

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104623.D
 Acq On : 19 Apr 2018 11:39
 Operator : JU/SJ
 Sample : J2413-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MS

Quant Time: Apr 19 15:20:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	132923	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	512645	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	209738	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	305022	20.00	ng	0.00
75) Chrysene-d12	13.98	240	260379	20.00	ng	0.00
86) Perylene-d12	15.44	264	286692	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	604940	69.59	ng	0.01
7) Phenol-d6	6.45	99	703281	65.84	ng	0.00
23) Nitrobenzene-d5	7.37	82	448650	57.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	132550	60.92	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	697842	52.56	ng	0.00
78) Terphenyl-d14	12.92	244	503812	44.11	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	92526	22.842	ng	90
3) Pyridine	3.30	79	256817	22.550	ng	89
4) n-Nitrosodimethylamine	3.25	42	97353	24.454	ng	84
6) Aniline	6.46	93	155978	10.511	ng	# 10
8) 2-Chlorophenol	6.59	128	230942	25.170	ng	94
9) Benzaldehyde	6.35	77	132639	20.833	ng	99
10) Phenol	6.46	94	276256	24.376	ng	93
11) bis(2-Chloroethyl)ether	6.54	93	221859	24.532	ng	96
12) 1,3-Dichlorobenzene	6.75	146	247966	23.855	ng	99
13) 1,4-Dichlorobenzene	6.82	146	254159	24.529	ng	99
14) 1,2-Dichlorobenzene	6.97	146	236375	24.617	ng	98
15) Benzyl Alcohol	6.95	79	177902	21.929	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	276256	22.746	ng	89
17) 2-Methylphenol	7.06	107	178364	22.363	ng	97
18) Hexachloroethane	7.32	117	89777	24.301	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	151931	21.768	ng	93
20) 3+4-Methylphenols	7.22	107	219862	22.227	ng	95
22) Acetophenone	7.21	105	307831	24.390	ng	97
24) Nitrobenzene	7.39	77	231774	26.740	ng	99
25) Isophorone	7.63	82	422699	25.461	ng	99
26) 2-Nitrophenol	7.70	139	117422	33.276	ng	96
27) 2,4-Dimethylphenol	7.75	122	175004	23.885	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	267494	26.353	ng	98
29) 2,4-Dichlorophenol	7.95	162	166813	23.861	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	189373	24.683	ng	100
31) Naphthalene	8.11	128	634443	24.854	ng	99
33) 4-Chloroaniline	8.16	127	103086	9.426	ng	95
34) Hexachlorobutadiene	8.22	225	103226	24.564	ng	99
35) Caprolactam	8.51	113	54563	22.373	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	158590	21.156	ng	97
37) 2-Methylnaphthalene	8.80	142	406299	24.606	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	170423	28.385	ng	99
40) Hexachlorocyclopentadiene	8.95	237	133768	39.798	ng	98
42) 2,4,6-Trichlorophenol	9.08	196	104844	25.156	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.13	196	102111	21.894	nq	98
45) 1,1'-Biphenyl	9.26	154	458908	26.046	nq	99
46) 2-Chloronaphthalene	9.29	162	358681	25.773	nq	98
47) 2-Nitroaniline	9.39	65	91954	26.718	nq	97
48) Acenaphthylene	9.70	152	522582	23.933	nq	100
49) Dimethylphthalate	9.56	163	439904	26.597	nq	99
50) 2,6-Dinitrotoluene	9.63	165	84779	27.702	nq	98
51) Acenaphthene	9.87	154	306962	23.041	nq	99
52) 3-Nitroaniline	9.80	138	60506	16.888	nq	100
53) 2,4-Dinitrophenol	9.91	184	4792	10.652	nq	# 21
54) Dibenzofuran	10.05	168	451973	24.344	nq	98
55) 4-Nitrophenol	9.97	139	103583	36.804	nq	96
56) 2,4-Dinitrotoluene	10.03	165	104656	26.070	nq	90
57) Fluorene	10.39	166	339466	25.120	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	74270	21.345	nq	94
59) Diethylphthalate	10.26	149	362308	21.995	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	154817	25.724	nq	95
61) 4-Nitroaniline	10.41	138	63828	18.220	nq	94
62) Azobenzene	10.55	77	339258	21.558	nq	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	11592	13.956	nq	79
65) n-Nitrosodiphenylamine	10.50	169	277982	26.284	nq	98
66) 4-Bromophenyl-phenylether	10.87	248	88962	27.420	nq	90
67) Hexachlorobenzene	10.94	284	105314	28.848	nq	# 89
68) Atrazine	11.03	200	77136	24.163	nq	99
69) Pentachlorophenol	11.14	266	76853	34.028	nq	98
70) Phenanthrene	11.36	178	427108	25.144	nq	98
71) Anthracene	11.41	178	439356	25.445	nq	98
72) Carbazole	11.56	167	370524	21.960	nq	100
73) Di-n-butylphthalate	11.89	149	481183	23.346	nq	98
74) Fluoranthene	12.54	202	408745	23.031	nq	99
76) Benzidine	12.67	184	84888	5.312	nq	99
77) Pyrene	12.77	202	413166	21.407	nq	99
79) Butylbenzylphthalate	13.39	149	202753	22.299	nq	97
80) Benzo(a)anthracene	13.97	228	405583	26.074	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	123379	21.273	nq	97
82) Chrysene	14.00	228	394870	24.714	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	285906	24.446	nq	99
84) Di-n-octyl phthalate	14.57	149	522930	26.759	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.89	276	413999	30.502	nq	98
87) Benzo(b)fluoranthene	15.02	252	416721	23.014	nq	97
88) Benzo(k)fluoranthene	15.04	252	423416	24.769	nq	98
89) Benzo(a)pyrene	15.38	252	412584	25.466	nq	99
90) Dibenzo(a,h)anthracene	16.90	278	342228	25.720	nq	99
91) Benzo(g,h,i)perylene	17.33	276	334996	25.986	nq	96

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

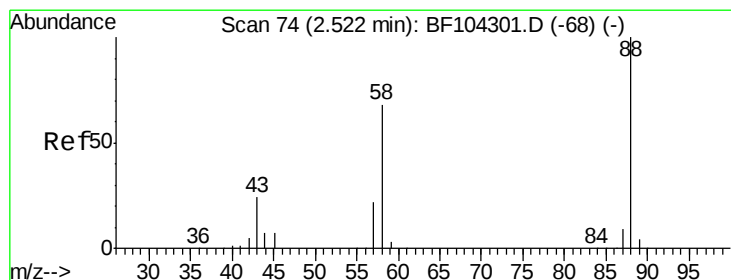
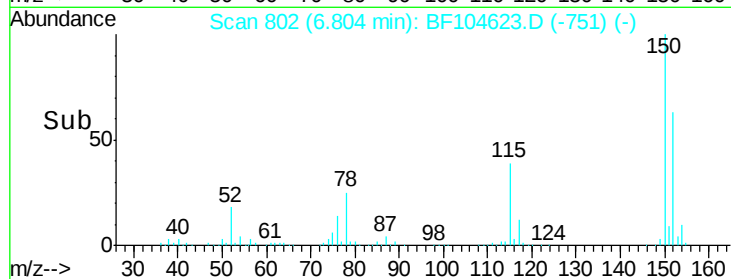
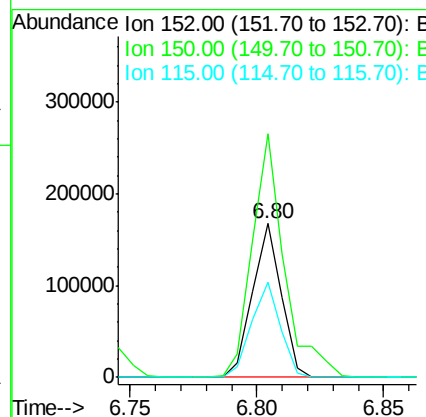
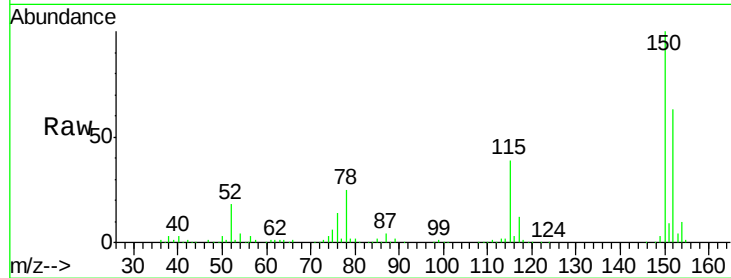


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

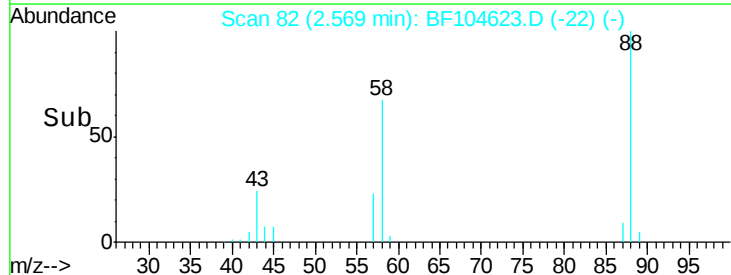
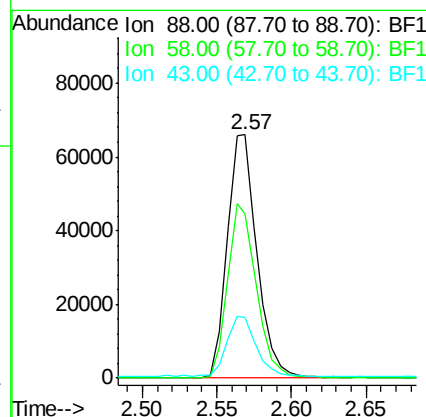
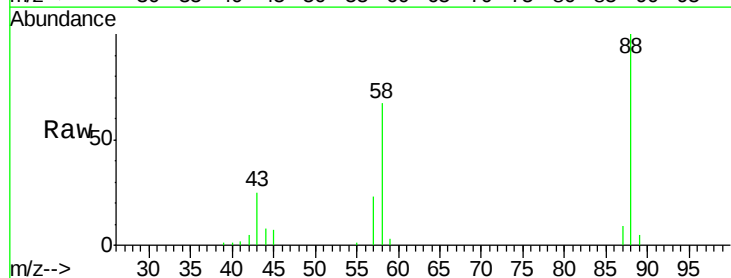
Tot Ion:152 Resp: 132923
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 62.0 50.1 75.1

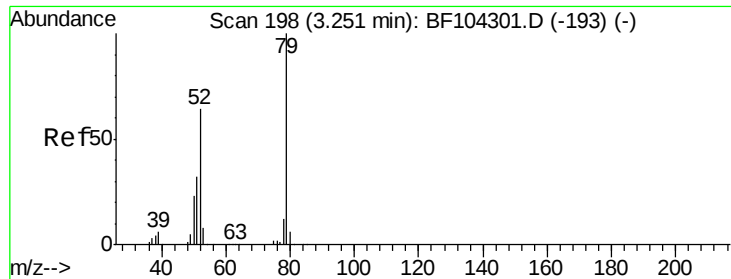


#2

1,4-Dioxane
Concen: 22.842 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.05 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion: 88 Resp: 92526
Ion Ratio Lower Upper
88 100
58 69.4 62.6 93.8
43 24.7 24.6 37.0

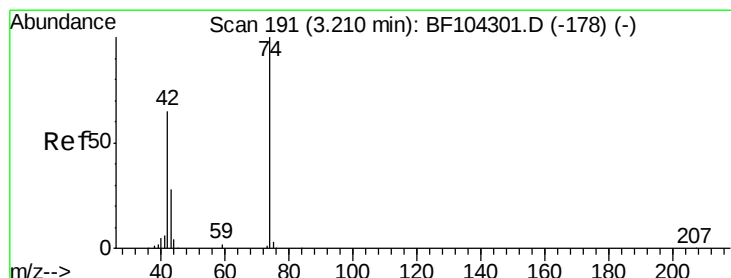
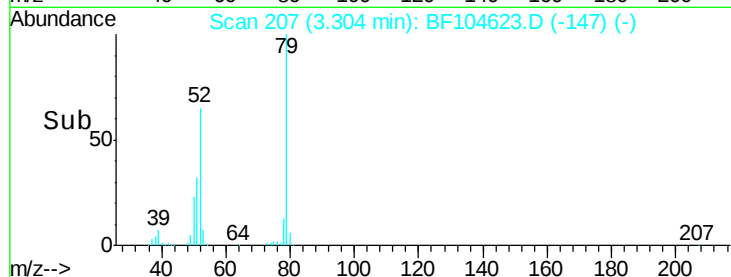
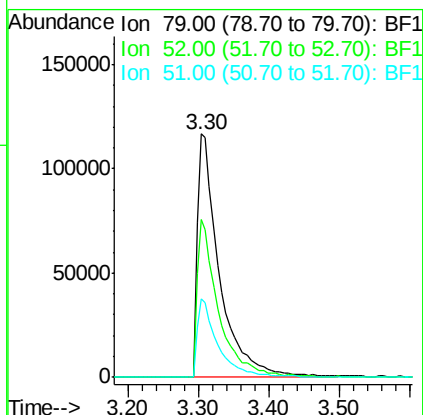
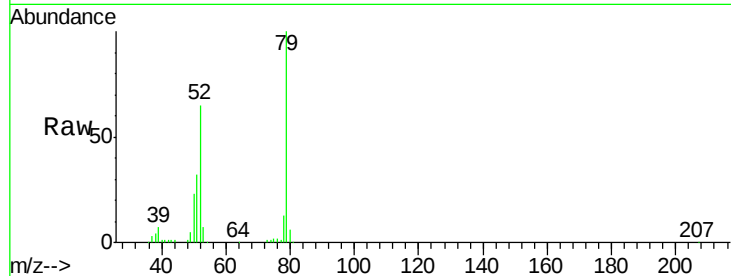




#3
Pvrirdine
Concen: 22.550 ng
RT: 3.30 min Scan# 207
Delta R.T. 0.05 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

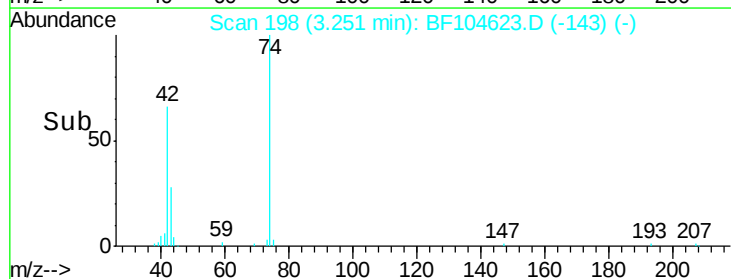
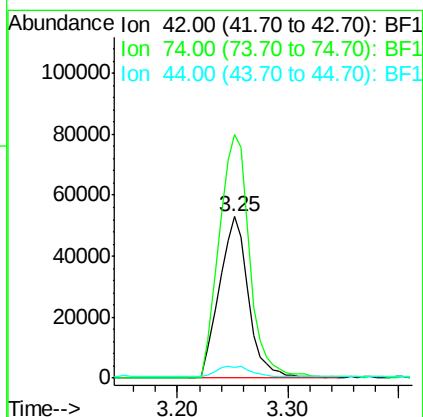
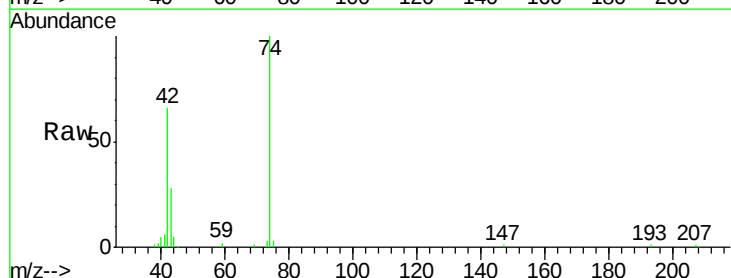
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

Tot Ion: 79 Resp: 256817
Ion Ratio Lower Upper
79 100
52 64.6 59.8 89.6
51 32.4 29.8 44.8



#4
n-Nitrosodimethylamine
Concen: 24.454 ng
RT: 3.25 min Scan# 198
Delta R.T. 0.02 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion: 42 Resp: 97353
Ion Ratio Lower Upper
42 100
74 150.8 104.9 157.3
44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 69.588 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

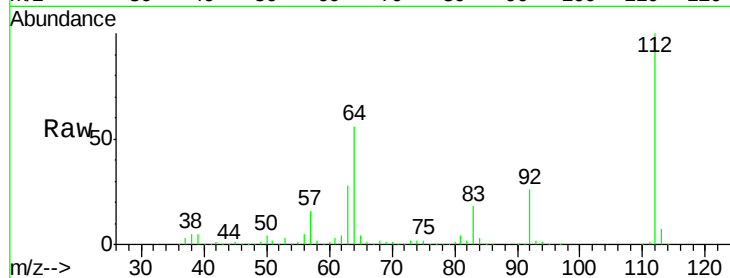
Tot Ion:112 Resp: 604940

Ion Ratio Lower Upper

112 100

64 55.8 47.9 71.9

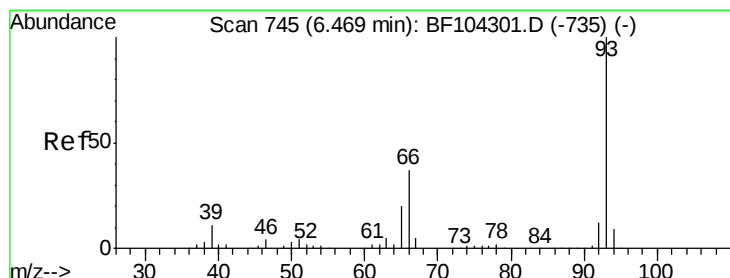
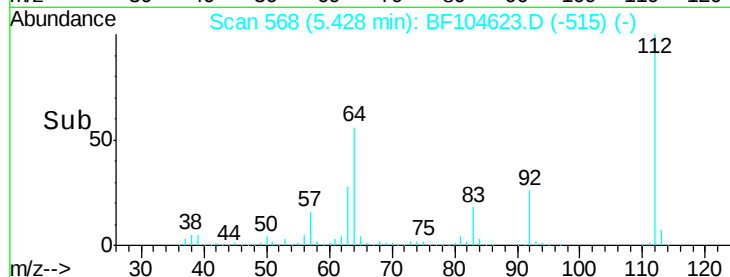
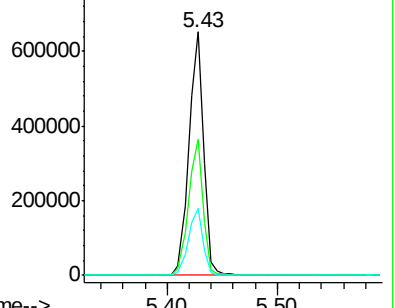
63 27.7 23.7 35.5



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: 10.511 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

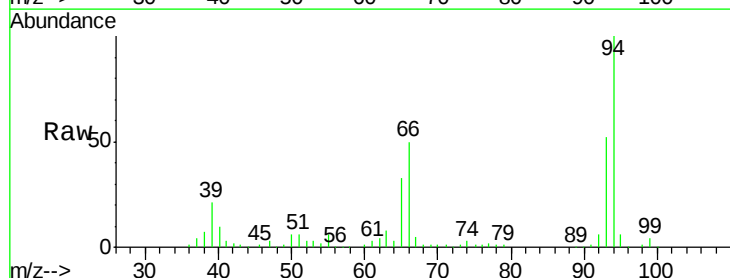
Tgt Ion: 93 Resp: 155978

Ion Ratio Lower Upper

93 100

66 95.4 32.2 48.2#

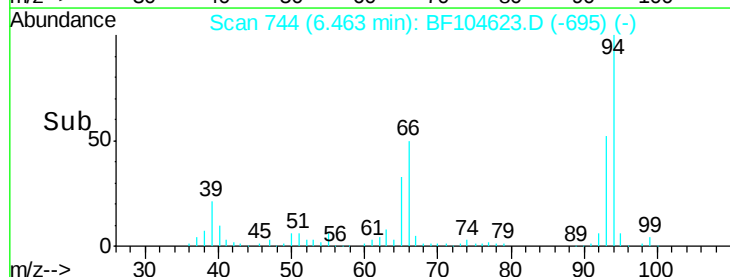
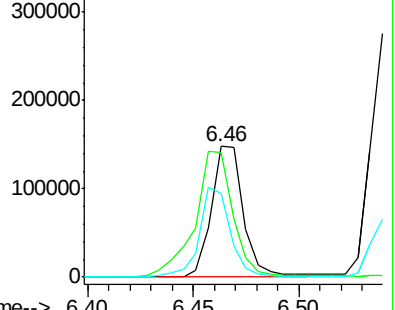
65 63.6 16.4 24.6#



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: 65.844 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

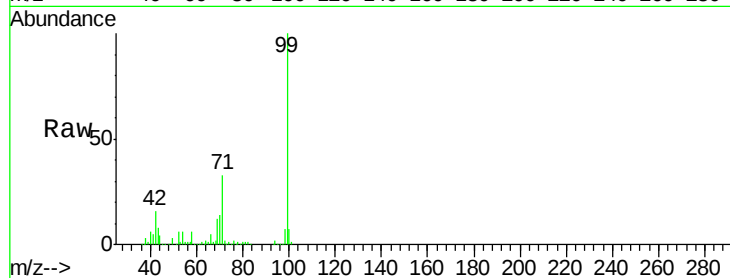
Tot Ion: 99 Resp: 703281

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

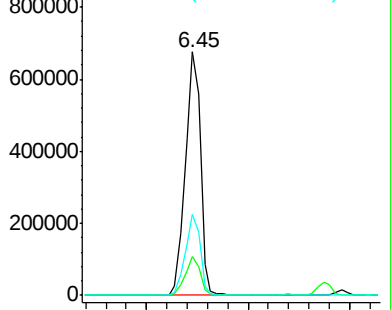
71 33.4 25.4 38.0



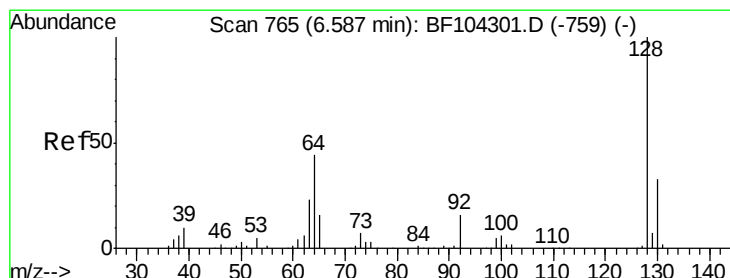
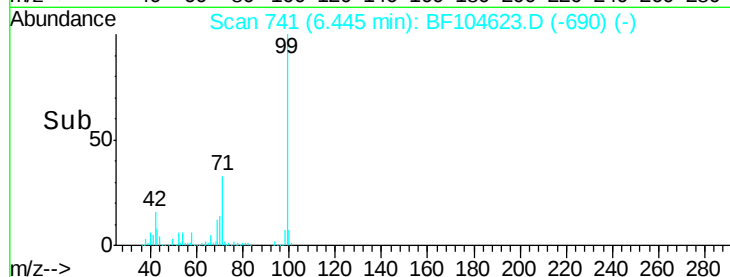
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 25.170 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

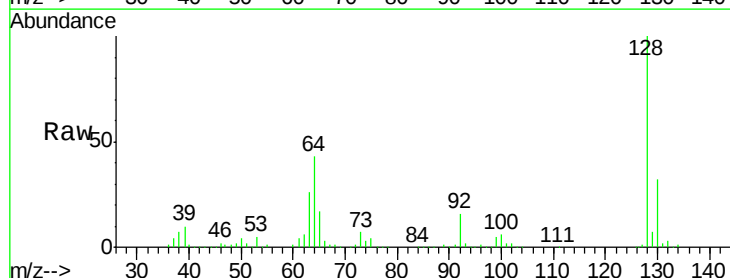
Tgt Ion: 128 Resp: 230942

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

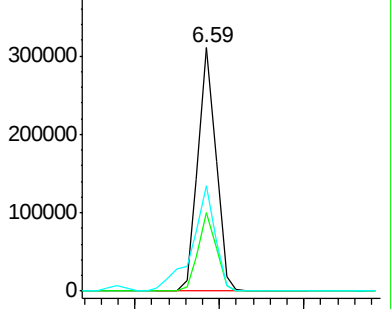
64 43.2 29.4 69.4



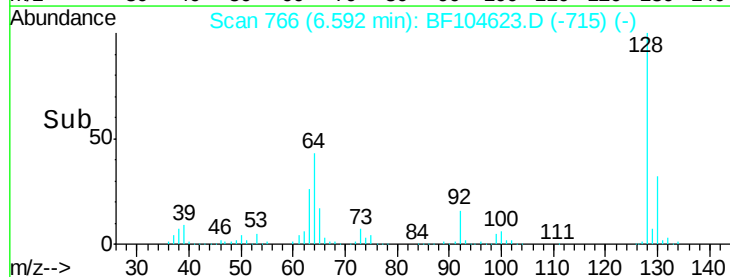
Abundance Ion 128.00 (127.70 to 128.70): E

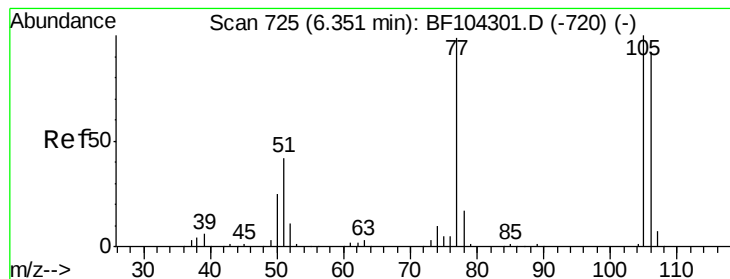
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



Time-->





#9

Benzaldehyde

Concen: 20.833 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

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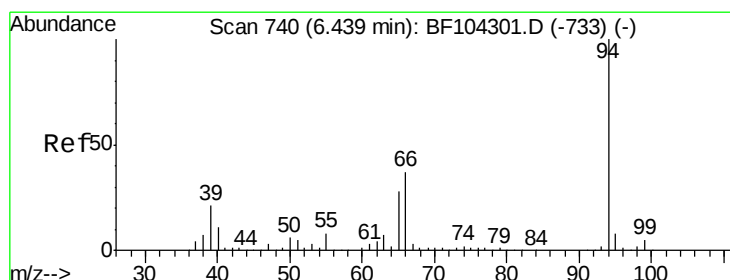
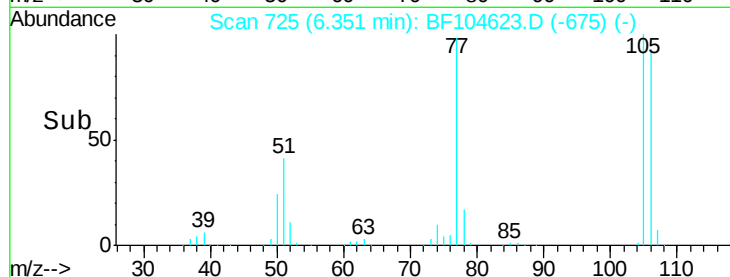
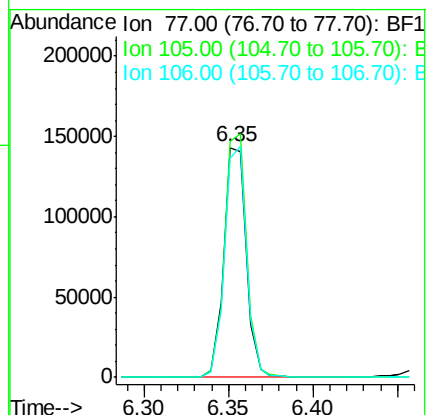
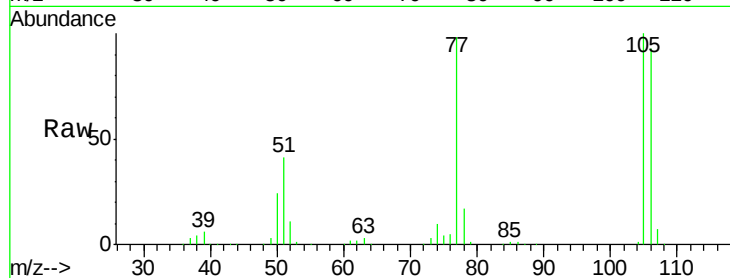
Tot Ion: 77 Resp: 132639

Ion Ratio Lower Upper

77 100

105 102.5 81.1 121.1

106 95.7 74.5 114.5



#10

Phenol

Concen: 24.376 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

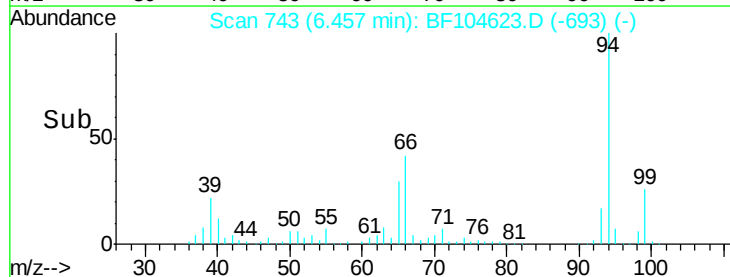
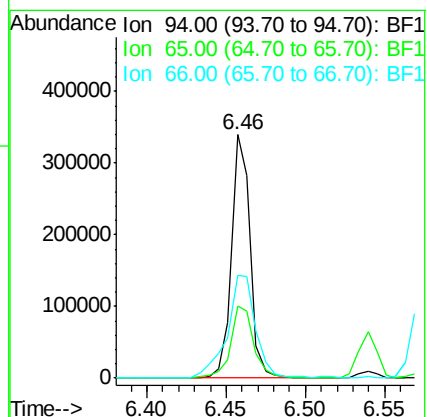
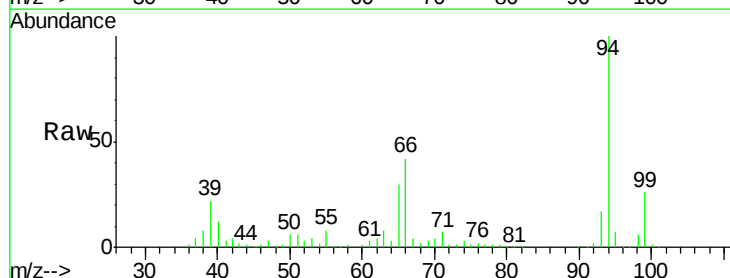
Tgt Ion: 94 Resp: 276256

Ion Ratio Lower Upper

94 100

65 29.8 7.9 47.9

66 42.1 16.2 56.2

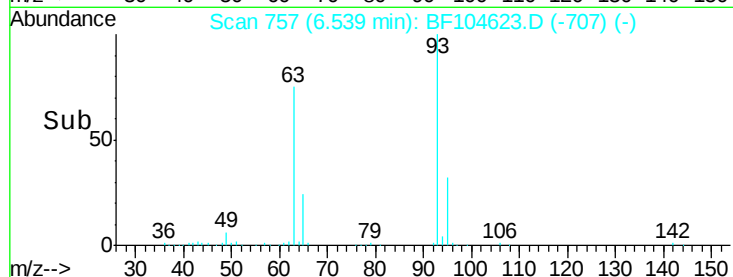
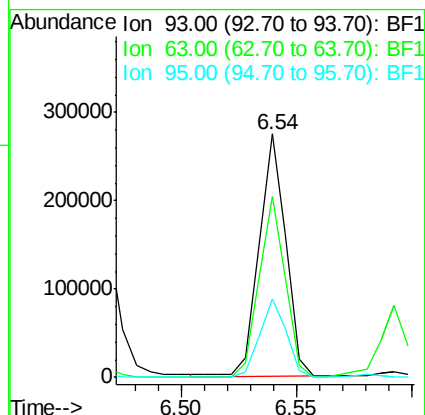
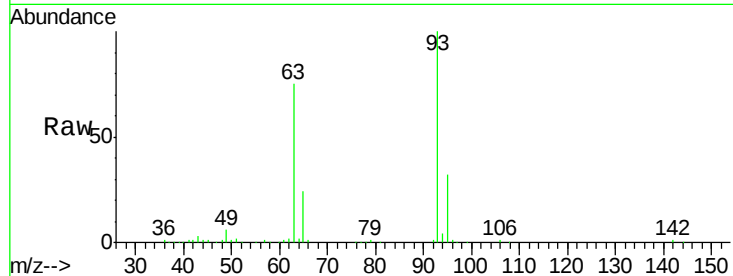




#11
 bis(2-Chloroethyl)ether
 Concen: 24.532 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

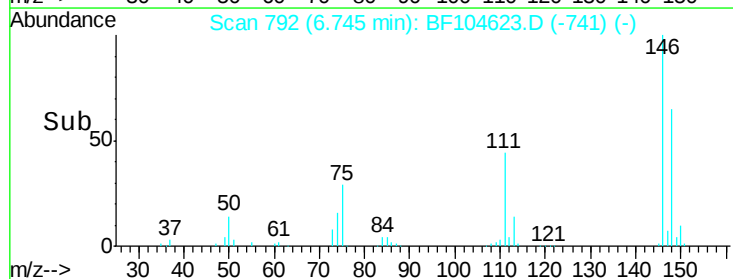
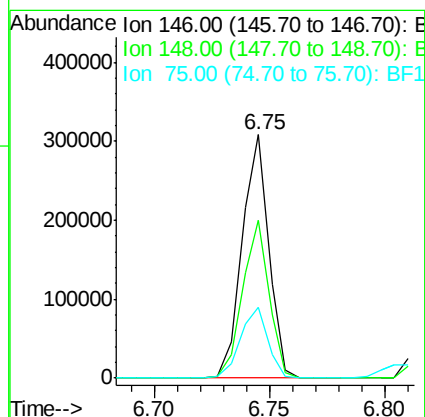
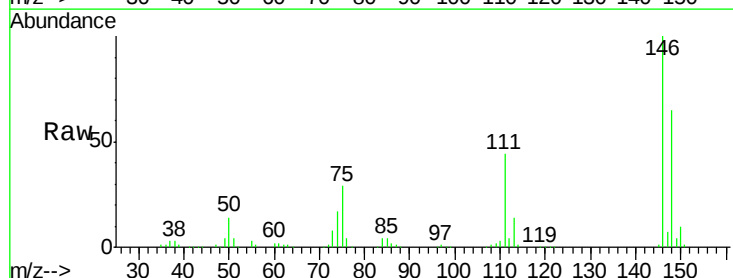
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MS

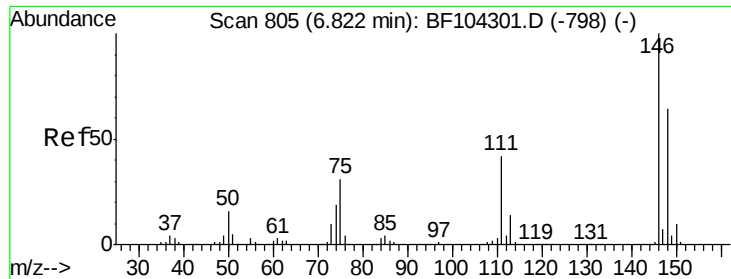
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.5	58.6	98.6
95	32.3	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 23.855 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	29.0	24.2	36.4

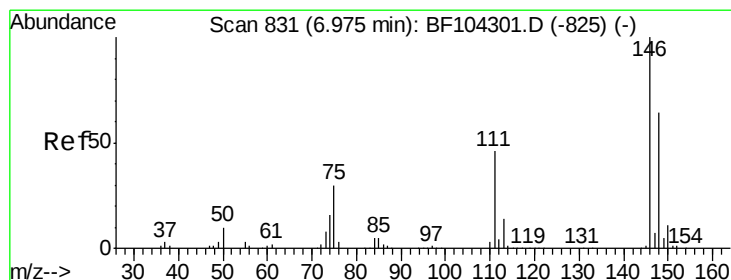
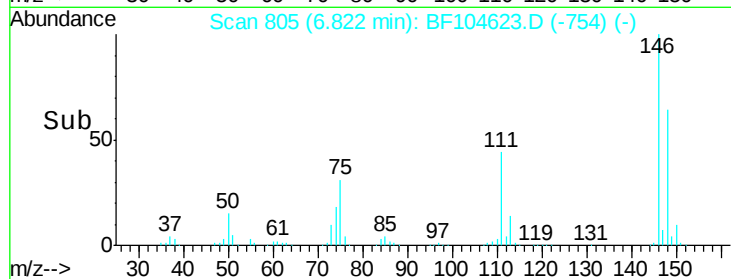
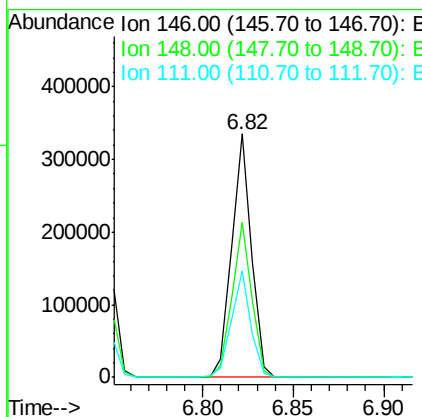
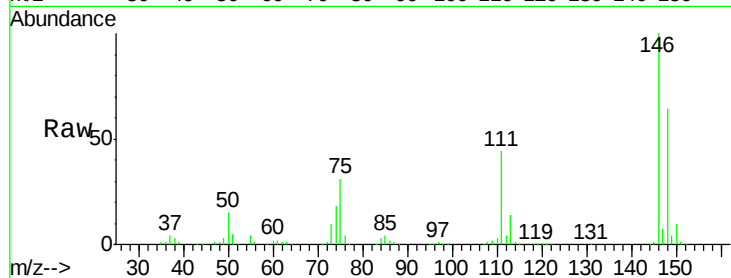




#13
 1,4-Dichlorobenzene
 Concen: 24.529 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

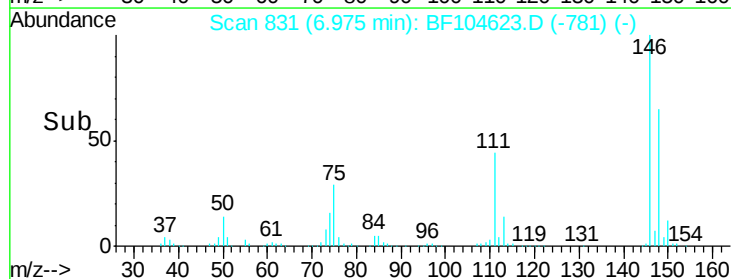
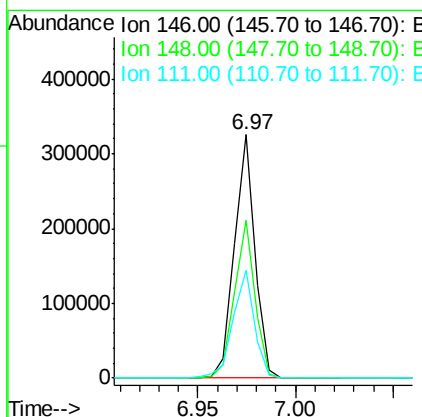
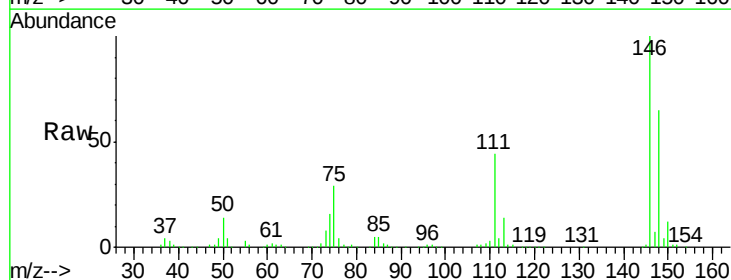
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MS

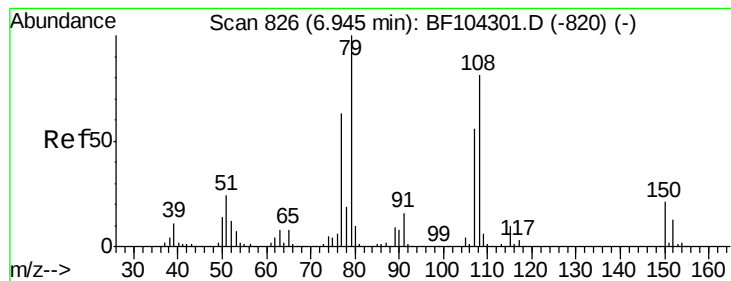
Tot Ion:146 Resp: 254159
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 43.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 24.617 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

Tgt Ion:146 Resp: 236375
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 75.8
 111 44.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 21.929 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

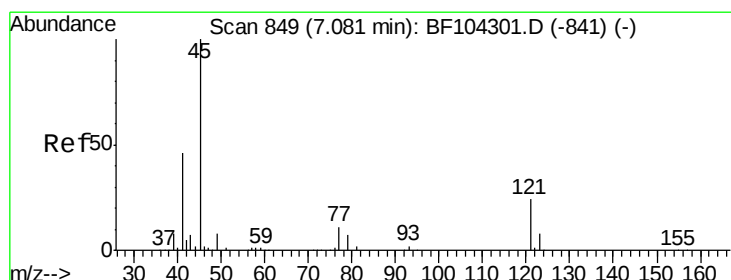
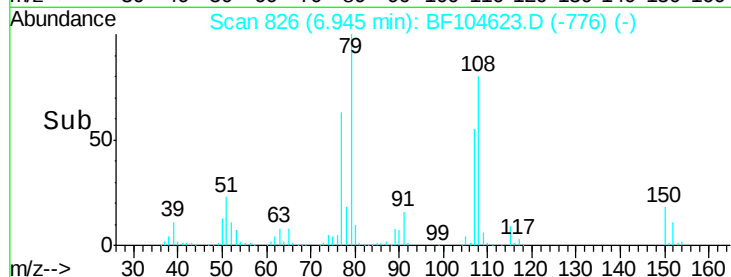
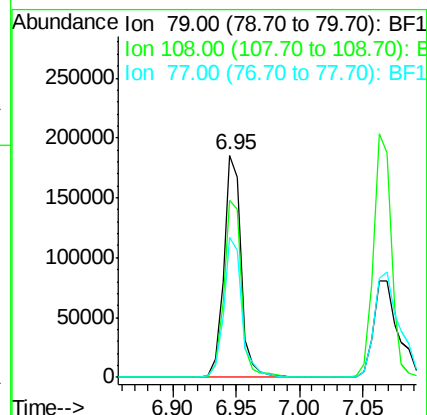
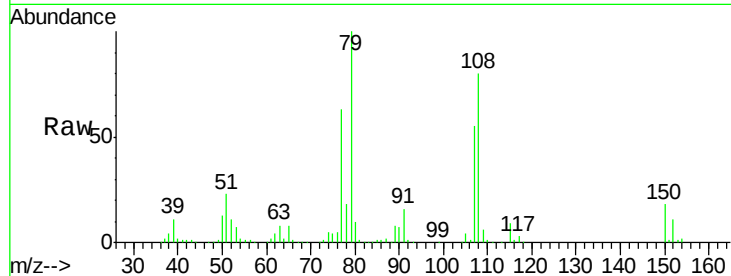
Tot Ion: 79 Resp: 177902

Ion Ratio Lower Upper

79 100

108 79.7 65.1 97.7

77 63.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.746 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

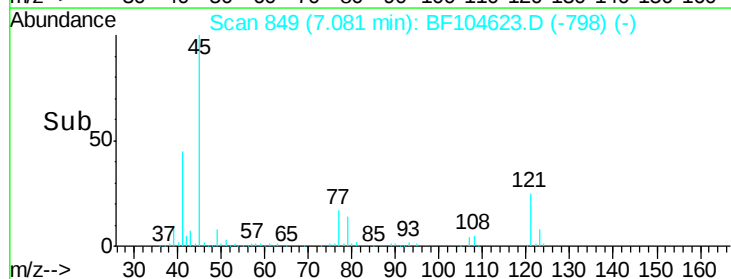
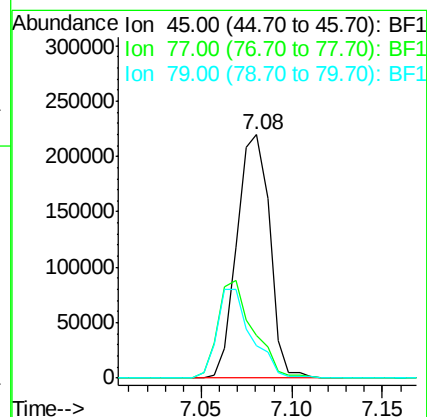
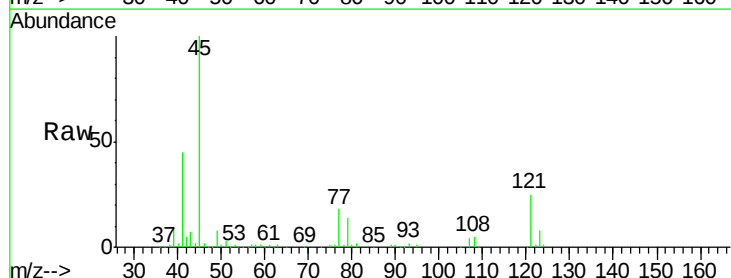
Tgt Ion: 45 Resp: 276256

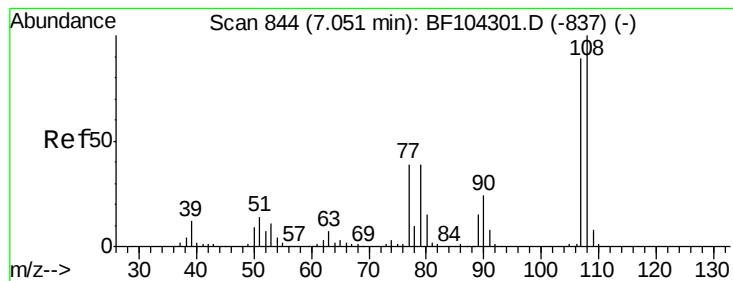
Ion Ratio Lower Upper

45 100

77 17.5 0.0 32.9

79 13.5 0.0 29.6





#17

2-Methylphenol

Concen: 22.363 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

Tot Ion:107 Resp: 178364

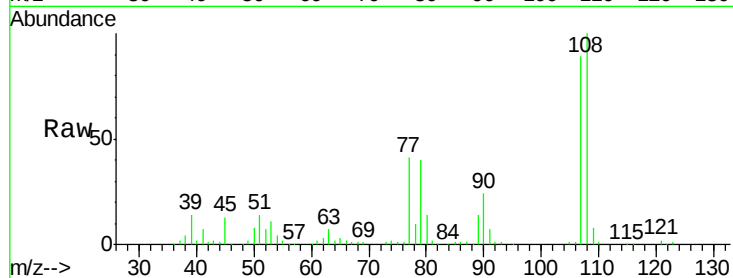
Ion Ratio Lower Upper

107 100

108 112.0 91.7 137.5

77 45.6 33.8 50.8

79 44.3 33.8 50.8

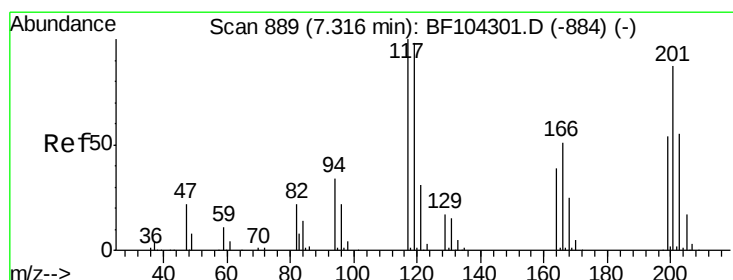
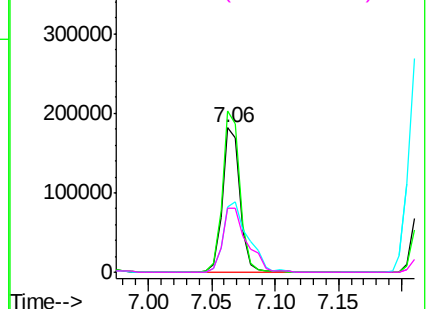
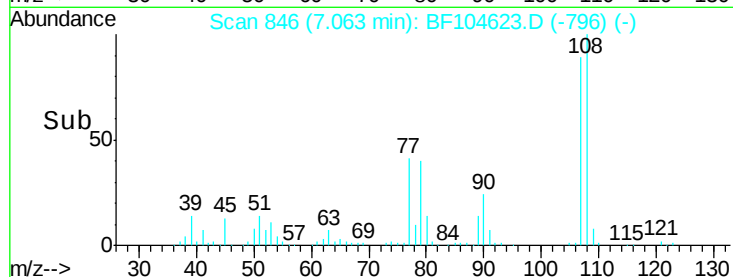


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 24.301 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

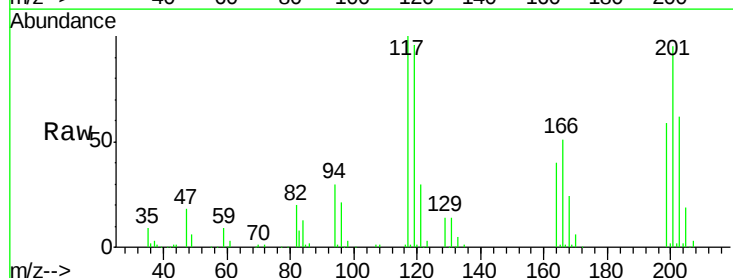
Tgt Ion:117 Resp: 89777

Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.8

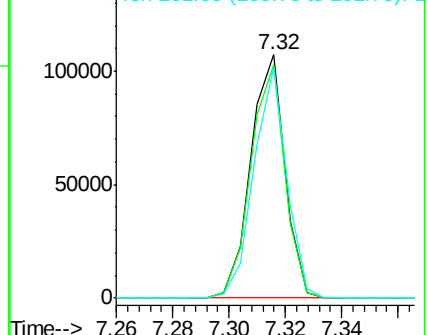
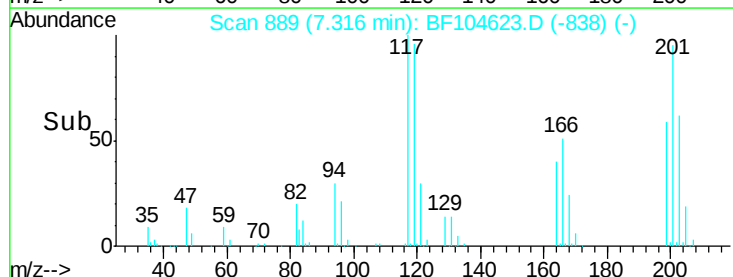
201 94.9 75.7 113.5

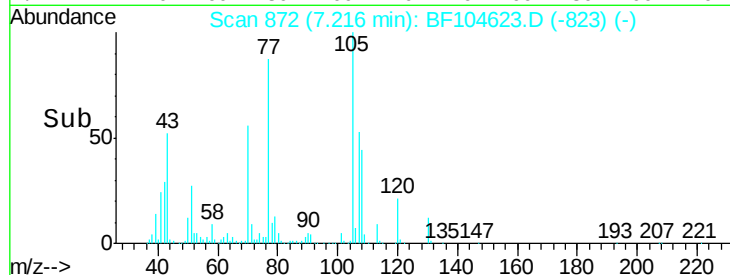
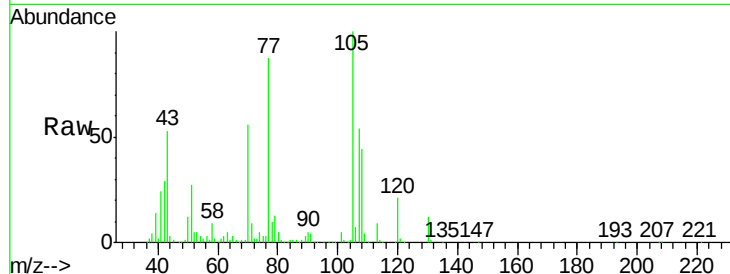
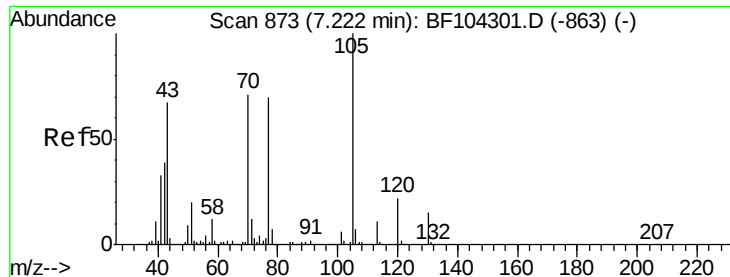


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

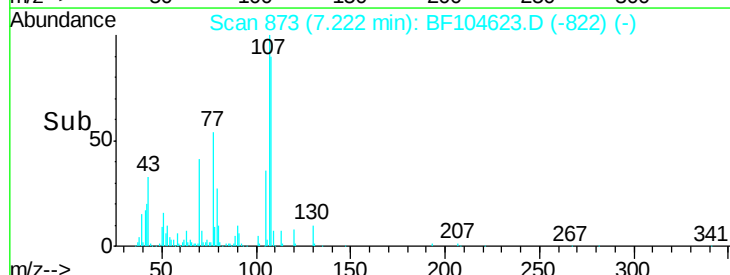
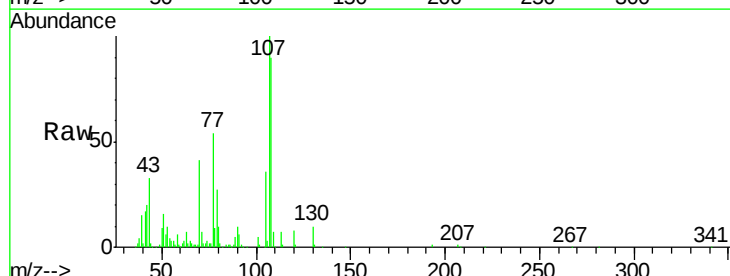
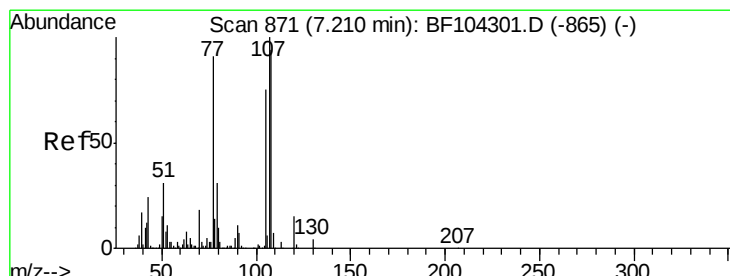
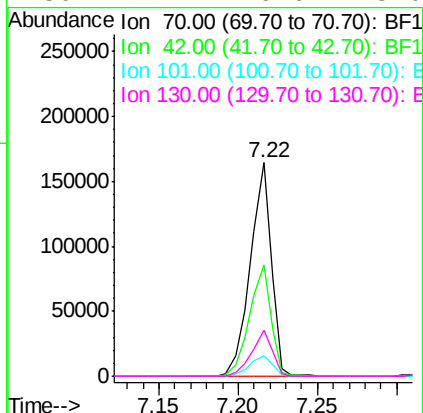




#19
n-Nitroso-di-n-propylamine
Concen: 21.768 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

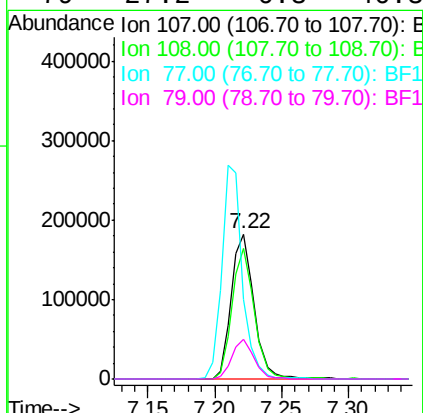
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

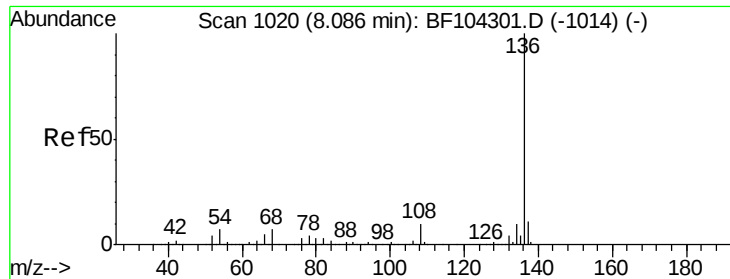
Tot Ion: 70 Resp: 151931
Ion Ratio Lower Upper
70 100
42 52.3 47.5 71.3
101 9.4 7.4 11.2
130 21.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 22.227 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion:107 Resp: 219862
Ion Ratio Lower Upper
107 100
108 90.4 68.2 108.2
77 54.3 26.7 66.7
79 27.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

Tot Ion:136 Resp: 512645

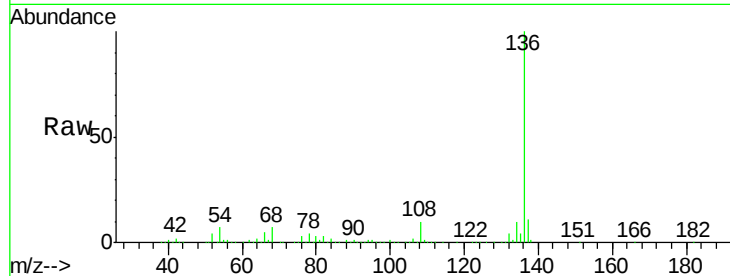
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.2 6.6 9.8

68 6.6 5.0 7.4

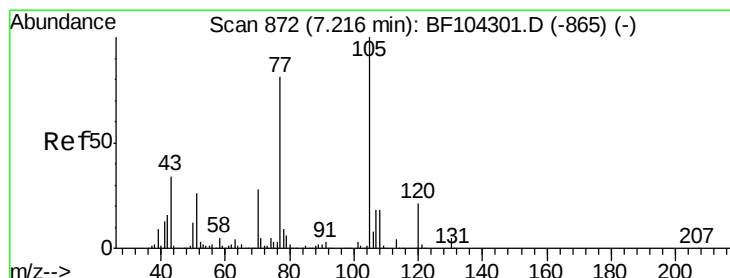
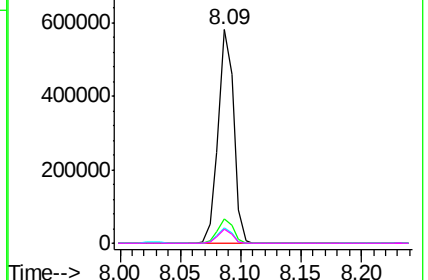
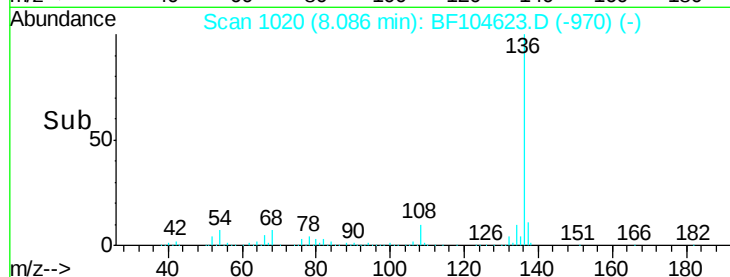


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 24.390 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Tgt Ion:105 Resp: 307831

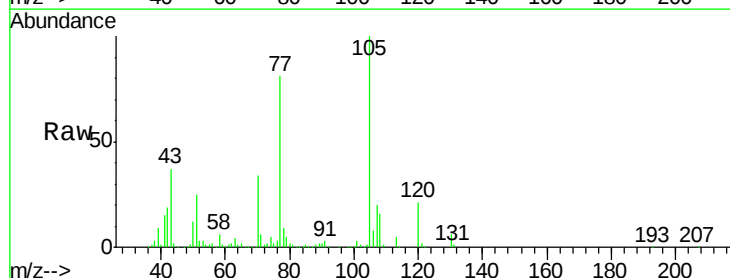
Ion Ratio Lower Upper

105 100

71 5.9 4.4 6.6

51 25.5 22.3 33.5

120 20.6 16.9 25.3

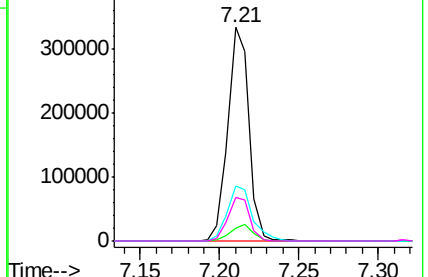
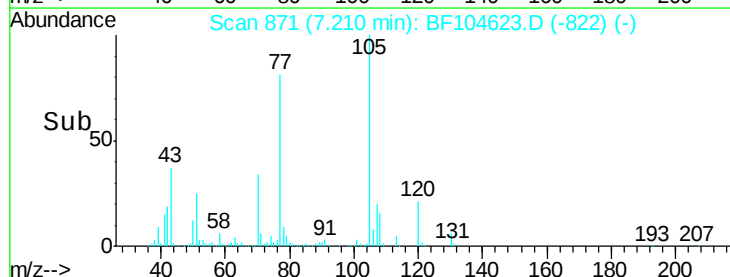


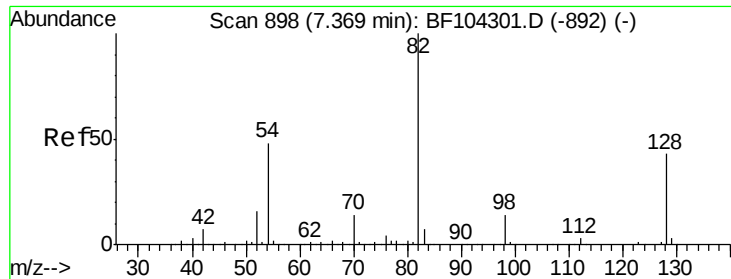
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

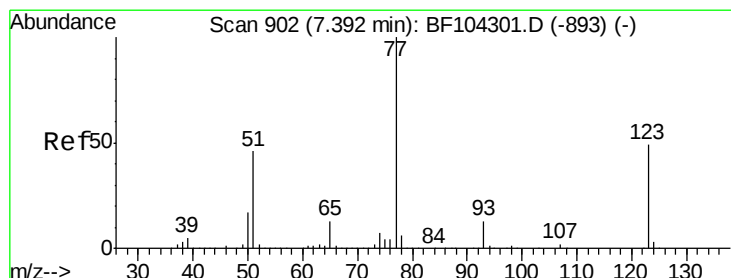
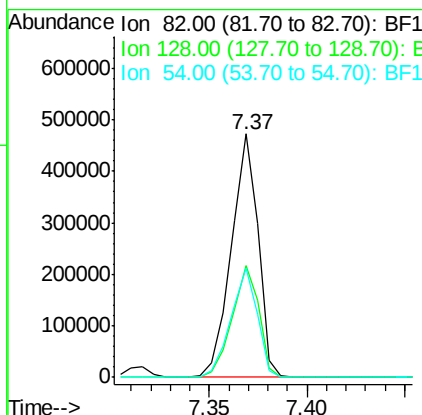
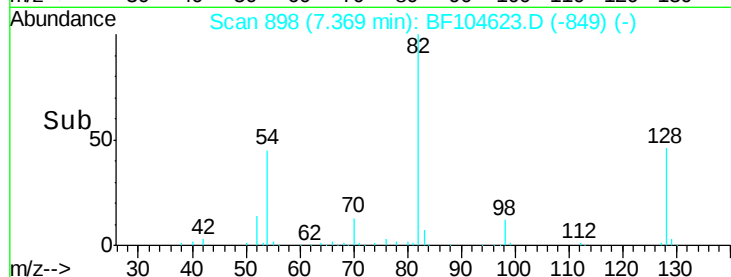
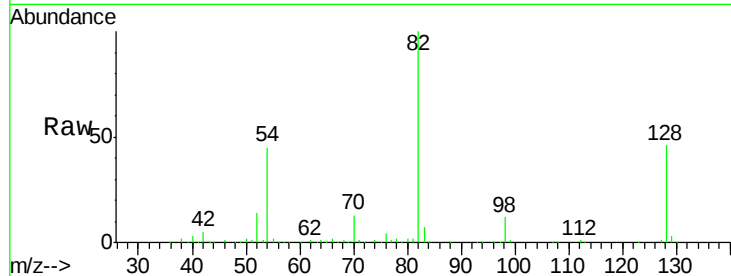




#23
 Nitrobenzene-d5
 Concen: 57.147 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

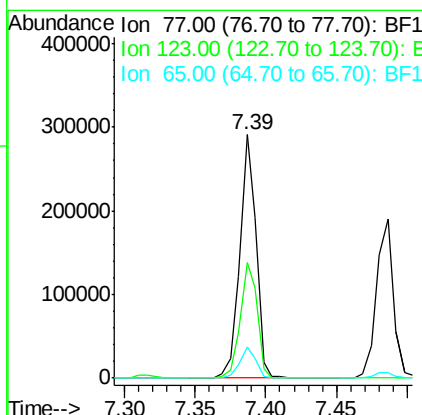
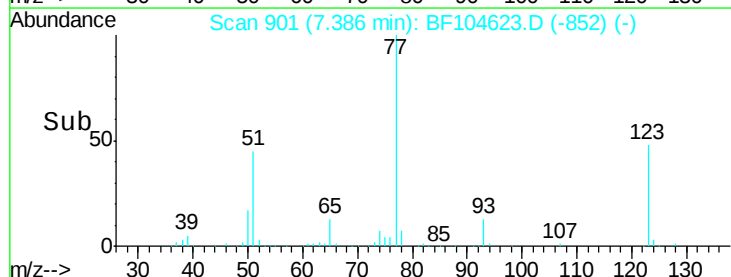
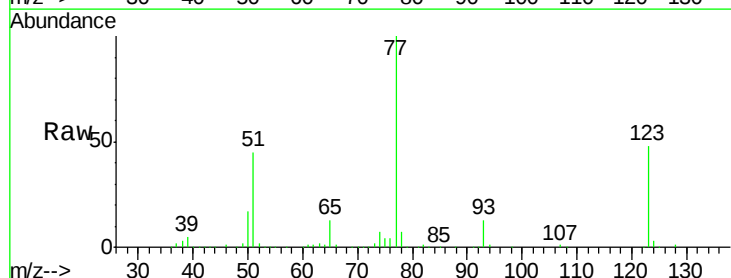
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MS

Tot Ion: 82 Resp: 448650
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 45.0 41.4 62.2



#24
 Nitrobenzene
 Concen: 26.740 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

Tgt Ion: 77 Resp: 231774
 Ion Ratio Lower Upper
 77 100
 123 47.5 37.9 56.9
 65 12.9 11.0 16.4





#25

Isophorone

Concen: 25.461 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

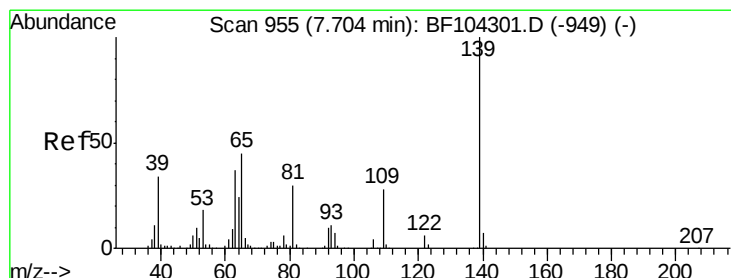
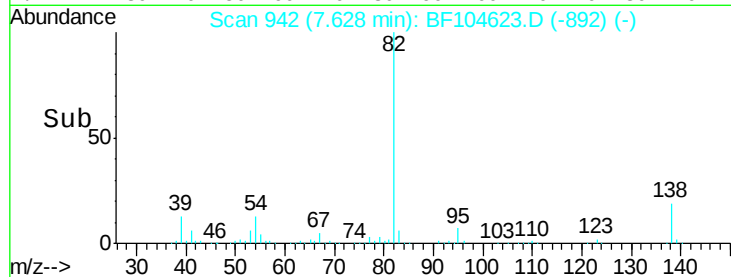
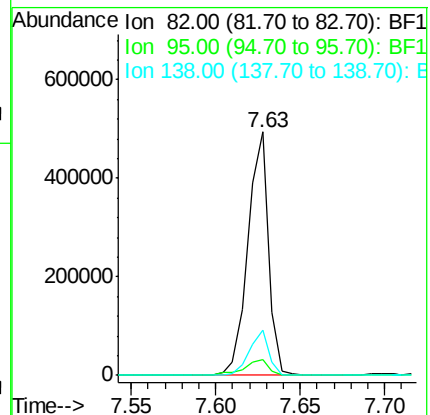
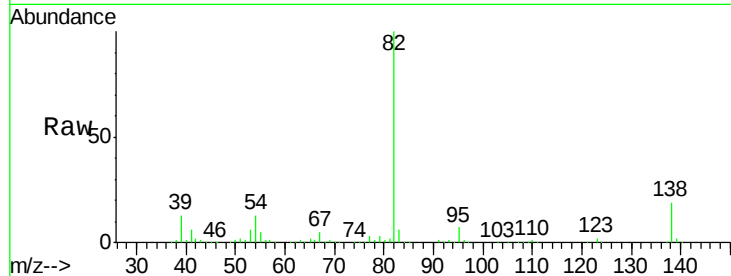
Tot Ion: 82 Resp: 422699

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 33.276 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

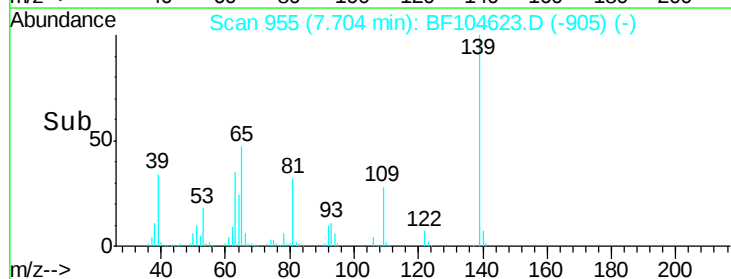
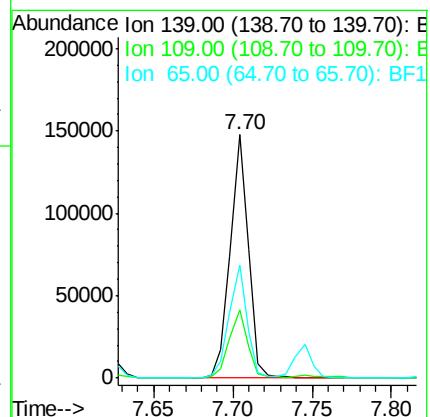
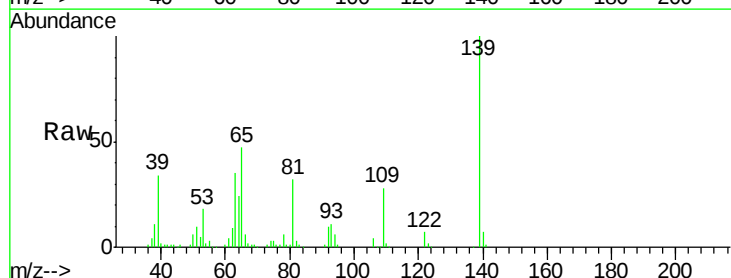
Tgt Ion: 139 Resp: 117422

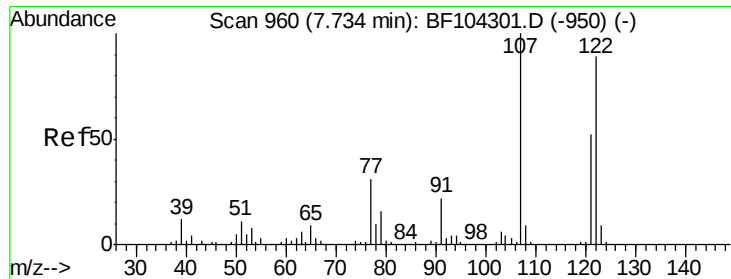
Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

65 46.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 23.885 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

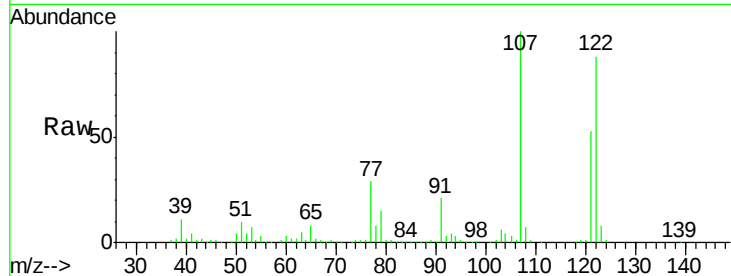
Tot Ion:122 Resp: 175004

Ion Ratio Lower Upper

122 100

107 114.1 91.2 136.8

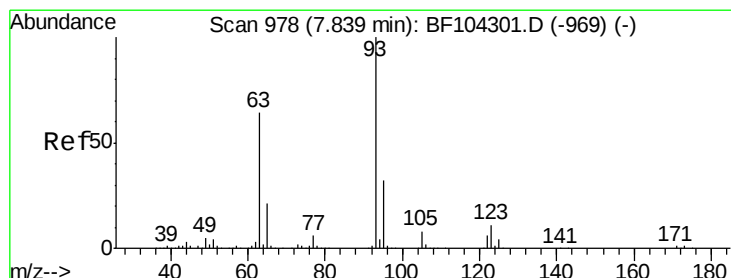
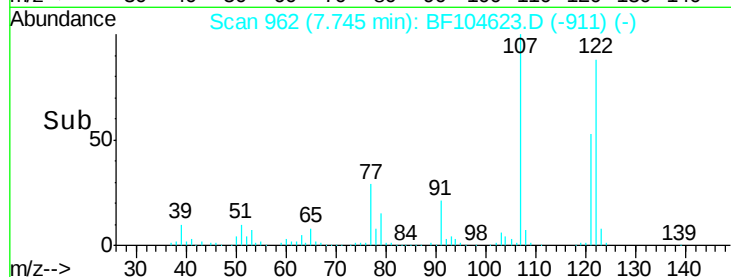
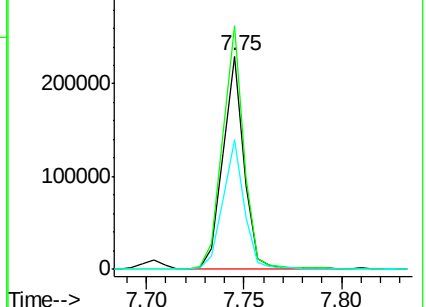
121 60.6 47.2 70.8



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: 26.353 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

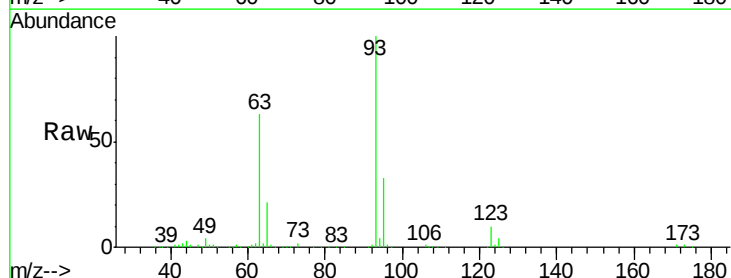
Tgt Ion: 93 Resp: 267494

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

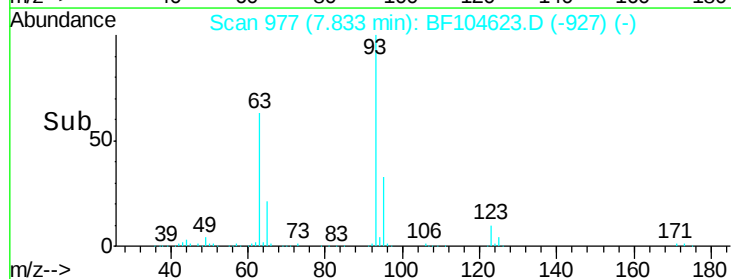
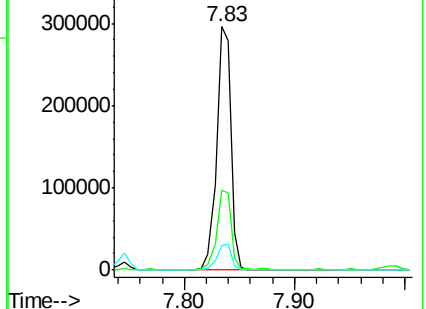
123 10.0 9.8 14.6



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

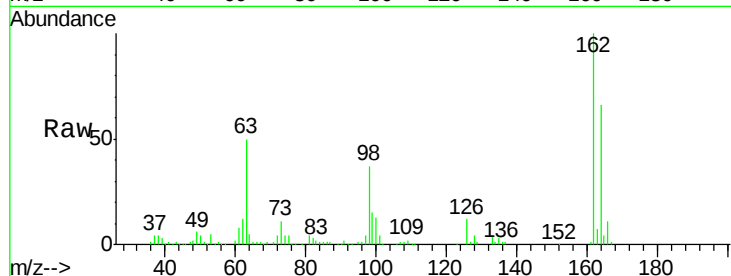




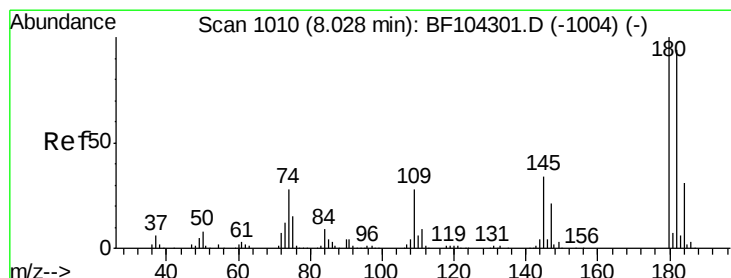
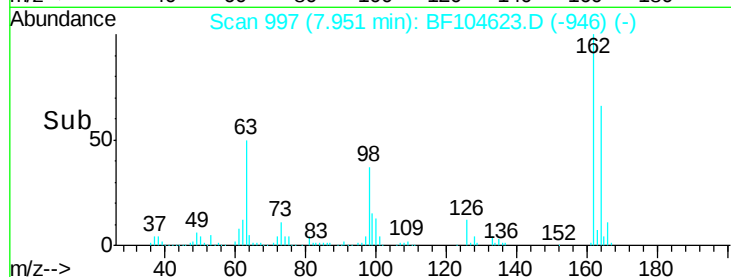
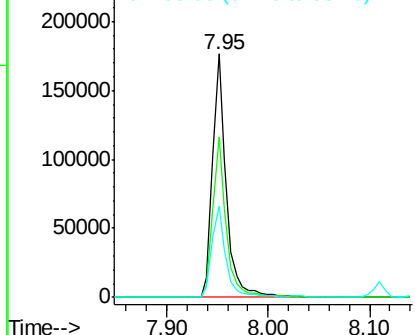
#29
2,4-Dichlorophenol
Concen: 23.861 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	42.7	82.7
98	37.5	18.1	58.1

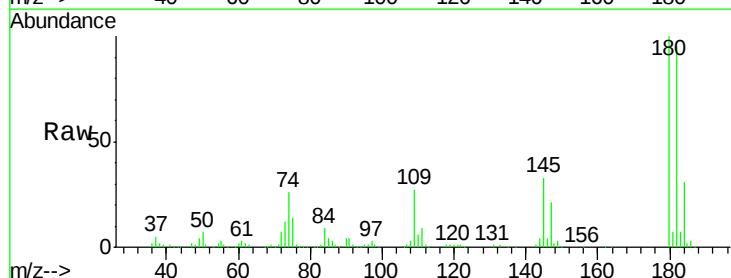


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

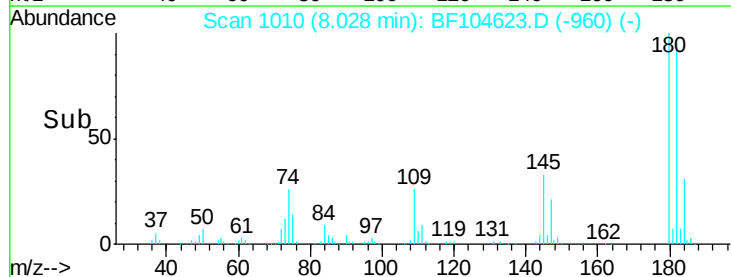
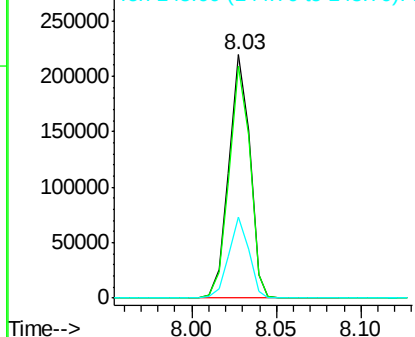


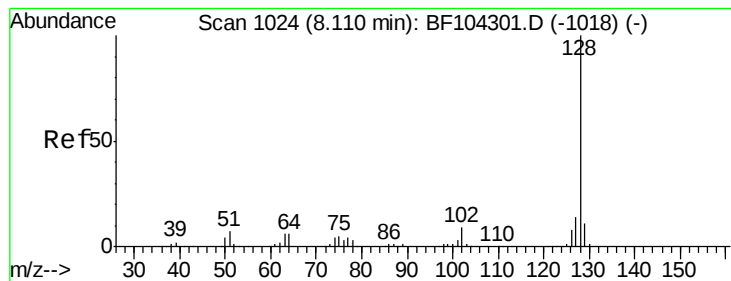
#30
1,2,4-Trichlorobenzene
Concen: 24.683 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	33.2	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: 24.854 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

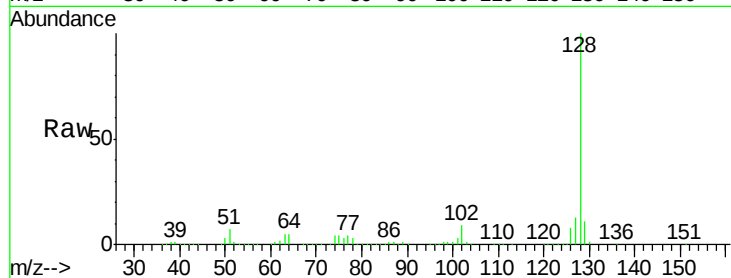
Tot Ion:128 Resp: 634443

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

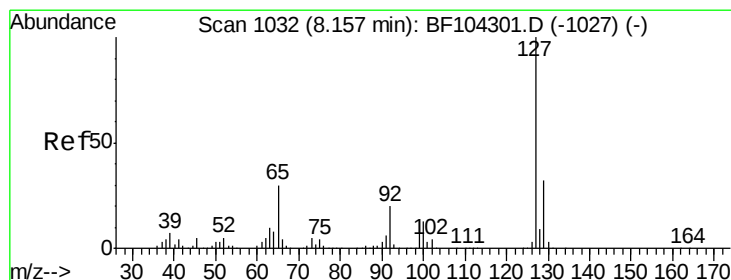
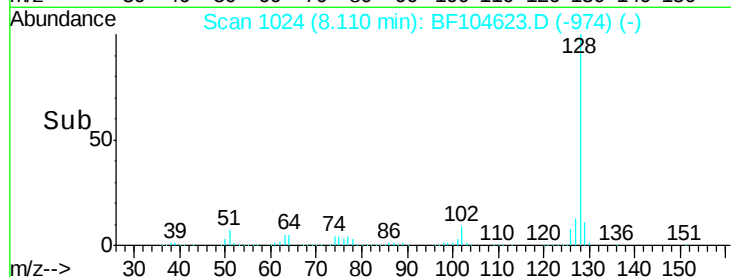
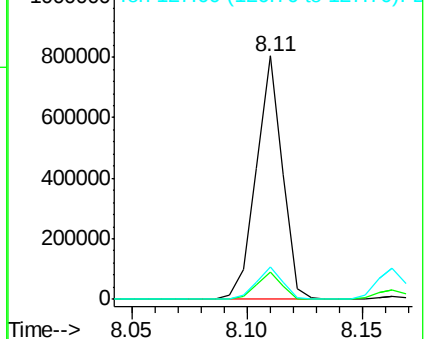
127 13.2 10.9 16.3



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



#33

4-Chloroaniline

Concen: 9.426 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Tgt Ion:127 Resp: 103086

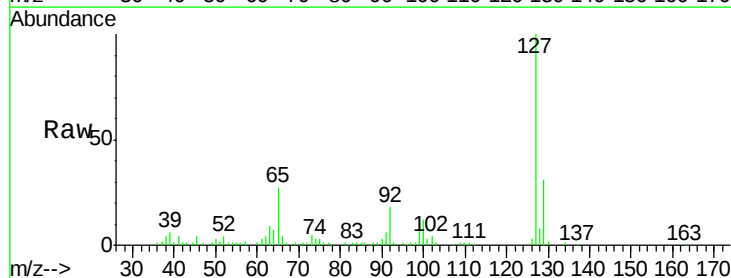
Ion Ratio Lower Upper

127 100

129 31.0 25.9 38.9

65 26.7 25.0 37.4

92 18.0 15.2 22.8

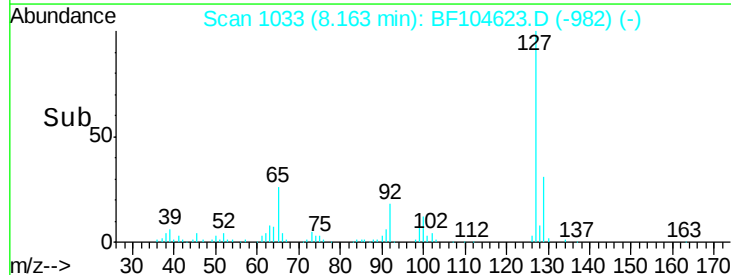
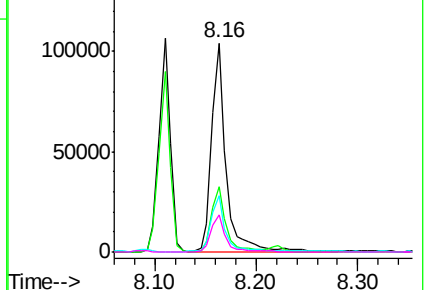


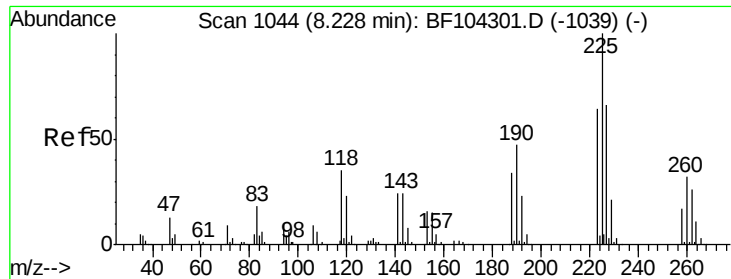
Abundance Ion 127.00 (126.70 to 127.70): E

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: 24.564 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

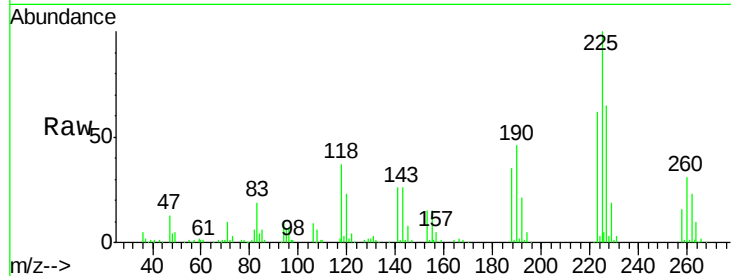
Tot Ion:225 Resp: 103226

Ion Ratio Lower Upper

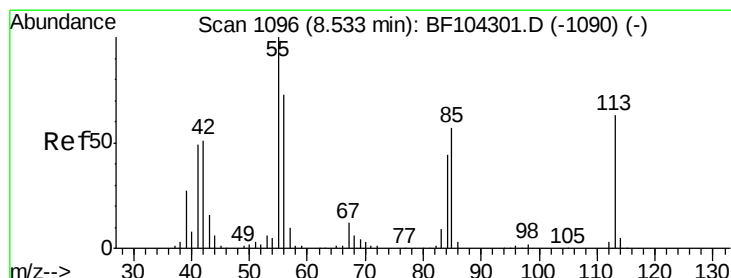
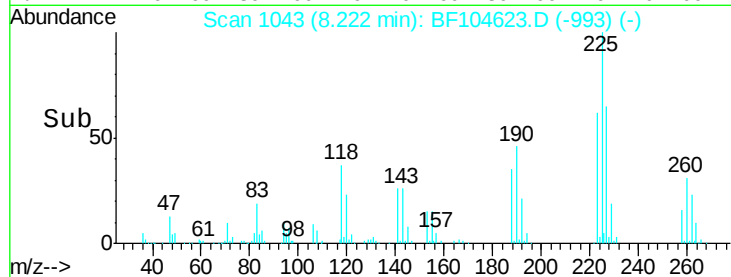
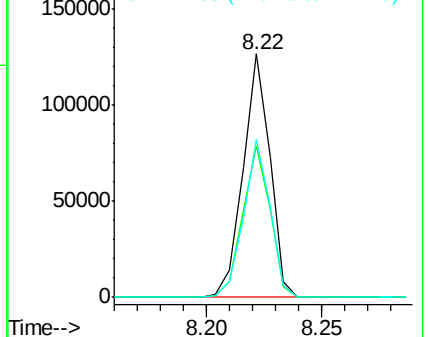
225 100

223 62.2 50.6 76.0

227 65.1 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: 22.373 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.05 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

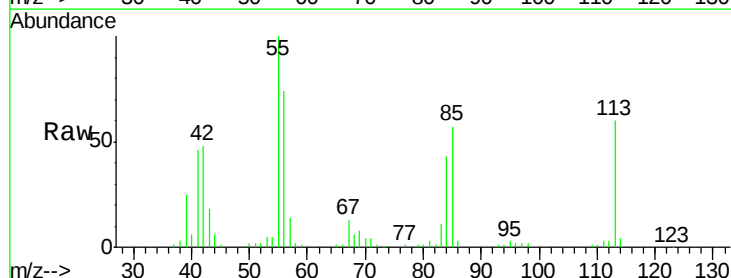
Tgt Ion:113 Resp: 54563

Ion Ratio Lower Upper

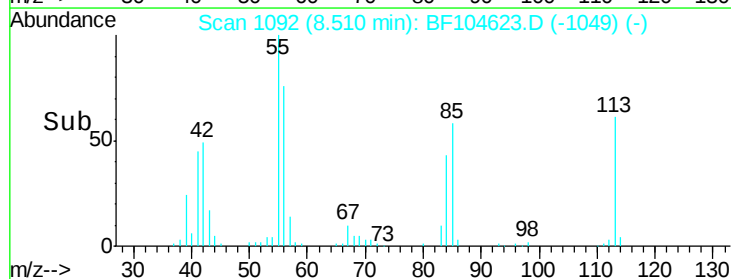
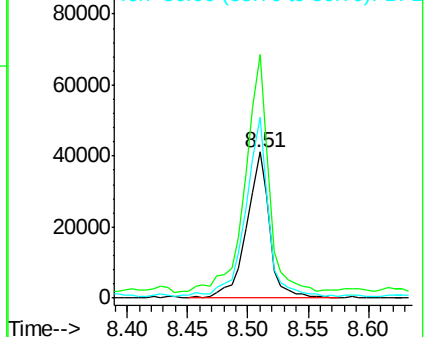
113 100

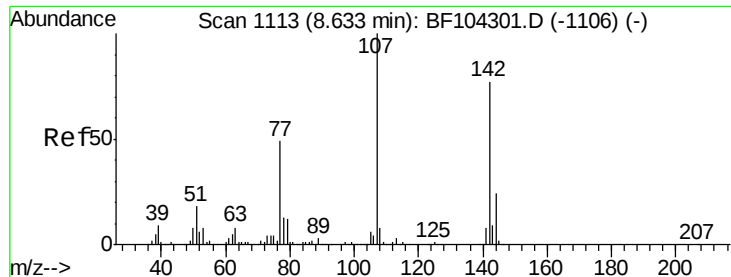
55 166.5 163.3 203.3

56 123.8 115.7 155.7



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

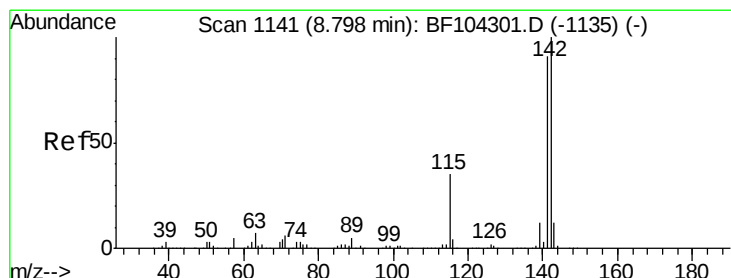
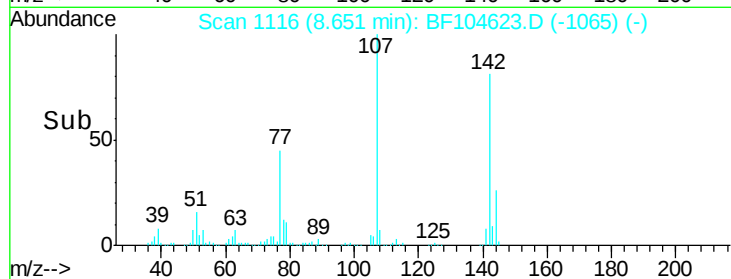
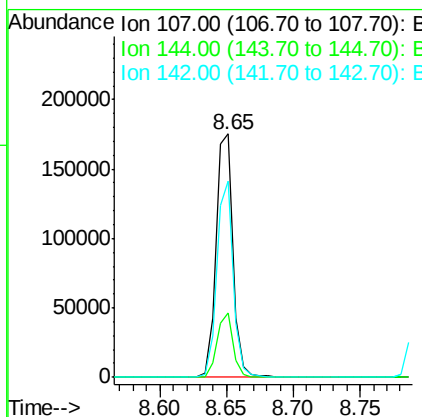
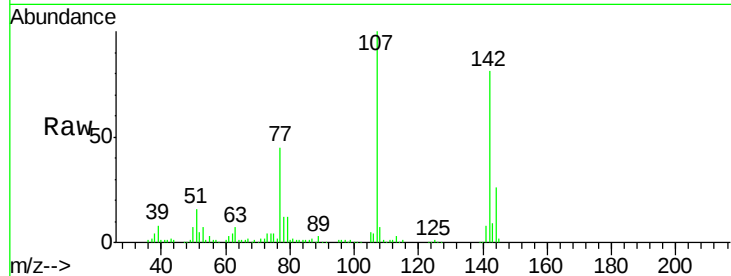




#36
4-Chloro-3-methylphenol
Concen: 21.156 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

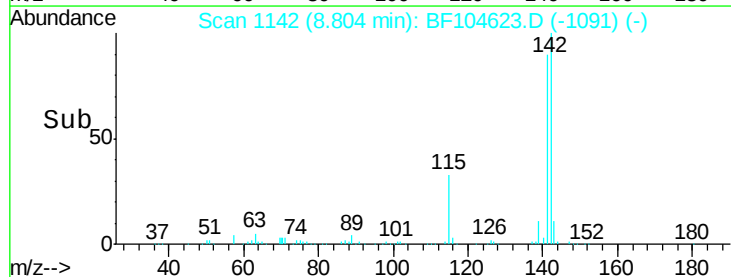
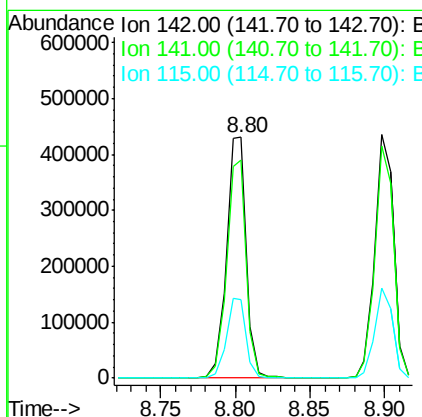
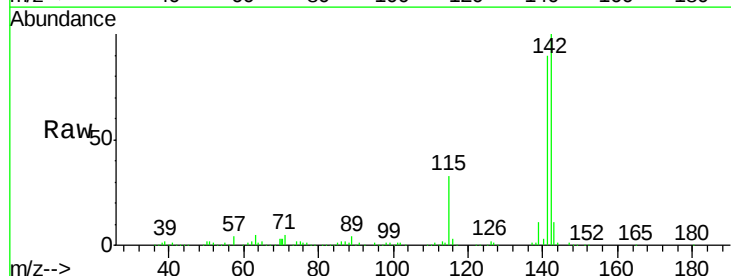
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

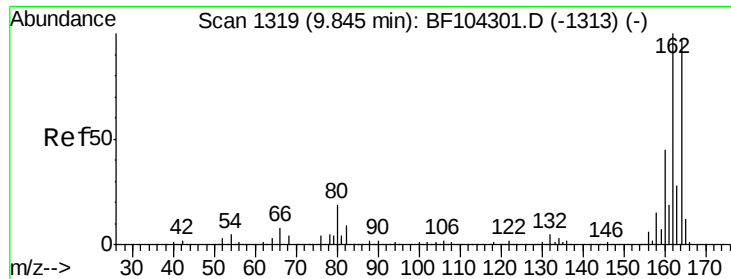
Tot Ion:107 Resp: 158590
Ion Ratio Lower Upper
107 100
144 26.2 20.5 30.7
142 80.8 62.0 93.0



#37
2-Methylnaphthalene
Concen: 24.606 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion:142 Resp: 406299
Ion Ratio Lower Upper
142 100
141 90.4 70.8 106.2
115 32.7 26.1 39.1

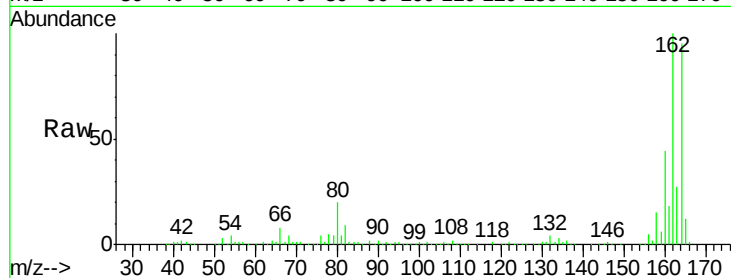




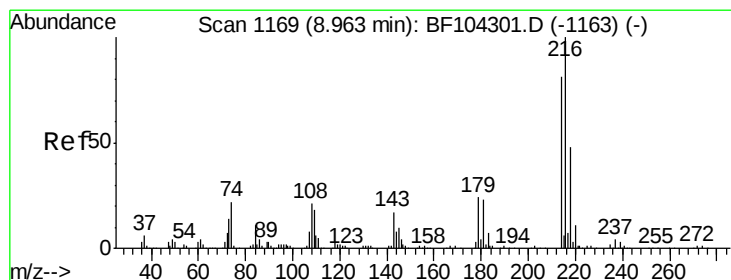
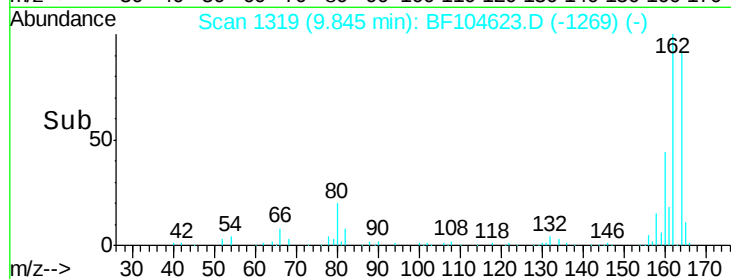
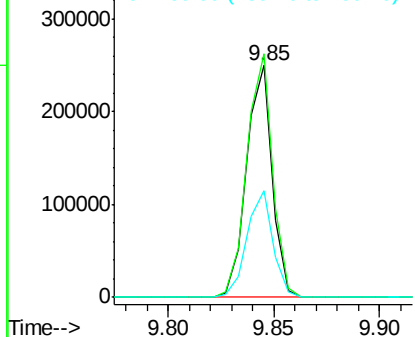
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.3	38.3	57.5



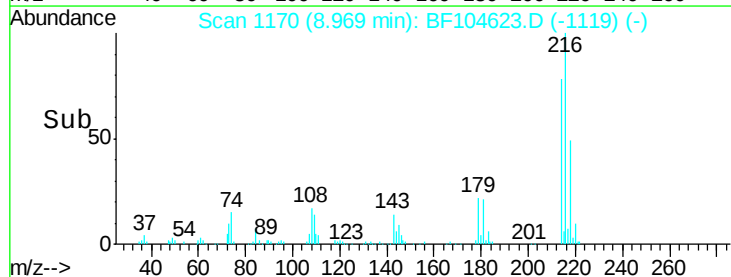
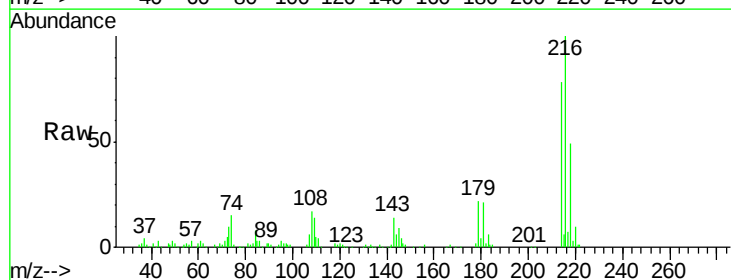
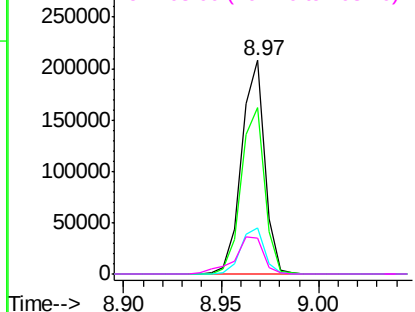
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

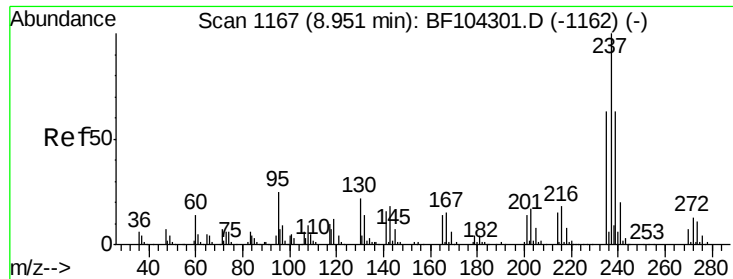


#39
1,2,4,5-Tetrachlorobenzene
Concen: 28.385 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	22.2	18.1	27.1
108	22.2	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

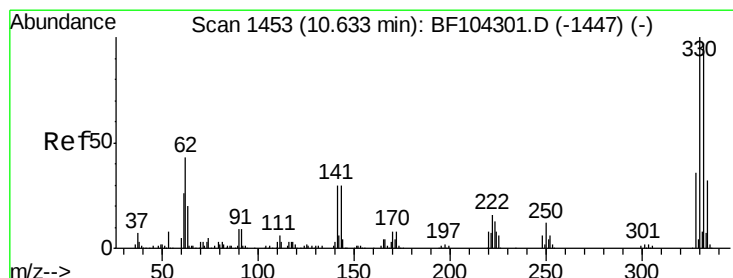
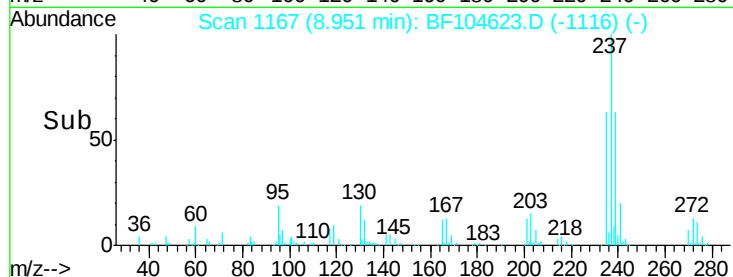
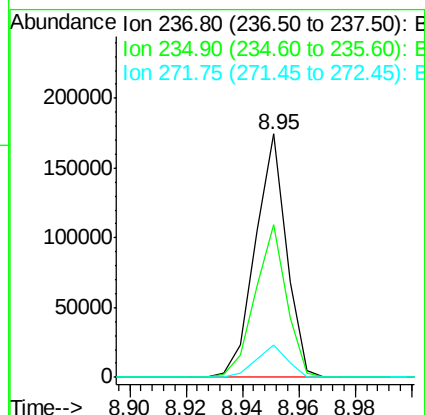
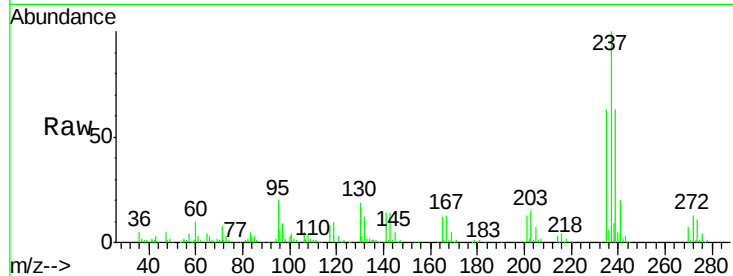




#40
Hexachlorocyclopentadiene
Concen: 39.798 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

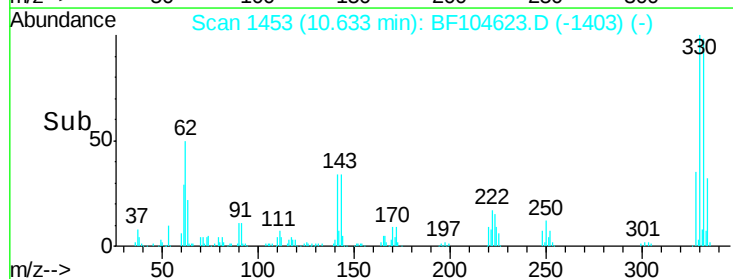
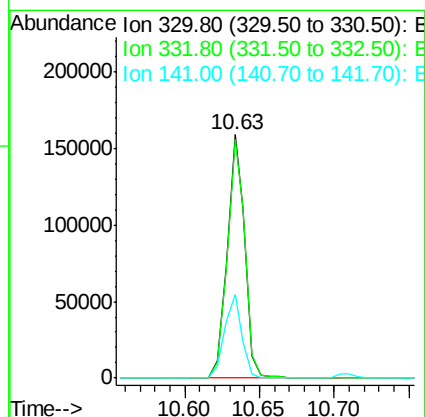
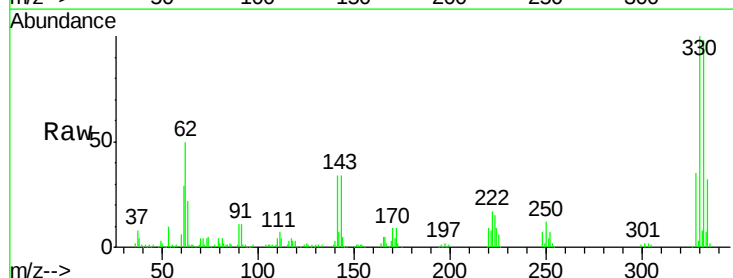
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

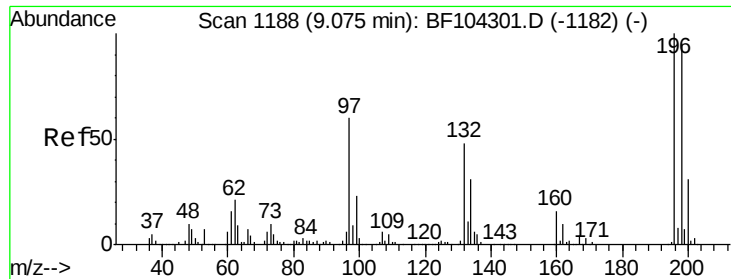
Tot Ion:237 Resp: 133768
Ion Ratio Lower Upper
237 100
235 62.7 44.8 84.8
272 13.1 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 60.924 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion:330 Resp: 132550
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.6
141 33.9 29.9 44.9

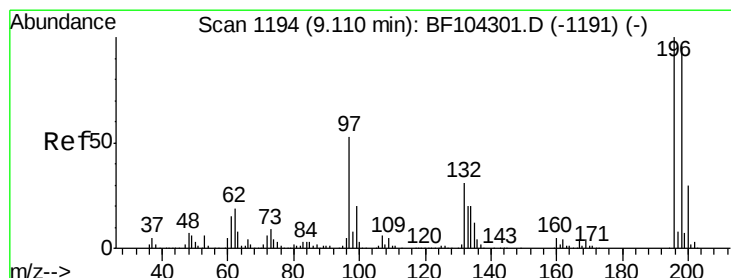
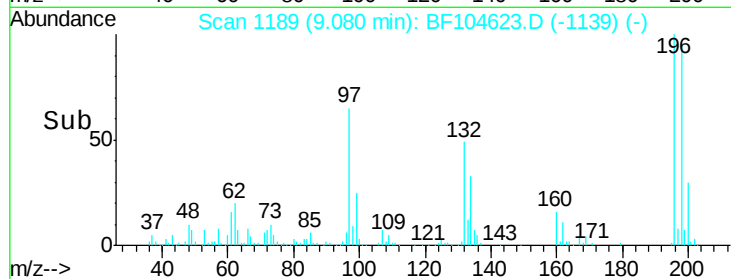
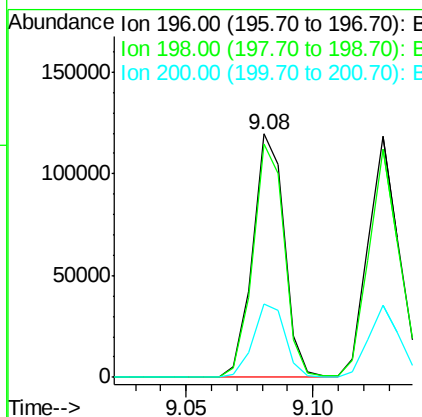
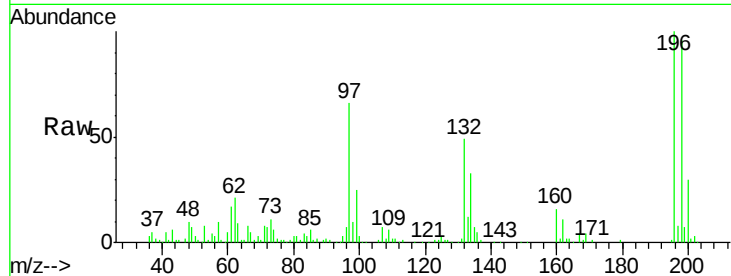




#42
 2,4,6-Trichlorophenol
 Concen: 25.156 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

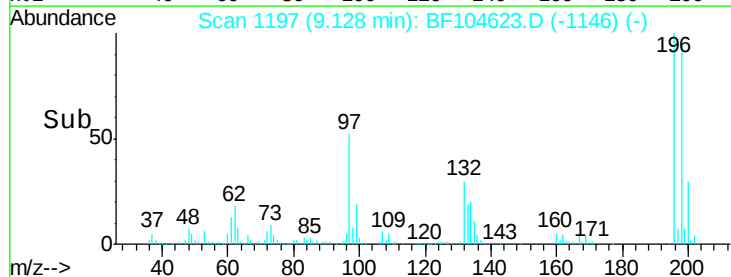
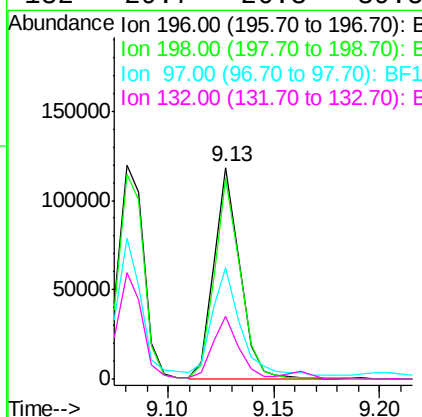
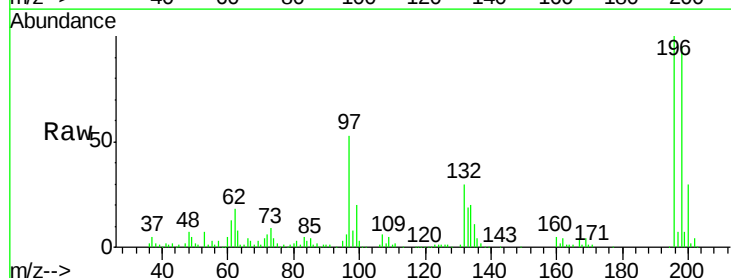
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MS

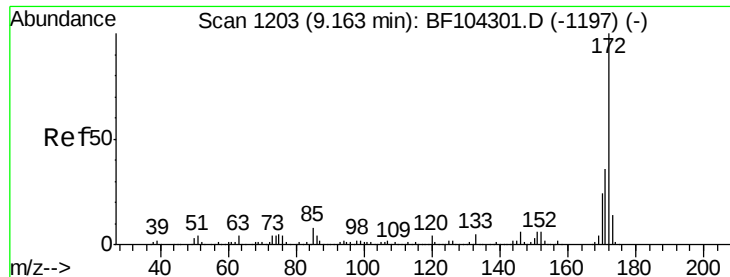
Tot Ion:196 Resp: 104844
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 200 30.1 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 21.894 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

Tgt Ion:196 Resp: 102111
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.6 112.0
 97 53.0 42.9 64.3
 132 29.7 26.3 39.5

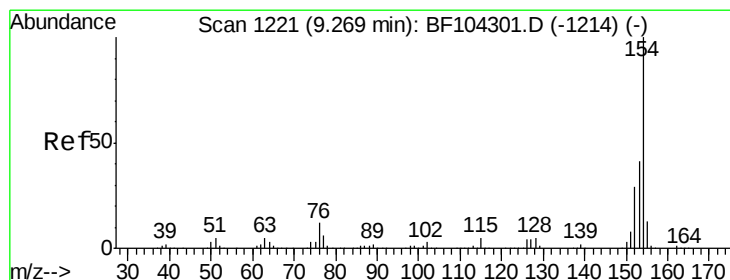
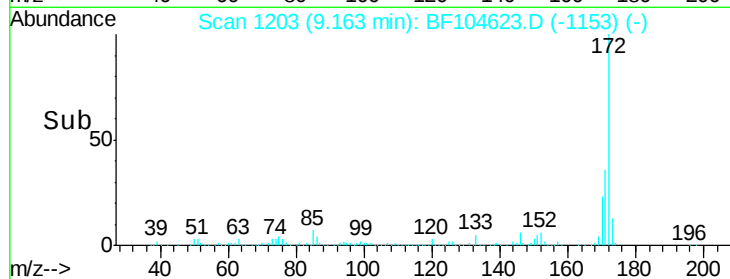
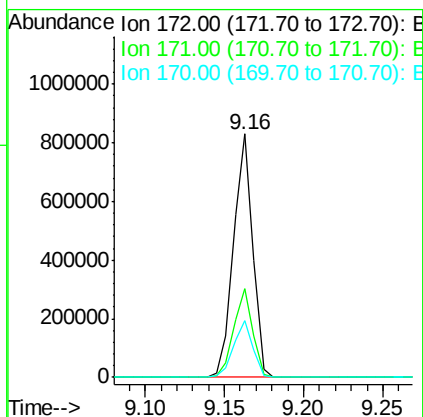
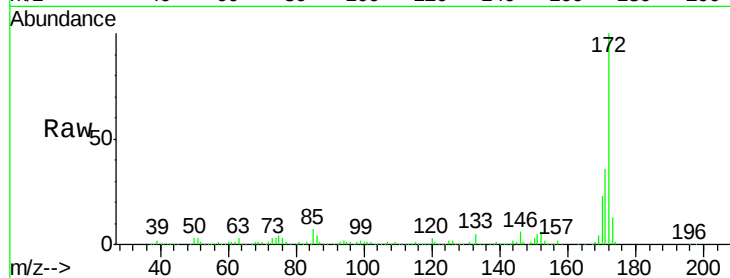




#44
 2-Fluorobiphenyl
 Concen: 52.562 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

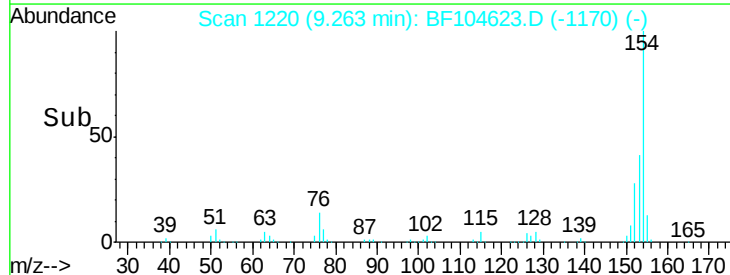
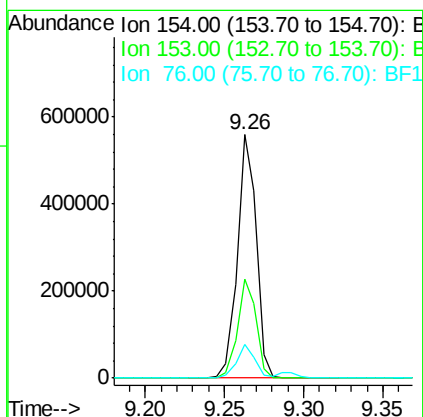
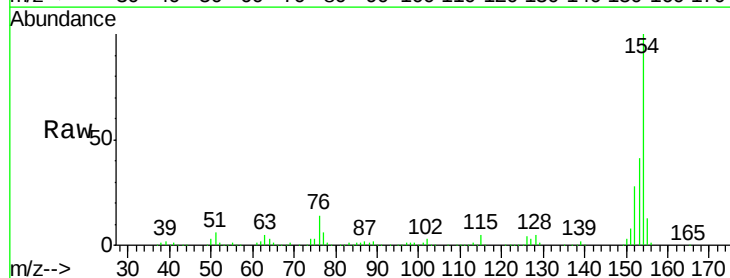
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MS

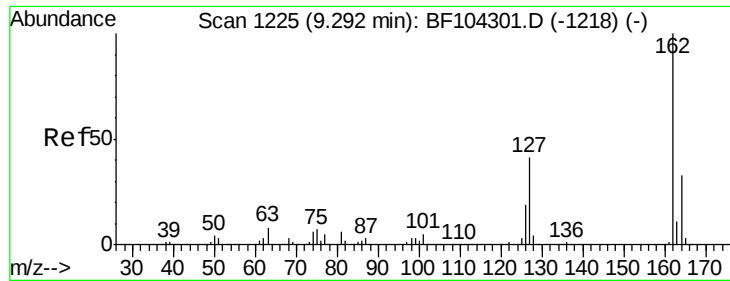
Tot Ion:172 Resp: 697842
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.4 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 26.046 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

Tgt Ion:154 Resp: 458908
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 13.9 0.0 34.0

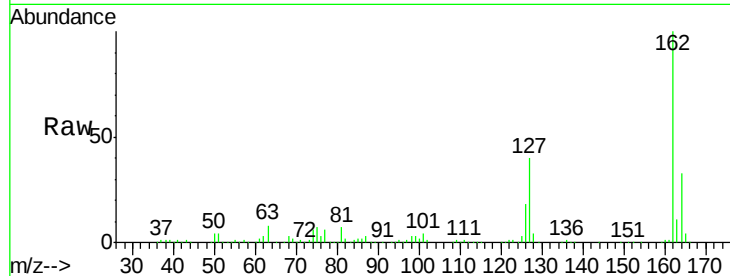




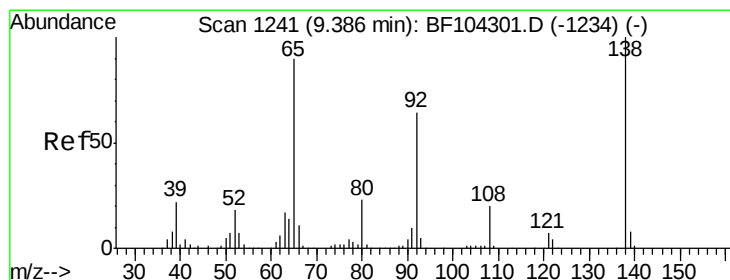
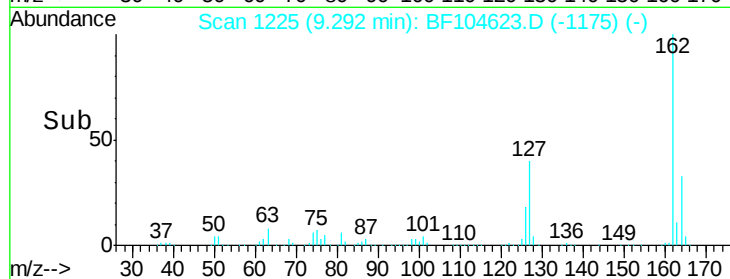
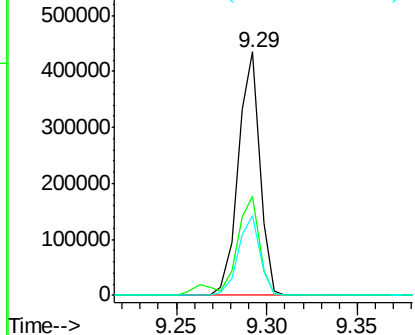
#46
2-Chloronaphthalene
Concen: 25.773 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

Tot Ion:162 Resp: 358681
Ion Ratio Lower Upper
162 100
127 40.5 33.9 50.9
164 32.7 26.5 39.7

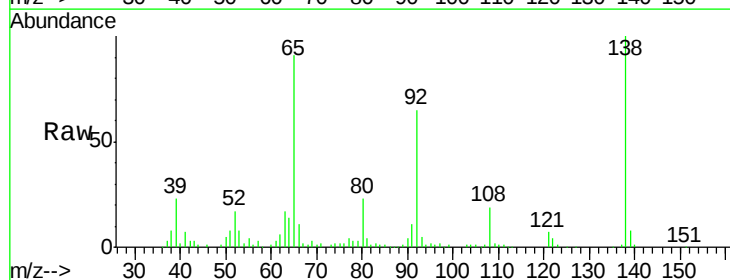


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

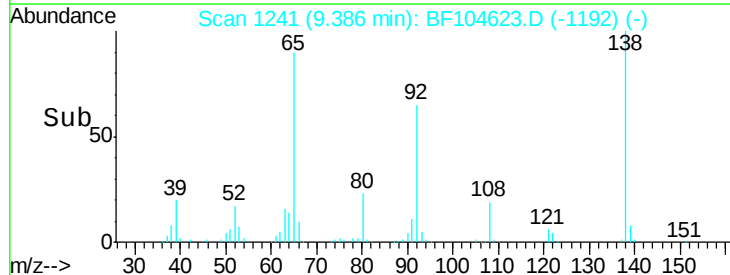
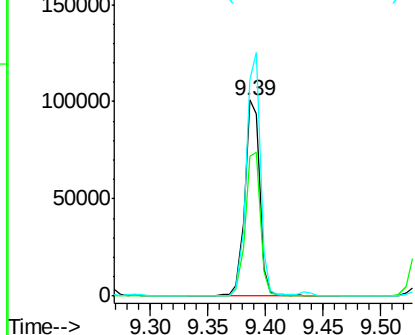


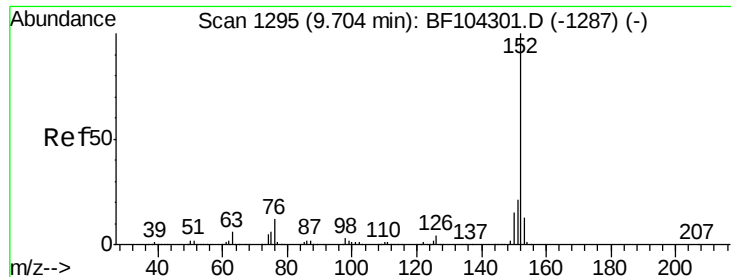
#47
2-Nitroaniline
Concen: 26.718 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion: 65 Resp: 91954
Ion Ratio Lower Upper
65 100
92 71.4 55.8 83.6
138 110.2 91.2 136.8



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





#48

Acenaphthylene

Concen: 23.933 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

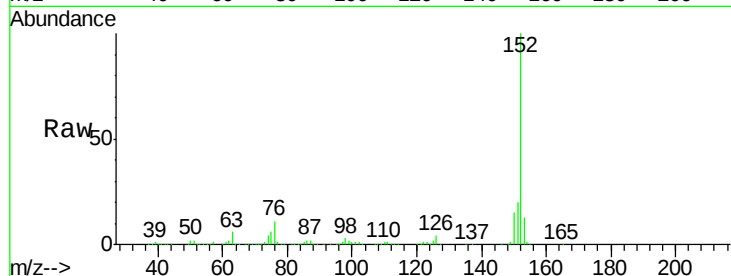
Tot Ion:152 Resp: 522582

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

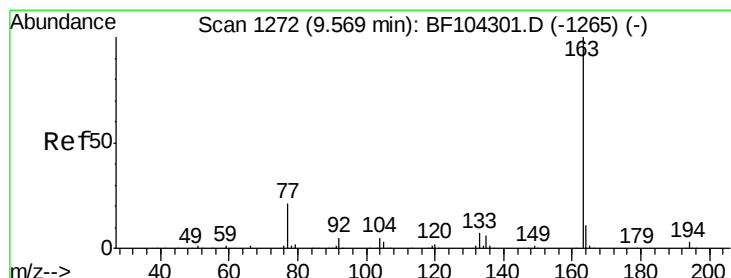
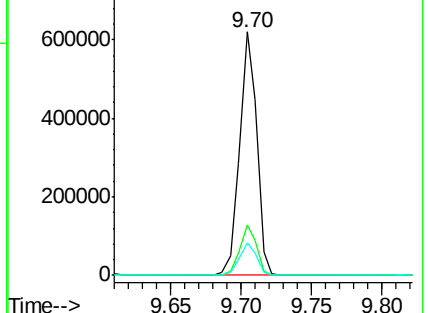
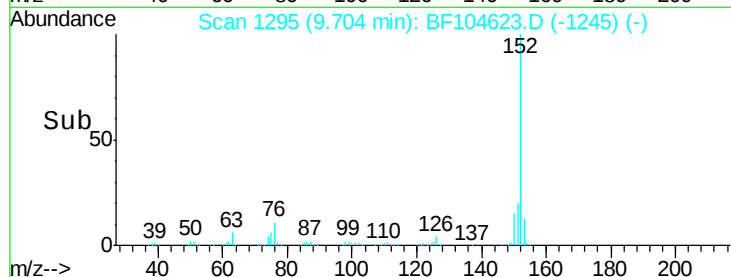
153 13.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 26.597 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

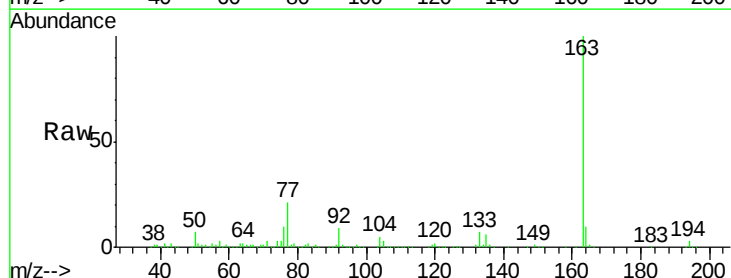
Tgt Ion:163 Resp: 439904

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

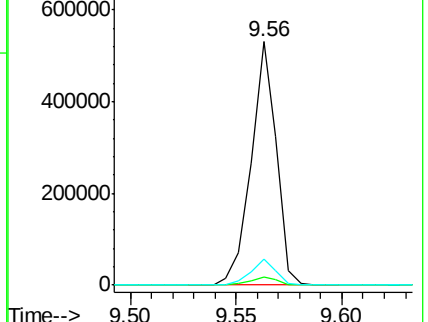
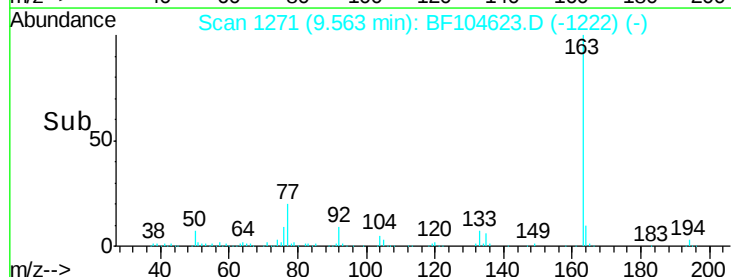
164 10.5 8.2 12.2

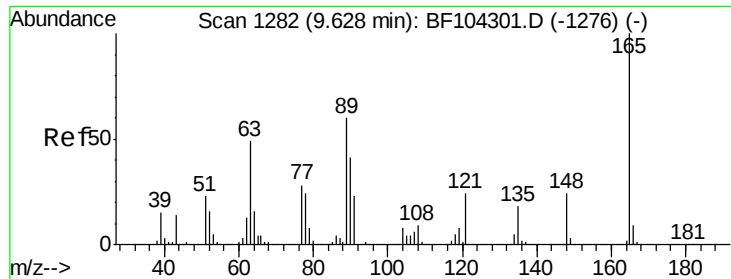


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

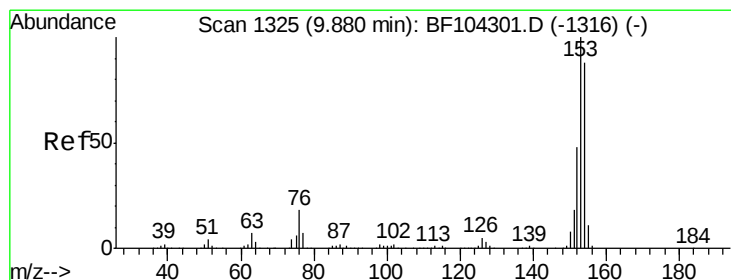
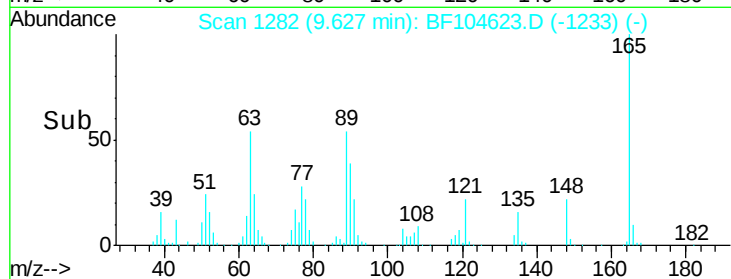
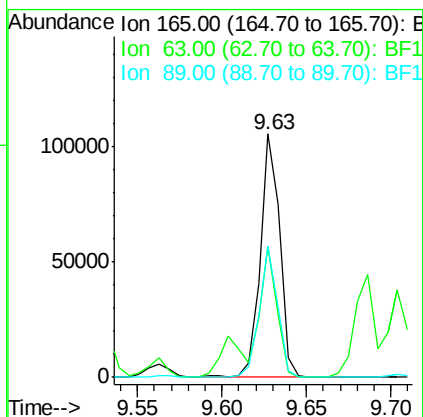
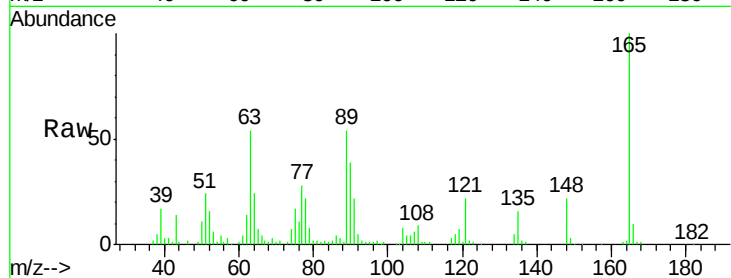




#50
2,6-Dinitrotoluene
Concen: 27.702 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

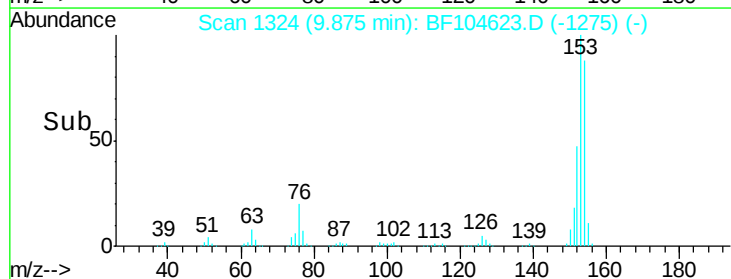
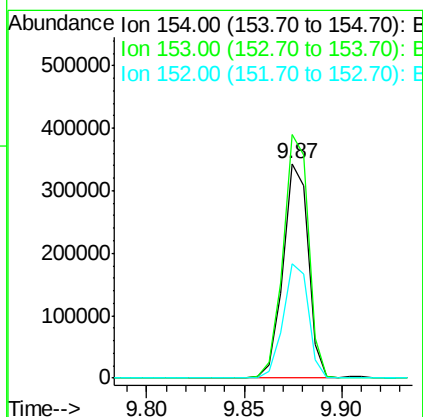
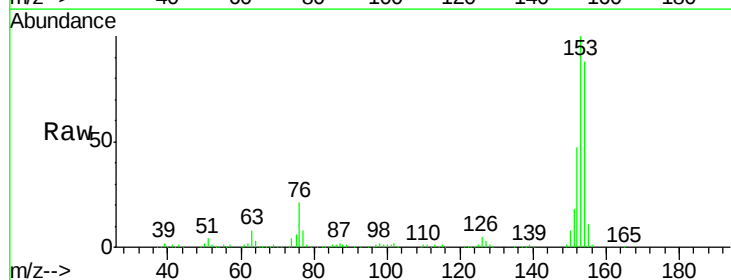
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

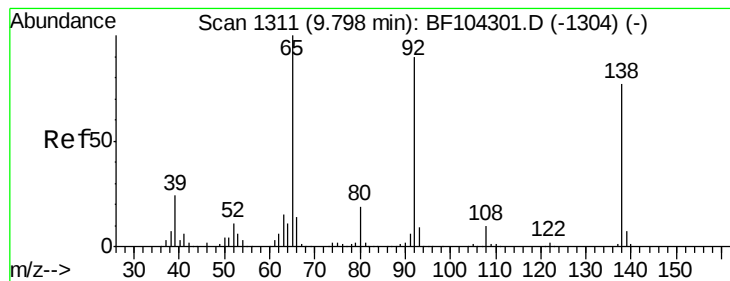
Tot Ion:165 Resp: 84779
Ion Ratio Lower Upper
165 100
63 53.6 44.7 67.1
89 53.9 44.0 66.0



#51
Acenaphthene
Concen: 23.041 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion:154 Resp: 306962
Ion Ratio Lower Upper
154 100
153 113.7 91.2 136.8
152 53.3 43.8 65.8





#52

3-Nitroaniline

Concen: 16.888 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

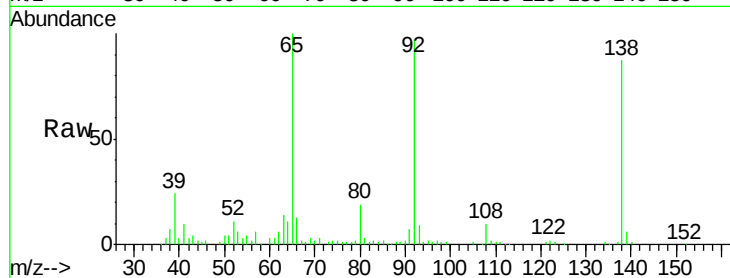
Tot Ion:138 Resp: 60506

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

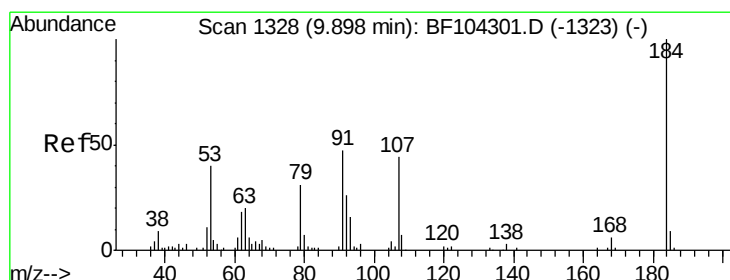
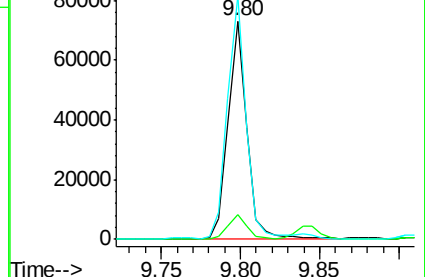
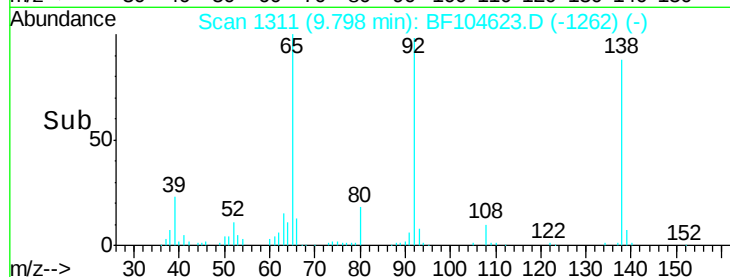
92 111.5 89.4 134.2



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: 10.652 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

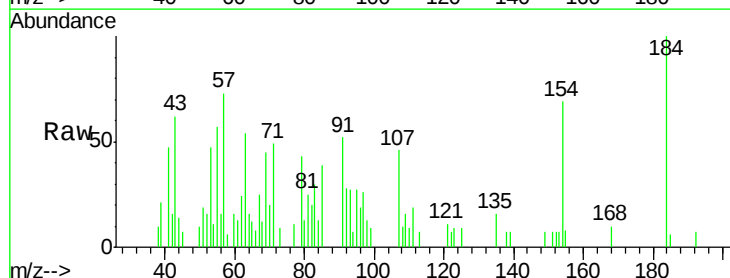
Tgt Ion:184 Resp: 4792

Ion Ratio Lower Upper

184 100

63 53.8 54.2 81.2#

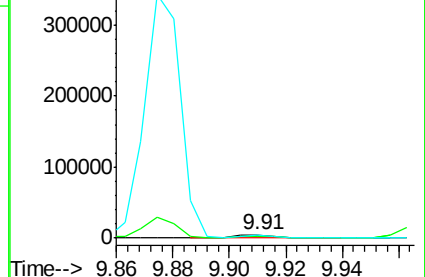
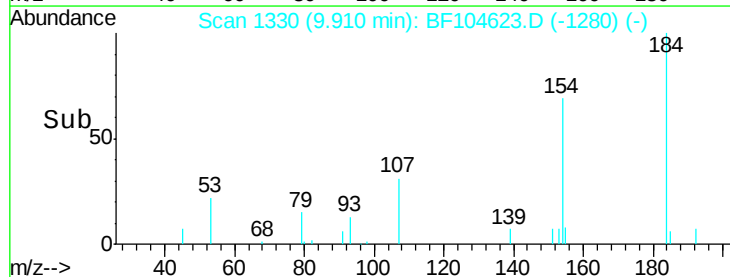
154 69.4 184.0 276.0#

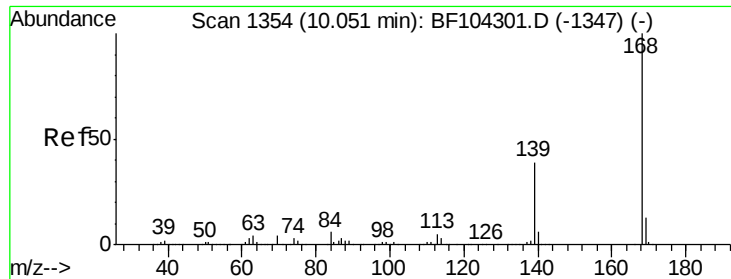


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

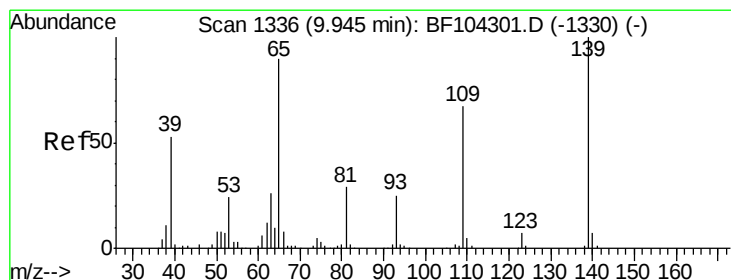
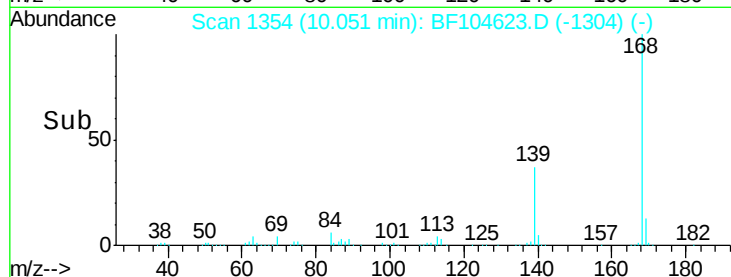
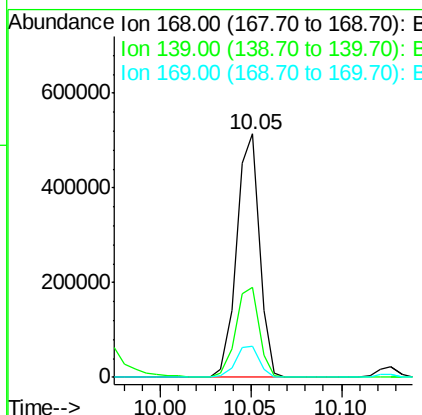
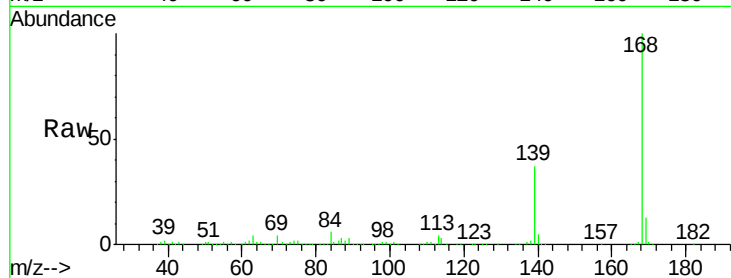




#54
Dibenzofuran
Concen: 24.344 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

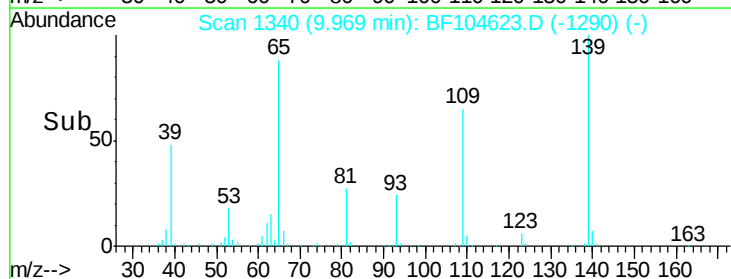
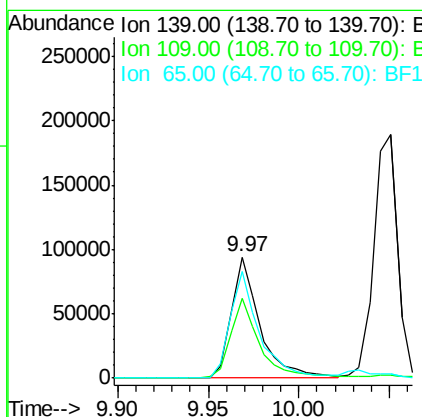
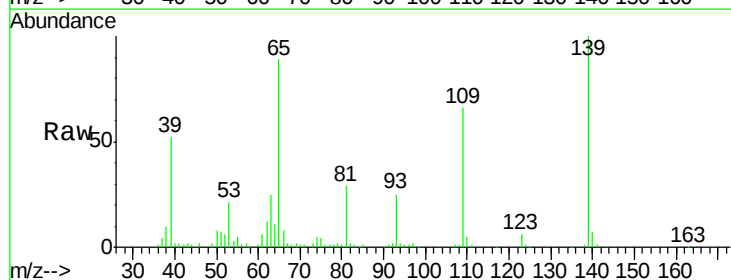
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

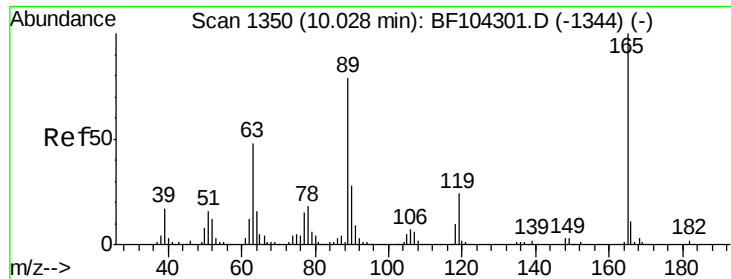
Tot Ion:168 Resp: 451973
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1
169 12.6 10.9 16.3



#55
4-Nitrophenol
Concen: 36.804 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion:139 Resp: 103583
Ion Ratio Lower Upper
139 100
109 65.5 48.4 88.4
65 88.7 72.6 112.6

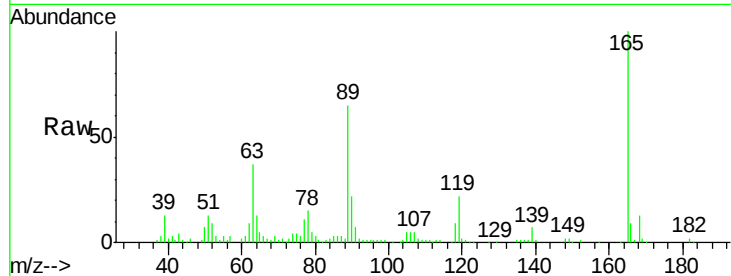




#56
2,4-Dinitrotoluene
Concen: 26.070 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

Tot Ion:	165	Resp:	104656
Ion	Ratio	Lower	Upper
165	100		
63	37.2	36.4	54.6
89	65.3	57.8	86.6
182	2.2	1.6	2.4

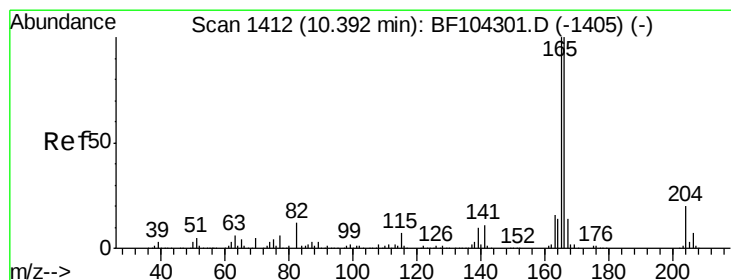
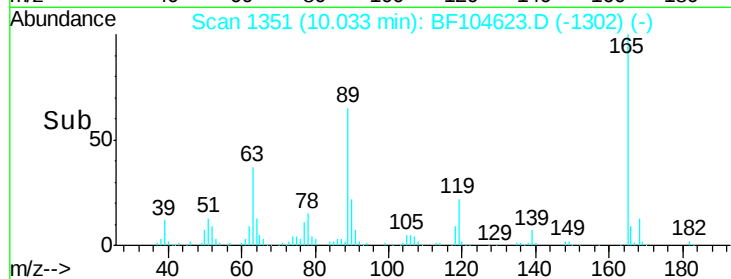
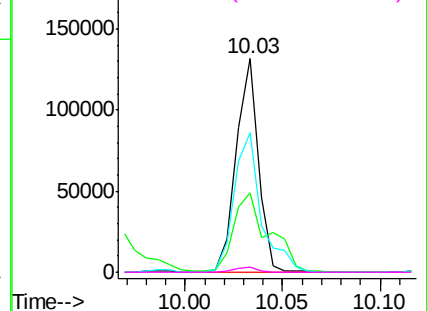


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

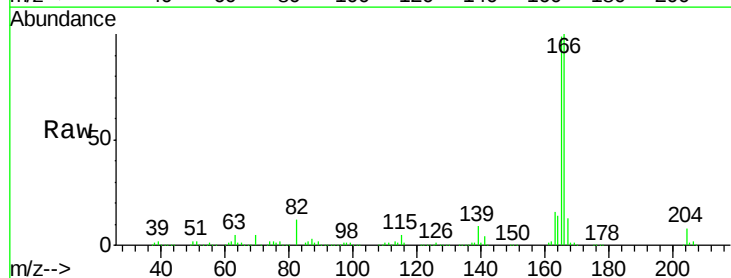
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 25.120 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

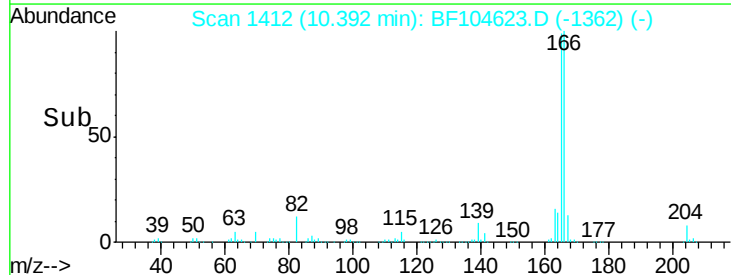
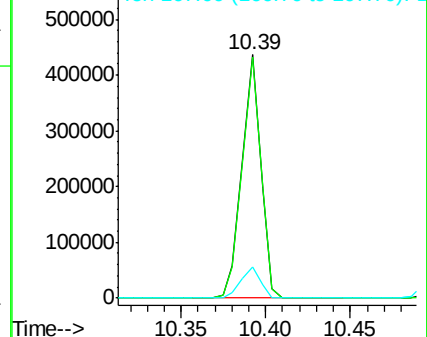
Tgt Ion:	166	Resp:	339466
Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.0	10.6	16.0

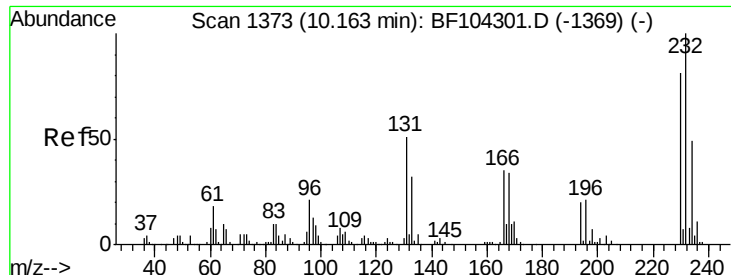


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

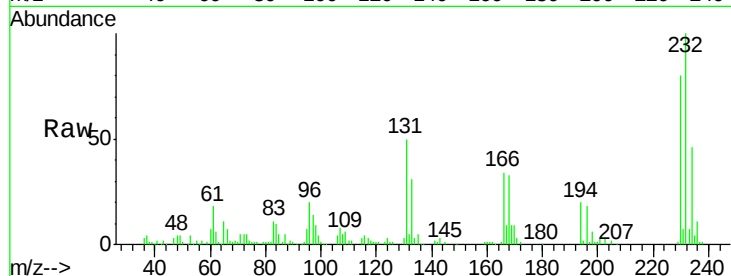




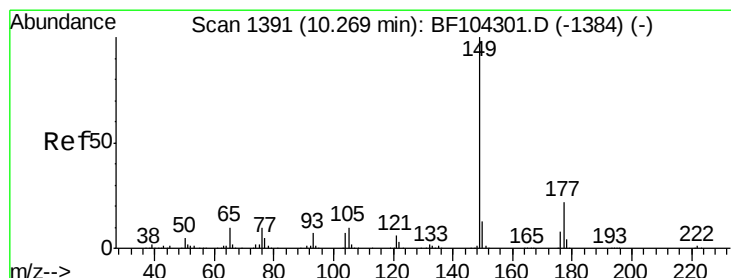
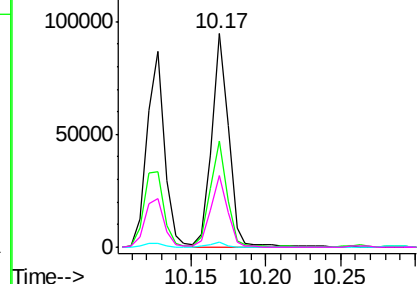
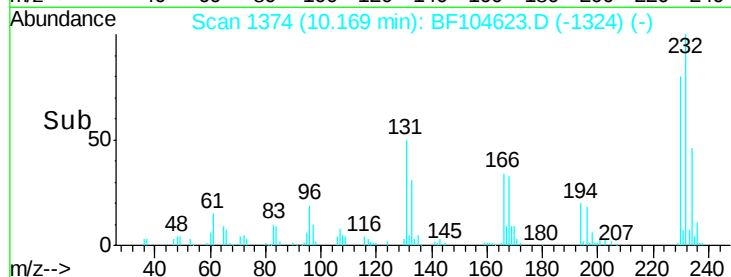
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 21.345 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MS

Tot Ion:	232	Resp:	74270
Ion	Ratio	Lower	Upper
232	100		
131	49.3	43.8	65.8
130	2.3	2.1	3.1
166	33.3	27.8	41.6

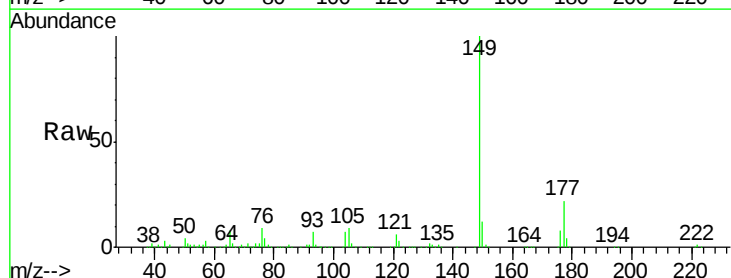


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

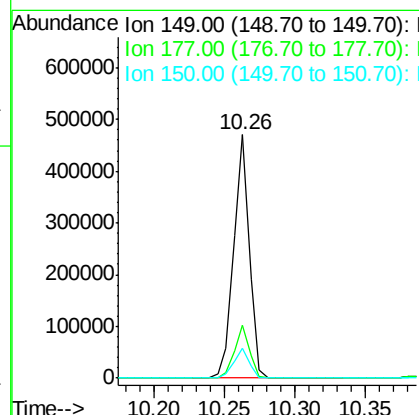
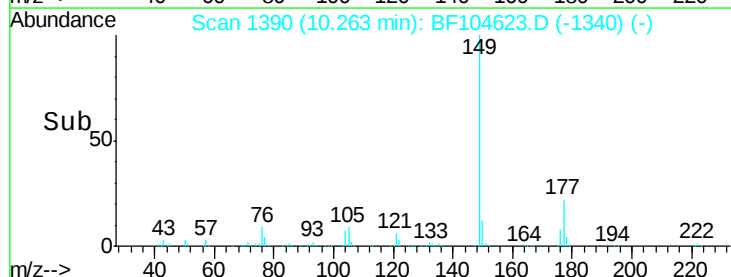


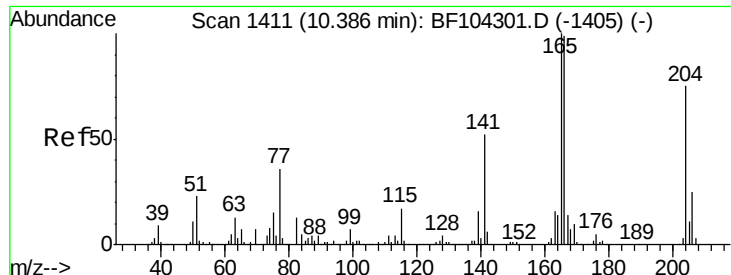
#59
 Diethylphthalate
 Concen: 21.995 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

Tgt Ion:	149	Resp:	362308
Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.4	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

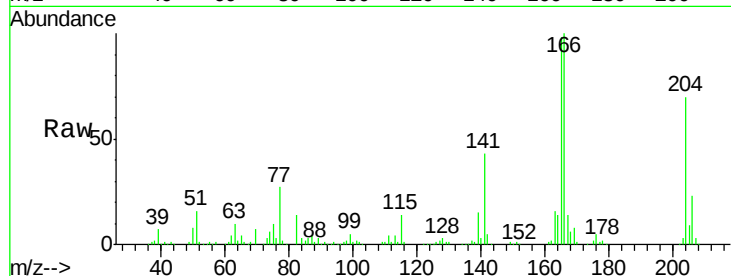




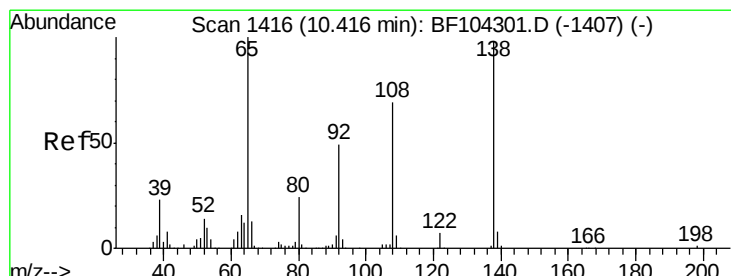
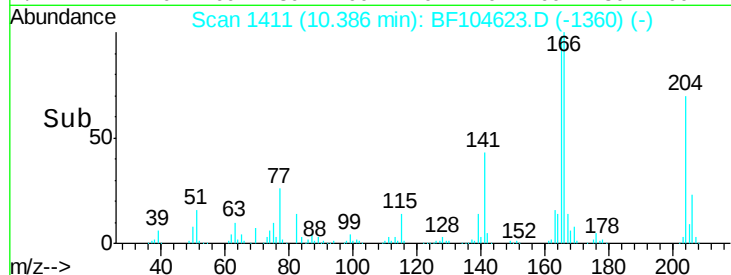
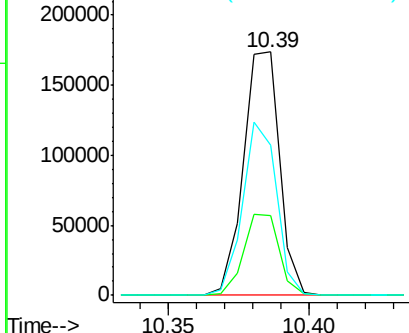
#60
 4-Chlorophenyl-phenylether
 Concen: 25.724 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MS

Tot Ion:204 Resp: 154817
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.5 39.7
 141 61.8 54.6 81.8

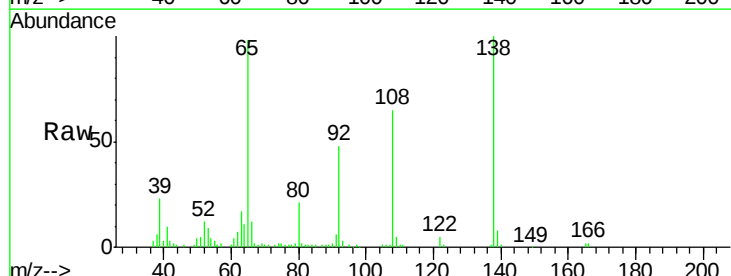


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

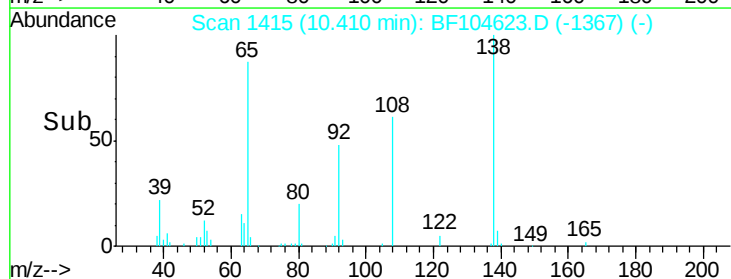
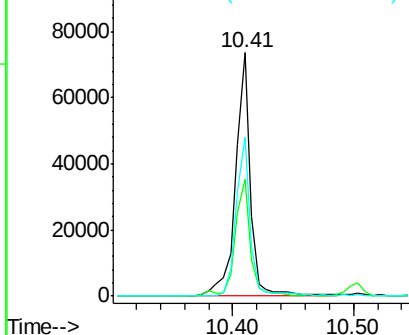


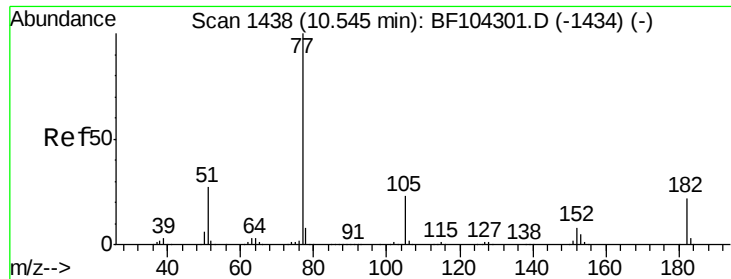
#61
 4-Nitroaniline
 Concen: 18.220 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.02 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

Tgt Ion:138 Resp: 63828
 Ion Ratio Lower Upper
 138 100
 92 48.0 30.2 70.2
 108 65.2 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: 21.558 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

Tot Ion: 77 Resp: 339258

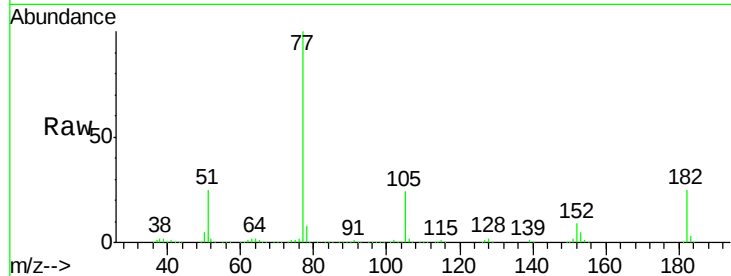
Ion Ratio Lower Upper

77 100

182 25.1 1.7 41.7

105 24.3 3.0 43.0

51 24.6 9.9 49.9

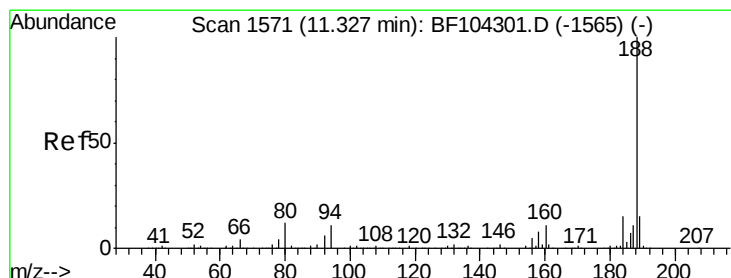
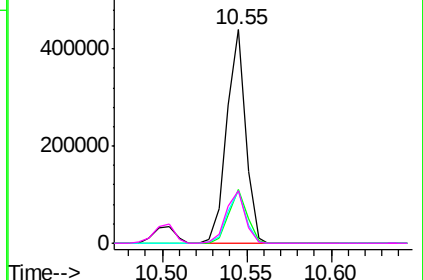
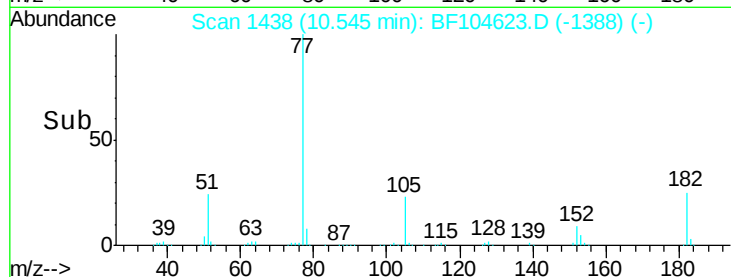


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

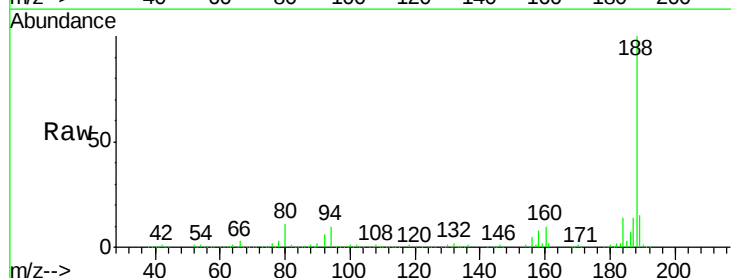
Tgt Ion: 188 Resp: 305022

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

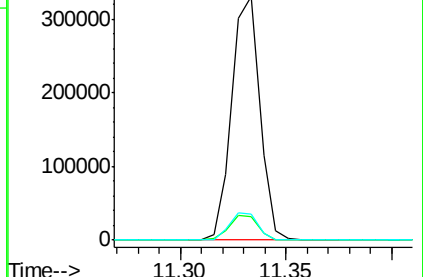
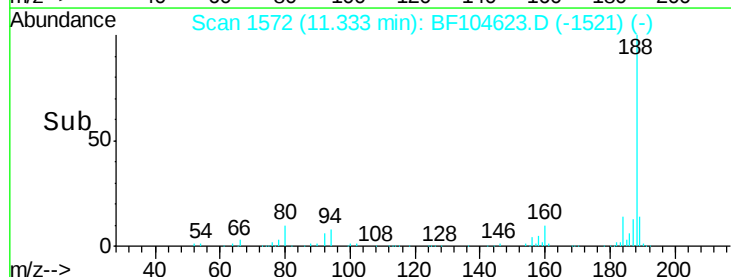
80 10.8 9.2 13.8

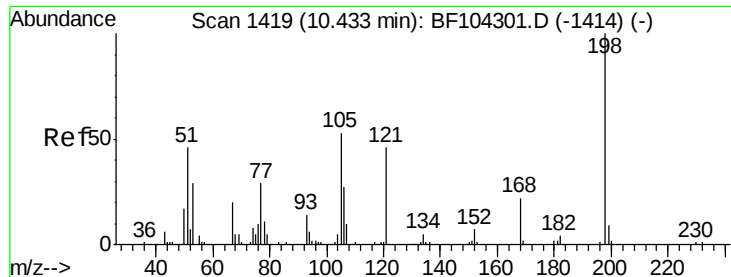


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

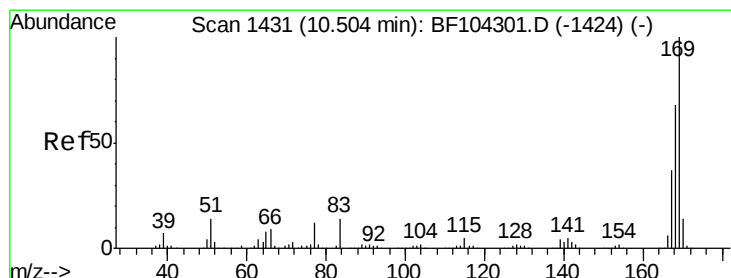
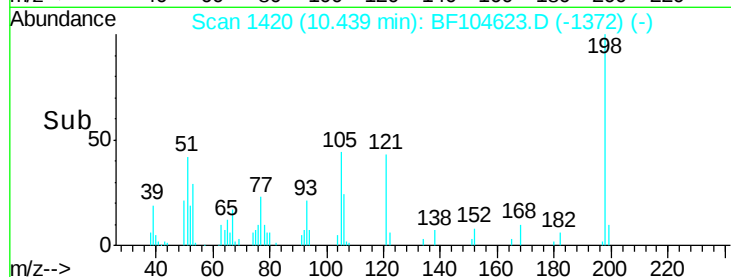
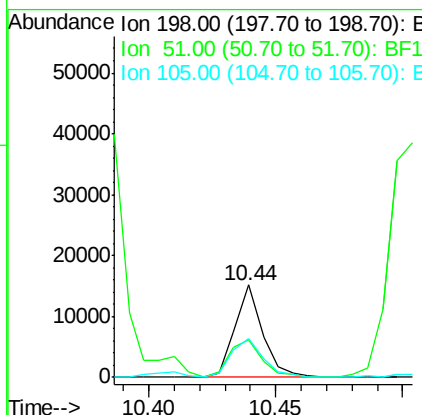
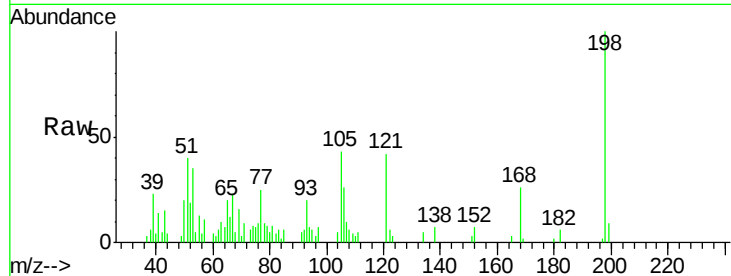




#64
 4,6-Dinitro-2-methylphenol
 Concen: 13.956 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.02 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

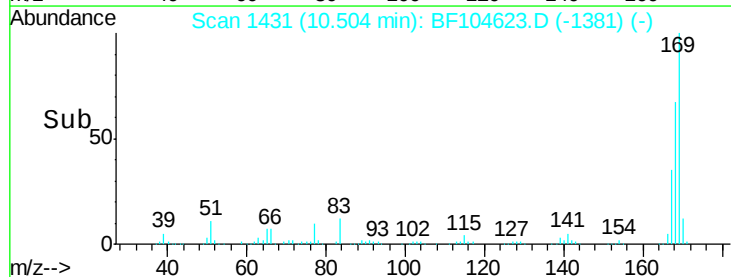
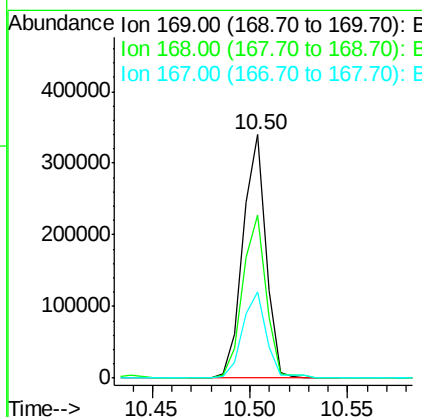
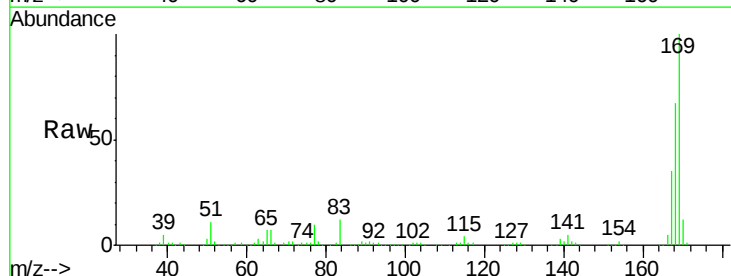
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MS

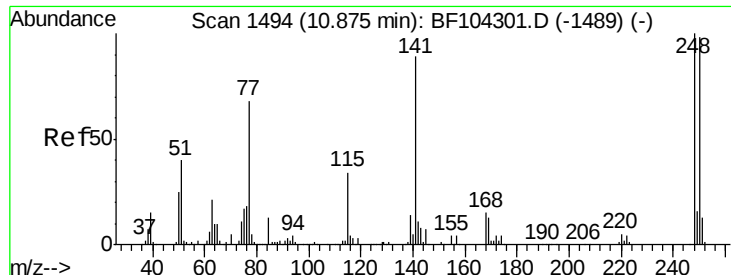
Tot Ion:198 Resp: 11592
 Ion Ratio Lower Upper
 198 100
 51 40.4 37.7 77.7
 105 42.6 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 26.284 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

Tgt Ion:169 Resp: 277982
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.4 81.6
 167 35.5 29.8 44.6

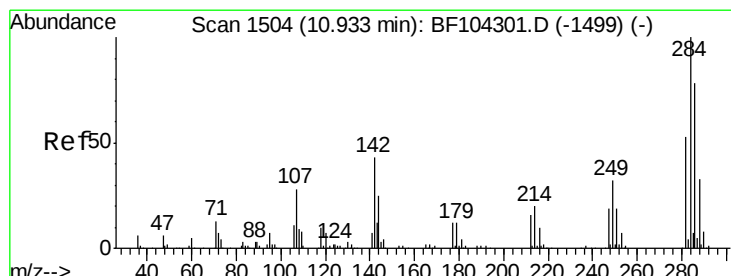
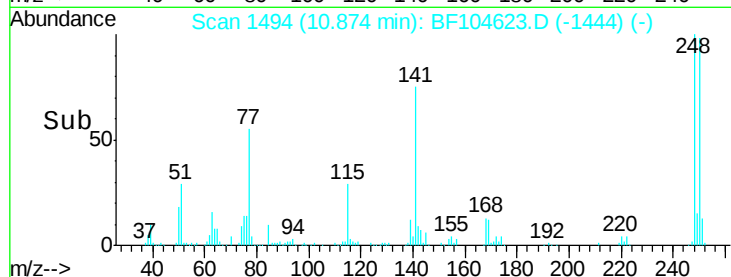
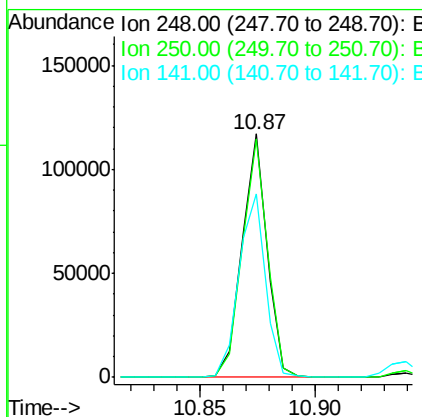
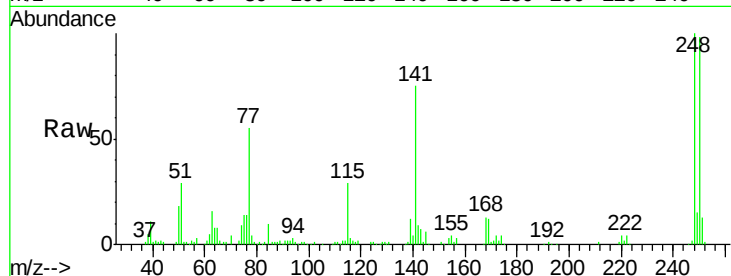




#66
4-Bromophenyl-phenylether
Concen: 27.420 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

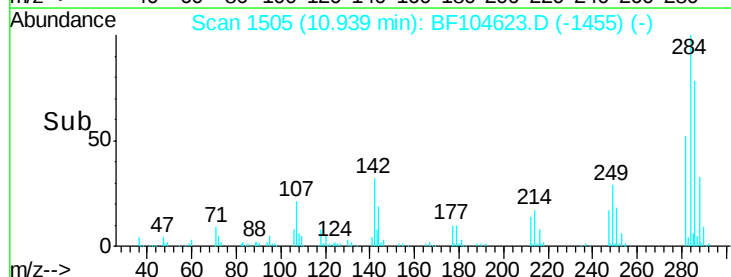
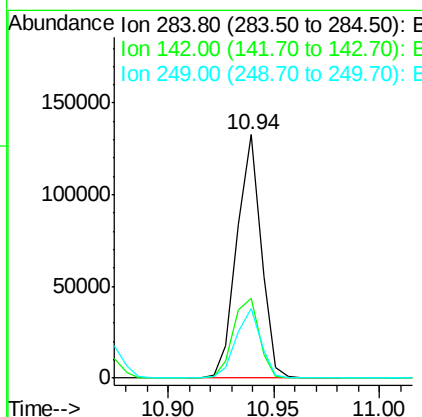
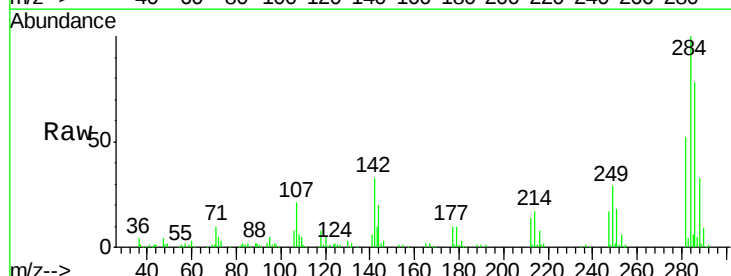
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

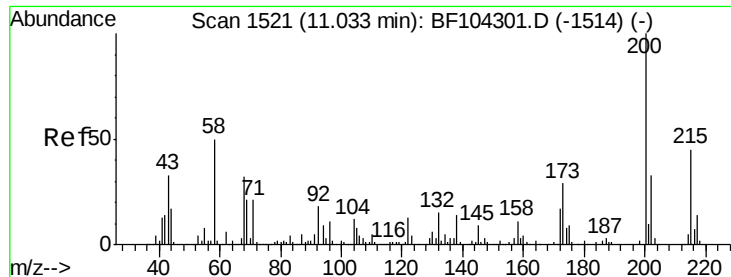
Tot Ion:248 Resp: 88962
Ion Ratio Lower Upper
248 100
250 97.8 76.9 115.3
141 75.4 74.4 111.6



#67
Hexachlorobenzene
Concen: 28.848 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion:284 Resp: 105314
Ion Ratio Lower Upper
284 100
142 32.7 34.6 52.0#
249 28.6 24.8 37.2

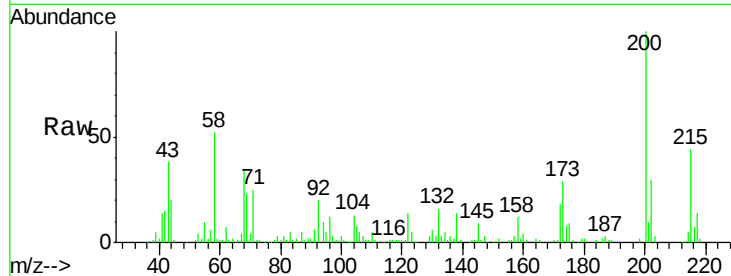




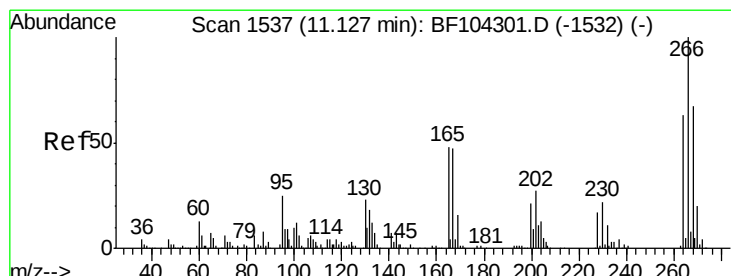
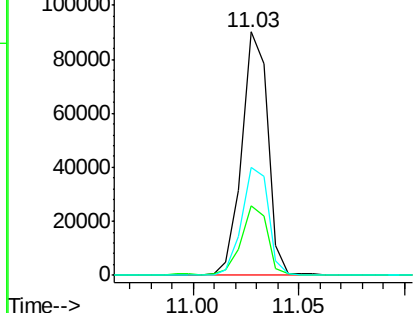
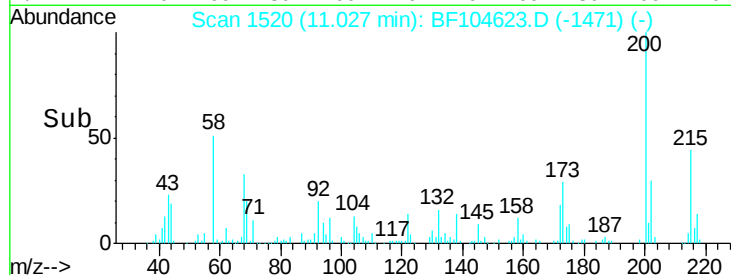
#68
Atrazine
Concen: 24.163 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

Tot Ion:200 Resp: 77136
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 44.2 25.1 65.1

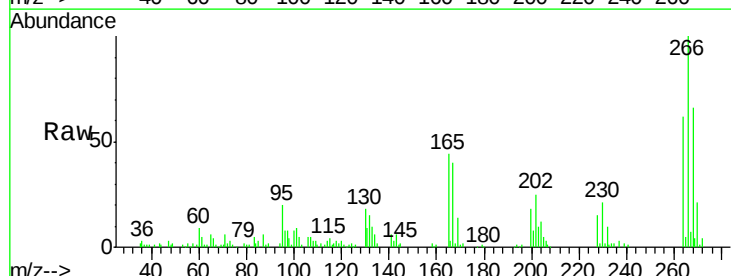


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

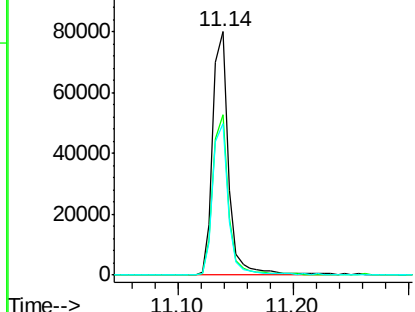
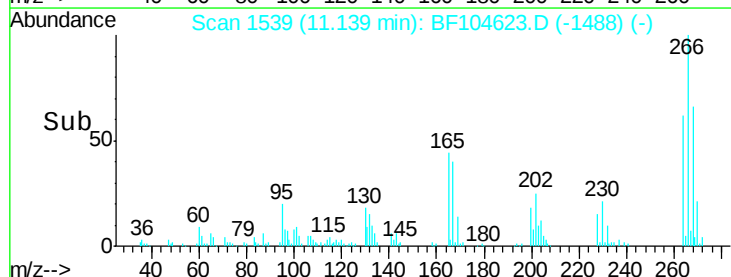


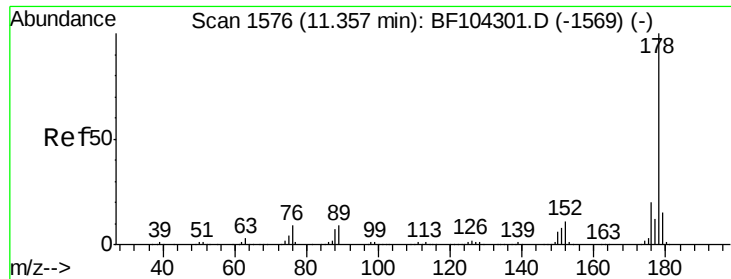
#69
Pentachlorophenol
Concen: 34.028 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion:266 Resp: 76853
Ion Ratio Lower Upper
266 100
268 66.1 51.1 76.7
264 62.0 49.5 74.3



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

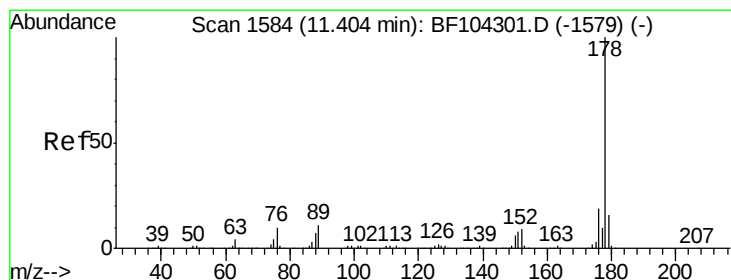
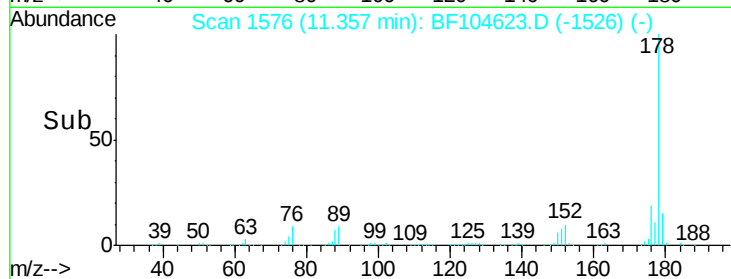
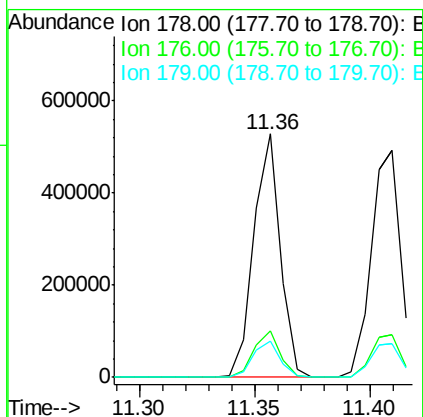
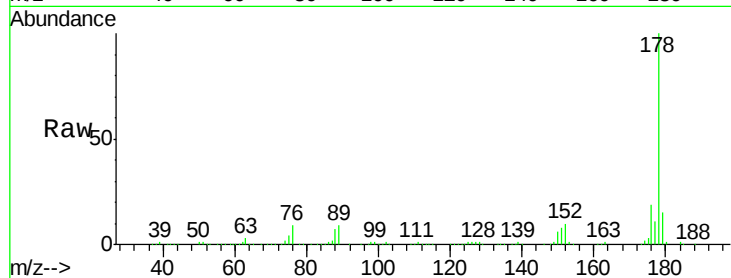




#70
Phenanthrene
Concen: 25.144 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

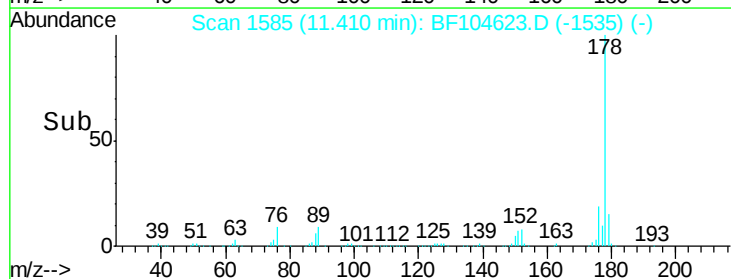
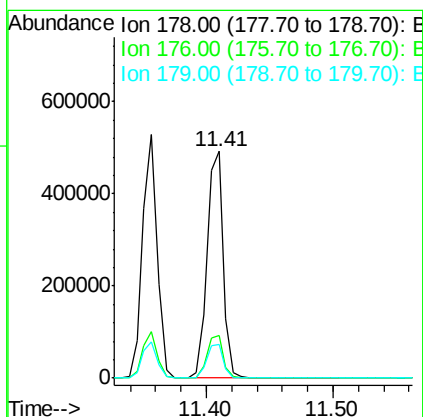
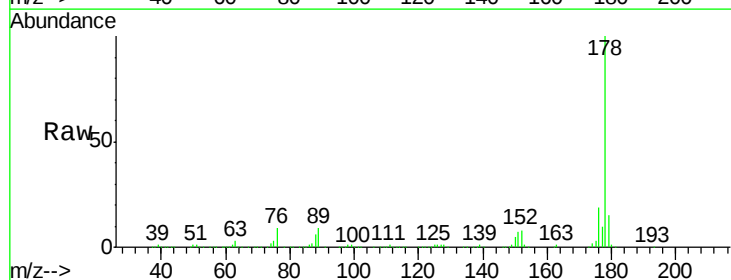
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

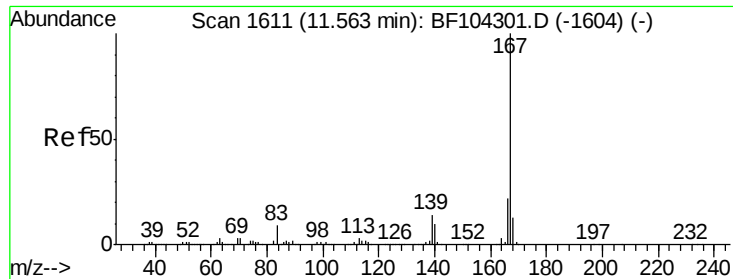
Tot Ion:178 Resp: 427108
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 14.9 13.0 19.6



#71
Anthracene
Concen: 25.445 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion:178 Resp: 439356
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 14.9 12.6 19.0





#72

Carbazole

Concen: 21.960 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

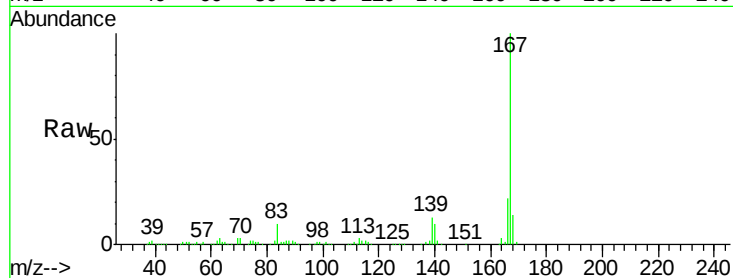
Tot Ion:167 Resp: 370524

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

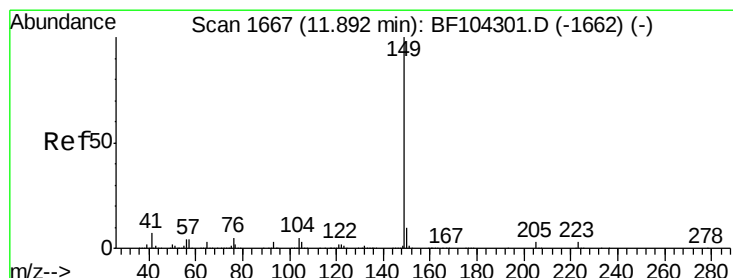
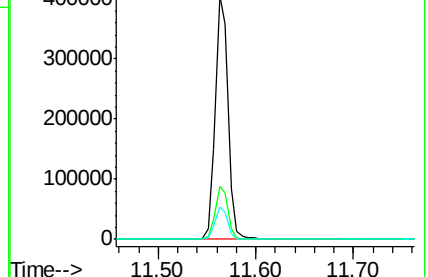
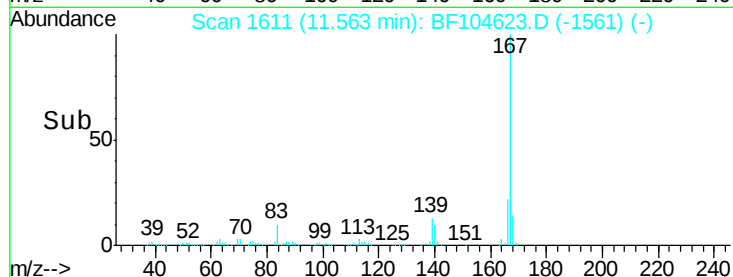
139 13.4 10.9 16.3



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: 23.346 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

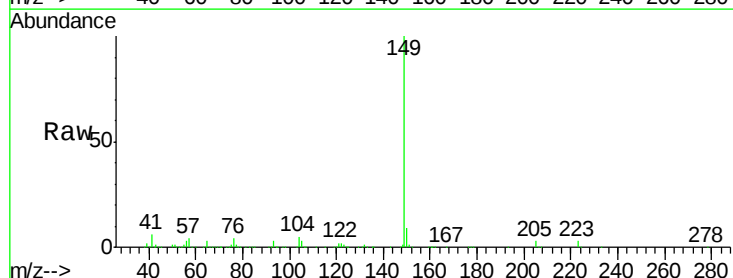
Tgt Ion:149 Resp: 481183

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

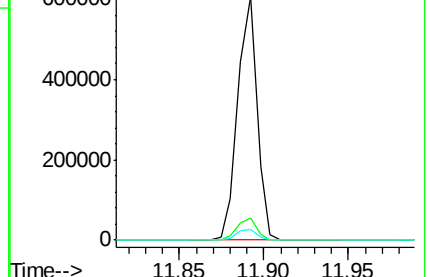
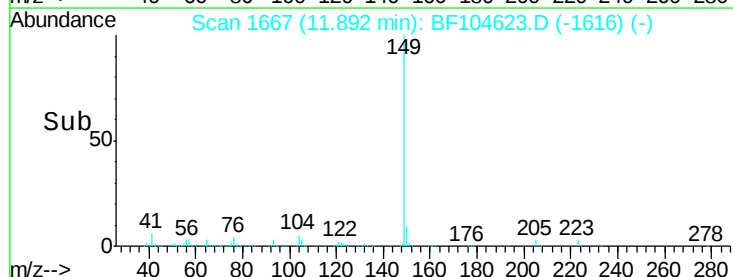
104 4.5 3.8 5.8

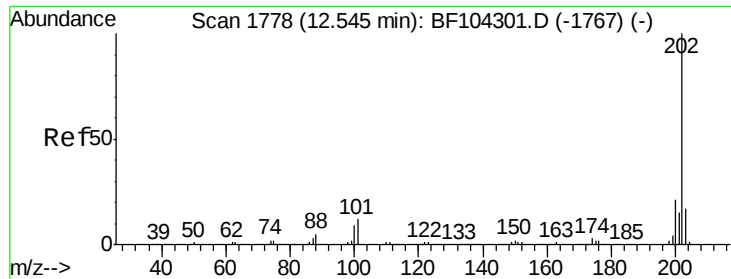


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

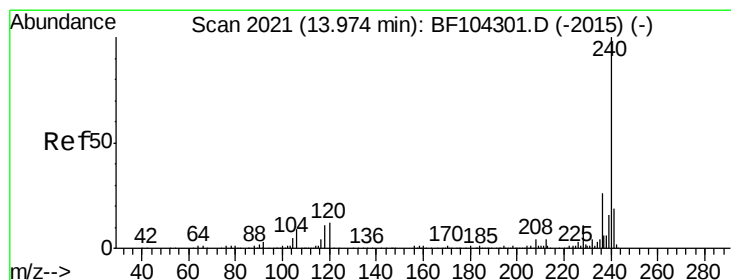
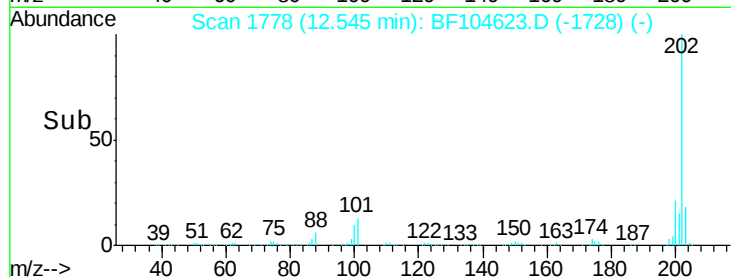
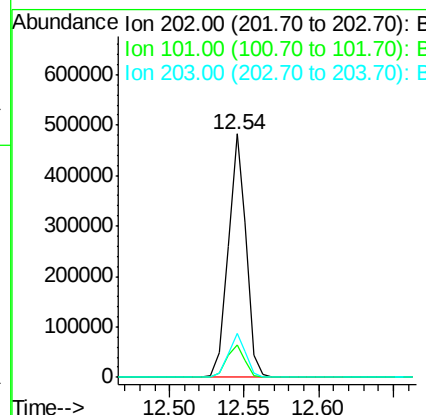
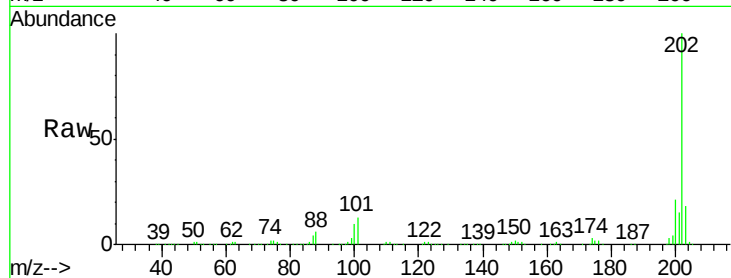




#74
 Fluoranthene
 Concen: 23.031 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

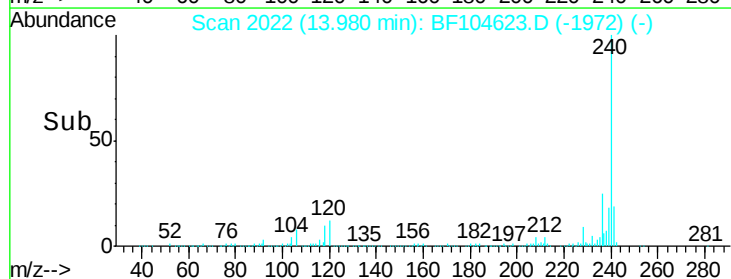
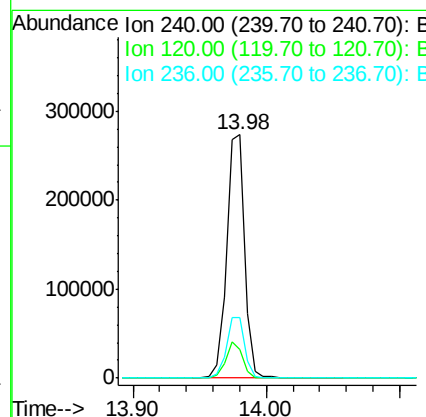
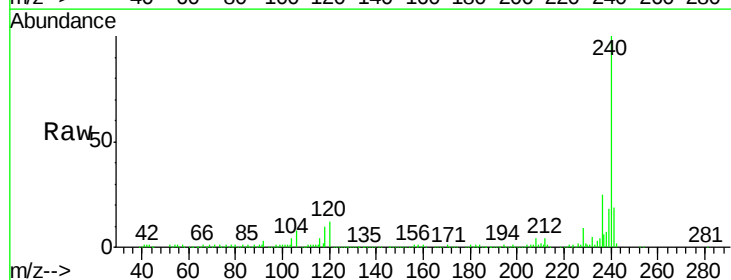
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MS

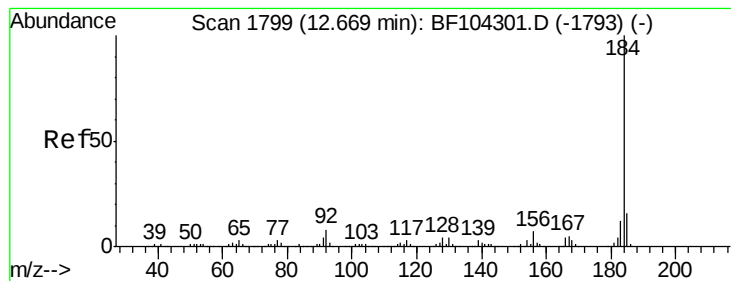
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.9	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.0	20.7	31.1





#76

Benzidine

Concen: 5.312 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

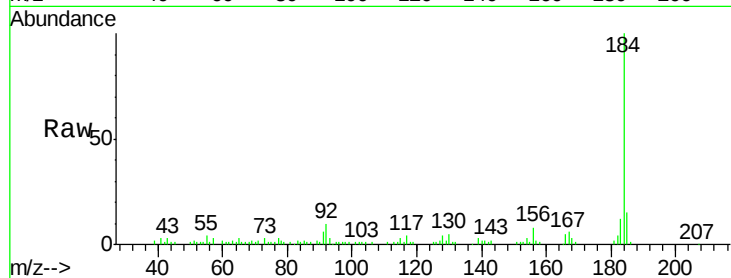
Tot Ion:184 Resp: 84888

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

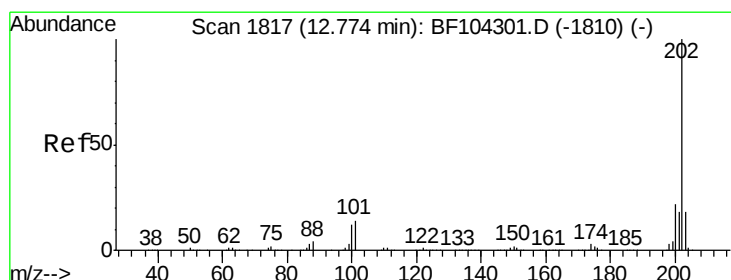
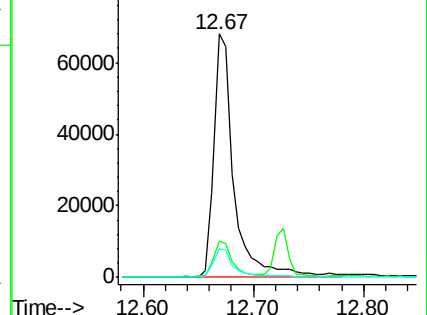
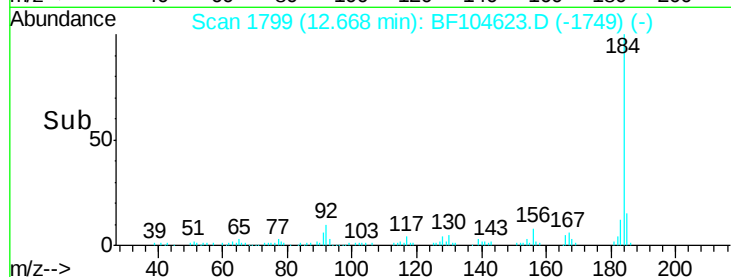
183 11.6 9.3 13.9



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

Pyrene

Concen: 21.407 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

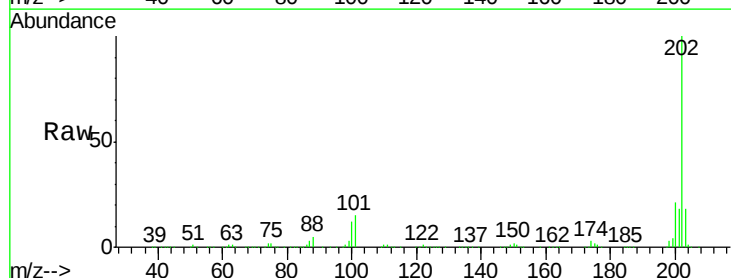
Tgt Ion:202 Resp: 413166

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

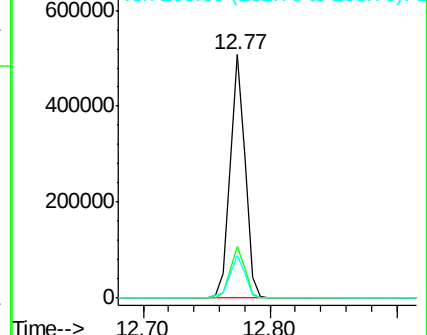
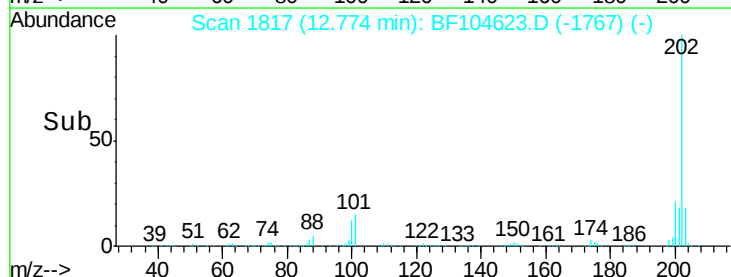
203 17.6 14.3 21.5

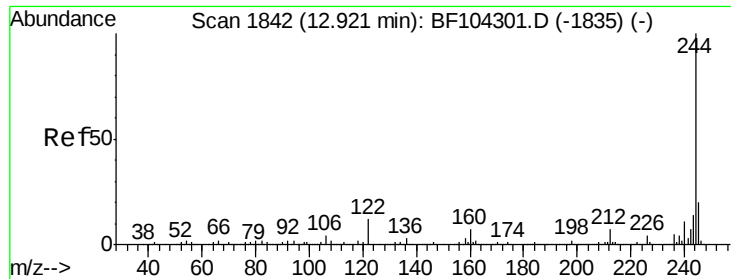


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

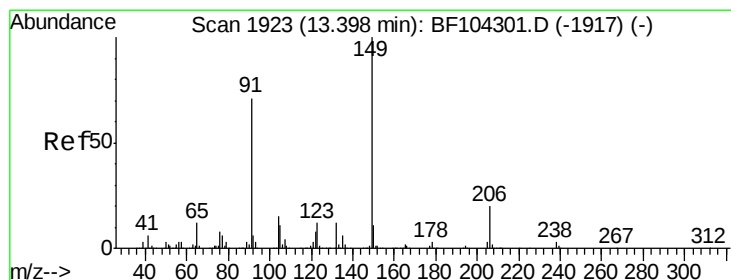
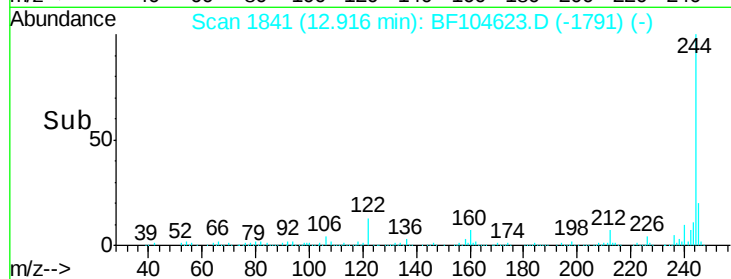
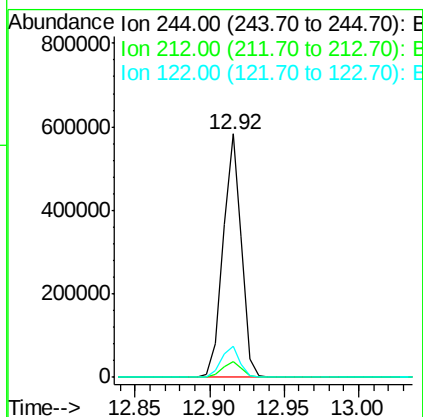
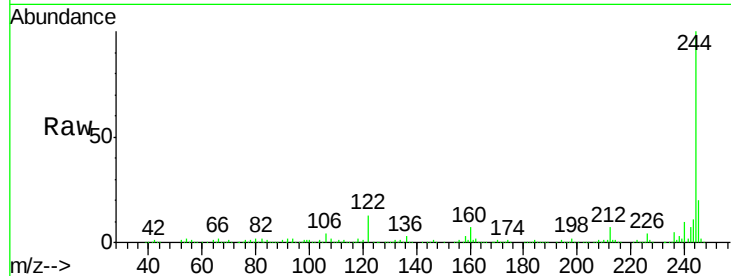




#78
 Terphenyl-d14
 Concen: 44.113 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

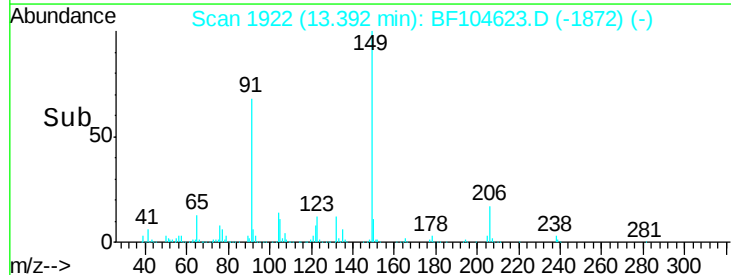
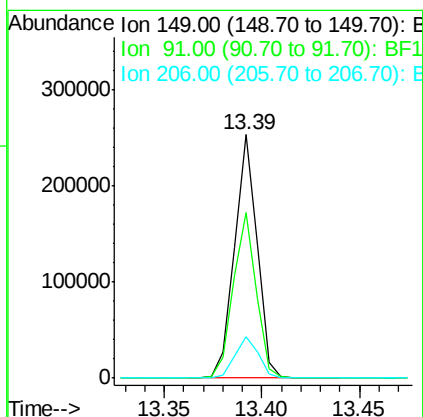
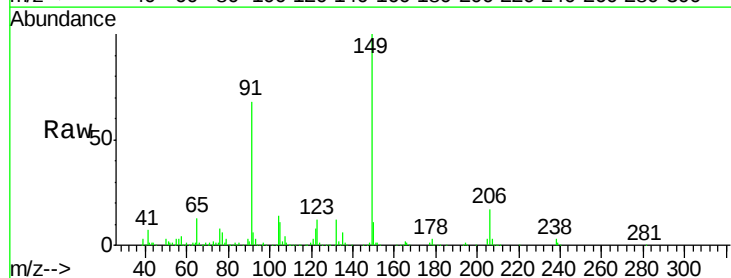
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MS

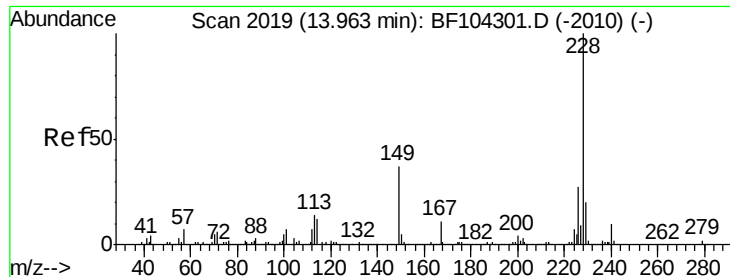
Tot Ion:244 Resp: 503812
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.7 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 22.299 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF104623.D
 Acq: 19 Apr 2018 11:39

Tgt Ion:149 Resp: 202753
 Ion Ratio Lower Upper
 149 100
 91 67.9 56.8 85.2
 206 17.3 14.1 21.1

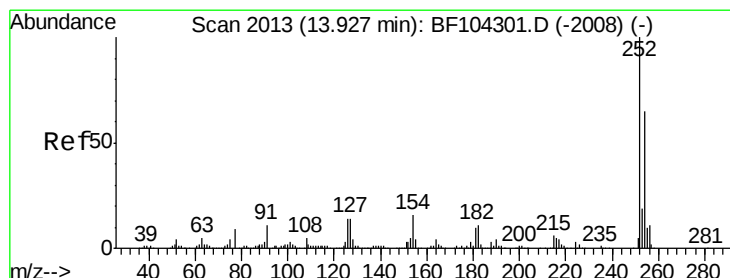
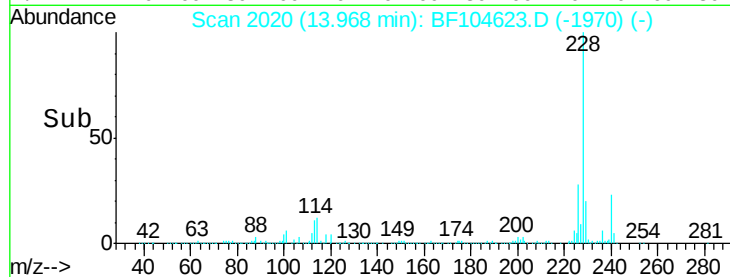
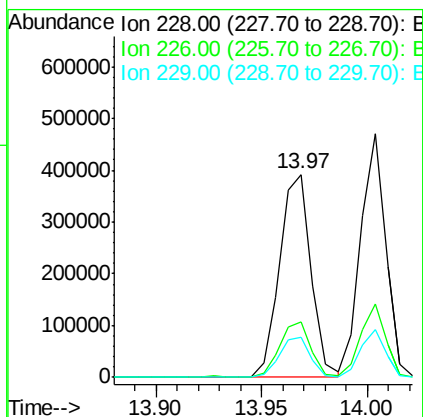
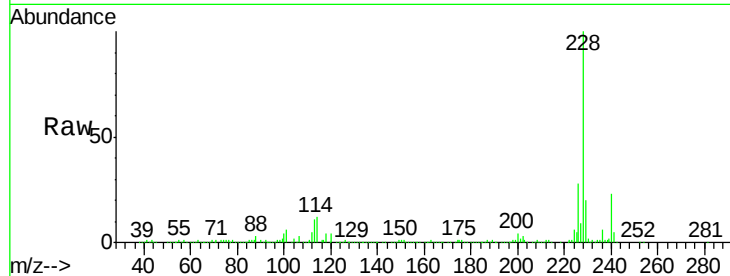




#80
Benzo(a)anthracene
Concen: 26.074 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

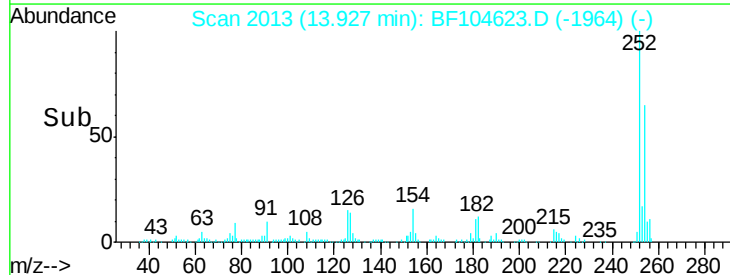
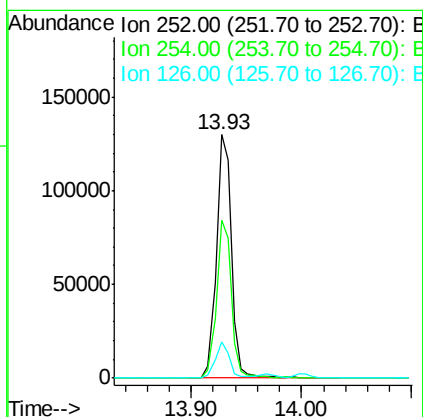
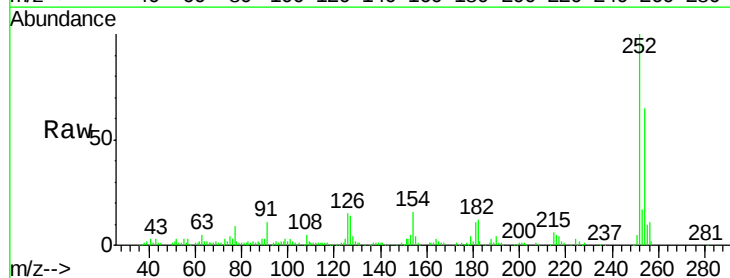
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

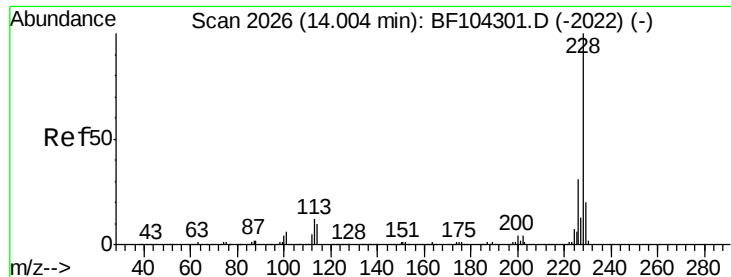
Tot Ion:228 Resp: 405583
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.6 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 21.273 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion:252 Resp: 123379
Ion Ratio Lower Upper
252 100
254 65.0 50.4 75.6
126 15.1 11.3 16.9





#82

Chrysene

Concen: 24.714 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MS

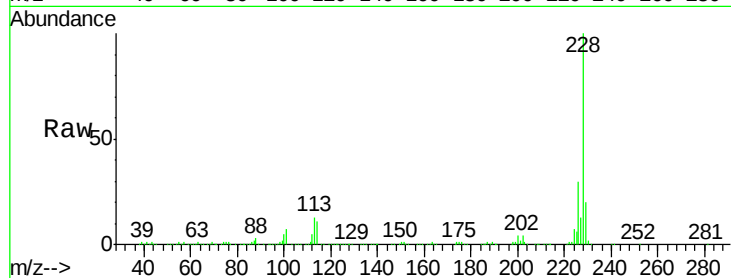
Tot Ion:228 Resp: 394870

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

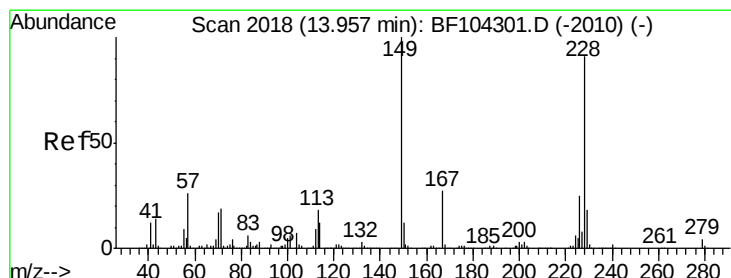
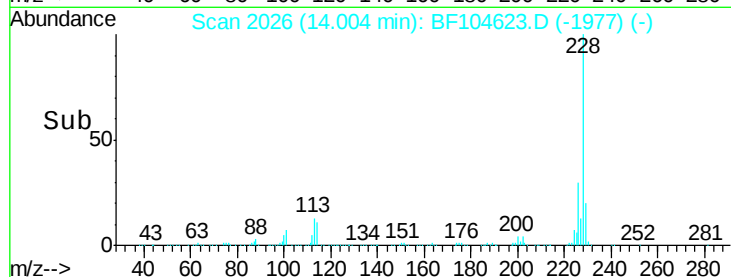
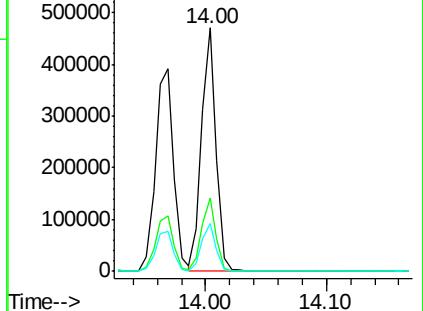
229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 24.446 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF104623.D

Acq: 19 Apr 2018 11:39

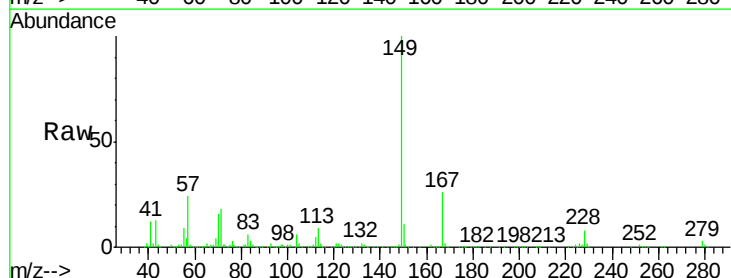
Tgt Ion:149 Resp: 285906

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

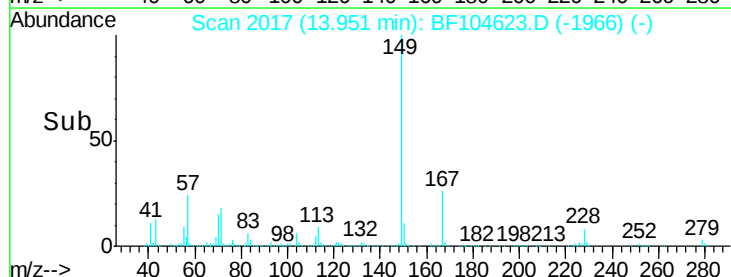
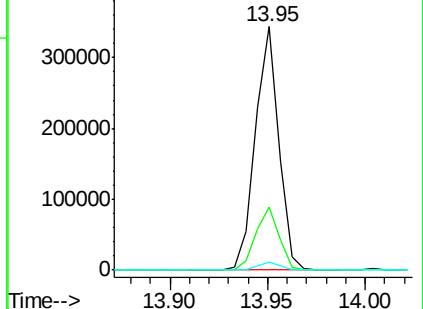
279 3.2 3.0 4.4

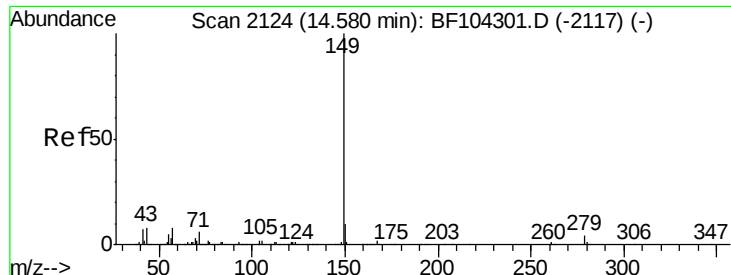


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

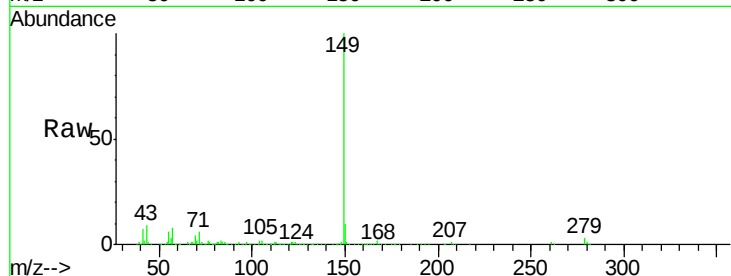




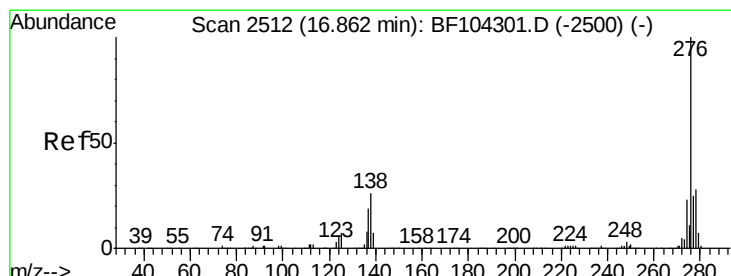
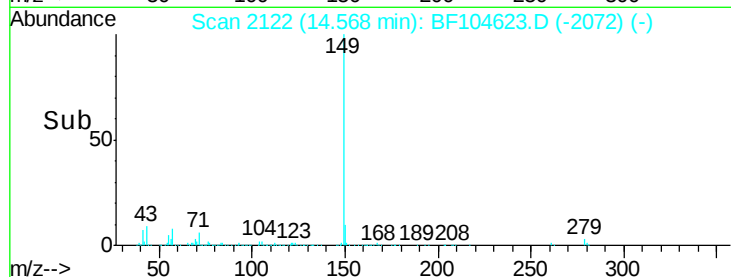
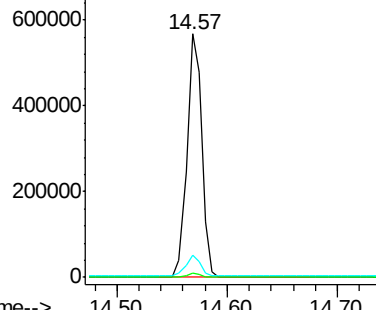
#84
Di-n-octyl phthalate
Concen: 26.759 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.2	8.4	12.6#

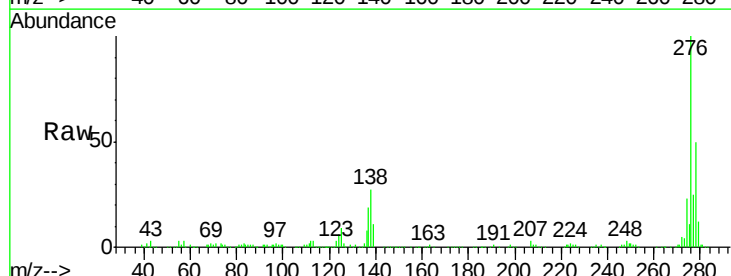


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

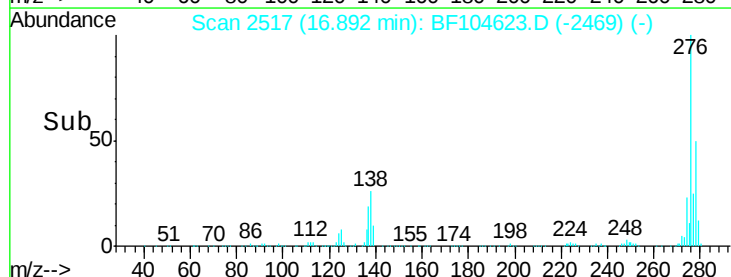
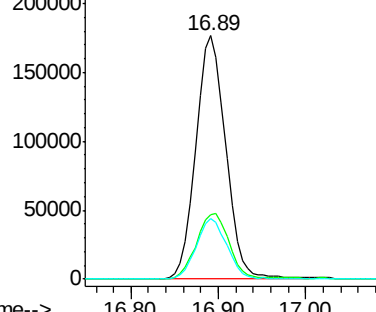


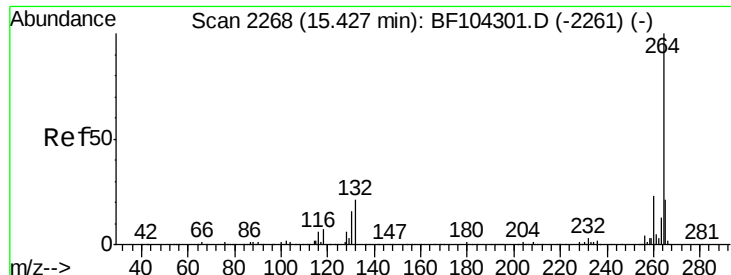
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.502 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.0	37.6
277	25.5	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

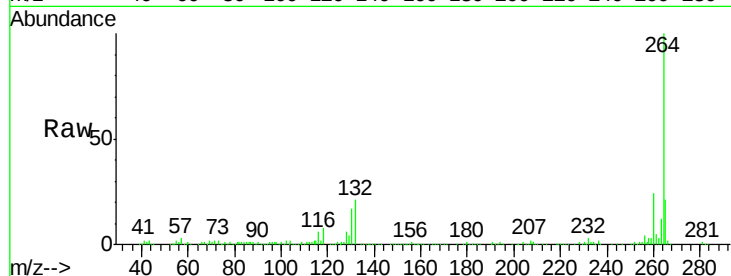




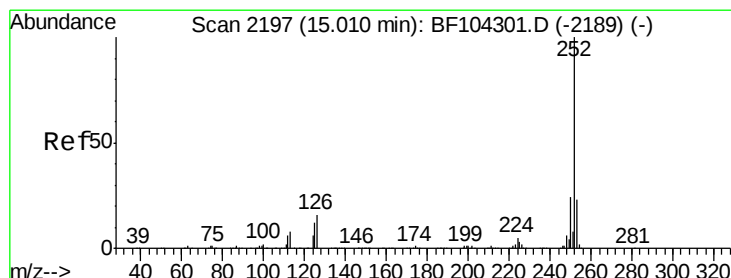
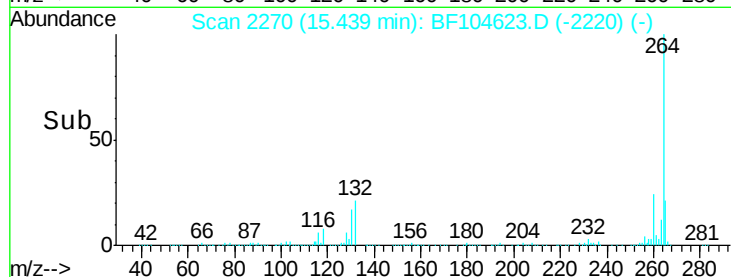
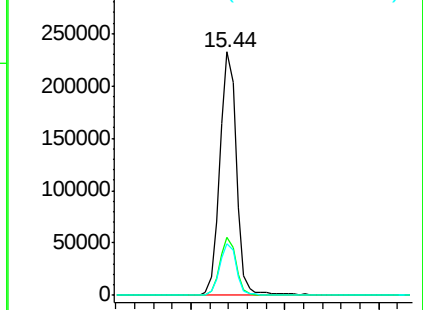
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.5	26.3

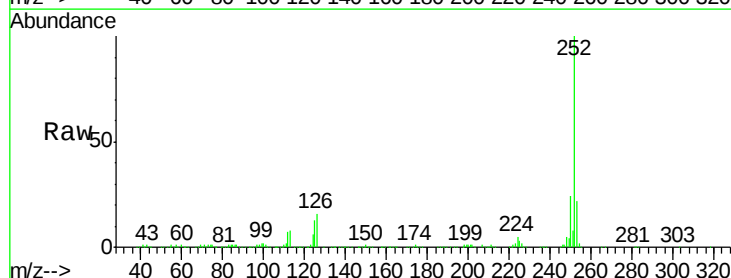


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

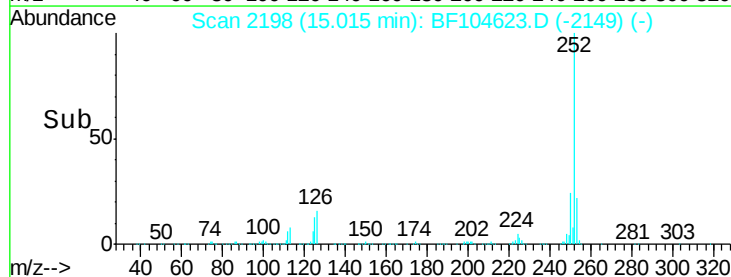
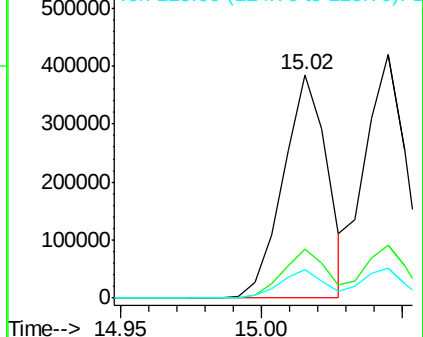


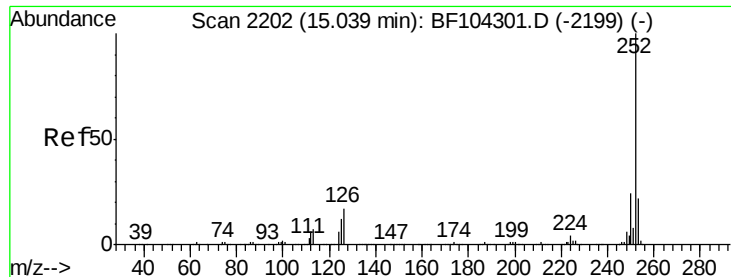
#87
Benzo(b)fluoranthene
Concen: 23.014 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	12.7	9.0	13.6



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

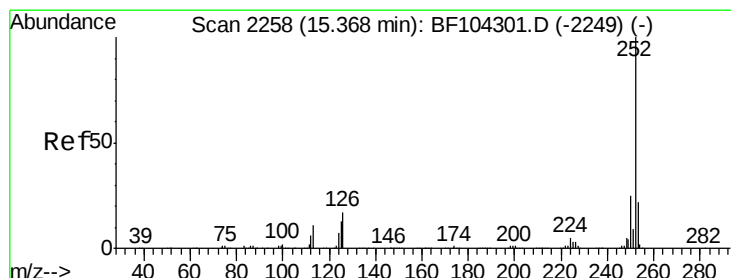
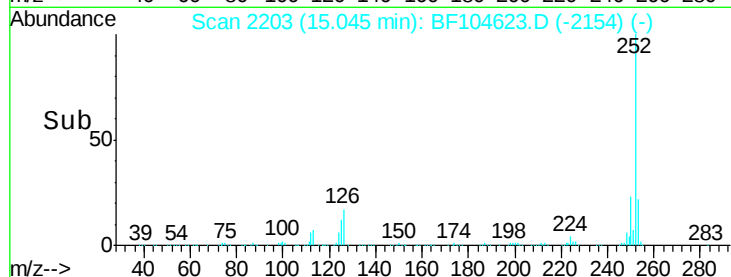
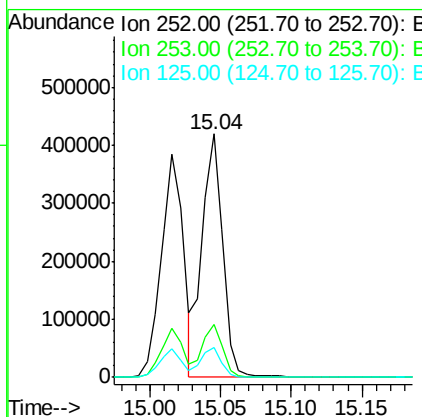
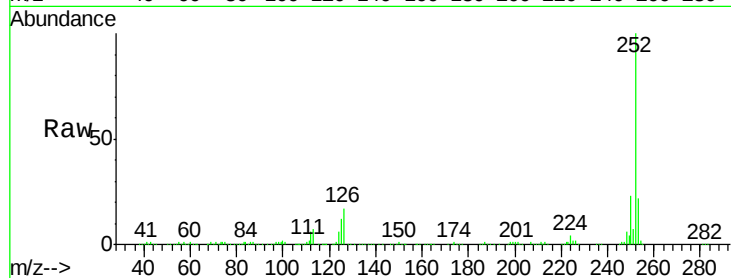




#88
Benzo(k)fluoranthene
Concen: 24.769 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

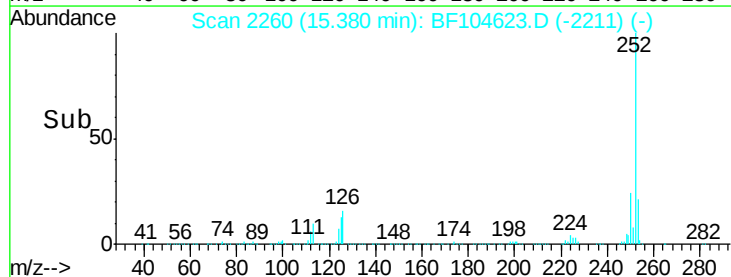
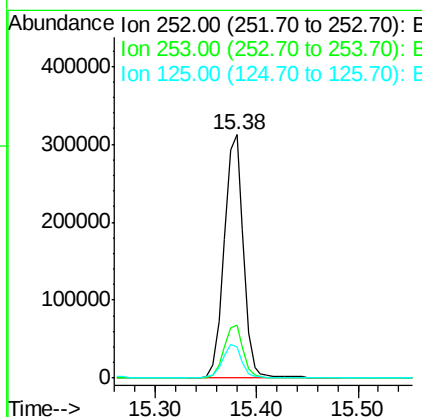
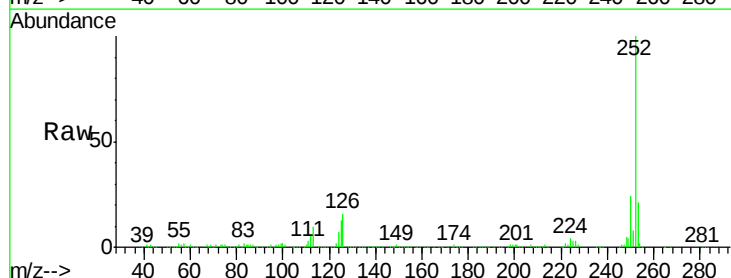
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

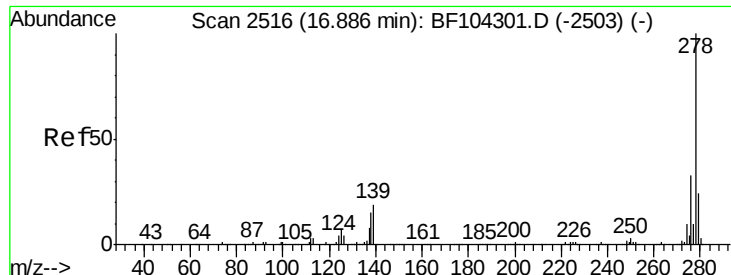
Tot Ion:252 Resp: 423416
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 12.3 10.2 15.2



#89
Benzo(a)pyrene
Concen: 25.466 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion:252 Resp: 412584
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 12.9 9.8 14.6

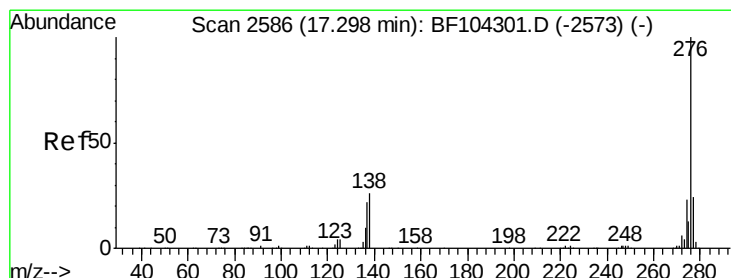
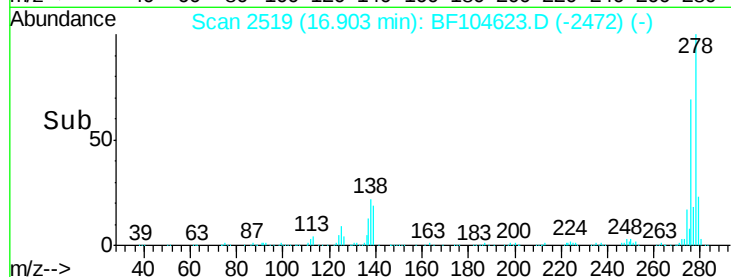
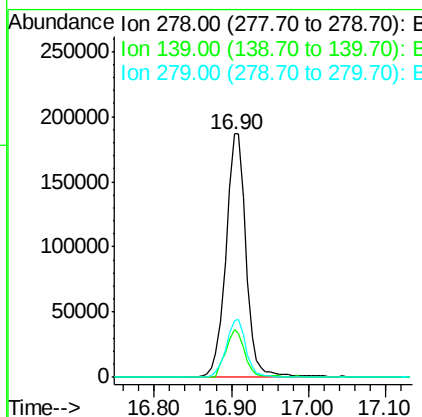
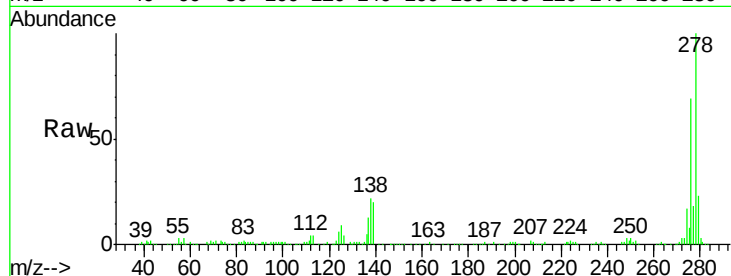




#90
Dibenzo(a,h)anthracene
Concen: 25.720 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.9	23.9
279	23.2	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 25.986 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.02 min
Lab File: BF104623.D
Acq: 19 Apr 2018 11:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	24.8	21.8	32.8

