

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102448.D
 Acq On : 26 Jan 2018 2:25
 Operator : SJ/JU
 Sample : J1299-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 03:11:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

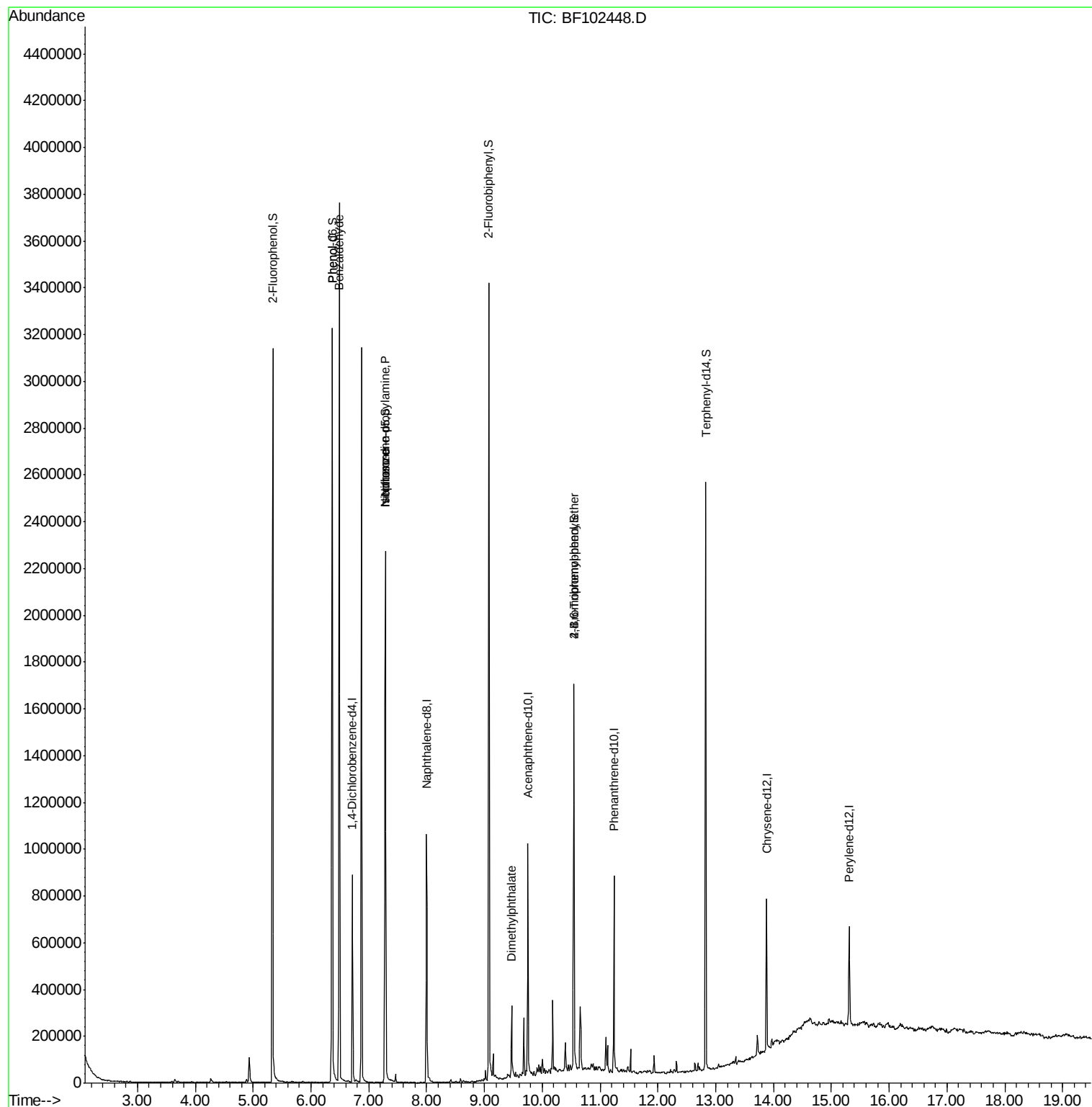
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126385	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	493729	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	196342	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	285940	20.00	ng	0.00
75) Chrysene-d12	13.88	240	245947	20.00	ng	0.00
86) Perylene-d12	15.31	264	198394	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1075862	129.07	ng	0.02
7) Phenol-d6	6.37	99	1274305	126.81	ng	0.00
23) Nitrobenzene-d5	7.29	82	773932	90.08	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	180243	92.65	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1196930	89.63	ng	0.00
78) Terphenyl-d14	12.83	244	894048	81.95	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	22222	3.172	ng	88
10) Phenol	6.37	94	32511	2.963	ng	# 60
19) n-Nitroso-di-n-propylamine	7.29	70	102086	16.600	ng	# 79
25) Isophorone	7.29	82	773928	50.529	ng	# 64
49) Dimethylphthalate	9.47	163	96119	5.923	ng	98
66) 4-Bromophenyl-phenylether	10.55	248	12881	4.185	ng	# 1

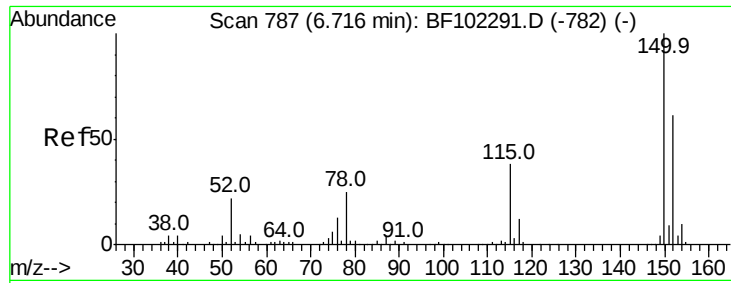
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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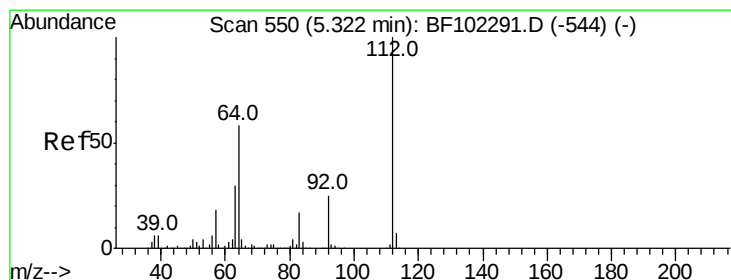
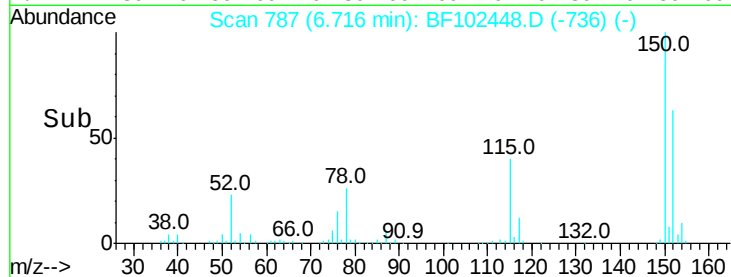
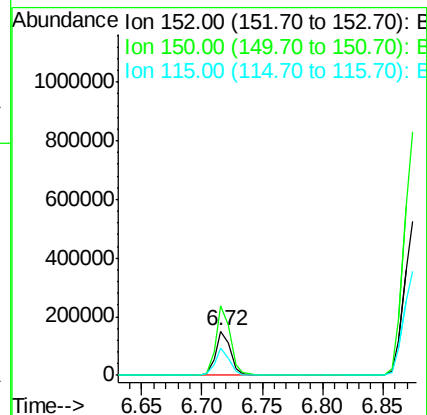
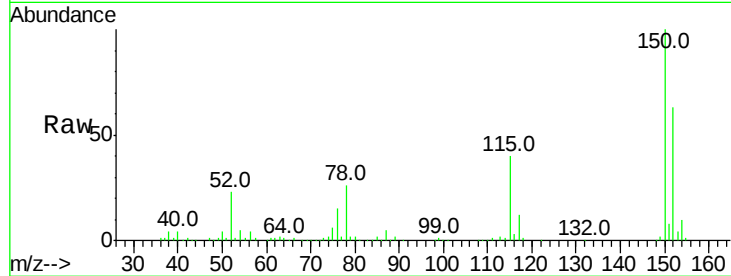


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102448.D
Acq: 26 Jan 2018 2:25

Instrument :
BNA_F
ClientSampleId :

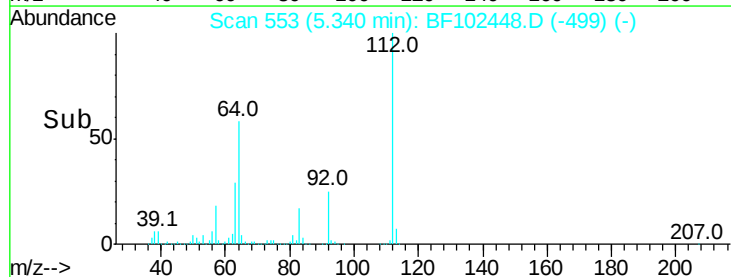
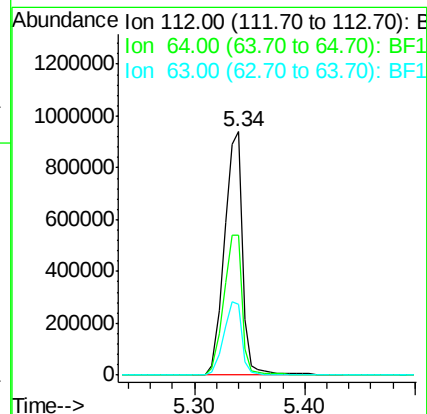
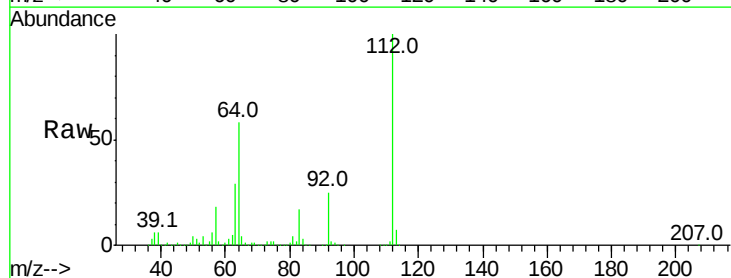
Tot Ion:152 Resp: 126385
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 62.5 50.1 75.1

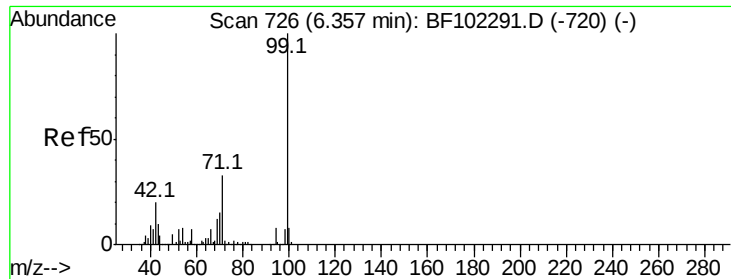


#5

2-Fluorophenol
Concen: 129.073 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102448.D
Acq: 26 Jan 2018 2:25

Tgt Ion:112 Resp: 1075862
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 126.810 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF102448.D

Acq: 26 Jan 2018 2:25

Instrument :

BNA_F

ClientSampled :

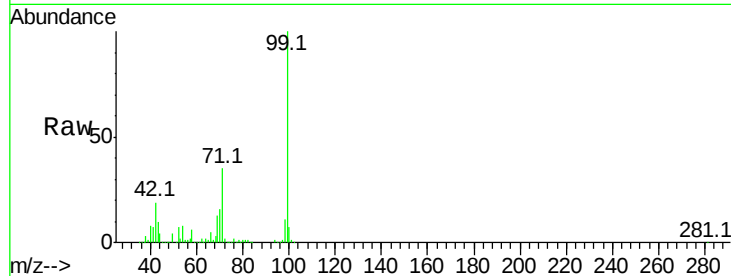
Tot Ion: 99 Resp: 1274305

Ion Ratio Lower Upper

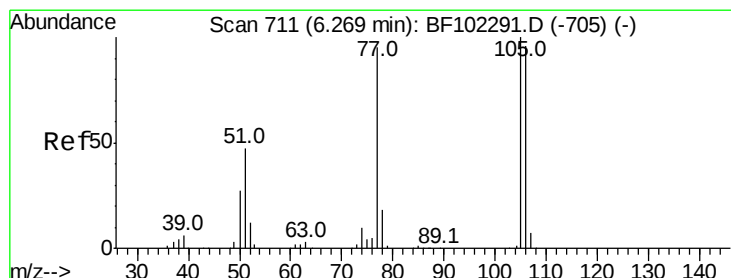
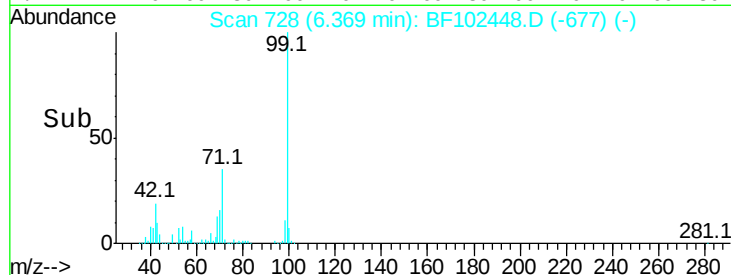
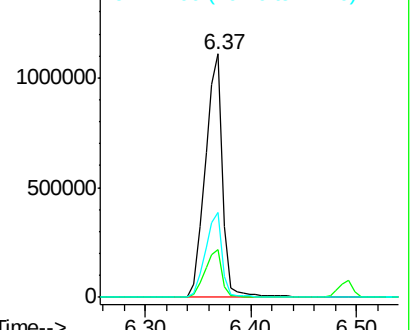
99 100

42 19.5 14.5 21.7

71 34.7 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: 3.172 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102448.D

Acq: 26 Jan 2018 2:25

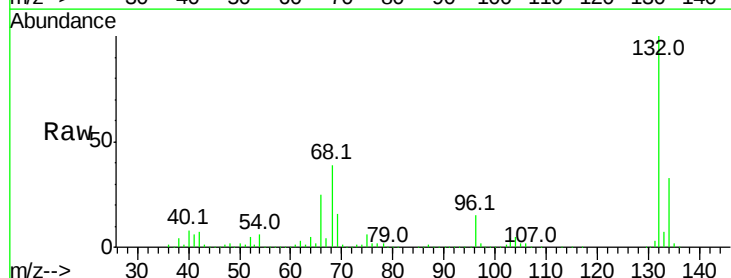
Tgt Ion: 77 Resp: 22222

Ion Ratio Lower Upper

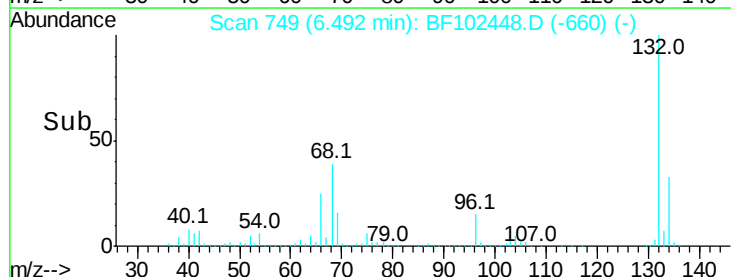
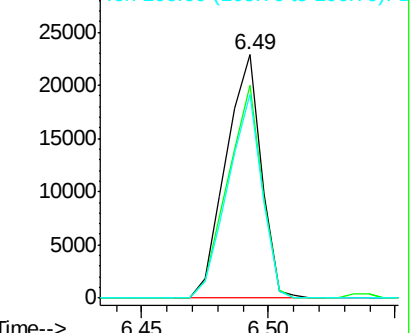
77 100

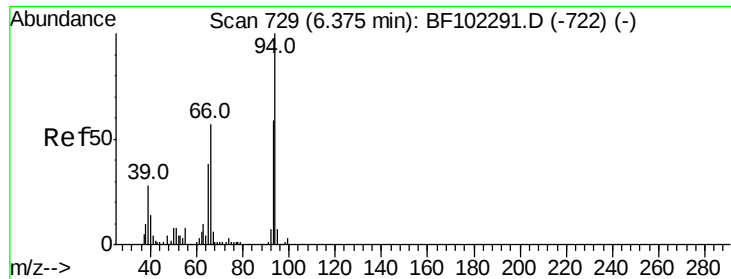
105 87.4 81.1 121.1

106 83.9 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: 2.963 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102448.D

Acq: 26 Jan 2018 2:25

Instrument :

BNA_F

ClientSampled :

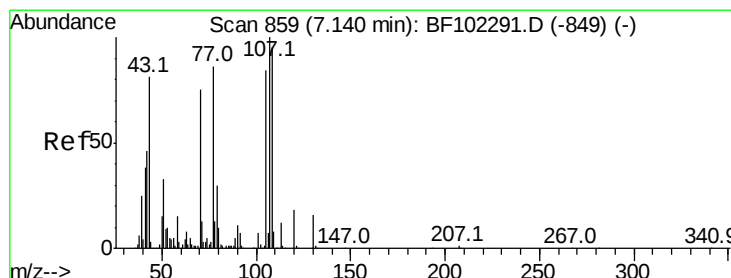
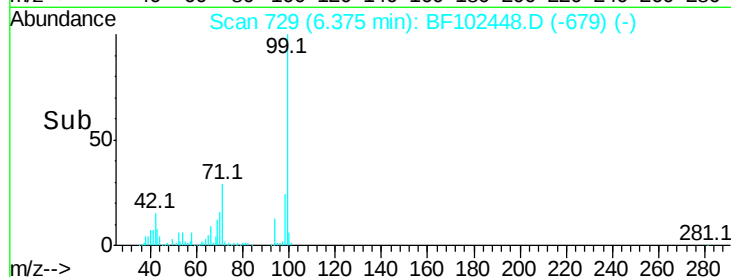
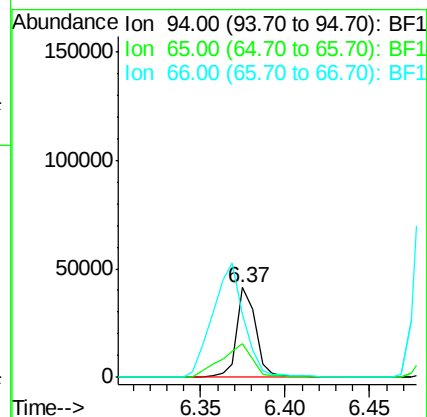
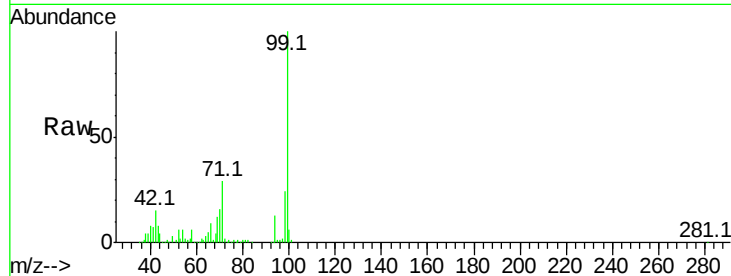
Tot Ion: 94 Resp: 32511

Ion Ratio Lower Upper

94 100

65 37.0 7.9 47.9

66 70.5 16.2 56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 16.600 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102448.D

Acq: 26 Jan 2018 2:25

Tgt Ion: 70 Resp: 102086

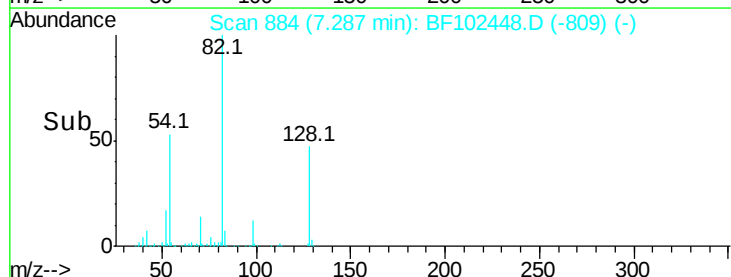
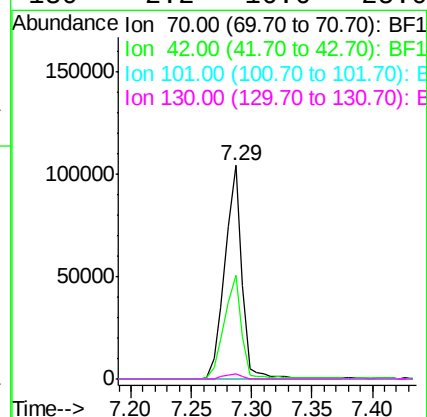
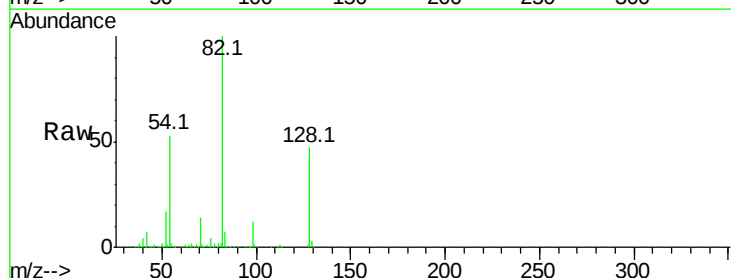
Ion Ratio Lower Upper

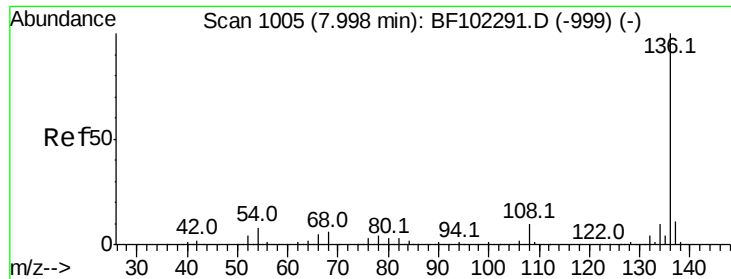
70 100

42 48.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

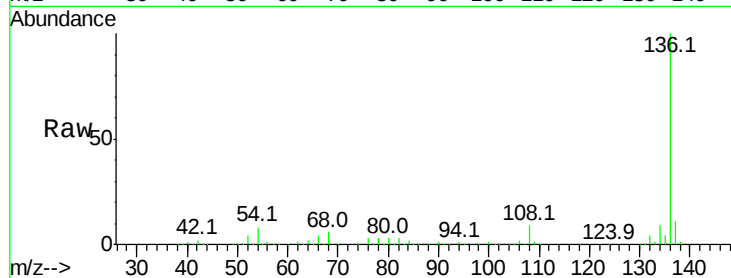




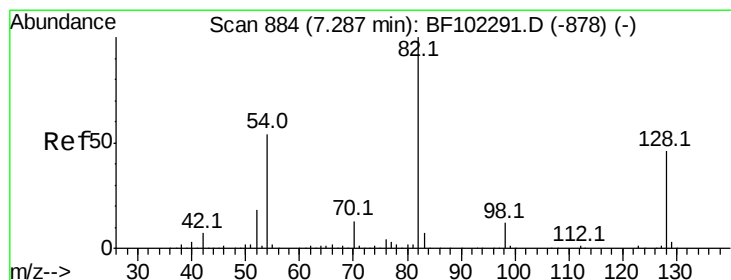
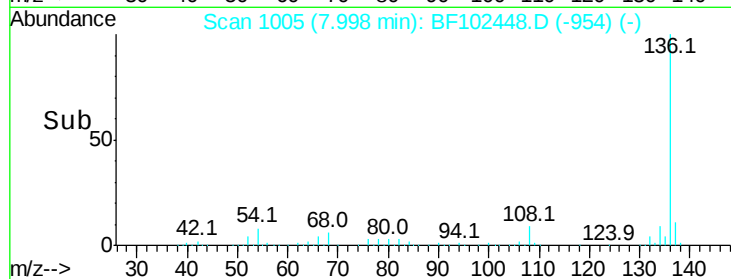
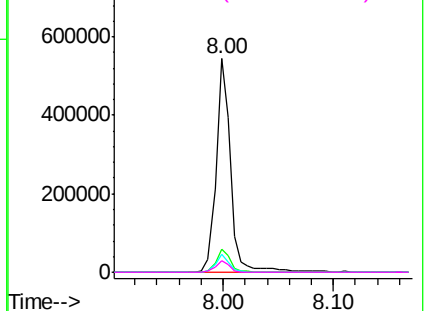
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102448.D
Acq: 26 Jan 2018 2:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	493729
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.2	6.6	9.8
68	5.7	5.0	7.4

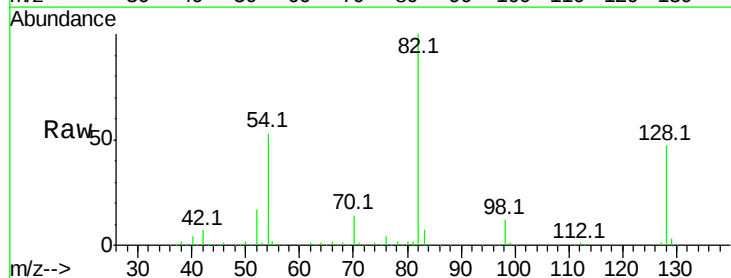


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

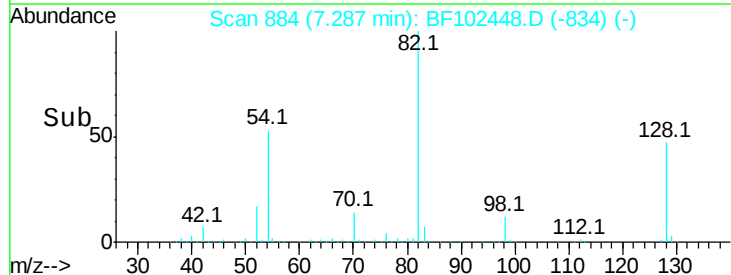
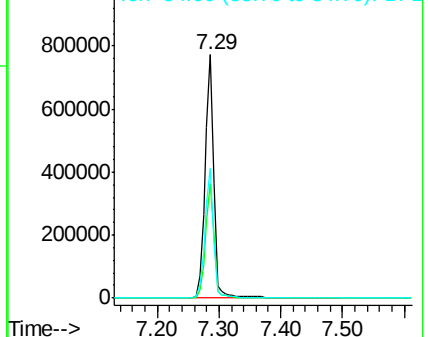


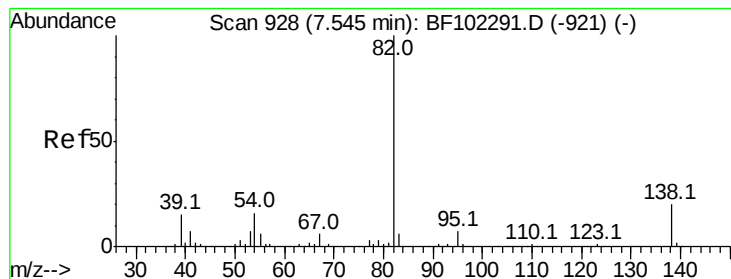
#23
Nitrobenzene-d5
Concen: 90.081 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102448.D
Acq: 26 Jan 2018 2:25

Tgt Ion:	82	Resp:	773932
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	53.2	41.4	62.2



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





#25

Isophorone

Concen: 50.529 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102448.D

Acq: 26 Jan 2018 2:25

Instrument :

BNA_F

ClientSampleId :

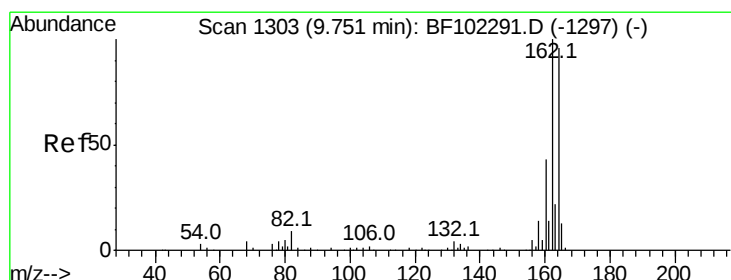
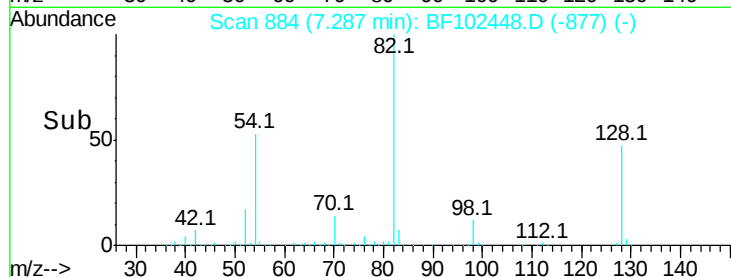
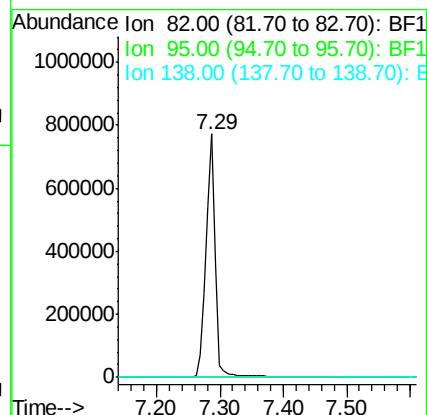
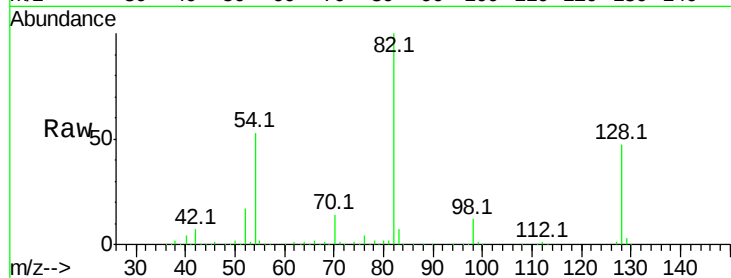
Tot Ion: 82 Resp: 773928

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102448.D

Acq: 26 Jan 2018 2:25

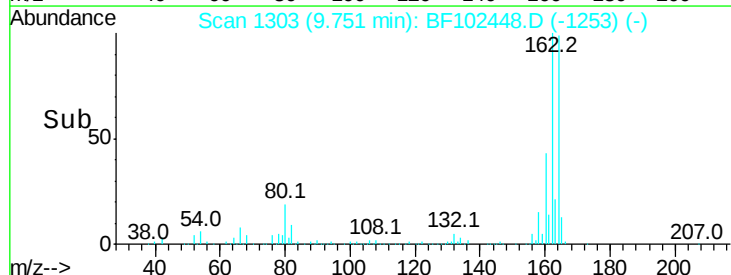
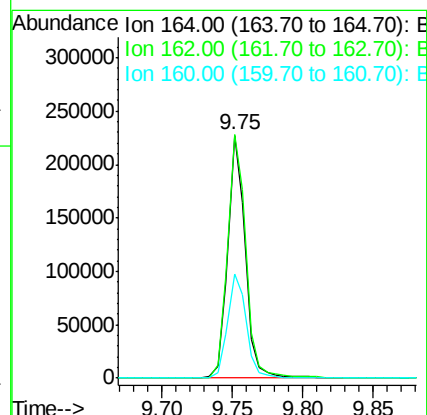
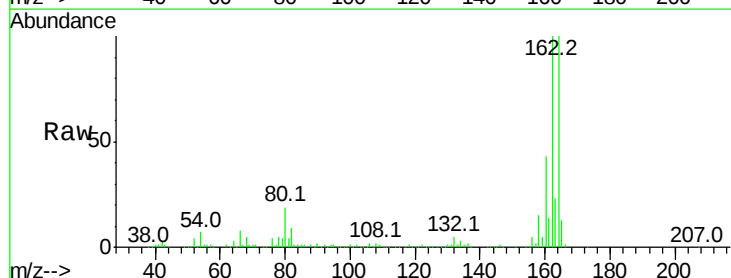
Tgt Ion:164 Resp: 196342

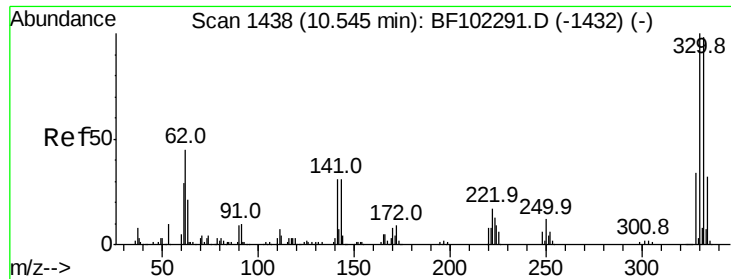
Ion Ratio Lower Upper

164 100

162 100.4 86.1 129.1

160 43.2 38.3 57.5

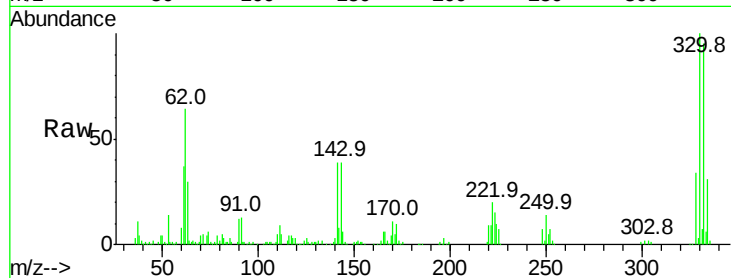




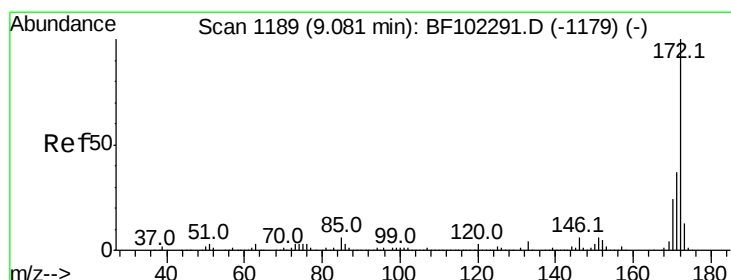
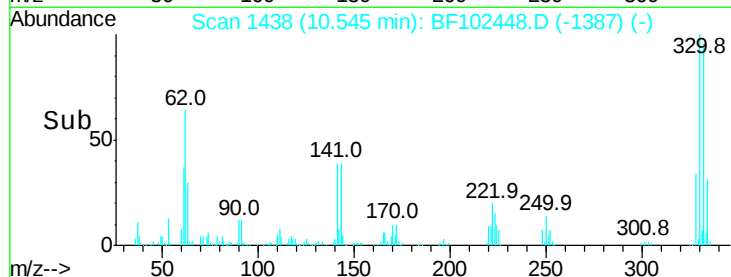
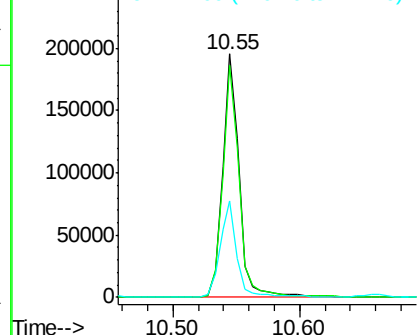
#41
 2,4,6-Tribromophenol
 Concen: 92.648 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102448.D
 Acq: 26 Jan 2018 2:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	39.8	29.9	44.9

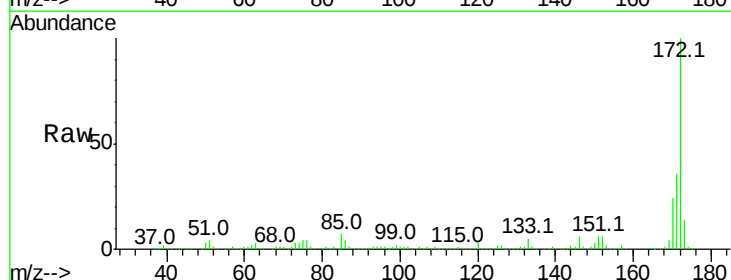


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

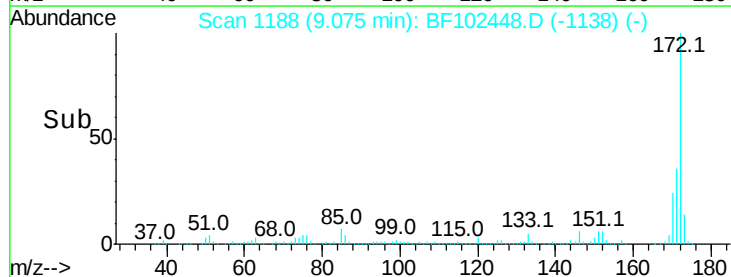
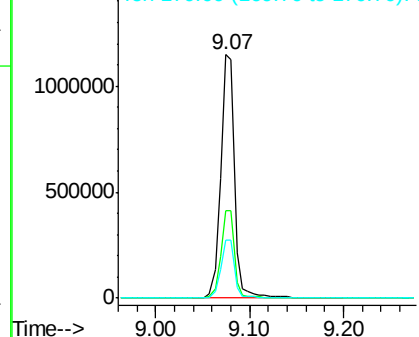


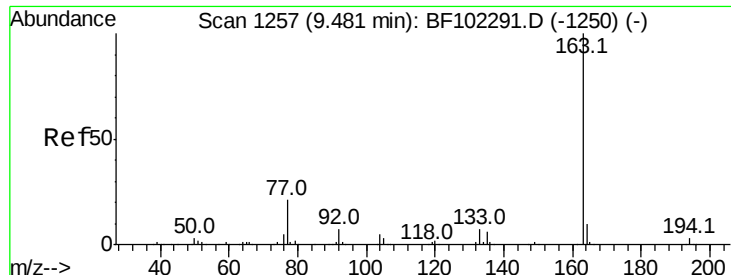
#44
 2-Fluorobiphenyl
 Concen: 89.635 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102448.D
 Acq: 26 Jan 2018 2:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	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

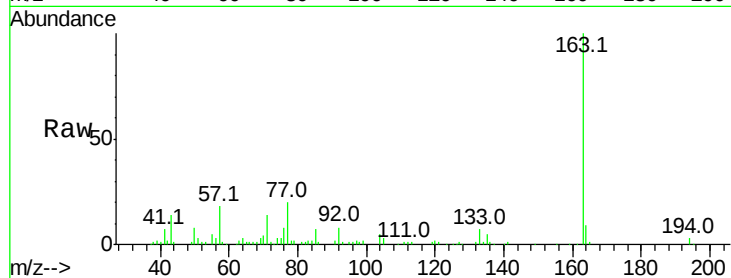




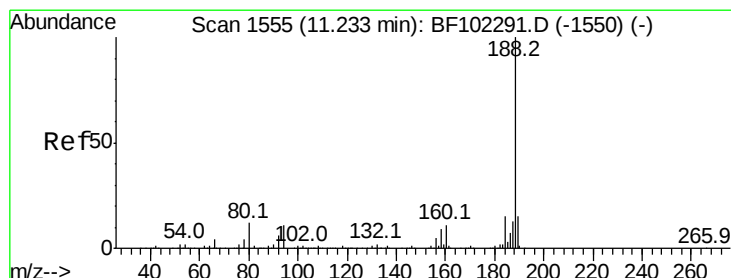
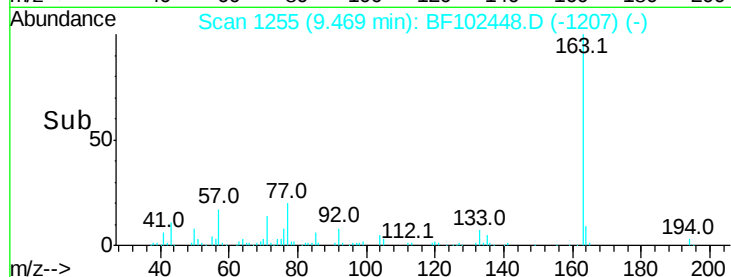
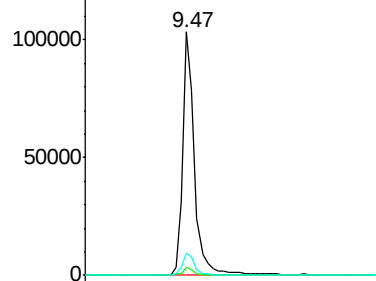
#49
Dimethylphthalate
Concen: 5.923 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102448.D
Acq: 26 Jan 2018 2:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 96119
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.3 8.2 12.2

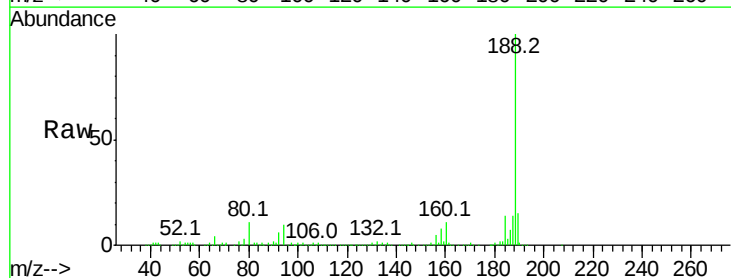


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

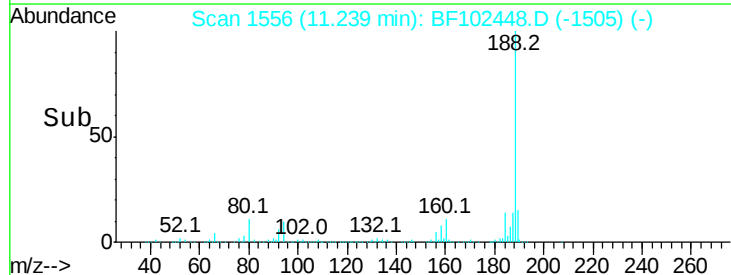
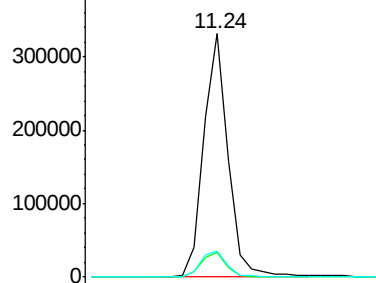


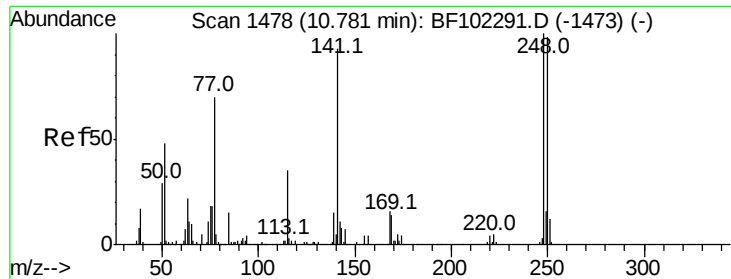
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102448.D
Acq: 26 Jan 2018 2:25

Tgt Ion:188 Resp: 285940
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.7 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

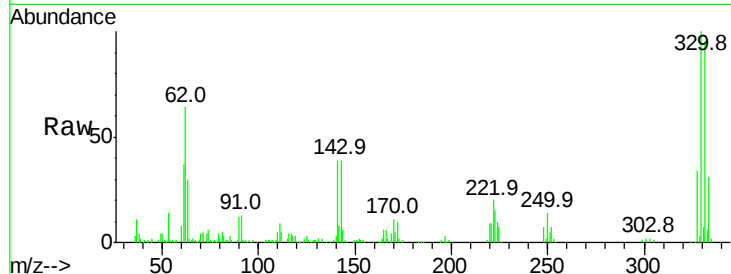




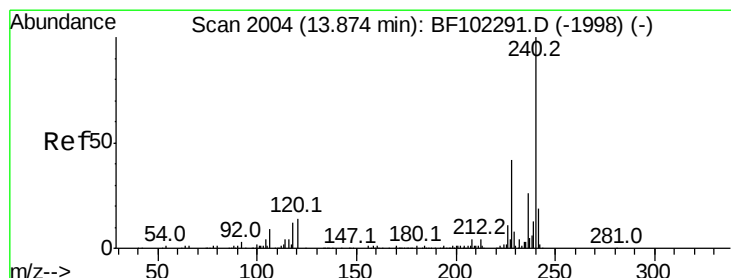
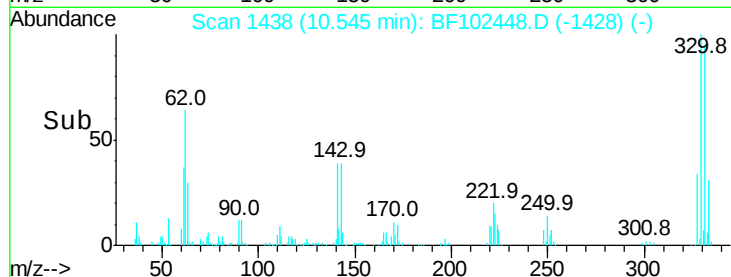
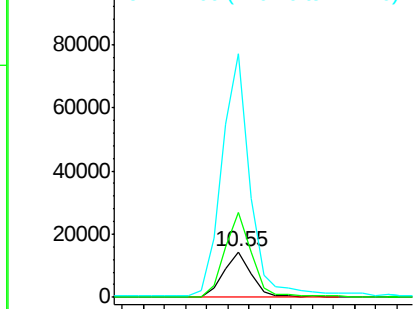
#66
 4-Bromophenyl-phenylether
 Concen: 4.185 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF102448.D
 Acq: 26 Jan 2018 2:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12881
 Ion Ratio Lower Upper
 248 100
 250 188.3 76.9 115.3#
 141 537.8 74.4 111.6#

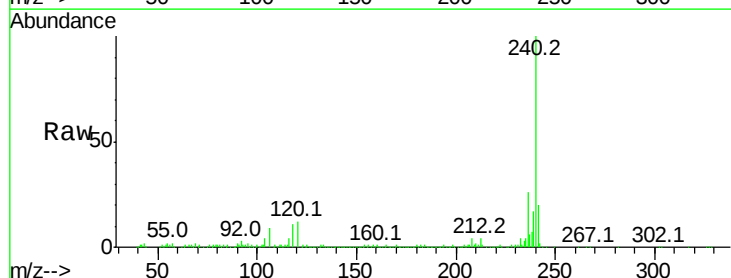


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

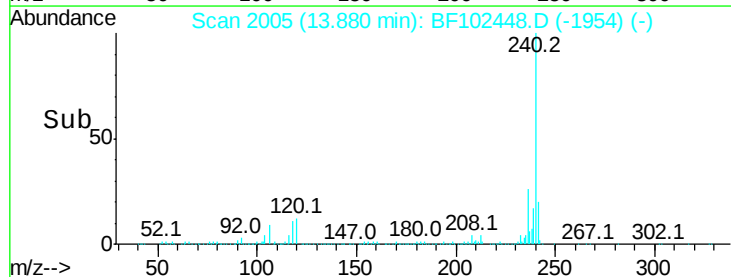
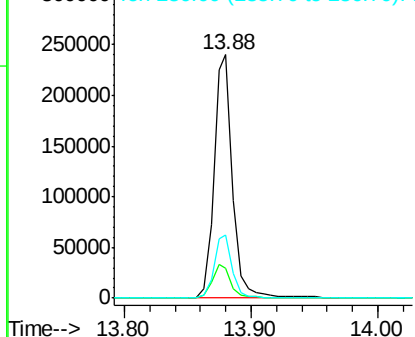


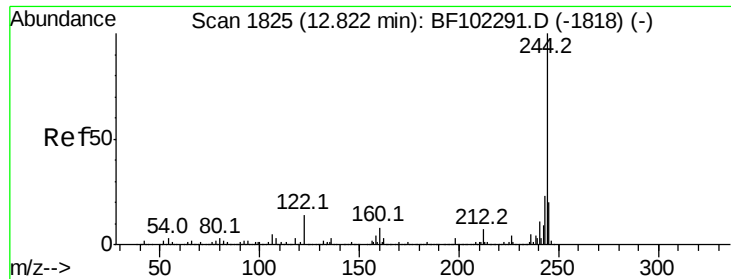
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF102448.D
 Acq: 26 Jan 2018 2:25

Tgt Ion:240 Resp: 245947
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 25.8 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

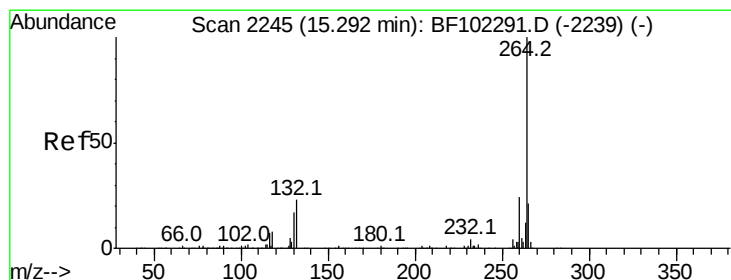
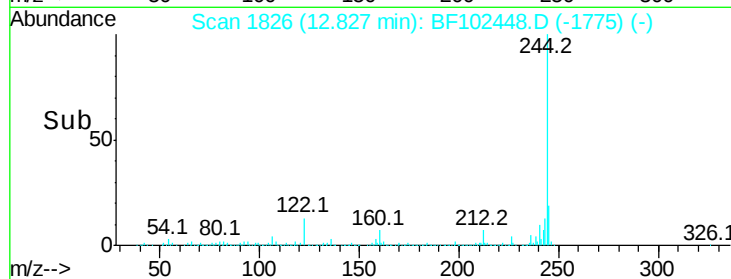
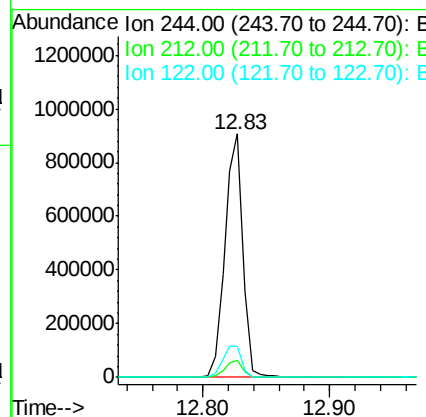
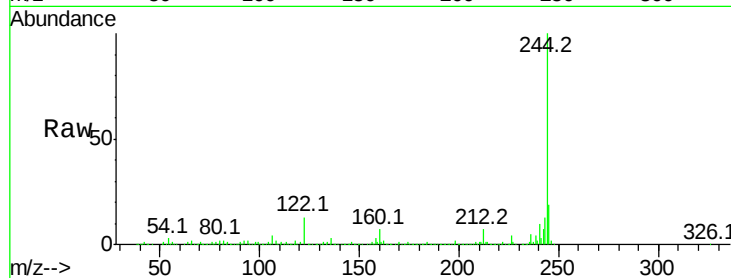




#78
 Terphenyl-d14
 Concen: 81.949 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF102448.D
 Acq: 26 Jan 2018 2:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 894048
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BF102448.D
 Acq: 26 Jan 2018 2:25

Tgt Ion:264 Resp: 198394
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 17.5 26.3

