

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102327.D
 Acq On : 23 Jan 2018 6:03
 Operator : SJ/JU
 Sample : J1210-03DLRE 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 07:48:13 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	141625	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	572489	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	225678	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	324923	20.00	ng	0.00
75) Chrysene-d12	13.88	240	276969	20.00	ng	0.00
86) Perylene-d12	15.30	264	185671	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	248435	26.60	ng	0.00
7) Phenol-d6	6.36	99	277580	24.65	ng	0.00
23) Nitrobenzene-d5	7.28	82	187340	18.81	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	57134	25.55	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	321725	20.96	ng	0.00
78) Terphenyl-d14	12.82	244	229729	18.70	ng	0.00

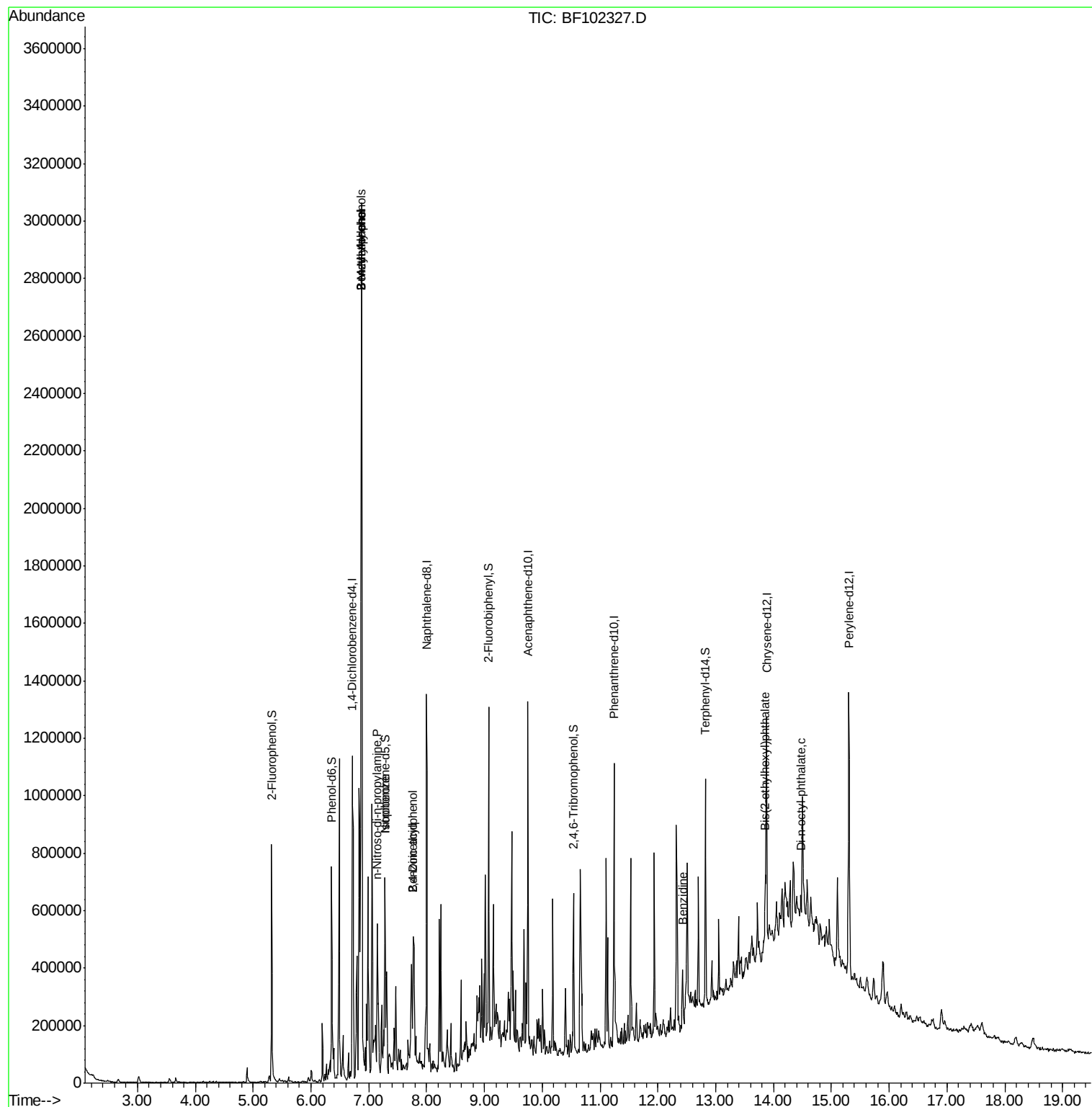
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.88	79	750418	94.449	ng	98
17) 2-Methylphenol	6.88	107	422886	49.731	ng	# 21
19) n-Nitroso-di-n-propylamine	7.15	70	28989	4.207	ng	# 52
20) 3+4-Methylphenols	6.88	107	422297	42.225	ng	# 1
25) Isophorone	7.28	82	184541	10.391	ng	# 64
27) 2,4-Dimethylphenol	7.77	122	58241	7.475	ng	# 10
32) Benzoic acid	7.77	122	58241	8.922	ng	93
76) Benzidine	12.43	184	60837	6.539	ng	# 86
83) Bis(2-ethylhexyl)phthalate	13.86	149	80902	5.649	ng	# 99
84) Di-n-octyl phthalate	14.47	149	70969	3.047	ng	# 92

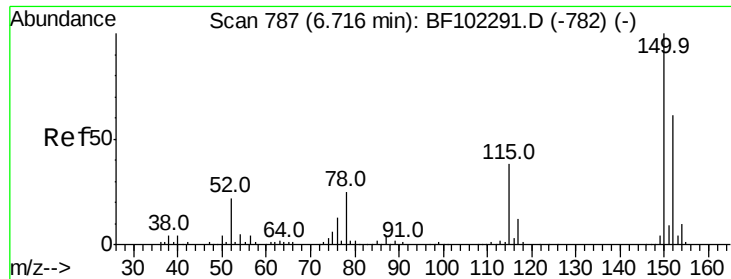
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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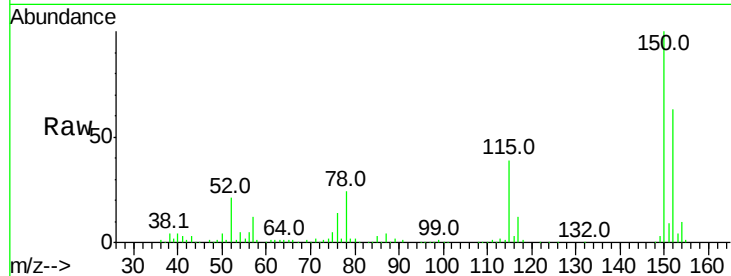


#1

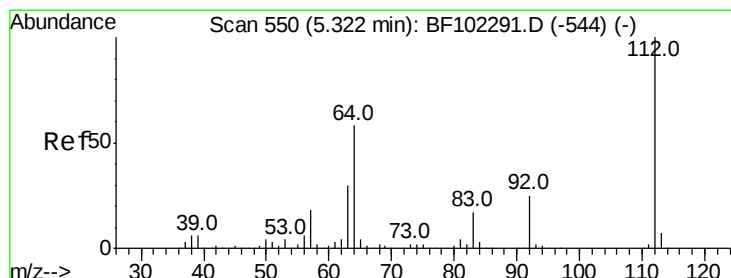
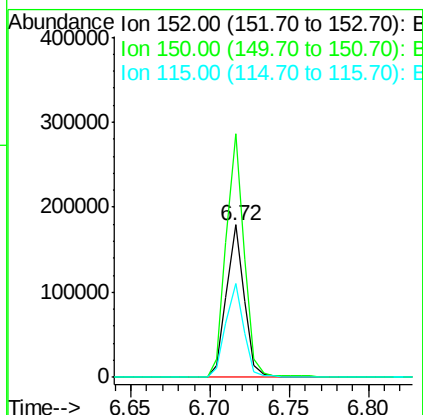
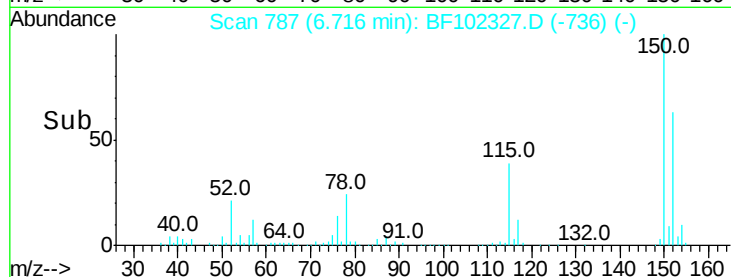
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102327.D
Acq: 23 Jan 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141625
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 61.8 50.1 75.1



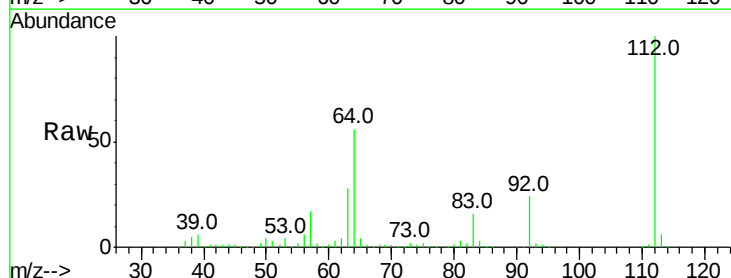
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



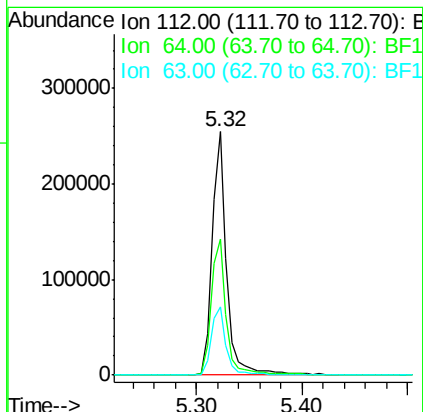
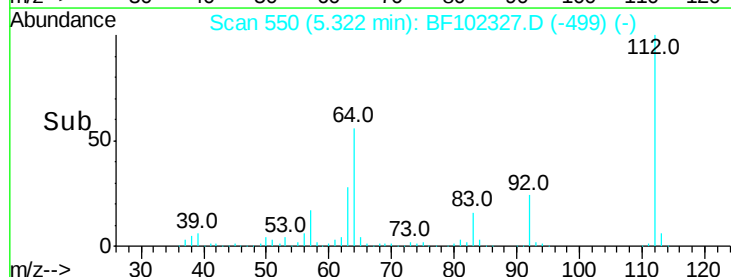
#5

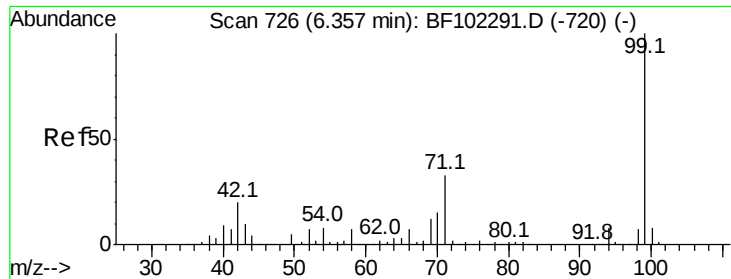
2-Fluorophenol
Concen: 26.598 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102327.D
Acq: 23 Jan 2018 6:03

Tgt Ion:112 Resp: 248435
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 28.0 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: 24.650 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102327.D

Acq: 23 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

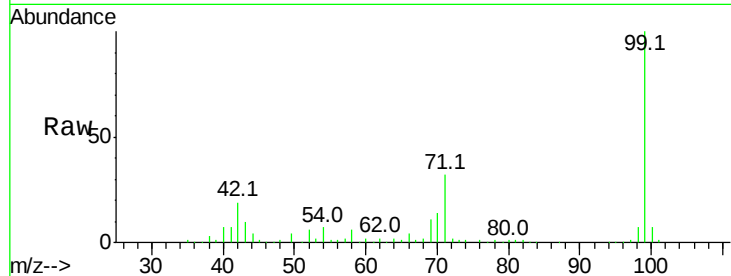
Tot Ion: 99 Resp: 277580

Ion Ratio Lower Upper

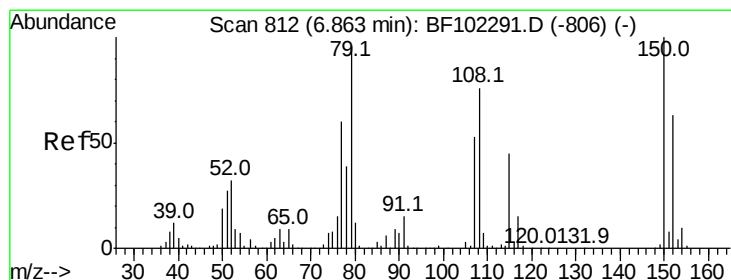
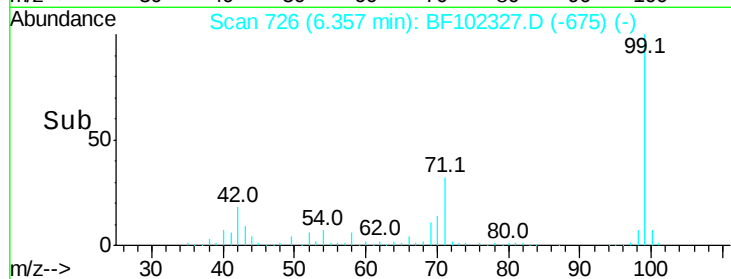
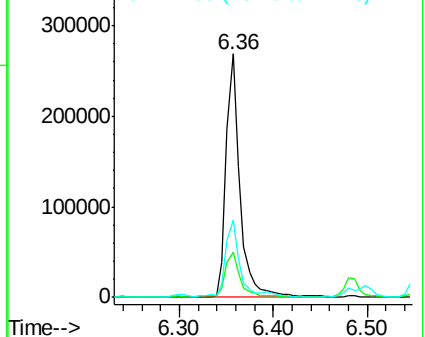
99 100

42 18.6 14.5 21.7

71 31.8 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



#15

Benzyl Alcohol

Concen: 94.449 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.02 min

Lab File: BF102327.D

Acq: 23 Jan 2018 6:03

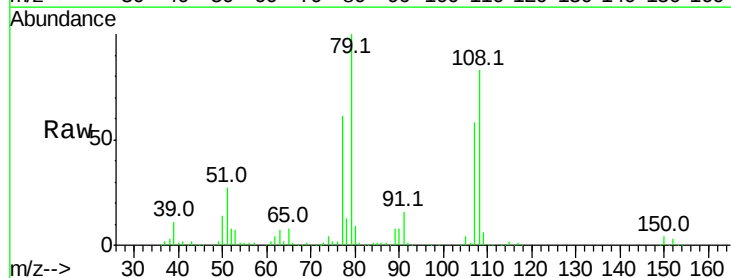
Tgt Ion: 79 Resp: 750418

Ion Ratio Lower Upper

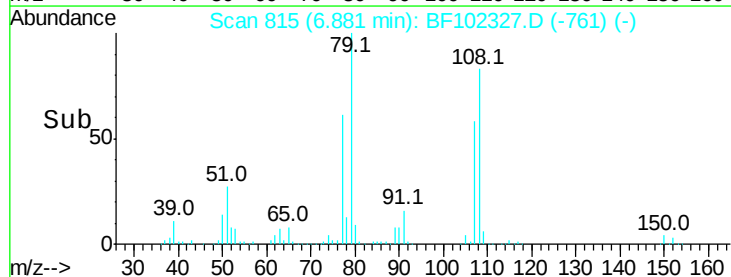
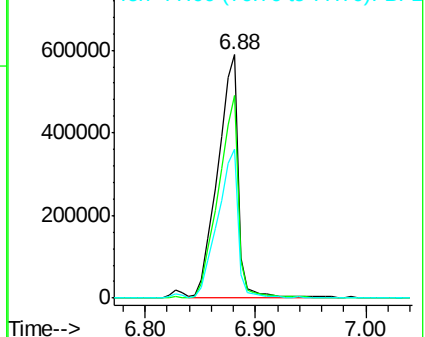
79 100

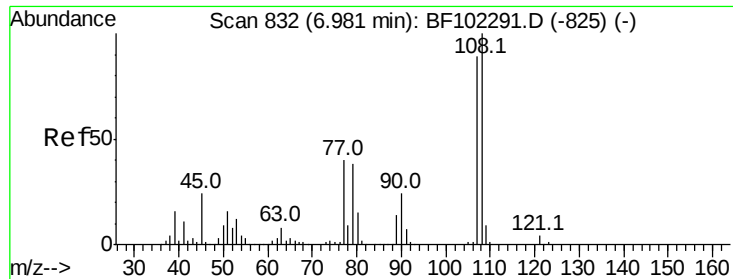
108 83.2 65.1 97.7

77 61.1 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

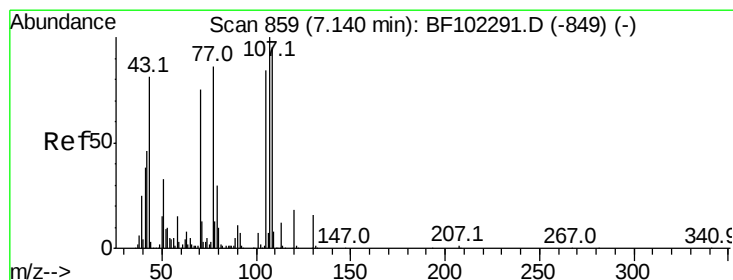
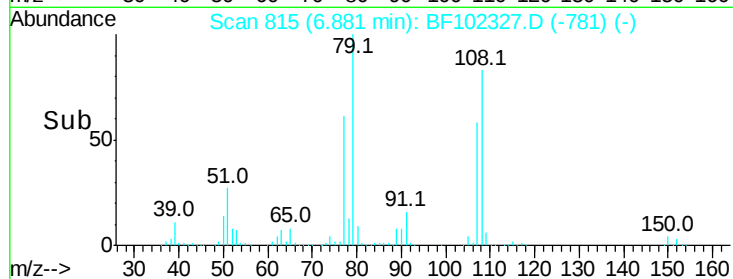
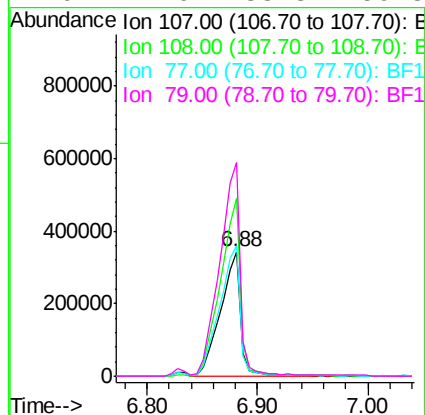
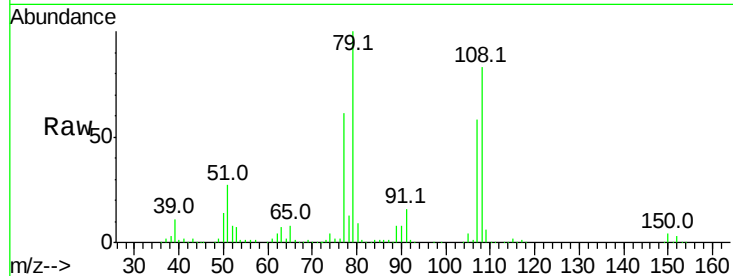




#17
2-Methylphenol
Concen: 49.731 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.10 min
Lab File: BF102327.D
Acq: 23 Jan 2018 6:03

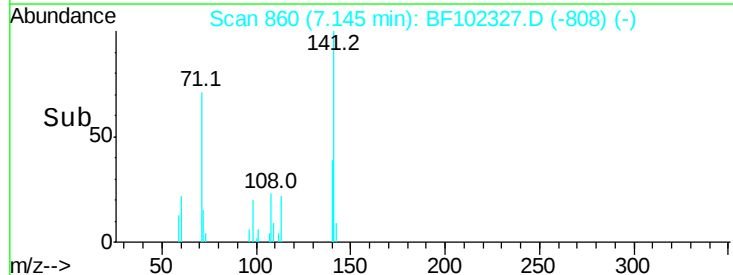
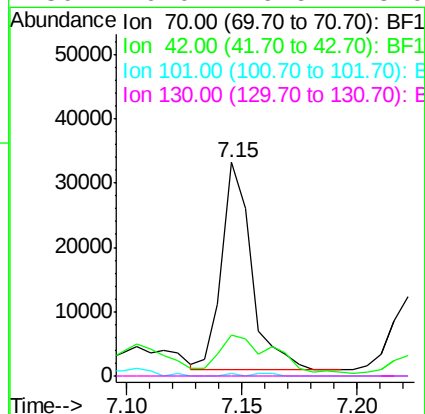
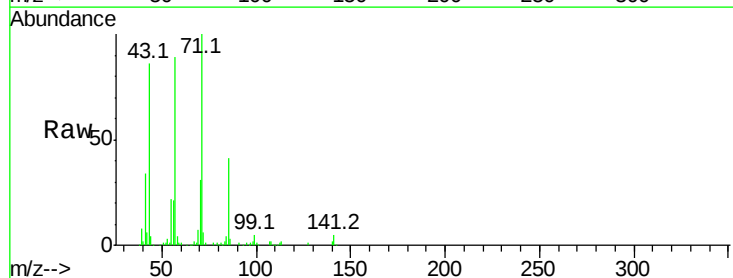
Instrument :
BNA_F
ClientSampled :

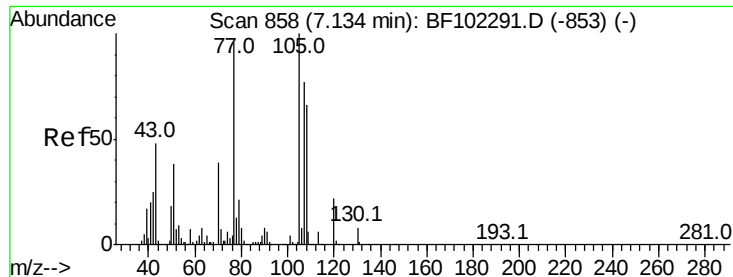
Tot Ion:107 Resp: 422886
Ion Ratio Lower Upper
107 100
108 143.0 91.7 137.5#
77 105.0 33.8 50.8#
79 171.9 33.8 50.8#



#19
n-Nitroso-di-n-propylamine
Concen: 4.207 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102327.D
Acq: 23 Jan 2018 6:03

Tgt Ion: 70 Resp: 28989
Ion Ratio Lower Upper
70 100
42 19.3 47.5 71.3#
101 1.0 7.4 11.2#
130 0.0 16.6 25.0#

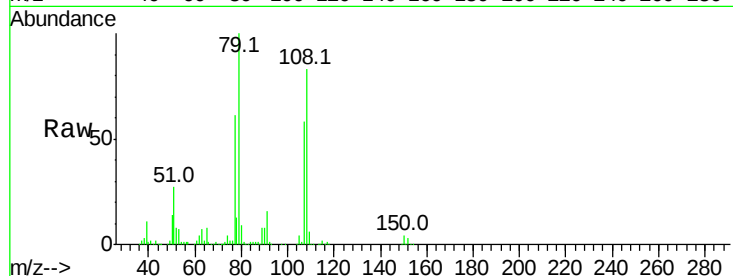




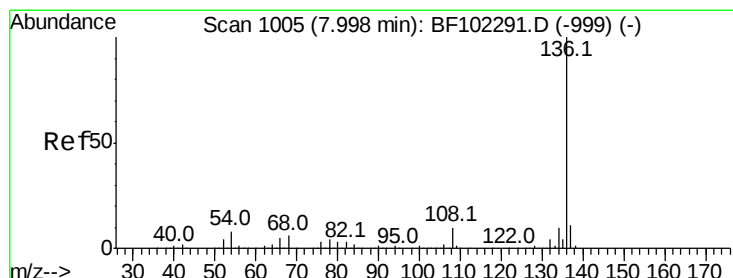
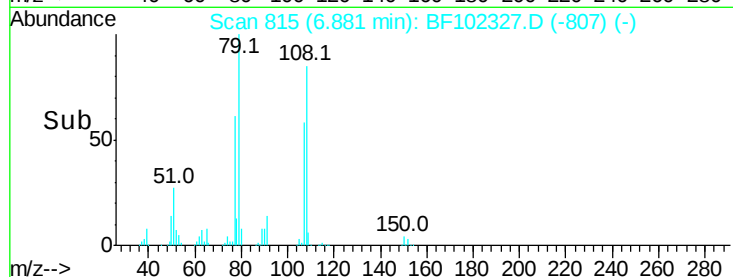
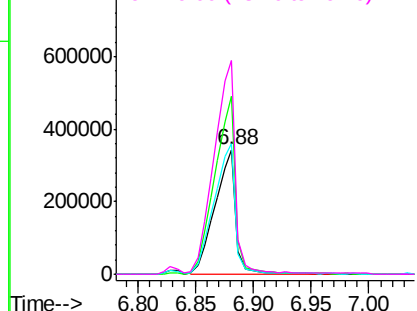
#20
3+4-Methylphenols
Concen: 42.225 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.25 min
Lab File: BF102327.D
Acq: 23 Jan 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 422297
Ion Ratio Lower Upper
107 100
108 143.0 68.2 108.2#
77 105.0 26.7 66.7#
79 171.9 6.3 46.3#

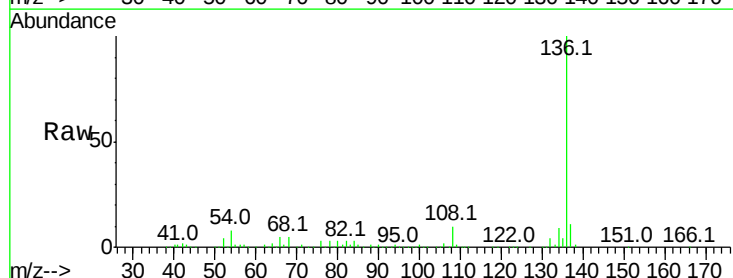


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

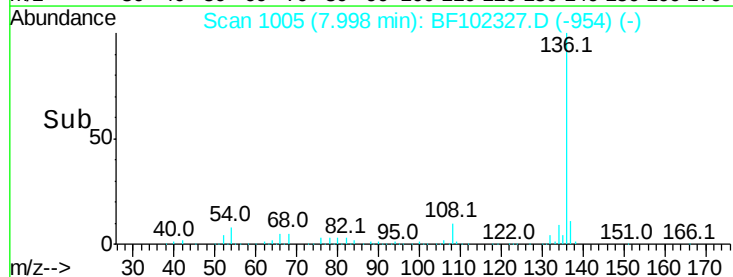
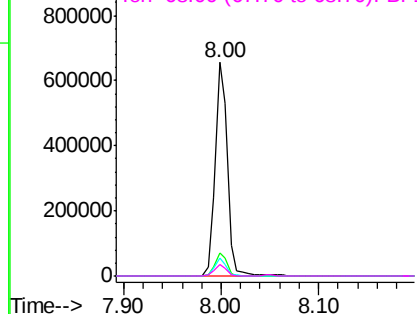


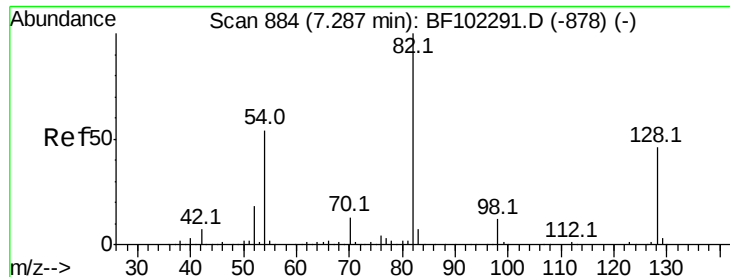
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102327.D
Acq: 23 Jan 2018 6:03

Tgt Ion:136 Resp: 572489
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.4 6.6 9.8
68 5.5 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

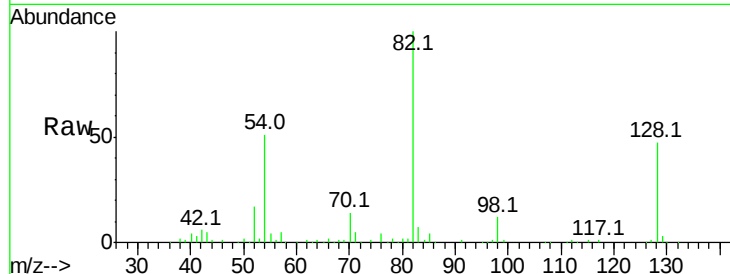




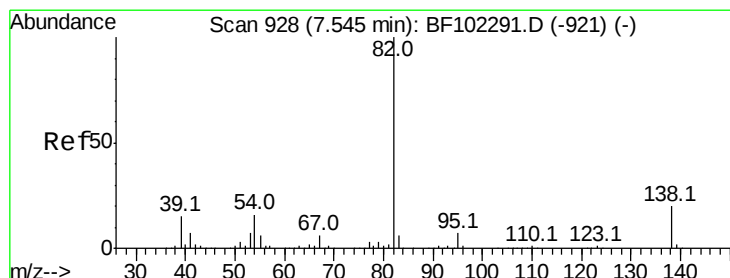
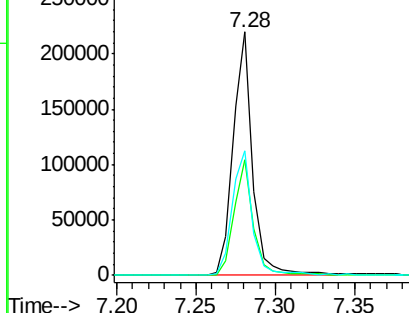
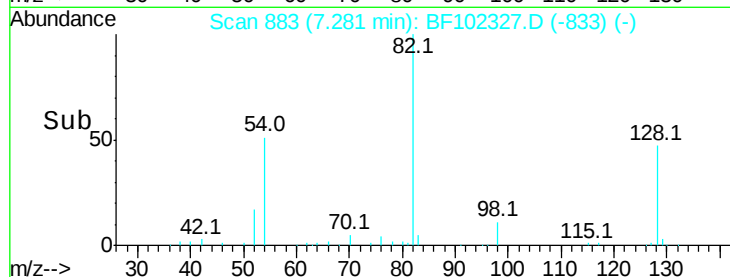
#23
 Nitrobenzene-d5
 Concen: 18.805 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102327.D
 Acq: 23 Jan 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	187340
Ion Ratio	Lower	Upper	
82	100		
128	47.3	36.1	54.1
54	51.4	41.4	62.2

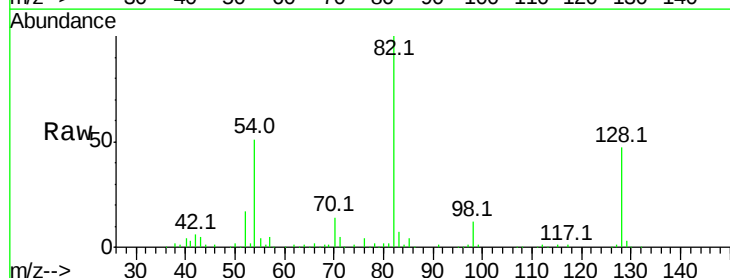


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

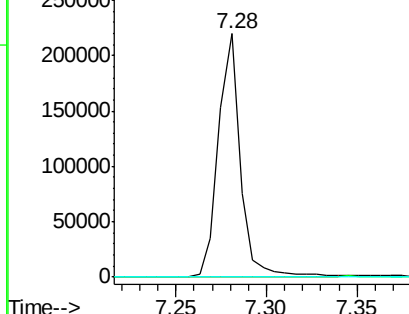
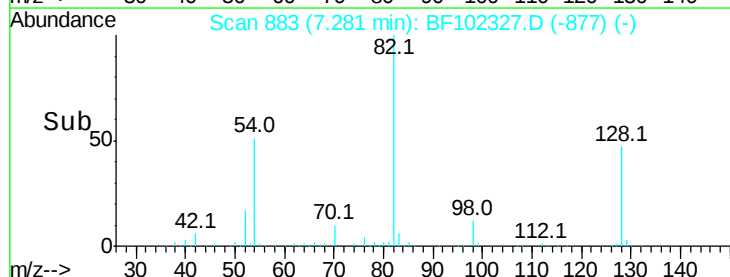


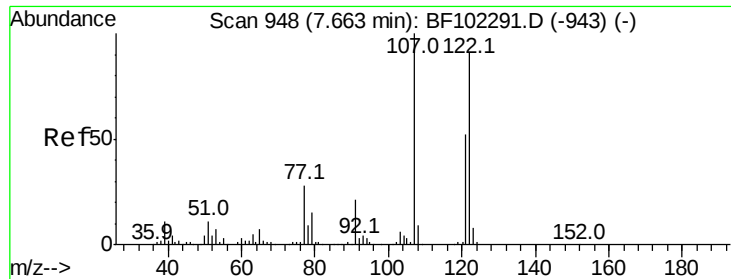
#25
 Isophorone
 Concen: 10.391 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102327.D
 Acq: 23 Jan 2018 6:03

Tgt Ion	82	Resp	184541
Ion Ratio	Lower	Upper	
82	100		
95	0.3	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

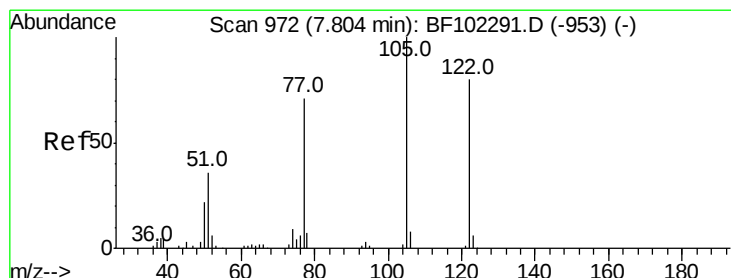
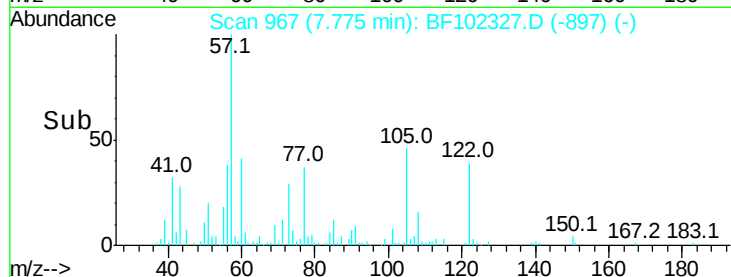
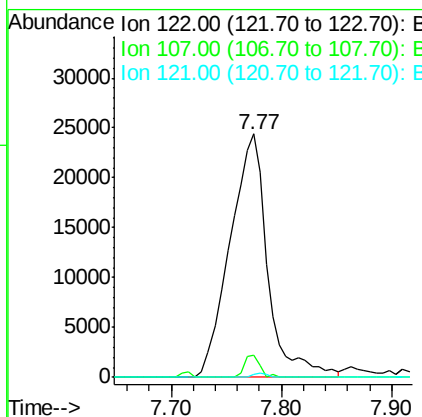
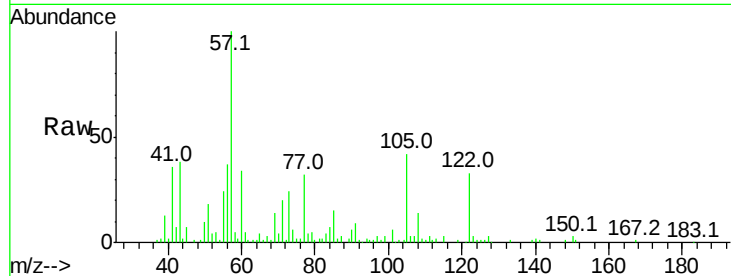




#27
2,4-Dimethylphenol
Concen: 7.475 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.11 min
Lab File: BF102327.D
Acq: 23 Jan 2018 6:03

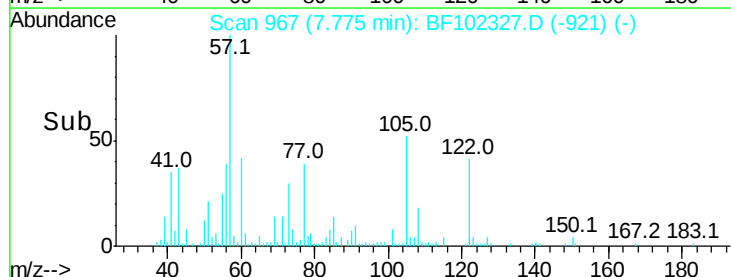
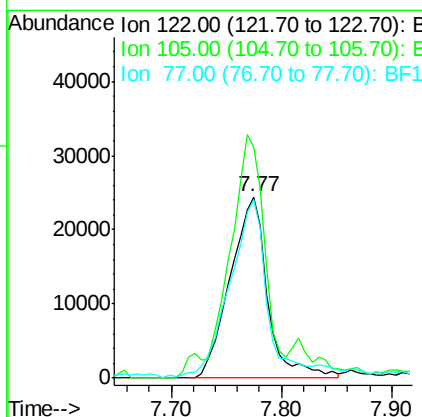
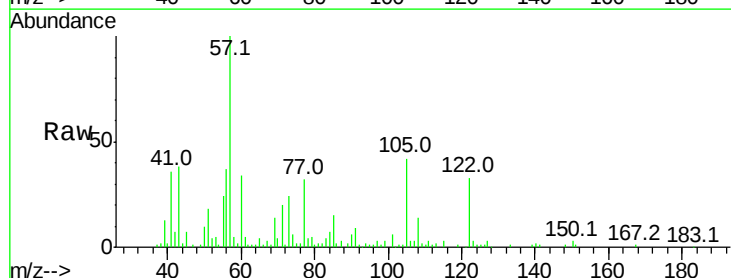
Instrument :
BNA_F
ClientSampleId :

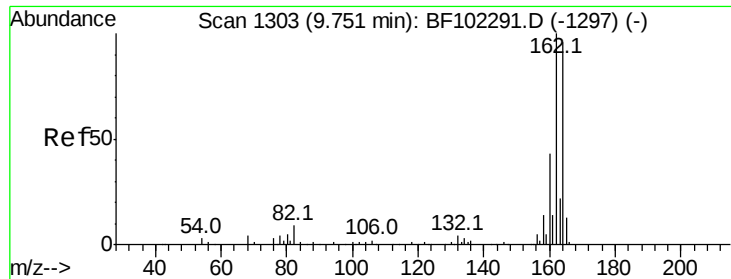
Tot Ion:122 Resp: 58241
Ion Ratio Lower Upper
122 100
107 9.1 91.2 136.8#
121 1.3 47.2 70.8#



#32
Benzoic acid
Concen: 8.922 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.03 min
Lab File: BF102327.D
Acq: 23 Jan 2018 6:03

Tgt Ion:122 Resp: 58241
Ion Ratio Lower Upper
122 100
105 127.8 101.1 141.1
77 98.6 70.7 110.7

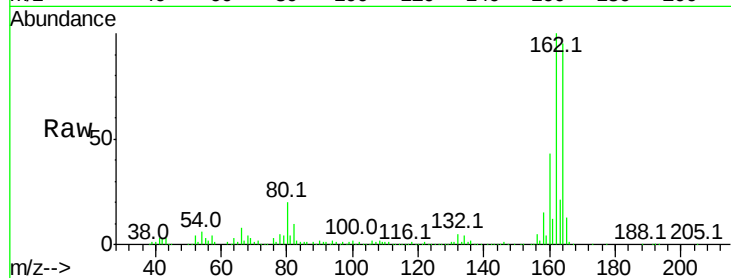




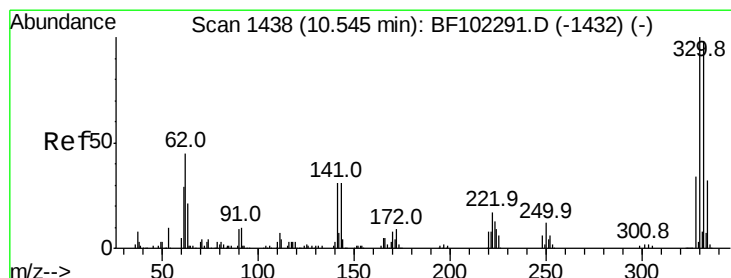
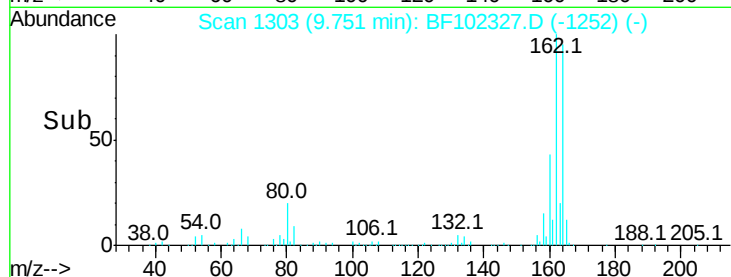
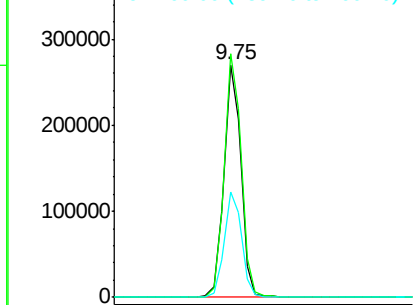
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102327.D
 Acq: 23 Jan 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 225678
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 45.3 38.3 57.5

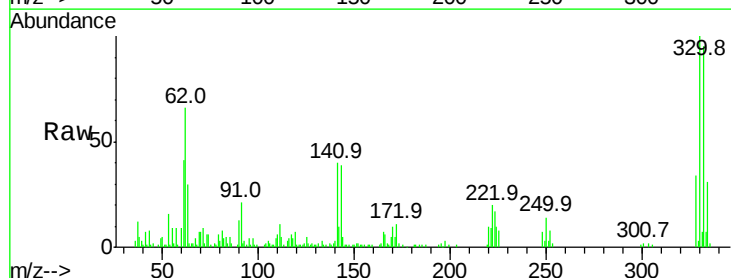


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

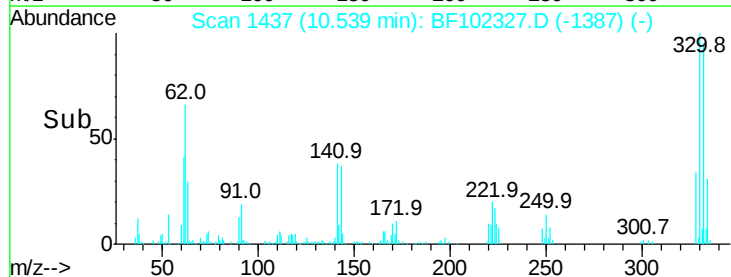
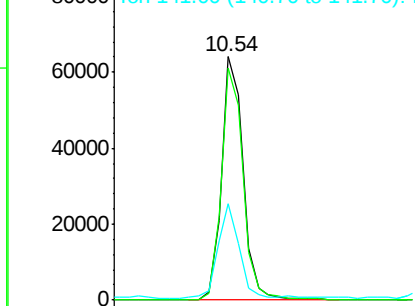


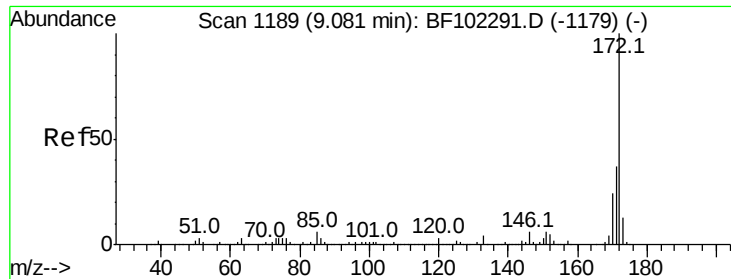
#41
 2,4,6-Tribromophenol
 Concen: 25.550 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102327.D
 Acq: 23 Jan 2018 6:03

Tgt Ion:330 Resp: 57134
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 39.3 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

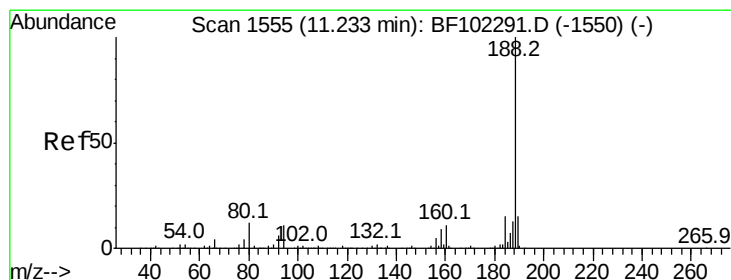
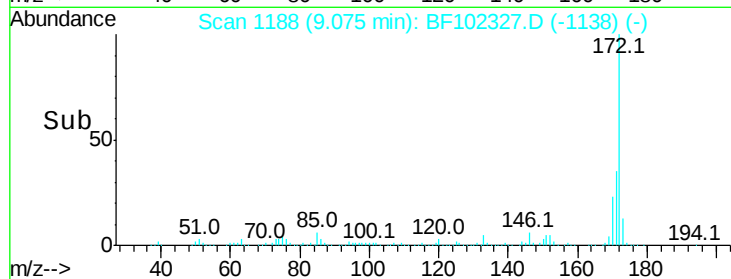
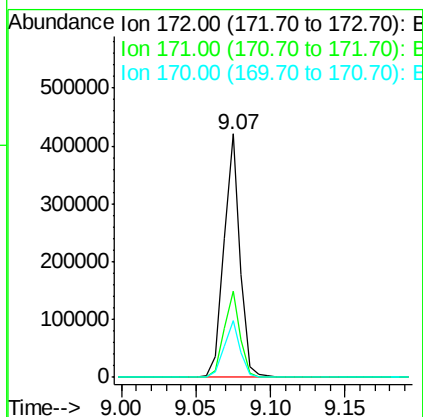
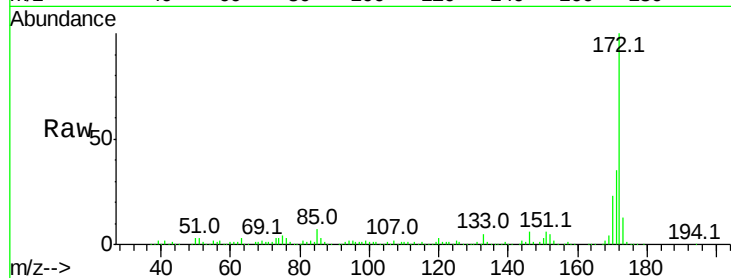




#44
 2-Fluorobiphenyl
 Concen: 20.961 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102327.D
 Acq: 23 Jan 2018 6:03

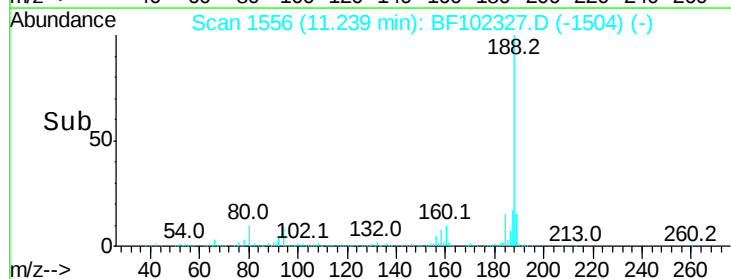
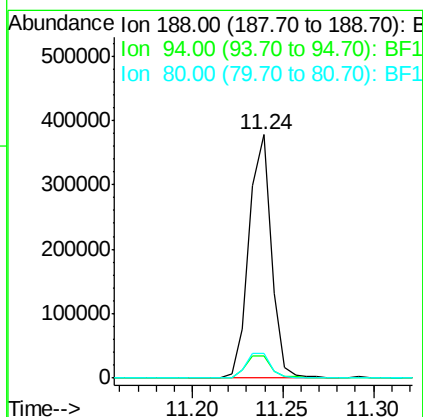
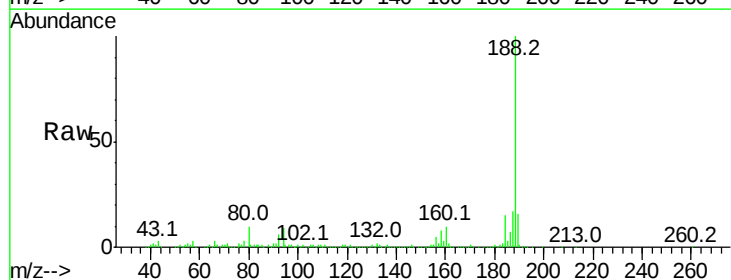
Instrument :
 BNA_F
 ClientSampleId :

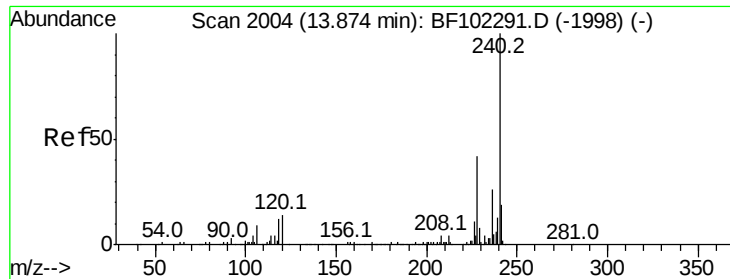
Tot Ion:172 Resp: 321725
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.3 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.01 min
 Lab File: BF102327.D
 Acq: 23 Jan 2018 6:03

Tgt Ion:188 Resp: 324923
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 10.0 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102327.D

Acq: 23 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

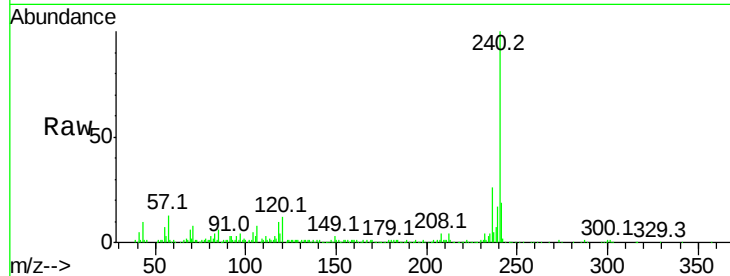
Tot Ion:240 Resp: 276969

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

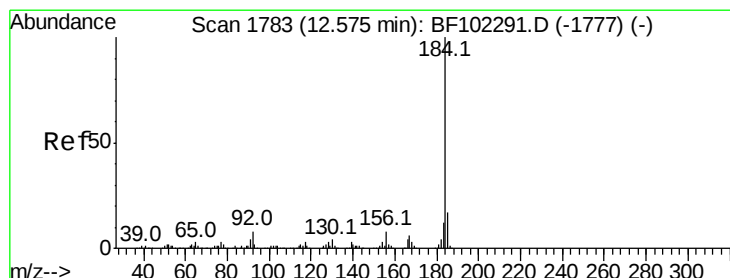
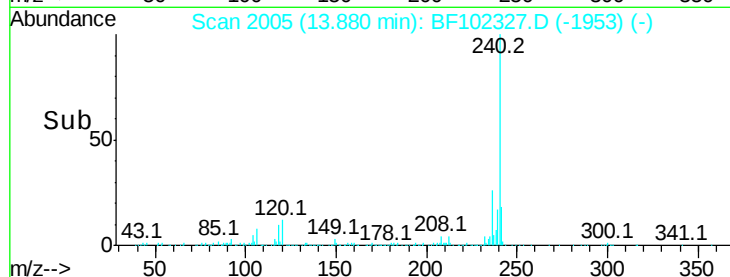
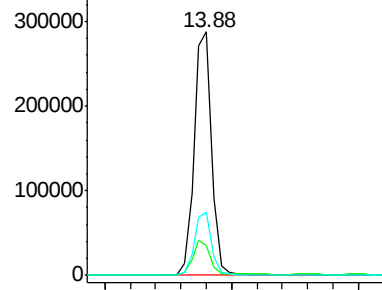
236 25.8 20.7 31.1



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



#76

Benzidine

Concen: 6.539 ng

RT: 12.43 min Scan# 1758

Delta R.T. -0.15 min

Lab File: BF102327.D

Acq: 23 Jan 2018 6:03

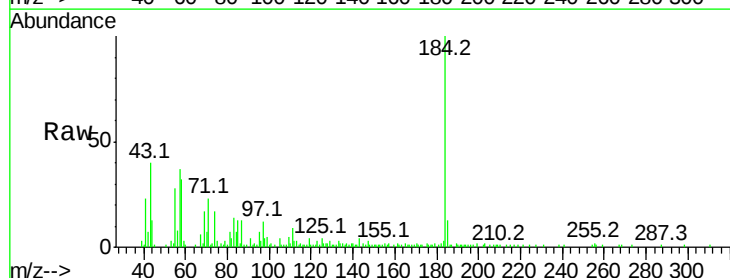
Tgt Ion:184 Resp: 60837

Ion Ratio Lower Upper

184 100

185 13.0 12.6 18.8

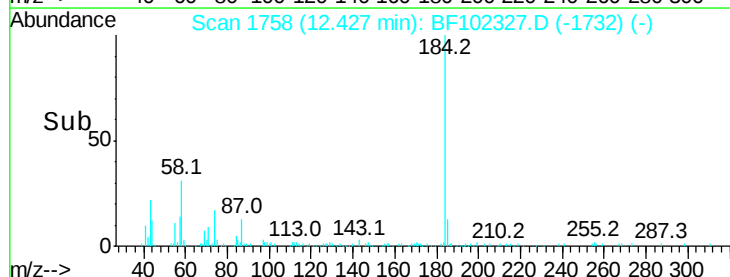
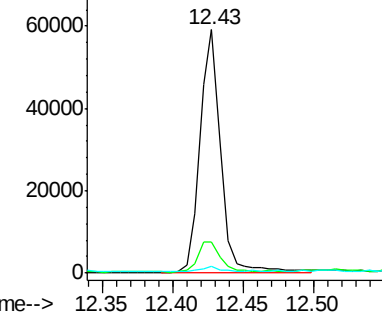
183 2.7 9.3 13.9#

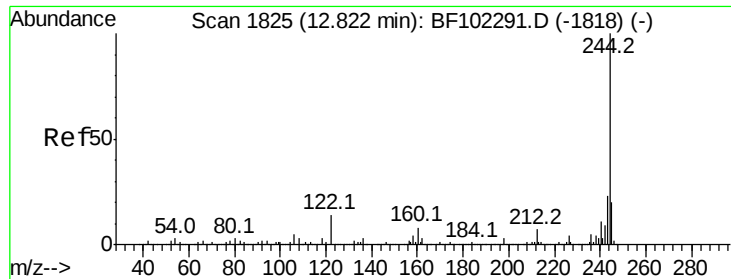


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

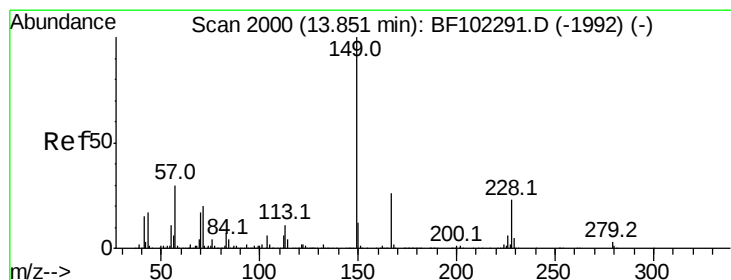
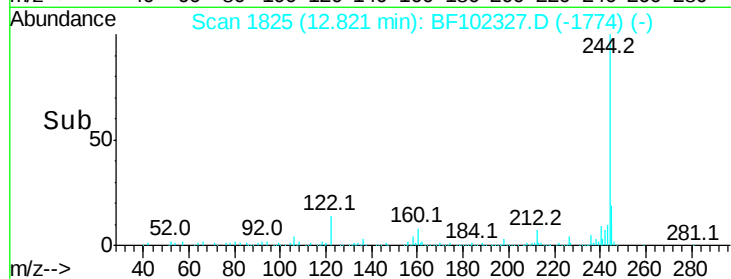
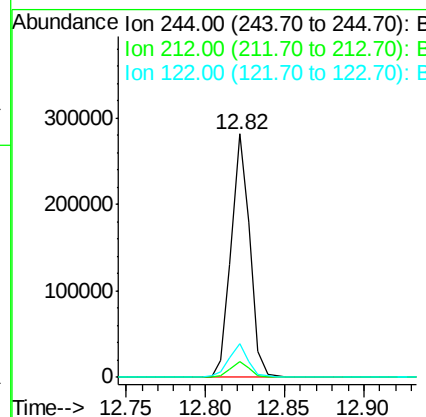
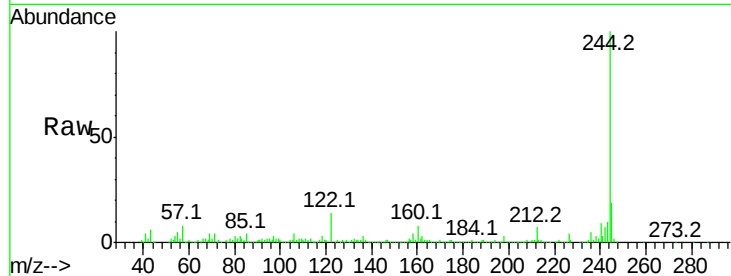




#78
 Terphenyl-d14
 Concen: 18.699 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102327.D
 Acq: 23 Jan 2018 6:03

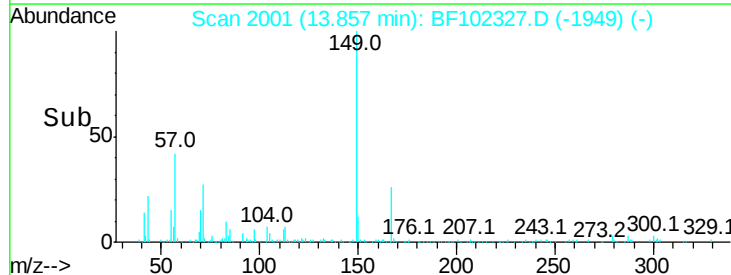
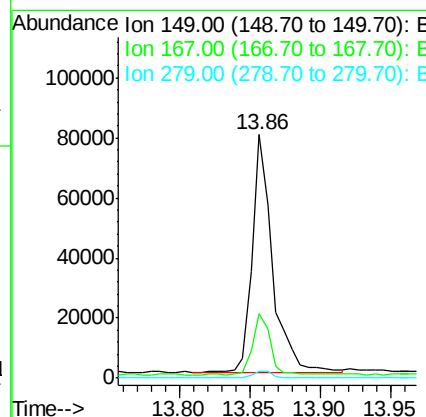
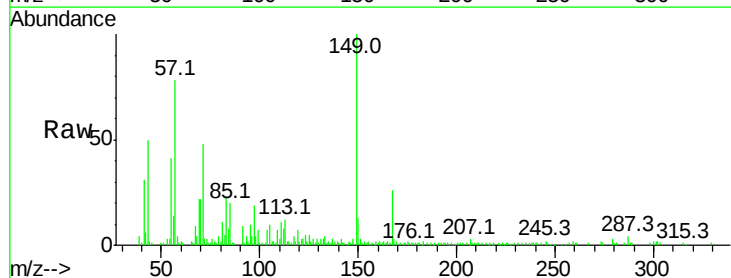
Instrument :
 BNA_F
 ClientSampleId :

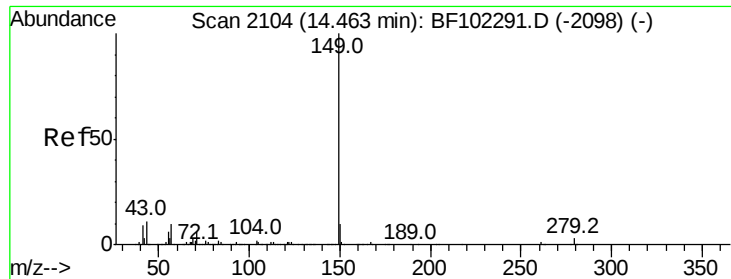
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.8	11.0	16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.649 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF102327.D
 Acq: 23 Jan 2018 6:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	2.7	3.0	4.4#

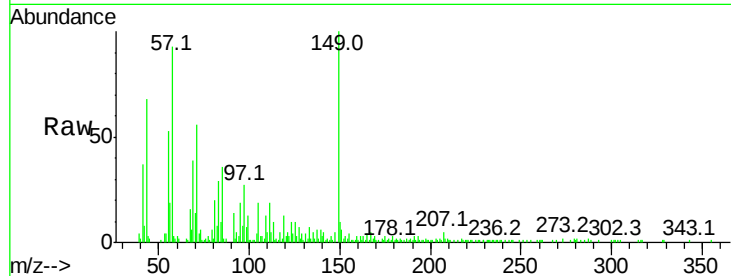




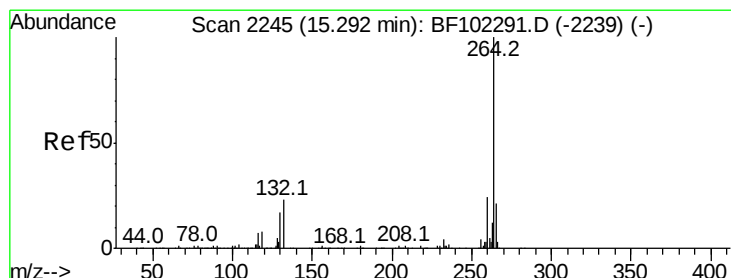
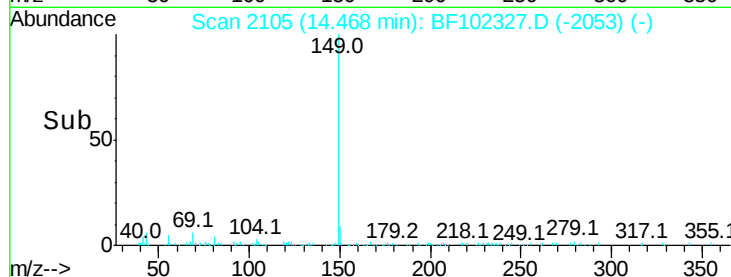
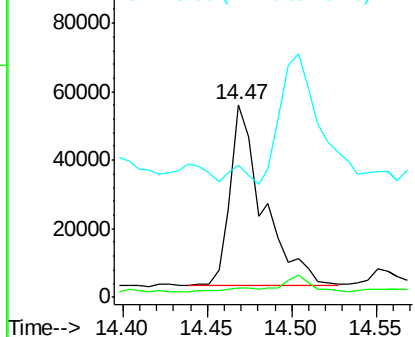
#84
Di-n-octyl phthalate
Concen: 3.047 ng
RT: 14.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BF102327.D
Acq: 23 Jan 2018 6:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 70969
Ion Ratio Lower Upper
149 100
167 3.0 1.2 1.8#
43 7.3 8.4 12.6#

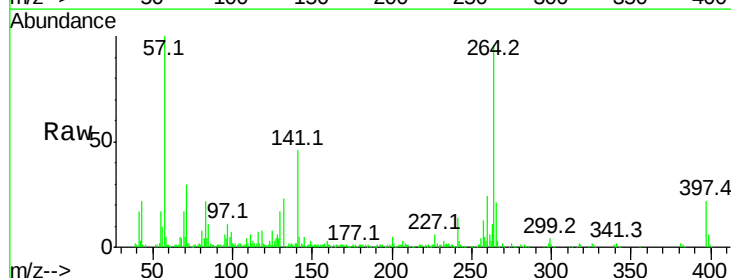


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102327.D
Acq: 23 Jan 2018 6:03

Tgt Ion:264 Resp: 185671
Ion Ratio Lower Upper
264 100
260 25.4 19.2 28.8
265 21.5 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

