

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103628.D
 Acq On : 14 Mar 2018 4:09
 Operator : SJ/JU
 Sample : J1894-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 04:51:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

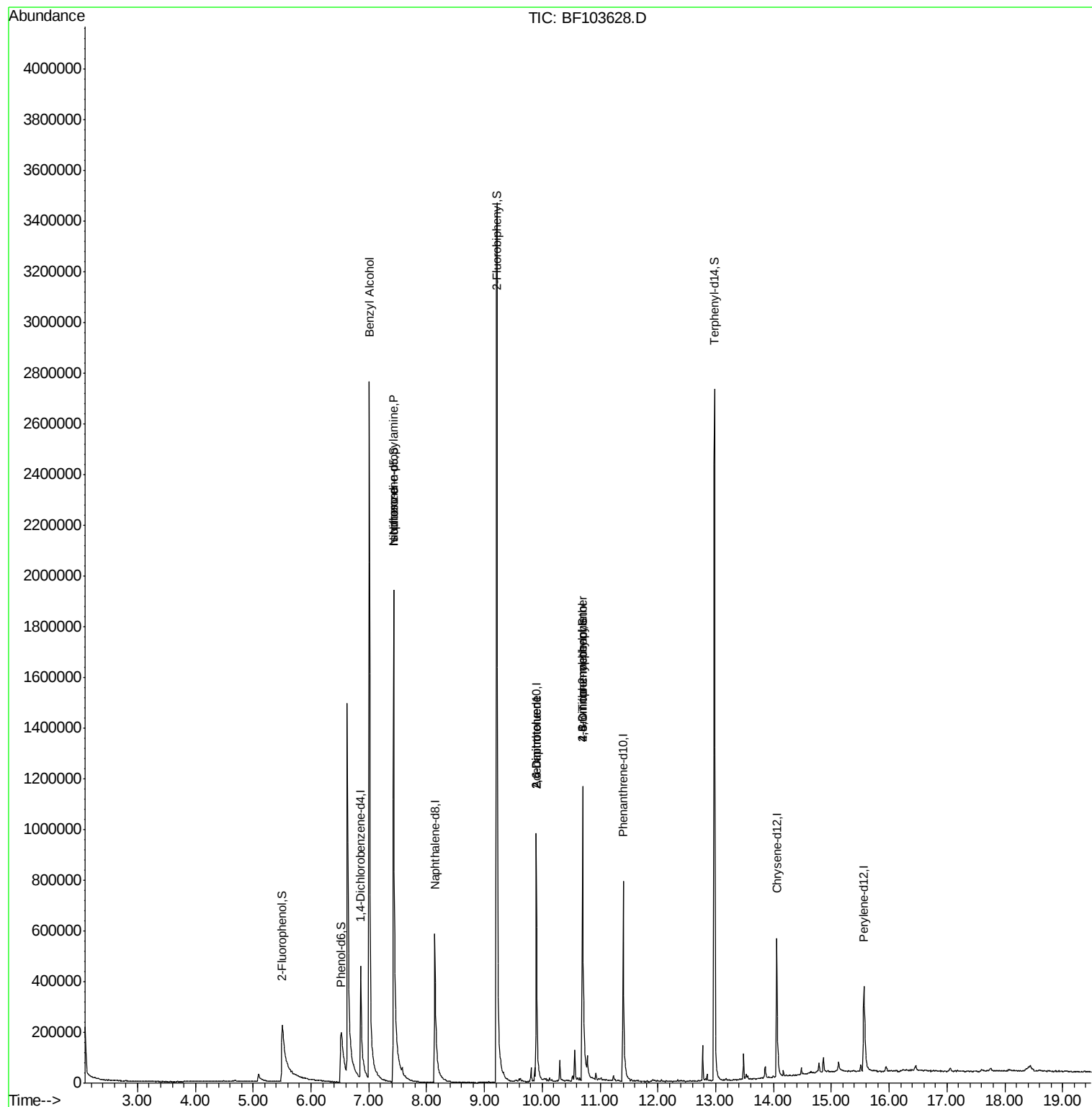
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	136724	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	605891	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	264606	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	450054	20.00	ng	0.00
75) Chrysene-d12	14.06	240	264469	20.00	ng	0.00
86) Perylene-d12	15.57	264	244663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	294151	32.54	ng	0.01
7) Phenol-d6	6.52	99	310709	28.09	ng	0.01
23) Nitrobenzene-d5	7.43	82	1107345	104.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	189419	84.57	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1573940	109.76	ng	0.00
78) Terphenyl-d14	12.98	244	1066367	96.93	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.01	79	16805	2.016	ng	# 35
19) n-Nitroso-di-n-propylamine	7.43	70	138099	20.059	ng	# 83
25) Isophorone	7.43	82	1107345	52.994	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	32613	7.321	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	33402	5.929	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	245	5.026	ng	# 84
66) 4-Bromophenyl-phenylether	10.70	248	13546	2.889	ng	# 1

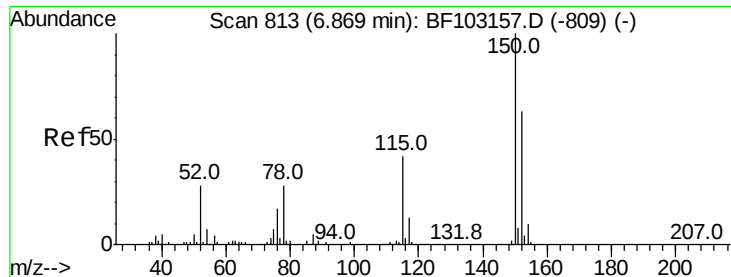
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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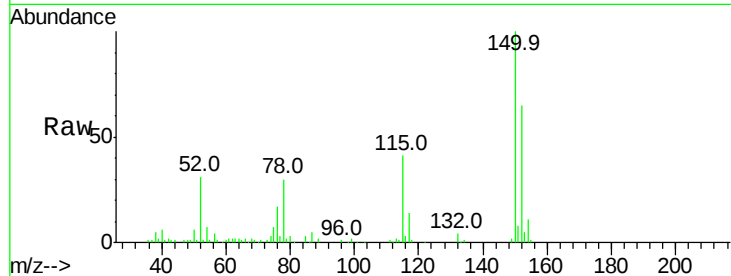


#1

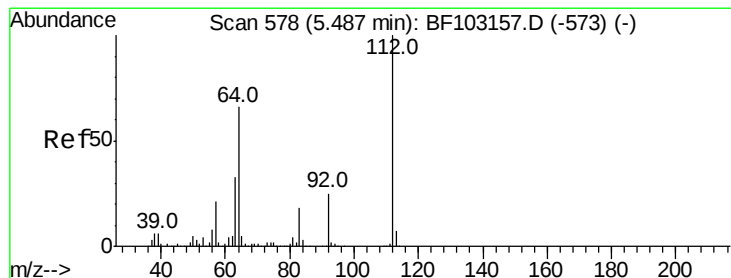
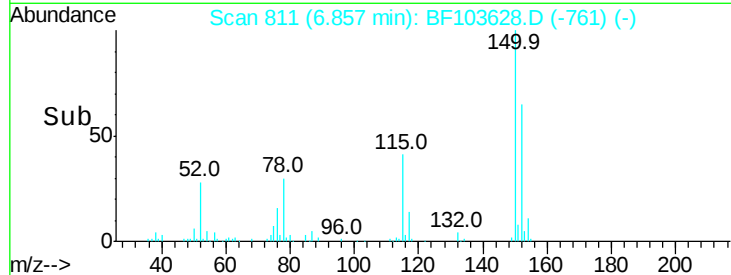
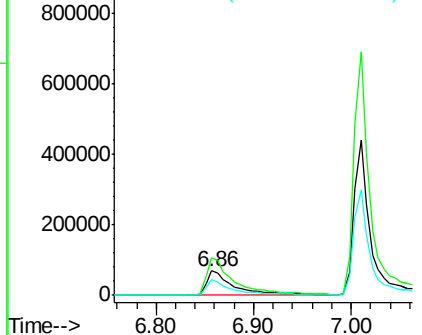
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103628.D
Acq: 14 Mar 2018 4:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 136724
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 63.4 50.1 75.1



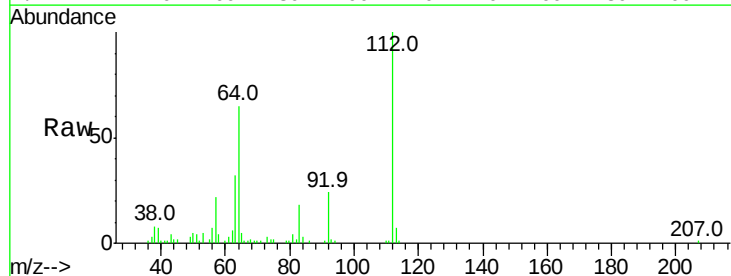
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



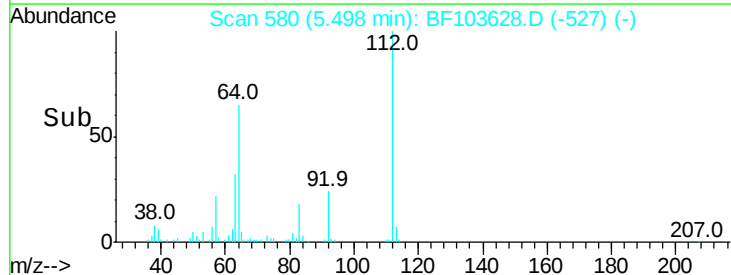
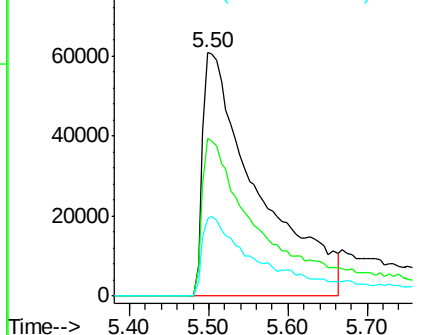
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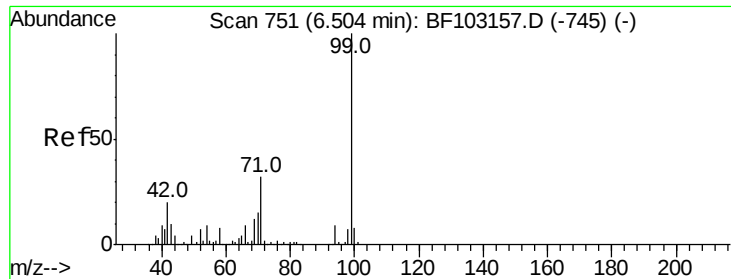
2-Fluorophenol
Concen: 32.539 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103628.D
Acq: 14 Mar 2018 4:09

Tgt Ion:112 Resp: 294151
Ion Ratio Lower Upper
112 100
64 64.9 47.9 71.9
63 31.9 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: 28.088 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103628.D

Acq: 14 Mar 2018 4:09

Instrument :

BNA_F

ClientSampleId :

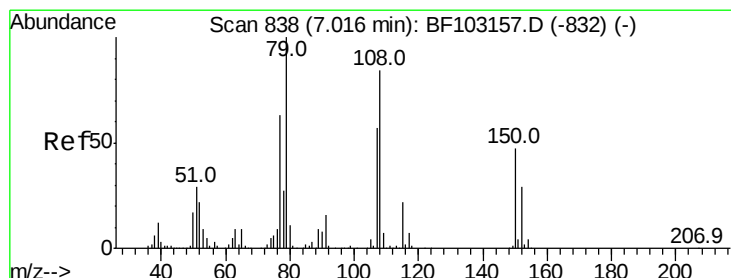
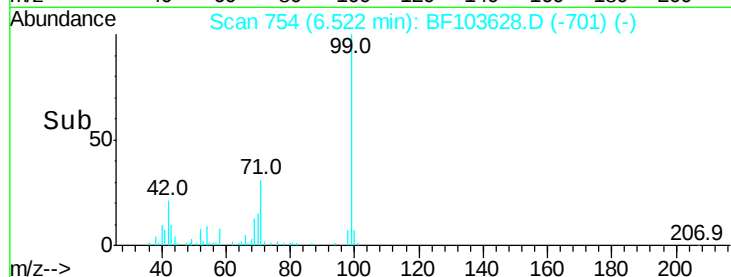
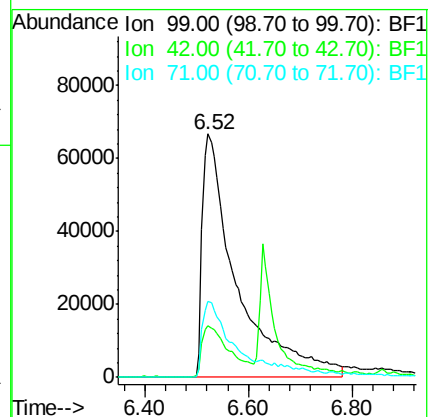
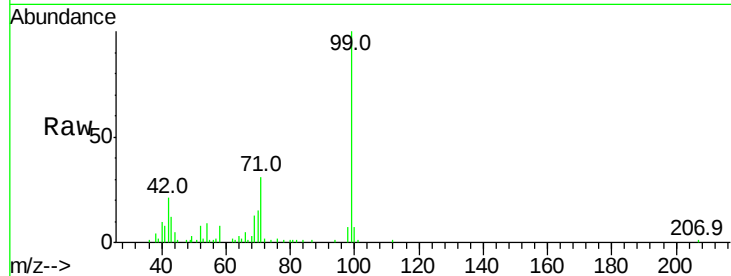
Tot Ion: 99 Resp: 310709

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

71 30.9 25.4 38.0



#15

Benzyl Alcohol

Concen: 2.016 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103628.D

Acq: 14 Mar 2018 4:09

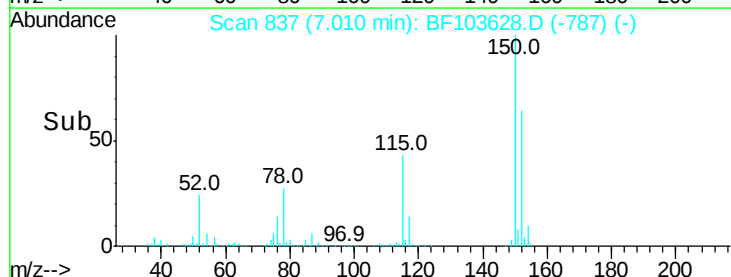
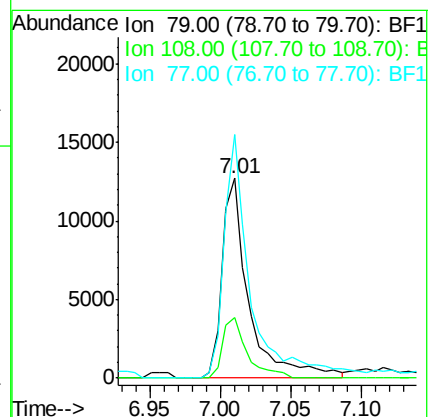
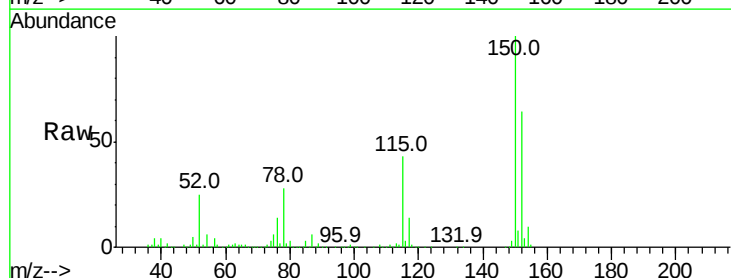
Tgt Ion: 79 Resp: 16805

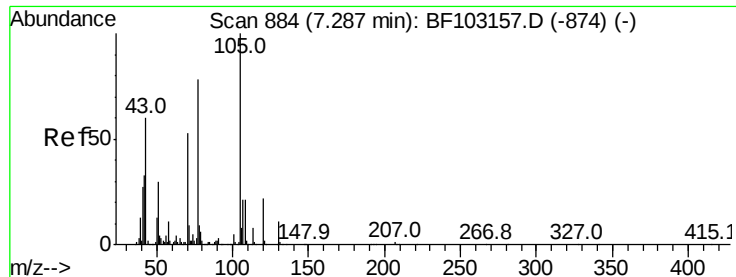
Ion Ratio Lower Upper

79 100

108 30.4 65.1 97.7#

77 121.8 50.6 75.8#

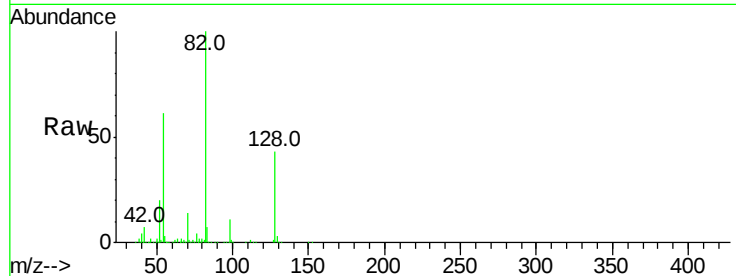




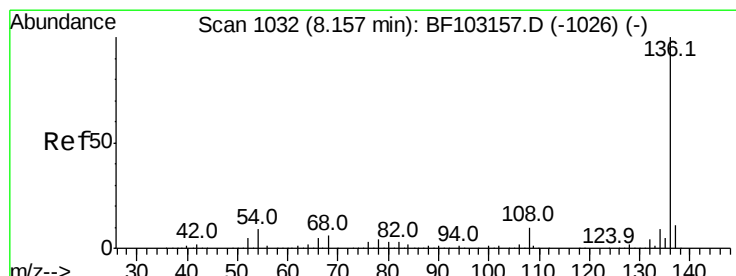
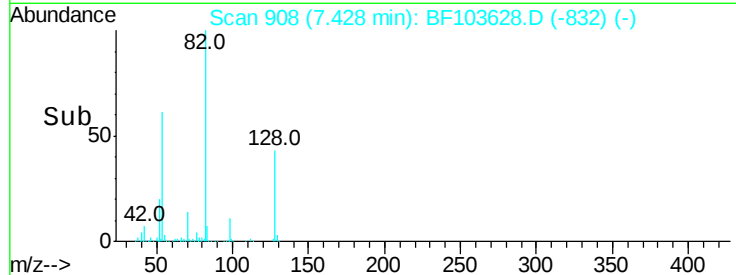
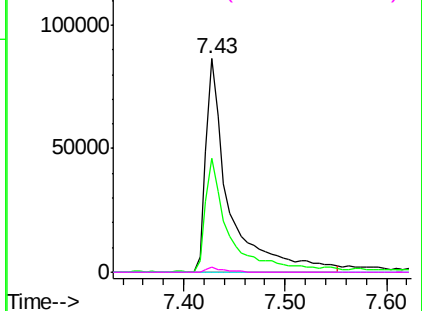
#19
n-Nitroso-di-n-propylamine
Concen: 20.059 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.15 min
Lab File: BF103628.D
Acq: 14 Mar 2018 4:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 138099
Ion Ratio Lower Upper
70 100
42 53.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#

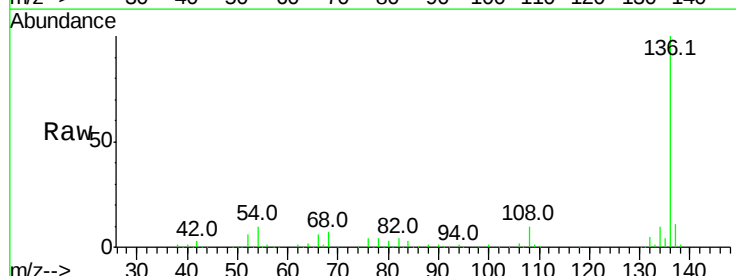


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

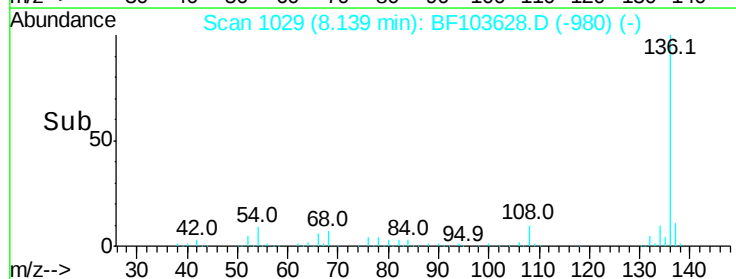
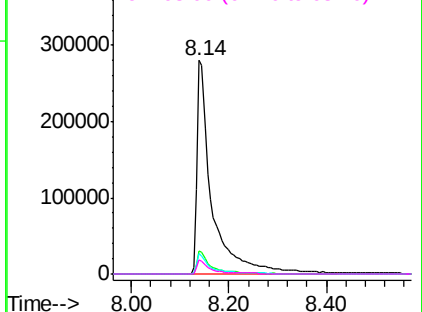


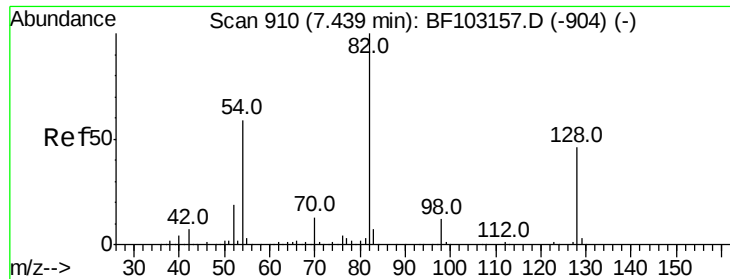
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103628.D
Acq: 14 Mar 2018 4:09

Tgt Ion: 136 Resp: 605891
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.5 6.6 9.8
68 6.8 5.0 7.4



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

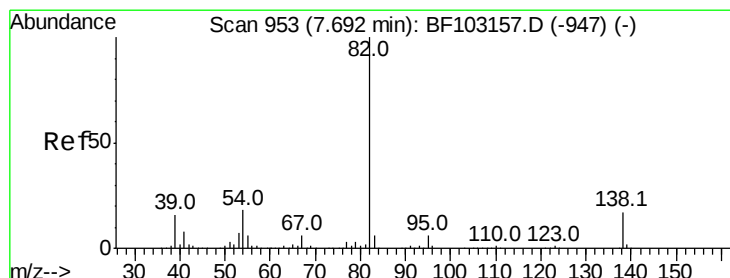
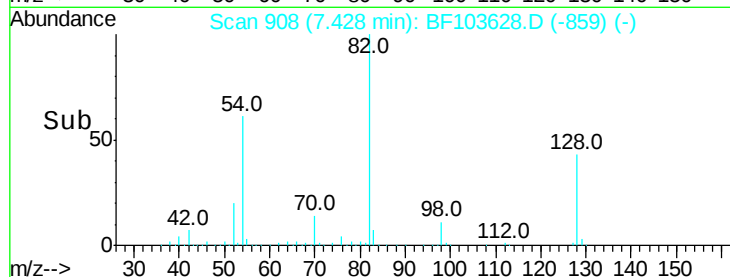
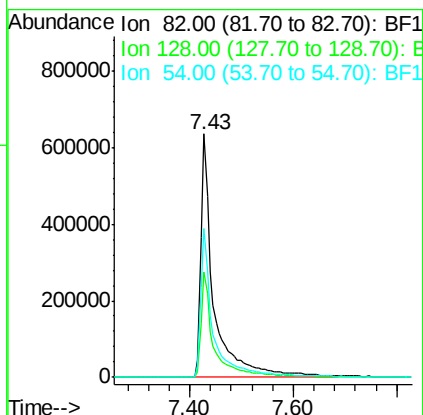
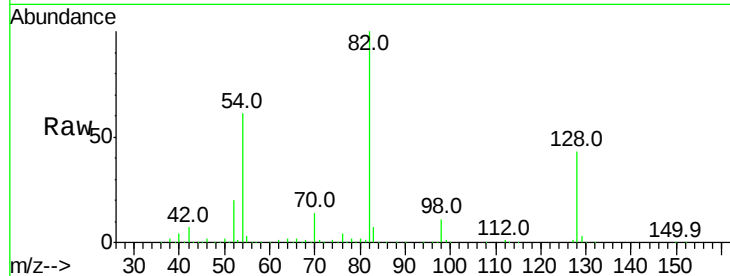




#23
Nitrobenzene-d5
Concen: 104.373 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103628.D
Acq: 14 Mar 2018 4:09

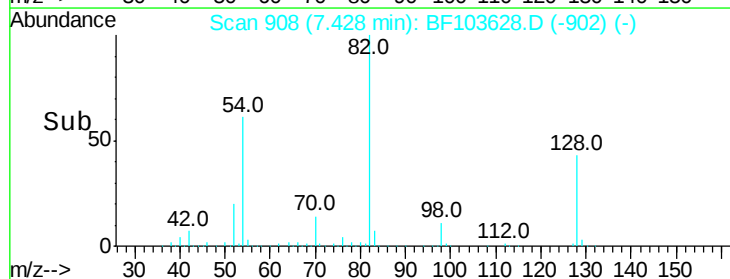
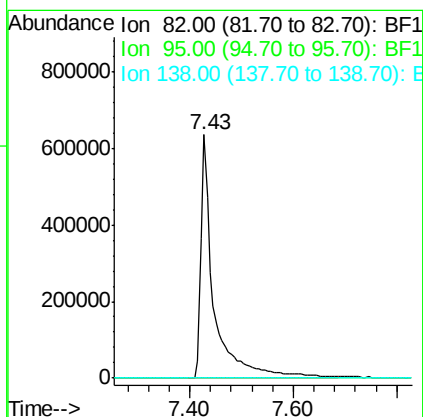
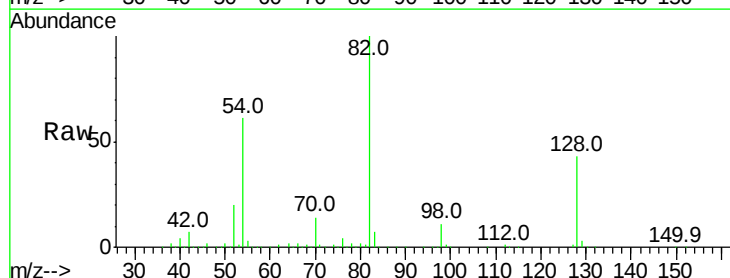
Instrument :
BNA_F
ClientSampleId :

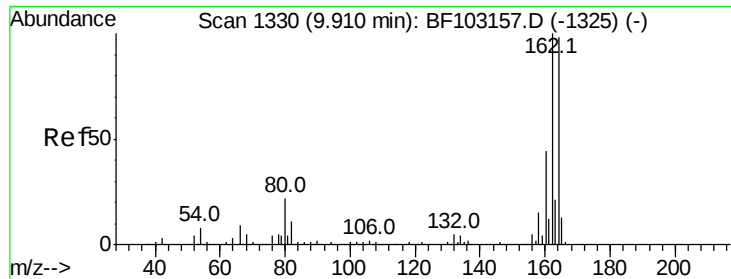
Tot Ion: 82 Resp: 1107345
Ion Ratio Lower Upper
82 100
128 43.1 36.1 54.1
54 61.2 41.4 62.2



#25
Isophorone
Concen: 52.994 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF103628.D
Acq: 14 Mar 2018 4:09

Tgt Ion: 82 Resp: 1107345
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

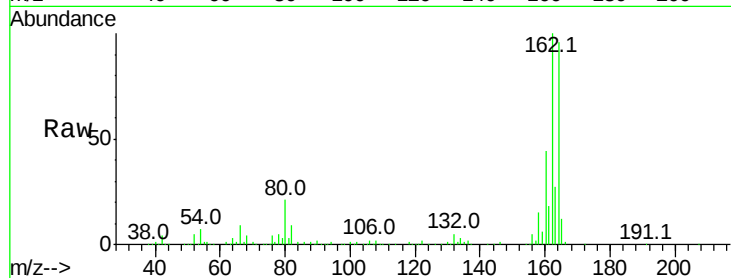




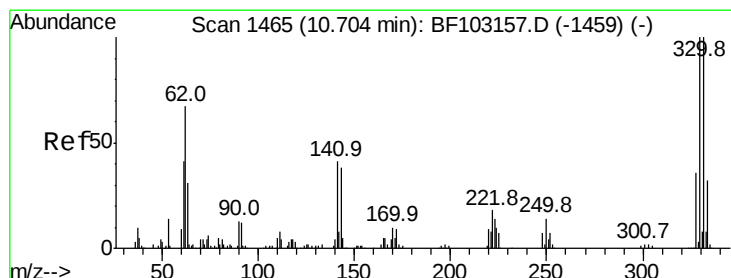
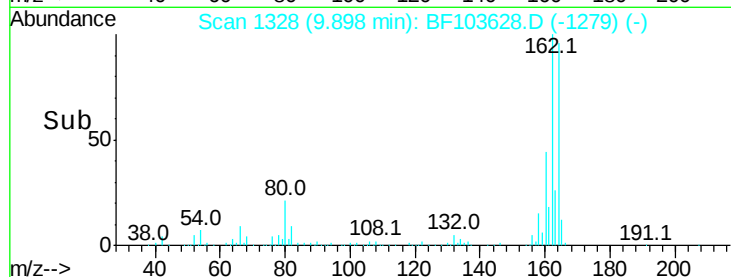
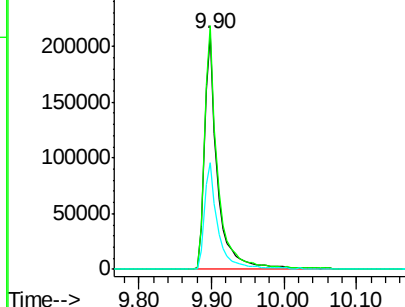
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103628.D
 Acq: 14 Mar 2018 4:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 264606
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.7 38.3 57.5

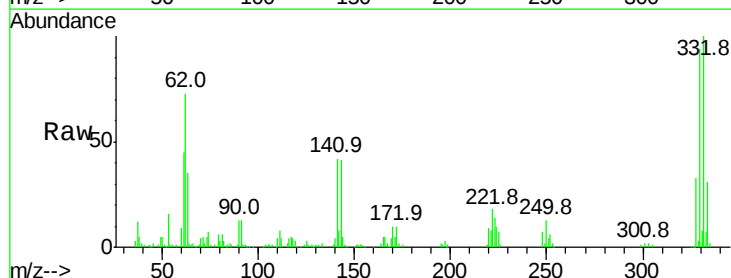


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

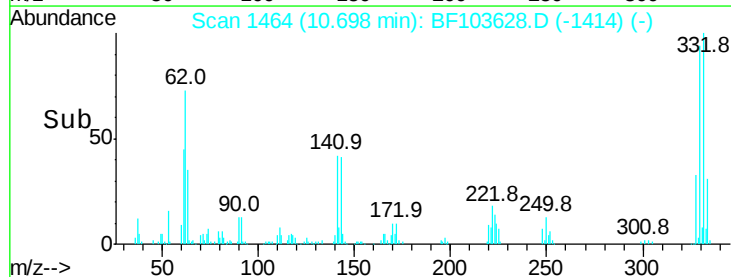
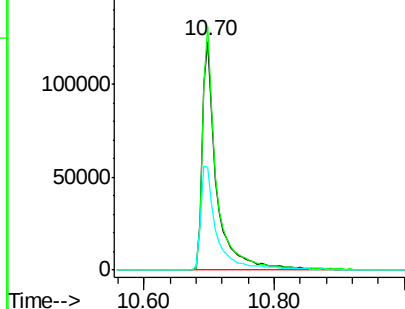


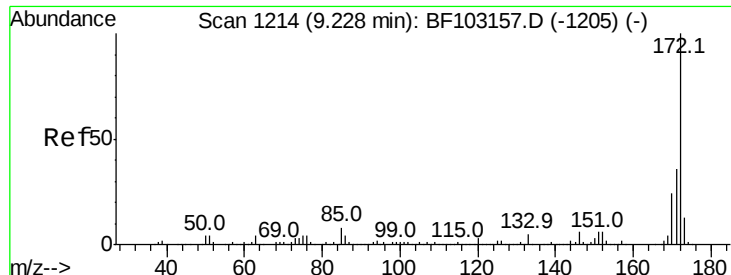
#41
 2,4,6-Tribromophenol
 Concen: 84.572 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103628.D
 Acq: 14 Mar 2018 4:09

Tgt Ion:330 Resp: 189419
 Ion Ratio Lower Upper
 330 100
 332 101.5 77.0 115.6
 141 49.9 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



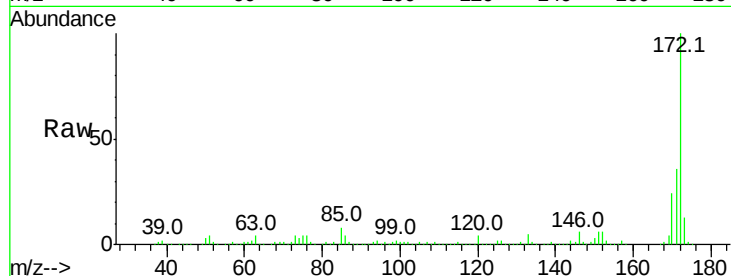


#44
 2-Fluorobiphenyl
 Concen: 109.760 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103628.D
 Acq: 14 Mar 2018 4:09

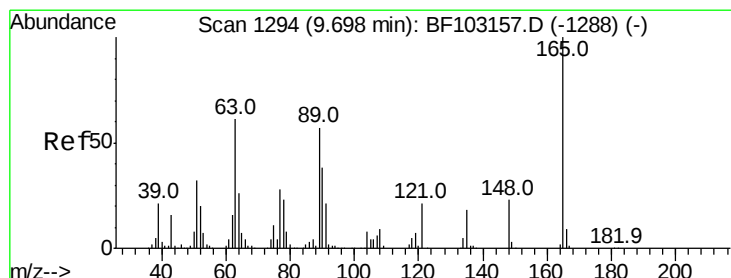
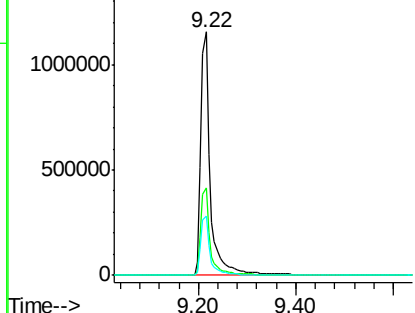
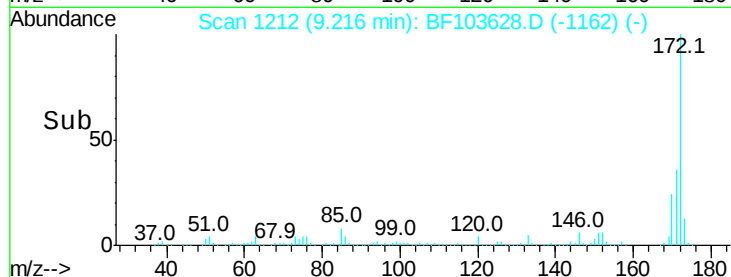
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1573940

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4



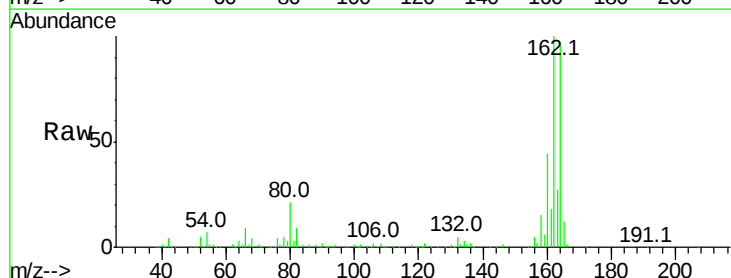
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



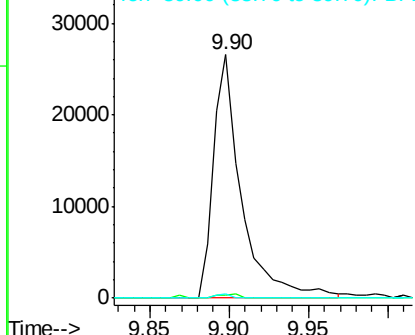
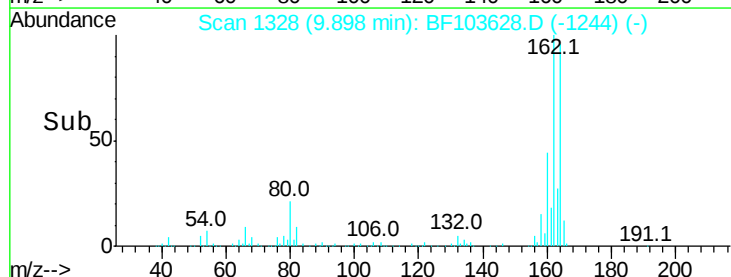
#50
 2,6-Dinitrotoluene
 Concen: 7.321 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.19 min
 Lab File: BF103628.D
 Acq: 14 Mar 2018 4:09

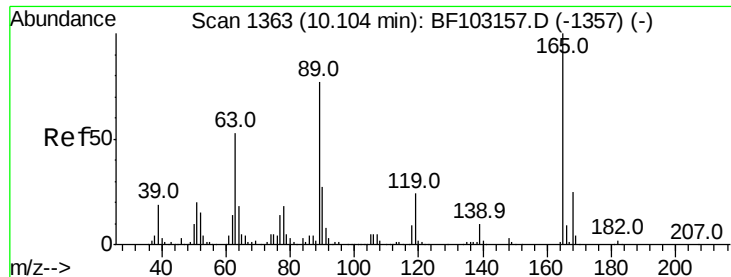
Tgt Ion:165 Resp: 32613

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.6	44.0	66.0#



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

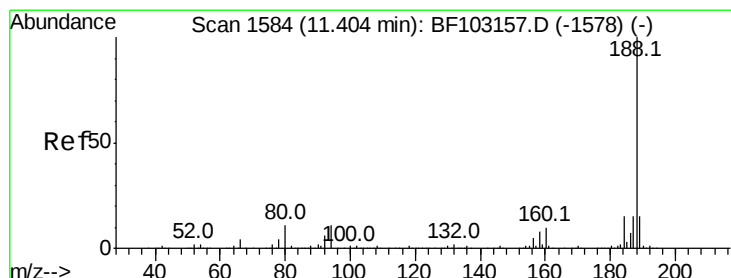
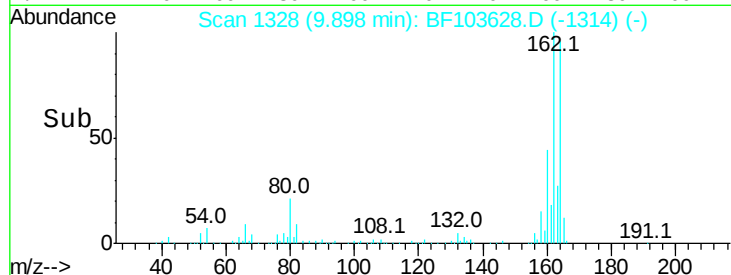
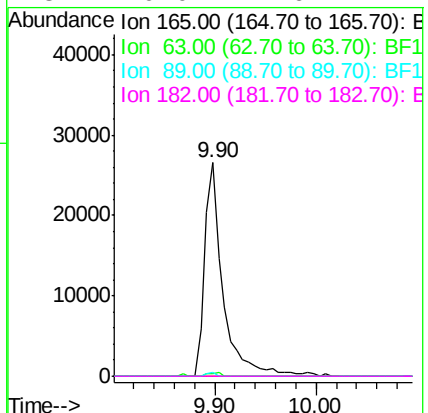
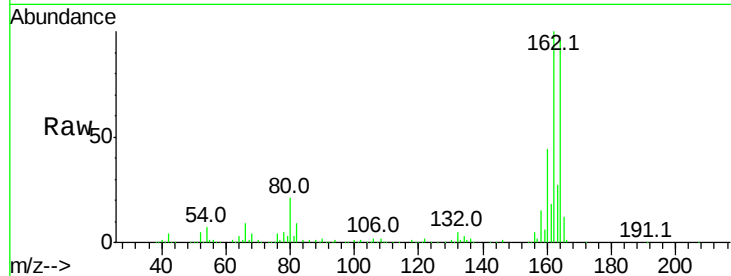




#56
 2,4-Dinitrotoluene
 Concen: 5.929 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103628.D
 Acq: 14 Mar 2018 4:09

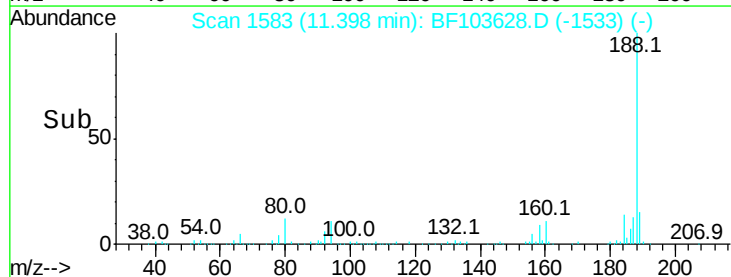
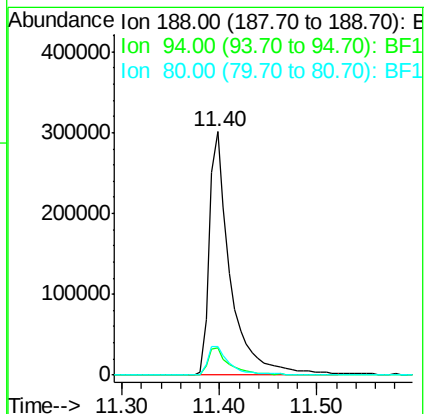
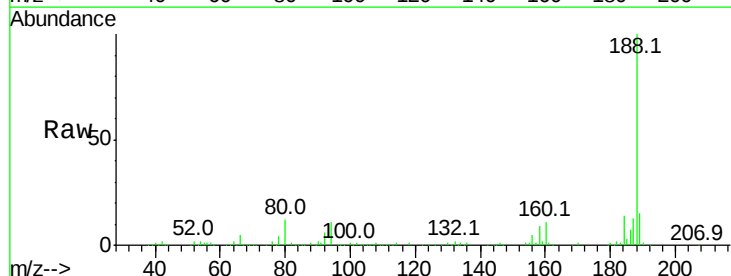
Instrument :
 BNA_F
 ClientSampleId :

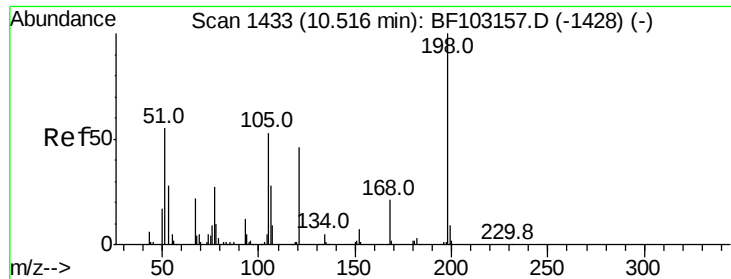
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103628.D
 Acq: 14 Mar 2018 4:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.7	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.026 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.16 min

Lab File: BF103628.D

Acq: 14 Mar 2018 4:09

Instrument :

BNA_F

ClientSampled :

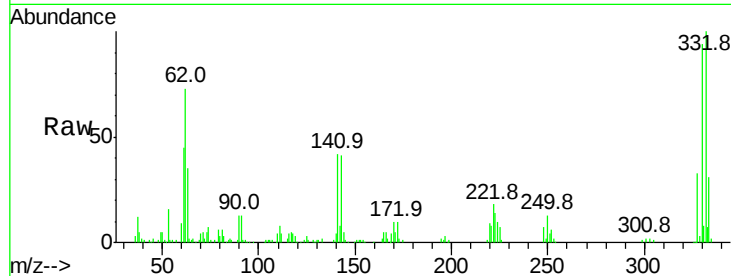
Tot Ion:198 Resp: 245

Ion Ratio Lower Upper

198 100

51 37.9 37.7 77.7

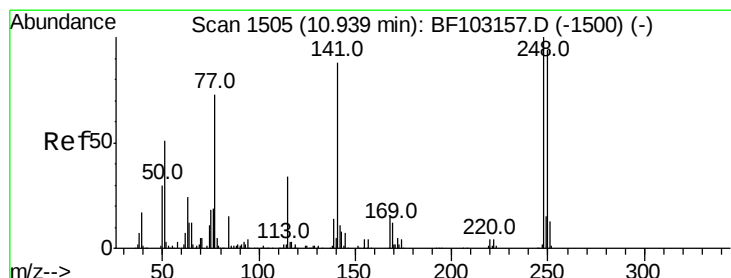
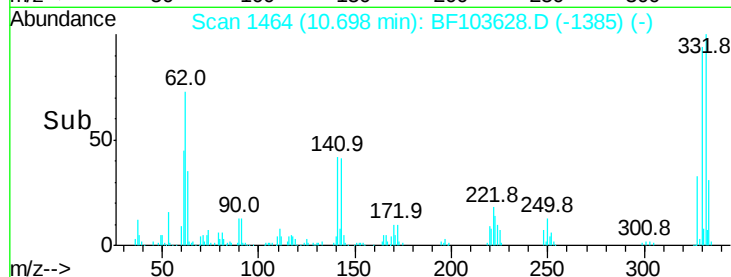
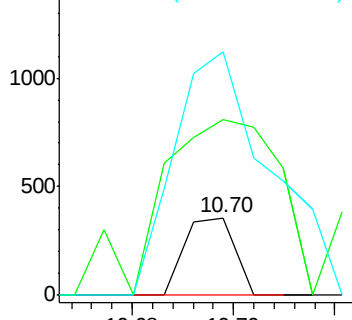
105 52.5 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.889 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.24 min

Lab File: BF103628.D

Acq: 14 Mar 2018 4:09

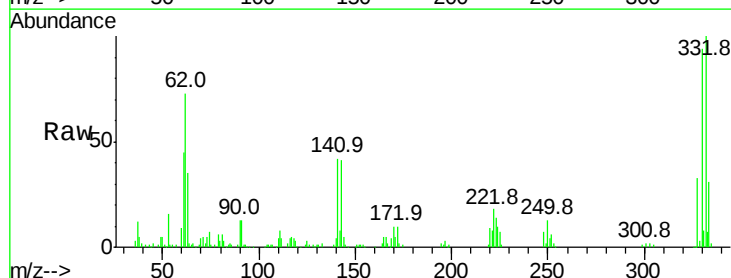
Tgt Ion:248 Resp: 13546

Ion Ratio Lower Upper

248 100

250 187.0 76.9 115.3#

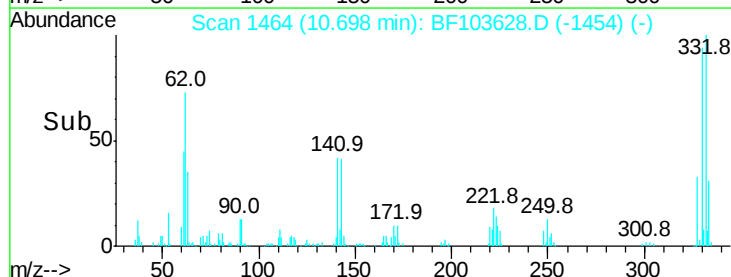
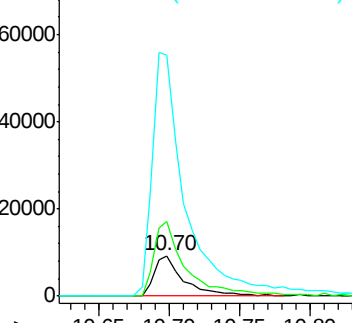
141 600.0 74.4 111.6#

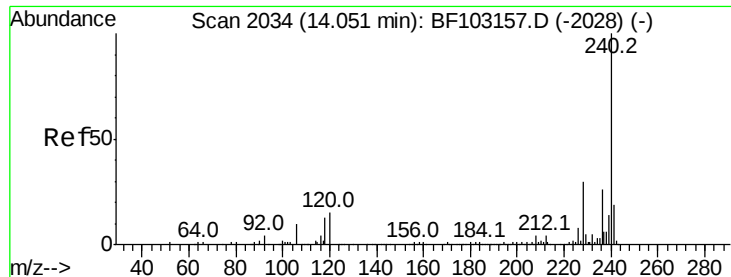


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103628.D

Acq: 14 Mar 2018 4:09

Instrument :

BNA_F

ClientSampleId :

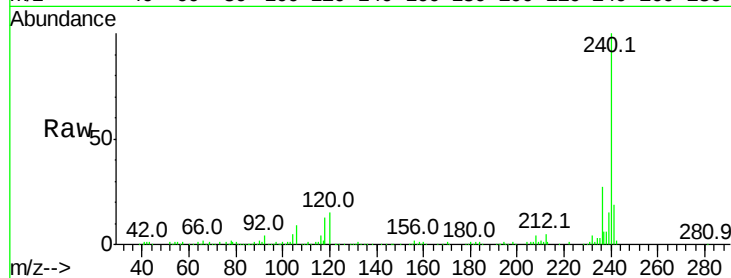
Tot Ion:240 Resp: 264469

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

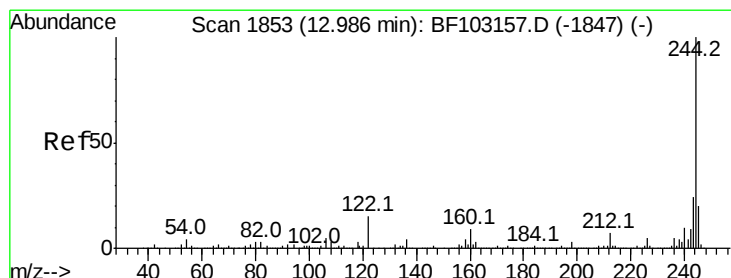
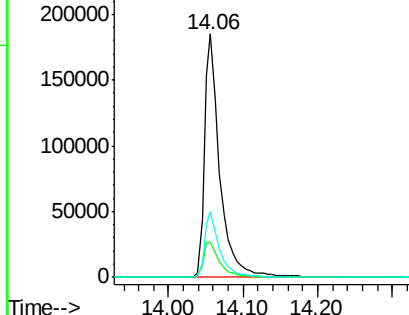
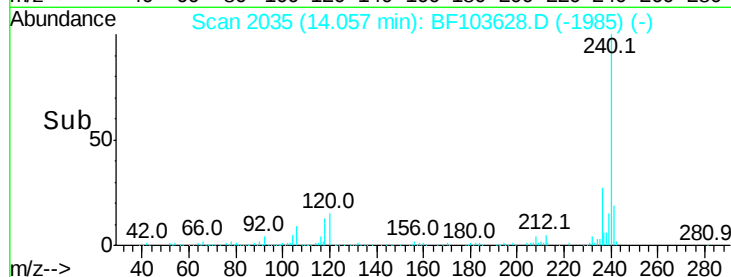
236 27.1 20.7 31.1



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: 96.926 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103628.D

Acq: 14 Mar 2018 4:09

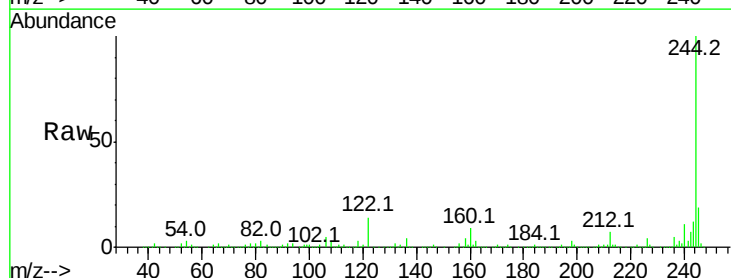
Tgt Ion:244 Resp: 1066367

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

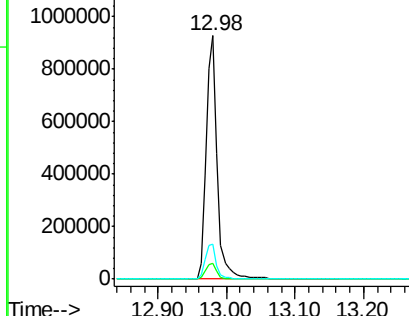
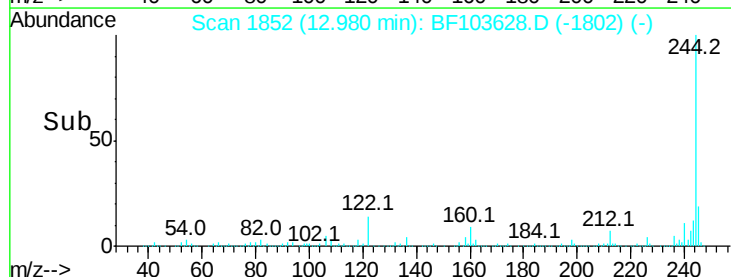
122 14.3 11.0 16.4

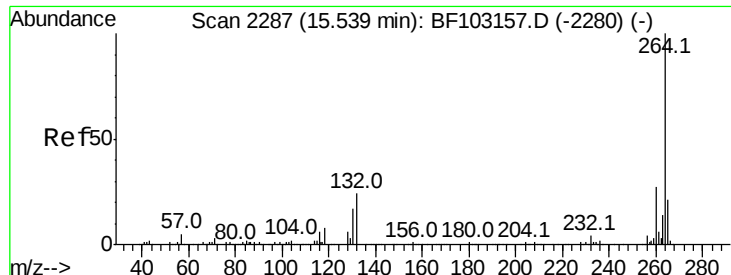


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



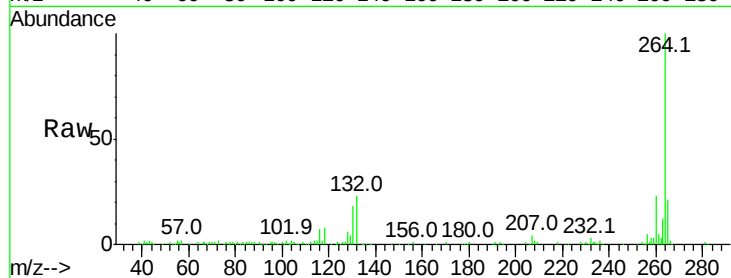


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103628.D
Acq: 14 Mar 2018 4:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 244663

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.4	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

