

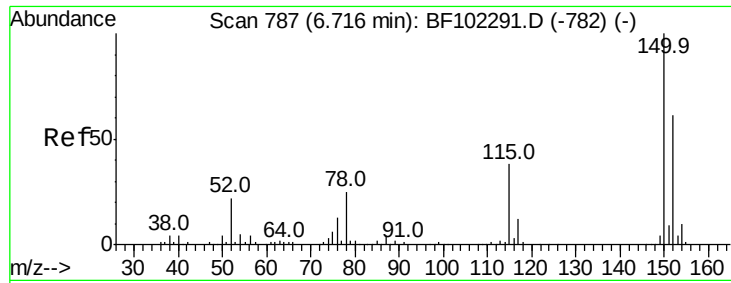
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102629.D
 Acq On : 30 Jan 2018 7:01
 Operator : SJ/JU
 Sample : J1305-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 07:45:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	160322	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	673815	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	287390	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	472388	20.00	ng	0.00
75) Chrysene-d12	13.88	240	281456	20.00	ng	0.00
86) Perylene-d12	15.32	264	261462	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1274535	120.54	ng	0.02
7) Phenol-d6	6.37	99	1460231	114.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	1031435	87.97	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	331222	116.32	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1699537	86.95	ng	0.00
78) Terphenyl-d14	12.82	244	1332192	106.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	26806	3.022	ng	96
10) Phenol	6.37	94	42373	3.045	ng	# 34
15) Benzyl Alcohol	6.89	79	1116581	124.146	ng	98
17) 2-Methylphenol	6.89	107	637688	66.245	ng	# 22
19) n-Nitroso-di-n-propylamine	7.14	70	81069	10.392	ng	# 55
20) 3+4-Methylphenols	6.89	107	634970	56.086	ng	# 1
25) Isophorone	7.29	82	1030112	49.280	ng	# 64
27) 2,4-Dimethylphenol	7.82	122	147447	16.079	ng	# 5
32) Benzoic acid	7.82	122	147447	19.191	ng	96
49) Dimethylphthalate	9.46	163	54722	2.304	ng	# 95
53) 2,4-Dinitrophenol	9.96	184	363	3.846	ng	91
66) 4-Bromophenyl-phenylether	10.55	248	21855	4.298	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.84	149	162814	11.187	ng	# 100

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

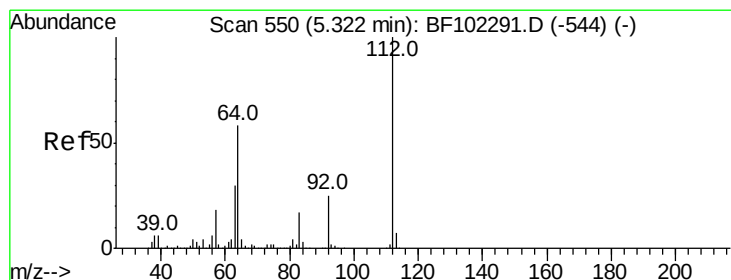
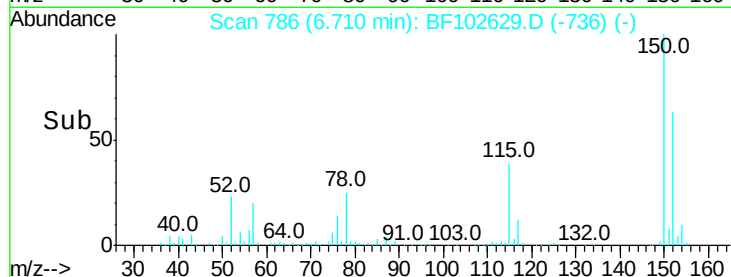
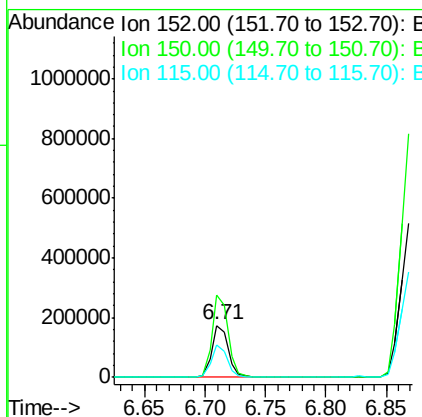
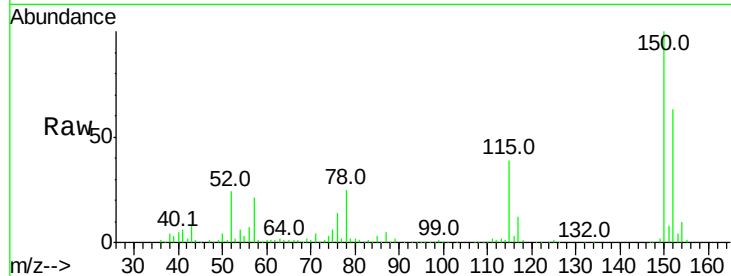


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102629.D
Acq: 30 Jan 2018 7:01

Instrument :
BNA_F
ClientSampleId :

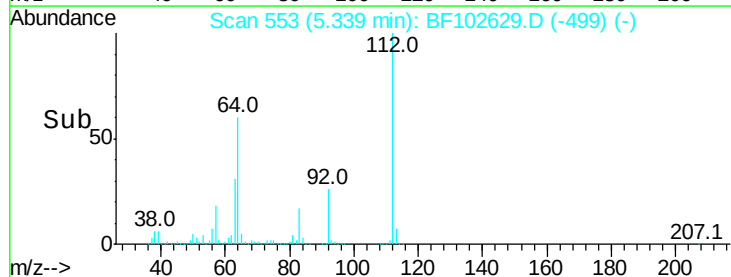
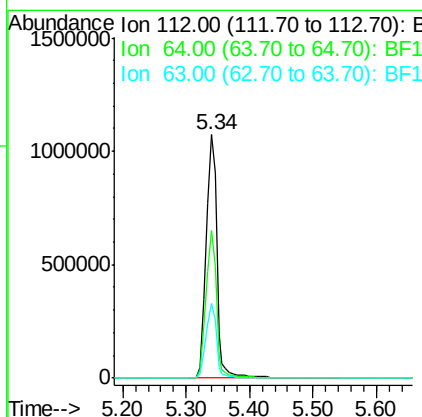
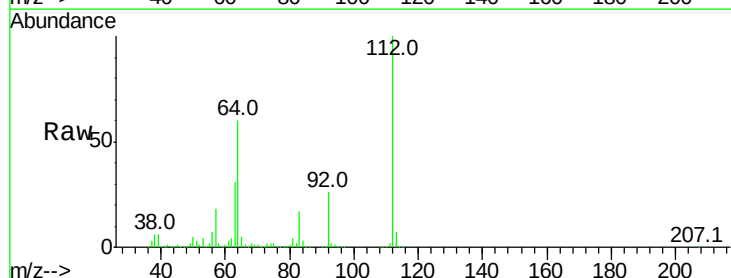
Tot Ion:152 Resp: 160322
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 61.4 50.1 75.1

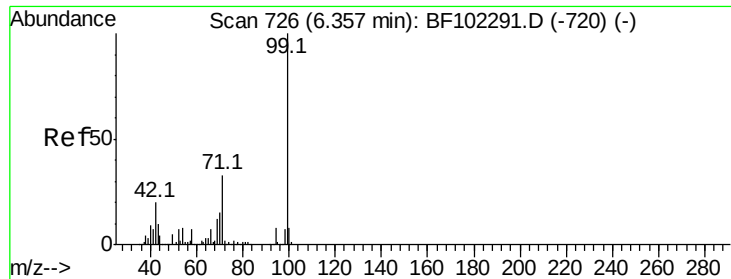


#5

2-Fluorophenol
Concen: 120.540 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102629.D
Acq: 30 Jan 2018 7:01

Tgt Ion:112 Resp: 1274535
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 114.552 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

Instrument :

BNA_F

ClientSampled :

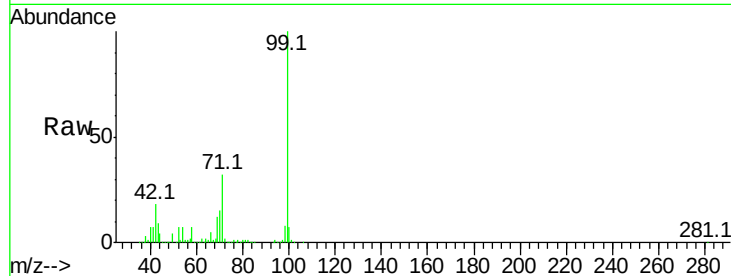
Tot Ion: 99 Resp: 1460231

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

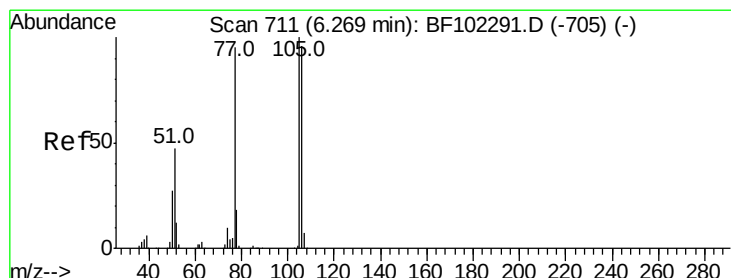
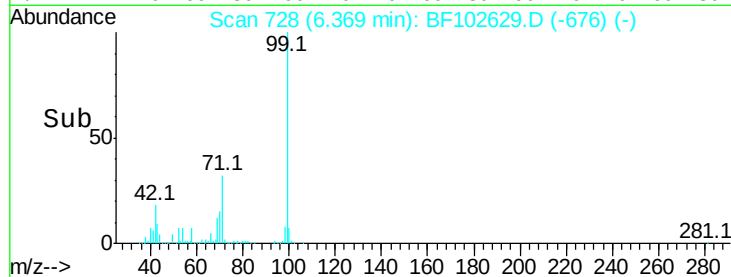
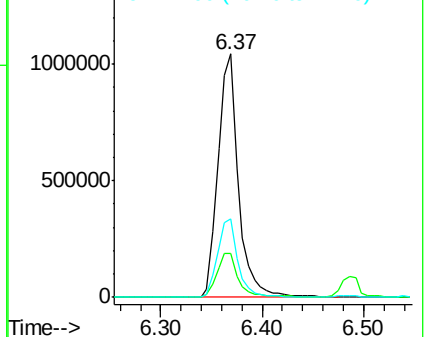
71 32.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.022 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

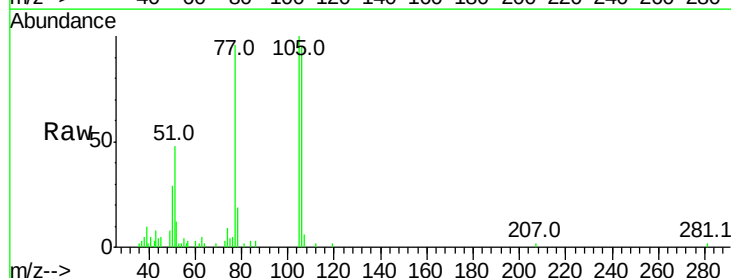
Tgt Ion: 77 Resp: 26806

Ion Ratio Lower Upper

77 100

105 104.7 81.1 121.1

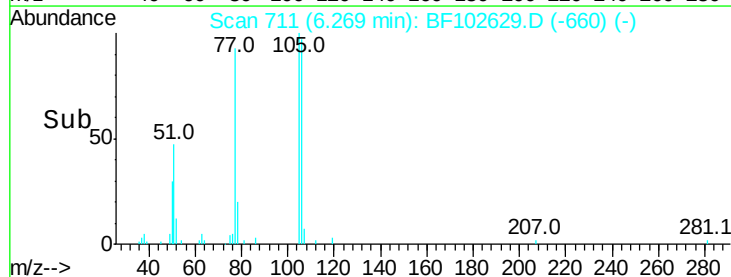
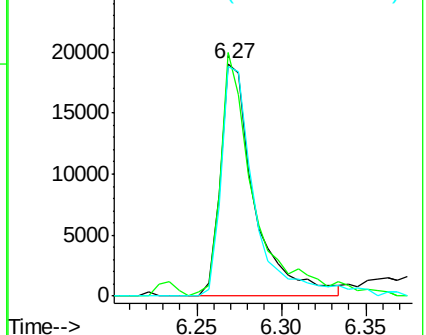
106 99.0 74.5 114.5

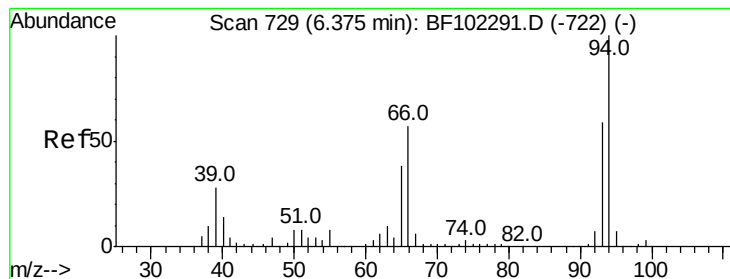


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.045 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

Instrument :

BNA_F

ClientSampleId :

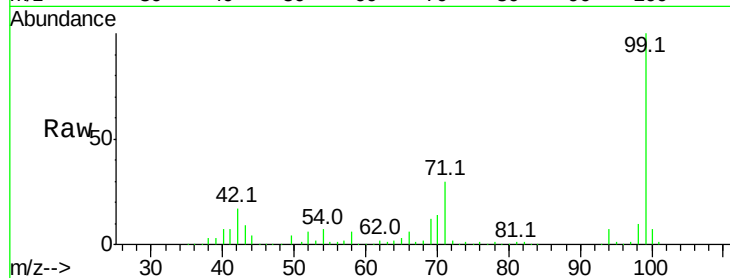
Tot Ion: 94 Resp: 42373

Ion Ratio Lower Upper

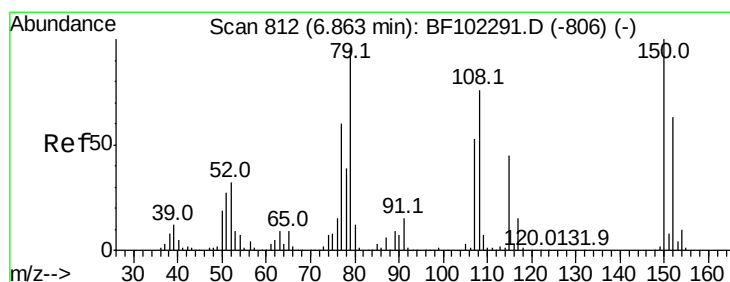
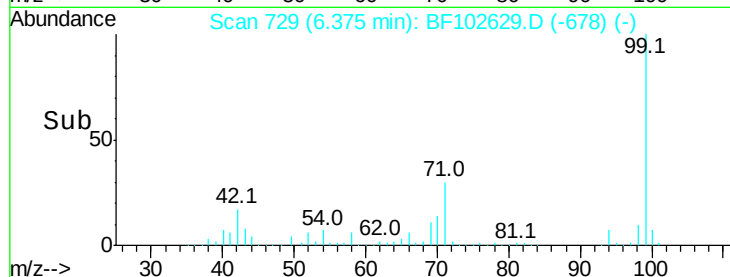
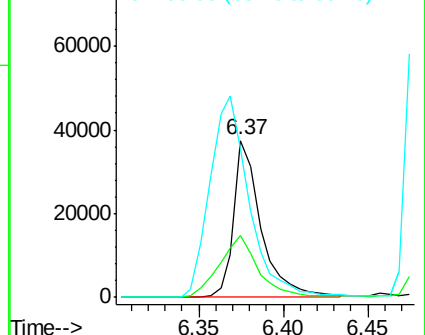
94 100

65 39.7 7.9 47.9

66 94.7 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#15

Benzyl Alcohol

Concen: 124.146 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.02 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

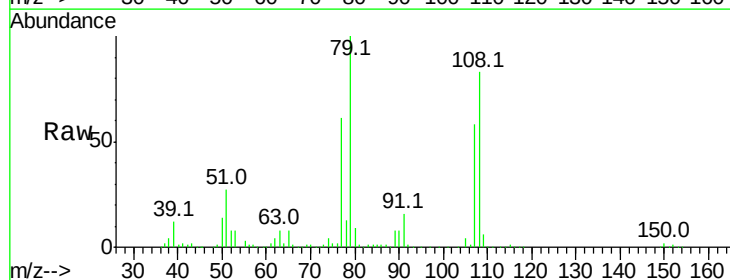
Tgt Ion: 79 Resp: 1116581

Ion Ratio Lower Upper

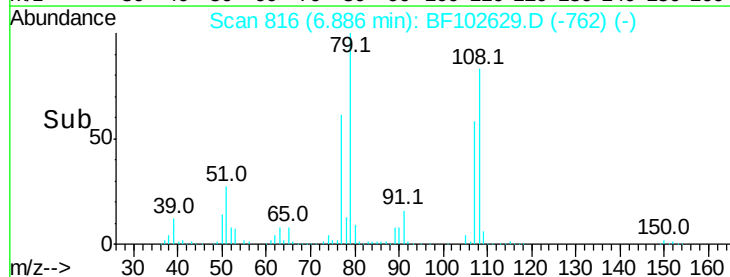
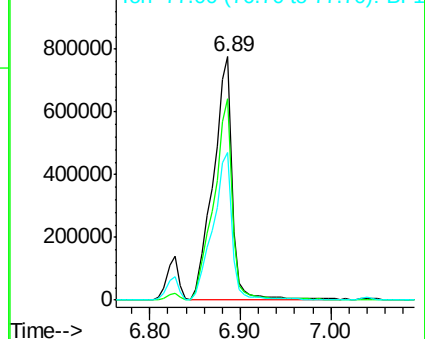
79 100

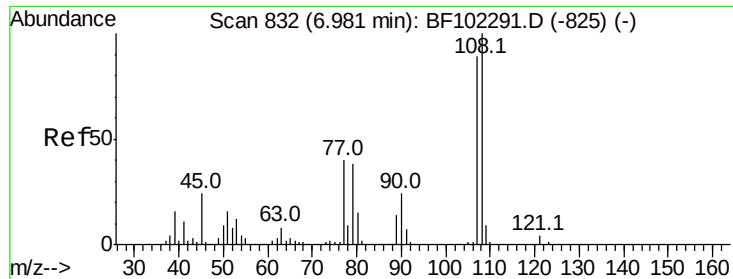
108 82.5 65.1 97.7

77 60.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

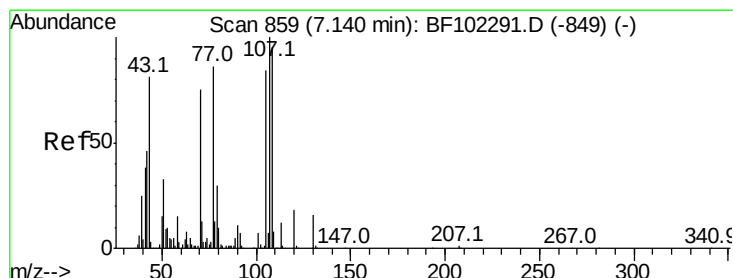
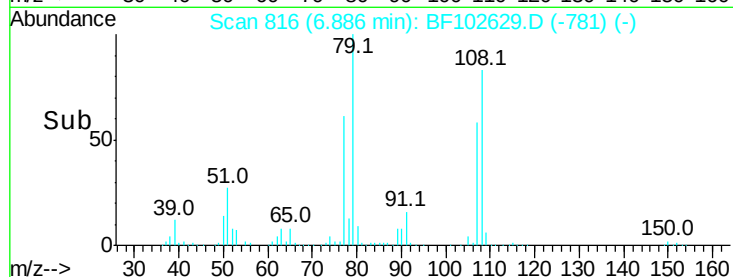
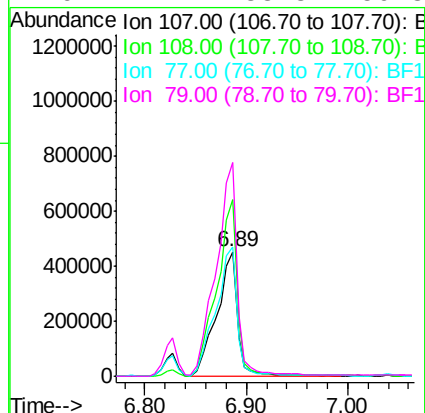
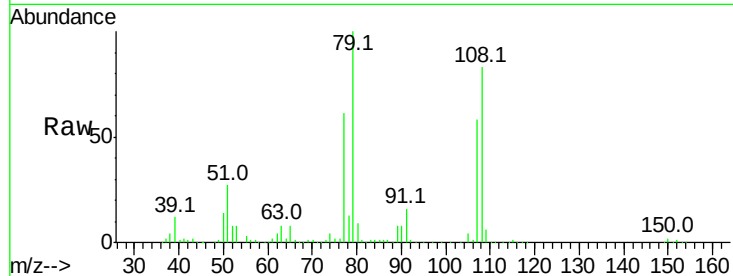




#17
2-Methylphenol
Concen: 66.245 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.09 min
Lab File: BF102629.D
Acq: 30 Jan 2018 7:01

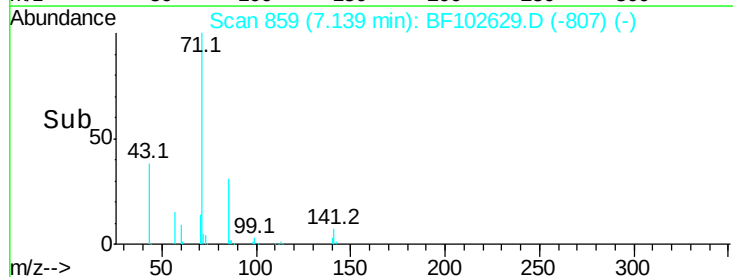
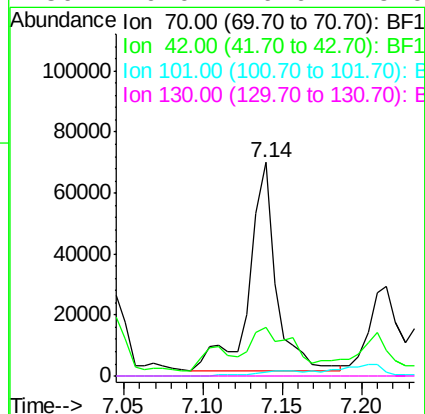
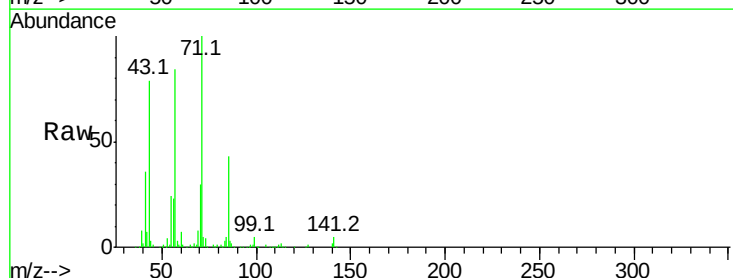
Instrument :
BNA_F
ClientSampled :

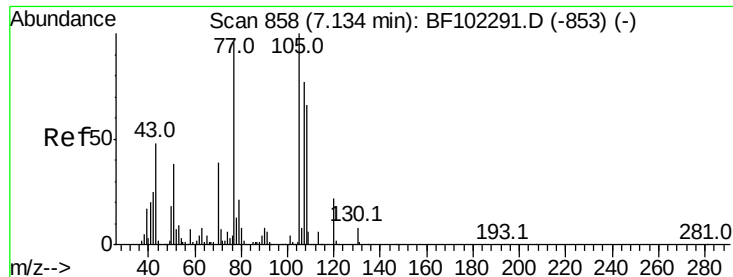
Tot Ion:107 Resp: 637688
Ion Ratio Lower Upper
107 100
108 141.5 91.7 137.5#
77 104.2 33.8 50.8#
79 171.4 33.8 50.8#



#19
n-Nitroso-di-n-propylamine
Concen: 10.392 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102629.D
Acq: 30 Jan 2018 7:01

Tgt Ion: 70 Resp: 81069
Ion Ratio Lower Upper
70 100
42 22.7 47.5 71.3#
101 1.5 7.4 11.2#
130 0.0 16.6 25.0#

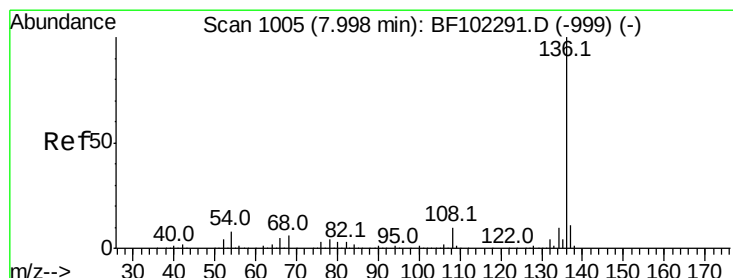
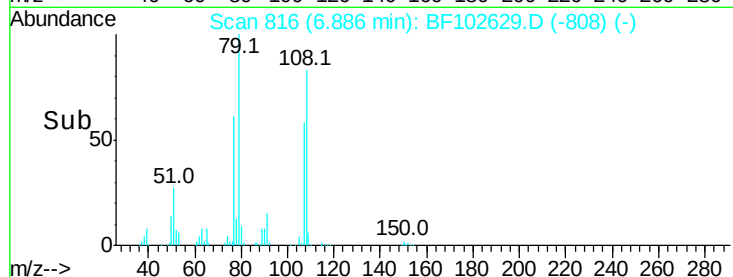
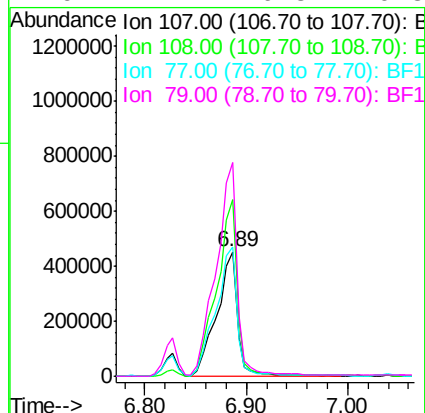
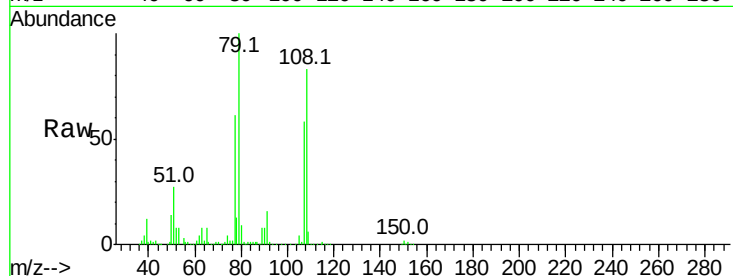




#20
3+4-Methylphenols
Concen: 56.086 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.25 min
Lab File: BF102629.D
Acq: 30 Jan 2018 7:01

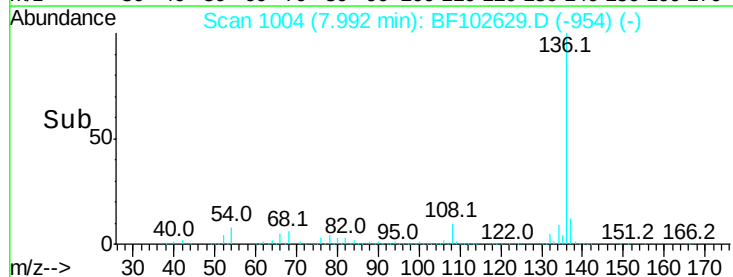
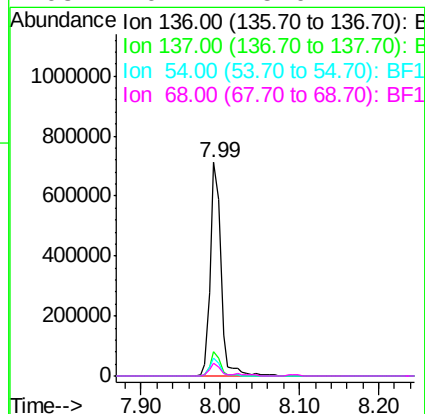
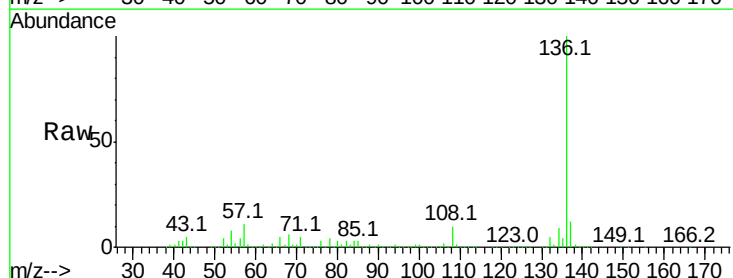
Instrument :
BNA_F
ClientSampled :

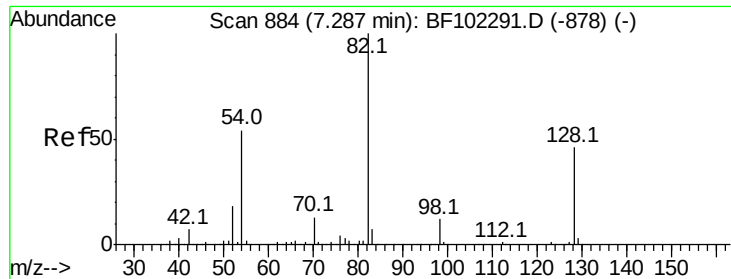
Tot Ion:107 Resp: 634970
Ion Ratio Lower Upper
107 100
108 141.5 68.2 108.2#
77 104.2 26.7 66.7#
79 171.4 6.3 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102629.D
Acq: 30 Jan 2018 7:01

Tgt Ion:136 Resp: 673815
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.4 6.6 9.8
68 6.1 5.0 7.4

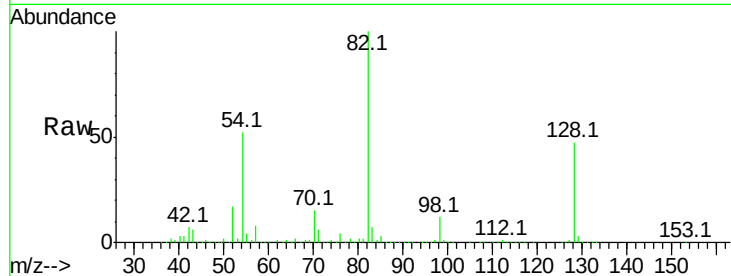




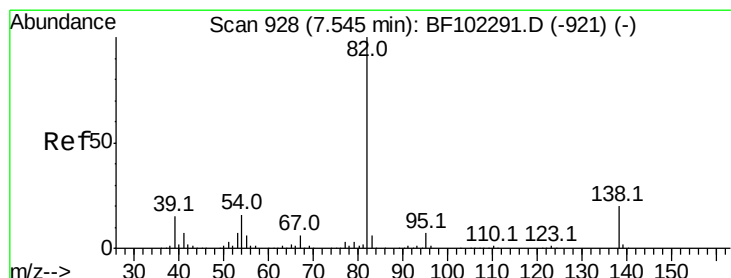
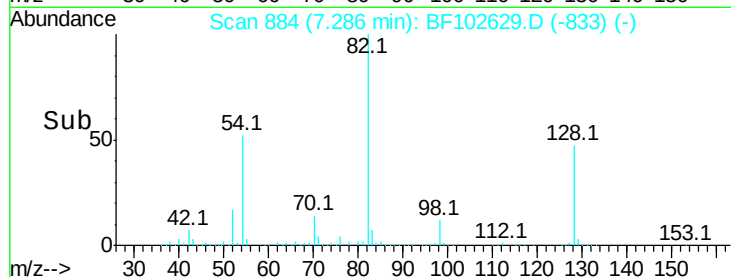
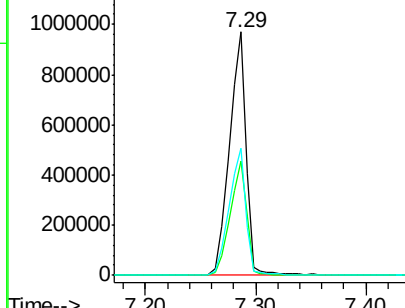
#23
Nitrobenzene-d5
Concen: 87.967 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102629.D
Acq: 30 Jan 2018 7:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1031435
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 52.4 41.4 62.2

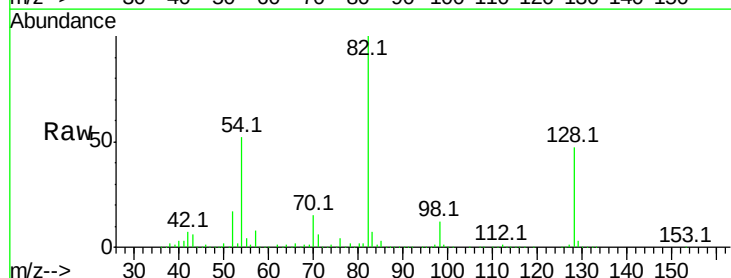


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

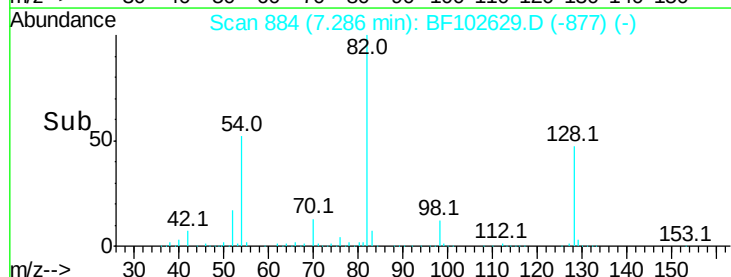
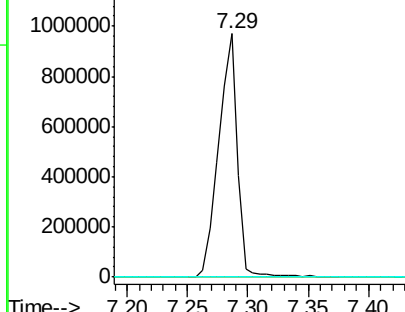


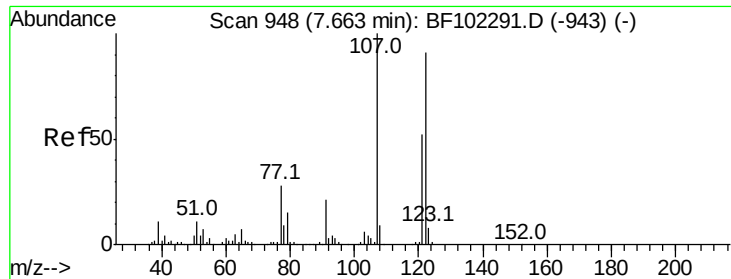
#25
Isophorone
Concen: 49.280 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102629.D
Acq: 30 Jan 2018 7:01

Tgt Ion: 82 Resp: 1030112
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#27

2,4-Dimethylphenol

Concen: 16.079 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.16 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

Instrument :

BNA_F

ClientSampleId :

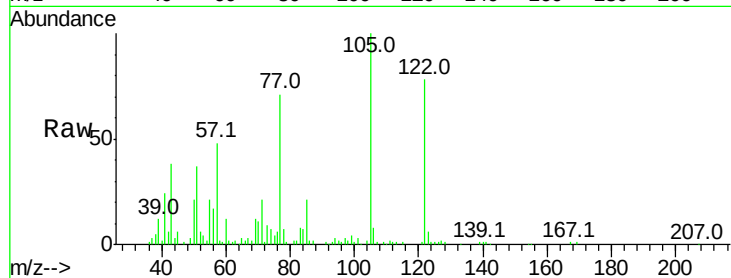
Tot Ion:122 Resp: 147447

Ion Ratio Lower Upper

122 100

107 1.2 91.2 136.8#

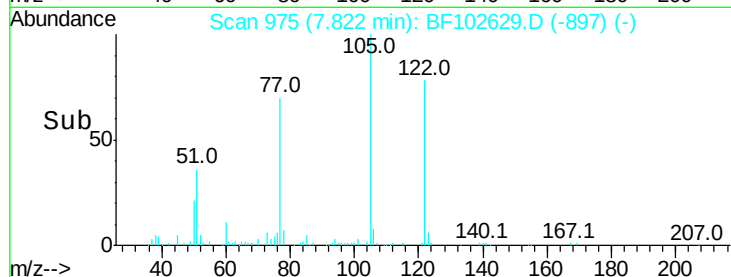
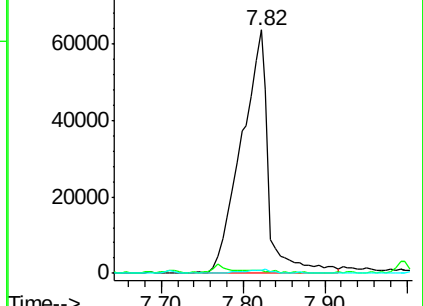
121 1.4 47.2 70.8#



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



#32

Benzoic acid

Concen: 19.191 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

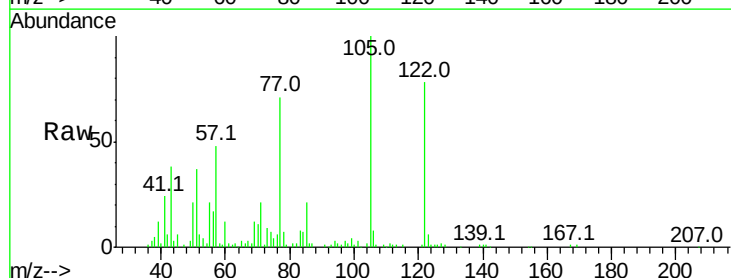
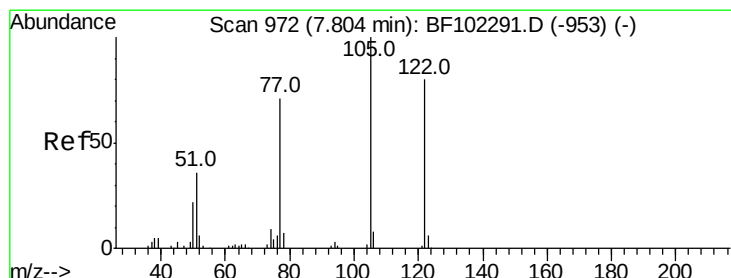
Tgt Ion:122 Resp: 147447

Ion Ratio Lower Upper

122 100

105 128.5 101.1 141.1

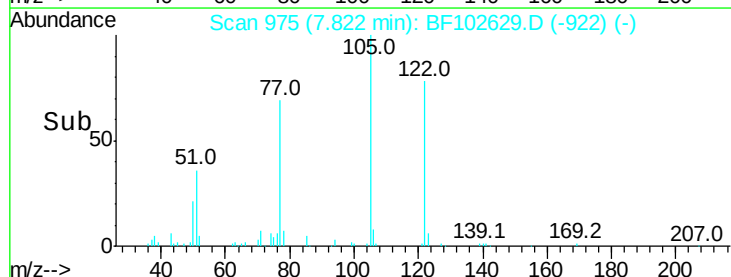
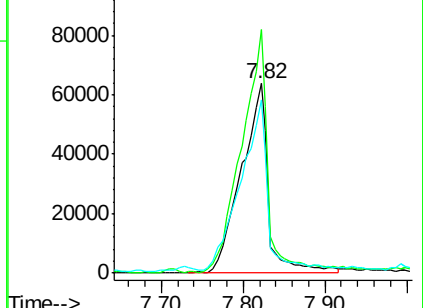
77 91.2 70.7 110.7

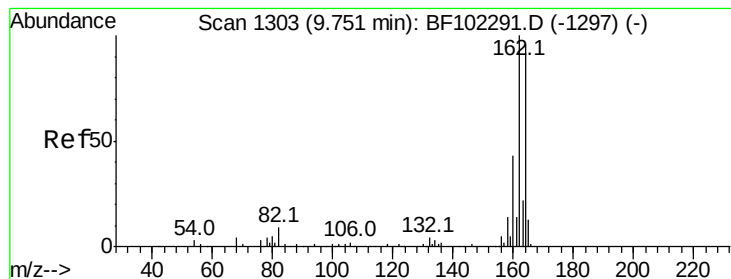


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

Instrument :

BNA_F

ClientSampleId :

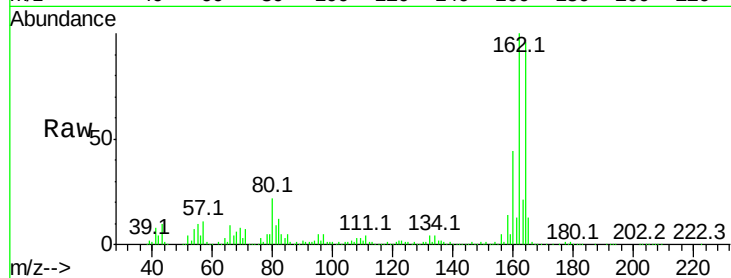
Tot Ion:164 Resp: 287390

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

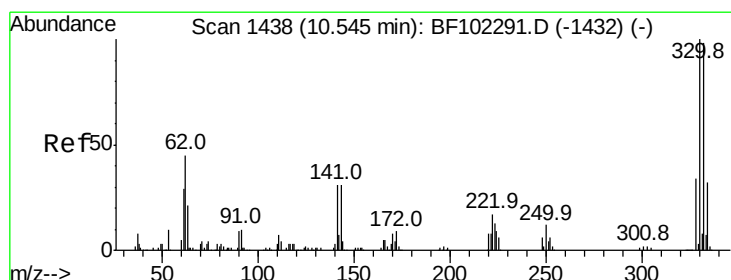
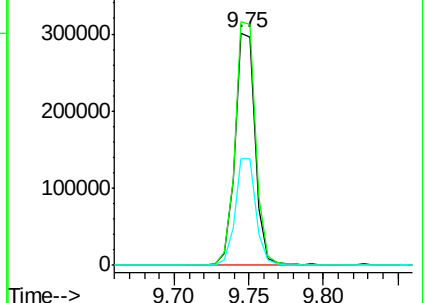
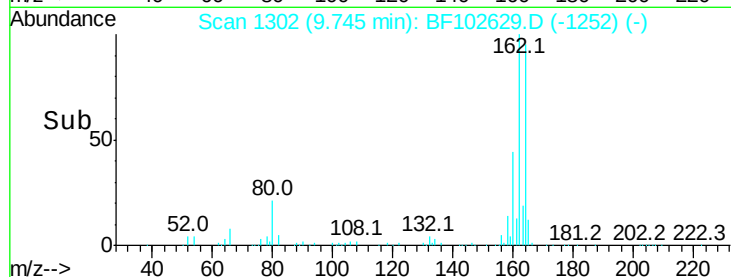
160 46.0 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 116.315 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

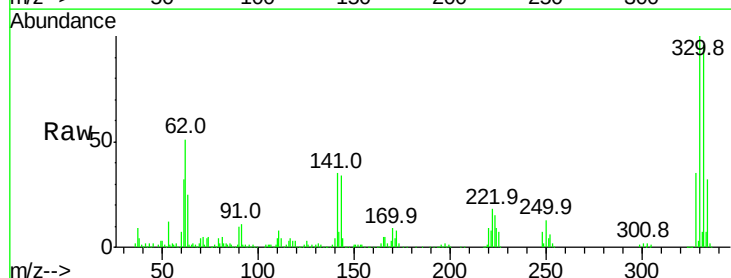
Tgt Ion:330 Resp: 331222

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

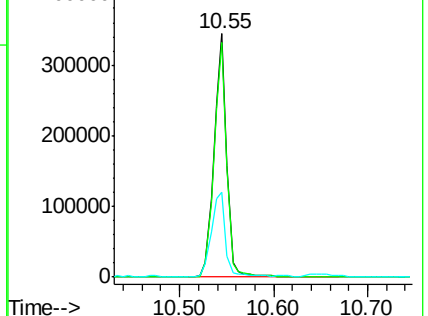
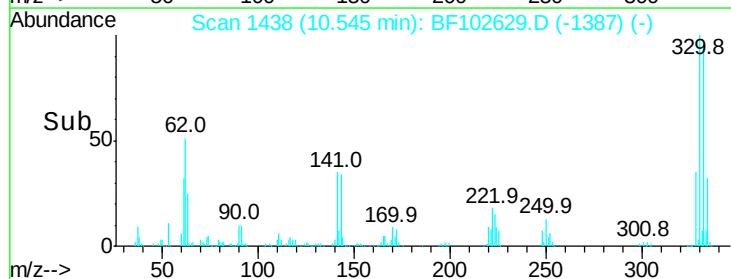
141 38.4 29.9 44.9

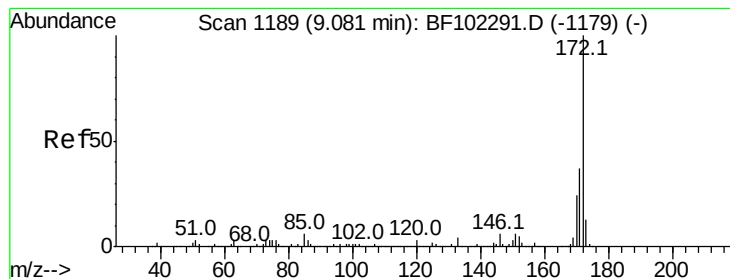


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 86.952 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

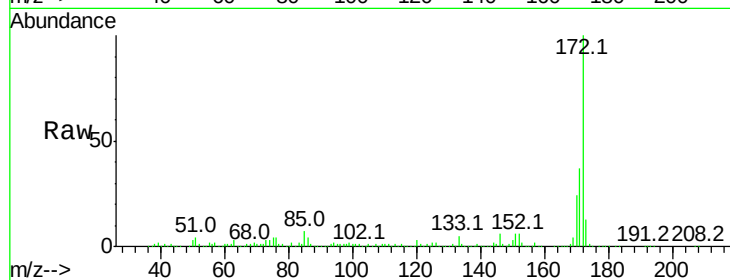
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1699537

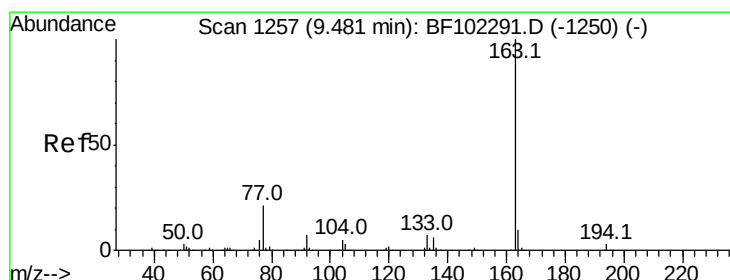
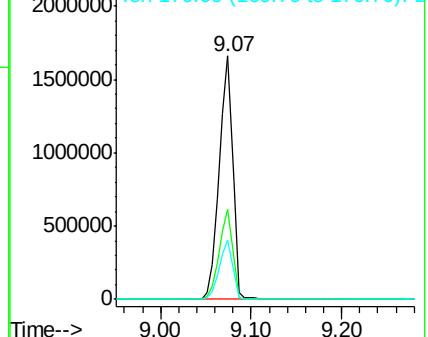
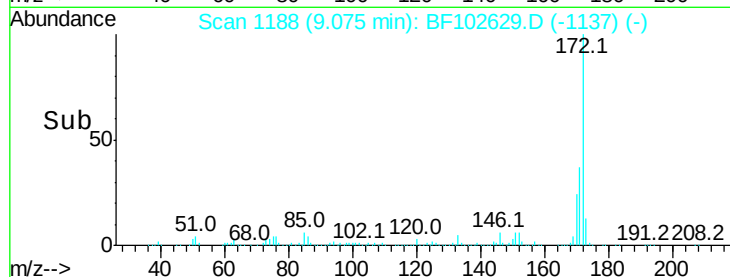
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.2	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 2.304 ng

RT: 9.46 min Scan# 1254

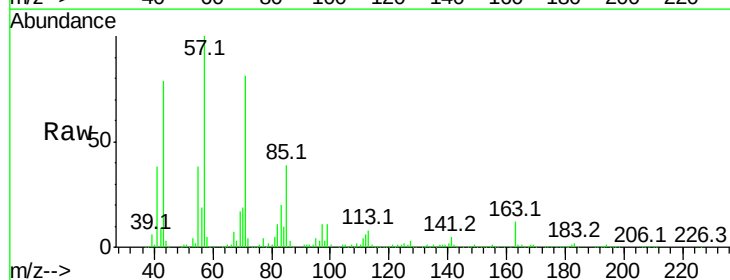
Delta R.T. -0.02 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

Tgt Ion:163 Resp: 54722

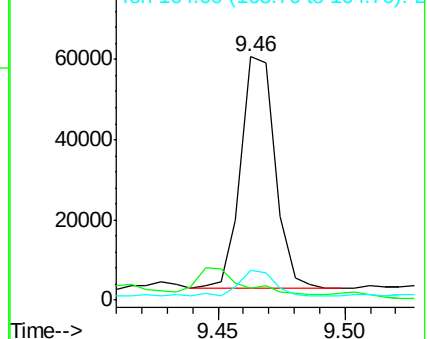
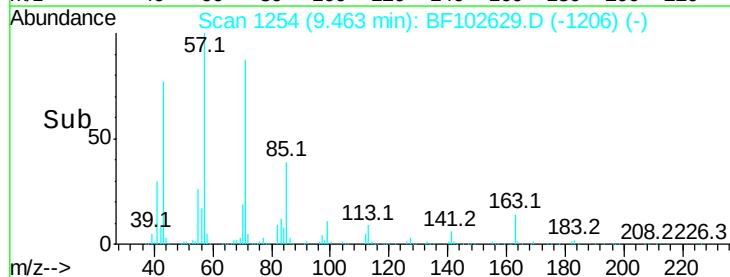
Ion	Ratio	Lower	Upper
163	100		
194	4.9	2.7	4.1#
164	12.1	8.2	12.2

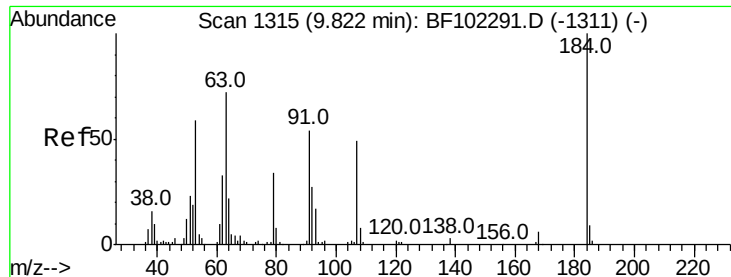


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#53

2,4-Dinitrophenol

Concen: 3.846 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.13 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

Instrument :

BNA_F

ClientSampled :

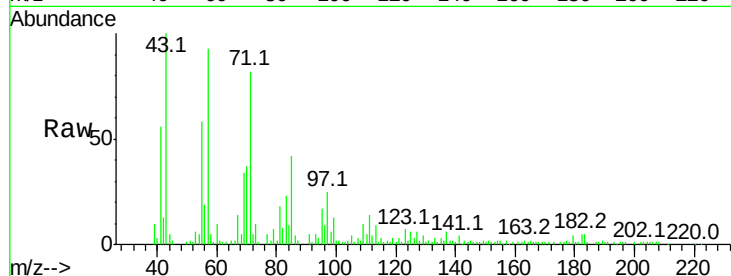
Tot Ion:184 Resp: 363

Ion Ratio Lower Upper

184 100

63 68.6 54.2 81.2

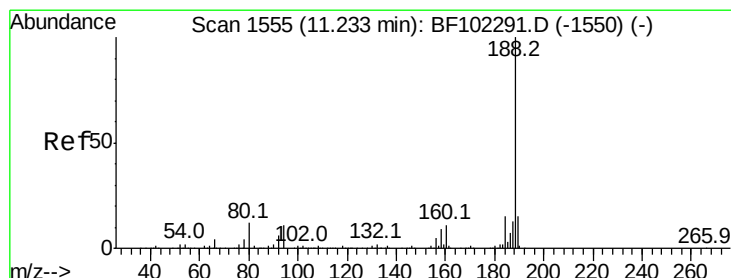
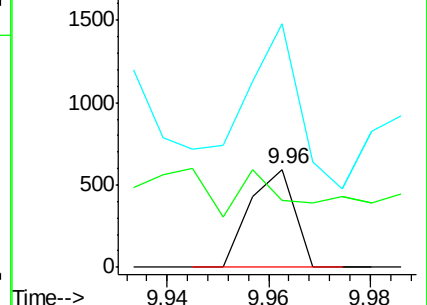
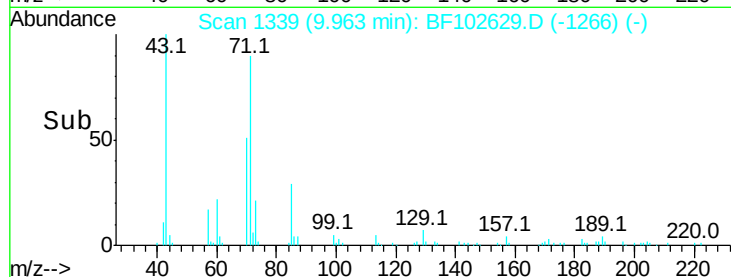
154 248.0 184.0 276.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

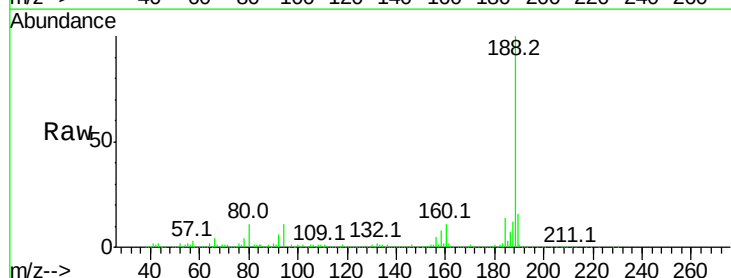
Tgt Ion:188 Resp: 472388

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

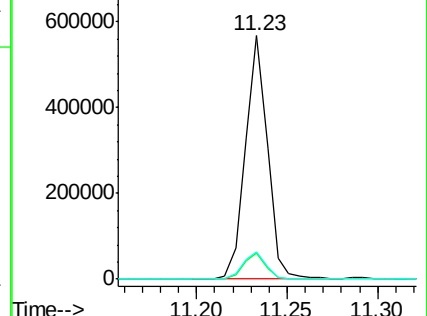
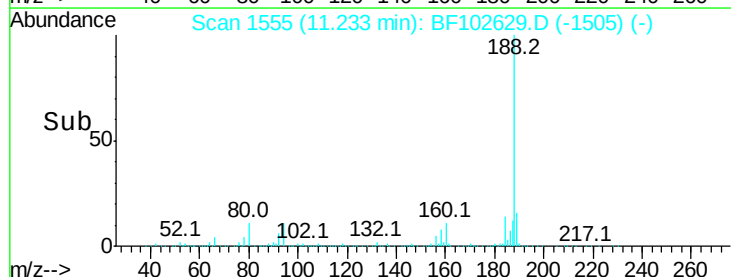
80 11.3 9.2 13.8

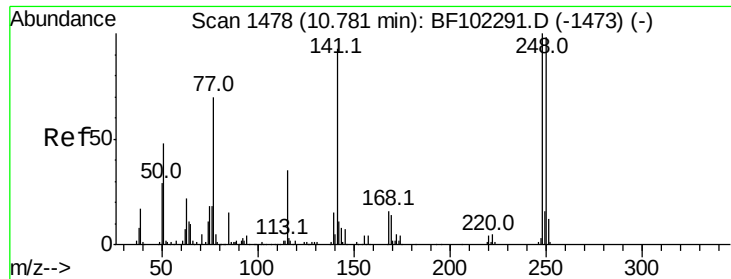


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

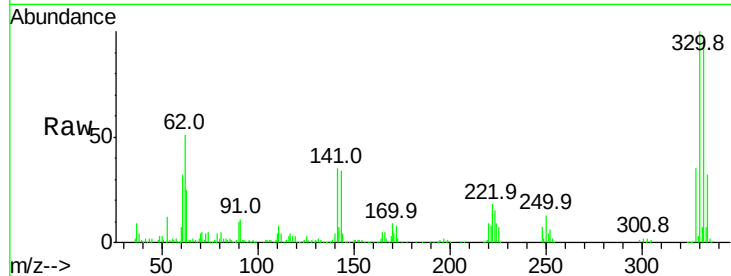




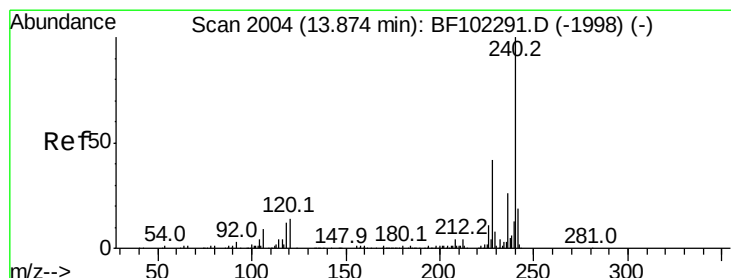
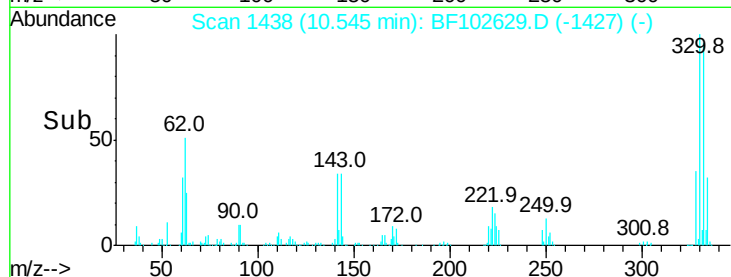
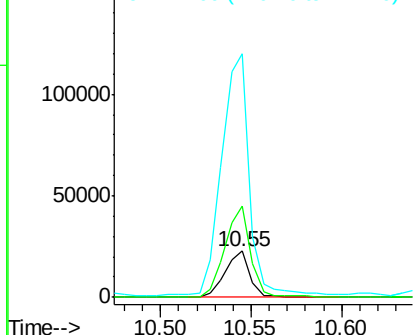
#66
4-Bromophenyl-phenylether
Concen: 4.298 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102629.D
Acq: 30 Jan 2018 7:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 21855
Ion Ratio Lower Upper
248 100
250 196.6 76.9 115.3#
141 524.6 74.4 111.6#

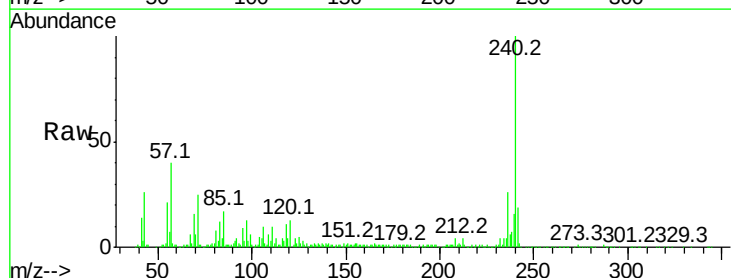


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

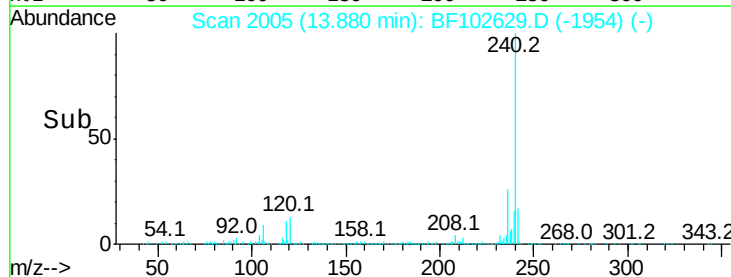
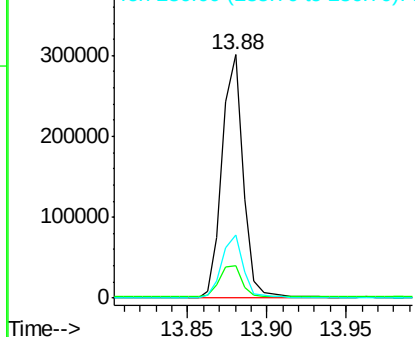


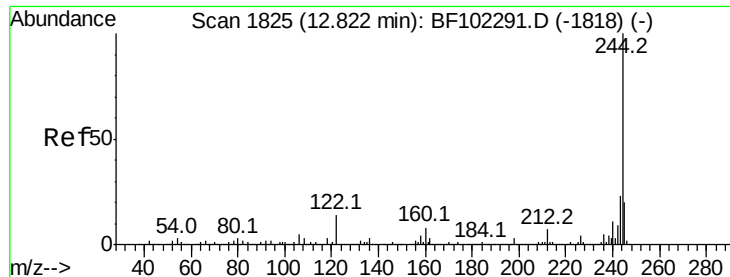
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF102629.D
Acq: 30 Jan 2018 7:01

Tgt Ion:240 Resp: 281456
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 106.704 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

Instrument :

BNA_F

ClientSampleId :

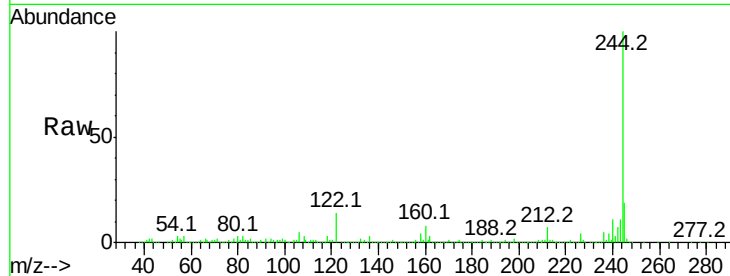
Tot Ion:244 Resp: 1332192

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

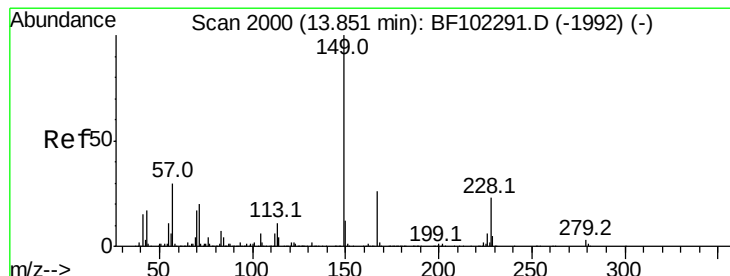
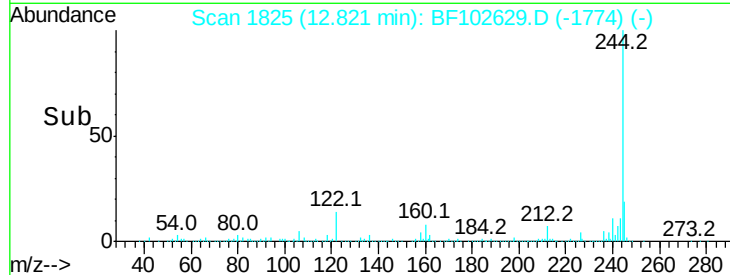
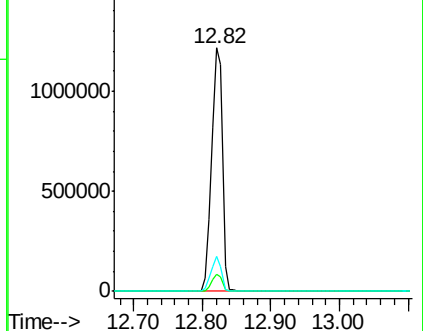
122 14.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 11.187 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

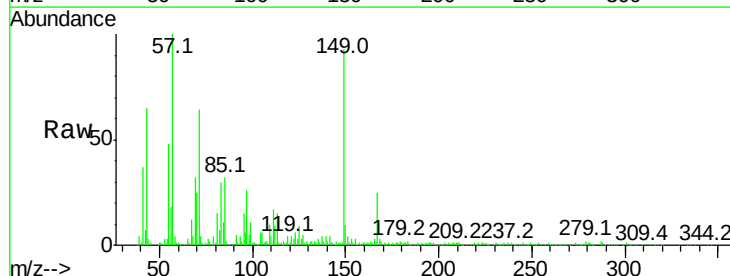
Tgt Ion:149 Resp: 162814

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

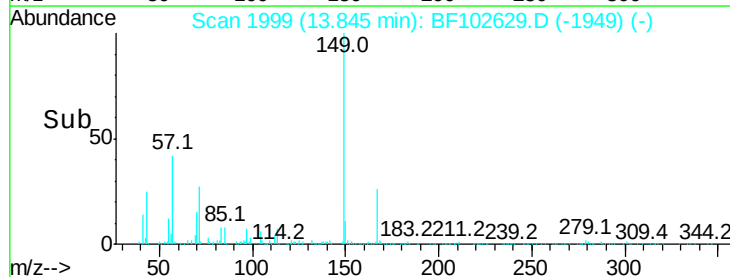
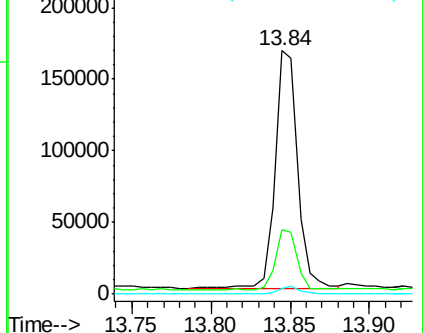
279 2.4 3.0 4.4#

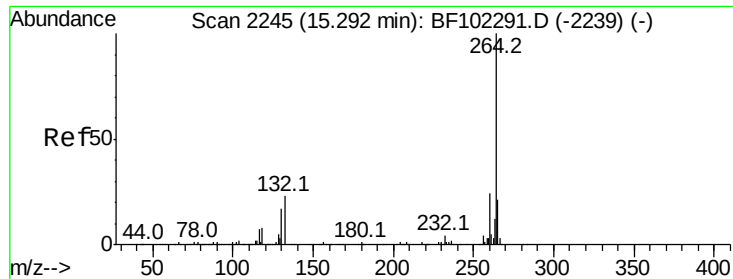


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF102629.D
 Acq: 30 Jan 2018 7:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.9	17.5	26.3

