

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089876.D
 Acq On : 24 Aug 2016 16:01
 Operator : UM/SJ
 Sample : H4551-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 18:42:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

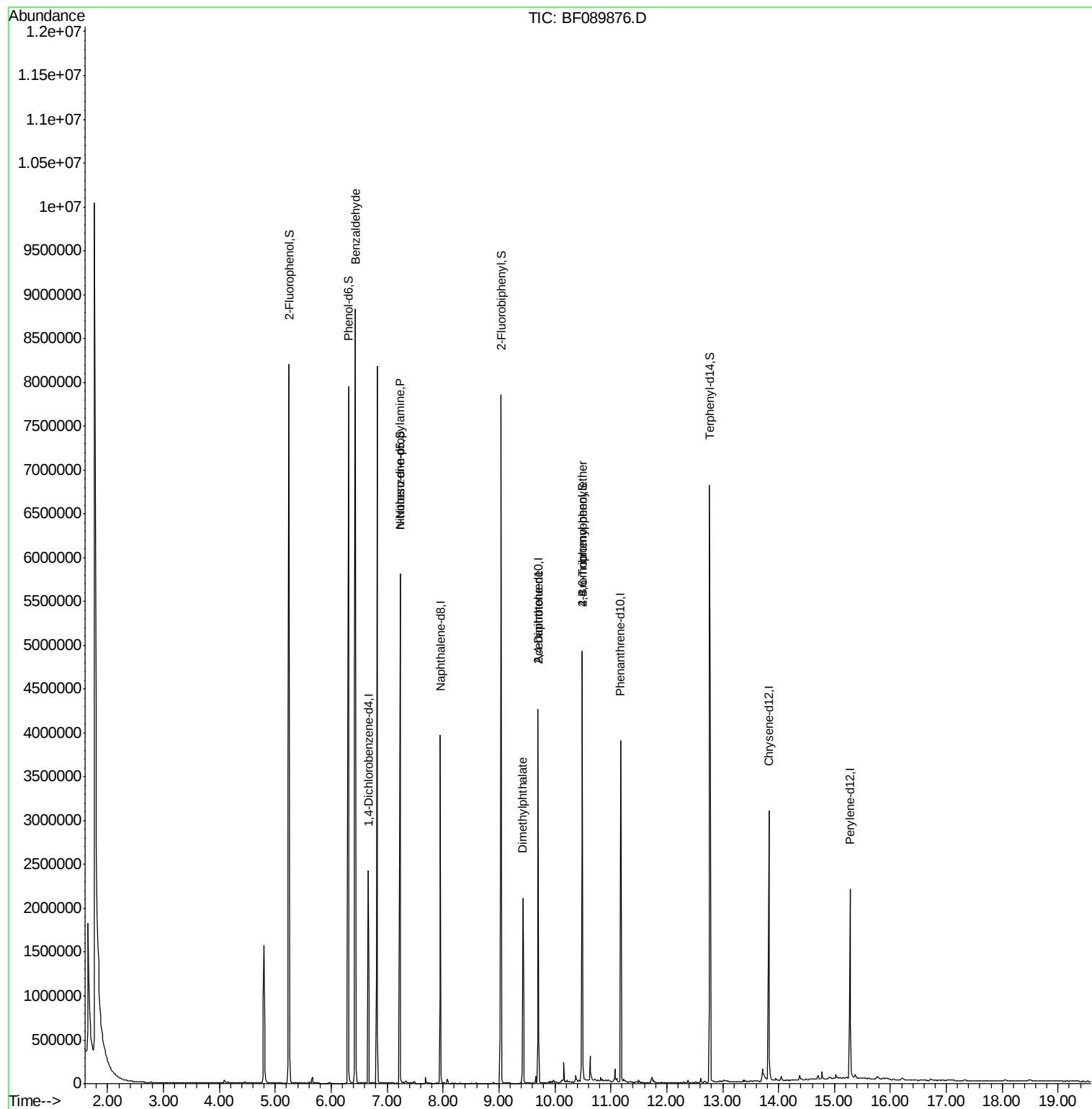
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	414837	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	1773458	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	786387	20.00	ng	-0.03
63) Phenanthrene-d10	11.18	188	1345905	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	1174776	20.00	ng	-0.07
86) Perylene-d12	15.28	264	911334	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2563389	103.10	ng	-0.03
7) Phenol-d6	6.31	99	3585073	113.36	ng	-0.02
23) Nitrobenzene-d5	7.23	82	2071728	71.33	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	741684	97.49	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	3328055	67.91	ng	-0.03
78) Terphenyl-d14	12.77	244	2800542	71.22	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.43	77	61924	2.95	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.23	70	278435	13.44	ng	# 72
49) Dimethylphthalate	9.43	163	990925	17.41	ng	100
56) 2,4-Dinitrotoluene	9.70	165	102712	6.20	ng	# 35
66) 4-Bromophenyl-phenylether	10.49	248	45550	3.27	ng	# 1

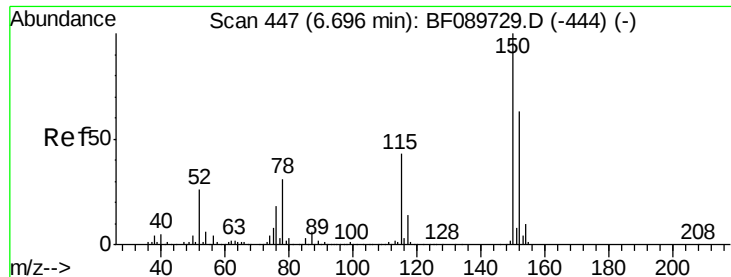
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
Data File : BF089876.D
Acq On : 24 Aug 2016 16:01
Operator : UM/SJ
Sample : H4551-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 24 18:42:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

Instrument :

BNA_F

ClientSampleId :

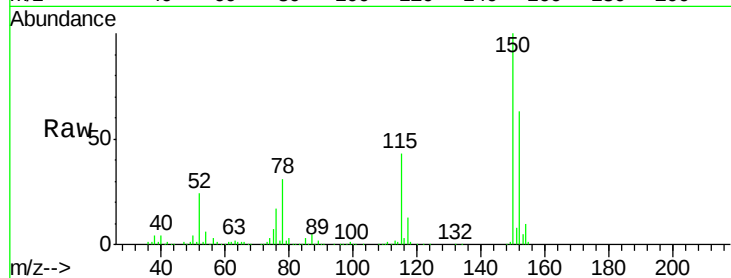
Tot Ion:152 Resp: 414837

Ion Ratio Lower Upper

152 100

150 157.6 125.3 187.9

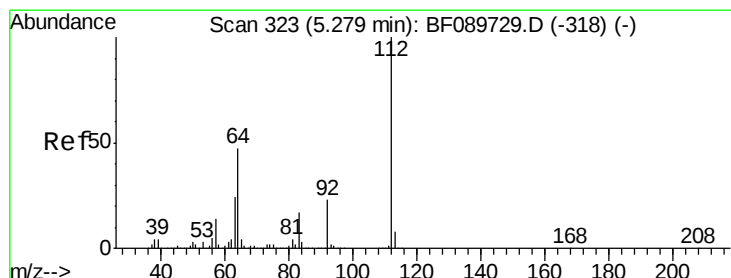
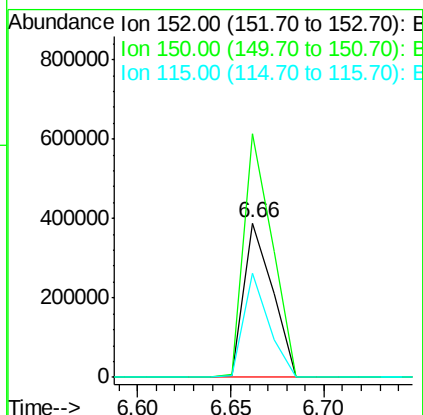
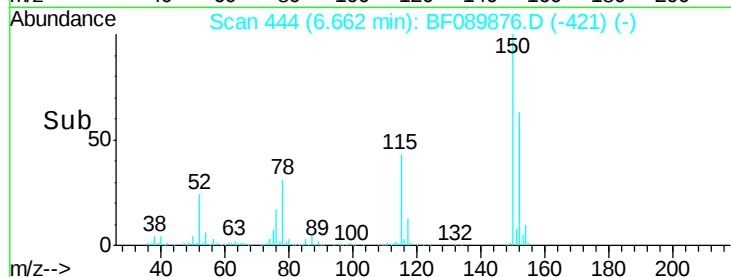
115 67.2 40.9 61.3#



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: 103.10 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.03 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

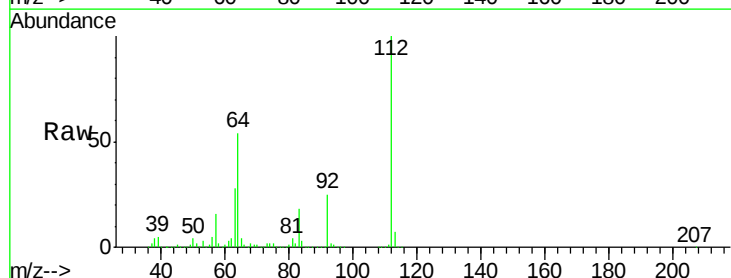
Tgt Ion:112 Resp: 2563389

Ion Ratio Lower Upper

112 100

64 54.1 45.0 67.4

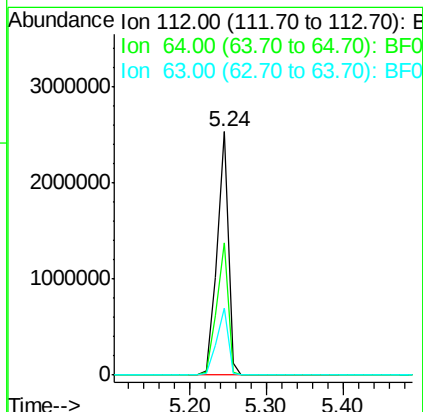
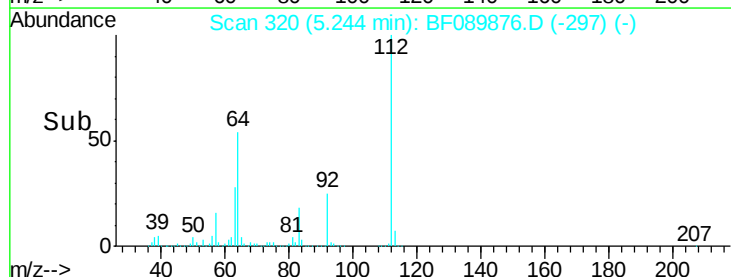
63 27.5 23.1 34.7

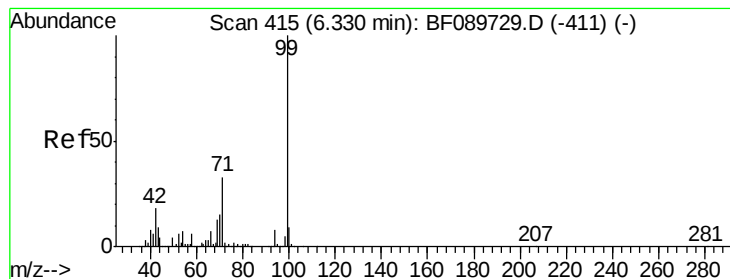


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.36 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

Instrument :

BNA_F

ClientSampleId :

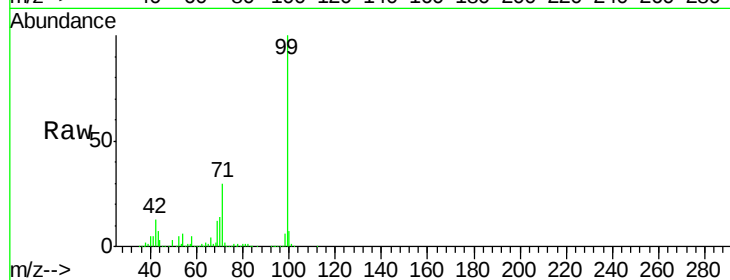
Tot Ion: 99 Resp: 3585073

Ion Ratio Lower Upper

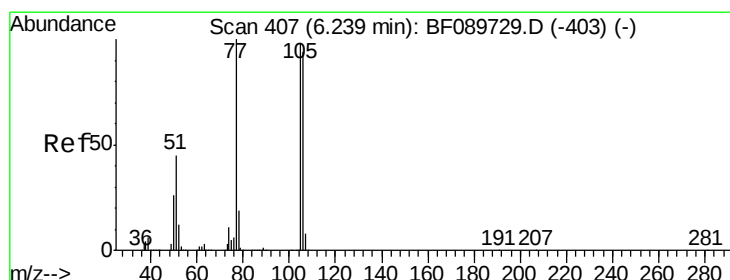
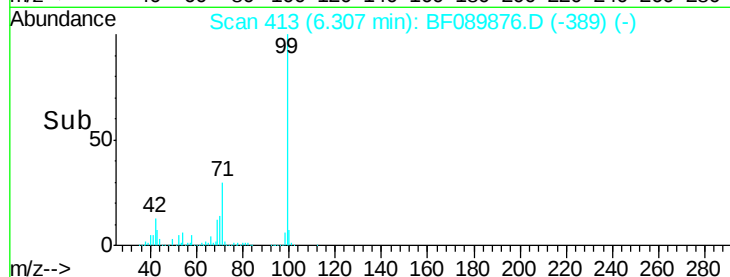
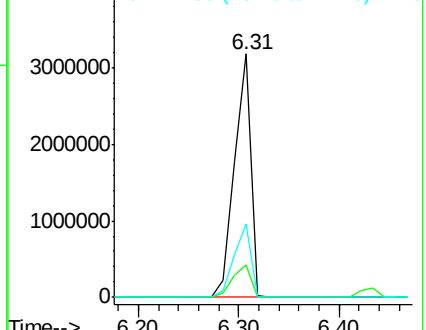
99 100

42 13.3 12.2 18.4

71 29.9 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: 2.95 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.19 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

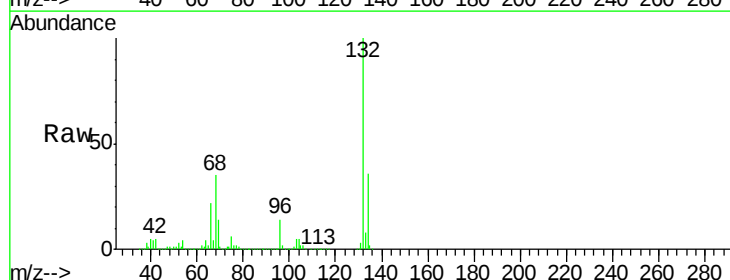
Tgt Ion: 77 Resp: 61924

Ion Ratio Lower Upper

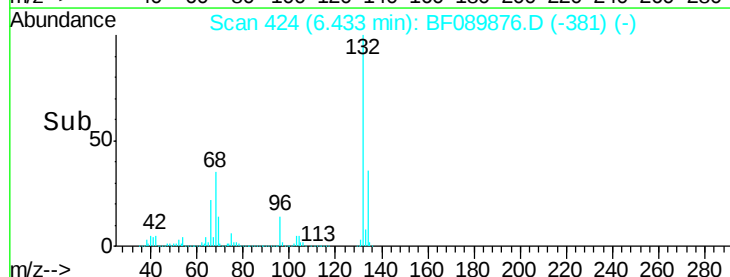
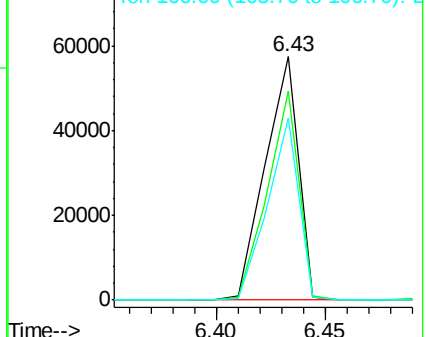
77 100

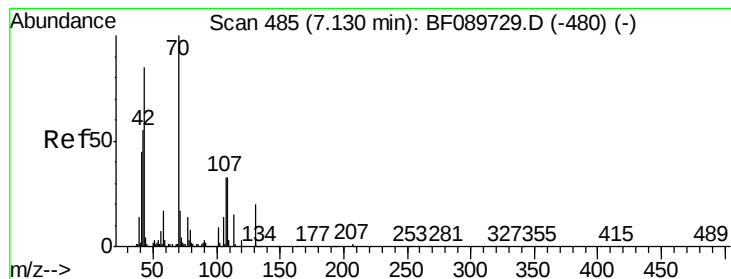
105 86.0 73.3 113.3

106 74.7 68.6 108.6



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





#19

n-Nitroso-di-n-propylamine

Concen: 13.44 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.10 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 278435

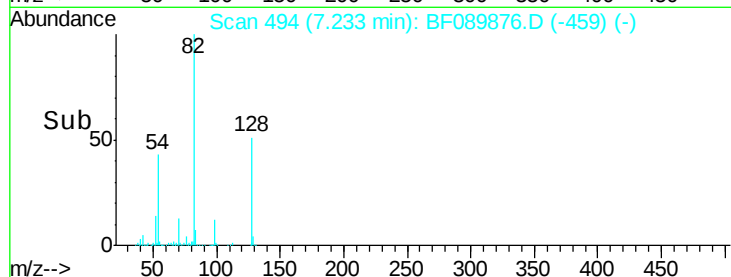
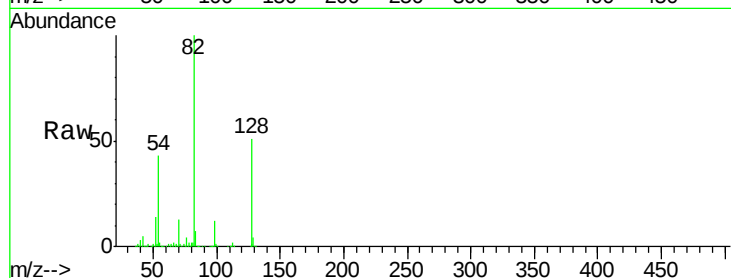
Ion Ratio Lower Upper

70 100

42 38.6 46.3 69.5#

101 0.0 7.0 10.6#

130 2.3 14.4 21.6#

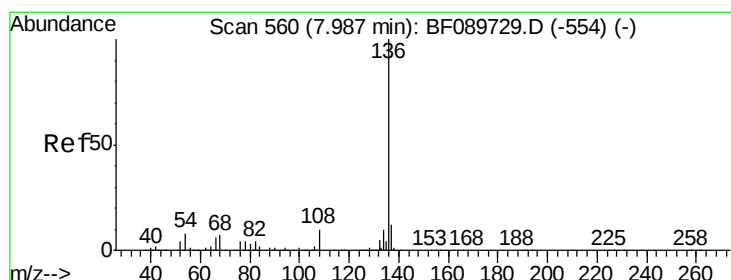
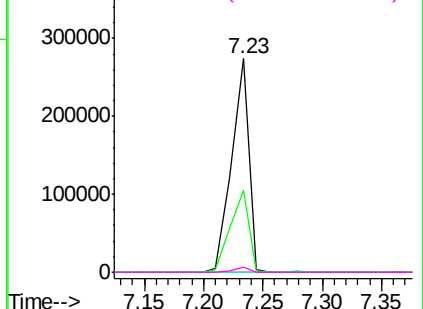


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.95 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

Tgt Ion: 136 Resp: 1773458

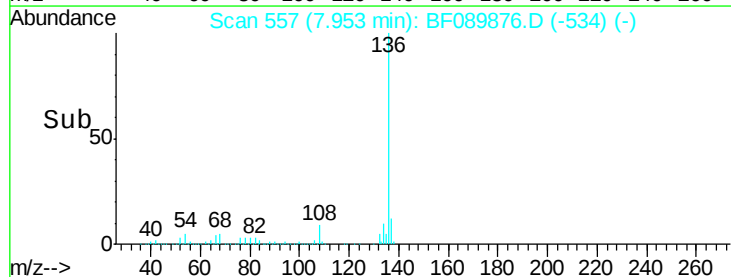
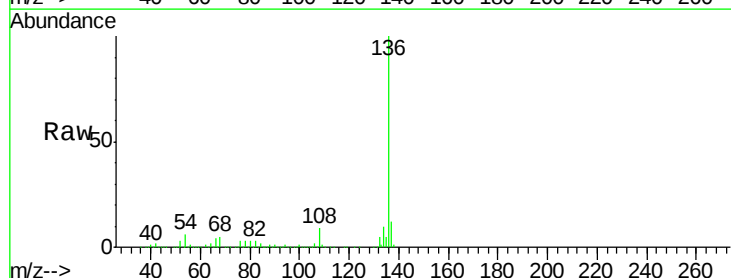
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 5.5 7.2 10.8#

68 5.1 5.8 8.8#

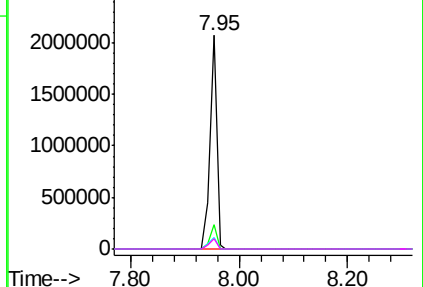


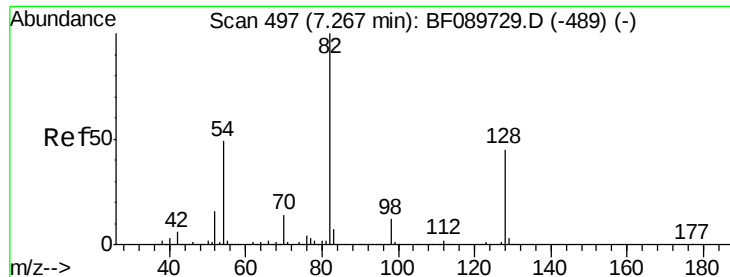
Abundance Ion 136.00 (135.70 to 136.70): E

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



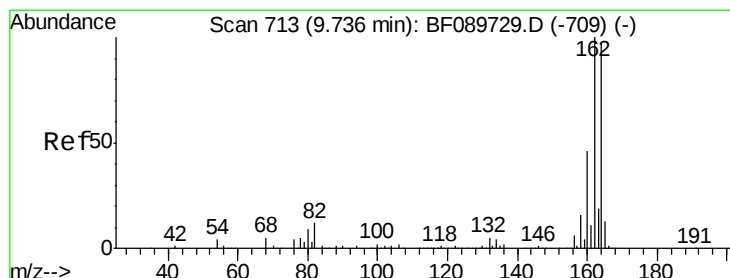
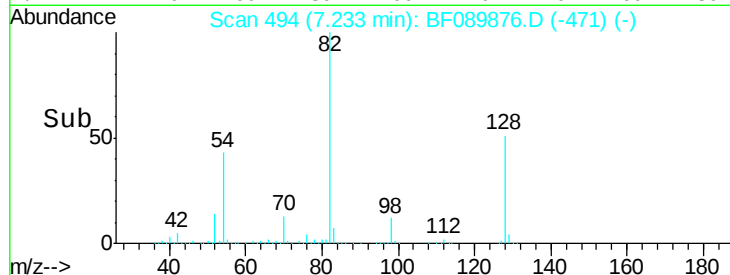
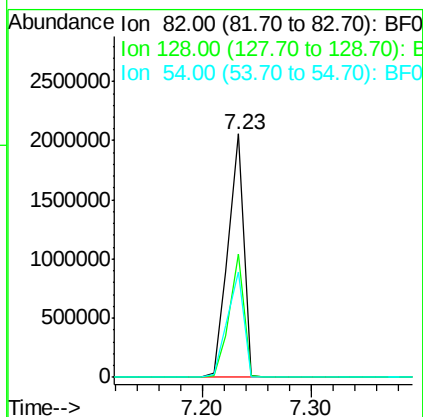
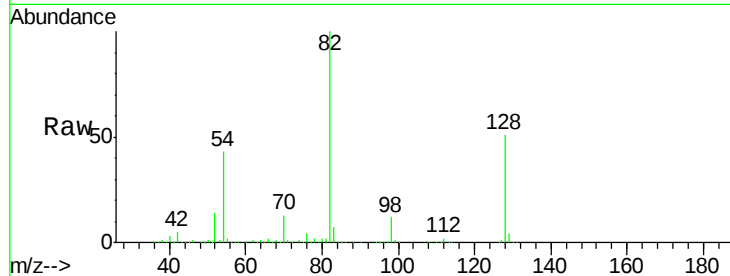


#23
 Nitrobenzene-d5
 Concen: 71.33 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.03 min
 Lab File: BF089876.D
 Acq: 24 Aug 2016 16:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 2071728

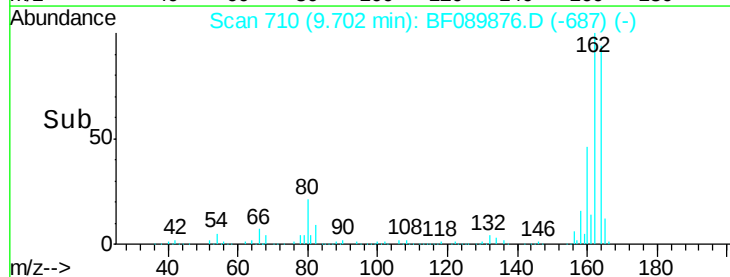
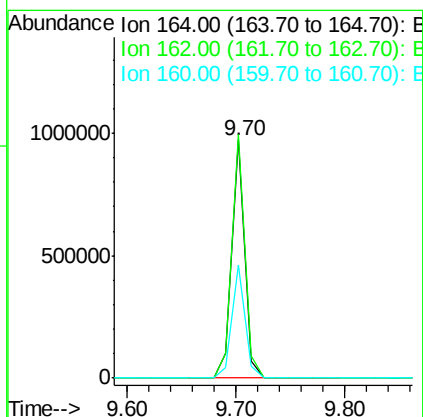
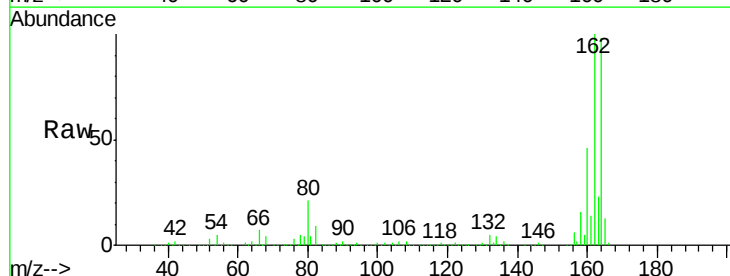
Ion	Ratio	Lower	Upper
82	100		
128	50.8	34.4	51.6
54	43.5	40.3	60.5

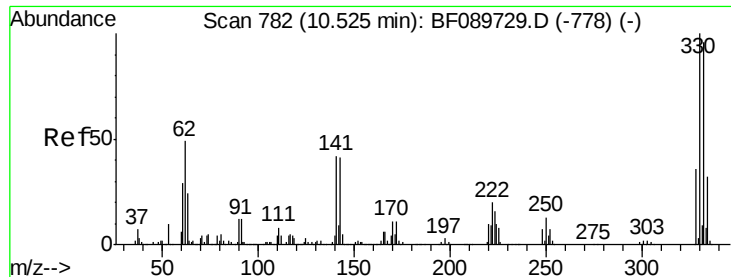


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.03 min
 Lab File: BF089876.D
 Acq: 24 Aug 2016 16:01

Tgt Ion:164 Resp: 786387

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.2
160	47.4	37.8	56.6

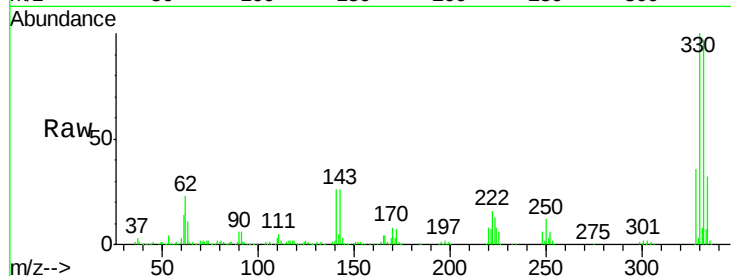




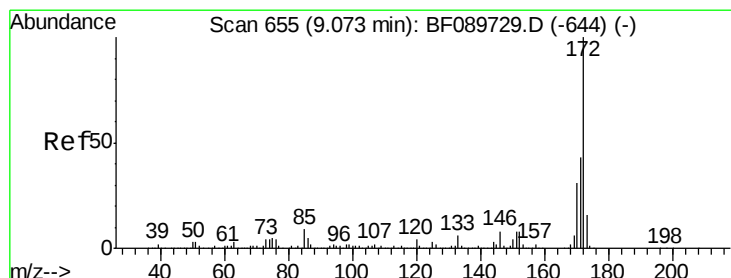
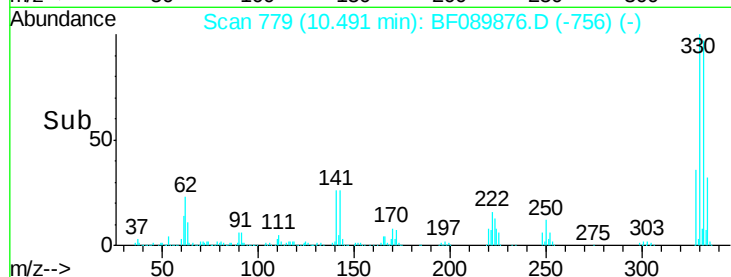
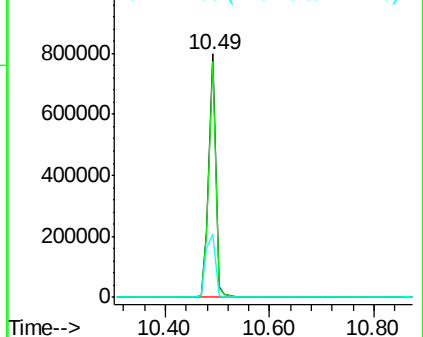
#41
 2,4,6-Tribromophenol
 Concen: 97.49 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF089876.D
 Acq: 24 Aug 2016 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 741684
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.7 115.1
 141 36.2 30.2 45.2

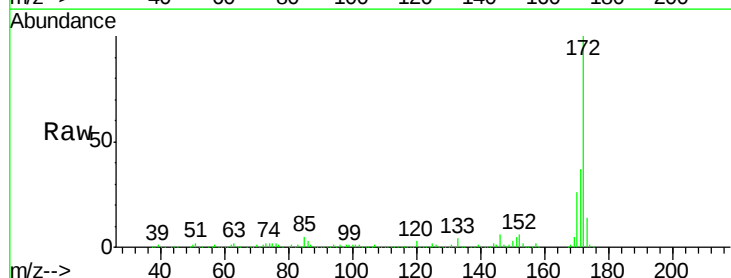


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

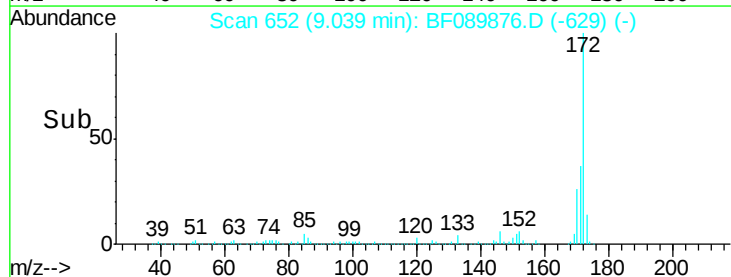
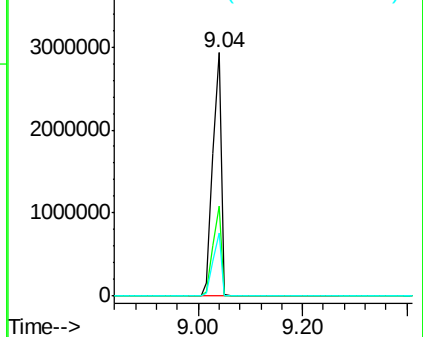


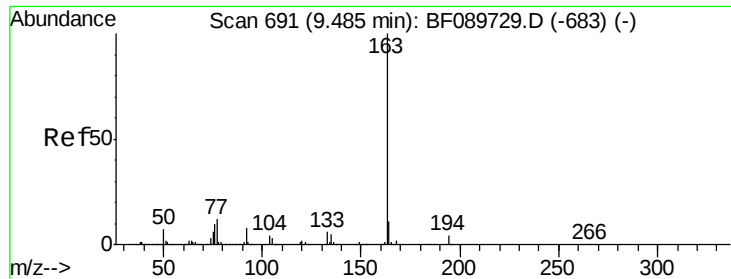
#44
 2-Fluorobiphenyl
 Concen: 67.91 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089876.D
 Acq: 24 Aug 2016 16:01

Tgt Ion:172 Resp: 3328055
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.5 45.7
 170 25.7 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





#49

Dimethylphthalate

Concen: 17.41 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.06 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

Instrument :

BNA_F

ClientSampleId :

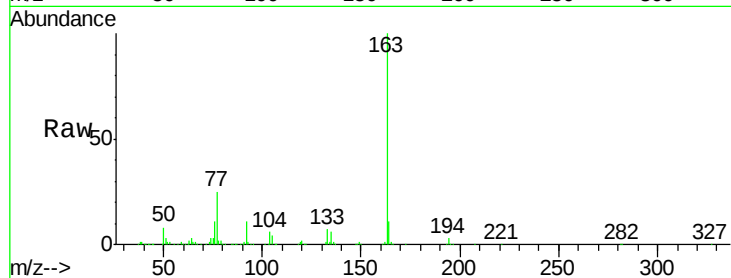
Tot Ion:163 Resp: 990925

Ion Ratio Lower Upper

163 100

194 2.9 2.6 3.8

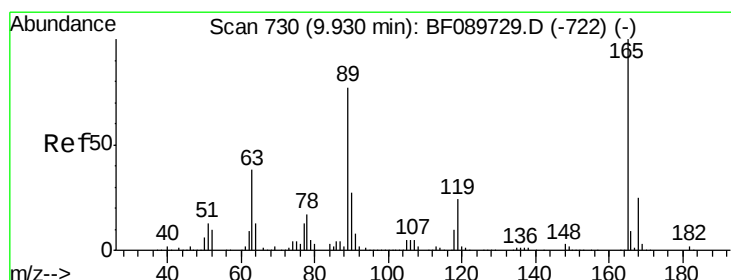
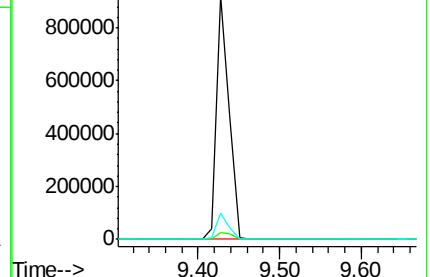
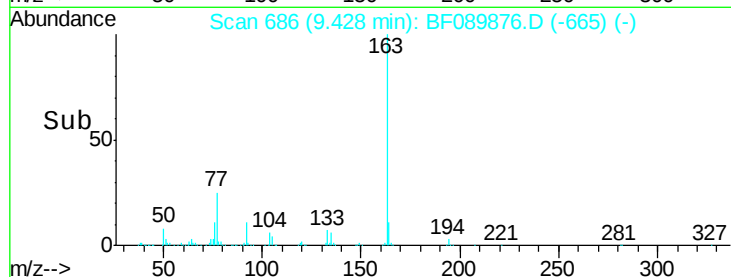
164 10.8 8.6 12.8



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: 6.20 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.23 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

Tgt Ion:165 Resp: 102712

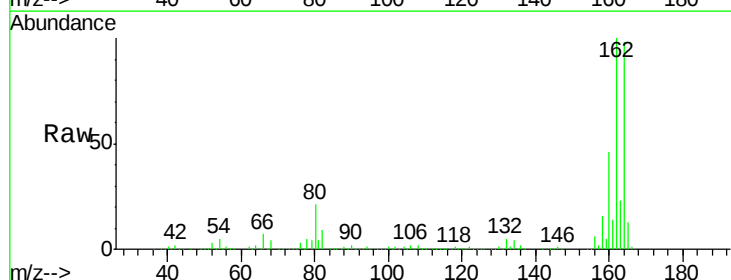
Ion Ratio Lower Upper

165 100

63 0.8 23.7 35.5#

89 1.2 44.0 66.0#

182 0.0 2.0 3.0#

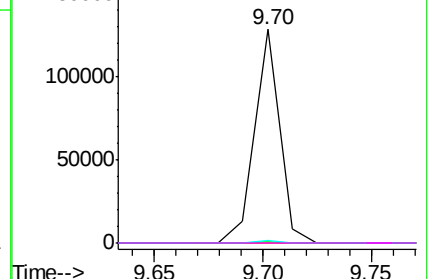
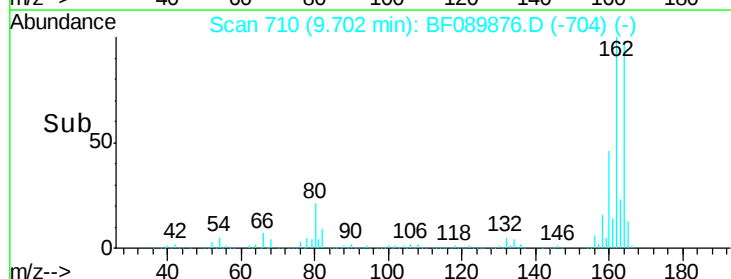


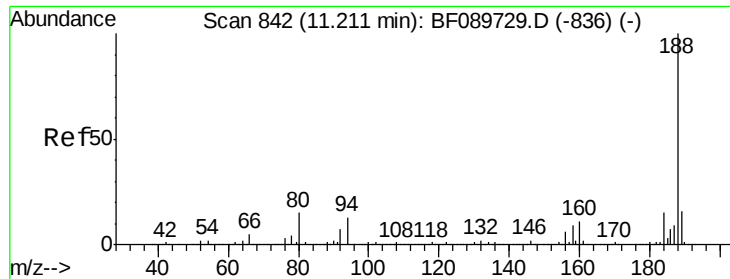
Abundance Ion 165.00 (164.70 to 165.70): E

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

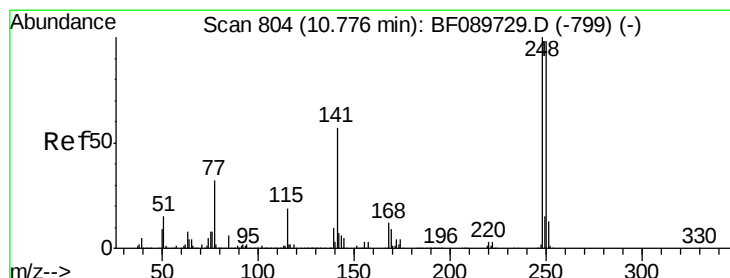
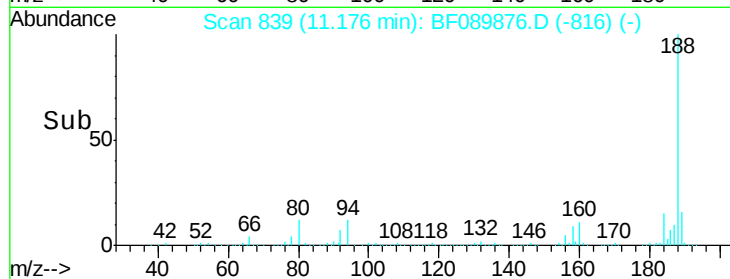
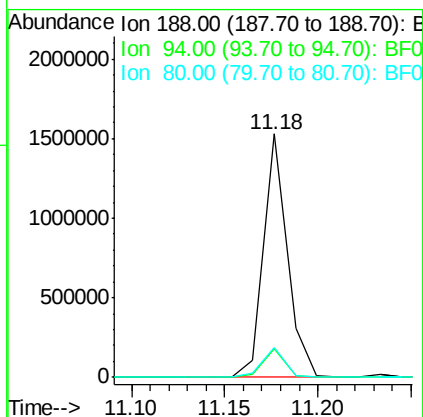
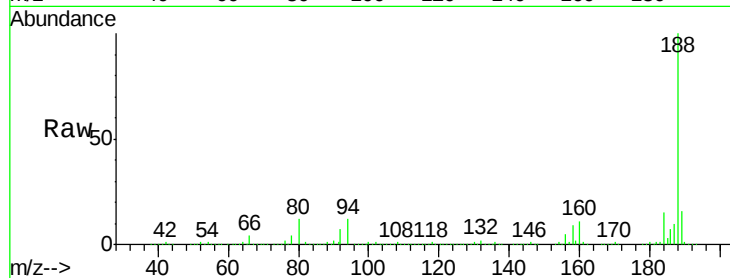




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.03 min
 Lab File: BF089876.D
 Acq: 24 Aug 2016 16:01

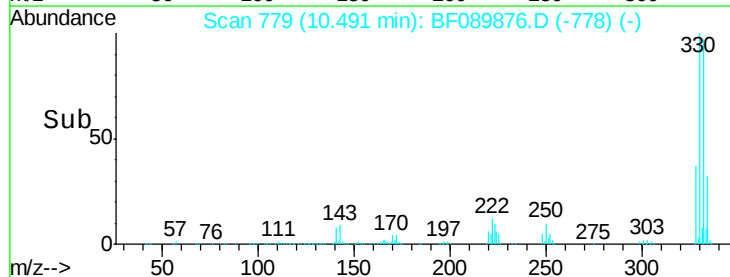
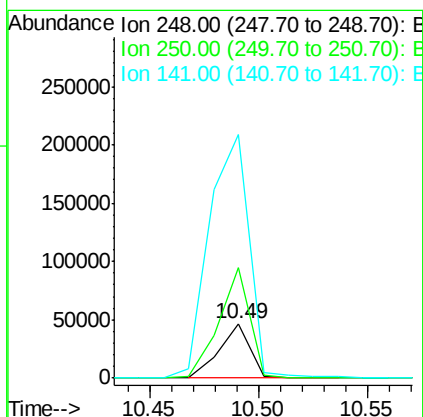
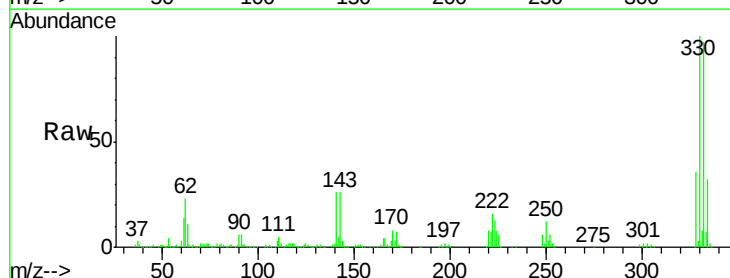
Instrument :
 BNA_F
 ClientSampleId :

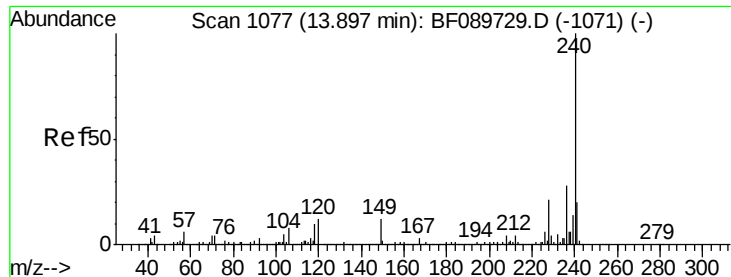
Tot Ion:188 Resp: 1345905
 Ion Ratio Lower Upper
 188 100
 94 12.0 10.2 15.2
 80 12.4 10.9 16.3



#66
 4-Bromophenyl-phenylether
 Concen: 3.27 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.29 min
 Lab File: BF089876.D
 Acq: 24 Aug 2016 16:01

Tgt Ion:248 Resp: 45550
 Ion Ratio Lower Upper
 248 100
 250 201.5 78.6 117.8#
 141 446.1 31.4 47.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.07 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

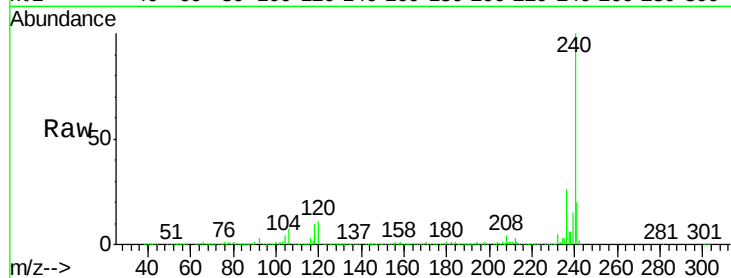
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 1174776

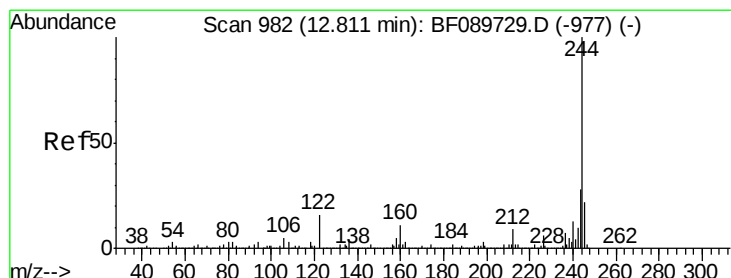
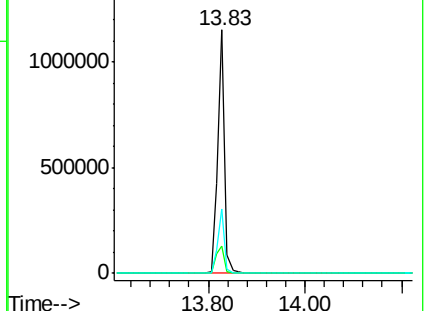
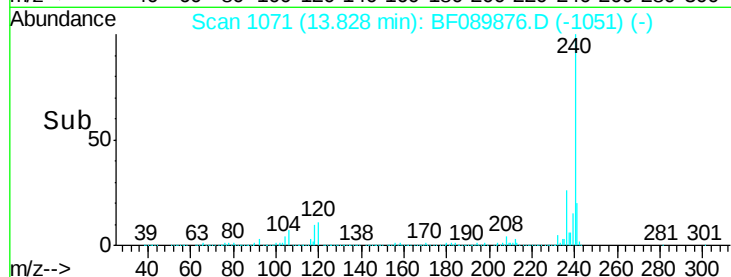
Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	26.3	21.3	31.9



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: 71.22 ng

RT: 12.77 min Scan# 978

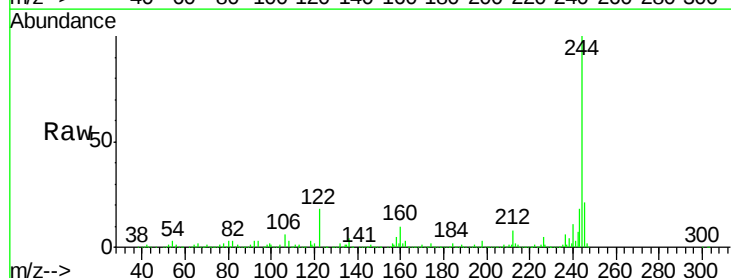
Delta R.T. -0.04 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

Tgt Ion:244 Resp: 2800542

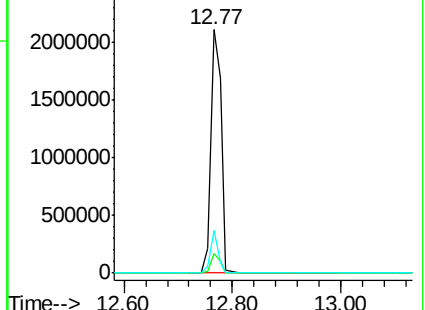
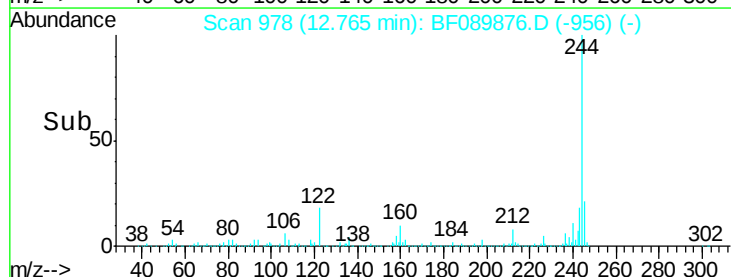
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	17.7	12.0	18.0

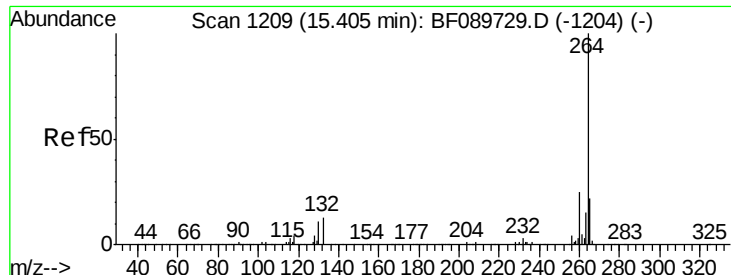


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

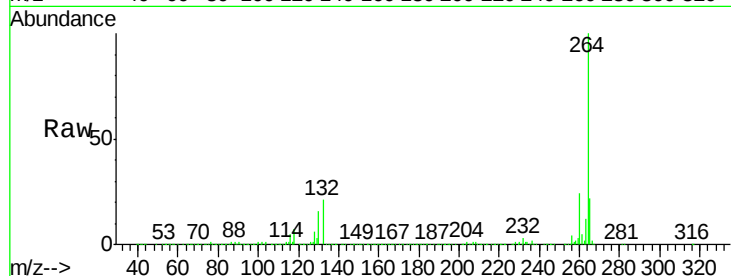




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1198
Delta R.T. -0.13 min
Lab File: BF089876.D
Acq: 24 Aug 2016 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 911334
Ion Ratio Lower Upper
264 100
260 24.1 20.2 30.2
265 21.9 17.4 26.2



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

