

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089749.D
 Acq On : 17 Aug 2016 7:34
 Operator : UM/SJ
 Sample : H4399-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Aug 17 08:01:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

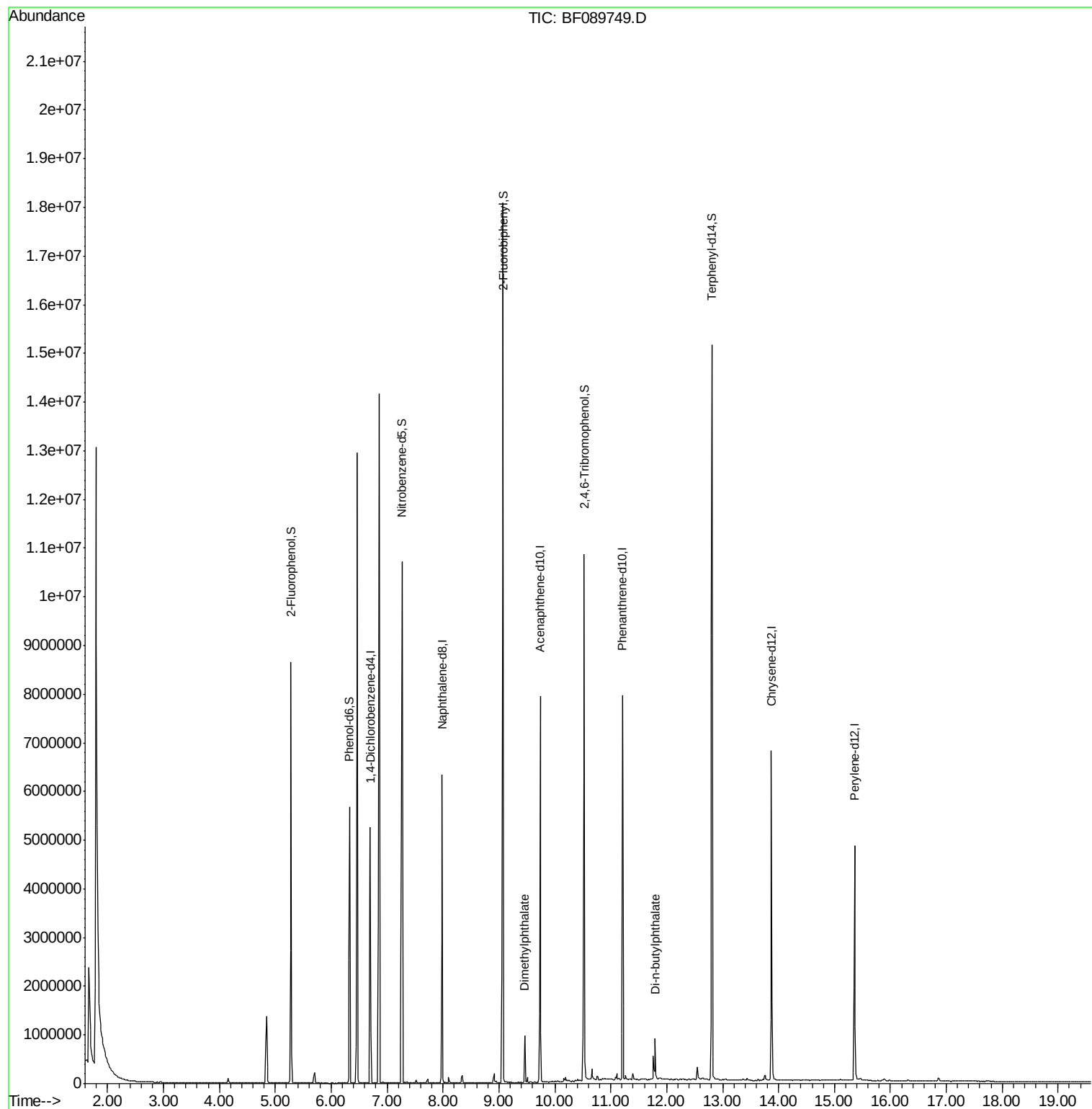
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	757764	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	3261989	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1498714	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2713723	20.00	ng	0.00
75) Chrysene-d12	13.87	240	2320518	20.00	ng	-0.02
86) Perylene-d12	15.36	264	2029721	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2451607	53.98	ng	0.00
7) Phenol-d6	6.33	99	2228108	38.57	ng	0.00
23) Nitrobenzene-d5	7.27	82	4037115	75.57	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1529156	105.47	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6624798	70.93	ng	0.00
78) Terphenyl-d14	12.81	244	5206516	67.03	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	355596	3.28	ng	99
73) Di-n-butylphthalate	11.79	149	385156	2.40	ng	97

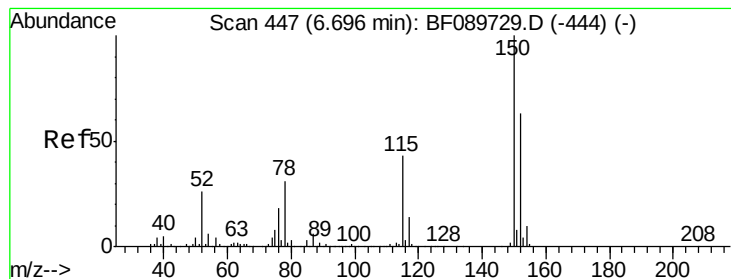
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089749.D
Acq On : 17 Aug 2016 7:34
Operator : UM/SJ
Sample : H4399-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4

Quant Time: Aug 17 08:01:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF089749.D

Acq: 17 Aug 2016 7:34

Instrument :

BNA_F

ClientSampleId :

MW-4

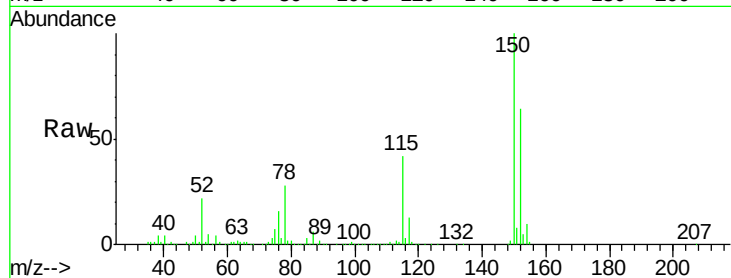
Tot Ion:152 Resp: 757764

Ion Ratio Lower Upper

152 100

150 155.4 125.3 187.9

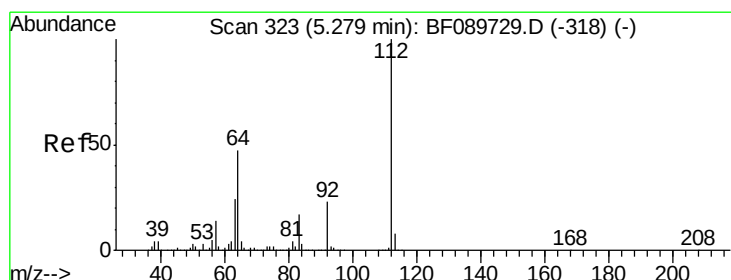
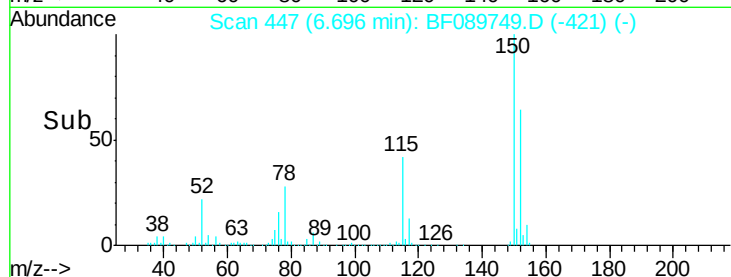
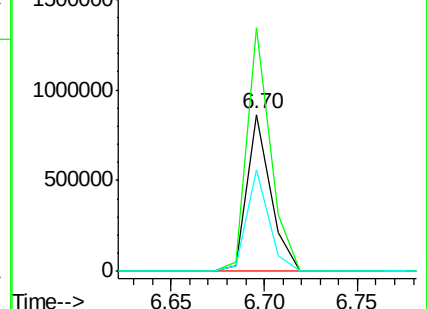
115 64.6 40.9 61.3#



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: 53.98 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.00 min

Lab File: BF089749.D

Acq: 17 Aug 2016 7:34

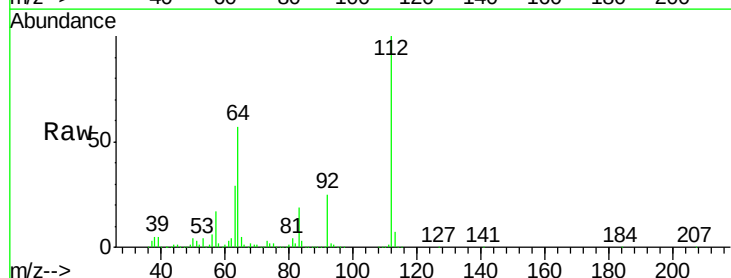
Tgt Ion:112 Resp: 2451607

Ion Ratio Lower Upper

112 100

64 57.3 45.0 67.4

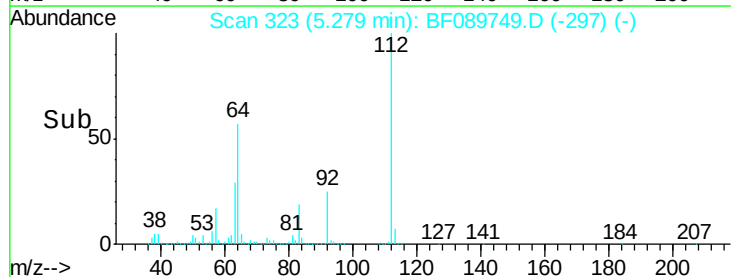
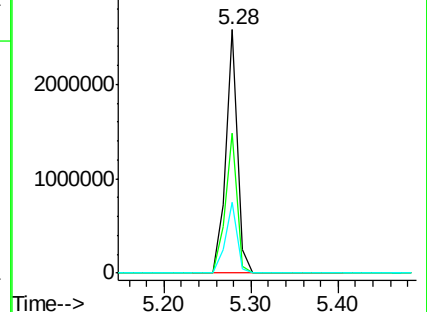
63 29.0 23.1 34.7

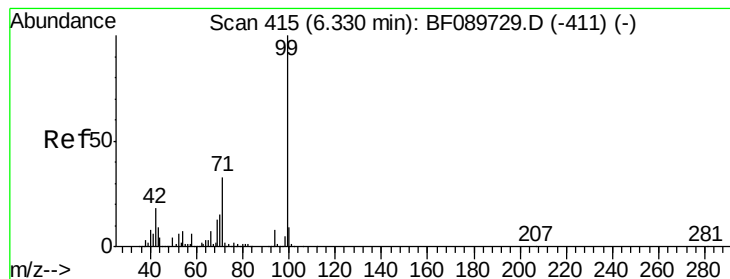


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.57 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089749.D

Acq: 17 Aug 2016 7:34

Instrument :

BNA_F

ClientSampleId :

MW-4

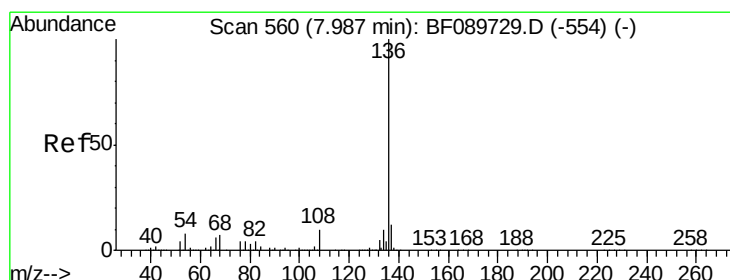
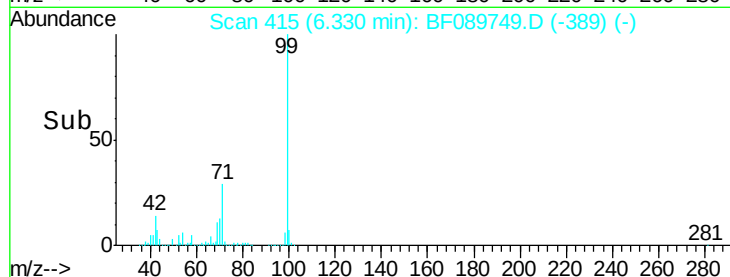
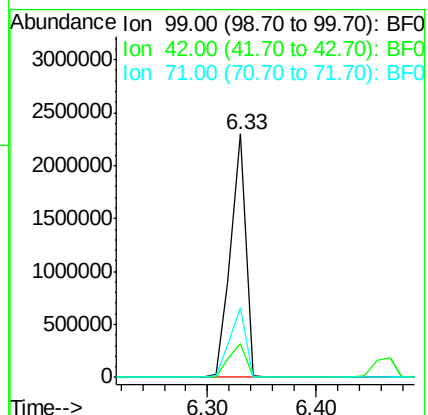
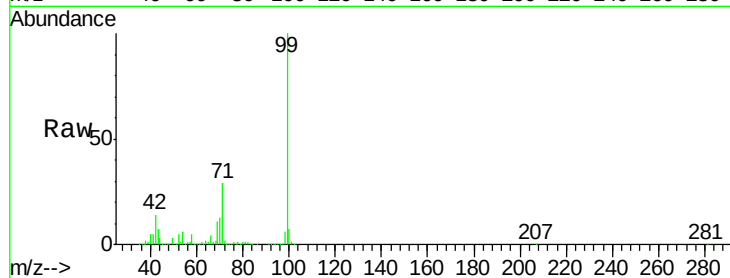
Tot Ion: 99 Resp: 2228108

Ion Ratio Lower Upper

99 100

42 13.7 12.2 18.4

71 28.7 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF089749.D

Acq: 17 Aug 2016 7:34

Tgt Ion: 136 Resp: 3261989

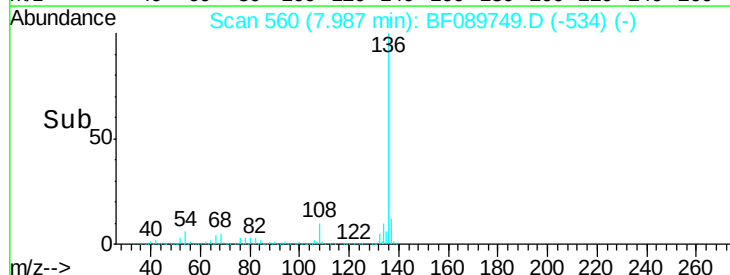
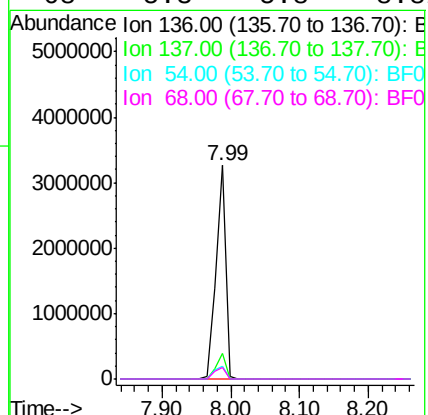
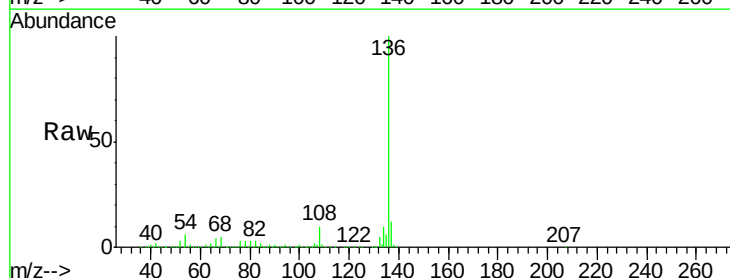
Ion Ratio Lower Upper

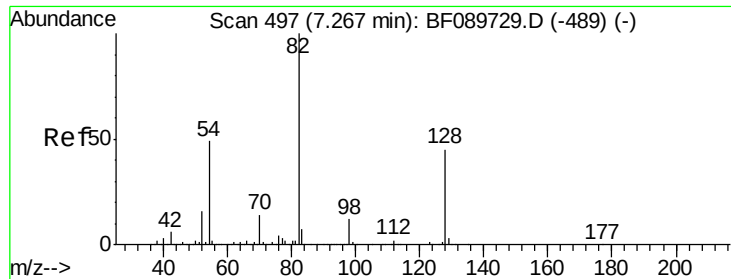
136 100

137 11.8 9.2 13.8

54 5.8 7.2 10.8#

68 5.3 5.8 8.8#



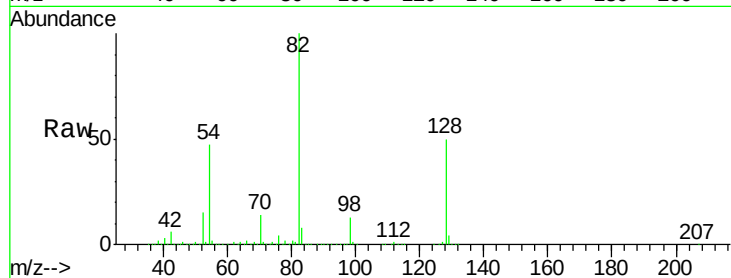


#23
 Nitrobenzene-d5
 Concen: 75.57 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089749.D
 Acq: 17 Aug 2016 7:34

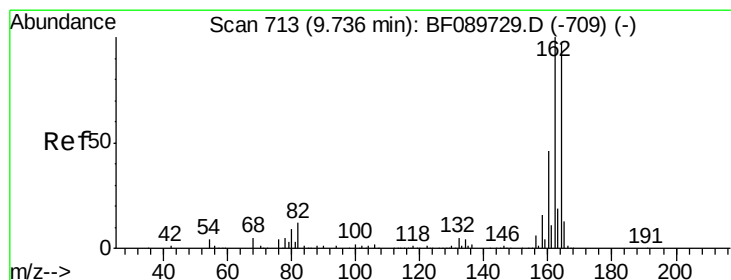
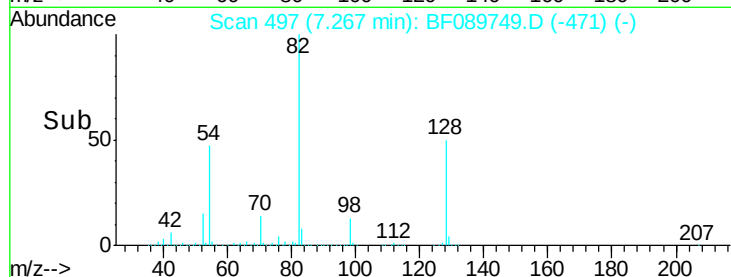
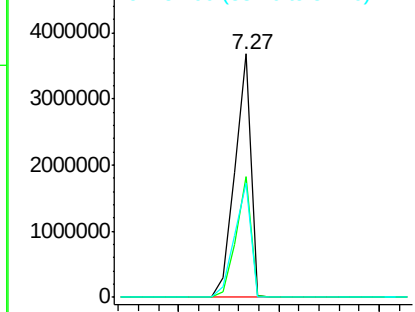
Instrument :
 BNA_F
 ClientSampled :
 MW-4

Tot Ion: 82 Resp: 4037115

Ion	Ratio	Lower	Upper
82	100		
128	49.6	34.4	51.6
54	46.8	40.3	60.5



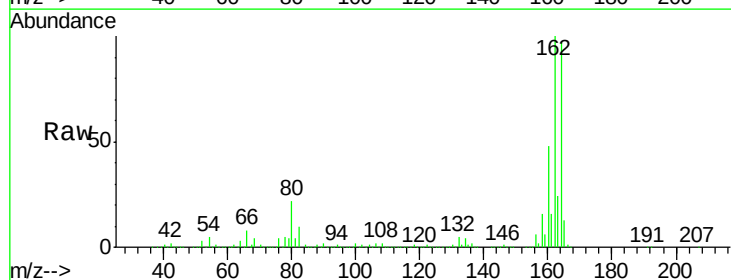
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



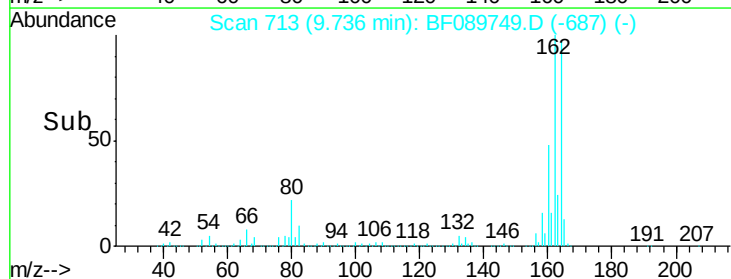
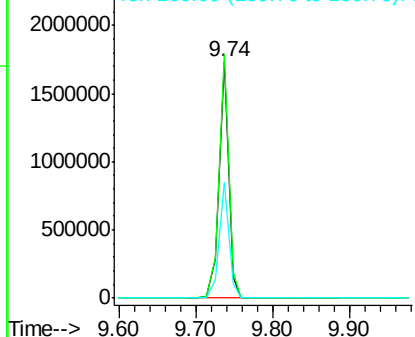
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089749.D
 Acq: 17 Aug 2016 7:34

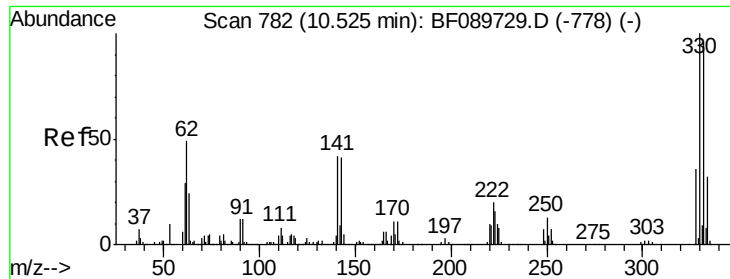
Tgt Ion: 164 Resp: 1498714

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.2
160	49.1	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

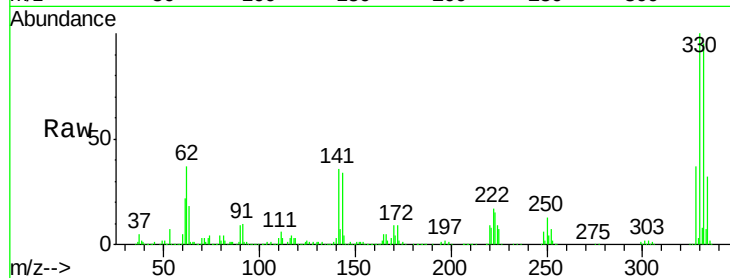




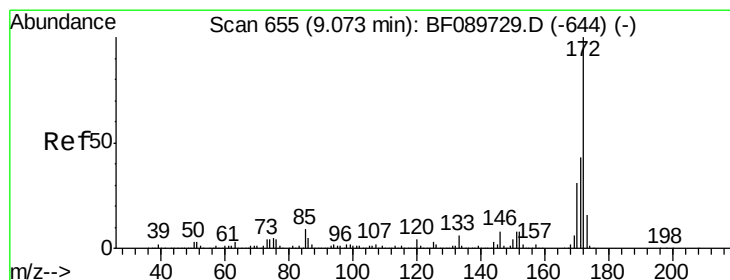
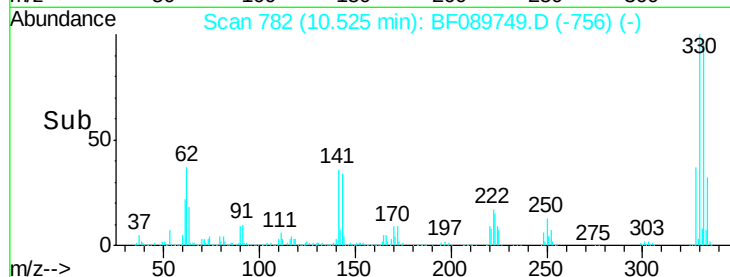
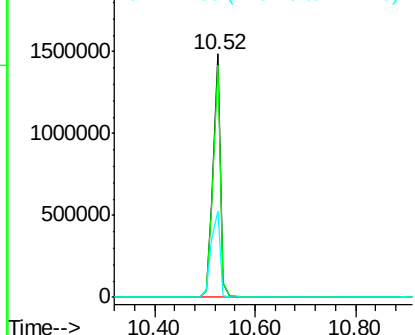
#41
 2,4,6-Tribromophenol
 Concen: 105.47 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089749.D
 Acq: 17 Aug 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion:330 Resp: 1529156
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.7 115.1
 141 43.0 30.2 45.2

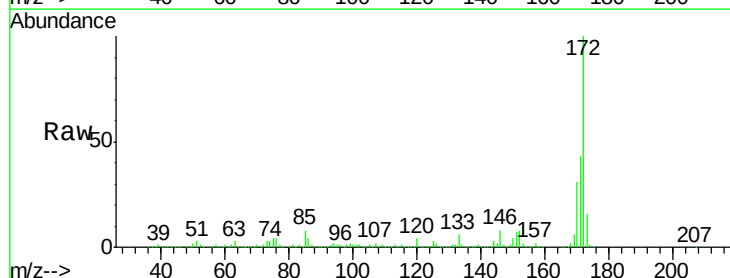


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

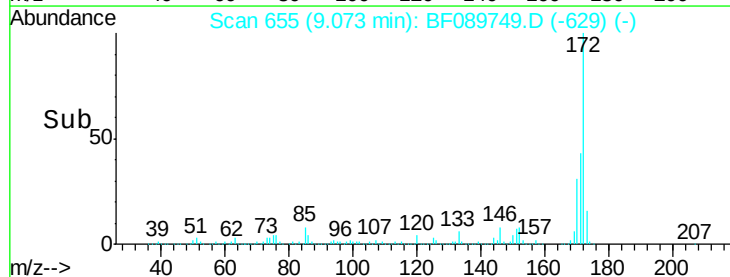
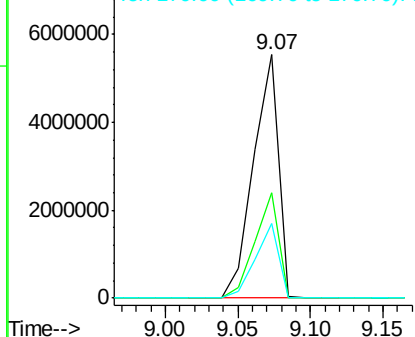


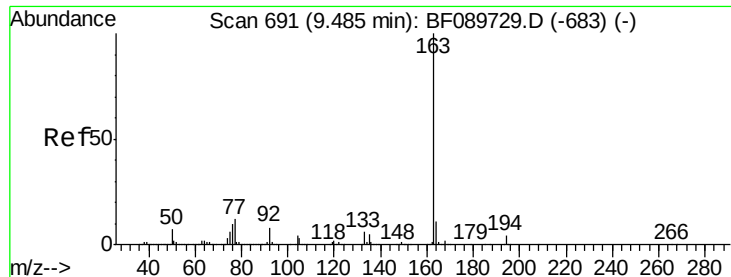
#44
 2-Fluorobiphenyl
 Concen: 70.93 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089749.D
 Acq: 17 Aug 2016 7:34

Tgt Ion:172 Resp: 6624798
 Ion Ratio Lower Upper
 172 100
 171 43.4 30.5 45.7
 170 30.8 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: 3.28 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF089749.D

Acq: 17 Aug 2016 7:34

Instrument :

BNA_F

ClientSampleId :

MW-4

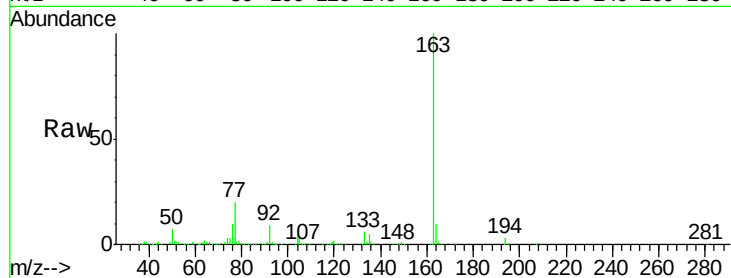
Tot Ion:163 Resp: 355596

Ion Ratio Lower Upper

163 100

194 2.9 2.6 3.8

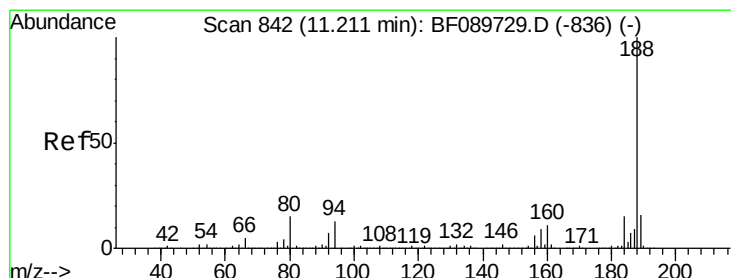
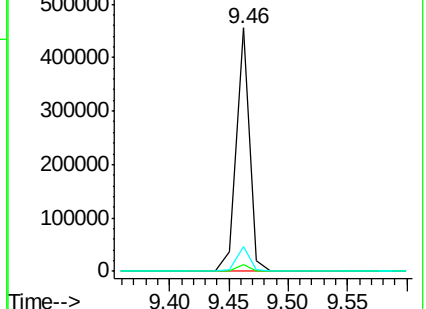
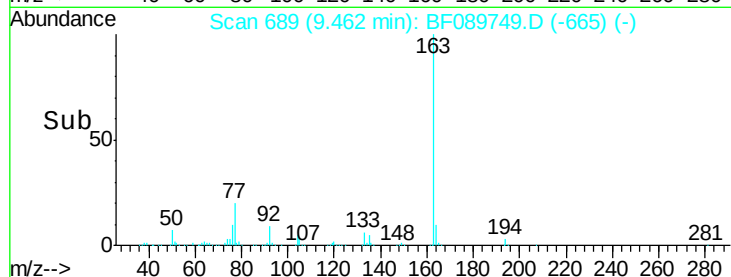
164 10.2 8.6 12.8



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: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089749.D

Acq: 17 Aug 2016 7:34

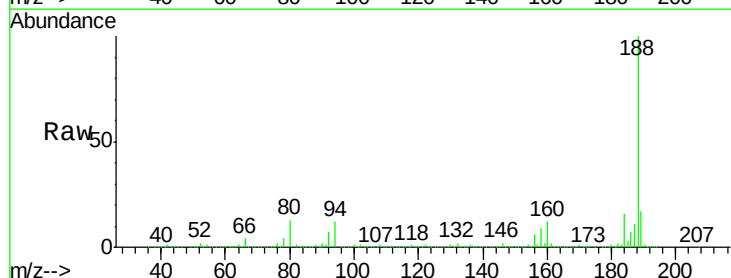
Tgt Ion:188 Resp: 2713723

Ion Ratio Lower Upper

188 100

94 12.3 10.2 15.2

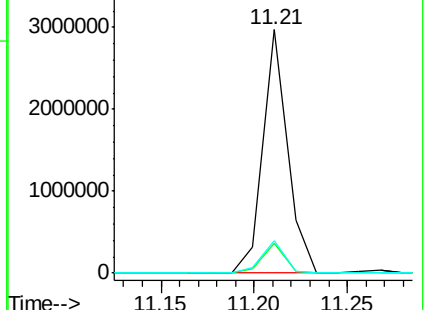
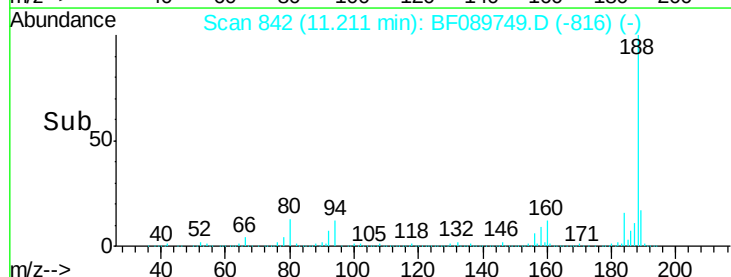
80 13.1 10.9 16.3

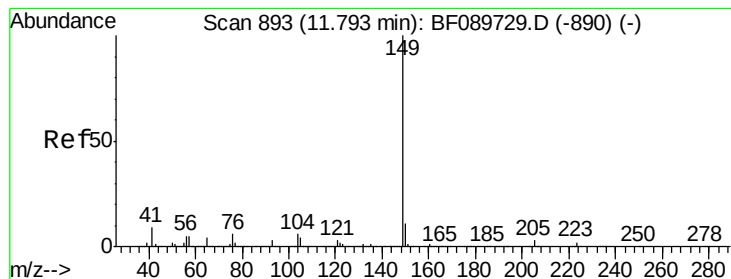


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: 2.40 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF089749.D

Acq: 17 Aug 2016 7:34

Instrument :

BNA_F

ClientSampleId :

MW-4

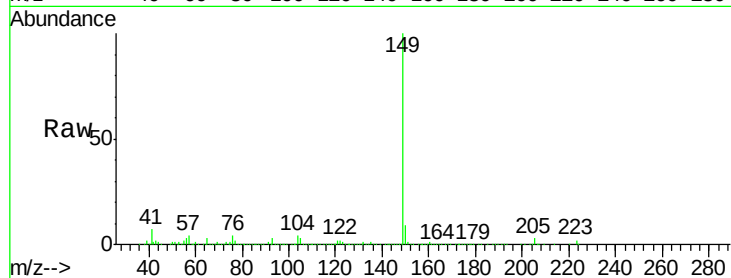
Tot Ion:149 Resp: 385156

Ion Ratio Lower Upper

149 100

150 9.1 7.9 11.9

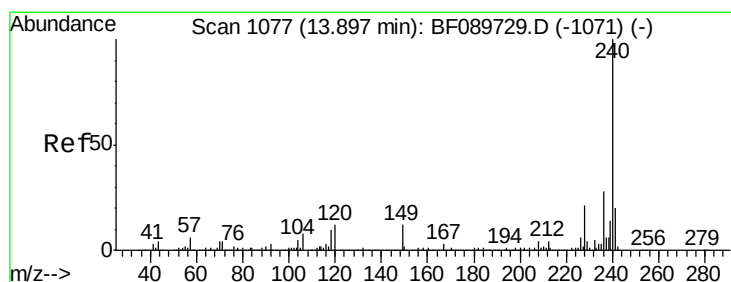
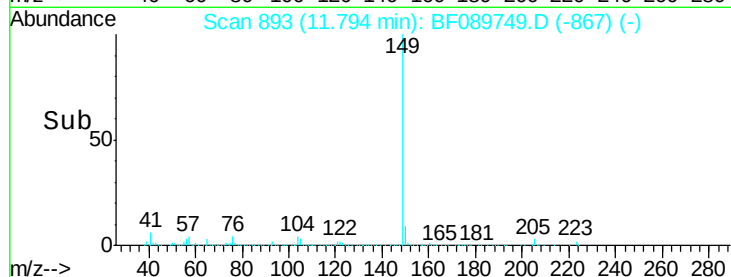
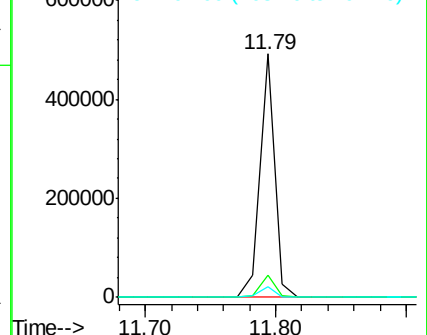
104 4.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF089749.D

Acq: 17 Aug 2016 7:34

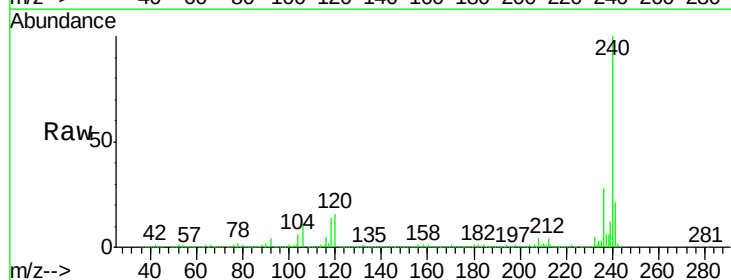
Tgt Ion:240 Resp: 2320518

Ion Ratio Lower Upper

240 100

120 16.2 8.3 12.5#

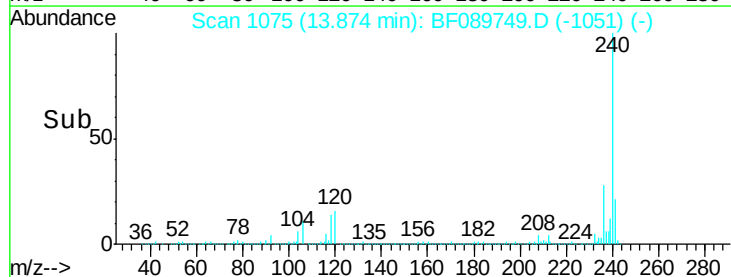
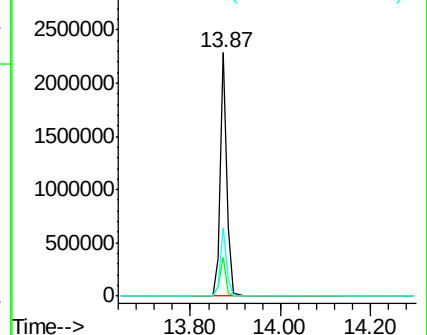
236 27.9 21.3 31.9

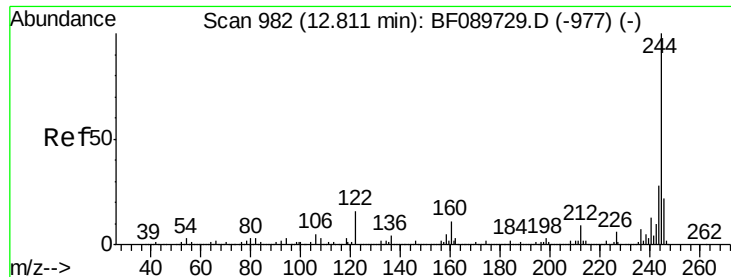


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.03 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089749.D

Acq: 17 Aug 2016 7:34

Instrument :

BNA_F

ClientSampleId :

MW-4

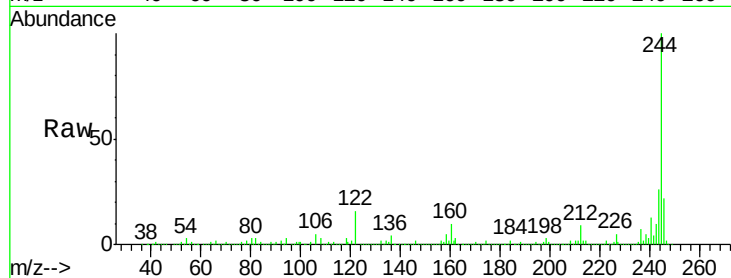
Tot Ion:244 Resp: 5206516

Ion Ratio Lower Upper

244 100

212 9.2 6.3 9.5

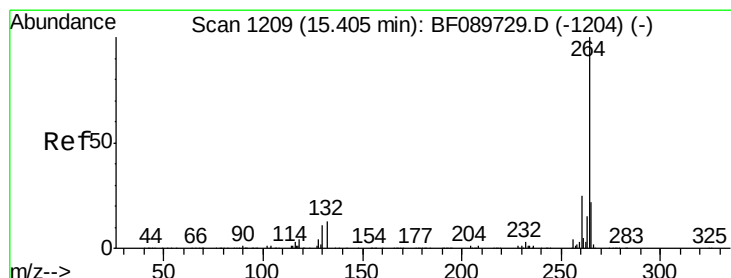
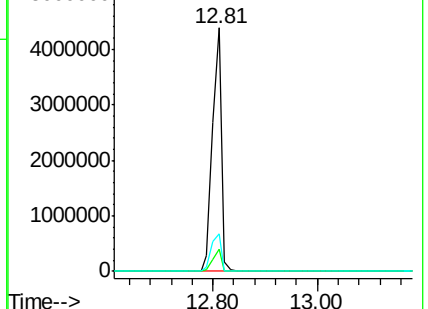
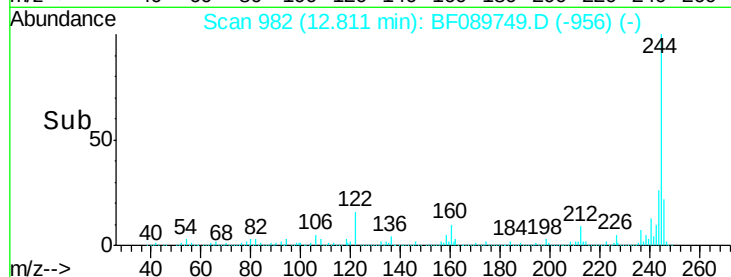
122 15.6 12.0 18.0



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: 15.36 min Scan# 1205

Delta R.T. -0.05 min

Lab File: BF089749.D

Acq: 17 Aug 2016 7:34

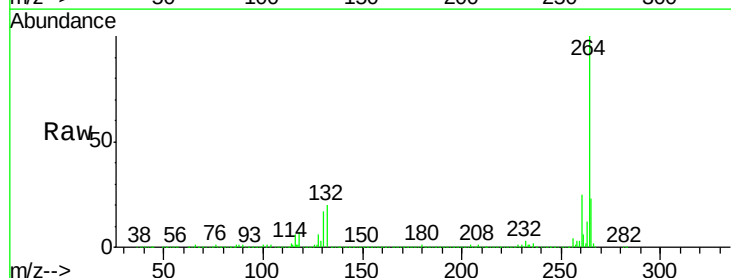
Tgt Ion:264 Resp: 2029721

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

265 22.6 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

