

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082616\
 Data File : BF089921.D
 Acq On : 26 Aug 2016 21:32
 Operator : UM/SJ
 Sample : H4598-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-3

Quant Time: Aug 26 23:07:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 18:51:25 2016
 Response via : Initial Calibration

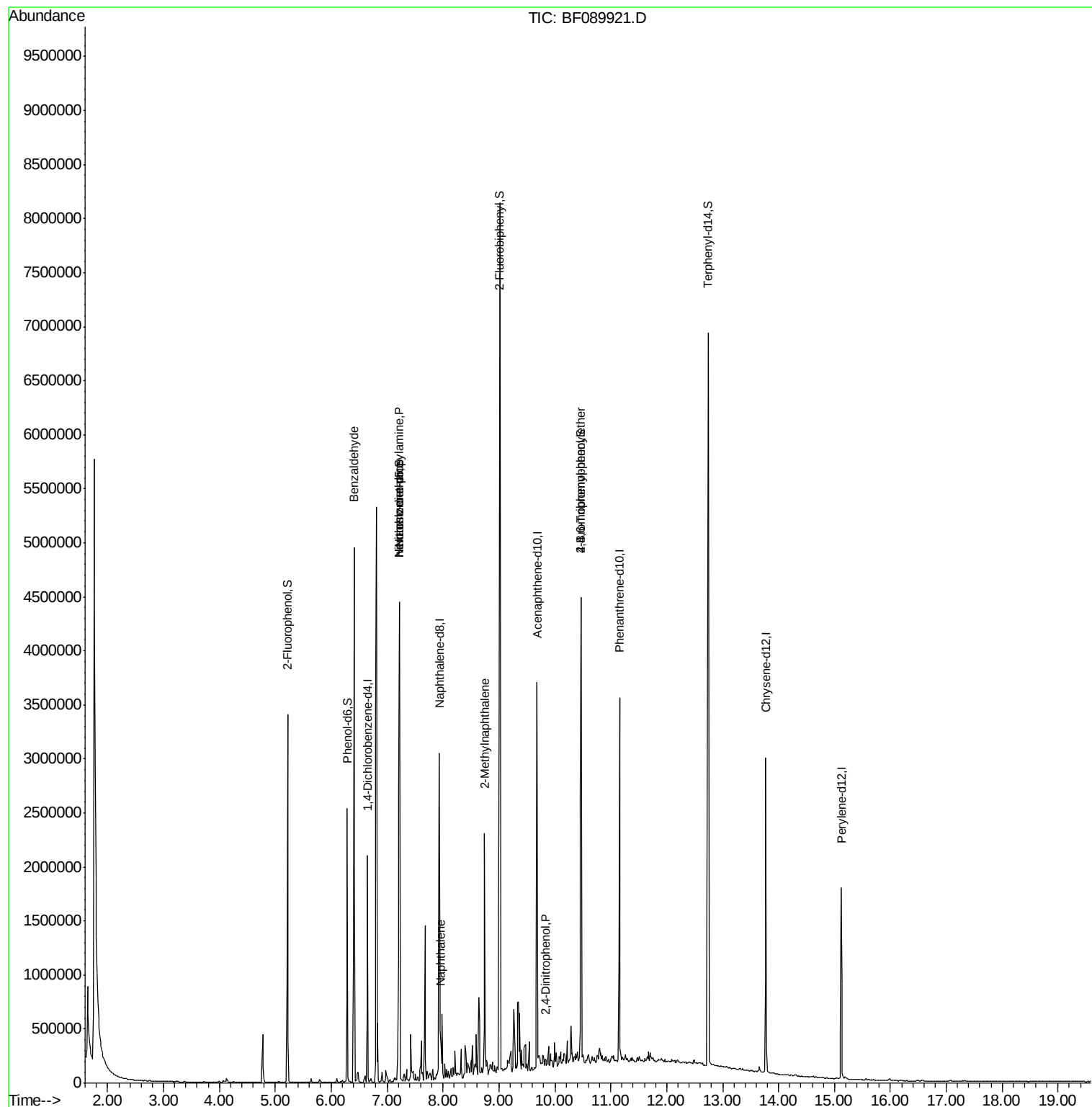
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	344318	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1270275	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	651649	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	1204472	20.00	ng	0.00
75) Chrysene-d12	13.77	240	988333	20.00	ng	-0.01
86) Perylene-d12	15.12	264	799421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1023766	50.99	ng	0.00
7) Phenol-d6	6.28	99	926919	37.61	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1855000	90.72	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	636972	102.85	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2658415	71.70	ng	0.00
78) Terphenyl-d14	12.74	244	2346597	53.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	34829	2.17	ng	Qvalue 85
18) Hexachloroethane	7.22	117	171245	18.61	ng	# 2
19) n-Nitroso-di-n-propylamine	7.22	70	243009	15.42	ng	# 69
31) Naphthalene	7.95	128	120239	2.03	ng	# 95
37) 2-Methylnaphthalene	8.74	142	536319	13.96	ng	95
53) 2,4-Dinitrophenol	9.83	184	563	2.32	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	39220	3.11	ng	# 1

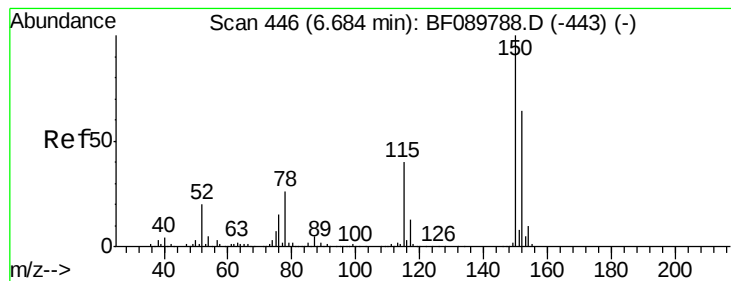
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082616\
Data File : BF089921.D
Acq On : 26 Aug 2016 21:32
Operator : UM/SJ
Sample : H4598-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-3

Quant Time: Aug 26 23:07:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 18:51:25 2016
Response via : Initial Calibration

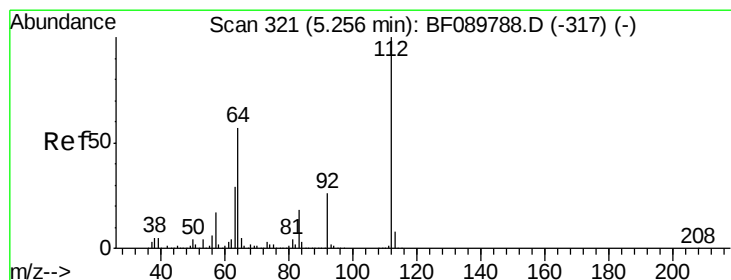
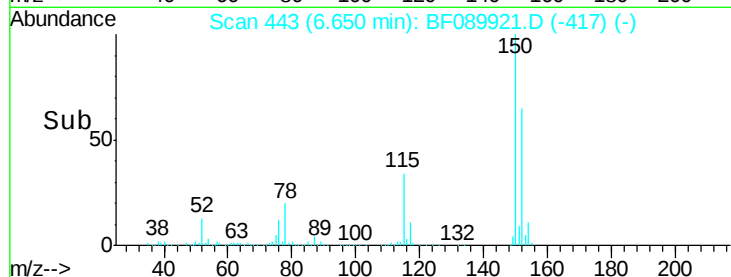
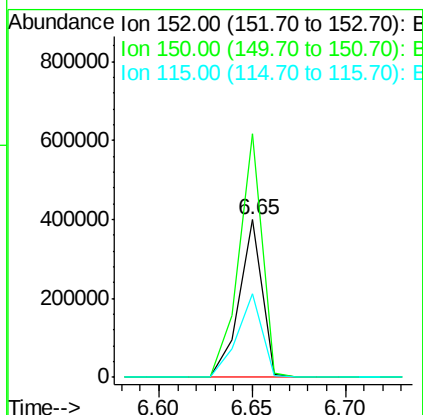
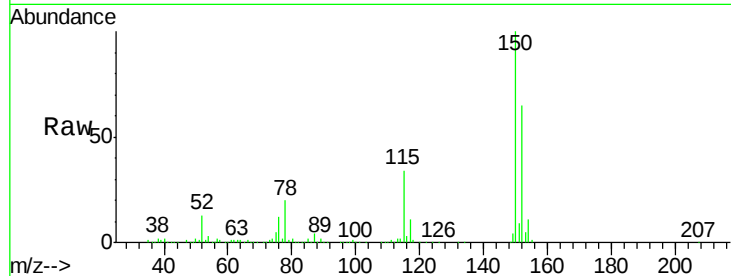




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: BF089921.D
 Acq: 26 Aug 2016 21:32

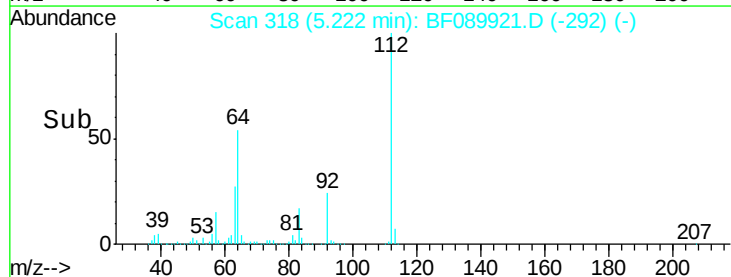
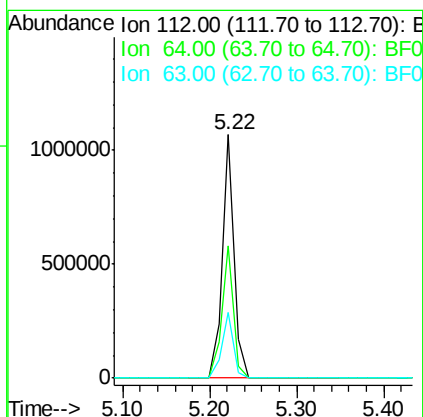
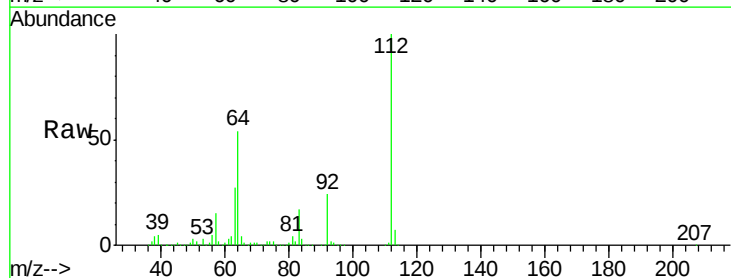
Instrument :
 BNA_F
 ClientSampleId :
 RW-3

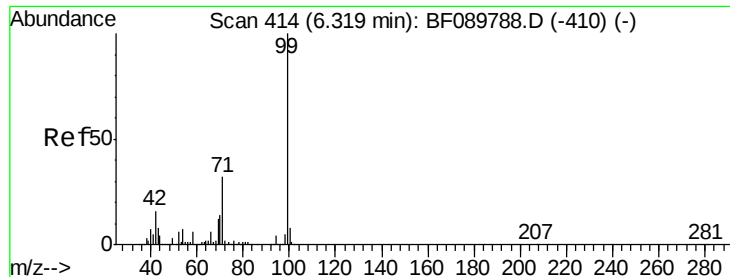
Tgt Ion:152 Resp: 344318
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.3 187.9
 115 53.3 40.9 61.3



#5
 2-Fluorophenol
 Concen: 50.99 ng
 RT: 5.22 min Scan# 318
 Delta R.T. -0.00 min
 Lab File: BF089921.D
 Acq: 26 Aug 2016 21:32

Tgt Ion:112 Resp: 1023766
 Ion Ratio Lower Upper
 112 100
 64 54.2 45.0 67.4
 63 27.1 23.1 34.7





#7

Phenol-d6

Concen: 37.61 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

Instrument :

BNA_F

ClientSampleId :

RW-3

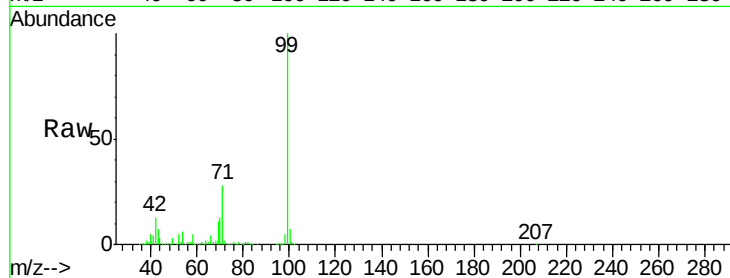
Tgt Ion: 99 Resp: 926919

Ion Ratio Lower Upper

99 100

42 13.2 12.2 18.4

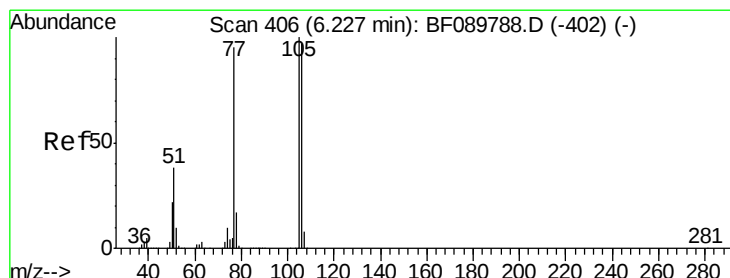
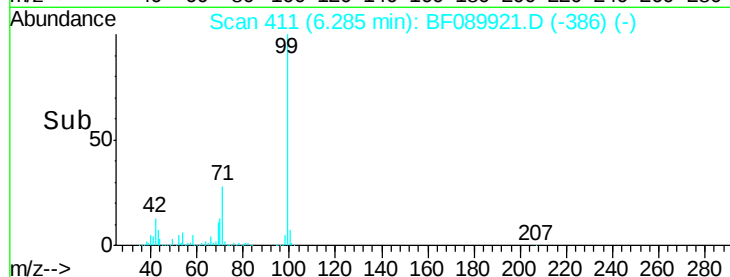
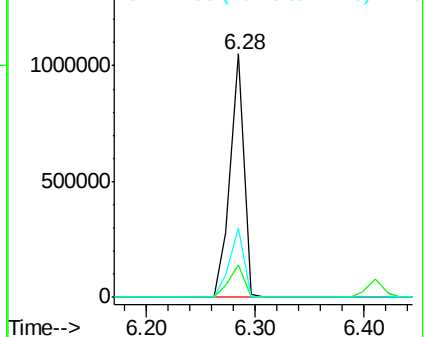
71 28.5 23.8 35.8



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: 2.17 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

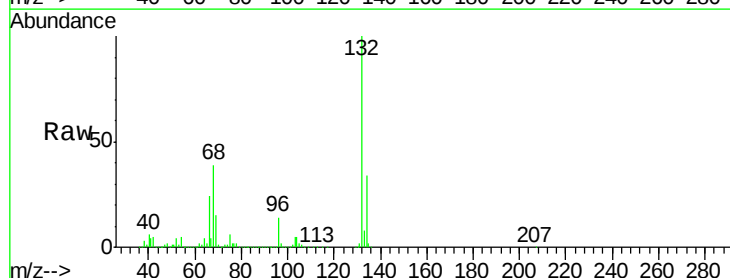
Tgt Ion: 77 Resp: 34829

Ion Ratio Lower Upper

77 100

105 84.4 73.3 113.3

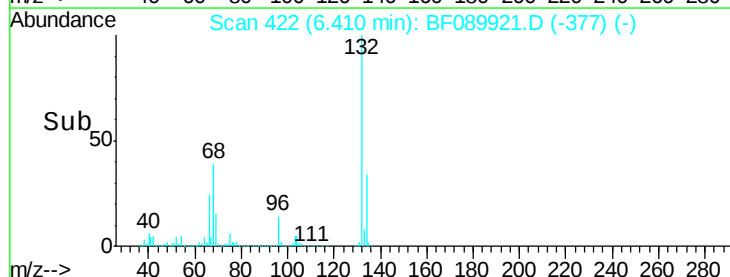
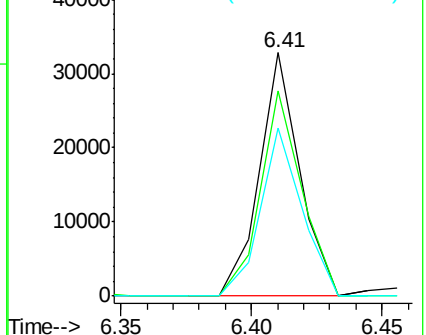
106 69.1 68.6 108.6

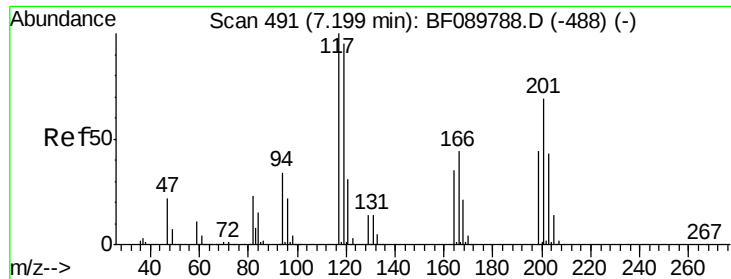


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#18

Hexachloroethane

Concen: 18.61 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.06 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

Instrument :

BNA_F

ClientSampleId :

RW-3

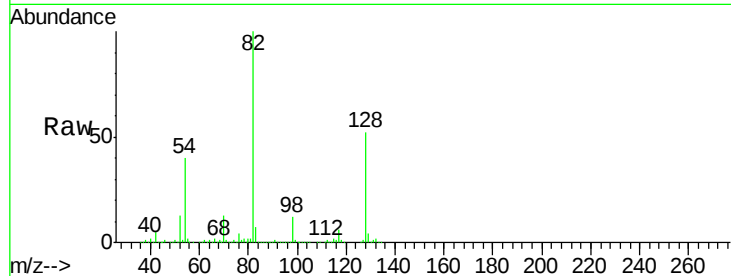
Tgt Ion: 117 Resp: 171245

Ion Ratio Lower Upper

117 100

119 1.0 77.1 115.7#

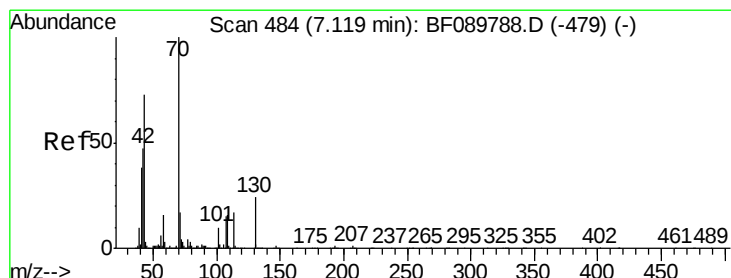
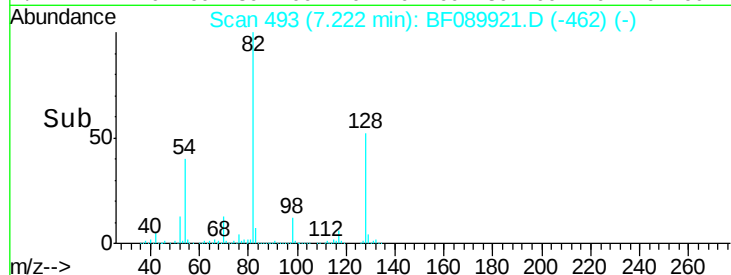
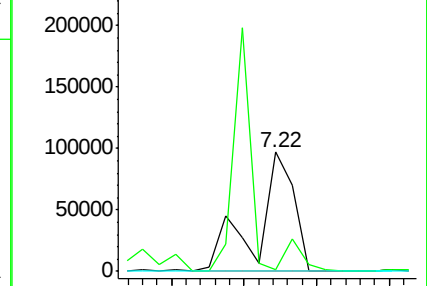
201 0.0 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 15.42 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.13 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

Tgt Ion: 70 Resp: 243009

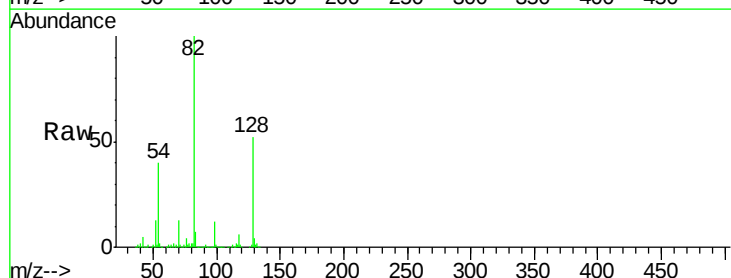
Ion Ratio Lower Upper

70 100

42 34.8 46.3 69.5#

101 0.2 7.0 10.6#

130 3.0 14.4 21.6#

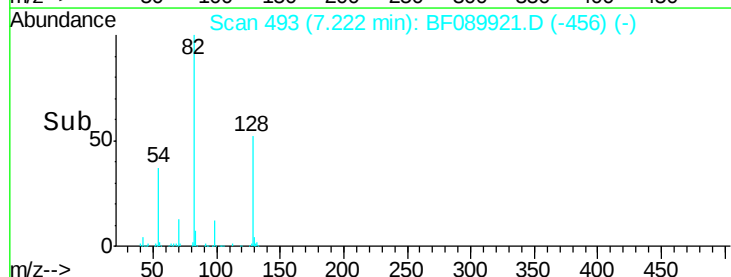
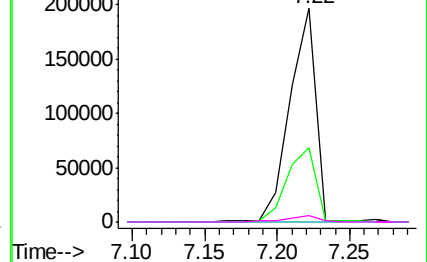


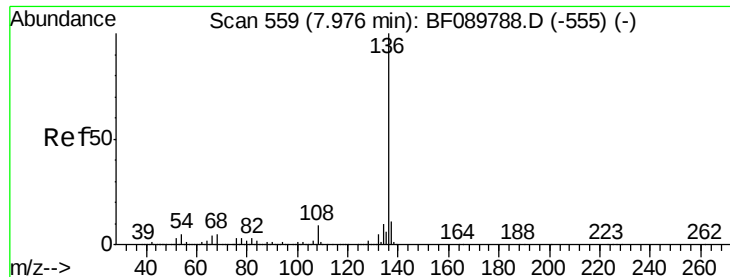
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

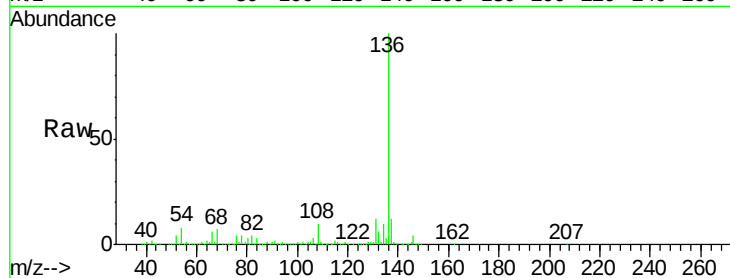




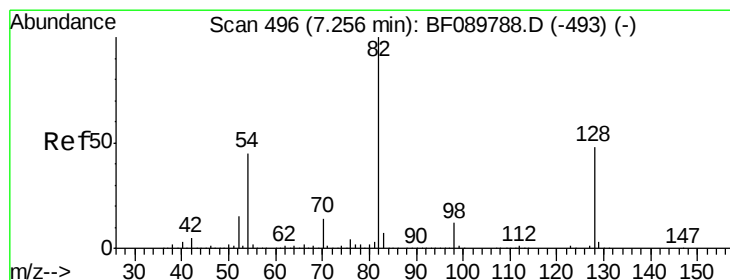
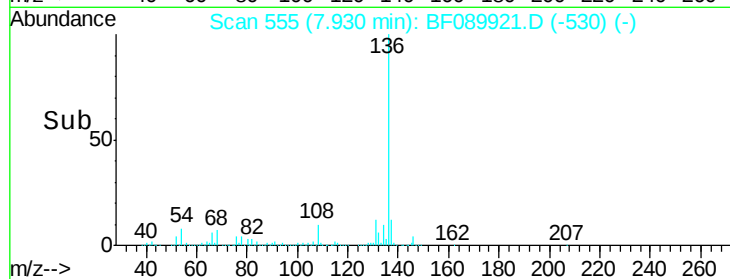
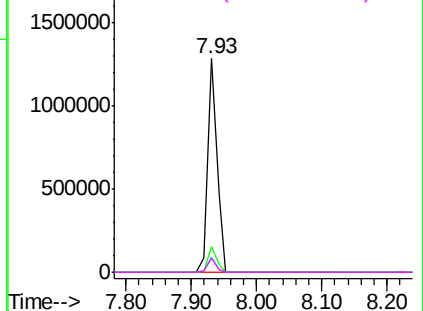
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF089921.D
Acq: 26 Aug 2016 21:32

Instrument :
BNA_F
ClientSampleId :
RW-3

Tgt Ion:	136	Resp:	1270275
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.5	7.2	10.8
68	6.9	5.8	8.8

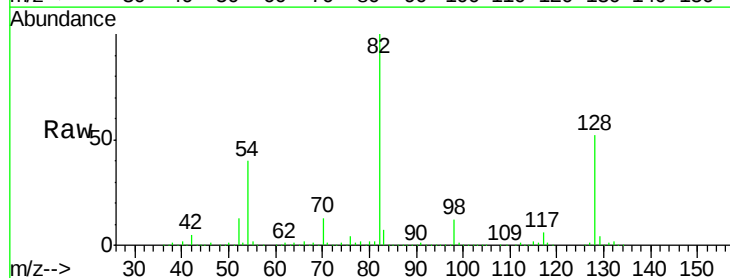


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

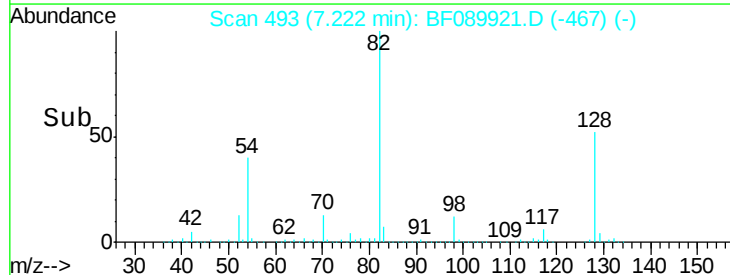
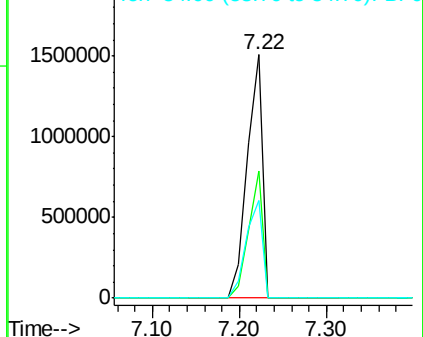


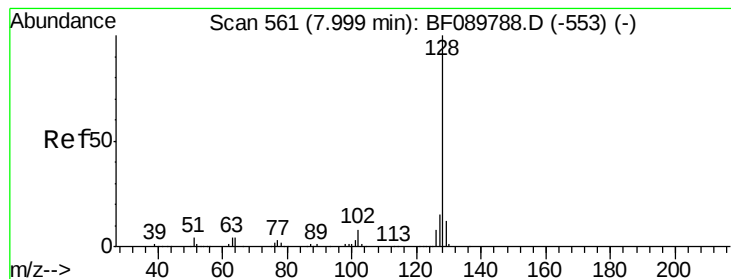
#23
Nitrobenzene-d5
Concen: 90.72 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF089921.D
Acq: 26 Aug 2016 21:32

Tgt Ion:	82	Resp:	1855000
Ion	Ratio	Lower	Upper
82	100		
128	52.3	34.4	51.6#
54	40.1	40.3	60.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.03 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

Instrument :

BNA_F

ClientSampleId :

RW-3

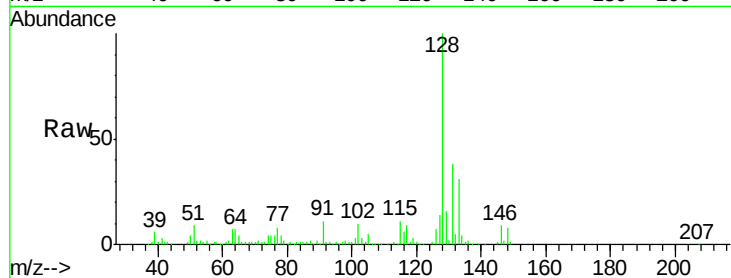
Tgt Ion:128 Resp: 120239

Ion Ratio Lower Upper

128 100

129 15.8 9.5 14.3#

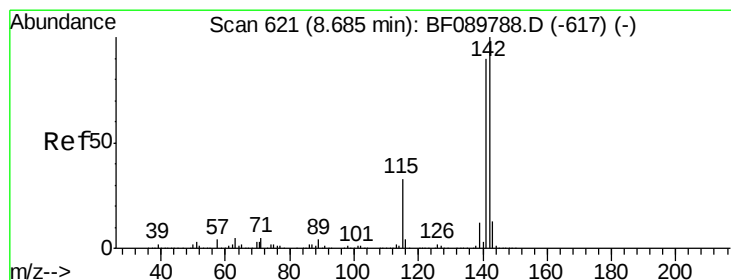
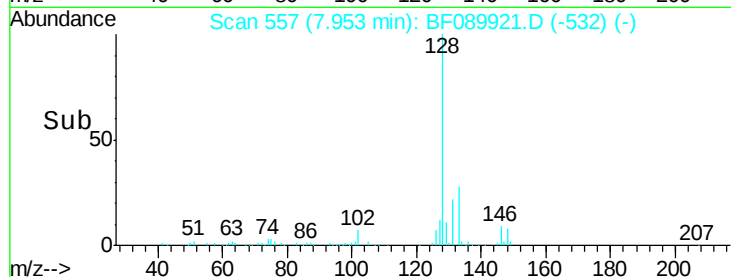
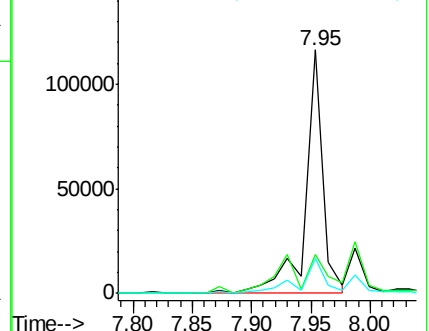
127 14.4 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 13.96 ng

RT: 8.74 min Scan# 626

Delta R.T. 0.09 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

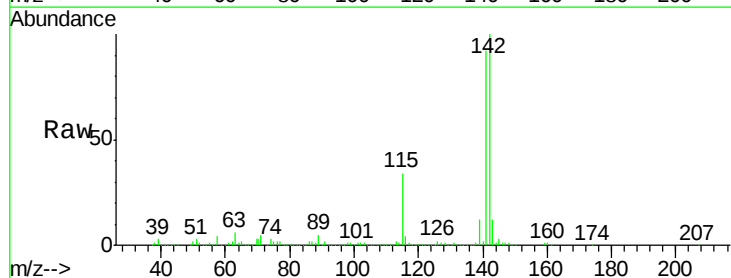
Tgt Ion:142 Resp: 536319

Ion Ratio Lower Upper

142 100

141 92.0 71.4 107.2

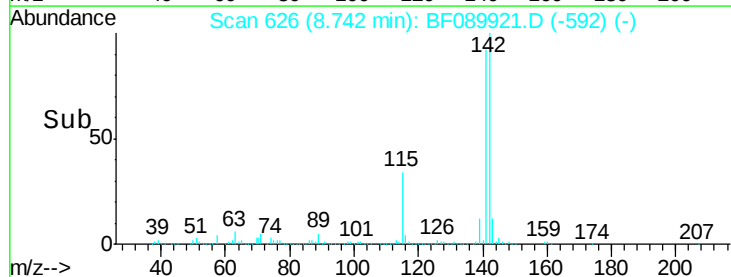
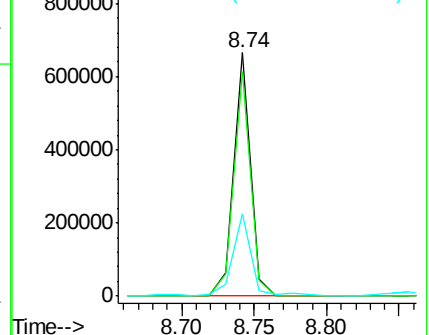
115 34.1 22.7 34.1

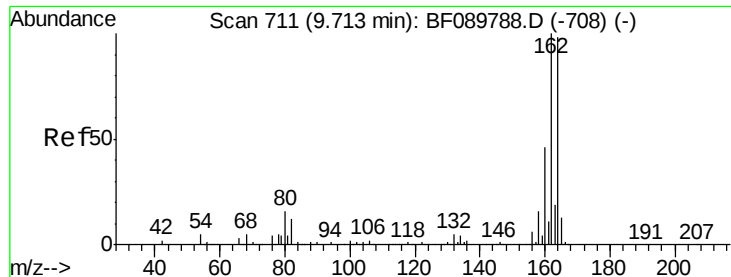


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

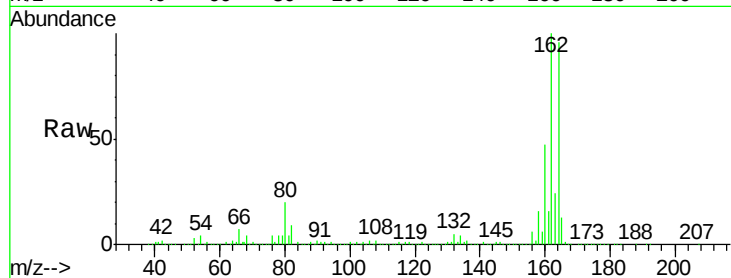




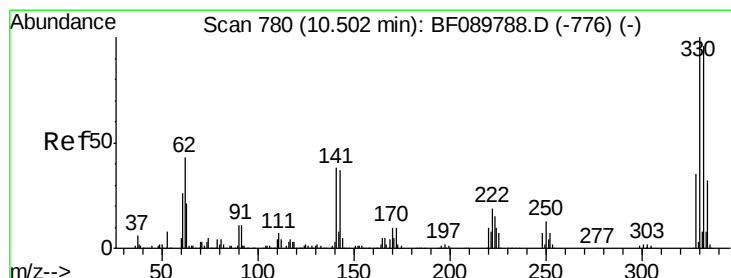
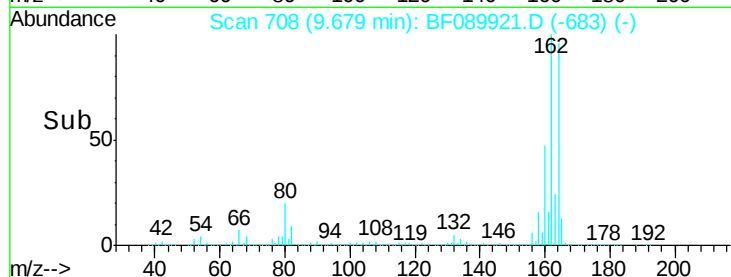
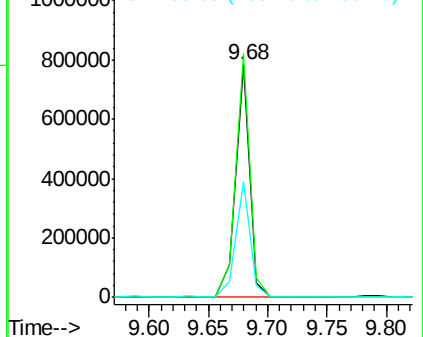
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF089921.D
 Acq: 26 Aug 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 RW-3

Tgt Ion:164 Resp: 651649
 Ion Ratio Lower Upper
 164 100
 162 104.7 81.4 122.2
 160 49.5 37.8 56.6

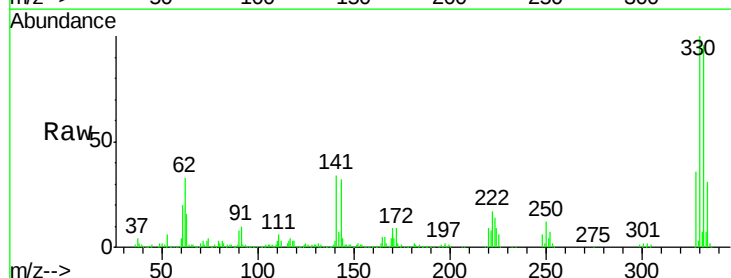


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

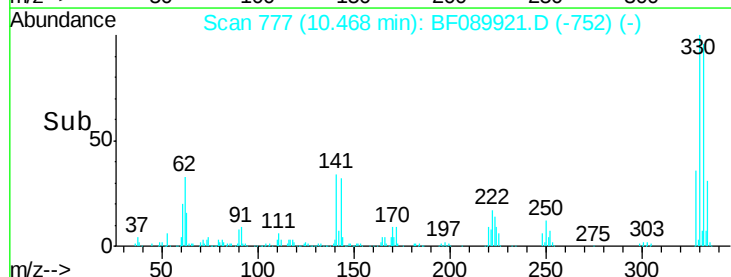
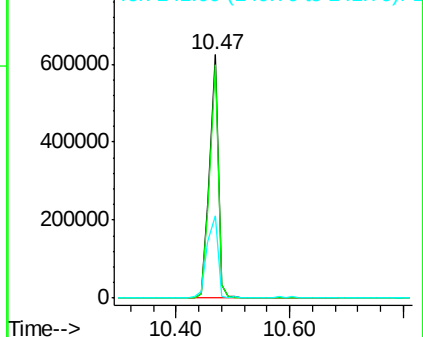


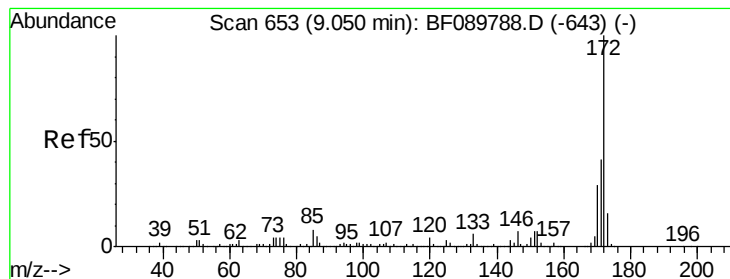
#41
 2,4,6-Tribromophenol
 Concen: 102.85 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF089921.D
 Acq: 26 Aug 2016 21:32

Tgt Ion:330 Resp: 636972
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.7 115.1
 141 40.7 30.2 45.2



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: 71.70 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

Instrument :

BNA_F

ClientSampleId :

RW-3

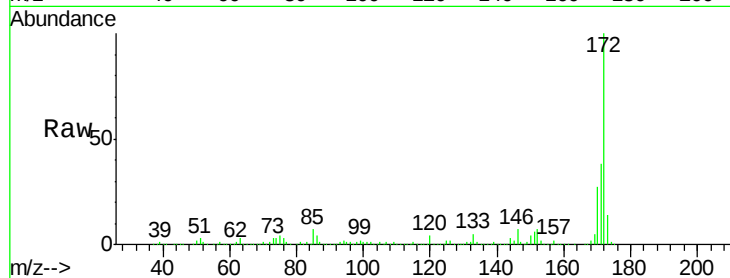
Tgt Ion:172 Resp: 2658415

Ion Ratio Lower Upper

172 100

171 38.4 30.5 45.7

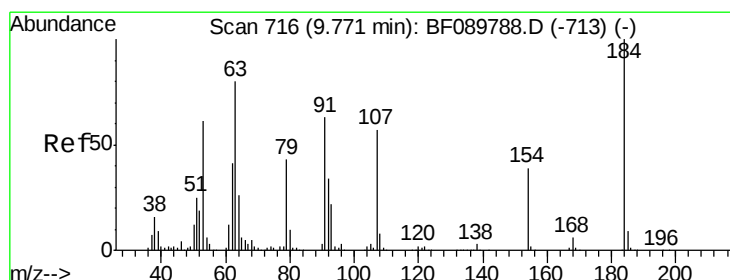
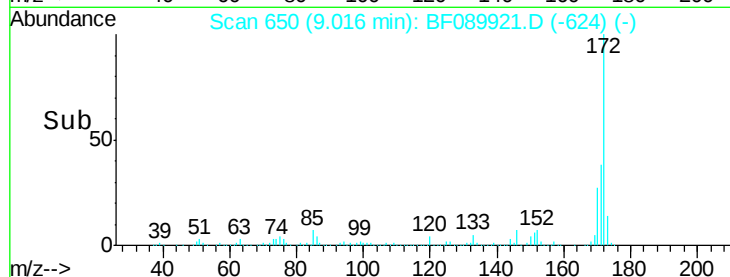
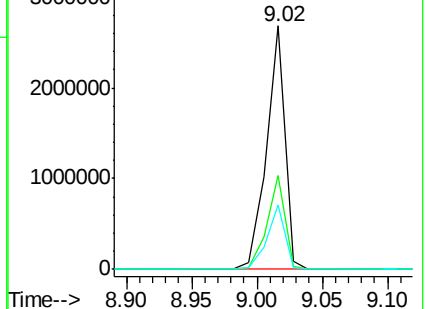
170 26.6 20.6 31.0



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



#53

2,4-Dinitrophenol

Concen: 2.32 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.08 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

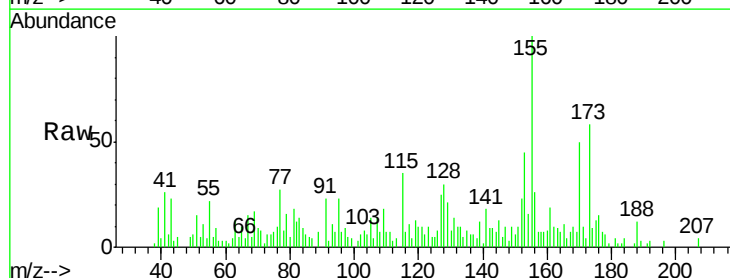
Tgt Ion:184 Resp: 563

Ion Ratio Lower Upper

184 100

63 358.3 54.2 81.4#

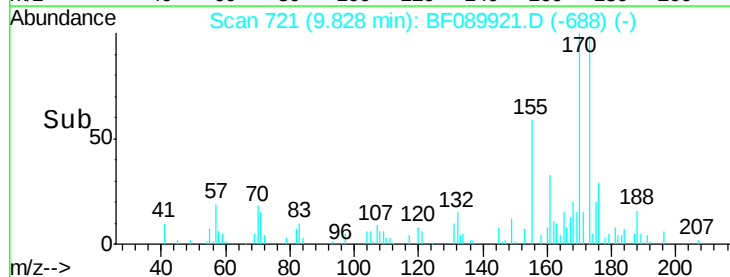
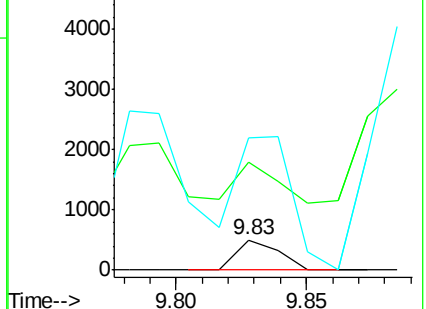
154 440.1 52.7 79.1#

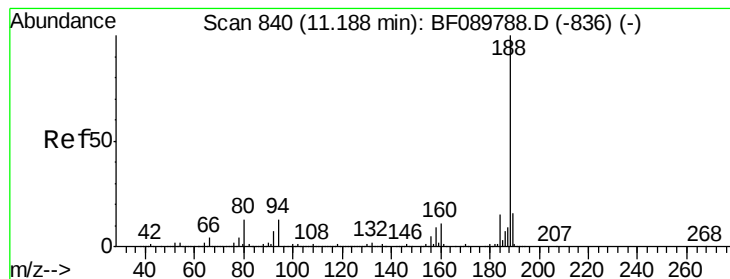


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

Instrument :

BNA_F

ClientSampleId :

RW-3

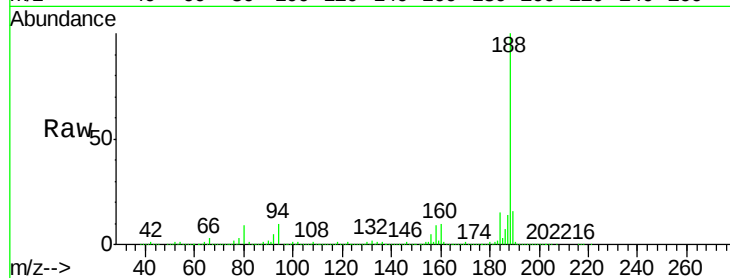
Tgt Ion:188 Resp: 1204472

Ion Ratio Lower Upper

188 100

94 9.8 10.2 15.2#

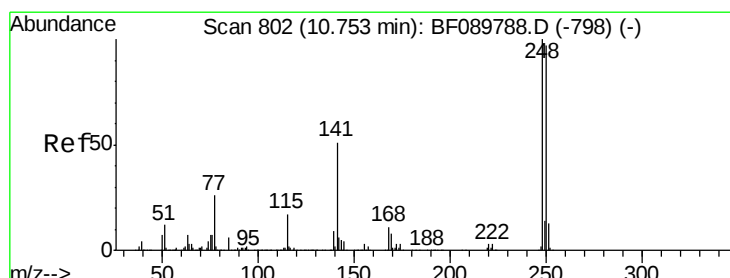
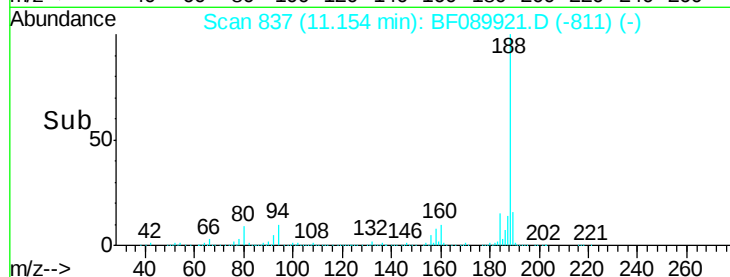
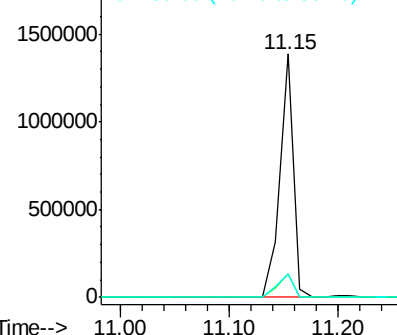
80 9.5 10.9 16.3#



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: 3.11 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.25 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

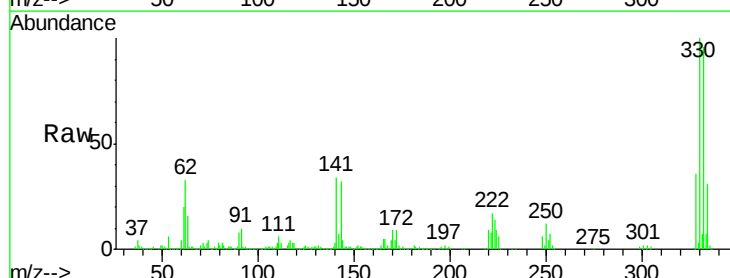
Tgt Ion:248 Resp: 39220

Ion Ratio Lower Upper

248 100

250 200.5 78.6 117.8#

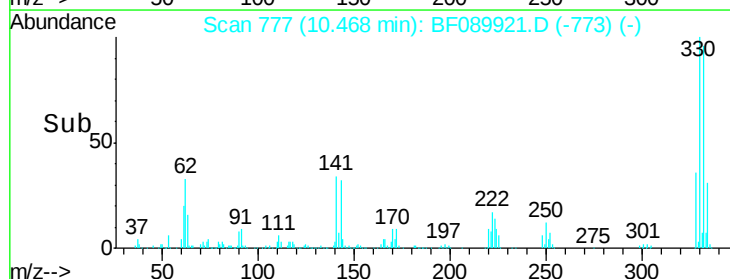
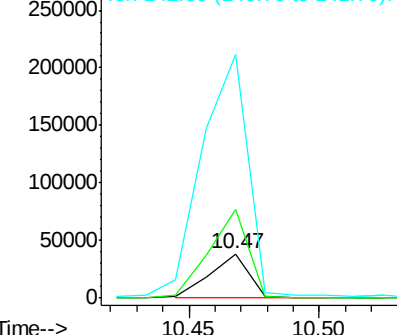
141 551.9 31.4 47.2#

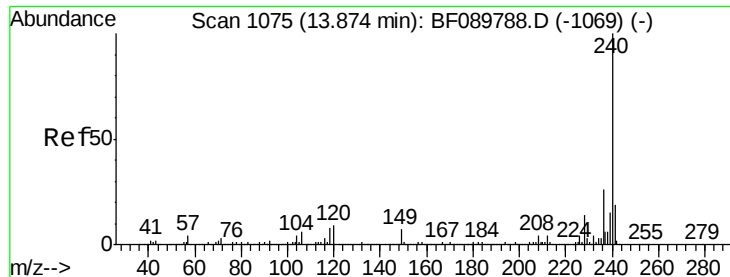


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

Instrument :

BNA_F

ClientSampleId :

RW-3

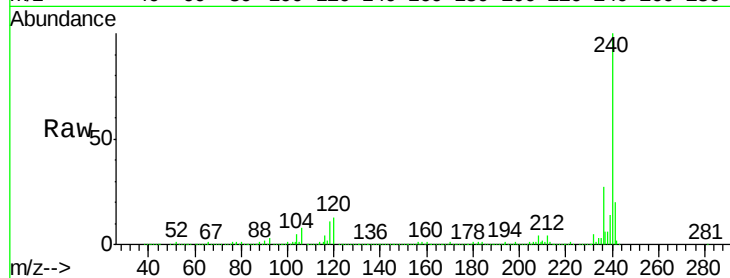
Tgt Ion:240 Resp: 988333

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

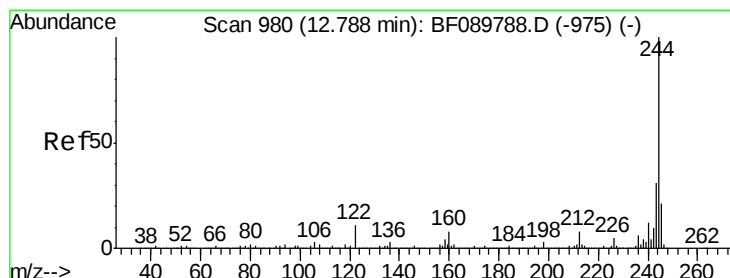
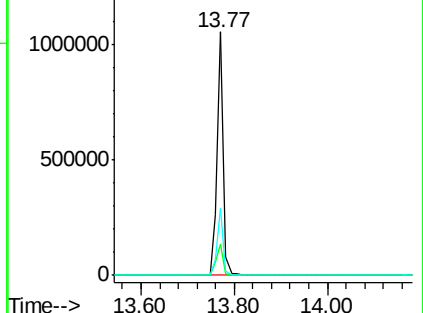
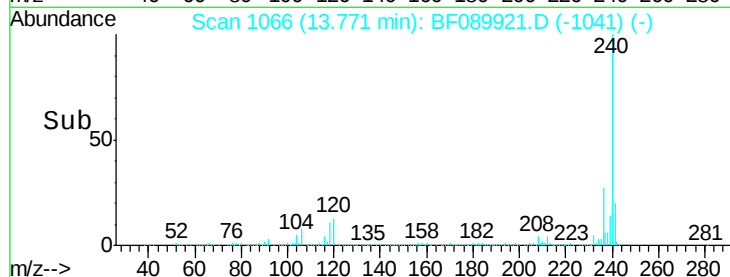
236 27.3 21.3 31.9



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: 53.71 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

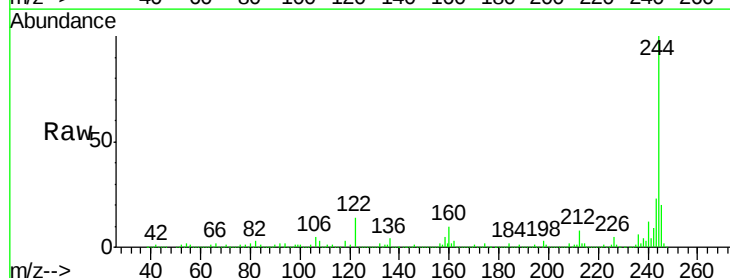
Tgt Ion:244 Resp: 2346597

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

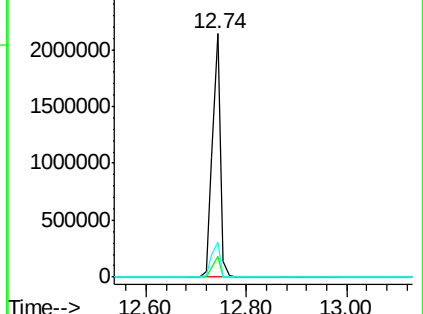
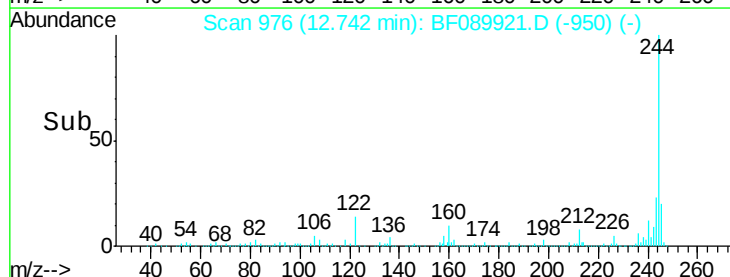
122 14.2 12.0 18.0

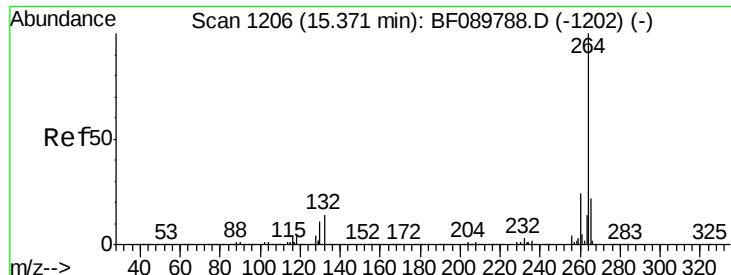


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.12 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF089921.D
Acq: 26 Aug 2016 21:32

Instrument :
BNA_F
ClientSampleId :
RW-3

Tgt Ion:	264	Resp:	799421
Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	22.2	17.4	26.2

