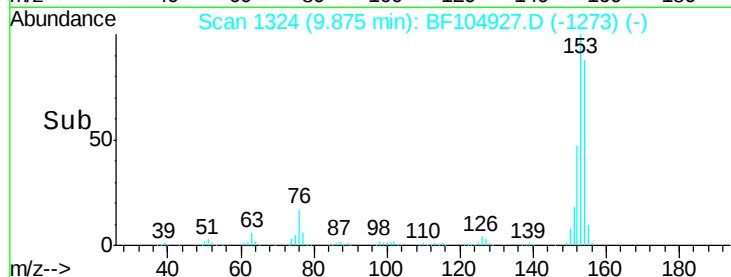
152 54.0 43.8 65.8



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: 46.710 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

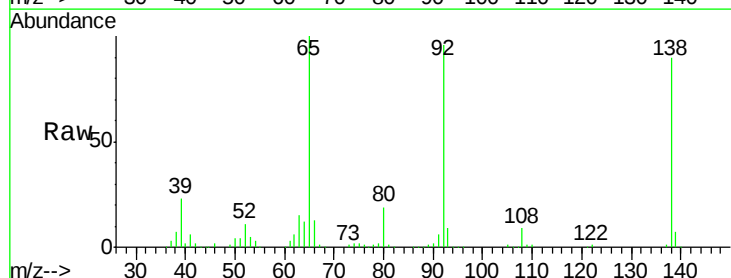
Tgt Ion:138 Resp: 196109

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

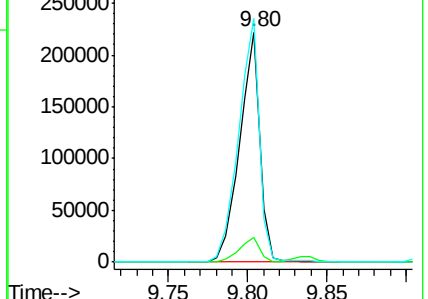
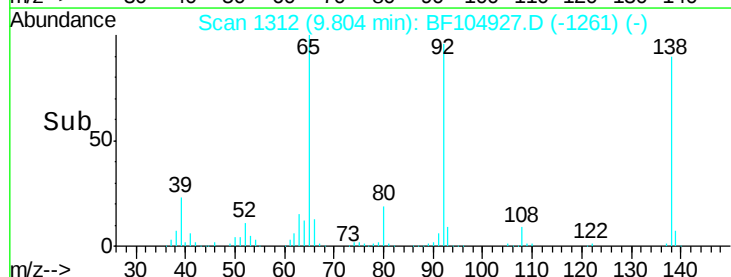
92 105.9 89.4 134.2



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

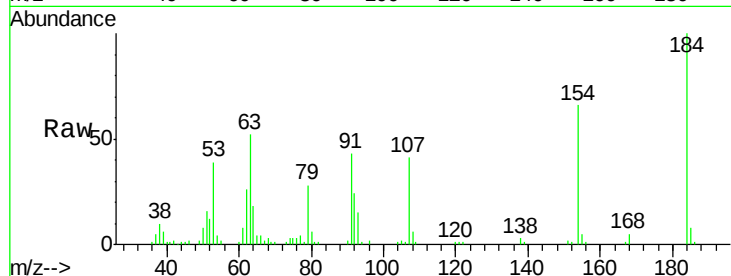




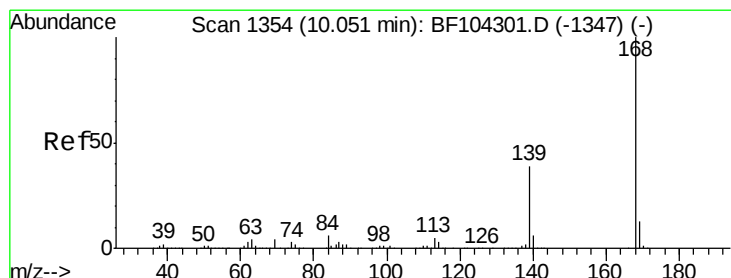
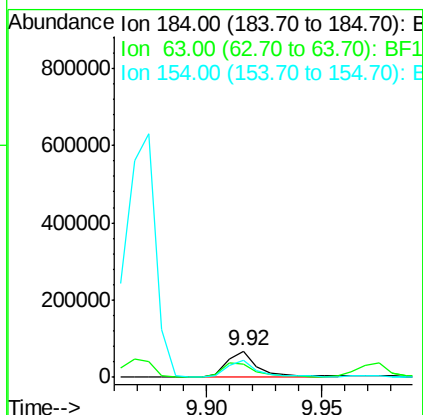
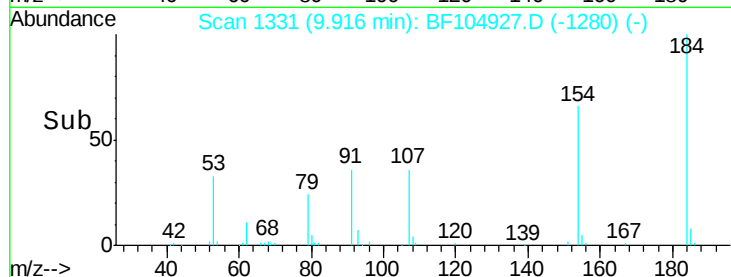
#53
2,4-Dinitrophenol
Concen: 54.282 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 67548
Ion Ratio Lower Upper
184 100
63 52.2 54.2 81.2#
154 65.7 184.0 276.0#

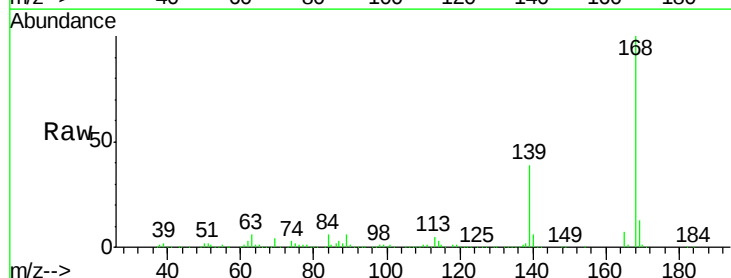


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

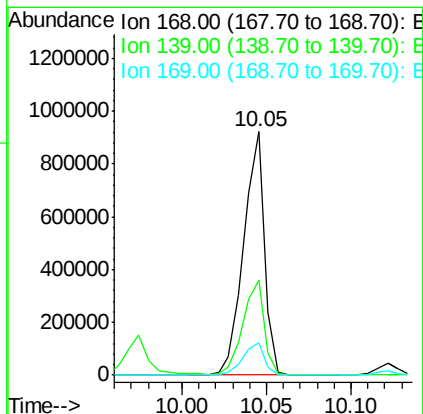
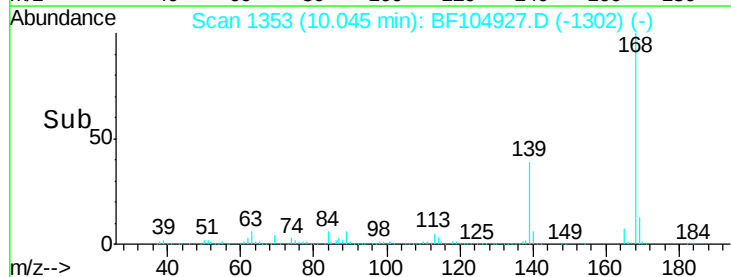


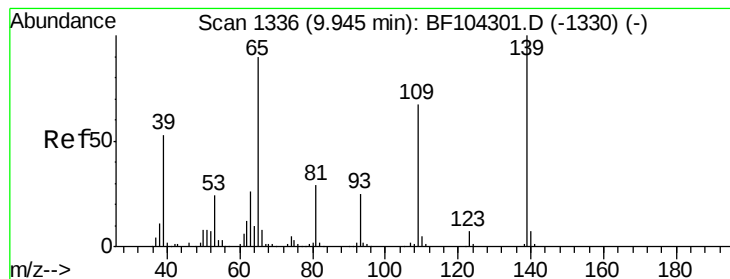
#54
Dibenzofuran
Concen: 36.573 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Tgt Ion:168 Resp: 795695
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 13.5 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: 42.538 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampled :

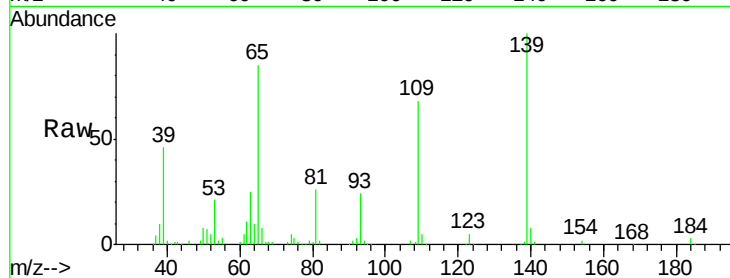
Tot Ion:139 Resp: 140291

Ion Ratio Lower Upper

139 100

109 68.5 48.4 88.4

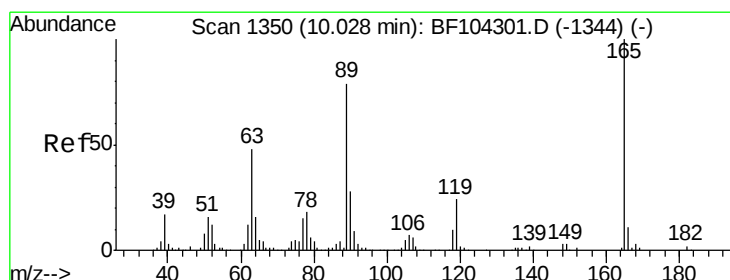
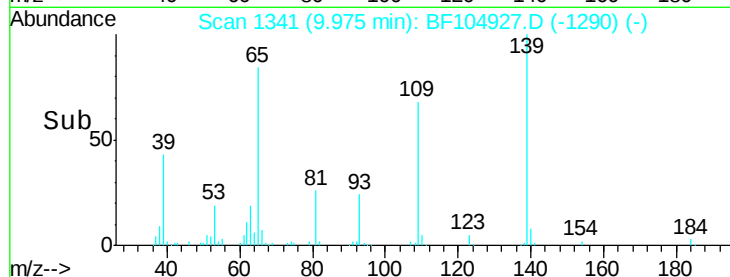
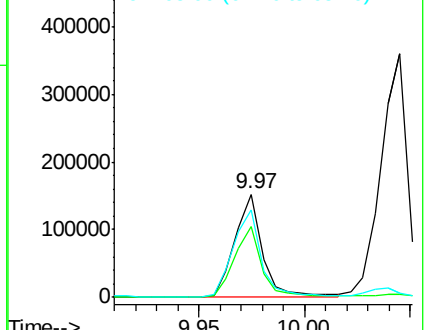
65 84.7 72.6 112.6



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: 43.739 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Tgt Ion:165 Resp: 205752

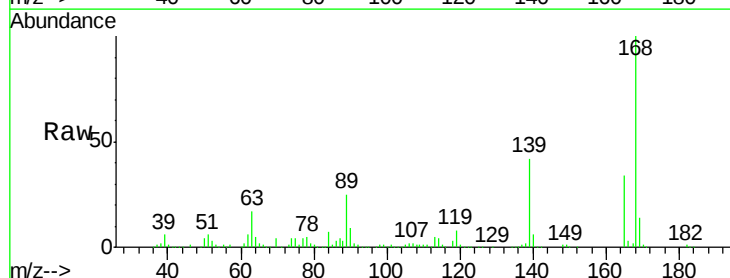
Ion Ratio Lower Upper

165 100

63 51.5 36.4 54.6

89 73.6 57.8 86.6

182 2.5 1.6 2.4#

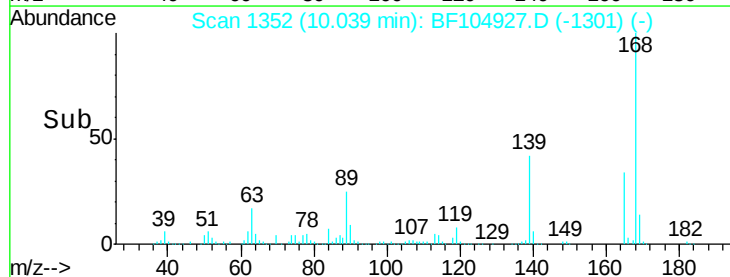
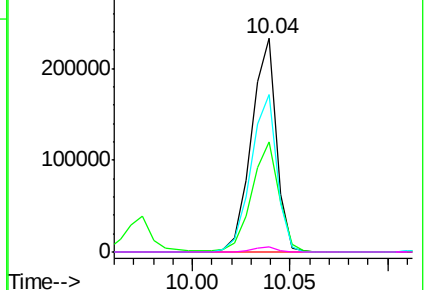


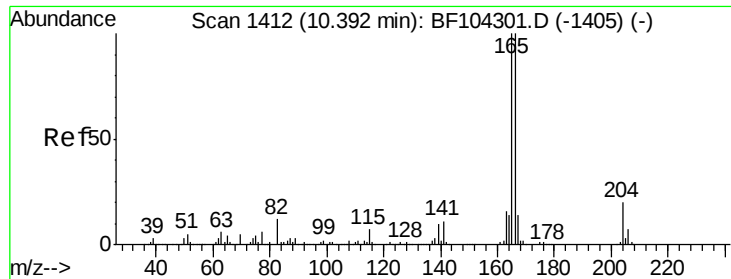
Abundance Ion 165.00 (164.70 to 165.70): E

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

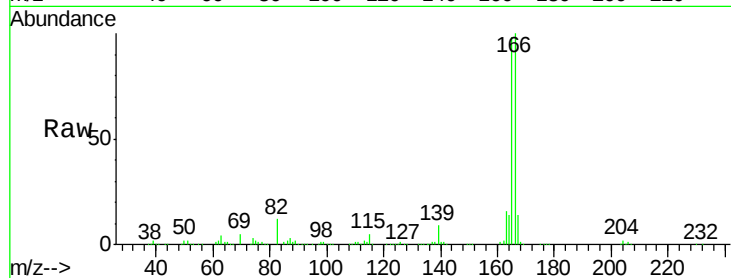




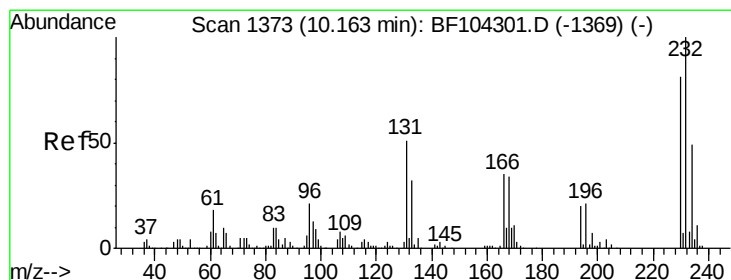
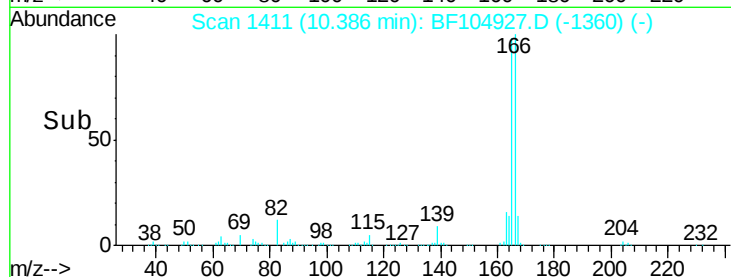
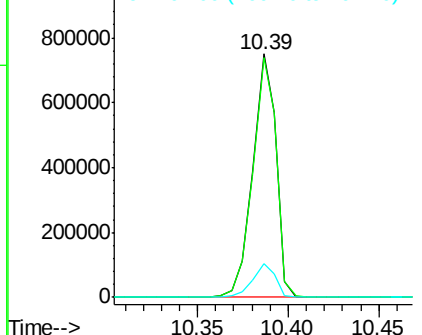
#57
 Fluorene
 Concen: 42.273 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 669427
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 13.8 10.6 16.0



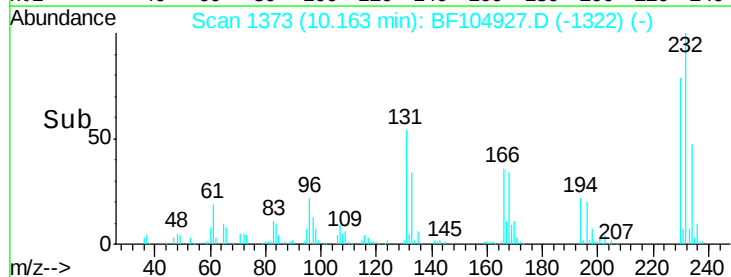
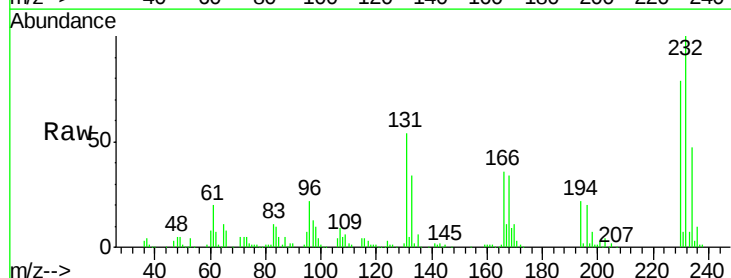
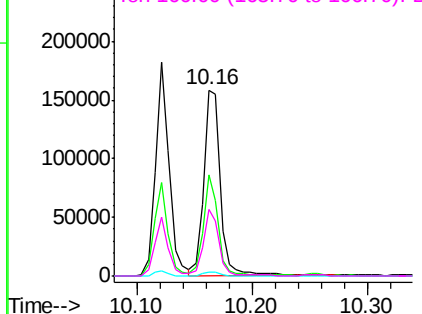
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

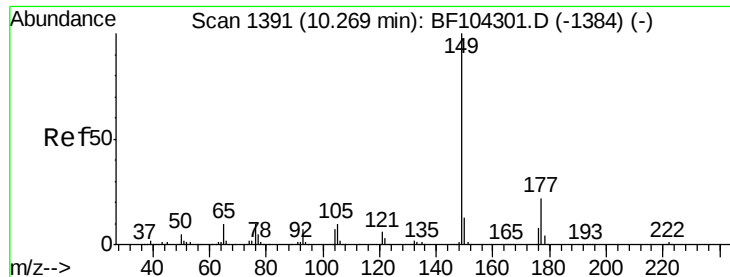


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.294 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Tgt Ion:232 Resp: 160212
 Ion Ratio Lower Upper
 232 100
 131 48.0 43.8 65.8
 130 2.2 2.1 3.1
 166 32.9 27.8 41.6

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





#59

Diethylphthalate

Concen: 38.323 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampled :

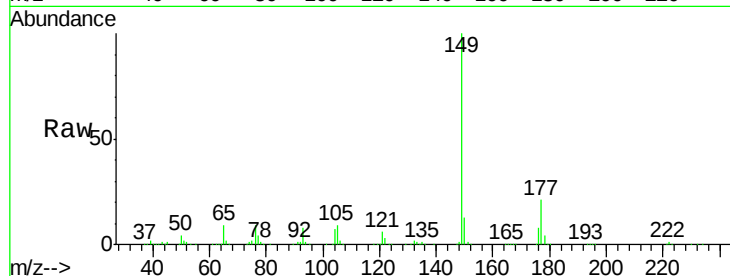
Tot Ion:149 Resp: 739706

Ion Ratio Lower Upper

149 100

177 21.0 16.1 24.1

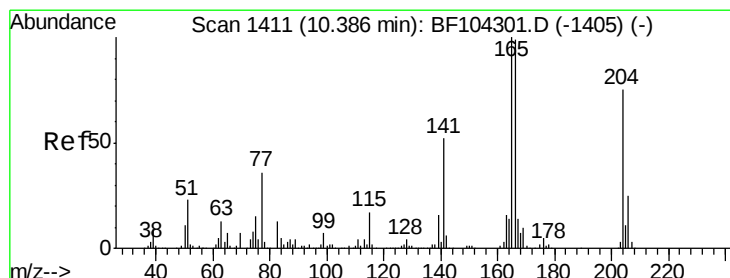
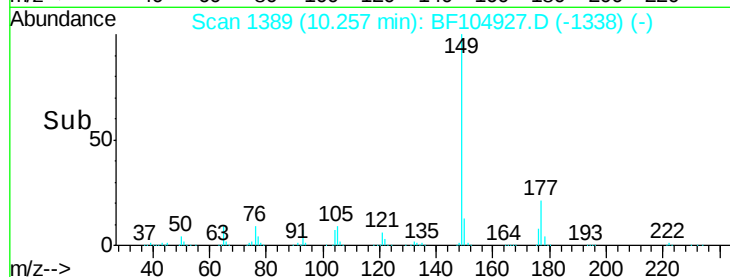
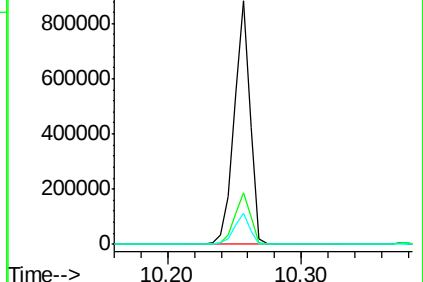
150 12.7 10.1 15.1



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



#60

4-Chlorophenyl-phenylether

Concen: 43.810 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

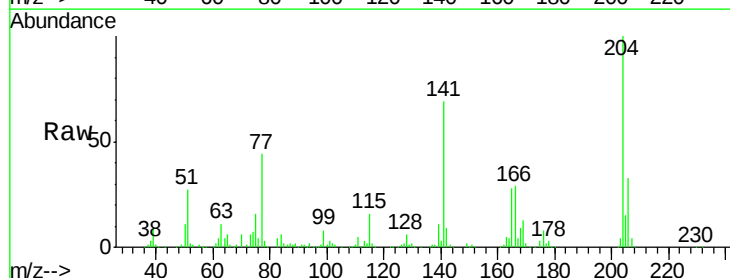
Tgt Ion:204 Resp: 308968

Ion Ratio Lower Upper

204 100

206 32.7 26.5 39.7

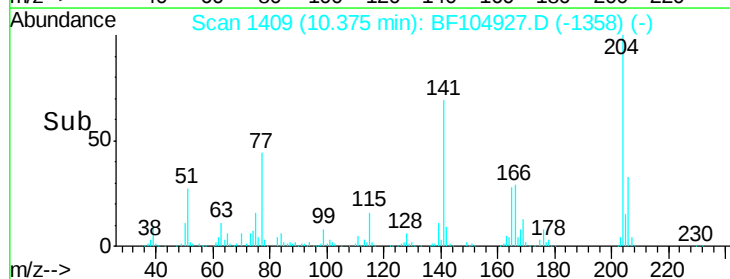
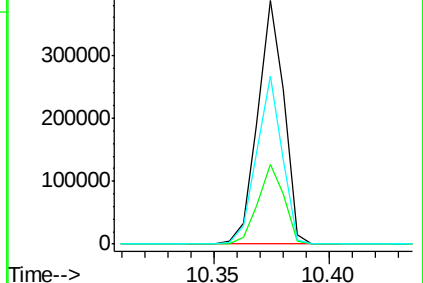
141 69.2 54.6 81.8

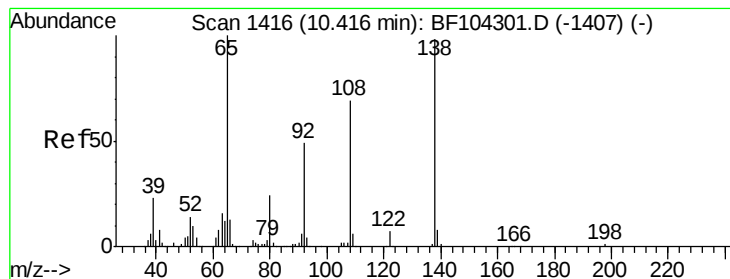


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.463 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampleId :

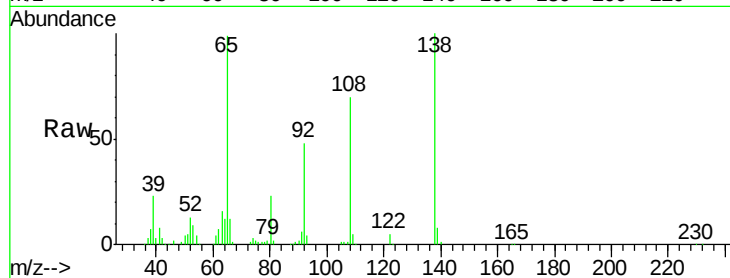
Tot Ion:138 Resp: 198943

Ion Ratio Lower Upper

138 100

92 48.3 30.2 70.2

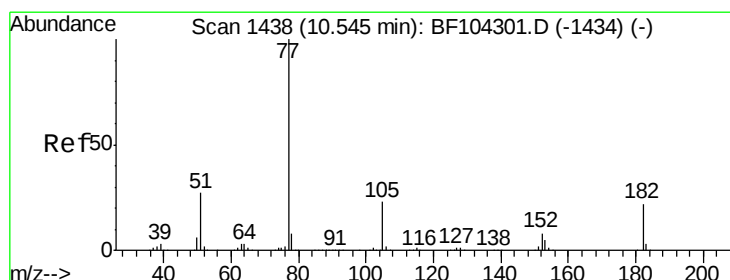
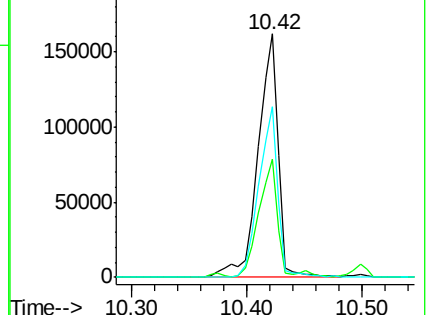
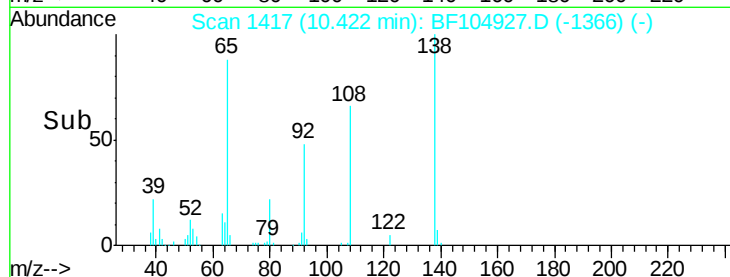
108 69.9 52.5 92.5



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: 35.548 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Tgt Ion: 77 Resp: 655536

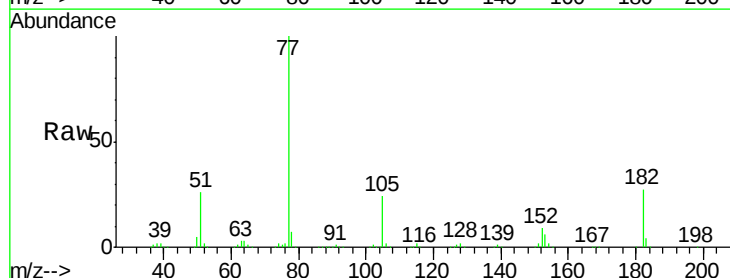
Ion Ratio Lower Upper

77 100

182 26.6 1.7 41.7

105 24.1 3.0 43.0

51 25.9 9.9 49.9

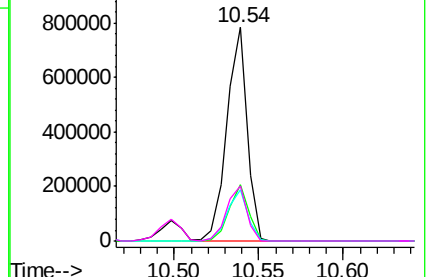
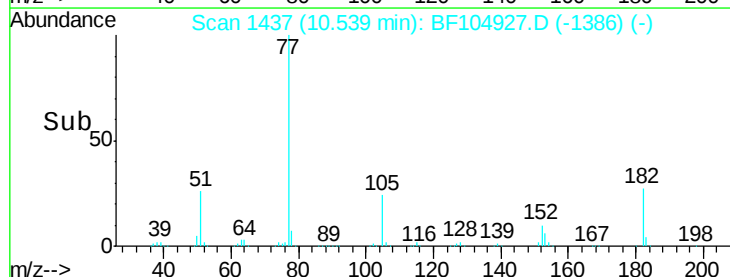


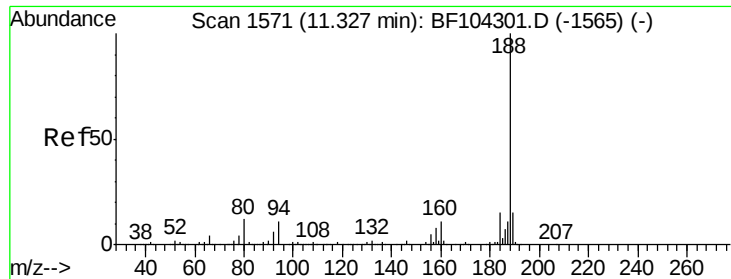
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

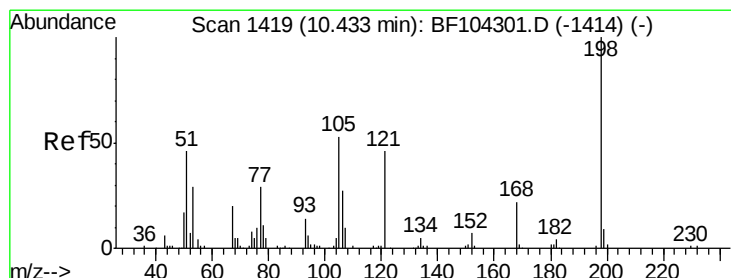
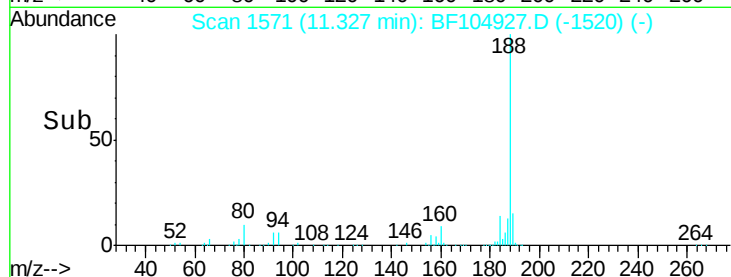
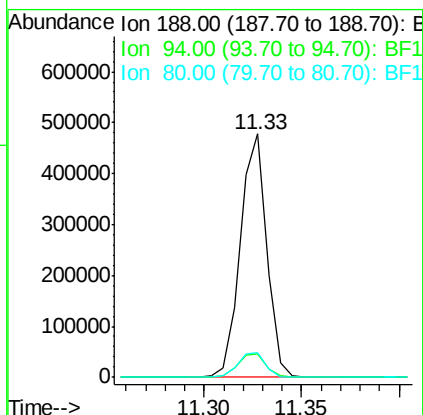
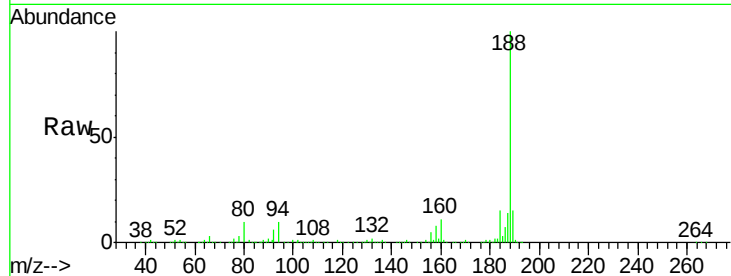




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

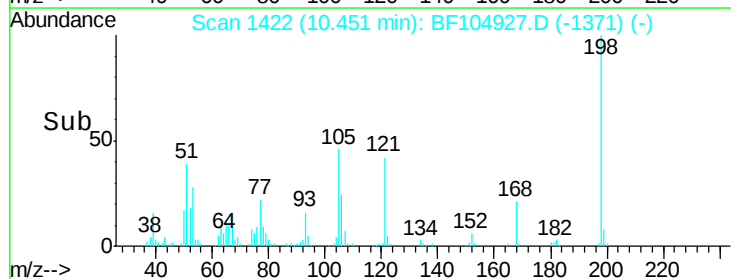
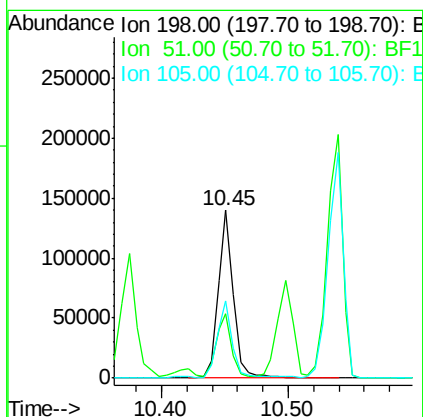
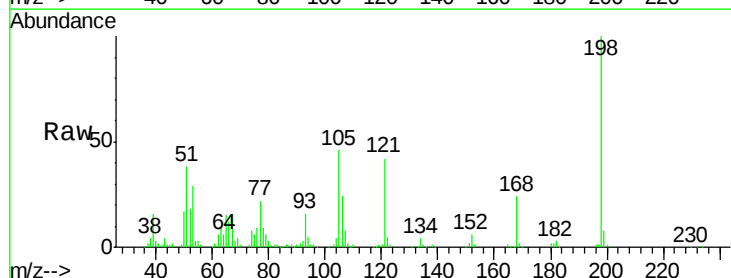
Instrument :
 BNA_F
 ClientSampleId :

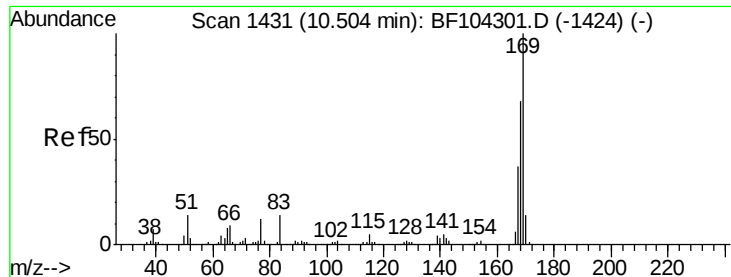
Tot Ion:188 Resp: 447588
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 53.462 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Tgt Ion:198 Resp: 118692
 Ion Ratio Lower Upper
 198 100
 51 38.4 37.7 77.7
 105 45.7 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 38.617 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampleId :

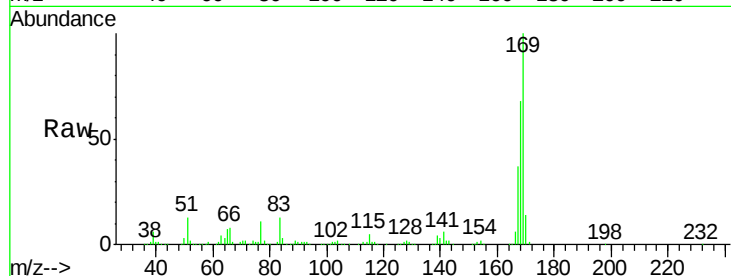
Tot Ion:169 Resp: 599305

Ion Ratio Lower Upper

169 100

168 68.5 54.4 81.6

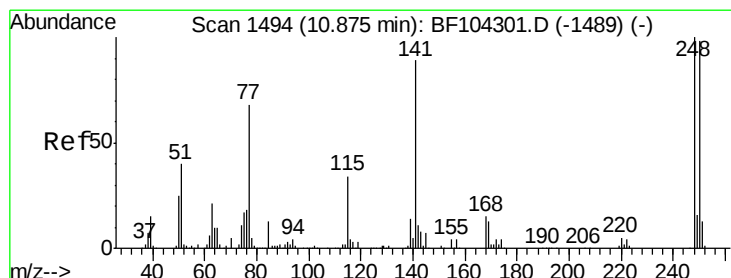
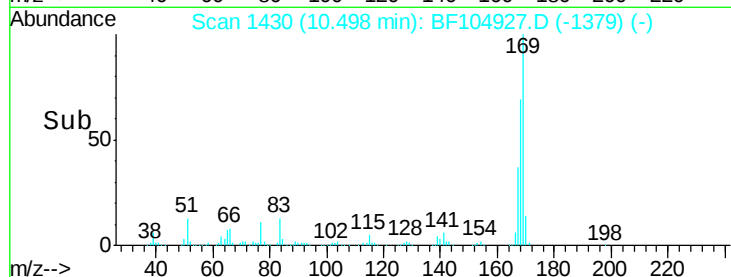
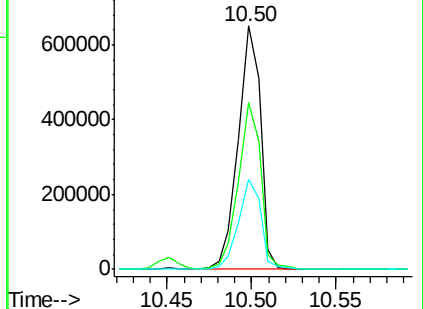
167 37.0 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.230 ng

RT: 10.87 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

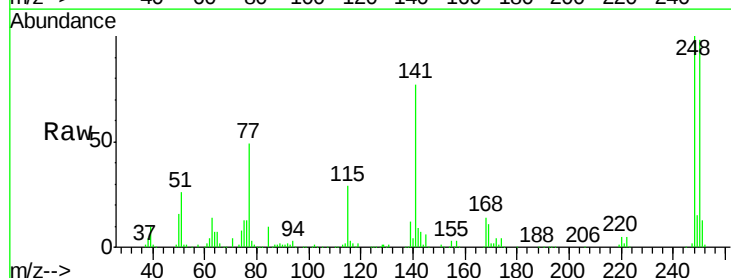
Tgt Ion:248 Resp: 191530

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

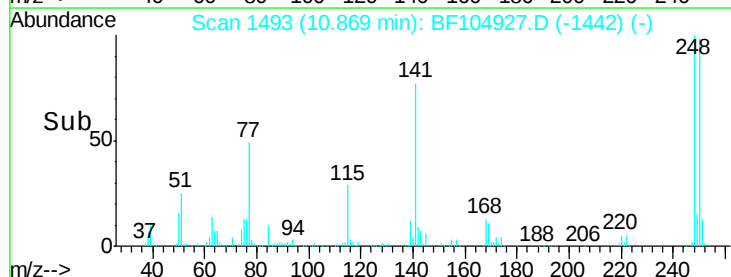
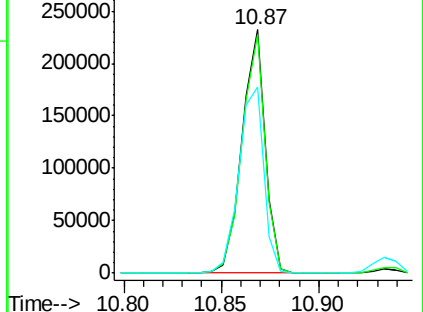
141 76.5 74.4 111.6

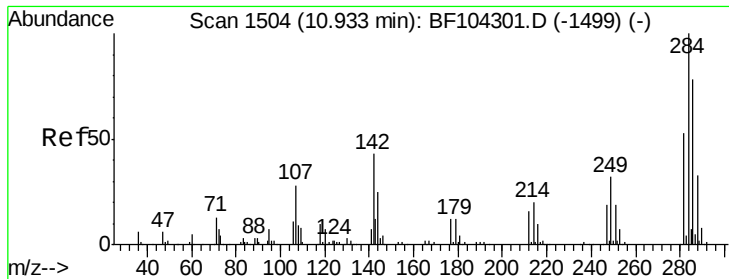


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

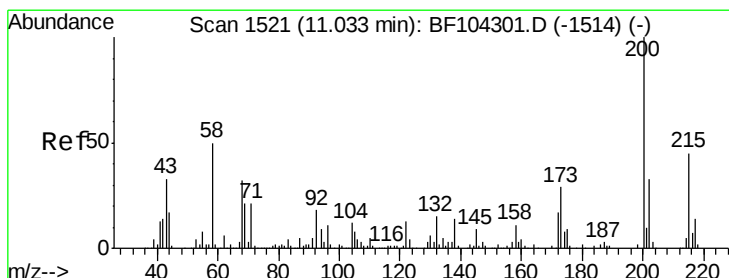
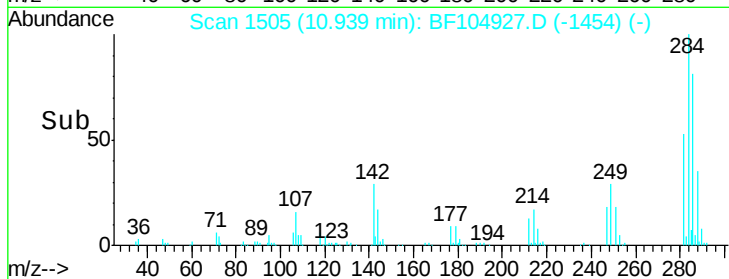
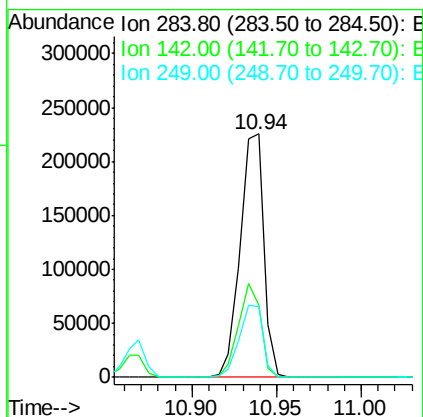
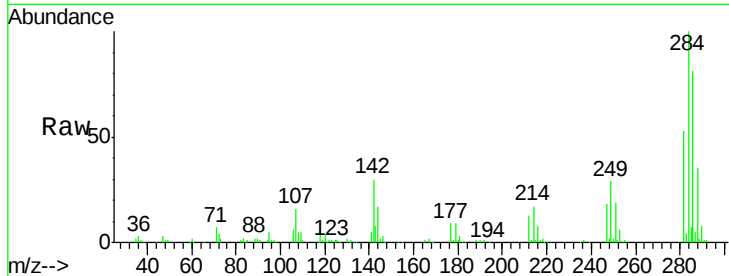




#67
Hexachlorobenzene
Concen: 41.253 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

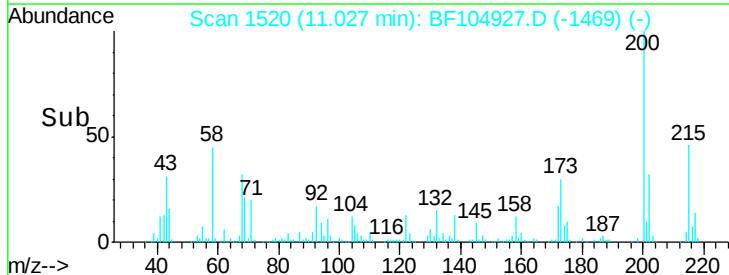
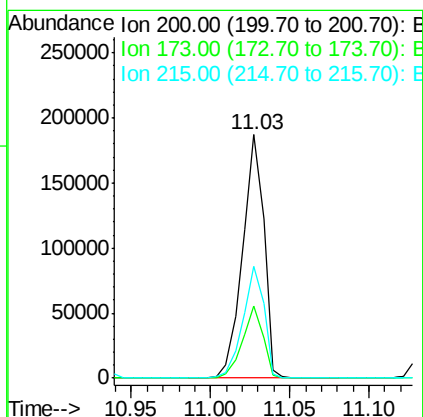
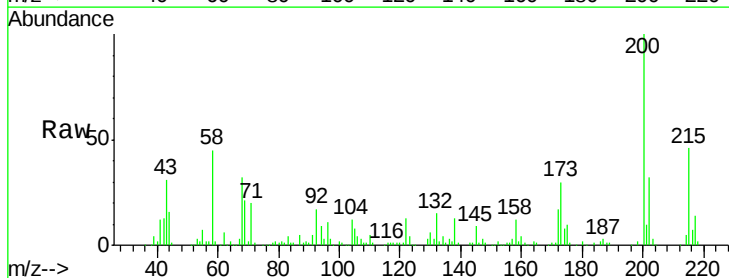
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 220995
Ion Ratio Lower Upper
284 100
142 29.9 34.6 52.0#
249 29.3 24.8 37.2



#68
Atrazine
Concen: 37.130 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Tgt Ion:200 Resp: 173929
Ion Ratio Lower Upper
200 100
173 29.8 8.6 48.6
215 45.8 25.1 65.1

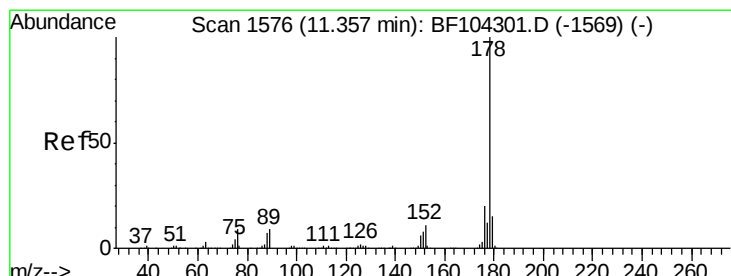
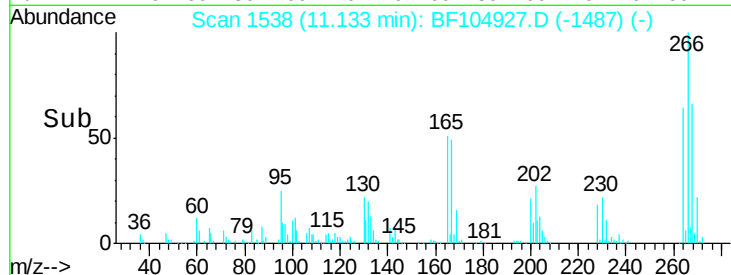
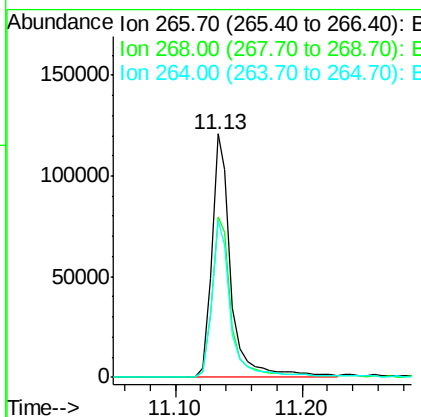
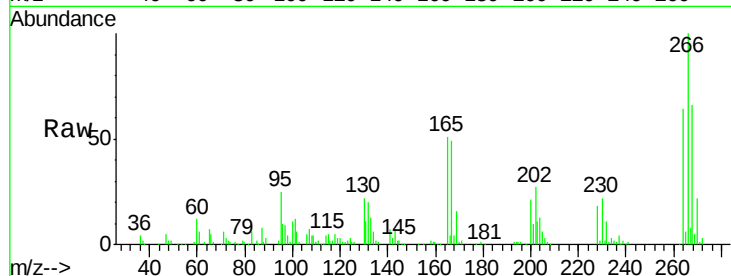




#69
 Pentachlorophenol
 Concen: 38.933 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

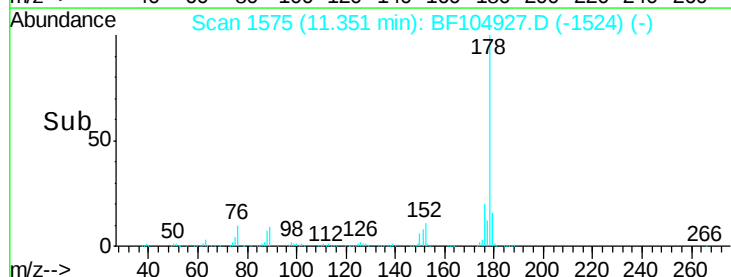
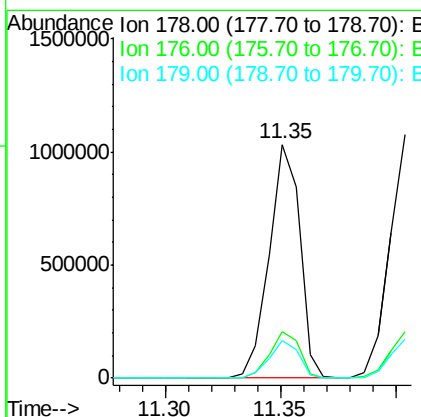
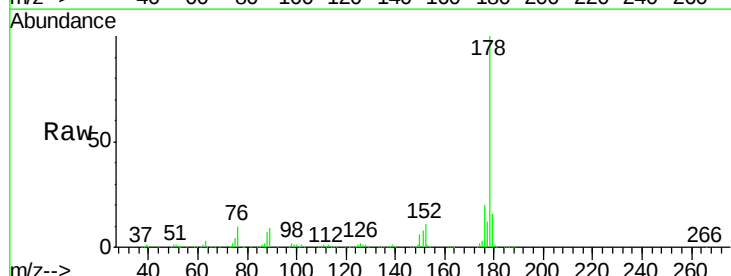
Instrument :
 BNA_F
 ClientSampleId :

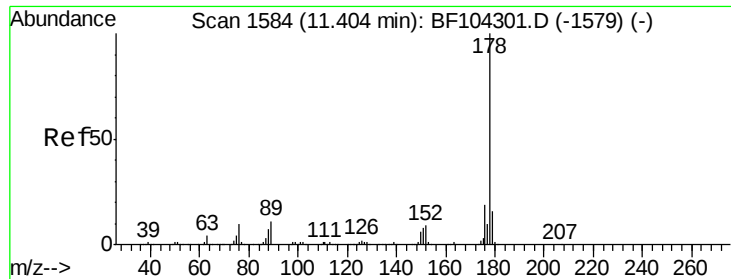
Tot Ion:266 Resp: 129029
 Ion Ratio Lower Upper
 266 100
 268 66.1 51.1 76.7
 264 64.5 49.5 74.3



#70
 Phenanthrene
 Concen: 38.220 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Tgt Ion:178 Resp: 952665
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.9 13.0 19.6

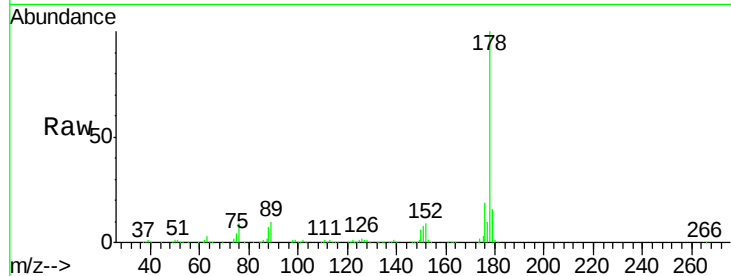




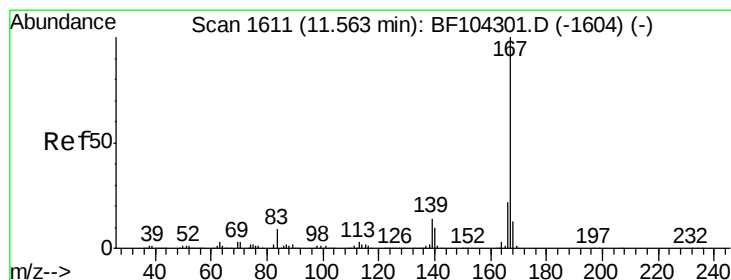
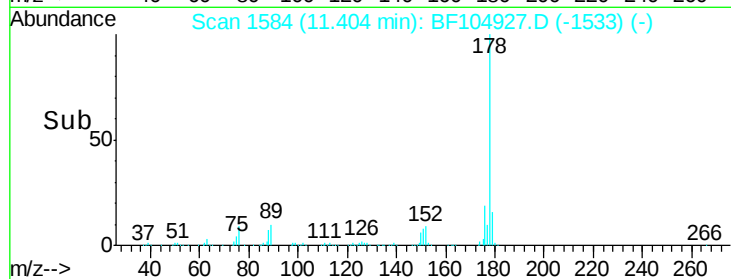
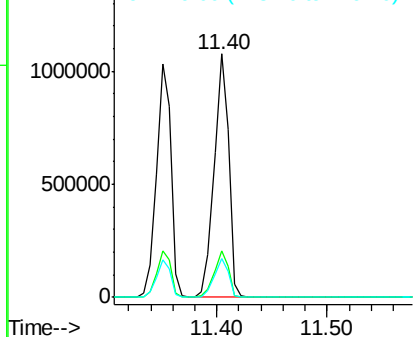
#71
 Anthracene
 Concen: 38.430 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 973728
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.0 12.6 19.0

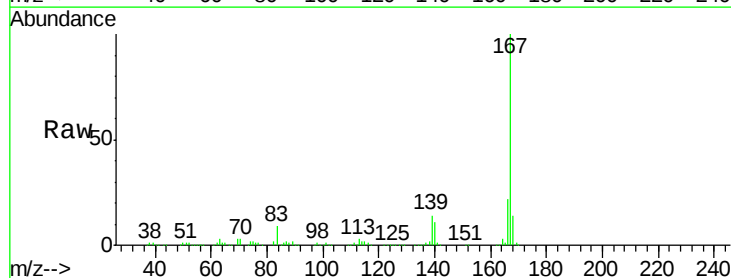


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

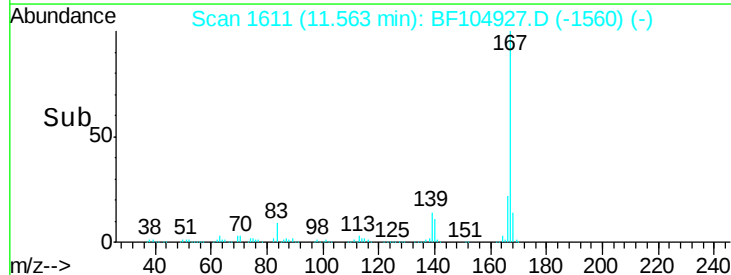
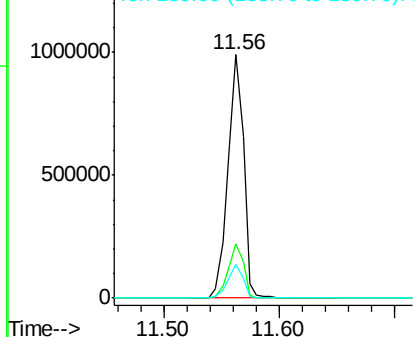


#72
 Carbazole
 Concen: 37.709 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Tgt Ion:167 Resp: 933653
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.017 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampleId :

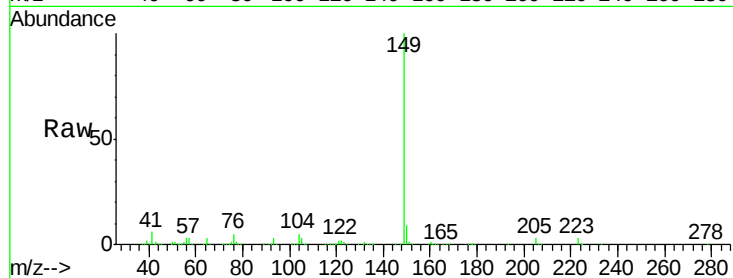
Tot Ion:149 Resp: 1149814

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

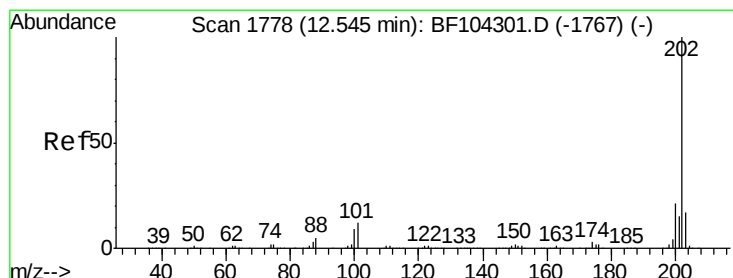
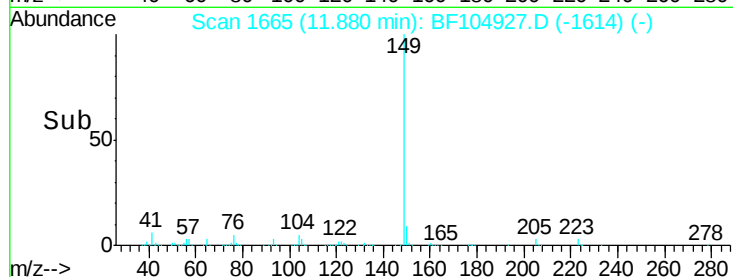
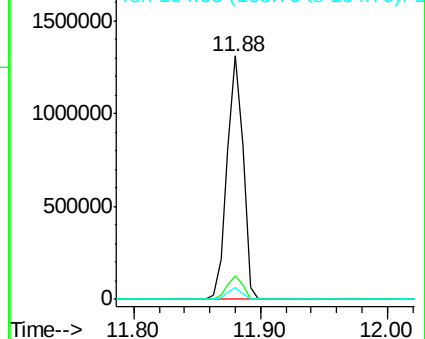
104 5.0 3.8 5.8



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: 37.367 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

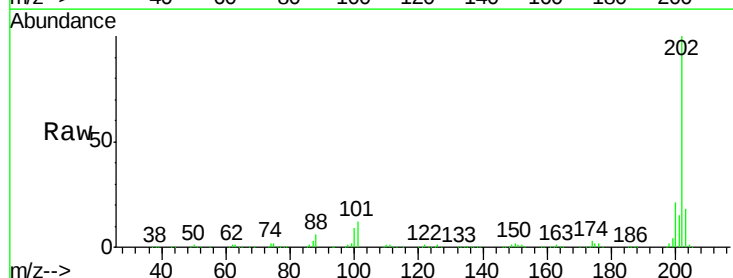
Tgt Ion:202 Resp: 973148

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

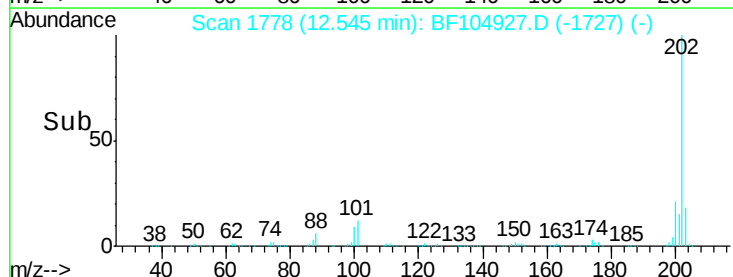
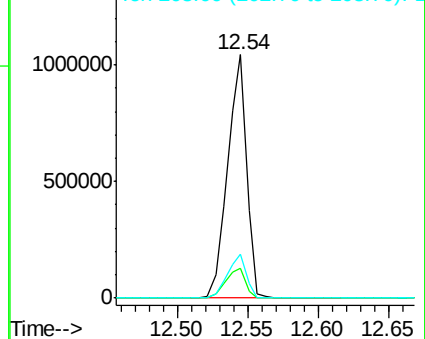
203 17.9 0.0 38.1

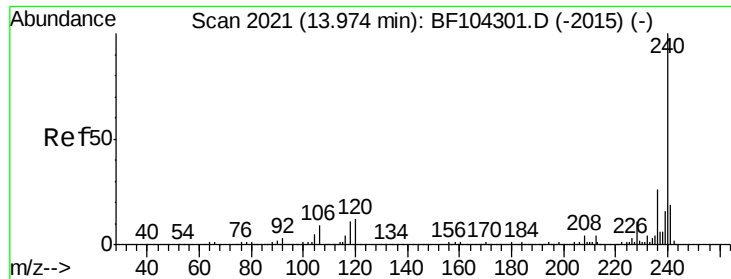


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampleId :

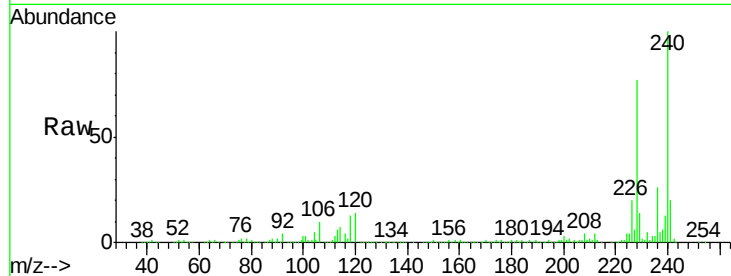
Tot Ion:240 Resp: 335711

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

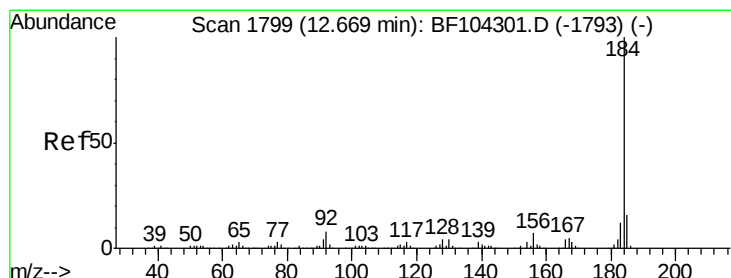
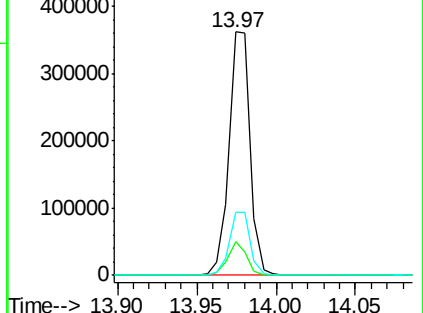
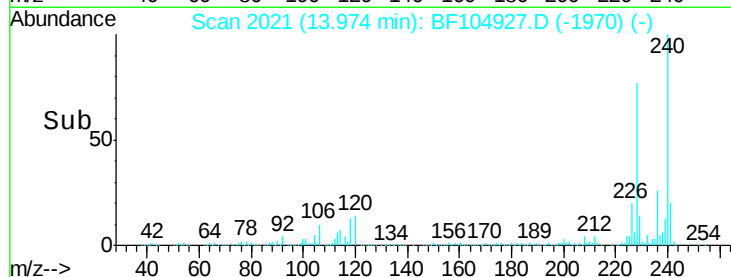
236 26.0 20.7 31.1



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: 32.188 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

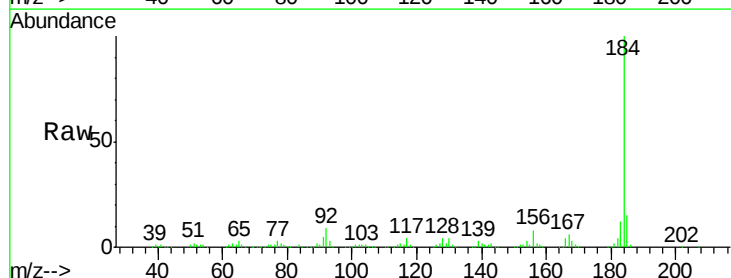
Tgt Ion:184 Resp: 388246

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

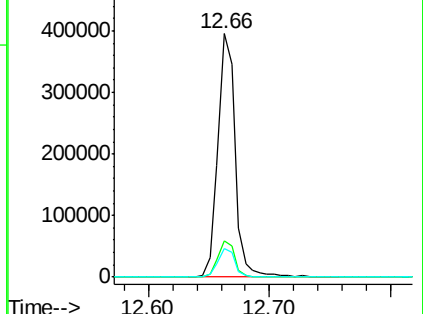
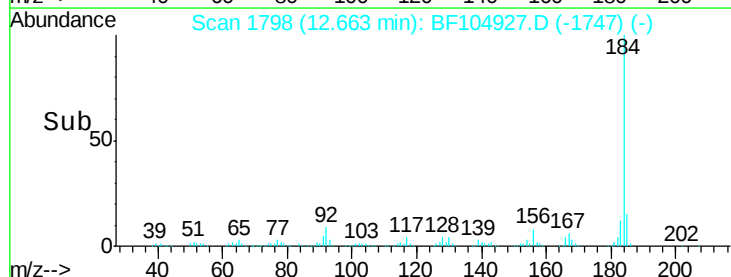
183 12.0 9.3 13.9

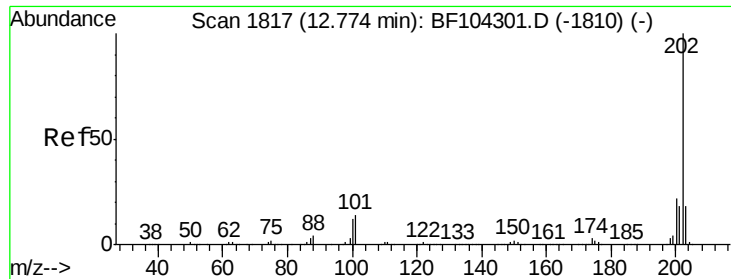


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



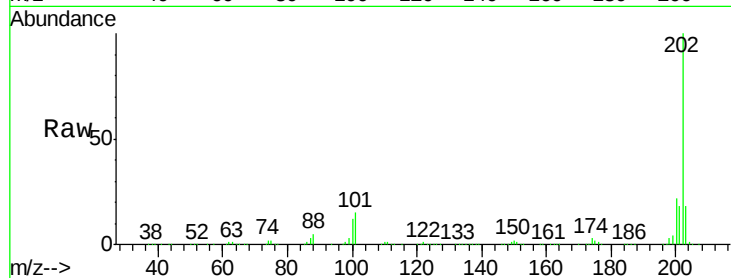


#77
 Pvrene
 Concen: 40.509 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

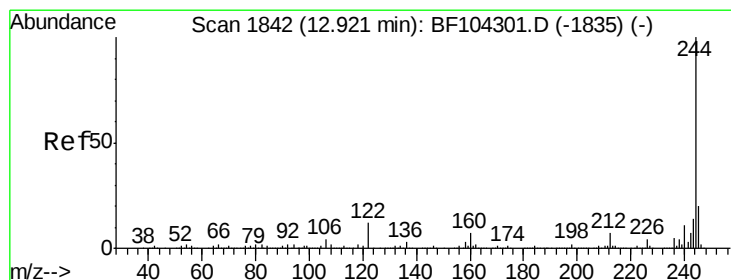
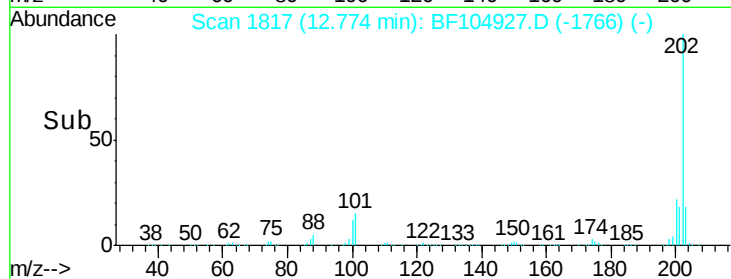
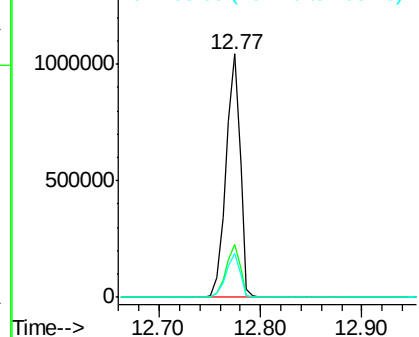
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1008024

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.9	14.3	21.5



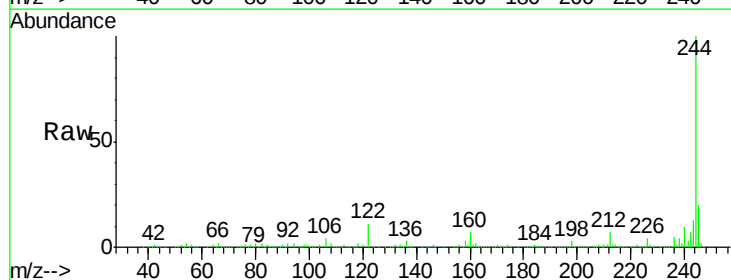
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



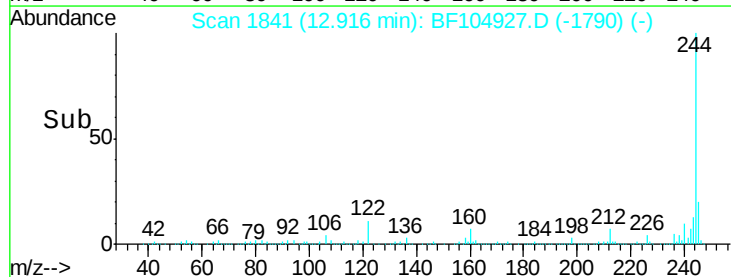
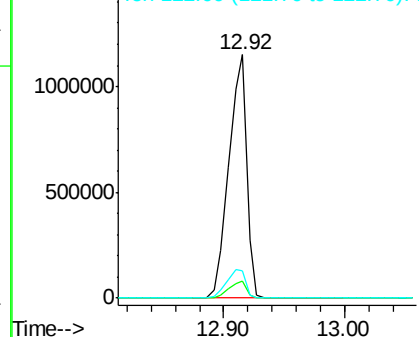
#78
 Terphenyl-d14
 Concen: 79.886 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Tgt Ion:244 Resp: 1176341

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.4	11.0	16.4



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

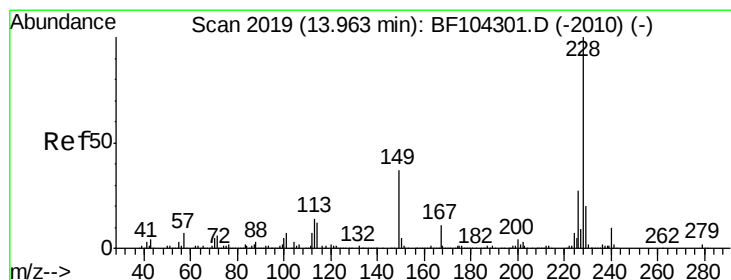
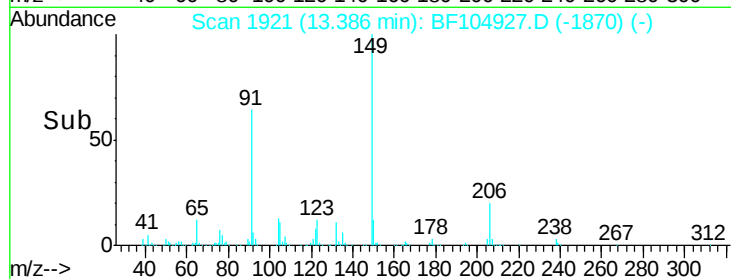
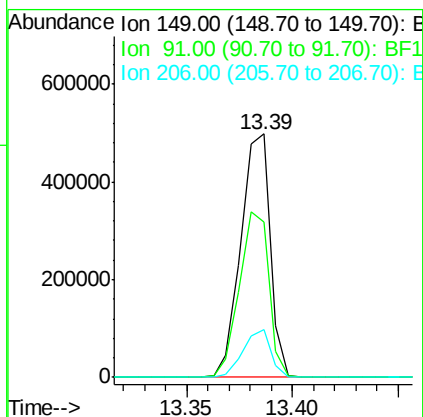
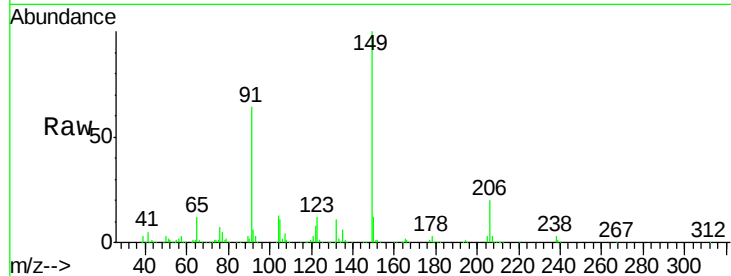




#79
Butylbenzylphthalate
Concen: 41.107 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

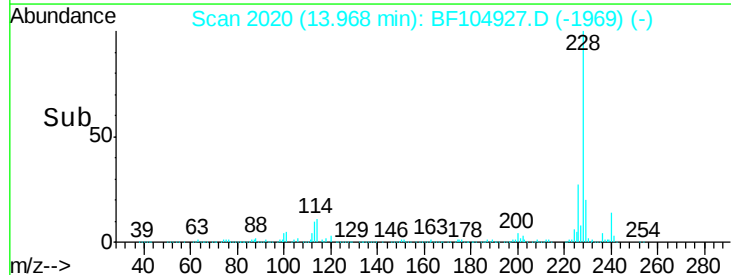
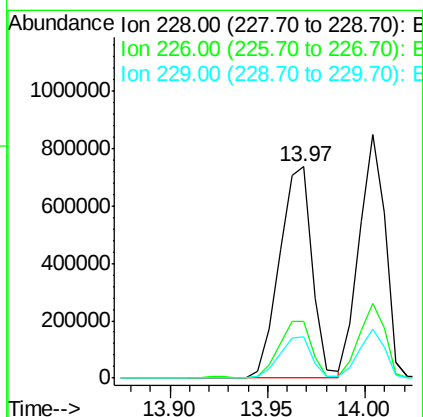
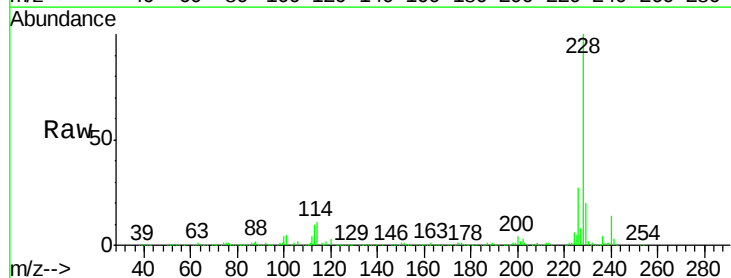
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 481912
Ion Ratio Lower Upper
149 100
91 63.9 56.8 85.2
206 19.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.658 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Tgt Ion:228 Resp: 855528
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 19.5 15.8 23.6

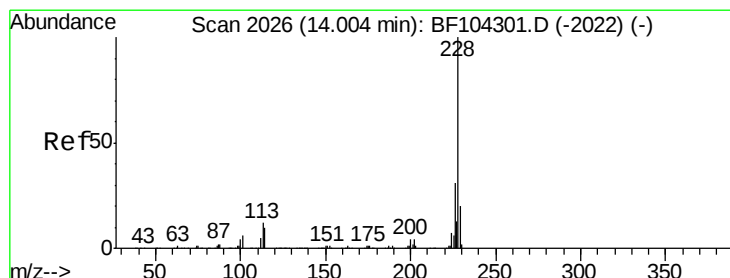
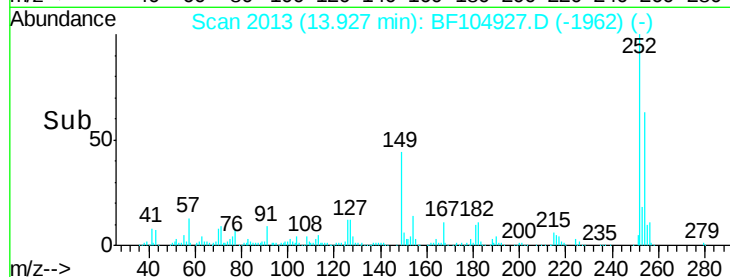
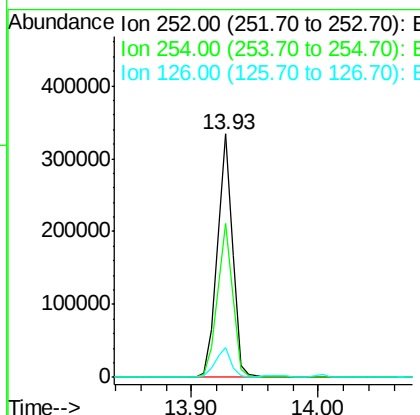
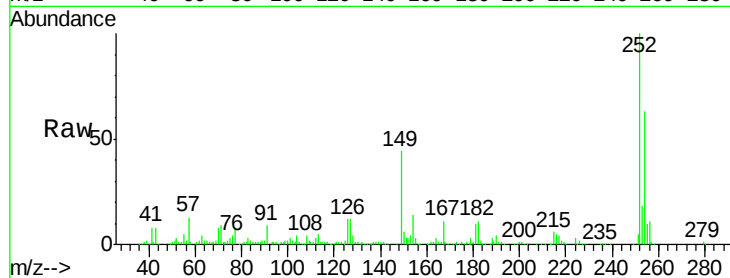




#81
 3,3'-Dichlorobenzidine
 Concen: 38.504 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

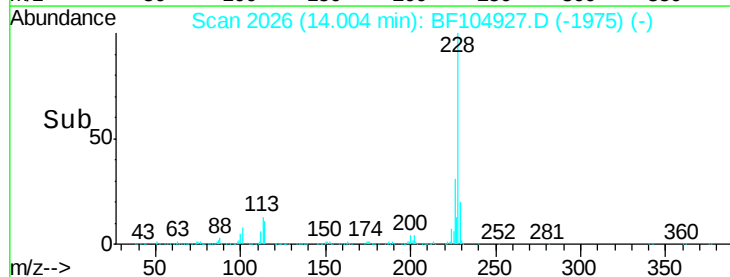
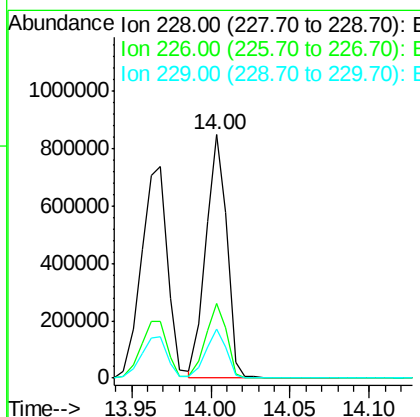
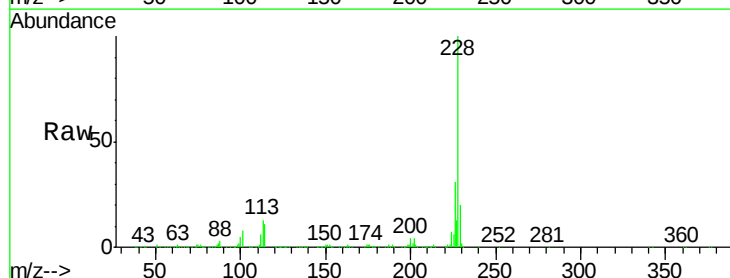
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 287926
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 12.5 11.3 16.9



#82
 Chrysene
 Concen: 38.330 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Tgt Ion:228 Resp: 789619
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 20.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.822 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampleId :

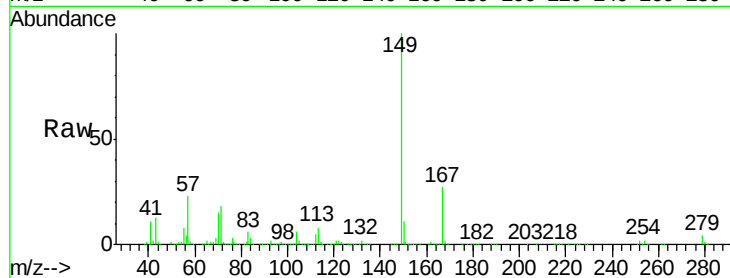
Tot Ion:149 Resp: 645717

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

1000000

800000

600000

400000

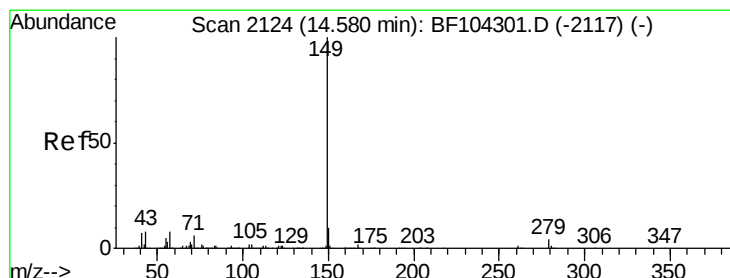
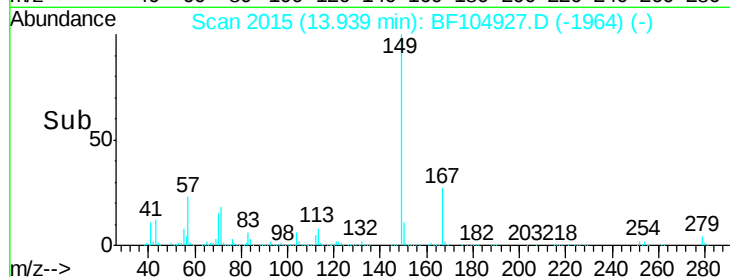
200000

0

13.94

13.90 13.95 14.00

Time-->



#84

Di-n-octyl phthalate

Concen: 39.112 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

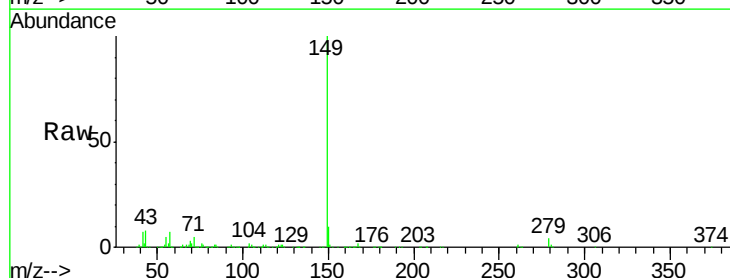
Tgt Ion:149 Resp: 985448

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.9 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

1500000

1000000

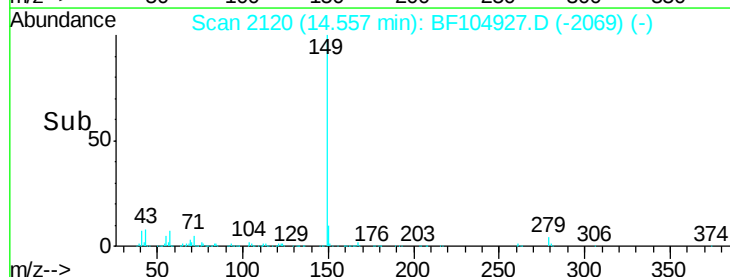
500000

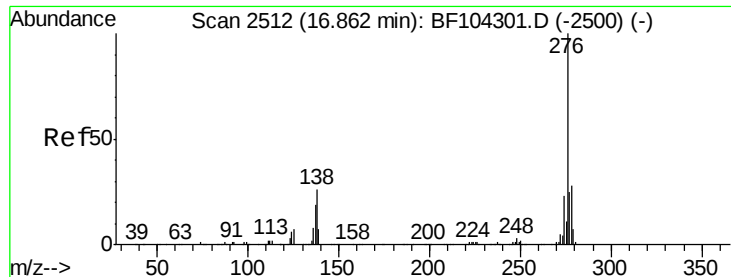
0

14.56

14.50 14.60

Time-->

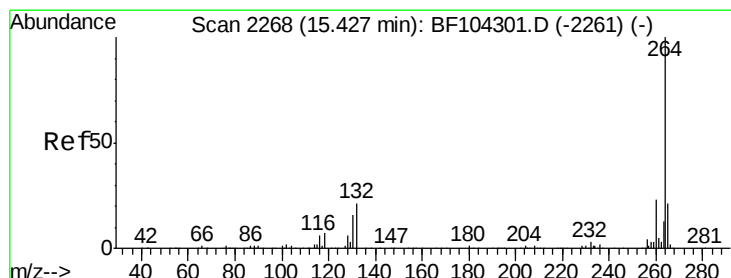
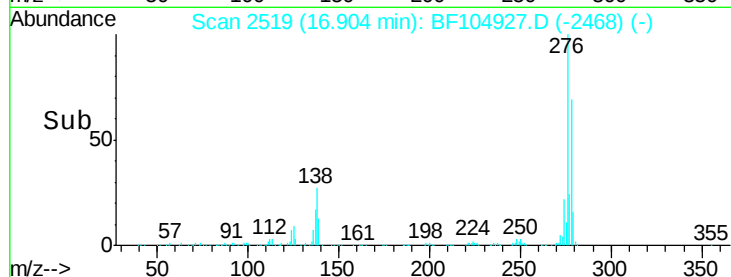
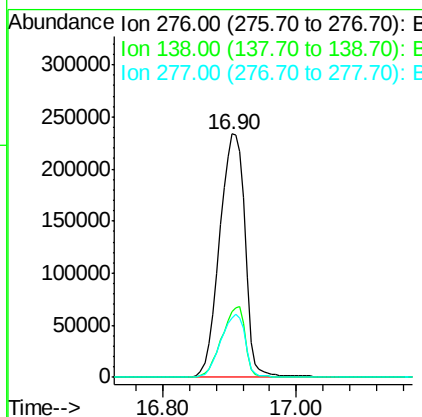
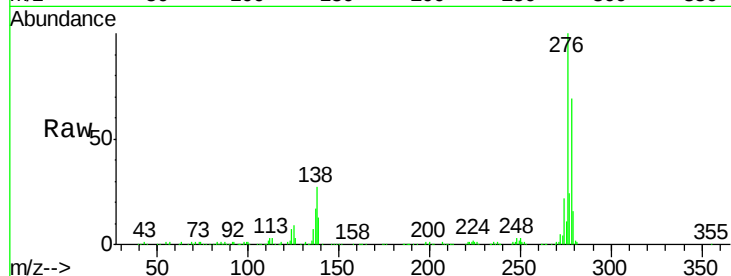




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.159 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

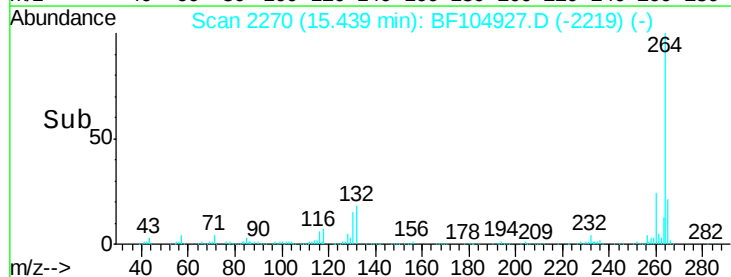
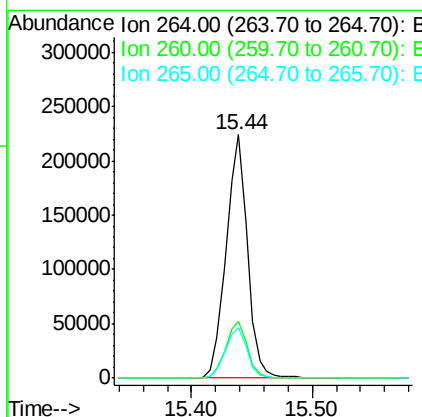
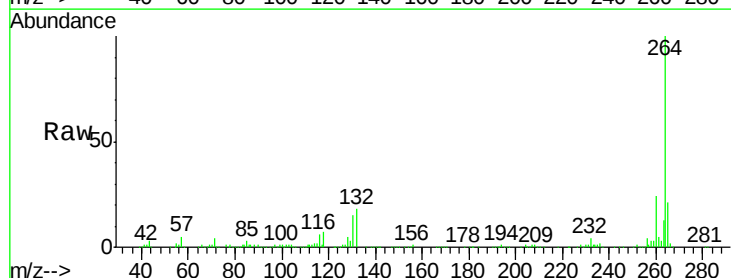
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.0	37.6
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF104927.D
 Acq: 30 Apr 2018 12:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.6	17.5	26.3

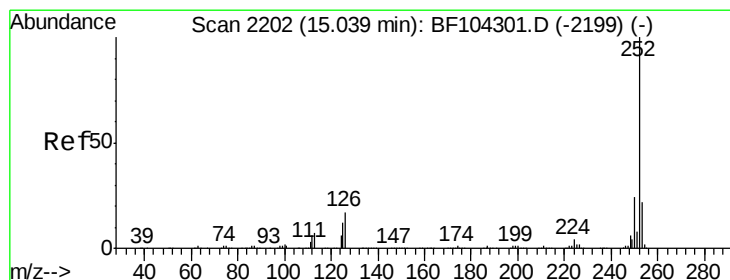
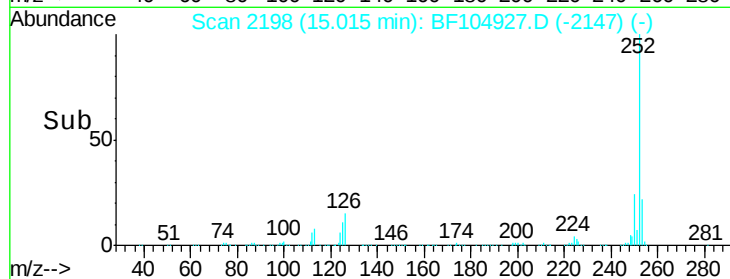
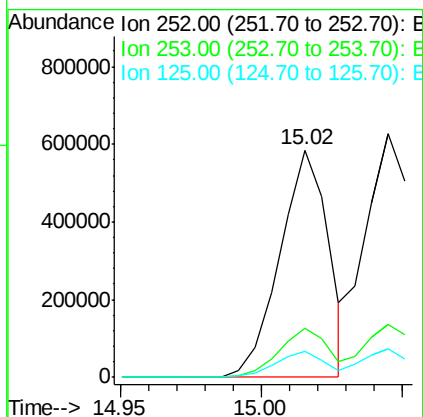
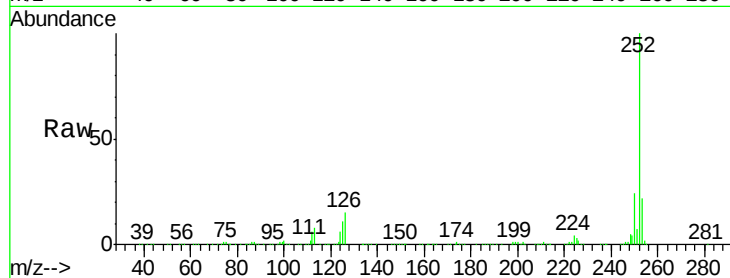




#87
Benzo(b)fluoranthene
Concen: 40.250 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

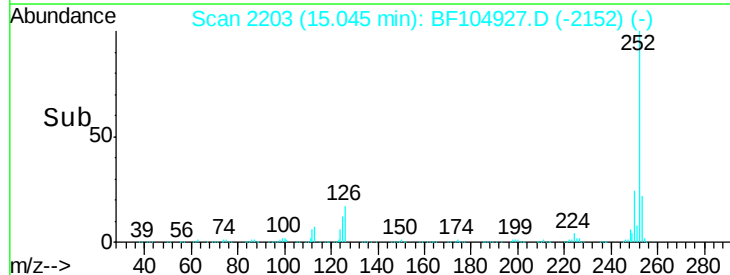
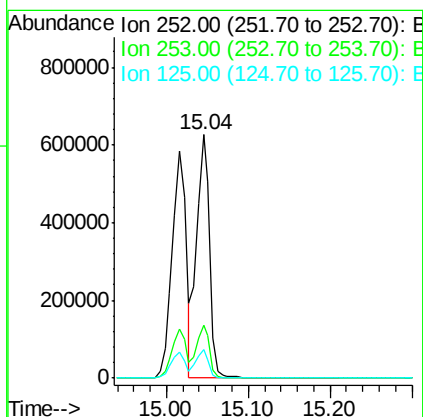
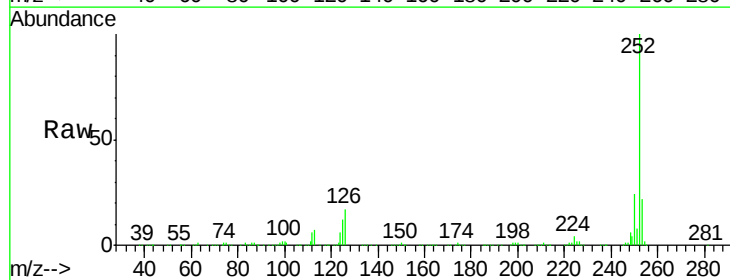
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 698097
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.439 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Tgt Ion:252 Resp: 694906
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.6 10.2 15.2

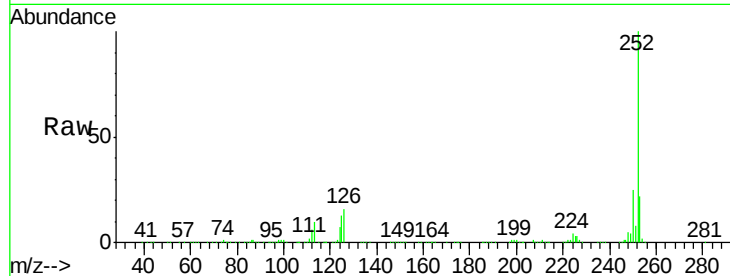




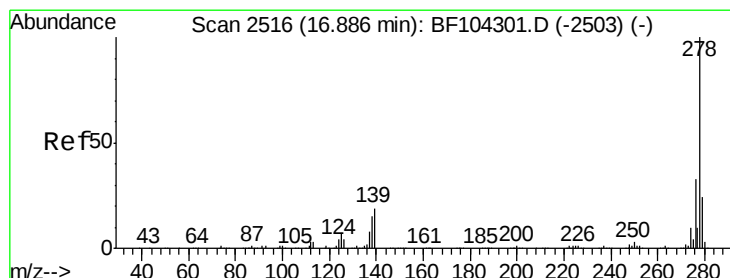
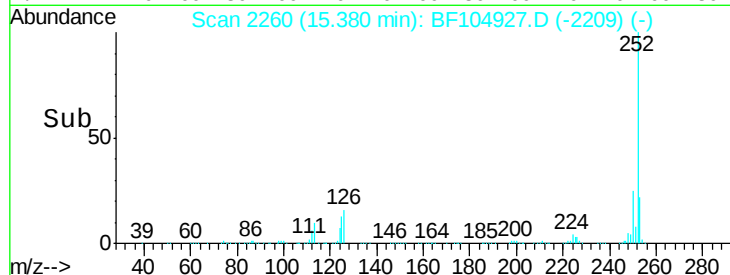
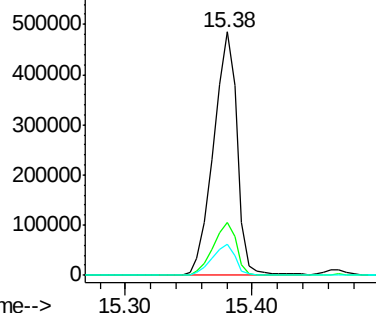
#89
Benzo(a)pyrene
Concen: 40.394 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 626856
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 12.6 9.8 14.6

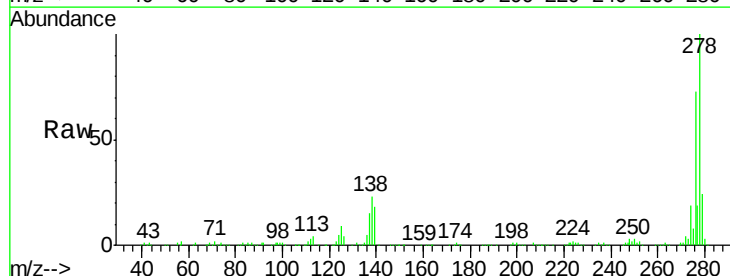


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

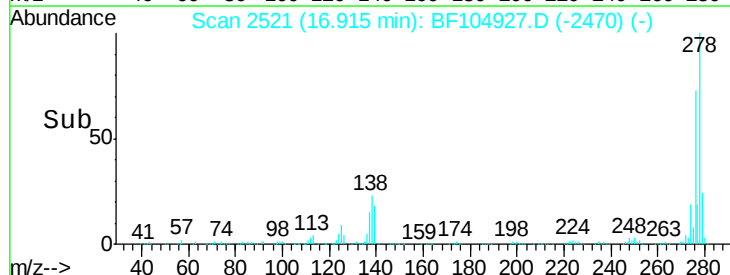
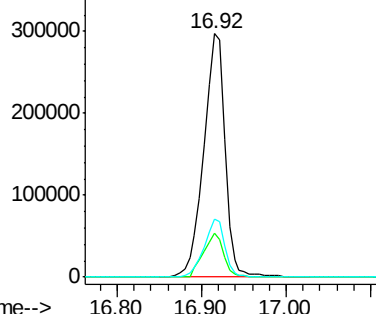


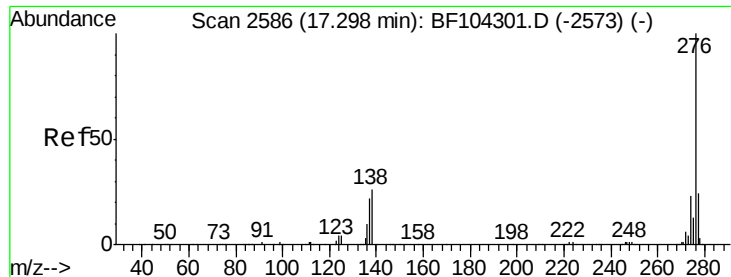
#90
Dibenzo(a,h)anthracene
Concen: 40.465 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BF104927.D
Acq: 30 Apr 2018 12:40

Tgt Ion:278 Resp: 515737
Ion Ratio Lower Upper
278 100
139 18.2 15.9 23.9
279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.191 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.00 min

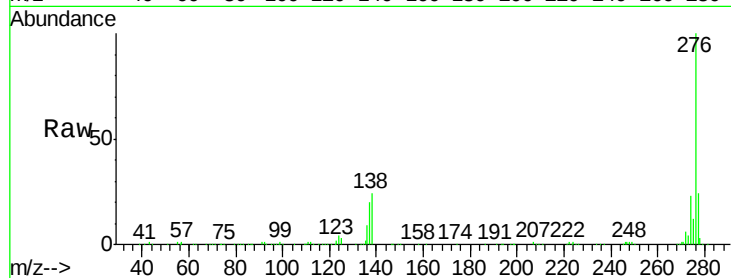
Lab File: BF104927.D

Acq: 30 Apr 2018 12:40

Instrument :

BNA_F

ClientSampleId :



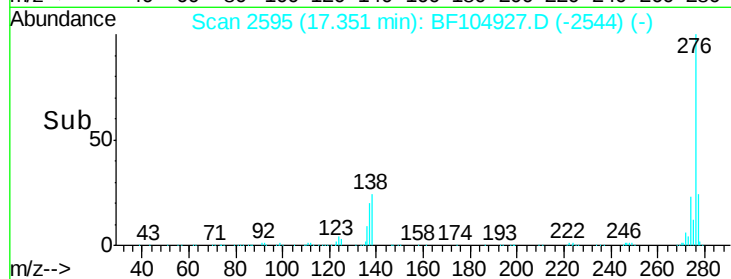
Tot Ion:276 Resp: 520980

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 23.7 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

