

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121817\
 Data File : BF101509.D
 Acq On : 19 Dec 2017 5:38
 Operator : SJ/JU
 Sample : I6910-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121317-DBRI-E-D-M

Quant Time: Dec 19 07:07:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

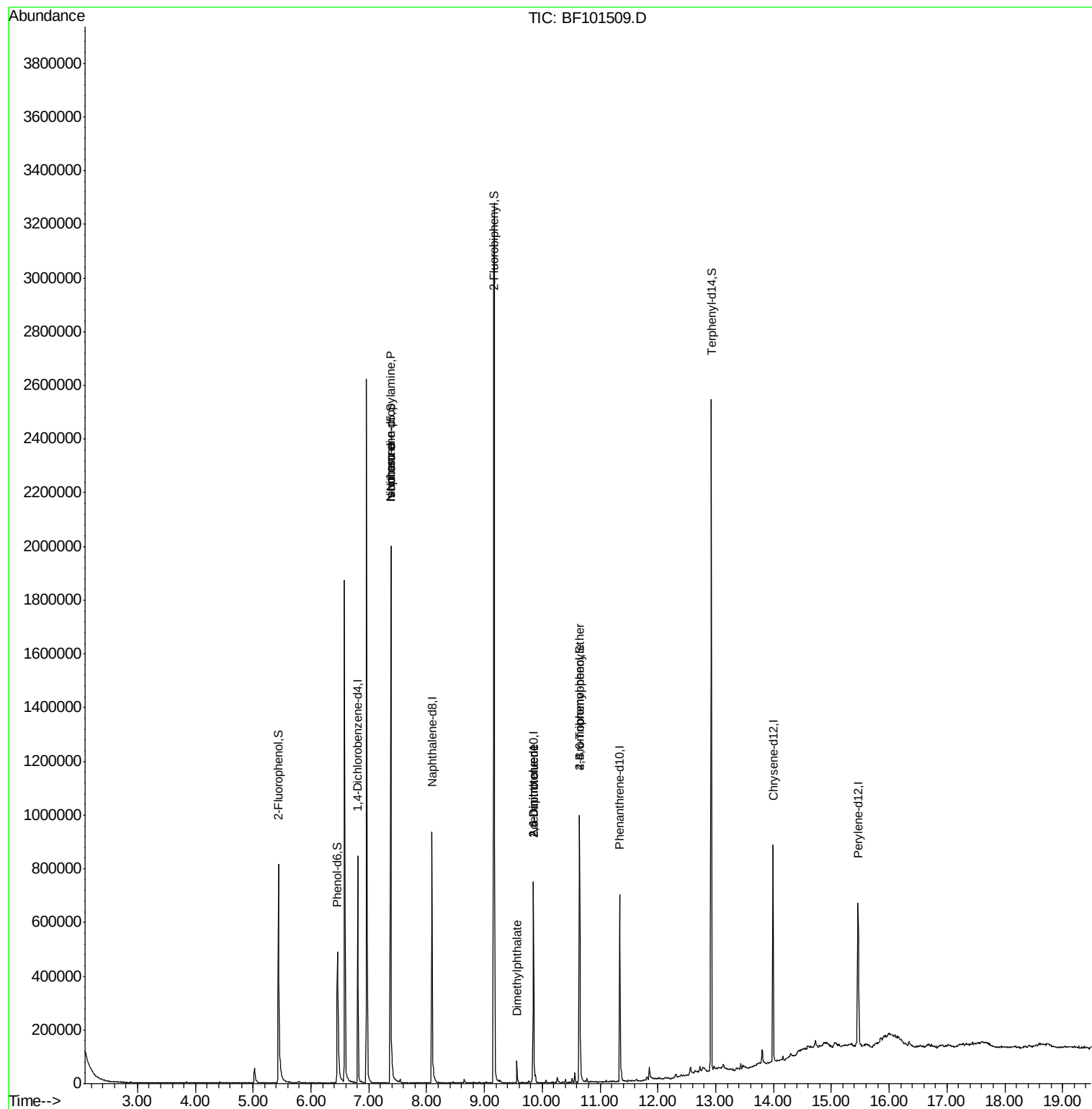
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126818	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	457936	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	162636	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	260478	20.00	ng	0.00
75) Chrysene-d12	13.99	240	291299	20.00	ng	0.00
86) Perylene-d12	15.46	264	270537	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	316021	37.12	ng	0.01
7) Phenol-d6	6.46	99	225445	21.28	ng	0.00
23) Nitrobenzene-d5	7.38	82	689961	83.87	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	132103	84.30	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1123472	107.16	ng	0.00
78) Terphenyl-d14	12.92	244	868660	71.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	91454	13.14	ng	# 80
25) Isophorone	7.38	82	689953	41.81	ng	# 64
49) Dimethylphthalate	9.56	163	35031	2.68	ng	97
50) 2,6-Dinitrotoluene	9.85	165	20903	7.86	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	20903	6.98	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	8373	2.86	ng	# 1

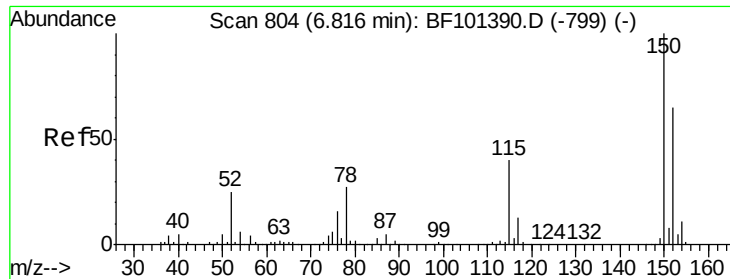
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121817\
Data File : BF101509.D
Acq On : 19 Dec 2017 5:38
Operator : SJ/JU
Sample : I6910-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
121317-DBRI-E-D-M

Quant Time: Dec 19 07:07:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-D-M

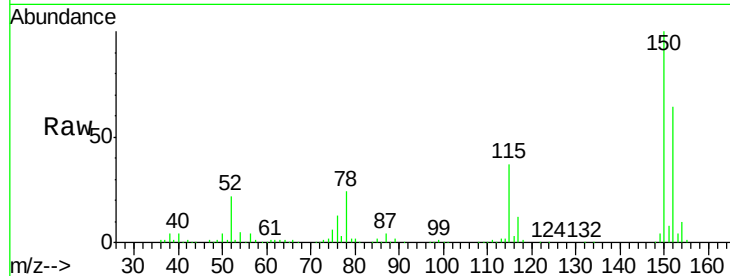
Tot Ion:152 Resp: 126818

Ion Ratio Lower Upper

152 100

150 156.3 124.6 186.8

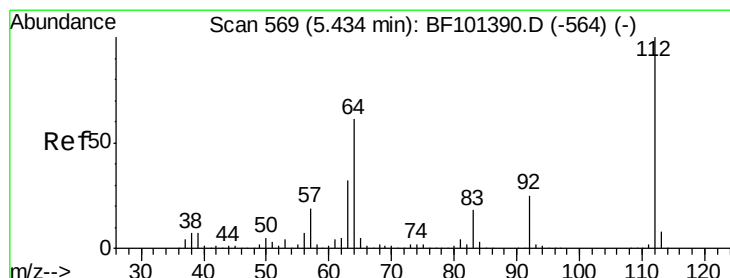
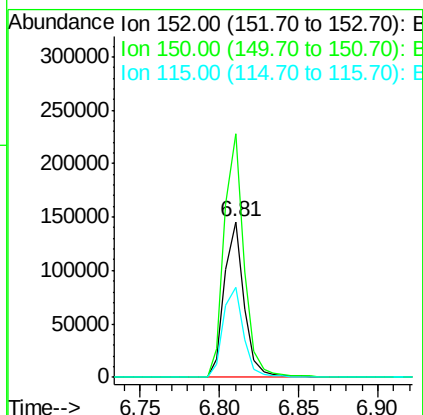
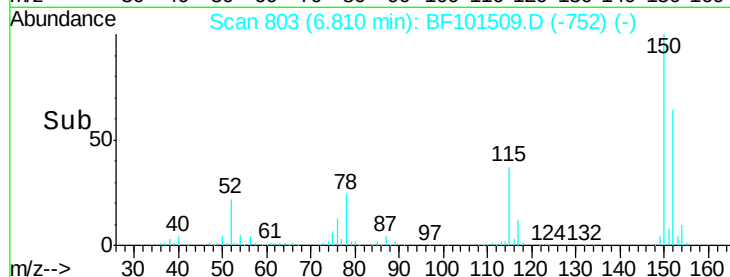
115 57.8 50.1 75.1



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: 37.12 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

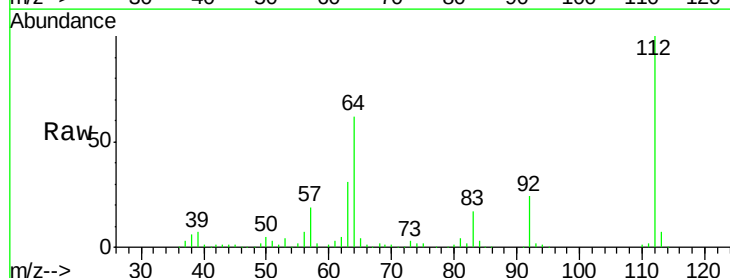
Tgt Ion:112 Resp: 316021

Ion Ratio Lower Upper

112 100

64 61.6 47.9 71.9

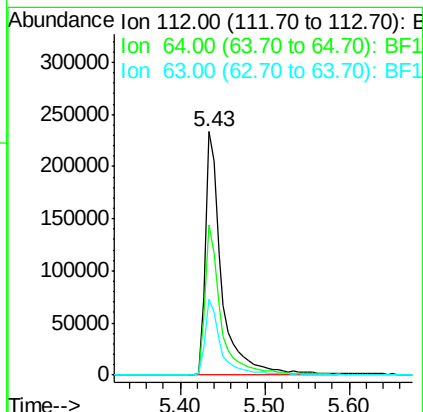
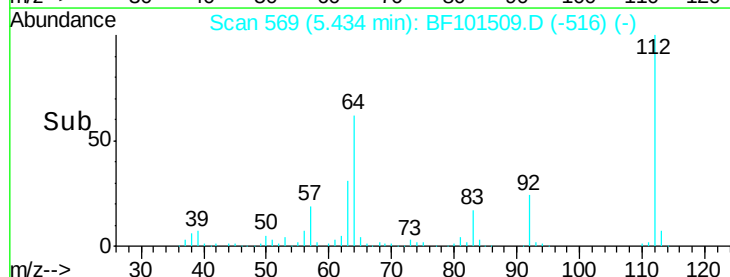
63 31.4 23.7 35.5

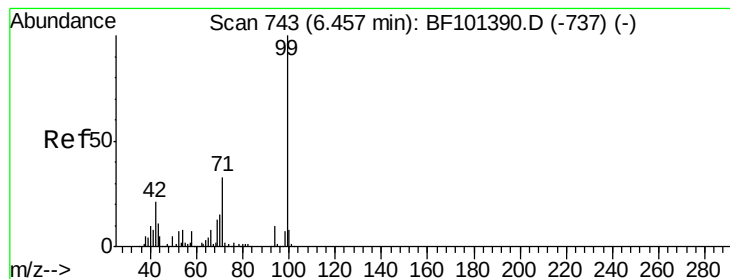


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 21.28 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-D-M

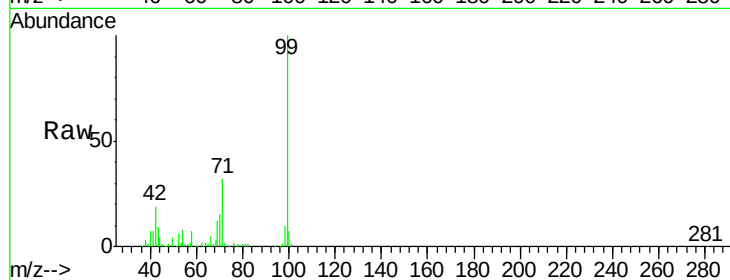
Tot Ion: 99 Resp: 225445

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

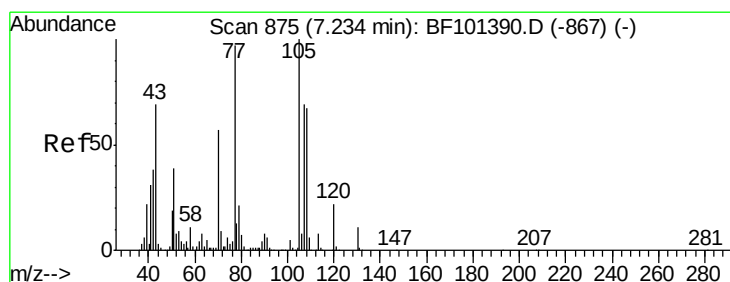
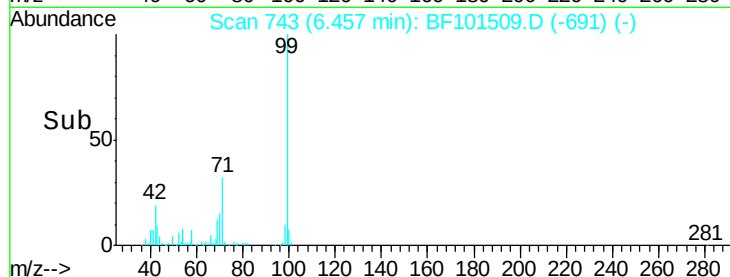
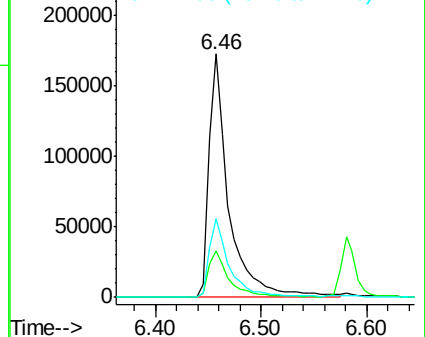
71 32.2 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.14 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

Tgt Ion: 70 Resp: 91454

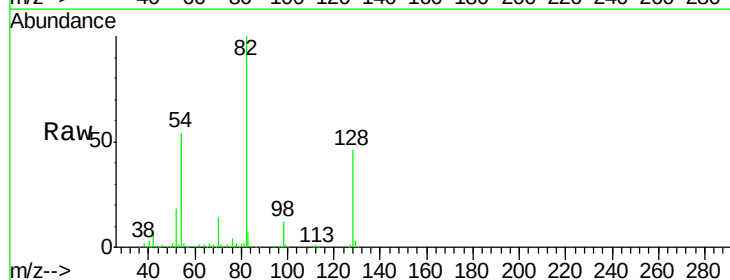
Ion Ratio Lower Upper

70 100

42 50.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

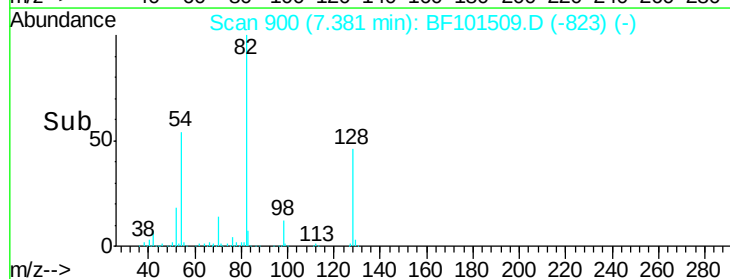
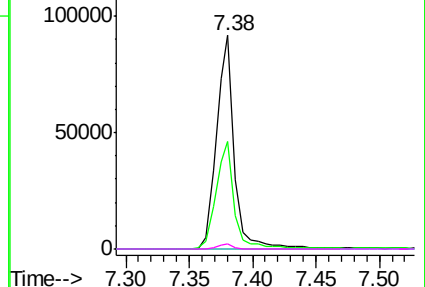


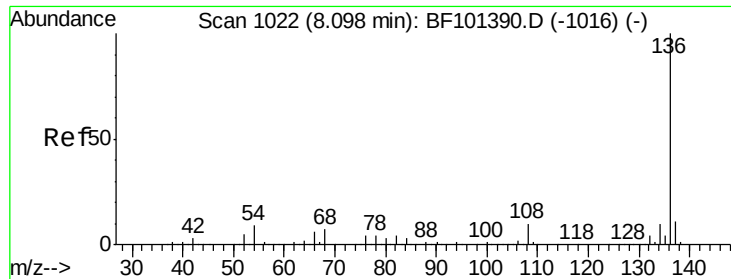
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

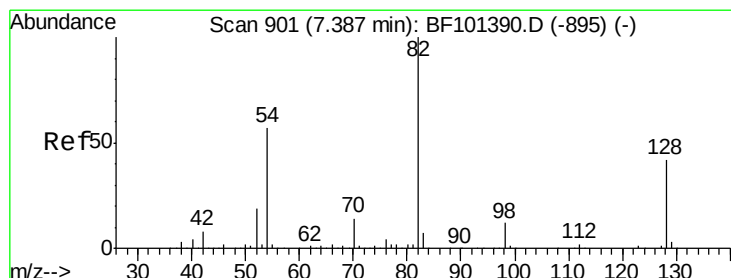
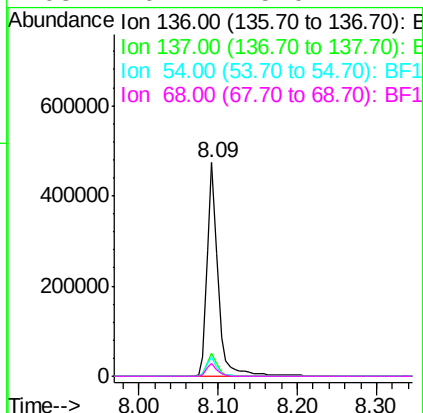
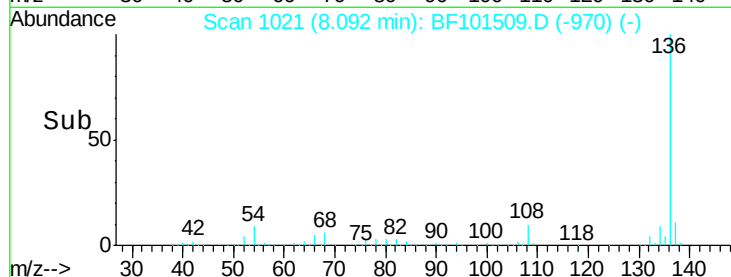
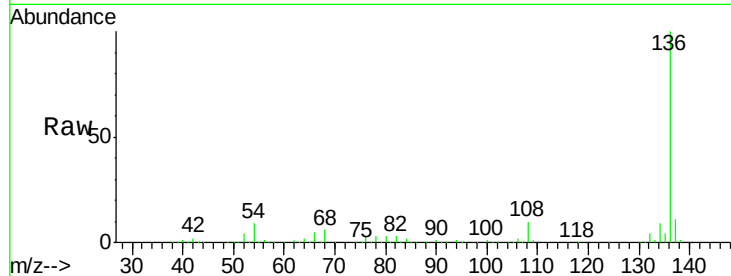




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101509.D
Acq: 19 Dec 2017 5:38

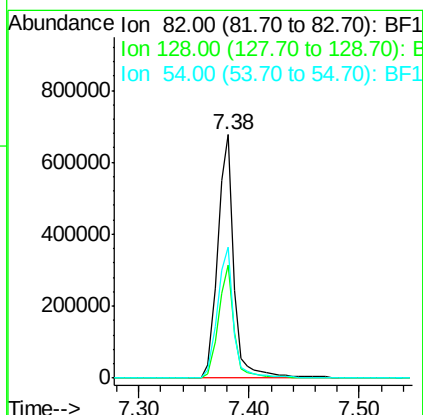
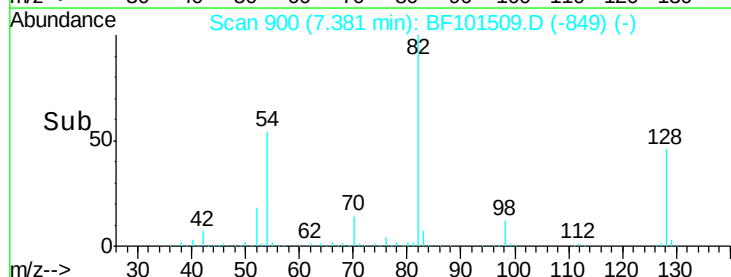
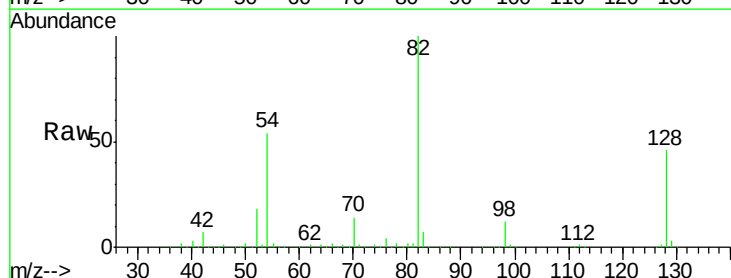
Instrument :
BNA_F
ClientSampleId :
121317-DBRI-E-D-M

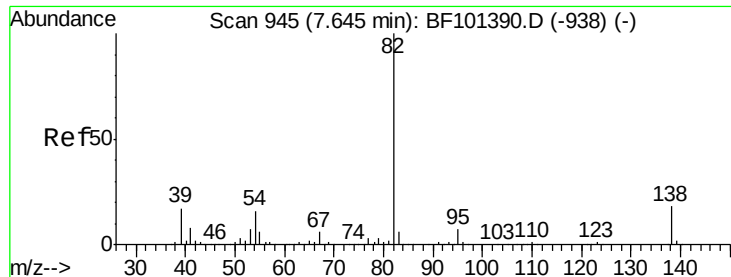
Tot Ion:136	Resp:	457936
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 8.7	6.6	9.8
68 6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 83.87 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101509.D
Acq: 19 Dec 2017 5:38

Tgt Ion: 82	Resp:	689961
Ion Ratio	Lower	Upper
82 100		
128 46.2	36.1	54.1
54 53.7	41.4	62.2





#25

Isophorone

Concen: 41.81 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-D-M

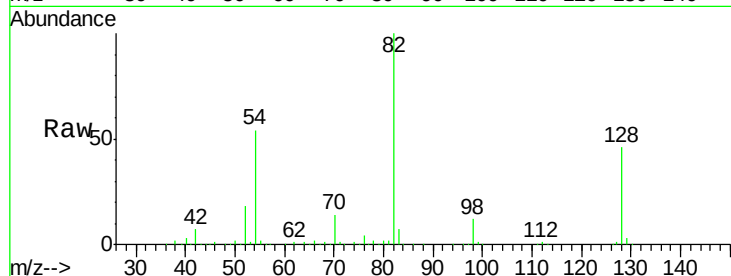
Tot Ion: 82 Resp: 689953

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

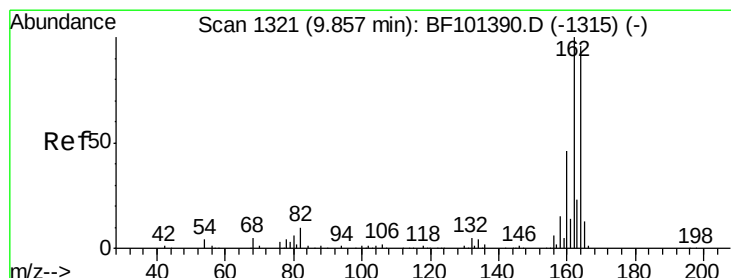
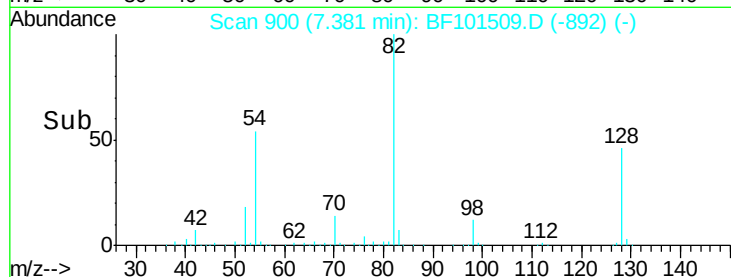
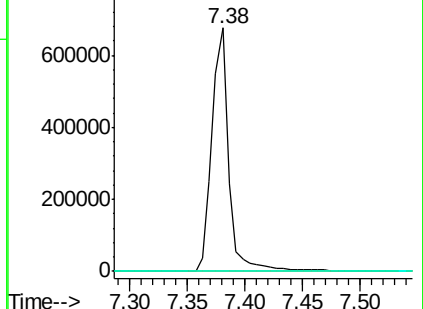
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

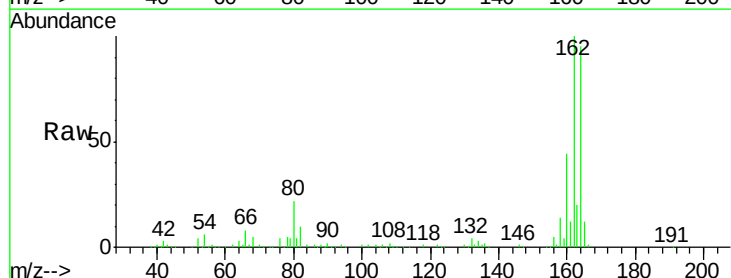
Tgt Ion: 164 Resp: 162636

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

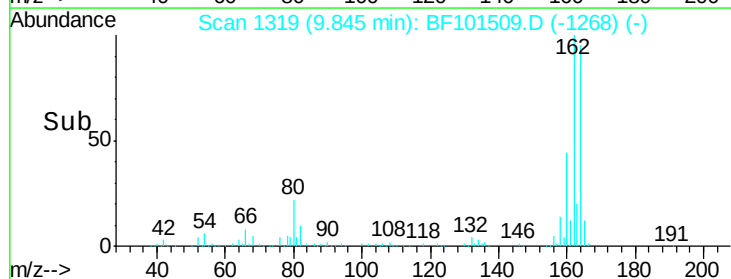
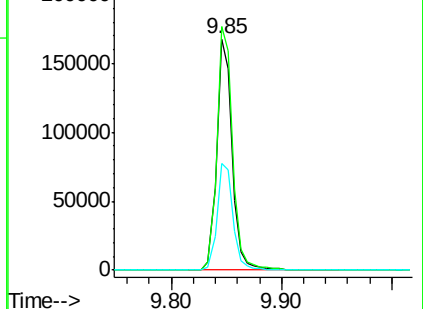
160 46.4 38.3 57.5

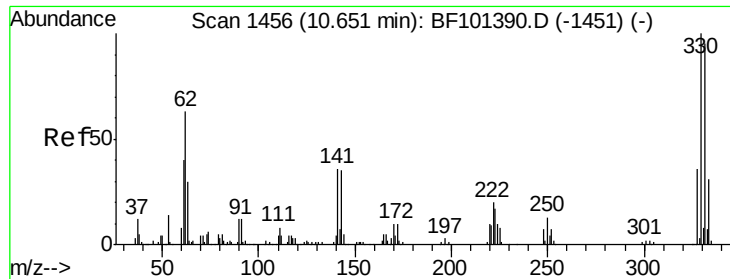


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

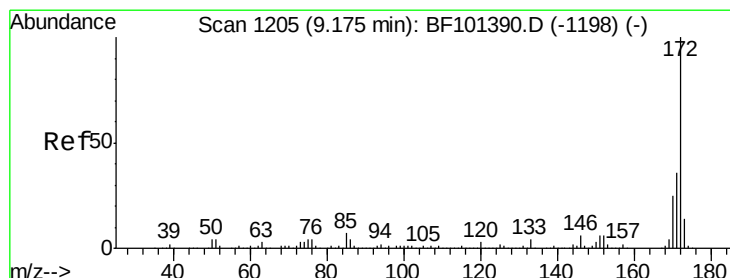
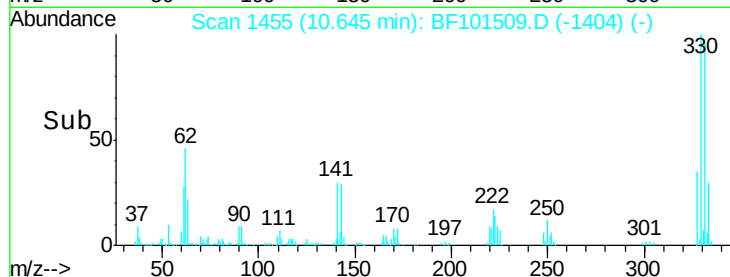
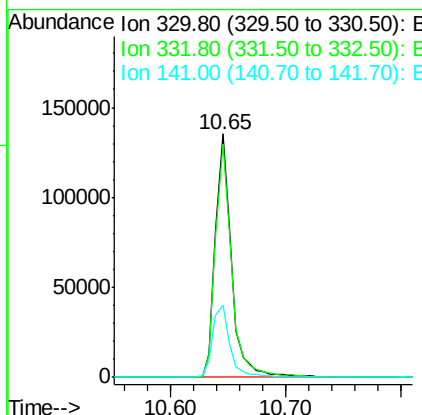
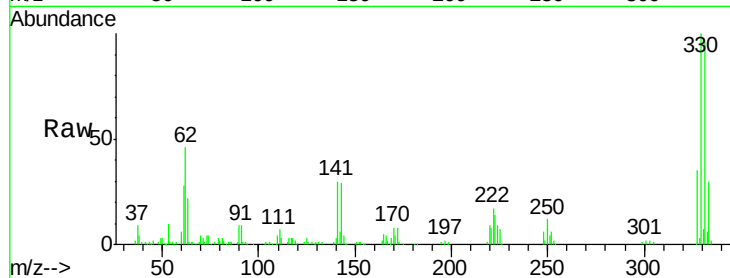




#41
 2,4,6-Tribromophenol
 Concen: 84.30 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101509.D
 Acq: 19 Dec 2017 5:38

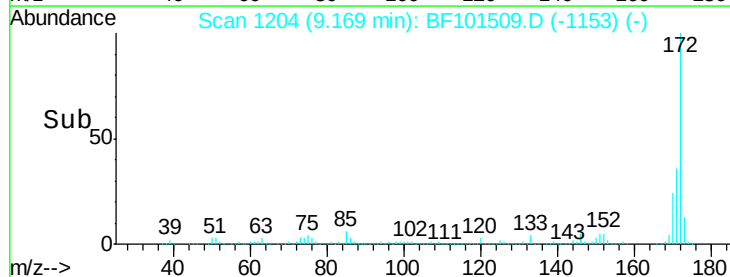
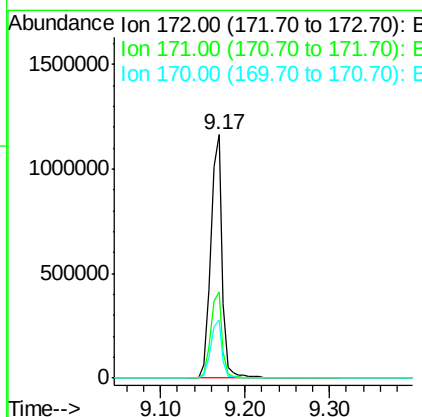
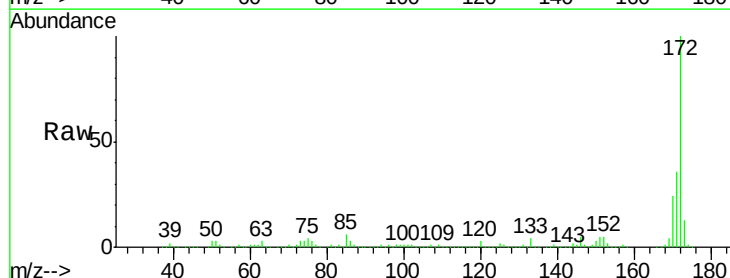
Instrument :
 BNA_F
 ClientSampleId :
 121317-DBRI-E-D-M

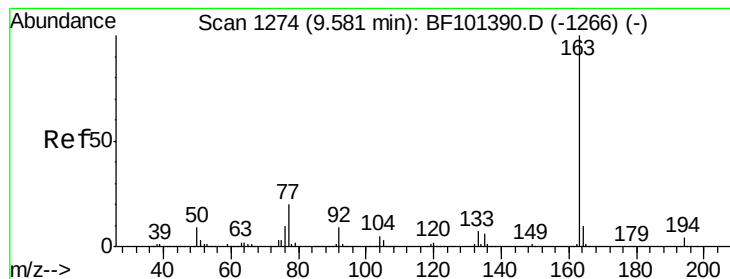
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 107.16 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF101509.D
 Acq: 19 Dec 2017 5:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.9	19.6	29.4





#49

Dimethylphthalate

Concen: 2.68 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-D-M

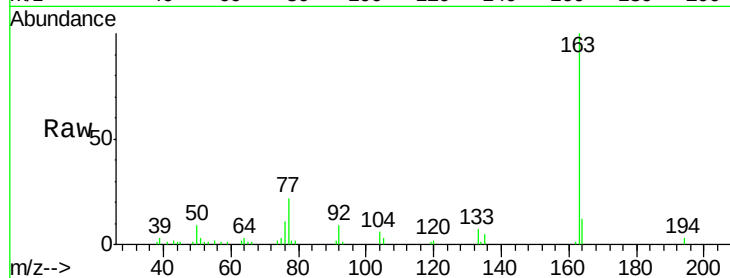
Tot Ion:163 Resp: 35031

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

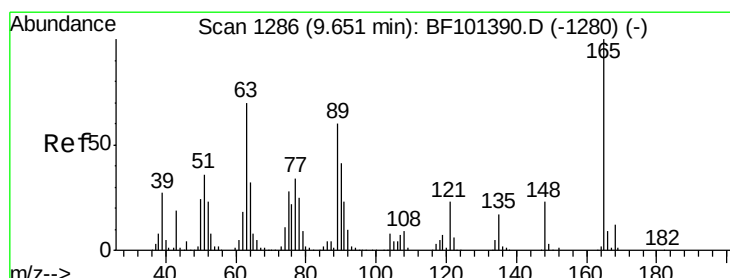
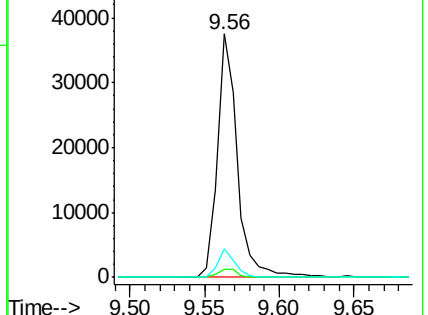
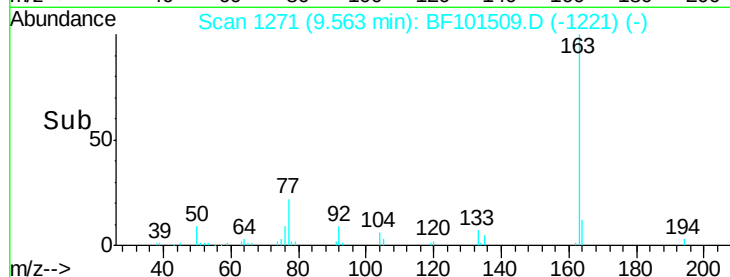
164 11.6 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.86 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.20 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

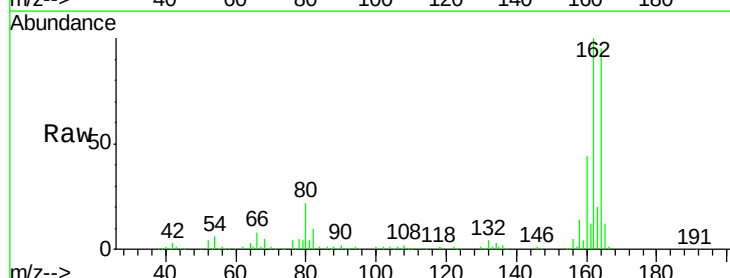
Tgt Ion:165 Resp: 20903

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

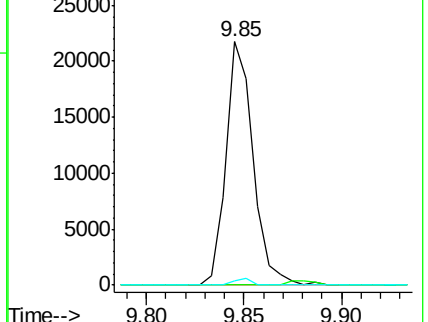
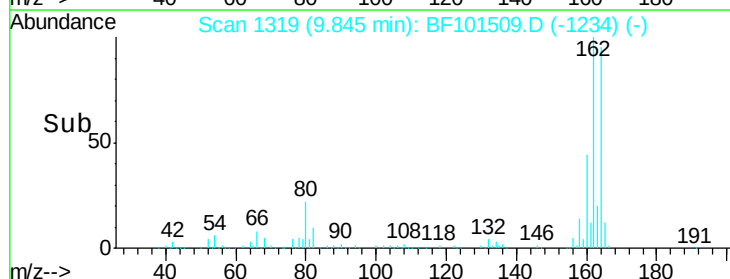
89 1.7 44.0 66.0#

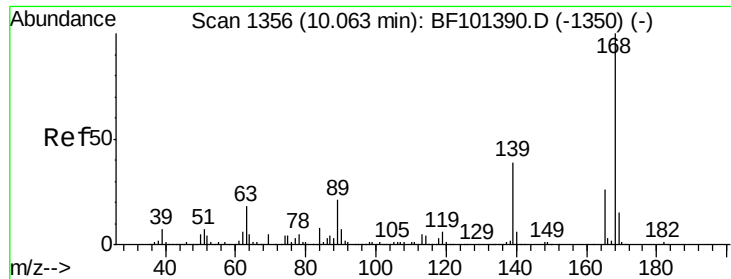


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

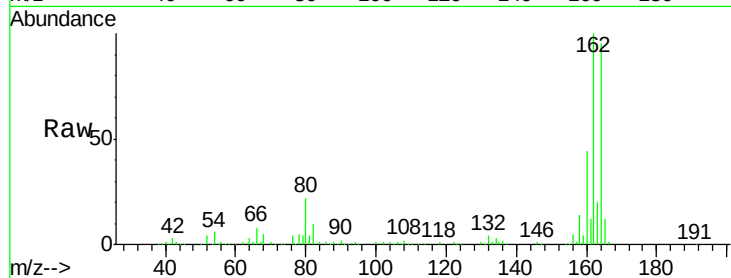




#56
 2,4-Dinitrotoluene
 Concen: 6.98 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101509.D
 Acq: 19 Dec 2017 5:38

Instrument :
 BNA_F
 ClientSampleId :
 121317-DBRI-E-D-M

Tot Ion:	165	Resp:	20903
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

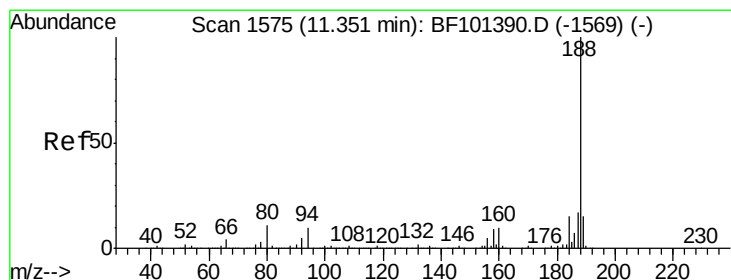
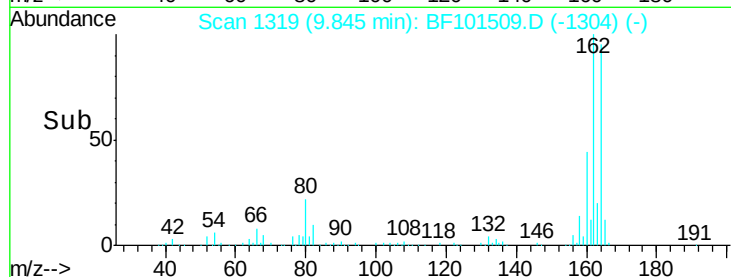
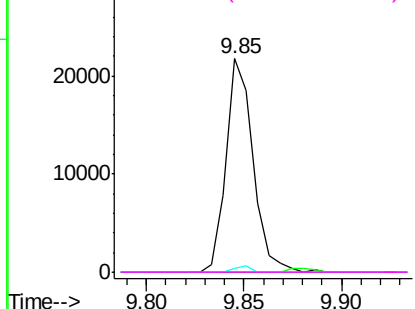


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

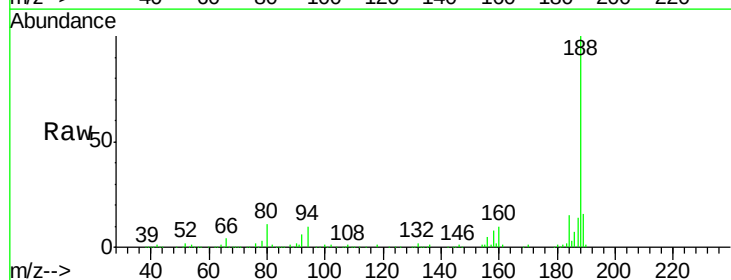
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF101509.D
 Acq: 19 Dec 2017 5:38

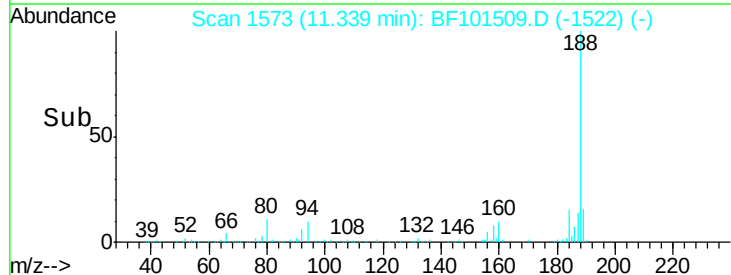
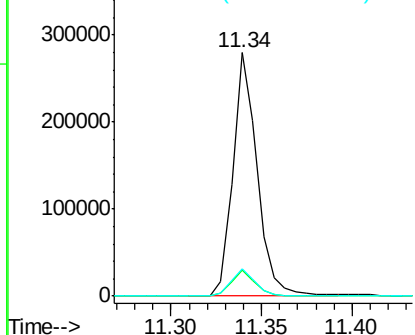
Tgt Ion:	188	Resp:	260478
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8

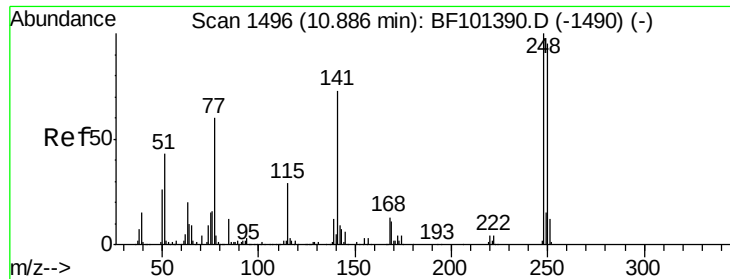


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

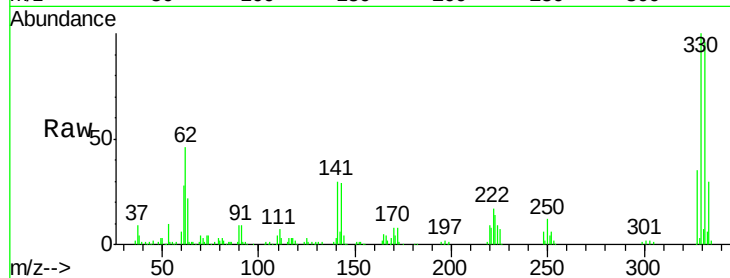




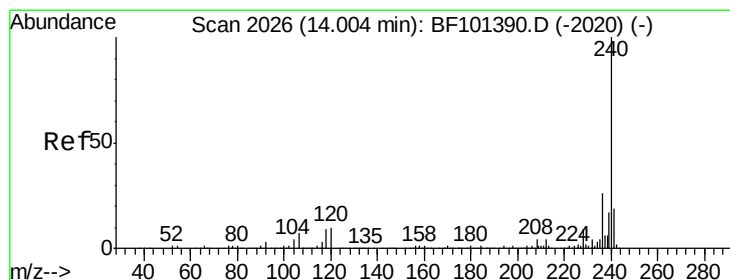
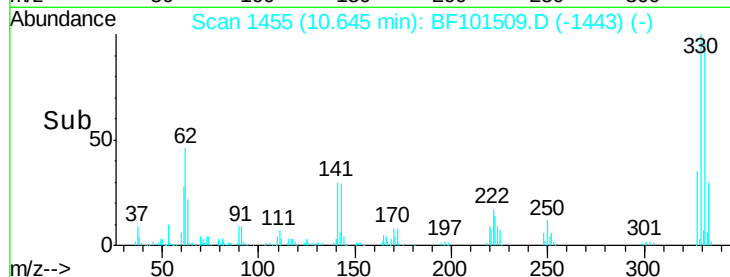
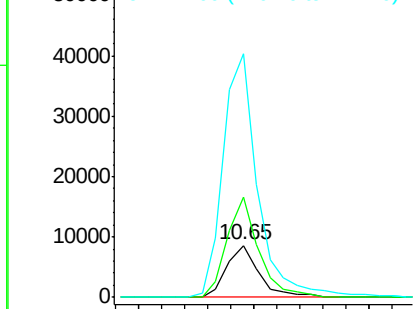
#66
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF101509.D
Acq: 19 Dec 2017 5:38

Instrument :
BNA_F
ClientSampleId :
121317-DBRI-E-D-M

Tot Ion:248 Resp: 8373
Ion Ratio Lower Upper
248 100
250 192.7 76.9 115.3#
141 470.9 74.4 111.6#

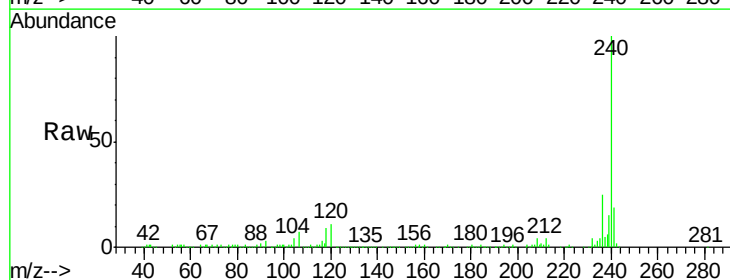


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

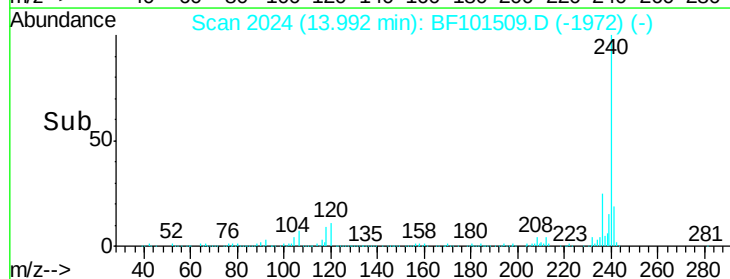
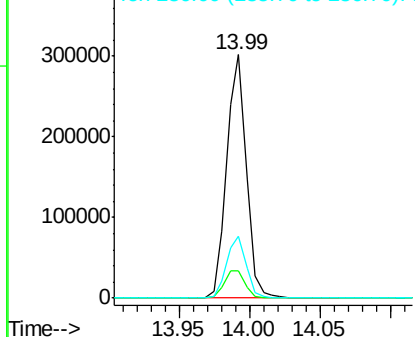


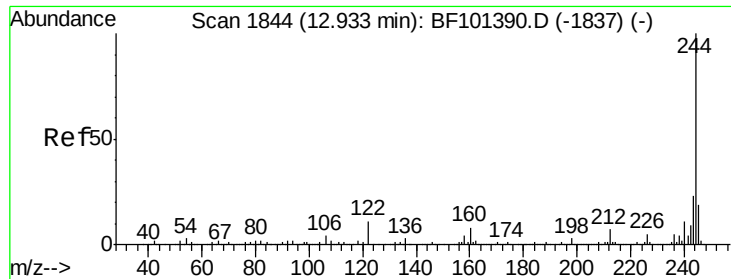
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF101509.D
Acq: 19 Dec 2017 5:38

Tgt Ion:240 Resp: 291299
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 25.4 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: 71.89 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-D-M

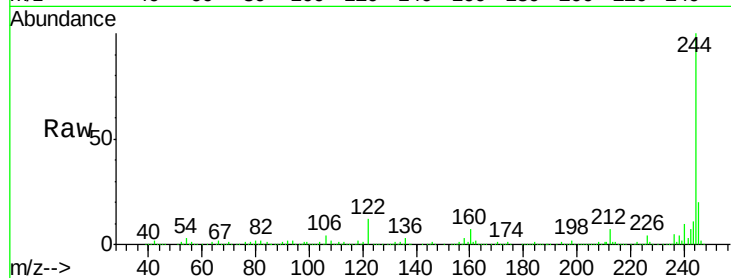
Tot Ion:244 Resp: 868660

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

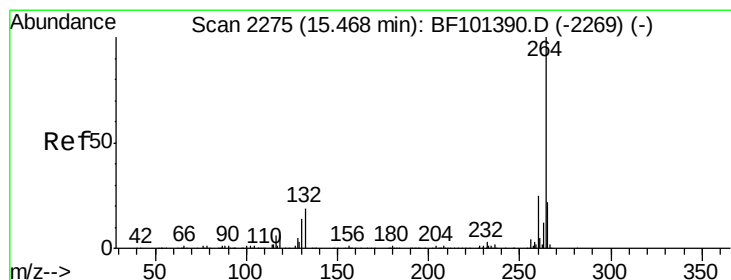
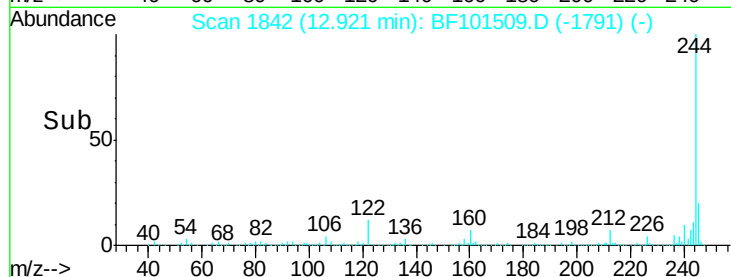
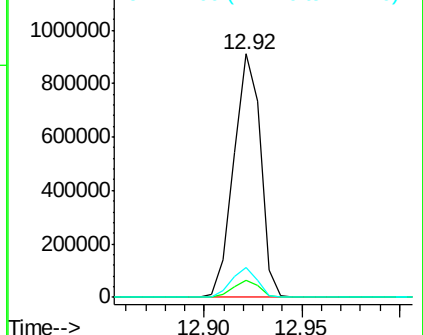
122 12.1 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

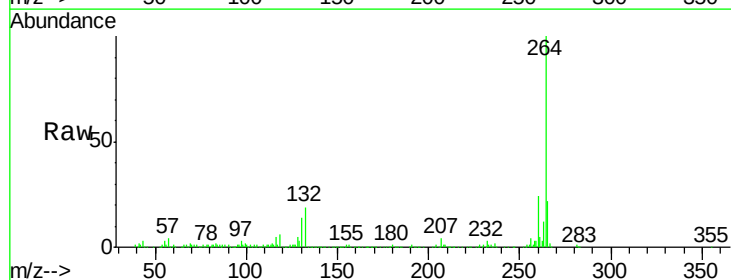
Tgt Ion:264 Resp: 270537

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.3 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

