

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091480.D
 Acq On : 7 Dec 2016 20:15
 Operator : UM/SJ
 Sample : H5885-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-120516

Quant Time: Dec 08 00:25:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

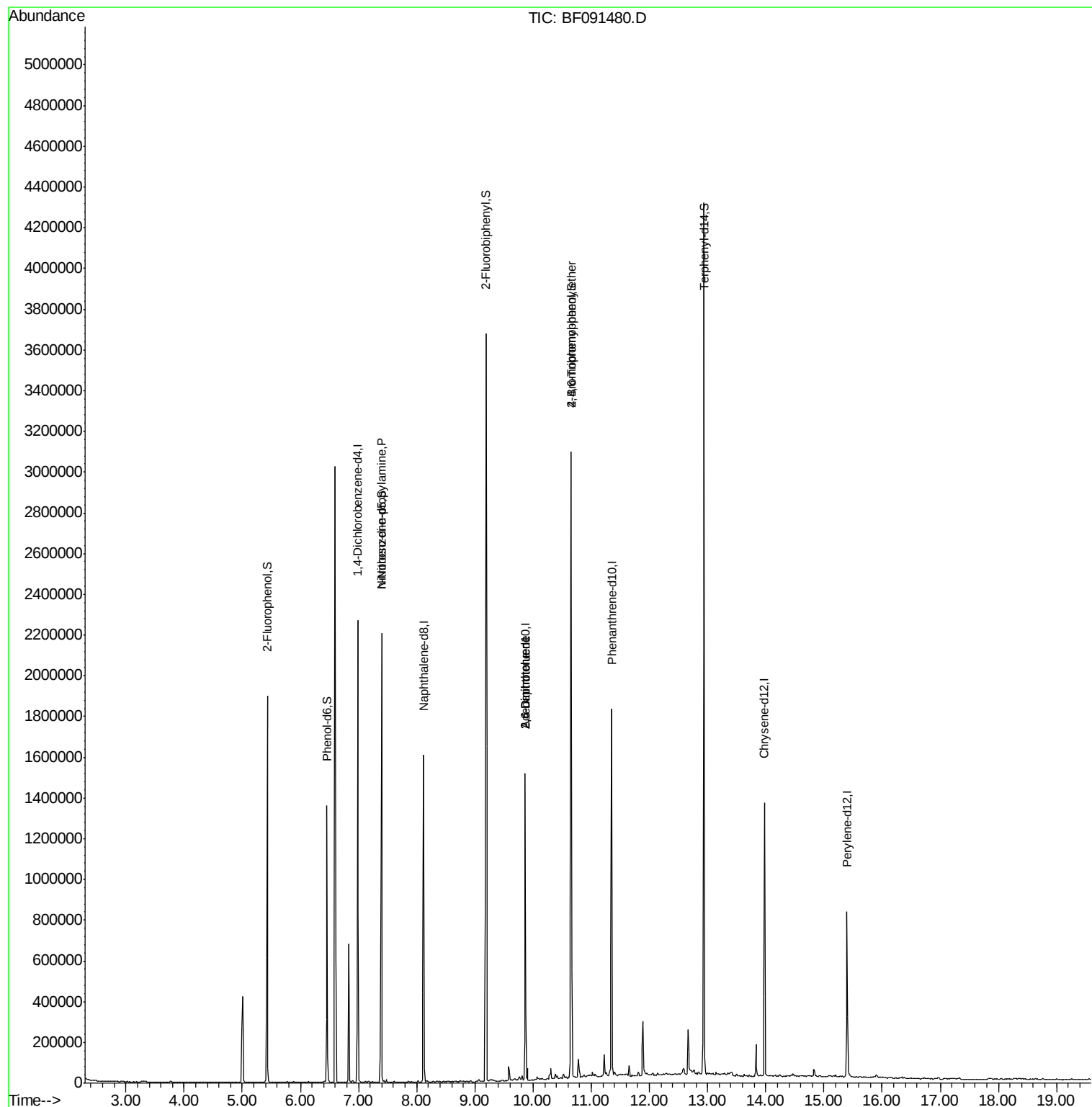
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	369586	20.00	ng	0.11
21) Naphthalene-d8	8.12	136	690876	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	341259	20.00	ng	-0.05
63) Phenanthrene-d10	11.35	188	701330	20.00	ng	-0.05
75) Chrysene-d12	13.98	240	483267	20.00	ng	-0.06
86) Perylene-d12	15.40	264	376705	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	447681	19.79	ng	-0.04
7) Phenol-d6	6.46	99	374976	13.46	ng	-0.04
23) Nitrobenzene-d5	7.40	82	748516	60.72	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	368857	114.17	ng	-0.05
44) 2-Fluorobiphenyl	9.19	172	1456716	77.29	ng	-0.05
78) Terphenyl-d14	12.94	244	1546732	69.56	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	105786	6.03	ng	# 69
50) 2,6-Dinitrotoluene	9.86	165	46121	9.99	ng	# 17
56) 2,4-Dinitrotoluene	9.86	165	46123	7.70	ng	# 34
66) 4-Bromophenyl-phenylether	10.65	248	22493	2.98	ng	# 1

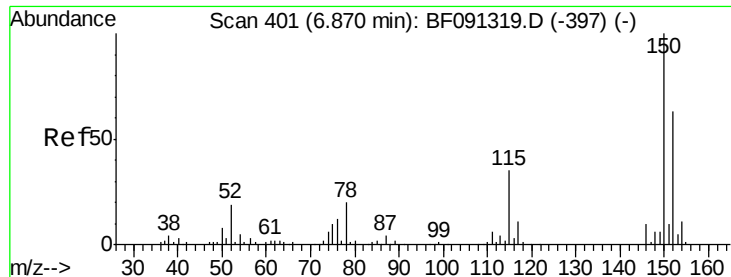
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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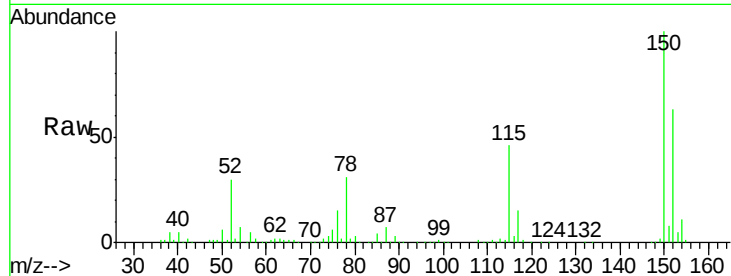


#1

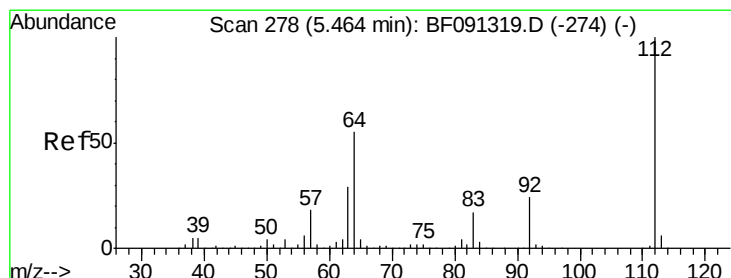
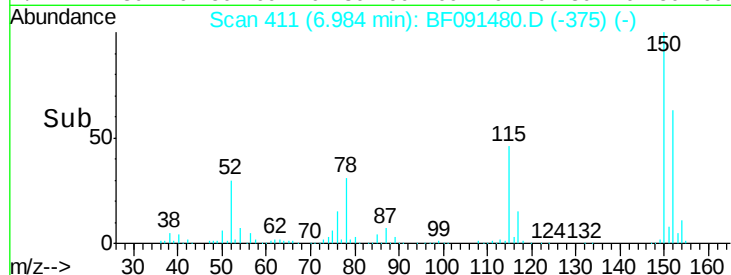
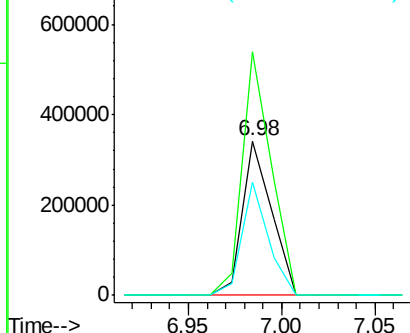
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.98 min Scan# 411
 Delta R.T. 0.11 min
 Lab File: BF091480.D
 Acq: 7 Dec 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-120516

Tgt Ion:152 Resp: 369586
 Ion Ratio Lower Upper
 152 100
 150 157.7 122.5 183.7
 115 72.9 51.8 77.8



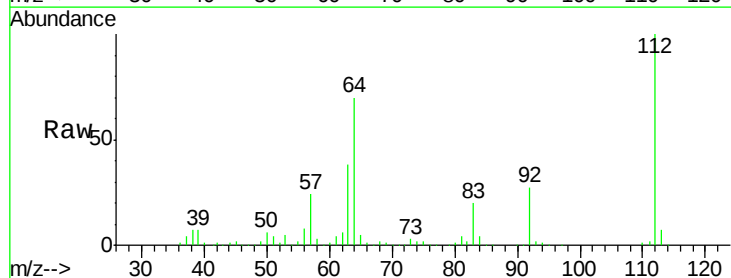
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



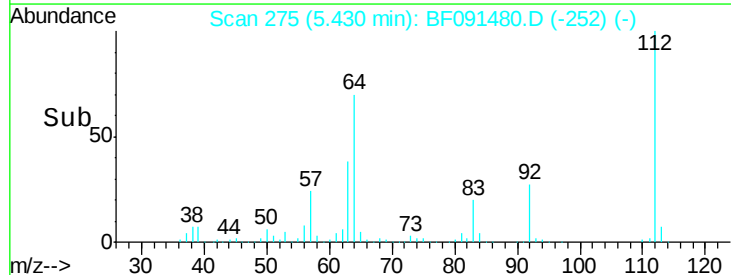
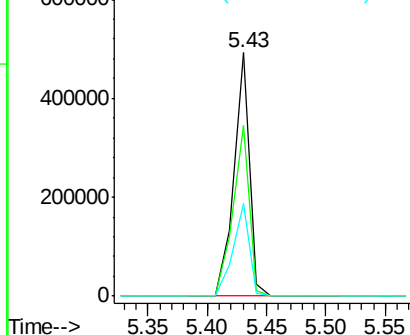
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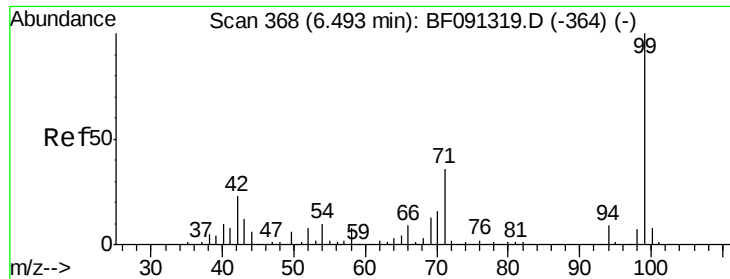
2-Fluorophenol
 Concen: 19.79 ng
 RT: 5.43 min Scan# 275
 Delta R.T. -0.04 min
 Lab File: BF091480.D
 Acq: 7 Dec 2016 20:15

Tgt Ion:112 Resp: 447681
 Ion Ratio Lower Upper
 112 100
 64 70.3 61.5 92.3
 63 37.9 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 13.46 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091480.D

Acq: 7 Dec 2016 20:15

Instrument :

BNA_F

ClientSampleId :

MW-1-120516

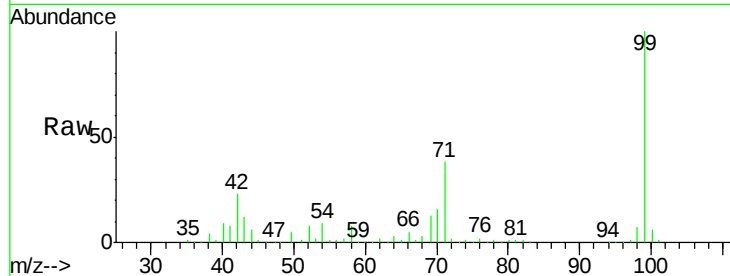
Tgt Ion: 99 Resp: 374976

Ion Ratio Lower Upper

99 100

42 22.7 20.6 31.0

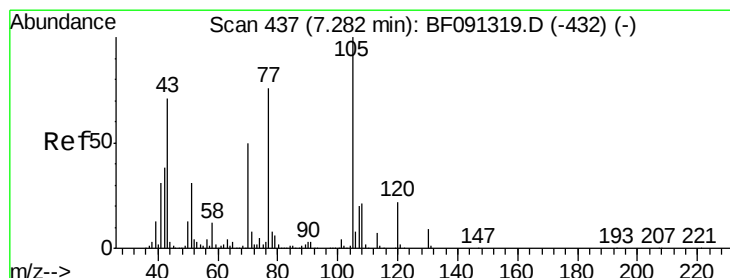
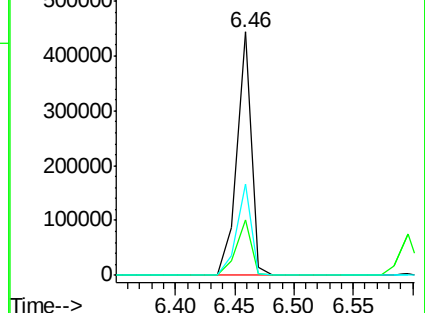
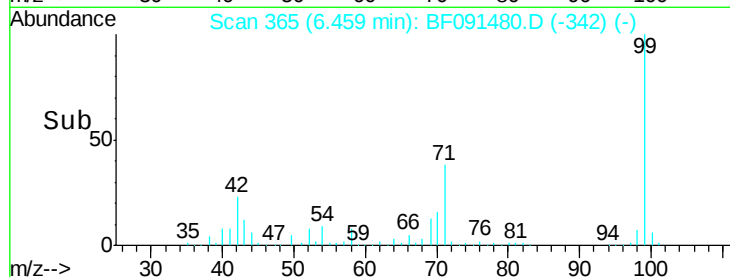
71 37.6 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 6.03 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.10 min

Lab File: BF091480.D

Acq: 7 Dec 2016 20:15

Tgt Ion: 70 Resp: 105786

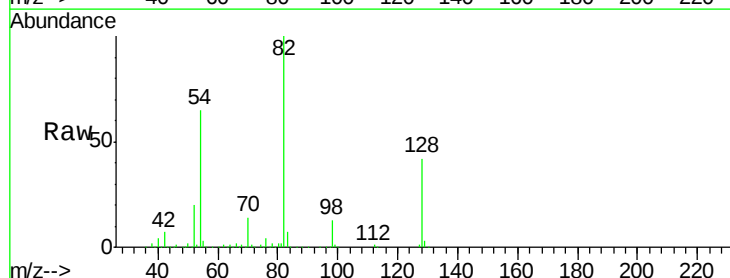
Ion Ratio Lower Upper

70 100

42 52.6 64.8 97.2#

101 0.0 6.2 9.4#

130 2.0 11.7 17.5#

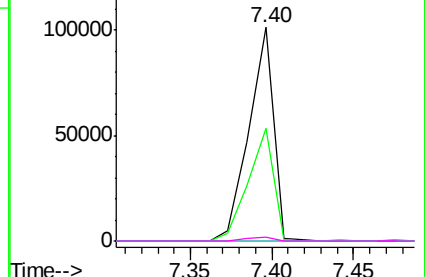
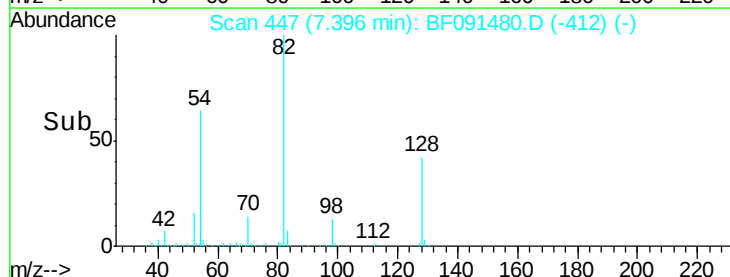


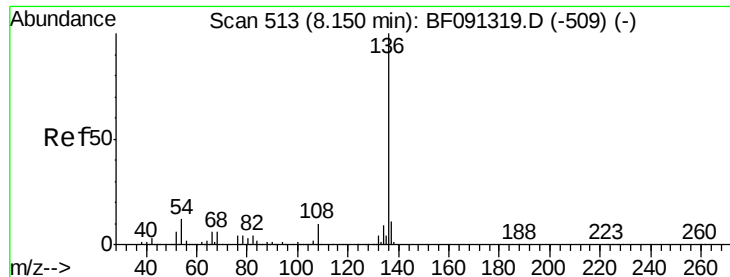
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

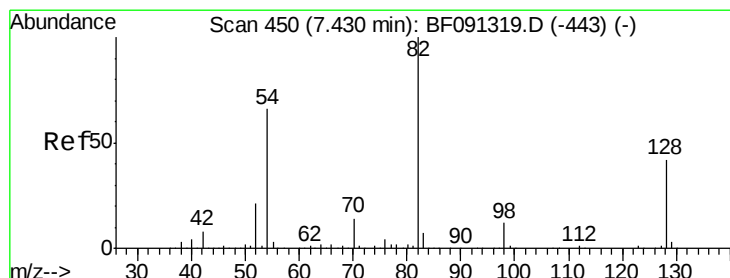
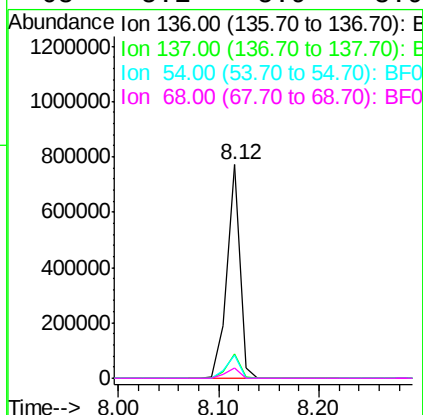
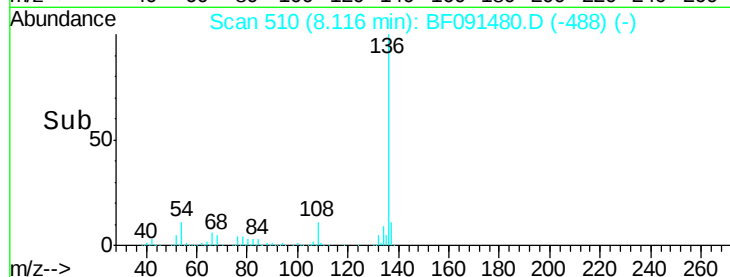
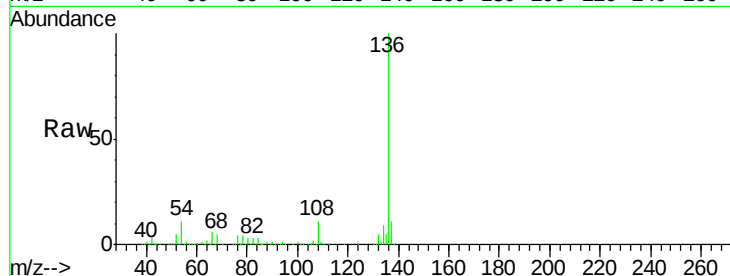




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF091480.D
Acq: 7 Dec 2016 20:15

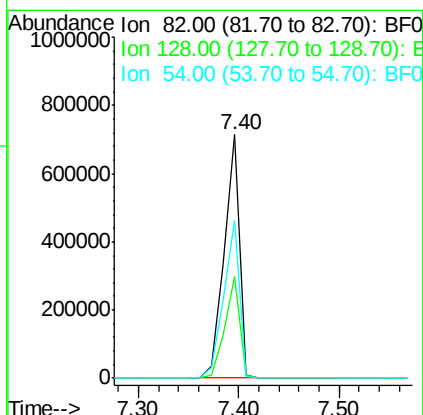
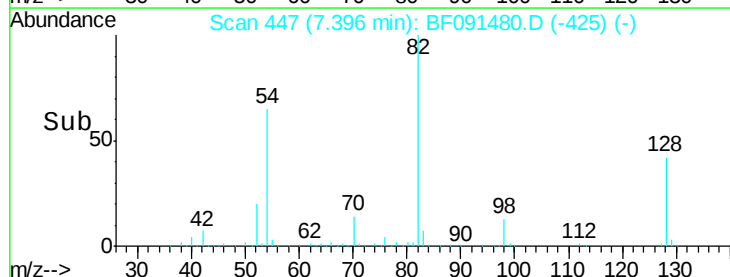
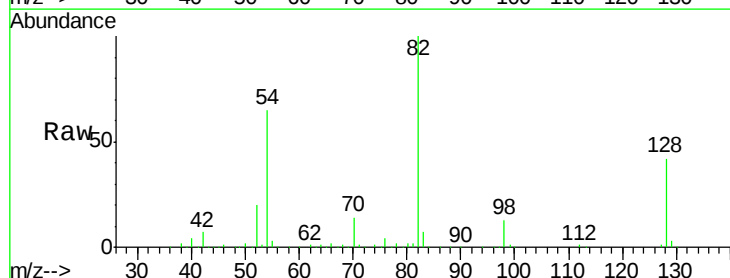
Instrument :
BNA_F
ClientSampleId :
MW-1-120516

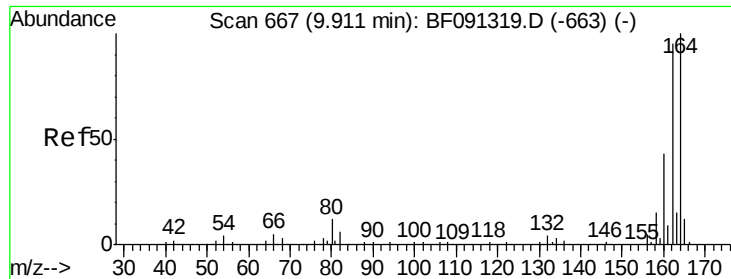
Tgt Ion:	136	Resp:	690876
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.6	9.1	13.7
68	5.1	5.9	8.9#



#23
Nitrobenzene-d5
Concen: 60.72 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.05 min
Lab File: BF091480.D
Acq: 7 Dec 2016 20:15

Tgt Ion:	82	Resp:	748516
Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.8	47.6
54	64.6	49.1	73.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF091480.D

Acq: 7 Dec 2016 20:15

Instrument :

BNA_F

ClientSampleId :

MW-1-120516

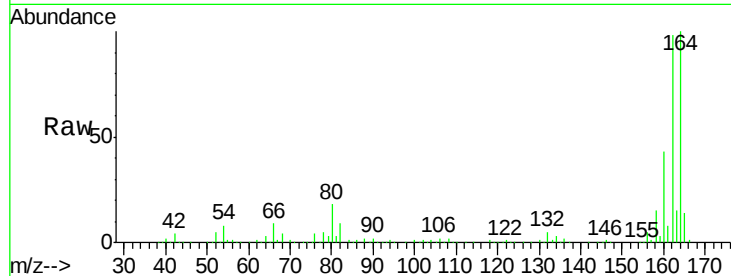
Tgt Ion:164 Resp: 341259

Ion Ratio Lower Upper

164 100

162 97.8 82.6 124.0

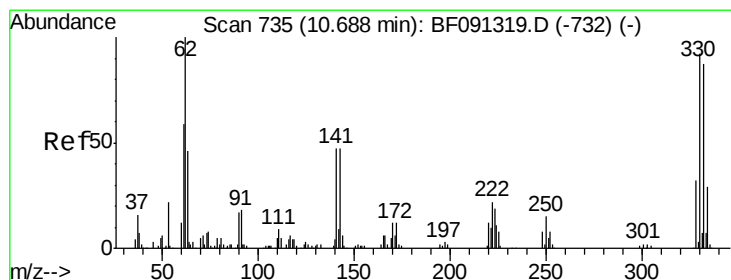
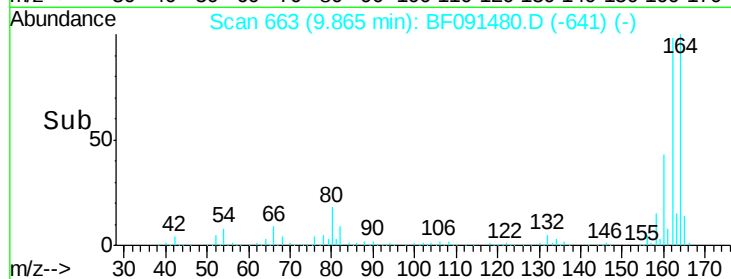
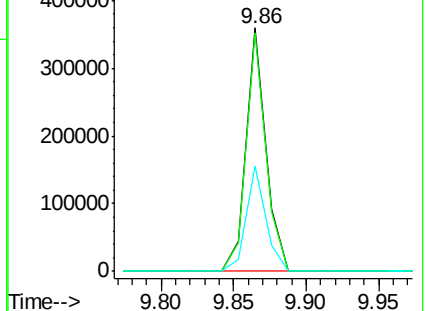
160 43.5 36.7 55.1



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: 114.17 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF091480.D

Acq: 7 Dec 2016 20:15

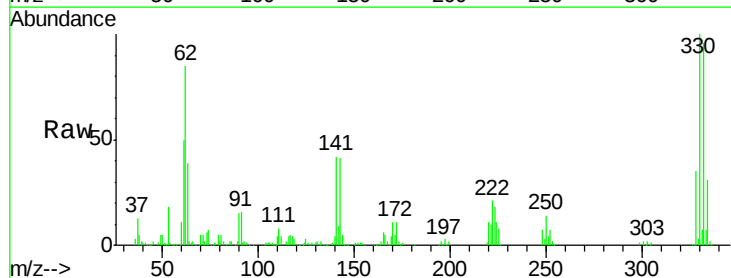
Tgt Ion:330 Resp: 368857

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

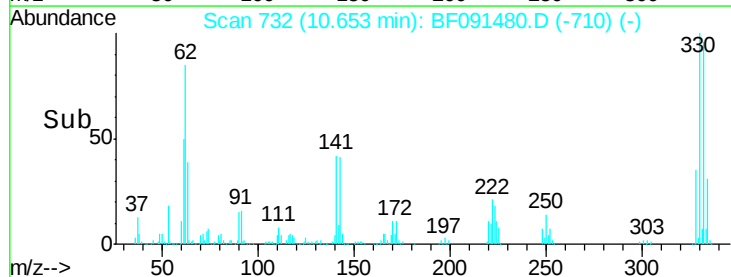
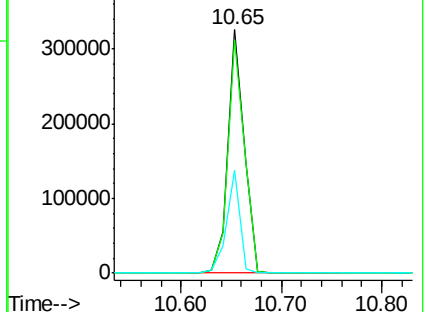
141 34.6 33.6 50.4

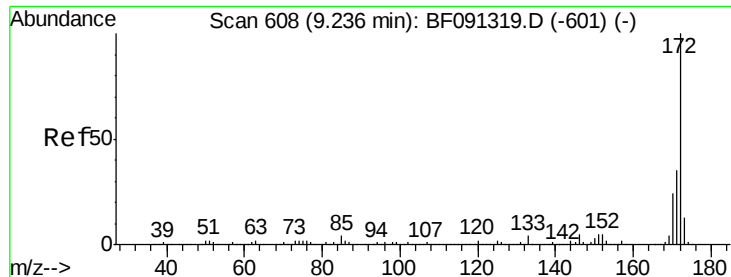


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

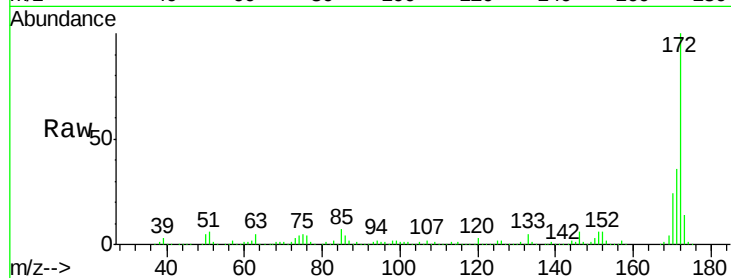




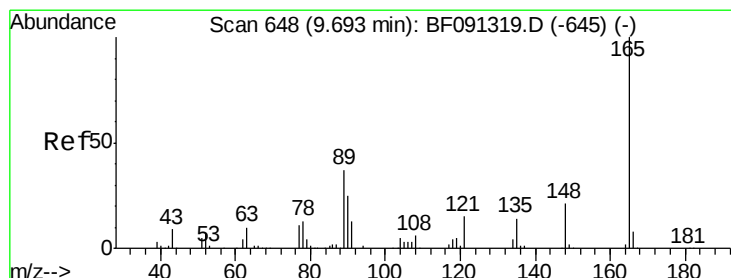
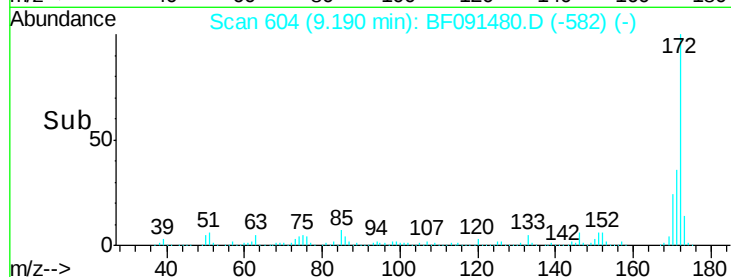
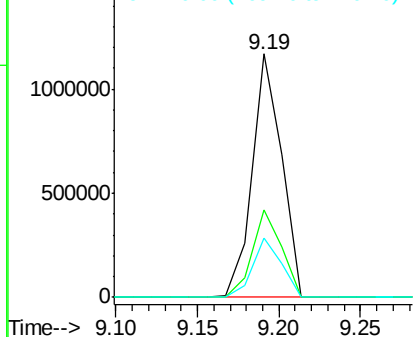
#44
 2-Fluorobiphenyl
 Concen: 77.29 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF091480.D
 Acq: 7 Dec 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-120516

Tgt Ion:172 Resp: 1456716
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.3 19.7 29.5

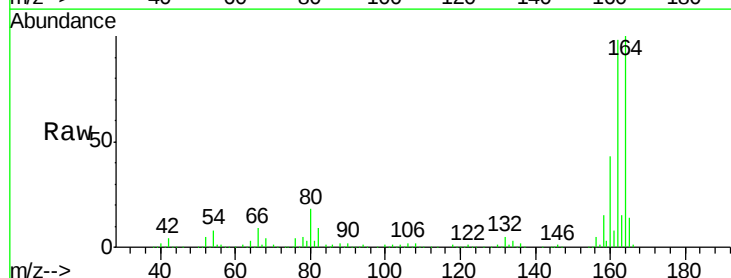


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

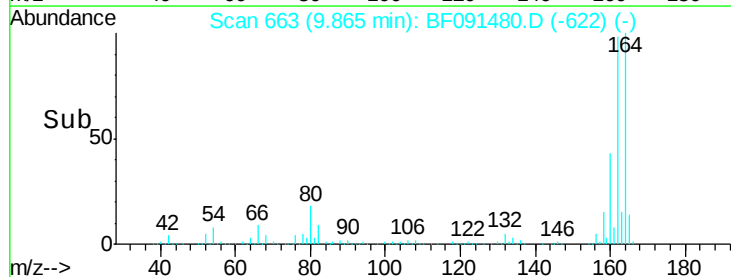
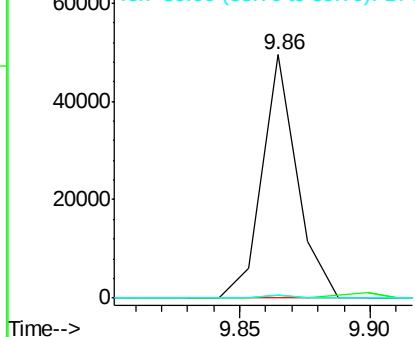


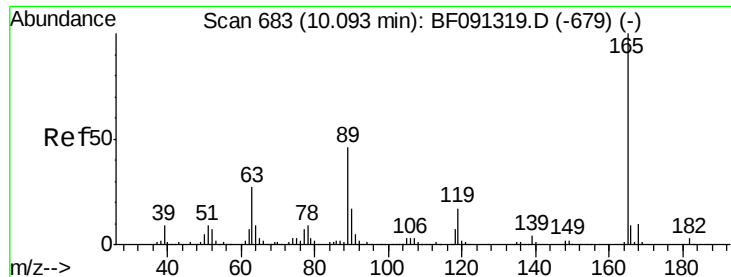
#50
 2,6-Dinitrotoluene
 Concen: 9.99 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.17 min
 Lab File: BF091480.D
 Acq: 7 Dec 2016 20:15

Tgt Ion:165 Resp: 46121
 Ion Ratio Lower Upper
 165 100
 63 1.0 59.4 89.0#
 89 1.3 50.8 76.2#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

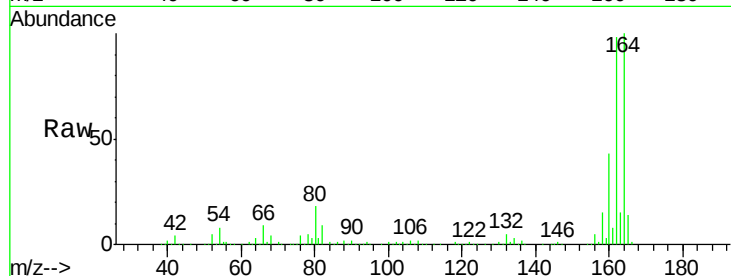




#56
 2,4-Dinitrotoluene
 Concen: 7.70 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.23 min
 Lab File: BF091480.D
 Acq: 7 Dec 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-120516

Tgt Ion:	165	Resp:	46123
Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.0	43.4#
89	1.3	43.1	64.7#
182	0.0	1.9	2.9#

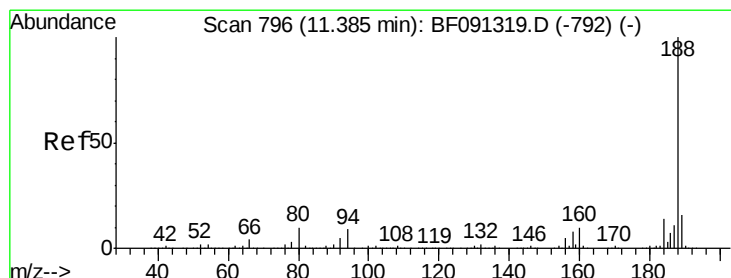
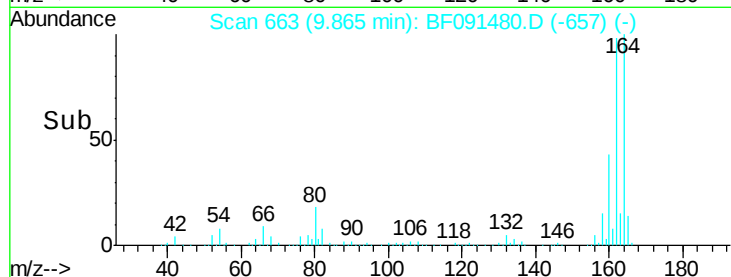
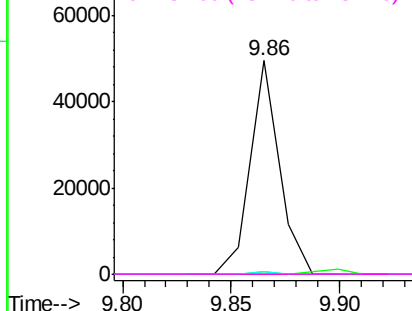


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

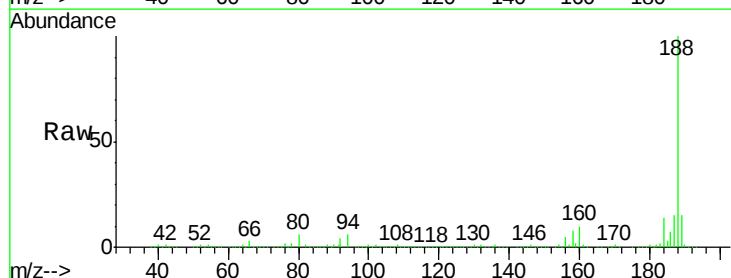
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.05 min
 Lab File: BF091480.D
 Acq: 7 Dec 2016 20:15

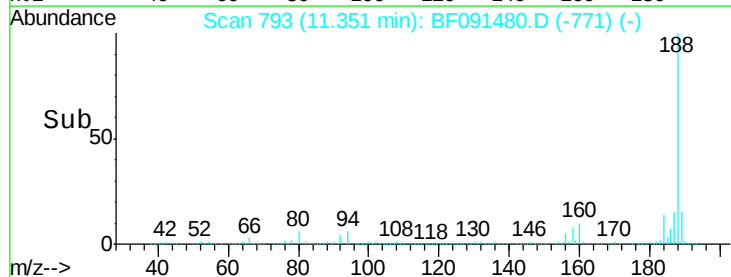
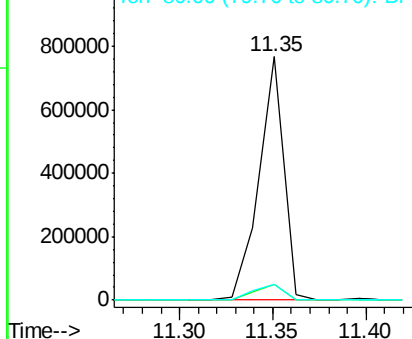
Tgt Ion:	188	Resp:	701330
Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.2	13.8#
80	6.4	10.5	15.7#

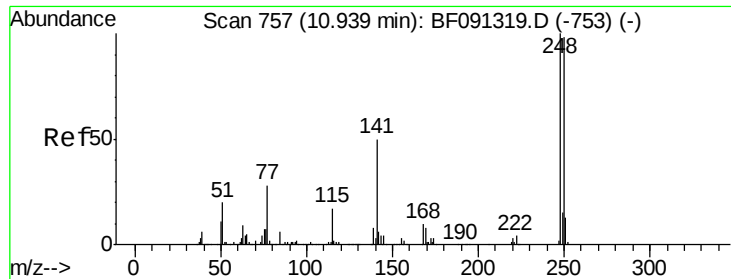


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.98 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.30 min

Lab File: BF091480.D

Acq: 7 Dec 2016 20:15

Instrument :

BNA_F

ClientSampleId :

MW-1-120516

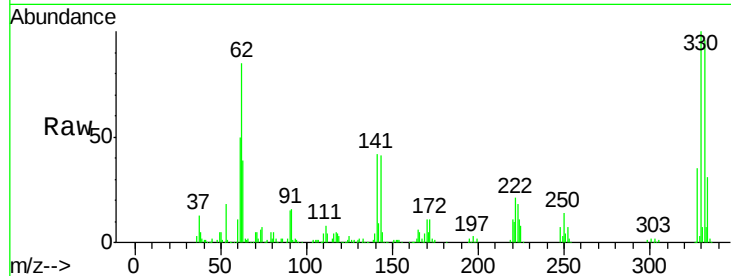
Tgt Ion:248 Resp: 22493

Ion Ratio Lower Upper

248 100

250 191.7 78.2 117.4#

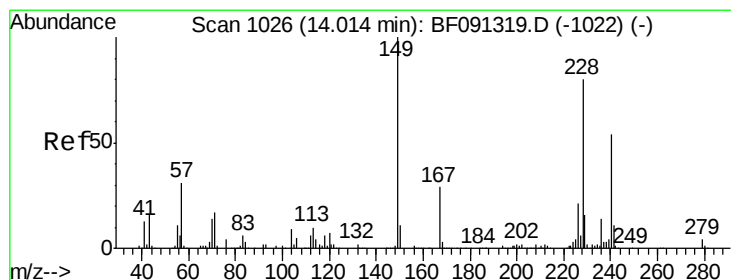
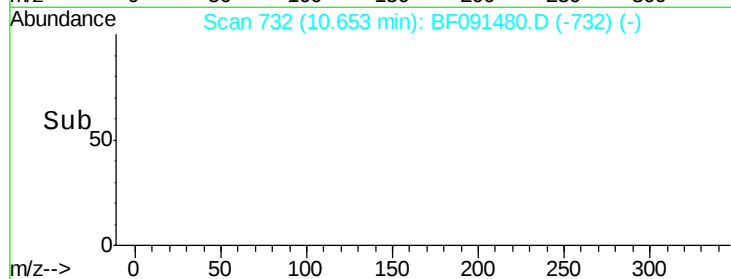
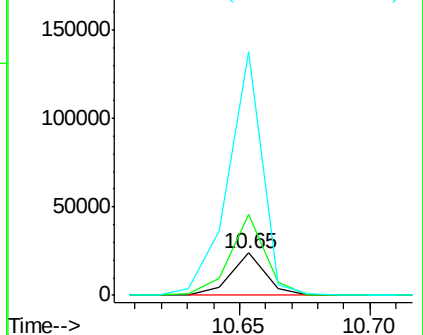
141 571.8 71.9 107.9#



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: 13.98 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF091480.D

Acq: 7 Dec 2016 20:15

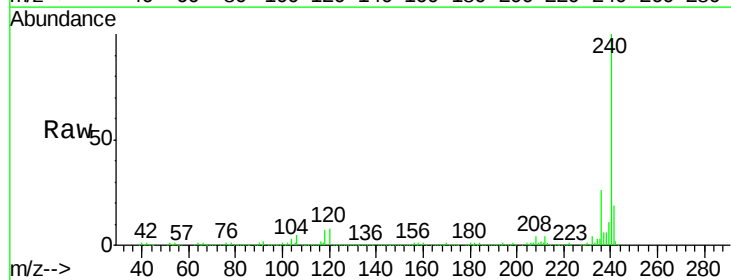
Tgt Ion:240 Resp: 483267

Ion Ratio Lower Upper

240 100

120 7.6 12.1 18.1#

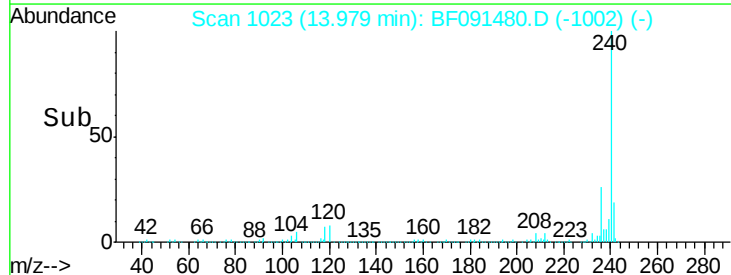
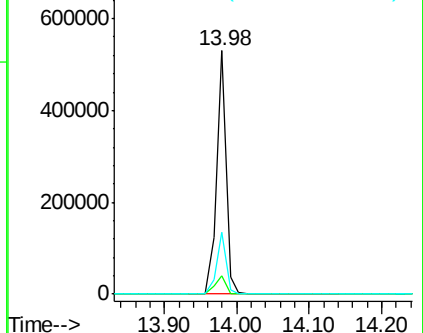
236 25.6 21.0 31.6

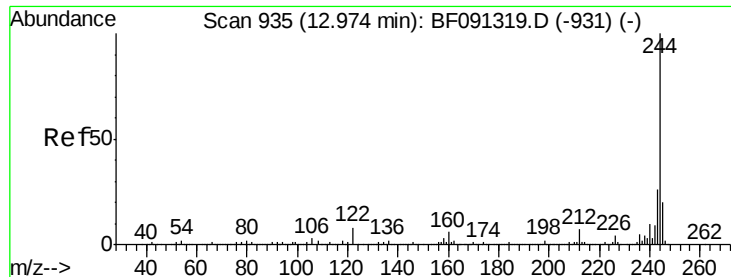


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

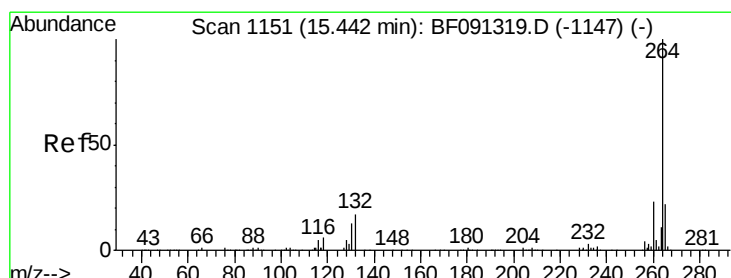
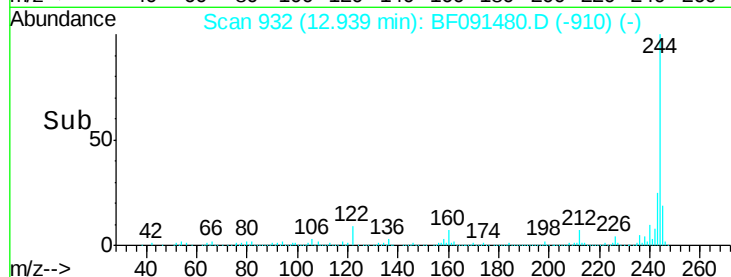
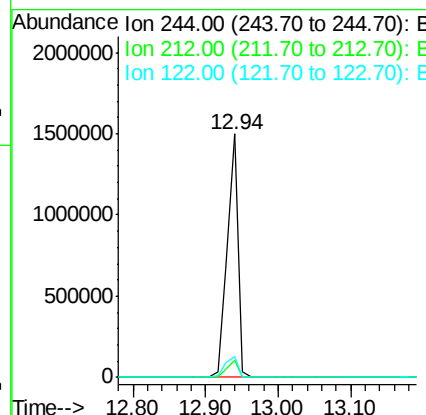
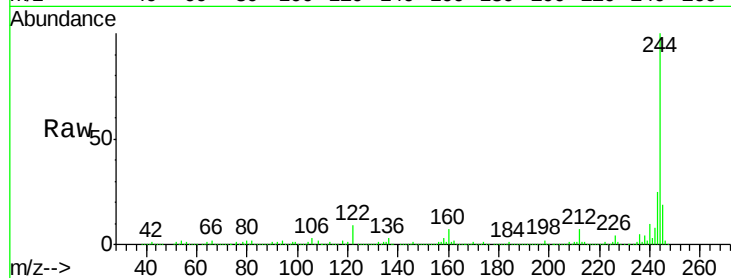




#78
 Terphenyl-d14
 Concen: 69.56 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.05 min
 Lab File: BF091480.D
 Acq: 7 Dec 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-120516

Tgt Ion:244 Resp: 1546732
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 8.8 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.07 min
 Lab File: BF091480.D
 Acq: 7 Dec 2016 20:15

Tgt Ion:264 Resp: 376705
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.9 17.0 25.6

