

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089838.D
 Acq On : 23 Aug 2016 16:45
 Operator : UM/SJ
 Sample : H4547-15
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-11(2.5-3)

Quant Time: Aug 25 13:50:01 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

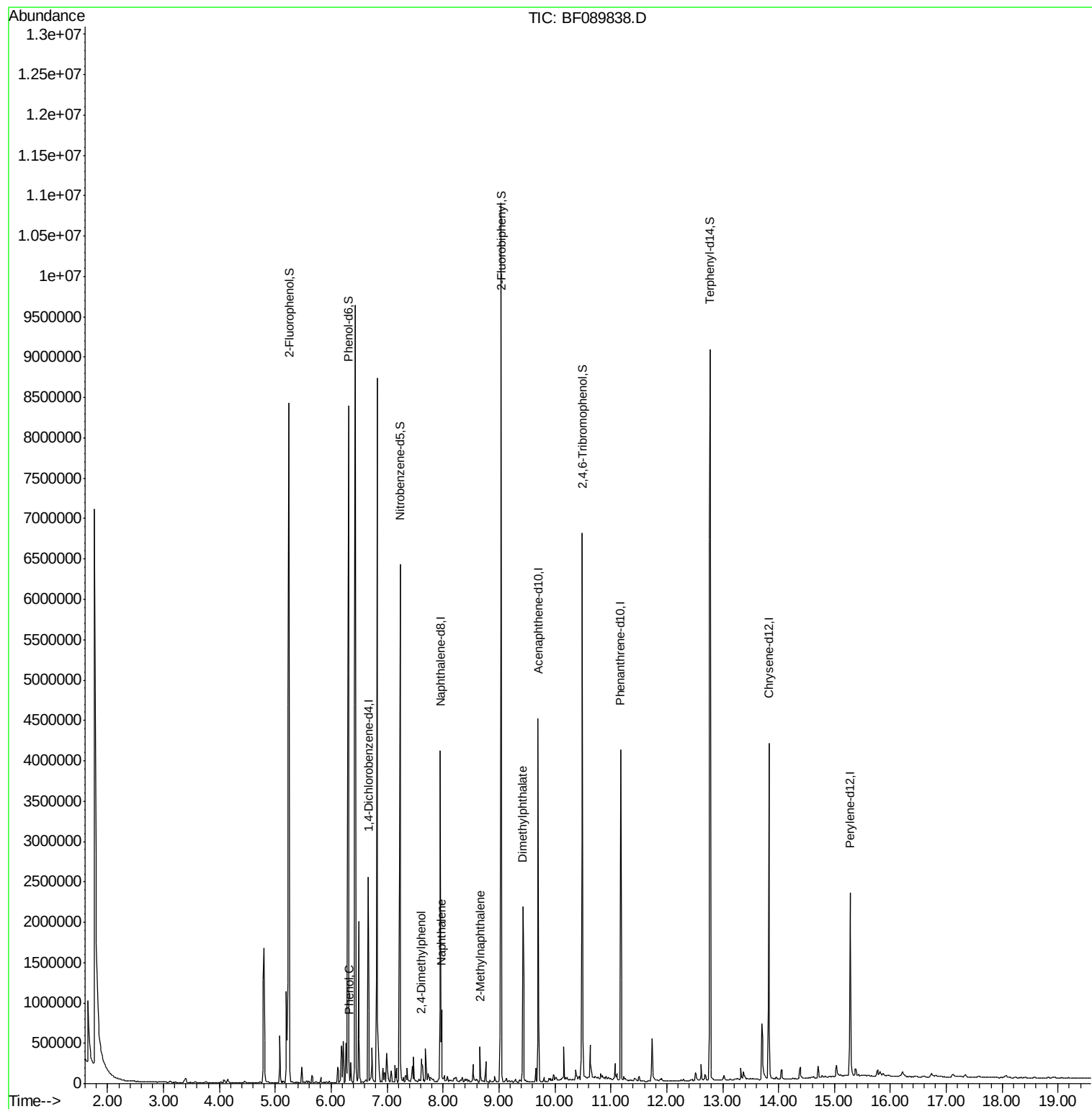
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	418130	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1767247	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	843145	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1517102	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1387878	20.00	ng	-0.05
86) Perylene-d12	15.28	264	1159985	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2948821	120.94	ng	-0.01
7) Phenol-d6	6.31	99	3867727	129.22	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2247786	79.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	910325	113.61	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4002291	83.43	ng	-0.01
78) Terphenyl-d14	12.78	244	3605918	58.78	ng	-0.01
Target Compounds						
10) Phenol	6.32	94	81389	2.32	ng	Qvalue # 70
27) 2,4-Dimethylphenol	7.61	122	61171	2.13	ng	95
31) Naphthalene	7.98	128	430993	5.22	ng	98
37) 2-Methylnaphthalene	8.66	142	116025	2.17	ng	96
49) Dimethylphthalate	9.43	163	1192186	20.08	ng	100

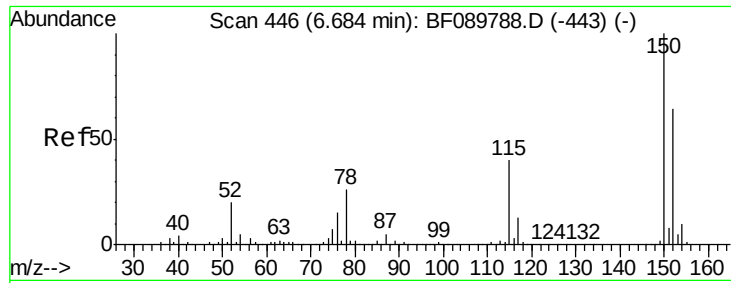
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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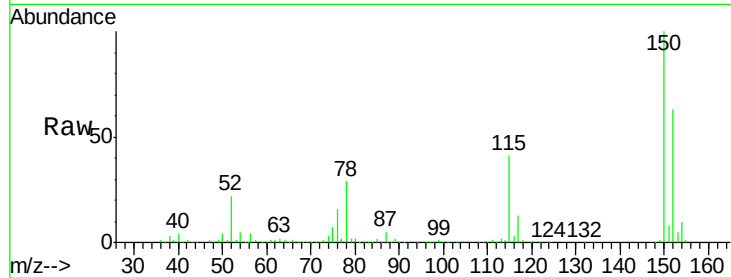




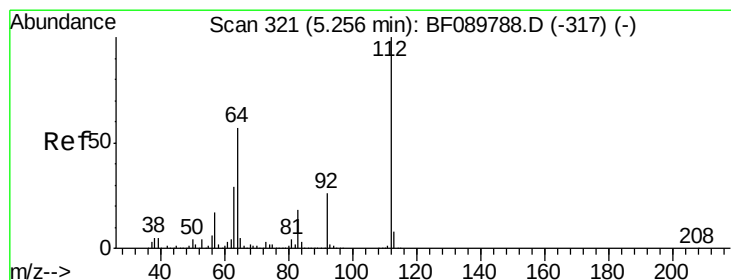
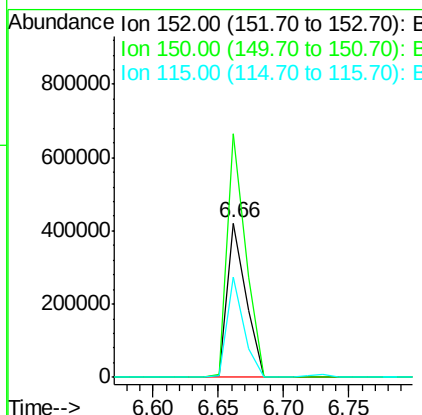
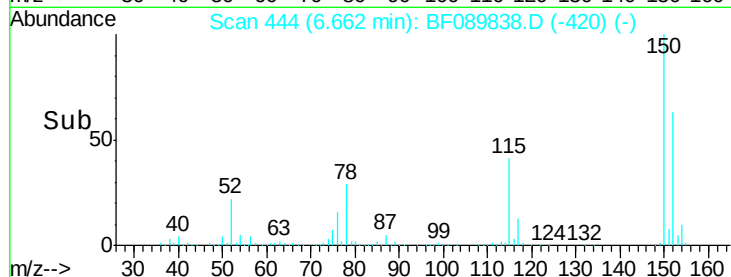
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF089838.D
 Acq: 23 Aug 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :
 D-11(2.5-3)

Tgt Ion:152 Resp: 418130
 Ion Ratio Lower Upper
 152 100
 150 157.9 125.3 187.9
 115 65.3 40.9 61.3#

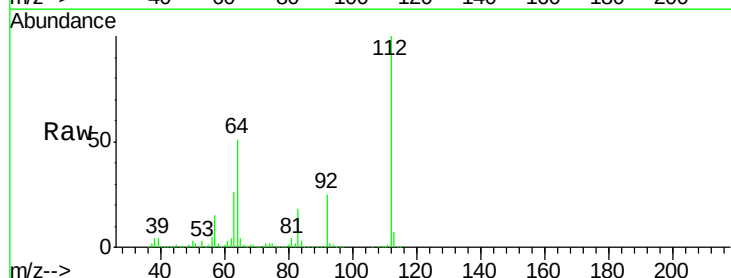


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

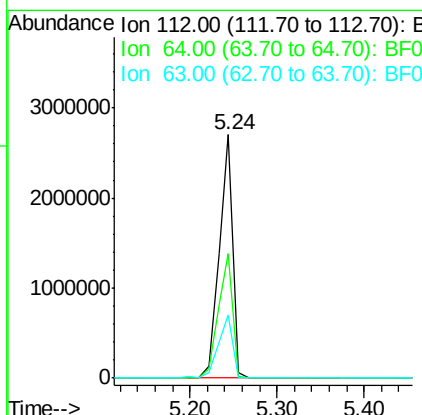
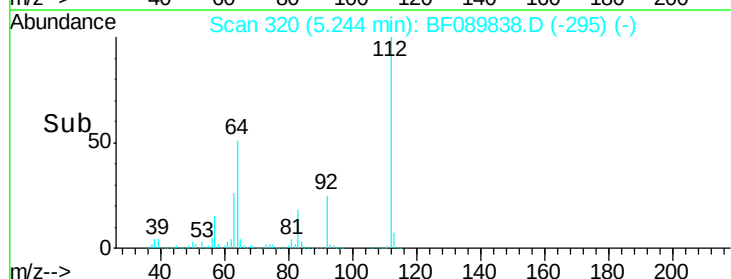


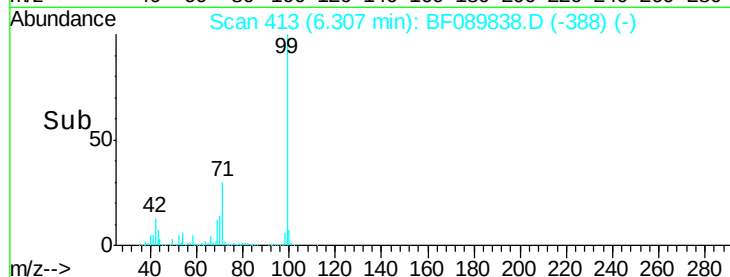
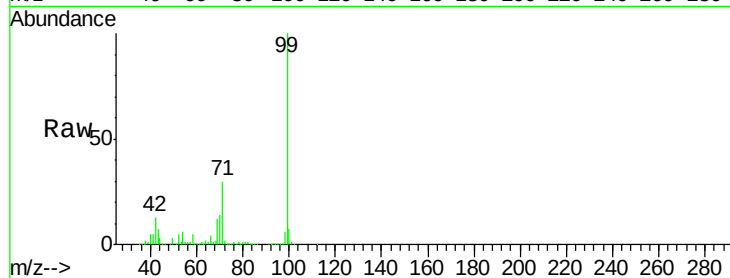
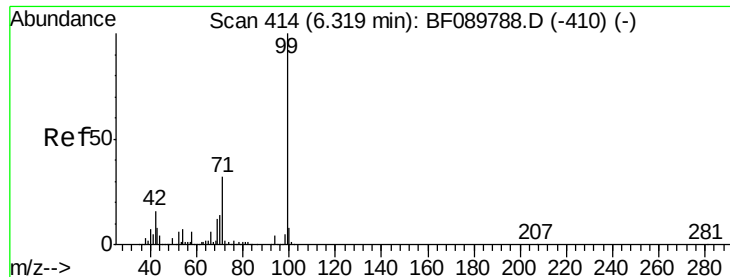
#5
 2-Fluorophenol
 Concen: 120.94 ng
 RT: 5.24 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: BF089838.D
 Acq: 23 Aug 2016 16:45

Tgt Ion:112 Resp: 2948821
 Ion Ratio Lower Upper
 112 100
 64 51.3 45.0 67.4
 63 26.0 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: 129.22 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089838.D

Acq: 23 Aug 2016 16:45

Instrument :

BNA_F

ClientSampleId :

D-11(2.5-3)

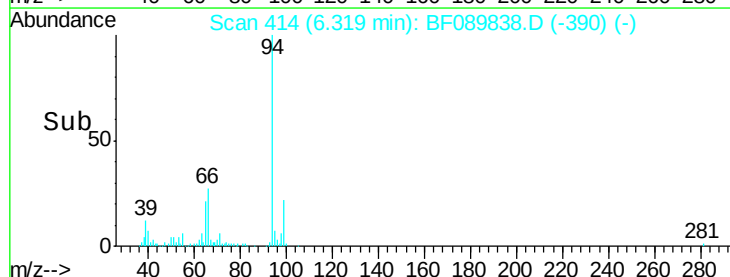
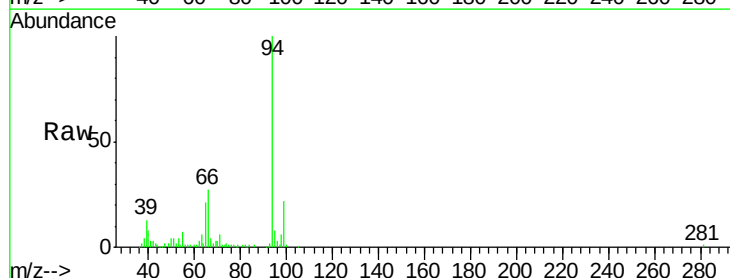
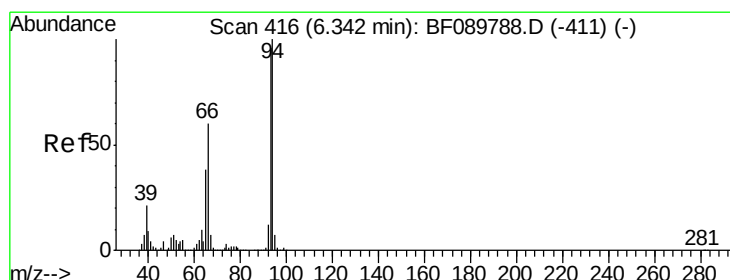
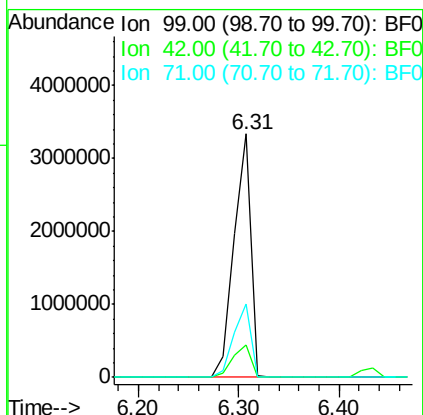
Tgt Ion: 99 Resp: 3867727

Ion Ratio Lower Upper

99 100

42 13.3 12.2 18.4

71 30.3 23.8 35.8



#10

Phenol

Concen: 2.32 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089838.D

Acq: 23 Aug 2016 16:45

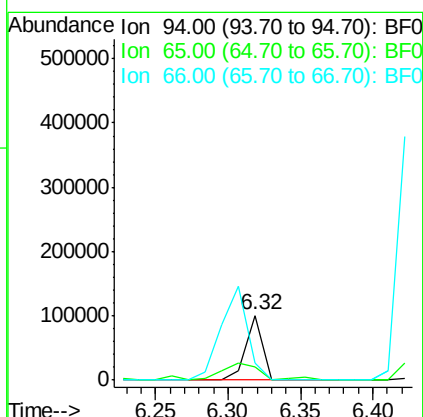
Tgt Ion: 94 Resp: 81389

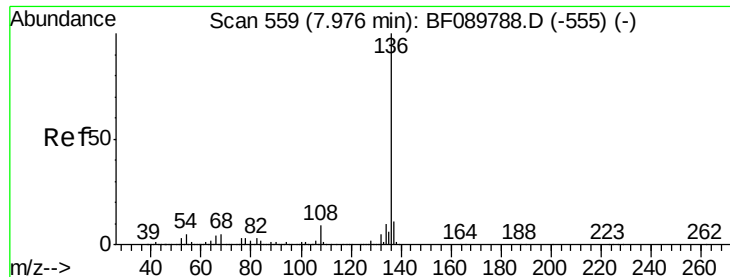
Ion Ratio Lower Upper

94 100

65 20.8 14.0 54.0

66 26.9 31.2 71.2#

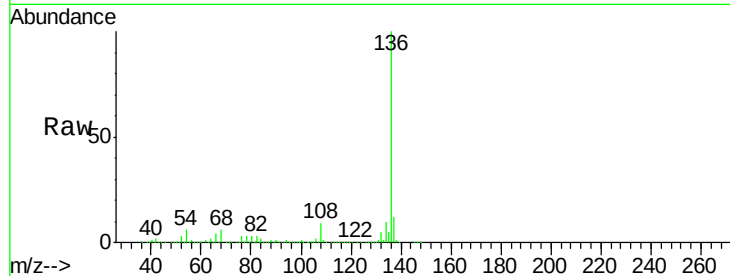




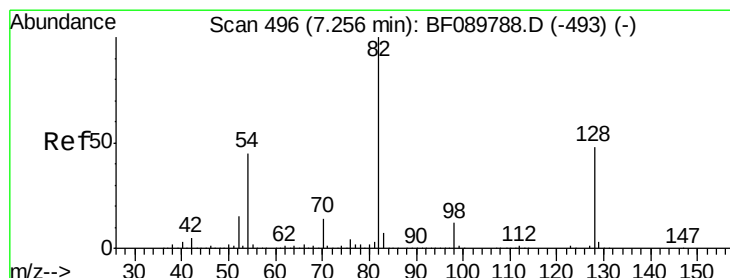
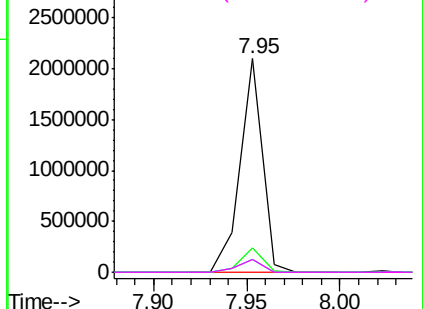
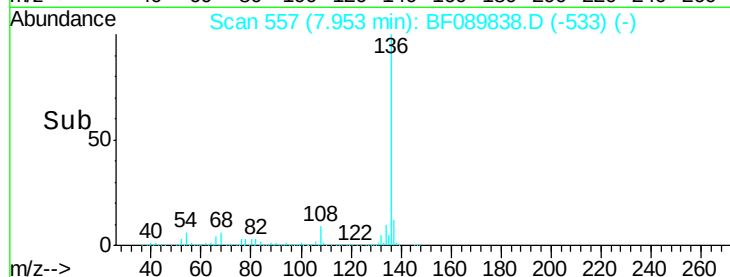
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089838.D
Acq: 23 Aug 2016 16:45

Instrument :
BNA_F
ClientSampleId :
D-11(2.5-3)

Tgt Ion:	136	Resp:	1767247
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.0	7.2	10.8#
68	5.7	5.8	8.8#

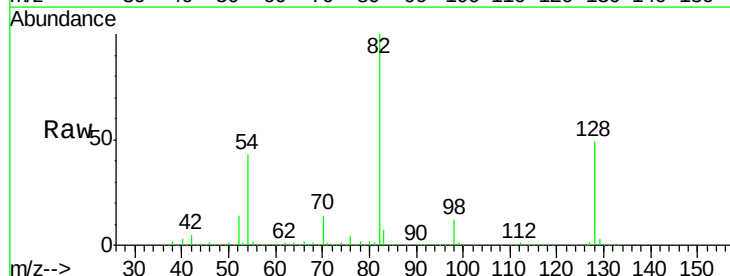


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

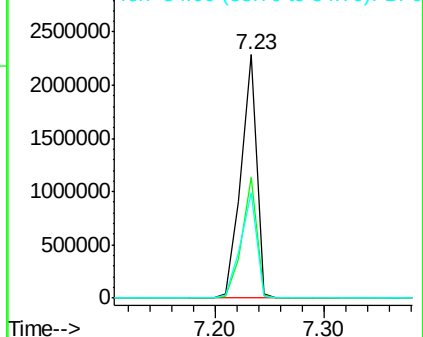
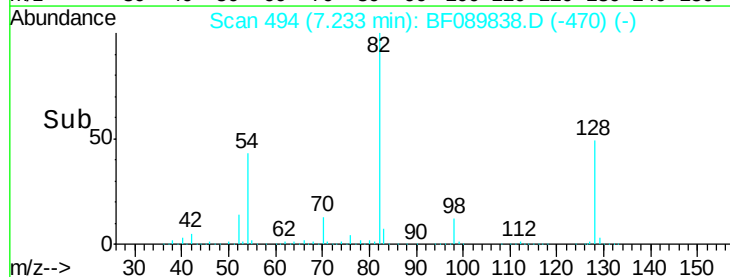


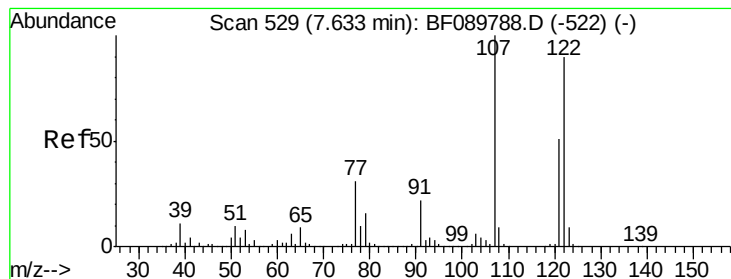
#23
Nitrobenzene-d5
Concen: 79.02 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF089838.D
Acq: 23 Aug 2016 16:45

Tgt Ion:	82	Resp:	2247786
Ion	Ratio	Lower	Upper
82	100		
128	49.4	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





#27

2,4-Dimethylphenol

Concen: 2.13 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF089838.D

Acq: 23 Aug 2016 16:45

Instrument :

BNA_F

ClientSampleId :

D-11(2.5-3)

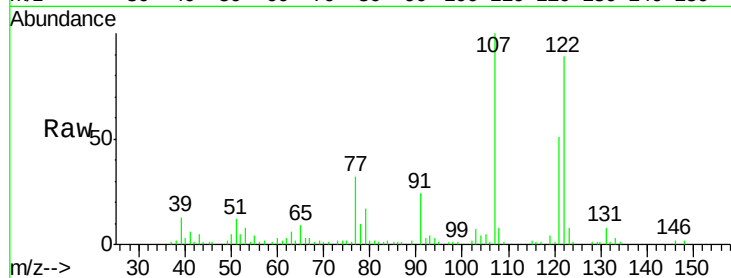
Tgt Ion:122 Resp: 61171

Ion Ratio Lower Upper

122 100

107 112.1 84.8 127.2

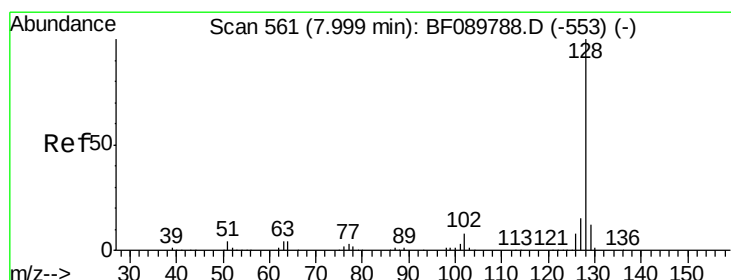
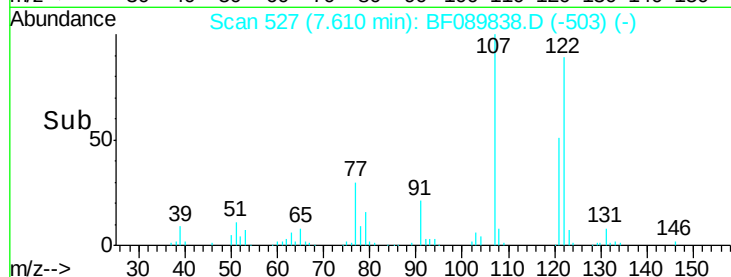
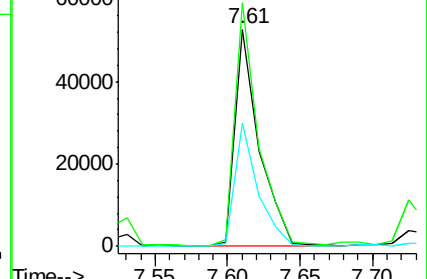
121 56.6 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 5.22 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089838.D

Acq: 23 Aug 2016 16:45

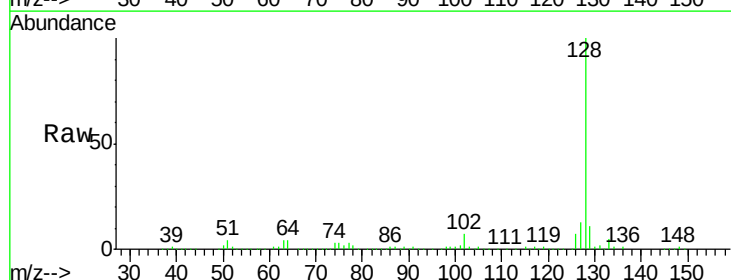
Tgt Ion:128 Resp: 430993

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

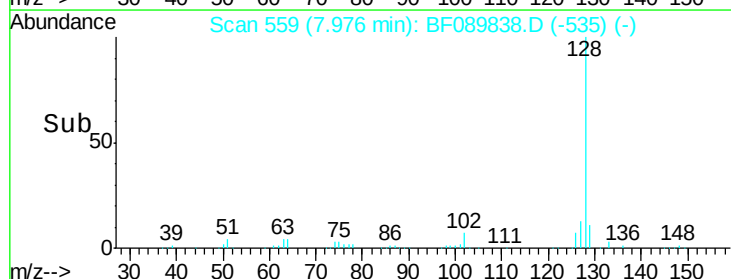
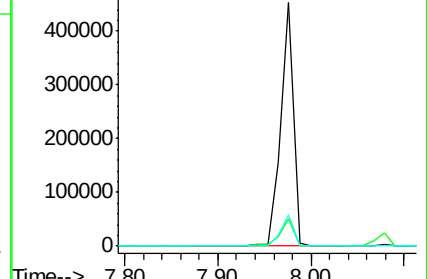
127 13.0 11.3 16.9

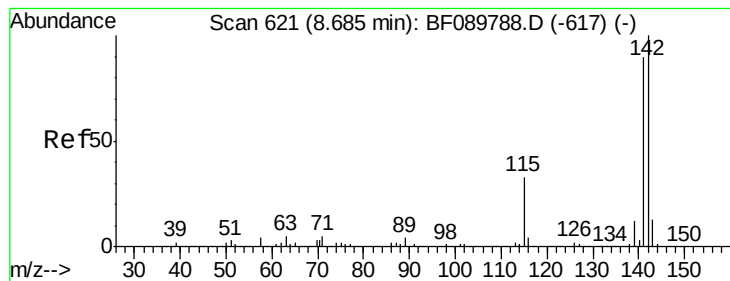


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 2.17 ng

RT: 8.66 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF089838.D

Acq: 23 Aug 2016 16:45

Instrument :

BNA_F

ClientSampleId :

D-11(2.5-3)

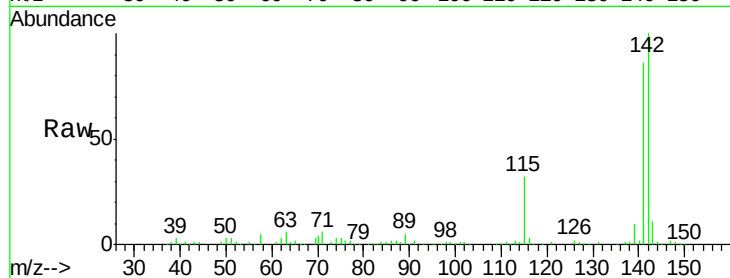
Tgt Ion:142 Resp: 116025

Ion Ratio Lower Upper

142 100

141 86.4 71.4 107.2

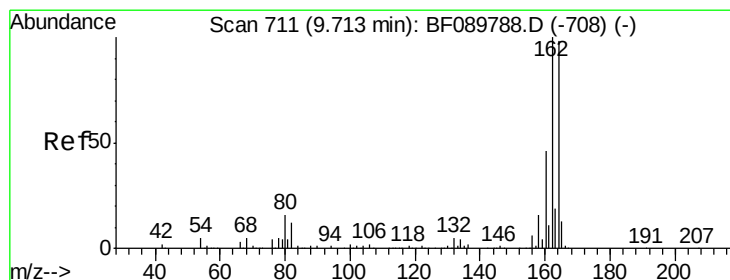
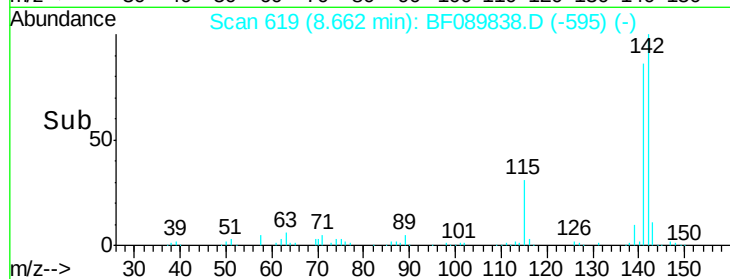
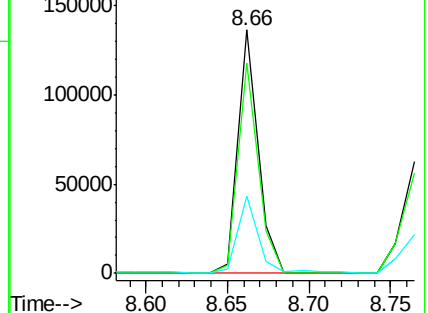
115 31.9 22.7 34.1



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: BF089838.D

Acq: 23 Aug 2016 16:45

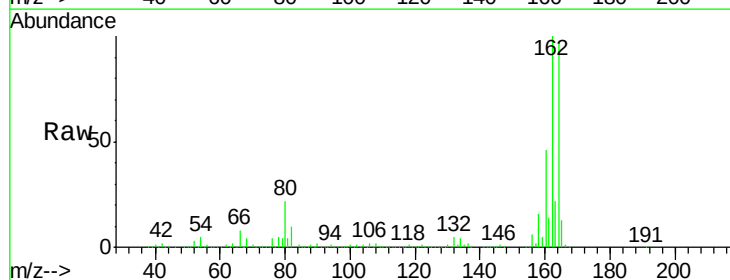
Tgt Ion:164 Resp: 843145

Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.2

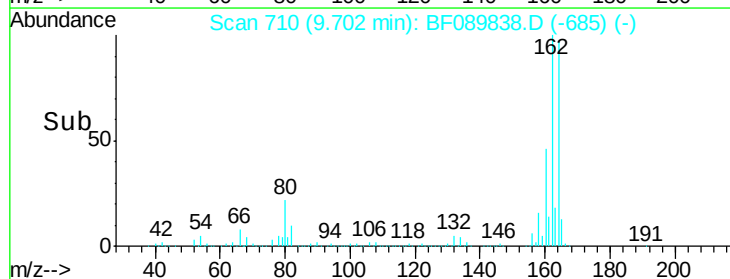
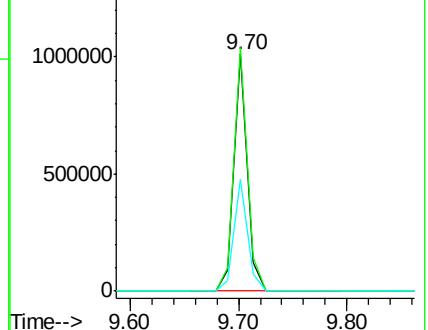
160 47.4 37.8 56.6

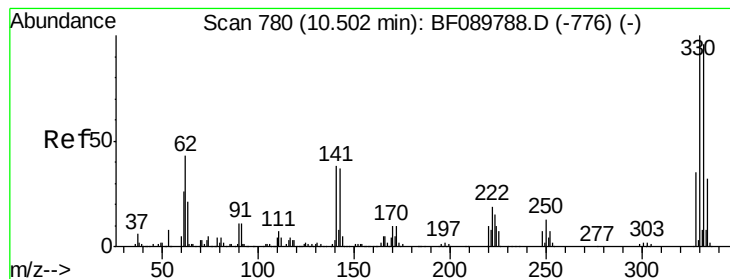


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

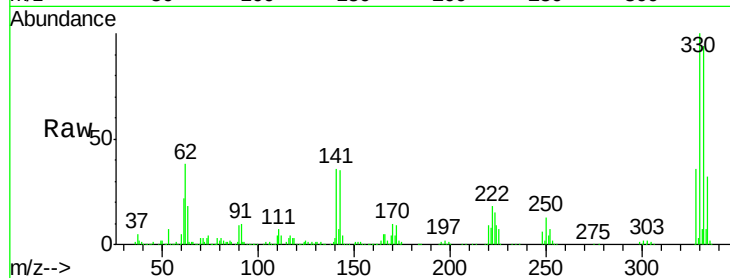




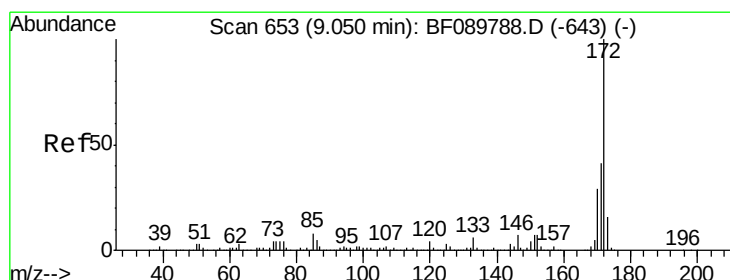
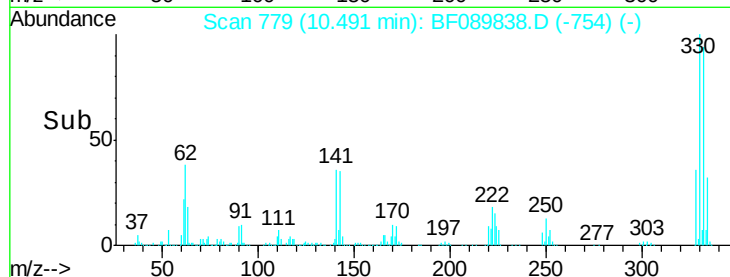
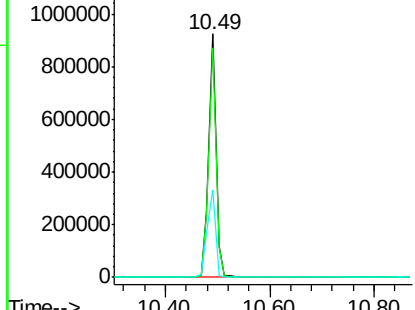
#41
 2,4,6-Tribromophenol
 Concen: 113.61 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089838.D
 Acq: 23 Aug 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :
 D-11(2.5-3)

Tgt Ion:330 Resp: 910325
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.7 115.1
 141 39.5 30.2 45.2

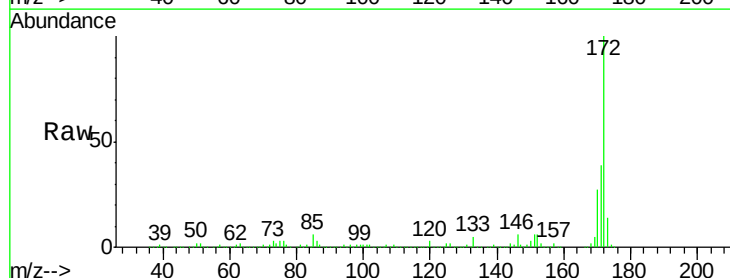


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

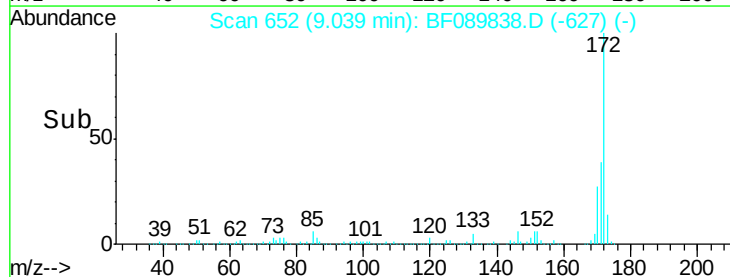
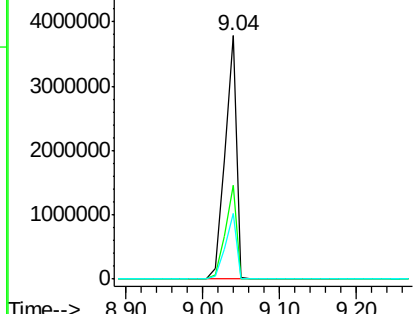


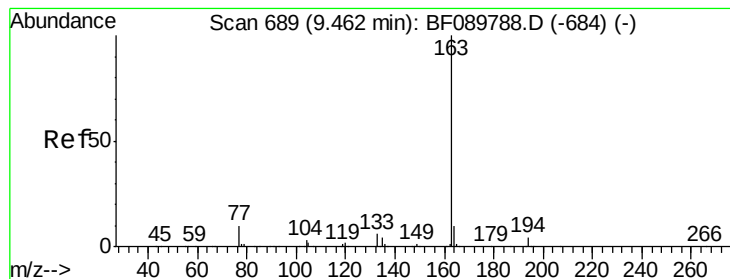
#44
 2-Fluorobiphenyl
 Concen: 83.43 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089838.D
 Acq: 23 Aug 2016 16:45

Tgt Ion:172 Resp: 4002291
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.5 45.7
 170 27.1 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: 20.08 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF089838.D

Acq: 23 Aug 2016 16:45

Instrument :

BNA_F

ClientSampleId :

D-11(2.5-3)

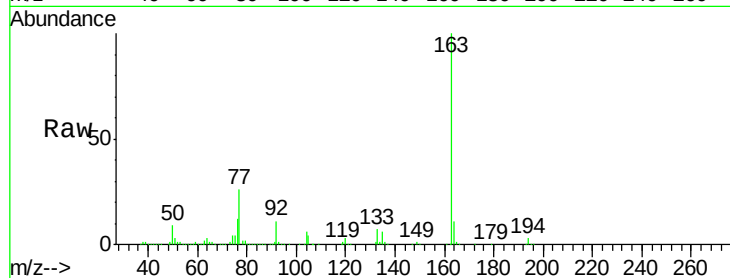
Tgt Ion:163 Resp: 1192186

Ion Ratio Lower Upper

163 100

194 2.8 2.6 3.8

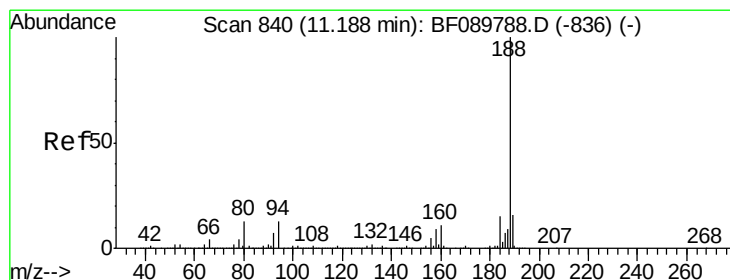
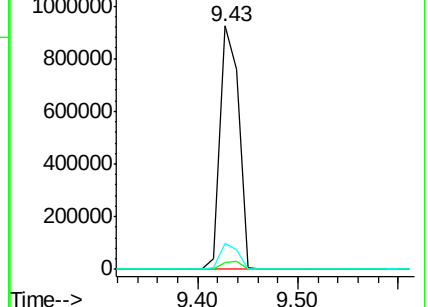
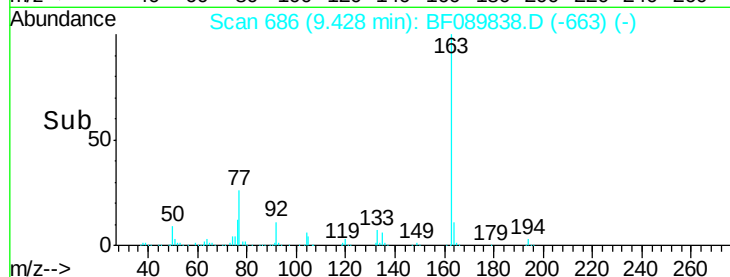
164 10.7 8.6 12.8



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: BF089838.D

Acq: 23 Aug 2016 16:45

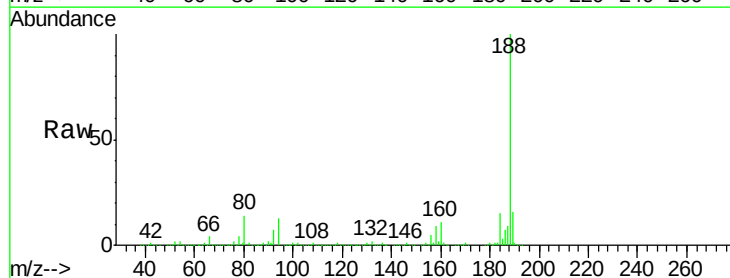
Tgt Ion:188 Resp: 1517102

Ion Ratio Lower Upper

188 100

94 12.9 10.2 15.2

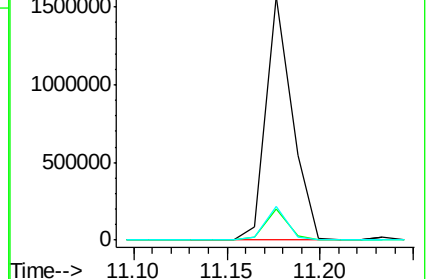
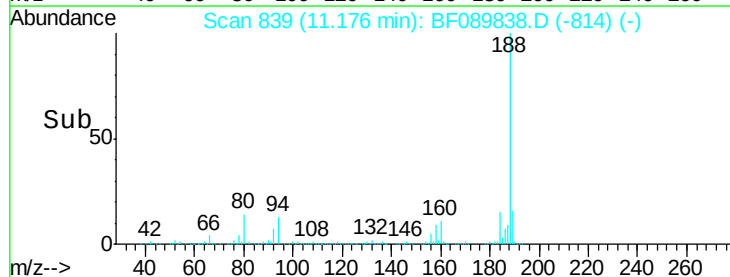
80 13.7 10.9 16.3

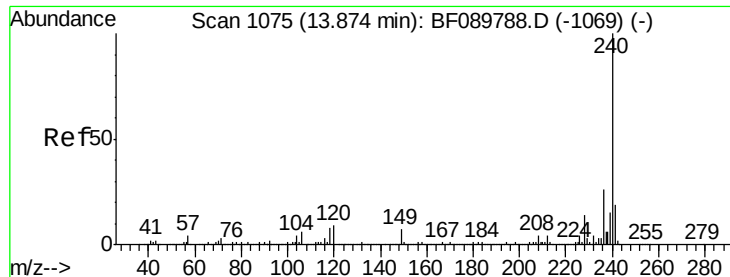


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF089838.D

Acq: 23 Aug 2016 16:45

Instrument :

BNA_F

ClientSampleId :

D-11(2.5-3)

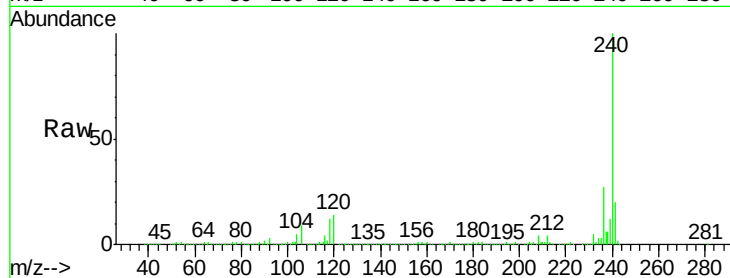
Tgt Ion:240 Resp: 1387878

Ion Ratio Lower Upper

240 100

120 13.8 8.3 12.5#

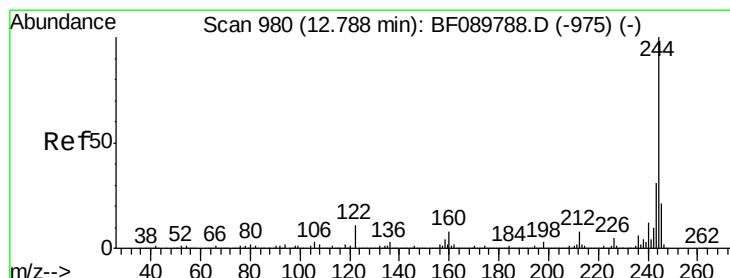
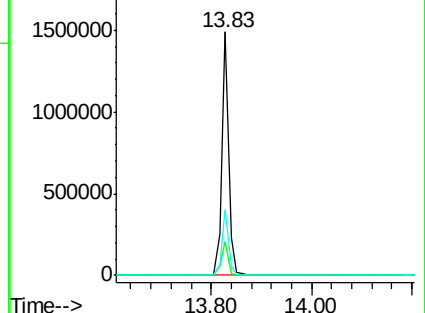
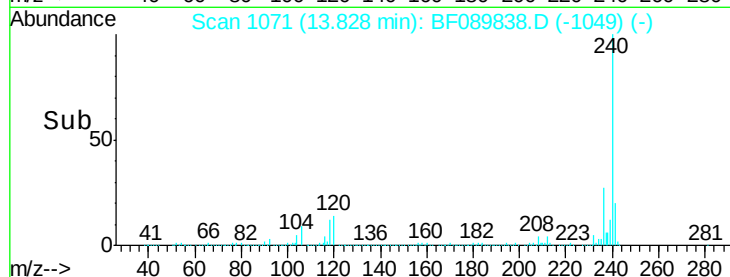
236 27.1 21.3 31.9



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: 58.78 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089838.D

Acq: 23 Aug 2016 16:45

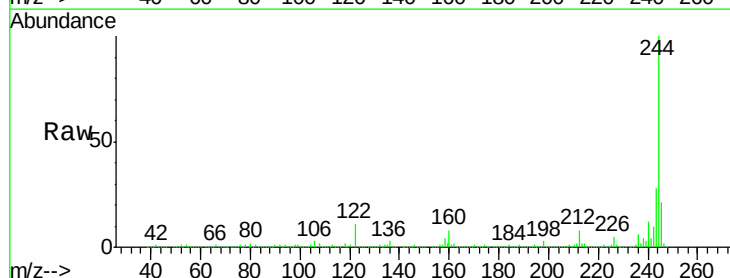
Tgt Ion:244 Resp: 3605918

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

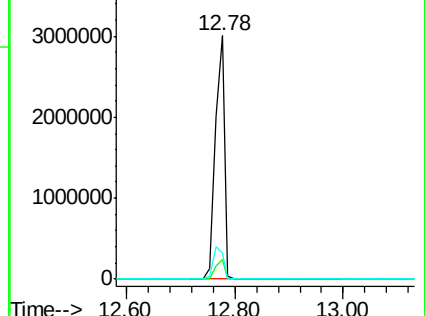
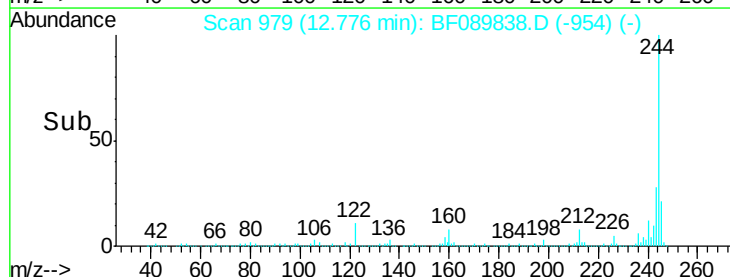
122 10.7 12.0 18.0#

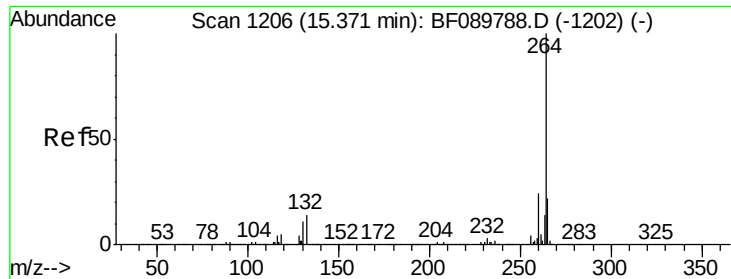


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



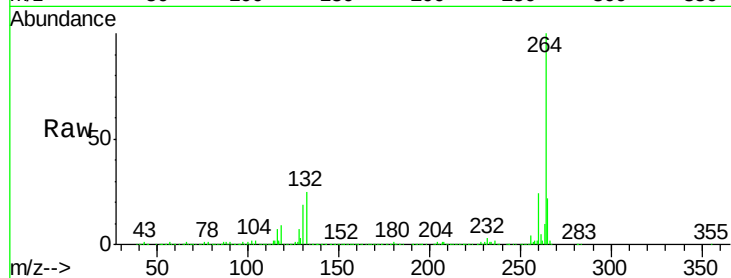


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1198
Delta R.T. -0.09 min
Lab File: BF089838.D
Acq: 23 Aug 2016 16:45

Instrument :
BNA_F
ClientSampleId :
D-11(2.5-3)

Tgt Ion:264 Resp: 1159985

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	22.4	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

