

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091461.D
 Acq On : 6 Dec 2016 16:25
 Operator : UM/SJ
 Sample : H5740-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-U-B

Quant Time: Dec 07 00:01:32 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

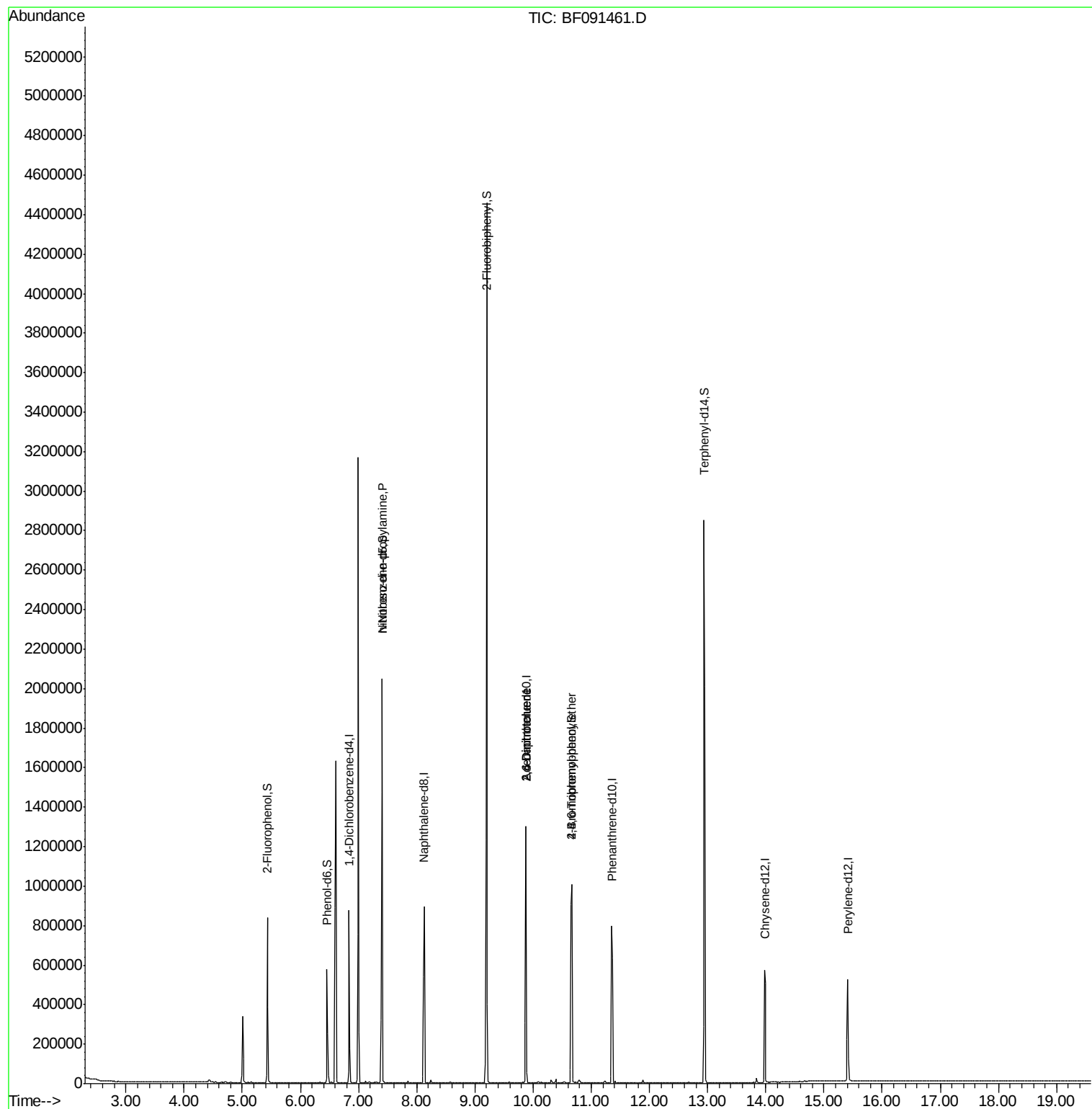
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	118800	20.00	ng	-0.04
21) Naphthalene-d8	8.13	136	495100	20.00	ng	-0.04
38) Acenaphthene-d10	9.88	164	287778	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	429471	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	300540	20.00	ng	-0.05
86) Perylene-d12	15.41	264	244429	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	222470	30.59	ng	-0.04
7) Phenol-d6	6.46	99	184398	20.60	ng	-0.04
23) Nitrobenzene-d5	7.41	82	854418	96.71	ng	-0.04
41) 2,4,6-Tribromophenol	10.66	330	198821	72.98	ng	-0.04
44) 2-Fluorobiphenyl	9.20	172	1417449	89.18	ng	-0.04
78) Terphenyl-d14	12.94	244	1290372	93.32	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	116781	20.71	ng	# 66
50) 2,6-Dinitrotoluene	9.88	165	37316	9.58	ng	# 17
56) 2,4-Dinitrotoluene	9.88	165	37309	7.38	ng	# 34
66) 4-Bromophenyl-phenylether	10.66	248	11345	2.46	ng	# 1

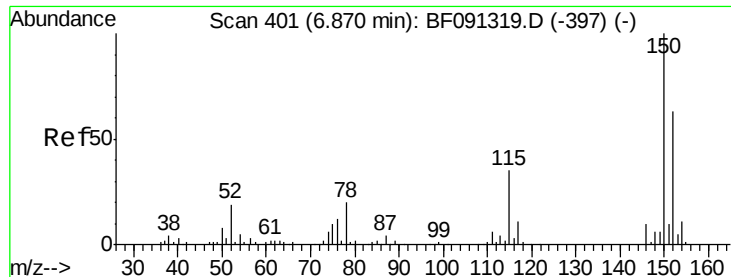
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.04 min

Lab File: BF091461.D

Acq: 6 Dec 2016 16:25

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-U-B

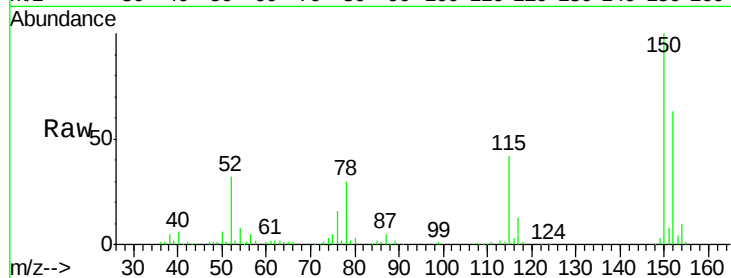
Tgt Ion:152 Resp: 118800

Ion Ratio Lower Upper

152 100

150 160.0 122.5 183.7

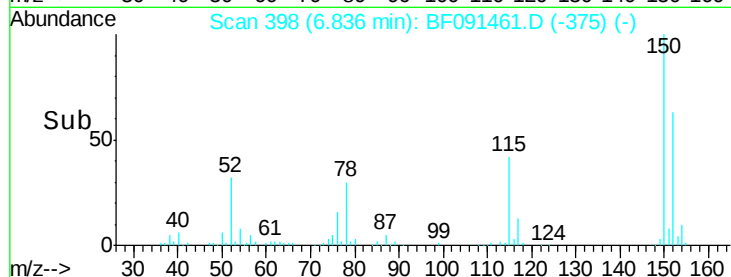
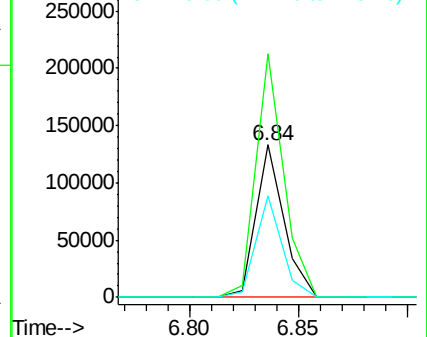
115 67.0 51.8 77.8



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



#5

2-Fluorophenol

Concen: 30.59 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.04 min

Lab File: BF091461.D

Acq: 6 Dec 2016 16:25

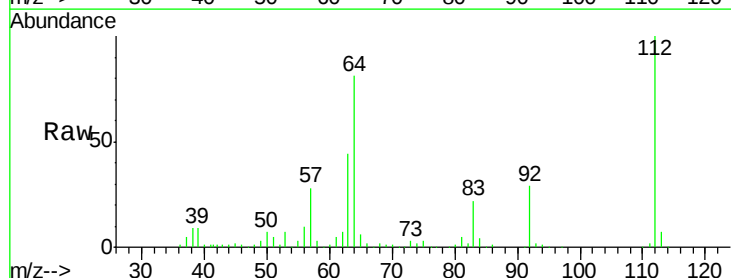
Tgt Ion:112 Resp: 222470

Ion Ratio Lower Upper

112 100

64 81.4 61.5 92.3

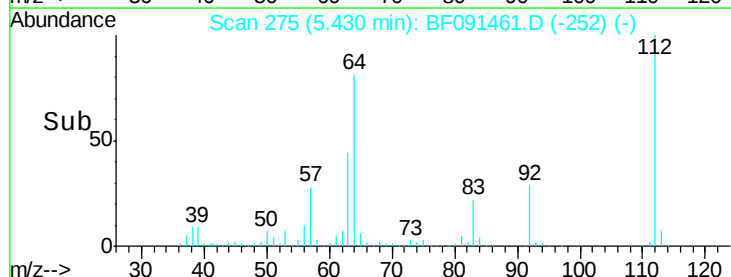
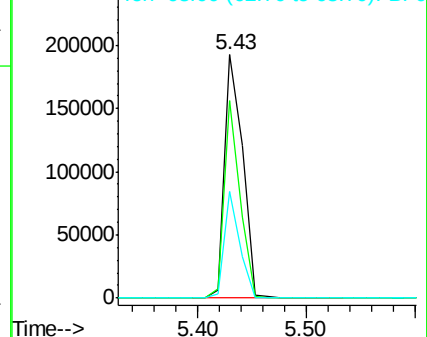
63 43.8 33.3 49.9



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: 20.60 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091461.D

Acq: 6 Dec 2016 16:25

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-U-B

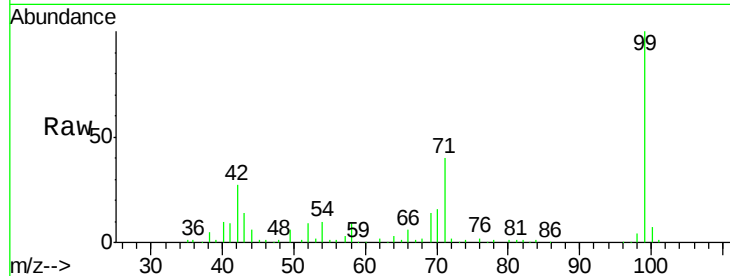
Tgt Ion: 99 Resp: 184398

Ion Ratio Lower Upper

99 100

42 27.1 20.6 31.0

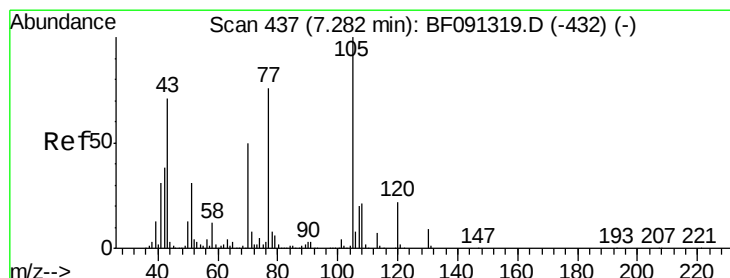
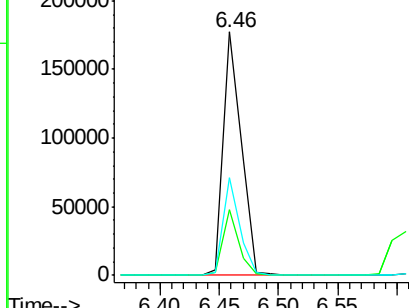
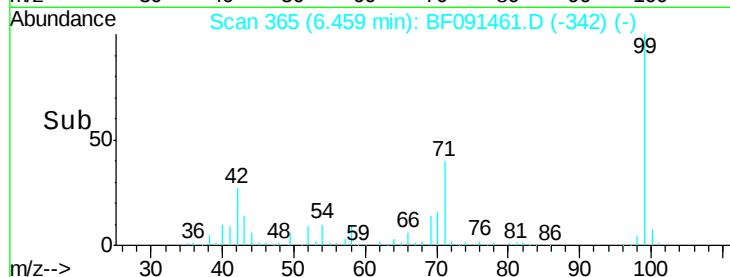
71 39.9 29.9 44.9



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: 20.71 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.11 min

Lab File: BF091461.D

Acq: 6 Dec 2016 16:25

Tgt Ion: 70 Resp: 116781

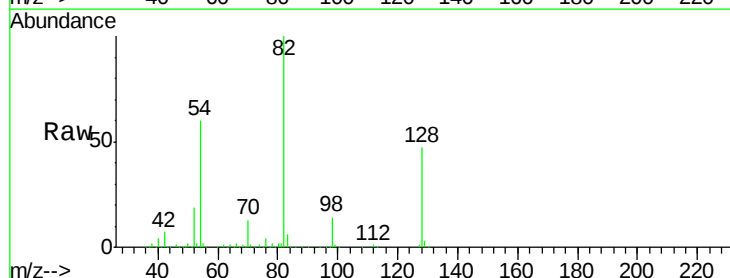
Ion Ratio Lower Upper

70 100

42 49.5 64.8 97.2#

101 0.0 6.2 9.4#

130 2.1 11.7 17.5#

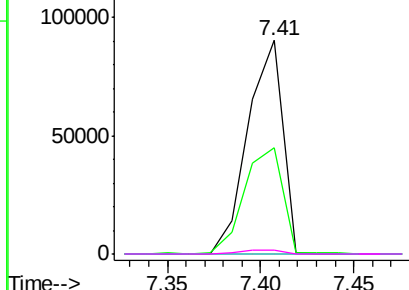
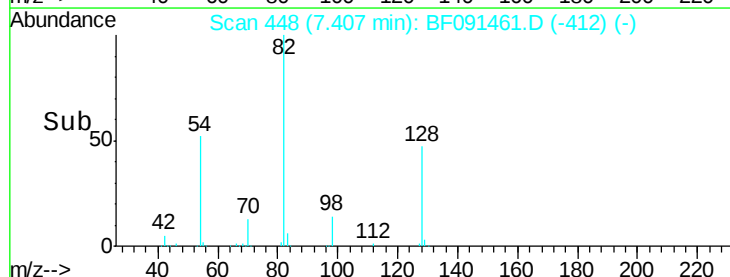


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

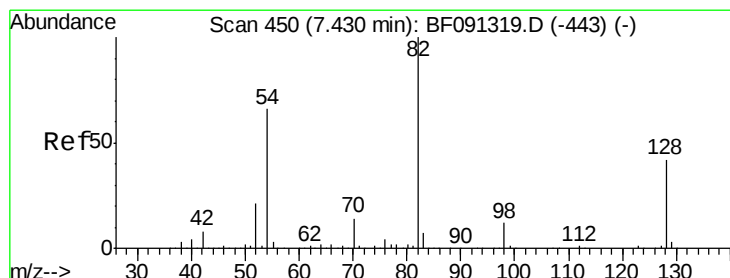
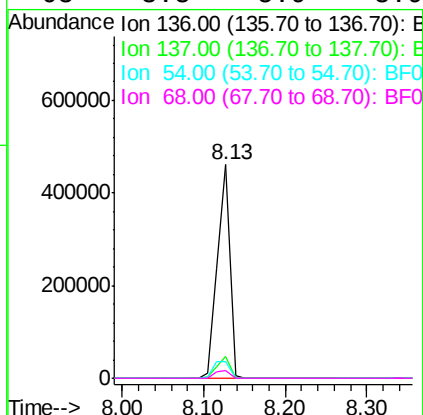
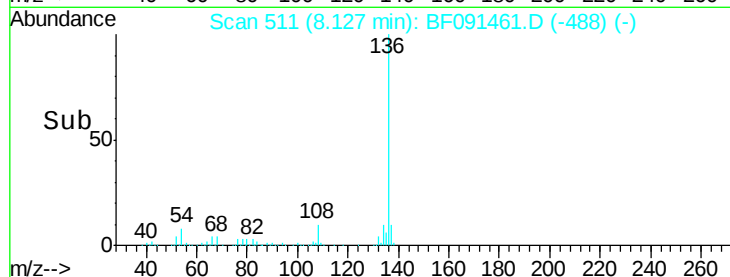
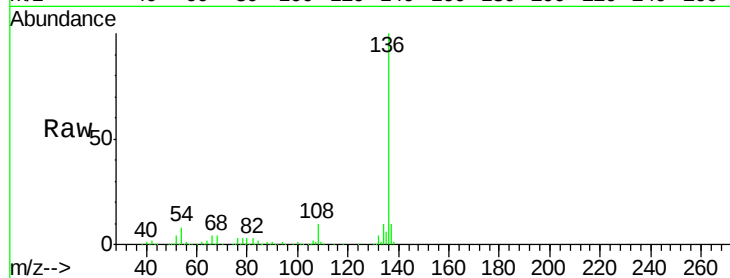




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.04 min
Lab File: BF091461.D
Acq: 6 Dec 2016 16:25

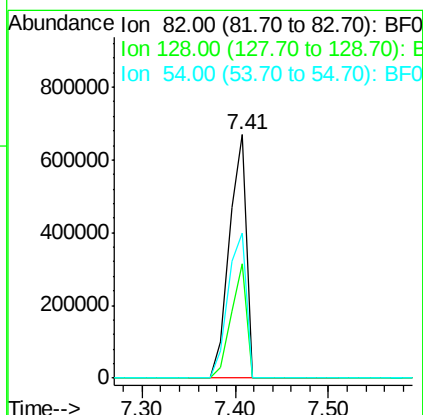
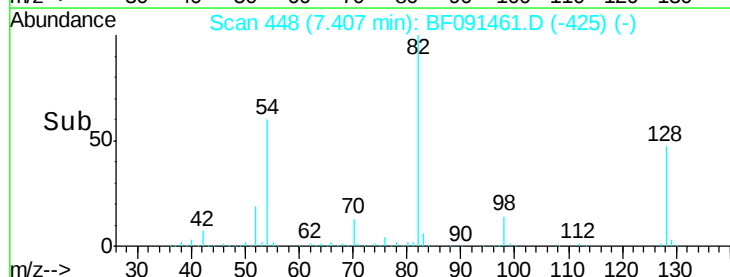
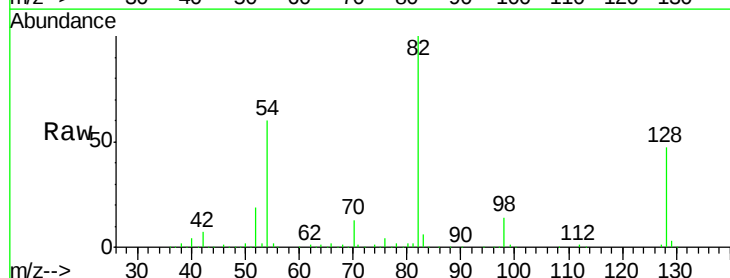
Instrument :
BNA_F
ClientSampleId :
113016-DSDC-F-U-B

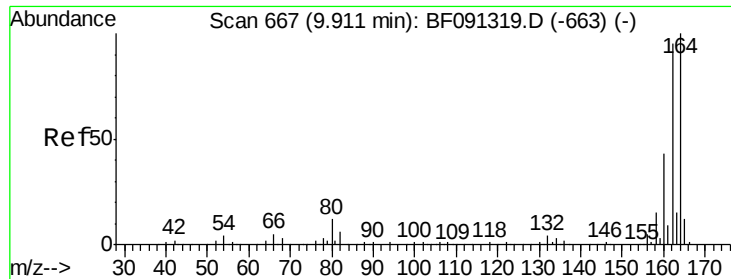
Tgt Ion:	136	Resp:	495100
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	7.7	9.1	13.7#
68	3.8	5.9	8.9#



#23
Nitrobenzene-d5
Concen: 96.71 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.04 min
Lab File: BF091461.D
Acq: 6 Dec 2016 16:25

Tgt Ion:	82	Resp:	854418
Ion	Ratio	Lower	Upper
82	100		
128	46.9	31.8	47.6
54	59.6	49.1	73.7

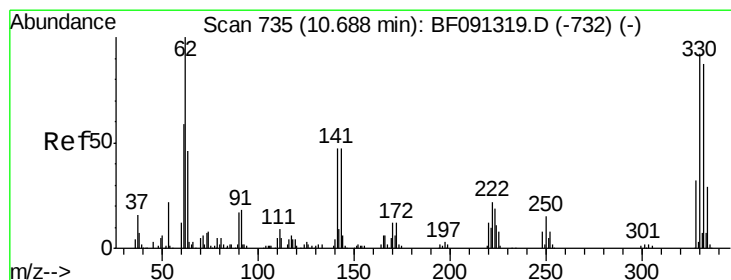
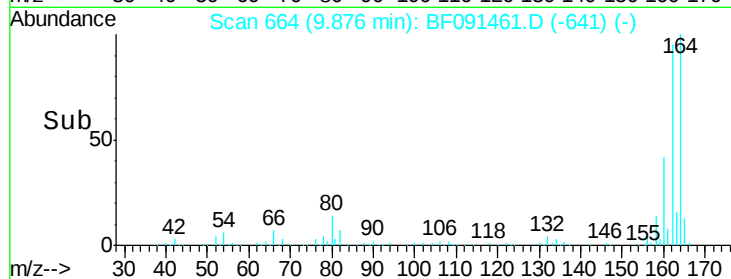
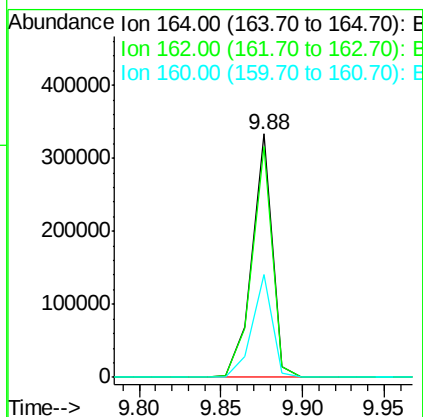
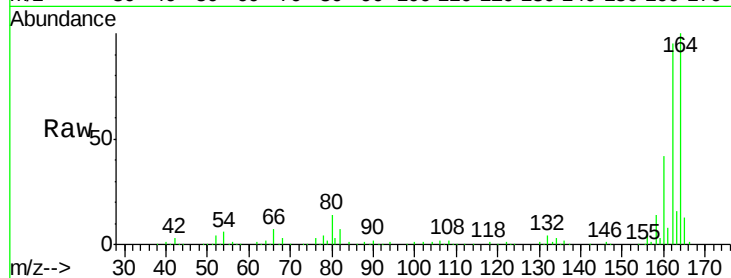




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.04 min
 Lab File: BF091461.D
 Acq: 6 Dec 2016 16:25

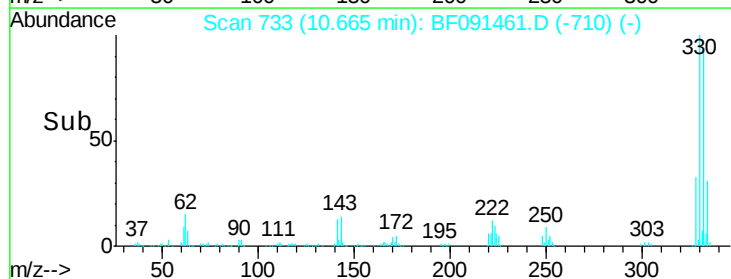
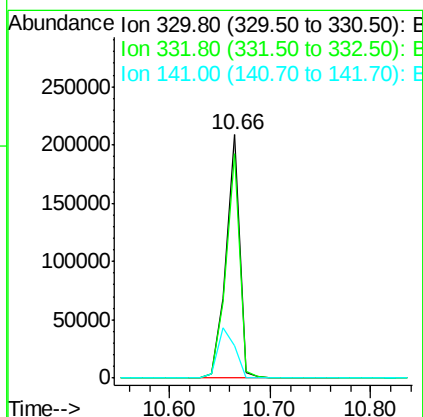
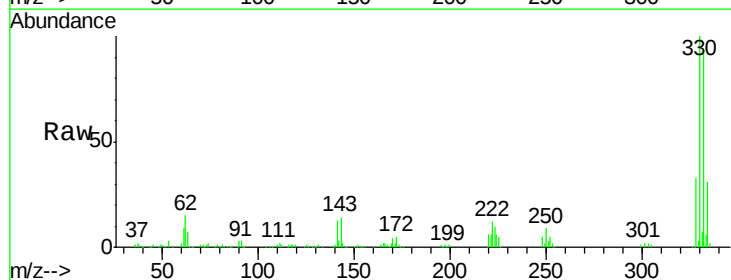
Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-U-B

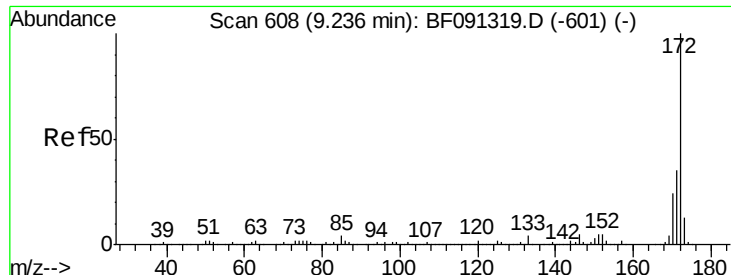
Tgt Ion:164 Resp: 287778
 Ion Ratio Lower Upper
 164 100
 162 94.9 82.6 124.0
 160 42.2 36.7 55.1



#41
 2,4,6-Tribromophenol
 Concen: 72.98 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.04 min
 Lab File: BF091461.D
 Acq: 6 Dec 2016 16:25

Tgt Ion:330 Resp: 198821
 Ion Ratio Lower Upper
 330 100
 332 93.3 76.2 114.4
 141 26.3 33.6 50.4#

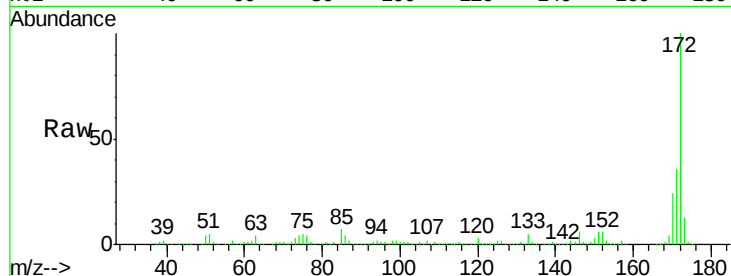




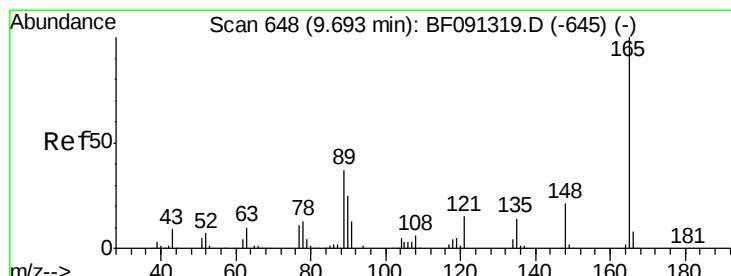
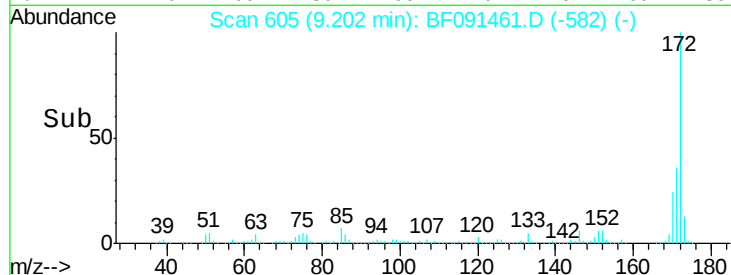
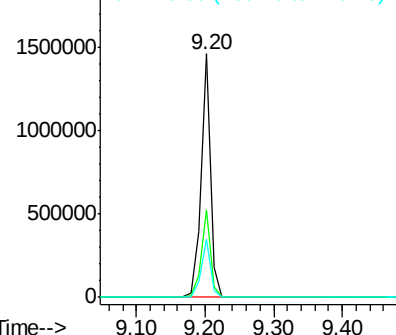
#44
 2-Fluorobiphenyl
 Concen: 89.18 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.04 min
 Lab File: BF091461.D
 Acq: 6 Dec 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-U-B

Tgt Ion:172 Resp: 1417449
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.9 19.7 29.5

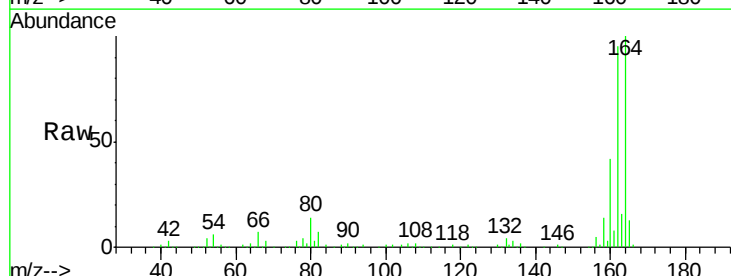


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

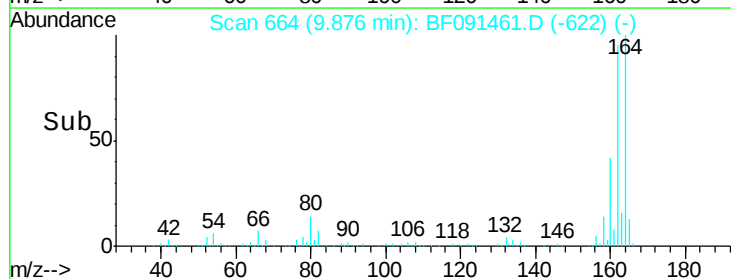
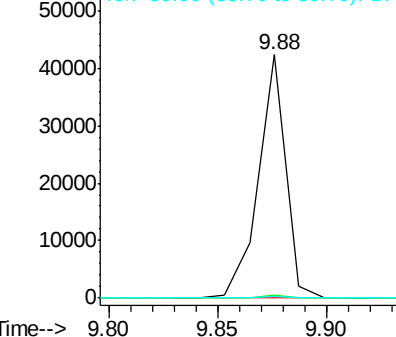


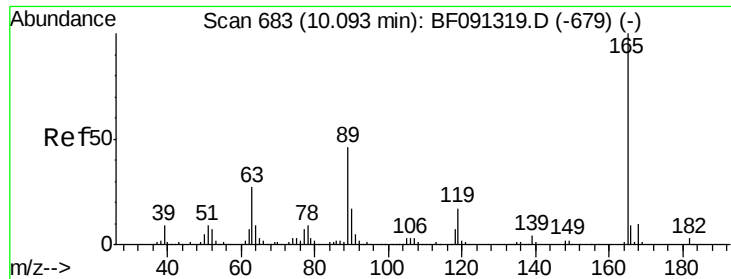
#50
 2,6-Dinitrotoluene
 Concen: 9.58 ng
 RT: 9.88 min Scan# 664
 Delta R.T. 0.18 min
 Lab File: BF091461.D
 Acq: 6 Dec 2016 16:25

Tgt Ion:165 Resp: 37316
 Ion Ratio Lower Upper
 165 100
 63 1.3 59.4 89.0#
 89 0.9 50.8 76.2#



Abundance Ion 165.00 (164.70 to 165.70): E
 50000
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

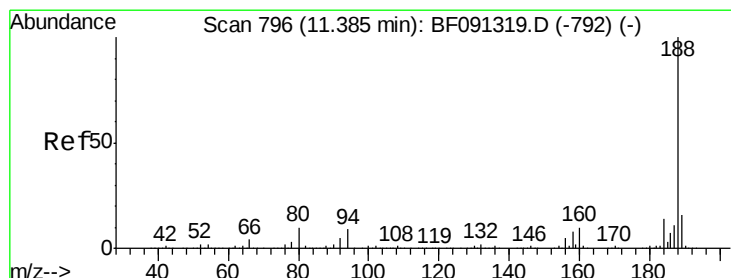
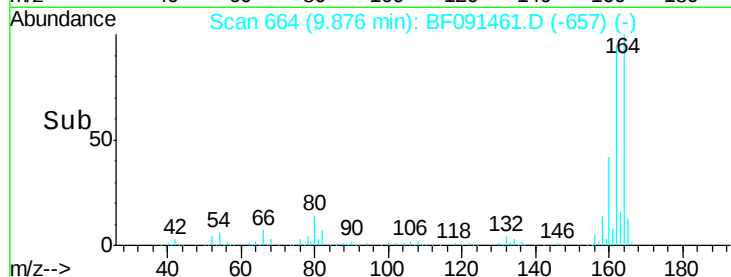
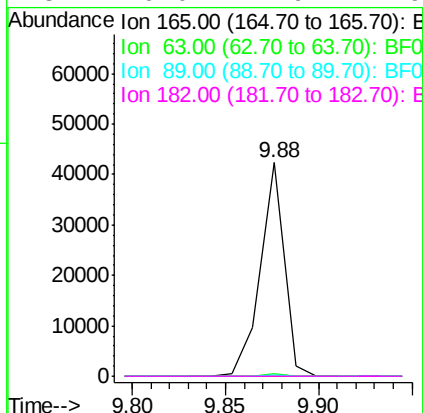
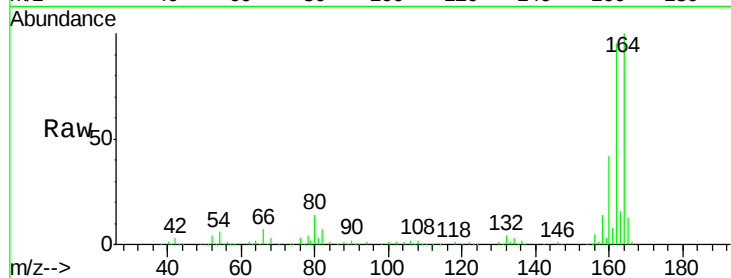




#56
 2,4-Dinitrotoluene
 Concen: 7.38 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.22 min
 Lab File: BF091461.D
 Acq: 6 Dec 2016 16:25

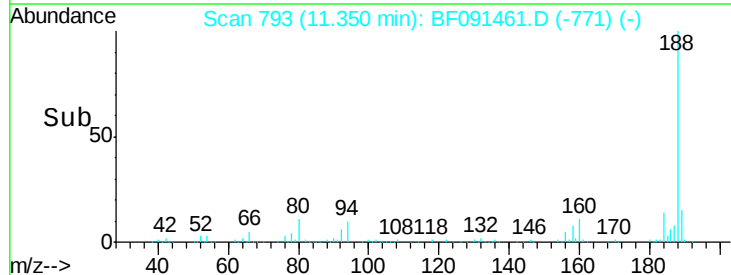
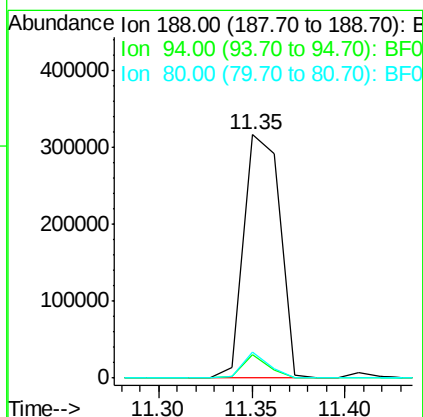
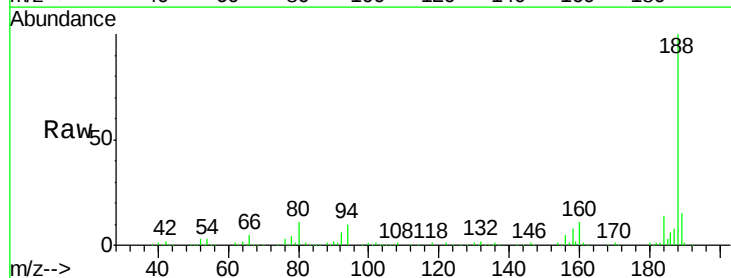
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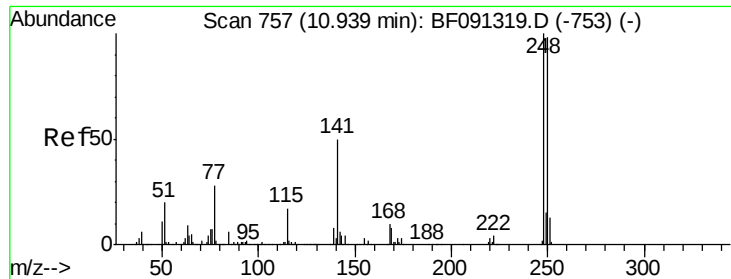
Tgt Ion:	165	Resp:	37309
Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.0	43.4#
89	0.9	43.1	64.7#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.05 min
 Lab File: BF091461.D
 Acq: 6 Dec 2016 16:25

Tgt Ion:	188	Resp:	429471
Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.2	13.8
80	10.6	10.5	15.7

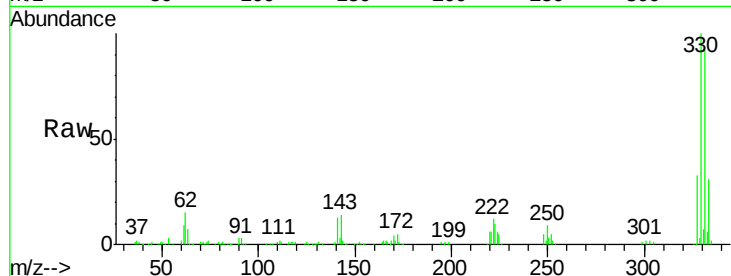




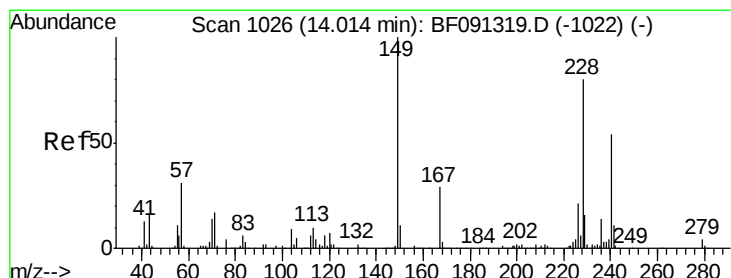
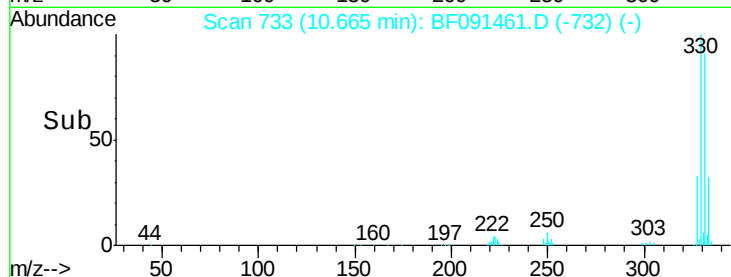
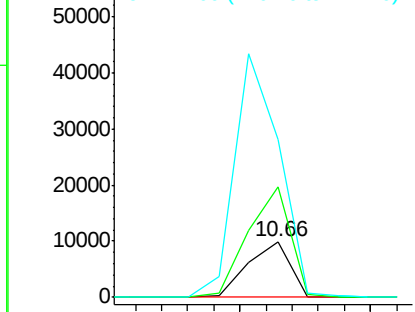
#66
 4-Bromophenyl-phenylether
 Concen: 2.46 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.29 min
 Lab File: BF091461.D
 Acq: 6 Dec 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-U-B

Tgt Ion:248 Resp: 11345
 Ion Ratio Lower Upper
 248 100
 250 198.6 78.2 117.4#
 141 282.7 71.9 107.9#

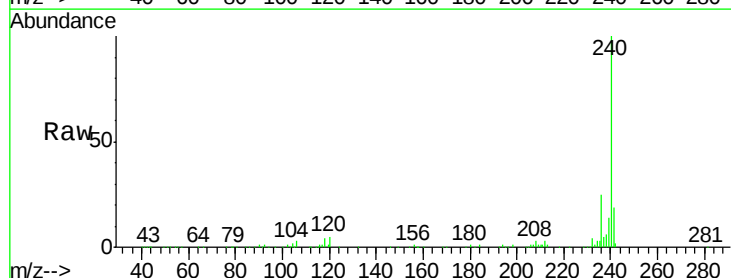


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

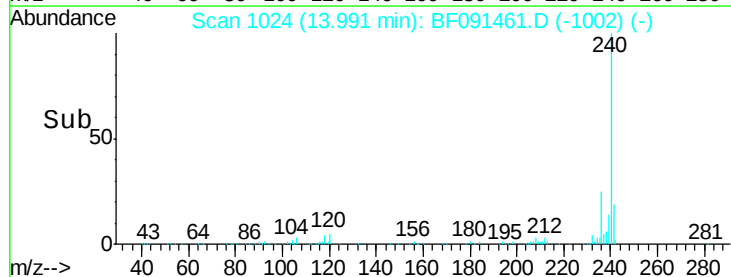
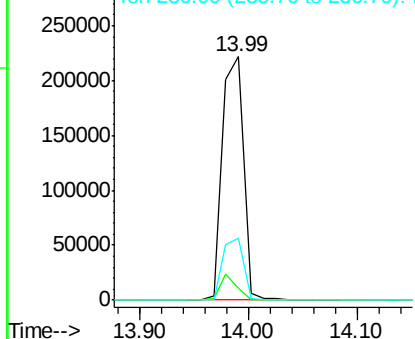


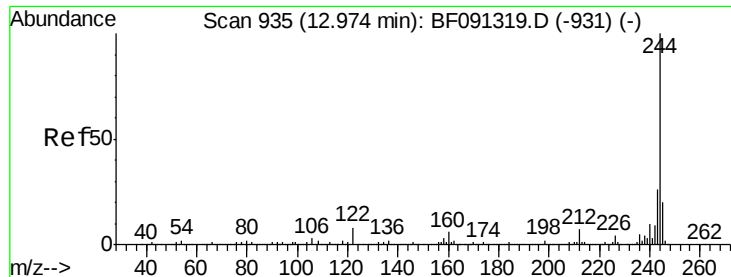
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BF091461.D
 Acq: 6 Dec 2016 16:25

Tgt Ion:240 Resp: 300540
 Ion Ratio Lower Upper
 240 100
 120 4.7 12.1 18.1#
 236 25.2 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

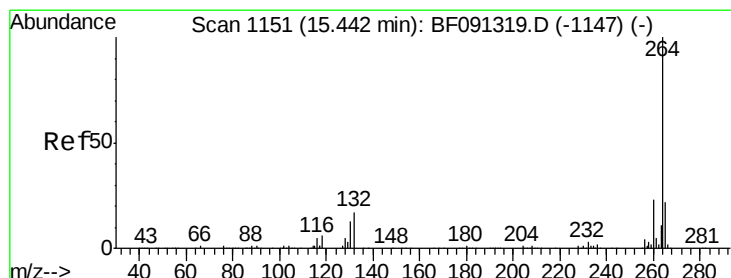
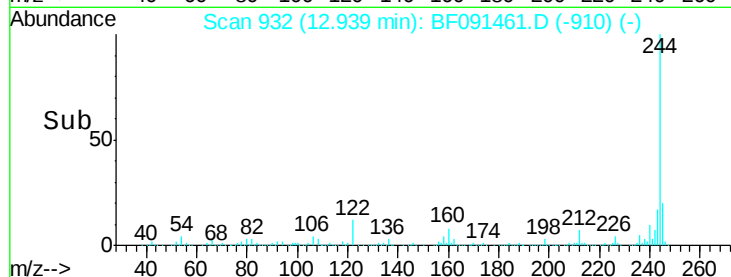
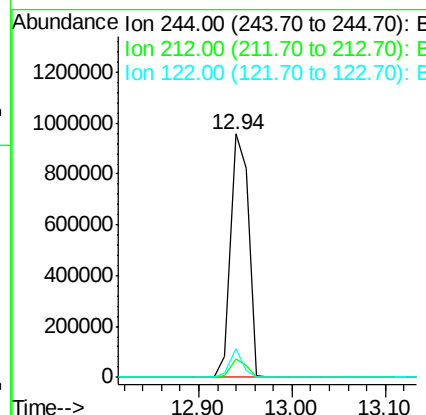
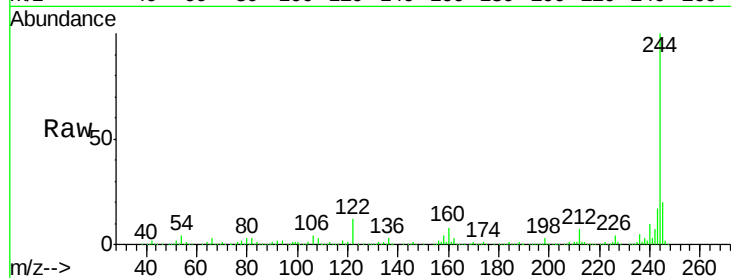




#78
 Terphenyl-d14
 Concen: 93.32 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.05 min
 Lab File: BF091461.D
 Acq: 6 Dec 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-U-B

Tgt Ion:244 Resp: 1290372
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 11.8 9.5 14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.06 min
 Lab File: BF091461.D
 Acq: 6 Dec 2016 16:25

Tgt Ion:264 Resp: 244429
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.6 17.0 25.6

