

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085294.D
 Acq On : 9 Mar 2016 9:17
 Operator : UM/SJ
 Sample : H1713-02DL 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-MW-01DL

Quant Time: Mar 09 10:39:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

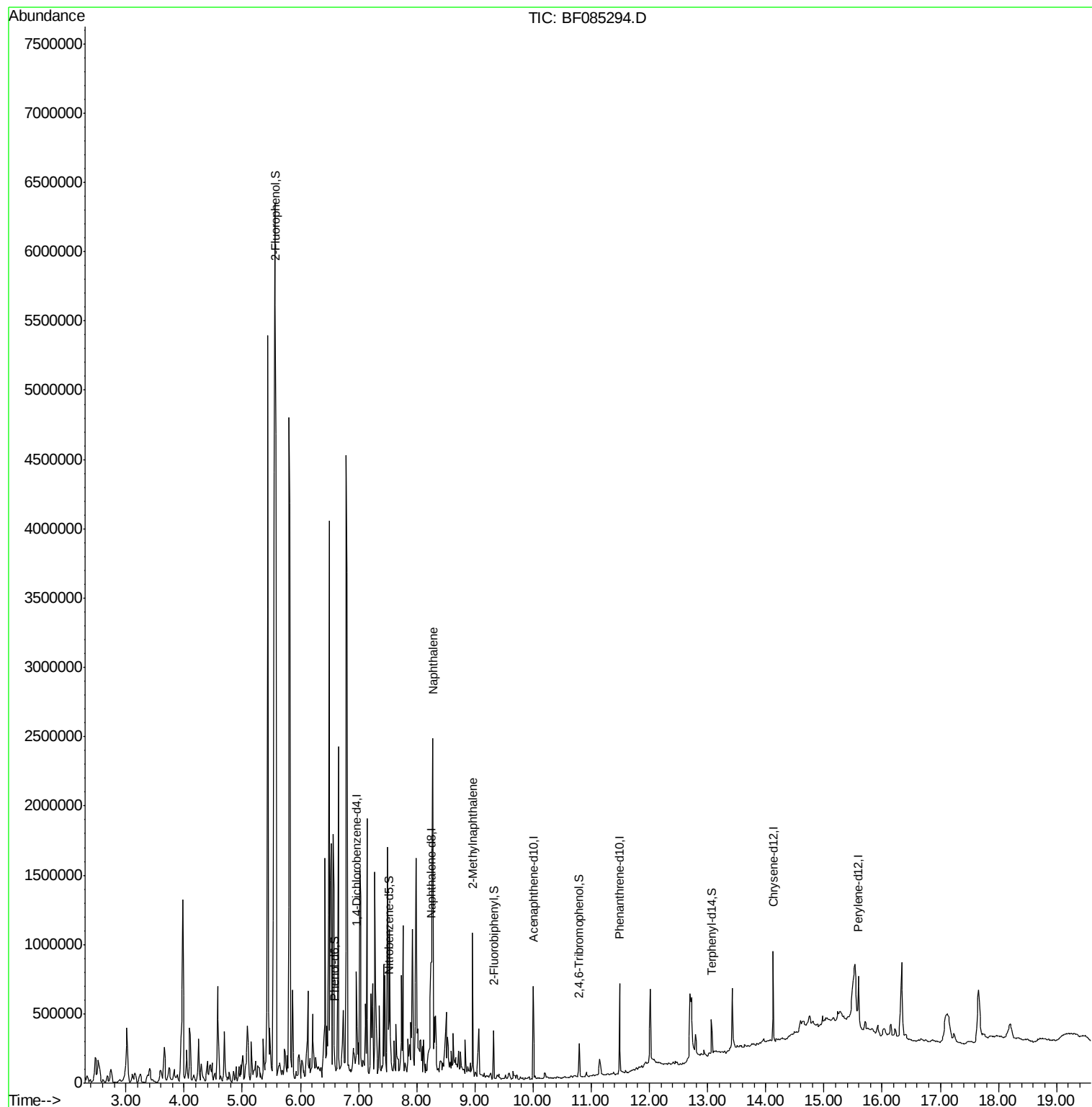
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	101439	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	347221	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	137744	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	232303	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	219648	20.00	ng	-0.02
86) Perylene-d12	15.59	264	189687	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	42524	7.03	ng	-0.01
7) Phenol-d6	6.58	99	48526	6.12	ng	-0.02
23) Nitrobenzene-d5	7.52	82	93942	14.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	24049	20.40	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	161357	17.82	ng	-0.02
78) Terphenyl-d14	13.07	244	92348	9.76	ng	-0.02
Target Compounds						
31) Naphthalene	8.28	128	1096084	64.20	ng	99
37) 2-Methylnaphthalene	8.96	142	248757	22.70	ng	98

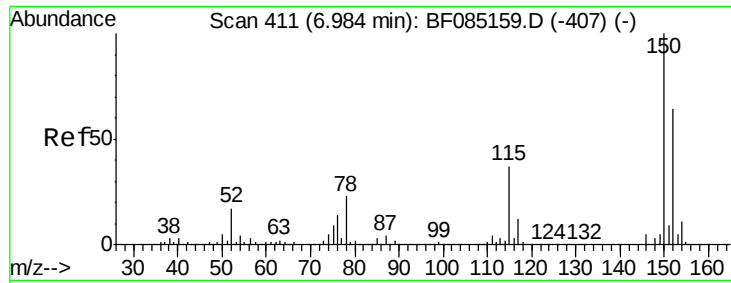
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085294.D
Acq On : 9 Mar 2016 9:17
Operator : UM/SJ
Sample : H1713-02DL 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-MW-01DL

Quant Time: Mar 09 10:39:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

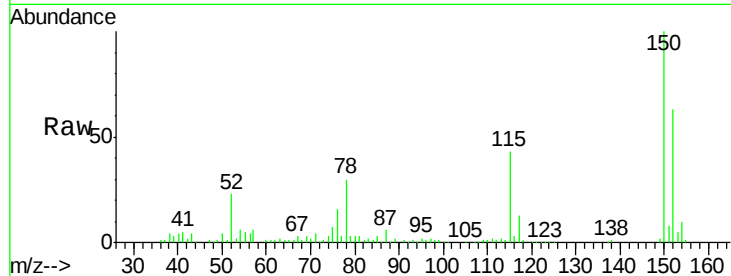




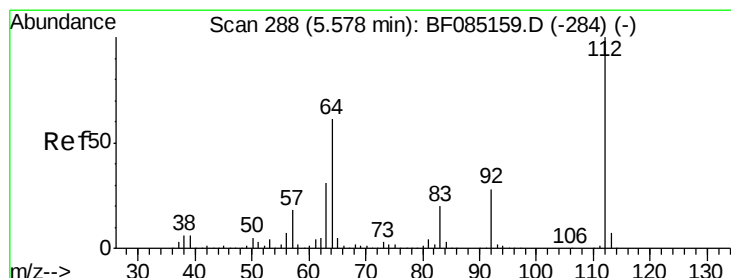
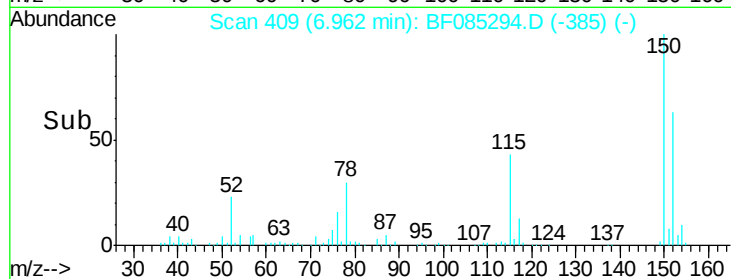
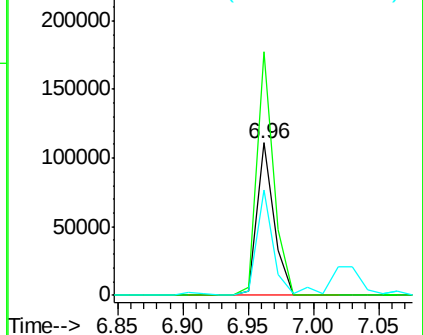
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085294.D
 Acq: 9 Mar 2016 9:17

Instrument :
 BNA_F
 ClientSampleId :
 S4-MW-01DL

Tgt Ion:152 Resp: 101439
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.6 186.8
 115 68.7 46.6 70.0

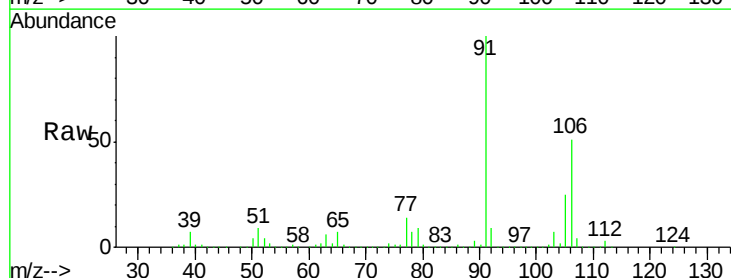


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

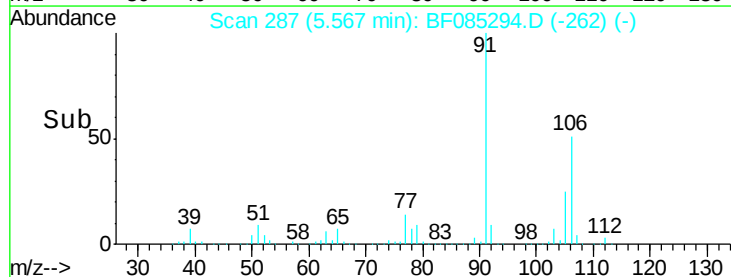
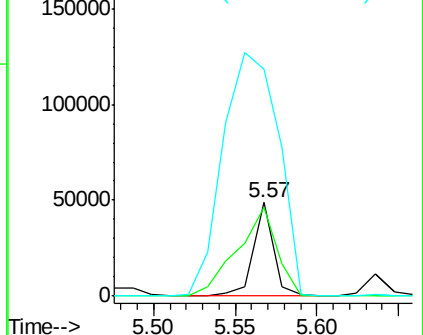


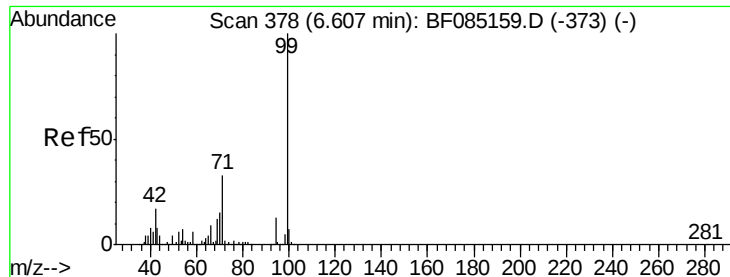
#5
 2-Fluorophenol
 Concen: 7.03 ng
 RT: 5.57 min Scan# 287
 Delta R.T. -0.01 min
 Lab File: BF085294.D
 Acq: 9 Mar 2016 9:17

Tgt Ion:112 Resp: 42524
 Ion Ratio Lower Upper
 112 100
 64 94.4 49.0 73.4#
 63 241.7 24.8 37.2#



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: 6.12 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085294.D

Acq: 9 Mar 2016 9:17

Instrument :

BNA_F

ClientSampleId :

S4-MW-01DL

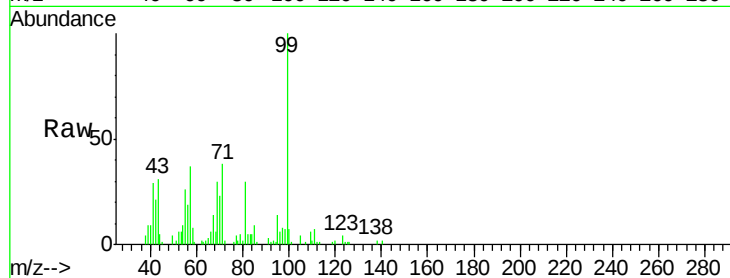
Tgt Ion: 99 Resp: 48526

Ion Ratio Lower Upper

99 100

42 21.1 13.6 20.4#

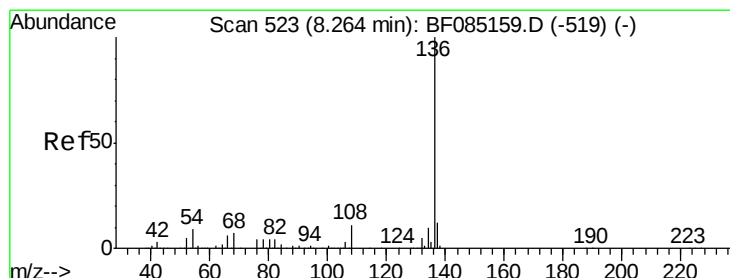
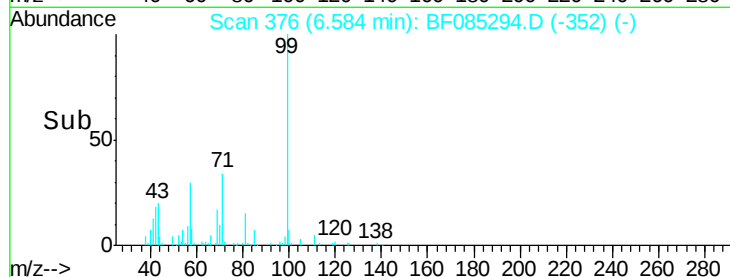
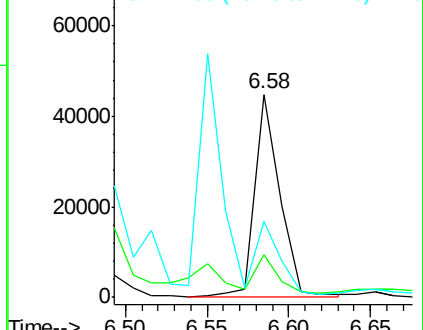
71 37.7 26.7 40.1



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: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085294.D

Acq: 9 Mar 2016 9:17

Tgt Ion: 136 Resp: 347221

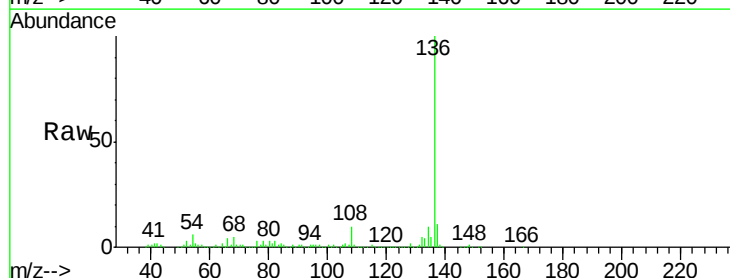
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 5.8 7.4 11.2#

68 5.3 6.0 9.0#

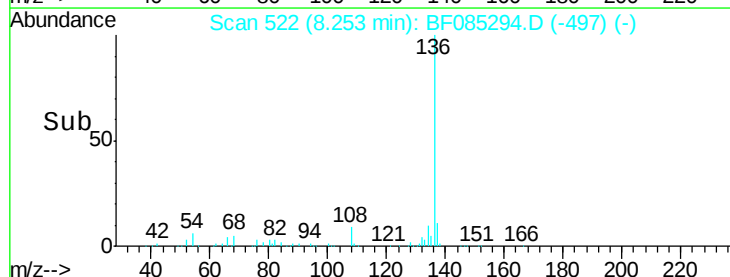
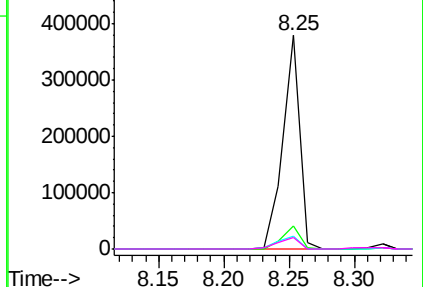


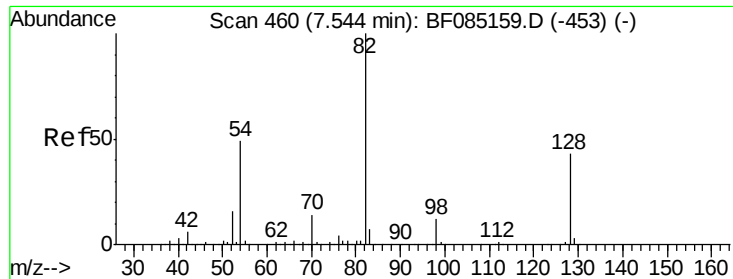
Abundance Ion 136.00 (135.70 to 136.70): E

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

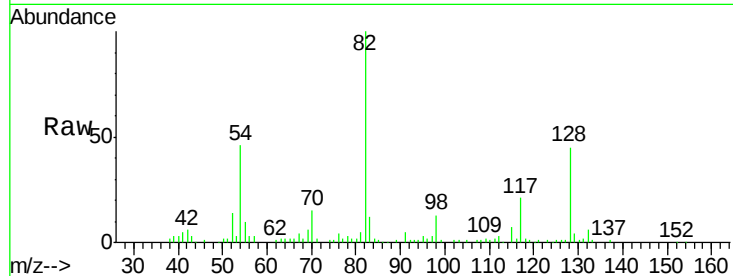




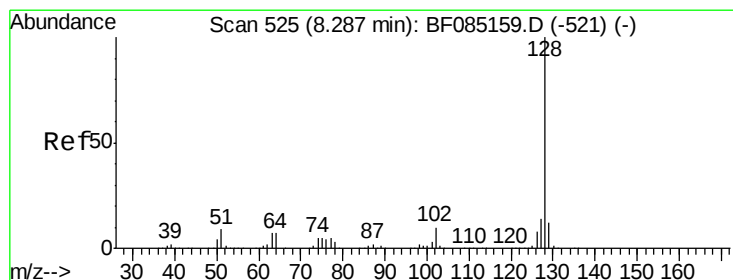
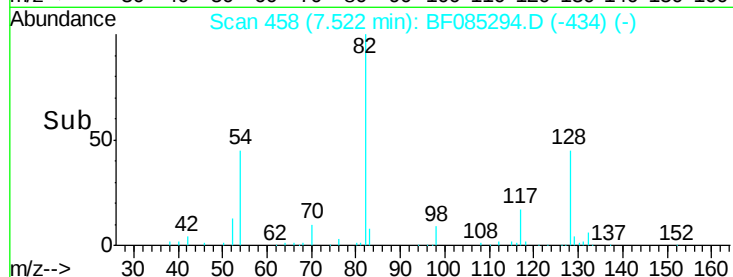
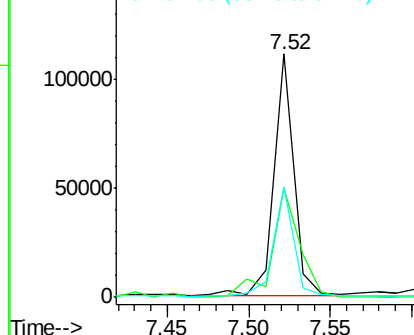
#23
Nitrobenzene-d5
Concen: 14.48 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085294.D
Acq: 9 Mar 2016 9:17

Instrument :
BNA_F
ClientSampleID :
S4-MW-01DL

Tgt Ion: 82 Resp: 93942
Ion Ratio Lower Upper
82 100
128 45.0 34.5 51.7
54 45.5 39.3 58.9

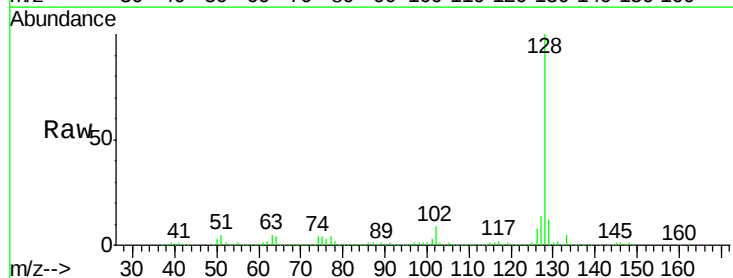


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

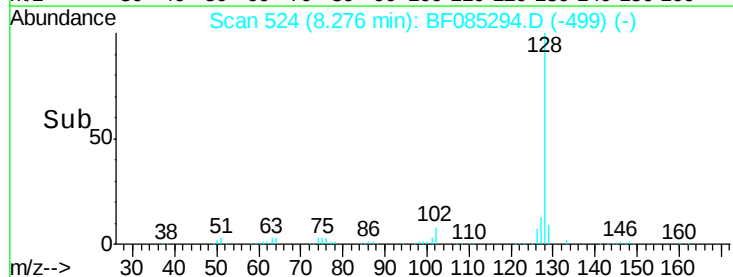
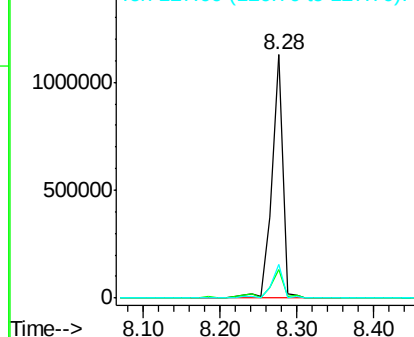


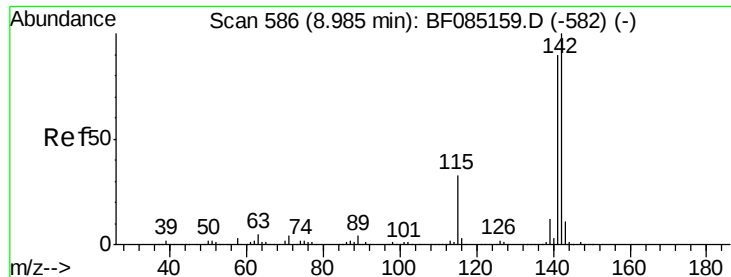
#31
Naphthalene
Concen: 64.20 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085294.D
Acq: 9 Mar 2016 9:17

Tgt Ion: 128 Resp: 1096084
Ion Ratio Lower Upper
128 100
129 11.5 9.7 14.5
127 13.7 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

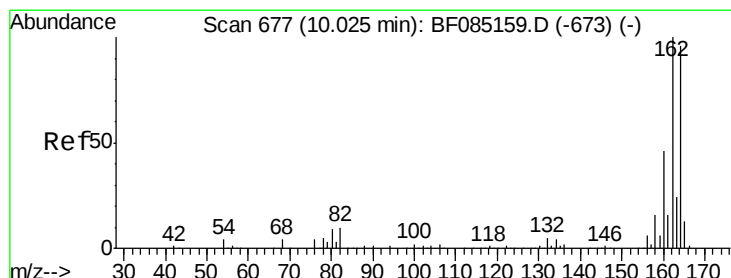
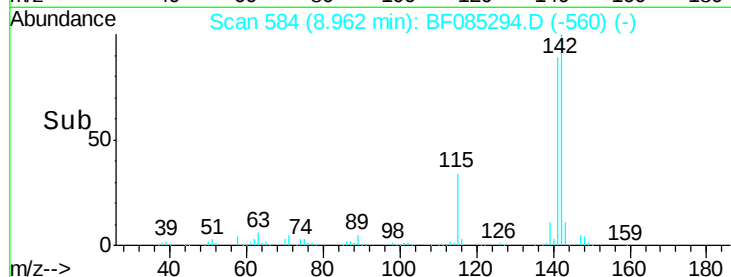
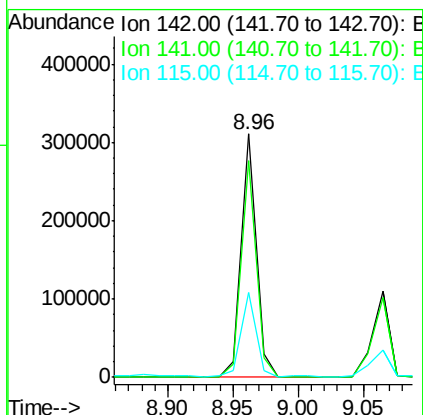
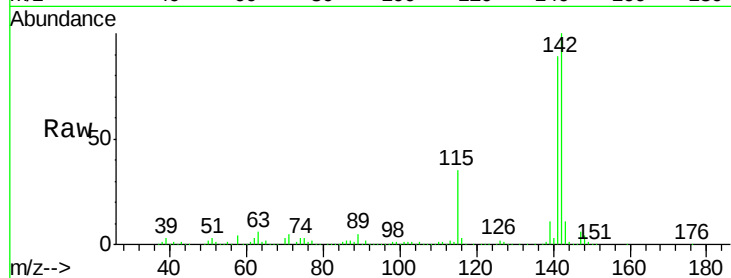




#37
2-Methylnaphthalene
Concen: 22.70 ng
RT: 8.96 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF085294.D
Acq: 9 Mar 2016 9:17

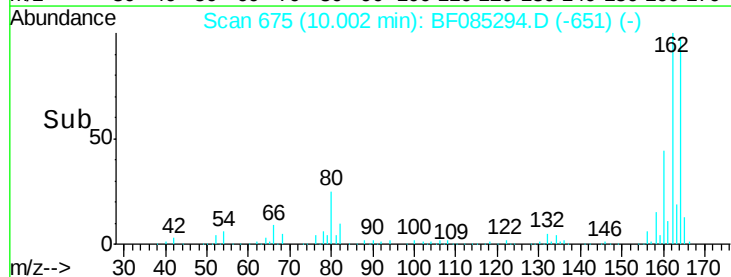
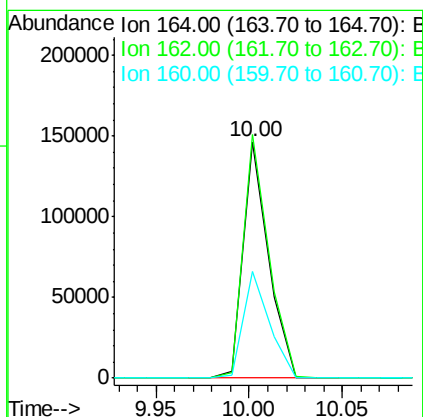
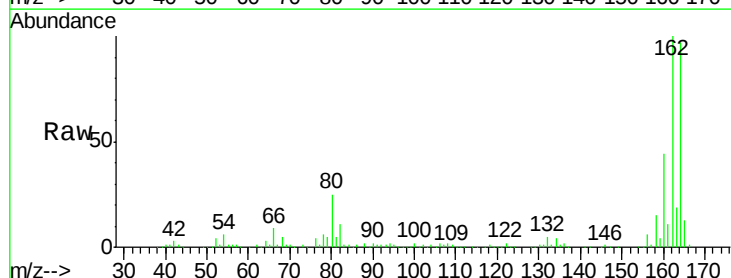
Instrument :
BNA_F
ClientSampleId :
S4-MW-01DL

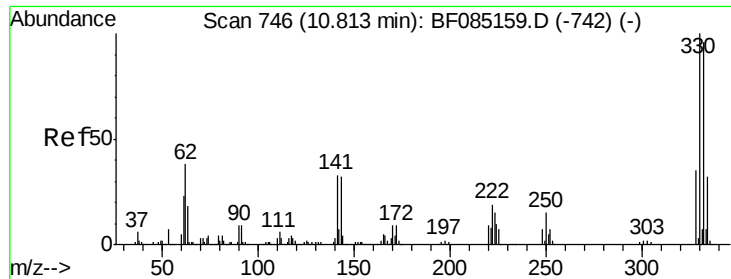
Tgt Ion:142 Resp: 248757
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5
115 35.0 26.2 39.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085294.D
Acq: 9 Mar 2016 9:17

Tgt Ion:164 Resp: 137744
Ion Ratio Lower Upper
164 100
162 103.2 83.3 124.9
160 45.2 37.9 56.9

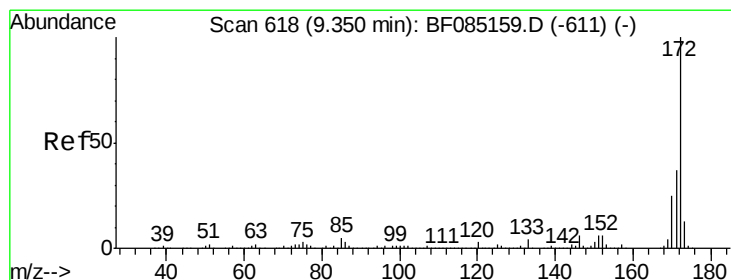
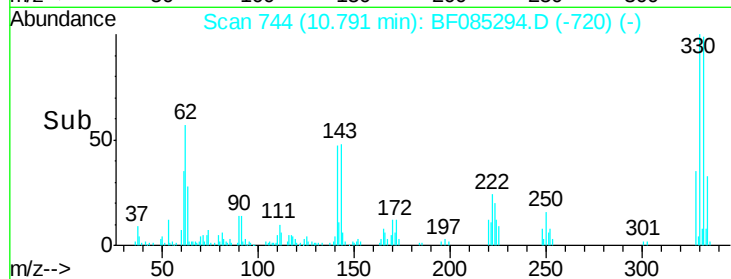
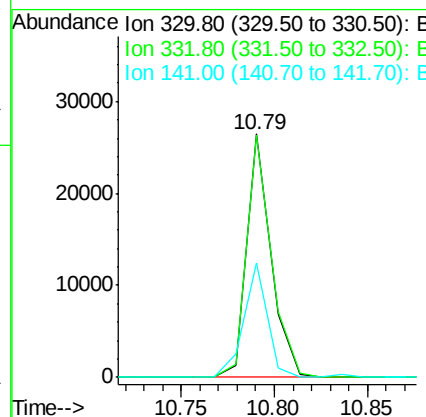
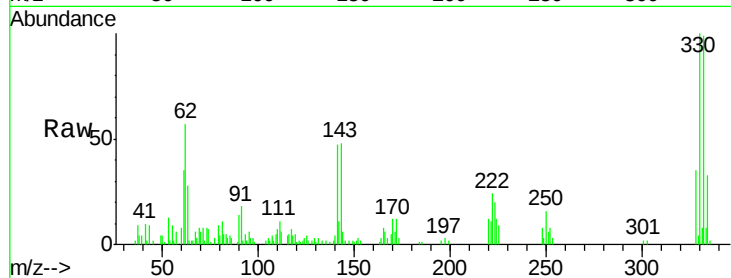




#41
 2,4,6-Tribromophenol
 Concen: 20.40 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085294.D
 Acq: 9 Mar 2016 9:17

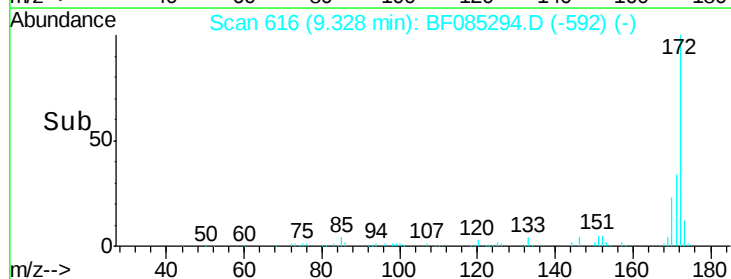
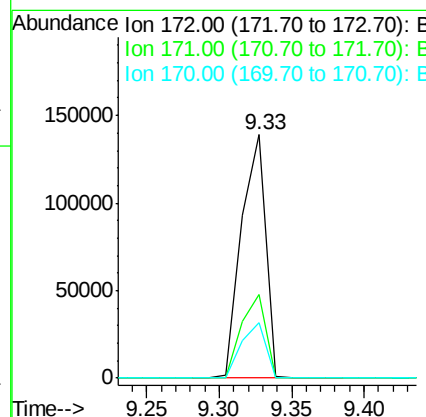
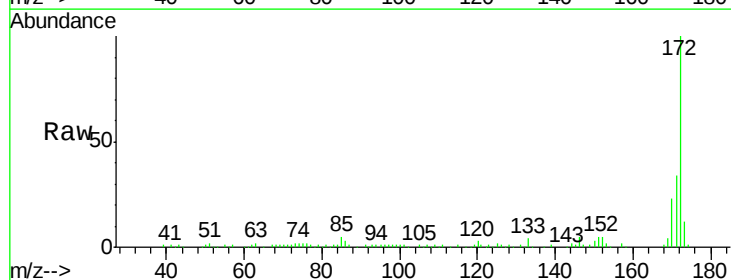
Instrument :
 BNA_F
 ClientSampleId :
 S4-MW-01DL

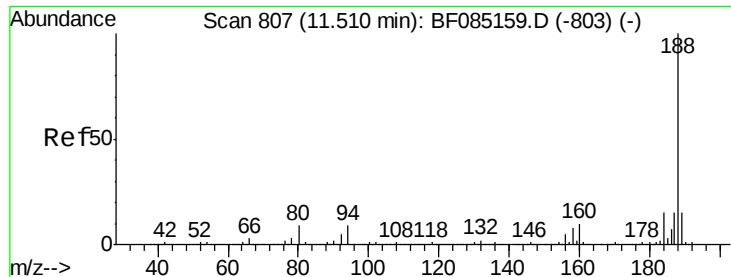
Tgt Ion:330 Resp: 24049
 Ion Ratio Lower Upper
 330 100
 332 100.6 77.1 115.7
 141 45.4 35.0 52.6



#44
 2-Fluorobiphenyl
 Concen: 17.82 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085294.D
 Acq: 9 Mar 2016 9:17

Tgt Ion:172 Resp: 161357
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.3 43.9
 170 22.7 20.0 30.0

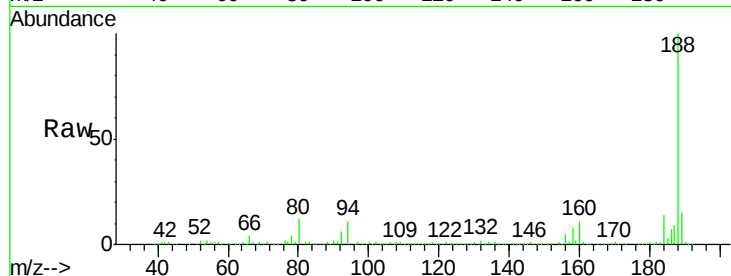




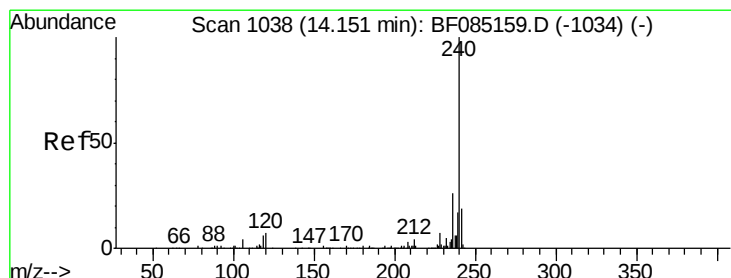
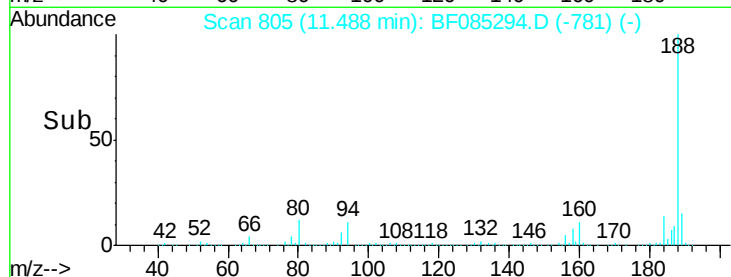
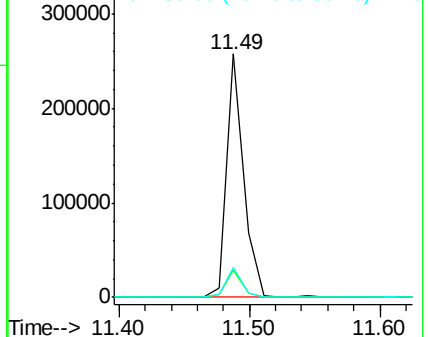
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085294.D
Acq: 9 Mar 2016 9:17

Instrument :
BNA_F
ClientSampleId :
S4-MW-01DL

Tgt Ion:188 Resp: 232303
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 12.4 7.4 11.0#

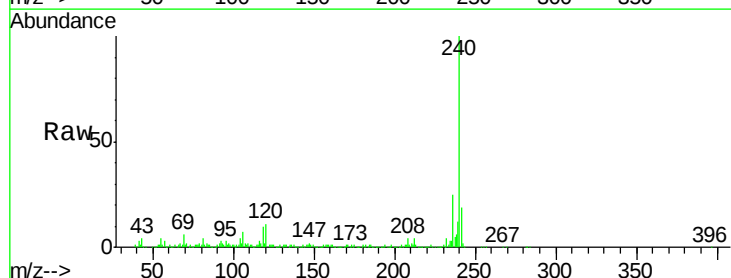


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

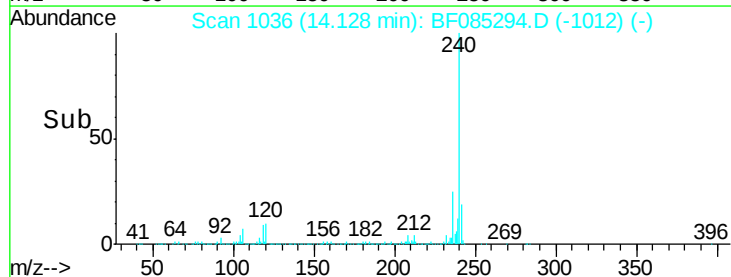
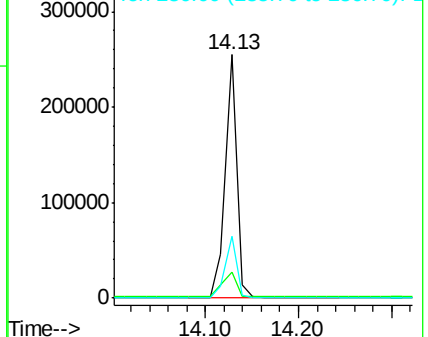


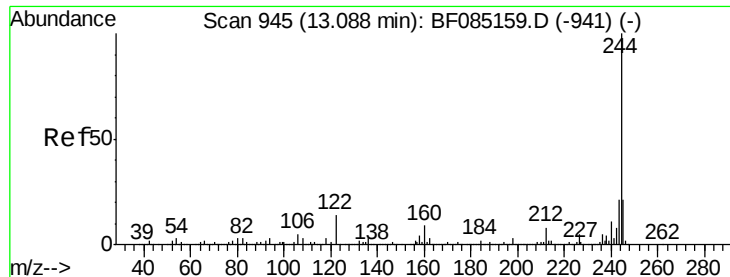
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085294.D
Acq: 9 Mar 2016 9:17

Tgt Ion:240 Resp: 219648
Ion Ratio Lower Upper
240 100
120 10.8 5.3 7.9#
236 25.2 20.7 31.1



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: 9.76 ng

RT: 13.07 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085294.D

Acq: 9 Mar 2016 9:17

Instrument :

BNA_F

ClientSampleId :

S4-MW-01DL

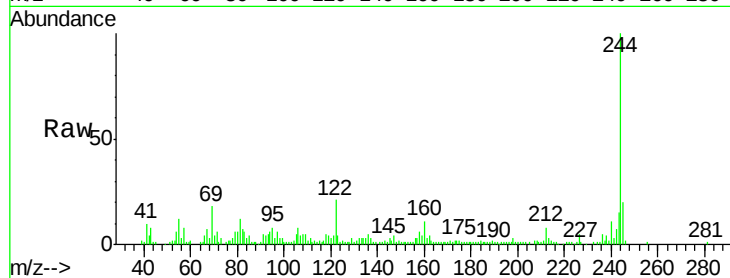
Tgt Ion:244 Resp: 92348

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

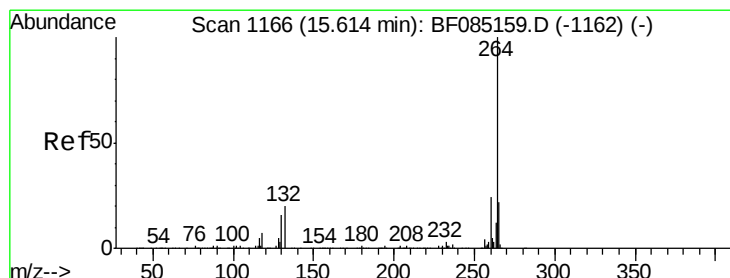
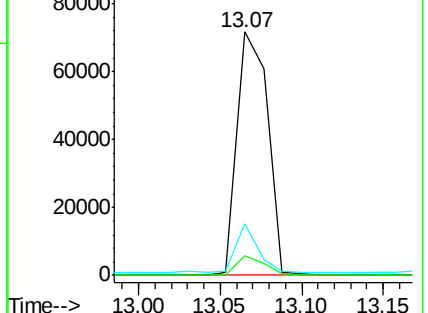
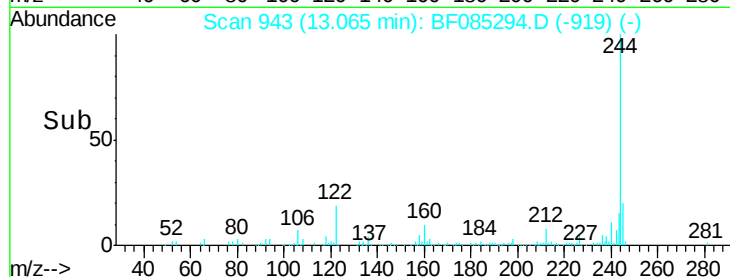
122 21.0 11.4 17.2#



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: 15.59 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF085294.D

Acq: 9 Mar 2016 9:17

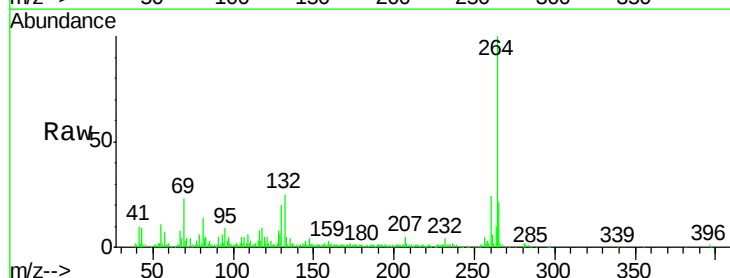
Tgt Ion:264 Resp: 189687

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.4 17.3 25.9



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

