

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
 Data File : BF091357.D
 Acq On : 30 Nov 2016 16:33
 Operator : UM/SJ
 Sample : H5767-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-D-B

Quant Time: Dec 01 00:16:19 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

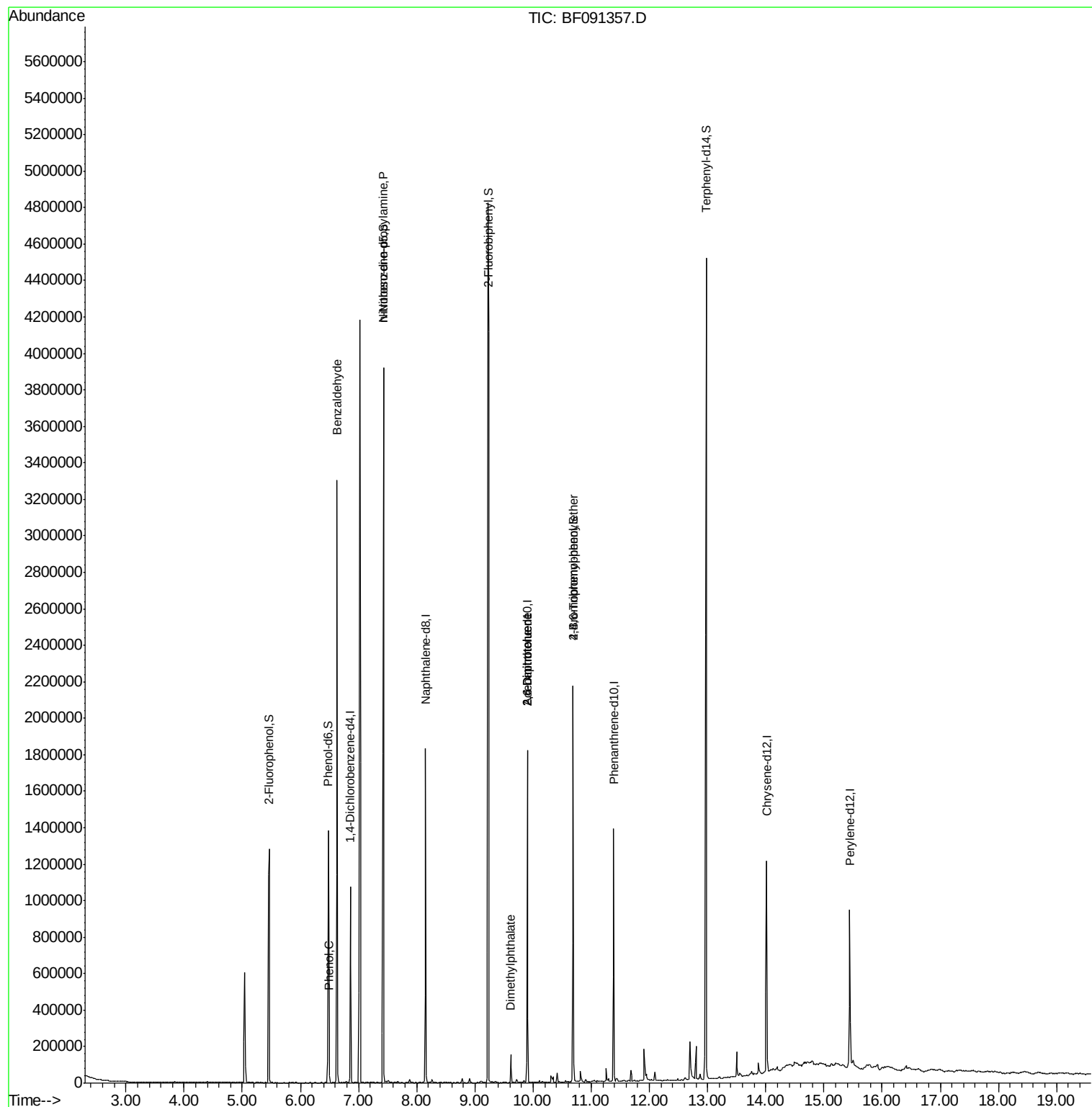
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	192654	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	788509	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	382126	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	571634	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	426464	20.00	ng	-0.03
86) Perylene-d12	15.44	264	384228	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	447827	37.97	ng	0.00
7) Phenol-d6	6.48	99	360928	24.86	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1322576	94.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	262171	72.47	ng	-0.02
44) 2-Fluorobiphenyl	9.24	172	2301634	109.06	ng	0.00
78) Terphenyl-d14	12.97	244	1704155	86.85	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	20312	2.18	ng	Qvalue 90
10) Phenol	6.49	94	38484	2.25	ng	93
19) n-Nitroso-di-n-propylamine	7.43	70	187333	20.48	ng	# 71
49) Dimethylphthalate	9.61	163	71339	3.08	ng	97
50) 2,6-Dinitrotoluene	9.90	165	50385	9.74	ng	# 17
56) 2,4-Dinitrotoluene	9.90	165	50375	7.51	ng	# 34
66) 4-Bromophenyl-phenylether	10.69	248	17423	2.84	ng	# 1

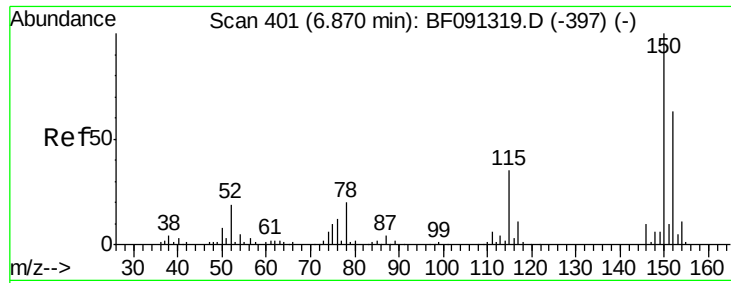
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
Data File : BF091357.D
Acq On : 30 Nov 2016 16:33
Operator : UM/SJ
Sample : H5767-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
112216-DSDC-E-D-B

Quant Time: Dec 01 00:16:19 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

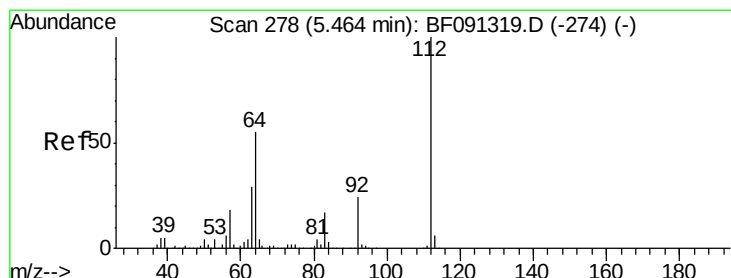
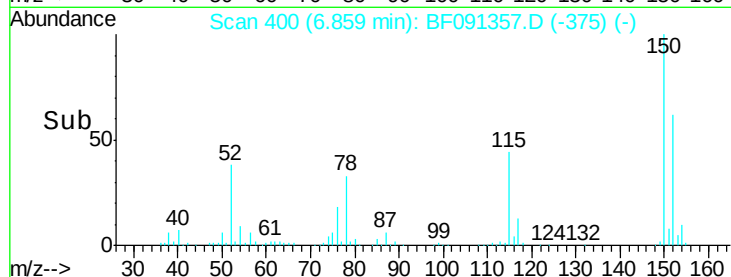
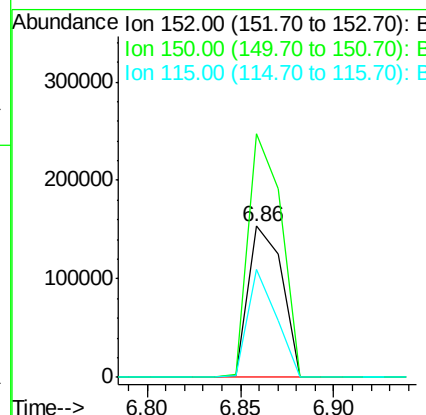
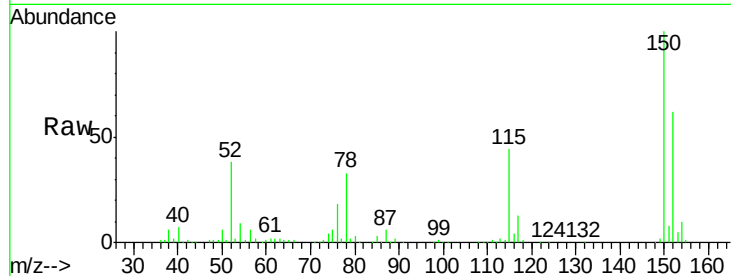




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF091357.D
 Acq: 30 Nov 2016 16:33

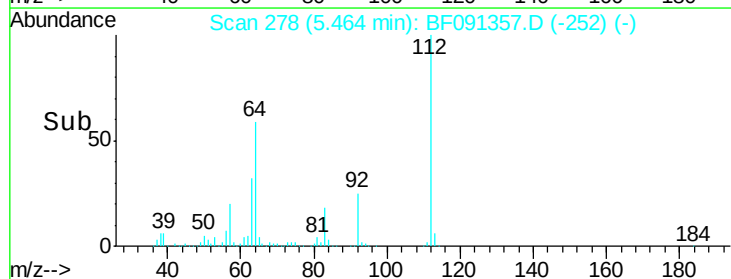
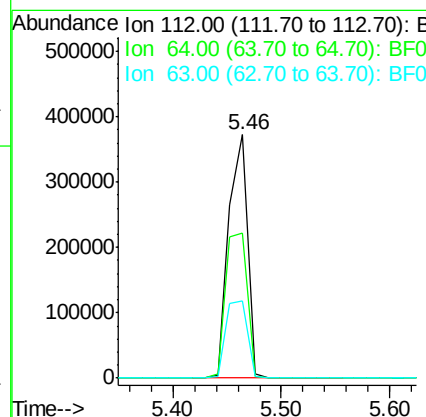
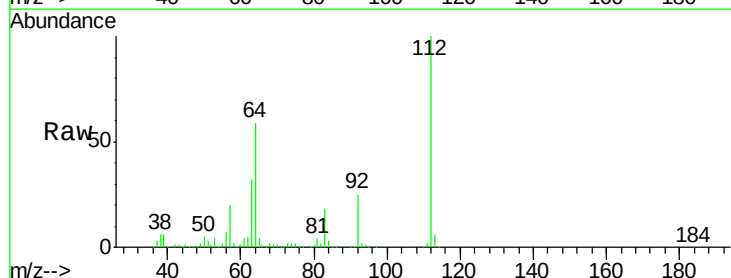
Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-D-B

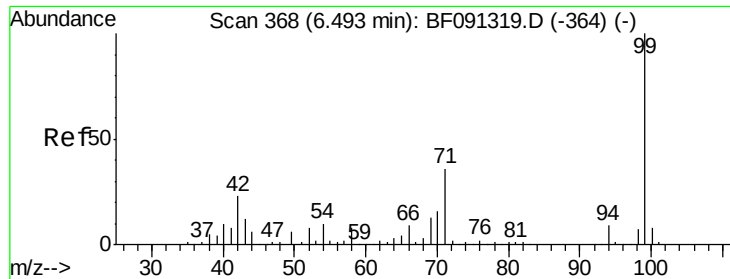
Tgt Ion:152 Resp: 192654
 Ion Ratio Lower Upper
 152 100
 150 161.2 122.5 183.7
 115 71.2 51.8 77.8



#5
 2-Fluorophenol
 Concen: 37.97 ng
 RT: 5.46 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: BF091357.D
 Acq: 30 Nov 2016 16:33

Tgt Ion:112 Resp: 447827
 Ion Ratio Lower Upper
 112 100
 64 59.5 61.5 92.3#
 63 31.5 33.3 49.9#





#7

Phenol-d6

Concen: 24.86 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091357.D

Acq: 30 Nov 2016 16:33

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-D-B

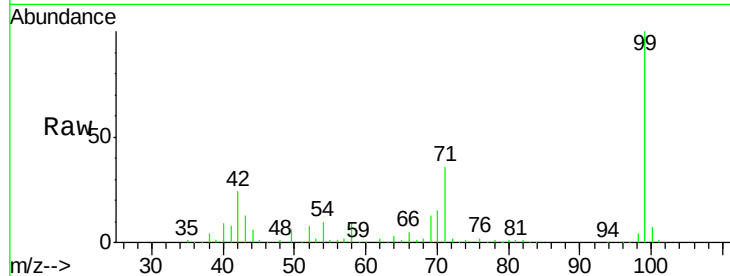
Tgt Ion: 99 Resp: 360928

Ion Ratio Lower Upper

99 100

42 24.3 20.6 31.0

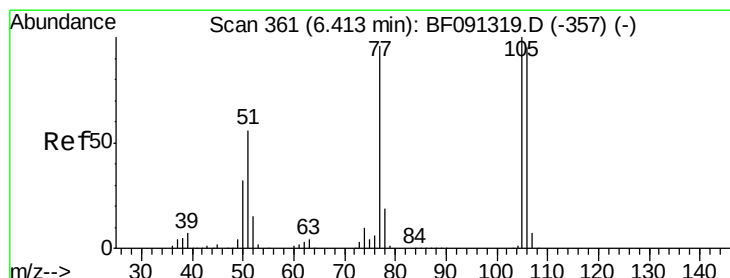
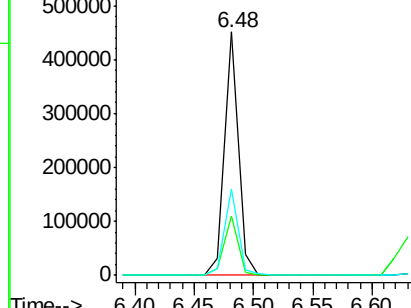
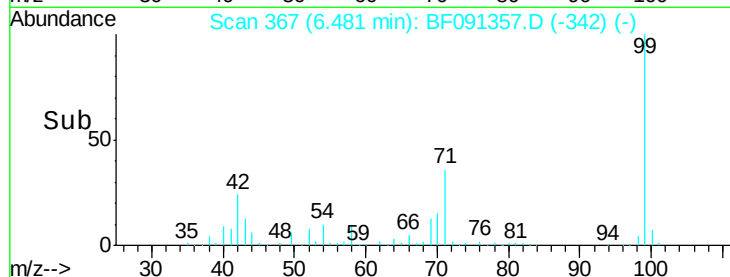
71 35.6 29.9 44.9



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



#9

Benzaldehyde

Concen: 2.18 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091357.D

Acq: 30 Nov 2016 16:33

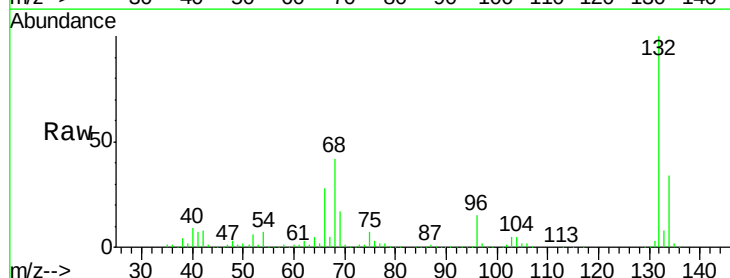
Tgt Ion: 77 Resp: 20312

Ion Ratio Lower Upper

77 100

105 77.6 66.4 106.4

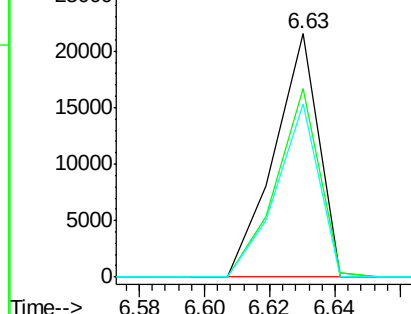
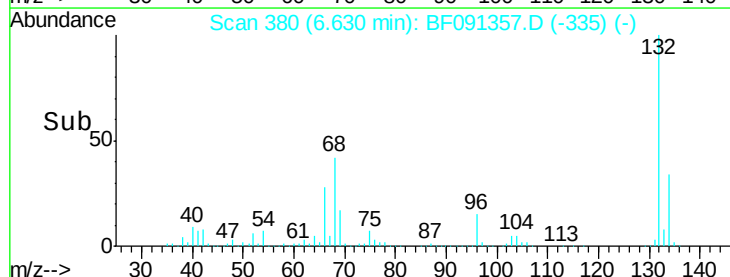
106 71.4 60.9 100.9

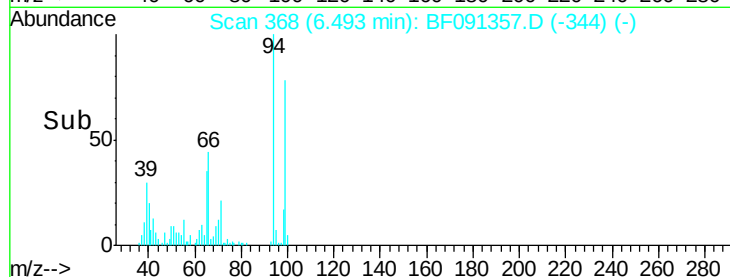
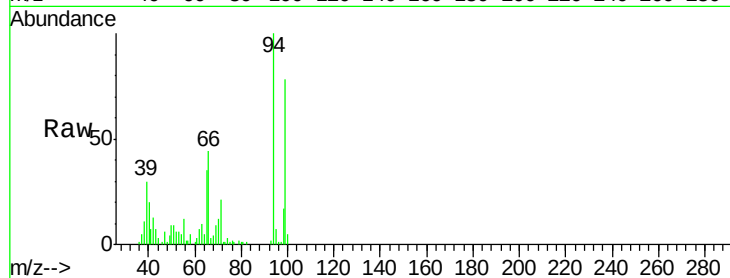
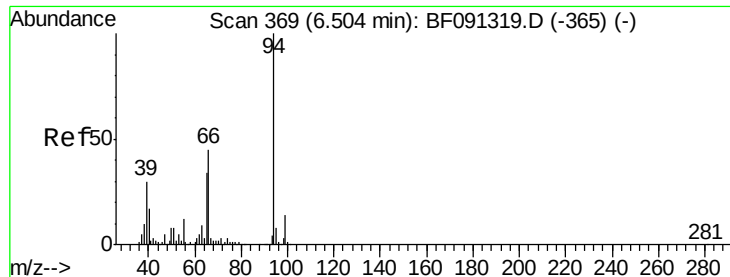


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.25 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF091357.D

Acq: 30 Nov 2016 16:33

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-D-B

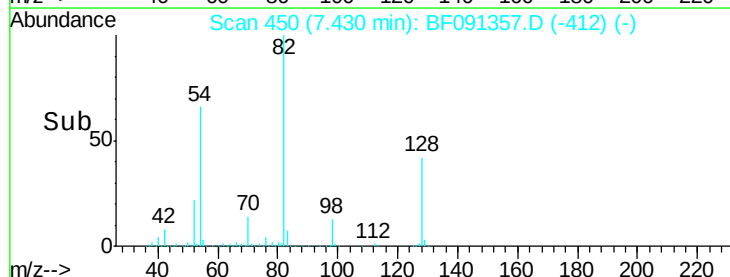
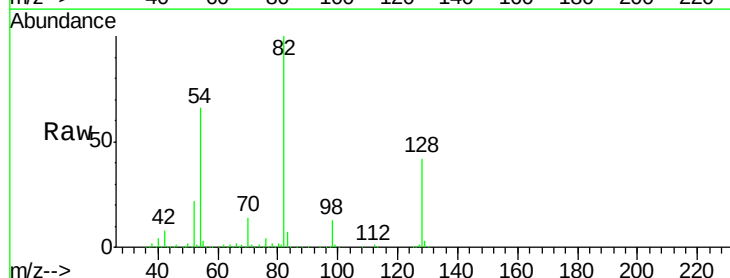
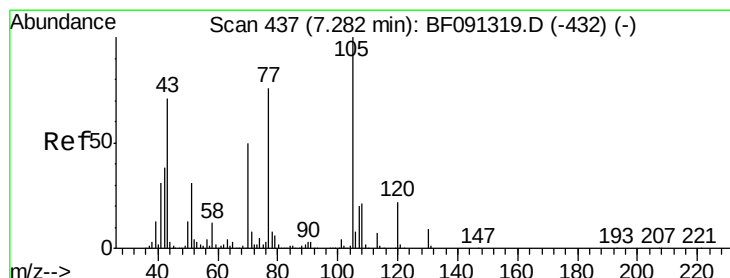
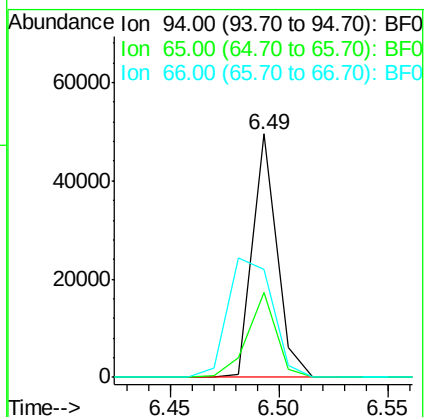
Tgt Ion: 94 Resp: 38484

Ion Ratio Lower Upper

94 100

65 34.7 16.9 56.9

66 44.5 30.6 70.6



#19

n-Nitroso-di-n-propylamine

Concen: 20.48 ng

RT: 7.43 min Scan# 450

Delta R.T. 0.13 min

Lab File: BF091357.D

Acq: 30 Nov 2016 16:33

Tgt Ion: 70 Resp: 187333

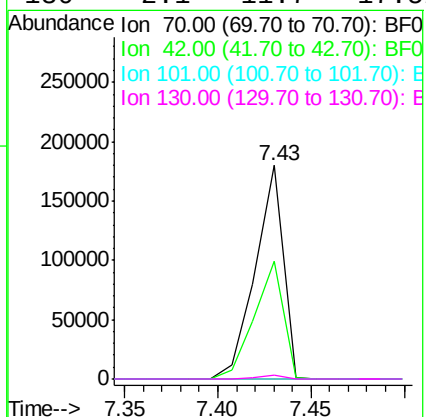
Ion Ratio Lower Upper

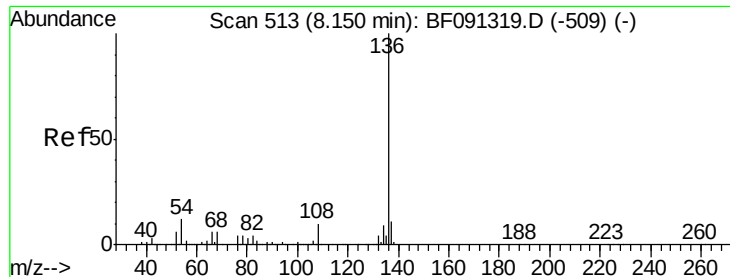
70 100

42 54.9 64.8 97.2#

101 0.0 6.2 9.4#

130 2.1 11.7 17.5#

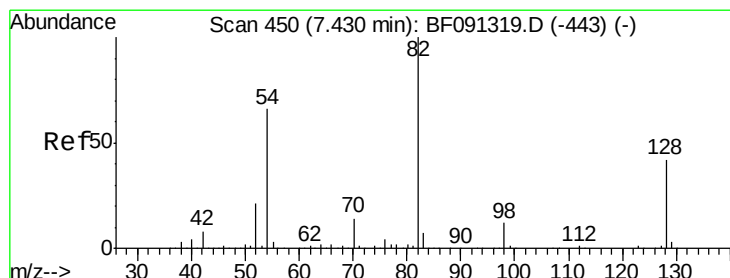
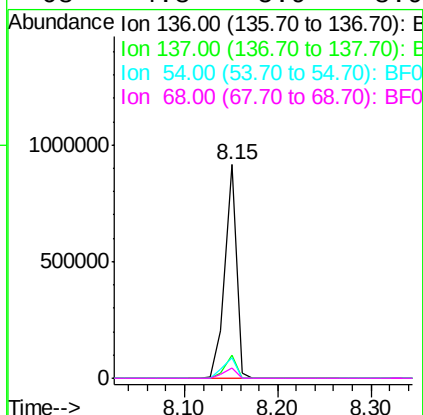
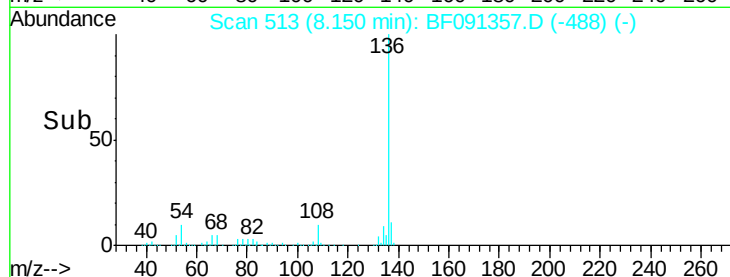
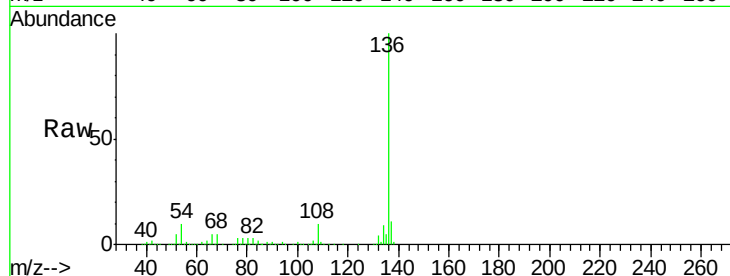




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091357.D
Acq: 30 Nov 2016 16:33

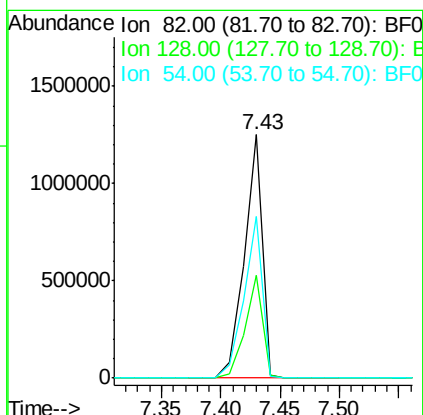
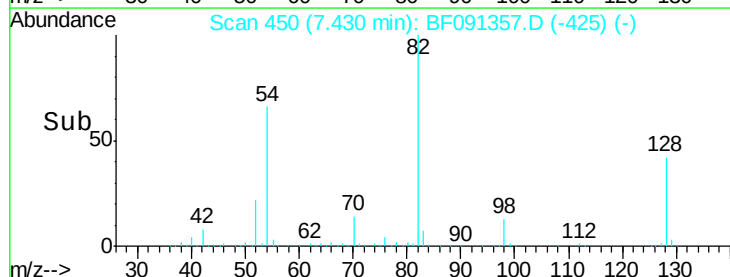
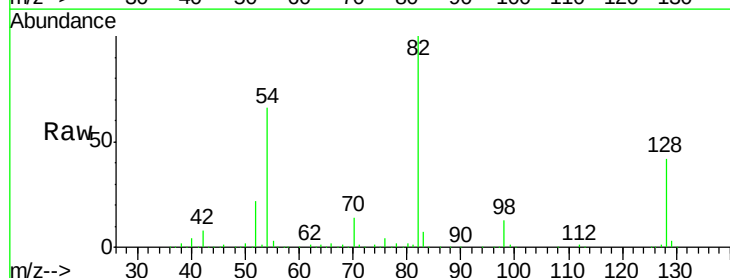
Instrument :
BNA_F
ClientSampleId :
112216-DSDC-E-D-B

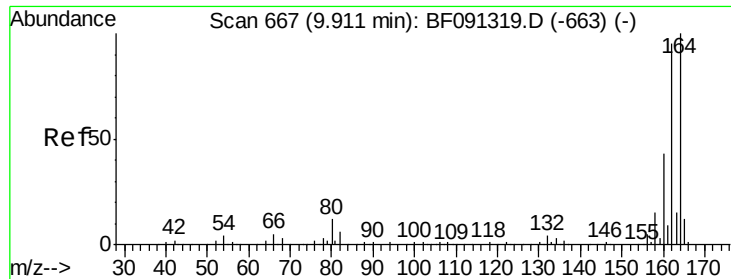
Tgt Ion:	136	Resp:	788509
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.6	9.1	13.7
68	4.8	5.9	8.9#



#23
Nitrobenzene-d5
Concen: 94.00 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091357.D
Acq: 30 Nov 2016 16:33

Tgt Ion:	82	Resp:	1322576
Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.8	47.6
54	66.3	49.1	73.7

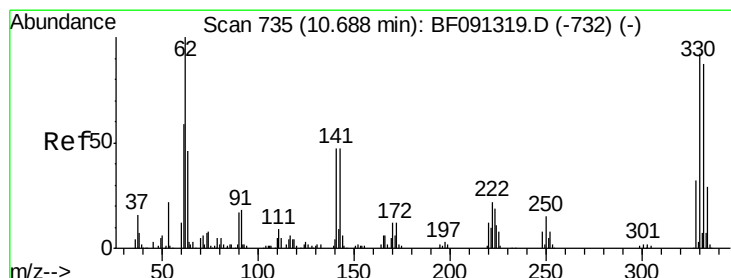
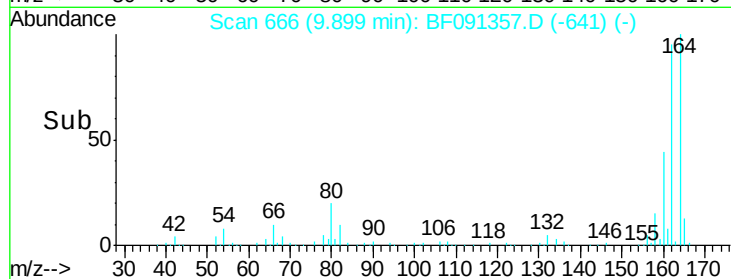
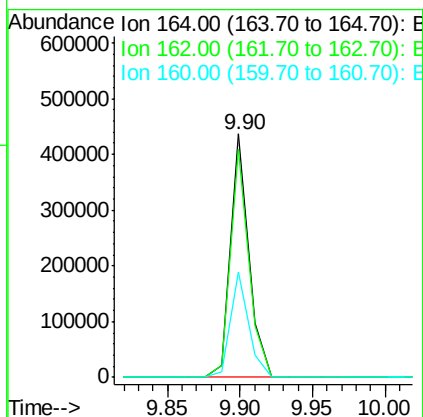
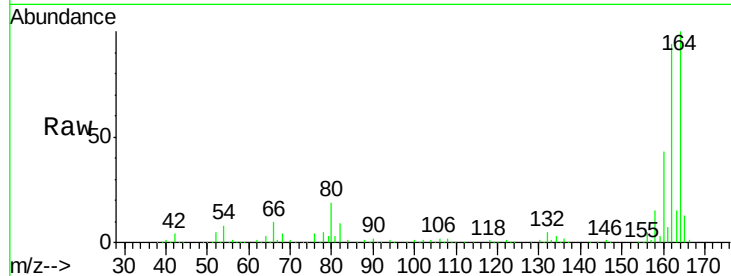




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091357.D
 Acq: 30 Nov 2016 16:33

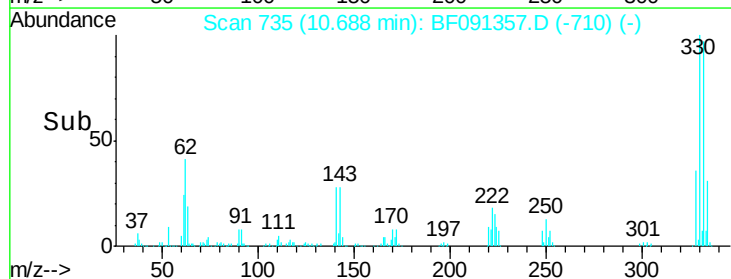
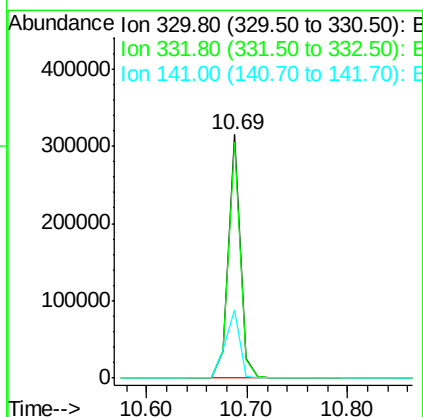
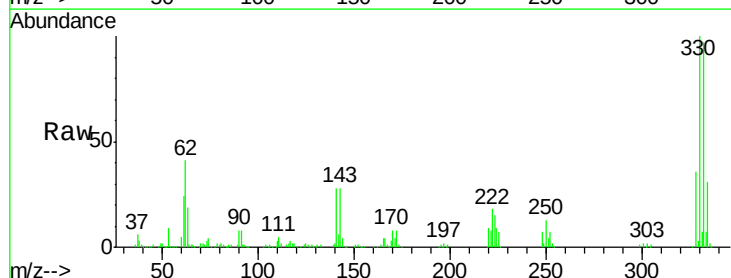
Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-D-B

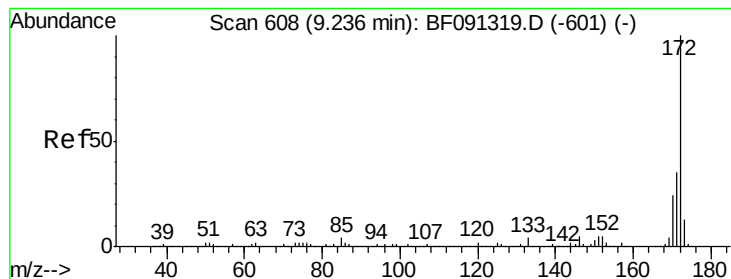
Tgt Ion:164 Resp: 382126
 Ion Ratio Lower Upper
 164 100
 162 94.0 82.6 124.0
 160 43.1 36.7 55.1



#41
 2,4,6-Tribromophenol
 Concen: 72.47 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091357.D
 Acq: 30 Nov 2016 16:33

Tgt Ion:330 Resp: 262171
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 33.4 33.6 50.4#





#44

2-Fluorobiphenyl

Concen: 109.06 ng

RT: 9.24 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF091357.D

Acq: 30 Nov 2016 16:33

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-D-B

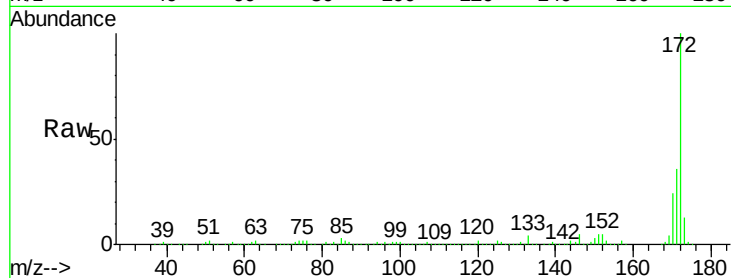
Tgt Ion:172 Resp: 2301634

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

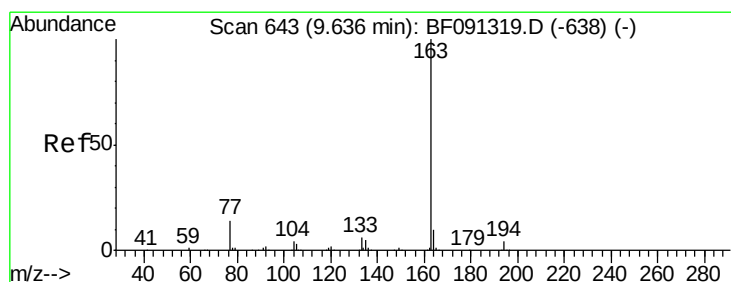
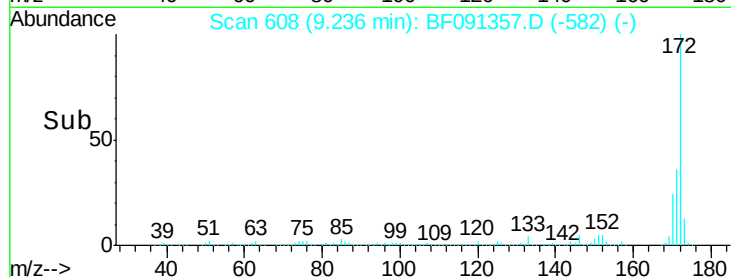
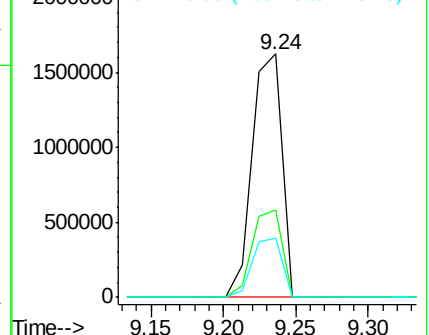
170 24.3 19.7 29.5



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



#49

Dimethylphthalate

Concen: 3.08 ng

RT: 9.61 min Scan# 641

Delta R.T. -0.04 min

Lab File: BF091357.D

Acq: 30 Nov 2016 16:33

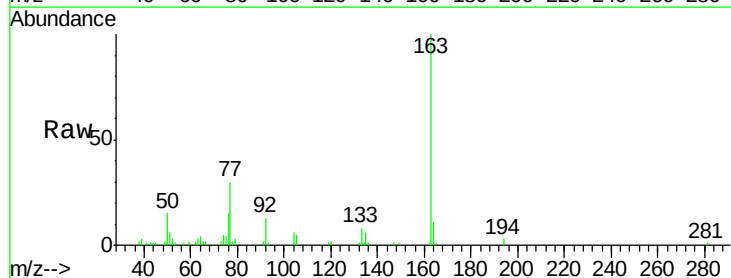
Tgt Ion:163 Resp: 71339

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

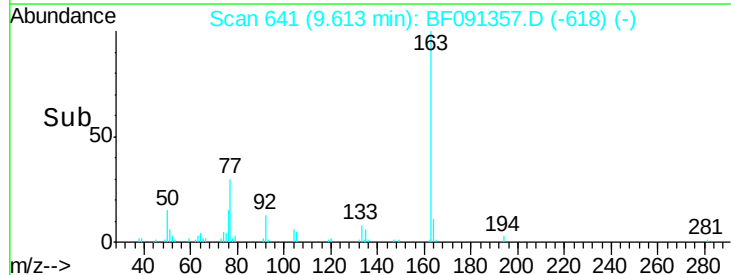
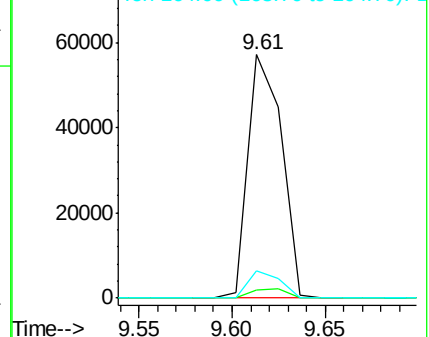
164 11.1 7.8 11.8

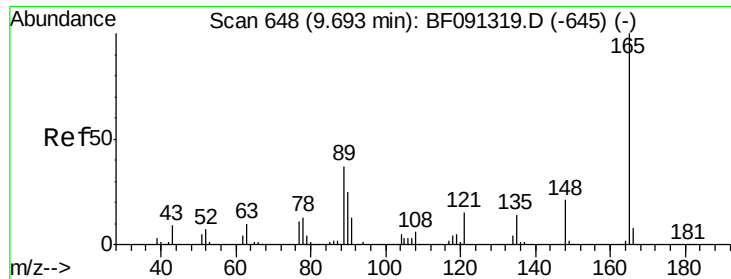


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

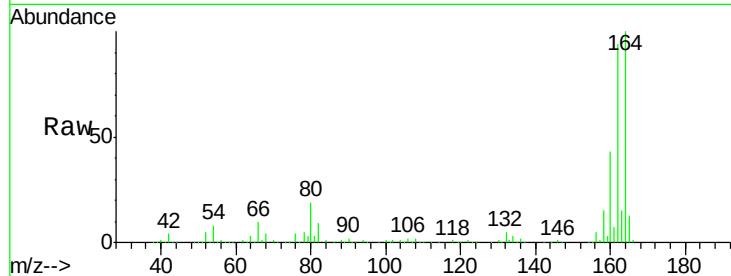




#50
 2,6-Dinitrotoluene
 Concen: 9.74 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.20 min
 Lab File: BF091357.D
 Acq: 30 Nov 2016 16:33

Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-D-B

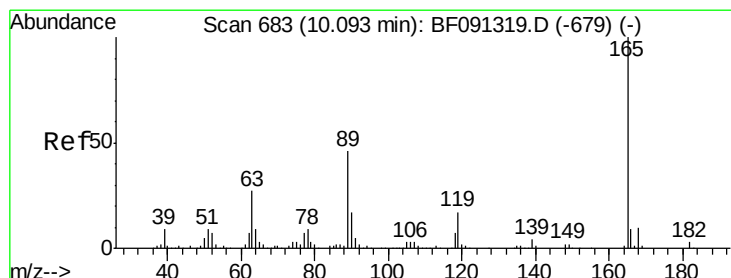
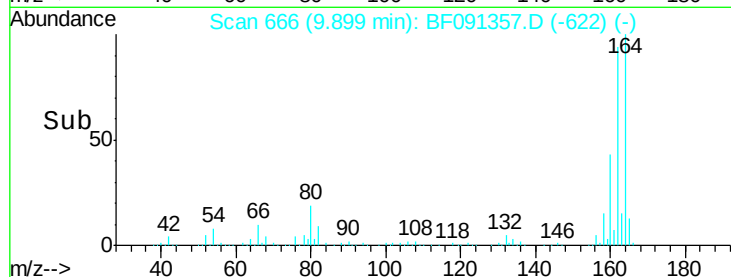
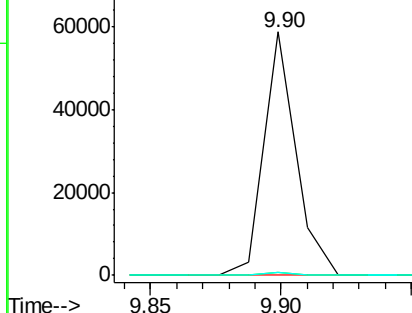
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	59.4	89.0#
89	1.2	50.8	76.2#



Abundance Ion 165.00 (164.70 to 165.70): E

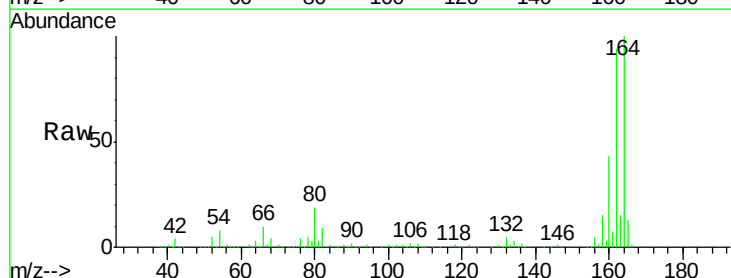
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 7.51 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.20 min
 Lab File: BF091357.D
 Acq: 30 Nov 2016 16:33

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

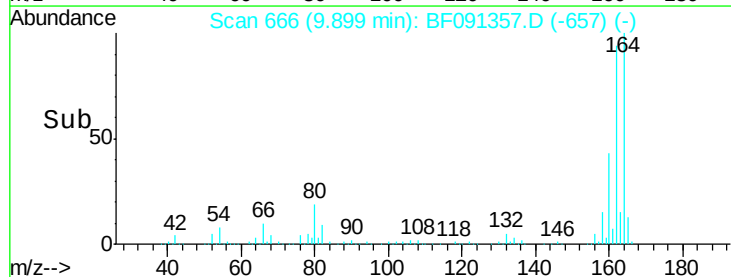
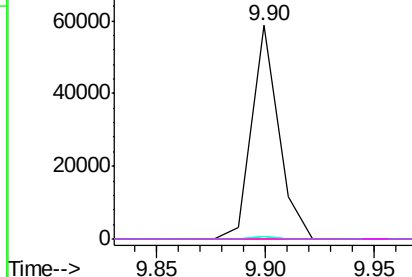


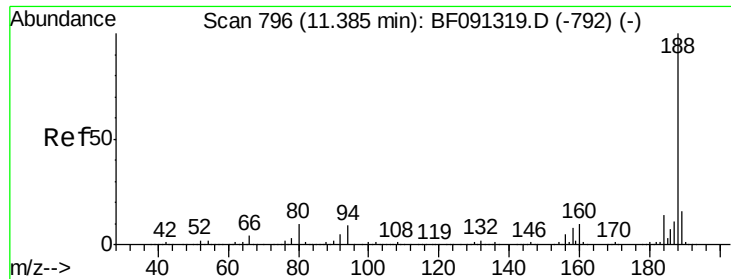
Abundance Ion 165.00 (164.70 to 165.70): E

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

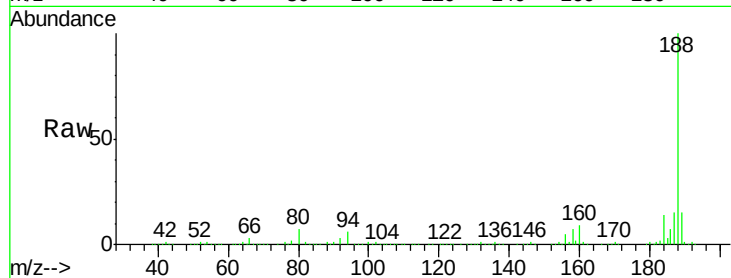




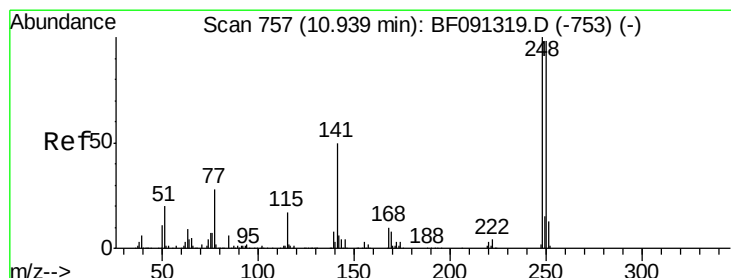
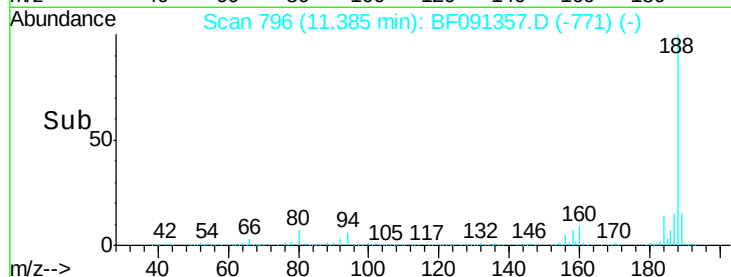
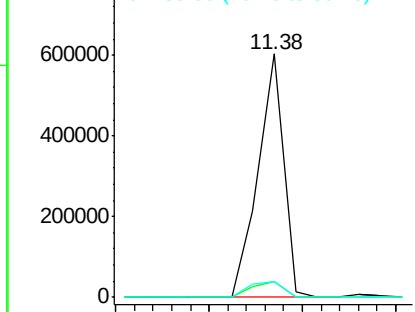
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091357.D
Acq: 30 Nov 2016 16:33

Instrument :
BNA_F
ClientSampleId :
112216-DSDC-E-D-B

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.2	13.8#
80	6.6	10.5	15.7#

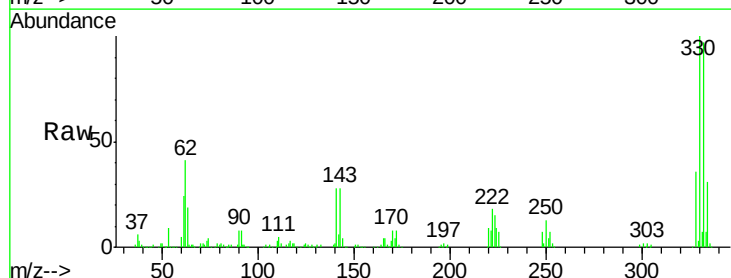


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

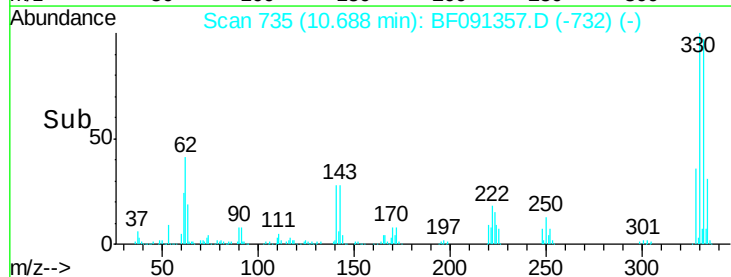
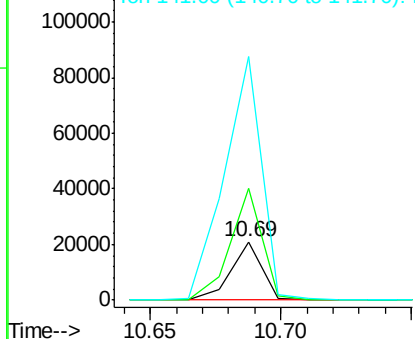


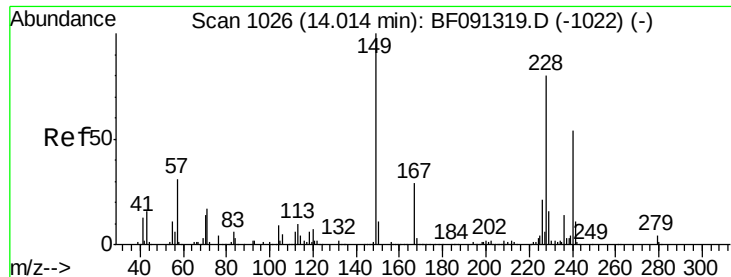
#66
4-Bromophenyl-phenylether
Concen: 2.84 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF091357.D
Acq: 30 Nov 2016 16:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	192.4	78.2	117.4#
141	419.5	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: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091357.D

Acq: 30 Nov 2016 16:33

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-D-B

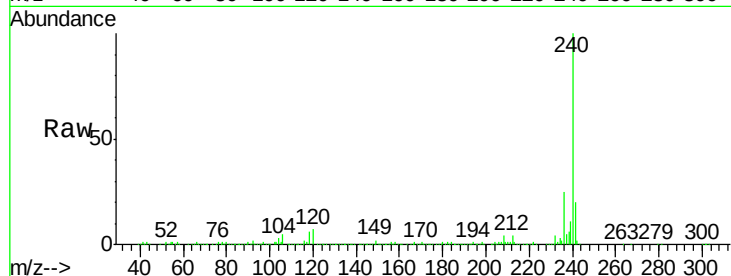
Tgt Ion:240 Resp: 426464

Ion Ratio Lower Upper

240 100

120 7.5 12.1 18.1#

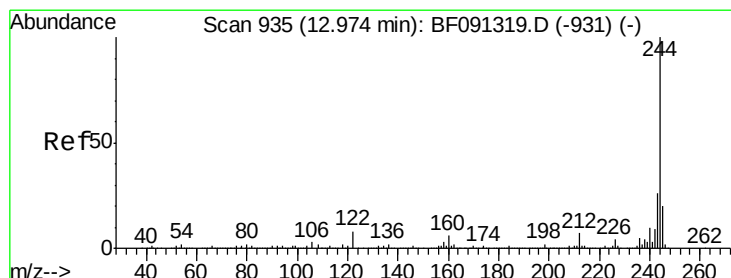
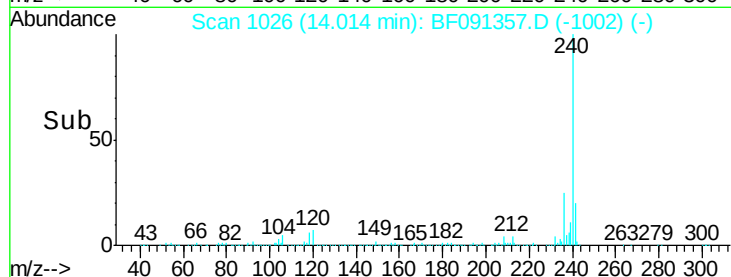
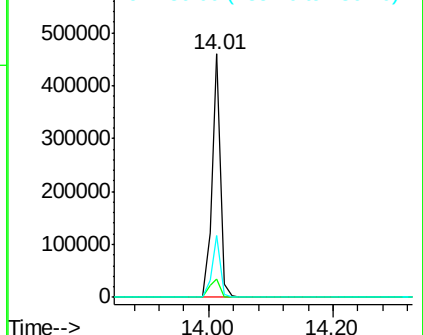
236 25.3 21.0 31.6



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: 86.85 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091357.D

Acq: 30 Nov 2016 16:33

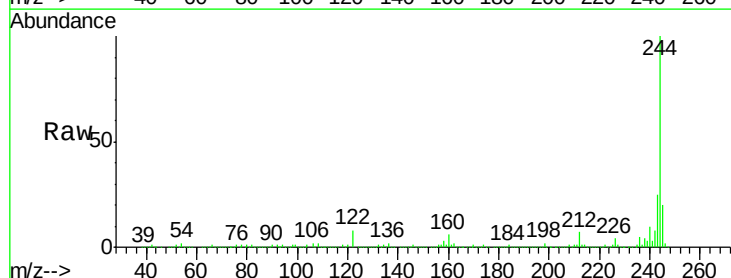
Tgt Ion:244 Resp: 1704155

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

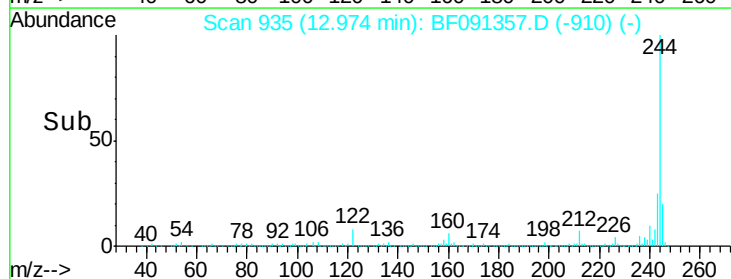
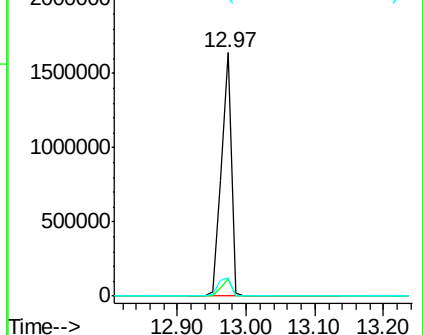
122 7.6 9.5 14.3#

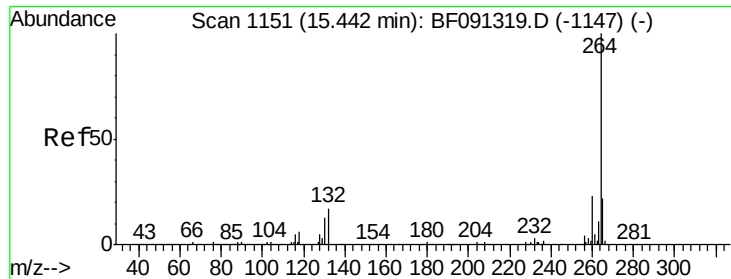


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091357.D
Acq: 30 Nov 2016 16:33

Instrument :
BNA_F
ClientSampleId :
112216-DSDC-E-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.9	17.0	25.6

