

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
 Data File : BF091823.D
 Acq On : 20 Dec 2016 16:40
 Operator : UM/SJ
 Sample : H6165-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-9-10

Quant Time: Dec 20 23:46:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

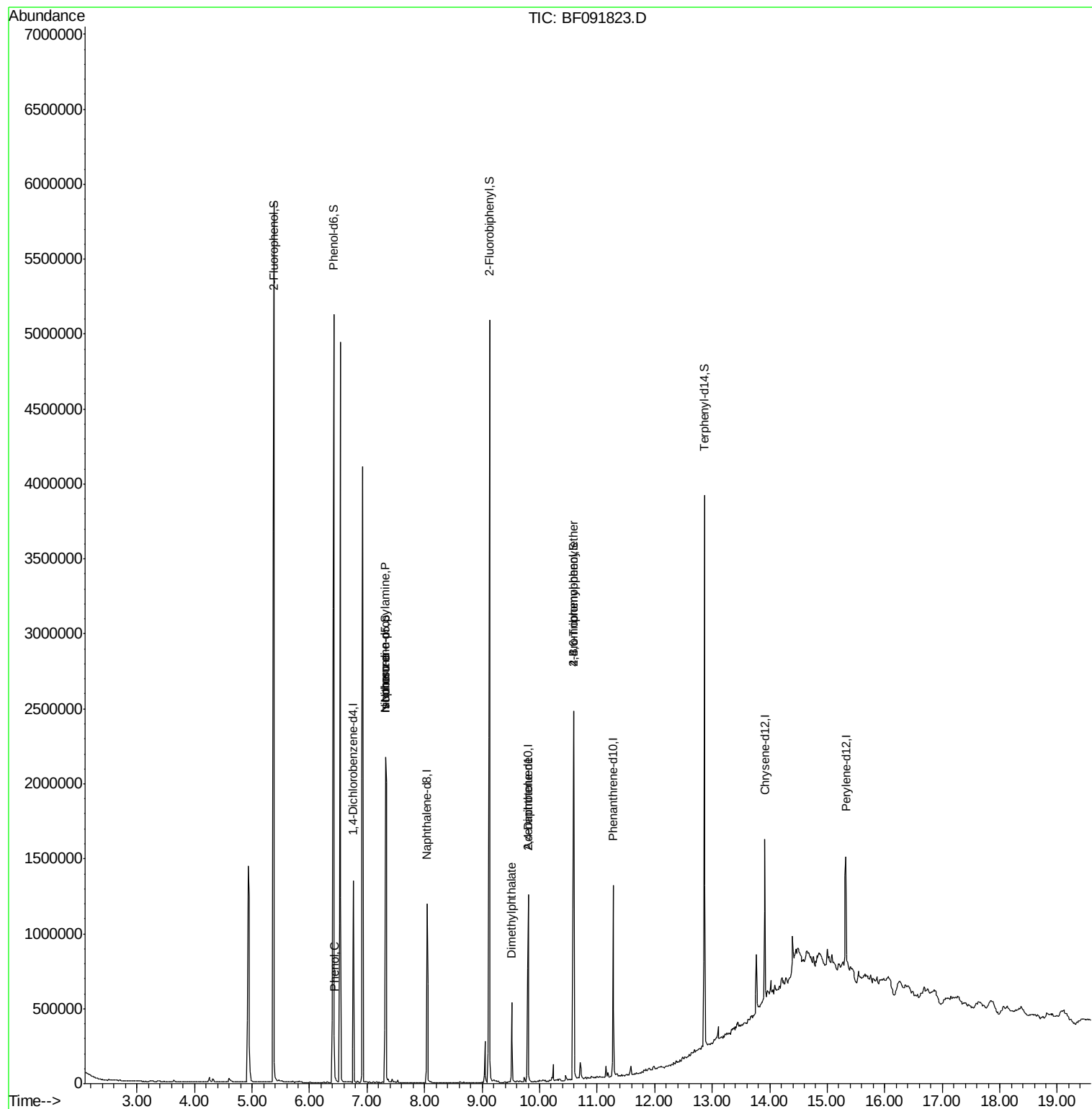
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	191106	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	691814	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	346062	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	503597	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	445792	20.00	ng	-0.01
86) Perylene-d12	15.32	264	408762	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1951458	171.08	ng	0.01
7) Phenol-d6	6.42	99	1971511	141.72	ng	0.00
23) Nitrobenzene-d5	7.32	82	1125937	93.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	328877	112.07	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1793922	104.14	ng	-0.01
78) Terphenyl-d14	12.86	244	1229945	69.66	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.30	77	1004	Below Cal	#	79
10) Phenol	6.43	94	71568	4.56 ng	#	62
19) n-Nitroso-di-n-propylamine	7.32	70	146812	15.87 ng	#	76
25) Isophorone	7.32	82	1031572	45.07 ng	#	65
49) Dimethylphthalate	9.52	163	276355	12.23 ng	#	99
56) 2,4-Dinitrotoluene	9.80	165	45276	7.31 ng	#	19
66) 4-Bromophenyl-phenylether	10.59	248	21371	4.05 ng	#	1

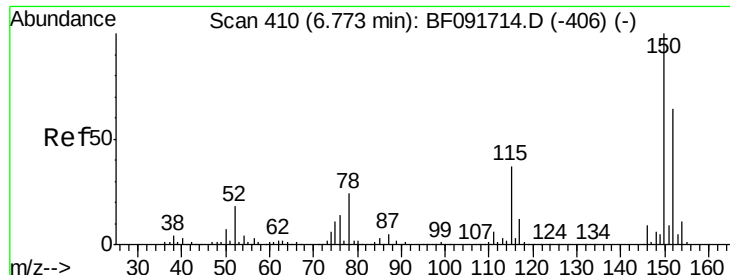
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091823.D
Acq On : 20 Dec 2016 16:40
Operator : UM/SJ
Sample : H6165-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-9-10

Quant Time: Dec 20 23:46:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

SB-4-9-10

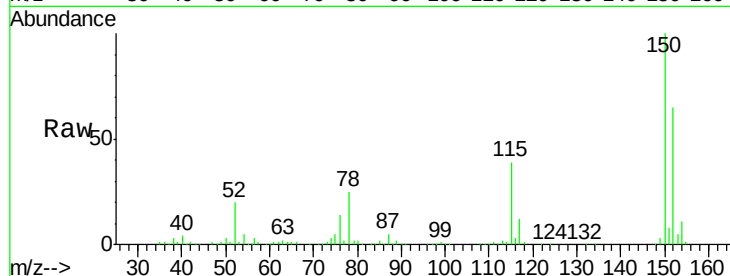
Tgt Ion:152 Resp: 191106

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

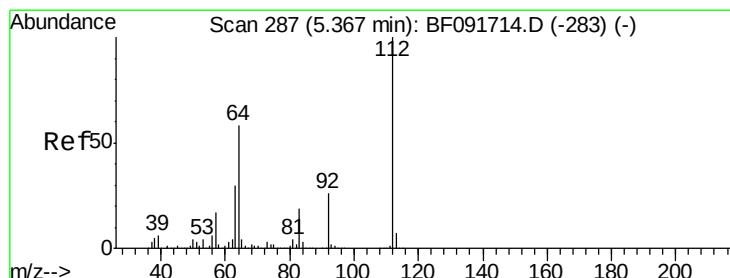
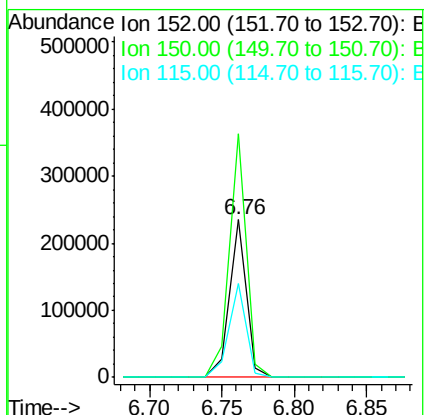
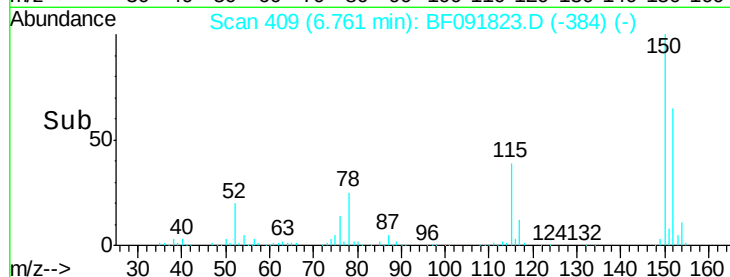
115 59.6 46.0 69.0



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: 171.08 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

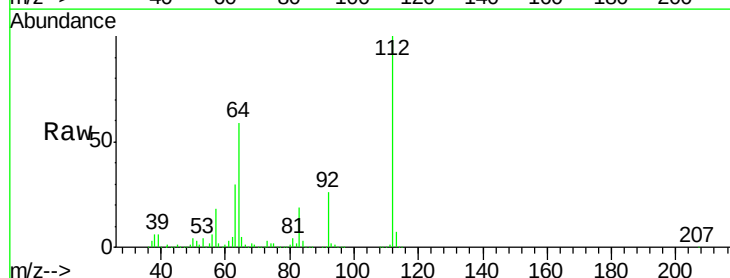
Tgt Ion:112 Resp: 1951458

Ion Ratio Lower Upper

112 100

64 58.9 46.1 69.1

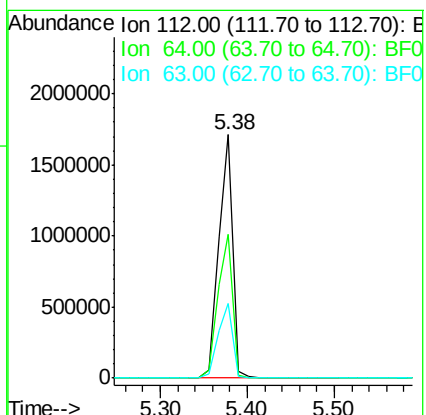
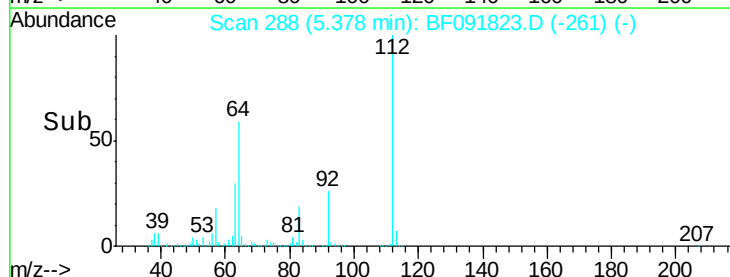
63 30.4 23.8 35.6

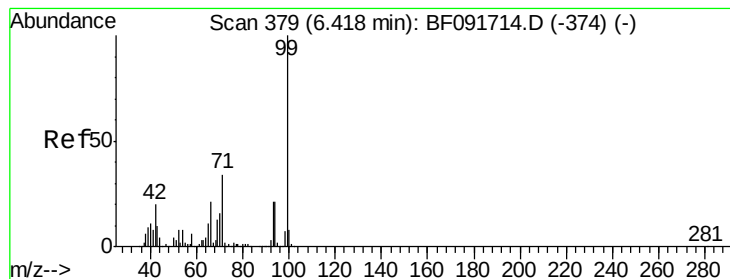


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.72 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

SB-4-9-10

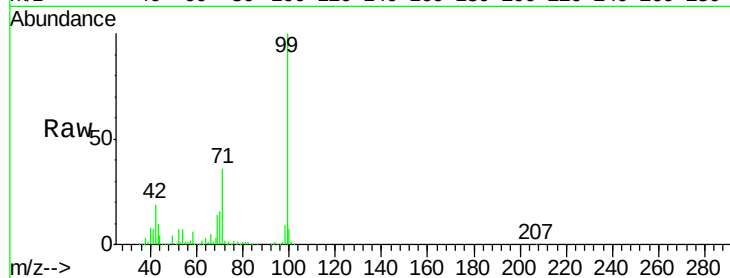
Tgt Ion: 99 Resp: 1971511

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

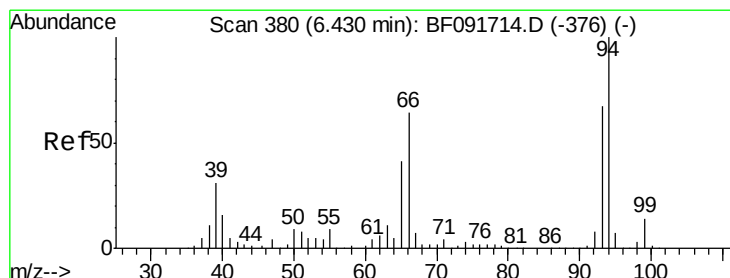
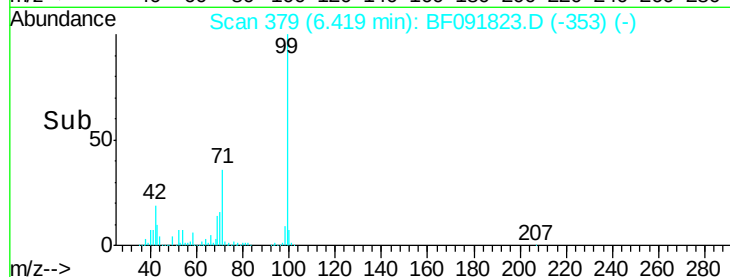
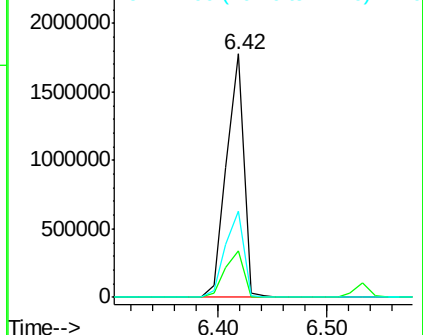
71 35.6 27.5 41.3



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



#10

Phenol

Concen: 4.56 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

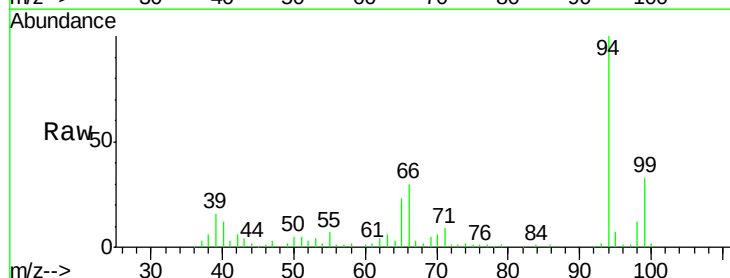
Tgt Ion: 94 Resp: 71568

Ion Ratio Lower Upper

94 100

65 23.3 21.4 61.4

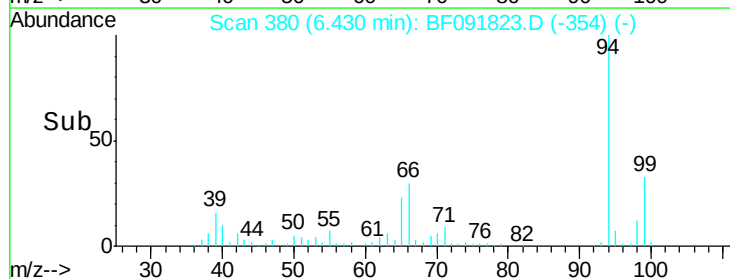
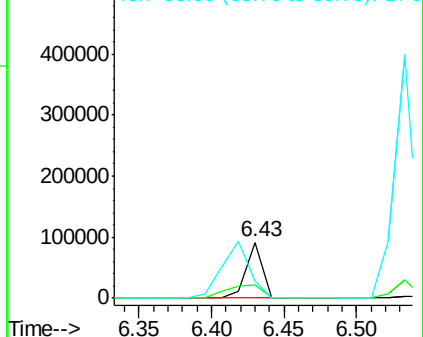
66 30.3 44.0 84.0#

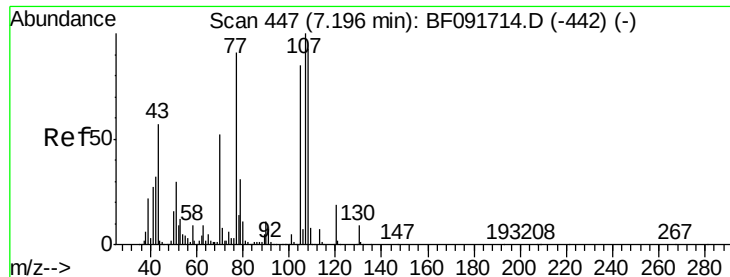


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

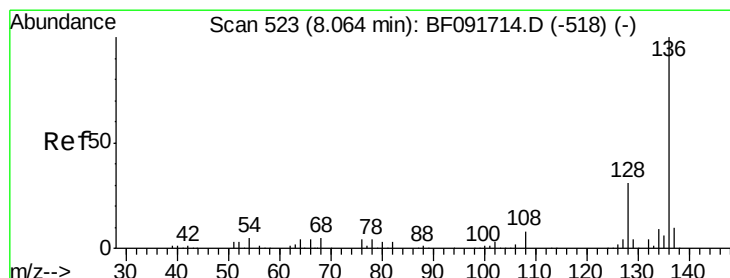
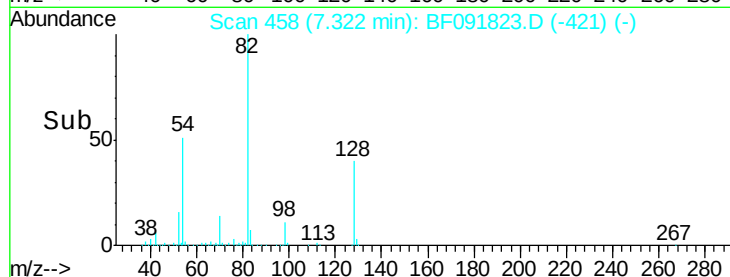
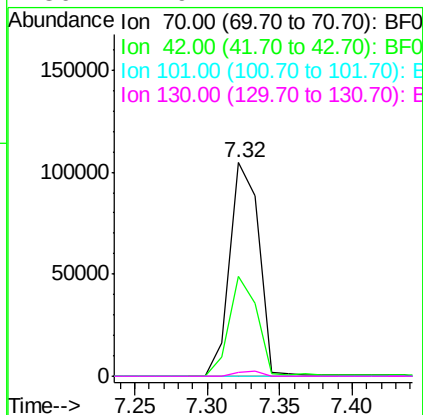
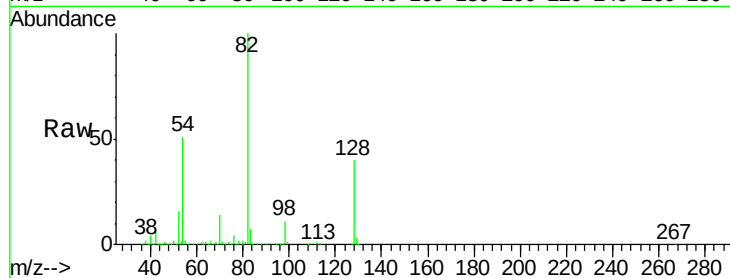




#19
n-Nitroso-di-n-propylamine
Concen: 15.87 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.13 min
Lab File: BF091823.D
Acq: 20 Dec 2016 16:40

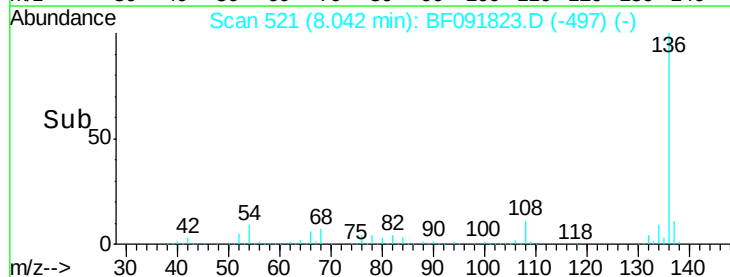
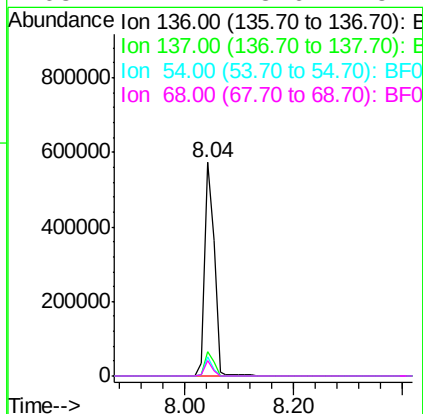
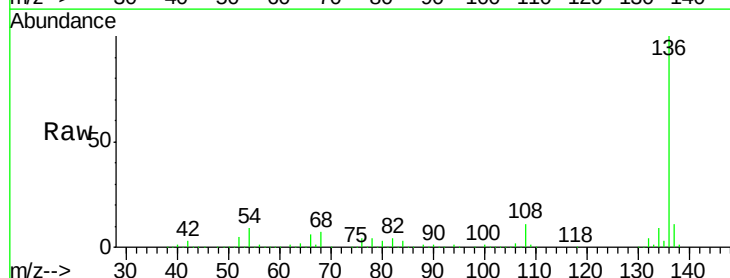
Instrument :
BNA_F
ClientSampleId :
SB-4-9-10

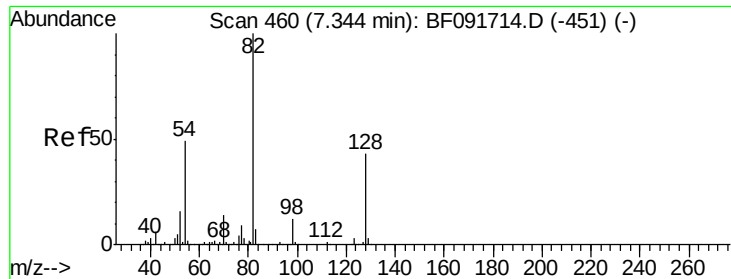
Tgt Ion: 70 Resp: 146812
Ion Ratio Lower Upper
70 100
42 46.6 49.4 74.0#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091823.D
Acq: 20 Dec 2016 16:40

Tgt Ion: 136 Resp: 691814
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.2 4.5 6.7#
68 7.1 3.6 5.4#

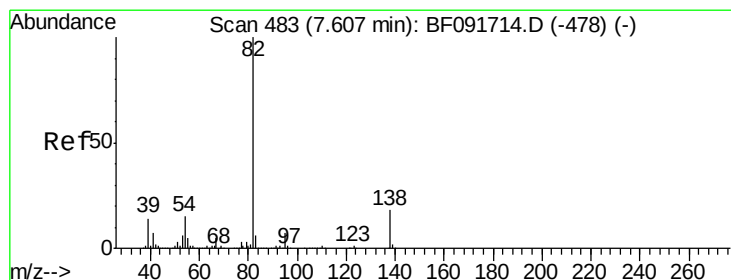
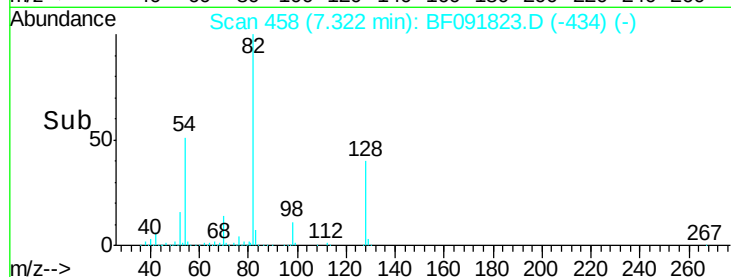
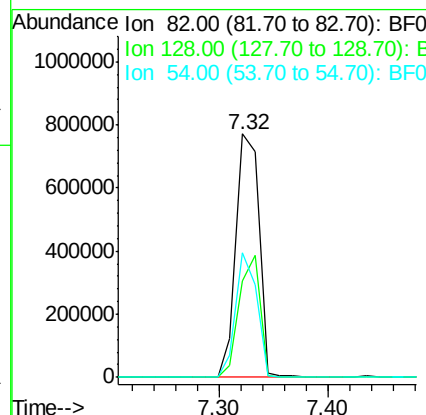
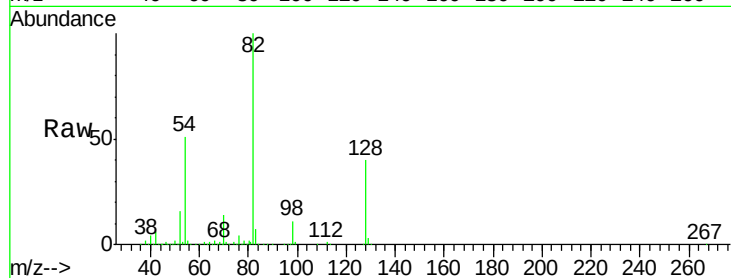




#23
 Nitrobenzene-d5
 Concen: 93.86 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091823.D
 Acq: 20 Dec 2016 16:40

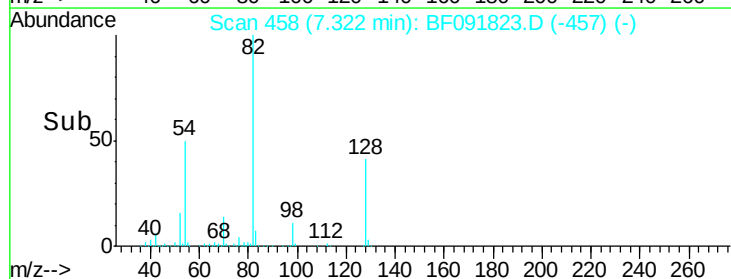
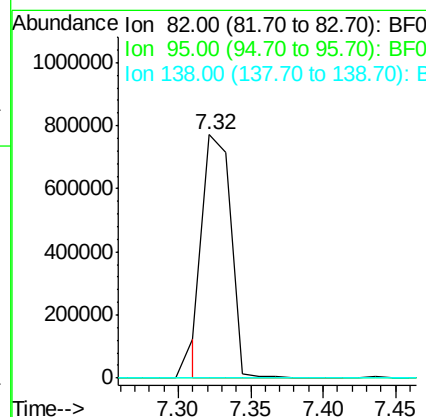
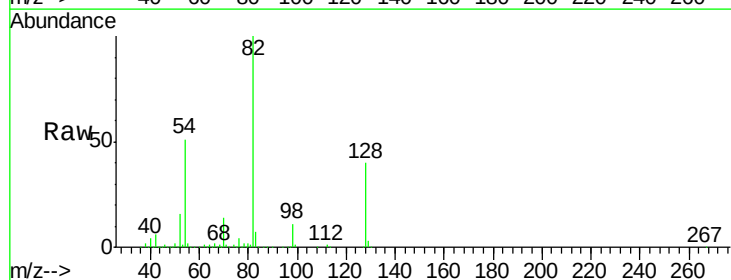
Instrument :
 BNA_F
 ClientSampleId :
 SB-4-9-10

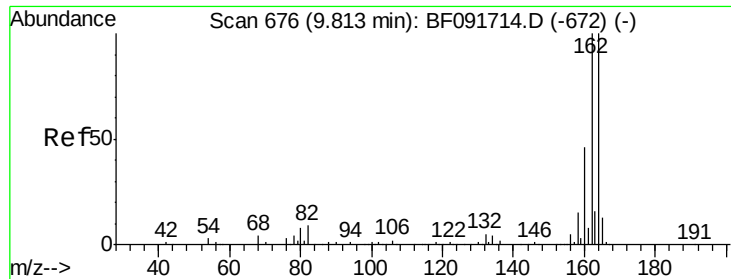
Tgt Ion: 82 Resp: 1125937
 Ion Ratio Lower Upper
 82 100
 128 39.6 34.6 52.0
 54 51.4 39.5 59.3



#25
 Isophorone
 Concen: 45.07 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.29 min
 Lab File: BF091823.D
 Acq: 20 Dec 2016 16:40

Tgt Ion: 82 Resp: 1031572
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

SB-4-9-10

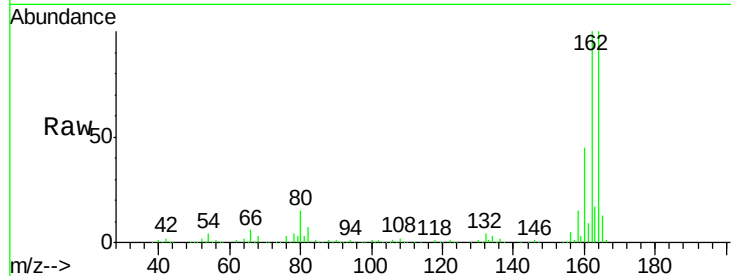
Tgt Ion:164 Resp: 346062

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

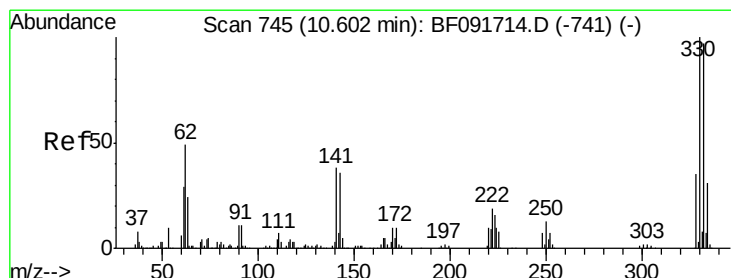
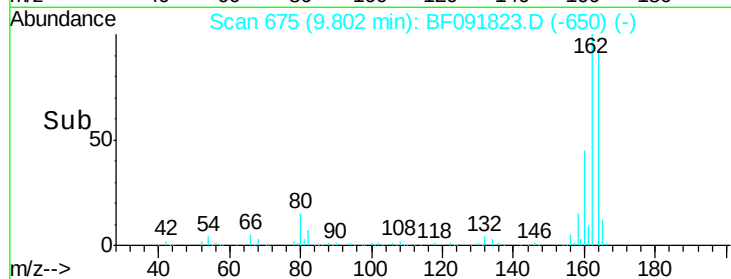
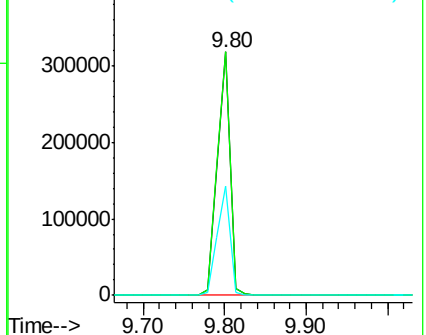
160 44.9 36.9 55.3



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: 112.07 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

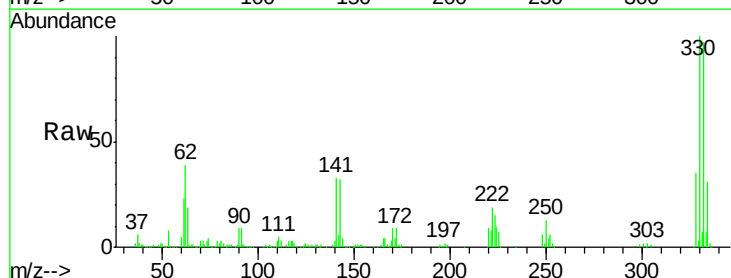
Tgt Ion:330 Resp: 328877

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

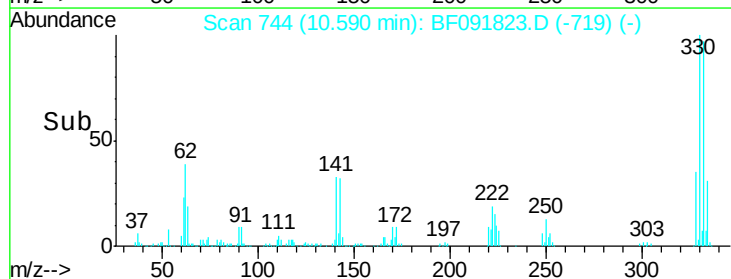
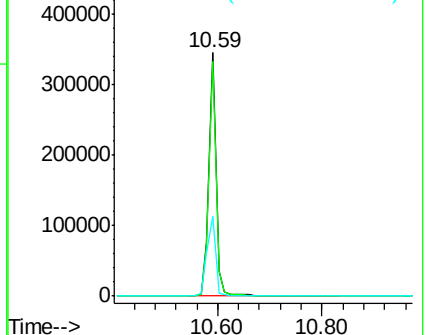
141 38.8 34.1 51.1

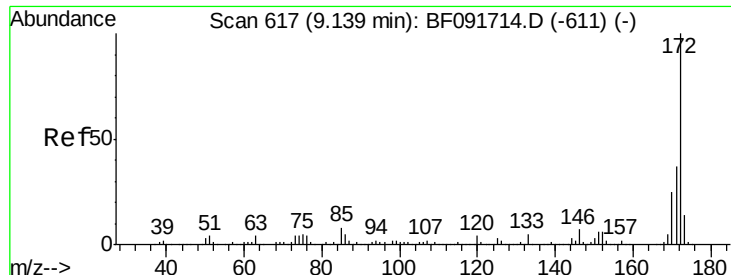


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

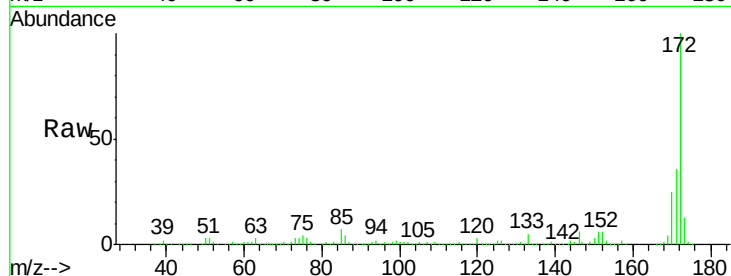




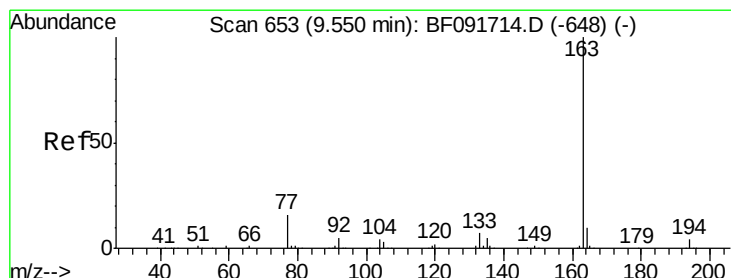
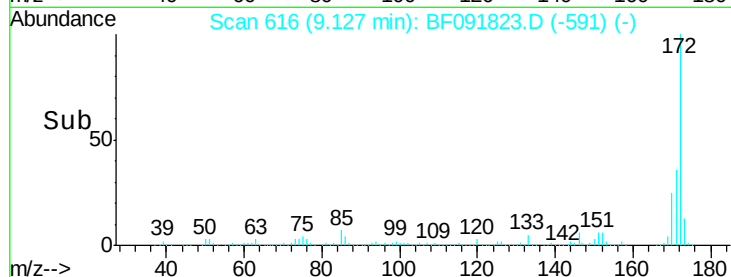
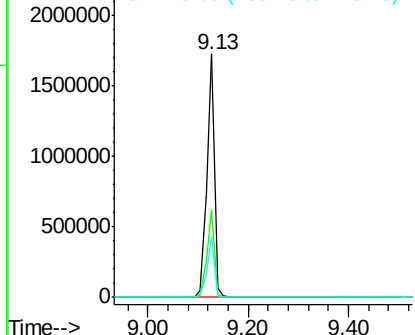
#44
 2-Fluorobiphenyl
 Concen: 104.14 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091823.D
 Acq: 20 Dec 2016 16:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-9-10

Tgt Ion:172 Resp: 1793922
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.8 20.2 30.4

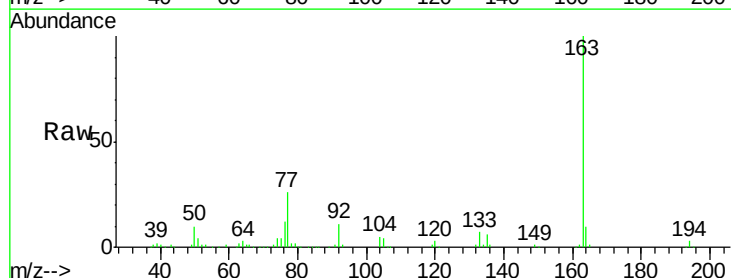


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

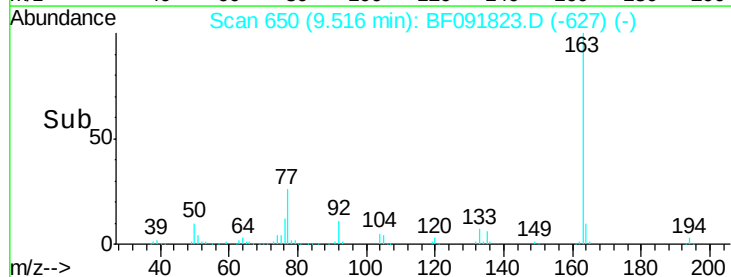
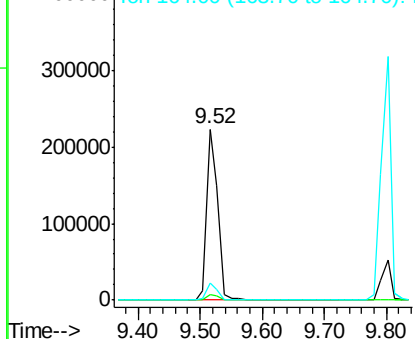


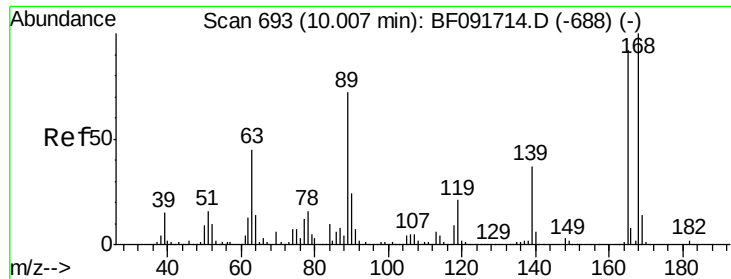
#49
 Dimethylphthalate
 Concen: 12.23 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF091823.D
 Acq: 20 Dec 2016 16:40

Tgt Ion:163 Resp: 276355
 Ion Ratio Lower Upper
 163 100
 194 2.9 3.0 4.4#
 164 10.0 8.0 12.0



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

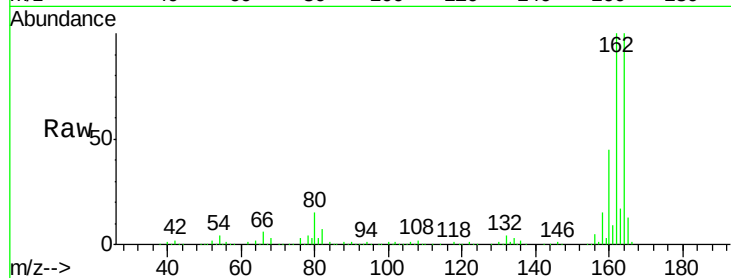




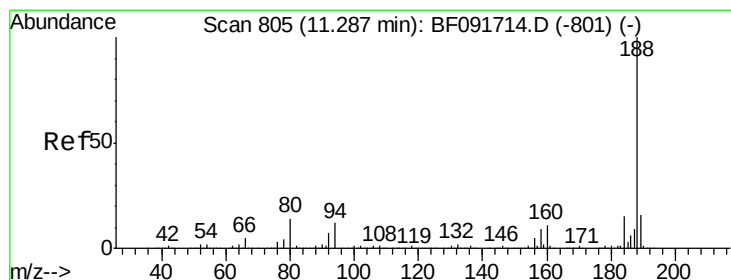
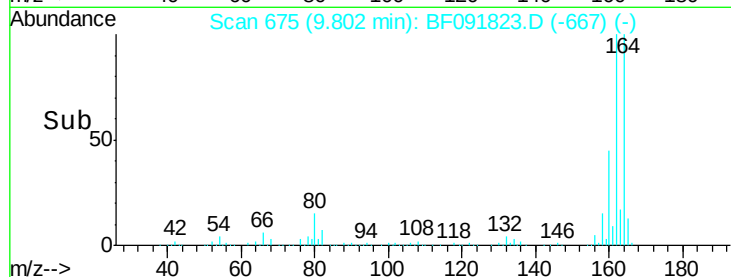
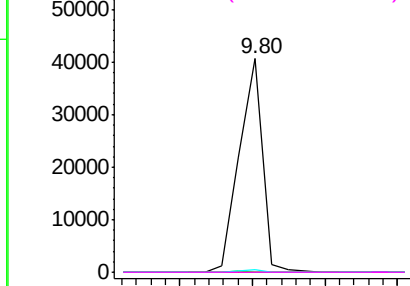
#56
2,4-Dinitrotoluene
Concen: 7.31 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF091823.D
Acq: 20 Dec 2016 16:40

Instrument :
BNA_F
ClientSampleId :
SB-4-9-10

Tgt Ion:165 Resp: 45276
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.4#
89 1.0 62.5 93.7#
182 0.0 1.8 2.8#

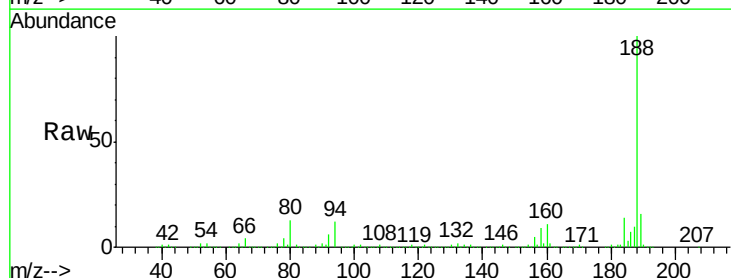


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

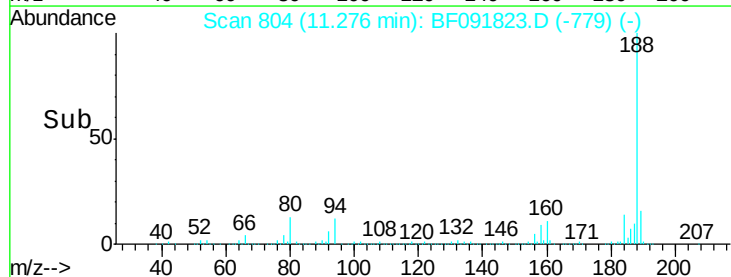
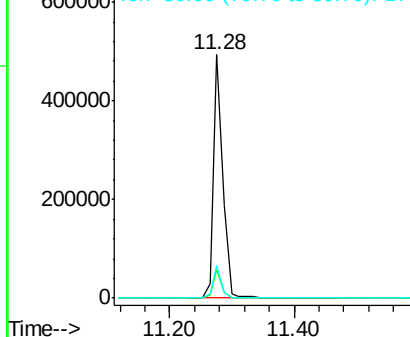


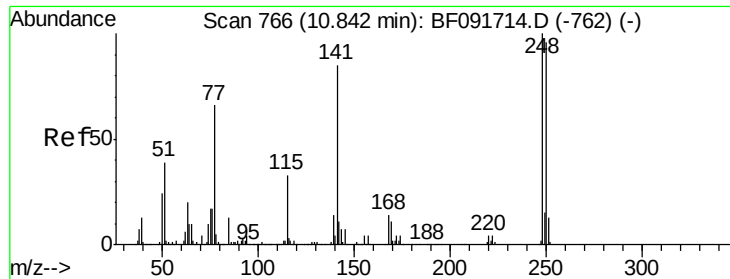
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091823.D
Acq: 20 Dec 2016 16:40

Tgt Ion:188 Resp: 503597
Ion Ratio Lower Upper
188 100
94 11.7 10.0 15.0
80 13.1 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

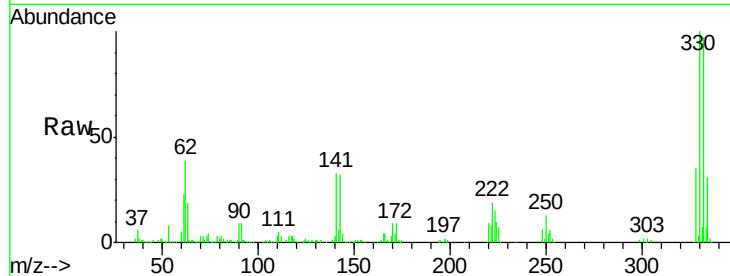




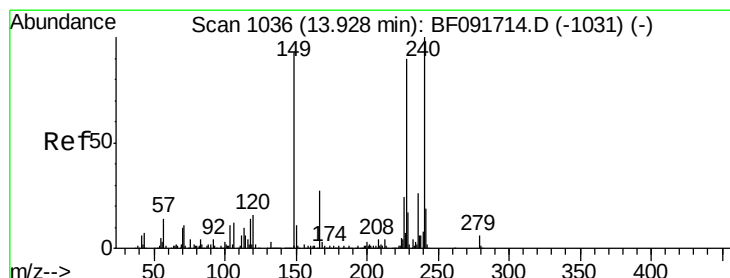
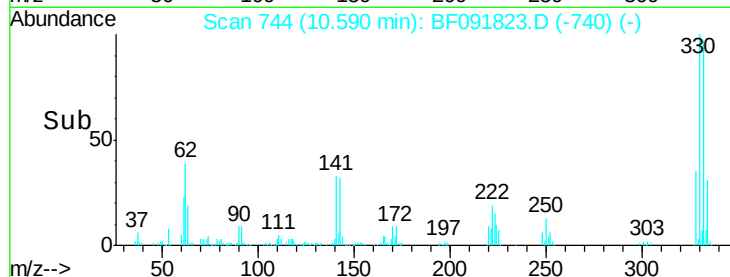
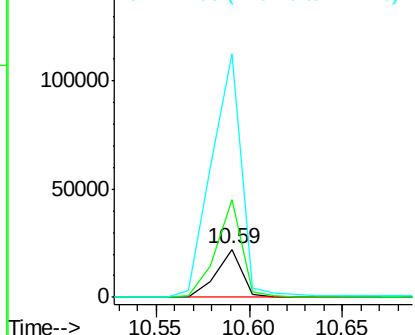
#66
 4-Bromophenyl-phenylether
 Concen: 4.05 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF091823.D
 Acq: 20 Dec 2016 16:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-9-10

Tgt Ion:248 Resp: 21371
 Ion Ratio Lower Upper
 248 100
 250 203.6 76.9 115.3#
 141 505.5 68.2 102.4#

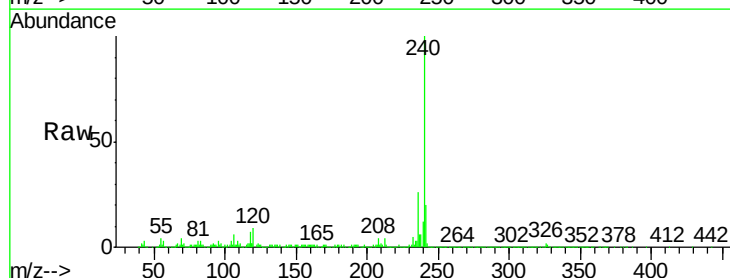


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

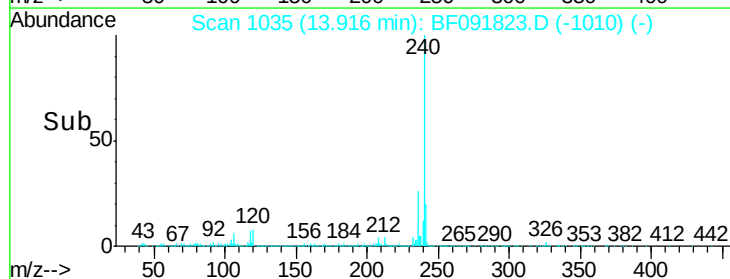
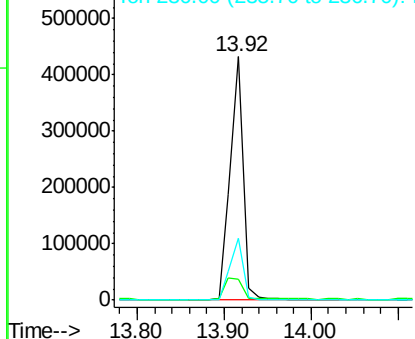


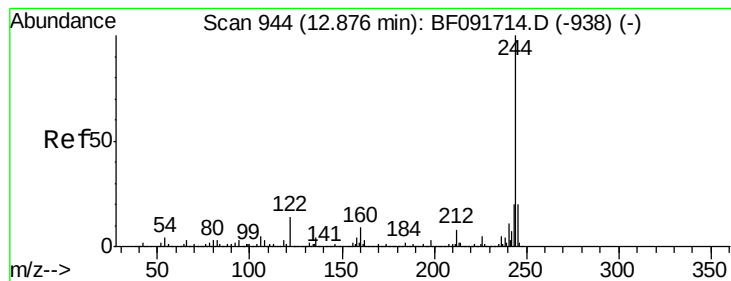
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091823.D
 Acq: 20 Dec 2016 16:40

Tgt Ion:240 Resp: 445792
 Ion Ratio Lower Upper
 240 100
 120 8.8 12.9 19.3#
 236 25.6 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: 69.66 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

SB-4-9-10

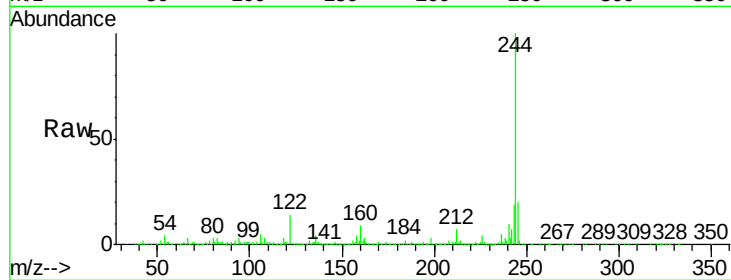
Tgt Ion:244 Resp: 1229945

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

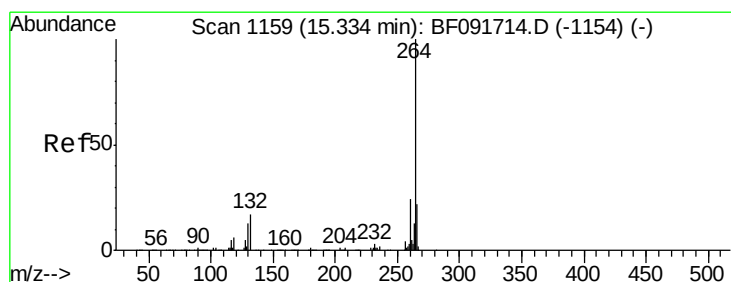
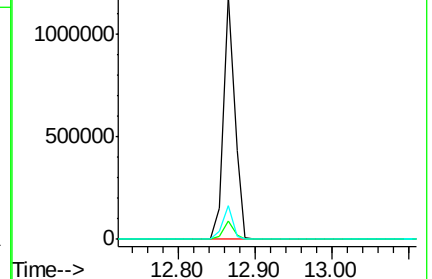
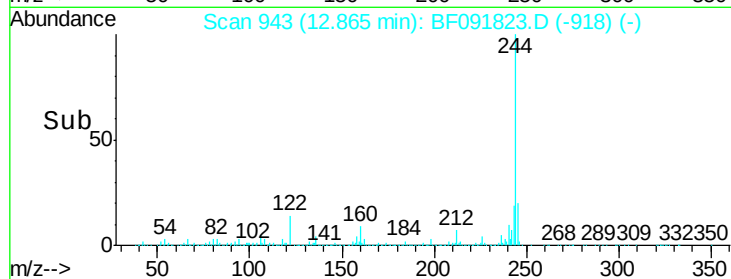
122 13.7 11.4 17.2



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: 15.32 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF091823.D

Acq: 20 Dec 2016 16:40

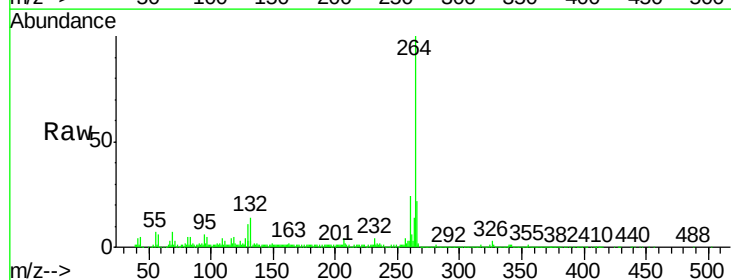
Tgt Ion:264 Resp: 408762

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

