

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089844.D
 Acq On : 23 Aug 2016 19:24
 Operator : UM/SJ
 Sample : H4547-21
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-16(2-2.5)

Quant Time: Aug 25 13:59:50 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

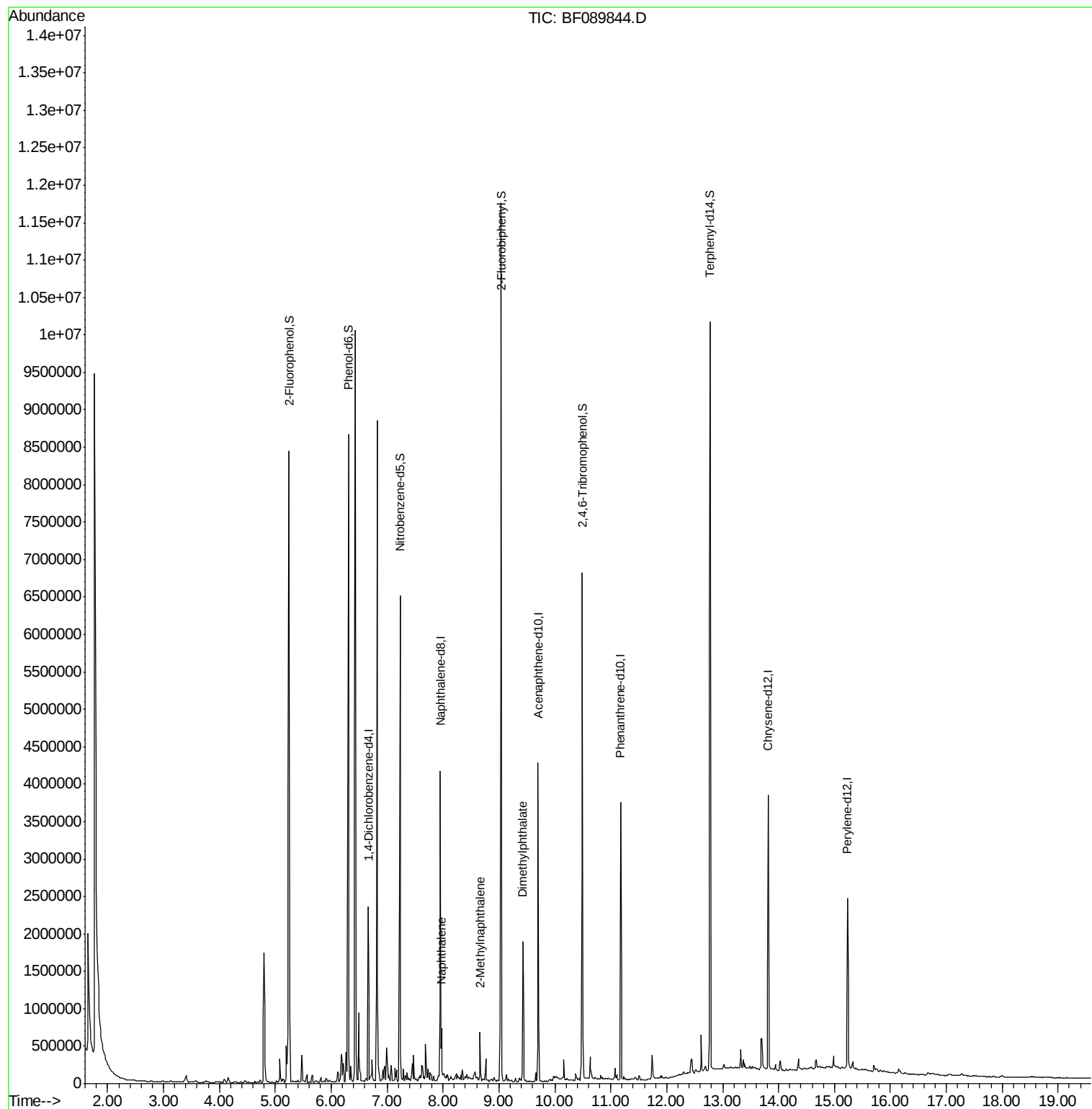
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	414450	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1729840	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	810999	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1442783	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	1269085	20.00	ng	-0.06
86) Perylene-d12	15.23	264	1023797	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2895049	119.79	ng	-0.01
7) Phenol-d6	6.31	99	3682280	124.12	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2260447	81.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	883496	114.63	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4190887	90.82	ng	-0.01
78) Terphenyl-d14	12.78	244	3567601	63.60	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	7.98	128	300505	3.72	ng	98
37) 2-Methylnaphthalene	8.66	142	163895	3.13	ng	97
49) Dimethylphthalate	9.43	163	843002	14.76	ng	100

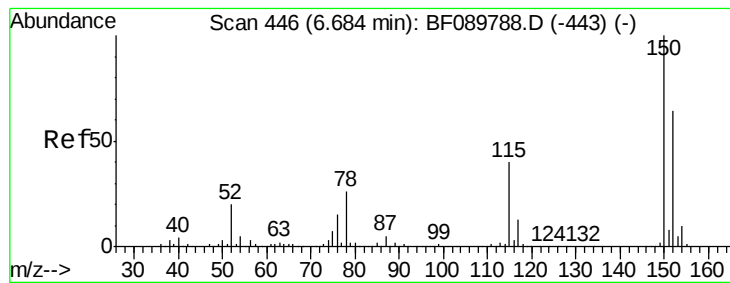
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
Data File : BF089844.D
Acq On : 23 Aug 2016 19:24
Operator : UM/SJ
Sample : H4547-21
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-16(2-2.5)

Quant Time: Aug 25 13:59:50 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089844.D

Acq: 23 Aug 2016 19:24

Instrument :

BNA_F

ClientSampleId :

D-16(2-2.5)

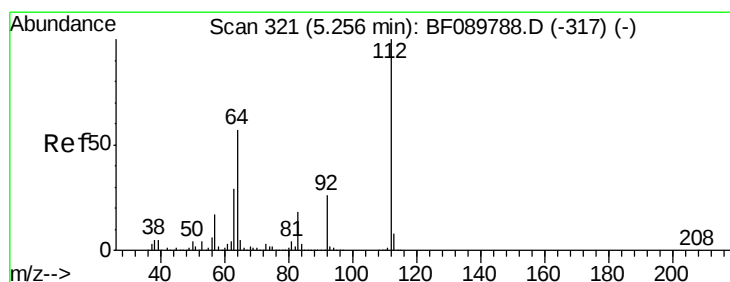
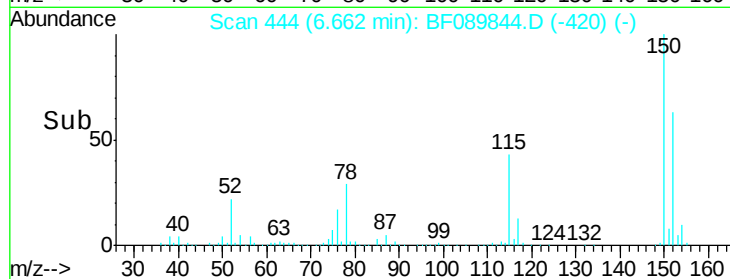
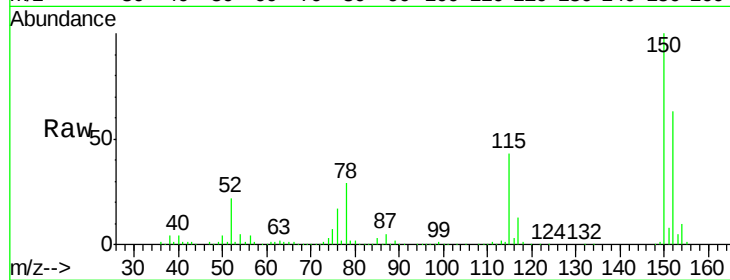
Tgt Ion:152 Resp: 414450

Ion Ratio Lower Upper

152 100

150 158.3 125.3 187.9

115 67.4 40.9 61.3#



#5

2-Fluorophenol

Concen: 119.79 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089844.D

Acq: 23 Aug 2016 19:24

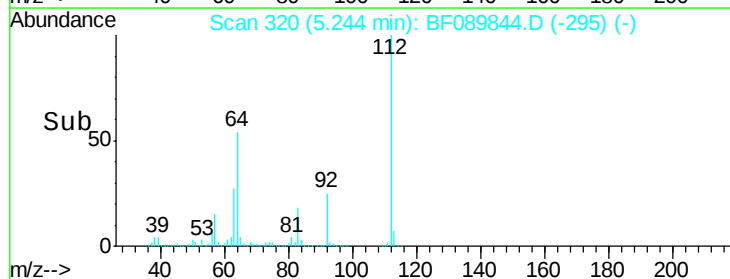
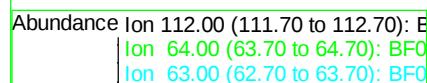
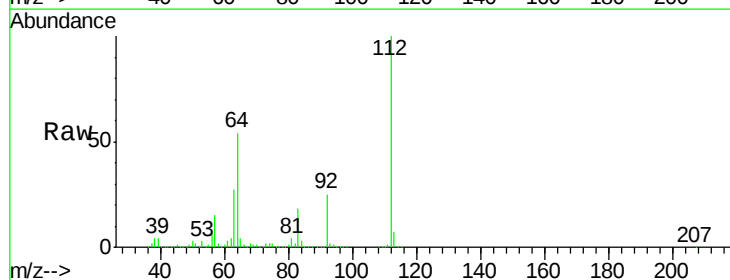
Tgt Ion:112 Resp: 2895049

Ion Ratio Lower Upper

112 100

64 54.2 45.0 67.4

63 27.2 23.1 34.7





#7

Phenol-d6

Concen: 124.12 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089844.D

Acq: 23 Aug 2016 19:24

Instrument :

BNA_F

ClientSampleId :

D-16(2-2.5)

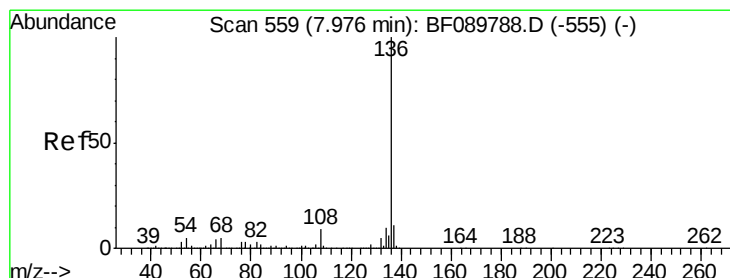
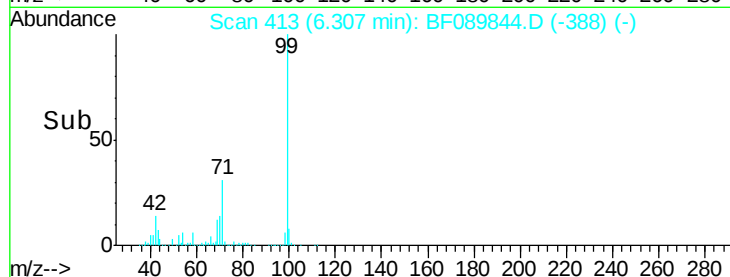
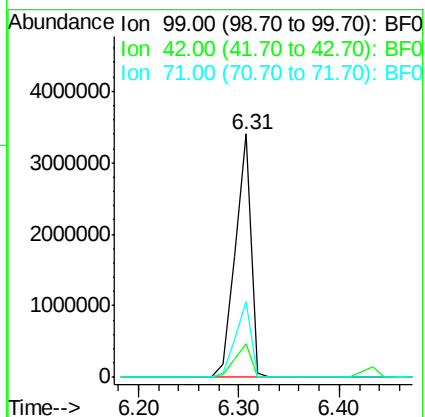
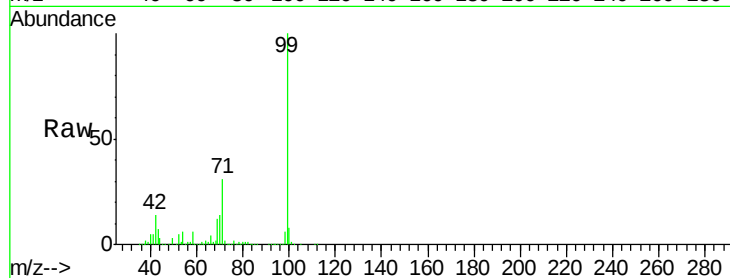
Tgt Ion: 99 Resp: 3682280

Ion Ratio Lower Upper

99 100

42 13.8 12.2 18.4

71 31.0 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: BF089844.D

Acq: 23 Aug 2016 19:24

Tgt Ion: 136 Resp: 1729840

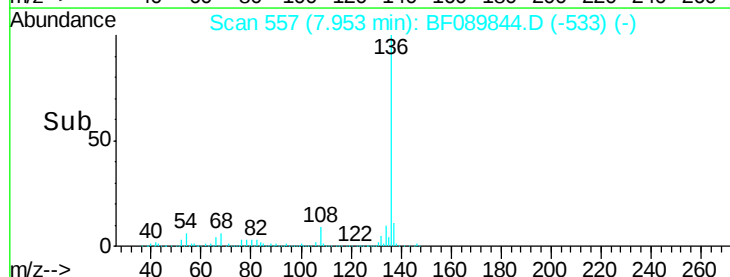
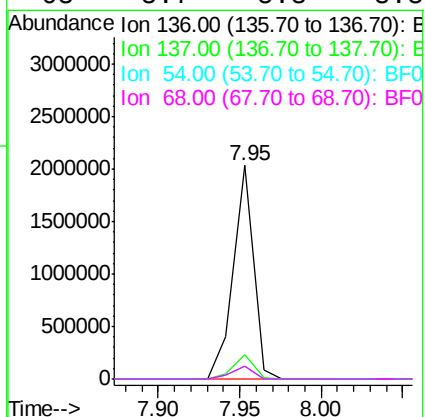
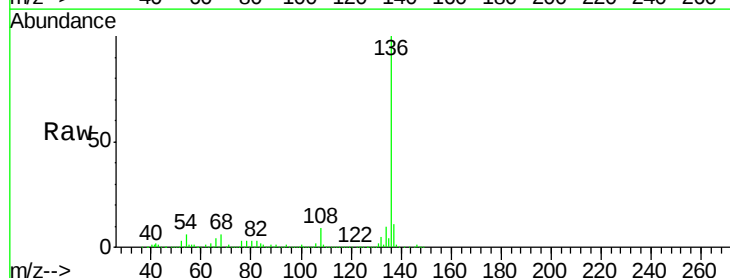
Ion Ratio Lower Upper

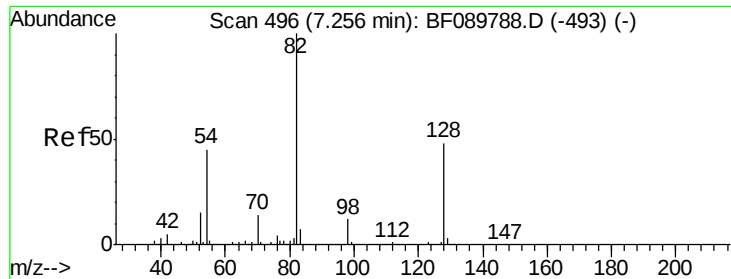
136 100

137 11.5 9.2 13.8

54 6.1 7.2 10.8#

68 5.7 5.8 8.8#

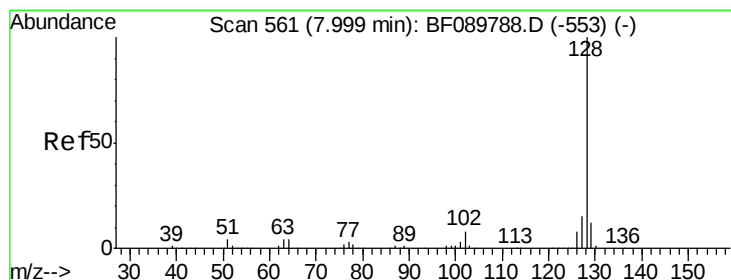
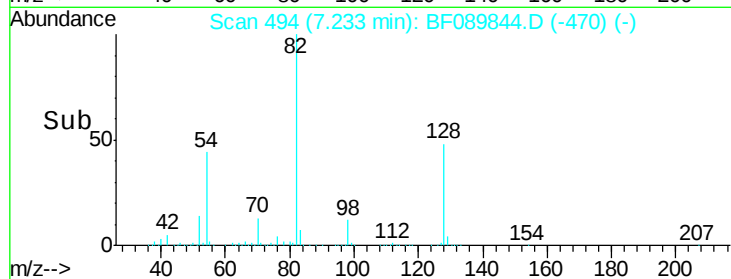
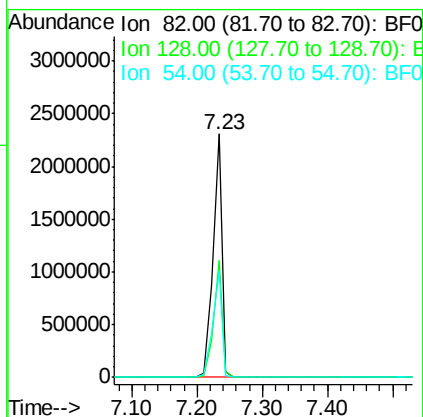
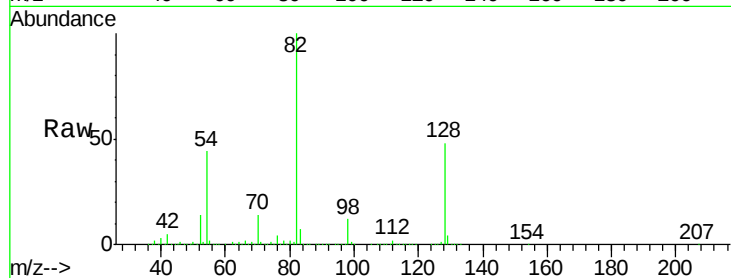




#23
 Nitrobenzene-d5
 Concen: 81.18 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089844.D
 Acq: 23 Aug 2016 19:24

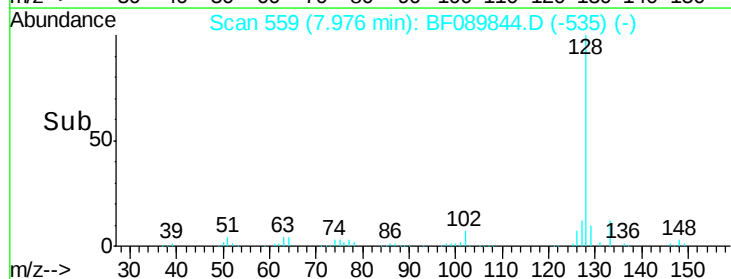
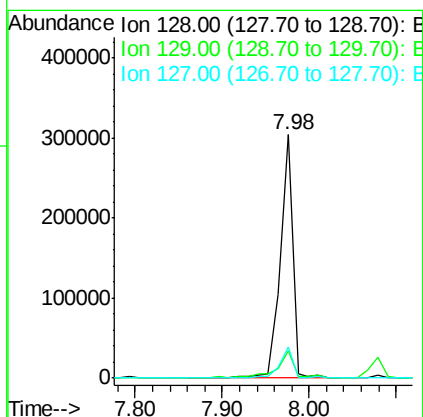
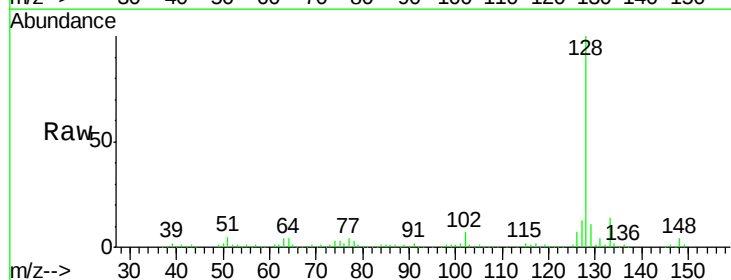
Instrument :
 BNA_F
 ClientSampleId :
 D-16(2-2.5)

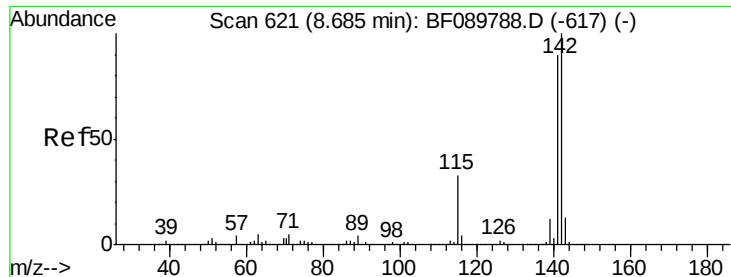
Tgt Ion: 82 Resp: 2260447
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.4 51.6
 54 44.1 40.3 60.5



#31
 Naphthalene
 Concen: 3.72 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF089844.D
 Acq: 23 Aug 2016 19:24

Tgt Ion: 128 Resp: 300505
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.5 14.3
 127 12.8 11.3 16.9

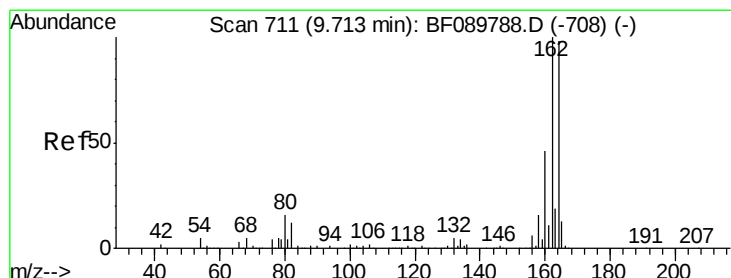
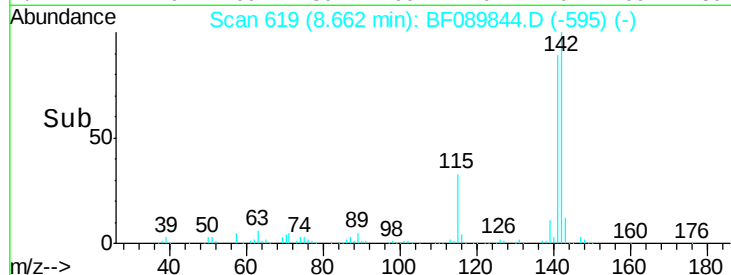
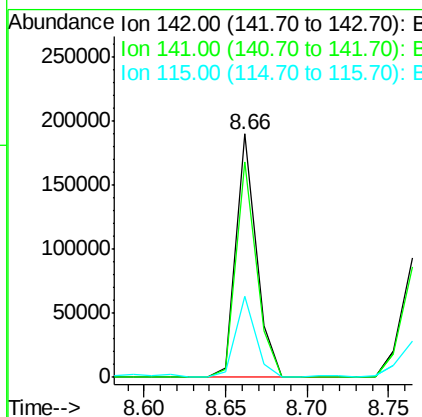
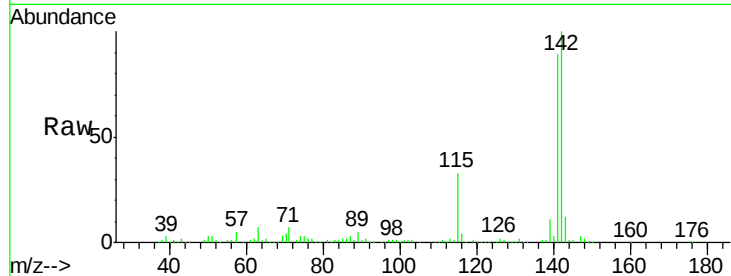




#37
 2-Methylnaphthalene
 Concen: 3.13 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF089844.D
 Acq: 23 Aug 2016 19:24

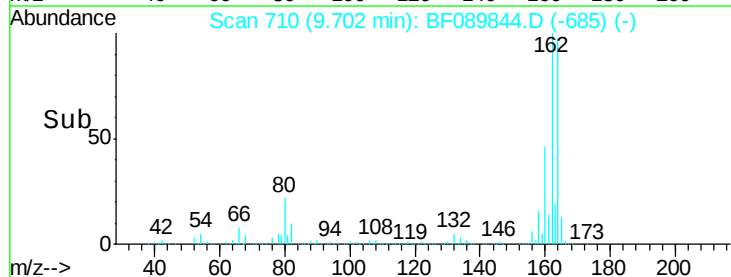
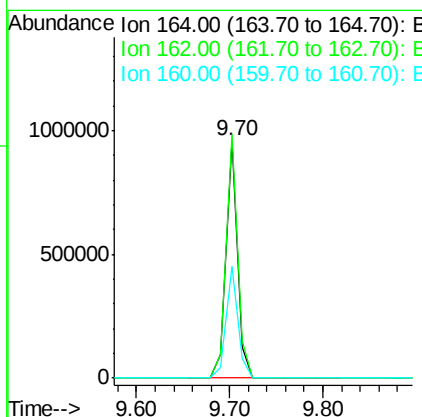
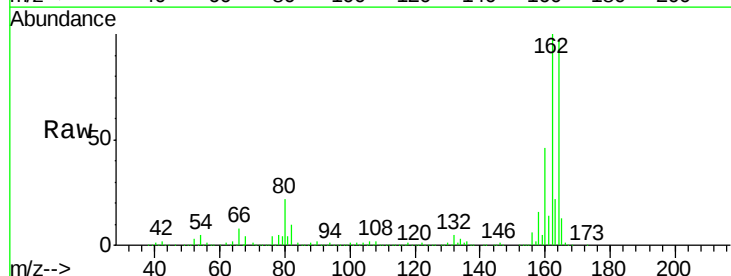
Instrument :
 BNA_F
 ClientSampleId :
 D-16(2-2.5)

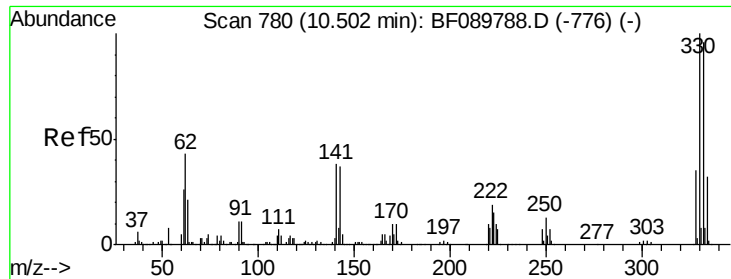
Tgt Ion:142 Resp: 163895
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.4 107.2
 115 33.0 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089844.D
 Acq: 23 Aug 2016 19:24

Tgt Ion:164 Resp: 810999
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.4 122.2
 160 47.2 37.8 56.6

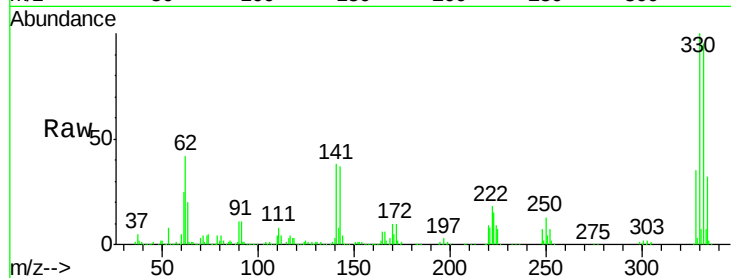




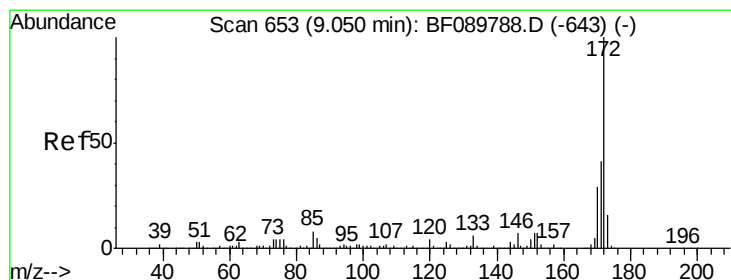
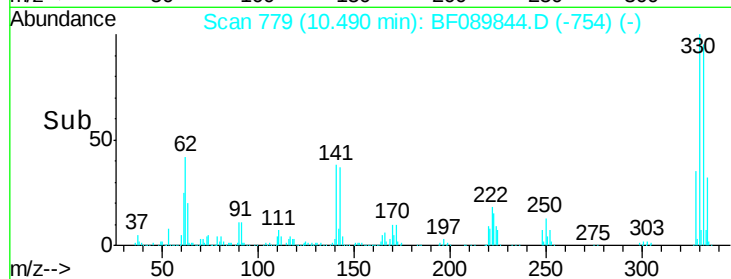
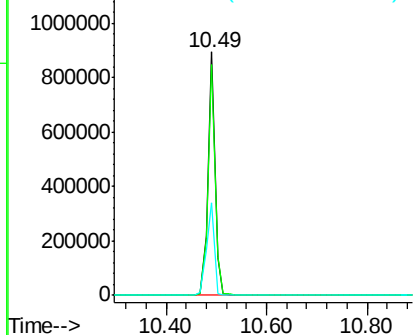
#41
 2,4,6-Tribromophenol
 Concen: 114.63 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089844.D
 Acq: 23 Aug 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 D-16(2-2.5)

Tgt Ion:330 Resp: 883496
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.7 115.1
 141 41.4 30.2 45.2

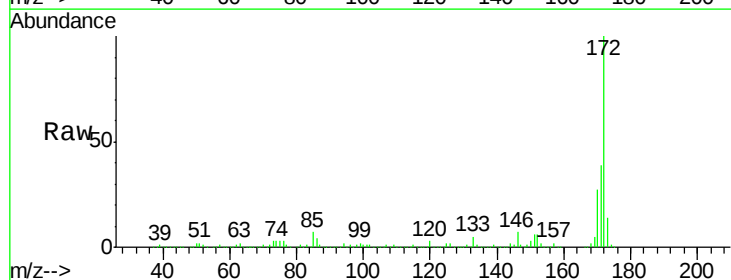


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

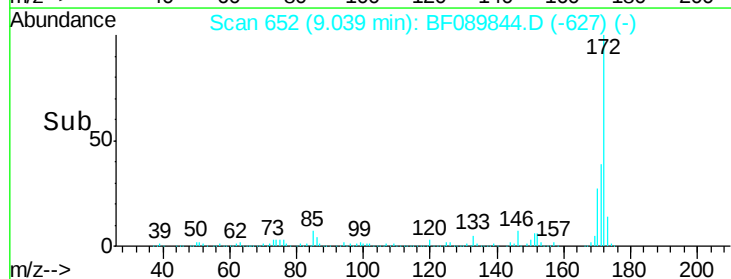
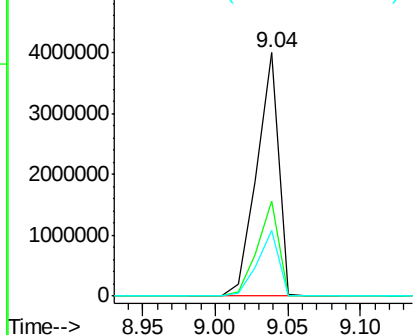


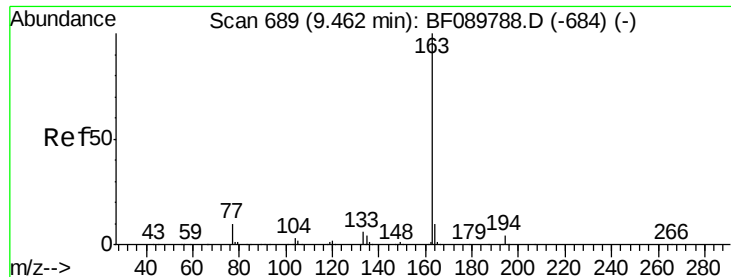
#44
 2-Fluorobiphenyl
 Concen: 90.82 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089844.D
 Acq: 23 Aug 2016 19:24

Tgt Ion:172 Resp: 4190887
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.5 45.7
 170 27.2 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

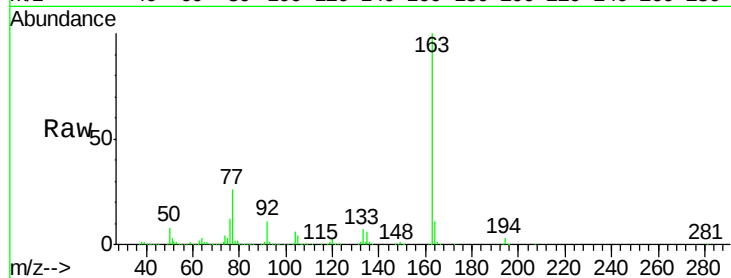




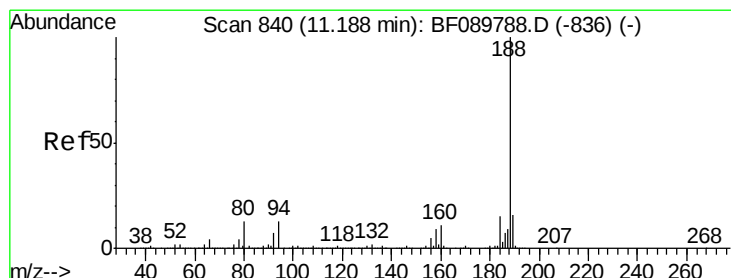
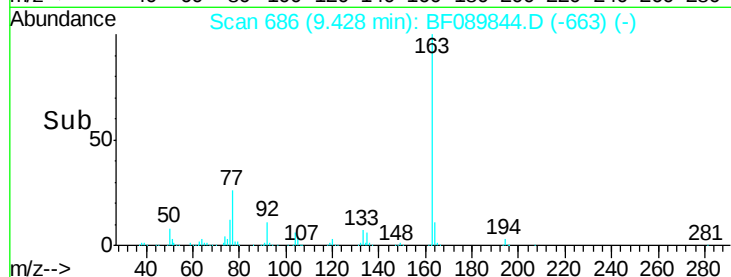
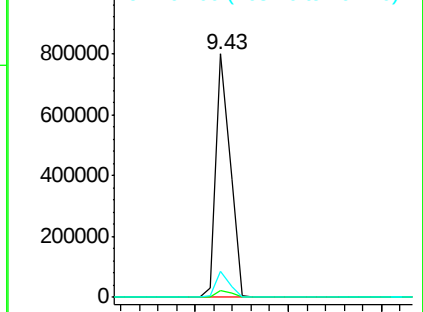
#49
Dimethylphthalate
Concen: 14.76 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF089844.D
Acq: 23 Aug 2016 19:24

Instrument :
BNA_F
ClientSampleId :
D-16(2-2.5)

Tgt Ion:163 Resp: 843002
Ion Ratio Lower Upper
163 100
194 3.0 2.6 3.8
164 10.9 8.6 12.8

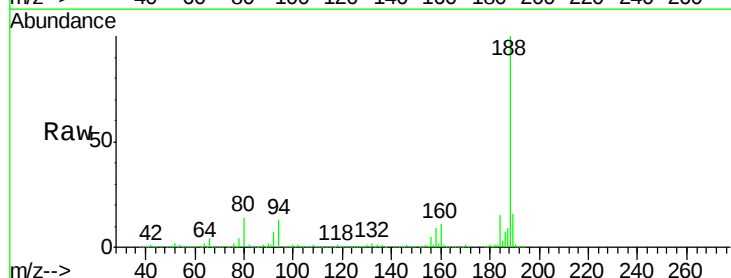


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

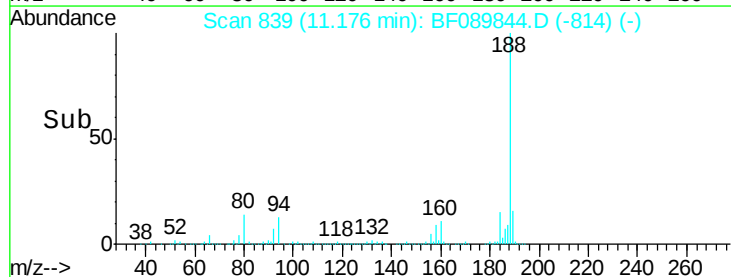
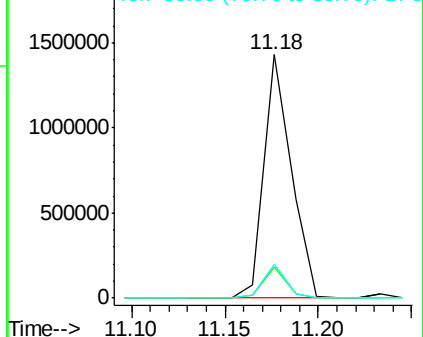


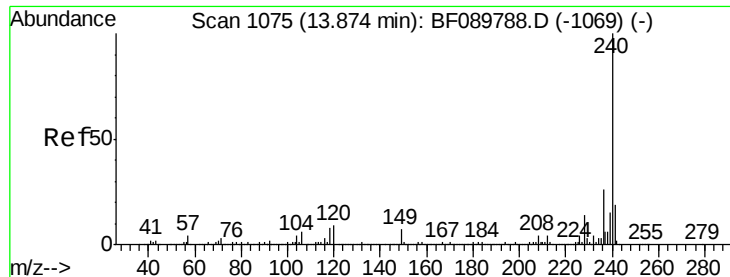
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089844.D
Acq: 23 Aug 2016 19:24

Tgt Ion:188 Resp: 1442783
Ion Ratio Lower Upper
188 100
94 12.8 10.2 15.2
80 13.6 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: BF089844.D

Acq: 23 Aug 2016 19:24

Instrument :

BNA_F

ClientSampleId :

D-16(2-2.5)

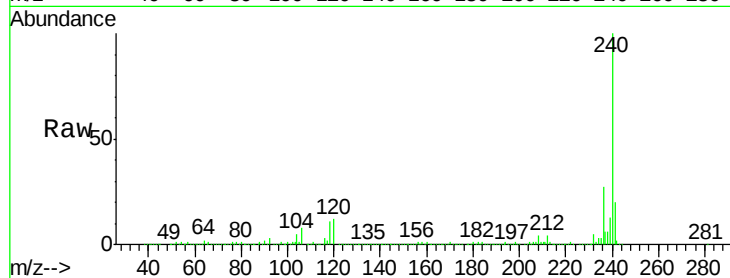
Tgt Ion:240 Resp: 1269085

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

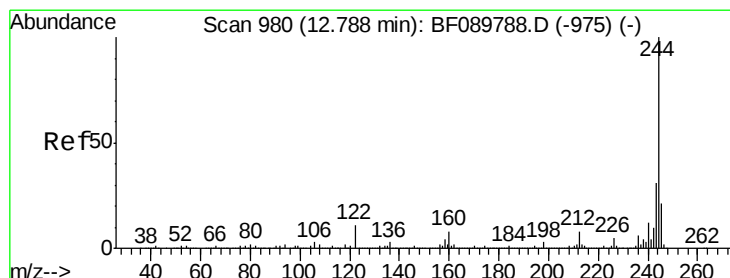
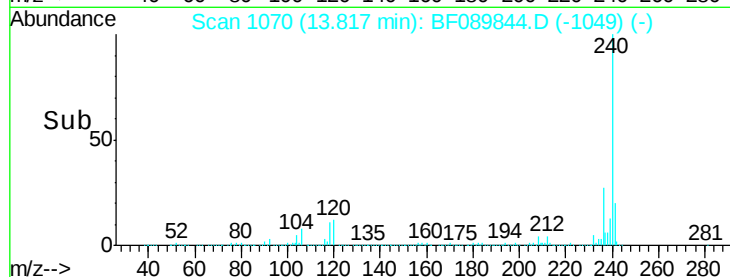
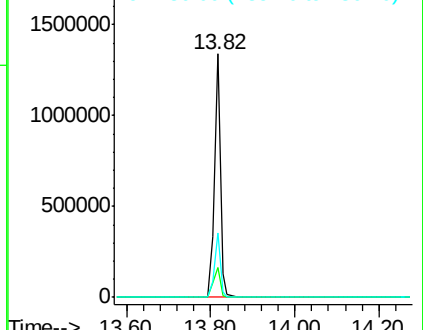
236 26.6 21.3 31.9



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: 63.60 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089844.D

Acq: 23 Aug 2016 19:24

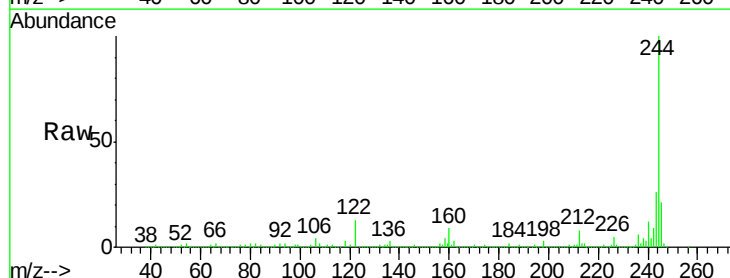
Tgt Ion:244 Resp: 3567601

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

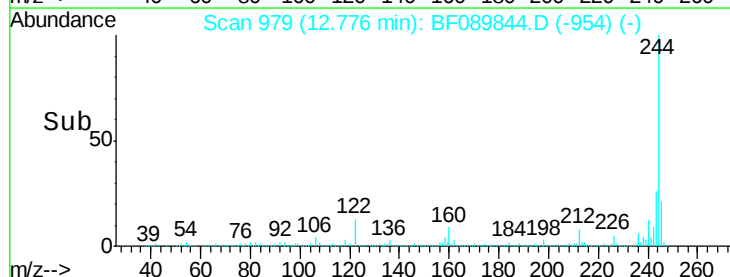
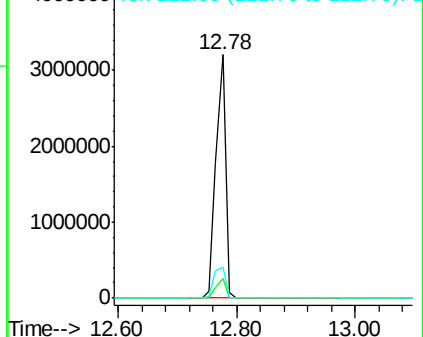
122 13.0 12.0 18.0

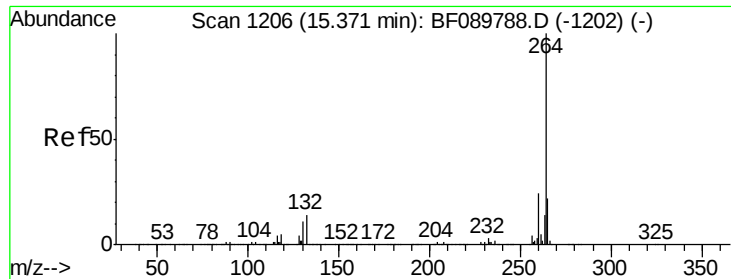


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 1194
Delta R.T. -0.14 min
Lab File: BF089844.D
Acq: 23 Aug 2016 19:24

Instrument :
BNA_F
ClientSampleId :
D-16(2-2.5)

Tgt Ion: 264 Resp: 1023797

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.2
265	22.7	17.4	26.2

