

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089836.D
 Acq On : 23 Aug 2016 15:52
 Operator : UM/SJ
 Sample : H4547-13
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-10(2.5-3)

Quant Time: Aug 25 13:46:50 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

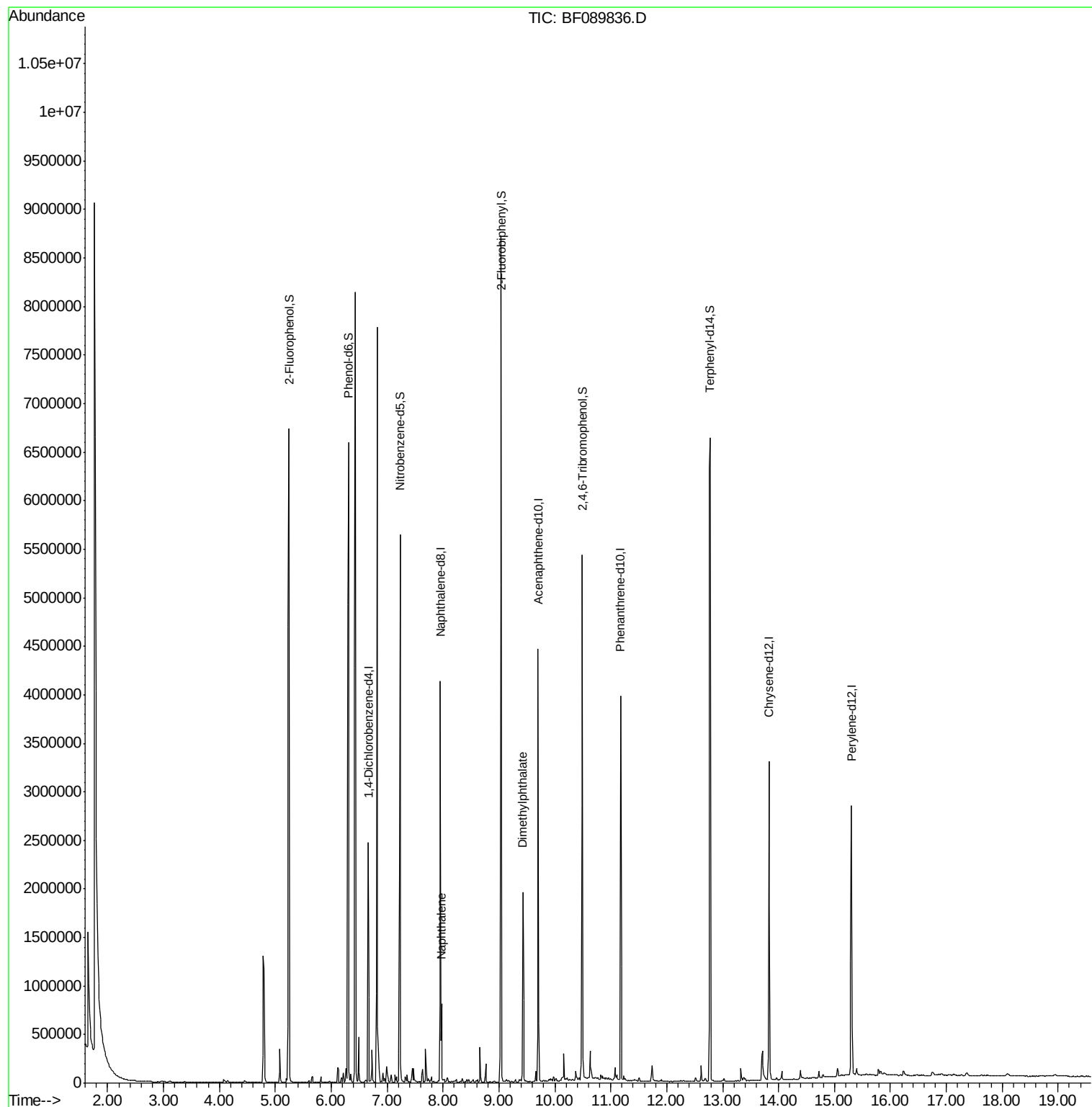
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	404428	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1761281	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	817444	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1474192	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1343598	20.00	ng	-0.05
86) Perylene-d12	15.30	264	1167533	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2657130	112.67	ng	-0.01
7) Phenol-d6	6.31	99	3370137	116.41	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1937831	68.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	776901	100.01	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3379302	72.66	ng	-0.01
78) Terphenyl-d14	12.78	244	3068021	51.66	ng	-0.01
Target Compounds						
31) Naphthalene	7.98	128	391989	4.76	ng	97
49) Dimethylphthalate	9.43	163	936953	16.28	ng	99

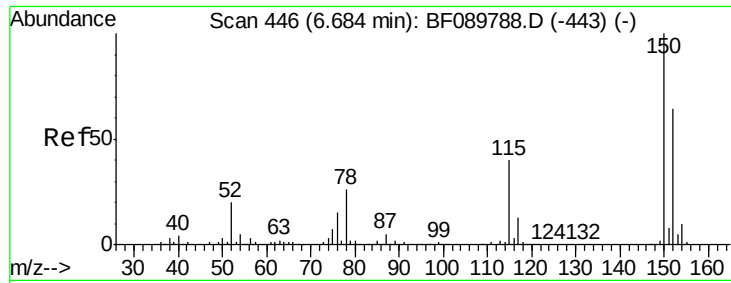
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089836.D

Acq: 23 Aug 2016 15:52

Instrument :

BNA_F

ClientSampleId :

D-10(2.5-3)

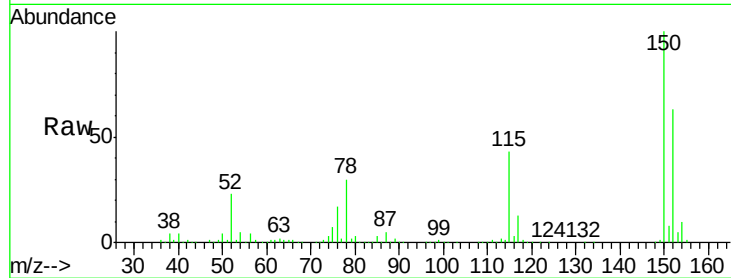
Tgt Ion:152 Resp: 404428

Ion Ratio Lower Upper

152 100

150 157.5 125.3 187.9

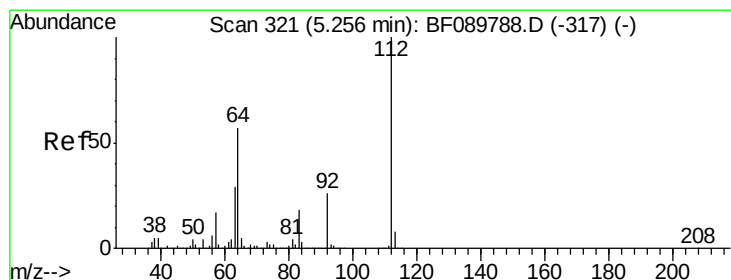
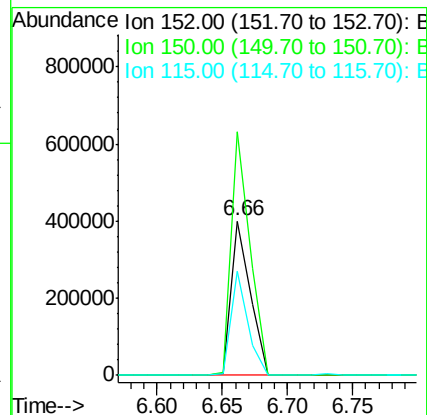
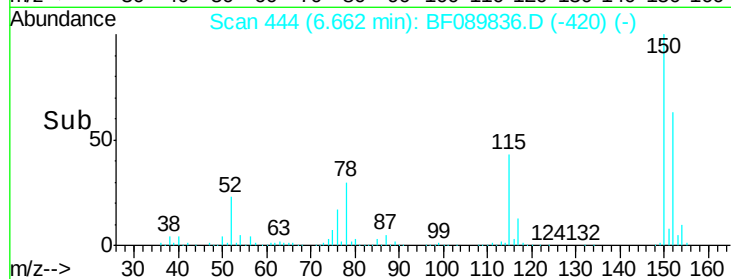
115 67.7 40.9 61.3#



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: 112.67 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089836.D

Acq: 23 Aug 2016 15:52

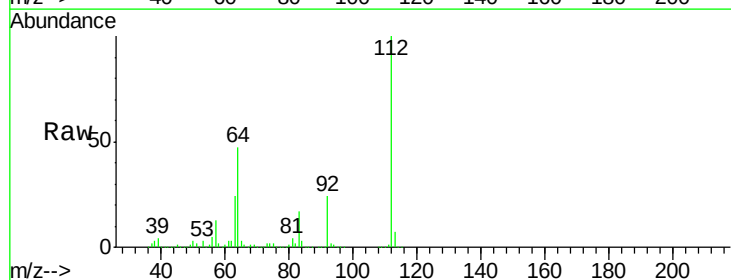
Tgt Ion:112 Resp: 2657130

Ion Ratio Lower Upper

112 100

64 47.3 45.0 67.4

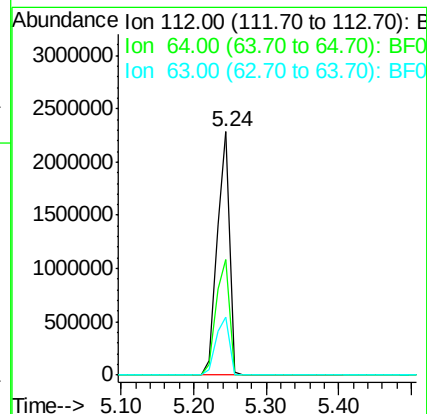
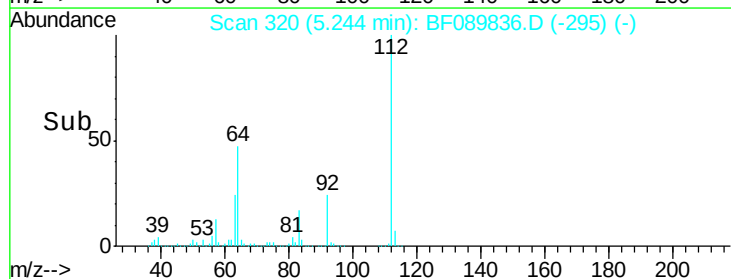
63 24.0 23.1 34.7

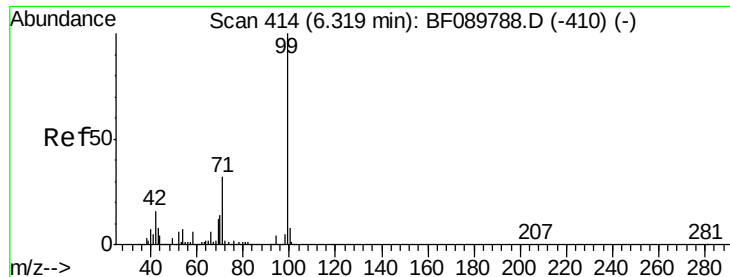


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.41 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089836.D

Acq: 23 Aug 2016 15:52

Instrument :

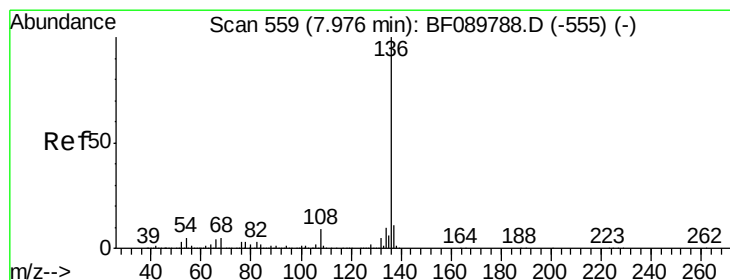
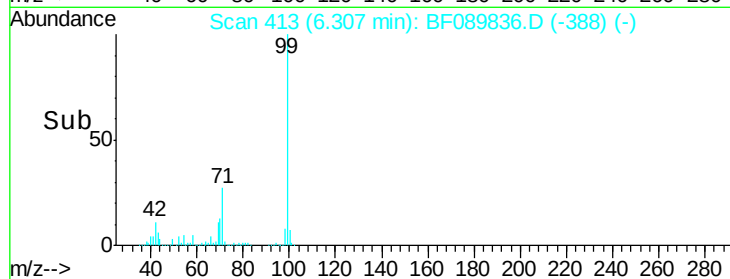
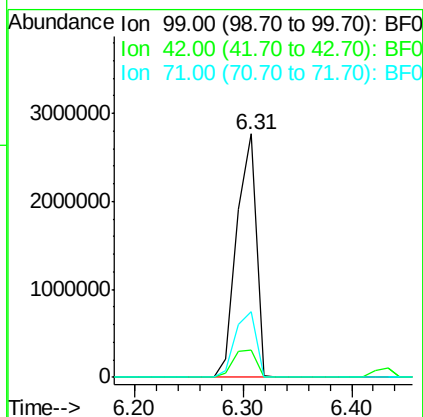
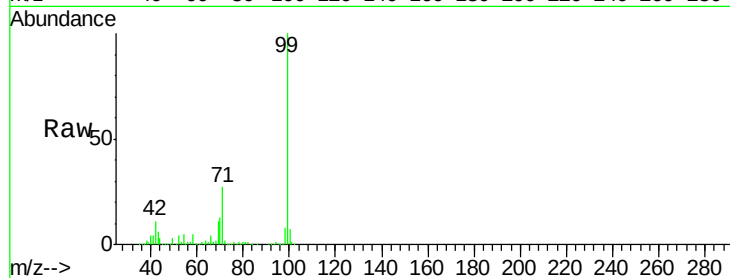
BNA_F

ClientSampleId :

D-10(2.5-3)

Tgt Ion: 99 Resp: 3370137

Ion	Ratio	Lower	Upper
99	100		
42	11.2	12.2	18.4#
71	27.1	23.8	35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

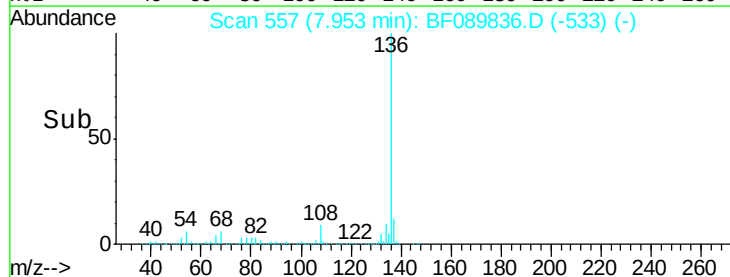
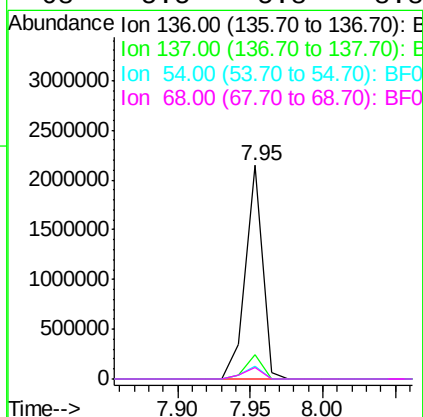
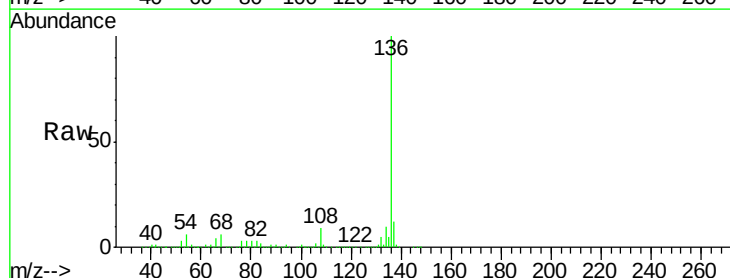
Delta R.T. -0.02 min

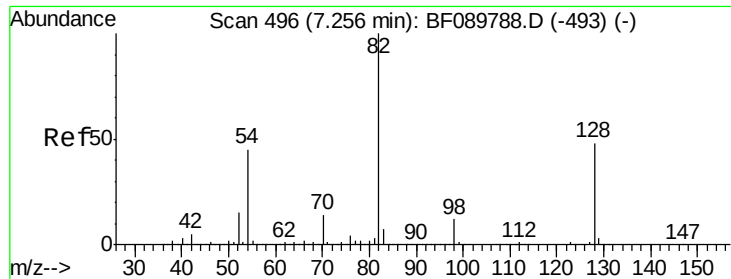
Lab File: BF089836.D

Acq: 23 Aug 2016 15:52

Tgt Ion: 136 Resp: 1761281

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.8	7.2	10.8#
68	5.5	5.8	8.8#

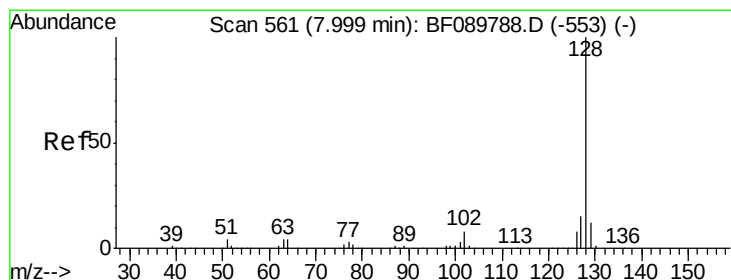
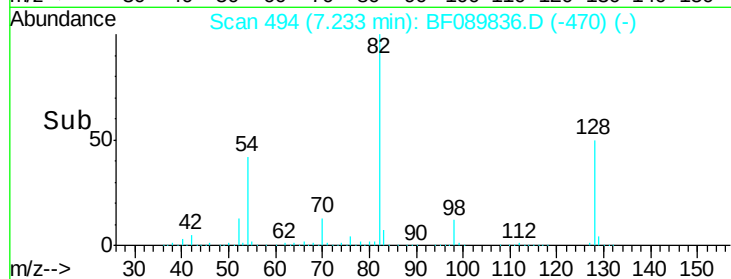
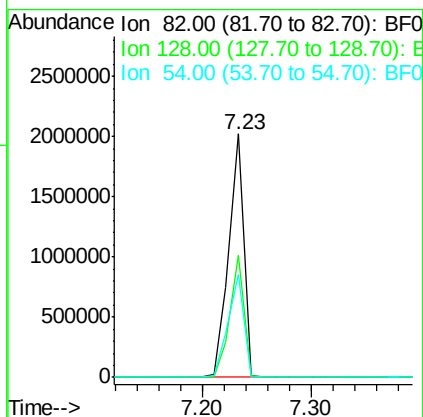
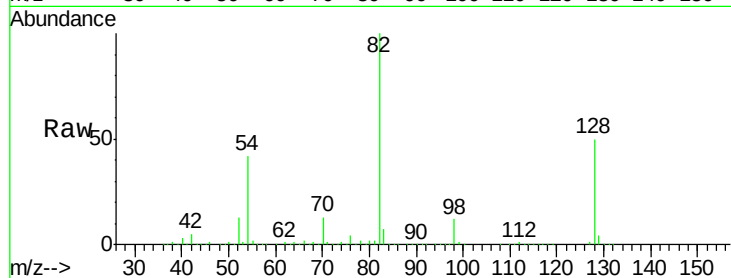




#23
 Nitrobenzene-d5
 Concen: 68.35 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089836.D
 Acq: 23 Aug 2016 15:52

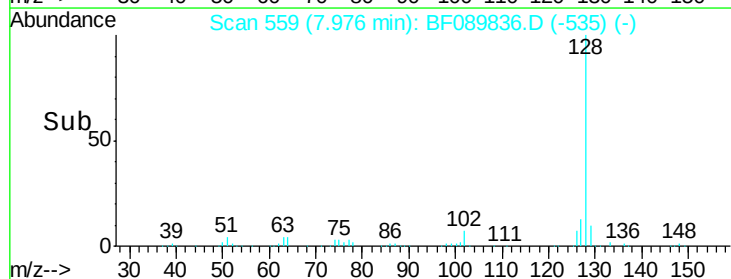
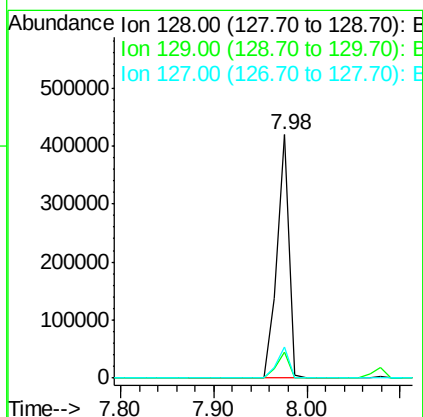
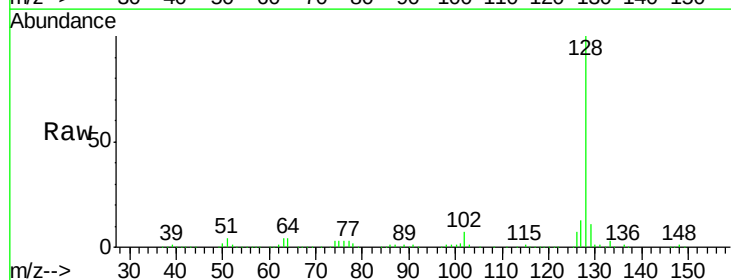
Instrument :
 BNA_F
 ClientSampleId :
 D-10(2.5-3)

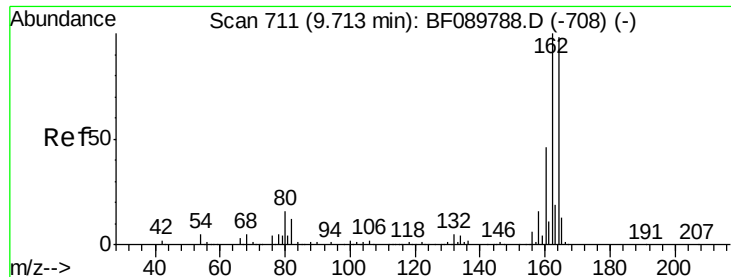
Tgt Ion: 82 Resp: 1937831
 Ion Ratio Lower Upper
 82 100
 128 50.3 34.4 51.6
 54 42.3 40.3 60.5



#31
 Naphthalene
 Concen: 4.76 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF089836.D
 Acq: 23 Aug 2016 15:52

Tgt Ion: 128 Resp: 391989
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.5 14.3
 127 13.0 11.3 16.9

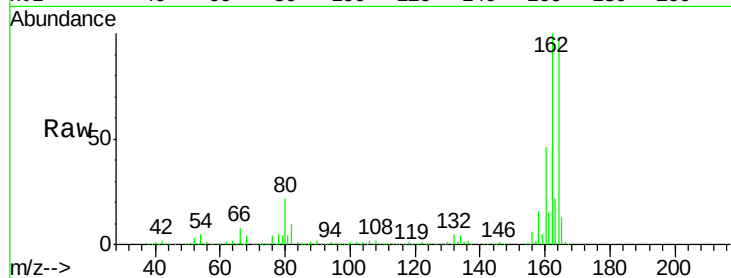




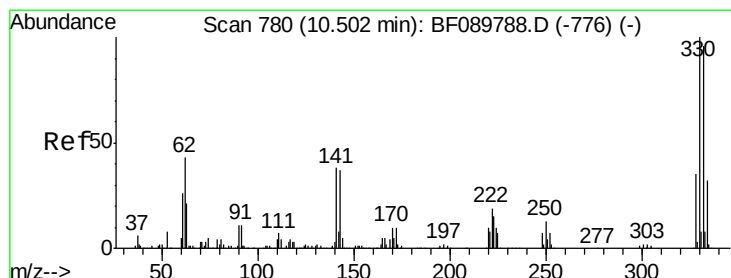
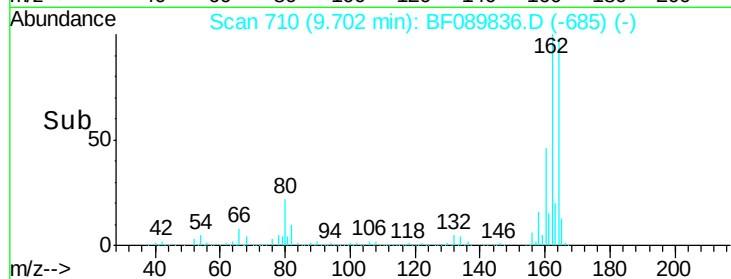
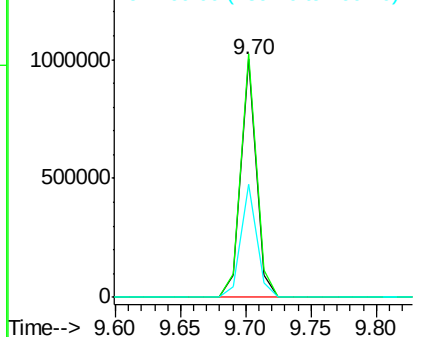
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089836.D
 Acq: 23 Aug 2016 15:52

Instrument :
 BNA_F
 ClientSampleId :
 D-10(2.5-3)

Tgt Ion:164 Resp: 817444
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.4 122.2
 160 47.5 37.8 56.6

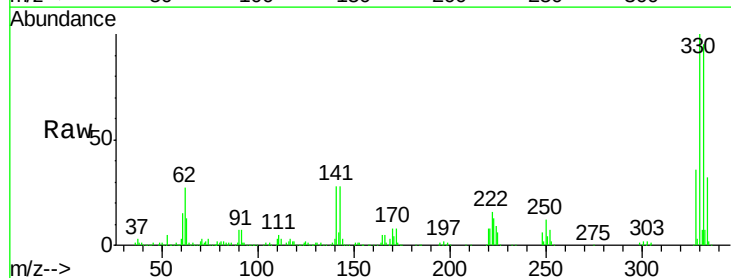


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

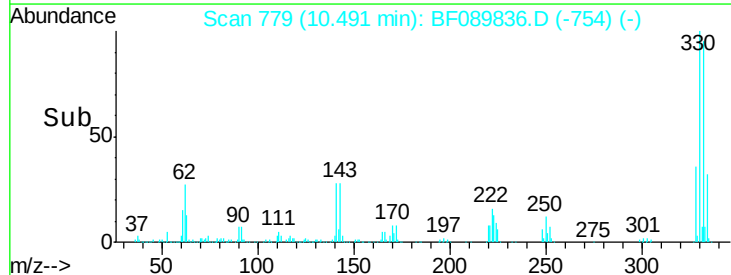
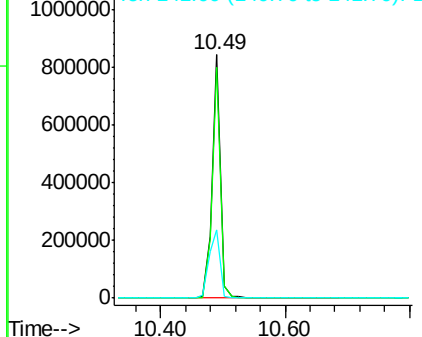


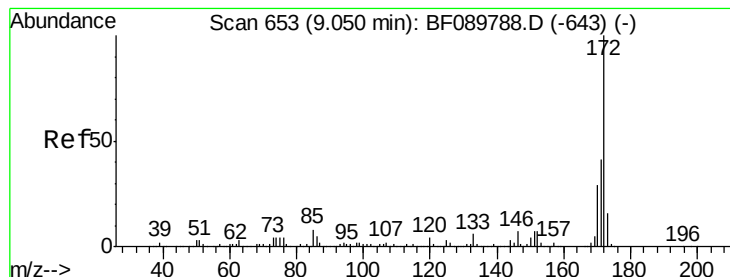
#41
 2,4,6-Tribromophenol
 Concen: 100.01 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089836.D
 Acq: 23 Aug 2016 15:52

Tgt Ion:330 Resp: 776901
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.7 115.1
 141 37.4 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: 72.66 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF089836.D

Acq: 23 Aug 2016 15:52

Instrument :

BNA_F

ClientSampleId :

D-10(2.5-3)

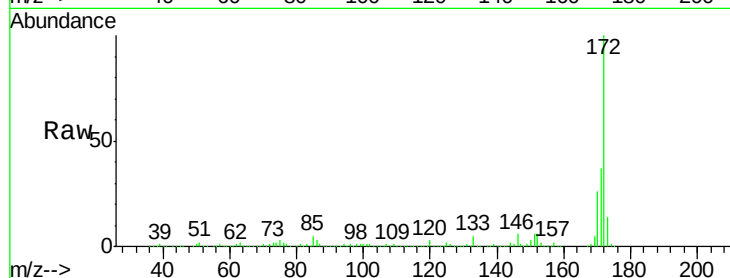
Tgt Ion:172 Resp: 3379302

Ion Ratio Lower Upper

172 100

171 37.3 30.5 45.7

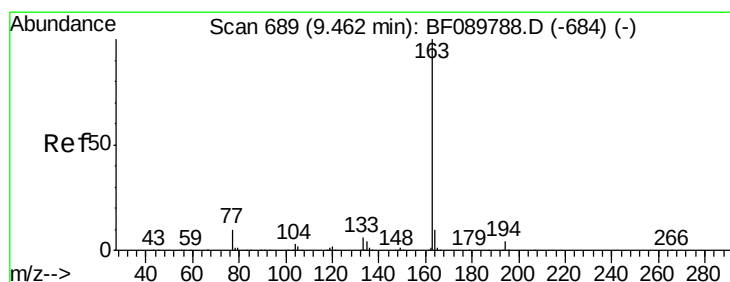
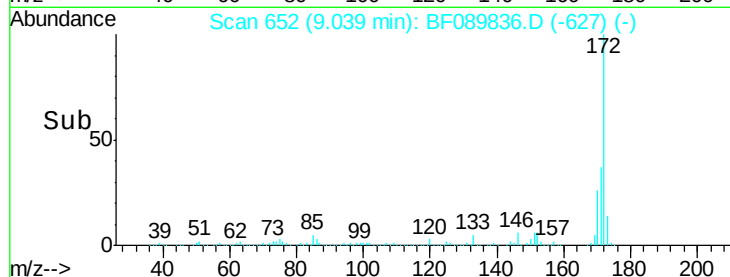
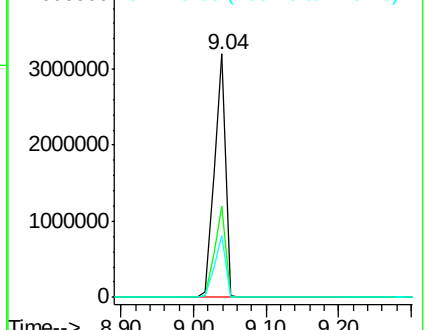
170 25.7 20.6 31.0



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: 16.28 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF089836.D

Acq: 23 Aug 2016 15:52

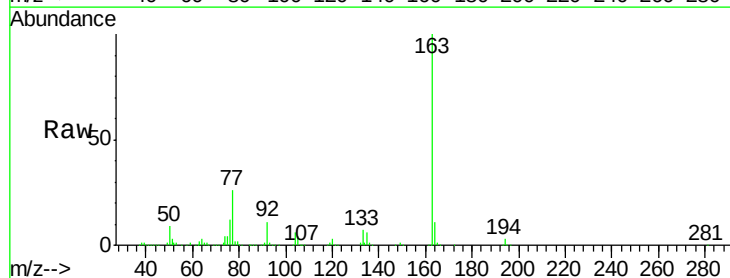
Tgt Ion:163 Resp: 936953

Ion Ratio Lower Upper

163 100

194 2.9 2.6 3.8

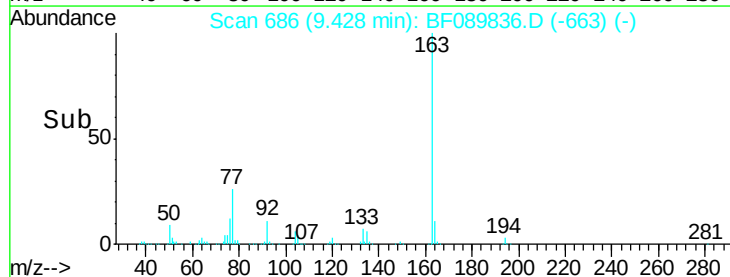
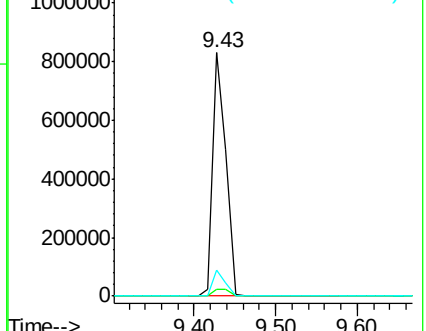
164 10.9 8.6 12.8

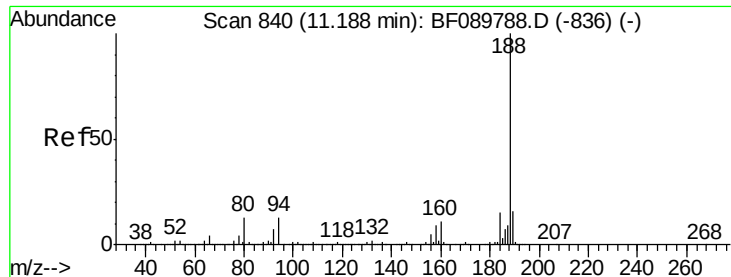


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

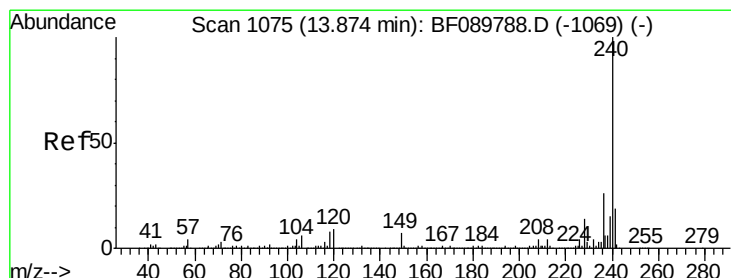
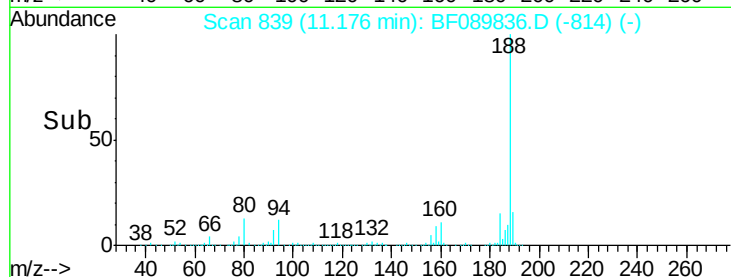
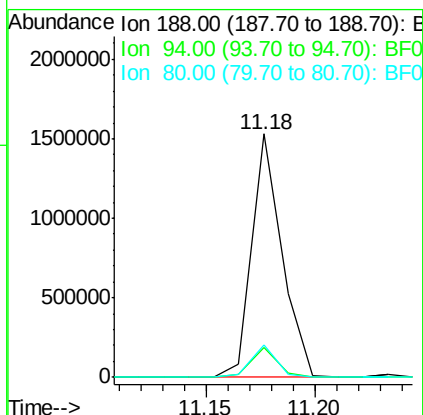
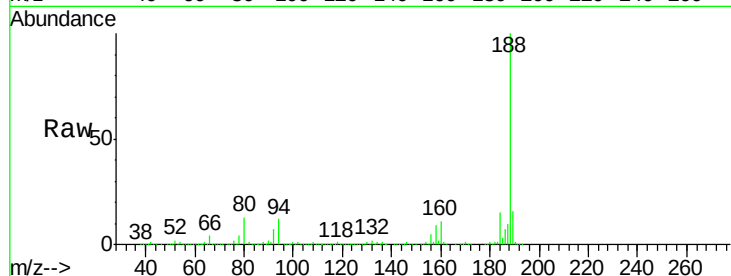




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089836.D
Acq: 23 Aug 2016 15:52

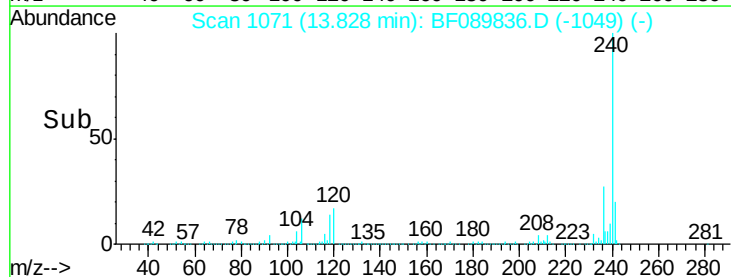
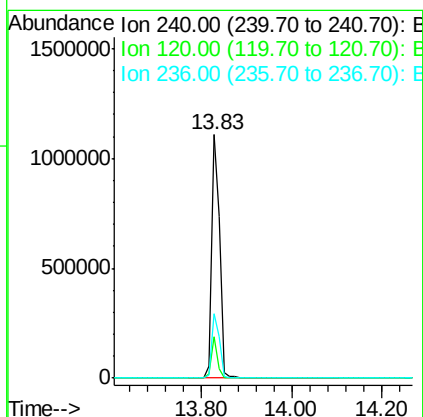
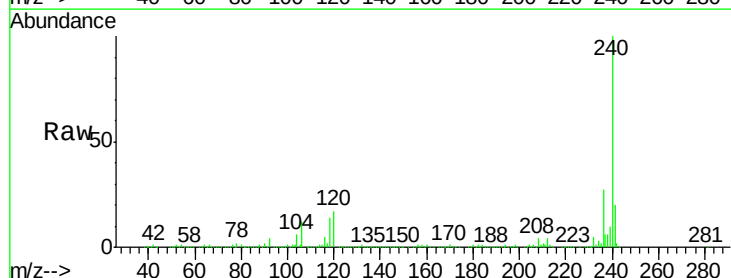
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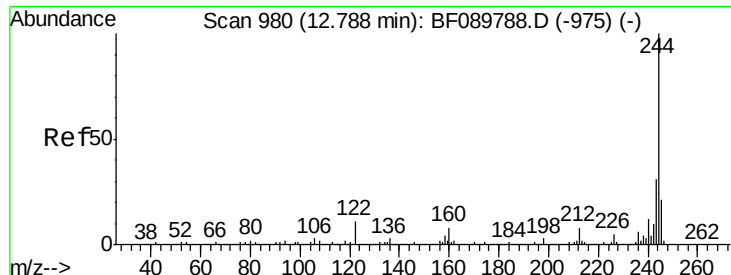
Tgt Ion:188 Resp: 1474192
Ion Ratio Lower Upper
188 100
94 12.5 10.2 15.2
80 13.1 10.9 16.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF089836.D
Acq: 23 Aug 2016 15:52

Tgt Ion:240 Resp: 1343598
Ion Ratio Lower Upper
240 100
120 17.0 8.3 12.5#
236 26.7 21.3 31.9

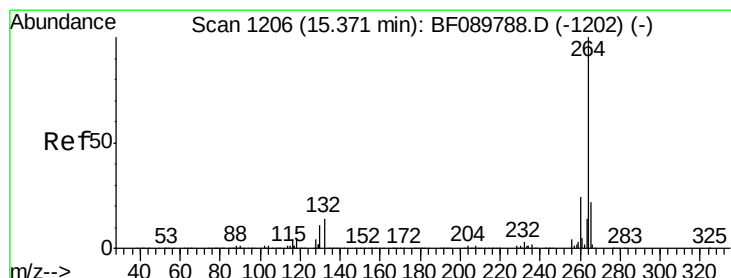
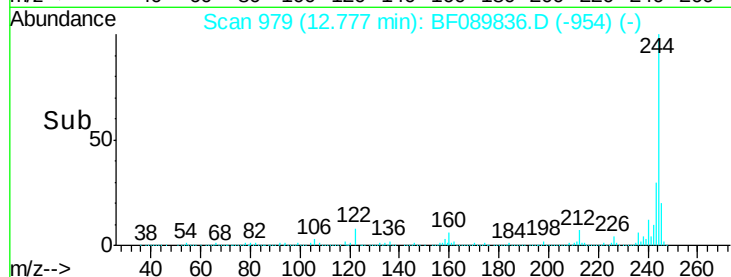
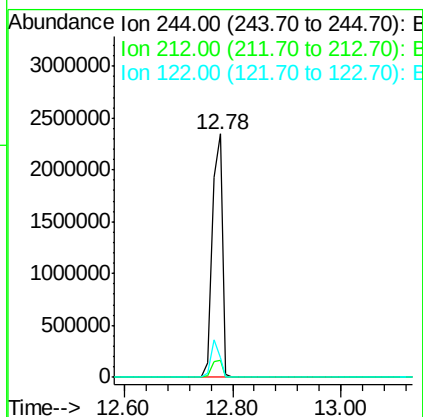
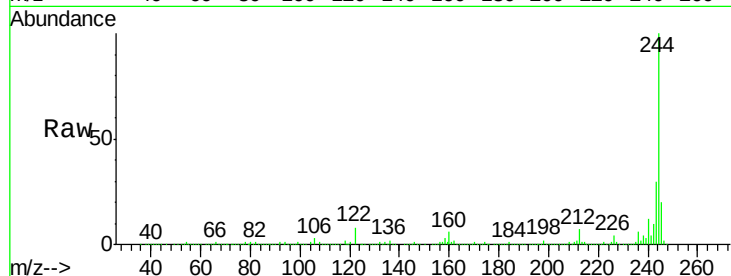




#78
 Terphenyl-d14
 Concen: 51.66 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF089836.D
 Acq: 23 Aug 2016 15:52

Instrument :
 BNA_F
 ClientSampleId :
 D-10(2.5-3)

Tgt Ion:244 Resp: 3068021
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 8.1 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. -0.07 min
 Lab File: BF089836.D
 Acq: 23 Aug 2016 15:52

Tgt Ion:264 Resp: 1167533
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.2 30.2
 265 21.5 17.4 26.2

