

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091892.D
 Acq On : 22 Dec 2016 18:03
 Operator : UM/SJ
 Sample : H6156-23
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB121616

Quant Time: Dec 23 00:39:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

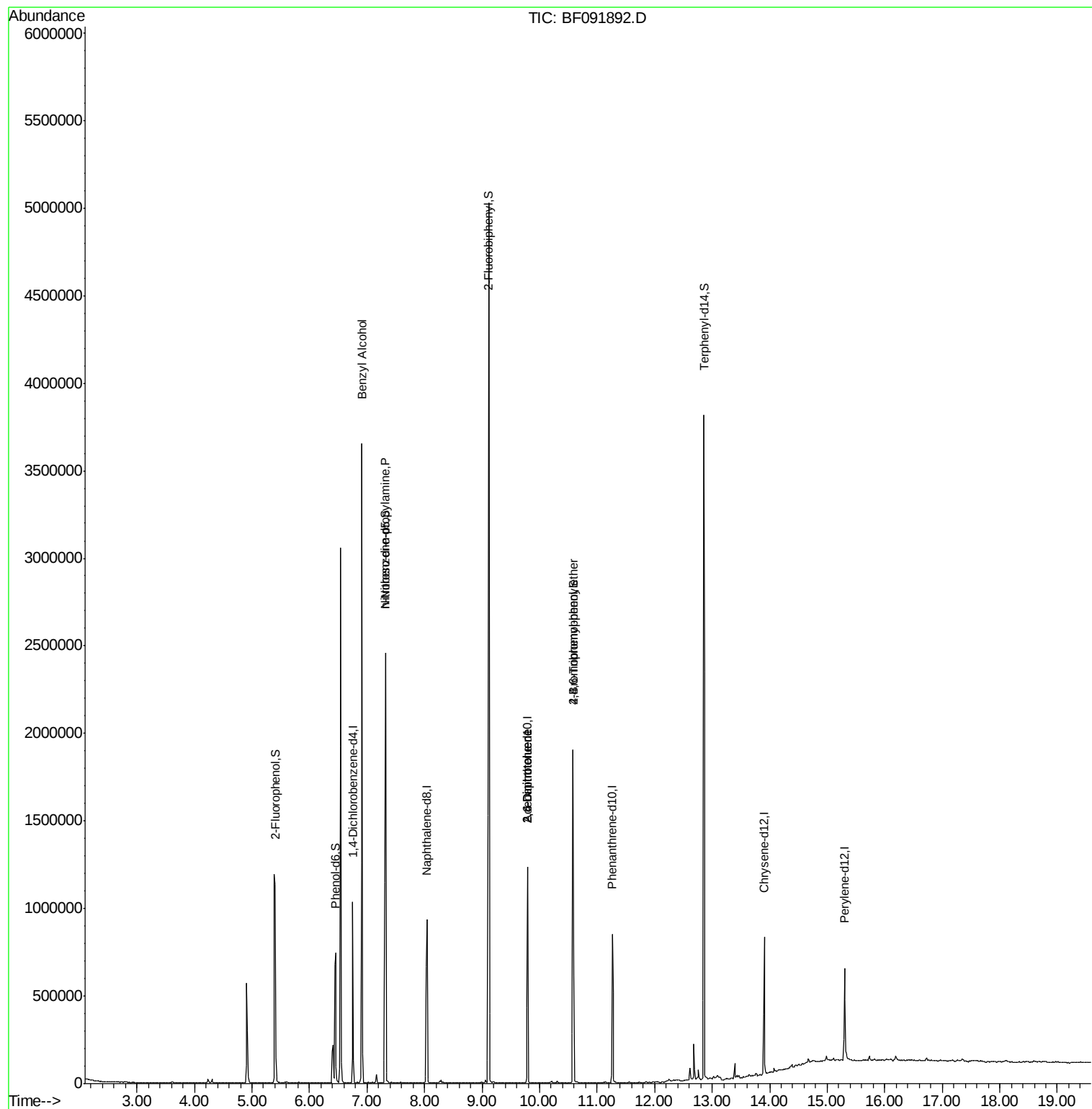
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	143529	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	571746	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	284621	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	389625	20.00	ng	0.00
75) Chrysene-d12	13.91	240	301755	20.00	ng	0.00
86) Perylene-d12	15.30	264	258435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	502449	58.45	ng	0.06
7) Phenol-d6	6.45	99	386146	36.79	ng	0.05
23) Nitrobenzene-d5	7.32	82	919315	89.41	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	241558	102.55	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1590568	119.78	ng	0.00
78) Terphenyl-d14	12.85	244	1539333	123.72	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.91	79	17882	2.19	ng	# 41
19) n-Nitroso-di-n-propylamine	7.32	70	127327	18.24	ng	# 77
50) 2,6-Dinitrotoluene	9.79	165	35873	9.00	ng	# 30
56) 2,4-Dinitrotoluene	9.79	165	35873	7.17	ng	# 20
66) 4-Bromophenyl-phenylether	10.58	248	14606	3.60	ng	# 1
71) Anthracene	11.29	178	753	Below Cal		# 59
73) Di-n-butylphthalate	11.84	149	2781	Below Cal		# 76
74) Fluoranthene	12.48	202	582	Below Cal		61

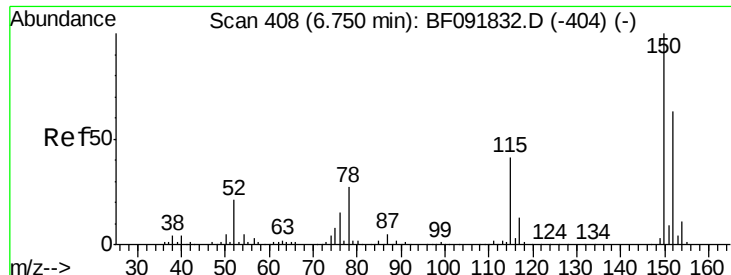
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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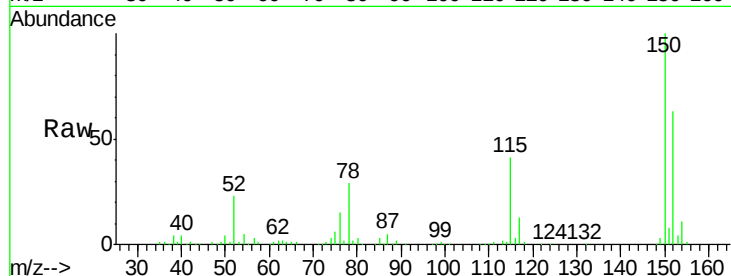




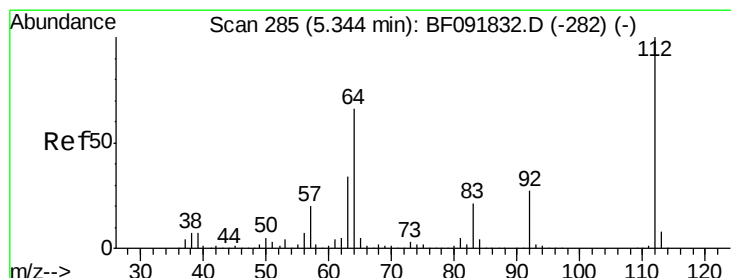
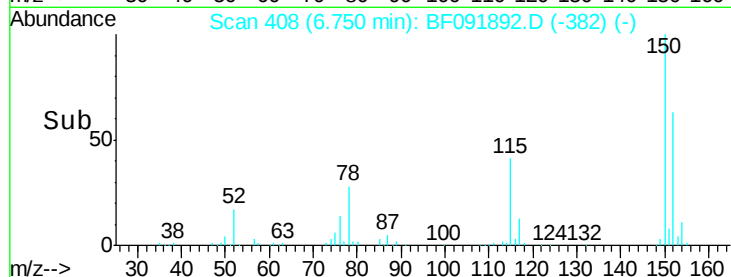
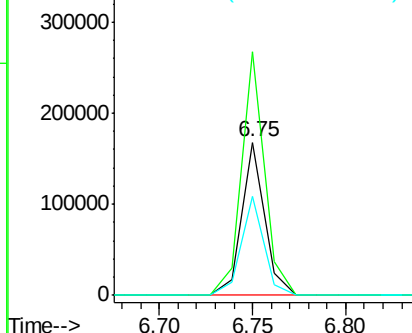
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF091892.D
 Acq: 22 Dec 2016 18:03

Instrument :
 BNA_F
 ClientSampleId :
 FB121616

Tgt Ion:152 Resp: 143529
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.9 187.3
 115 65.0 46.0 69.0

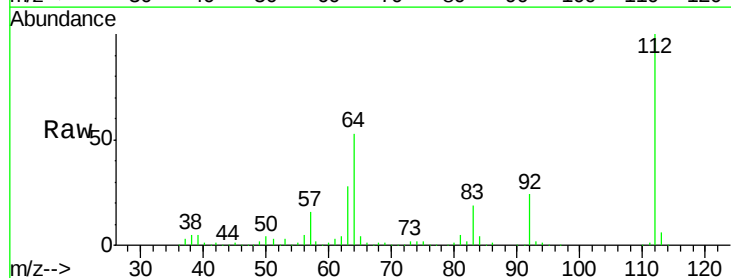


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

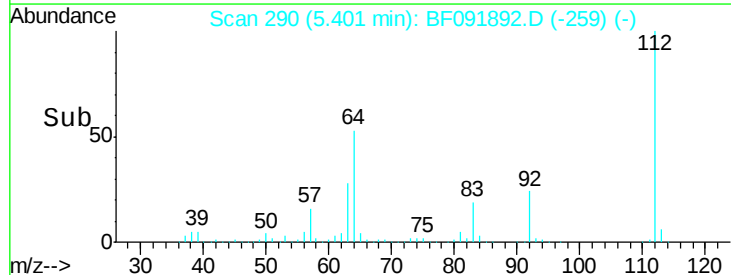
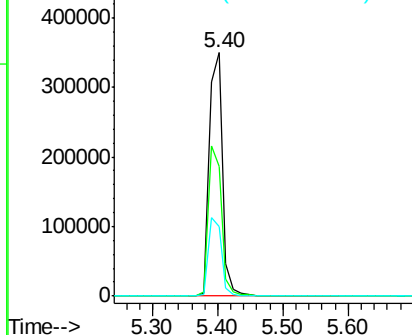


#5
 2-Fluorophenol
 Concen: 58.45 ng
 RT: 5.40 min Scan# 290
 Delta R.T. 0.06 min
 Lab File: BF091892.D
 Acq: 22 Dec 2016 18:03

Tgt Ion:112 Resp: 502449
 Ion Ratio Lower Upper
 112 100
 64 53.2 46.1 69.1
 63 28.4 23.8 35.6



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: 36.79 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.05 min

Lab File: BF091892.D

Acq: 22 Dec 2016 18:03

Instrument :

BNA_F

ClientSampleId :

FB121616

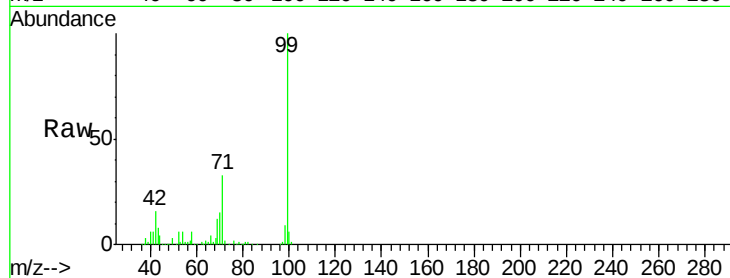
Tgt Ion: 99 Resp: 386146

Ion Ratio Lower Upper

99 100

42 15.8 15.6 23.4

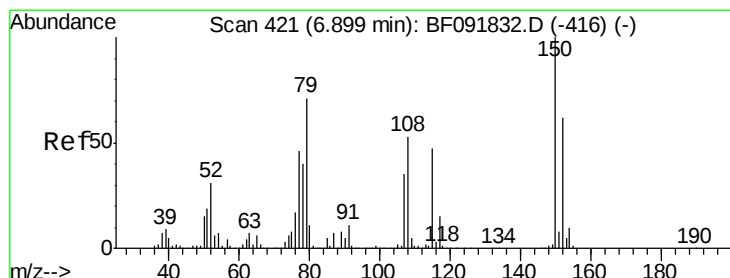
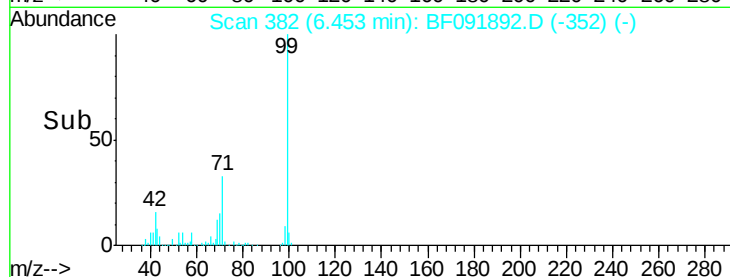
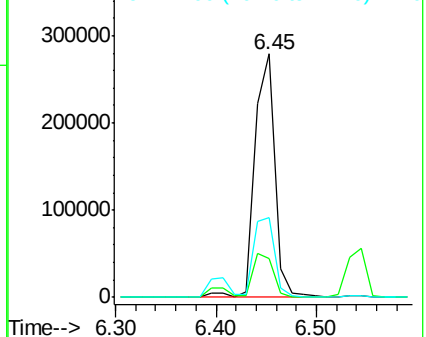
71 32.9 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091892.D

Acq: 22 Dec 2016 18:03

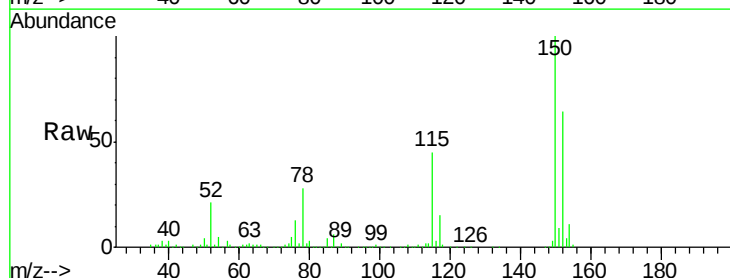
Tgt Ion: 79 Resp: 17882

Ion Ratio Lower Upper

79 100

108 28.8 61.4 92.0#

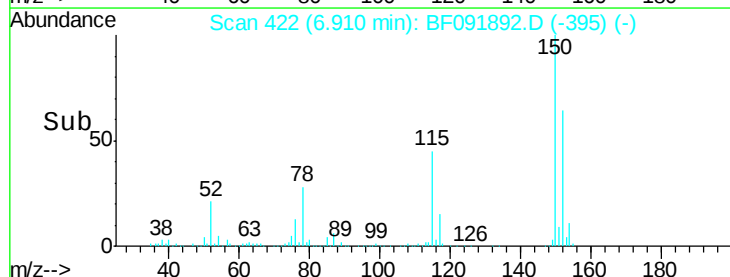
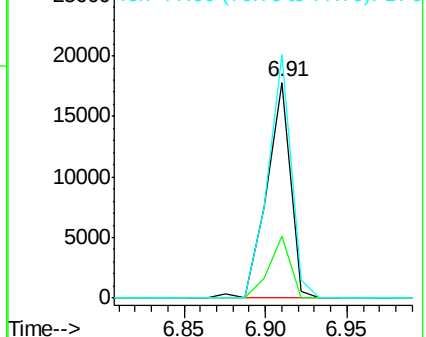
77 112.9 50.9 76.3#

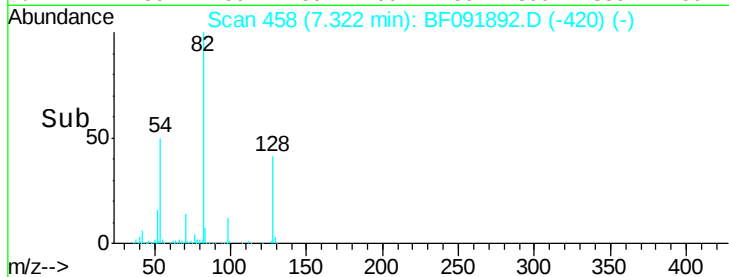
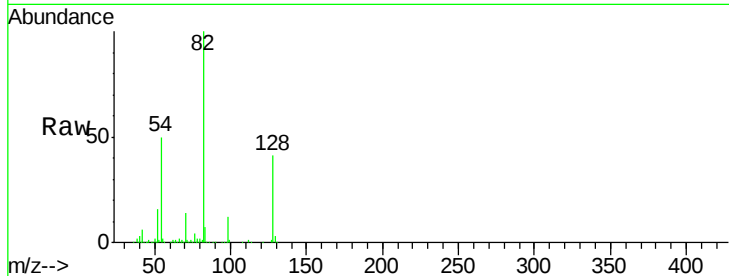
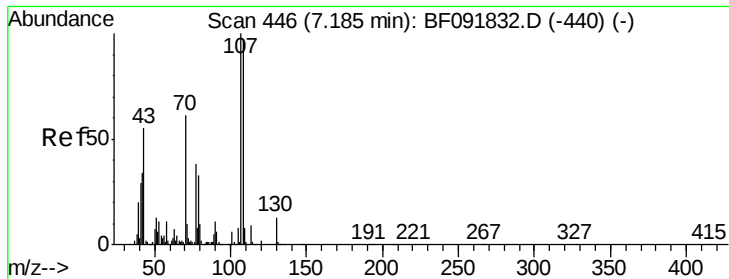


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

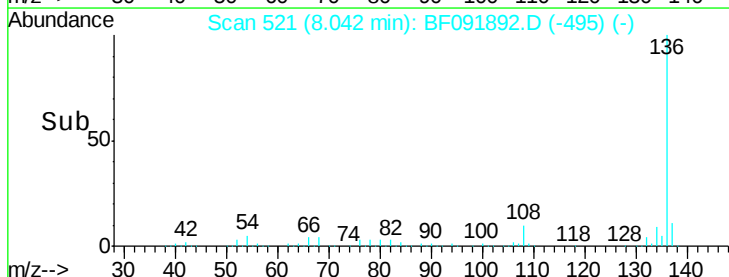
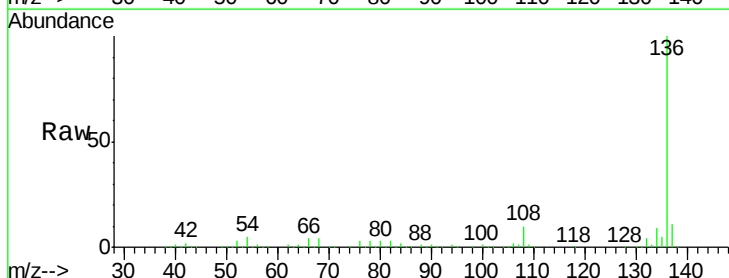
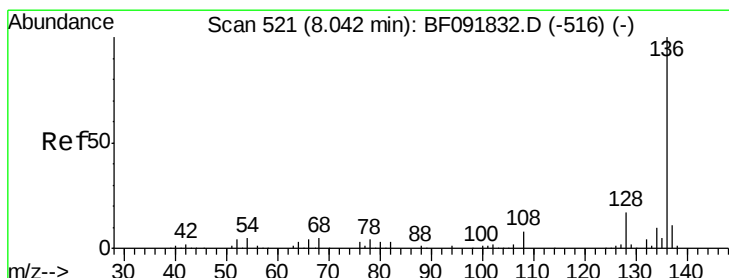
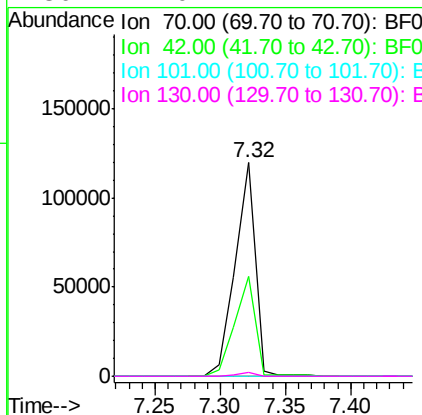




#19
n-Nitroso-di-n-propylamine
Concen: 18.24 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.14 min
Lab File: BF091892.D
Acq: 22 Dec 2016 18:03

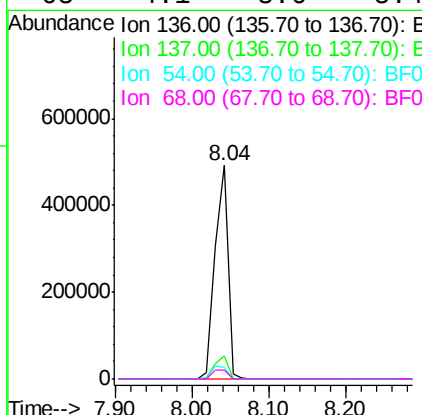
Instrument :
BNA_F
ClientSampleId :
FB121616

Tgt Ion: 70 Resp: 127327
Ion Ratio Lower Upper
70 100
42 46.7 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091892.D
Acq: 22 Dec 2016 18:03

Tgt Ion: 136 Resp: 571746
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 5.4 4.5 6.7
68 4.1 3.6 5.4

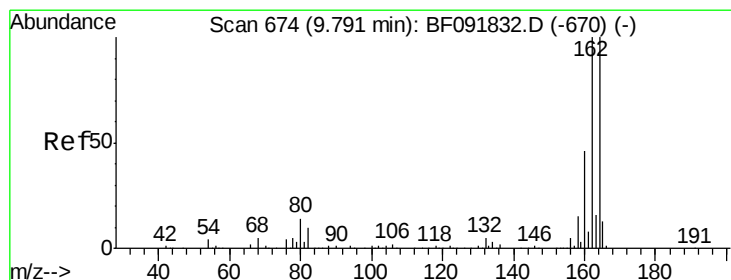
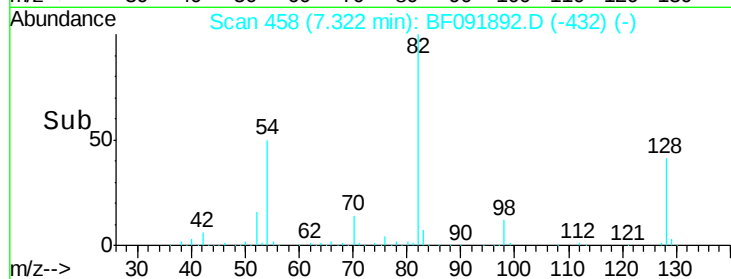
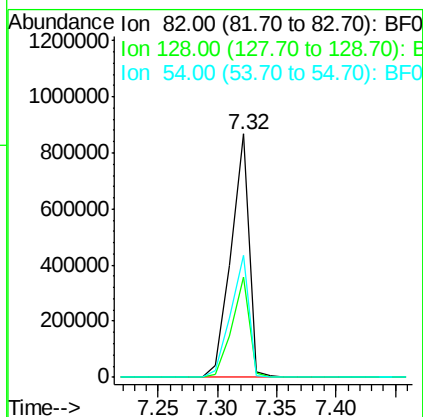
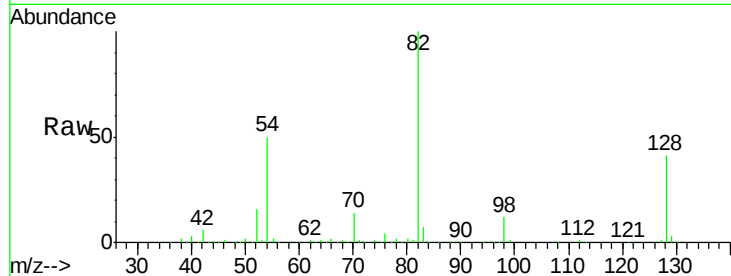




#23
 Nitrobenzene-d5
 Concen: 89.41 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF091892.D
 Acq: 22 Dec 2016 18:03

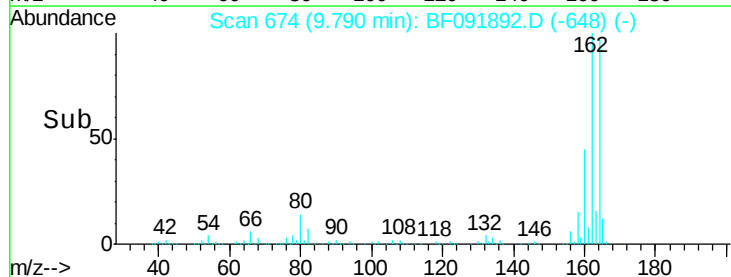
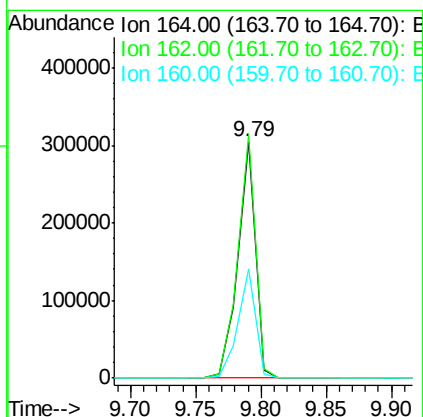
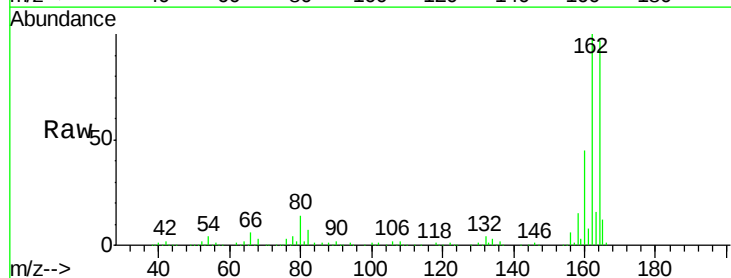
Instrument :
 BNA_F
 ClientSampleId :
 FB121616

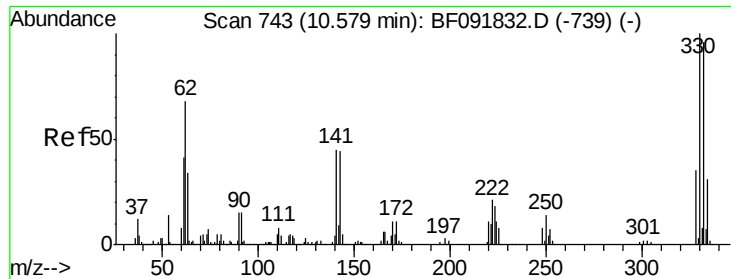
Tgt Ion: 82 Resp: 919315
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.6 52.0
 54 49.9 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF091892.D
 Acq: 22 Dec 2016 18:03

Tgt Ion: 164 Resp: 284621
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.2 120.2
 160 46.0 36.9 55.3

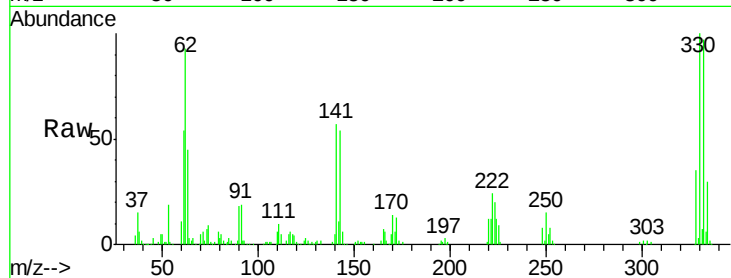




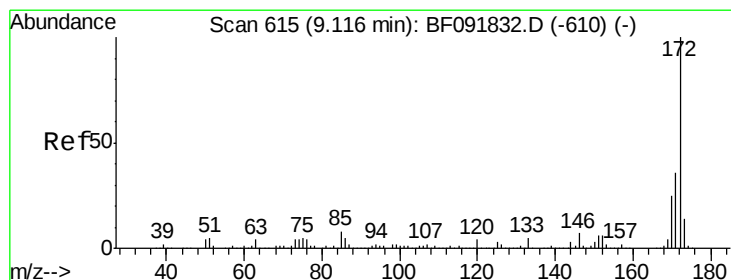
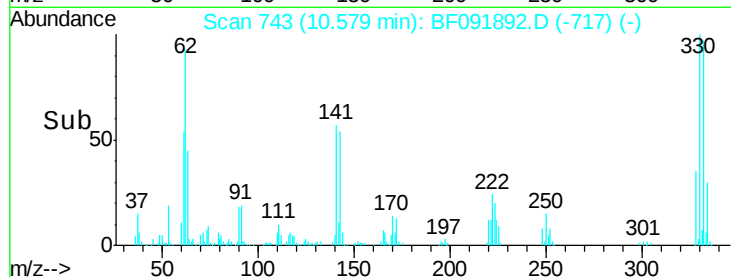
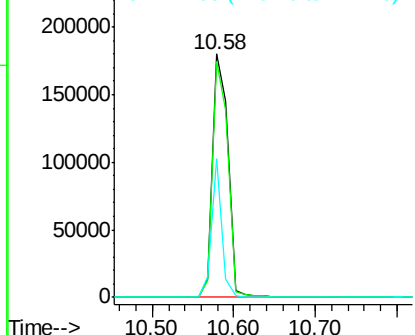
#41
 2,4,6-Tribromophenol
 Concen: 102.55 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091892.D
 Acq: 22 Dec 2016 18:03

Instrument :
 BNA_F
 ClientSampleId :
 FB121616

Tgt Ion:330 Resp: 241558
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 38.5 34.1 51.1

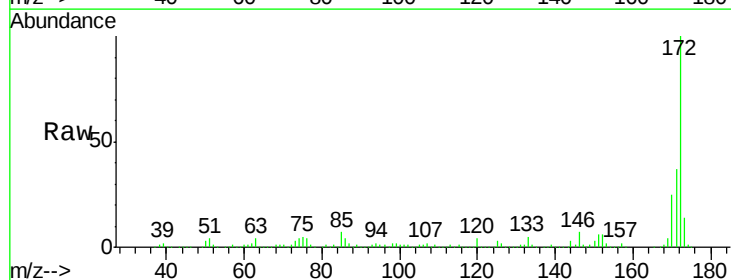


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

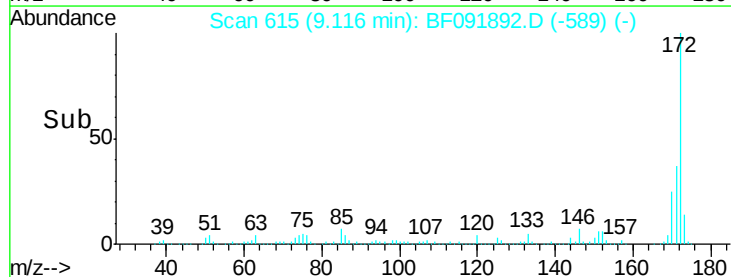
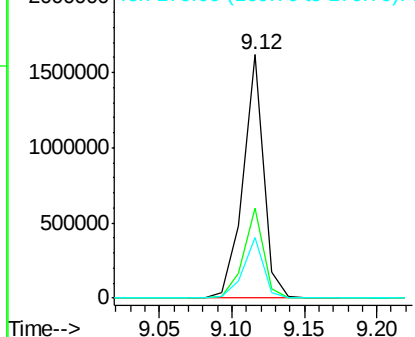


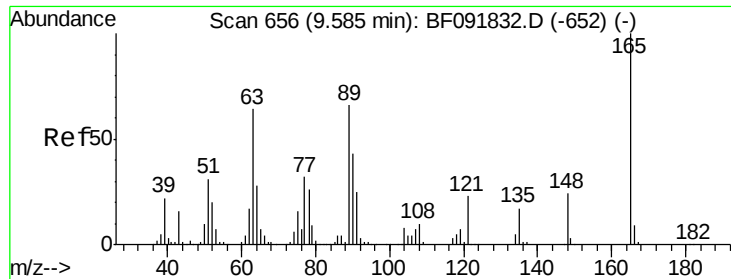
#44
 2-Fluorobiphenyl
 Concen: 119.78 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091892.D
 Acq: 22 Dec 2016 18:03

Tgt Ion:172 Resp: 1590568
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.7 20.2 30.4



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

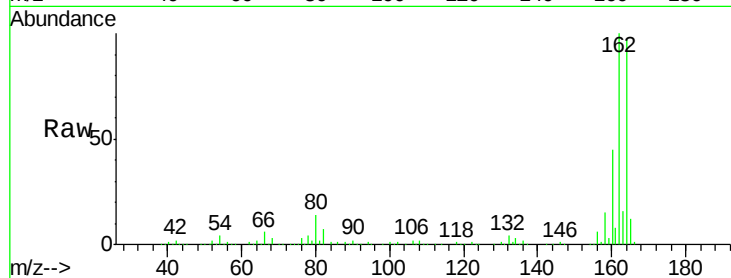




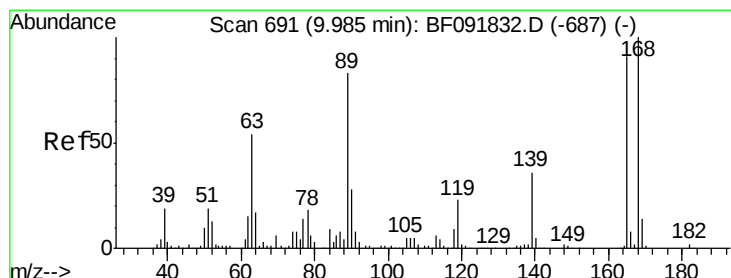
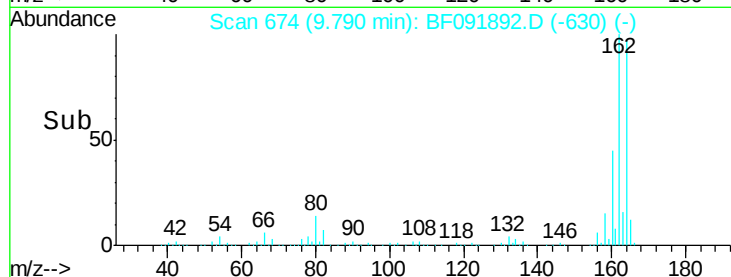
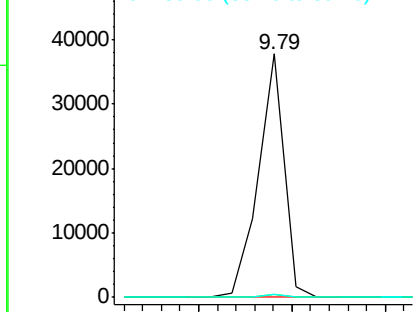
#50
2,6-Dinitrotoluene
Concen: 9.00 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.21 min
Lab File: BF091892.D
Acq: 22 Dec 2016 18:03

Instrument :
BNA_F
ClientSampleId :
FB121616

Tgt Ion:165 Resp: 35873
Ion Ratio Lower Upper
165 100
63 1.0 36.2 54.4#
89 1.0 40.2 60.4#

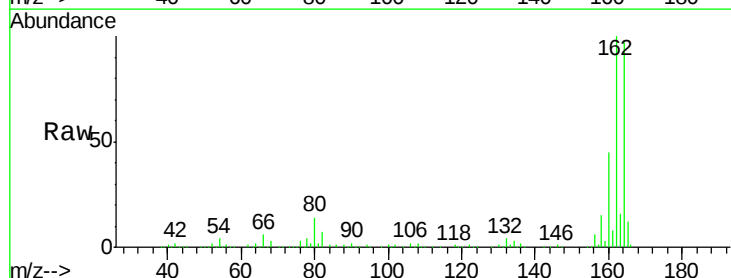


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

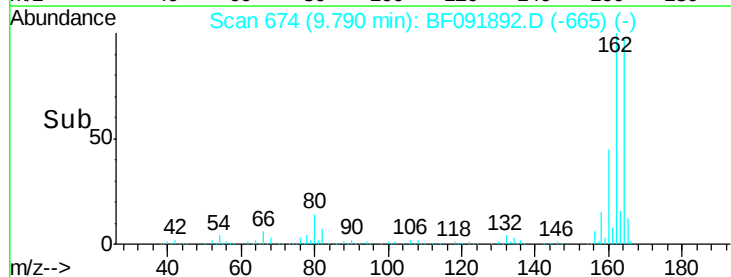
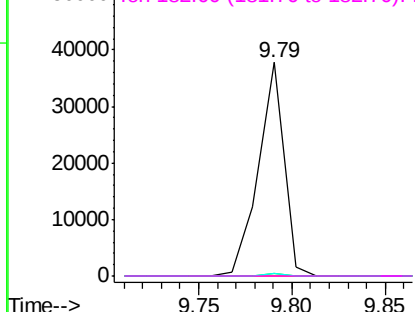


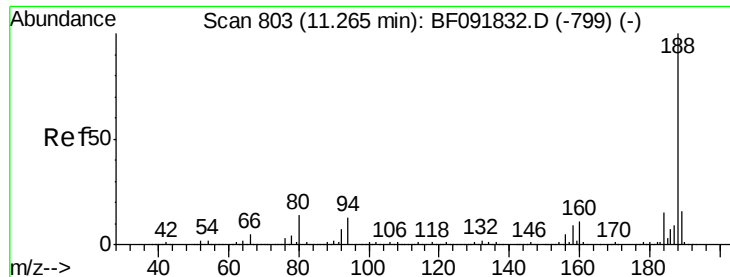
#56
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.19 min
Lab File: BF091892.D
Acq: 22 Dec 2016 18:03

Tgt Ion:165 Resp: 35873
Ion Ratio Lower Upper
165 100
63 1.0 40.2 60.4#
89 1.0 62.5 93.7#
182 0.0 1.8 2.8#



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

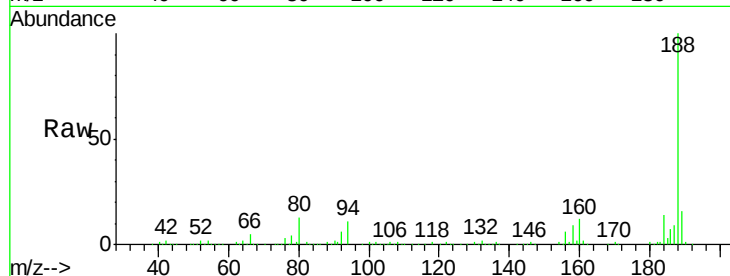




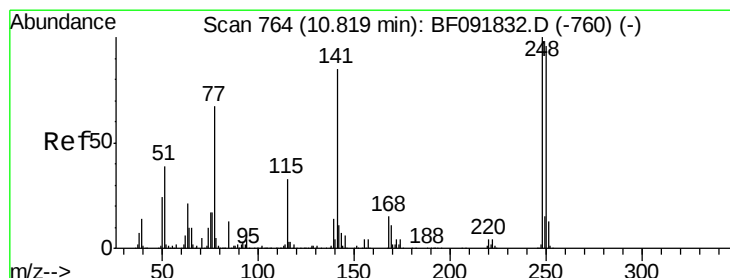
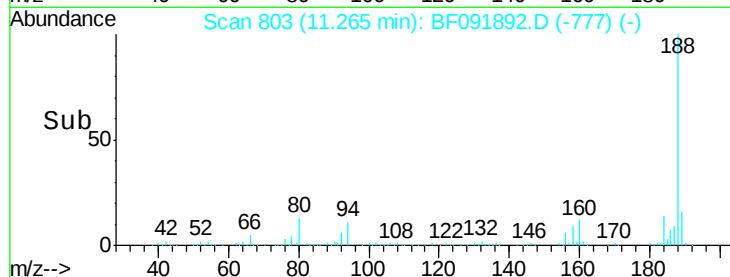
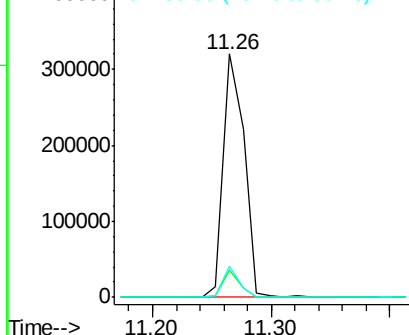
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091892.D
Acq: 22 Dec 2016 18:03

Instrument :
BNA_F
ClientSampleId :
FB121616

Tgt Ion:188 Resp: 389625
Ion Ratio Lower Upper
188 100
94 11.4 10.0 15.0
80 12.8 11.2 16.8

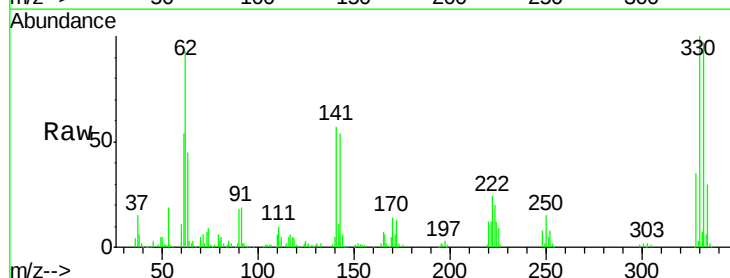


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

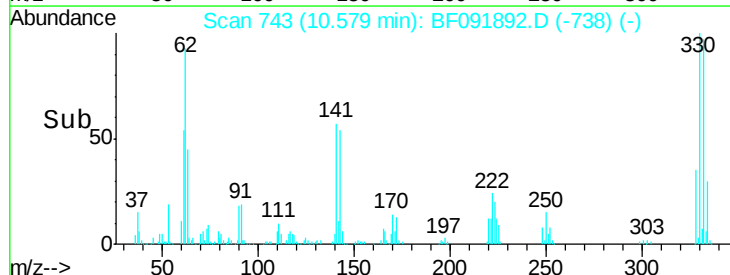
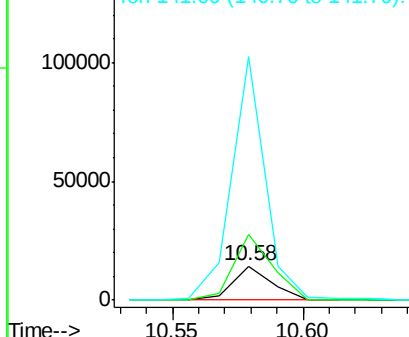


#66
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.24 min
Lab File: BF091892.D
Acq: 22 Dec 2016 18:03

Tgt Ion:248 Resp: 14606
Ion Ratio Lower Upper
248 100
250 192.4 76.9 115.3#
141 715.0 68.2 102.4#



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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091892.D

Acq: 22 Dec 2016 18:03

Instrument :

BNA_F

ClientSampleId :

FB121616

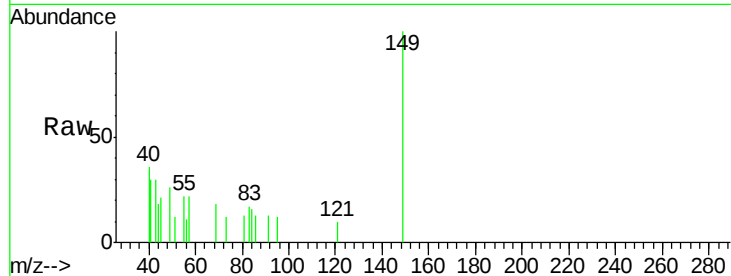
Tgt Ion:149 Resp: 2781

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

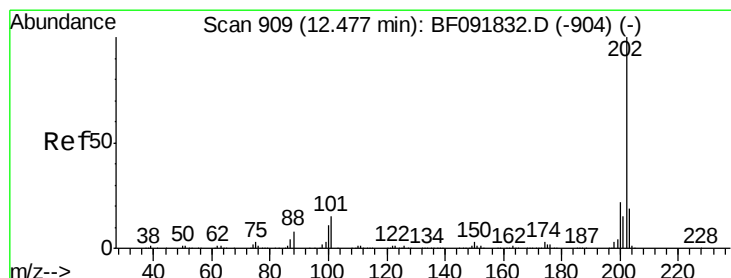
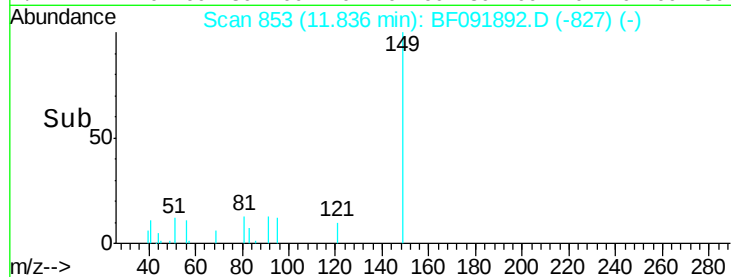
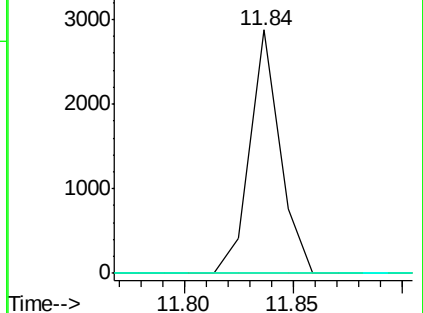
104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091892.D

Acq: 22 Dec 2016 18:03

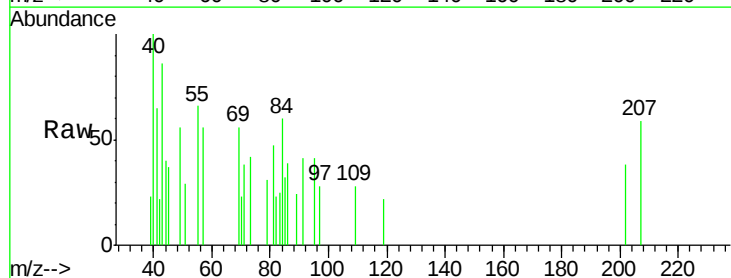
Tgt Ion:202 Resp: 582

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

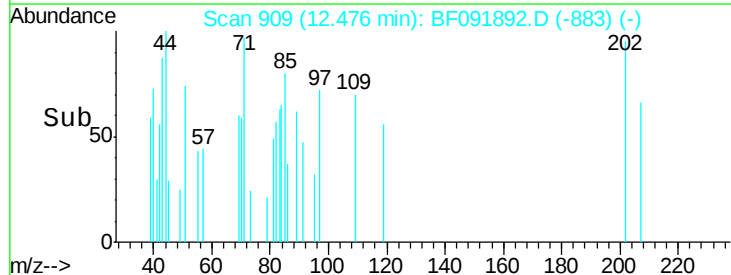
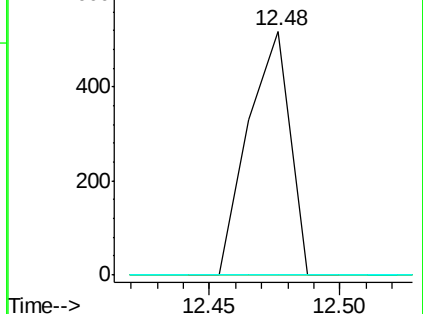
203 0.0 0.0 38.7

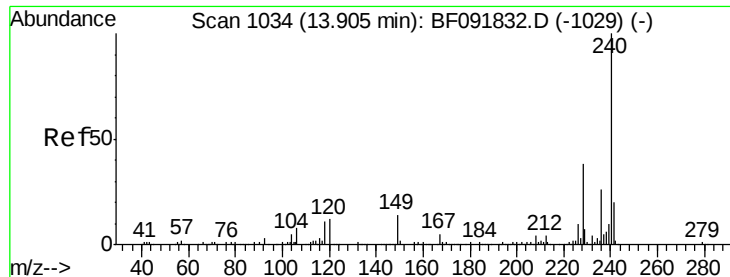


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091892.D

Acq: 22 Dec 2016 18:03

Instrument :

BNA_F

ClientSampleId :

FB121616

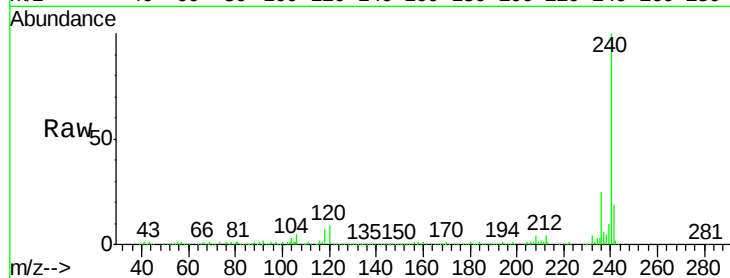
Tgt Ion:240 Resp: 301755

Ion Ratio Lower Upper

240 100

120 8.5 12.9 19.3#

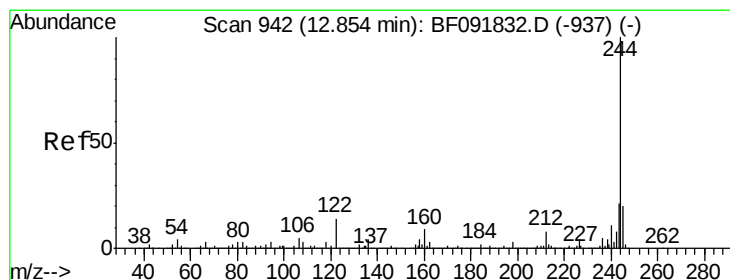
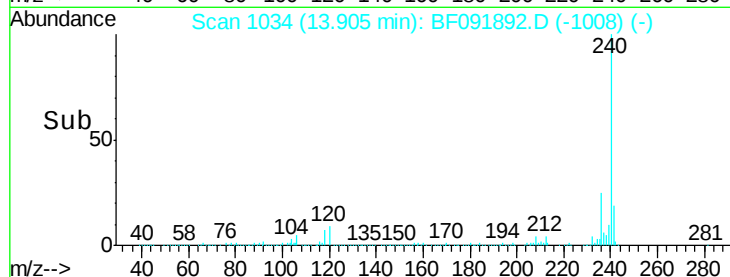
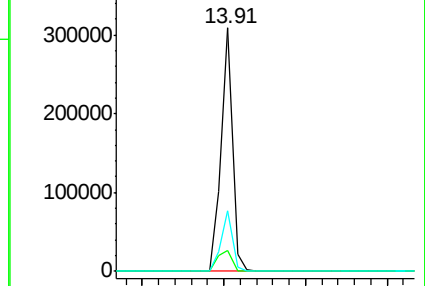
236 25.0 20.9 31.3



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: 123.72 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091892.D

Acq: 22 Dec 2016 18:03

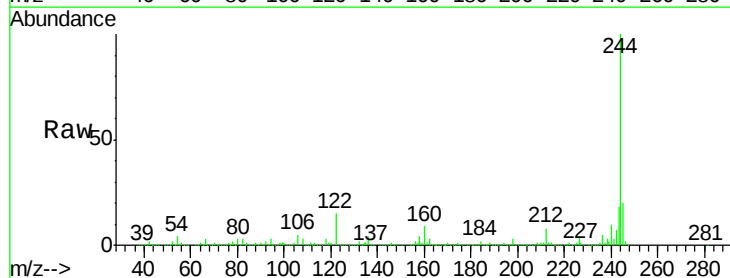
Tgt Ion:244 Resp: 1539333

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

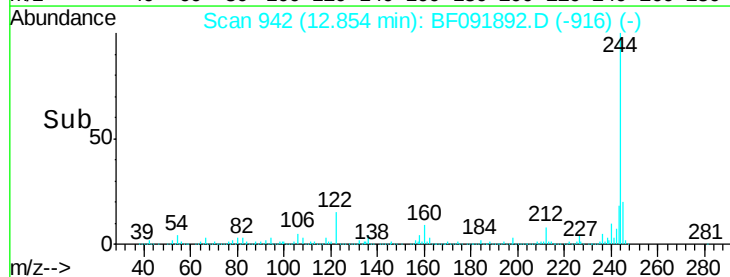
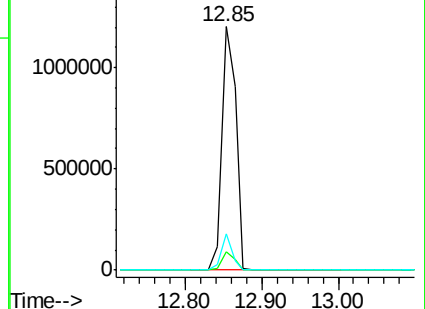
122 14.7 11.4 17.2

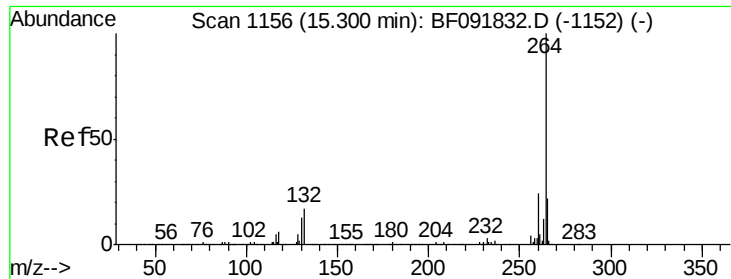


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091892.D
Acq: 22 Dec 2016 18:03

Instrument :
BNA_F
ClientSampleId :
FB121616

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.4	26.0

