

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089837.D
 Acq On : 23 Aug 2016 16:18
 Operator : UM/SJ
 Sample : H4547-14
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-11(2-2.5)

Quant Time: Aug 25 13:47:41 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

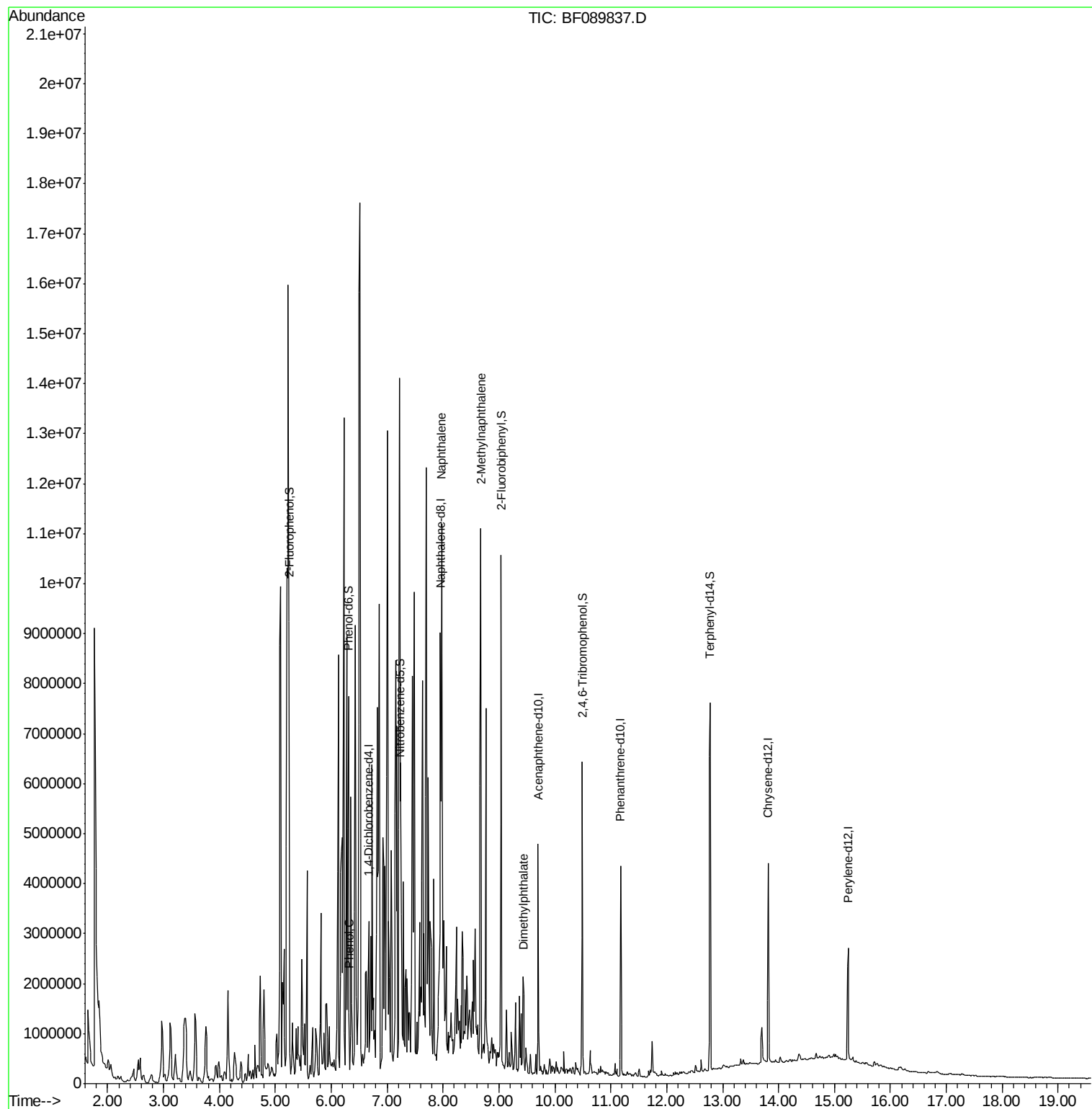
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	444954	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1659241	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	858639	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1501602	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	1402781	20.00	ng	-0.06
86) Perylene-d12	15.25	264	1194993	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2385864	91.95	ng	-0.01
7) Phenol-d6	6.31	99	3272575	102.75	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1878947	70.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	823517	100.92	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3622555	74.15	ng	-0.01
78) Terphenyl-d14	12.78	244	3244019	52.32	ng	-0.01
Target Compounds						
10) Phenol	6.32	94	114404	3.06	ng	Qvalue 84
31) Naphthalene	7.98	128	5415568	69.83	ng	96
37) 2-Methylnaphthalene	8.67	142	3419785	68.17	ng	97
49) Dimethylphthalate	9.44	163	1177677	19.48	ng	97

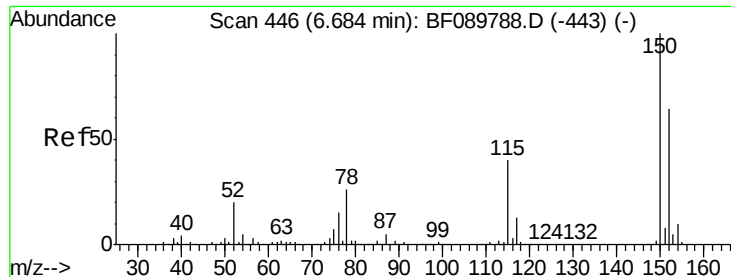
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF089837.D

Acq: 23 Aug 2016 16:18

Instrument :

BNA_F

ClientSampleId :

D-11(2-2.5)

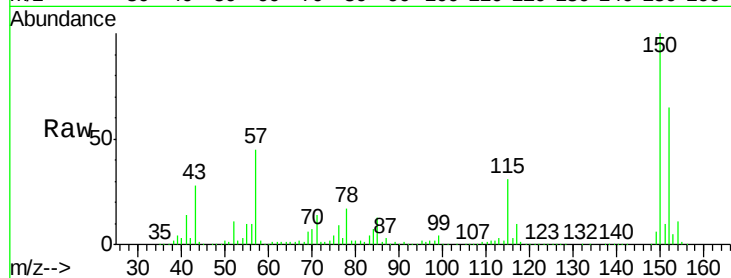
Tgt Ion:152 Resp: 444954

Ion Ratio Lower Upper

152 100

150 153.1 125.3 187.9

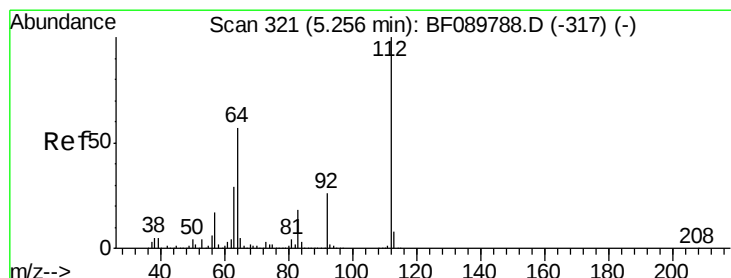
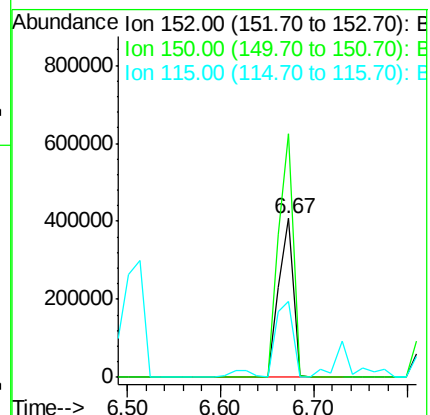
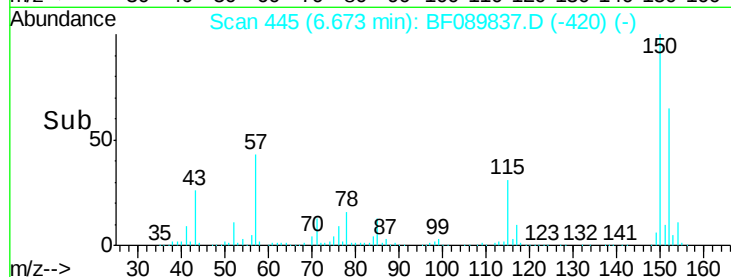
115 47.9 40.9 61.3



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: 91.95 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089837.D

Acq: 23 Aug 2016 16:18

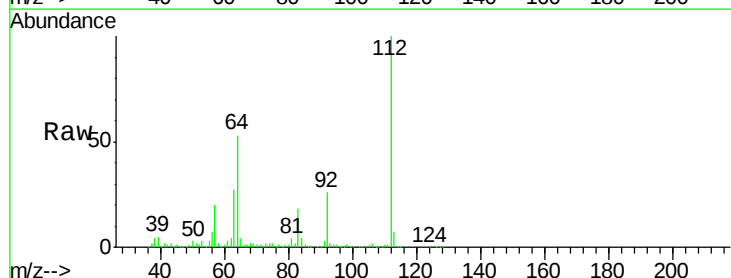
Tgt Ion:112 Resp: 2385864

Ion Ratio Lower Upper

112 100

64 52.9 45.0 67.4

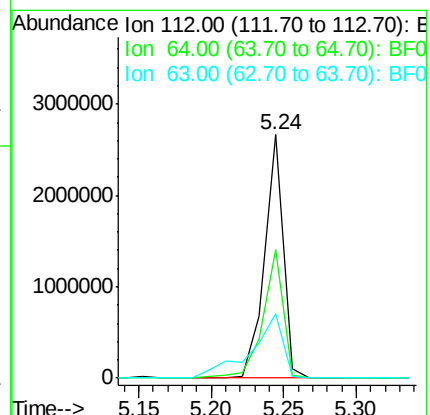
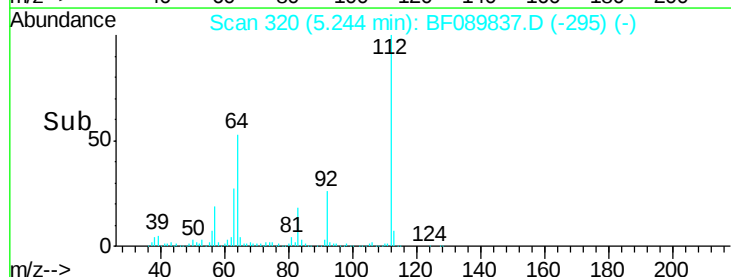
63 26.6 23.1 34.7



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: 102.75 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089837.D

Acq: 23 Aug 2016 16:18

Instrument :

BNA_F

ClientSampleId :

D-11(2-2.5)

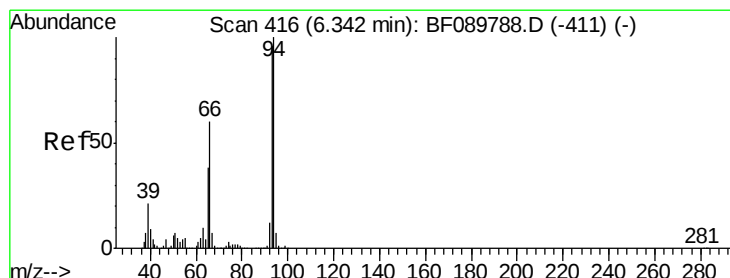
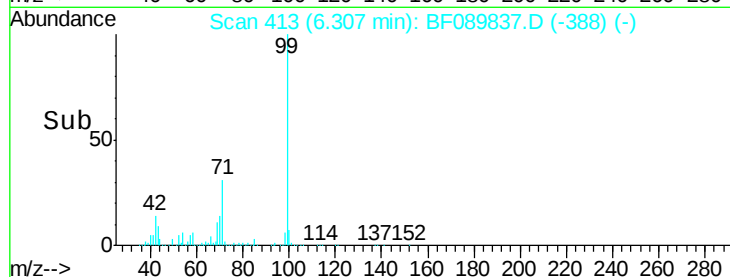
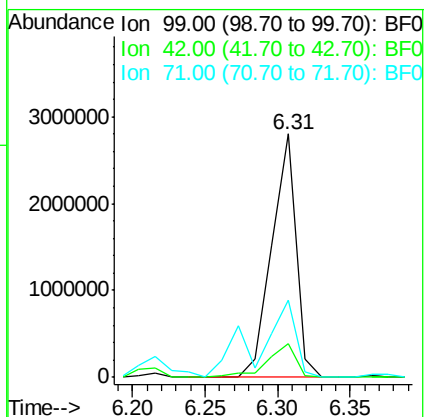
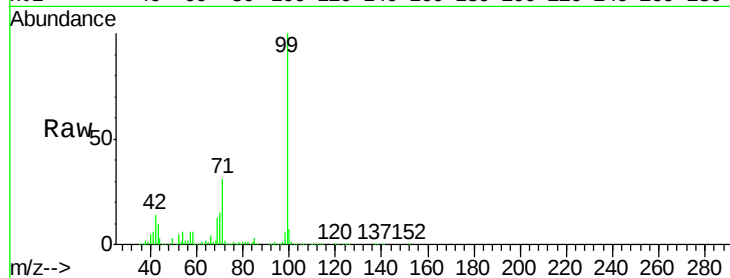
Tgt Ion: 99 Resp: 3272575

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.4

71 31.5 23.8 35.8



#10

Phenol

Concen: 3.06 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089837.D

Acq: 23 Aug 2016 16:18

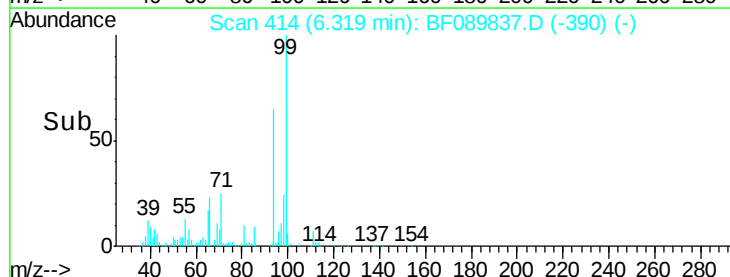
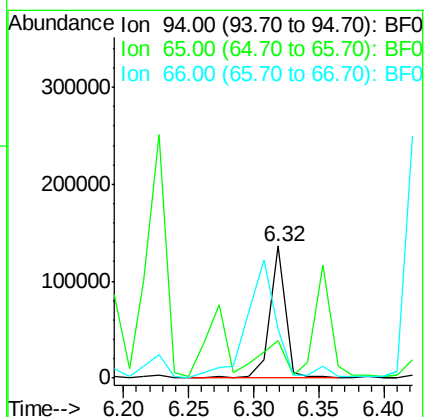
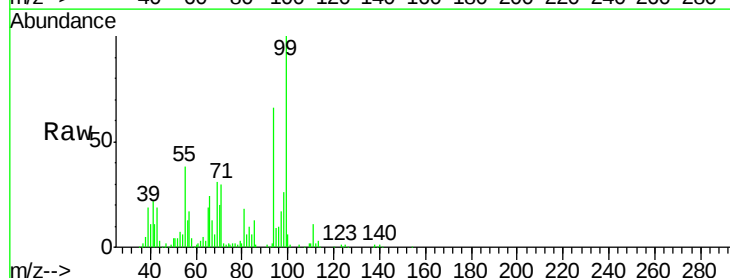
Tgt Ion: 94 Resp: 114404

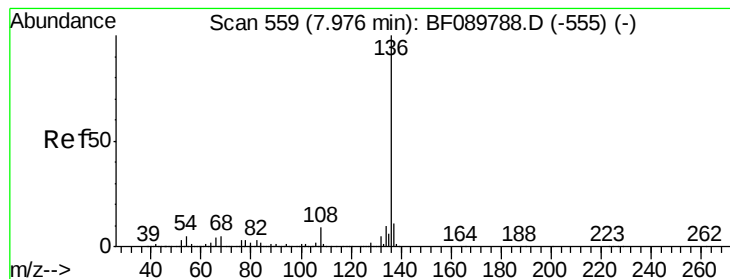
Ion Ratio Lower Upper

94 100

65 28.6 14.0 54.0

66 37.1 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: BF089837.D

Acq: 23 Aug 2016 16:18

Instrument :

BNA_F

ClientSampleId :

D-11(2-2.5)

Tgt Ion:136 Resp: 1659241

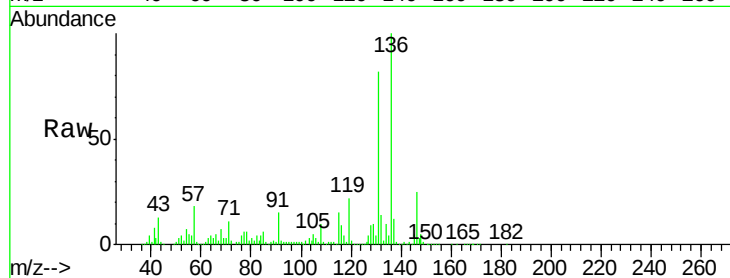
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 7.4 7.2 10.8

68 7.0 5.8 8.8

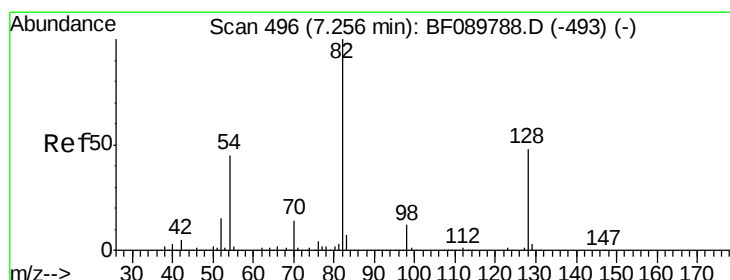
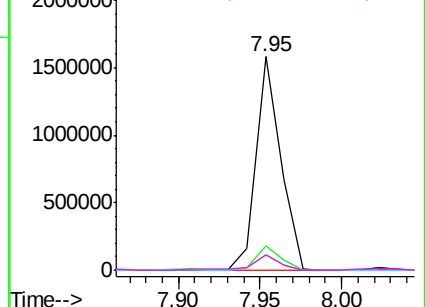
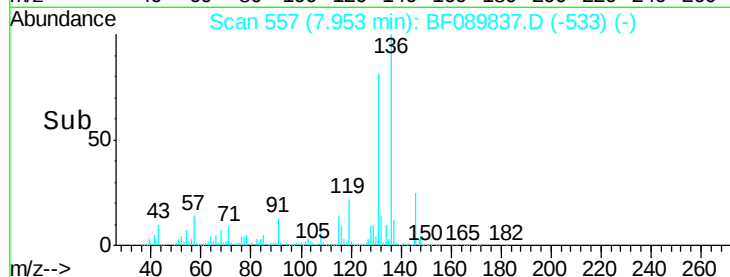


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.35 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089837.D

Acq: 23 Aug 2016 16:18

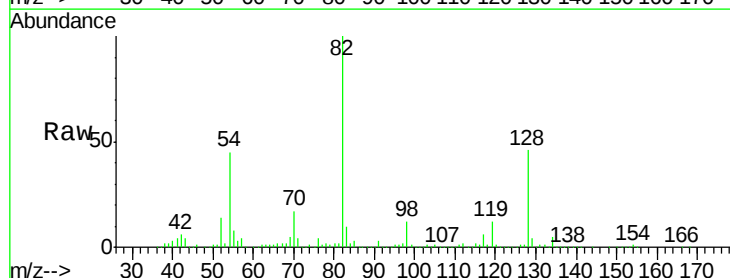
Tgt Ion: 82 Resp: 1878947

Ion Ratio Lower Upper

82 100

128 45.6 34.4 51.6

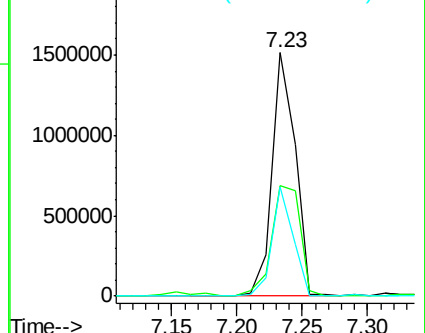
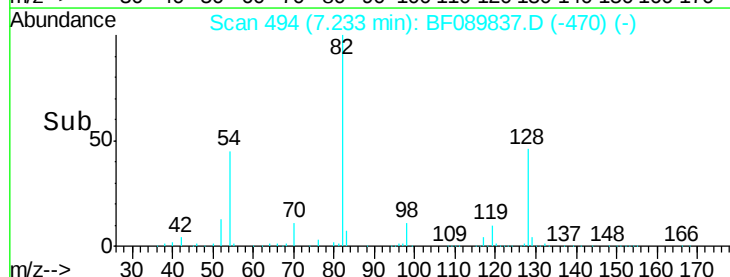
54 45.0 40.3 60.5

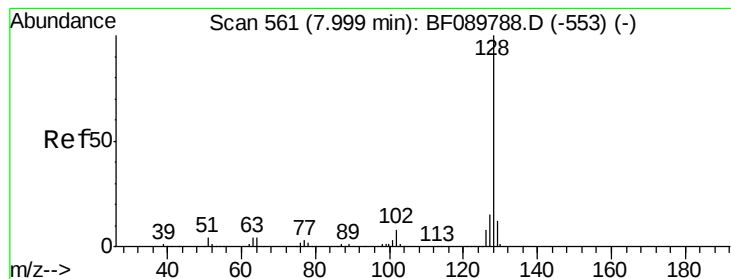


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 69.83 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089837.D

Acq: 23 Aug 2016 16:18

Instrument :

BNA_F

ClientSampled :

D-11(2-2.5)

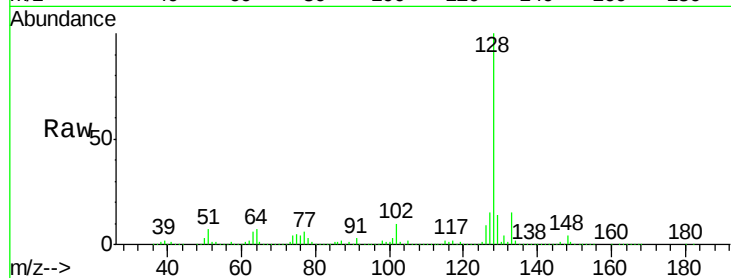
Tgt Ion:128 Resp: 5415568

Ion Ratio Lower Upper

128 100

129 13.8 9.5 14.3

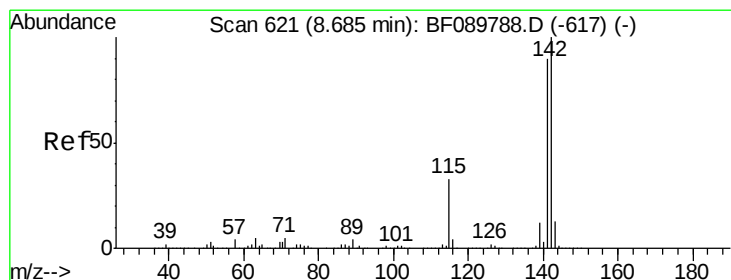
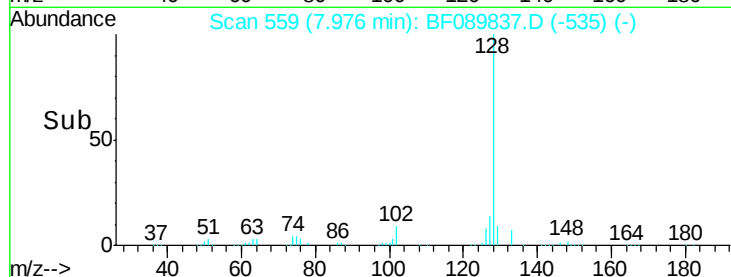
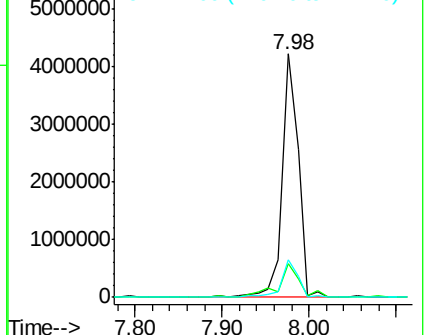
127 15.3 11.3 16.9



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: 68.17 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF089837.D

Acq: 23 Aug 2016 16:18

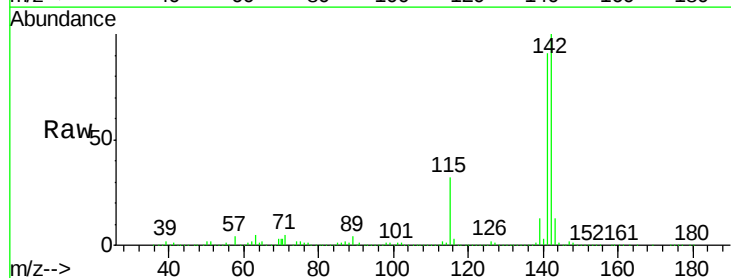
Tgt Ion:142 Resp: 3419785

Ion Ratio Lower Upper

142 100

141 90.6 71.4 107.2

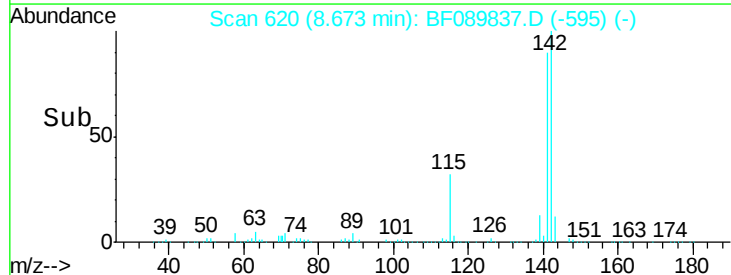
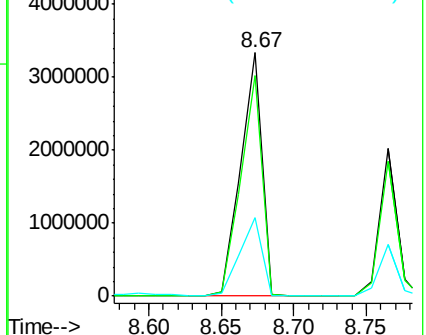
115 32.2 22.7 34.1

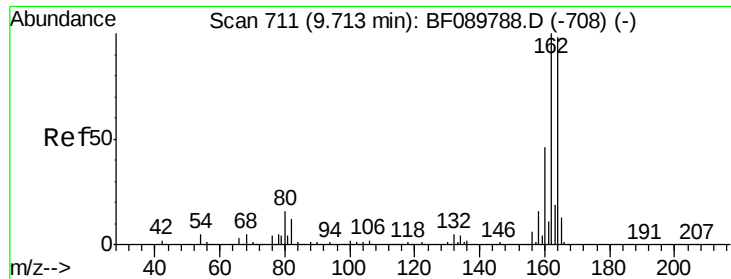


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

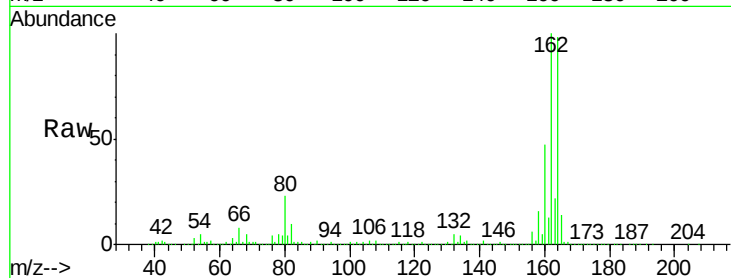




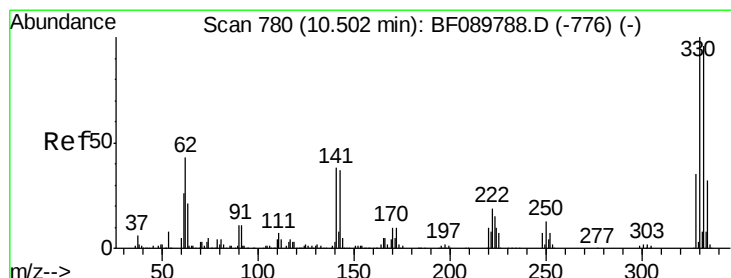
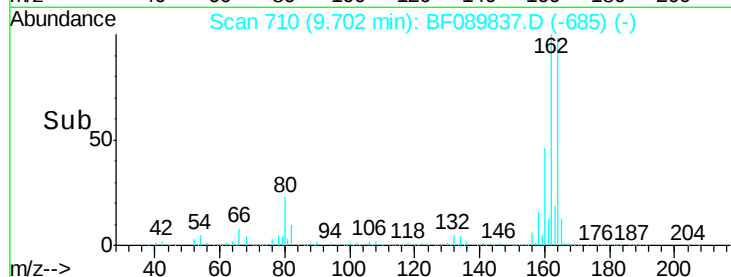
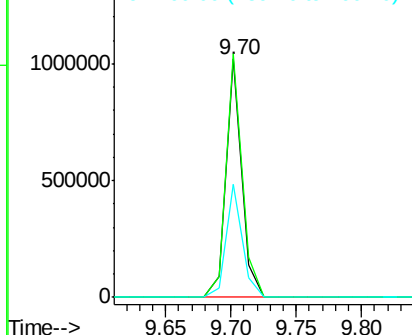
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089837.D
 Acq: 23 Aug 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 D-11(2-2.5)

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.2
160	47.5	37.8	56.6

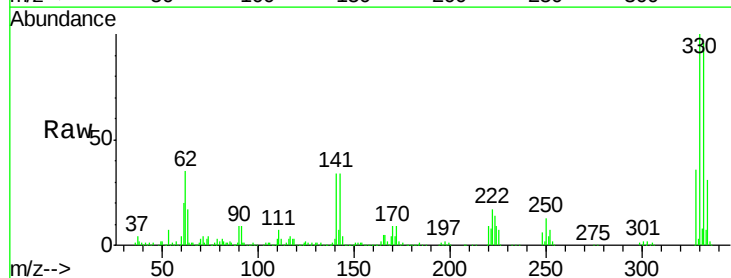


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

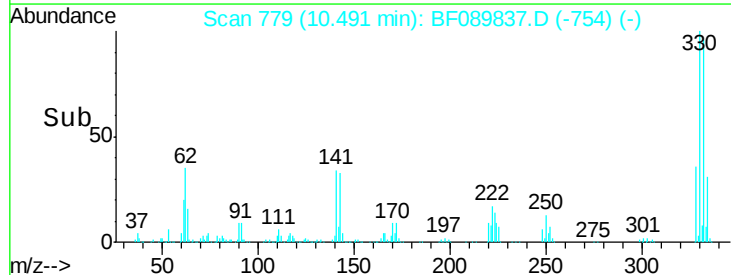
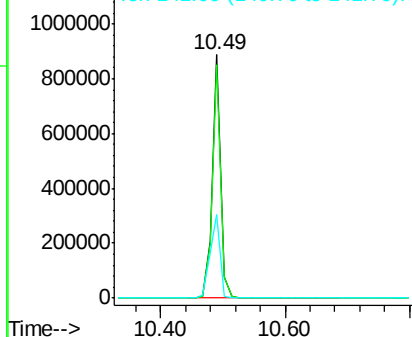


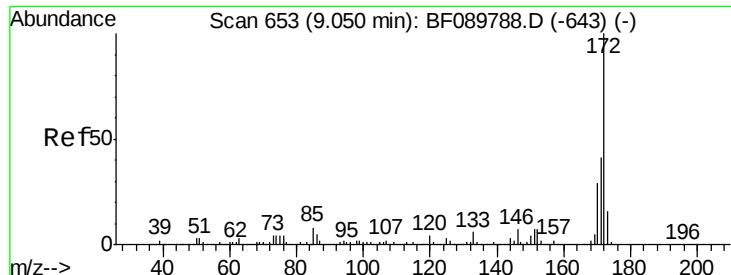
#41
 2,4,6-Tribromophenol
 Concen: 100.92 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089837.D
 Acq: 23 Aug 2016 16:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.7	115.1
141	40.6	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

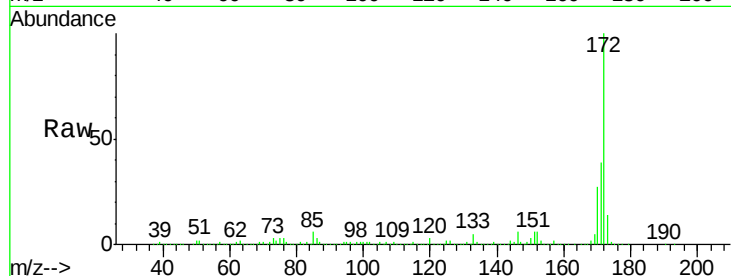




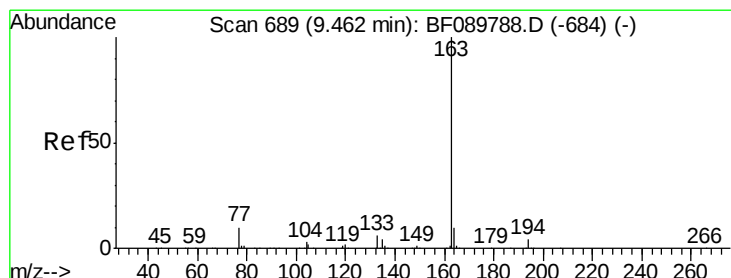
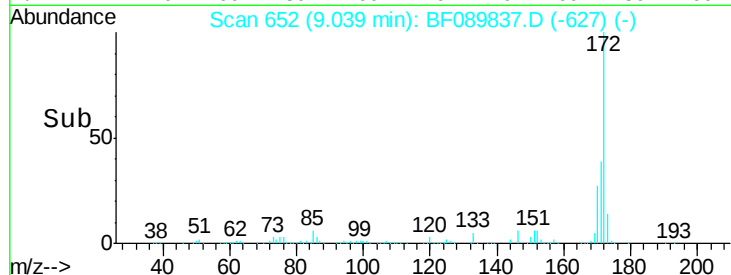
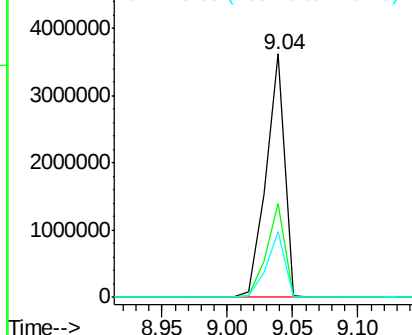
#44
 2-Fluorobiphenyl
 Concen: 74.15 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089837.D
 Acq: 23 Aug 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 D-11(2-2.5)

Tgt Ion:172 Resp: 3622555
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.5 45.7
 170 26.9 20.6 31.0

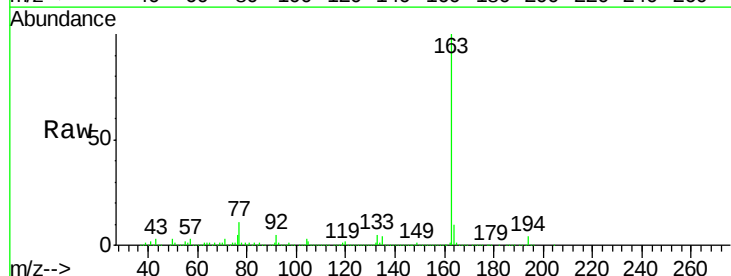


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

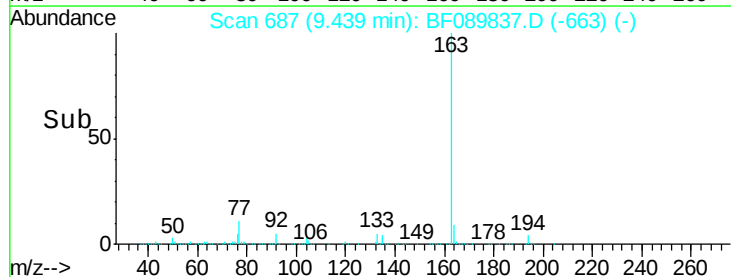
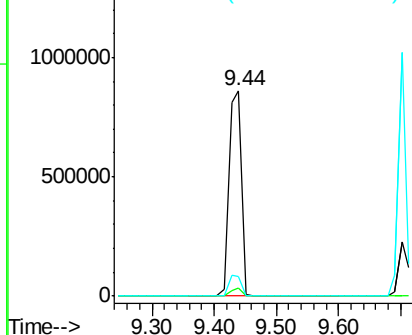


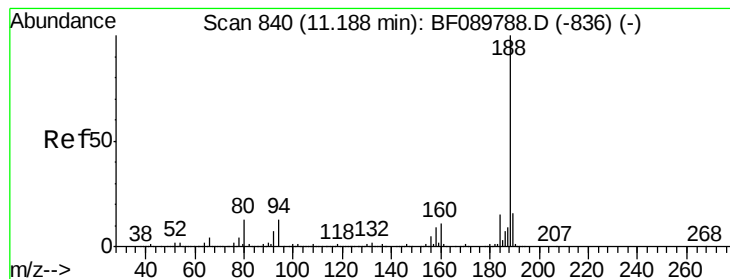
#49
 Dimethylphthalate
 Concen: 19.48 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF089837.D
 Acq: 23 Aug 2016 16:18

Tgt Ion:163 Resp: 1177677
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.6 3.8
 164 9.6 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: BF089837.D

Acq: 23 Aug 2016 16:18

Instrument :

BNA_F

ClientSampleId :

D-11(2-2.5)

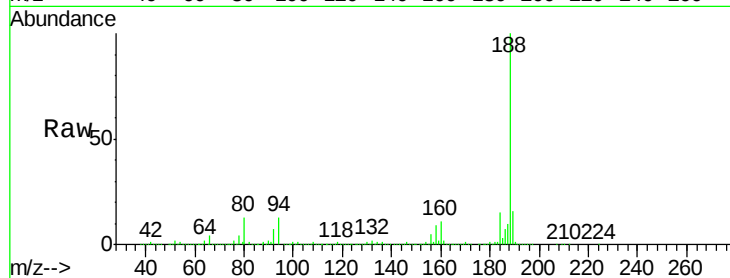
Tgt Ion:188 Resp: 1501602

Ion Ratio Lower Upper

188 100

94 12.8 10.2 15.2

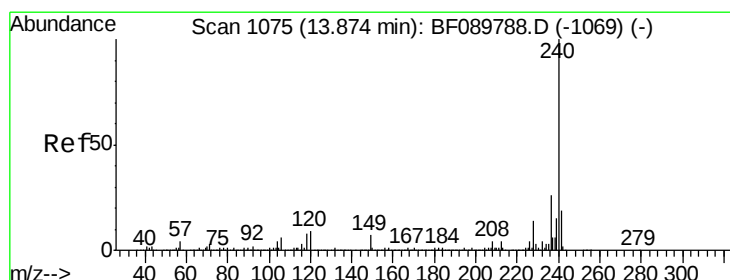
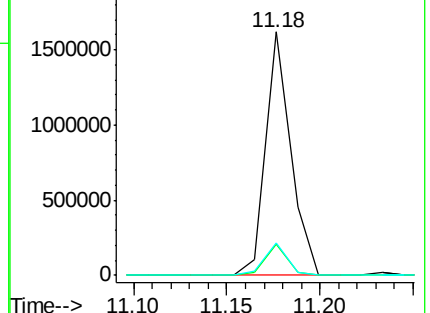
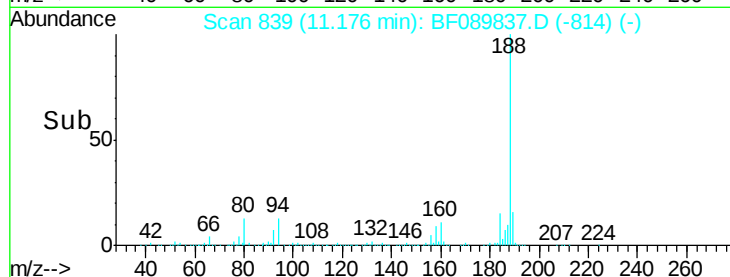
80 13.3 10.9 16.3



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: 13.82 min Scan# 1070

Delta R.T. -0.06 min

Lab File: BF089837.D

Acq: 23 Aug 2016 16:18

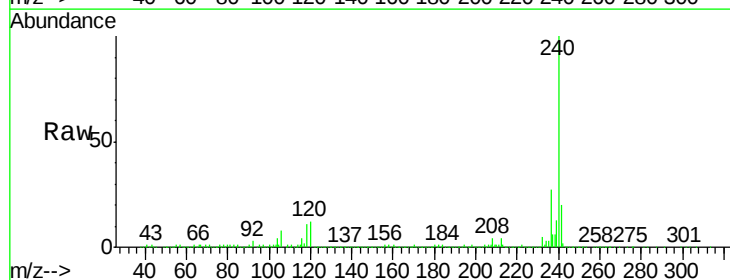
Tgt Ion:240 Resp: 1402781

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

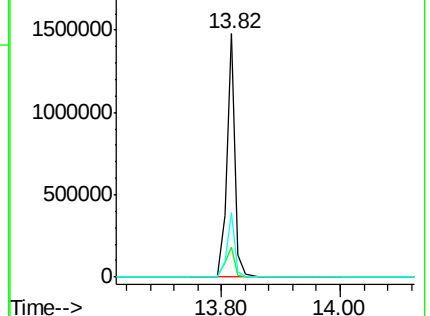
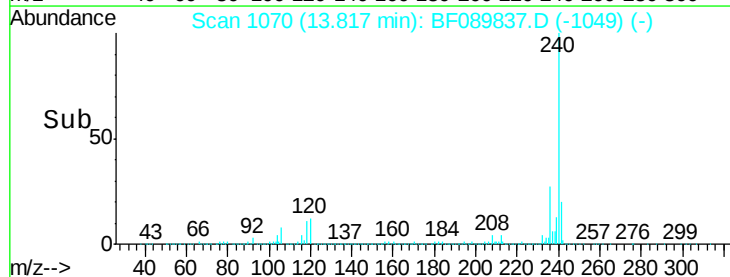
236 26.6 21.3 31.9

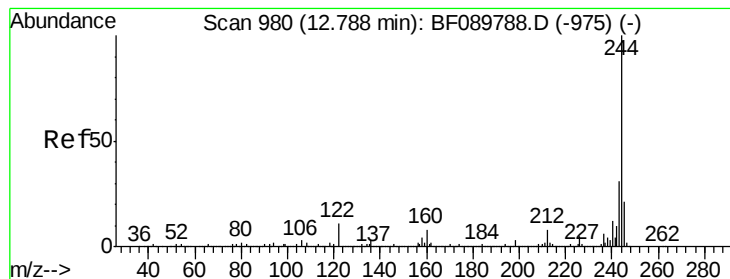


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 52.32 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089837.D

Acq: 23 Aug 2016 16:18

Instrument :

BNA_F

ClientSampleId :

D-11(2-2.5)

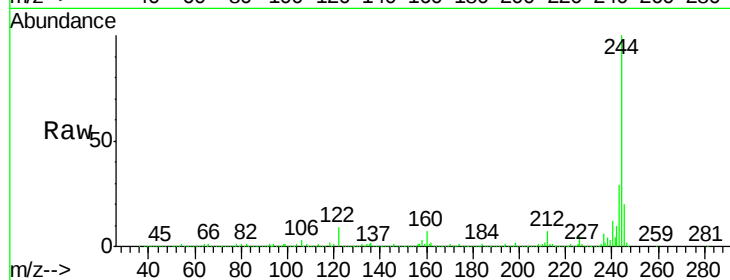
Tgt Ion:244 Resp: 3244019

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

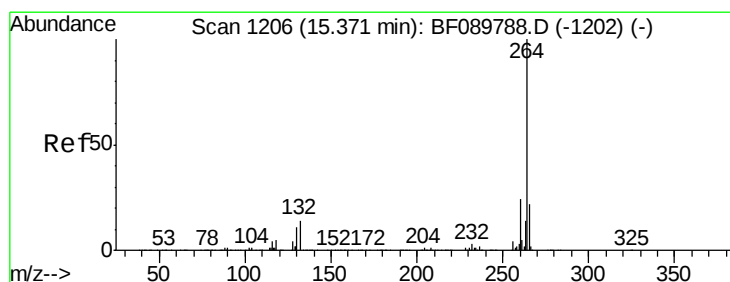
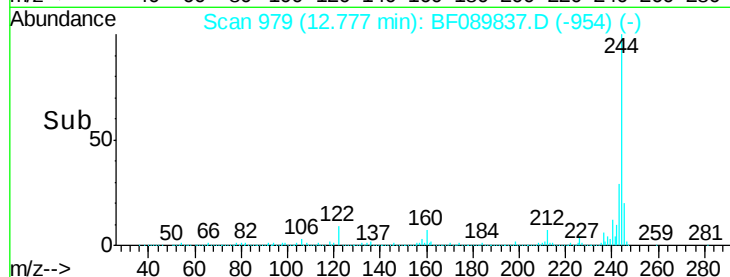
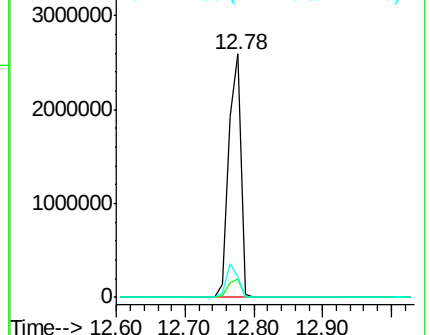
122 8.5 12.0 18.0#



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: 15.25 min Scan# 1195

Delta R.T. -0.13 min

Lab File: BF089837.D

Acq: 23 Aug 2016 16:18

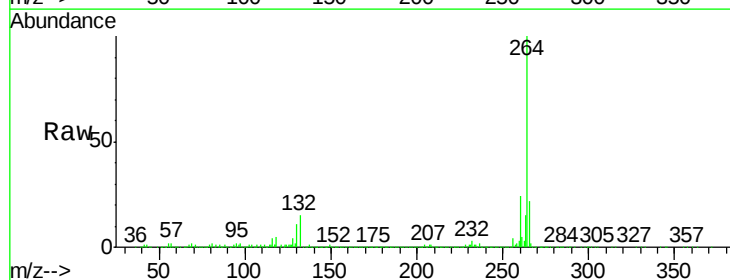
Tgt Ion:264 Resp: 1194993

Ion Ratio Lower Upper

264 100

260 24.4 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

