

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085121.D
 Acq On : 2 Mar 2016 16:05
 Operator : SJ/IZ
 Sample : H1620-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Mar 03 05:37:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

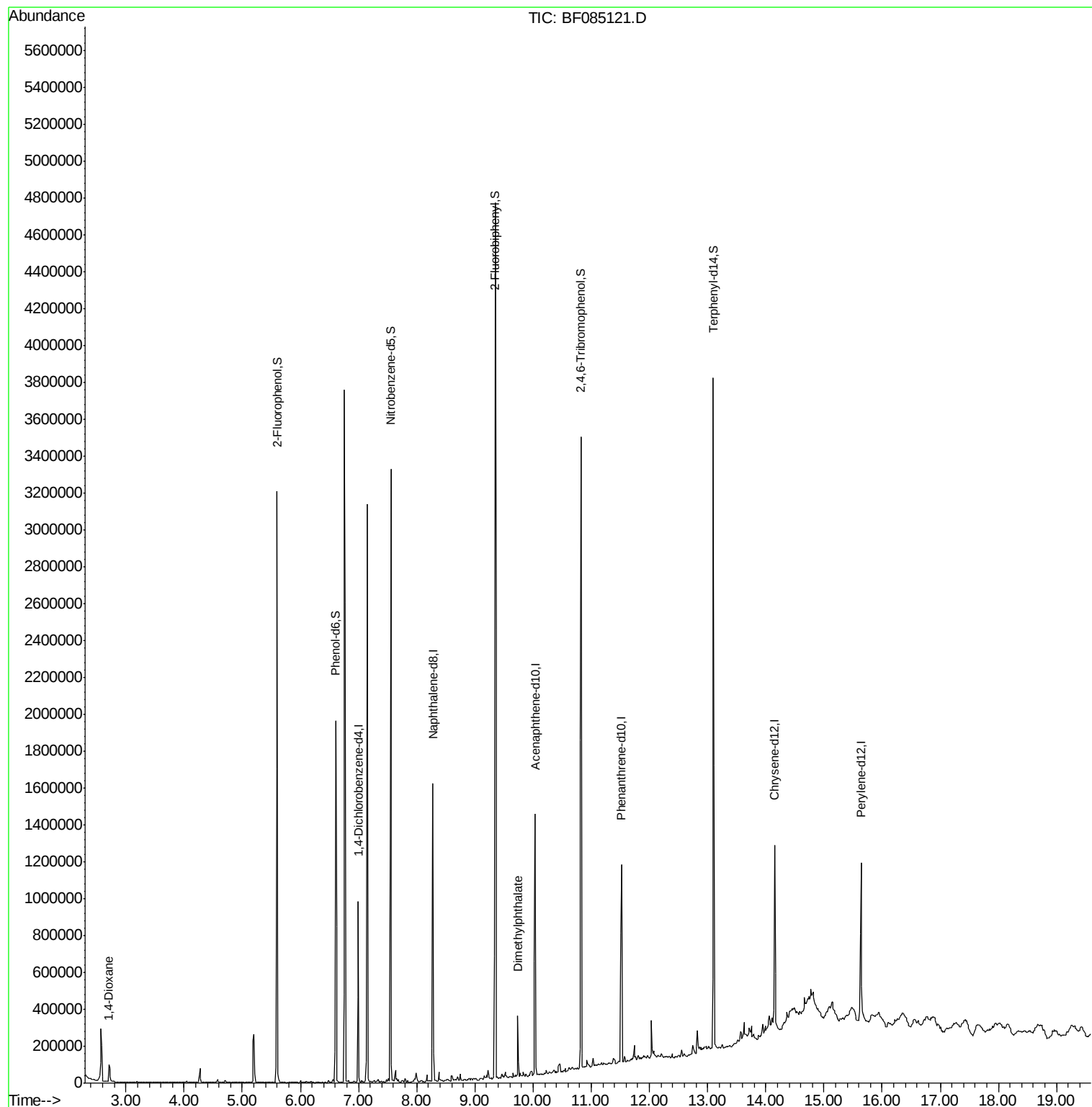
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	164278	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	644928	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	301722	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	491744	20.00	ng	0.00
75) Chrysene-d12	14.15	240	346472	20.00	ng	0.00
86) Perylene-d12	15.64	264	404268	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1007231	99.54	ng	0.01
7) Phenol-d6	6.61	99	771985	58.19	ng	0.00
23) Nitrobenzene-d5	7.56	82	1140134	94.05	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	518003	170.84	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1810284	88.36	ng	0.00
78) Terphenyl-d14	13.10	244	1298528	87.92	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.71	88	52562	10.48	ng	99
49) Dimethylphthalate	9.74	163	125499	5.61	ng	99

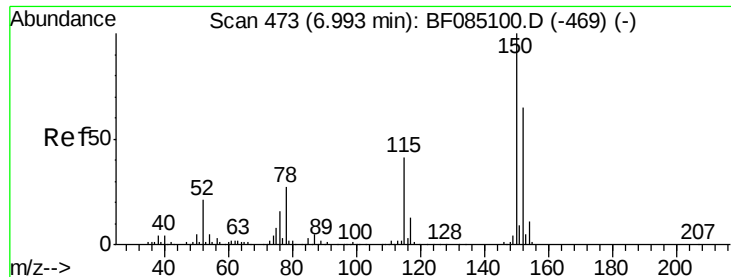
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085121.D

Acq: 2 Mar 2016 16:05

Instrument :

BNA_F

ClientSampleId :

MW-02

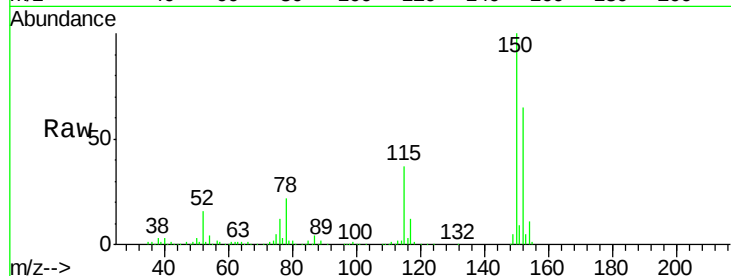
Tgt Ion:152 Resp: 164278

Ion Ratio Lower Upper

152 100

150 153.7 123.4 185.0

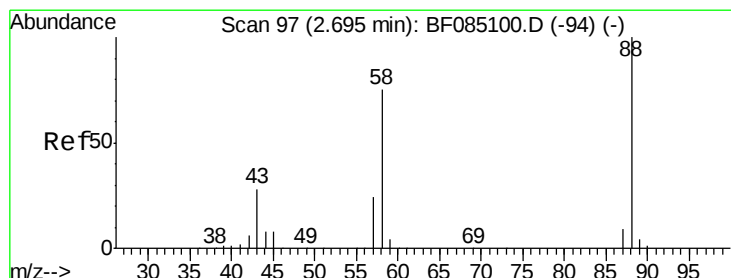
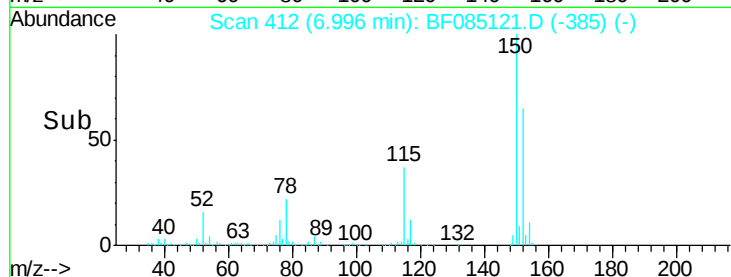
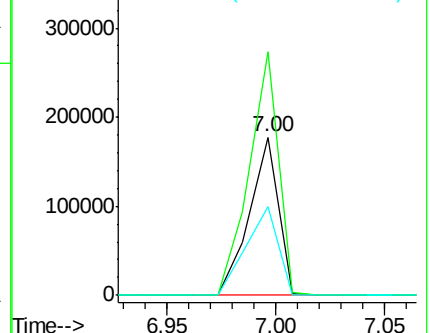
115 56.1 50.0 75.0



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



#2

1,4-Dioxane

Concen: 10.48 ng

RT: 2.71 min Scan# 37

Delta R.T. 0.01 min

Lab File: BF085121.D

Acq: 2 Mar 2016 16:05

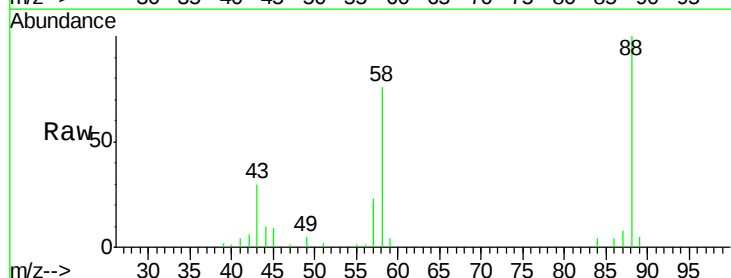
Tgt Ion: 88 Resp: 52562

Ion Ratio Lower Upper

88 100

58 72.6 58.4 87.6

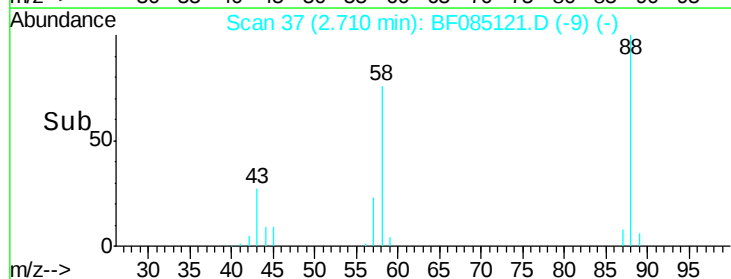
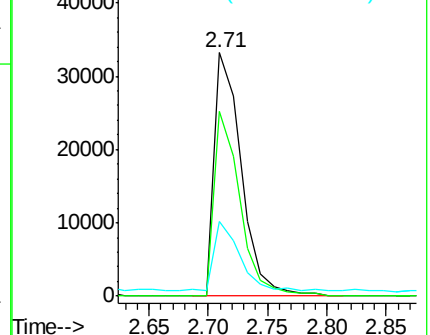
43 27.3 22.2 33.4

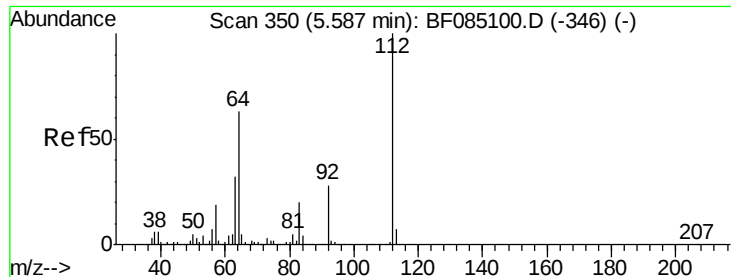


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 99.54 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085121.D

Acq: 2 Mar 2016 16:05

Instrument :

BNA_F

ClientSampleId :

MW-02

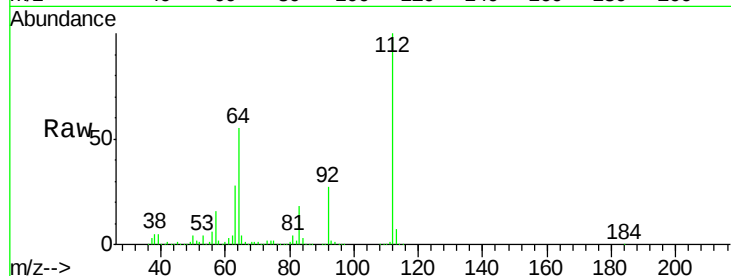
Tgt Ion:112 Resp: 1007231

Ion Ratio Lower Upper

112 100

64 54.6 50.6 76.0

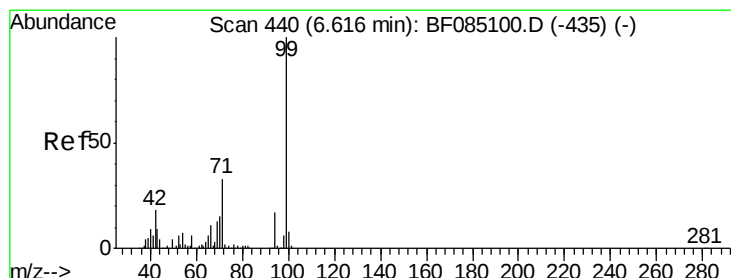
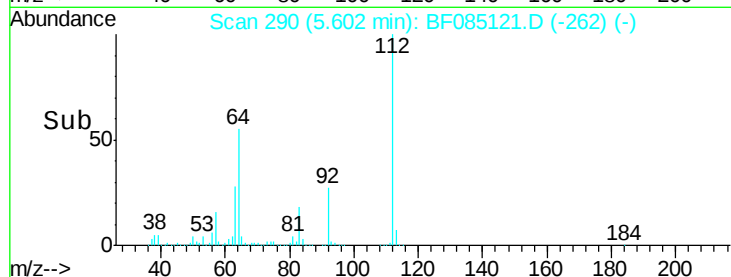
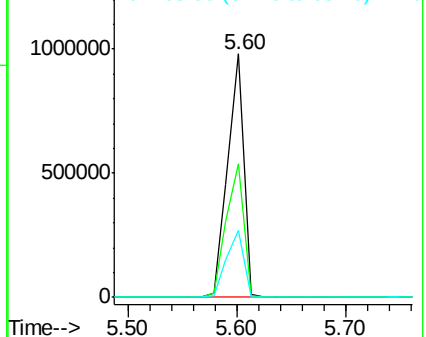
63 27.6 25.5 38.3



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: 58.19 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085121.D

Acq: 2 Mar 2016 16:05

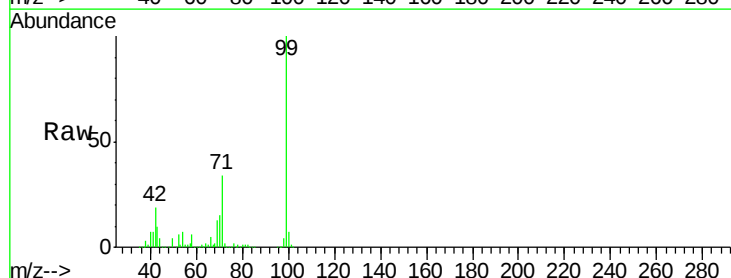
Tgt Ion: 99 Resp: 771985

Ion Ratio Lower Upper

99 100

42 19.2 14.1 21.1

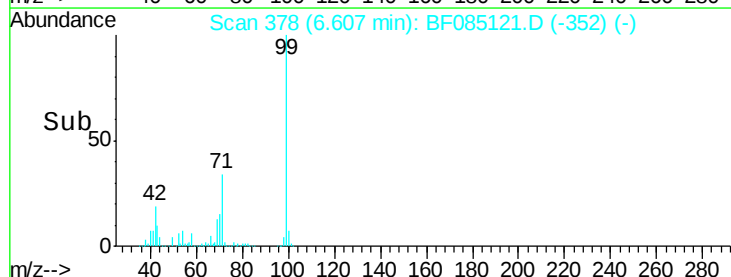
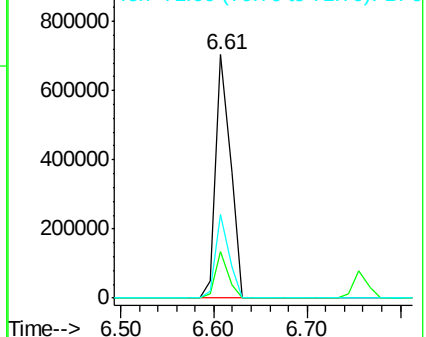
71 34.3 26.8 40.2

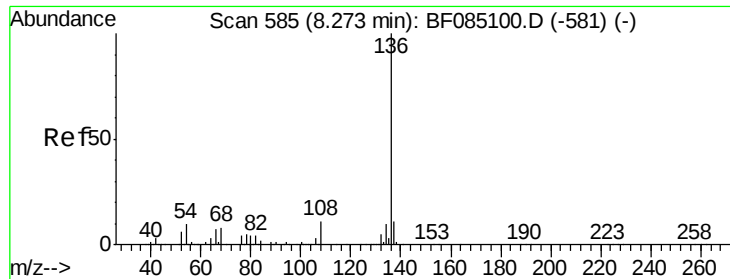


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

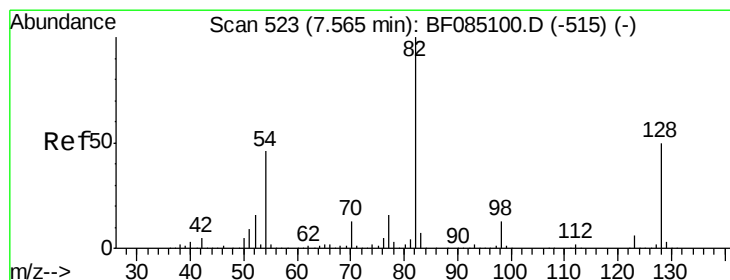
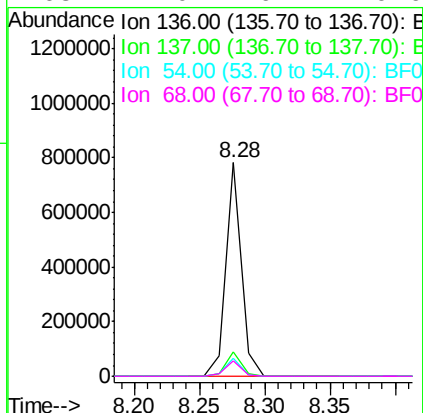
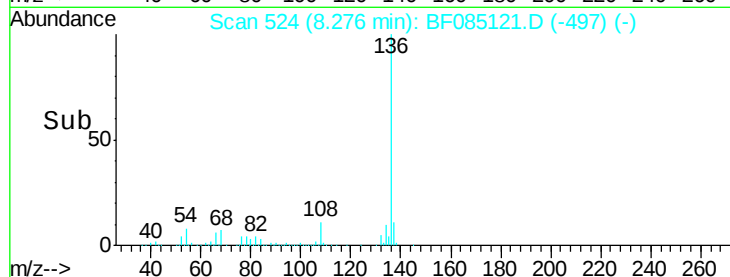
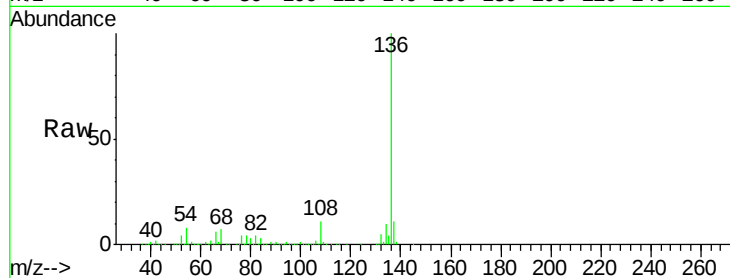




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085121.D
Acq: 2 Mar 2016 16:05

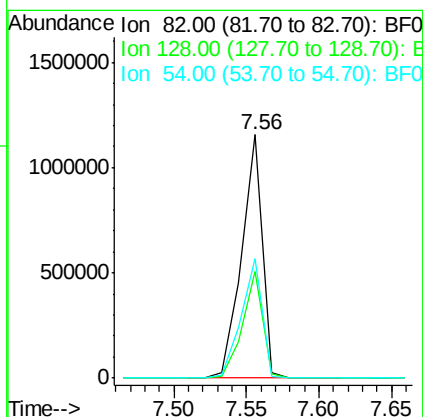
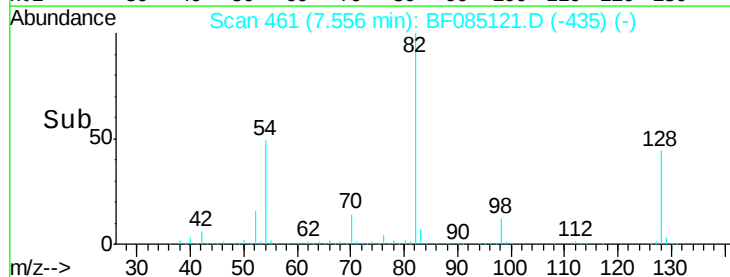
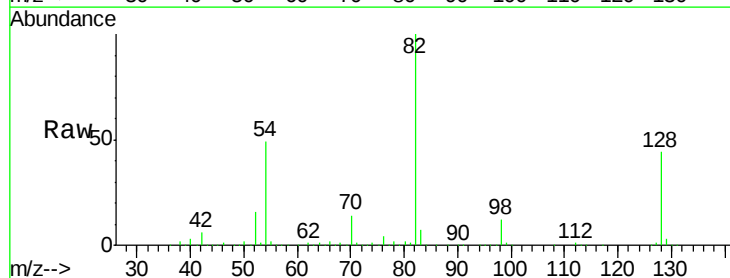
Instrument :
BNA_F
ClientSampleId :
MW-02

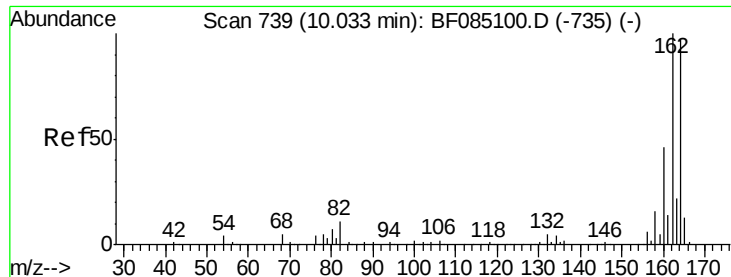
Tgt Ion:	136	Resp:	644928
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.3	8.5	12.7#
68	7.0	6.4	9.6



#23
Nitrobenzene-d5
Concen: 94.05 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085121.D
Acq: 2 Mar 2016 16:05

Tgt Ion:	82	Resp:	1140134
Ion	Ratio	Lower	Upper
82	100		
128	44.0	39.8	59.6
54	49.1	36.6	54.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.04 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF085121.D

Acq: 2 Mar 2016 16:05

Instrument :

BNA_F

ClientSampleId :

MW-02

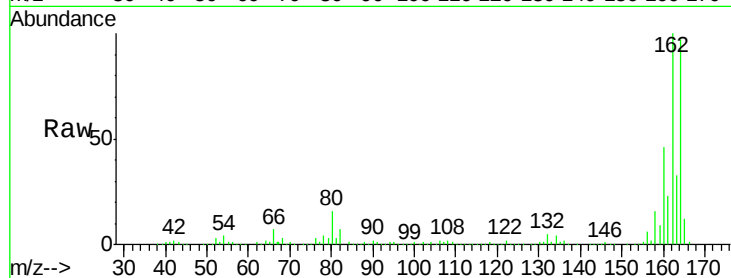
Tgt Ion:164 Resp: 301722

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

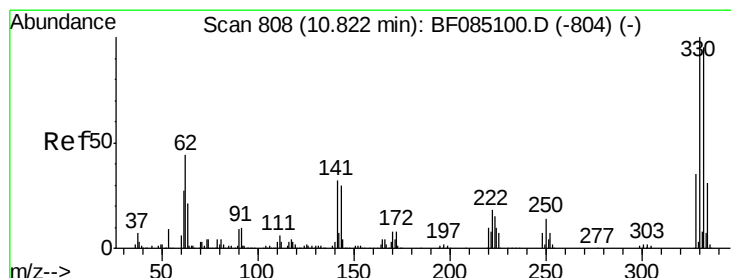
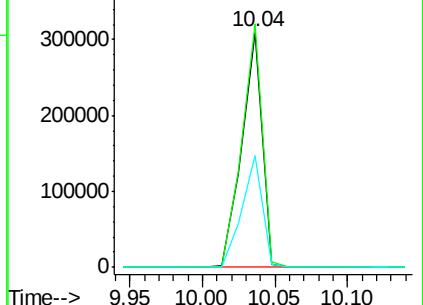
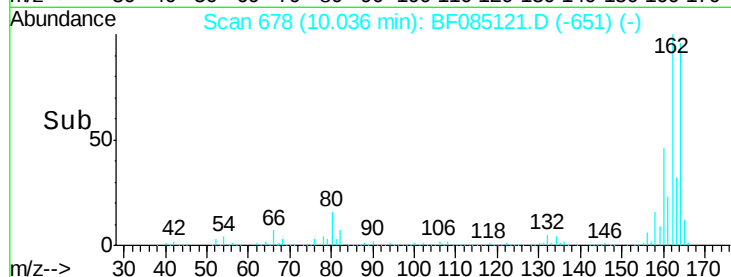
160 47.3 38.2 57.2



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: 170.84 ng

RT: 10.82 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF085121.D

Acq: 2 Mar 2016 16:05

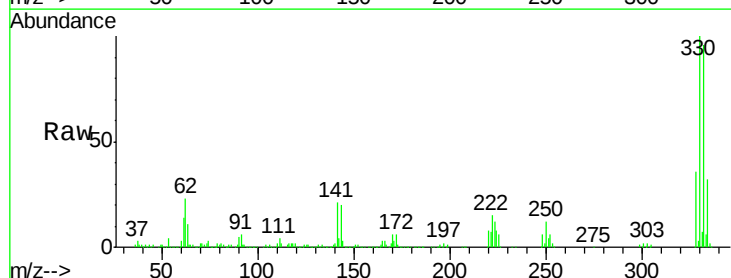
Tgt Ion:330 Resp: 518003

Ion Ratio Lower Upper

330 100

332 96.1 75.9 113.9

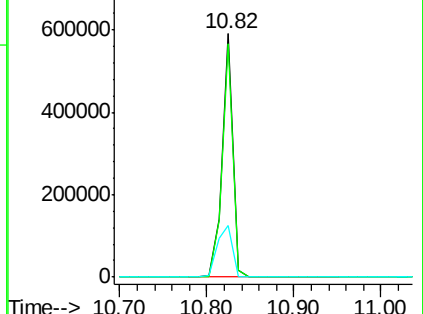
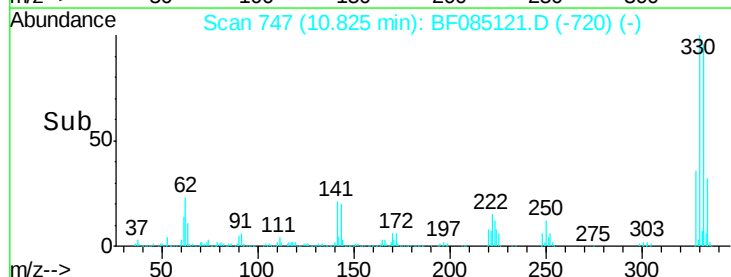
141 29.7 28.9 43.3

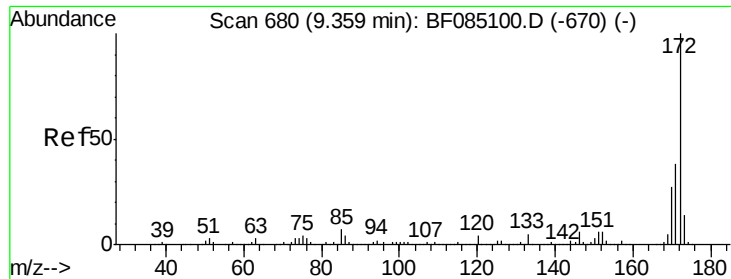


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

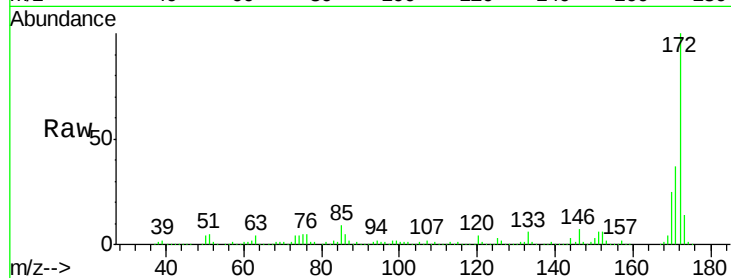




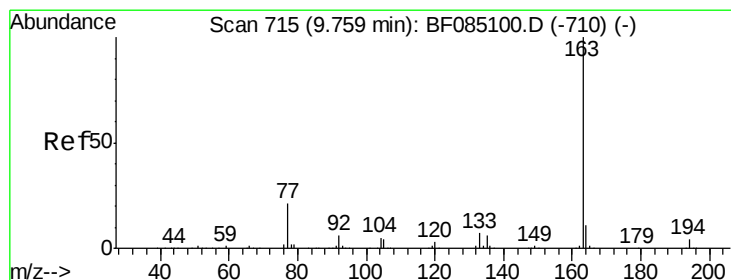
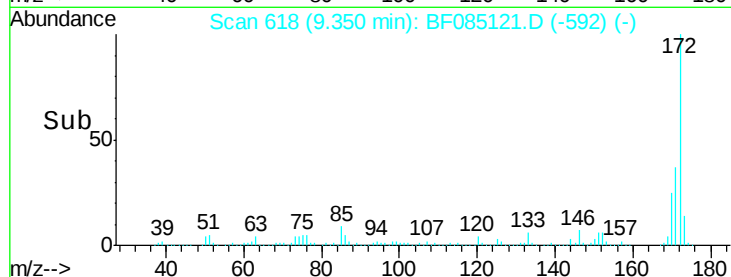
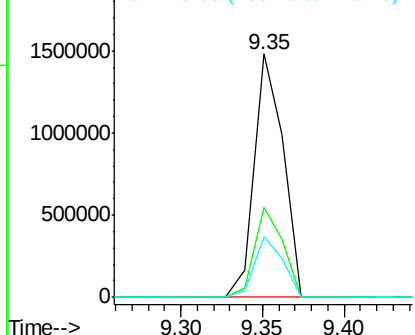
#44
2-Fluorobiphenyl
Concen: 88.36 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF085121.D
Acq: 2 Mar 2016 16:05

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:172 Resp: 1810284
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 24.7 21.2 31.8

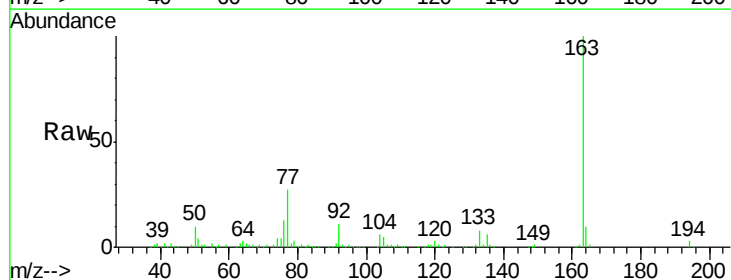


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

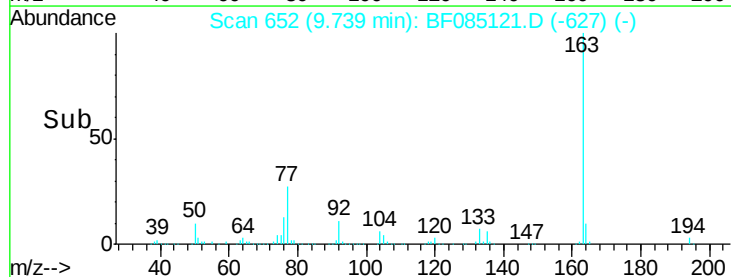
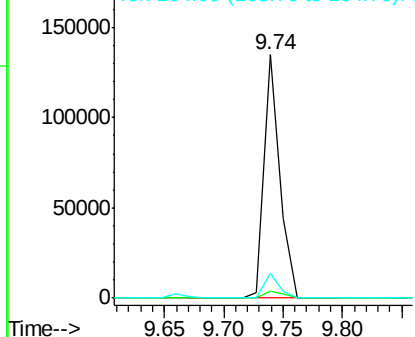


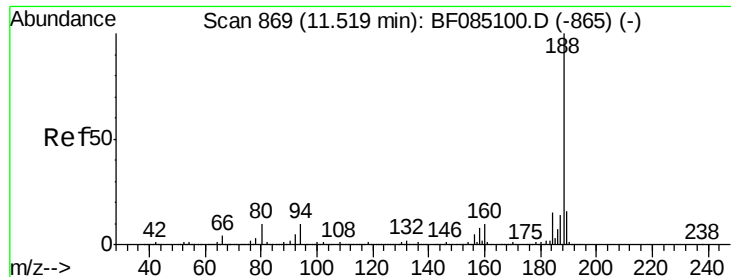
#49
Dimethylphthalate
Concen: 5.61 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF085121.D
Acq: 2 Mar 2016 16:05

Tgt Ion:163 Resp: 125499
Ion Ratio Lower Upper
163 100
194 2.9 2.9 4.3
164 10.3 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

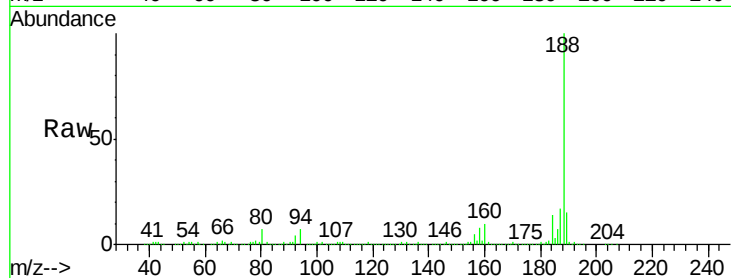




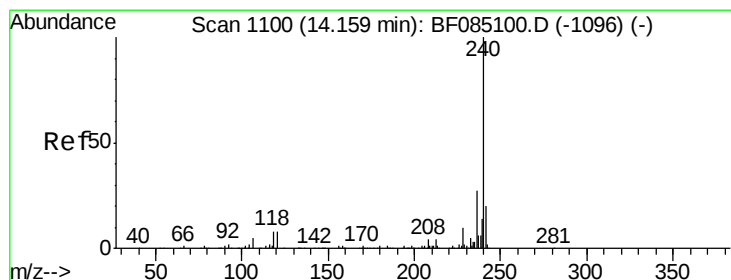
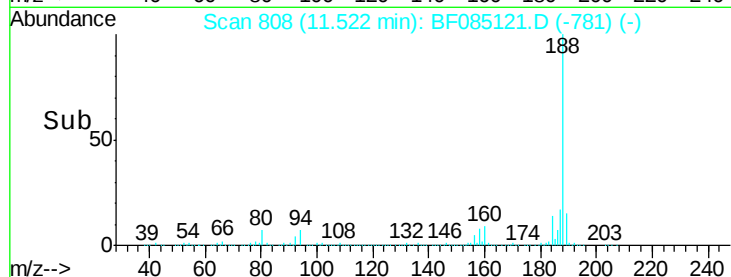
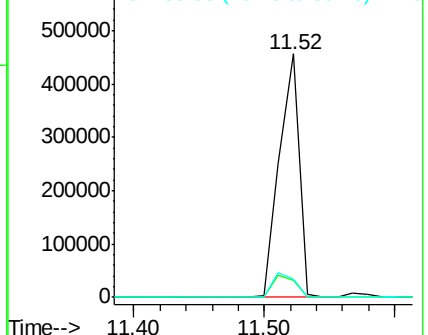
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF085121.D
Acq: 2 Mar 2016 16:05

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:188 Resp: 491744
Ion Ratio Lower Upper
188 100
94 7.2 7.8 11.6#
80 7.3 8.2 12.4#

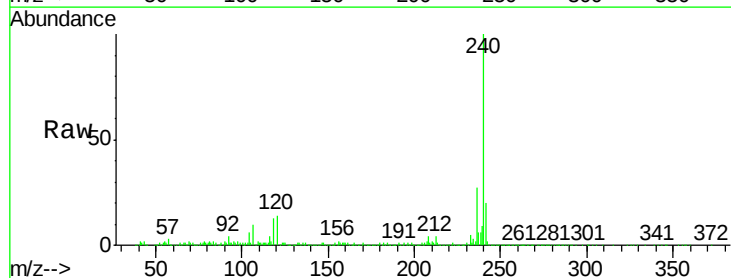


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

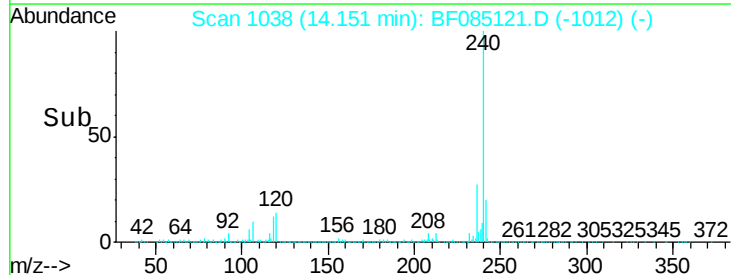
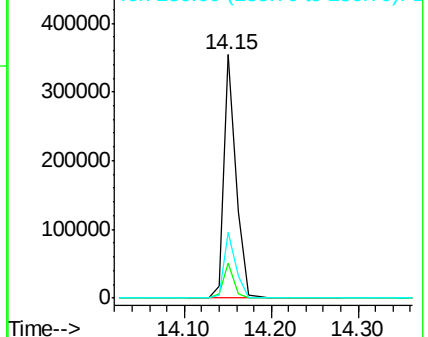


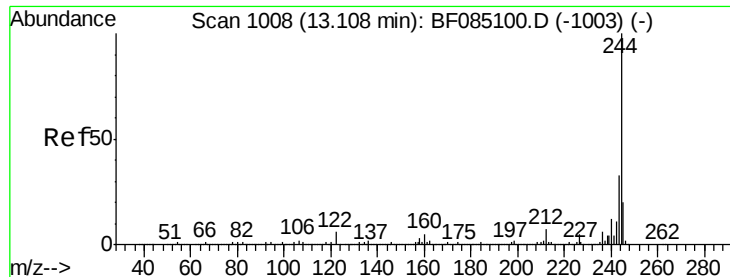
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085121.D
Acq: 2 Mar 2016 16:05

Tgt Ion:240 Resp: 346472
Ion Ratio Lower Upper
240 100
120 14.3 6.7 10.1#
236 26.8 21.6 32.4



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: 87.92 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085121.D

Acq: 2 Mar 2016 16:05

Instrument :

BNA_F

ClientSampleId :

MW-02

Tgt Ion:244 Resp: 1298528

Ion Ratio Lower Upper

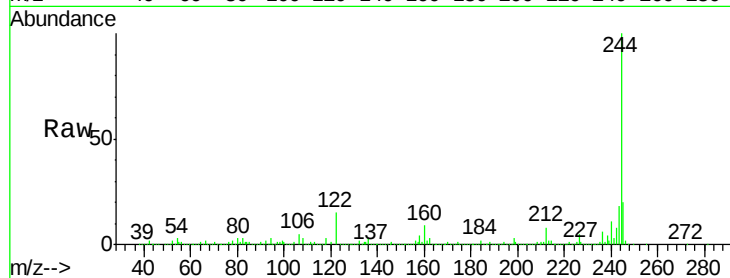
244 100

212 7.8

122 14.9

5.4 8.0

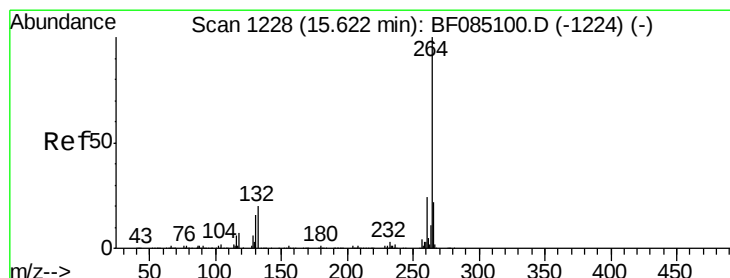
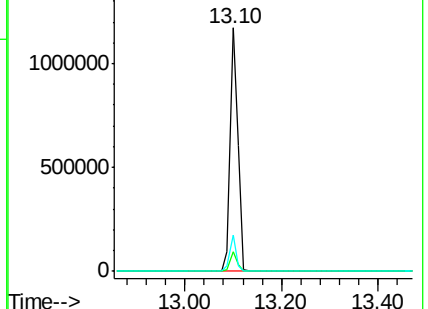
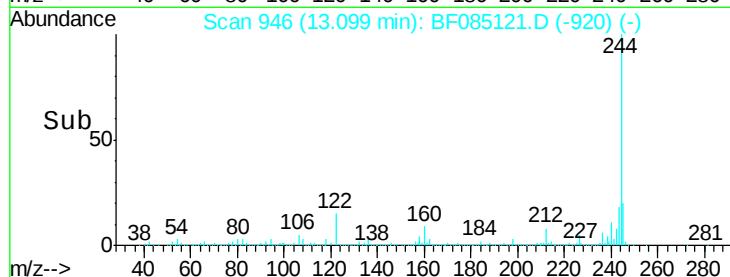
5.1 7.7#



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: 15.64 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF085121.D

Acq: 2 Mar 2016 16:05

Tgt Ion:264 Resp: 404268

Ion Ratio Lower Upper

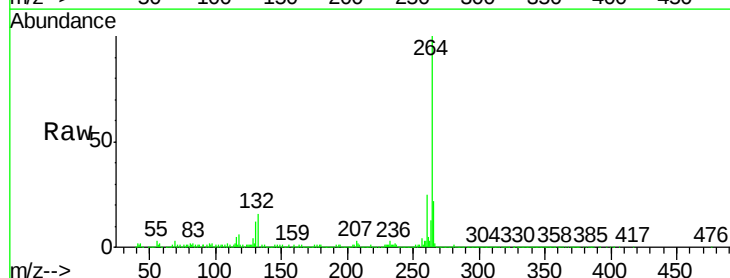
264 100

260 24.8

265 21.5

19.6 29.4

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

