

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102328.D
 Acq On : 23 Jan 2018 6:30
 Operator : SJ/JU
 Sample : J1186-04RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-4RE

Quant Time: Jan 23 08:09:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

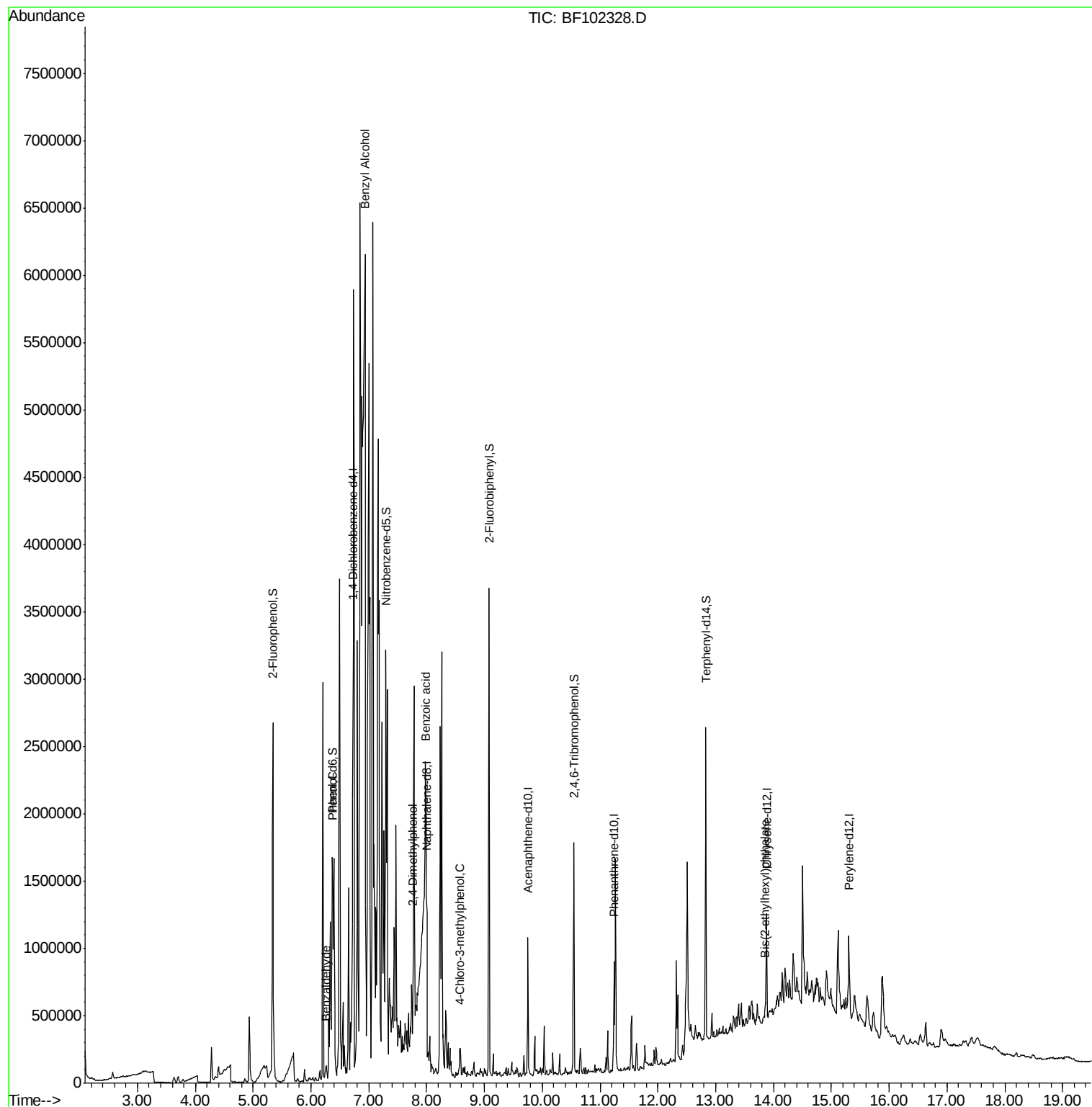
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	119267	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	481348	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	192523	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	279959	20.00	ng	0.00
75) Chrysene-d12	13.88	240	256454	20.00	ng	0.00
86) Perylene-d12	15.31	264	190384	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	874120	111.13	ng	0.02
7) Phenol-d6	6.37	99	1043358	110.02	ng	0.01
23) Nitrobenzene-d5	7.29	82	671178	80.13	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	196345	102.93	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1138298	86.94	ng	0.00
78) Terphenyl-d14	12.83	244	751278	66.04	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.27	77	18809	2.857	ng	91
10) Phenol	6.38	94	240772	23.257	ng	91
15) Benzyl Alcohol	6.93	79	3835044	573.172	ng	97
27) 2,4-Dimethylphenol	7.76	122	41005	6.259	ng	# 17
32) Benzoic acid	7.99	122	2018895	367.844	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	19560	2.781	ng	# 20
83) Bis(2-ethylhexyl)phthalate	13.86	149	33619	2.535	ng	# 96

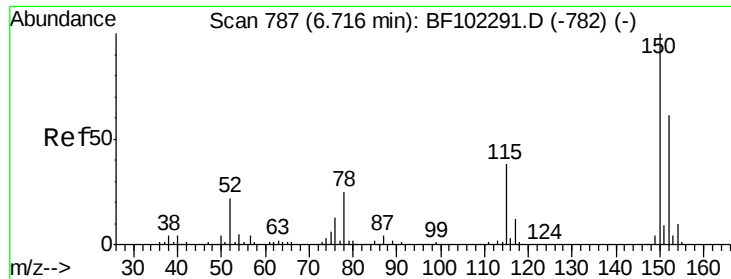
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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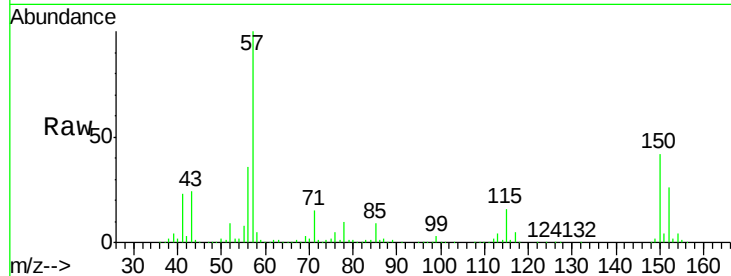


#1

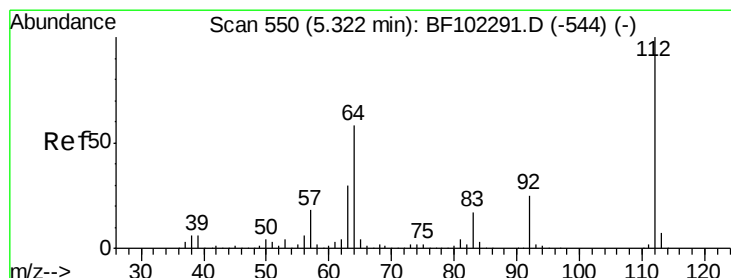
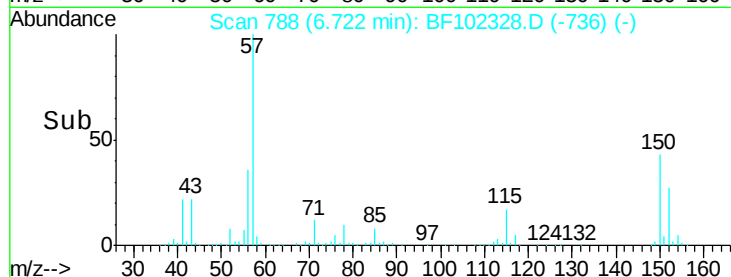
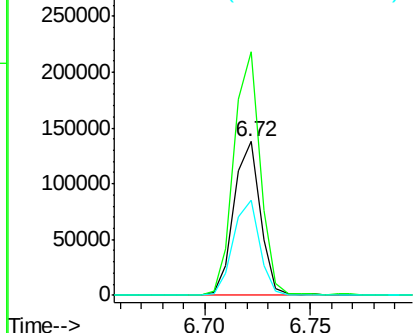
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102328.D
Acq: 23 Jan 2018 6:30

Instrument :
BNA_F
ClientSampleId :
OWS-4RE

Tot Ion:152 Resp: 119267
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 61.7 50.1 75.1



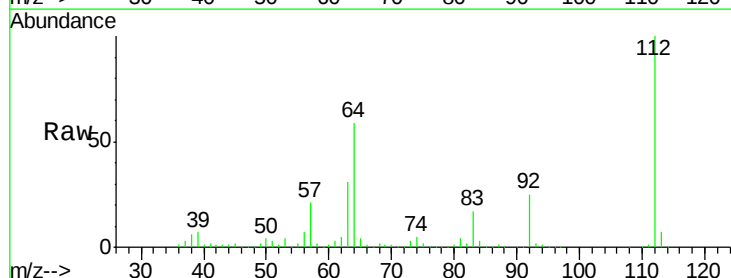
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



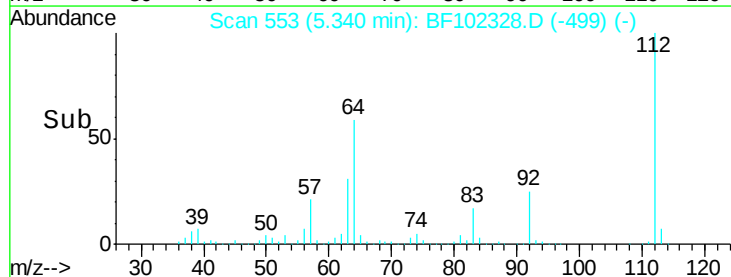
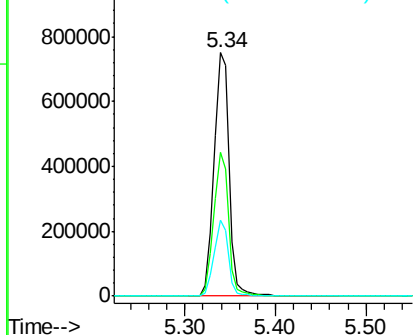
#5

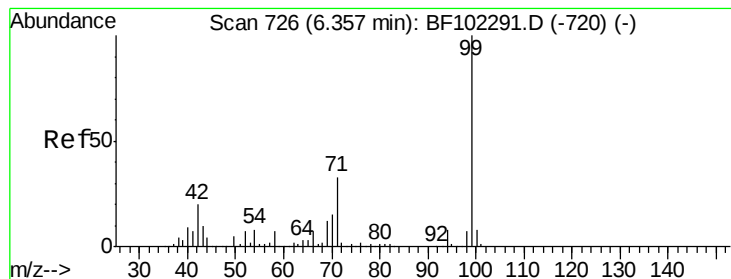
2-Fluorophenol
Concen: 111.128 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102328.D
Acq: 23 Jan 2018 6:30

Tgt Ion:112 Resp: 874120
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.9 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





#7

Phenol-d6

Concen: 110.024 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

Instrument :

BNA_F

ClientSampleId :

OWS-4RE

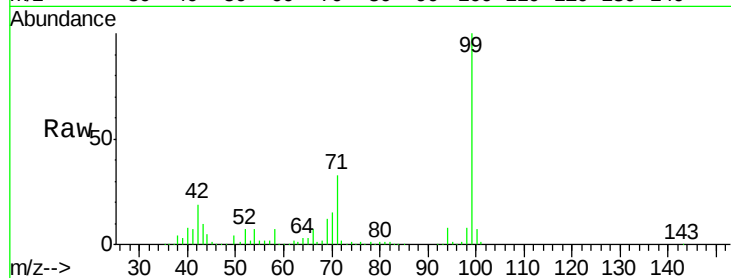
Tot Ion: 99 Resp: 1043358

Ion Ratio Lower Upper

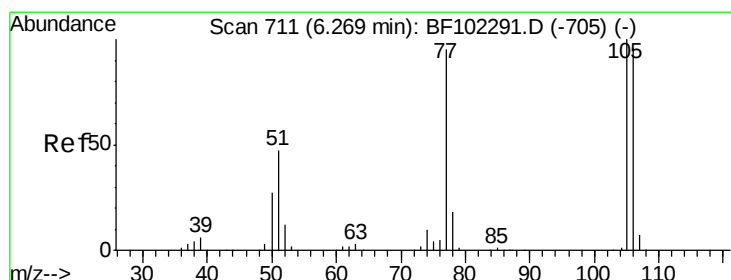
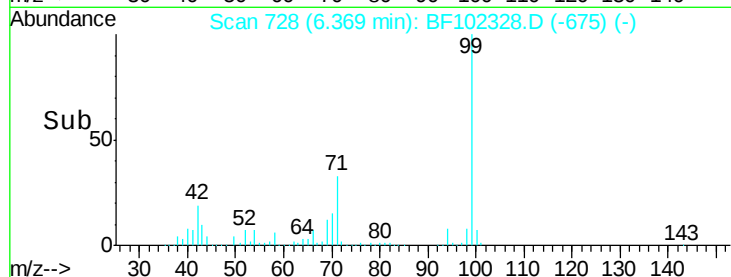
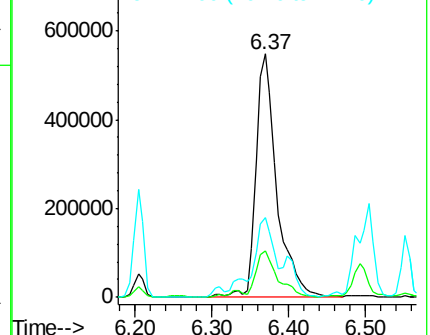
99 100

42 19.3 14.5 21.7

71 33.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.857 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

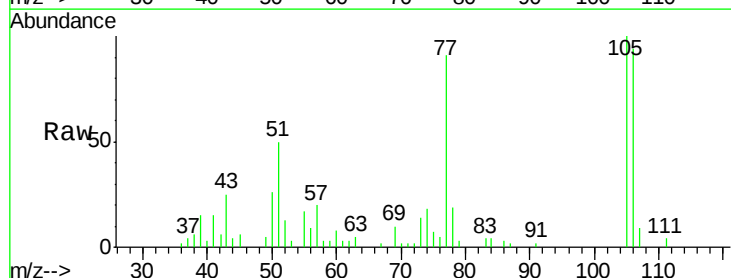
Tgt Ion: 77 Resp: 18809

Ion Ratio Lower Upper

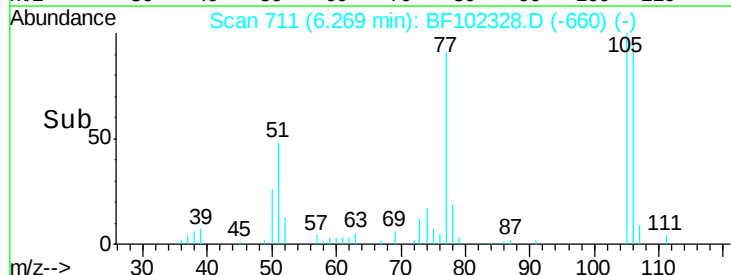
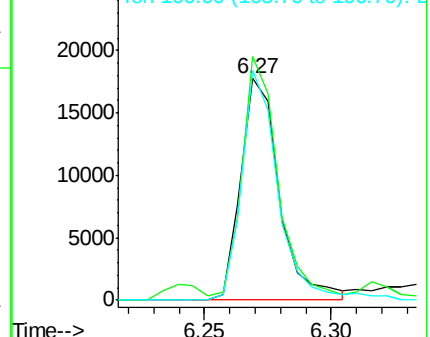
77 100

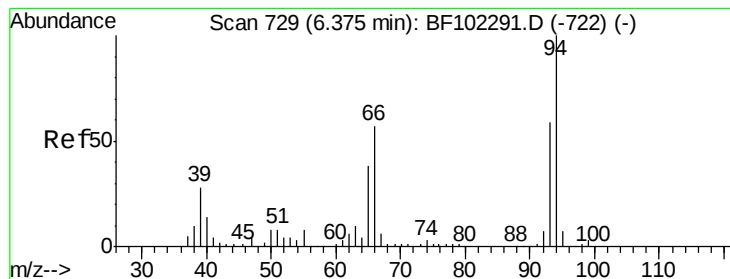
105 109.8 81.1 121.1

106 103.4 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: 23.257 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

Instrument :

BNA_F

ClientSampleId :

OWS-4RE

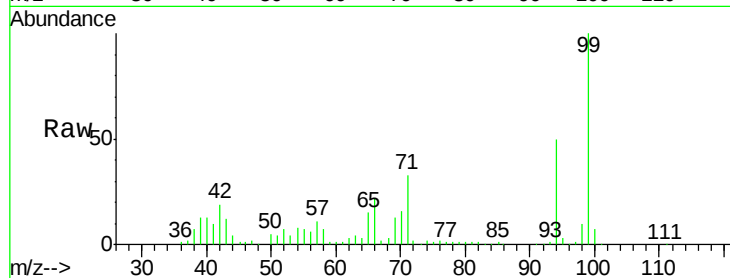
Tot Ion: 94 Resp: 240772

Ion Ratio Lower Upper

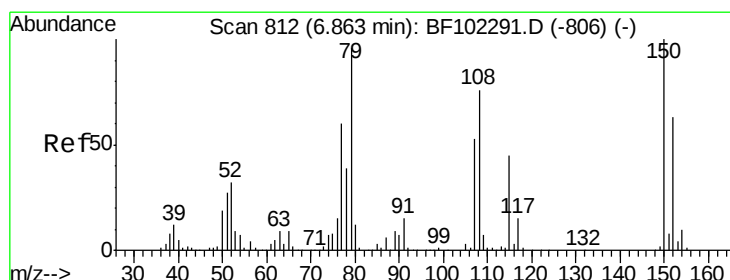
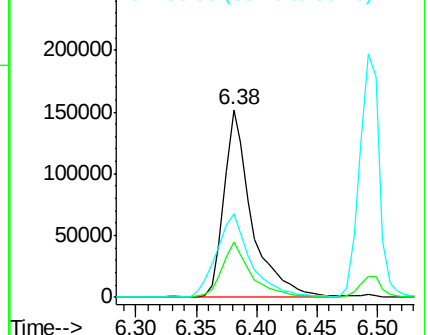
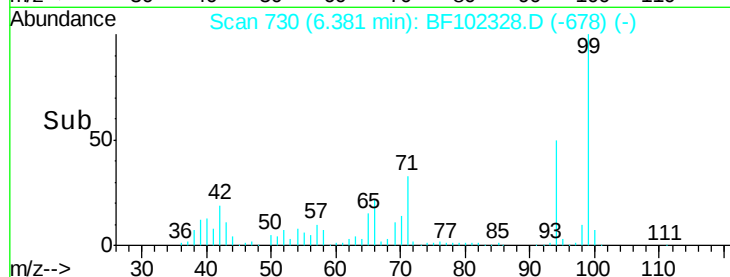
94 100

65 29.6 7.9 47.9

66 44.3 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: 573.172 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.07 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

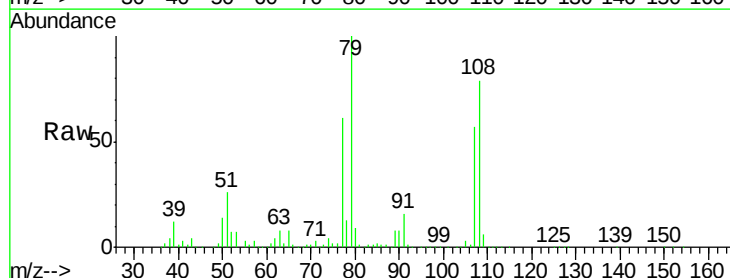
Tgt Ion: 79 Resp: 3835044

Ion Ratio Lower Upper

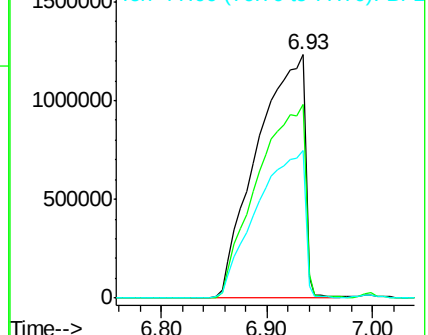
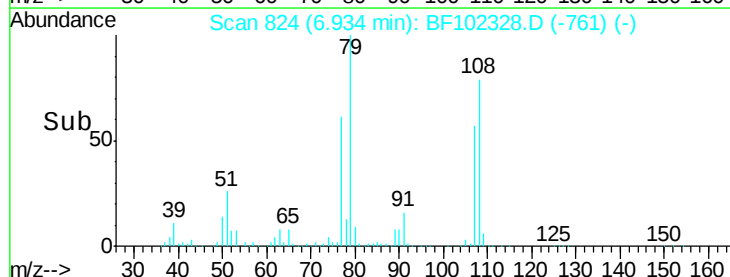
79 100

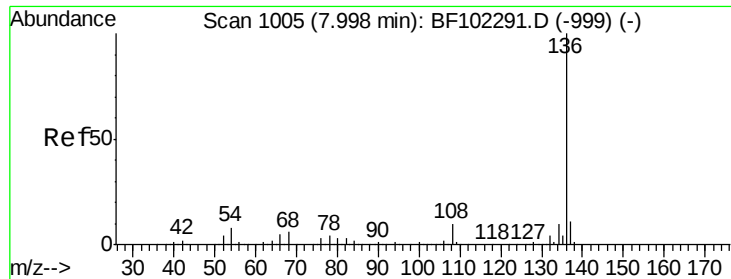
108 79.3 65.1 97.7

77 60.9 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

Instrument :

BNA_F

ClientSampleId :

OWS-4RE

Tot Ion:136 Resp: 481348

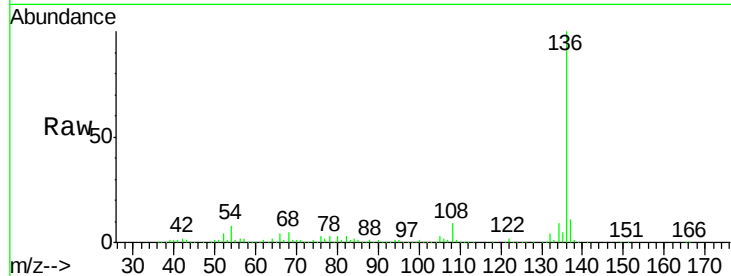
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 5.2 5.0 7.4

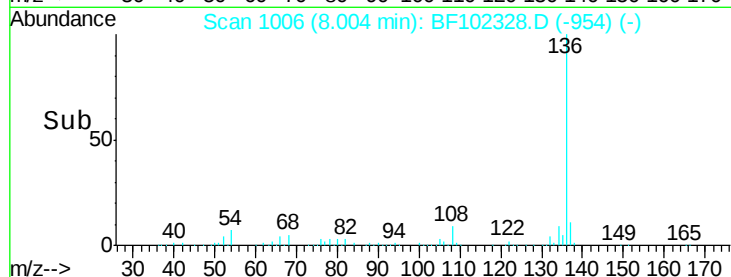


Abundance Ion 136.00 (135.70 to 136.70): E

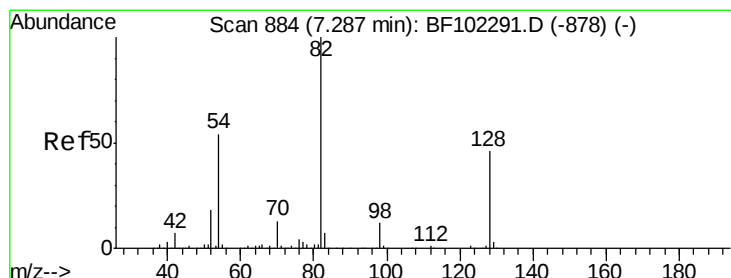
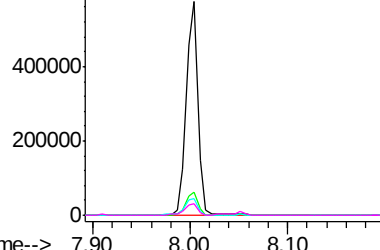
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 80.130 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

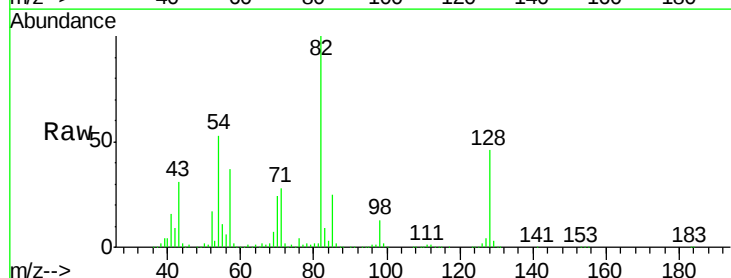
Tgt Ion: 82 Resp: 671178

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

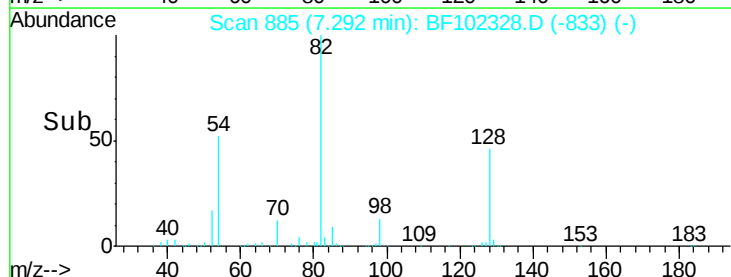
54 52.5 41.4 62.2



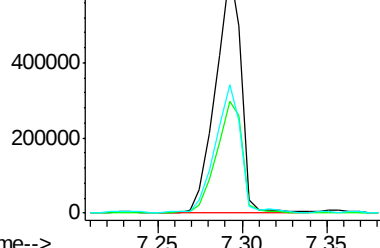
Abundance Ion 82.00 (81.70 to 82.70): BF1

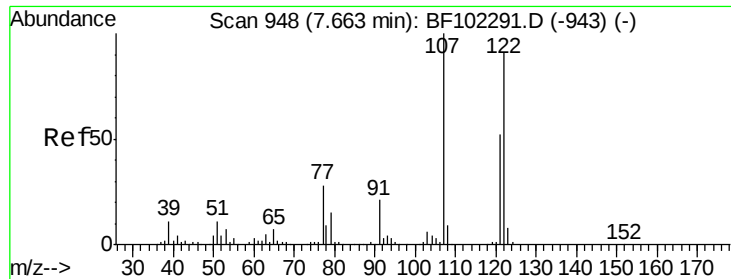
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->

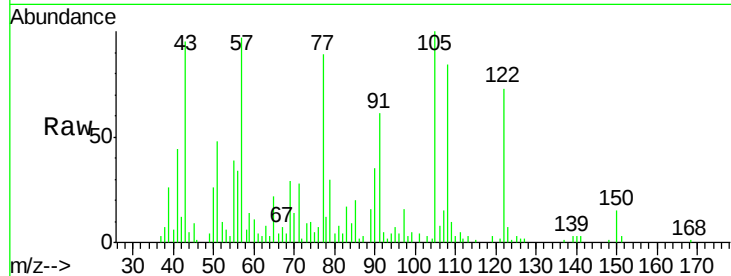




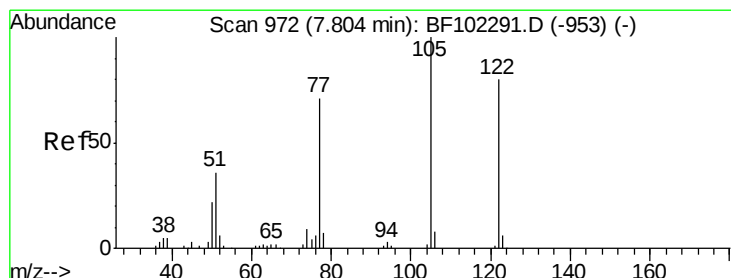
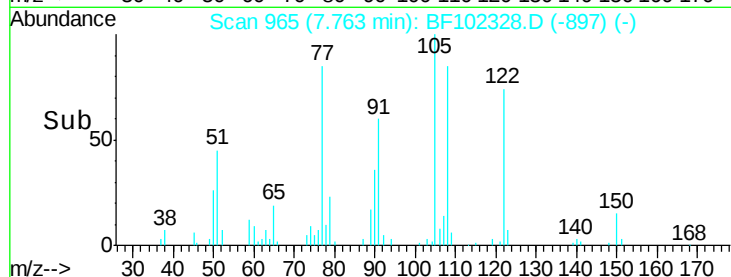
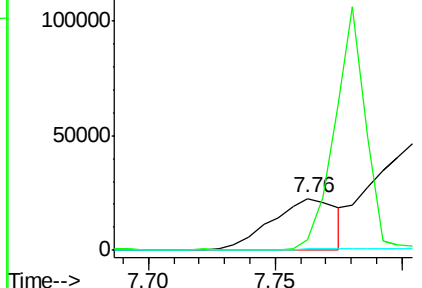
#27
2,4-Dimethylphenol
Concen: 6.259 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.10 min
Lab File: BF102328.D
Acq: 23 Jan 2018 6:30

Instrument :
BNA_F
ClientSampleId :
OWS-4RE

Tot Ion:122 Resp: 41005
Ion Ratio Lower Upper
122 100
107 20.9 91.2 136.8#
121 2.4 47.2 70.8#

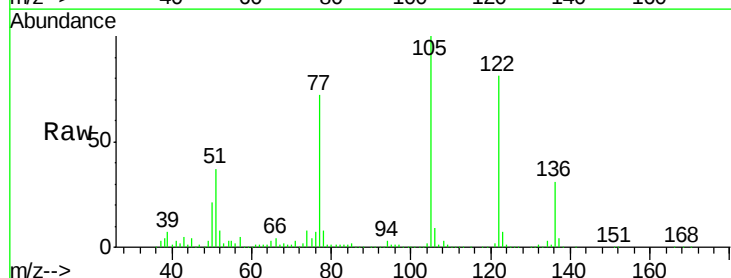


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

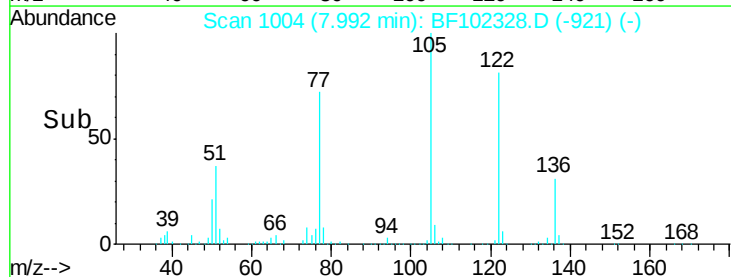
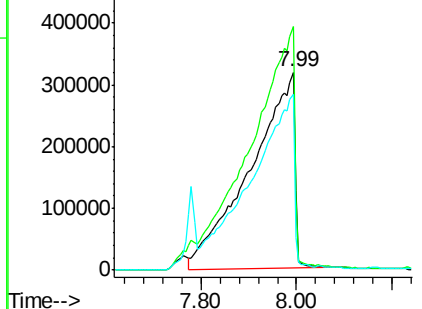


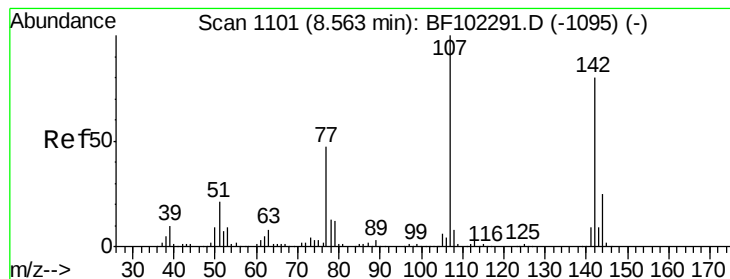
#32
Benzoic acid
Concen: 367.844 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.19 min
Lab File: BF102328.D
Acq: 23 Jan 2018 6:30

Tgt Ion:122 Resp: 2018895
Ion Ratio Lower Upper
122 100
105 123.2 101.1 141.1
77 89.2 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





#36

4-Chloro-3-methylphenol

Concen: 2.781 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

Instrument :

BNA_F

ClientSampleId :

OWS-4RE

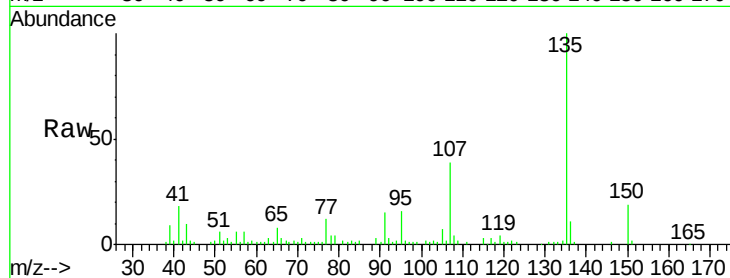
Tot Ion:107 Resp: 19560

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

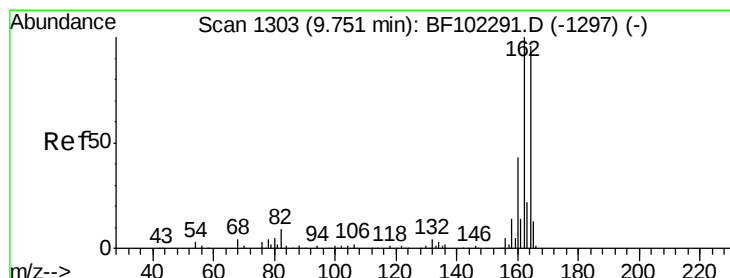
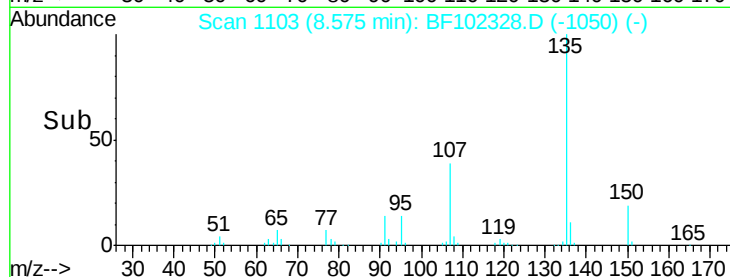
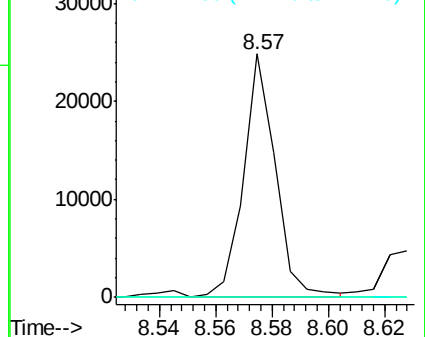
142 0.0 62.0 93.0#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

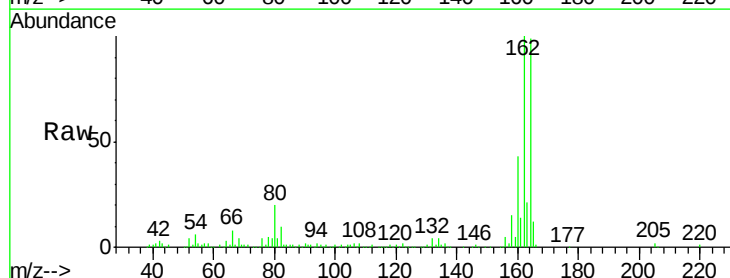
Tgt Ion:164 Resp: 192523

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

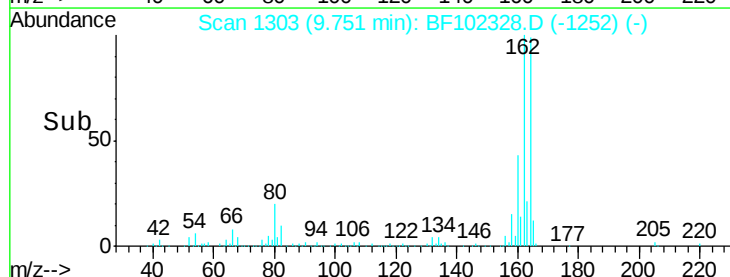
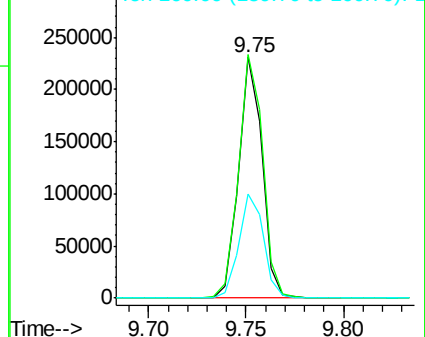
160 43.5 38.3 57.5

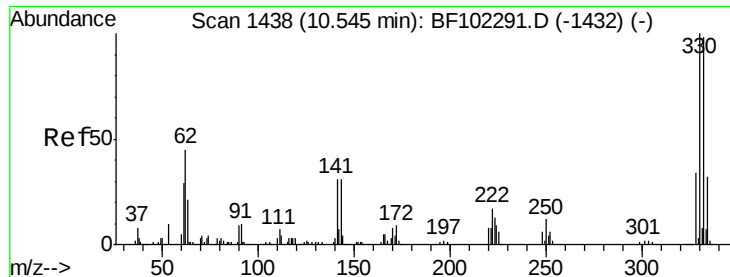


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

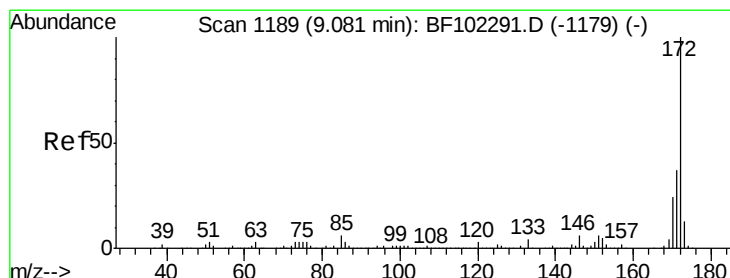
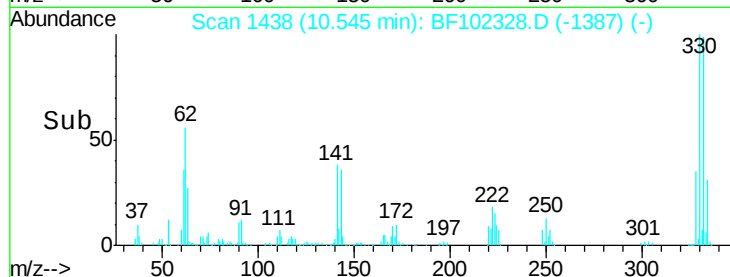
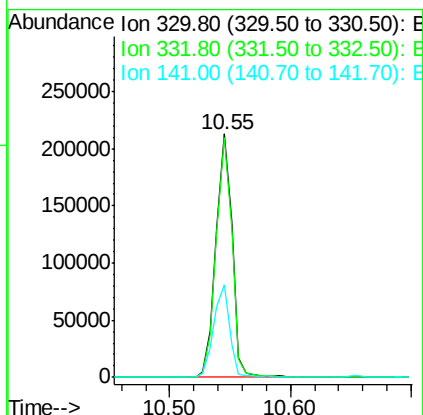
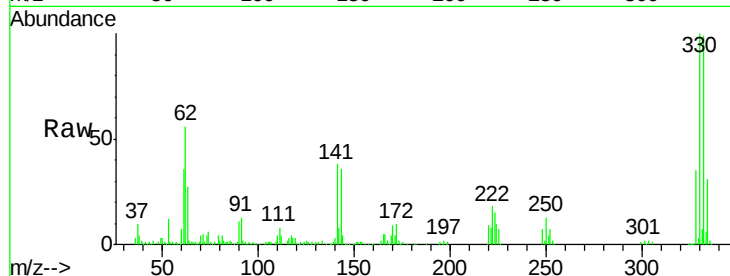




#41
 2,4,6-Tribromophenol
 Concen: 102.926 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

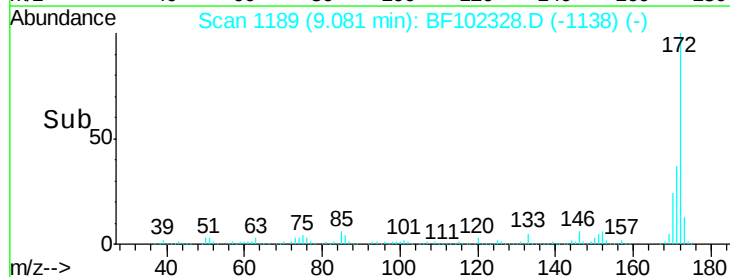
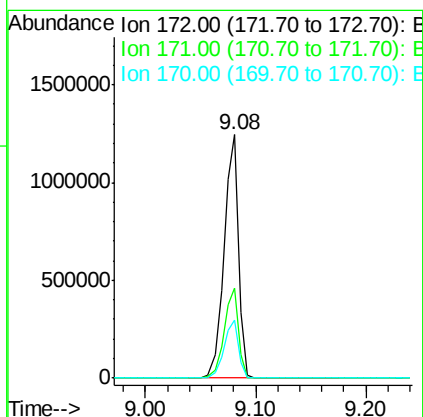
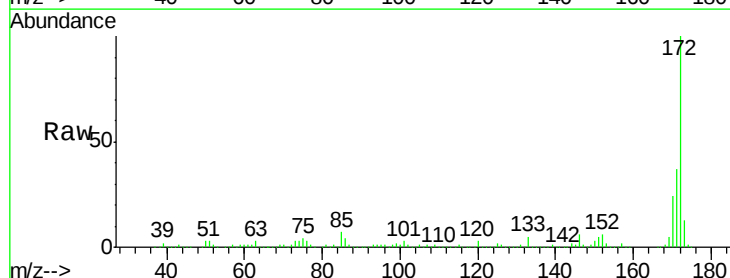
Instrument :
 BNA_F
 ClientSampleId :
 OWS-4RE

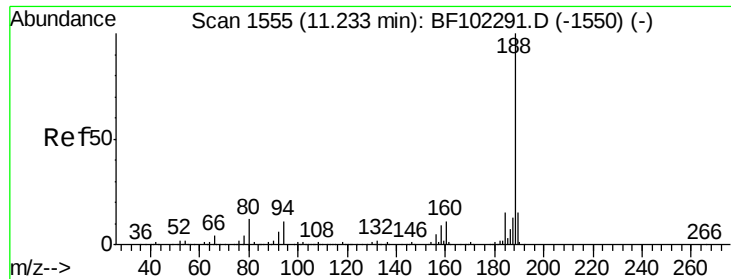
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	38.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 86.935 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	23.7	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

Instrument :

BNA_F

ClientSampleId :

OWS-4RE

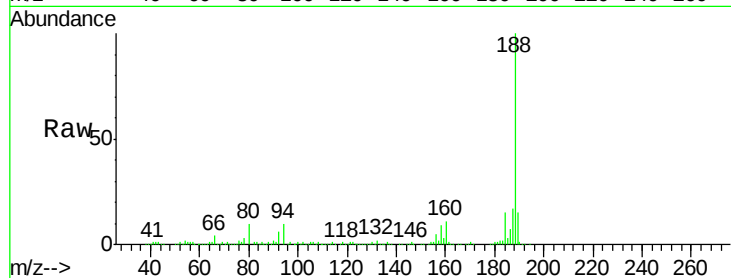
Tot Ion:188 Resp: 279959

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

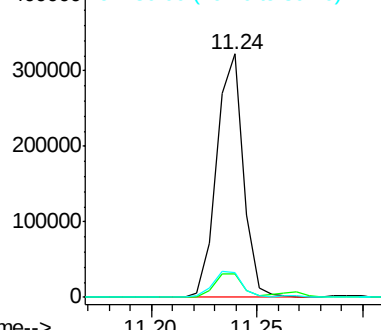
80 9.9 9.2 13.8



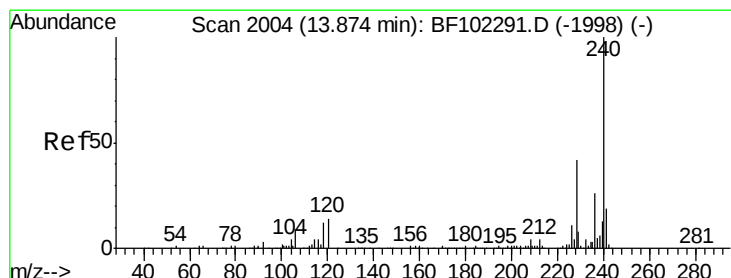
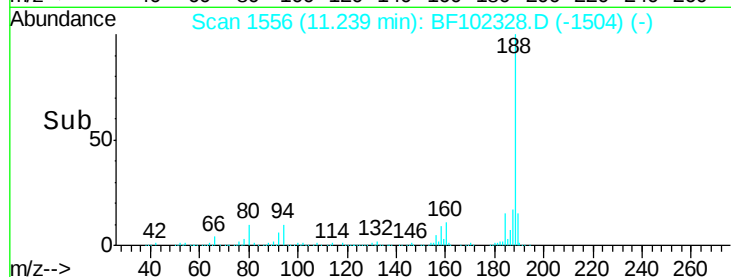
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

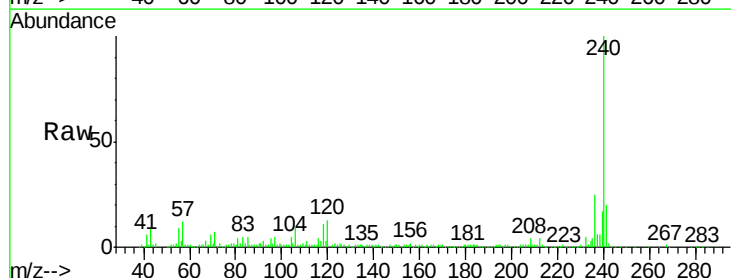
Tgt Ion:240 Resp: 256454

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

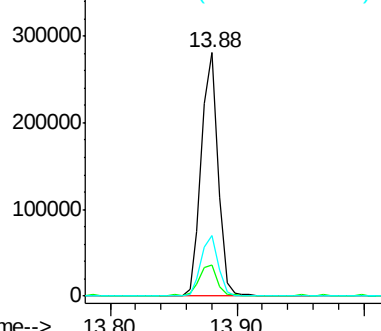
236 25.0 20.7 31.1



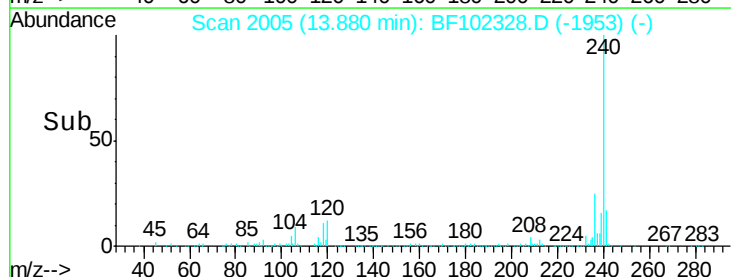
Abundance Ion 240.00 (239.70 to 240.70): E

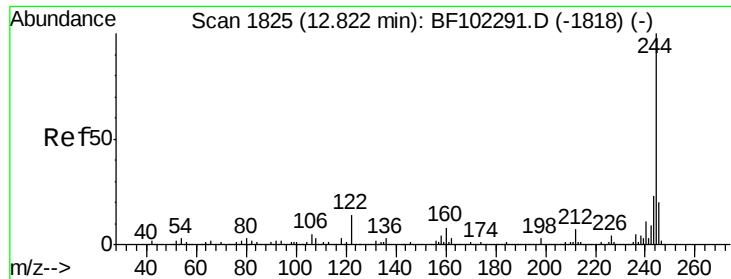
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

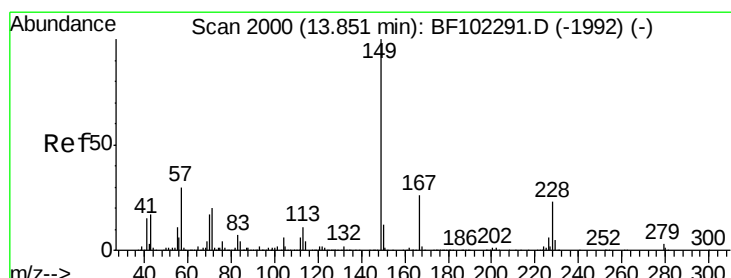
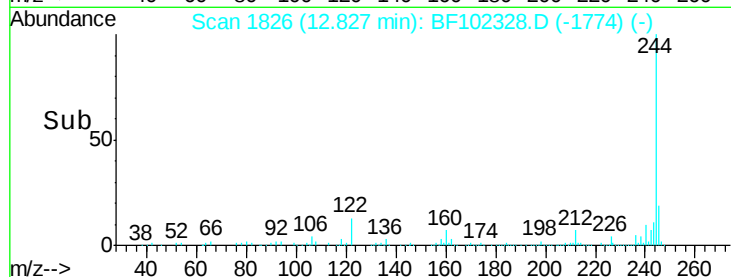
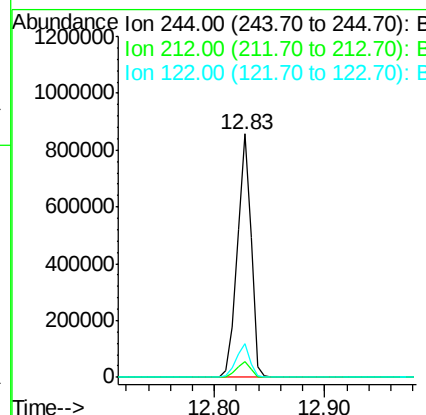
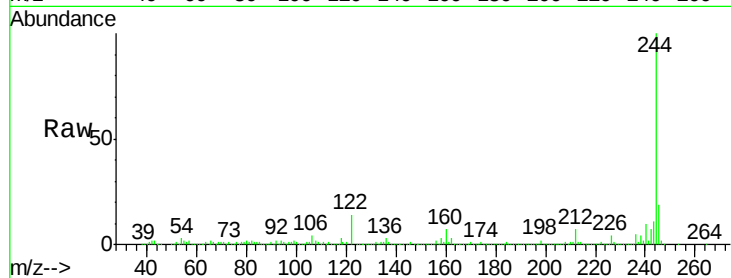




#78
 Terphenyl-d14
 Concen: 66.041 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

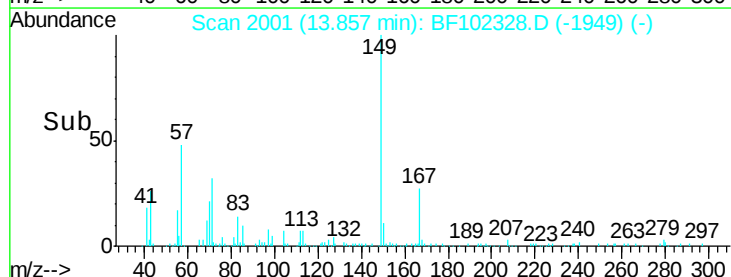
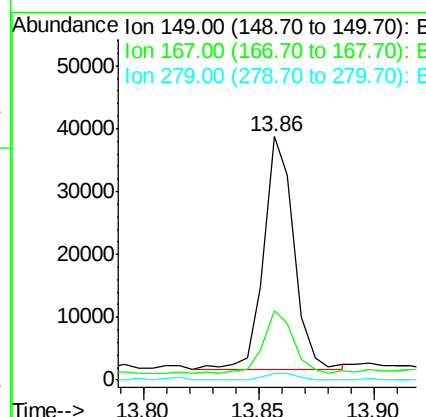
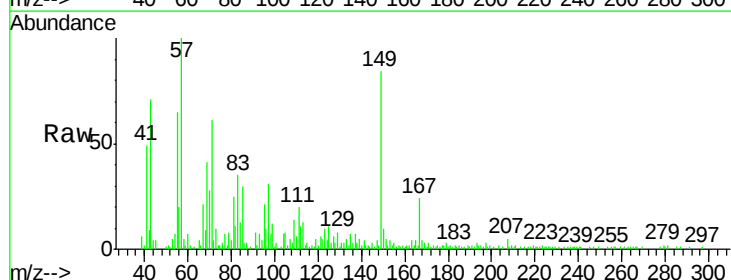
Instrument :
 BNA_F
 ClientSampleId :
 OWS-4RE

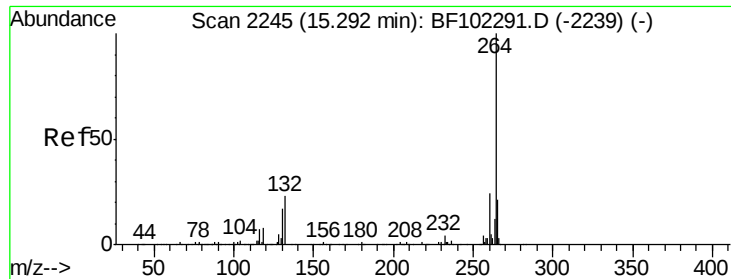
Tot Ion:244 Resp: 751278
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.8 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.535 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

Tgt Ion:149 Resp: 33619
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.3 31.9
 279 2.8 3.0 4.4#

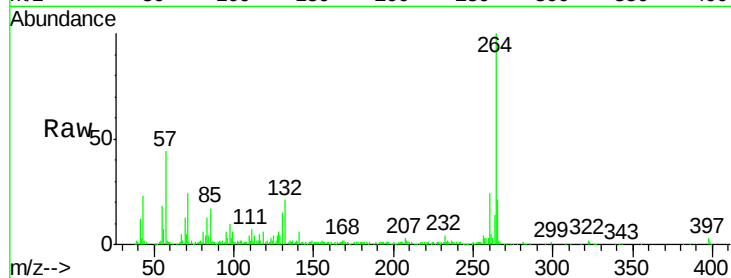




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.02 min
Lab File: BF102328.D
Acq: 23 Jan 2018 6:30

Instrument :
BNA_F
ClientSampleId :
OWS-4RE

Tot Ion:	264	Resp:	190384
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	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

