

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089828.D
 Acq On : 23 Aug 2016 12:18
 Operator : UM/SJ
 Sample : H4547-05
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-4(3-3.5)

Quant Time: Aug 25 13:33:37 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

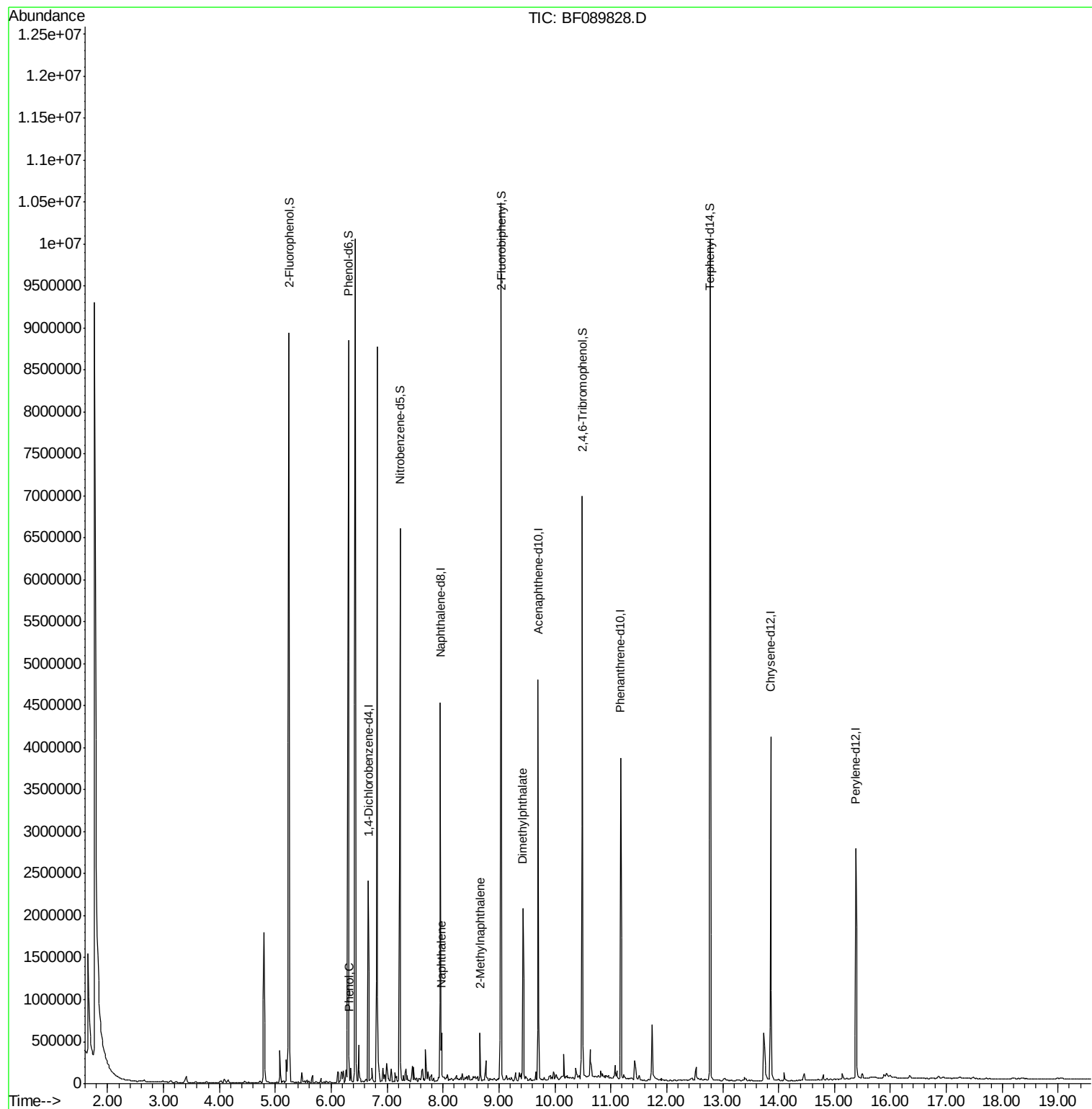
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	449988	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1897932	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	886570	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1582137	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	1429883	20.00	ng	-0.01
86) Perylene-d12	15.38	264	1337815	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2877747	109.67	ng	-0.01
7) Phenol-d6	6.31	99	3901252	121.12	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2271149	74.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	909178	107.91	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4033084	79.95	ng	-0.01
78) Terphenyl-d14	12.78	244	3180077	50.31	ng	-0.01
Target Compounds						
10) Phenol	6.32	94	86656	2.30	ng	Qvalue # 70
31) Naphthalene	7.98	128	254245	2.87	ng	98
37) 2-Methylnaphthalene	8.66	142	141268	2.46	ng	98
49) Dimethylphthalate	9.43	163	1100915	17.64	ng	100

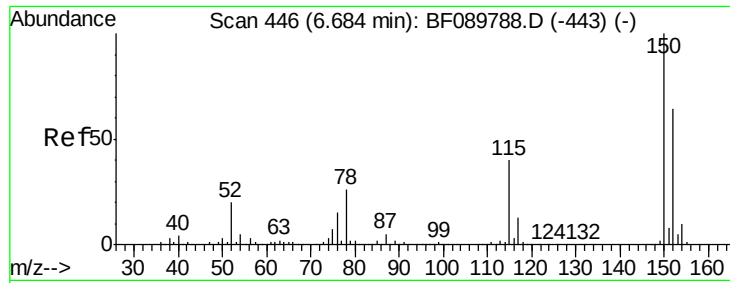
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 19 14:02:57 2016
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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: BF089828.D

Acq: 23 Aug 2016 12:18

Instrument :

BNA_F

ClientSampleId :

D-4(3-3.5)

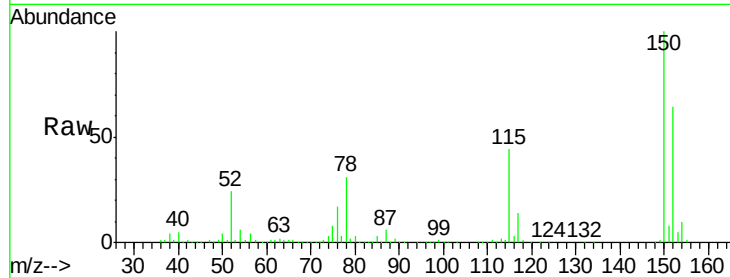
Tgt Ion:152 Resp: 449988

Ion Ratio Lower Upper

152 100

150 156.2 125.3 187.9

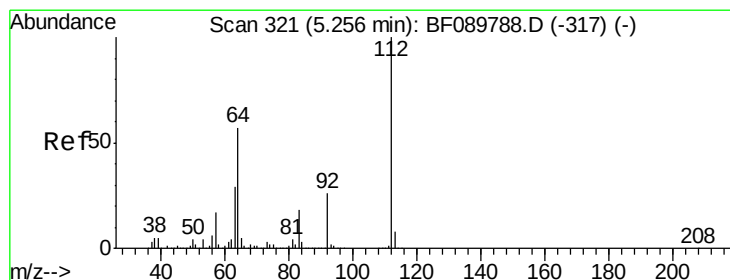
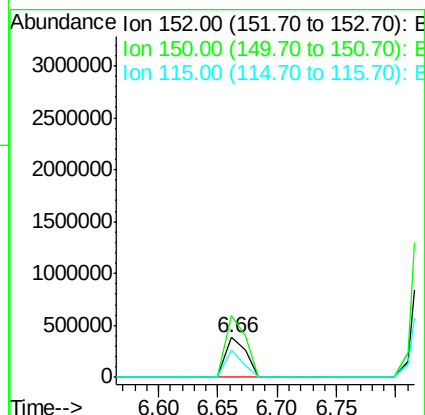
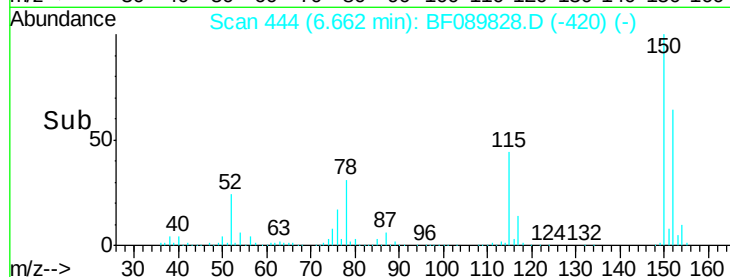
115 68.1 40.9 61.3#



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: 109.67 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089828.D

Acq: 23 Aug 2016 12:18

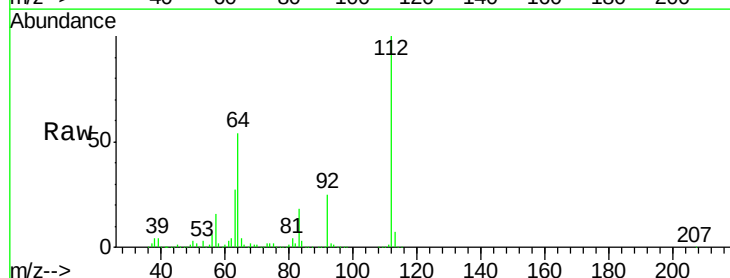
Tgt Ion:112 Resp: 2877747

Ion Ratio Lower Upper

112 100

64 53.9 45.0 67.4

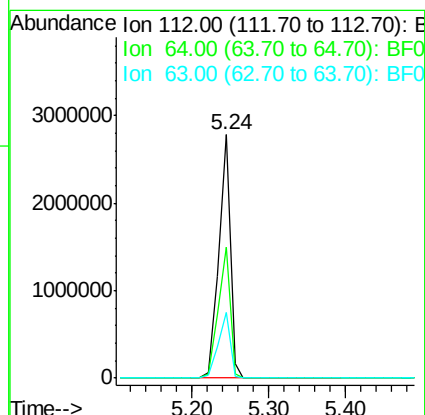
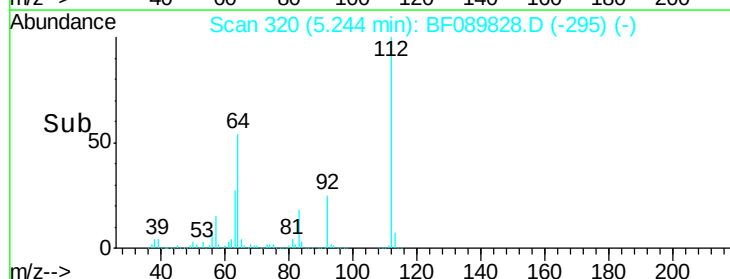
63 27.1 23.1 34.7

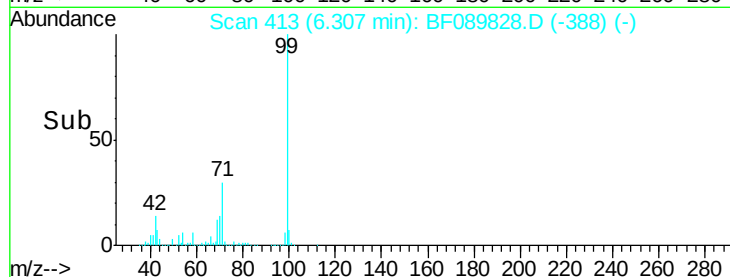
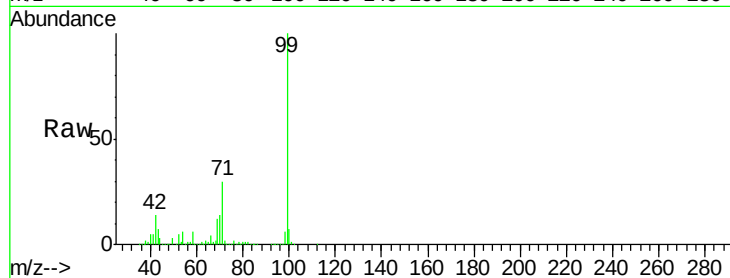
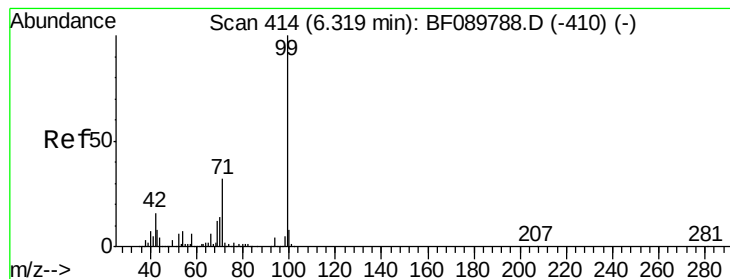


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.12 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089828.D

Acq: 23 Aug 2016 12:18

Instrument :

BNA_F

ClientSampleId :

D-4(3-3.5)

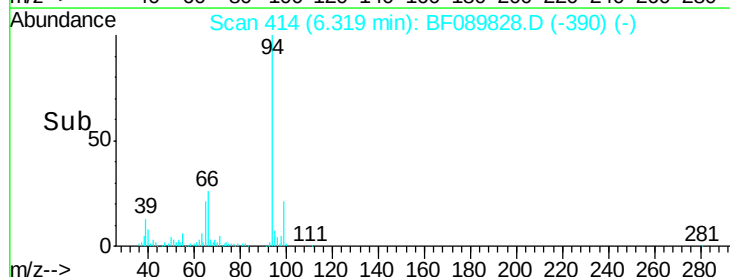
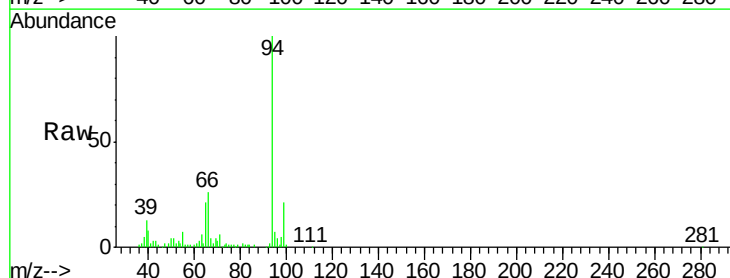
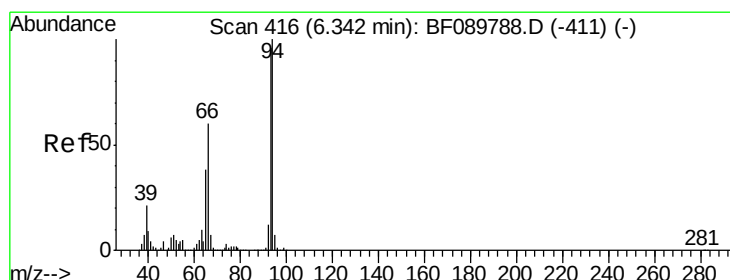
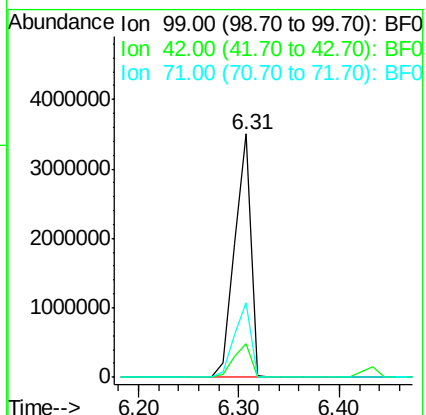
Tgt Ion: 99 Resp: 3901252

Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.4

71 30.5 23.8 35.8



#10

Phenol

Concen: 2.30 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089828.D

Acq: 23 Aug 2016 12:18

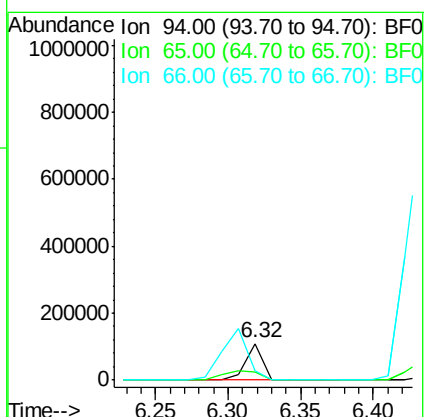
Tgt Ion: 94 Resp: 86656

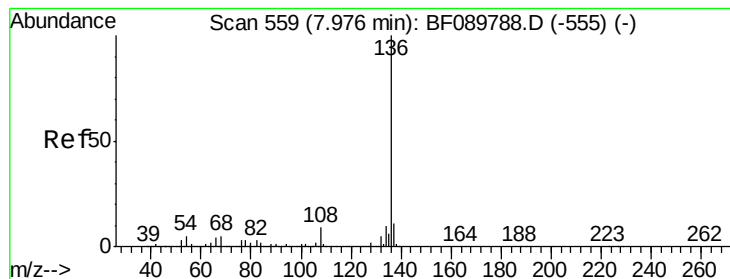
Ion Ratio Lower Upper

94 100

65 21.2 14.0 54.0

66 26.2 31.2 71.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089828.D

Acq: 23 Aug 2016 12:18

Instrument :

BNA_F

ClientSampleId :

D-4(3-3.5)

Tgt Ion:136 Resp: 1897932

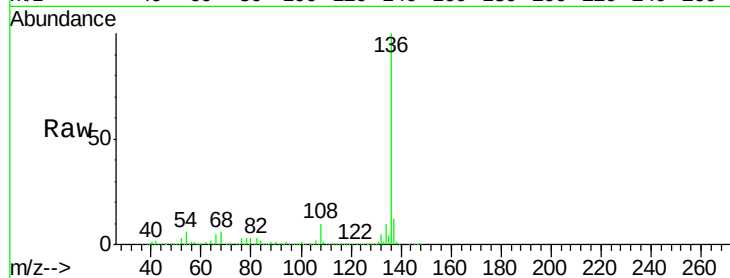
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 6.4 7.2 10.8#

68 5.8 5.8 8.8#

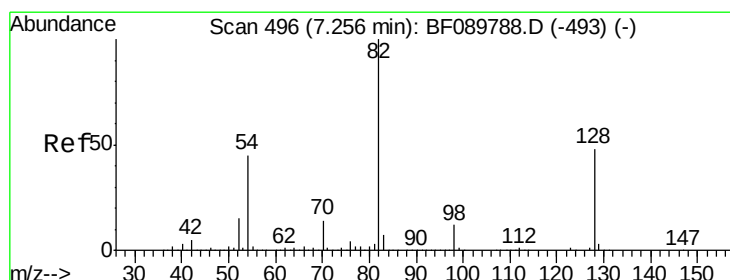
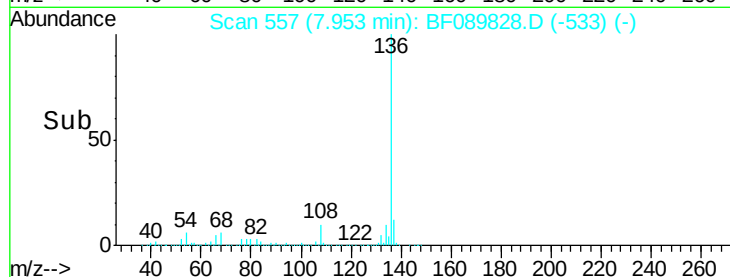
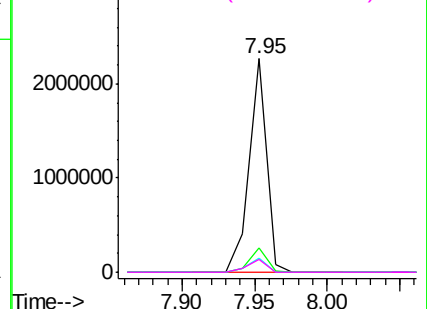


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.34 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089828.D

Acq: 23 Aug 2016 12:18

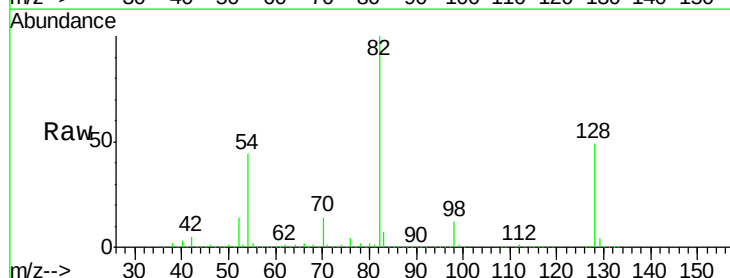
Tgt Ion: 82 Resp: 2271149

Ion Ratio Lower Upper

82 100

128 48.7 34.4 51.6

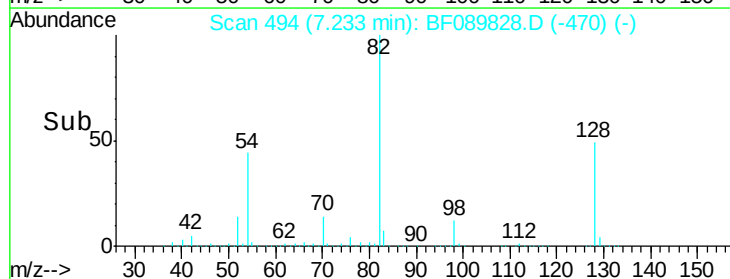
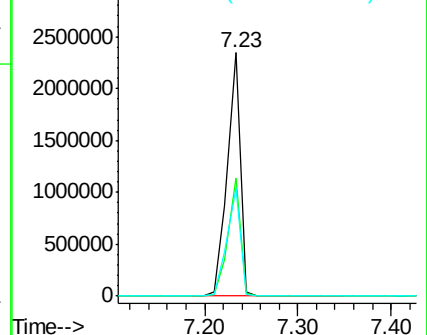
54 44.1 40.3 60.5

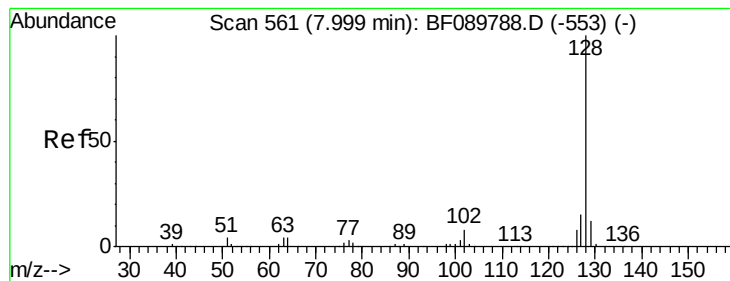


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.87 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089828.D

Acq: 23 Aug 2016 12:18

Instrument :

BNA_F

ClientSampleId :

D-4(3-3.5)

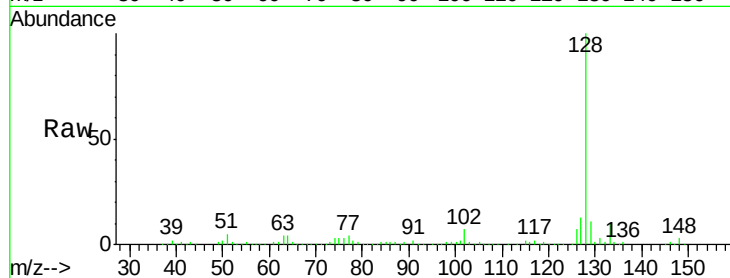
Tgt Ion:128 Resp: 254245

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

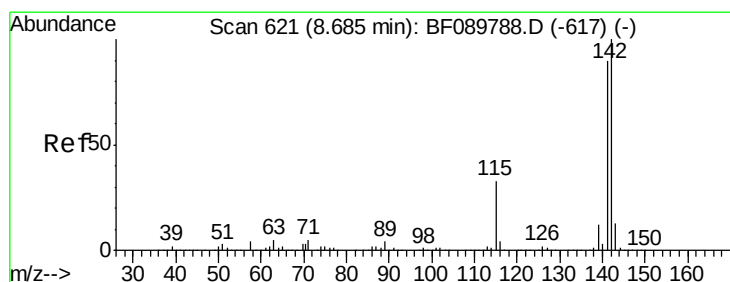
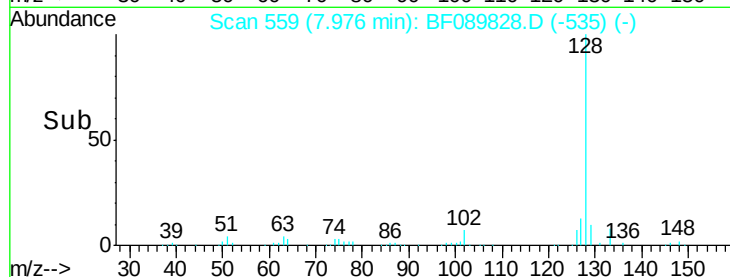
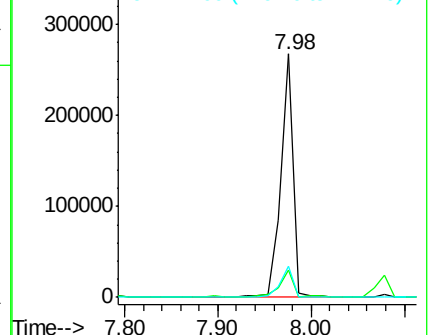
127 12.9 11.3 16.9



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: 2.46 ng

RT: 8.66 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF089828.D

Acq: 23 Aug 2016 12:18

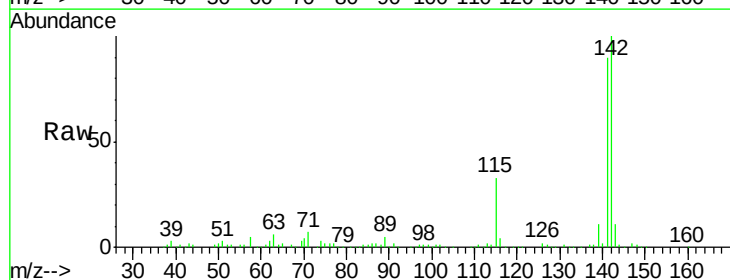
Tgt Ion:142 Resp: 141268

Ion Ratio Lower Upper

142 100

141 89.6 71.4 107.2

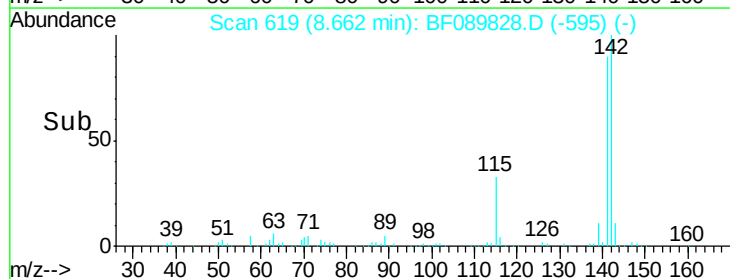
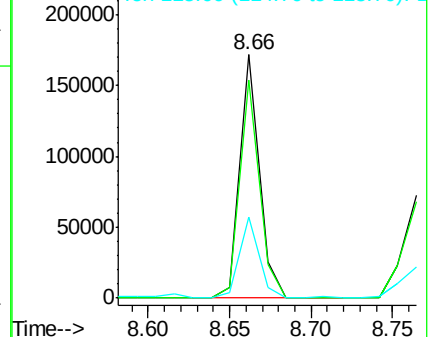
115 33.3 22.7 34.1

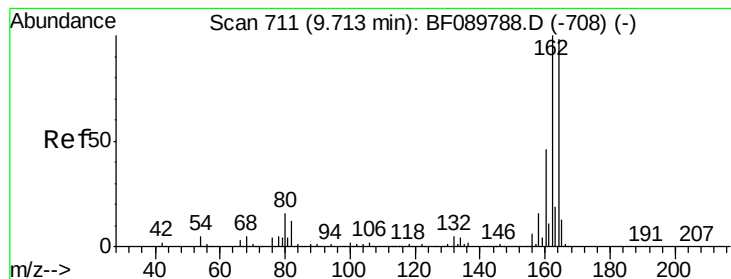


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089828.D

Acq: 23 Aug 2016 12:18

Instrument :

BNA_F

ClientSampleId :

D-4(3-3.5)

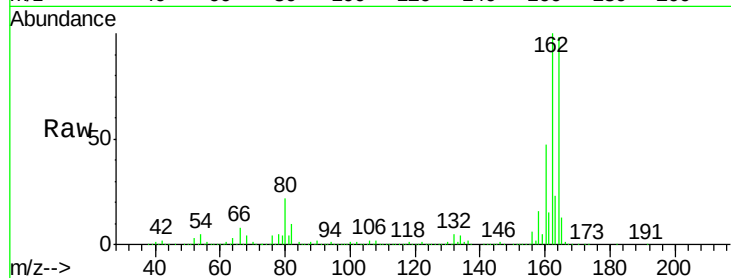
Tgt Ion:164 Resp: 886570

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.2

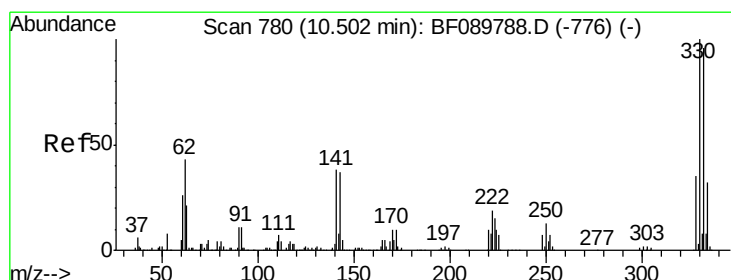
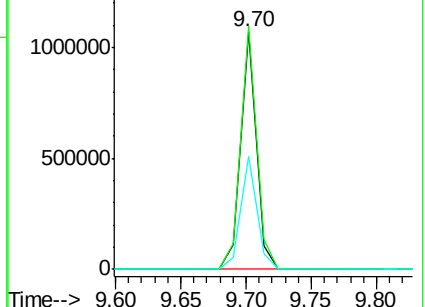
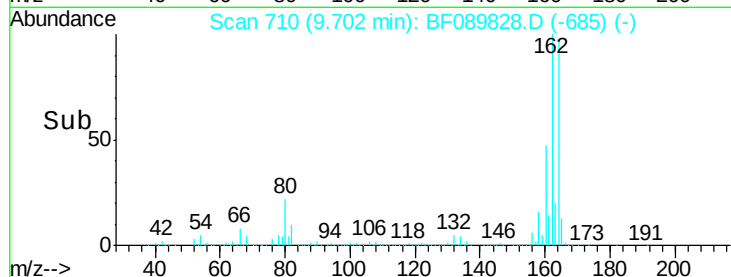
160 47.7 37.8 56.6



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: 107.91 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF089828.D

Acq: 23 Aug 2016 12:18

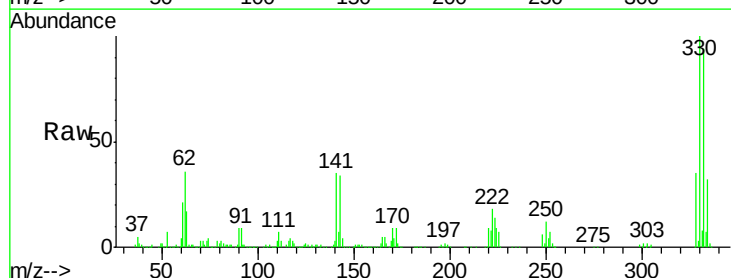
Tgt Ion:330 Resp: 909178

Ion Ratio Lower Upper

330 100

332 95.3 76.7 115.1

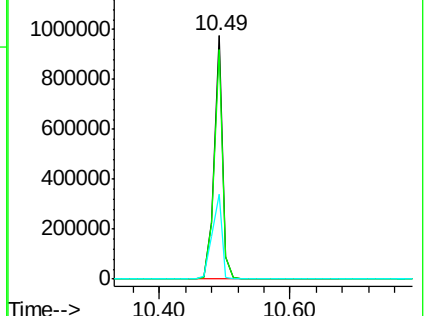
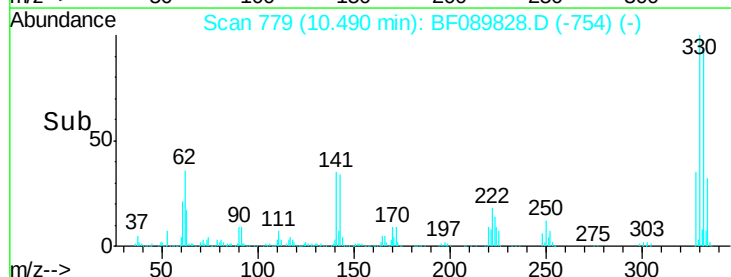
141 40.3 30.2 45.2

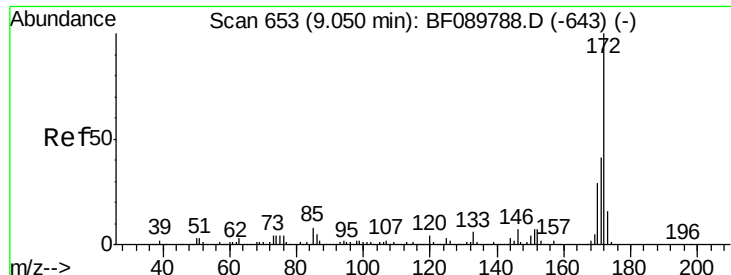


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 79.95 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF089828.D

Acq: 23 Aug 2016 12:18

Instrument :

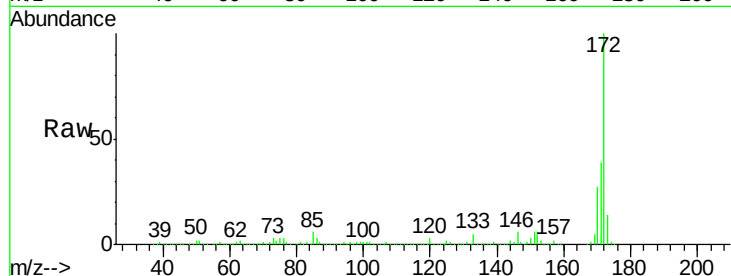
BNA_F

ClientSampleId :

D-4(3-3.5)

Tgt Ion:172 Resp: 4033084

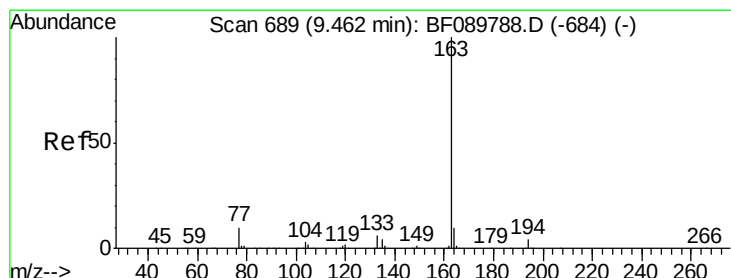
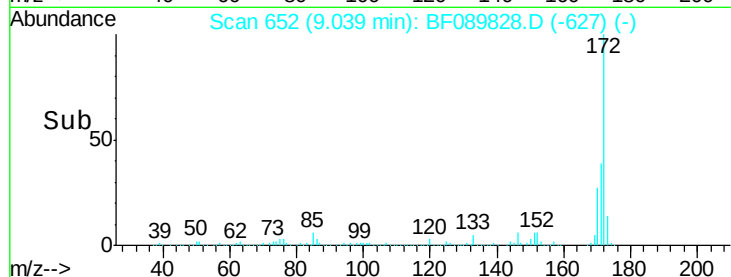
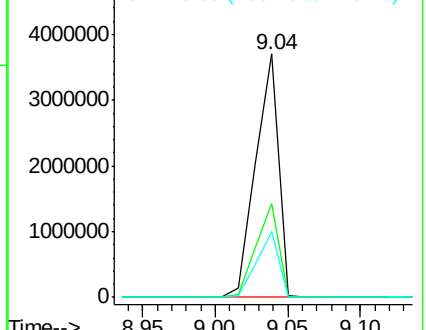
Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.5	45.7
170	26.8	20.6	31.0



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: 17.64 ng

RT: 9.43 min Scan# 686

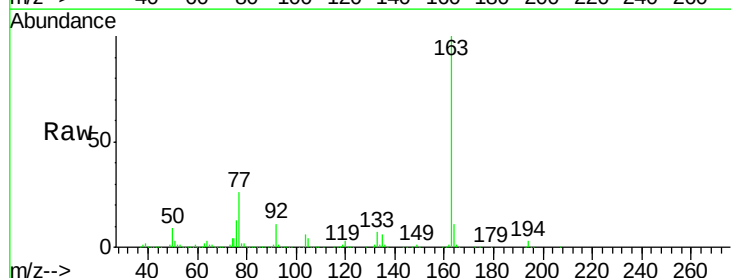
Delta R.T. -0.03 min

Lab File: BF089828.D

Acq: 23 Aug 2016 12:18

Tgt Ion:163 Resp: 1100915

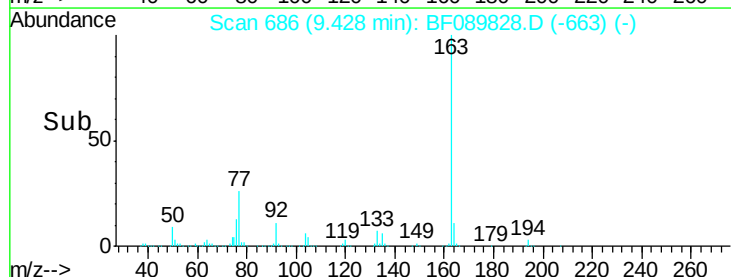
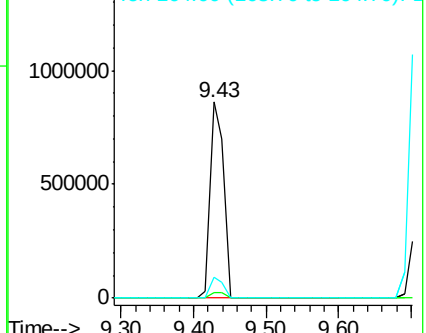
Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	3.8
164	10.7	8.6	12.8

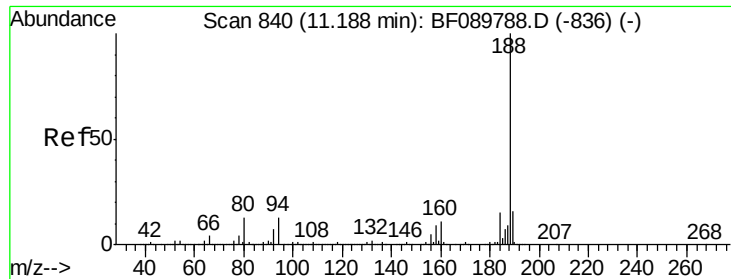


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

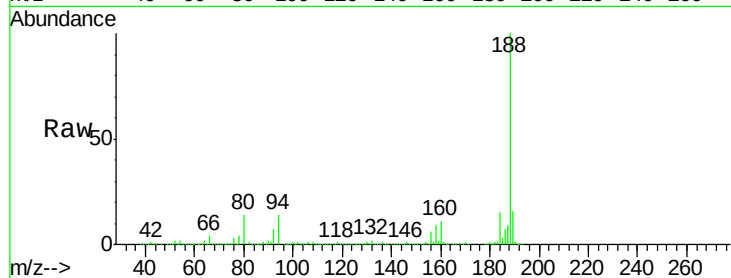




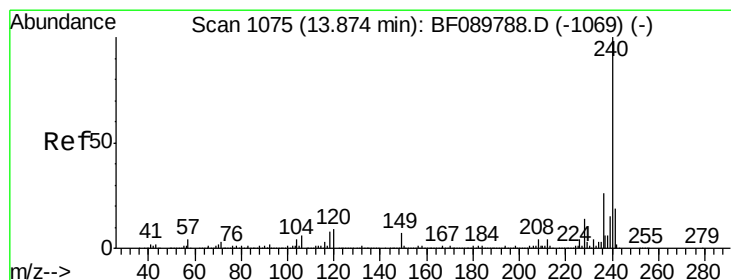
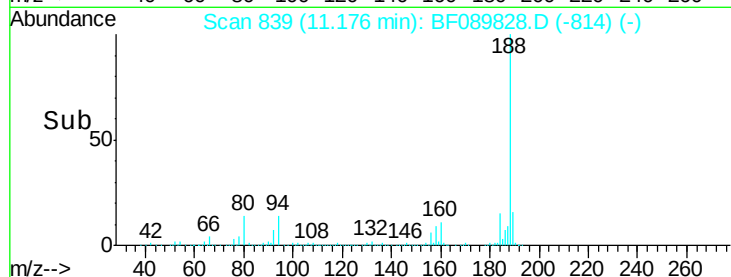
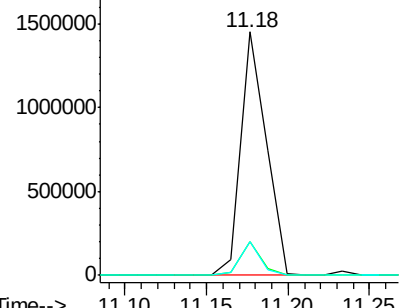
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089828.D
Acq: 23 Aug 2016 12:18

Instrument :
BNA_F
ClientSampleId :
D-4(3-3.5)

Tgt Ion:188 Resp: 1582137
Ion Ratio Lower Upper
188 100
94 13.7 10.2 15.2
80 14.0 10.9 16.3

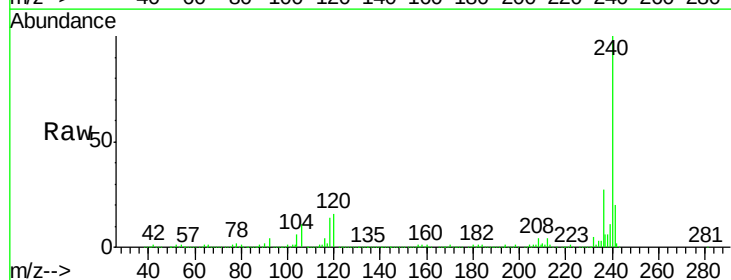


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

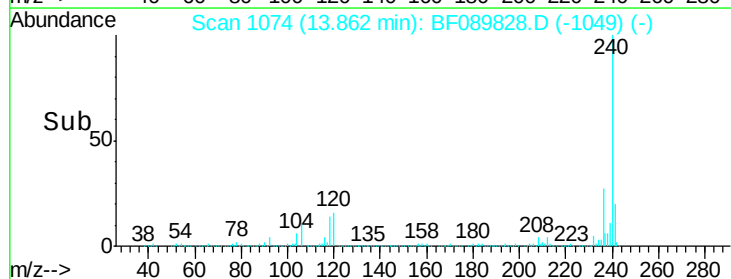
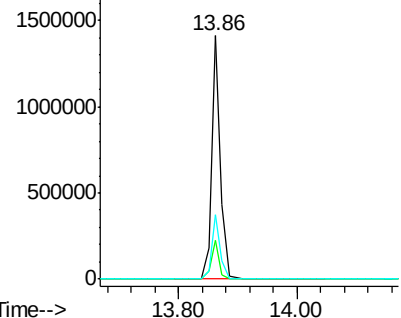


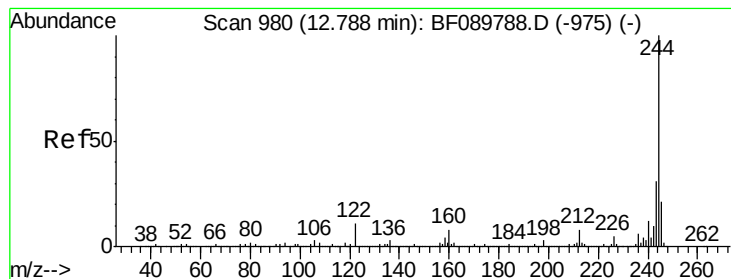
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF089828.D
Acq: 23 Aug 2016 12:18

Tgt Ion:240 Resp: 1429883
Ion Ratio Lower Upper
240 100
120 15.7 8.3 12.5#
236 26.7 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: 50.31 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089828.D

Acq: 23 Aug 2016 12:18

Instrument :

BNA_F

ClientSampleId :

D-4(3-3.5)

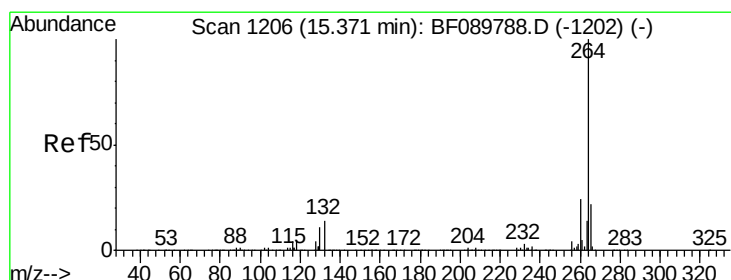
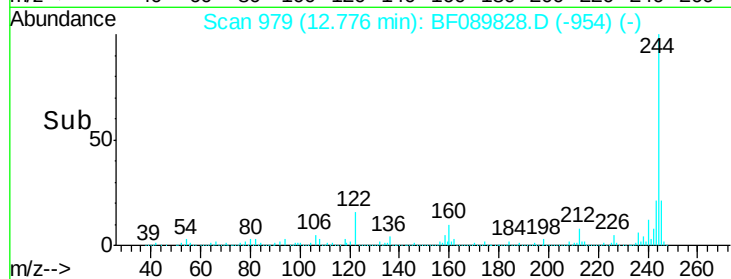
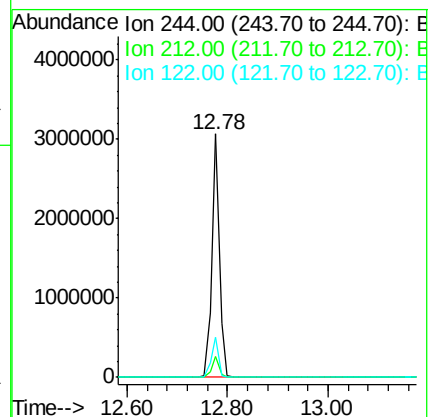
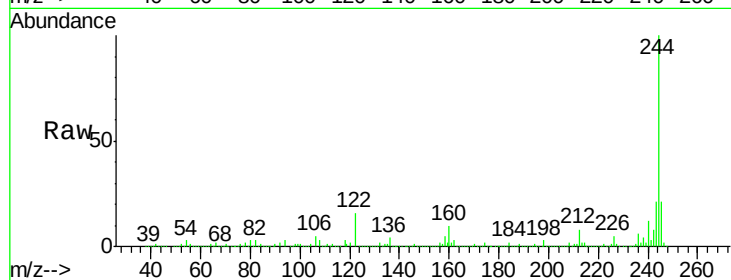
Tgt Ion:244 Resp: 3180077

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

122 16.3 12.0 18.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.38 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF089828.D

Acq: 23 Aug 2016 12:18

Tgt Ion:264 Resp: 1337815

Ion Ratio Lower Upper

264 100

260 24.7 20.2 30.2

265 22.5 17.4 26.2

