

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089822.D
 Acq On : 23 Aug 2016 9:39
 Operator : UM/SJ
 Sample : H4547-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-1(2-2.5)

Quant Time: Aug 25 13:18:53 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

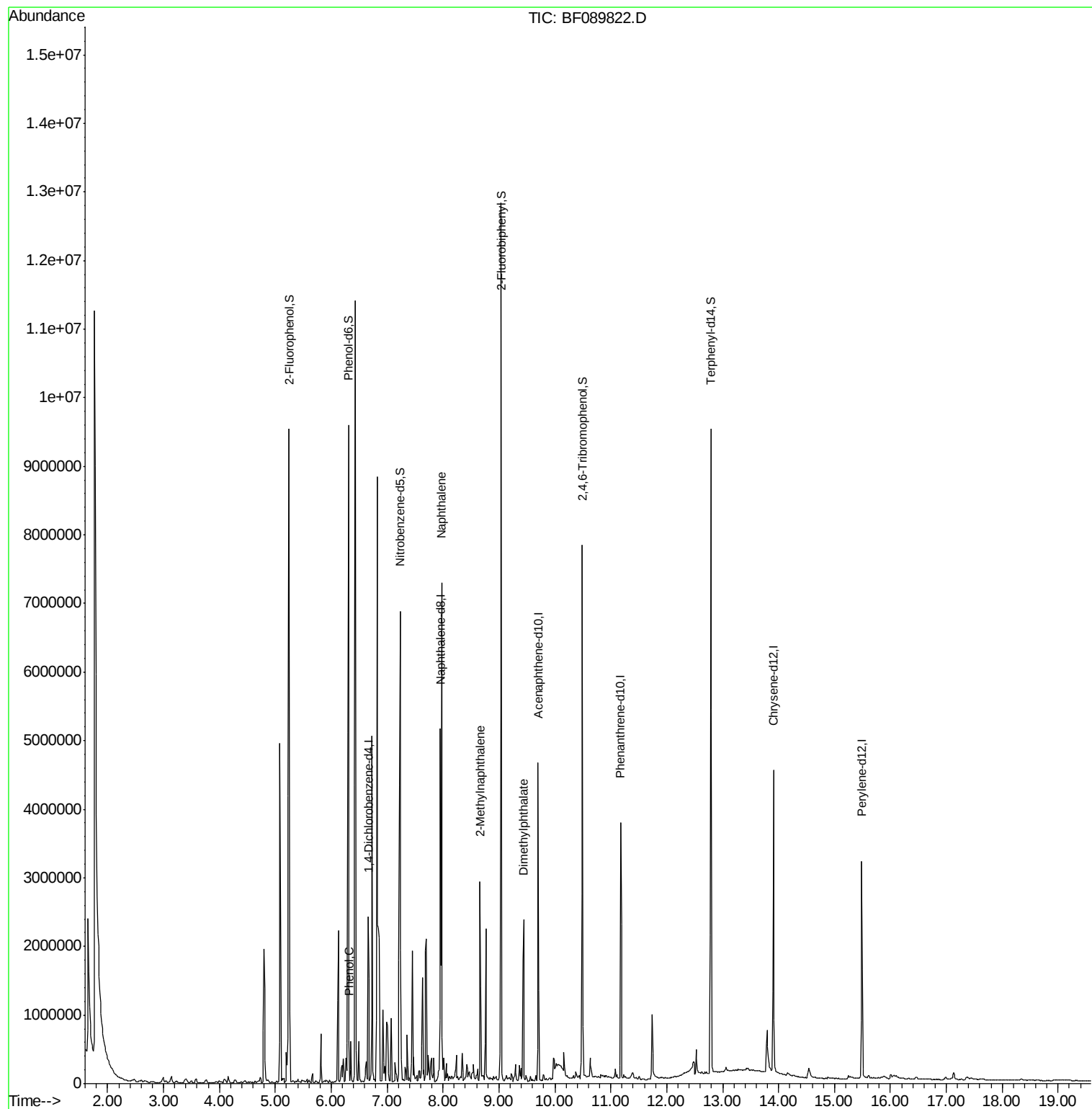
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	473434	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1956618	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	931819	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1700753	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	1583017	20.00	ng	0.03
86) Perylene-d12	15.49	264	1475831	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	3165018	114.64	ng	-0.01
7) Phenol-d6	6.31	99	4088386	120.64	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2302089	73.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	983237	111.03	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4230909	79.80	ng	-0.01
78) Terphenyl-d14	12.79	244	3778061	53.99	ng	0.00
Target Compounds						
10) Phenol	6.32	94	120308	3.03	ng	# 75
31) Naphthalene	7.98	128	2862940	31.31	ng	99
37) 2-Methylnaphthalene	8.66	142	927784	15.68	ng	96
49) Dimethylphthalate	9.44	163	1407924	21.46	ng	# 98

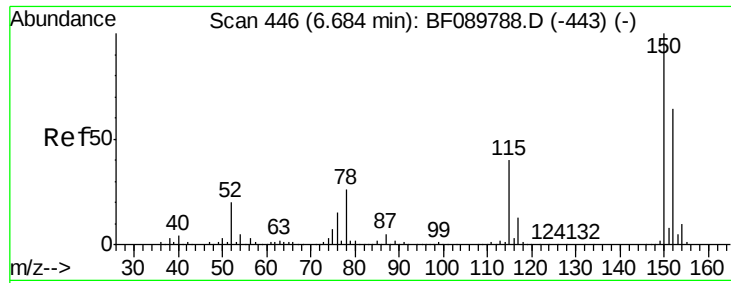
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089822.D

Acq: 23 Aug 2016 9:39

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)

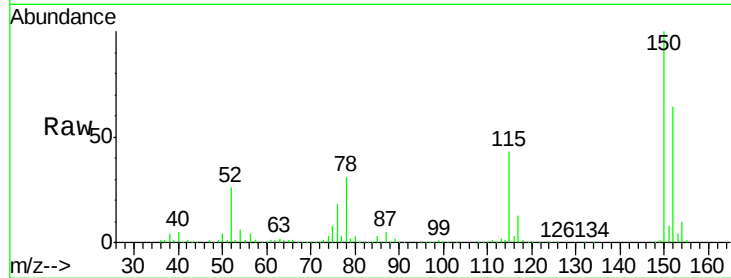
Tgt Ion:152 Resp: 473434

Ion Ratio Lower Upper

152 100

150 156.8 125.3 187.9

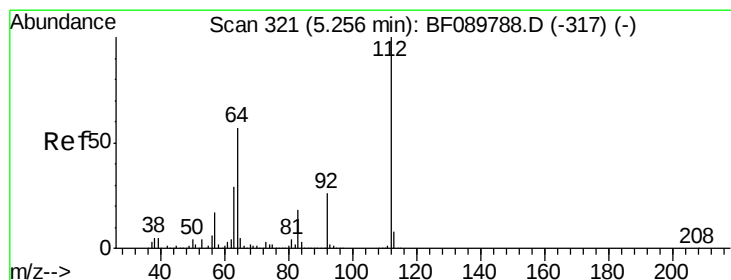
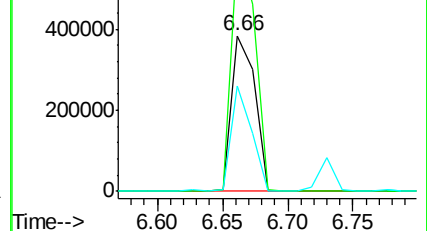
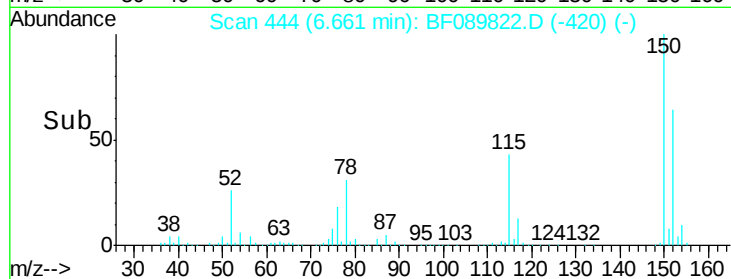
115 67.7 40.9 61.3#



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: 114.64 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089822.D

Acq: 23 Aug 2016 9:39

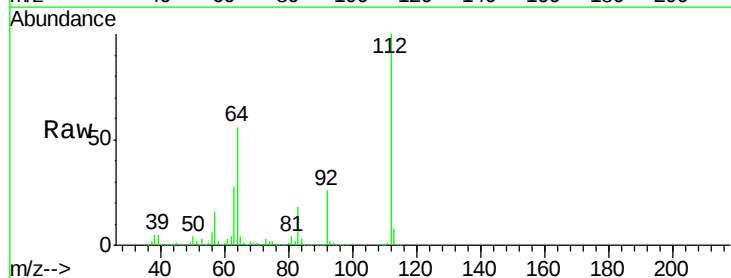
Tgt Ion:112 Resp: 3165018

Ion Ratio Lower Upper

112 100

64 55.5 45.0 67.4

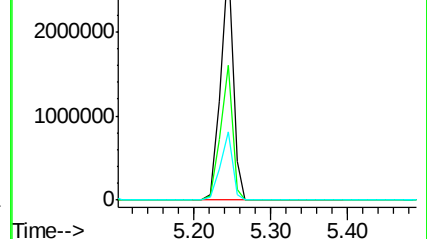
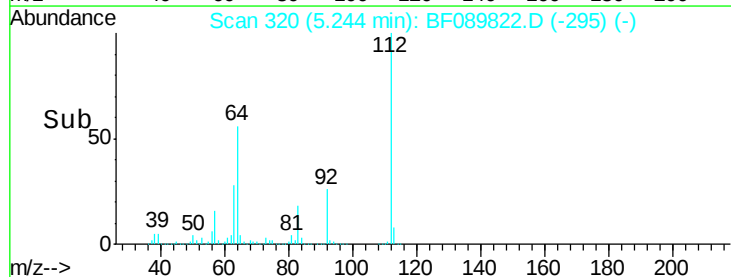
63 28.2 23.1 34.7

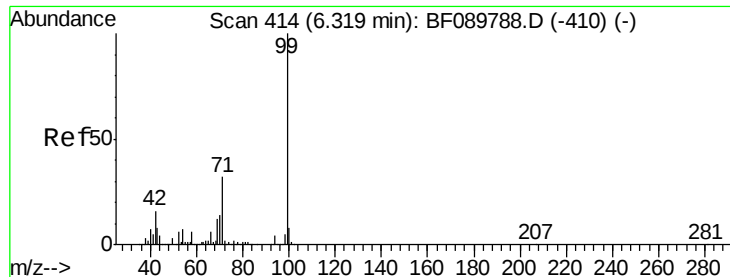


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.64 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089822.D

Acq: 23 Aug 2016 9:39

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)

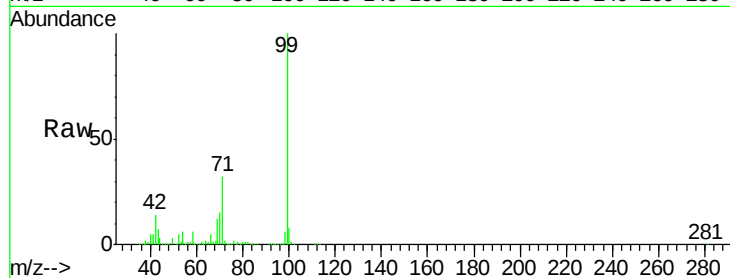
Tgt Ion: 99 Resp: 4088386

Ion Ratio Lower Upper

99 100

42 14.2 12.2 18.4

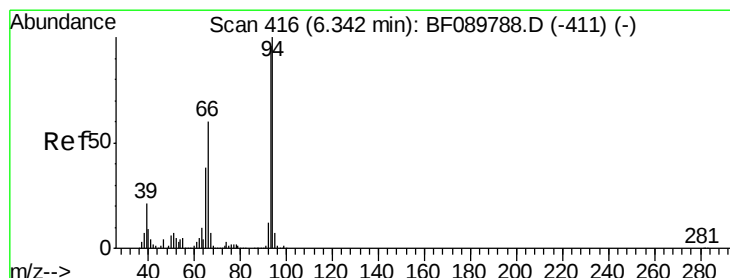
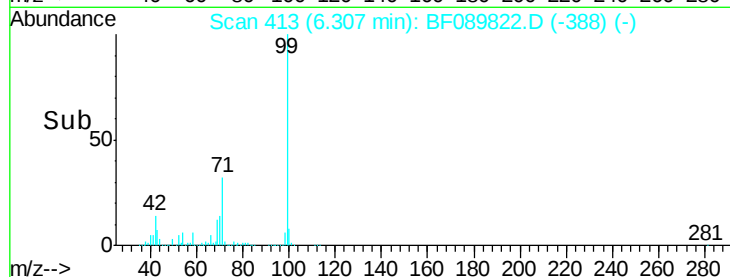
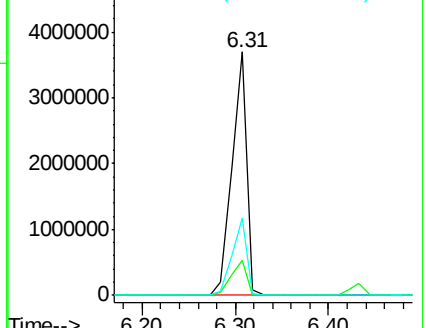
71 31.9 23.8 35.8



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



#10

Phenol

Concen: 3.03 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089822.D

Acq: 23 Aug 2016 9:39

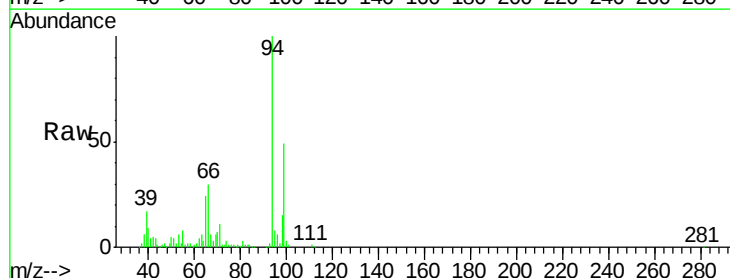
Tgt Ion: 94 Resp: 120308

Ion Ratio Lower Upper

94 100

65 24.2 14.0 54.0

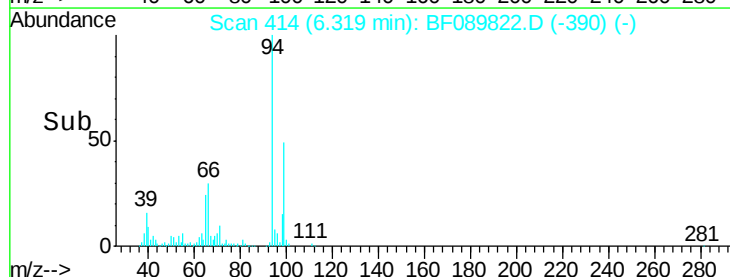
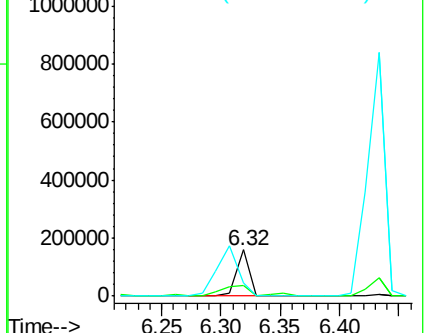
66 29.7 31.2 71.2#

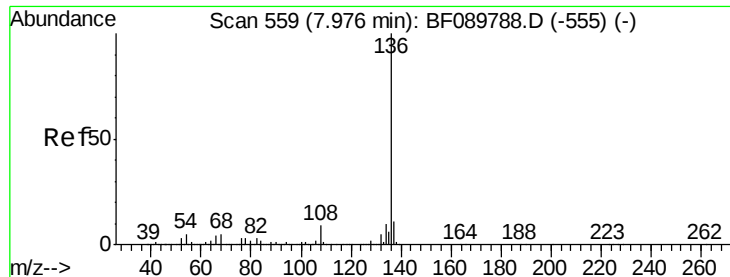


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

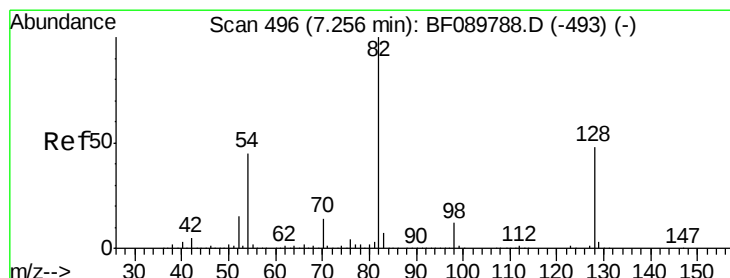
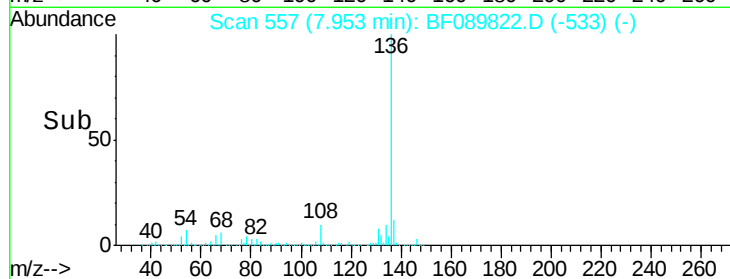
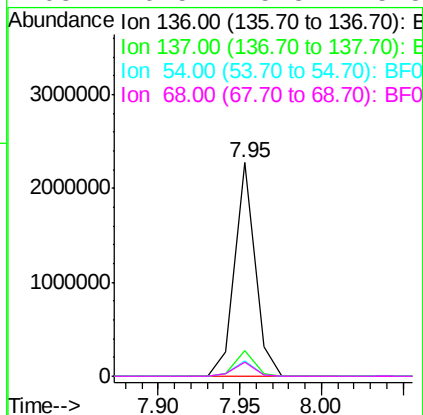
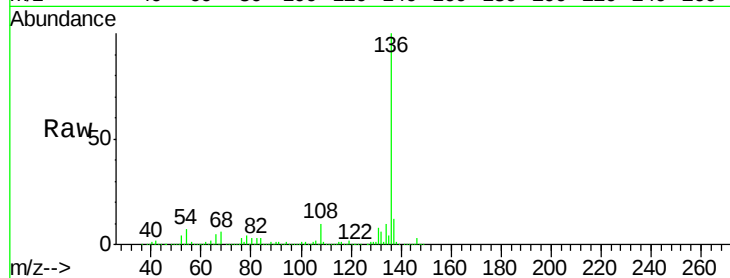




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089822.D
Acq: 23 Aug 2016 9:39

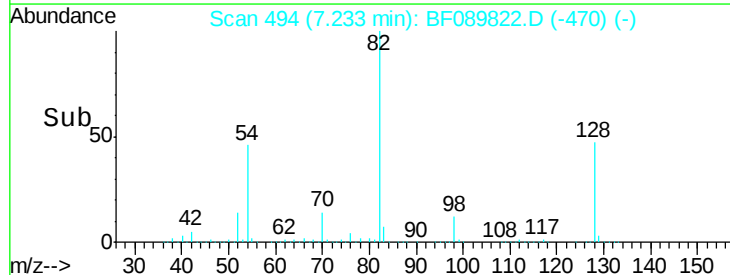
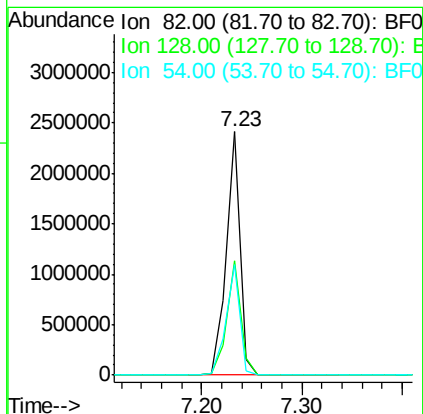
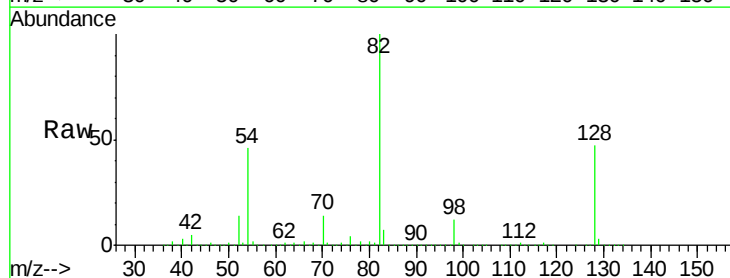
Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)

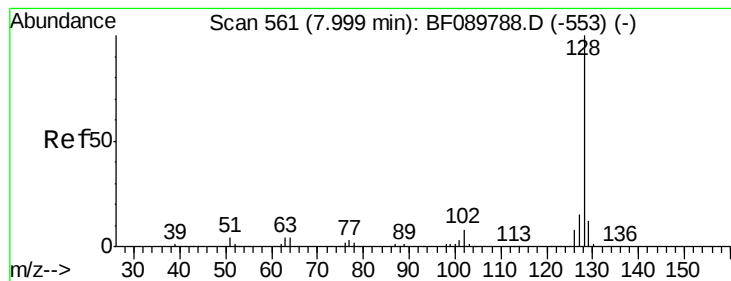
Tgt Ion:	136	Resp:	1956618
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	7.0	7.2	10.8#
68	6.5	5.8	8.8



#23
Nitrobenzene-d5
Concen: 73.09 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF089822.D
Acq: 23 Aug 2016 9:39

Tgt Ion:	82	Resp:	2302089
Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.4	51.6
54	45.6	40.3	60.5





#31

Naphthalene

Concen: 31.31 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089822.D

Acq: 23 Aug 2016 9:39

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)

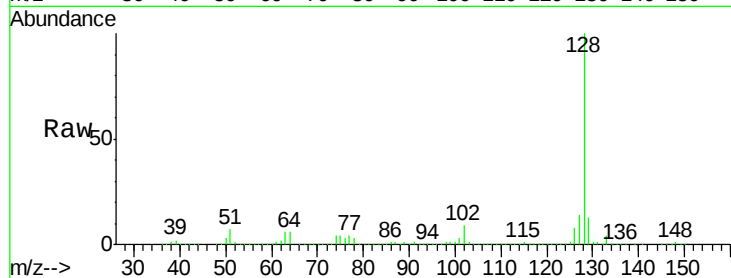
Tgt Ion:128 Resp: 2862940

Ion Ratio Lower Upper

128 100

129 12.6 9.5 14.3

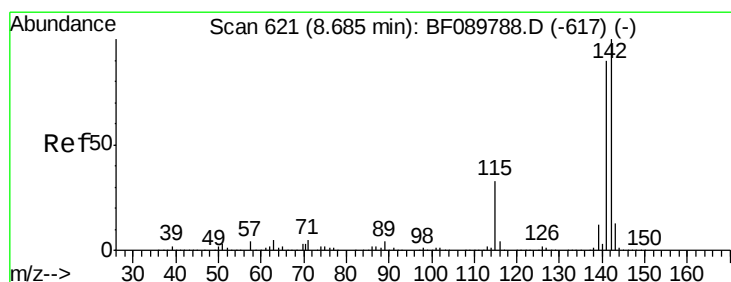
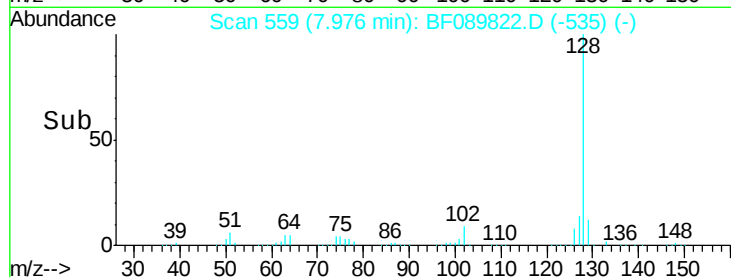
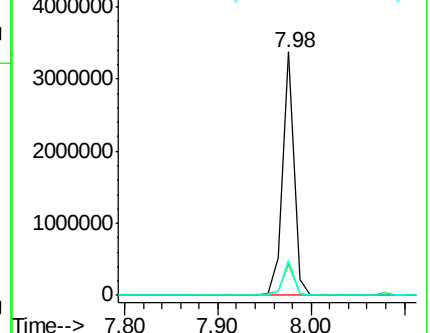
127 14.3 11.3 16.9



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: 15.68 ng

RT: 8.66 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF089822.D

Acq: 23 Aug 2016 9:39

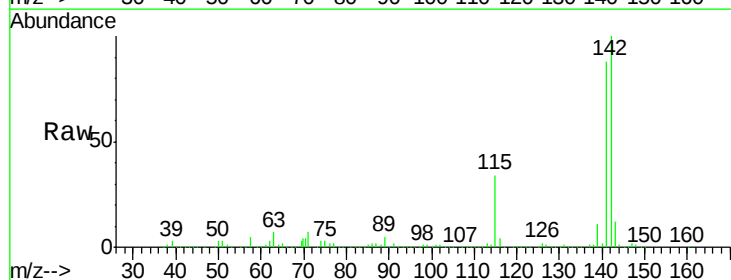
Tgt Ion:142 Resp: 927784

Ion Ratio Lower Upper

142 100

141 88.1 71.4 107.2

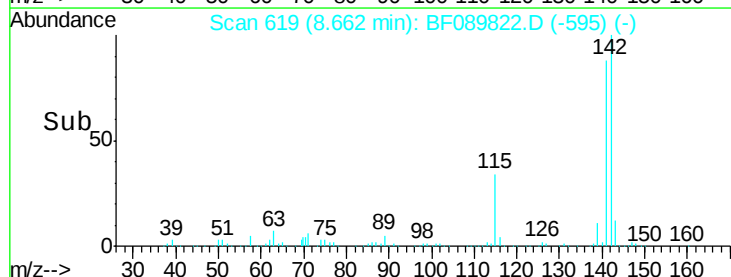
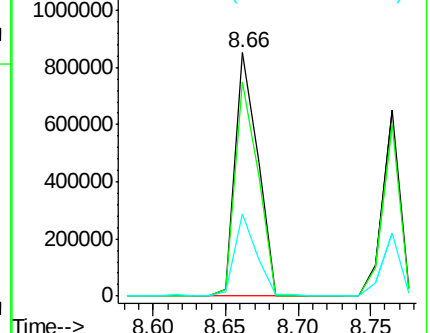
115 33.9 22.7 34.1

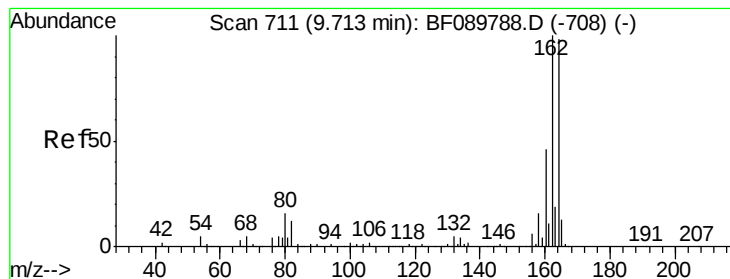


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF089822.D

Acq: 23 Aug 2016 9:39

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)

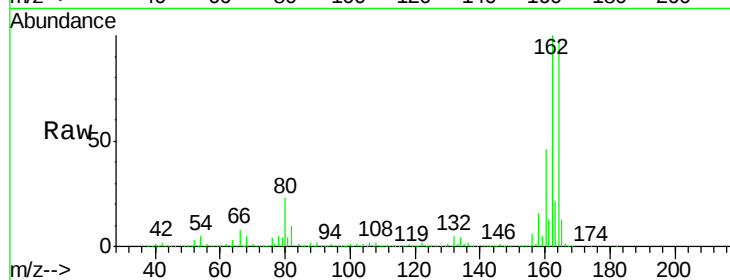
Tgt Ion:164 Resp: 931819

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.2

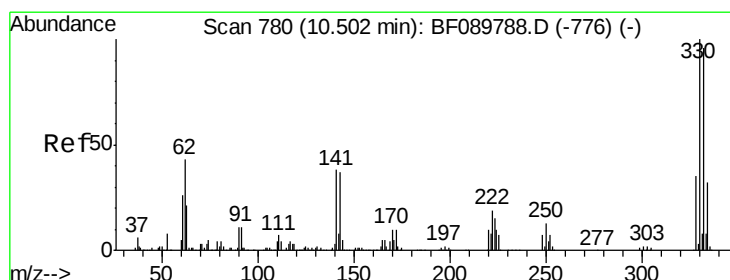
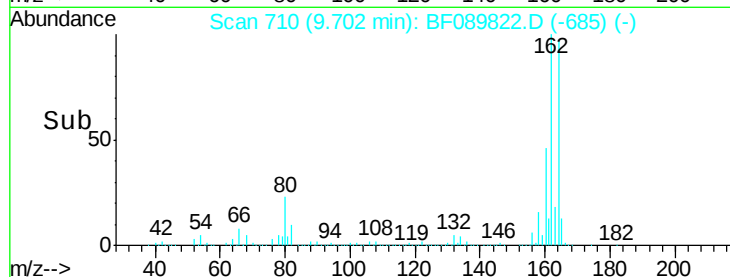
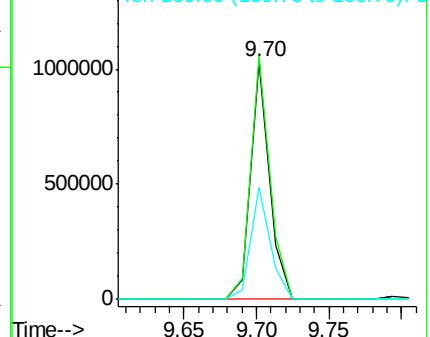
160 47.1 37.8 56.6



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: 111.03 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF089822.D

Acq: 23 Aug 2016 9:39

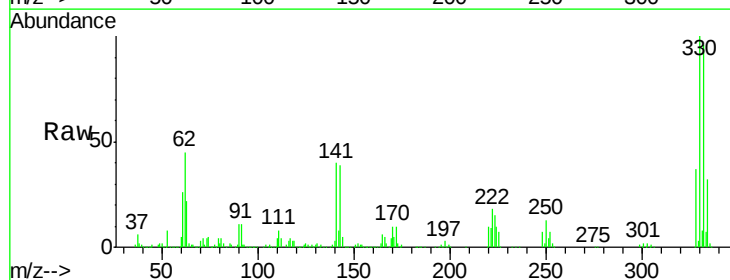
Tgt Ion:330 Resp: 983237

Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

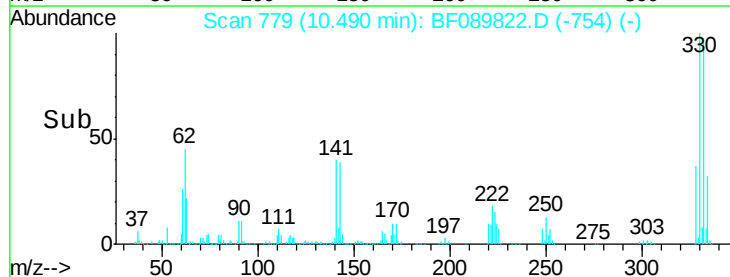
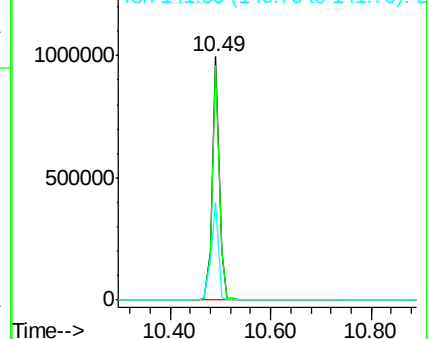
141 41.3 30.2 45.2

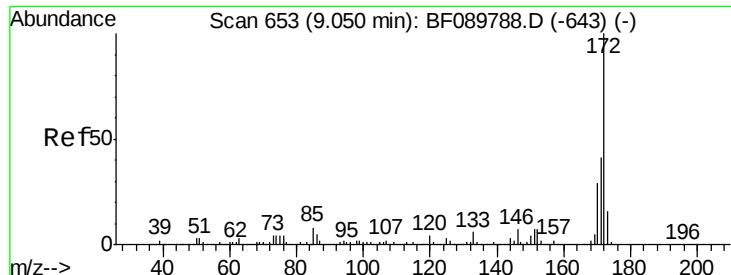


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 79.80 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF089822.D

Acq: 23 Aug 2016 9:39

Instrument :

BNA_F

ClientSampled :

D-1(2-2.5)

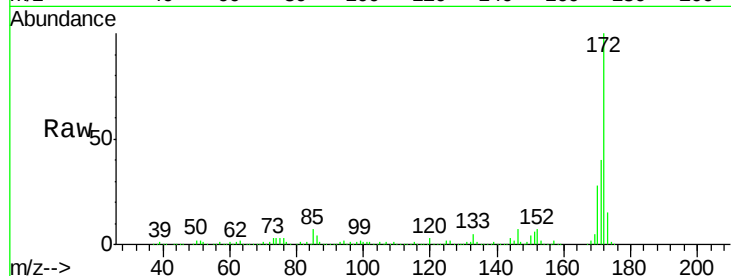
Tgt Ion:172 Resp: 4230909

Ion Ratio Lower Upper

172 100

171 39.7 30.5 45.7

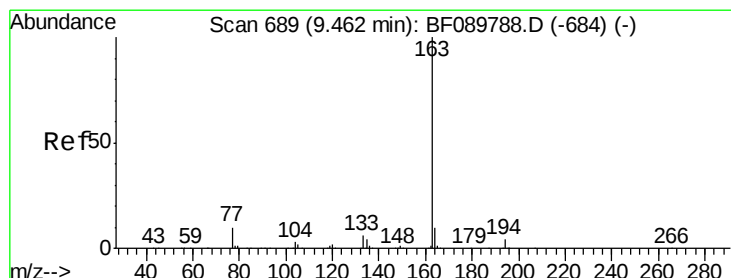
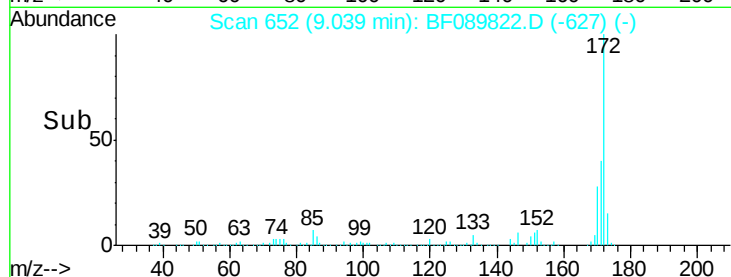
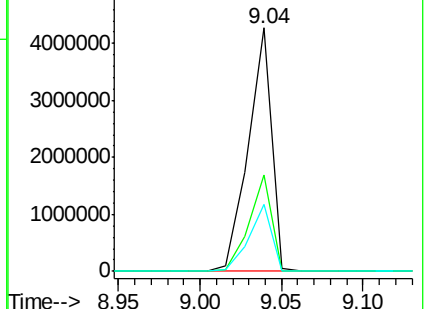
170 27.6 20.6 31.0



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



#49

Dimethylphthalate

Concen: 21.46 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089822.D

Acq: 23 Aug 2016 9:39

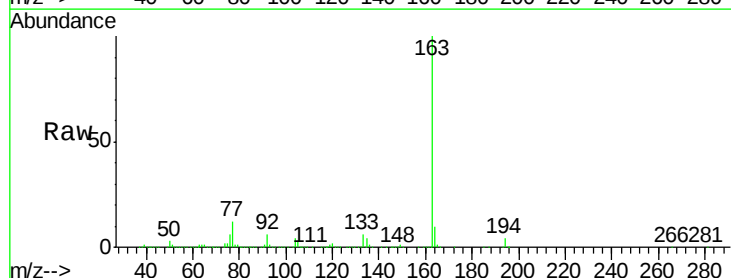
Tgt Ion:163 Resp: 1407924

Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

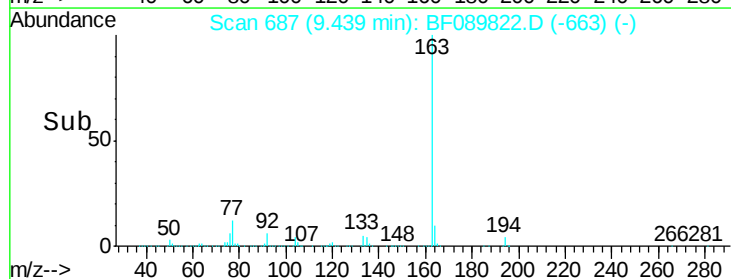
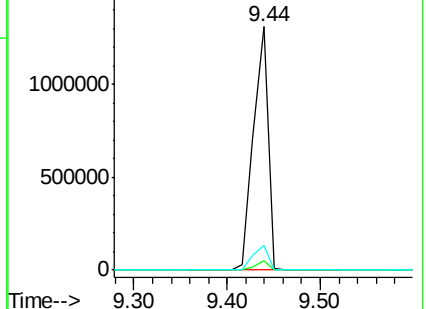
164 9.9 8.6 12.8

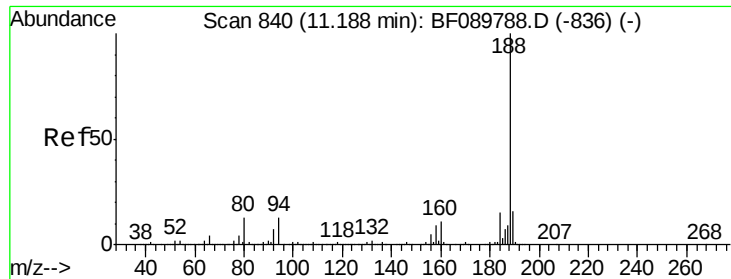


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

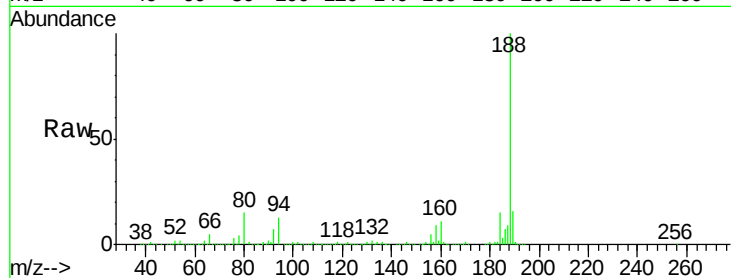




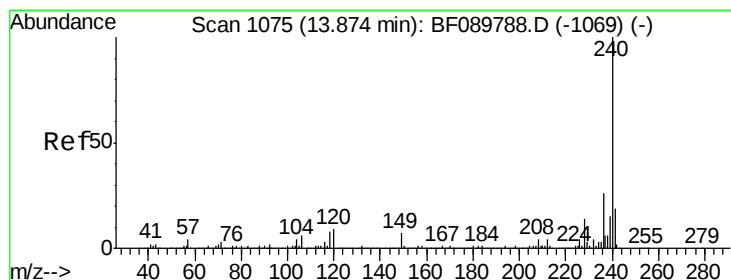
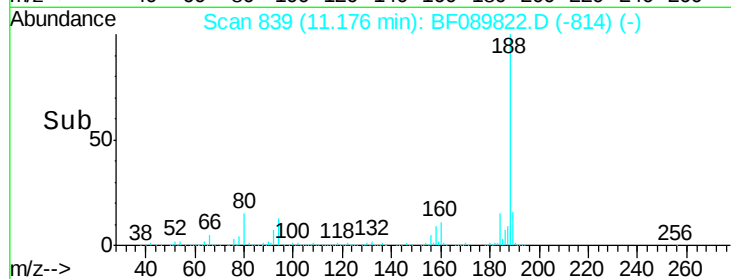
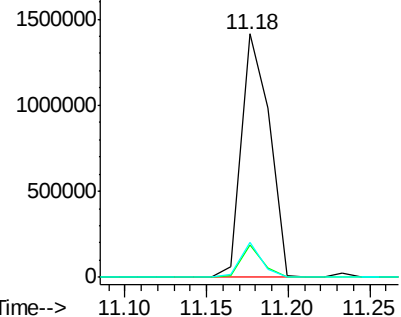
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089822.D
Acq: 23 Aug 2016 9:39

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)

Tgt Ion:188 Resp: 1700753
Ion Ratio Lower Upper
188 100
94 13.4 10.2 15.2
80 14.6 10.9 16.3

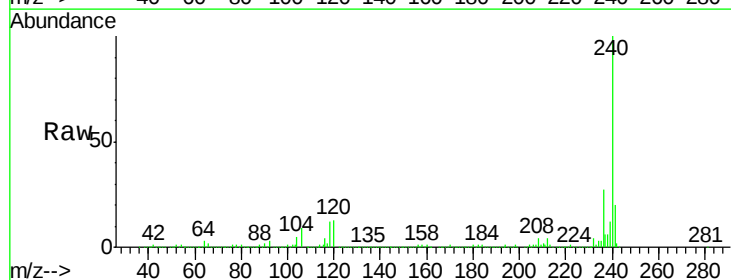


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

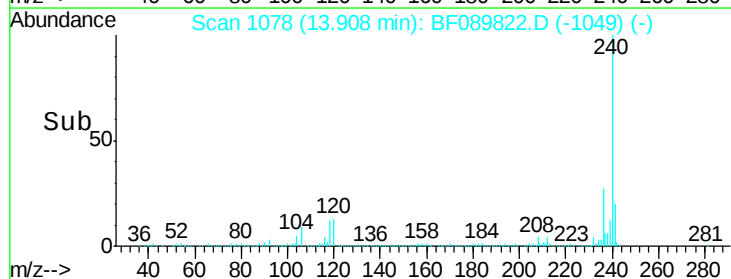
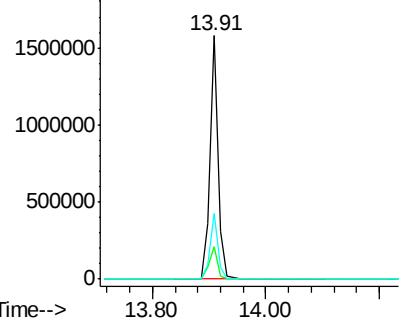


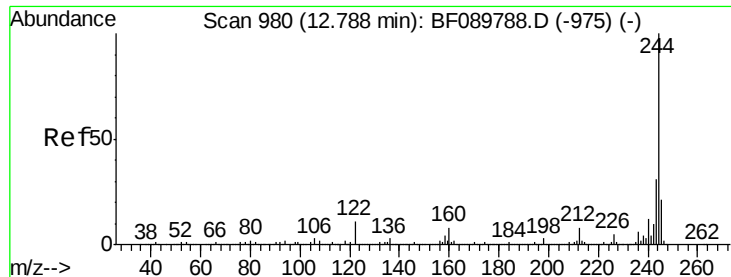
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.03 min
Lab File: BF089822.D
Acq: 23 Aug 2016 9:39

Tgt Ion:240 Resp: 1583017
Ion Ratio Lower Upper
240 100
120 13.4 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: 53.99 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089822.D

Acq: 23 Aug 2016 9:39

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)

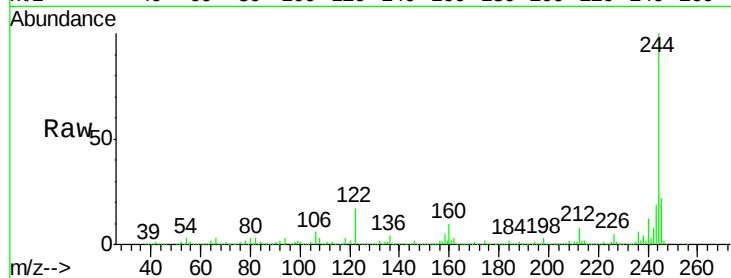
Tgt Ion:244 Resp: 3778061

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

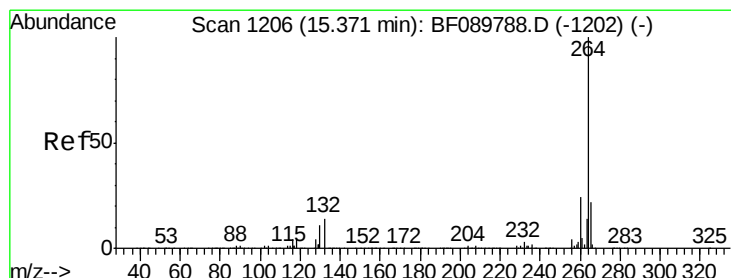
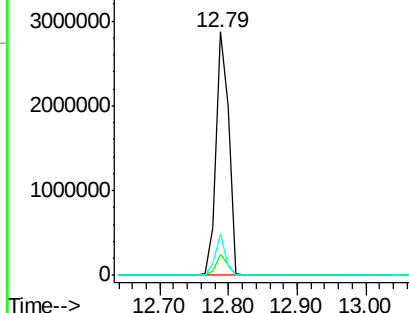
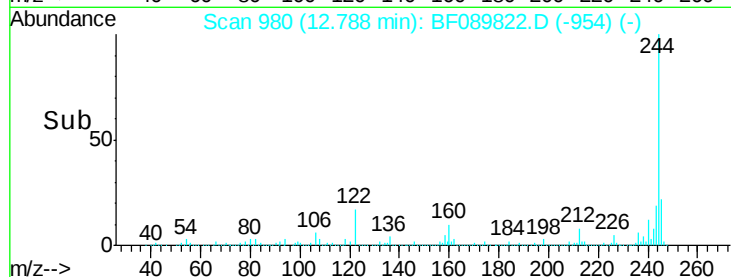
122 17.1 12.0 18.0



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: 15.49 min Scan# 1216

Delta R.T. 0.11 min

Lab File: BF089822.D

Acq: 23 Aug 2016 9:39

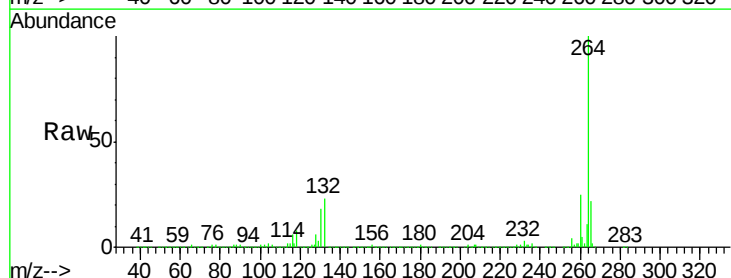
Tgt Ion:264 Resp: 1475831

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

265 22.1 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

