

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089835.D
 Acq On : 23 Aug 2016 15:26
 Operator : UM/SJ
 Sample : H4547-12
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-9(2.5-3)

Quant Time: Aug 25 13:45:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

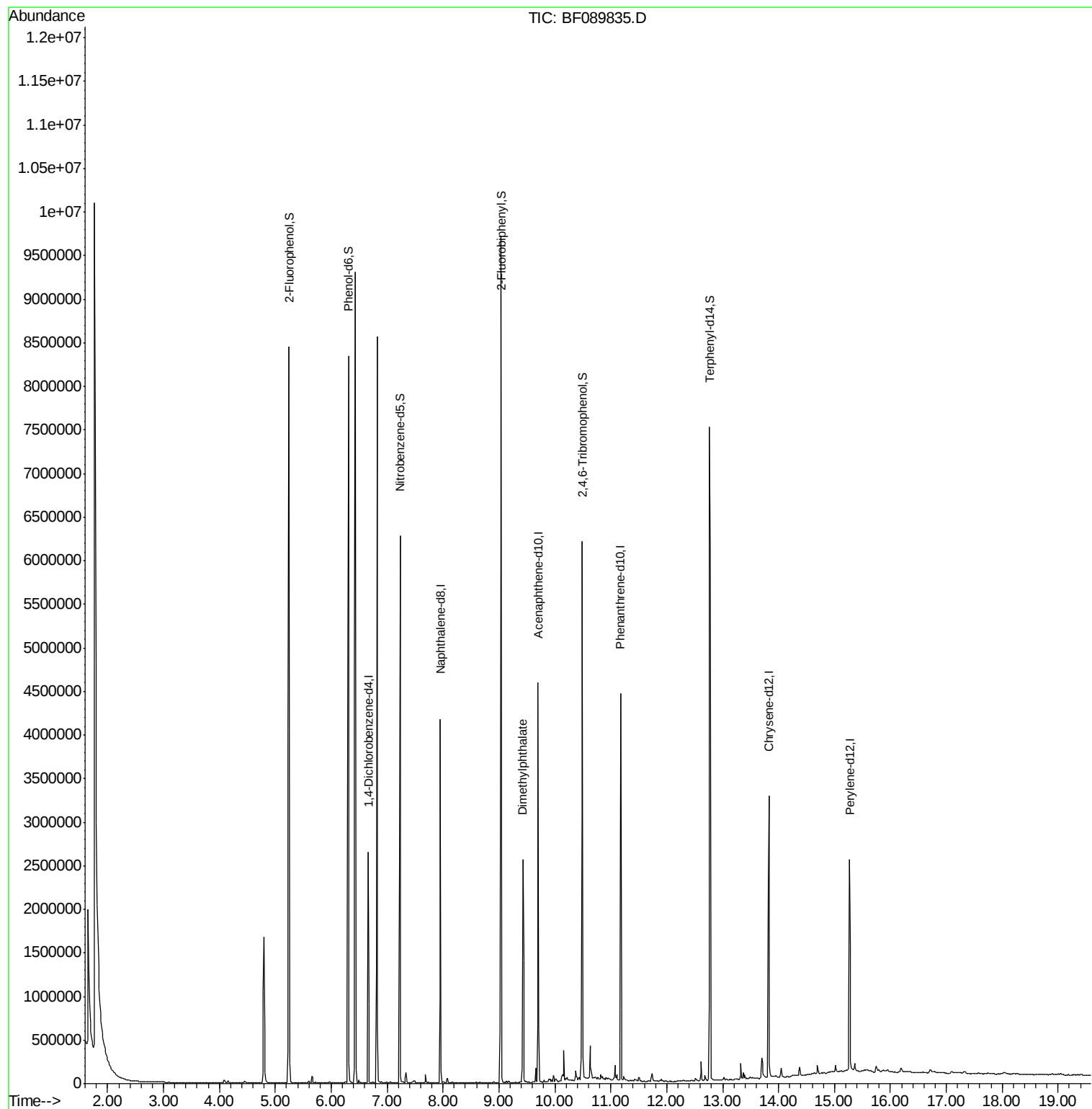
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	428549	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1864416	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	861730	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1536422	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1417421	20.00	ng	-0.05
86) Perylene-d12	15.27	264	1145237	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2779568	111.23	ng	-0.01
7) Phenol-d6	6.31	99	3836212	125.05	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2225917	74.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	859882	105.00	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3899688	79.54	ng	-0.01
78) Terphenyl-d14	12.77	244	3306676	52.78	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.43	163	1363861	22.48	ng	Qvalue 99

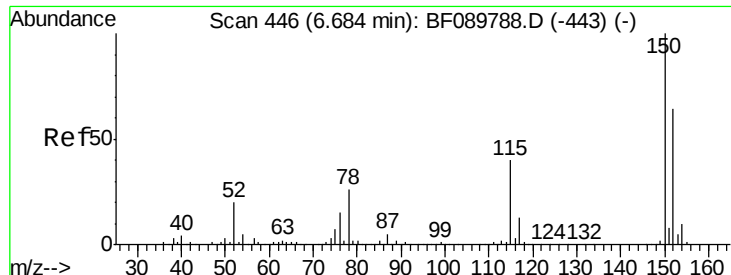
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089835.D

Acq: 23 Aug 2016 15:26

Instrument :

BNA_F

ClientSampleId :

D-9(2.5-3)

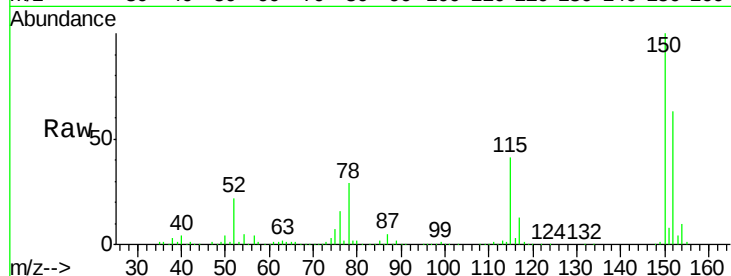
Tgt Ion:152 Resp: 428549

Ion Ratio Lower Upper

152 100

150 159.8 125.3 187.9

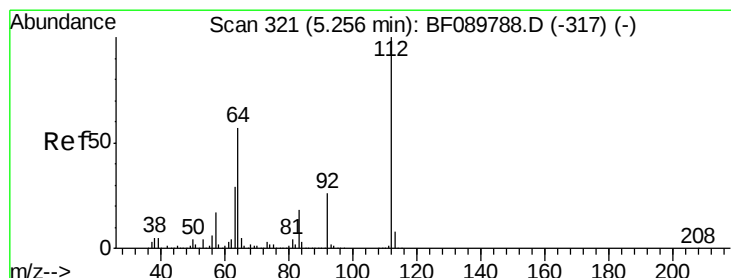
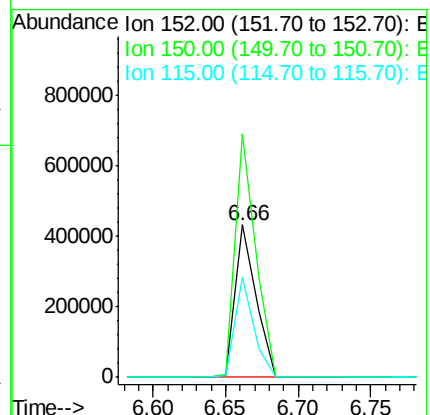
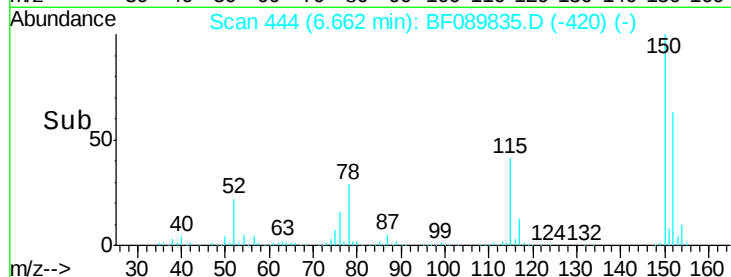
115 66.1 40.9 61.3#



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: 111.23 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089835.D

Acq: 23 Aug 2016 15:26

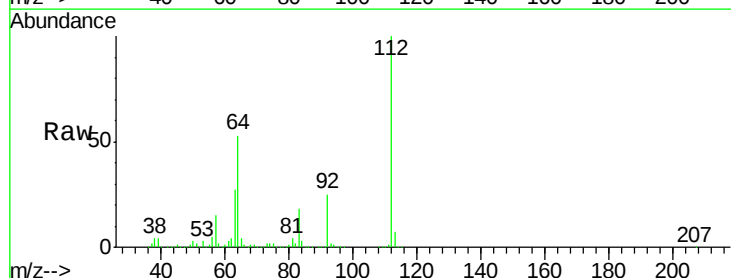
Tgt Ion:112 Resp: 2779568

Ion Ratio Lower Upper

112 100

64 52.9 45.0 67.4

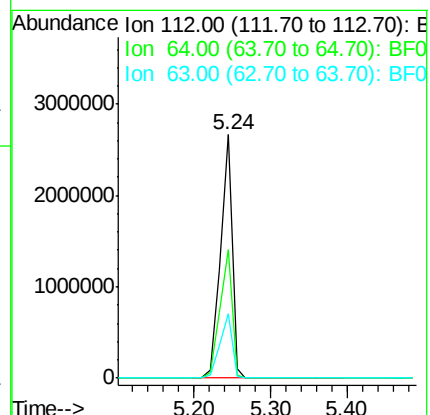
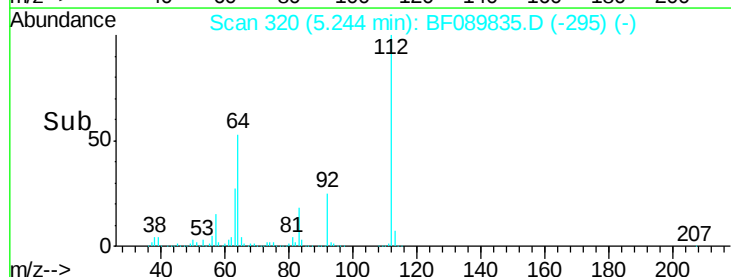
63 26.6 23.1 34.7

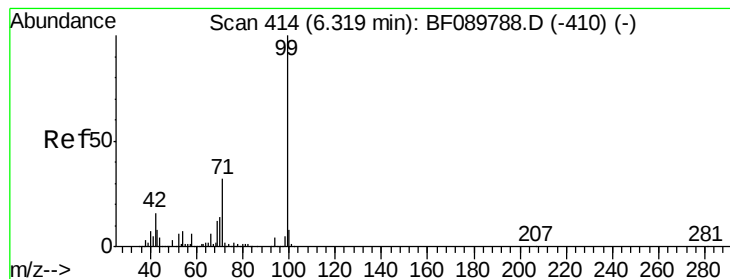


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.05 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089835.D

Acq: 23 Aug 2016 15:26

Instrument :

BNA_F

ClientSampleId :

D-9(2.5-3)

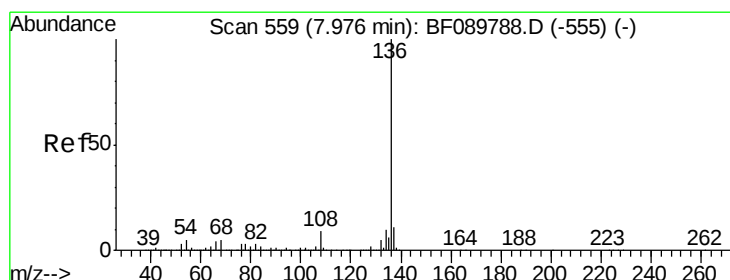
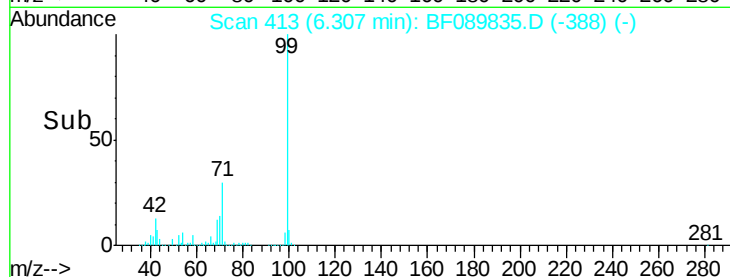
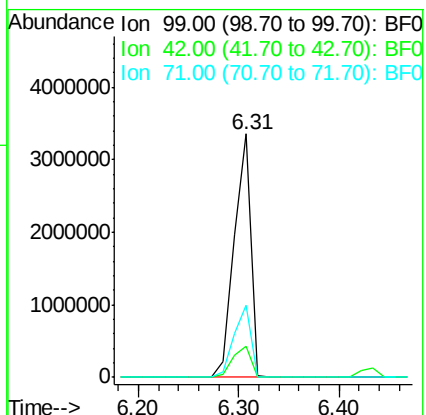
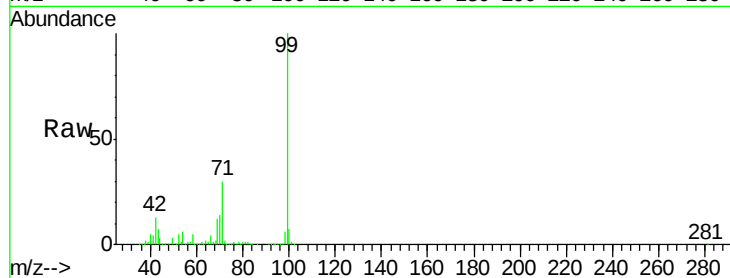
Tgt Ion: 99 Resp: 3836212

Ion Ratio Lower Upper

99 100

42 12.9 12.2 18.4

71 29.5 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089835.D

Acq: 23 Aug 2016 15:26

Tgt Ion: 136 Resp: 1864416

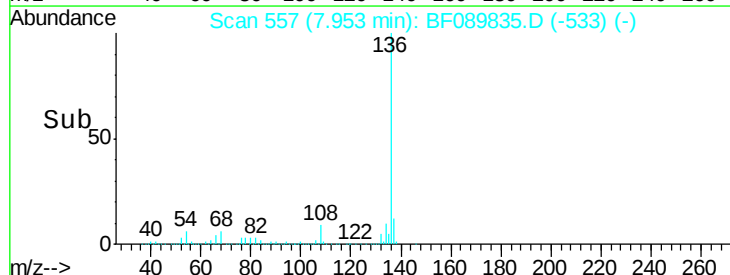
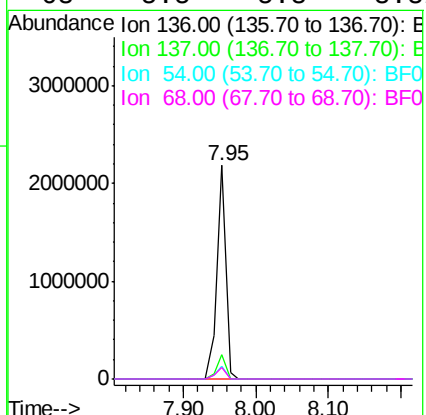
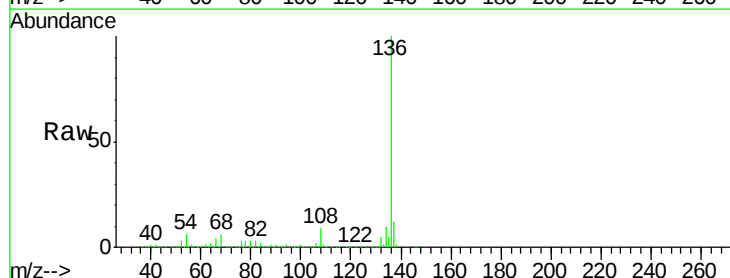
Ion Ratio Lower Upper

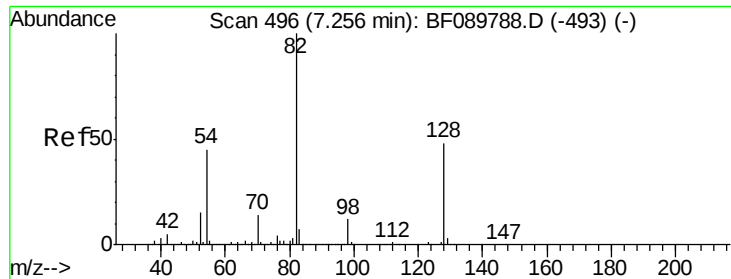
136 100

137 11.6 9.2 13.8

54 5.9 7.2 10.8#

68 5.5 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 74.17 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089835.D

Acq: 23 Aug 2016 15:26

Instrument :

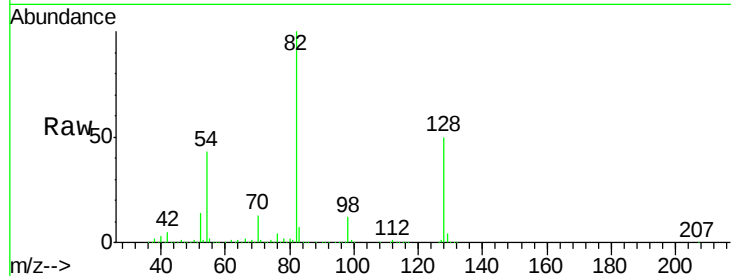
BNA_F

ClientSampleId :

D-9(2.5-3)

Tgt Ion: 82 Resp: 2225917

Ion	Ratio	Lower	Upper
82	100		
128	49.8	34.4	51.6
54	43.2	40.3	60.5

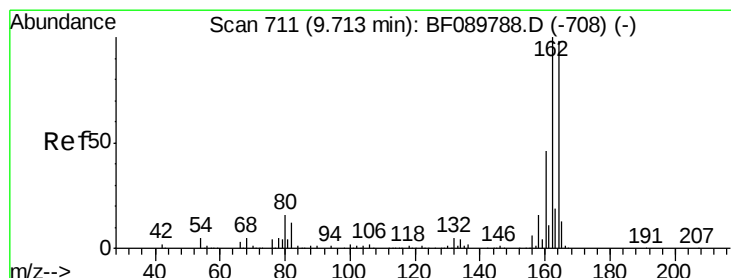
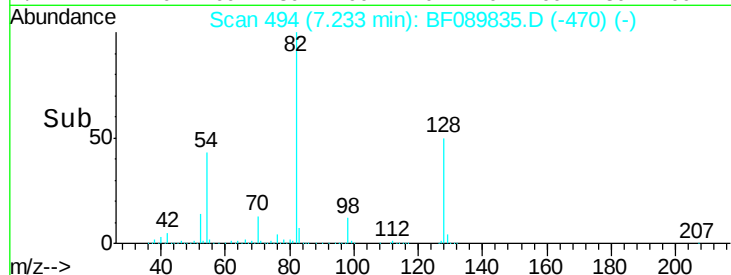
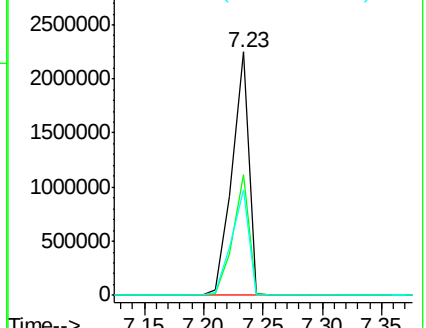


Abundance

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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

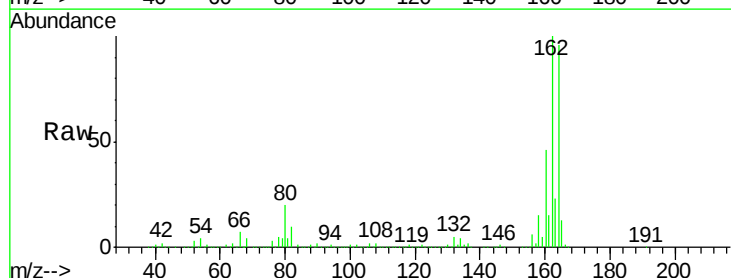
Delta R.T. -0.01 min

Lab File: BF089835.D

Acq: 23 Aug 2016 15:26

Tgt Ion: 164 Resp: 861730

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.4	122.2
160	48.2	37.8	56.6

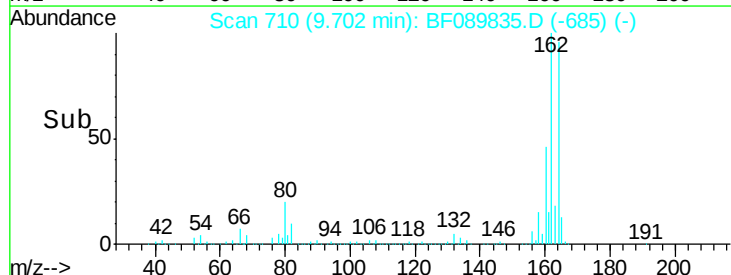
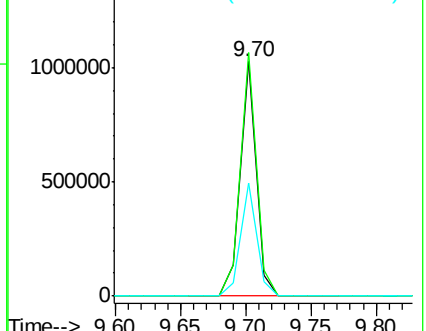


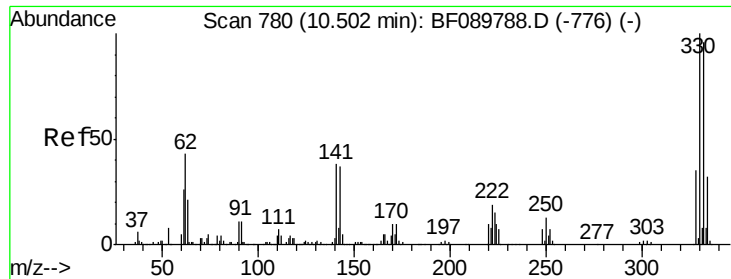
Abundance

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

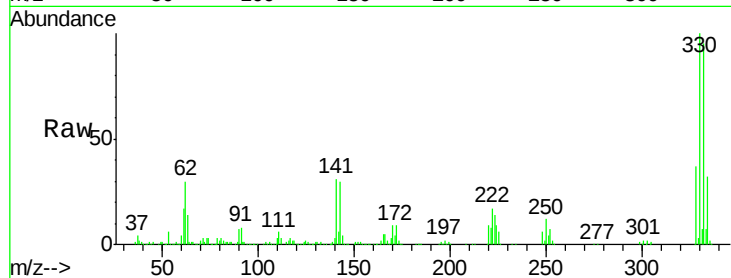




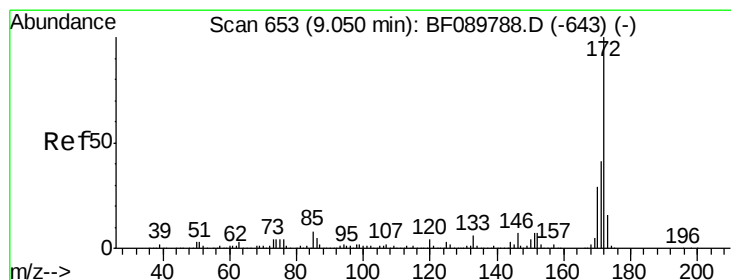
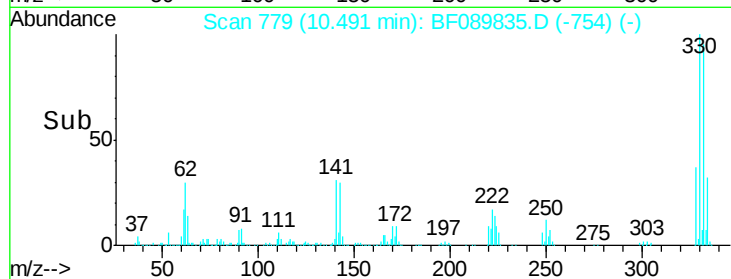
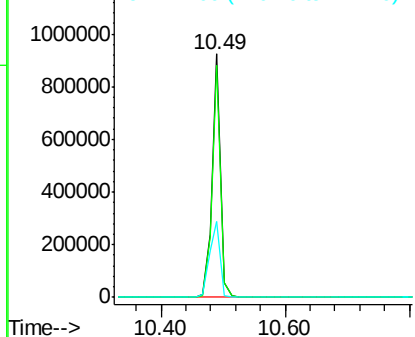
#41
 2,4,6-Tribromophenol
 Concen: 105.00 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089835.D
 Acq: 23 Aug 2016 15:26

Instrument :
 BNA_F
 ClientSampleId :
 D-9(2.5-3)

Tgt Ion:330 Resp: 859882
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.7 115.1
 141 39.1 30.2 45.2

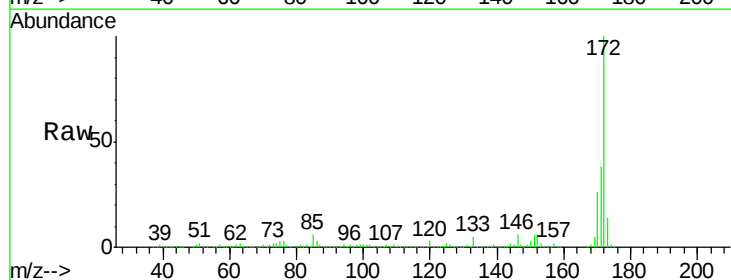


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

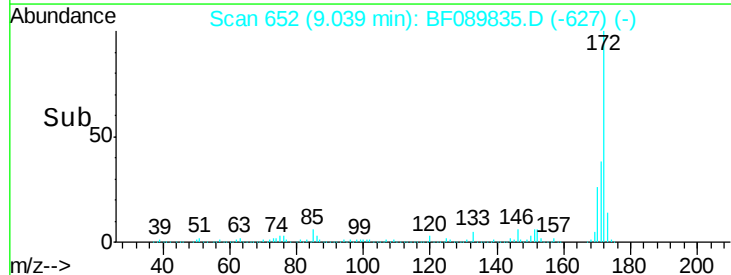
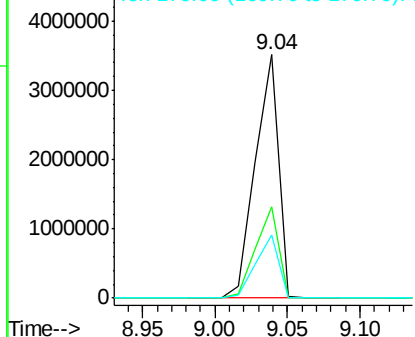


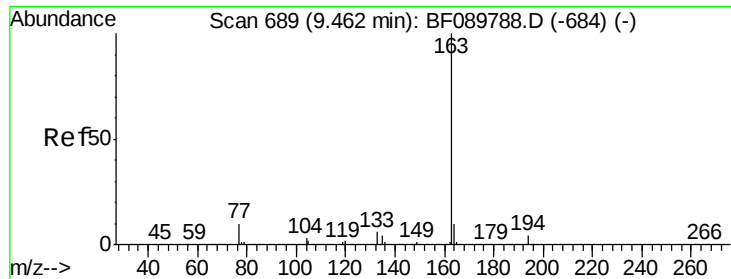
#44
 2-Fluorobiphenyl
 Concen: 79.54 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089835.D
 Acq: 23 Aug 2016 15:26

Tgt Ion:172 Resp: 3899688
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.5 45.7
 170 26.2 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: 22.48 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF089835.D

Acq: 23 Aug 2016 15:26

Instrument :

BNA_F

ClientSampled :

D-9(2.5-3)

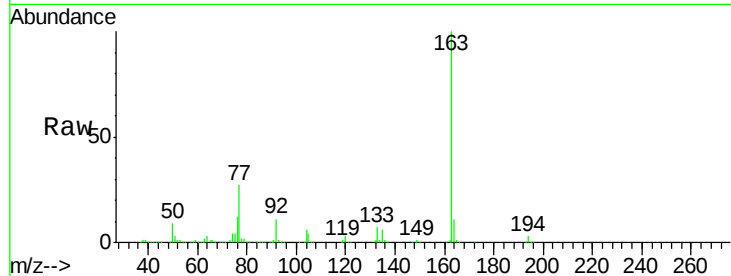
Tgt Ion:163 Resp: 1363861

Ion Ratio Lower Upper

163 100

194 2.9 2.6 3.8

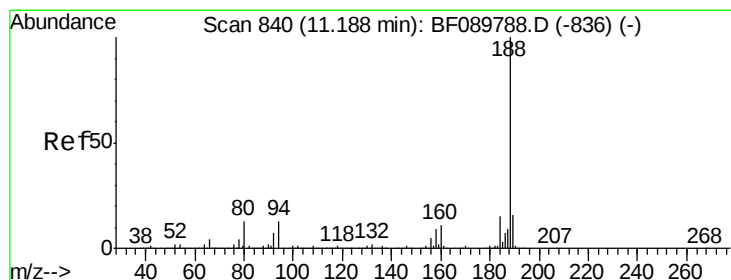
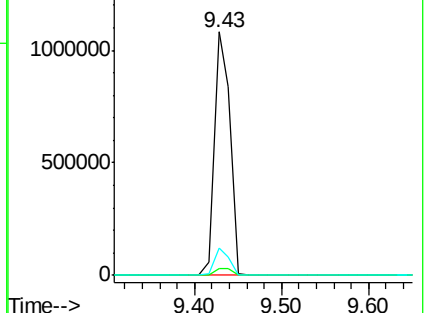
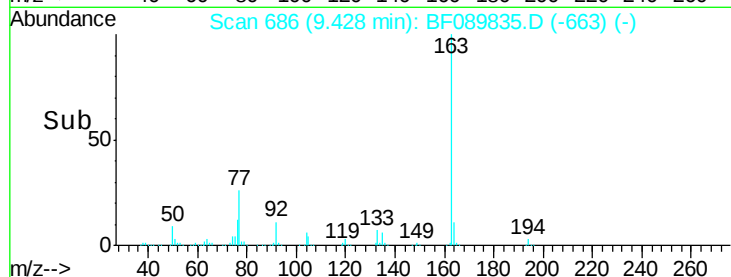
164 11.1 8.6 12.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089835.D

Acq: 23 Aug 2016 15:26

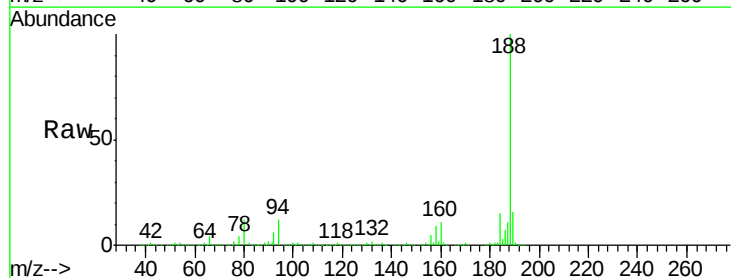
Tgt Ion:188 Resp: 1536422

Ion Ratio Lower Upper

188 100

94 11.9 10.2 15.2

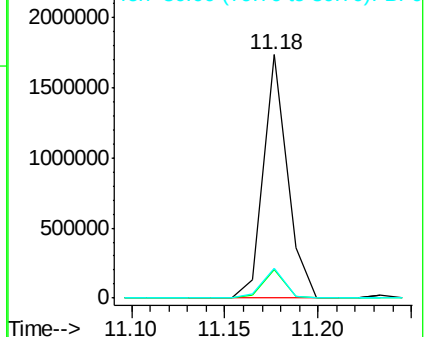
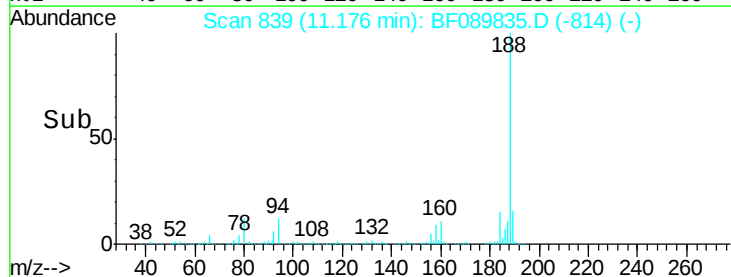
80 12.2 10.9 16.3

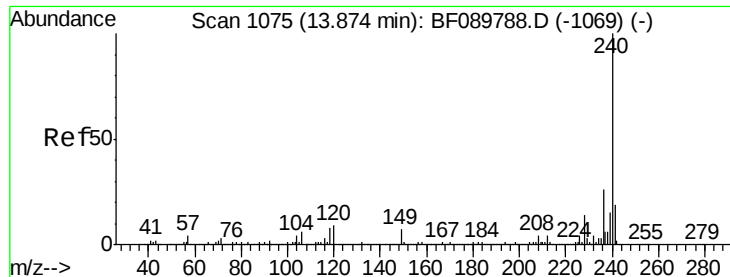


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF089835.D

Acq: 23 Aug 2016 15:26

Instrument :

BNA_F

ClientSampleId :

D-9(2.5-3)

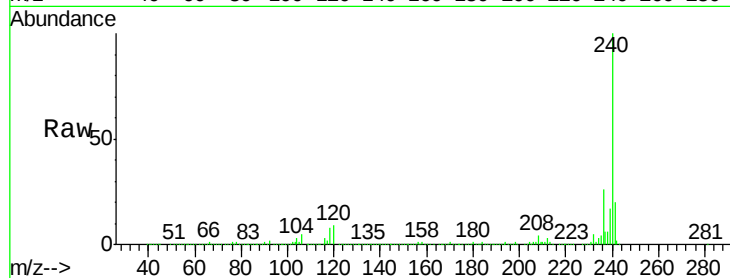
Tgt Ion:240 Resp: 1417421

Ion Ratio Lower Upper

240 100

120 9.0 8.3 12.5

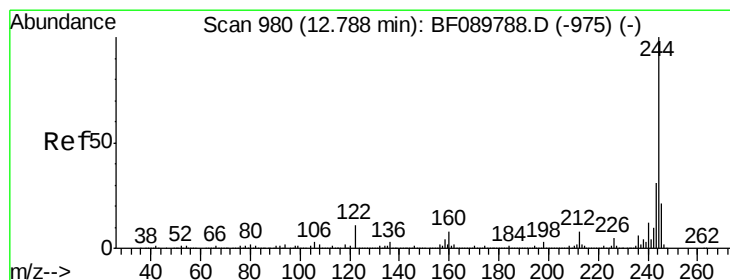
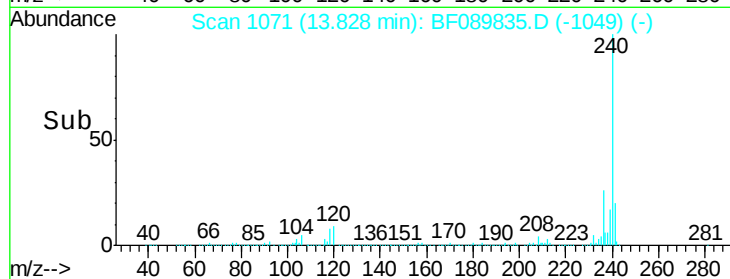
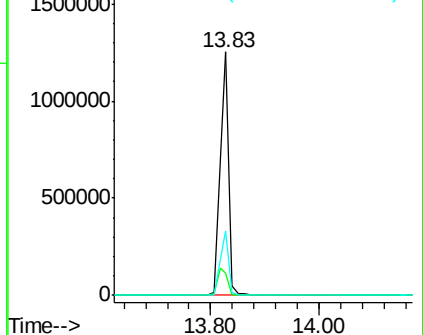
236 26.5 21.3 31.9



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: 52.78 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF089835.D

Acq: 23 Aug 2016 15:26

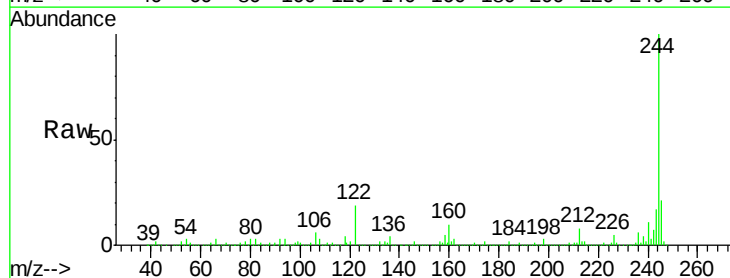
Tgt Ion:244 Resp: 3306676

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

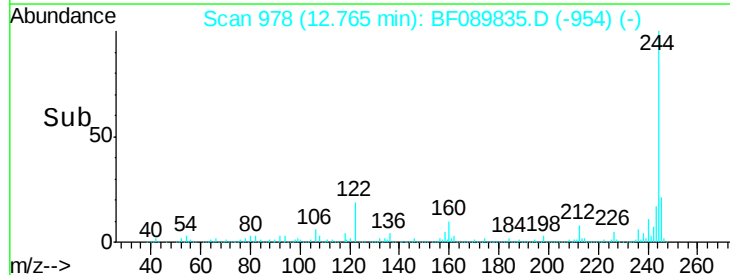
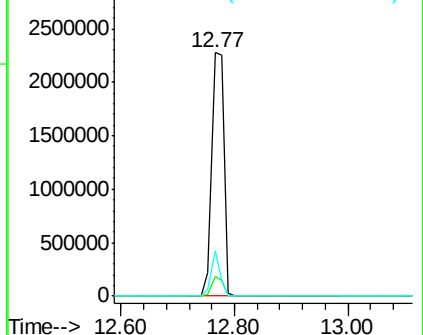
122 18.6 12.0 18.0#

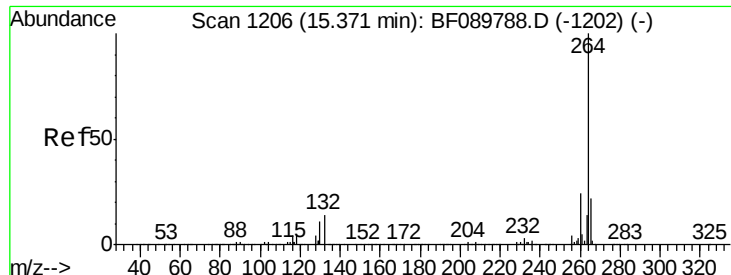


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 1197
Delta R.T. -0.10 min
Lab File: BF089835.D
Acq: 23 Aug 2016 15:26

Instrument :
BNA_F
ClientSampleId :
D-9(2.5-3)

Tgt Ion: 264 Resp: 1145237

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	22.3	17.4	26.2

