

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085140.D
 Acq On : 3 Mar 2016 00:57
 Operator : SJ/IZ
 Sample : H1623-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-32-022516

Quant Time: Mar 03 06:41:59 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

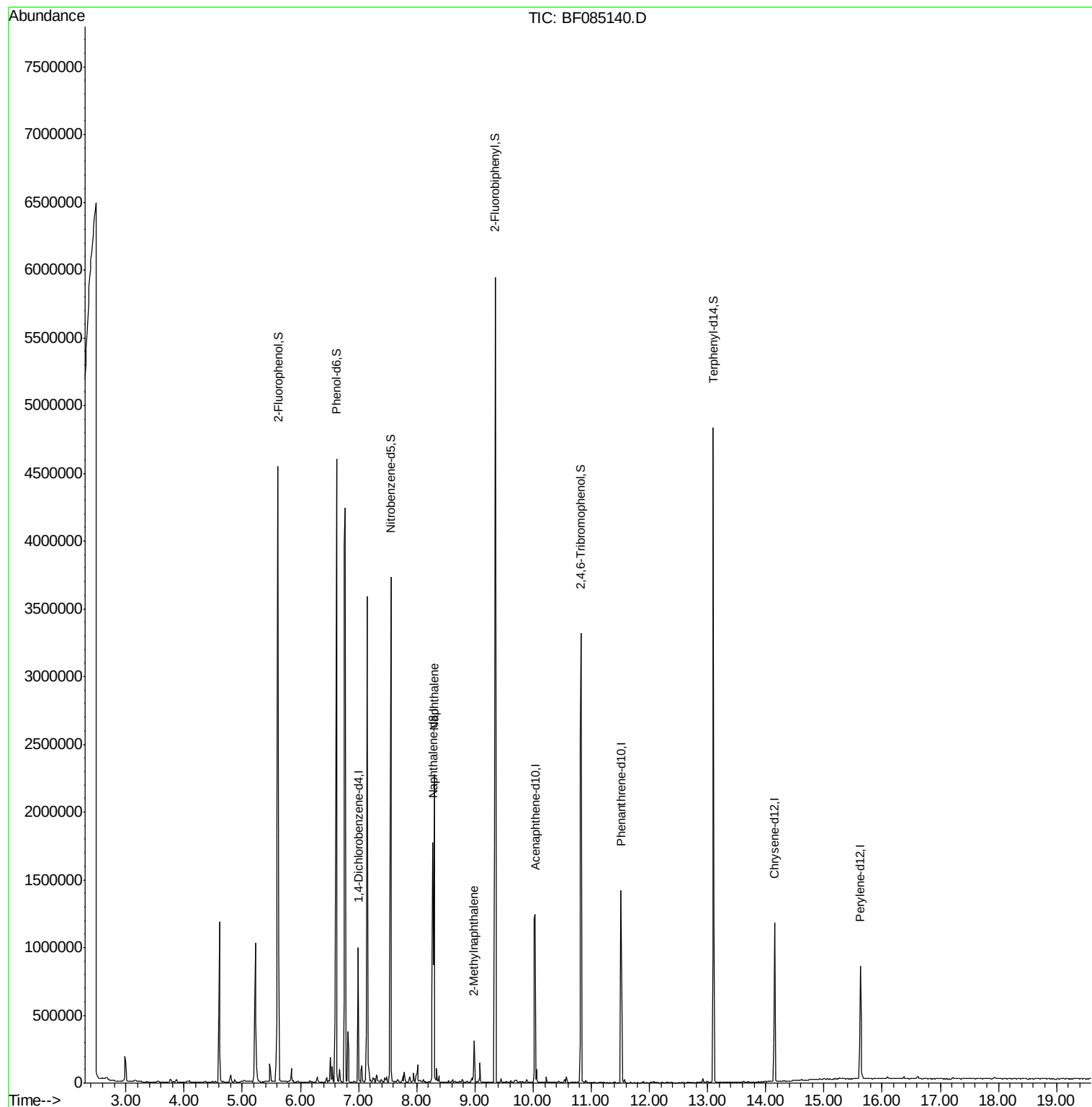
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	200354	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	818006	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	365173	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	606502	20.00	ng	0.00
75) Chrysene-d12	14.15	240	393520	20.00	ng	0.00
86) Perylene-d12	15.63	264	398127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1447245	117.27	ng	0.03
7) Phenol-d6	6.62	99	1816423	112.27	ng	0.00
23) Nitrobenzene-d5	7.56	82	1471805	95.73	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	638294	173.93	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	2047172	82.56	ng	0.00
78) Terphenyl-d14	13.10	244	1598191	95.27	ng	0.00
Target Compounds						
31) Naphthalene	8.30	128	1050811	25.40	ng	98
37) 2-Methylnaphthalene	8.98	142	80669	3.19	ng	99

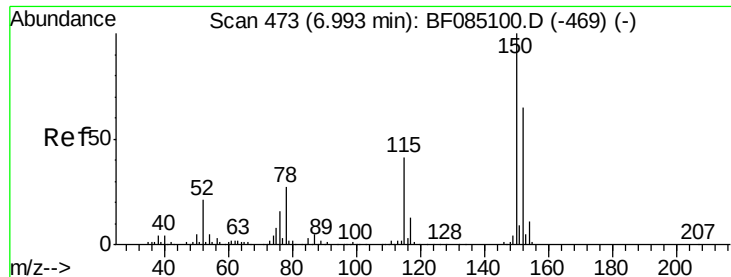
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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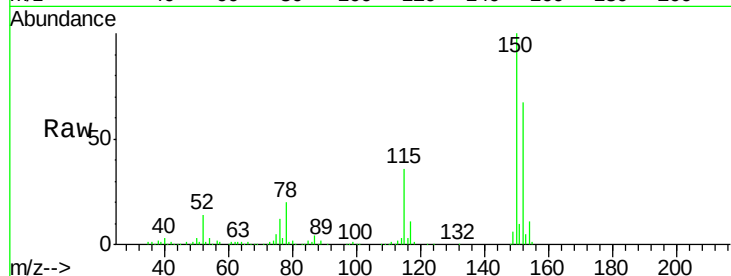


#1

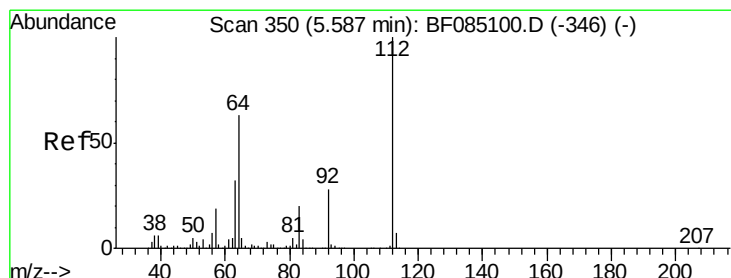
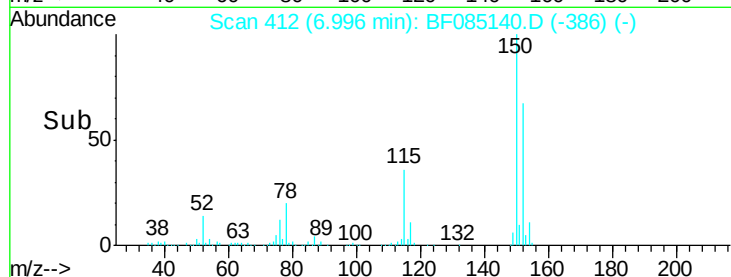
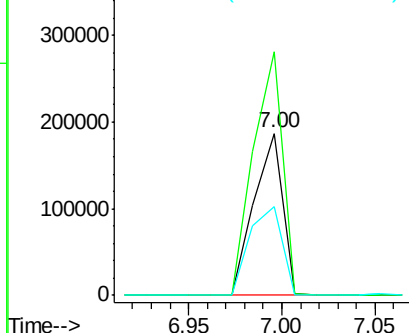
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085140.D
Acq: 3 Mar 2016 00:57

Instrument :
BNA_F
ClientSampleId :
HSR-WC-32-022516

Tgt Ion:152 Resp: 200354
Ion Ratio Lower Upper
152 100
150 150.3 123.4 185.0
115 54.5 50.0 75.0



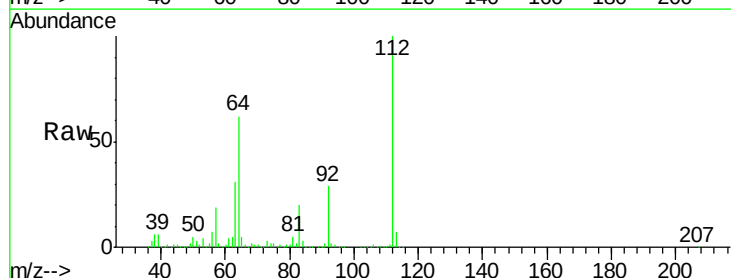
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



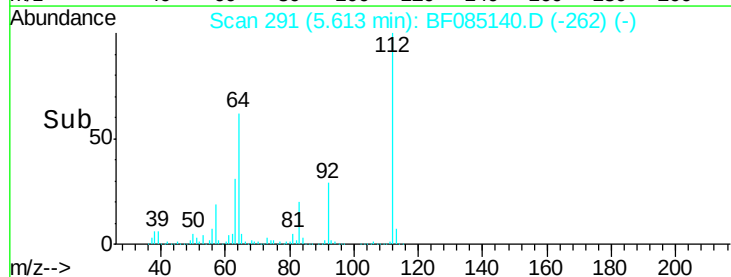
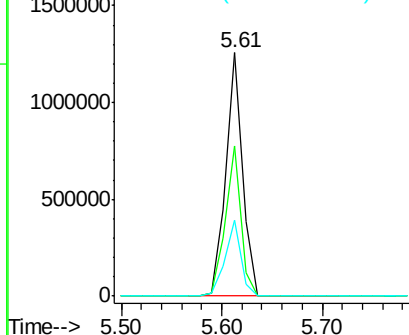
#5

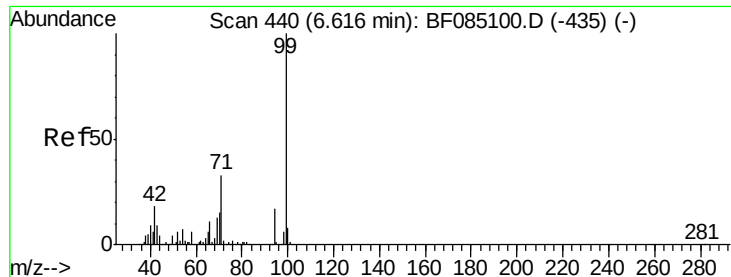
2-Fluorophenol
Concen: 117.27 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085140.D
Acq: 3 Mar 2016 00:57

Tgt Ion:112 Resp: 1447245
Ion Ratio Lower Upper
112 100
64 61.6 50.6 76.0
63 31.3 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: 112.27 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

Instrument :

BNA_F

ClientSampleId :

HSR-WC-32-022516

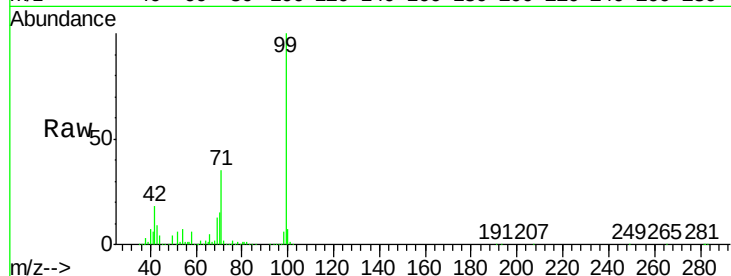
Tgt Ion: 99 Resp: 1816423

Ion Ratio Lower Upper

99 100

42 17.7 14.1 21.1

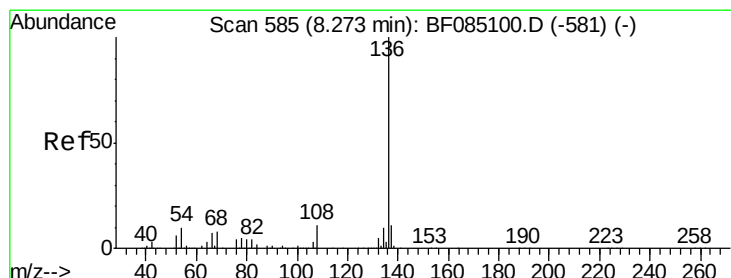
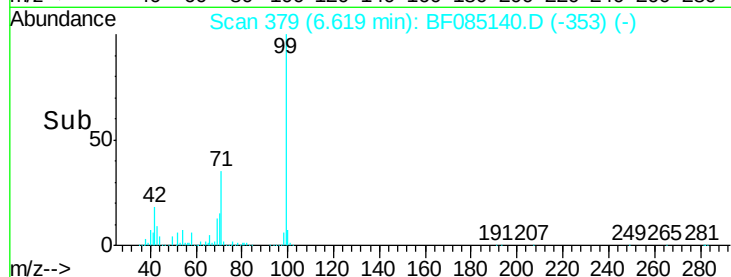
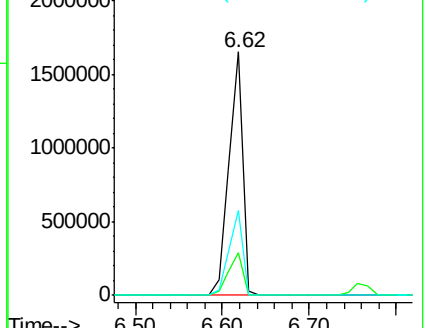
71 34.9 26.8 40.2



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: BF085140.D

Acq: 3 Mar 2016 00:57

Tgt Ion: 136 Resp: 818006

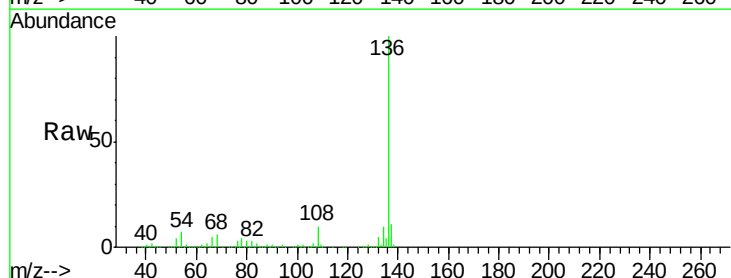
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.3 8.5 12.7#

68 6.0 6.4 9.6#

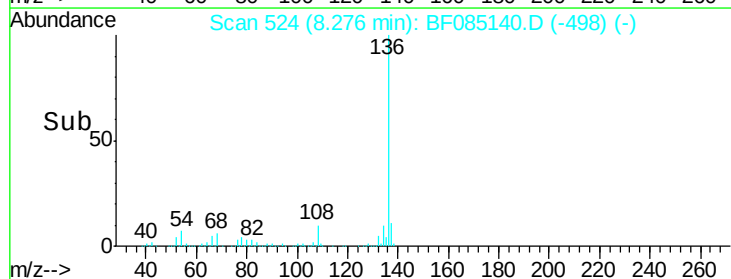
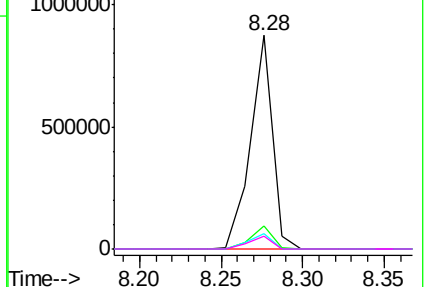


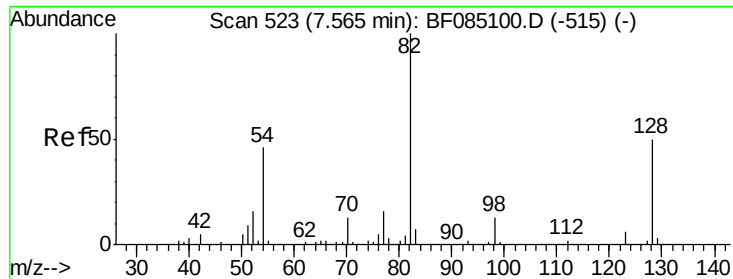
Abundance Ion 136.00 (135.70 to 136.70): E

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

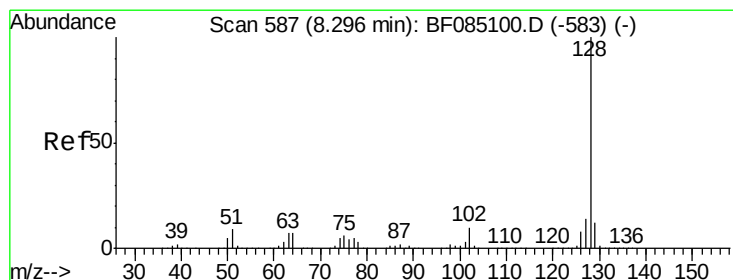
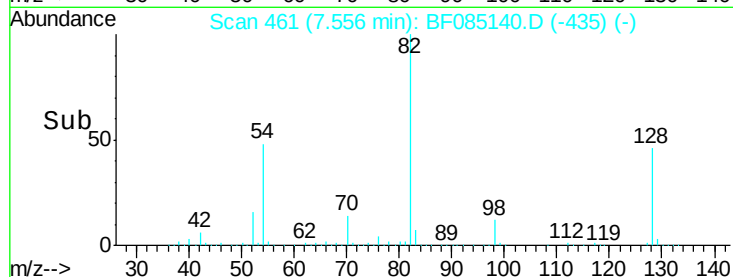
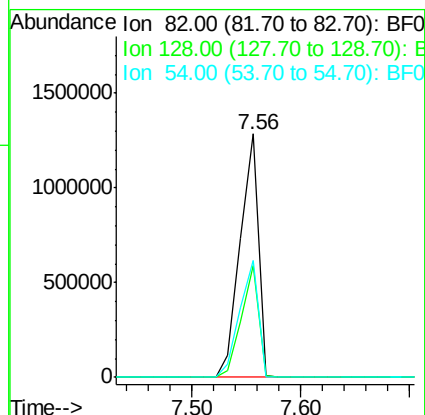
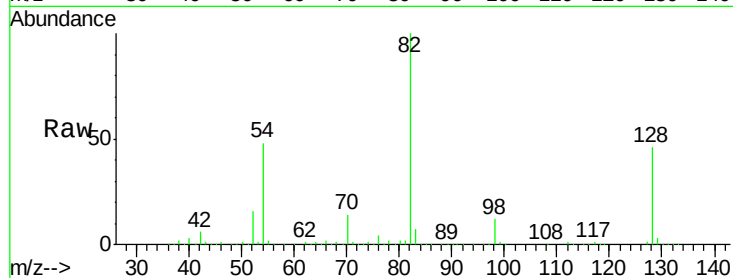




#23
 Nitrobenzene-d5
 Concen: 95.73 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085140.D
 Acq: 3 Mar 2016 00:57

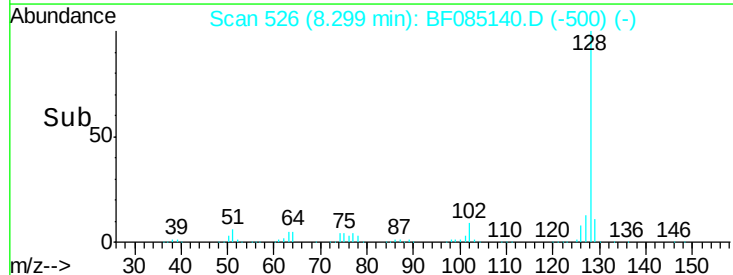
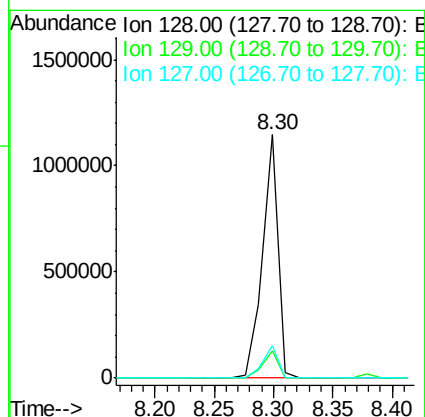
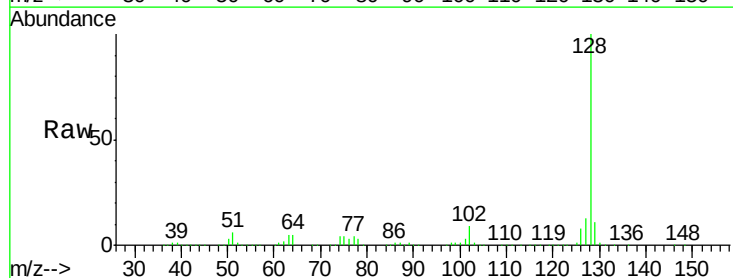
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-32-022516

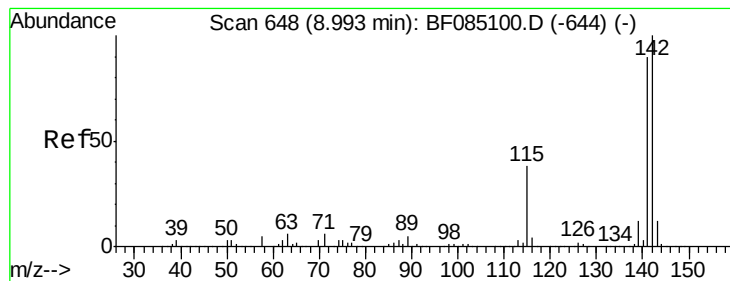
Tgt Ion: 82 Resp: 1471805
 Ion Ratio Lower Upper
 82 100
 128 46.2 39.8 59.6
 54 47.8 36.6 54.8



#31
 Naphthalene
 Concen: 25.40 ng
 RT: 8.30 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF085140.D
 Acq: 3 Mar 2016 00:57

Tgt Ion: 128 Resp: 1050811
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.7 14.5
 127 13.3 11.1 16.7





#37

2-Methylnaphthalene

Concen: 3.19 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

Instrument :

BNA_F

ClientSampleId :

HSR-WC-32-022516

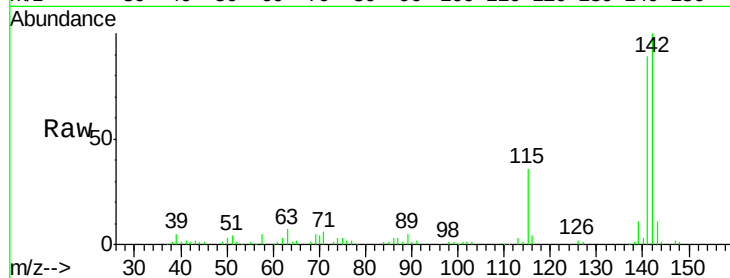
Tgt Ion:142 Resp: 80669

Ion Ratio Lower Upper

142 100

141 89.0 71.7 107.5

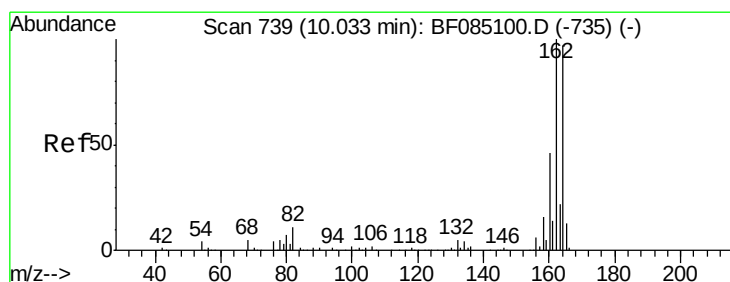
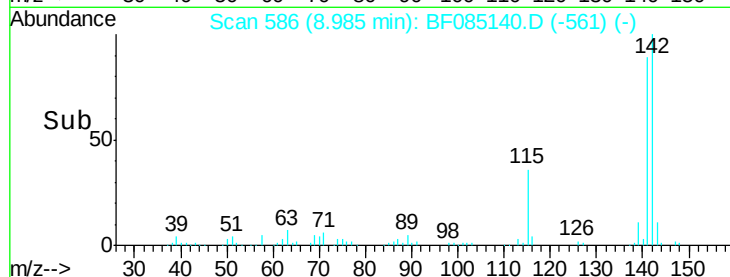
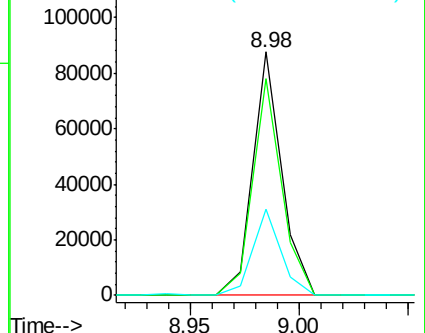
115 35.6 30.1 45.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.04 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

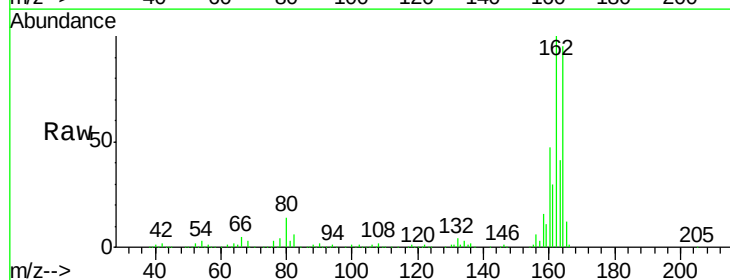
Tgt Ion:164 Resp: 365173

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

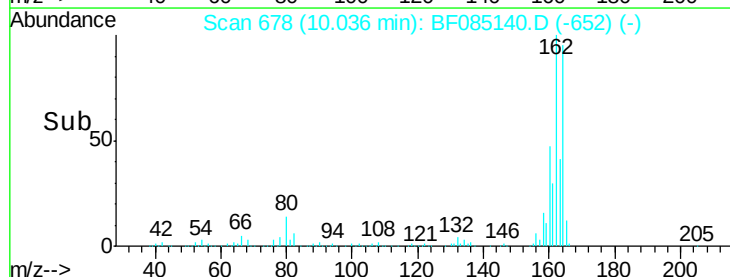
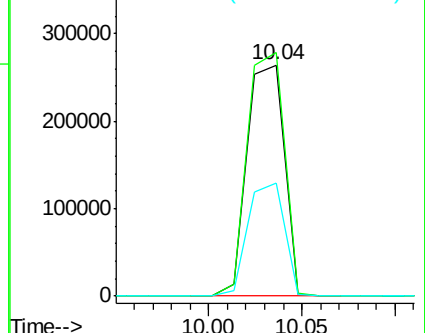
160 49.1 38.2 57.2

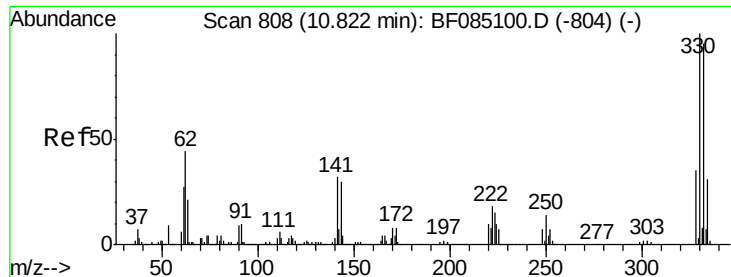


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

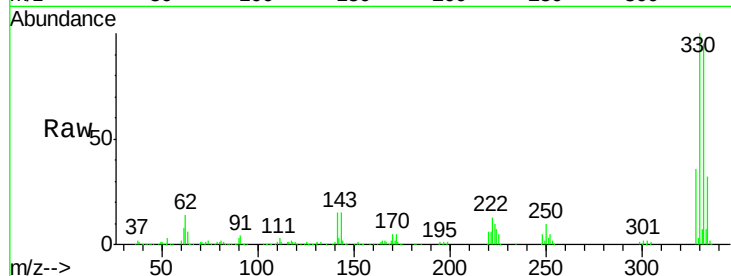




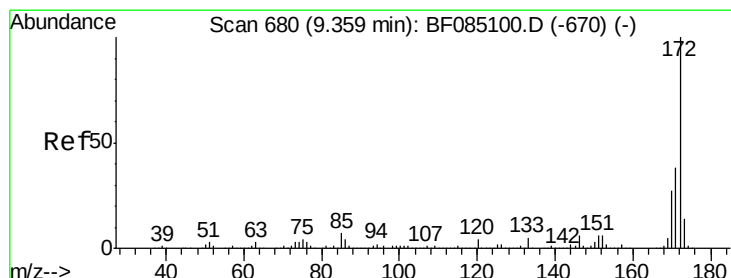
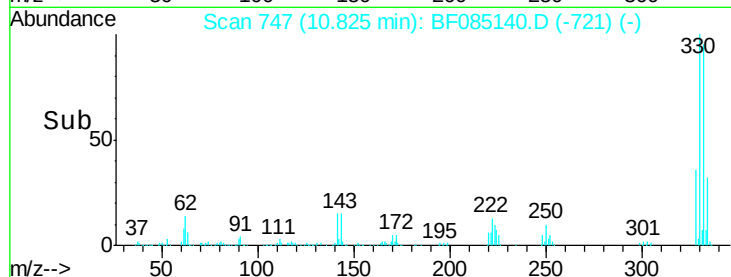
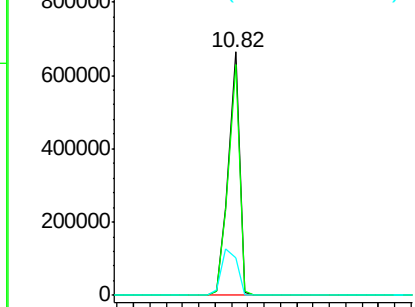
#41
 2,4,6-Tribromophenol
 Concen: 173.93 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085140.D
 Acq: 3 Mar 2016 00:57

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-32-022516

Tgt Ion:330 Resp: 638294
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.9 113.9
 141 26.5 28.9 43.3#

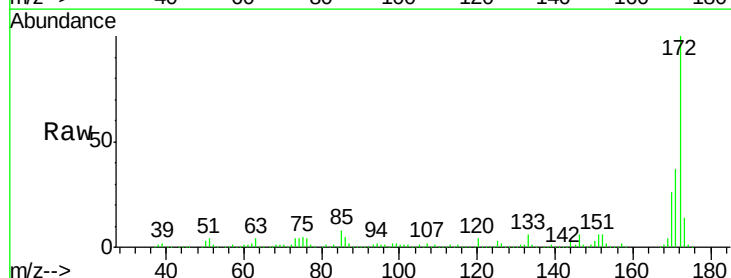


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

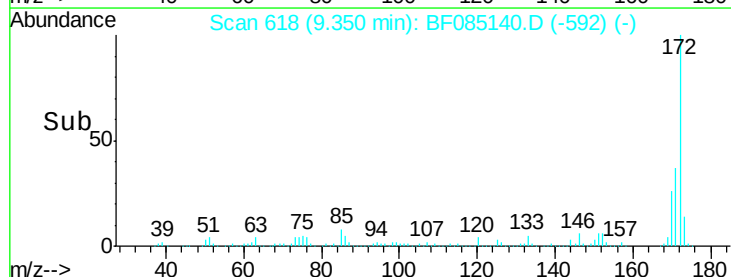
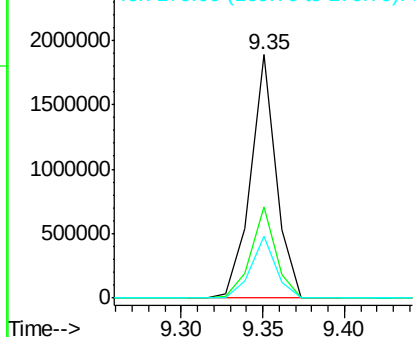


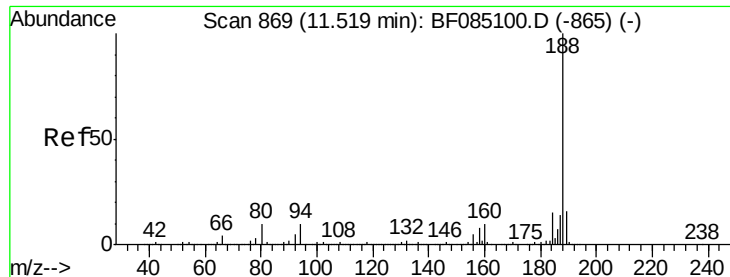
#44
 2-Fluorobiphenyl
 Concen: 82.56 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085140.D
 Acq: 3 Mar 2016 00:57

Tgt Ion:172 Resp: 2047172
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 25.6 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

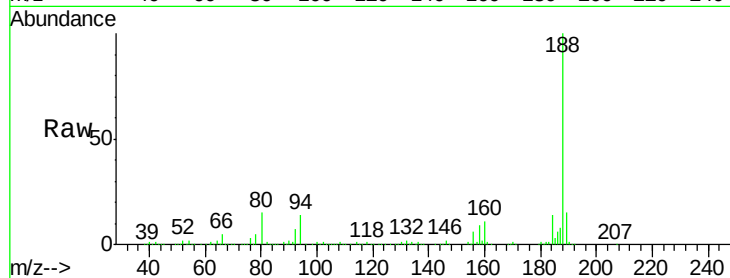




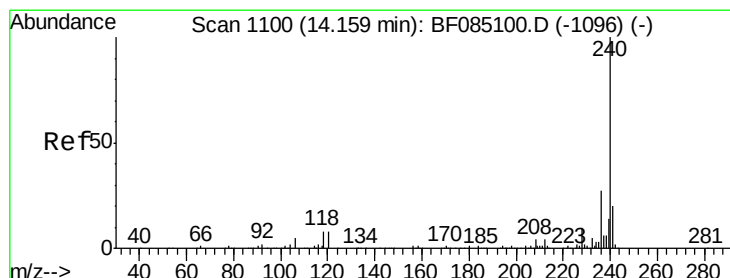
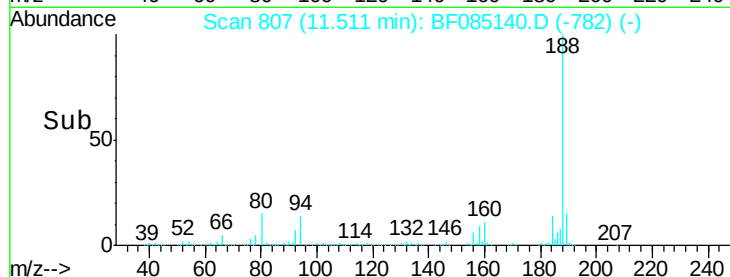
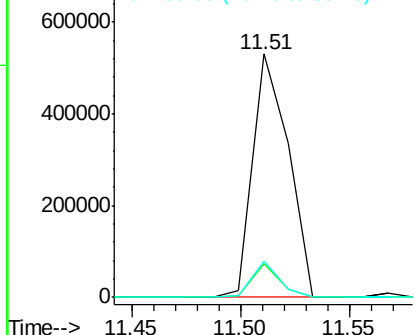
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085140.D
Acq: 3 Mar 2016 00:57

Instrument :
BNA_F
ClientSampleId :
HSR-WC-32-022516

Tgt Ion:188 Resp: 606502
Ion Ratio Lower Upper
188 100
94 13.8 7.8 11.6#
80 14.7 8.2 12.4#

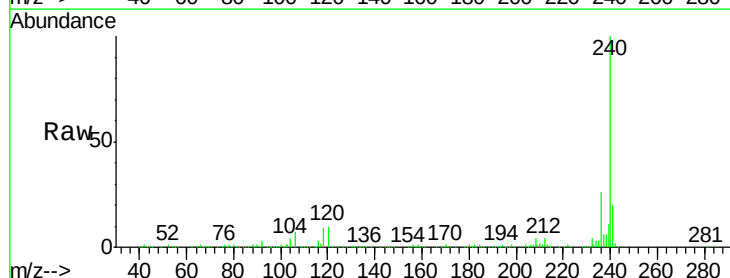


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

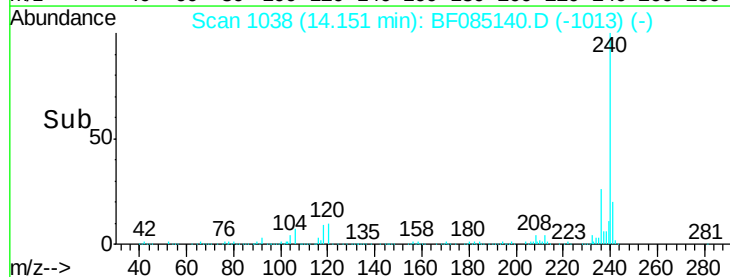
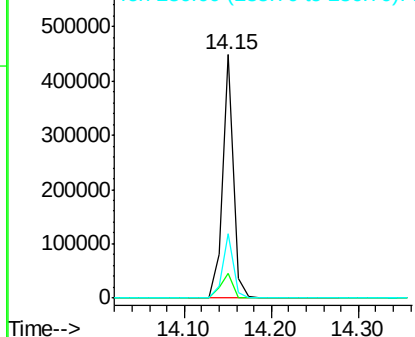


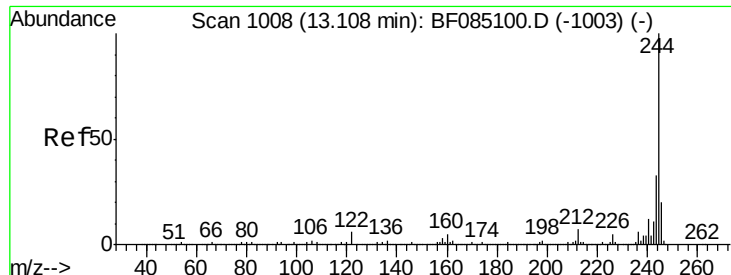
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085140.D
Acq: 3 Mar 2016 00:57

Tgt Ion:240 Resp: 393520
Ion Ratio Lower Upper
240 100
120 10.2 6.7 10.1#
236 26.3 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: 95.27 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

Instrument :

BNA_F

ClientSampleId :

HSR-WC-32-022516

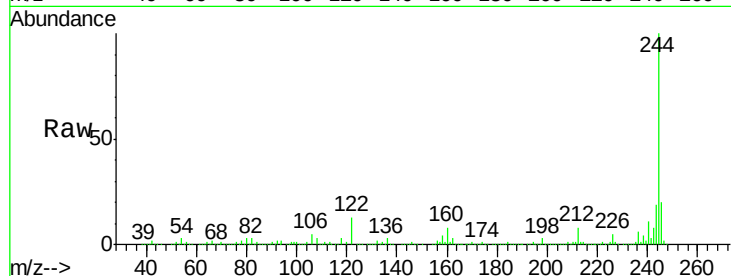
Tgt Ion:244 Resp: 1598191

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

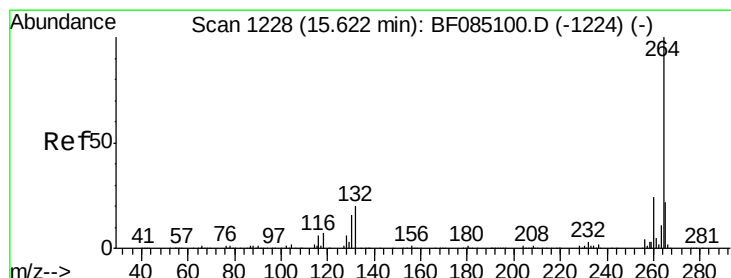
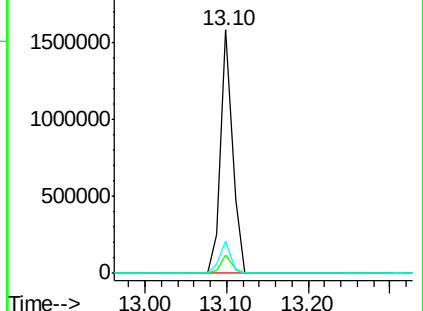
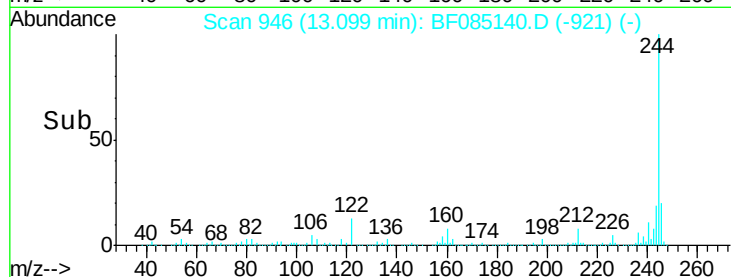
122 13.4 5.1 7.7#



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: 15.63 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

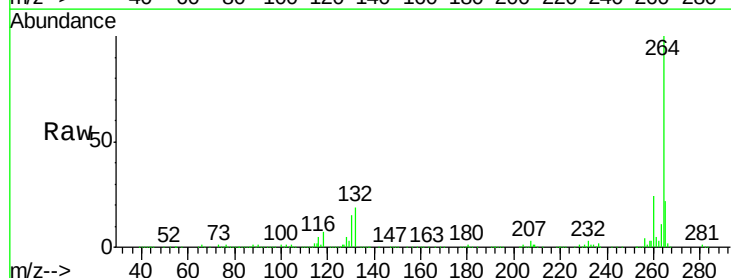
Tgt Ion:264 Resp: 398127

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 22.0 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

