

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121817\
 Data File : BF101510.D
 Acq On : 19 Dec 2017 6:04
 Operator : SJ/JU
 Sample : I6910-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Dec 19 07:07:38 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

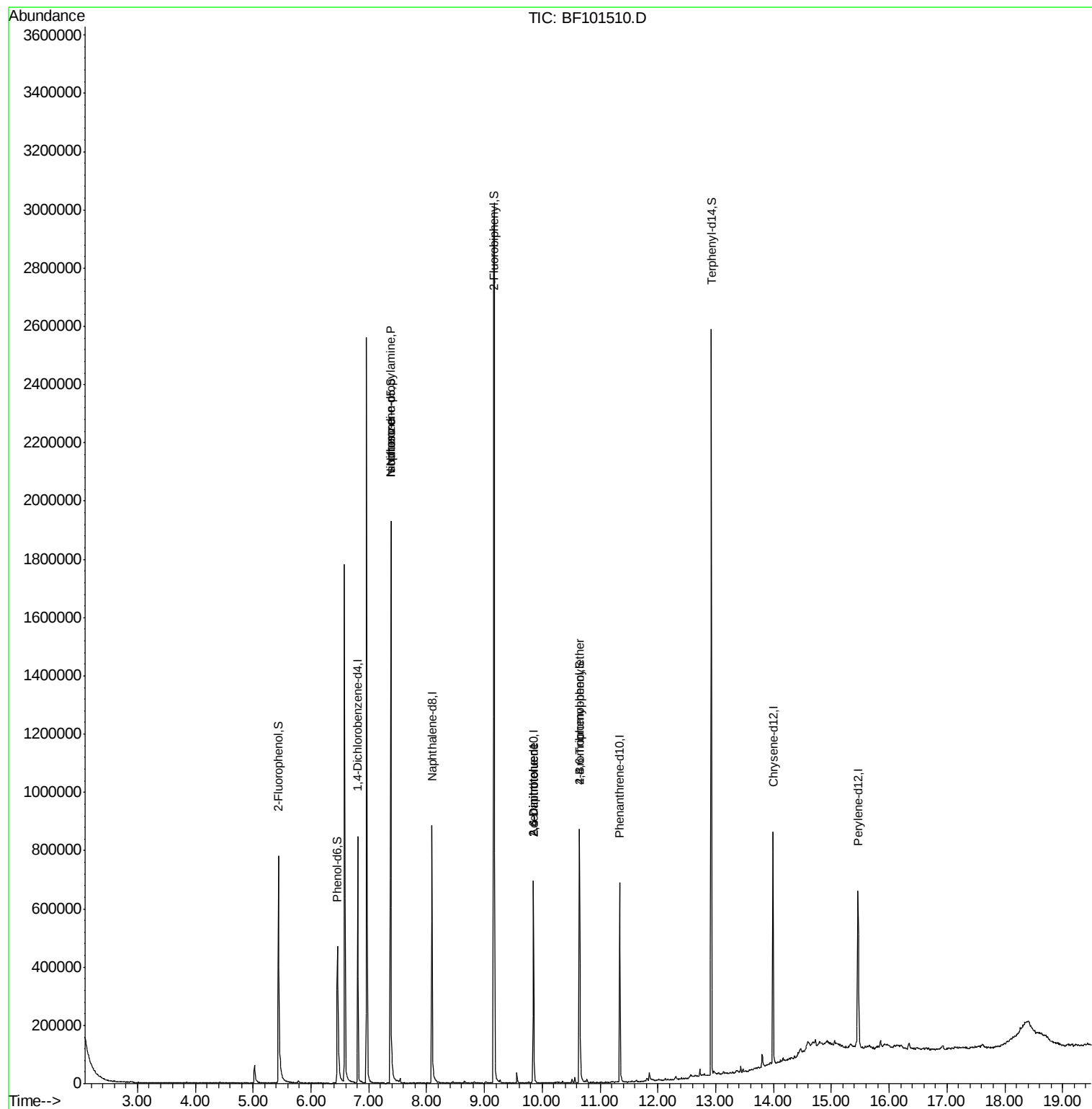
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125358	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	443341	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	154689	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	253434	20.00	ng	0.00
75) Chrysene-d12	13.99	240	294910	20.00	ng	0.00
86) Perylene-d12	15.46	264	271552	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	317180	37.69	ng	0.01
7) Phenol-d6	6.46	99	224855	21.47	ng	0.00
23) Nitrobenzene-d5	7.38	82	677488	85.07	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	126495	84.86	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1061203	106.42	ng	0.00
78) Terphenyl-d14	12.92	244	889792	72.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	89721	13.04	ng	# 80
25) Isophorone	7.38	82	677483	42.40	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	19154	7.57	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	19154	6.72	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	7860	2.76	ng	# 1

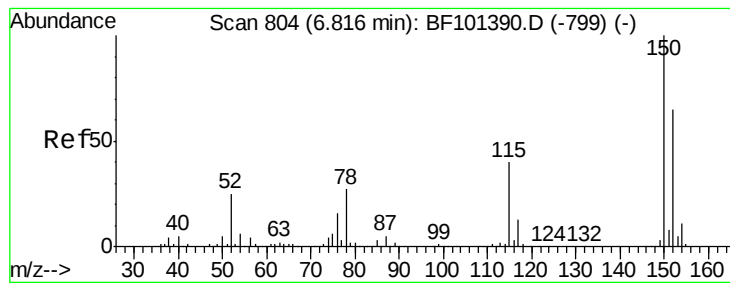
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF101510.D

Acq: 19 Dec 2017 6:04

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-U-M

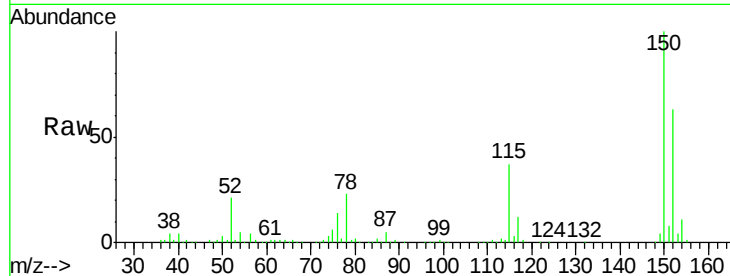
Tot Ion:152 Resp: 125358

Ion Ratio Lower Upper

152 100

150 158.1 124.6 186.8

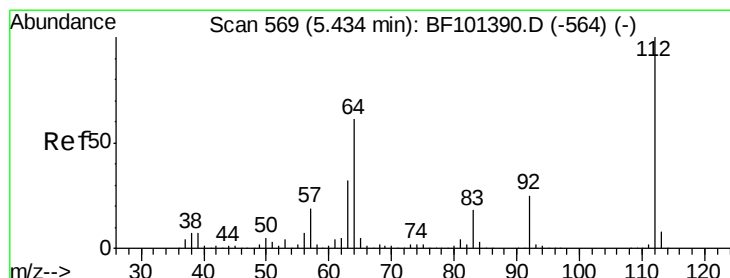
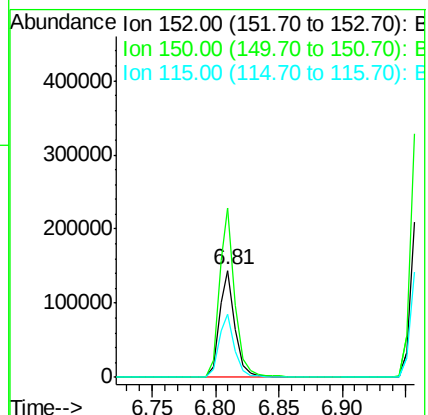
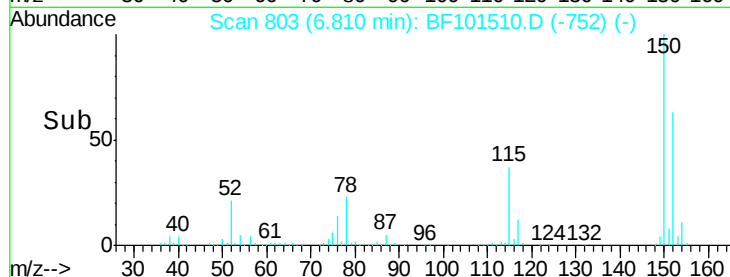
115 59.1 50.1 75.1



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: 37.69 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF101510.D

Acq: 19 Dec 2017 6:04

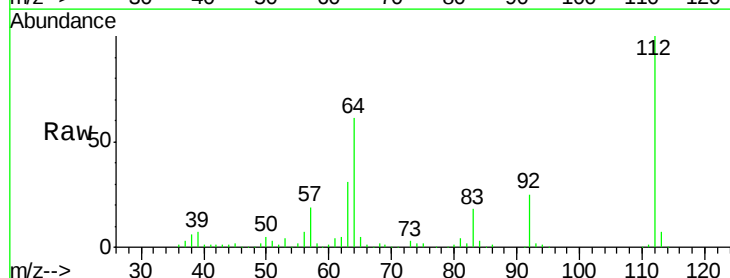
Tgt Ion:112 Resp: 317180

Ion Ratio Lower Upper

112 100

64 61.2 47.9 71.9

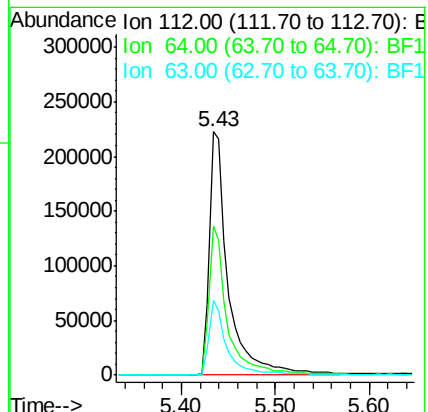
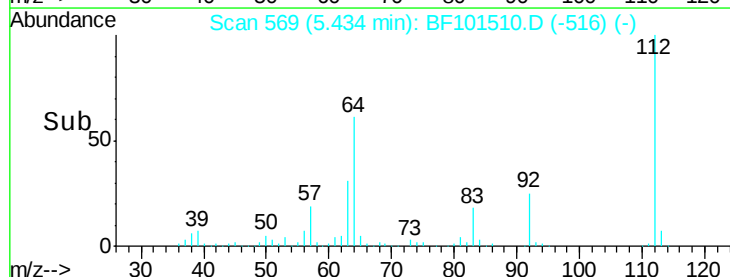
63 30.6 23.7 35.5

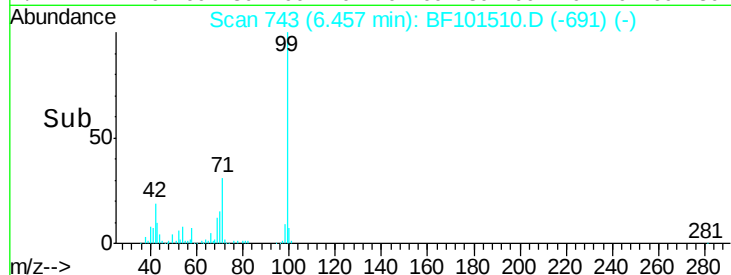
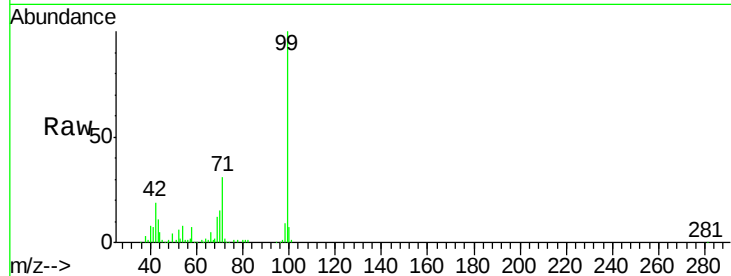
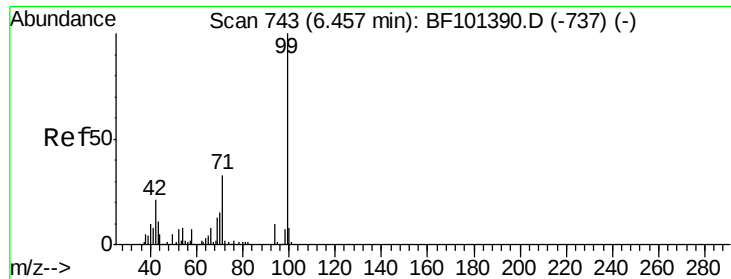


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 21.47 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101510.D

Acq: 19 Dec 2017 6:04

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-U-M

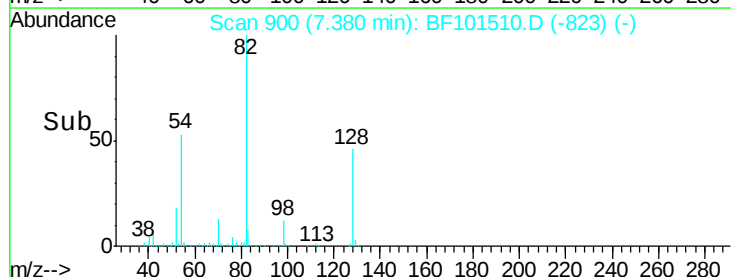
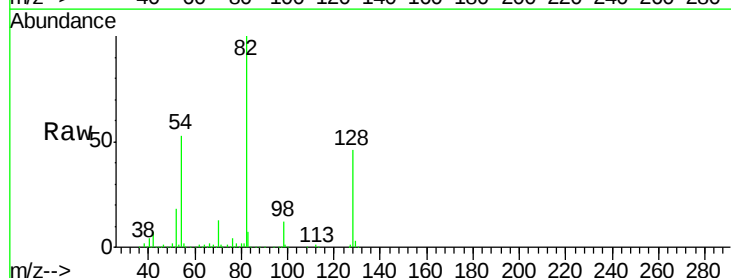
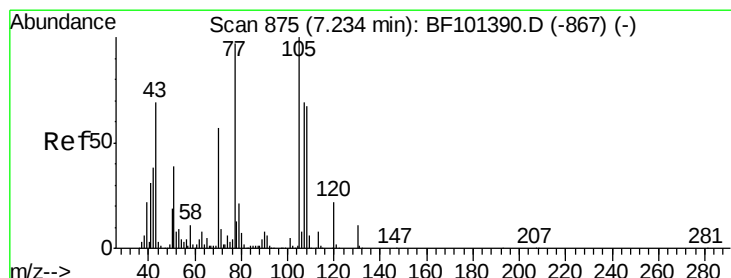
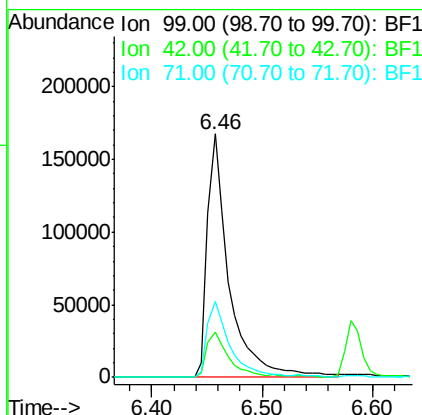
Tot Ion: 99 Resp: 224855

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 31.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.04 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF101510.D

Acq: 19 Dec 2017 6:04

Tgt Ion: 70 Resp: 89721

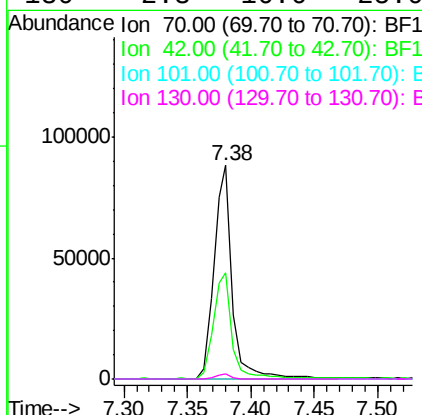
Ion Ratio Lower Upper

70 100

42 49.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

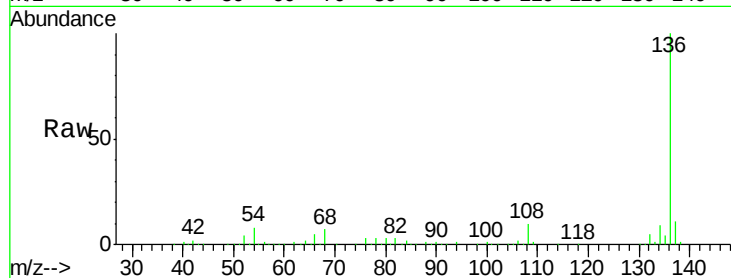




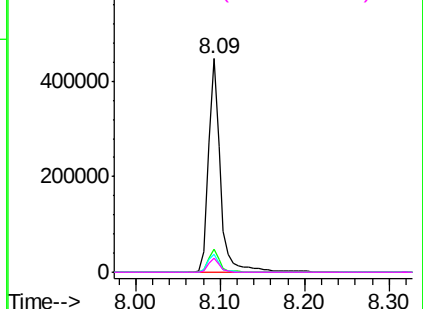
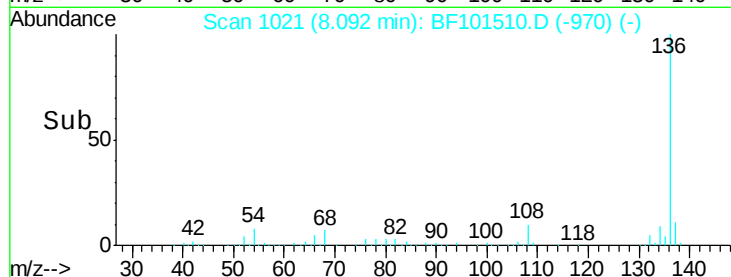
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101510.D
Acq: 19 Dec 2017 6:04

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

Tot Ion:136	Resp:	443341
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	8.4	6.6 9.8
68	6.5	5.0 7.4

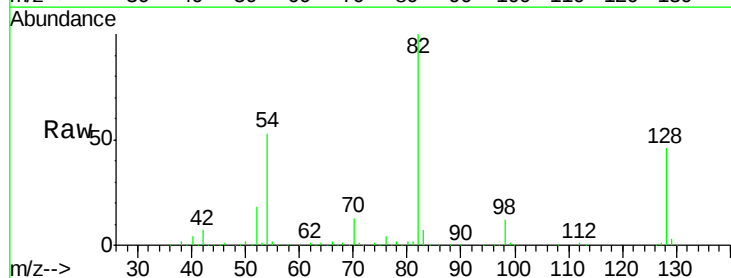


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

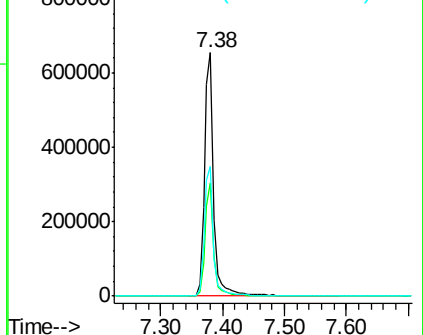
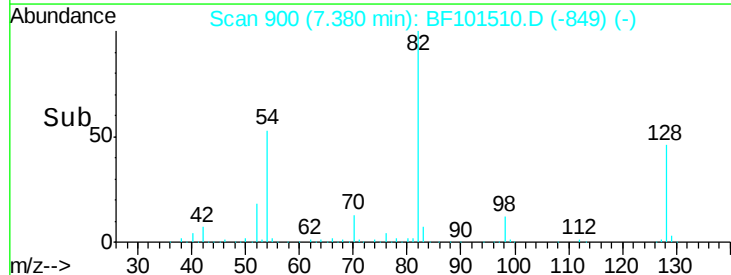


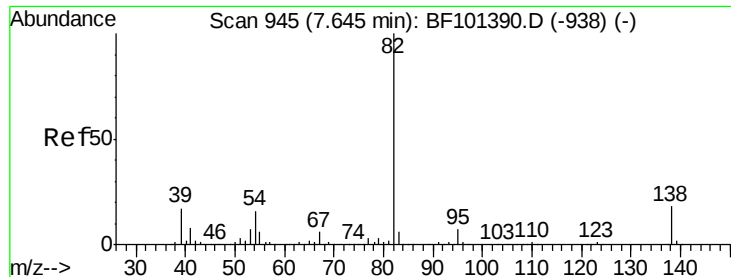
#23
Nitrobenzene-d5
Concen: 85.07 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101510.D
Acq: 19 Dec 2017 6:04

Tgt Ion: 82	Resp:	677488
Ion Ratio	Lower	Upper
82	100	
128	46.3	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: 42.40 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF101510.D

Acq: 19 Dec 2017 6:04

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-U-M

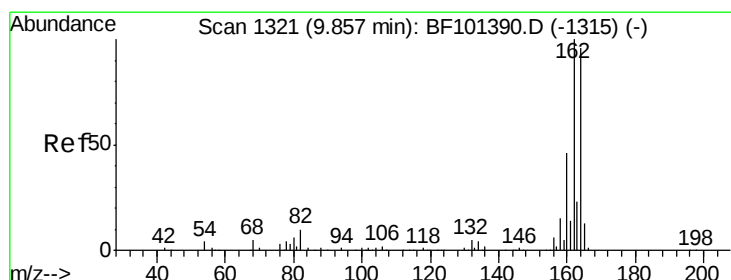
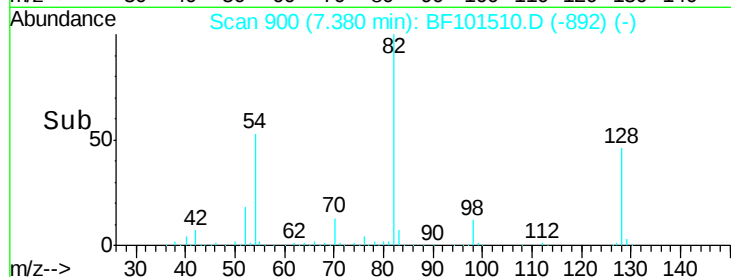
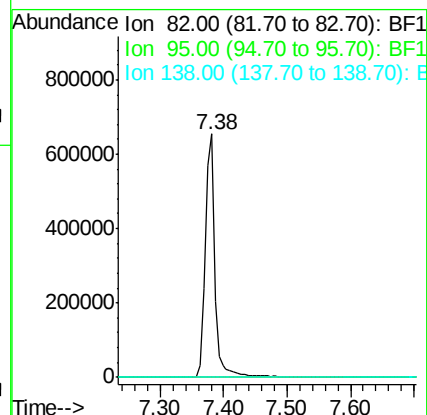
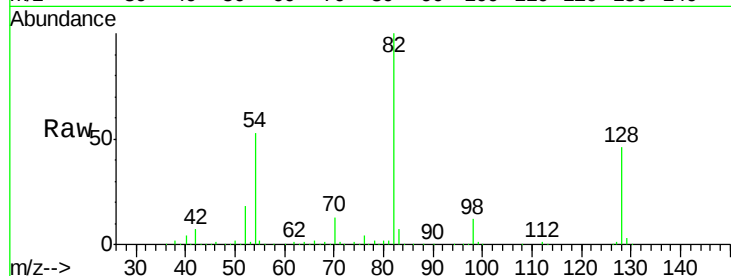
Tot Ion: 82 Resp: 677483

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF101510.D

Acq: 19 Dec 2017 6:04

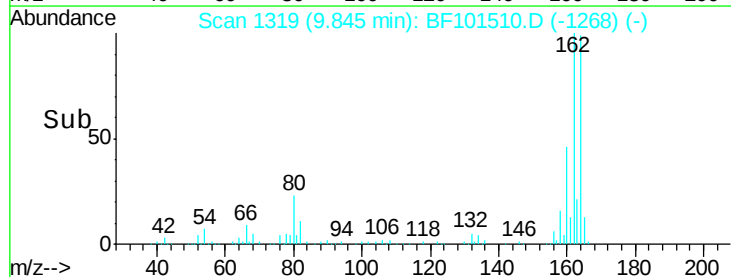
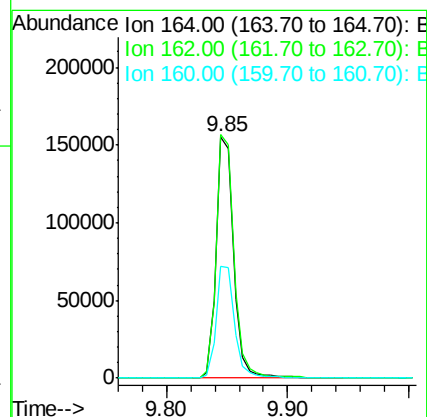
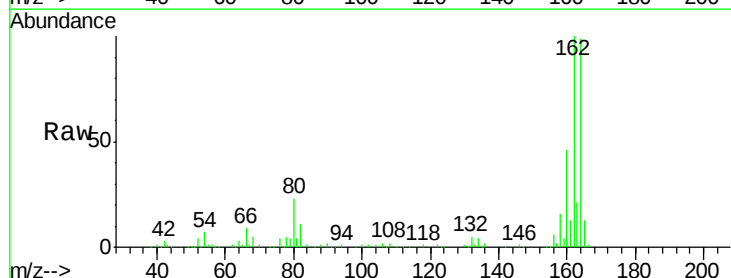
Tgt Ion: 164 Resp: 154689

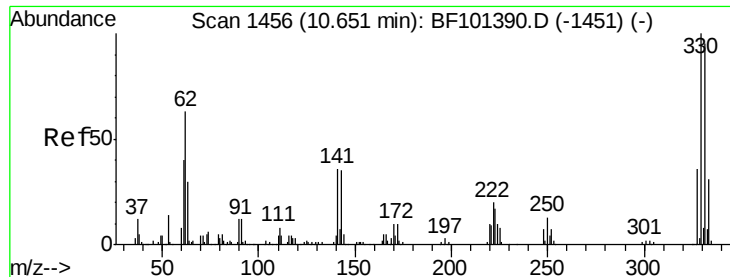
Ion Ratio Lower Upper

164 100

162 101.0 86.1 129.1

160 46.3 38.3 57.5

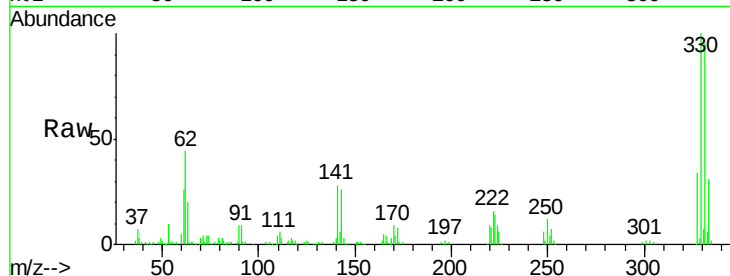




#41
 2,4,6-Tribromophenol
 Concen: 84.86 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101510.D
 Acq: 19 Dec 2017 6:04

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.1	29.9	44.9

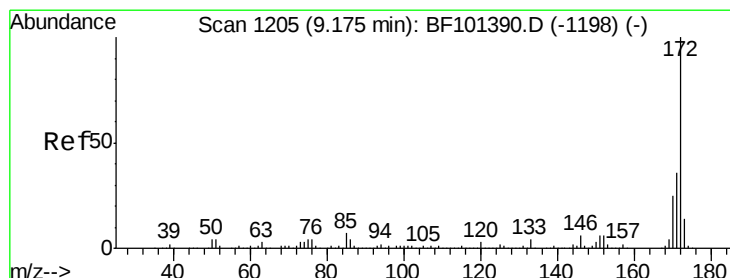
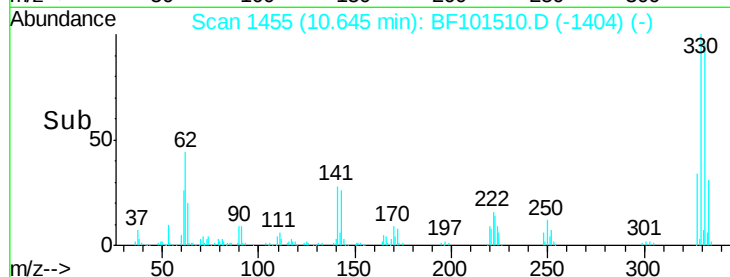
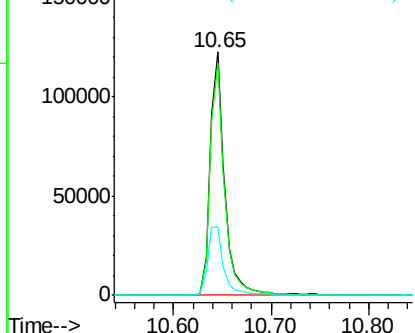


Abundance

Ion 329.80 (329.50 to 330.50): E

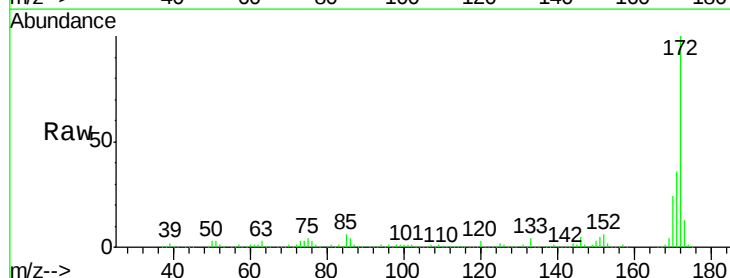
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.42 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF101510.D
 Acq: 19 Dec 2017 6:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4

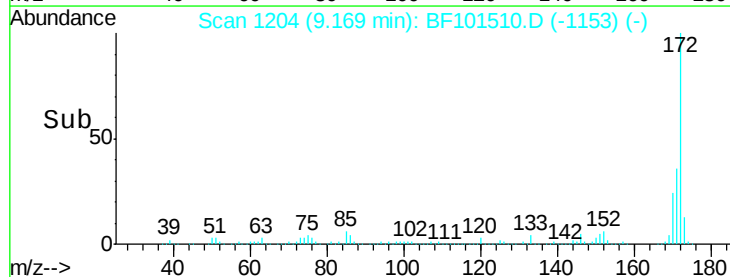
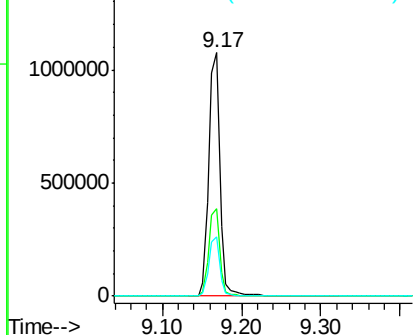


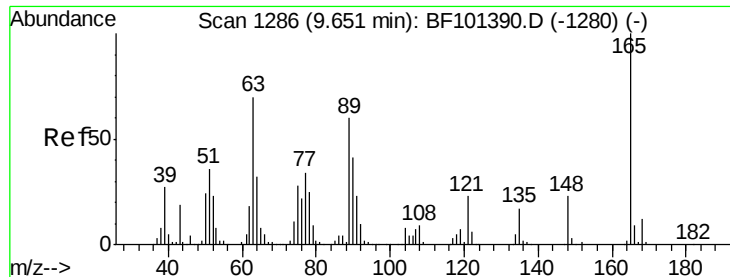
Abundance

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

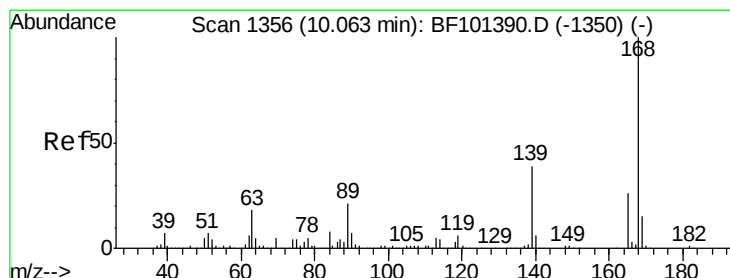
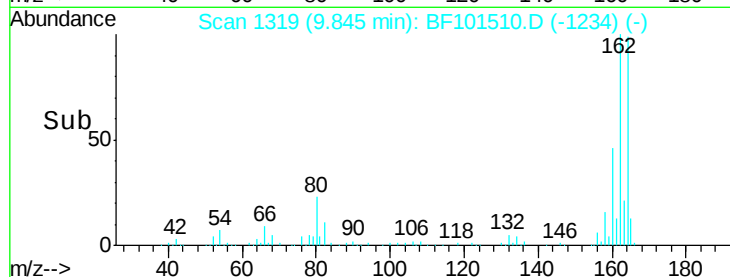
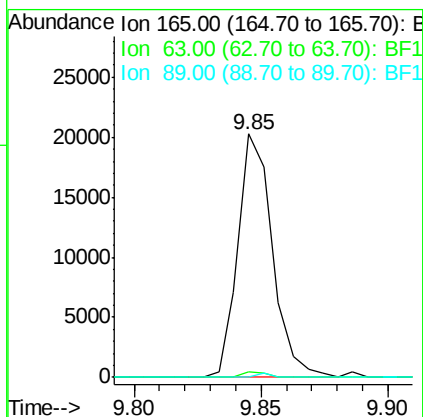
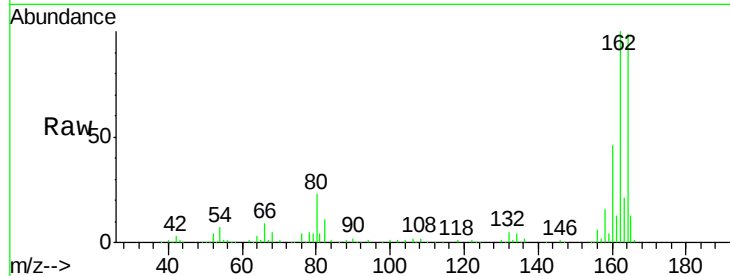




#50
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101510.D
Acq: 19 Dec 2017 6:04

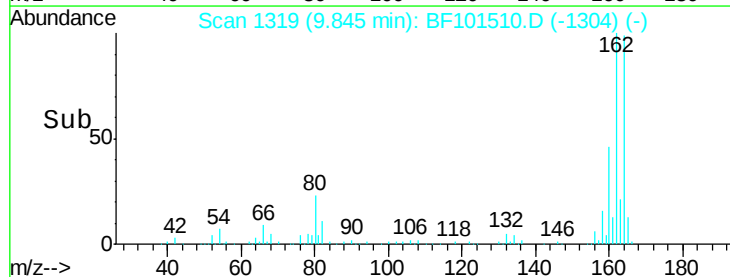
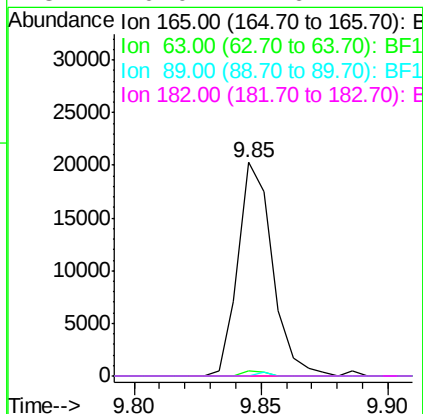
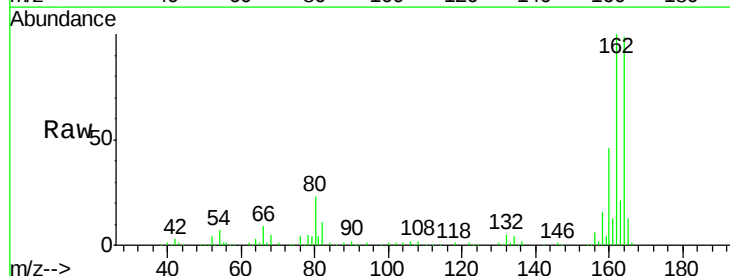
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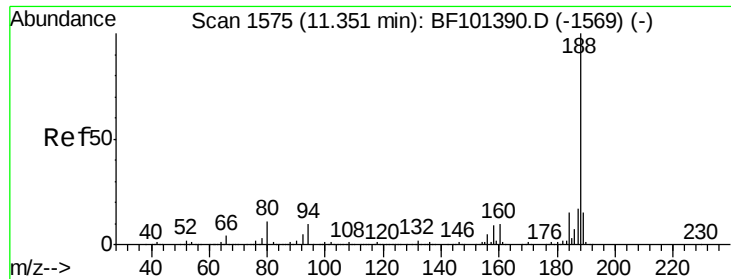
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	44.7	67.1#
89	0.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF101510.D
Acq: 19 Dec 2017 6:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

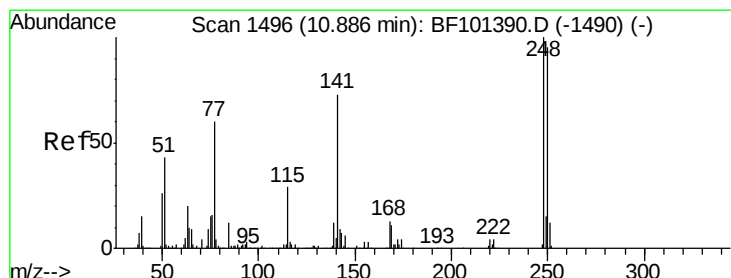
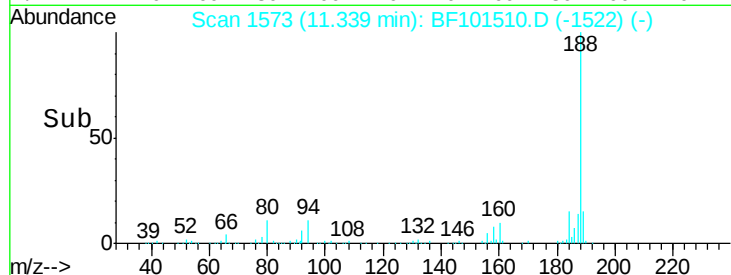
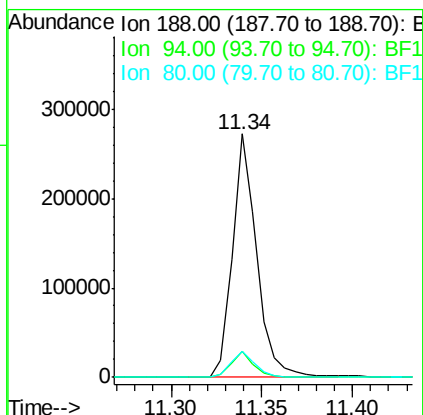
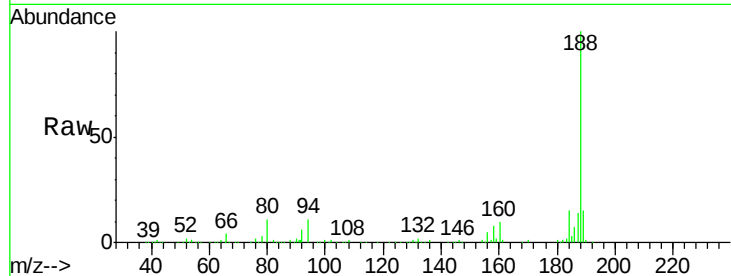




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101510.D
Acq: 19 Dec 2017 6:04

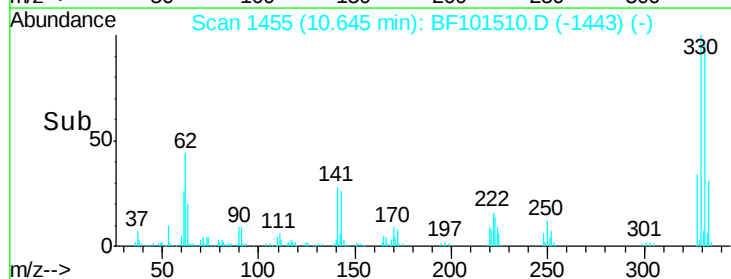
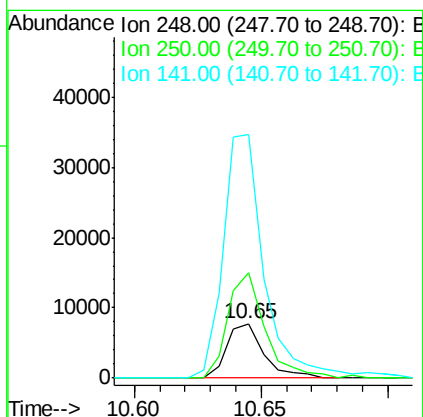
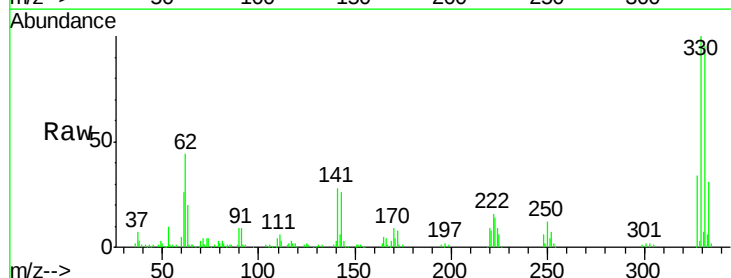
Instrument :
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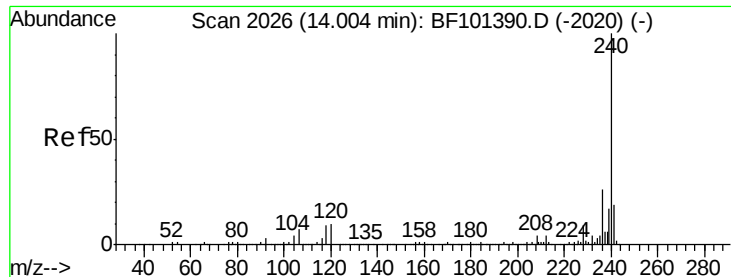
Tot Ion:188 Resp: 253434
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 10.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.76 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF101510.D
Acq: 19 Dec 2017 6:04

Tgt Ion:248 Resp: 7860
Ion Ratio Lower Upper
248 100
250 195.3 76.9 115.3#
141 449.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101510.D

Acq: 19 Dec 2017 6:04

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-U-M

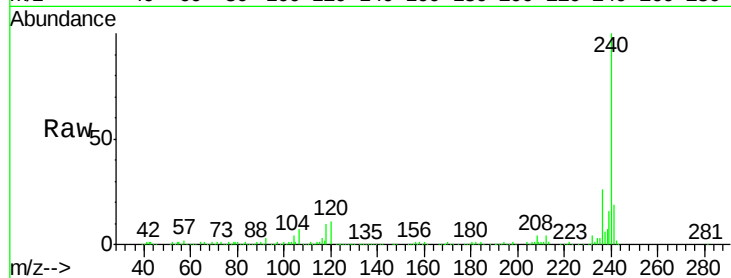
Tot Ion:240 Resp: 294910

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

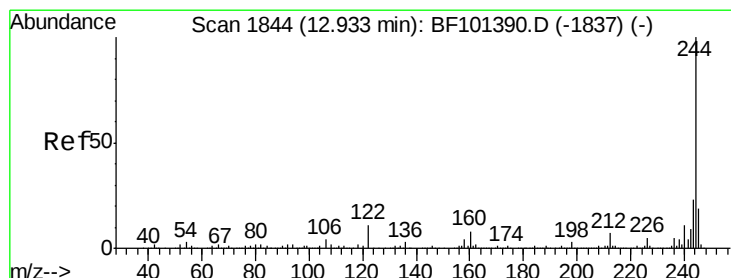
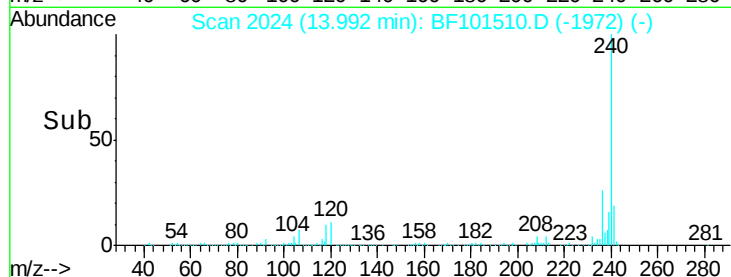
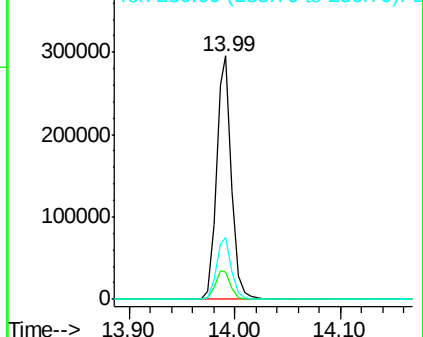
236 25.6 20.7 31.1



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: 72.74 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF101510.D

Acq: 19 Dec 2017 6:04

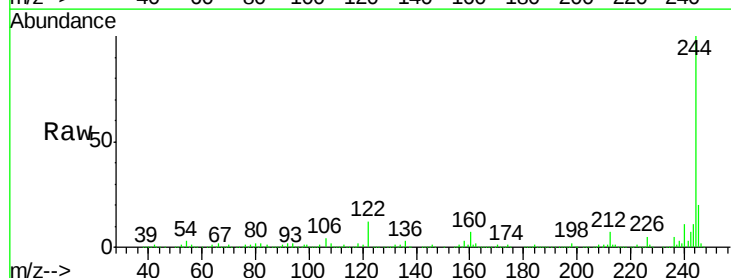
Tgt Ion:244 Resp: 889792

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

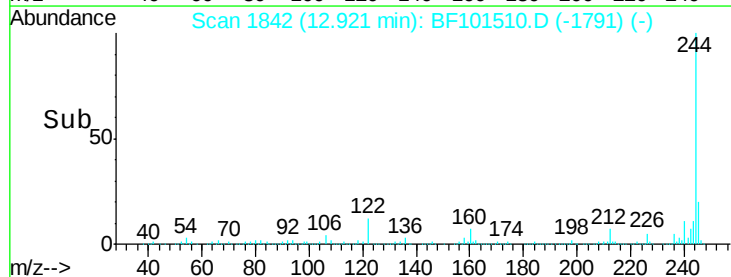
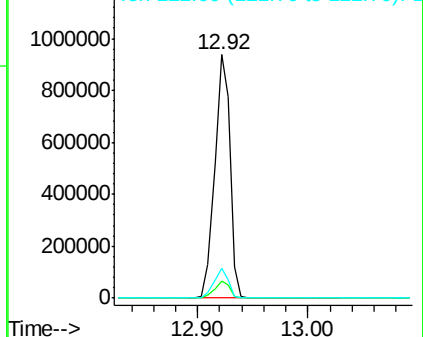
122 12.2 11.0 16.4

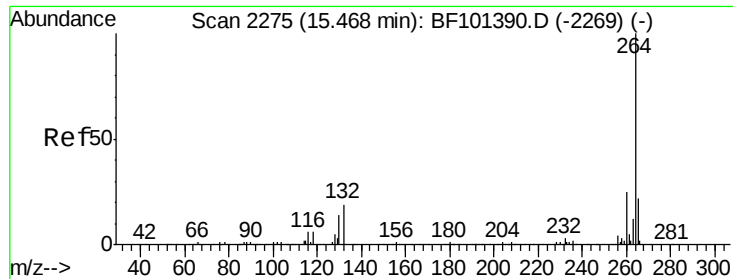


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF101510.D
 Acq: 19 Dec 2017 6:04

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.5	26.3

