

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085147.D
 Acq On : 3 Mar 2016 4:11
 Operator : SJ/IZ
 Sample : H1623-12
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-39-022516

Quant Time: Mar 03 05:50:39 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

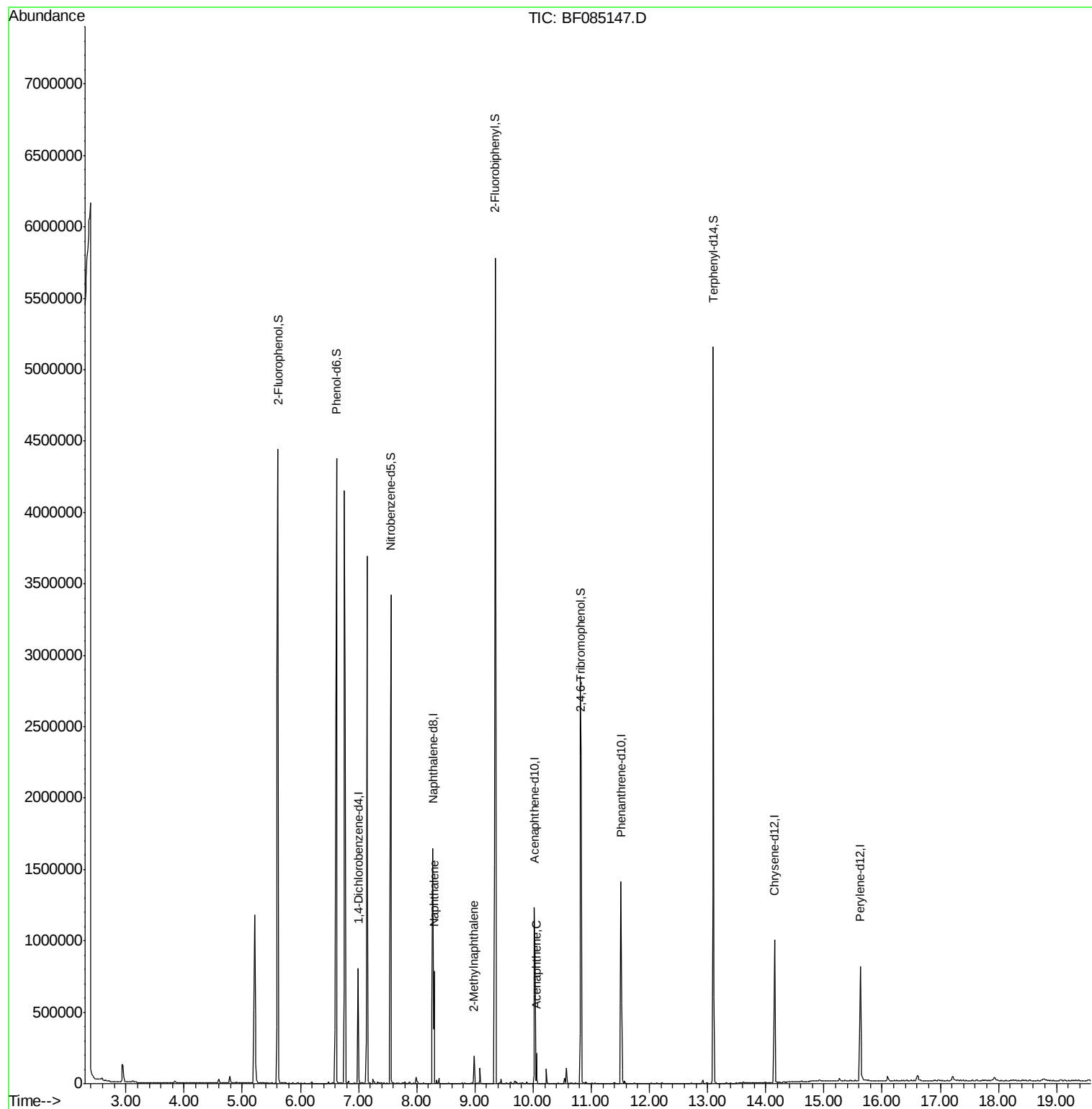
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	176878	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	737606	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	315904	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	548727	20.00	ng	0.00
75) Chrysene-d12	14.15	240	369866	20.00	ng	0.00
86) Perylene-d12	15.63	264	370752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1544033	141.72	ng	0.03
7) Phenol-d6	6.62	99	1858871	130.15	ng	0.00
23) Nitrobenzene-d5	7.56	82	1363985	98.38	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	578365	182.18	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1853989	86.43	ng	0.00
78) Terphenyl-d14	13.10	244	1604191	101.74	ng	0.00
Target Compounds						
31) Naphthalene	8.30	128	391609	10.50	ng	97
37) 2-Methylnaphthalene	8.98	142	48028	2.11	ng	98
51) Acenaphthene	10.06	154	44429	2.33	ng	98

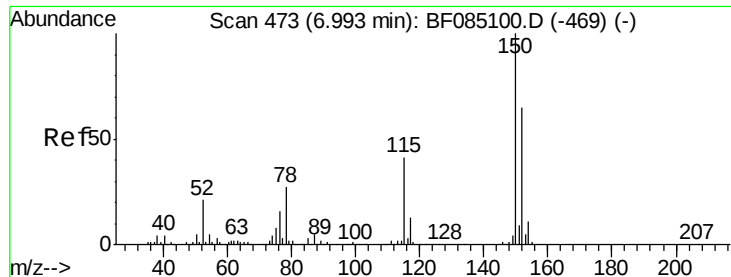
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085147.D

Acq: 3 Mar 2016 4:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-39-022516

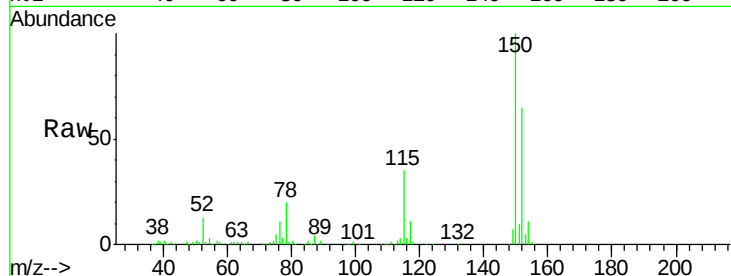
Tgt Ion:152 Resp: 176878

Ion Ratio Lower Upper

152 100

150 154.3 123.4 185.0

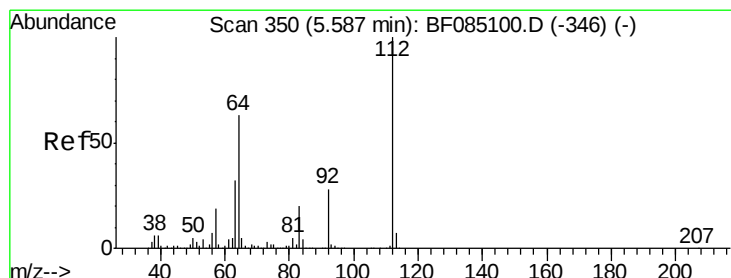
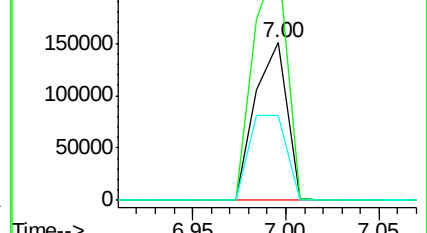
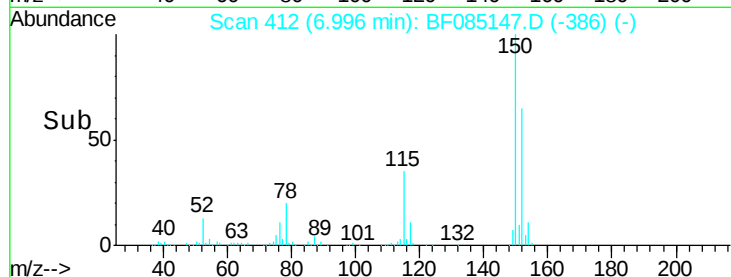
115 53.9 50.0 75.0



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: 141.72 ng

RT: 5.61 min Scan# 291

Delta R.T. 0.03 min

Lab File: BF085147.D

Acq: 3 Mar 2016 4:11

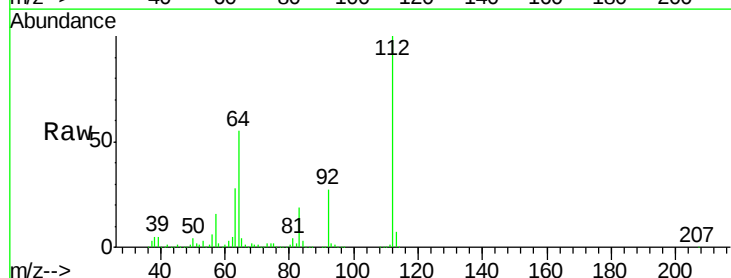
Tgt Ion:112 Resp: 1544033

Ion Ratio Lower Upper

112 100

64 54.5 50.6 76.0

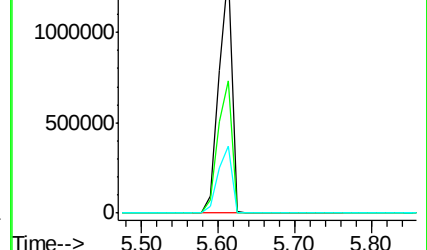
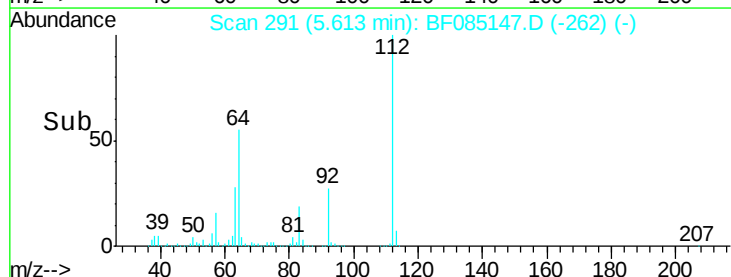
63 27.7 25.5 38.3

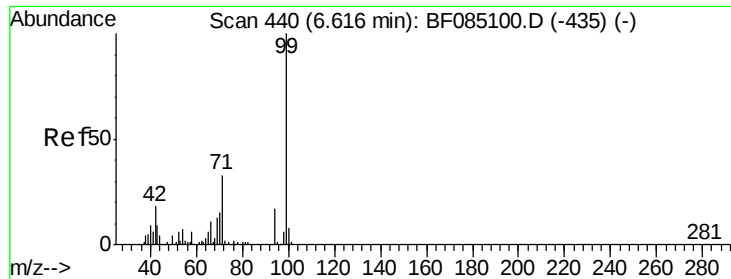


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.15 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085147.D

Acq: 3 Mar 2016 4:11

Instrument :

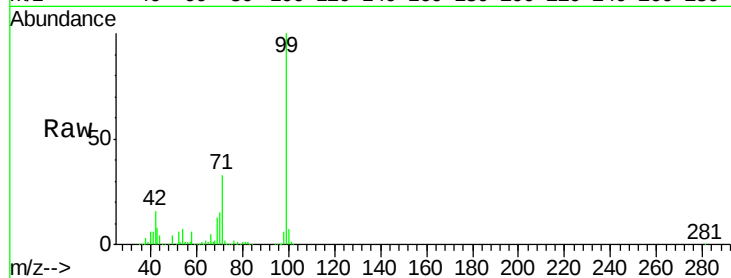
BNA_F

ClientSampleId :

HSR-WC-39-022516

Tgt Ion: 99 Resp: 1858871

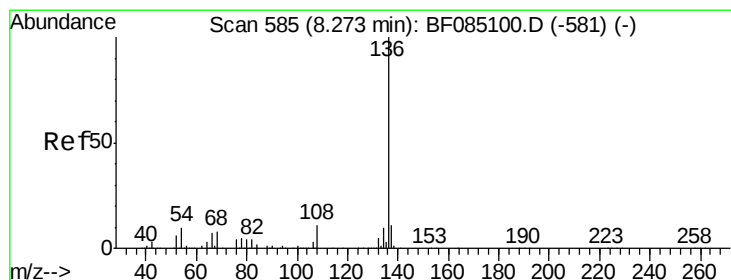
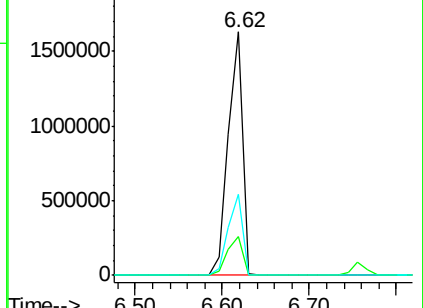
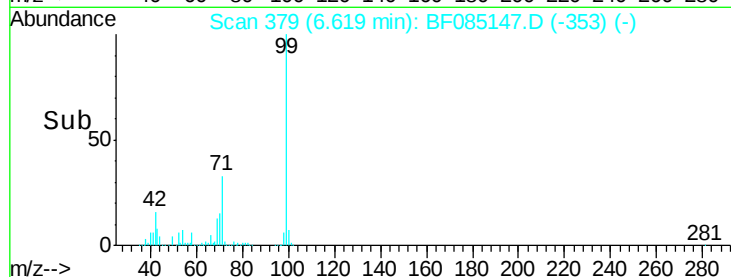
Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	33.3	26.8	40.2



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

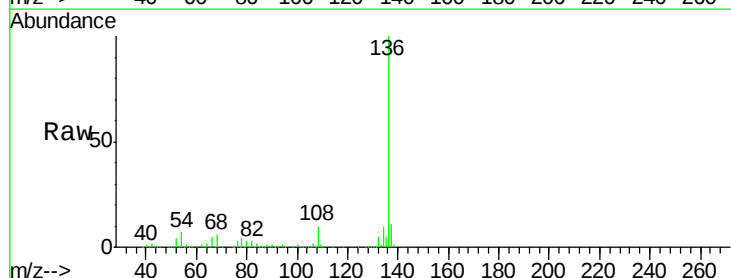
Delta R.T. 0.00 min

Lab File: BF085147.D

Acq: 3 Mar 2016 4:11

Tgt Ion: 136 Resp: 737606

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.0	8.5	12.7#
68	5.8	6.4	9.6#

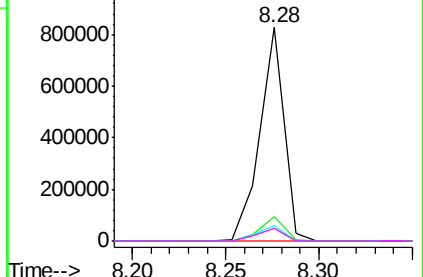
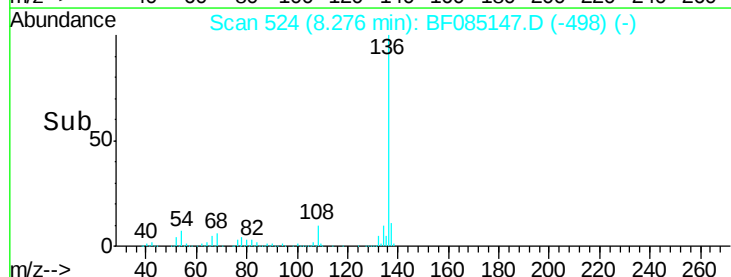


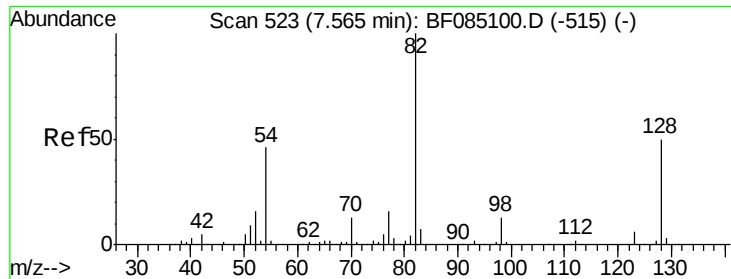
Abundance Ion 136.00 (135.70 to 136.70): E

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

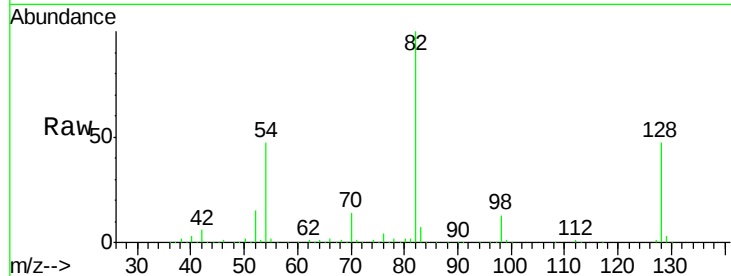




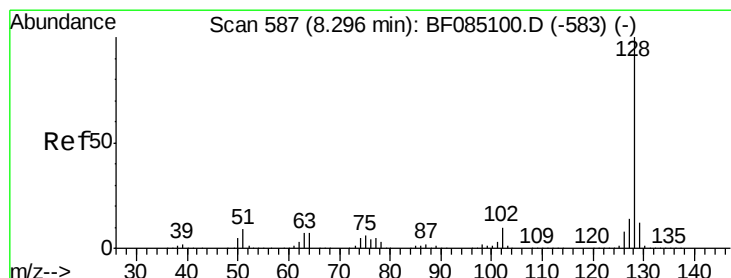
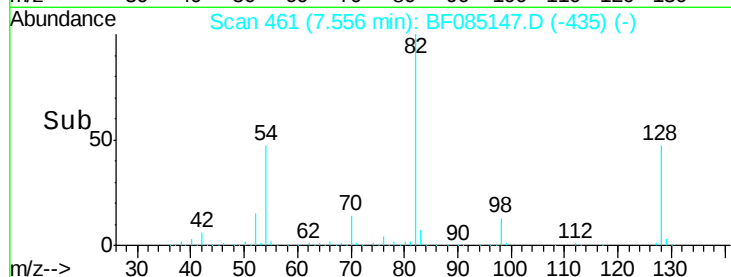
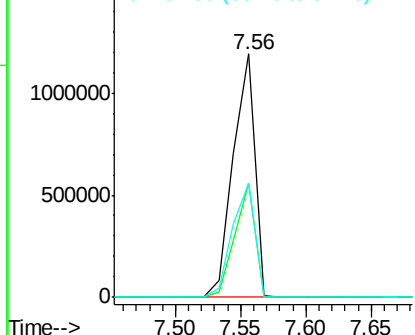
#23
 Nitrobenzene-d5
 Concen: 98.38 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085147.D
 Acq: 3 Mar 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-39-022516

Tgt Ion: 82 Resp: 1363985
 Ion Ratio Lower Upper
 82 100
 128 47.2 39.8 59.6
 54 47.0 36.6 54.8

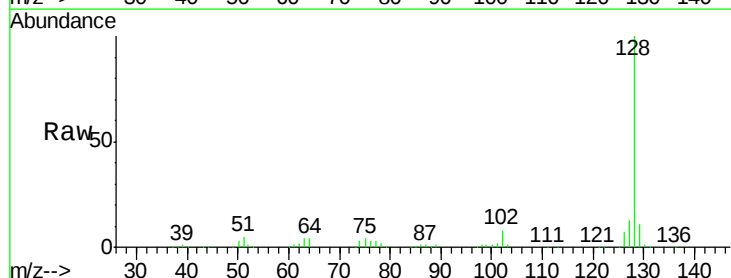


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

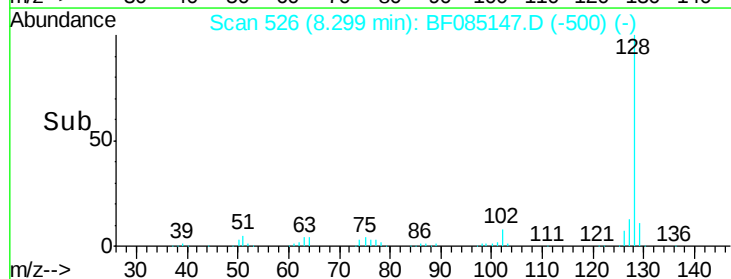
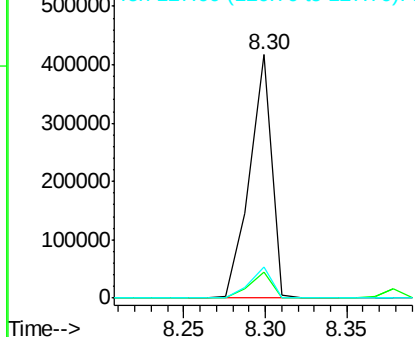


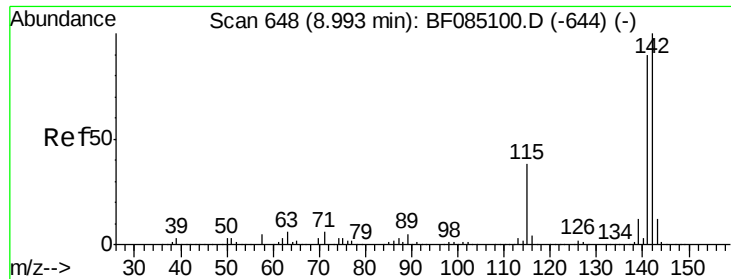
#31
 Naphthalene
 Concen: 10.50 ng
 RT: 8.30 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF085147.D
 Acq: 3 Mar 2016 4:11

Tgt Ion: 128 Resp: 391609
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.7 14.5
 127 12.9 11.1 16.7



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

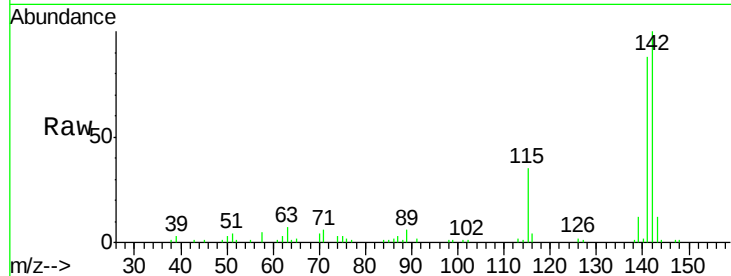




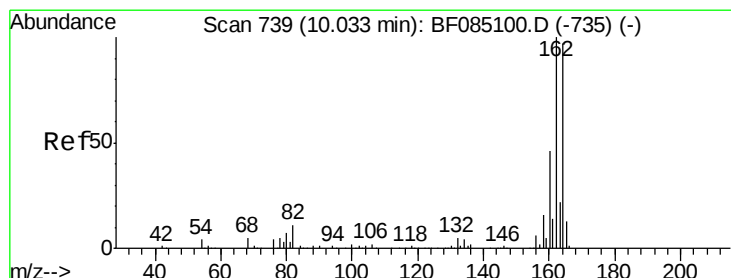
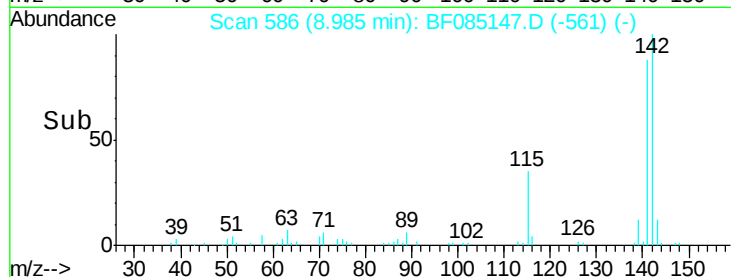
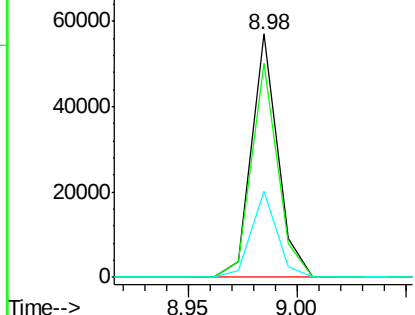
#37
 2-Methylnaphthalene
 Concen: 2.11 ng
 RT: 8.98 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF085147.D
 Acq: 3 Mar 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-39-022516

Tgt Ion:142 Resp: 48028
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.7 107.5
 115 35.4 30.1 45.1

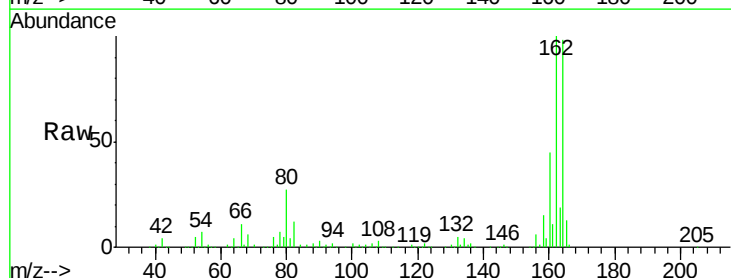


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

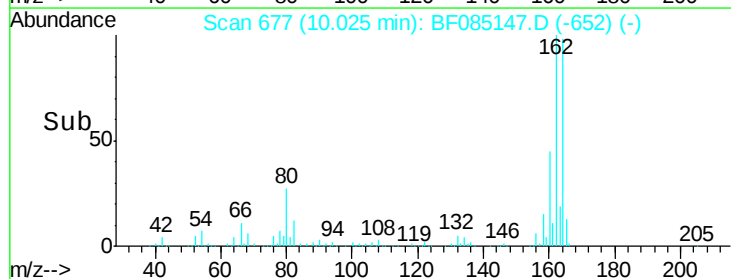
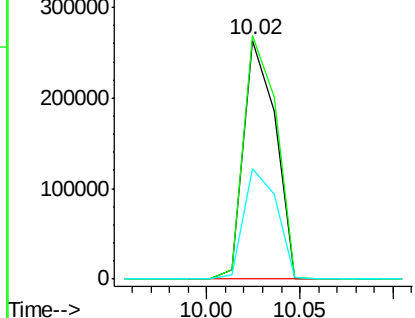


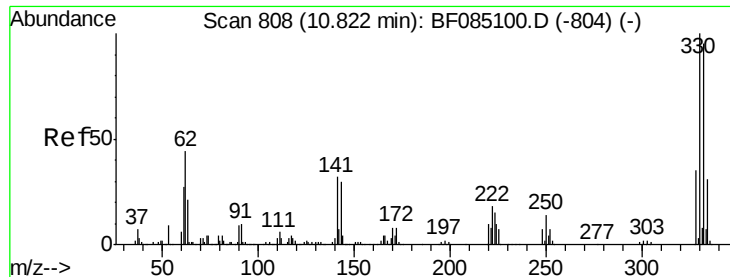
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF085147.D
 Acq: 3 Mar 2016 4:11

Tgt Ion:164 Resp: 315904
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 123.8
 160 46.1 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

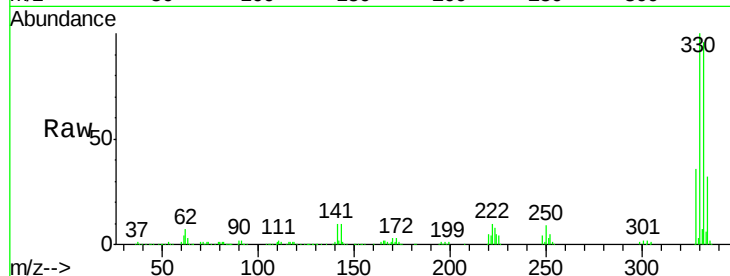




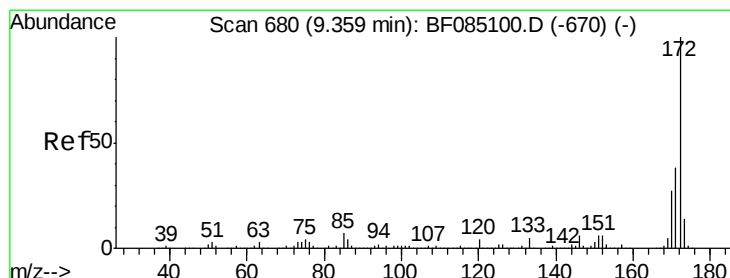
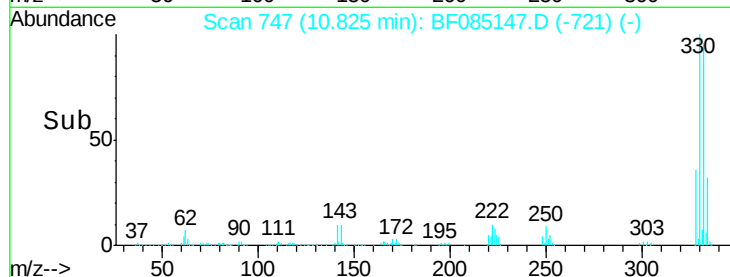
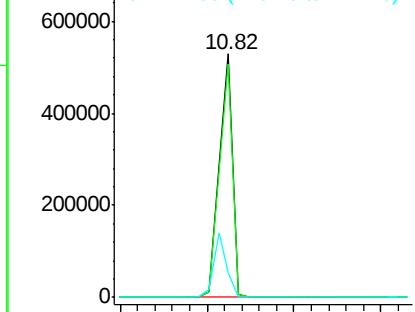
#41
 2,4,6-Tribromophenol
 Concen: 182.18 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085147.D
 Acq: 3 Mar 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-39-022516

Tgt Ion:330 Resp: 578365
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.9 113.9
 141 25.5 28.9 43.3#

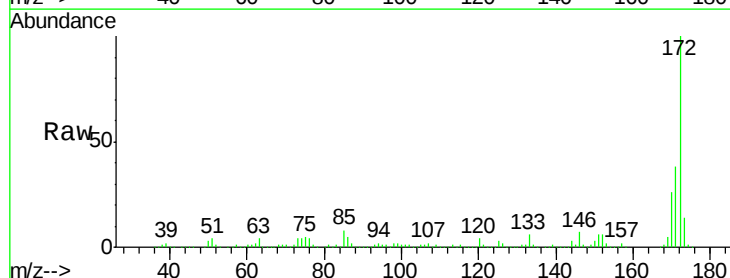


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

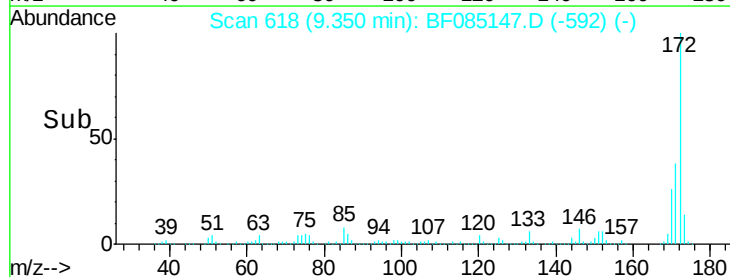
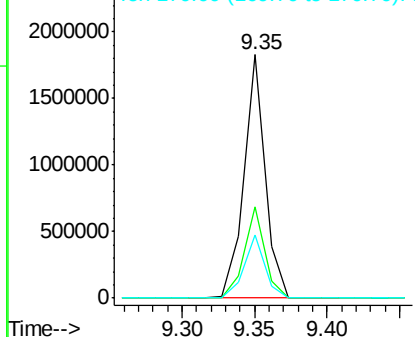


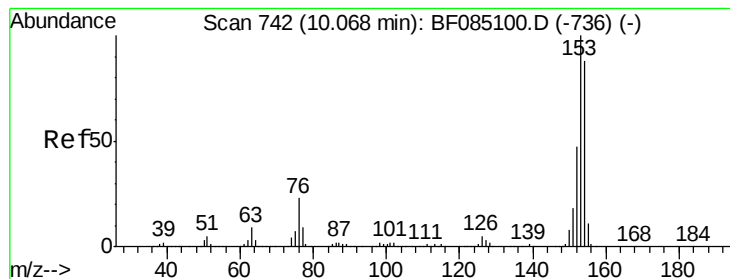
#44
 2-Fluorobiphenyl
 Concen: 86.43 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085147.D
 Acq: 3 Mar 2016 4:11

Tgt Ion:172 Resp: 1853989
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.5 45.7
 170 25.8 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





#51

Acenaphthene

Concen: 2.33 ng

RT: 10.06 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF085147.D

Acq: 3 Mar 2016 4:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-39-022516

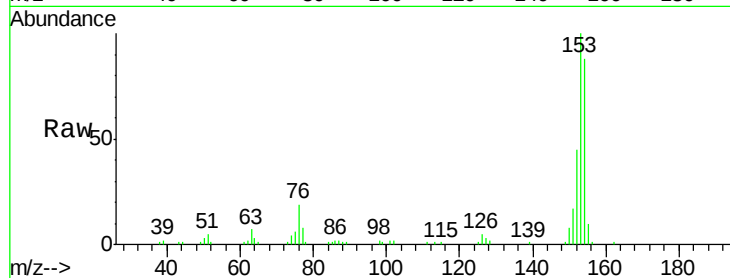
Tgt Ion:154 Resp: 44429

Ion Ratio Lower Upper

154 100

153 113.2 91.0 136.6

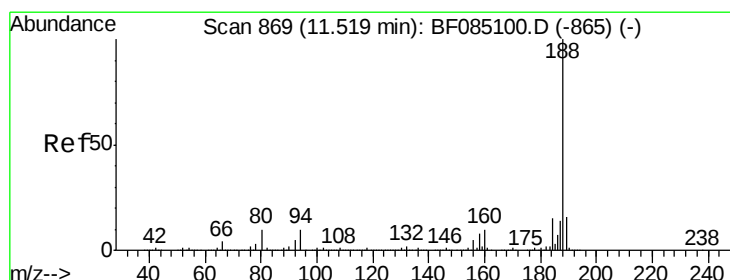
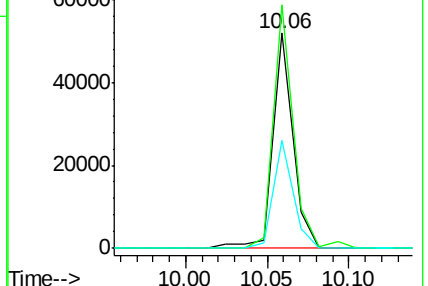
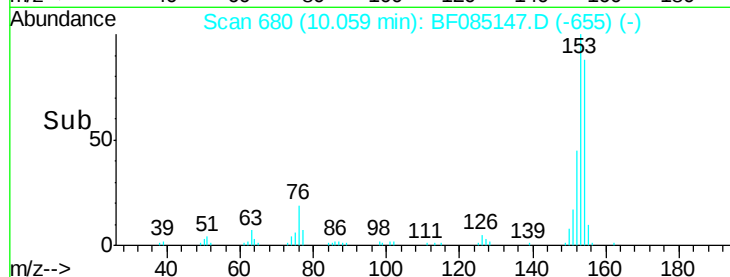
152 50.4 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF085147.D

Acq: 3 Mar 2016 4:11

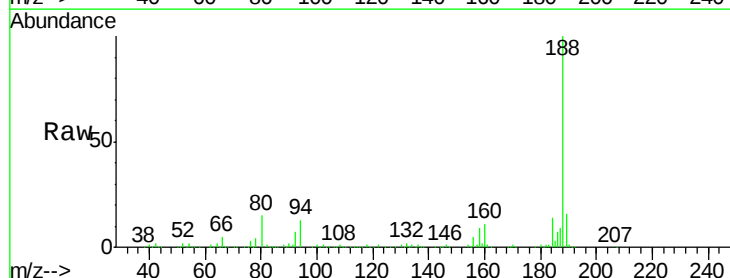
Tgt Ion:188 Resp: 548727

Ion Ratio Lower Upper

188 100

94 13.2 7.8 11.6#

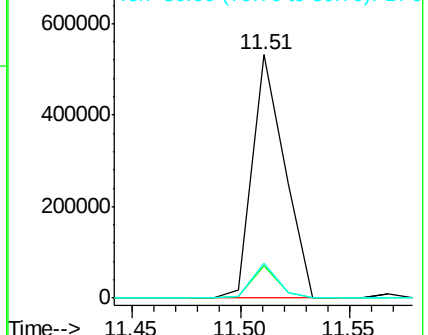
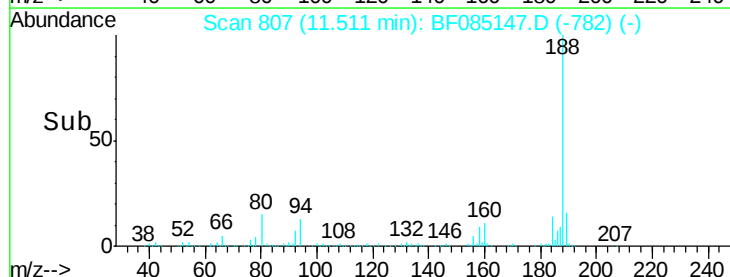
80 14.6 8.2 12.4#

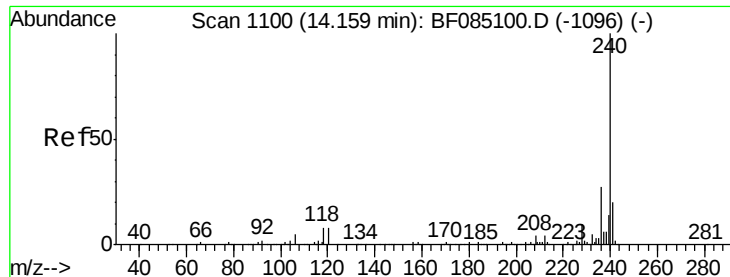


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF085147.D

Acq: 3 Mar 2016 4:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-39-022516

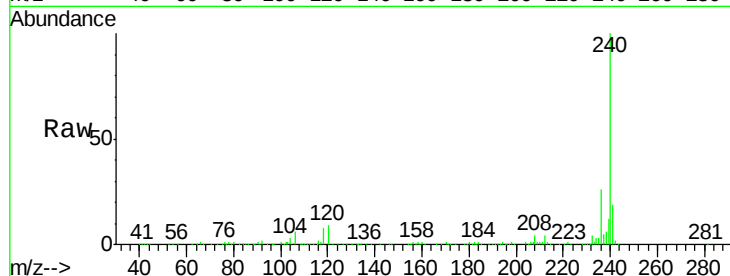
Tgt Ion:240 Resp: 369866

Ion Ratio Lower Upper

240 100

120 8.8 6.7 10.1

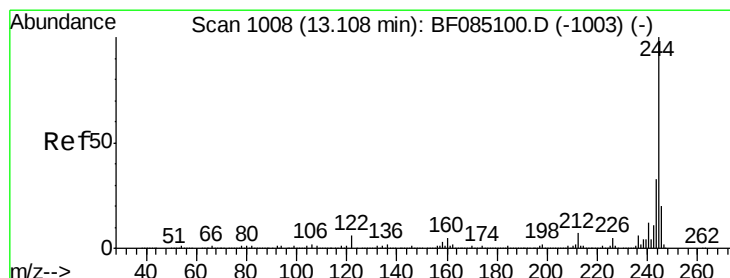
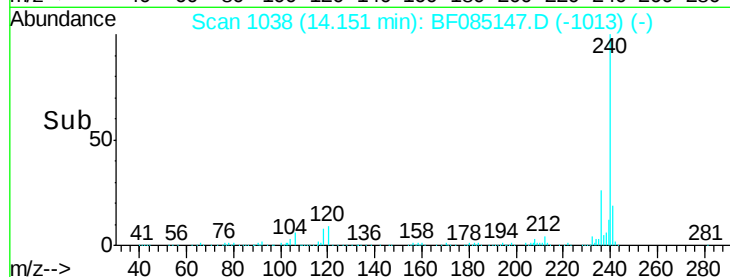
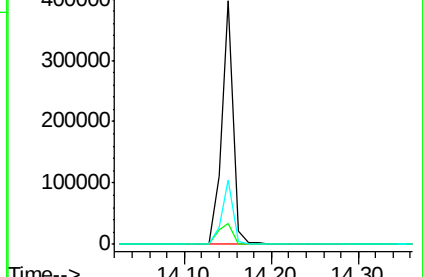
236 26.4 21.6 32.4



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: 101.74 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085147.D

Acq: 3 Mar 2016 4:11

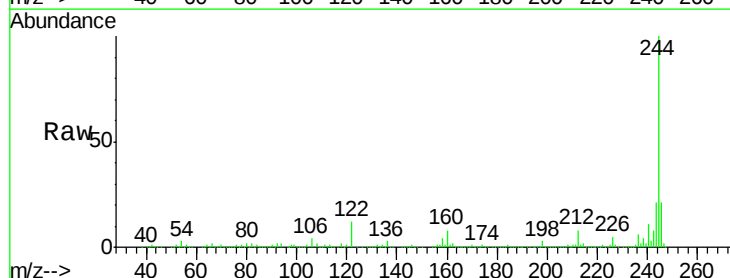
Tgt Ion:244 Resp: 1604191

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

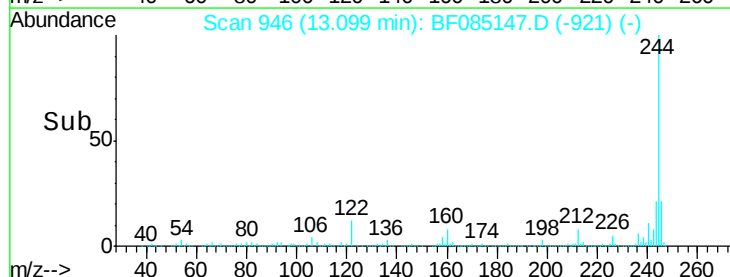
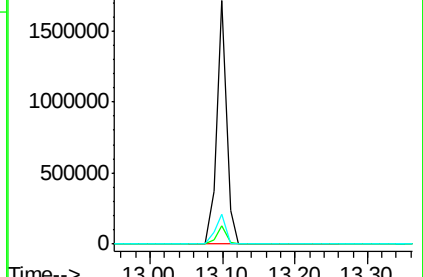
122 12.4 5.1 7.7#

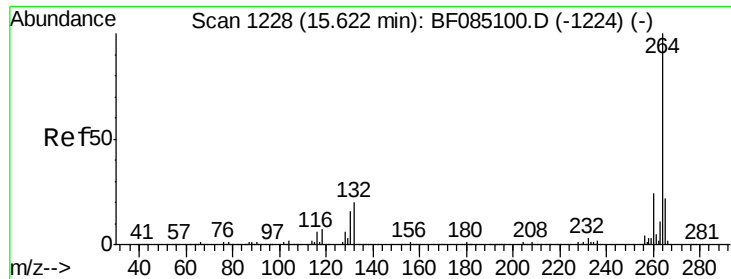


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085147.D
Acq: 3 Mar 2016 4:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-39-022516

Tgt Ion: 264 Resp: 370752
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.6 17.4 26.2

