

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091482.D
 Acq On : 7 Dec 2016 21:11
 Operator : UM/SJ
 Sample : H5906-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2A-B3A-B4A-B5A

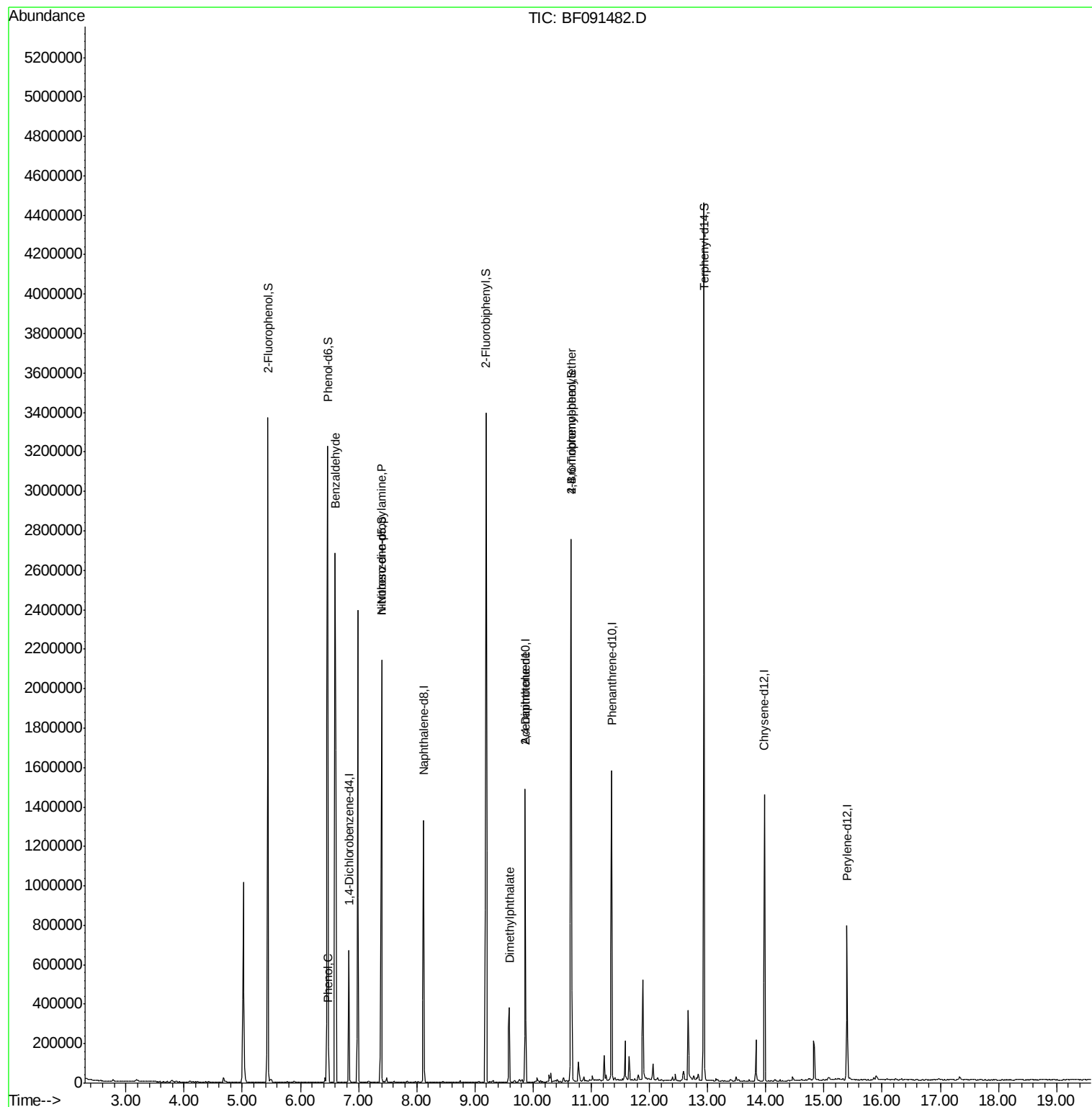
Quant Time: Dec 08 00:26:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

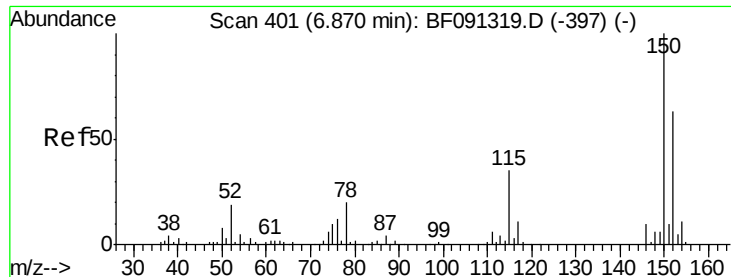
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	142525	20.00	ng	-0.04
21) Naphthalene-d8	8.12	136	603607	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	343865	20.00	ng	-0.05
63) Phenanthrene-d10	11.35	188	663053	20.00	ng	-0.05
75) Chrysene-d12	13.98	240	546702	20.00	ng	-0.06
86) Perylene-d12	15.40	264	369966	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	882756	101.18	ng	-0.03
7) Phenol-d6	6.47	99	1179111	109.79	ng	-0.03
23) Nitrobenzene-d5	7.40	82	746578	69.31	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	351866	108.09	ng	-0.05
44) 2-Fluorobiphenyl	9.19	172	1300745	68.49	ng	-0.05
78) Terphenyl-d14	12.94	244	1588947	63.17	ng	-0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	21636	3.13	ng	84
10) Phenol	6.48	94	49871	3.95	ng	81
19) n-Nitroso-di-n-propylamine	7.40	70	103735	15.33	ng	# 69
49) Dimethylphthalate	9.59	163	214400	10.30	ng	99
56) 2,4-Dinitrotoluene	9.86	165	44587	7.39	ng	# 34
66) 4-Bromophenyl-phenylether	10.65	248	21014	2.95	ng	# 1

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

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B2A-B3A-B4A-B5A

Quant Time: Dec 08 00:26:28 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
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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: BF091482.D

Acq: 7 Dec 2016 21:11

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2A-B3A-B4A-B5A

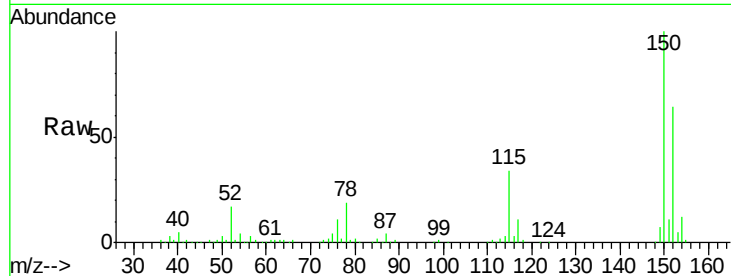
Tgt Ion:152 Resp: 142525

Ion Ratio Lower Upper

152 100

150 157.5 122.5 183.7

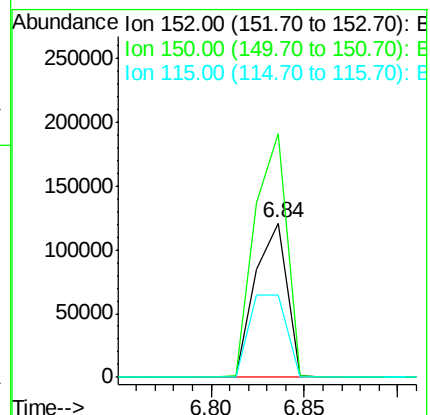
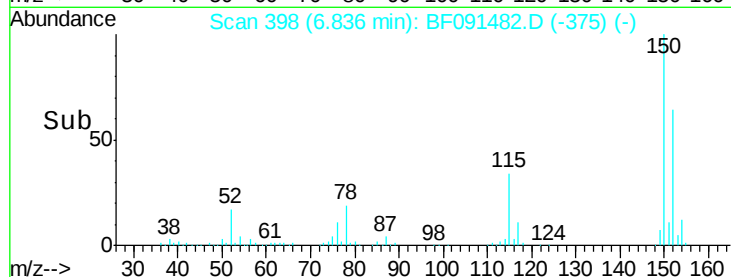
115 52.9 51.8 77.8



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



#5

2-Fluorophenol

Concen: 101.18 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF091482.D

Acq: 7 Dec 2016 21:11

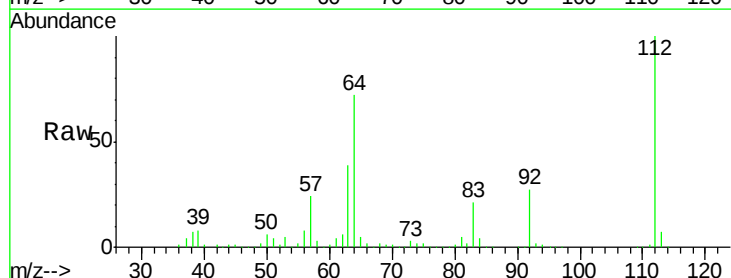
Tgt Ion:112 Resp: 882756

Ion Ratio Lower Upper

112 100

64 71.6 61.5 92.3

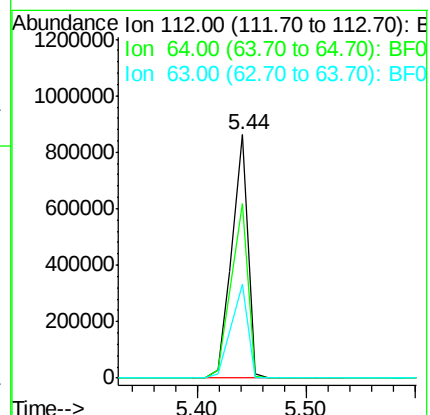
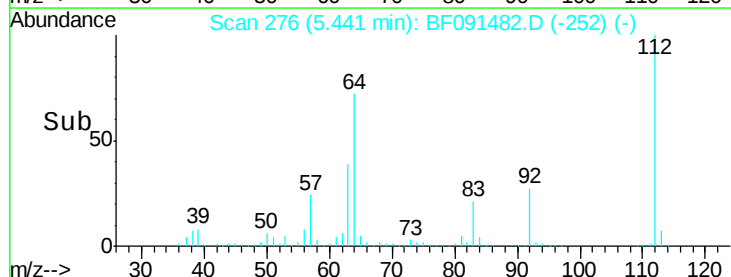
63 38.5 33.3 49.9

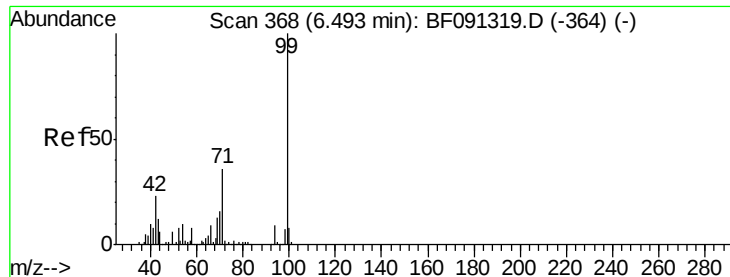


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.79 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091482.D

Acq: 7 Dec 2016 21:11

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2A-B3A-B4A-B5A

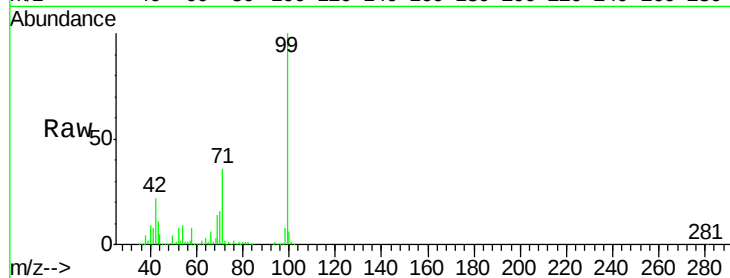
Tgt Ion: 99 Resp: 1179111

Ion Ratio Lower Upper

99 100

42 21.7 20.6 31.0

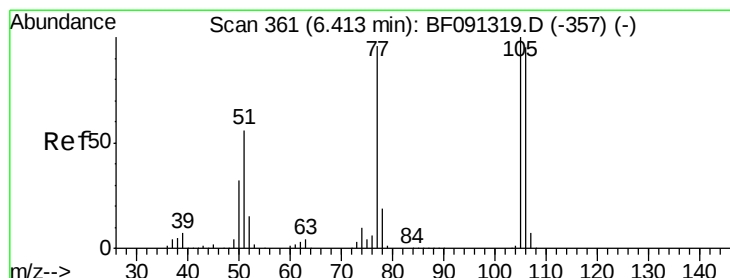
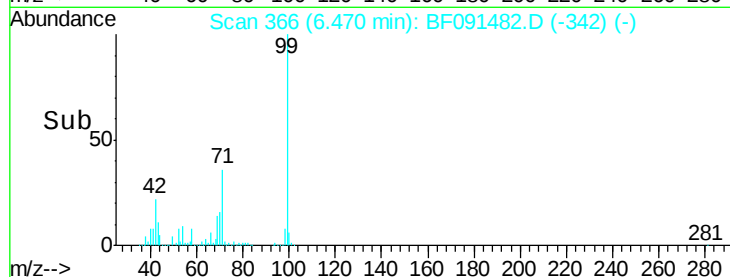
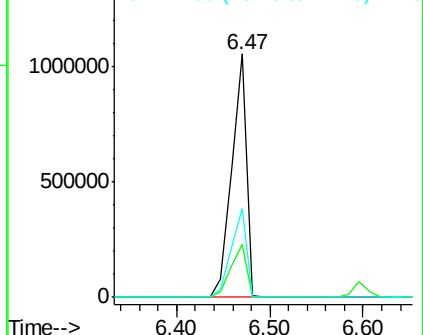
71 36.4 29.9 44.9



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: 3.13 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.18 min

Lab File: BF091482.D

Acq: 7 Dec 2016 21:11

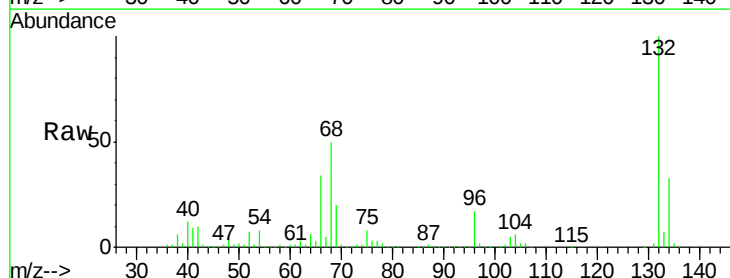
Tgt Ion: 77 Resp: 21636

Ion Ratio Lower Upper

77 100

105 71.0 66.4 106.4

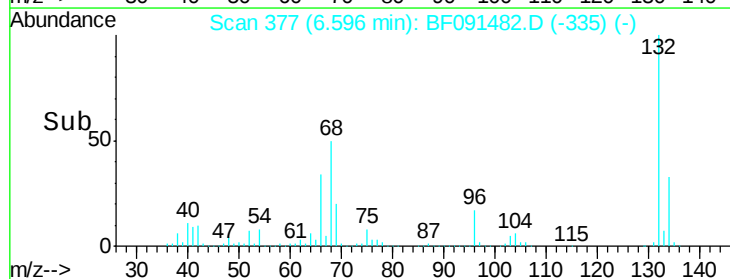
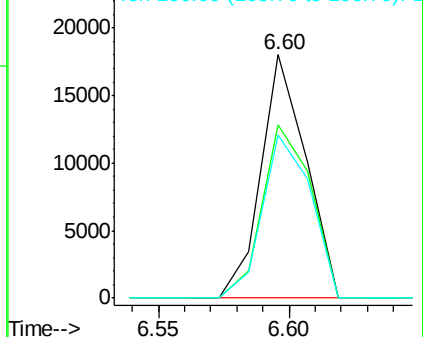
106 67.0 60.9 100.9

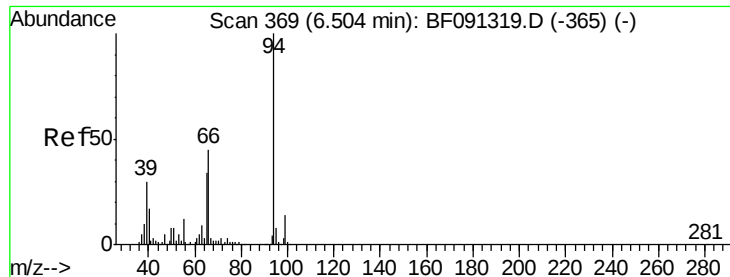


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.95 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.04 min

Lab File: BF091482.D

Acq: 7 Dec 2016 21:11

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2A-B3A-B4A-B5A

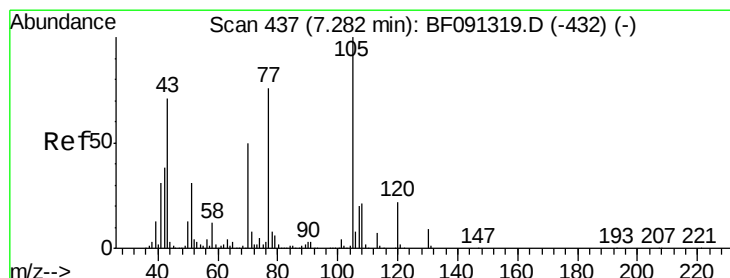
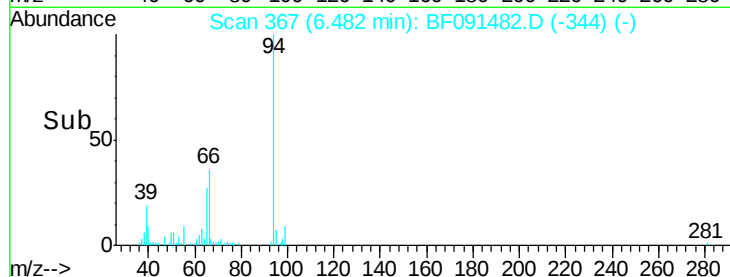
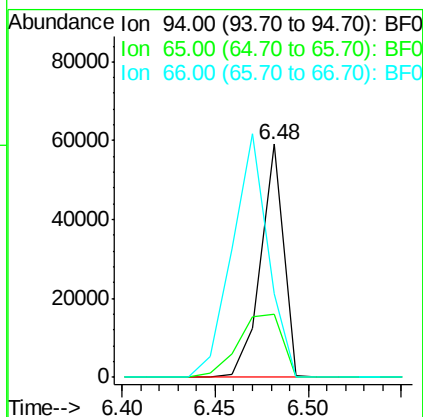
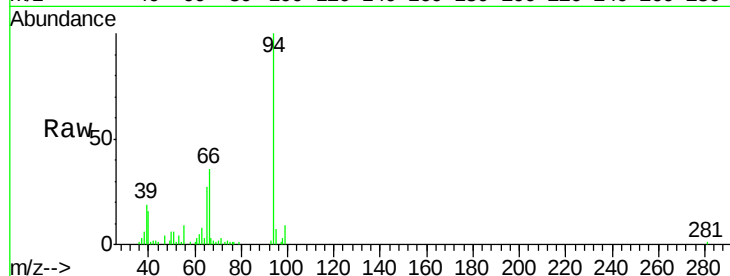
Tgt Ion: 94 Resp: 49871

Ion Ratio Lower Upper

94 100

65 27.0 16.9 56.9

66 35.8 30.6 70.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.33 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.10 min

Lab File: BF091482.D

Acq: 7 Dec 2016 21:11

Tgt Ion: 70 Resp: 103735

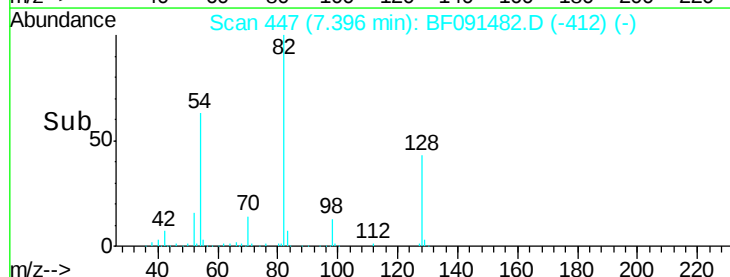
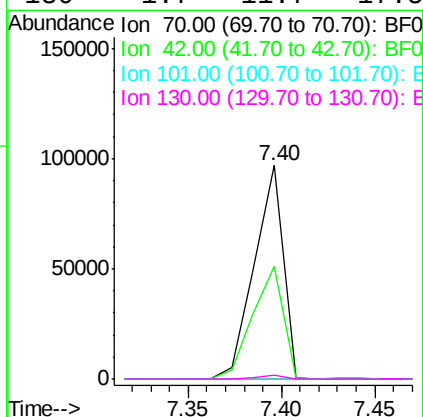
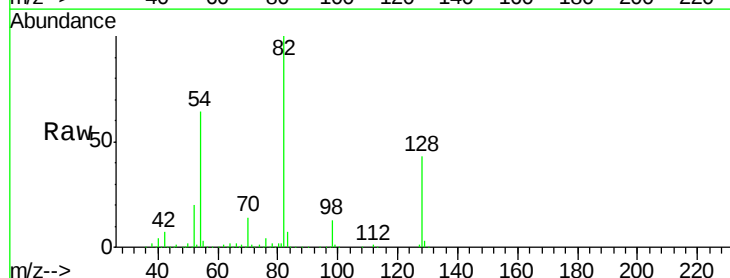
Ion Ratio Lower Upper

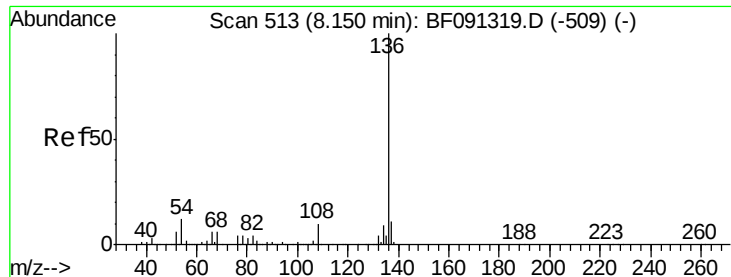
70 100

42 52.6 64.8 97.2#

101 0.0 6.2 9.4#

130 1.7 11.7 17.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF091482.D

Acq: 7 Dec 2016 21:11

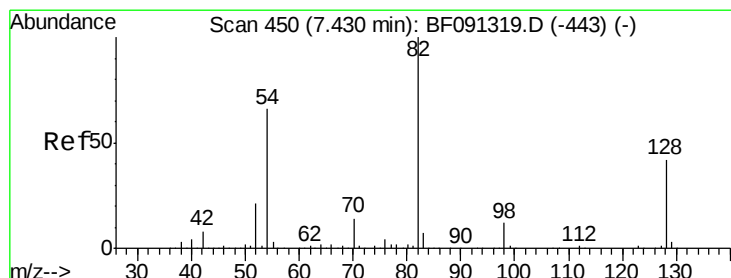
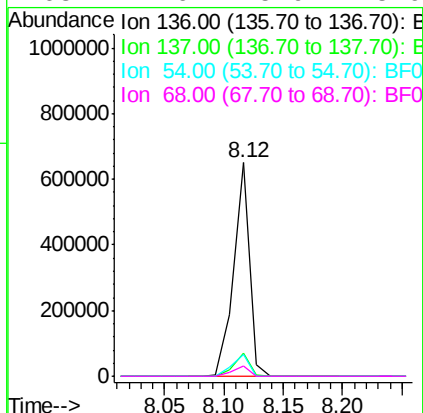
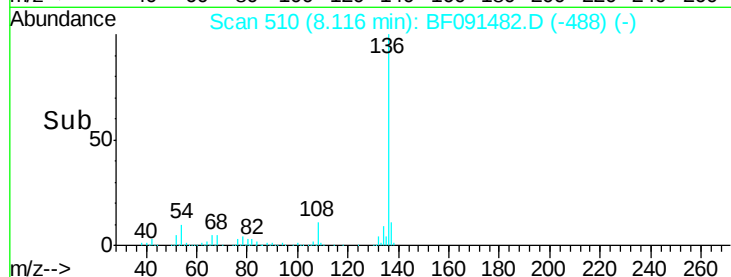
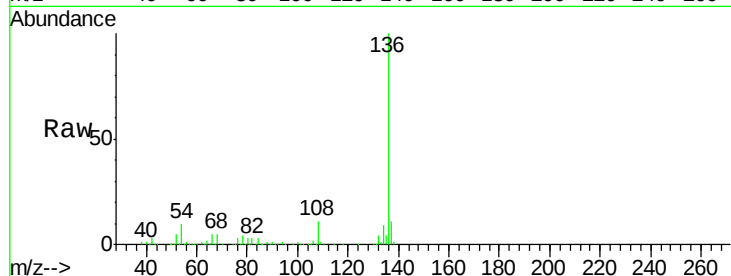
Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2A-B3A-B4A-B5A

Tgt Ion:	136	Resp:	603607
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	10.2	9.1	13.7
68	4.6	5.9	8.9#



#23

Nitrobenzene-d5

Concen: 69.31 ng

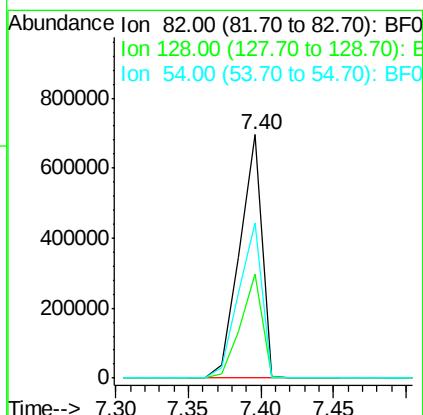
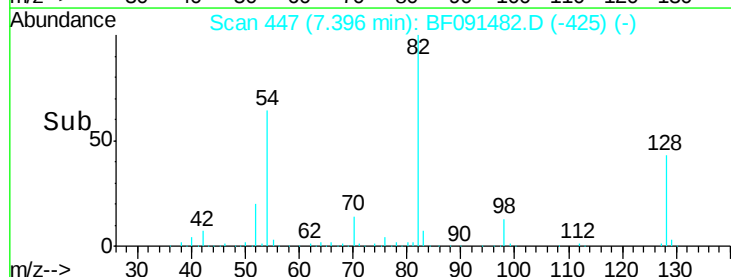
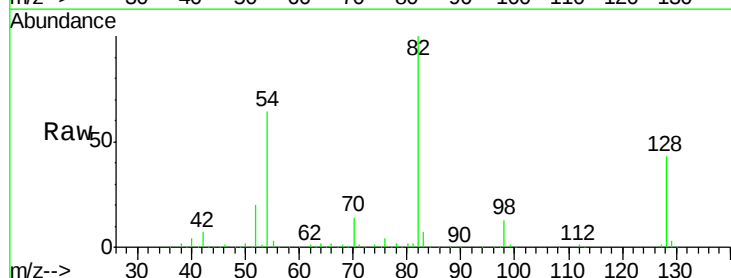
RT: 7.40 min Scan# 447

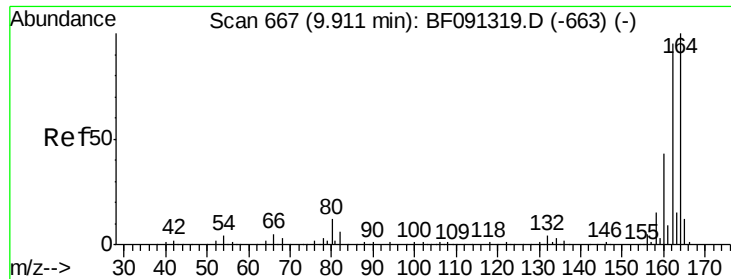
Delta R.T. -0.05 min

Lab File: BF091482.D

Acq: 7 Dec 2016 21:11

Tgt Ion:	82	Resp:	746578
Ion Ratio	Lower	Upper	
82	100		
128	42.8	31.8	47.6
54	63.8	49.1	73.7

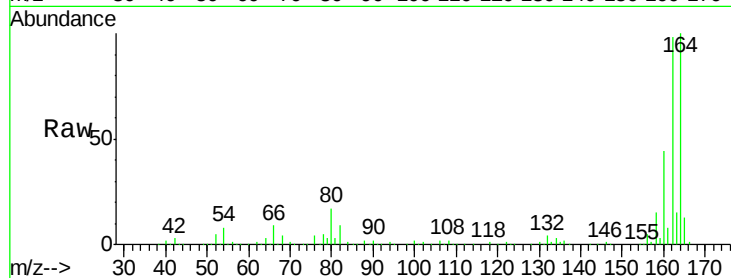




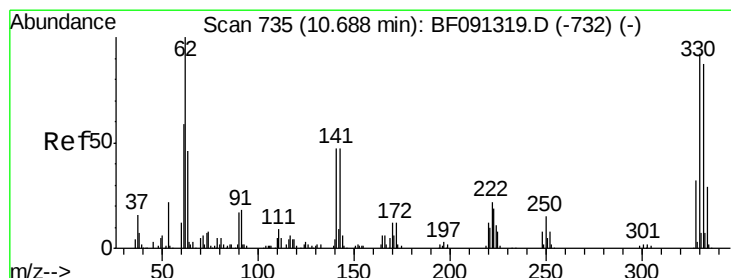
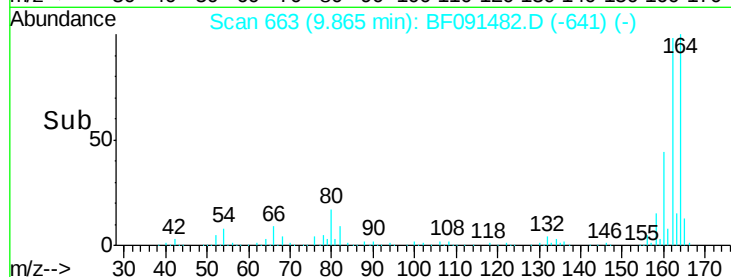
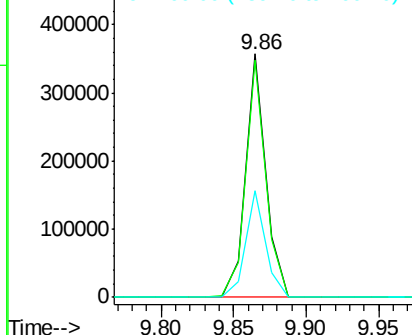
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF091482.D
 Acq: 7 Dec 2016 21:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2A-B3A-B4A-B5A

Tgt Ion:164 Resp: 343865
 Ion Ratio Lower Upper
 164 100
 162 97.7 82.6 124.0
 160 43.9 36.7 55.1

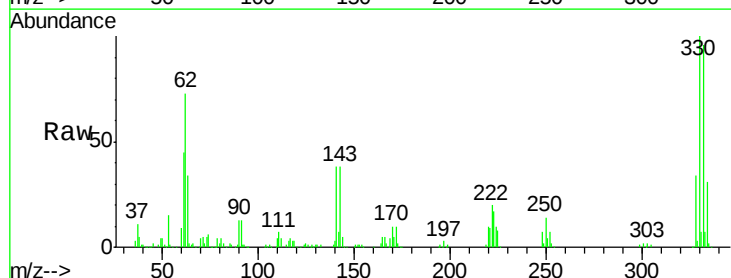


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

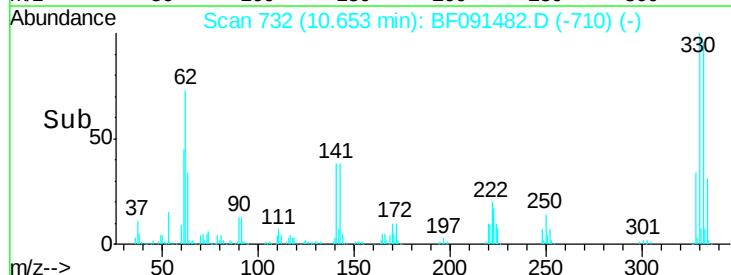
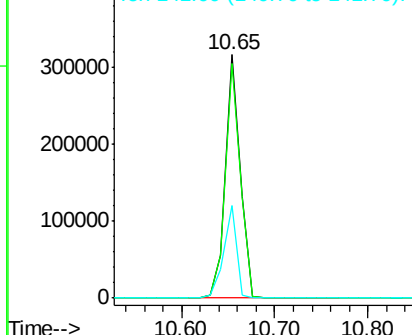


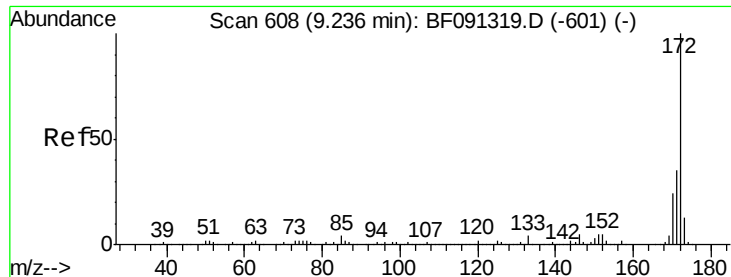
#41
 2,4,6-Tribromophenol
 Concen: 108.09 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.05 min
 Lab File: BF091482.D
 Acq: 7 Dec 2016 21:11

Tgt Ion:330 Resp: 351866
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.2 114.4
 141 32.4 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

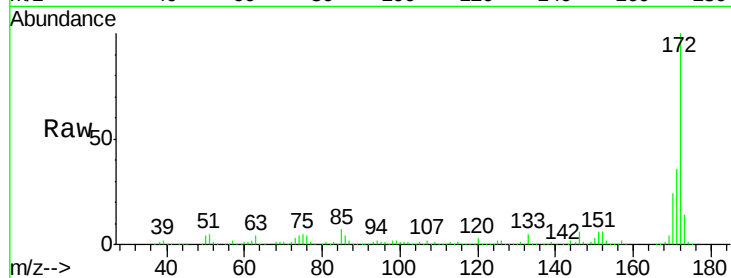




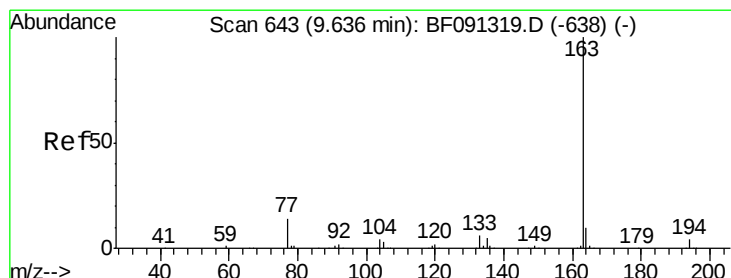
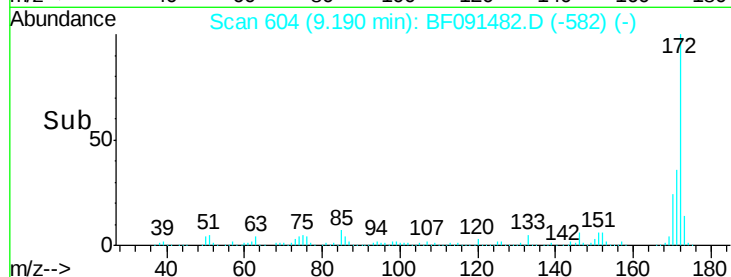
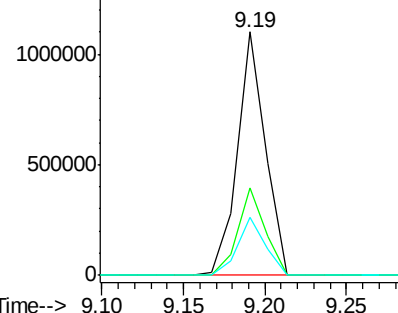
#44
2-Fluorobiphenyl
Concen: 68.49 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.05 min
Lab File: BF091482.D
Acq: 7 Dec 2016 21:11

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B2A-B3A-B4A-B5A

Tgt Ion:172 Resp: 1300745
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.8 19.7 29.5

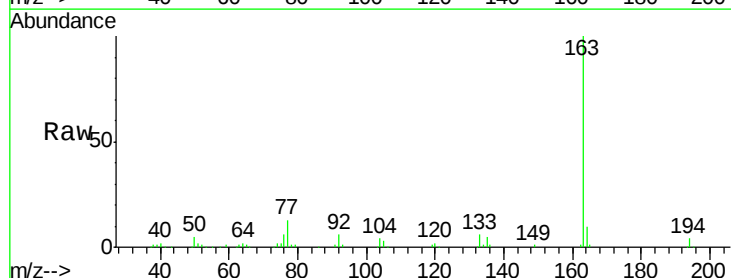


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

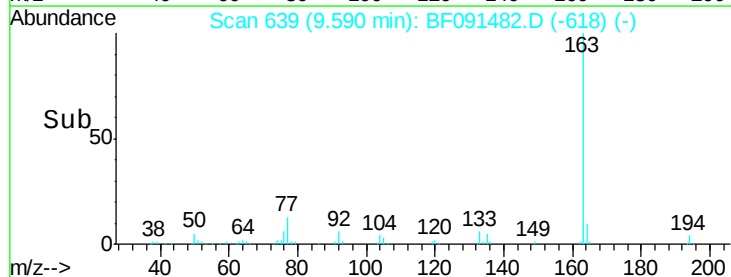
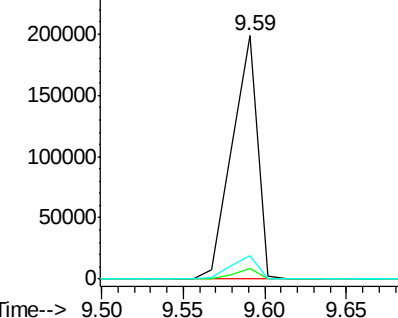


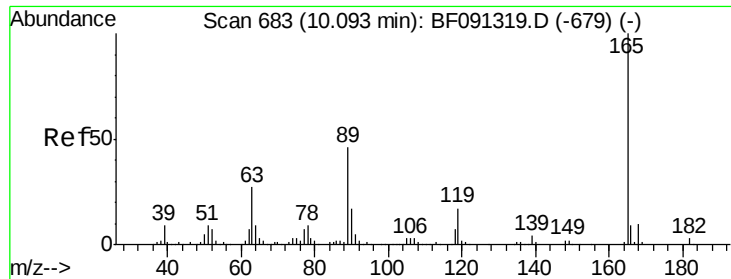
#49
Dimethylphthalate
Concen: 10.30 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.06 min
Lab File: BF091482.D
Acq: 7 Dec 2016 21:11

Tgt Ion:163 Resp: 214400
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 9.9 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

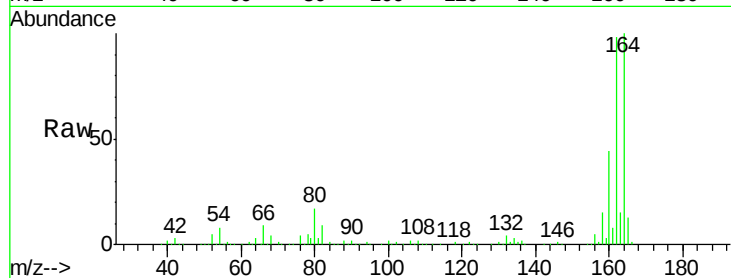




#56
2,4-Dinitrotoluene
Concen: 7.39 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.23 min
Lab File: BF091482.D
Acq: 7 Dec 2016 21:11

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B2A-B3A-B4A-B5A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#

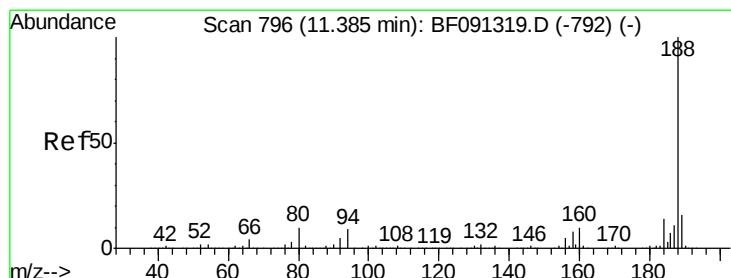
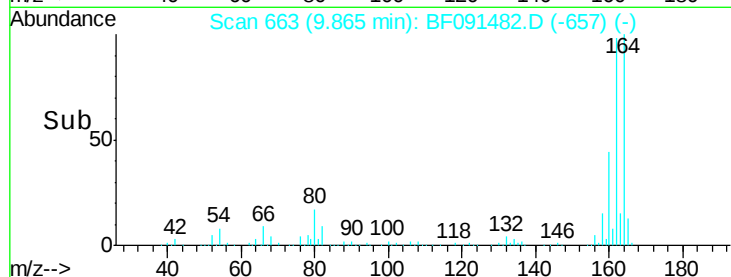
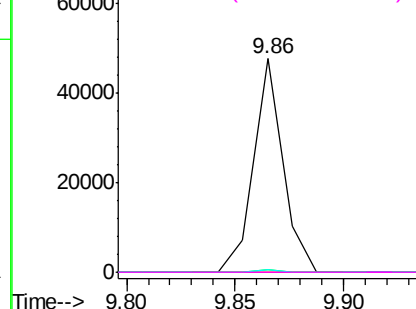


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

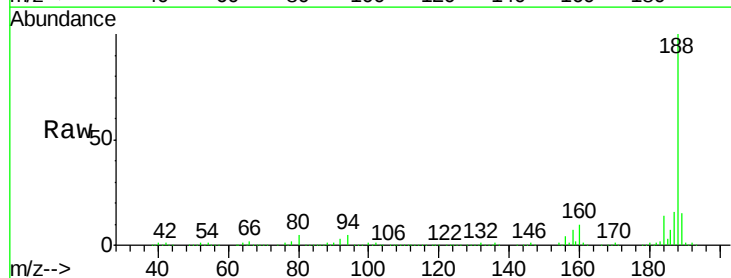
Ion 89.00 (88.70 to 89.70): BF0

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: BF091482.D
Acq: 7 Dec 2016 21:11

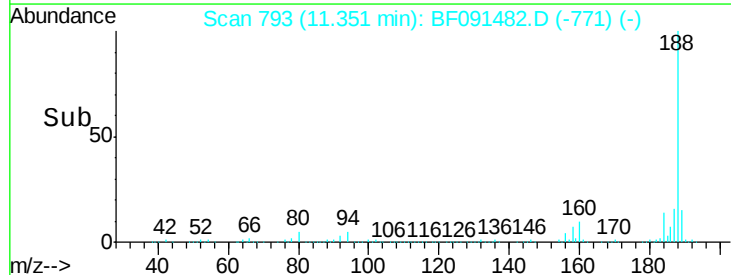
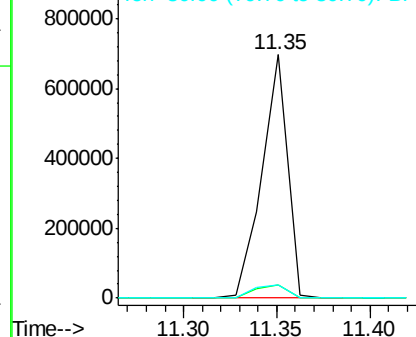
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	9.2	13.8#
80	5.3	10.5	15.7#

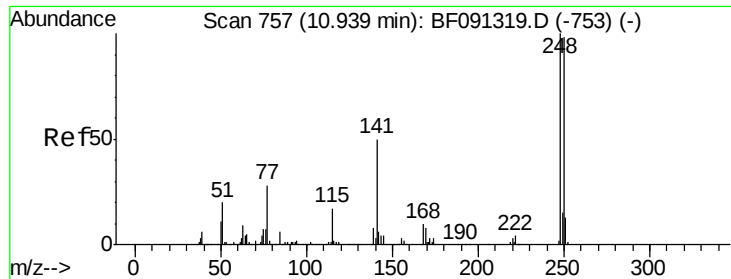


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.95 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.30 min

Lab File: BF091482.D

Acq: 7 Dec 2016 21:11

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2A-B3A-B4A-B5A

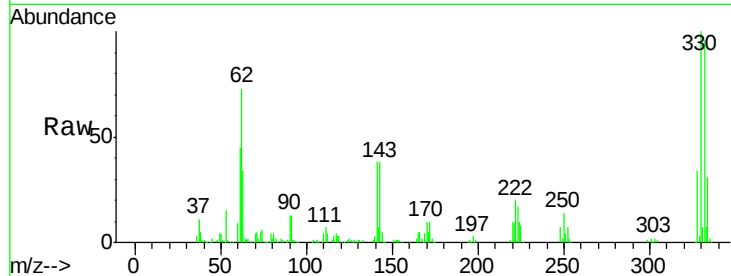
Tgt Ion:248 Resp: 21014

Ion Ratio Lower Upper

248 100

250 194.5 78.2 117.4#

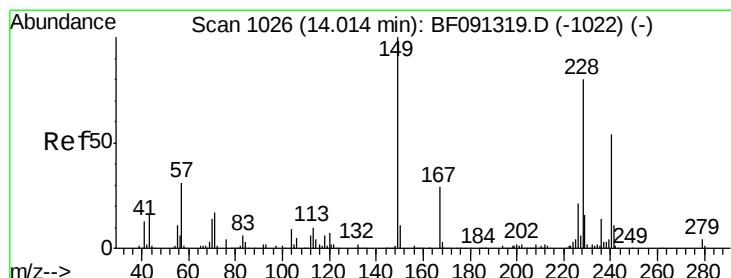
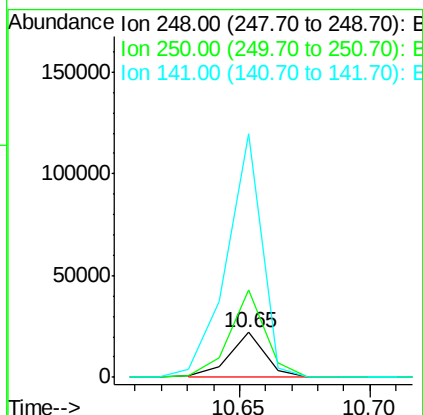
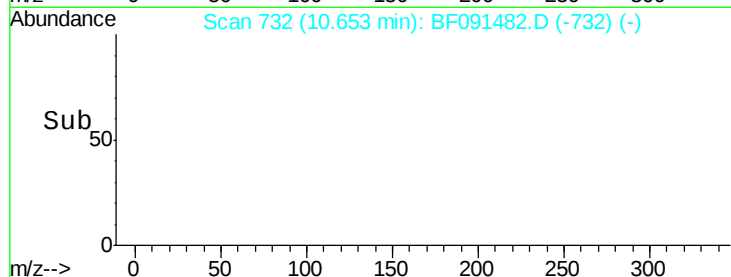
141 540.4 71.9 107.9#



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: BF091482.D

Acq: 7 Dec 2016 21:11

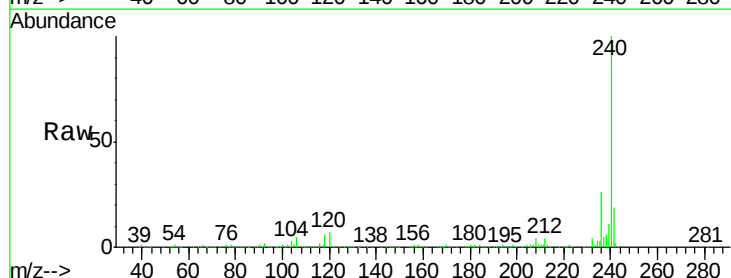
Tgt Ion:240 Resp: 546702

Ion Ratio Lower Upper

240 100

120 6.8 12.1 18.1#

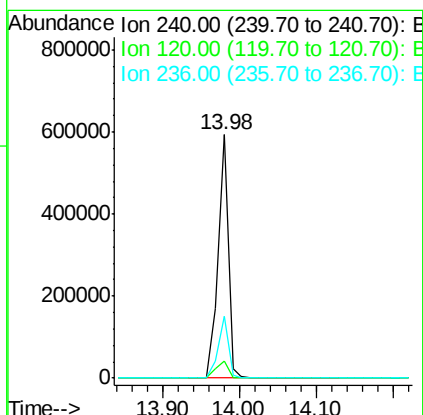
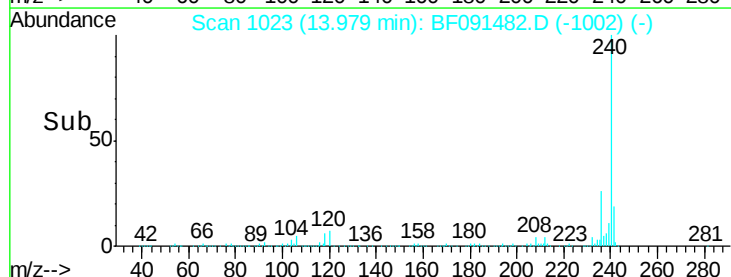
236 25.5 21.0 31.6

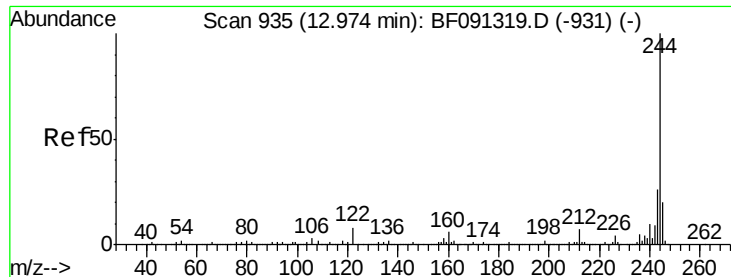


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

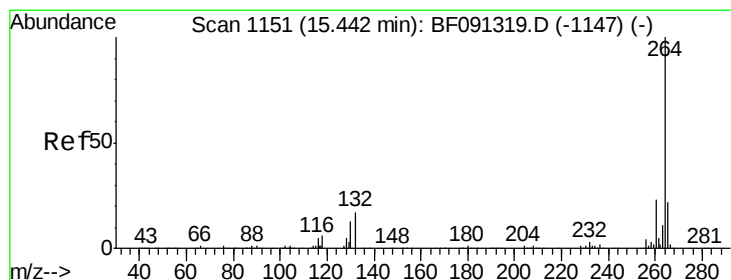
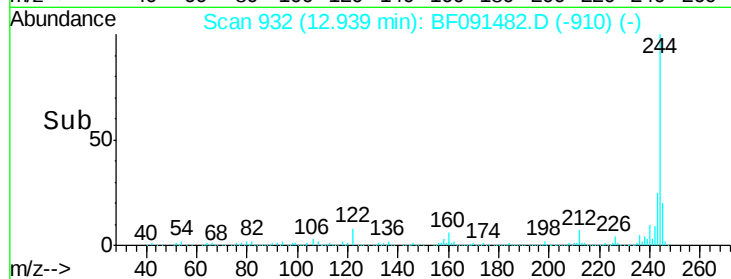
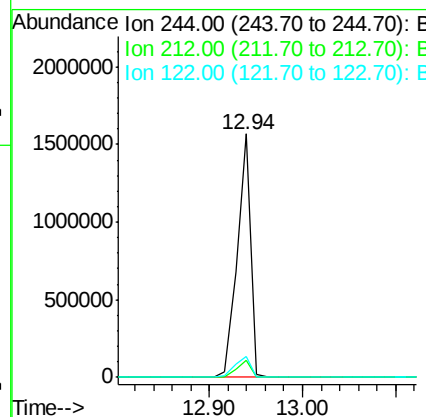
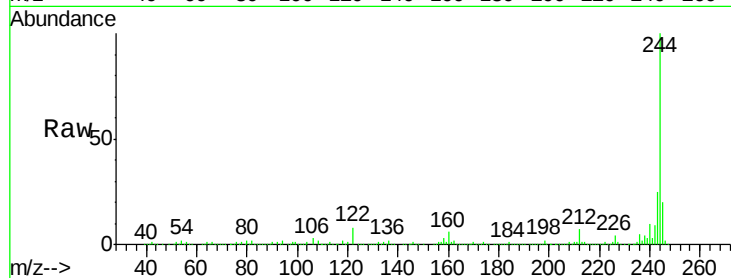




#78
 Terphenyl-d14
 Concen: 63.17 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.05 min
 Lab File: BF091482.D
 Acq: 7 Dec 2016 21:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2A-B3A-B4A-B5A

Tgt Ion:244 Resp: 1588947
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 8.5 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: BF091482.D
 Acq: 7 Dec 2016 21:11

Tgt Ion:264 Resp: 369966
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.0 17.0 25.6

