

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
 Data File : BF081928.D
 Acq On : 1 Oct 2015 4:26
 Operator : UM/IZ
 Sample : G3846-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 005-TB-5(4-8)

Quant Time: Oct 01 06:25:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 05:22:05 2015
 Response via : Initial Calibration

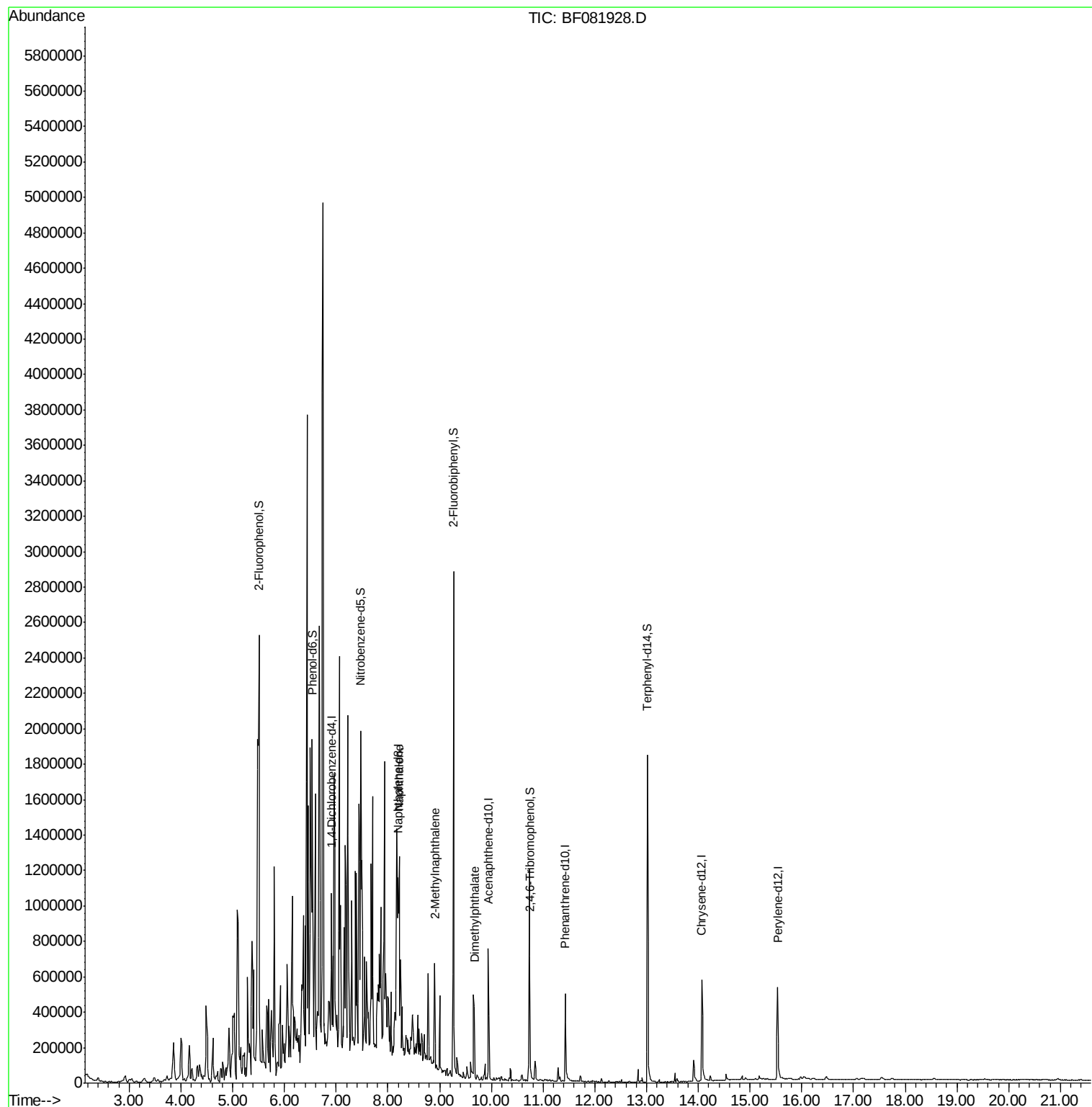
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	109875	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	398656	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	175401	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	286706	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	309726	20.00	ng	-0.01
86) Perylene-d12	15.53	264	298503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	685034	113.18	ng	0.01
7) Phenol-d6	6.54	99	902511	118.50	ng	0.00
23) Nitrobenzene-d5	7.47	82	527243	88.16	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	206167	116.06	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	939210	90.80	ng	0.00
78) Terphenyl-d14	13.02	244	735954	74.07	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.22	128	418172	23.67	ng	96
37) 2-Methylnaphthalene	8.90	142	187005	15.51	ng	# 91
49) Dimethylphthalate	9.67	163	298688	24.67	ng	# 97

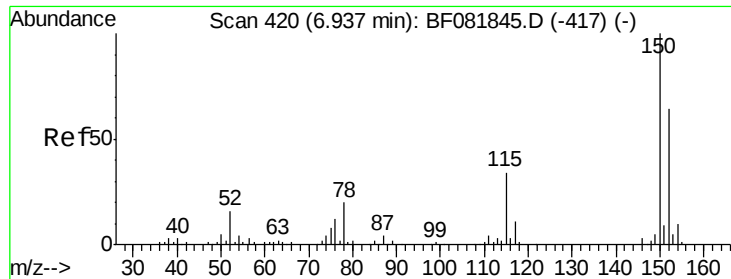
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081928.D
Acq On : 1 Oct 2015 4:26
Operator : UM/IZ
Sample : G3846-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
005-TB-5(4-8)

Quant Time: Oct 01 06:25:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 05:22:05 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF081928.D

Acq: 1 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

005-TB-5(4-8)

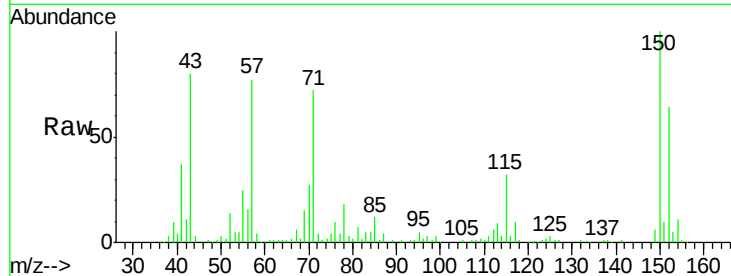
Tgt Ion:152 Resp: 109875

Ion Ratio Lower Upper

152 100

150 155.3 124.7 187.1

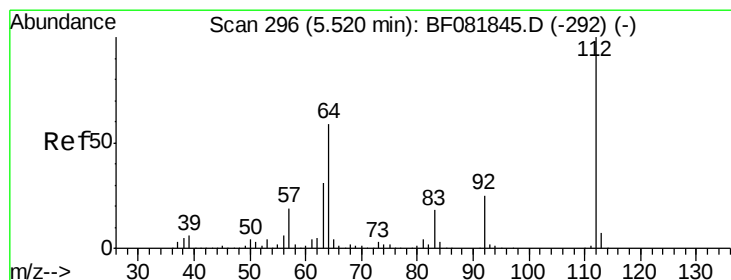
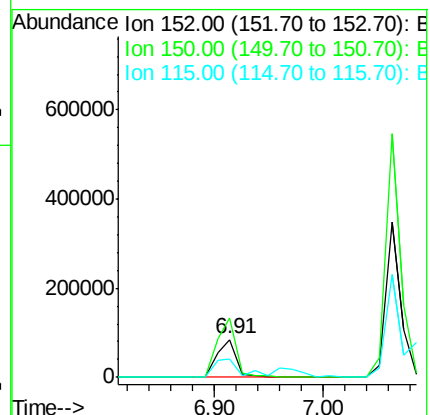
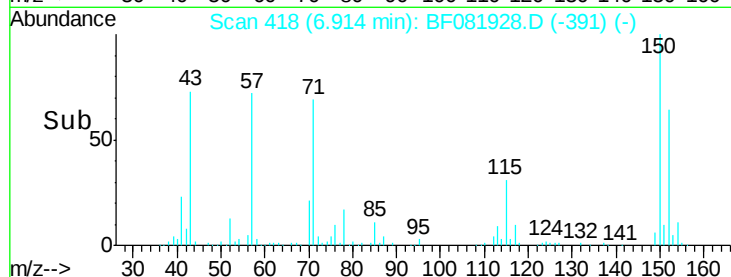
115 49.0 39.0 58.4



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: 113.18 ng

RT: 5.51 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF081928.D

Acq: 1 Oct 2015 4:26

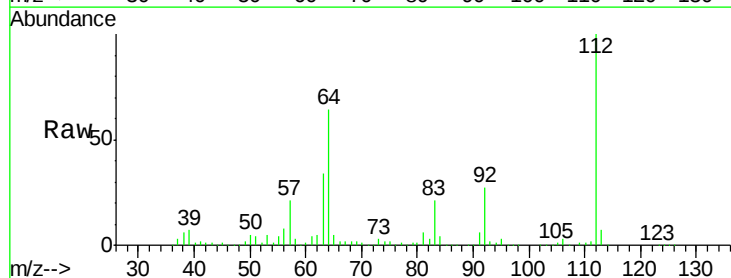
Tgt Ion:112 Resp: 685034

Ion Ratio Lower Upper

112 100

64 64.2 39.7 59.5#

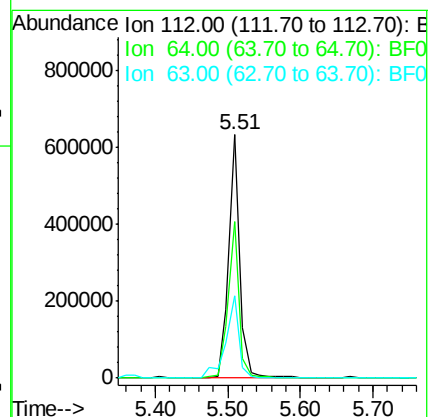
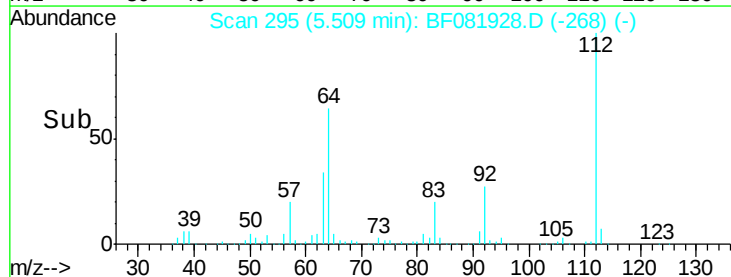
63 34.0 17.4 26.0#

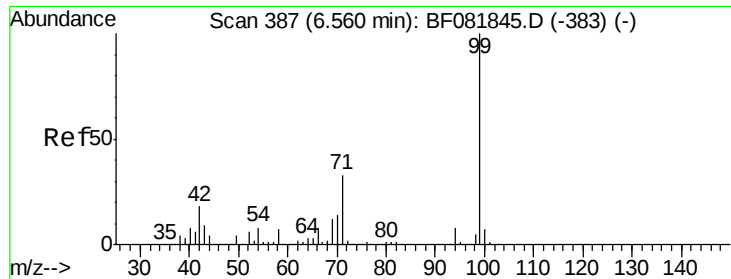


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.50 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF081928.D

Acq: 1 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

005-TB-5(4-8)

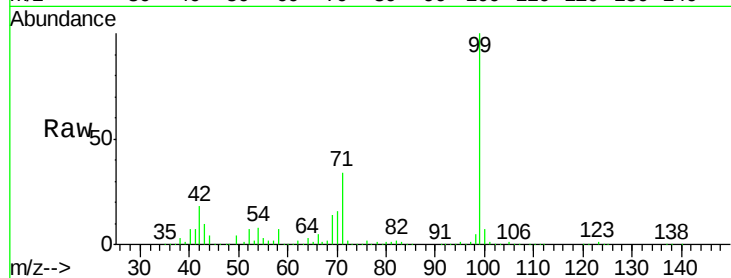
Tgt Ion: 99 Resp: 902511

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

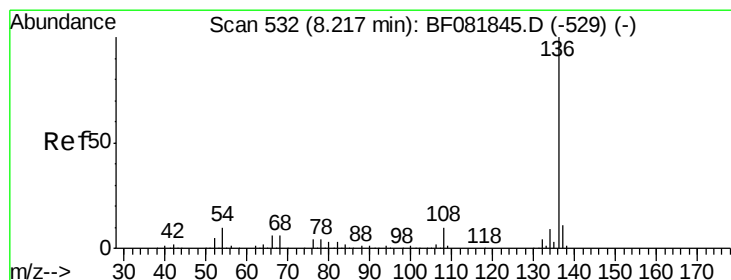
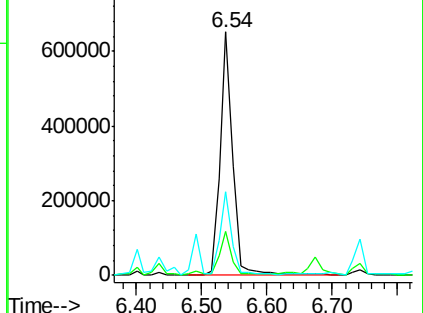
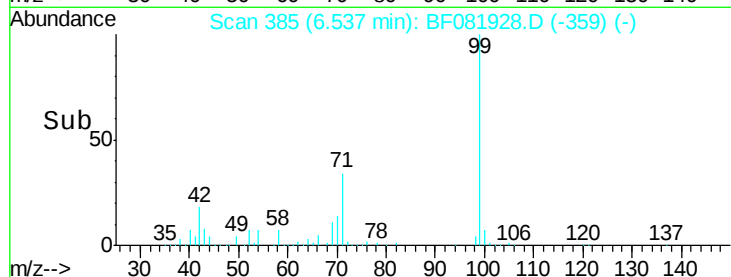
71 34.4 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF081928.D

Acq: 1 Oct 2015 4:26

Tgt Ion: 136 Resp: 398656

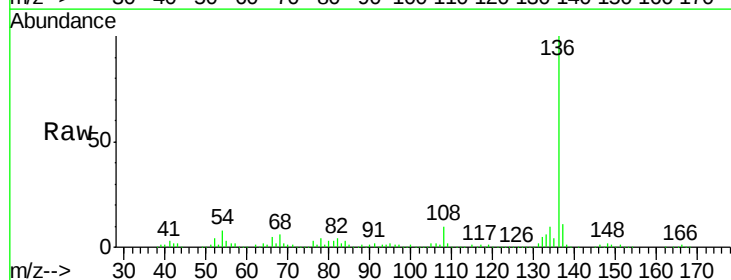
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.1 8.2 12.2#

68 5.7 5.8 8.6#

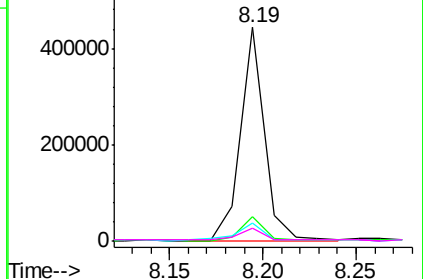
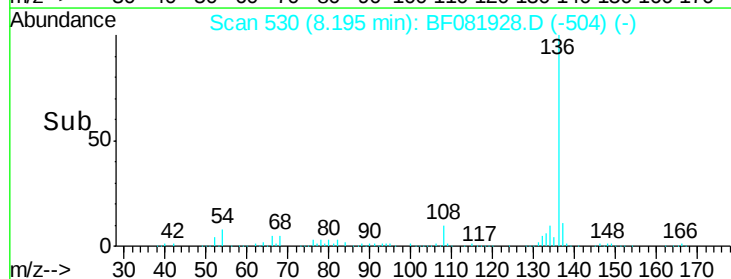


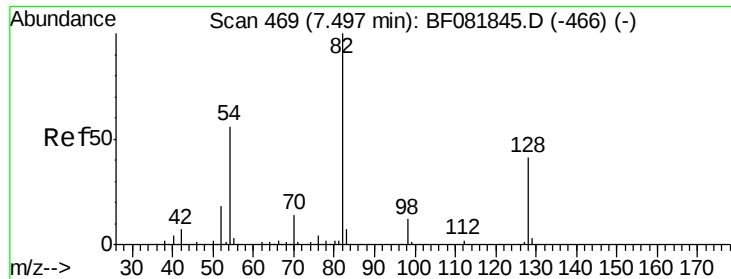
Abundance Ion 136.00 (135.70 to 136.70): E

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

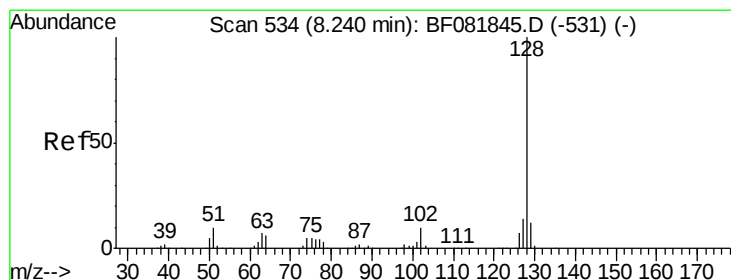
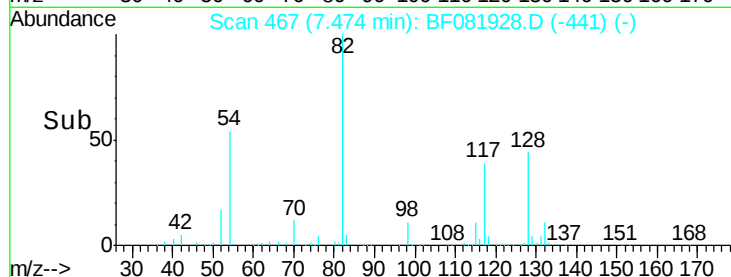
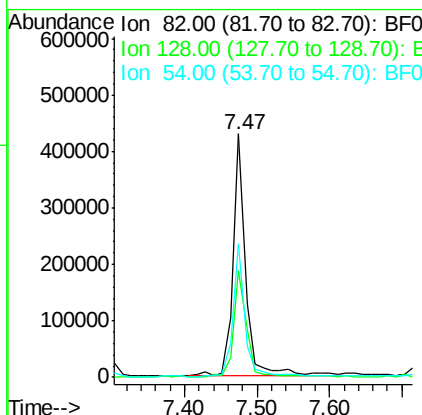
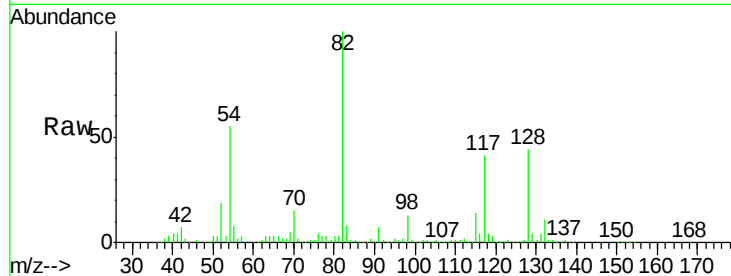




#23
 Nitrobenzene-d5
 Concen: 88.16 ng
 RT: 7.47 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF081928.D
 Acq: 1 Oct 2015 4:26

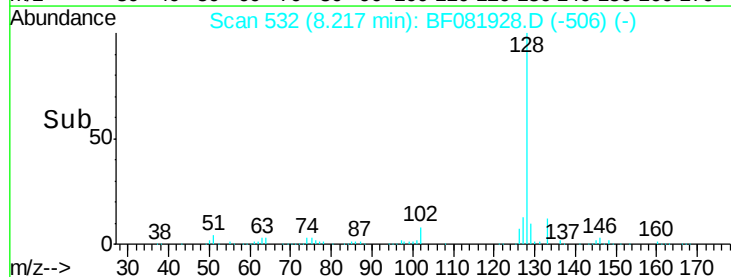
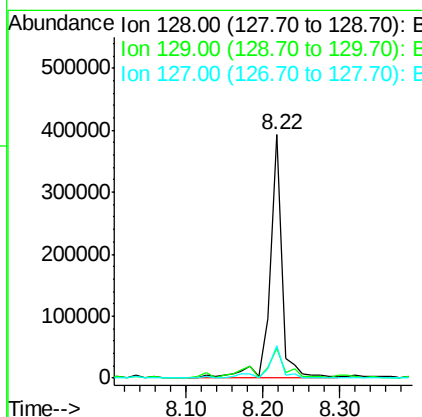
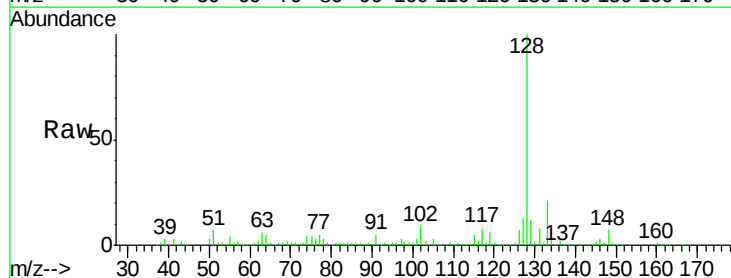
Instrument :
 BNA_F
 ClientSampleId :
 005-TB-5(4-8)

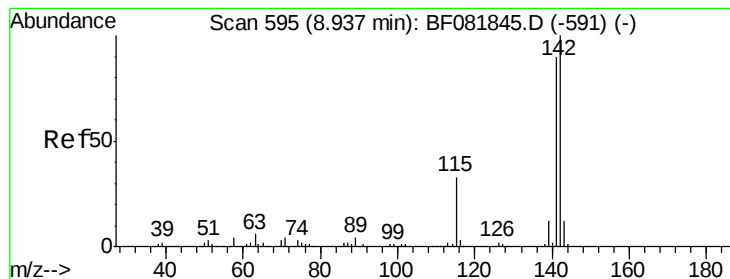
Tgt Ion: 82 Resp: 527243
 Ion Ratio Lower Upper
 82 100
 128 43.6 51.0 76.6#
 54 54.6 47.5 71.3



#31
 Naphthalene
 Concen: 23.67 ng
 RT: 8.22 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF081928.D
 Acq: 1 Oct 2015 4:26

Tgt Ion: 128 Resp: 418172
 Ion Ratio Lower Upper
 128 100
 129 12.2 8.4 12.6
 127 13.5 9.9 14.9

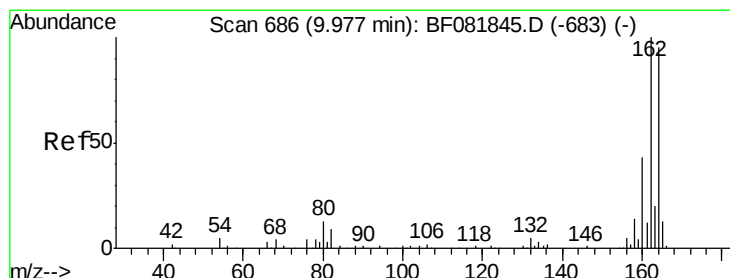
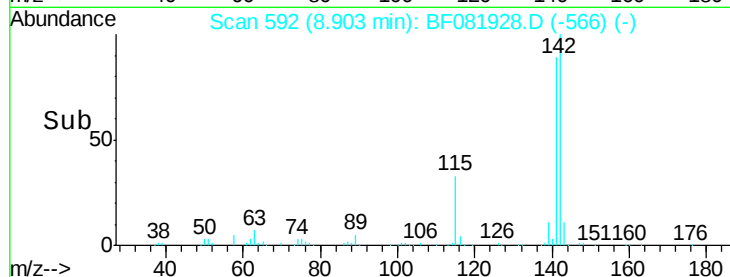
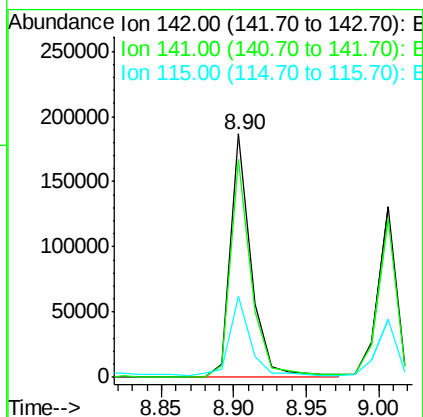
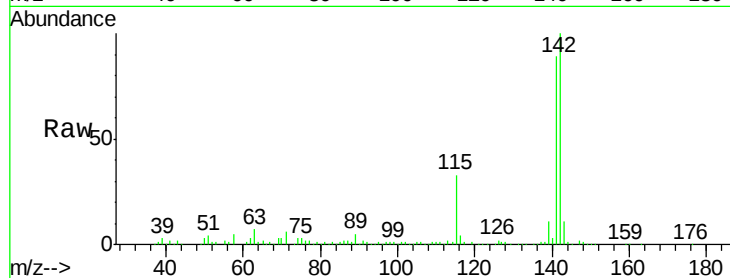




#37
 2-Methylnaphthalene
 Concen: 15.51 ng
 RT: 8.90 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF081928.D
 Acq: 1 Oct 2015 4:26

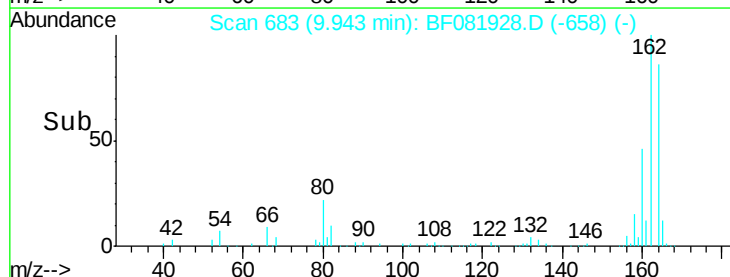
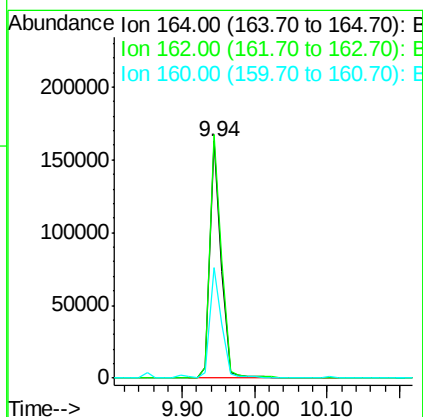
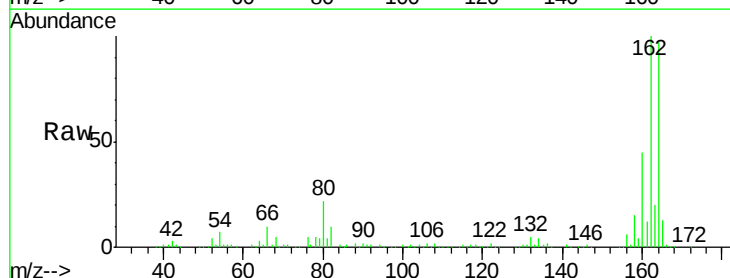
Instrument :
 BNA_F
 ClientSampleId :
 005-TB-5(4-8)

Tgt Ion:142 Resp: 187005
 Ion Ratio Lower Upper
 142 100
 141 89.4 67.5 101.3
 115 33.5 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF081928.D
 Acq: 1 Oct 2015 4:26

Tgt Ion:164 Resp: 175401
 Ion Ratio Lower Upper
 164 100
 162 102.7 75.2 112.8
 160 46.4 31.5 47.3

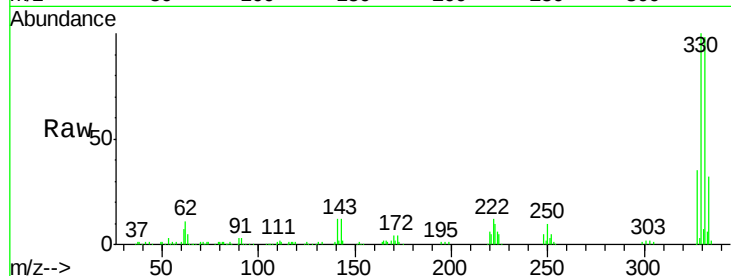




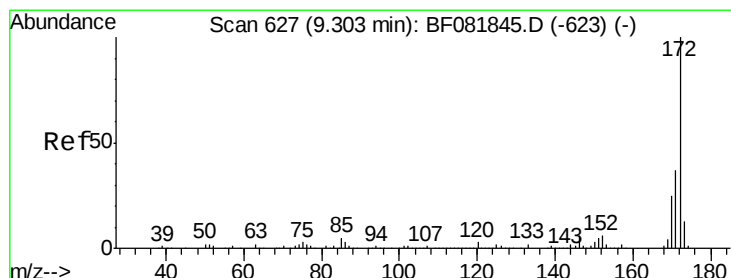
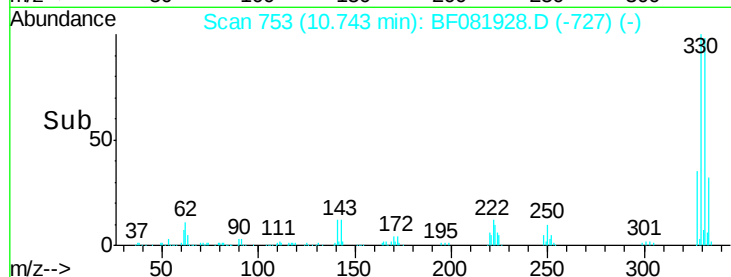
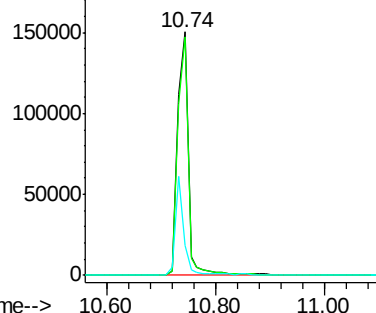
#41
 2,4,6-Tribromophenol
 Concen: 116.06 ng
 RT: 10.74 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF081928.D
 Acq: 1 Oct 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 005-TB-5(4-8)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	31.2	29.7	44.5

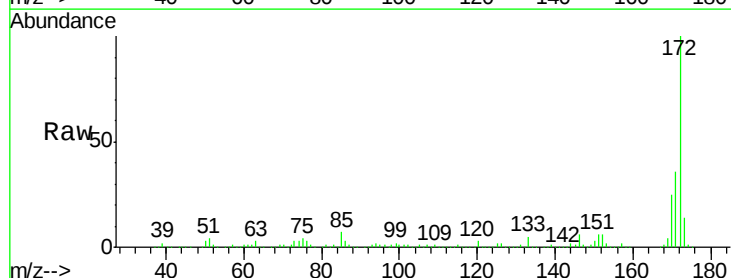


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

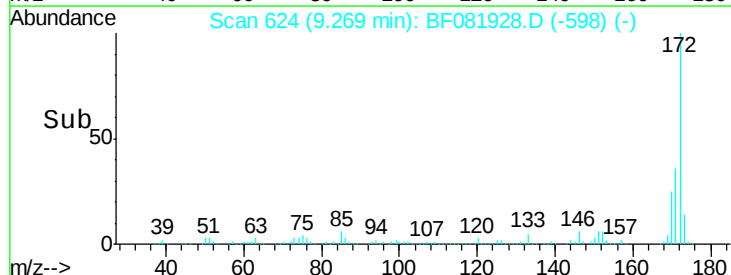
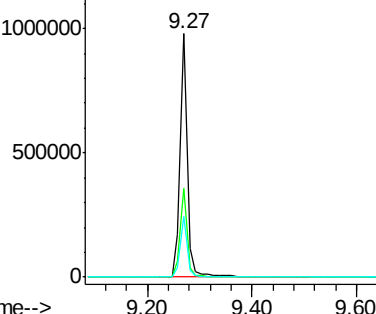


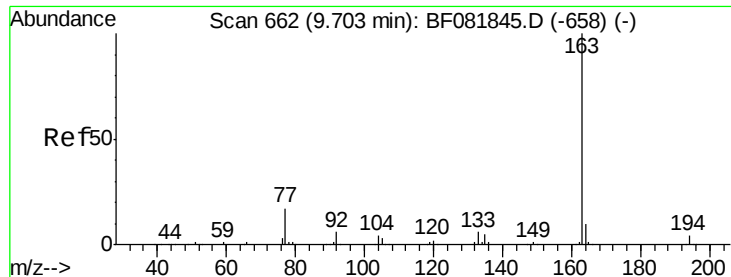
#44
 2-Fluorobiphenyl
 Concen: 90.80 ng
 RT: 9.27 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081928.D
 Acq: 1 Oct 2015 4:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	26.1	39.1
170	24.8	17.4	26.2



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: 24.67 ng

RT: 9.67 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF081928.D

Acq: 1 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

005-TB-5(4-8)

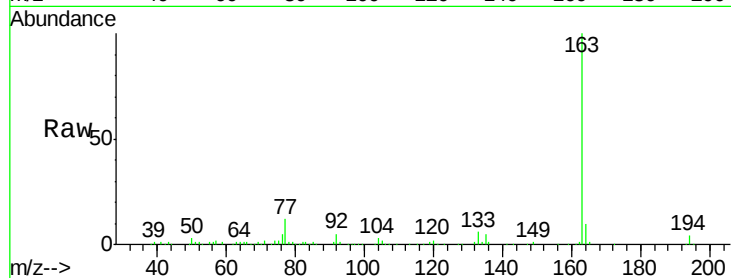
Tgt Ion:163 Resp: 298688

Ion Ratio Lower Upper

163 100

194 4.0 4.4 6.6#

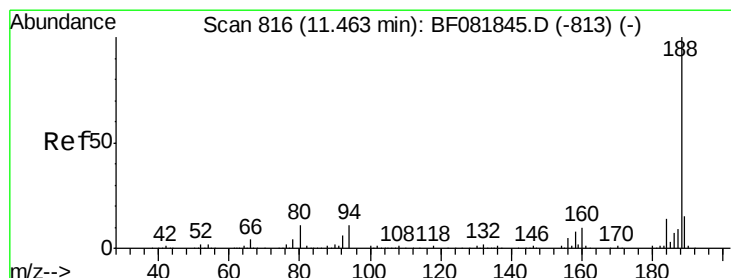
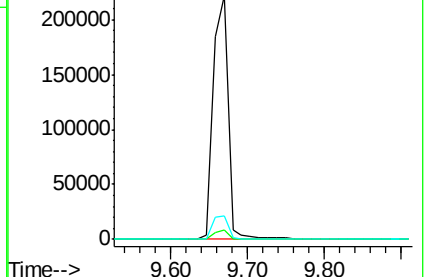
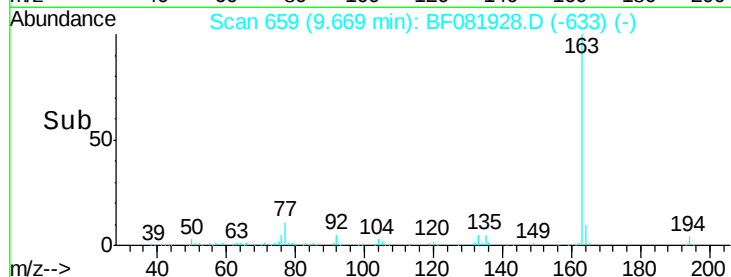
164 9.6 8.3 12.5



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: 11.43 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF081928.D

Acq: 1 Oct 2015 4:26

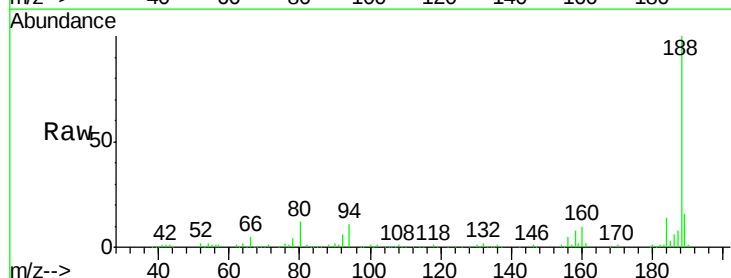
Tgt Ion:188 Resp: 286706

Ion Ratio Lower Upper

188 100

94 11.4 11.1 16.7

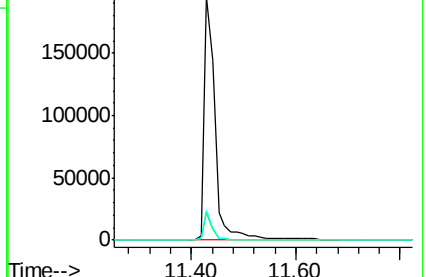
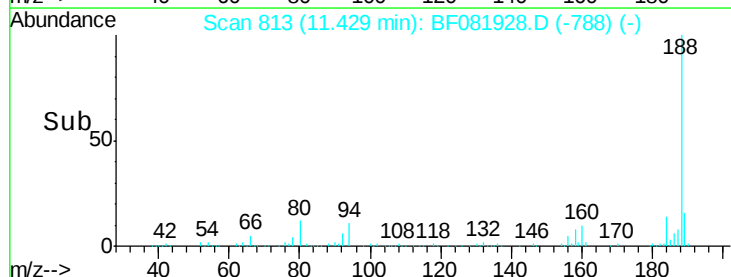
80 12.1 11.0 16.4

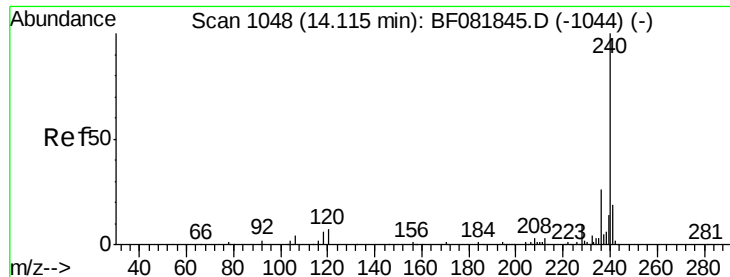


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.07 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF081928.D

Acq: 1 Oct 2015 4:26

Instrument :

BNA_F

ClientSampleId :

005-TB-5(4-8)

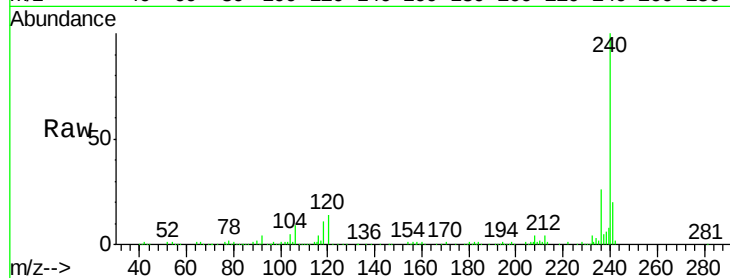
Tgt Ion:240 Resp: 309726

Ion Ratio Lower Upper

240 100

120 13.6 16.2 24.2#

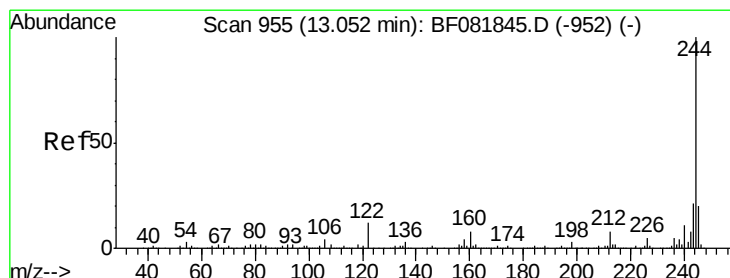
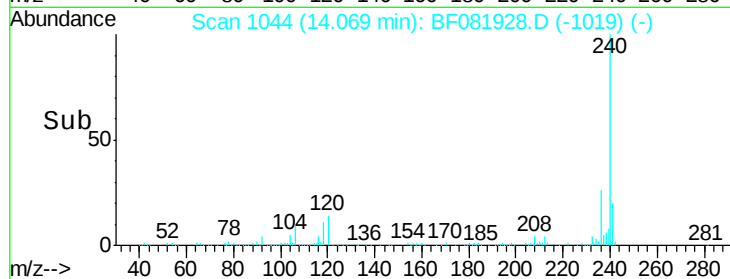
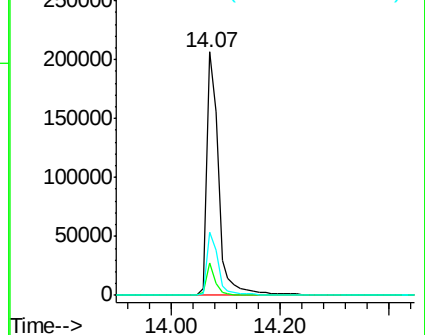
236 25.7 18.4 27.6



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: 74.07 ng

RT: 13.02 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF081928.D

Acq: 1 Oct 2015 4:26

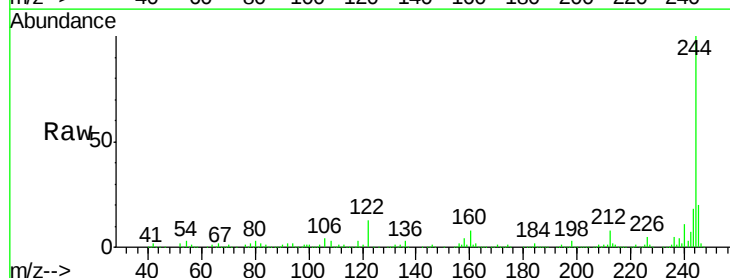
Tgt Ion:244 Resp: 735954

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

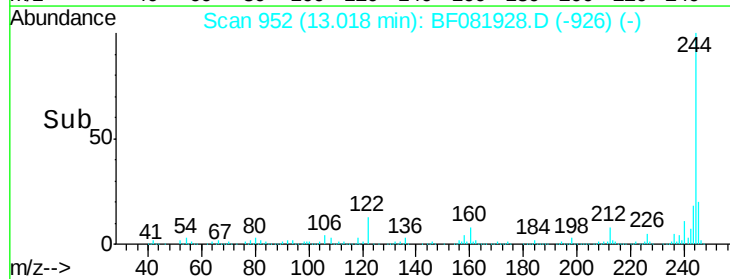
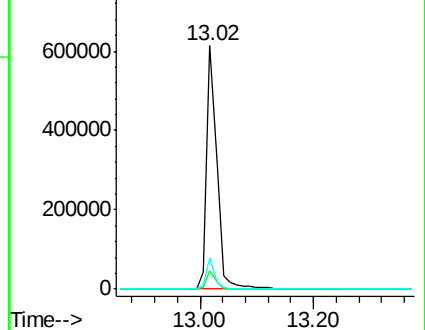
122 12.5 17.4 26.2#

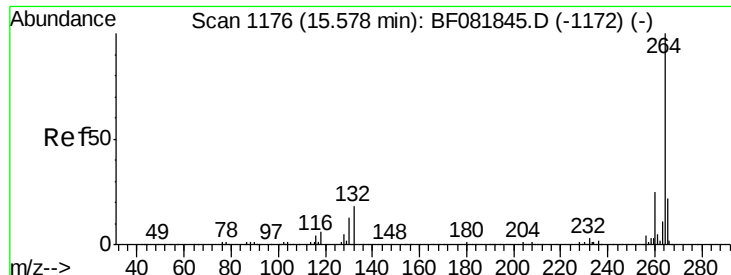


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

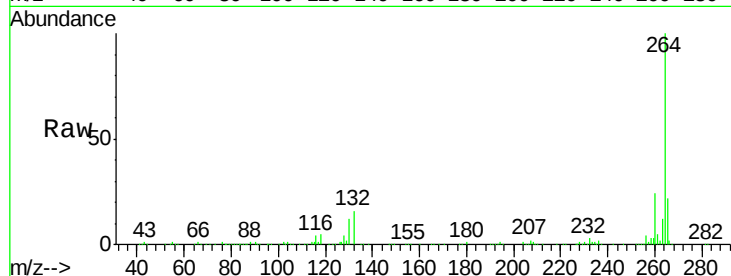




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF081928.D
Acq: 1 Oct 2015 4:26

Instrument :
BNA_F
ClientSampleId :
005-TB-5(4-8)

Tgt Ion: 264 Resp: 298503
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 21.9 17.2 25.8



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

