

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089846.D
 Acq On : 23 Aug 2016 20:17
 Operator : UM/SJ
 Sample : H4547-23
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-18(2.5-3)

Quant Time: Aug 25 14:02:07 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

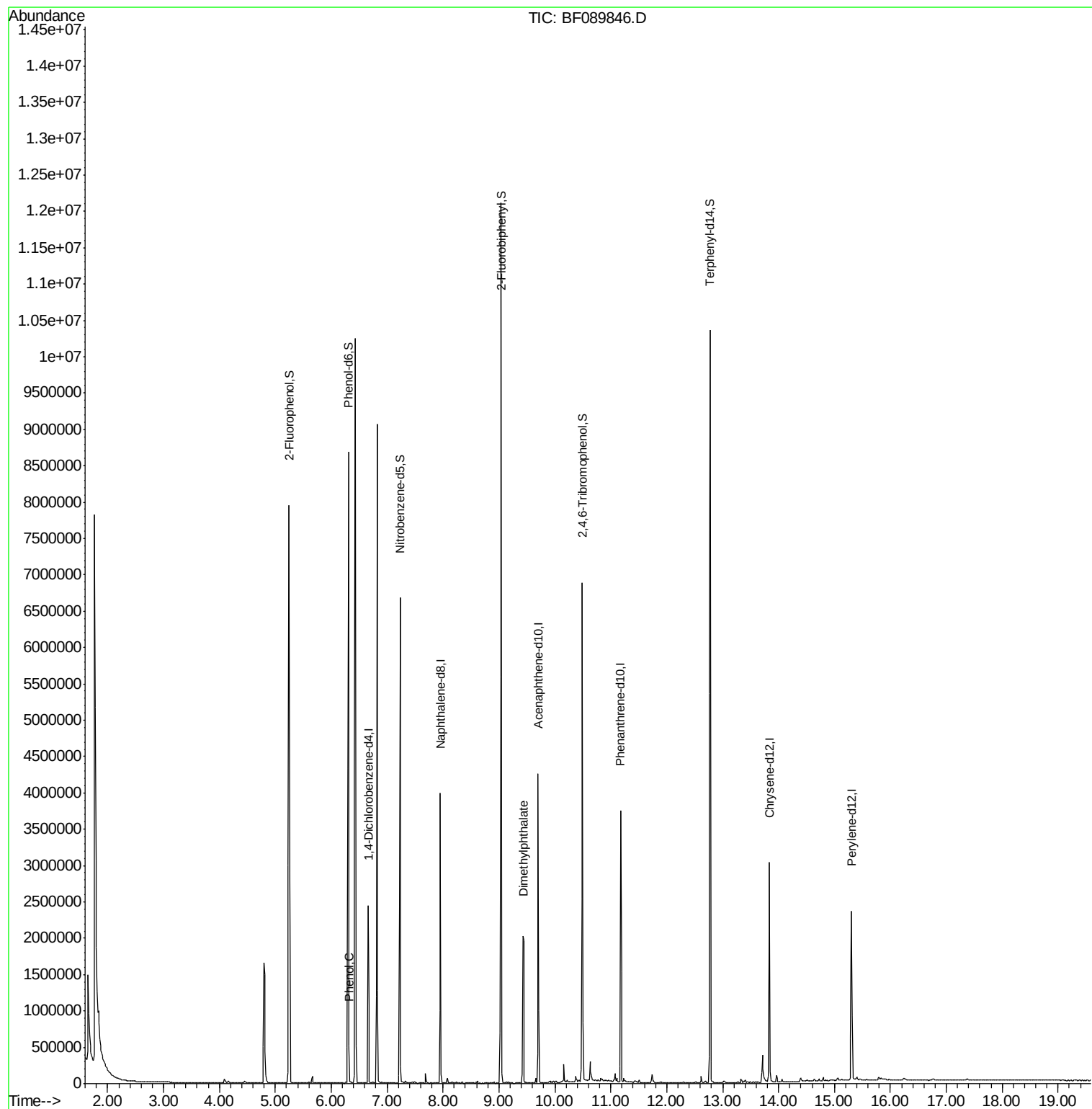
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	433353	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1810391	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	832082	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1497172	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	1356611	20.00	ng	-0.03
86) Perylene-d12	15.30	264	992282	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	3140654	124.28	ng	-0.01
7) Phenol-d6	6.31	99	3697966	119.21	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2314018	79.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	896099	113.32	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4197865	88.67	ng	-0.01
78) Terphenyl-d14	12.78	244	3493073	58.25	ng	-0.01
Target Compounds						
10) Phenol	6.32	94	81079	2.23	ng	Qvalue 75
49) Dimethylphthalate	9.44	163	1397240	23.85	ng	# 97

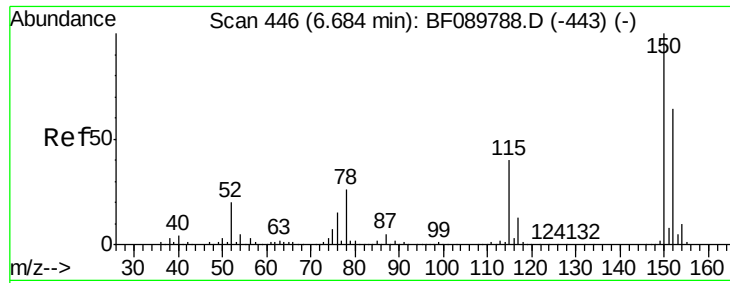
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
Data File : BF089846.D
Acq On : 23 Aug 2016 20:17
Operator : UM/SJ
Sample : H4547-23
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-18(2.5-3)

Quant Time: Aug 25 14:02:07 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

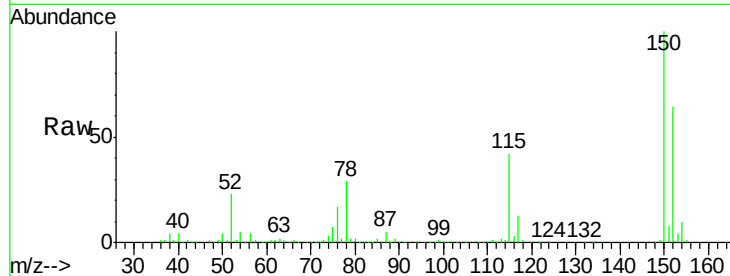




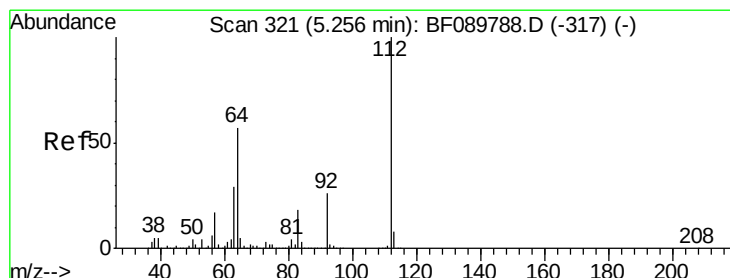
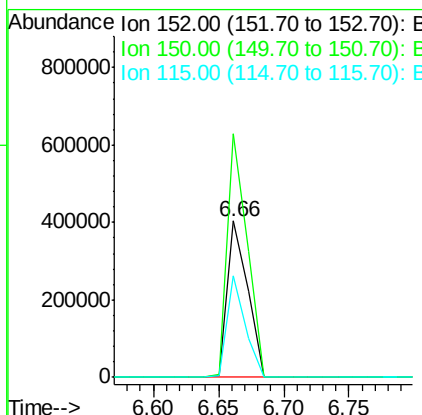
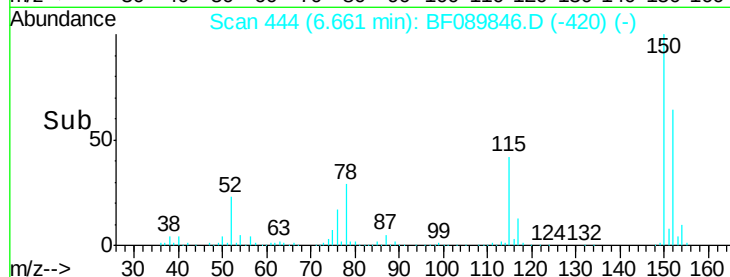
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF089846.D
 Acq: 23 Aug 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 D-18(2.5-3)

Tgt Ion:152 Resp: 433353
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.3 187.9
 115 65.4 40.9 61.3#

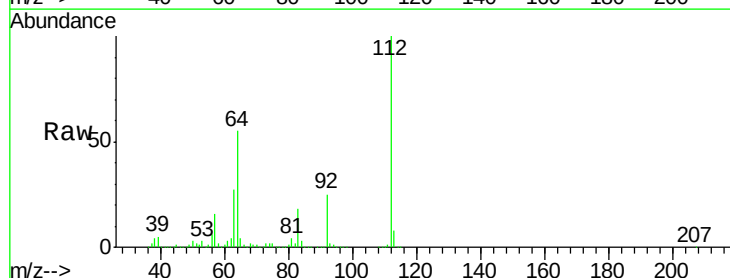


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

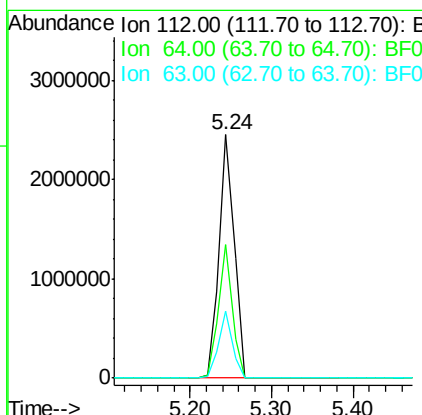
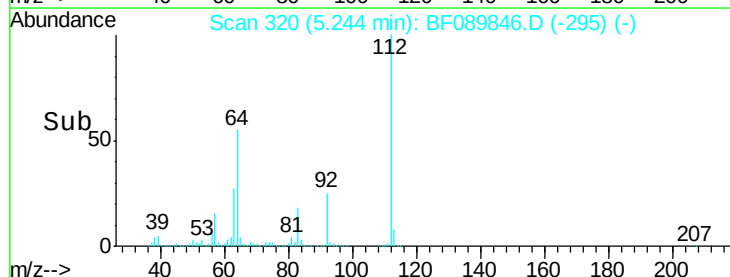


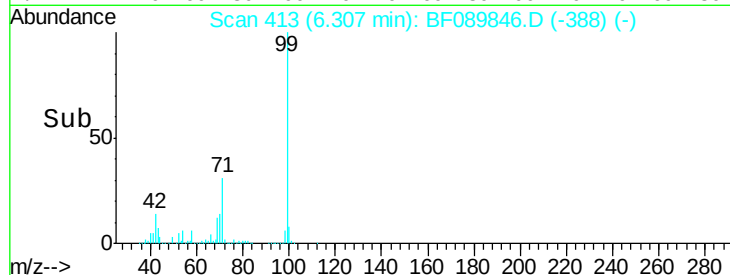
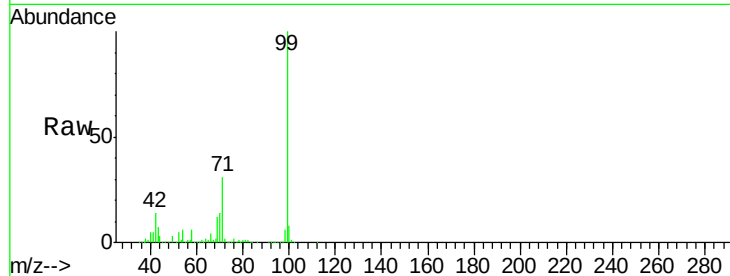
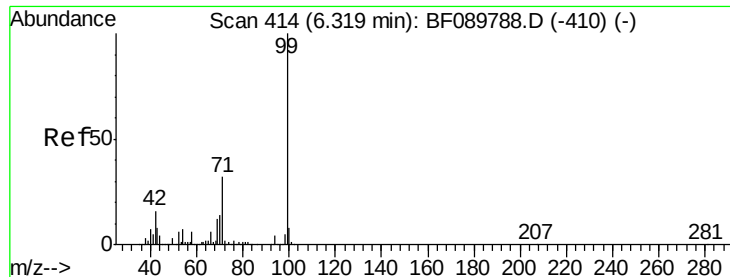
#5
 2-Fluorophenol
 Concen: 124.28 ng
 RT: 5.24 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: BF089846.D
 Acq: 23 Aug 2016 20:17

Tgt Ion:112 Resp: 3140654
 Ion Ratio Lower Upper
 112 100
 64 55.1 45.0 67.4
 63 27.4 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: 119.21 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089846.D

Acq: 23 Aug 2016 20:17

Instrument :

BNA_F

ClientSampleId :

D-18(2.5-3)

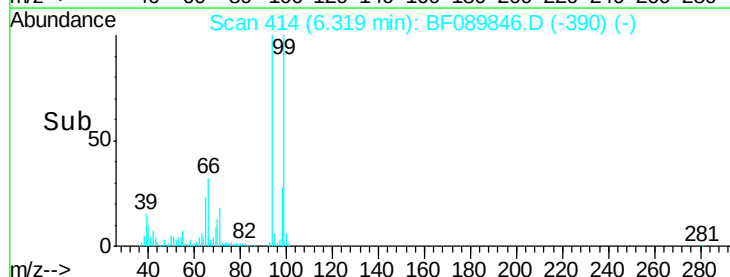
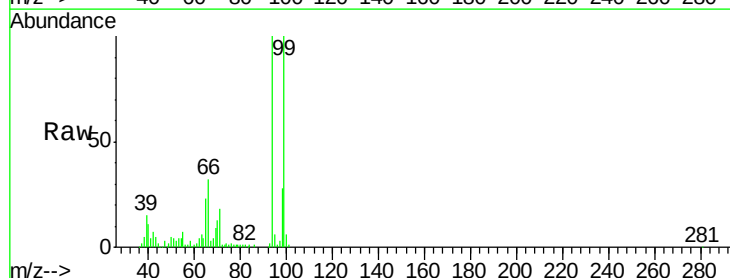
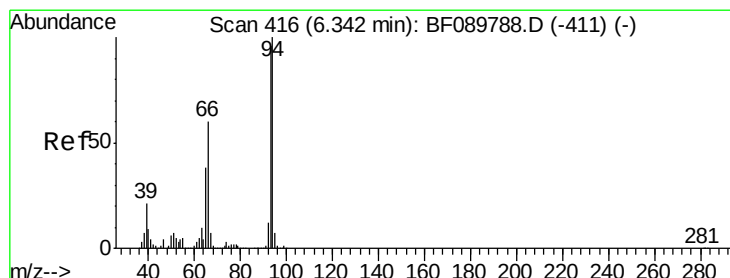
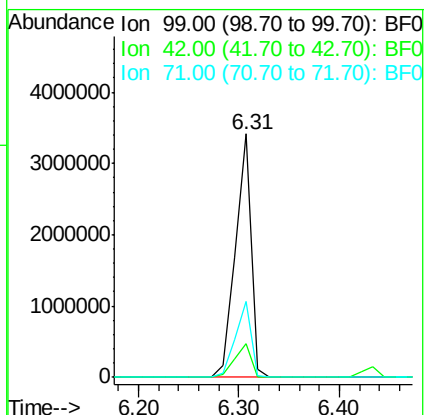
Tgt Ion: 99 Resp: 3697966

Ion Ratio Lower Upper

99 100

42 14.1 12.2 18.4

71 31.3 23.8 35.8



#10

Phenol

Concen: 2.23 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089846.D

Acq: 23 Aug 2016 20:17

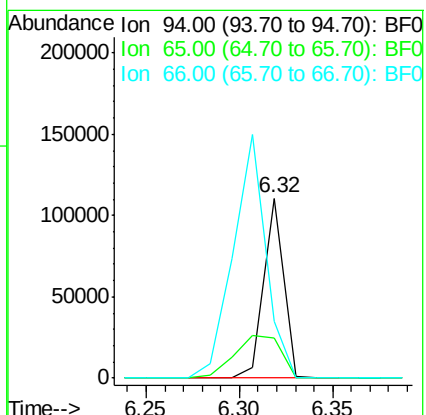
Tgt Ion: 94 Resp: 81079

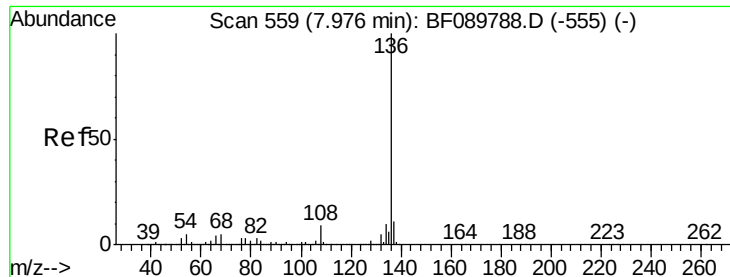
Ion Ratio Lower Upper

94 100

65 22.5 14.0 54.0

66 31.7 31.2 71.2

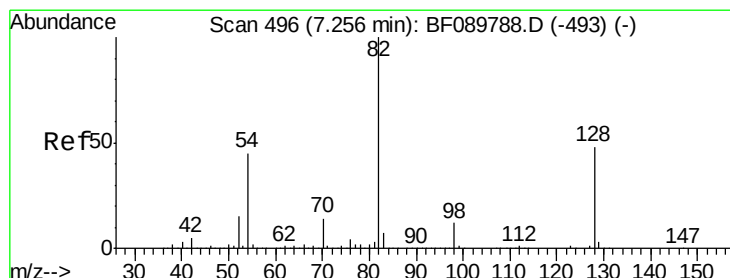
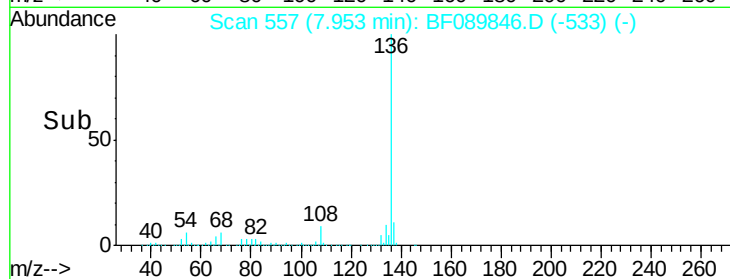
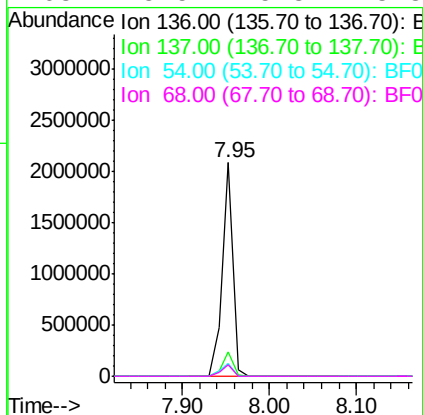
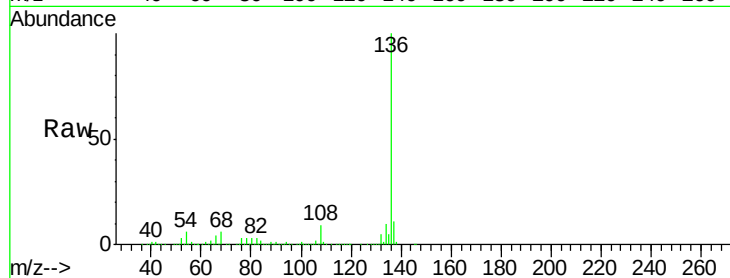




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089846.D
Acq: 23 Aug 2016 20:17

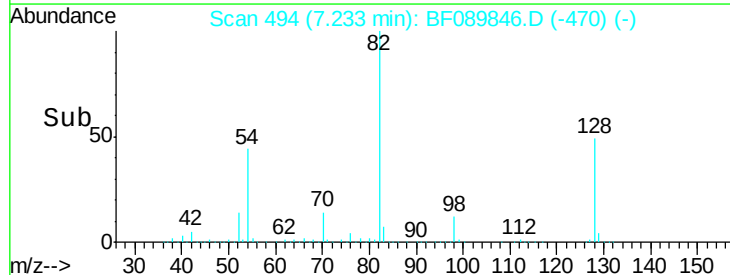
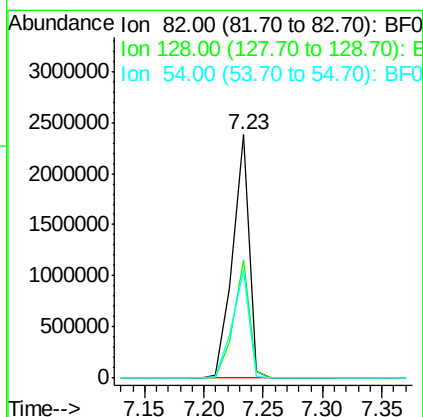
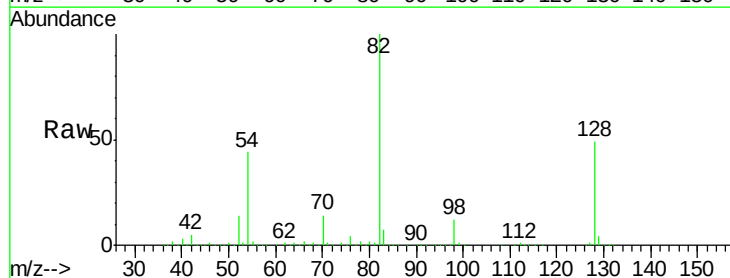
Instrument :
BNA_F
ClientSampleId :
D-18(2.5-3)

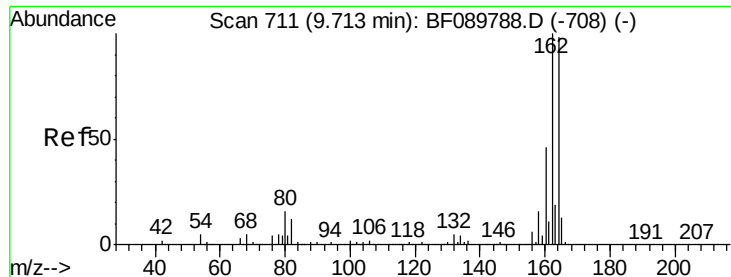
Tgt Ion:	136	Resp:	1810391
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.8	7.2	10.8#
68	5.5	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 79.41 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF089846.D
Acq: 23 Aug 2016 20:17

Tgt Ion:	82	Resp:	2314018
Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.4	51.6
54	44.3	40.3	60.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089846.D

Acq: 23 Aug 2016 20:17

Instrument :

BNA_F

ClientSampleId :

D-18(2.5-3)

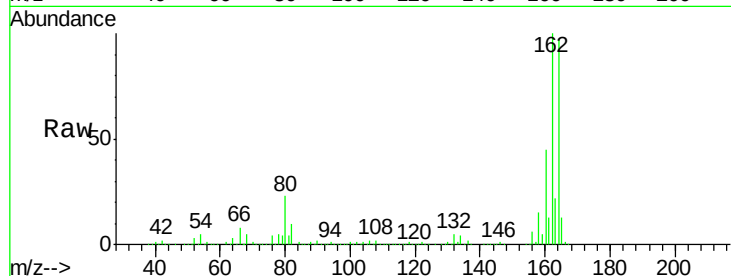
Tgt Ion:164 Resp: 832082

Ion Ratio Lower Upper

164 100

162 102.9 81.4 122.2

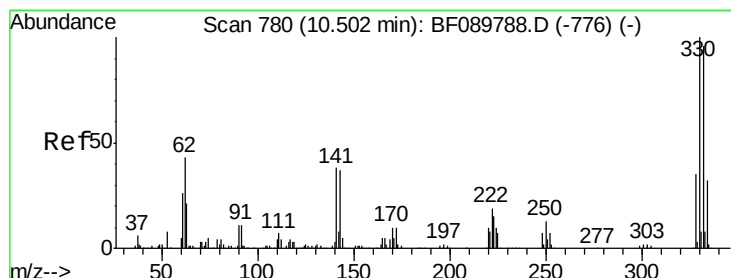
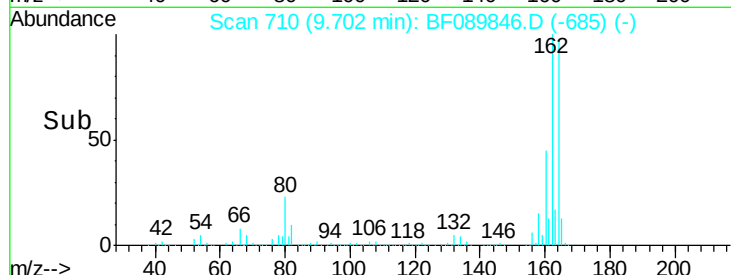
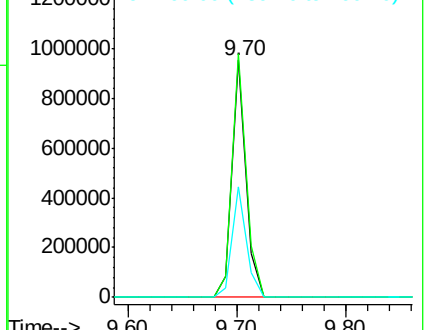
160 46.7 37.8 56.6



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: 113.32 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF089846.D

Acq: 23 Aug 2016 20:17

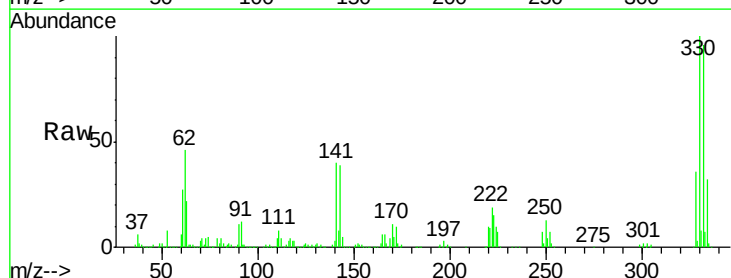
Tgt Ion:330 Resp: 896099

Ion Ratio Lower Upper

330 100

332 96.9 76.7 115.1

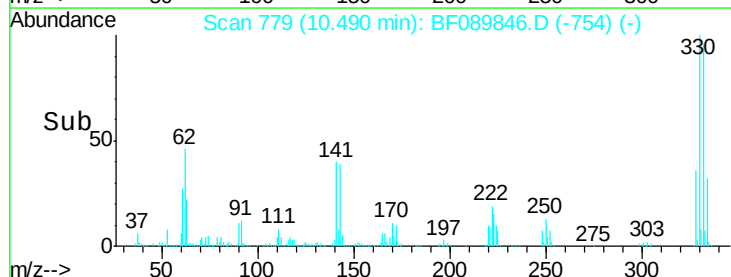
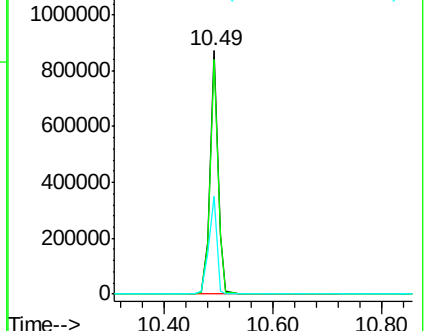
141 40.1 30.2 45.2

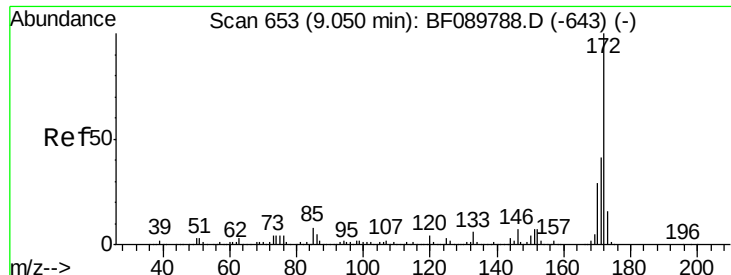


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

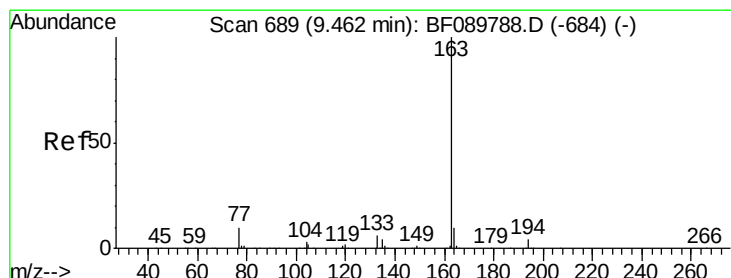
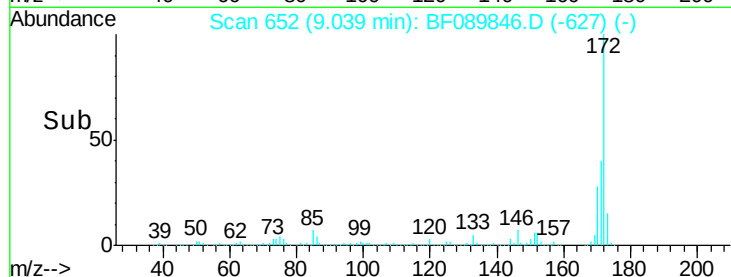
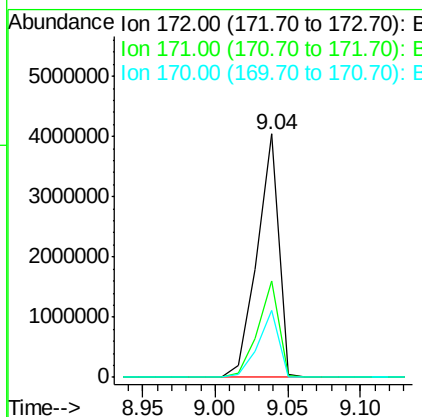
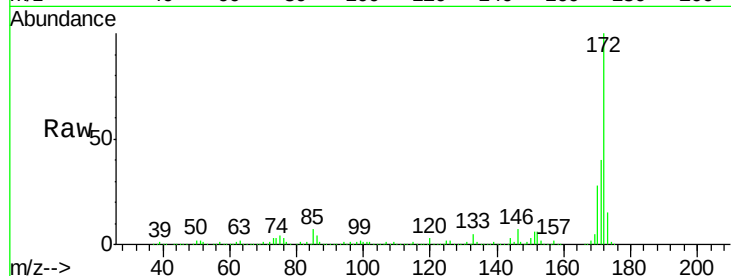




#44
 2-Fluorobiphenyl
 Concen: 88.67 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089846.D
 Acq: 23 Aug 2016 20:17

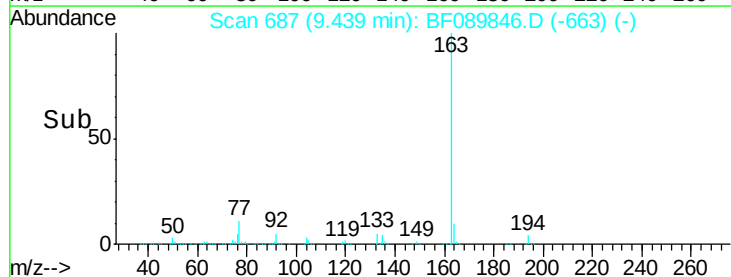
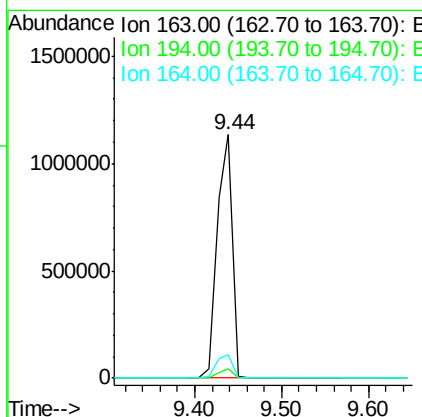
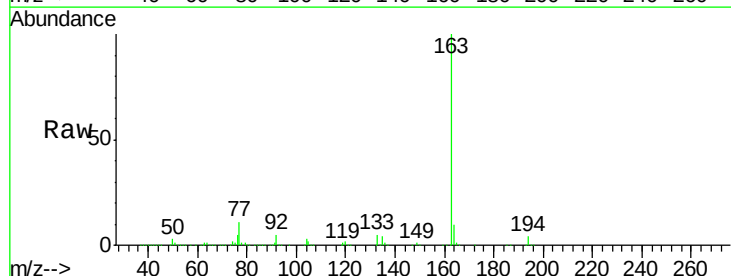
Instrument :
 BNA_F
 ClientSampled :
 D-18(2.5-3)

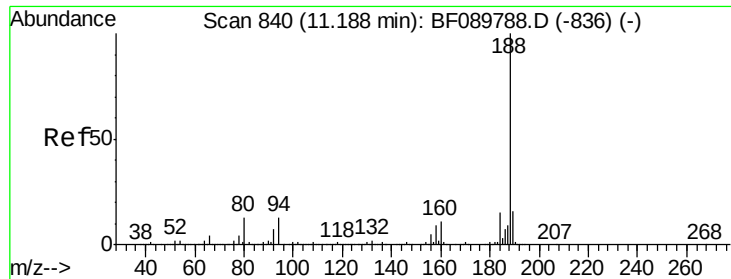
Tgt Ion:172 Resp: 4197865
 Ion Ratio Lower Upper
 172 100
 171 39.7 30.5 45.7
 170 27.6 20.6 31.0



#49
 Dimethylphthalate
 Concen: 23.85 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF089846.D
 Acq: 23 Aug 2016 20:17

Tgt Ion:163 Resp: 1397240
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.6 3.8#
 164 9.6 8.6 12.8

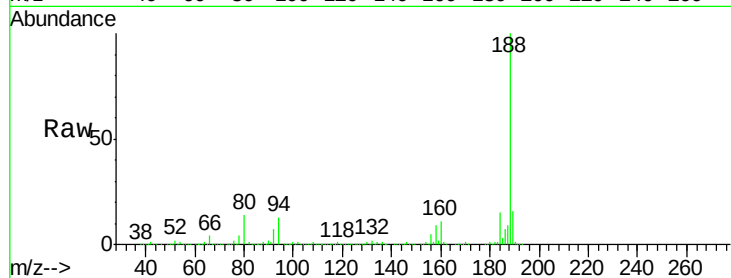




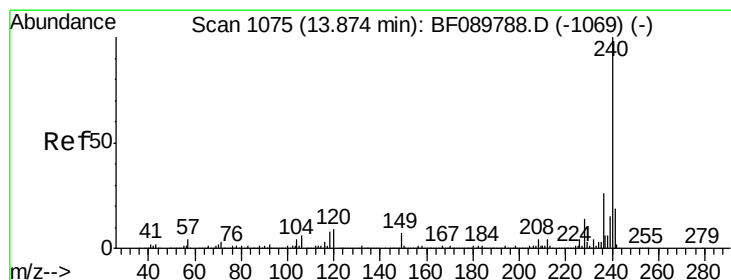
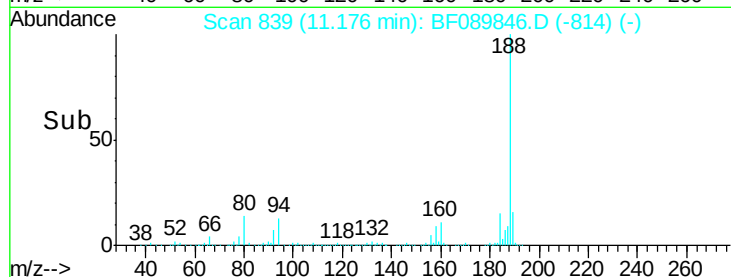
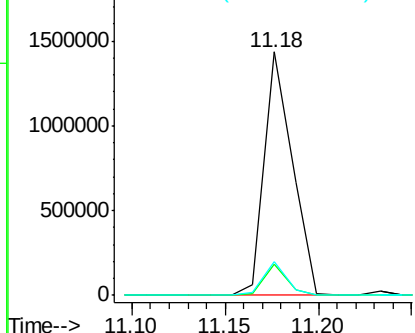
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089846.D
Acq: 23 Aug 2016 20:17

Instrument :
BNA_F
ClientSampleId :
D-18(2.5-3)

Tgt Ion:188 Resp: 1497172
Ion Ratio Lower Upper
188 100
94 12.9 10.2 15.2
80 13.7 10.9 16.3

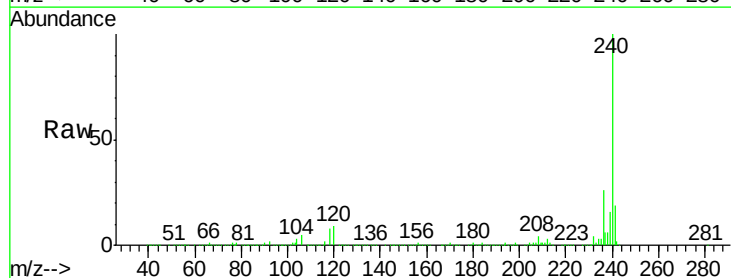


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

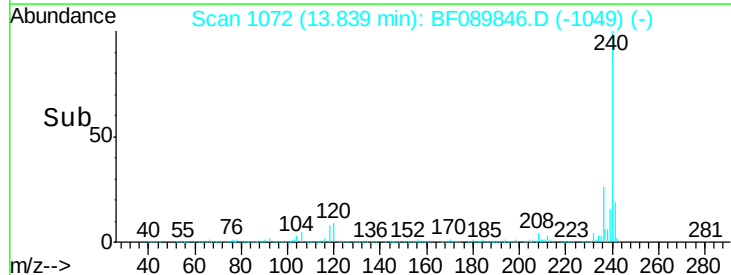
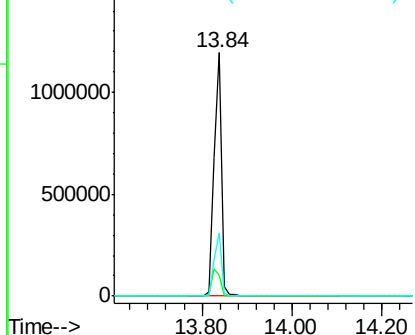


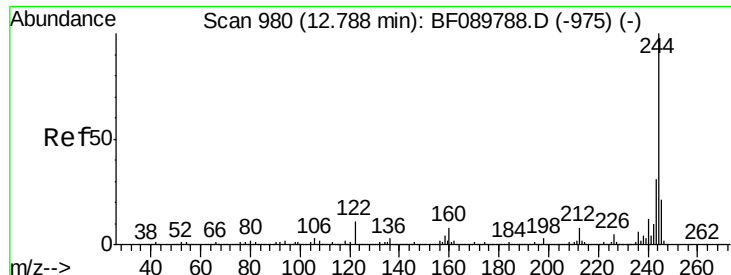
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BF089846.D
Acq: 23 Aug 2016 20:17

Tgt Ion:240 Resp: 1356611
Ion Ratio Lower Upper
240 100
120 8.7 8.3 12.5
236 26.1 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

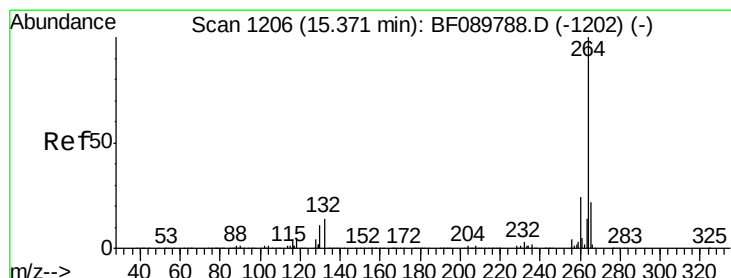
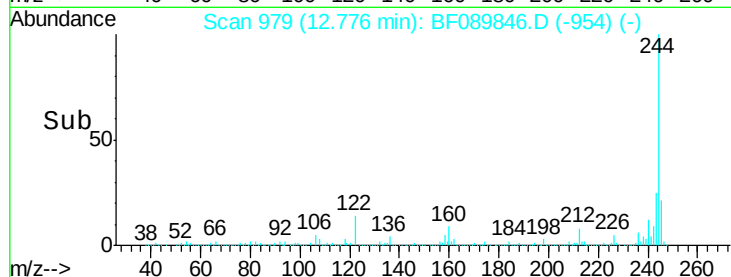
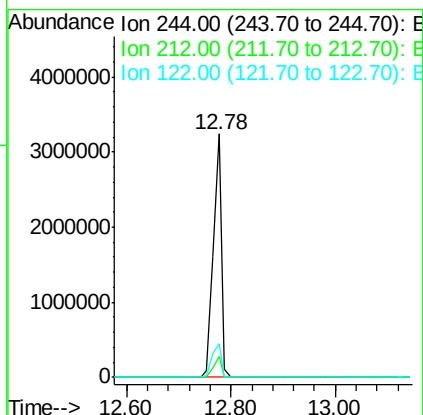
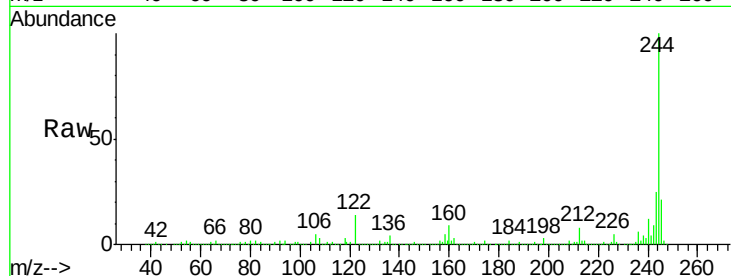




#78
 Terphenyl-d14
 Concen: 58.25 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF089846.D
 Acq: 23 Aug 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 D-18(2.5-3)

Tgt Ion:244 Resp: 3493073
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.3 9.5
 122 14.1 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: BF089846.D
 Acq: 23 Aug 2016 20:17

Tgt Ion:264 Resp: 992282
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.2 30.2
 265 22.0 17.4 26.2

