

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091462.D
 Acq On : 6 Dec 2016 16:53
 Operator : UM/SJ
 Sample : H5740-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 07 00:01:45 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

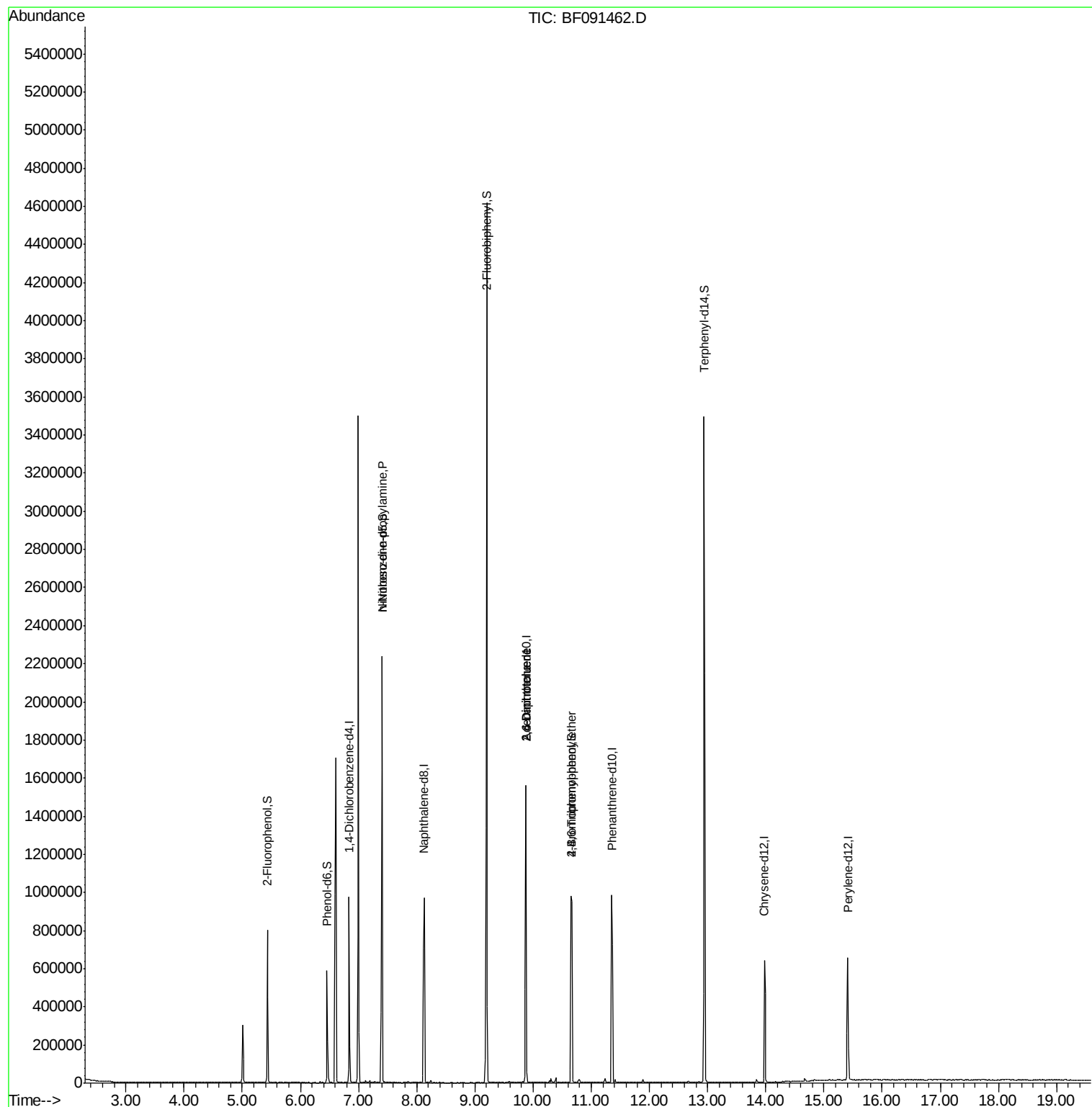
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	134860	20.00	ng	-0.04
21) Naphthalene-d8	8.13	136	572402	20.00	ng	-0.04
38) Acenaphthene-d10	9.88	164	341246	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	505143	20.00	ng	-0.05
75) Chrysene-d12	13.98	240	311337	20.00	ng	-0.06
86) Perylene-d12	15.41	264	297255	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	230611	27.93	ng	-0.04
7) Phenol-d6	6.46	99	185210	18.23	ng	-0.04
23) Nitrobenzene-d5	7.41	82	942541	92.28	ng	-0.04
41) 2,4,6-Tribromophenol	10.66	330	191851	59.39	ng	-0.04
44) 2-Fluorobiphenyl	9.20	172	1479483	78.50	ng	-0.04
78) Terphenyl-d14	12.94	244	1500450	104.75	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	128452	20.06	ng	# 68
50) 2,6-Dinitrotoluene	9.88	165	44812	9.70	ng	# 16
56) 2,4-Dinitrotoluene	9.88	165	44816	7.48	ng	# 33
66) 4-Bromophenyl-phenylether	10.66	248	11508	2.12	ng	# 1

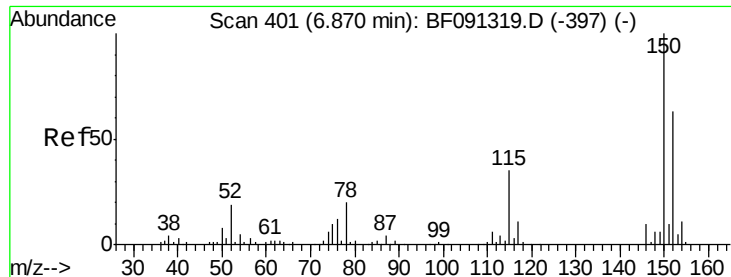
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091462.D
Acq On : 6 Dec 2016 16:53
Operator : UM/SJ
Sample : H5740-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 07 00:01:45 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.04 min

Lab File: BF091462.D

Acq: 6 Dec 2016 16:53

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-U-S

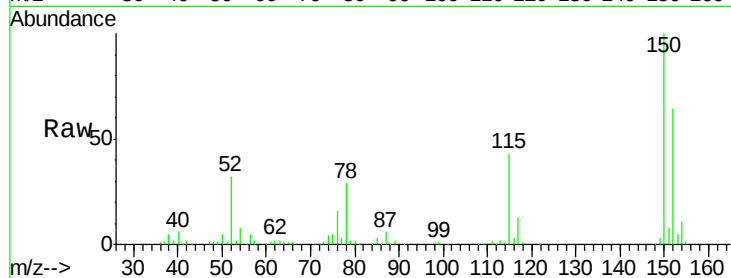
Tgt Ion:152 Resp: 134860

Ion Ratio Lower Upper

152 100

150 156.5 122.5 183.7

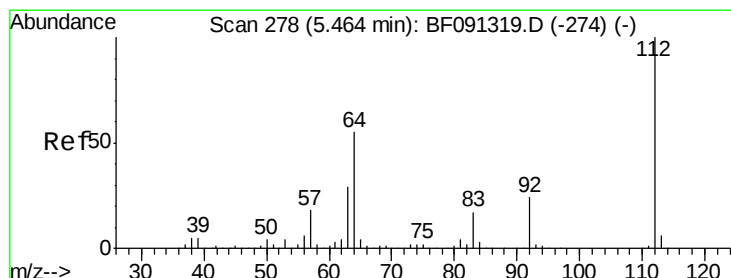
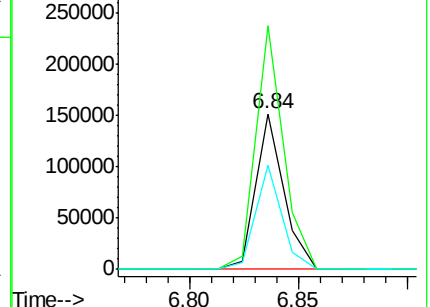
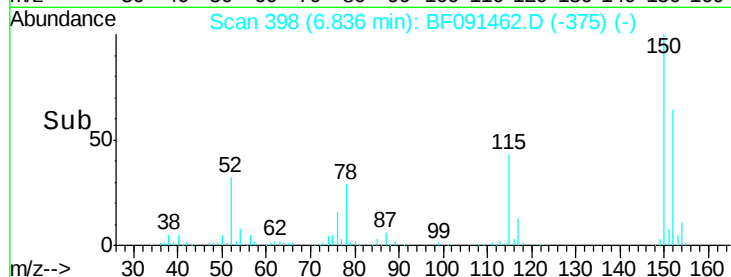
115 66.7 51.8 77.8



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: 27.93 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.04 min

Lab File: BF091462.D

Acq: 6 Dec 2016 16:53

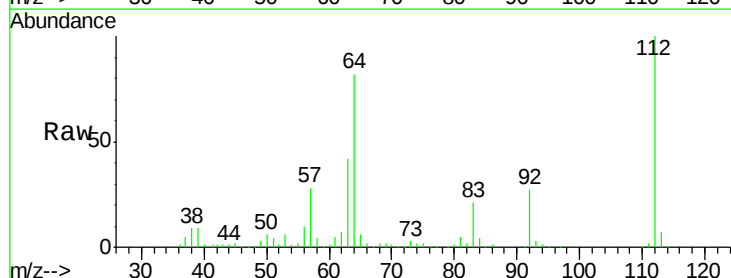
Tgt Ion:112 Resp: 230611

Ion Ratio Lower Upper

112 100

64 81.5 61.5 92.3

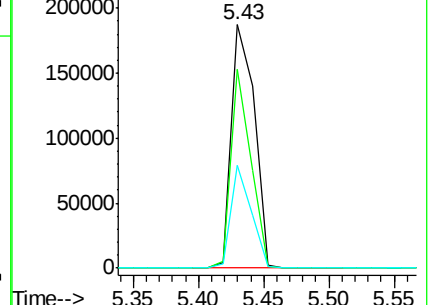
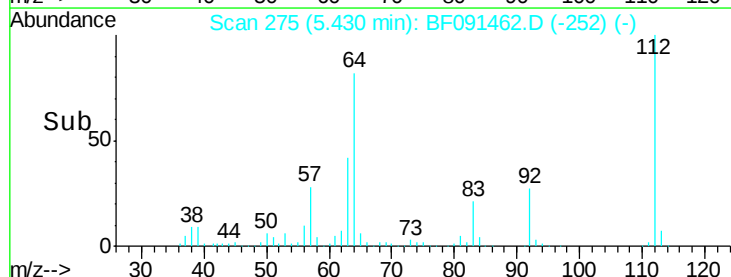
63 42.4 33.3 49.9

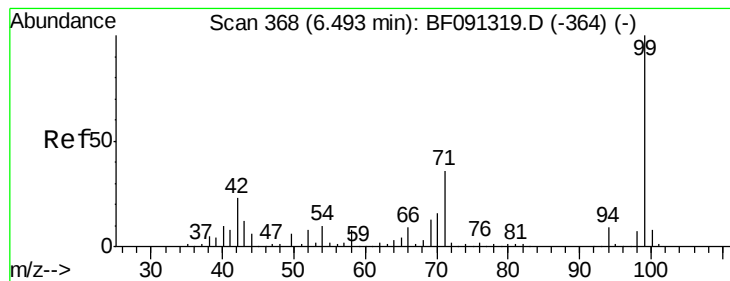


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.23 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091462.D

Acq: 6 Dec 2016 16:53

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-U-S

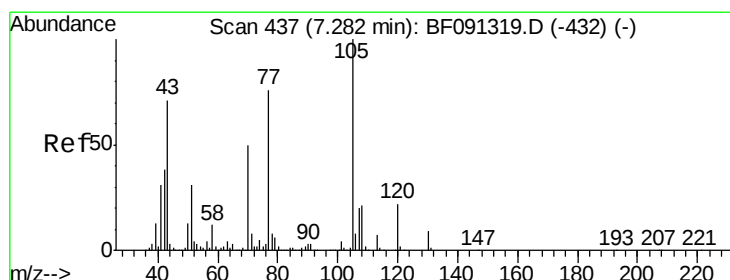
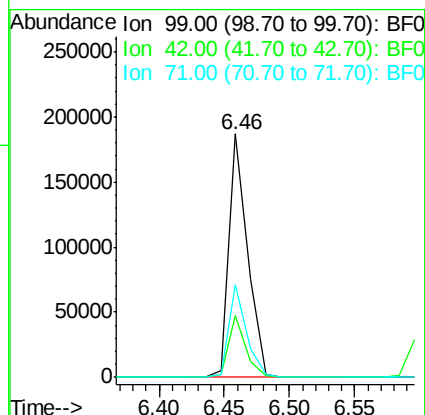
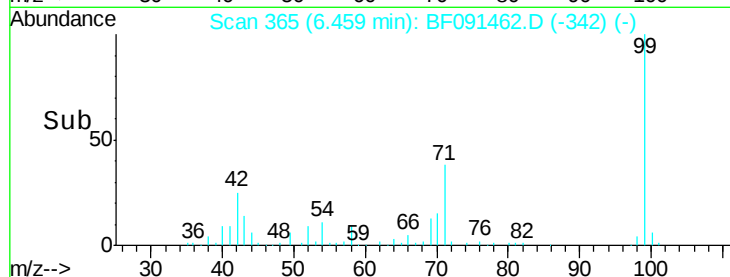
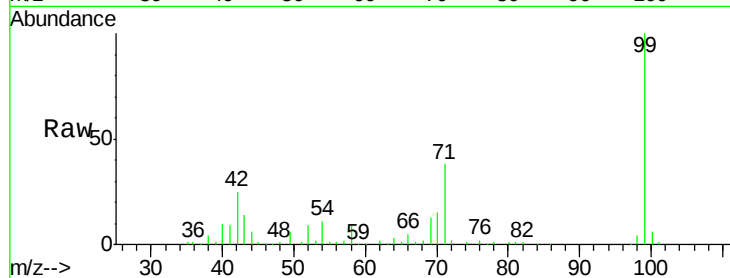
Tgt Ion: 99 Resp: 185210

Ion Ratio Lower Upper

99 100

42 25.5 20.6 31.0

71 37.9 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 20.06 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.11 min

Lab File: BF091462.D

Acq: 6 Dec 2016 16:53

Tgt Ion: 70 Resp: 128452

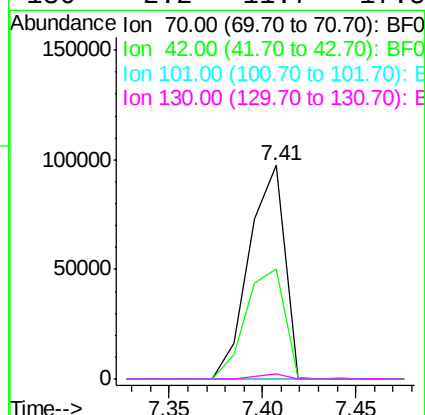
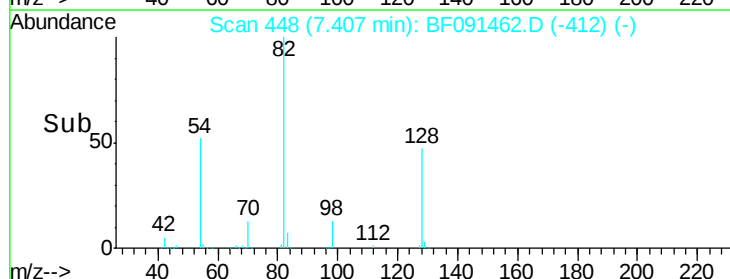
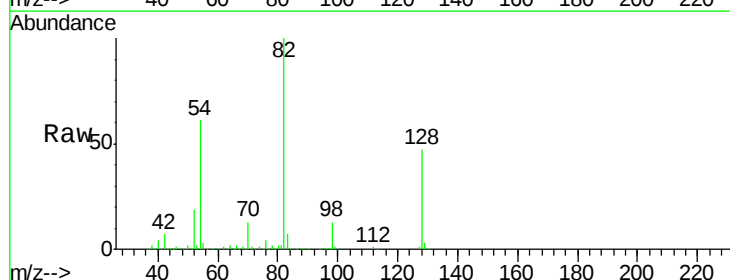
Ion Ratio Lower Upper

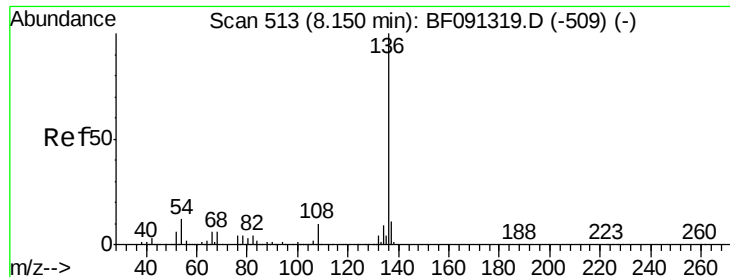
70 100

42 51.4 64.8 97.2#

101 0.0 6.2 9.4#

130 2.2 11.7 17.5#

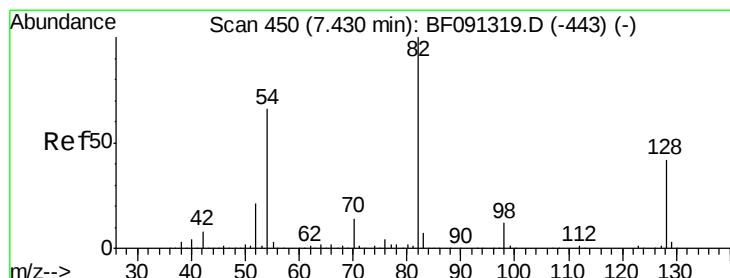
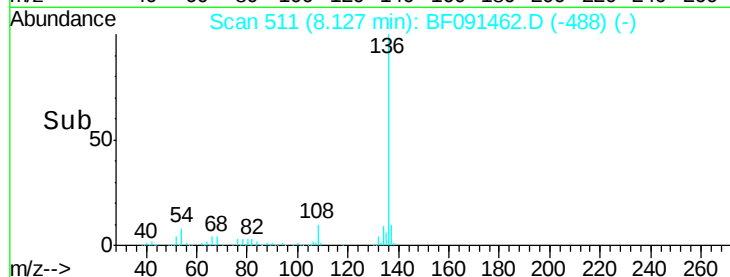
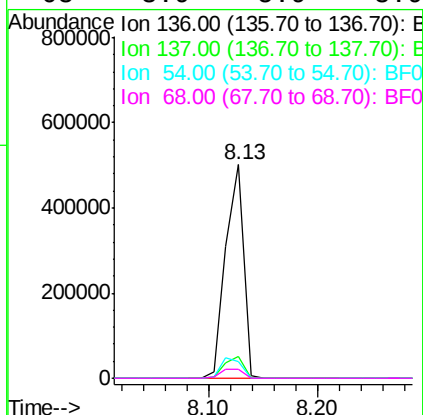
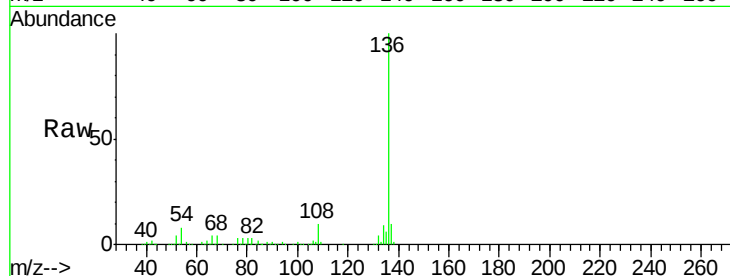




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.04 min
Lab File: BF091462.D
Acq: 6 Dec 2016 16:53

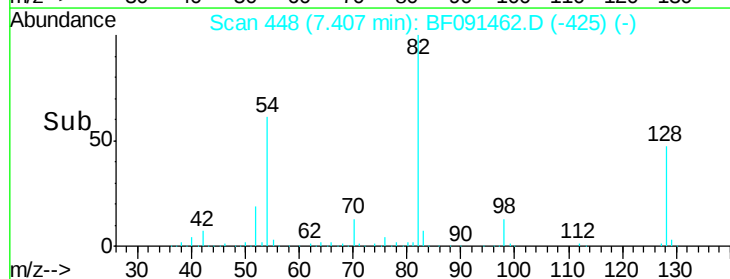
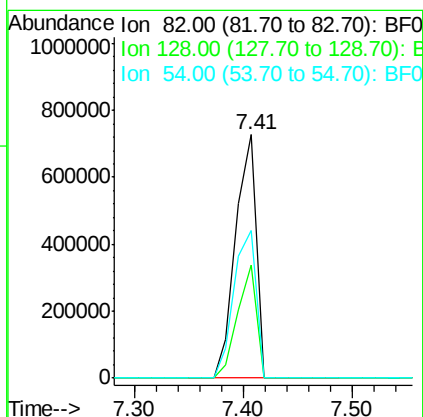
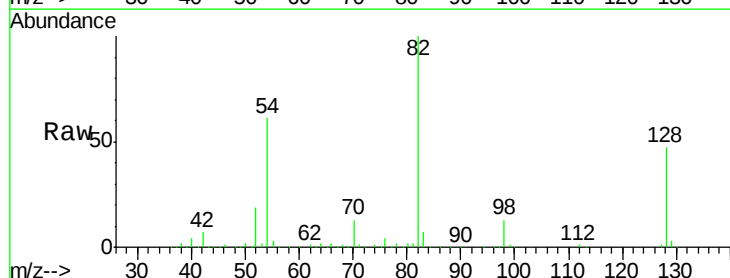
Instrument :
BNA_F
ClientSampleId :
113016-DSDC-F-U-S

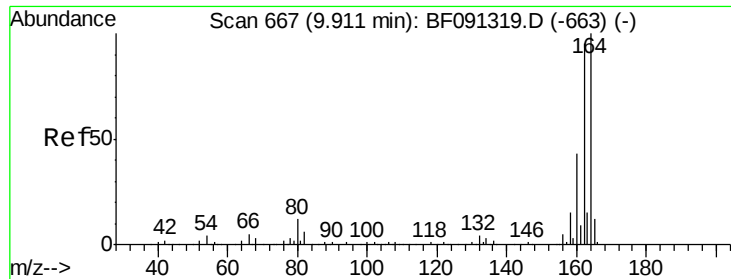
Tgt Ion:	136	Resp:	572402
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	8.0	9.1	13.7#
68	3.9	5.9	8.9#



#23
Nitrobenzene-d5
Concen: 92.28 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.04 min
Lab File: BF091462.D
Acq: 6 Dec 2016 16:53

Tgt Ion:	82	Resp:	942541
Ion	Ratio	Lower	Upper
82	100		
128	46.6	31.8	47.6
54	60.7	49.1	73.7

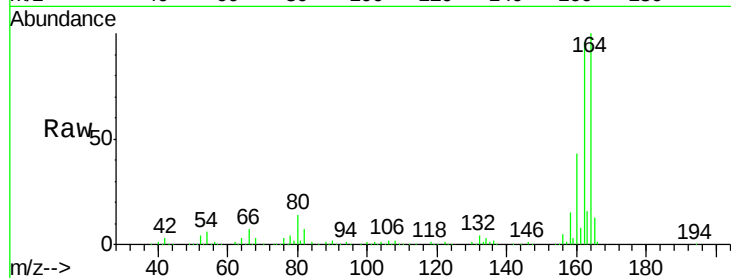




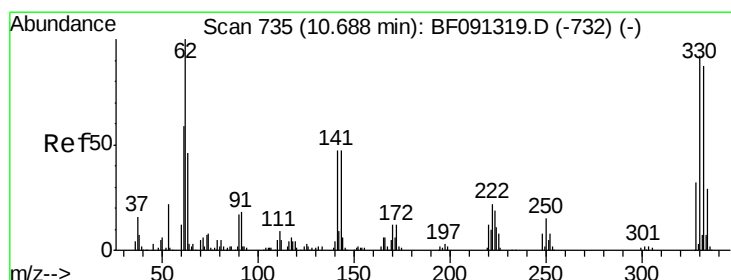
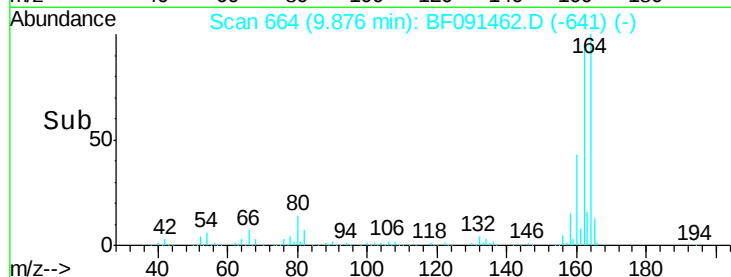
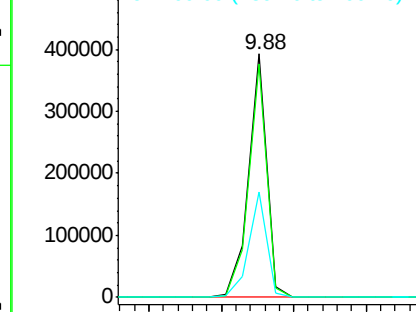
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.04 min
Lab File: BF091462.D
Acq: 6 Dec 2016 16:53

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

Tgt Ion:164 Resp: 341246
Ion Ratio Lower Upper
164 100
162 95.9 82.6 124.0
160 43.2 36.7 55.1

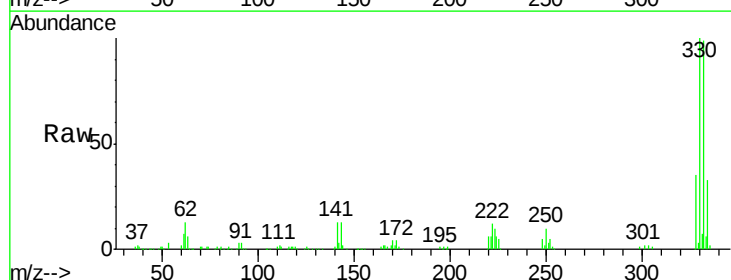


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

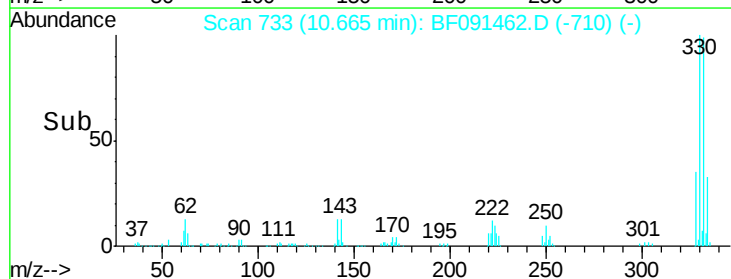
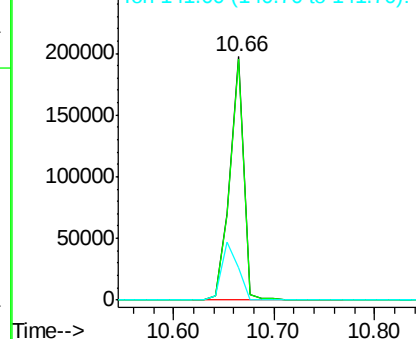


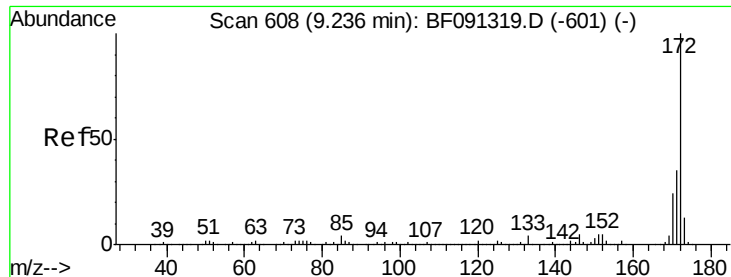
#41
2,4,6-Tribromophenol
Concen: 59.39 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.04 min
Lab File: BF091462.D
Acq: 6 Dec 2016 16:53

Tgt Ion:330 Resp: 191851
Ion Ratio Lower Upper
330 100
332 98.5 76.2 114.4
141 27.5 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

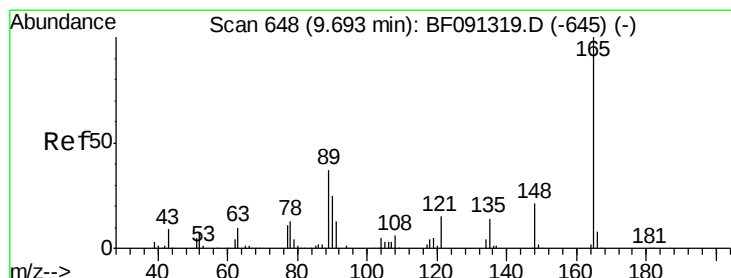
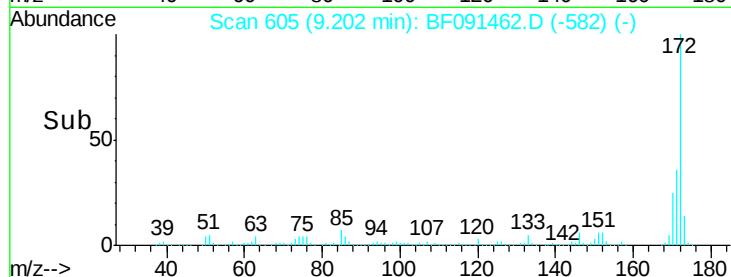
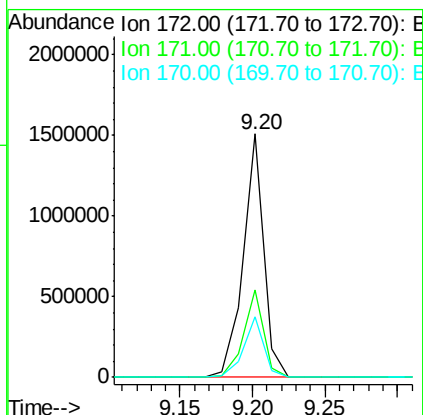
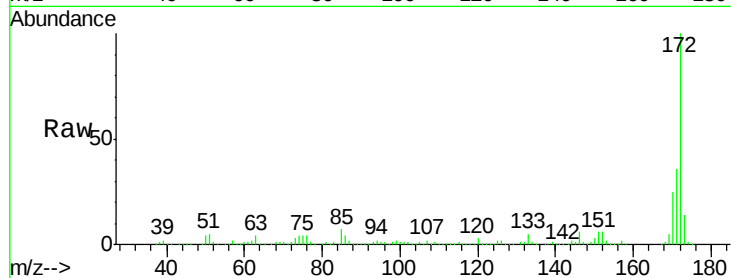




#44
 2-Fluorobiphenyl
 Concen: 78.50 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.04 min
 Lab File: BF091462.D
 Acq: 6 Dec 2016 16:53

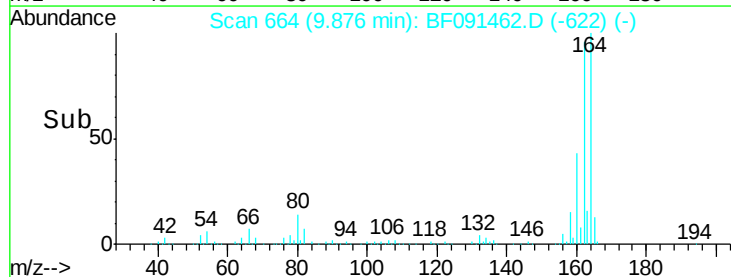
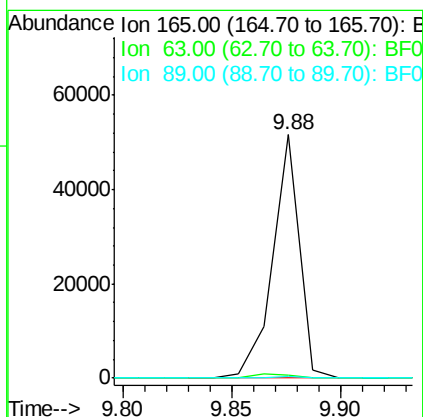
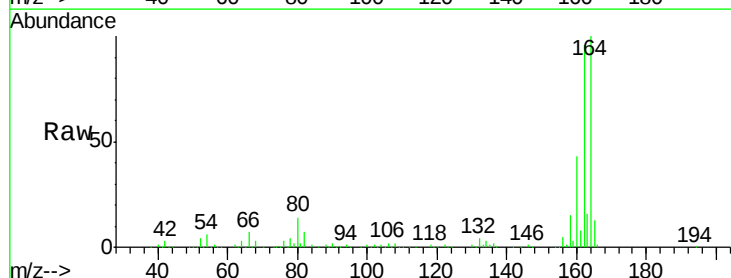
Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-U-S

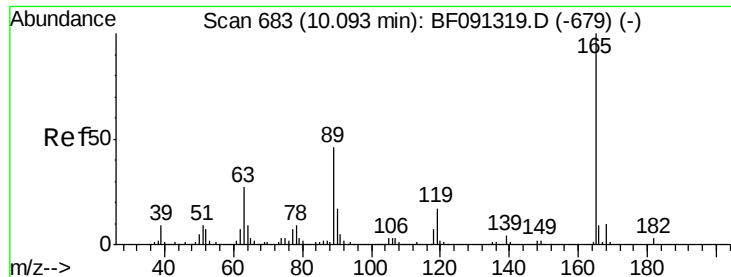
Tgt Ion:172 Resp: 1479483
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.6 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 9.70 ng
 RT: 9.88 min Scan# 664
 Delta R.T. 0.18 min
 Lab File: BF091462.D
 Acq: 6 Dec 2016 16:53

Tgt Ion:165 Resp: 44812
 Ion Ratio Lower Upper
 165 100
 63 1.2 59.4 89.0#
 89 0.9 50.8 76.2#

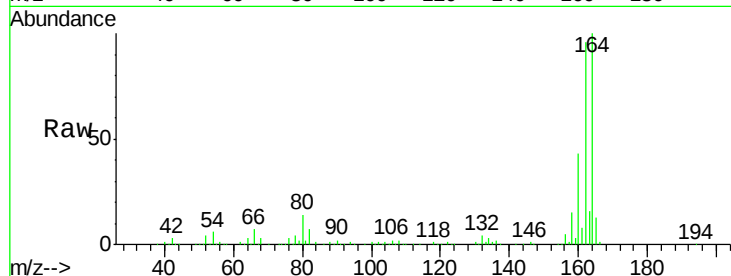




#56
 2,4-Dinitrotoluene
 Concen: 7.48 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.22 min
 Lab File: BF091462.D
 Acq: 6 Dec 2016 16:53

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

Tgt Ion:	165	Resp:	44816
Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.0	43.4#
89	0.9	43.1	64.7#
182	0.0	1.9	2.9#

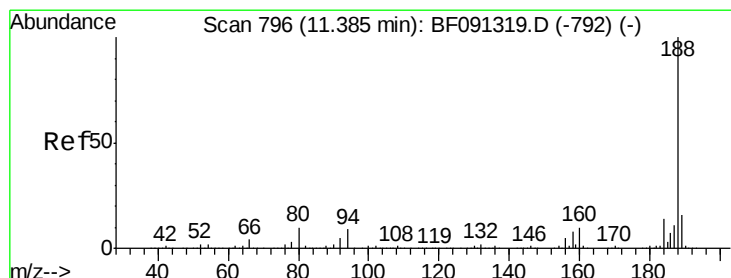
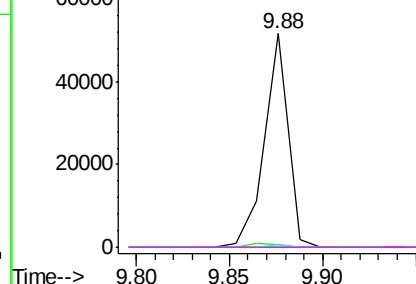
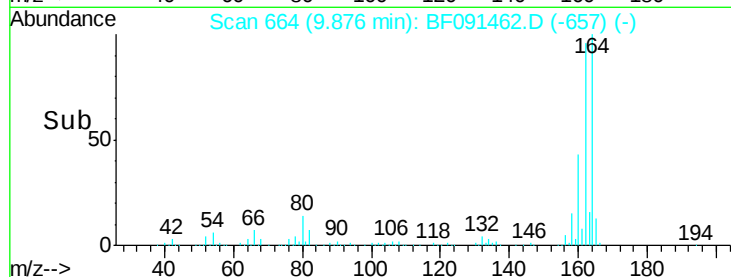


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

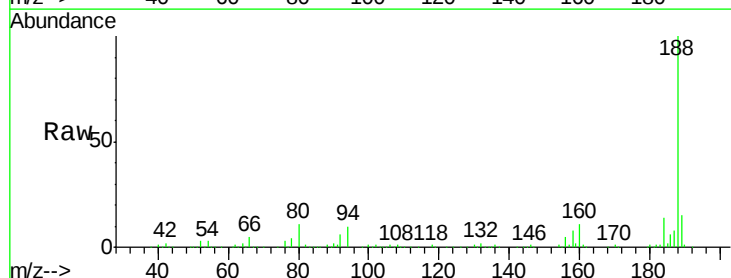
Ion 89.00 (88.70 to 89.70): BF0

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: BF091462.D
 Acq: 6 Dec 2016 16:53

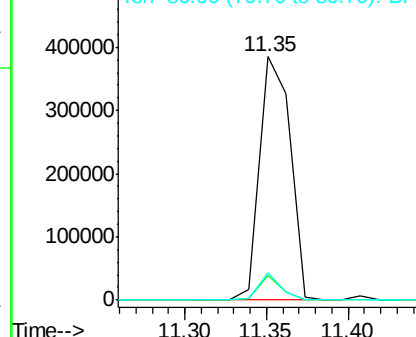
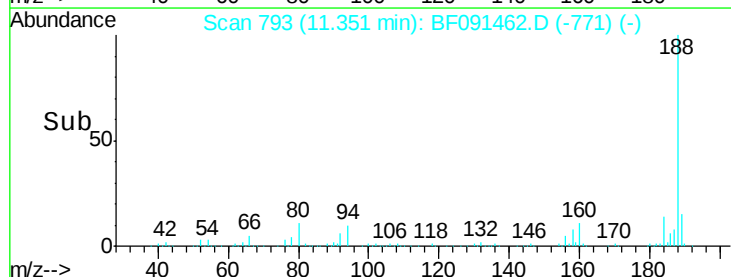
Tgt Ion:	188	Resp:	505143
Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.2	13.8
80	11.5	10.5	15.7

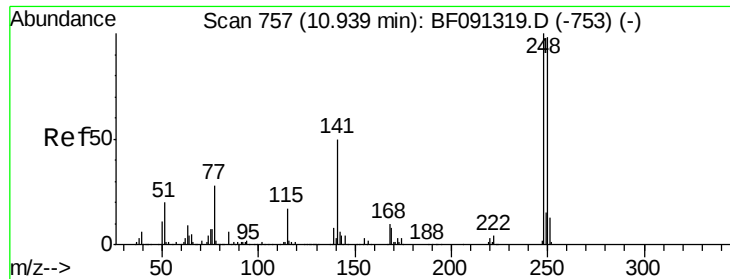


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

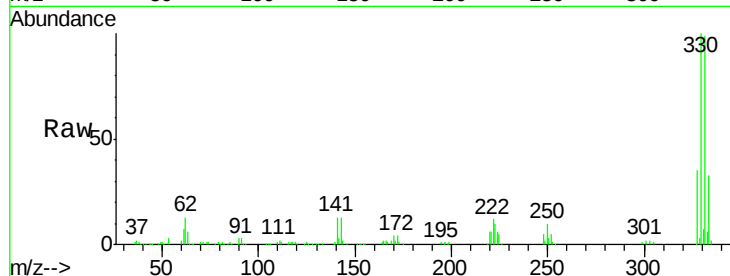




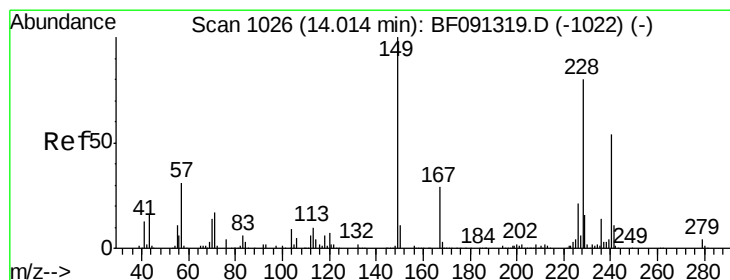
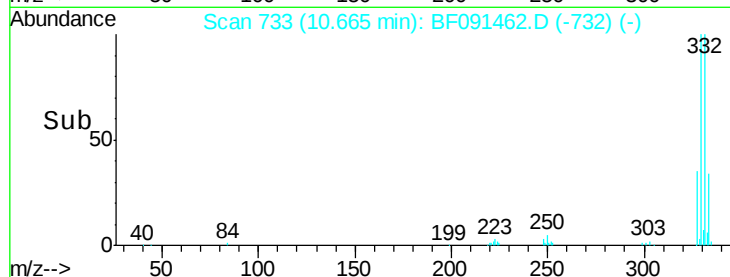
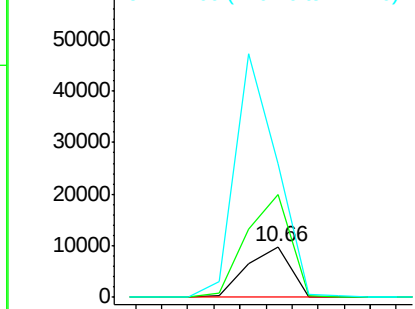
#66
4-Bromophenyl-phenylether
Concen: 2.12 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.29 min
Lab File: BF091462.D
Acq: 6 Dec 2016 16:53

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

Tgt Ion:248 Resp: 11508
Ion Ratio Lower Upper
248 100
250 202.0 78.2 117.4#
141 261.5 71.9 107.9#

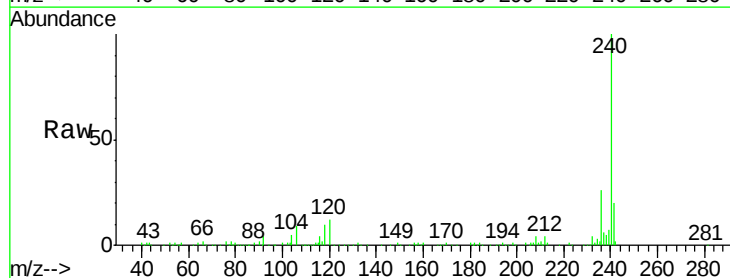


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

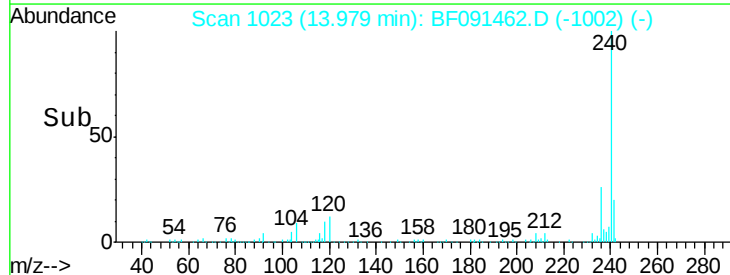
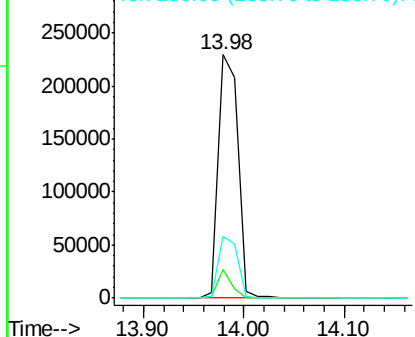


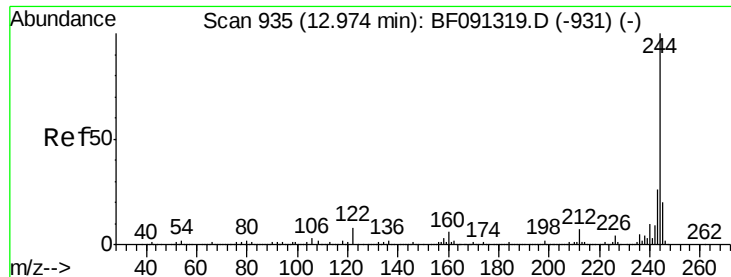
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.06 min
Lab File: BF091462.D
Acq: 6 Dec 2016 16:53

Tgt Ion:240 Resp: 311337
Ion Ratio Lower Upper
240 100
120 11.7 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

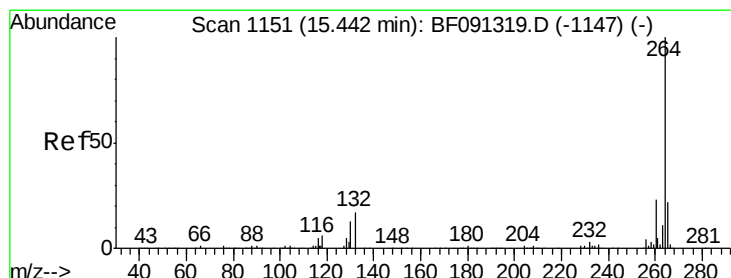
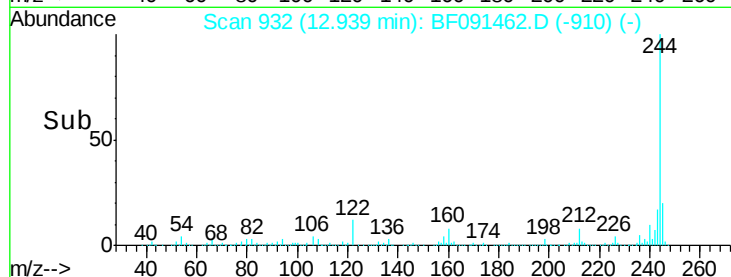
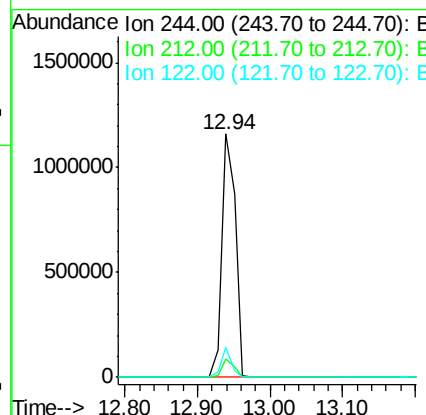
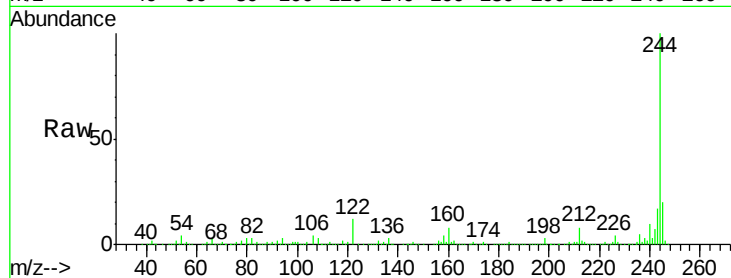




#78
 Terphenyl-d14
 Concen: 104.75 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.05 min
 Lab File: BF091462.D
 Acq: 6 Dec 2016 16:53

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

Tgt Ion:244 Resp: 1500450
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 12.3 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: BF091462.D
 Acq: 6 Dec 2016 16:53

Tgt Ion:264 Resp: 297255
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.1 17.0 25.6

