

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086736.D
 Acq On : 6 May 2016 21:01
 Operator : UM/SJ
 Sample : H2802-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: May 07 03:59:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

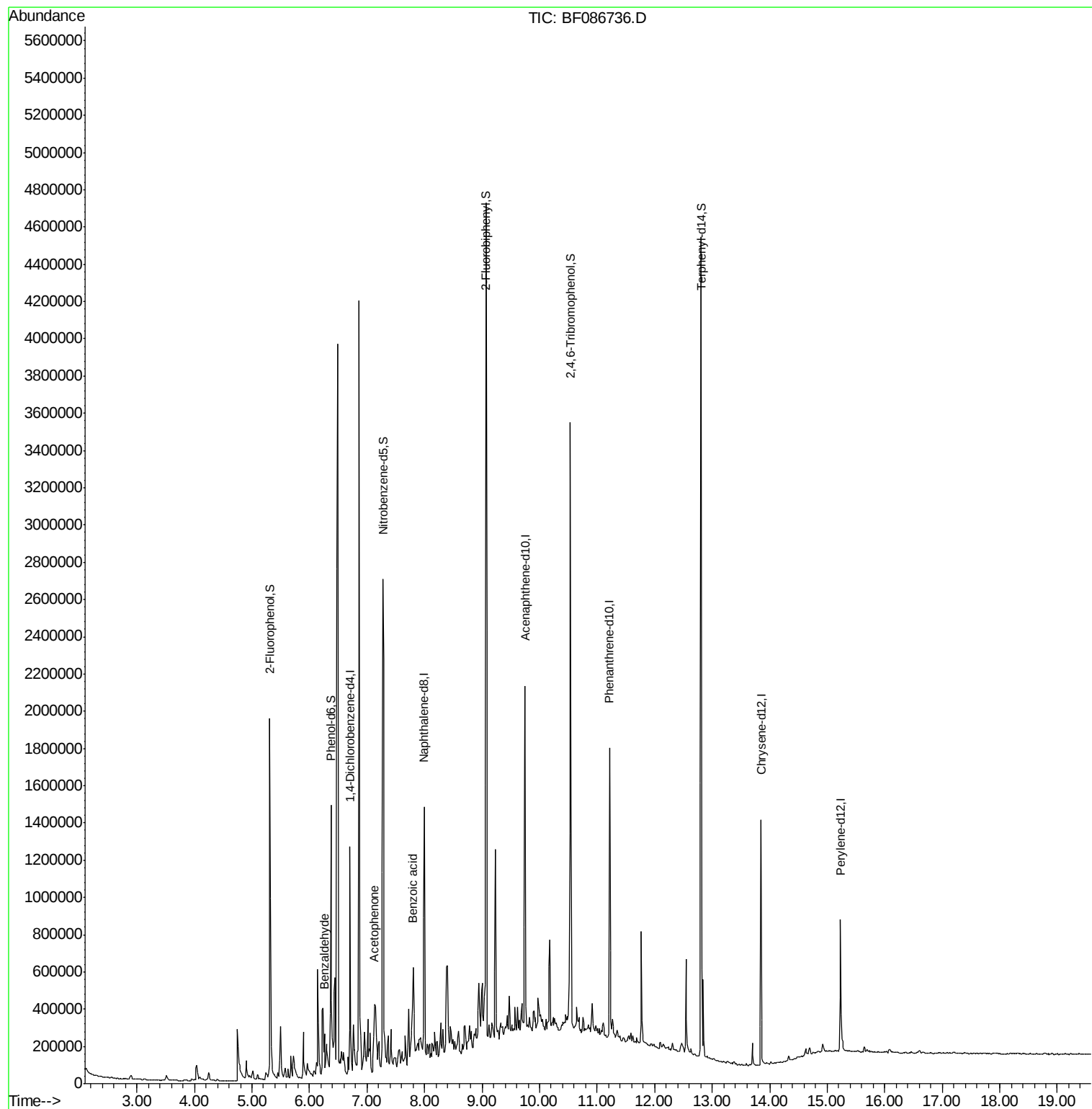
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	168594	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	702960	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	326562	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	540331	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	434848	40.00	ng	-0.01
86) Perylene-d12	15.23	264	323173	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	579832	56.94	ng	-0.01
7) Phenol-d6	6.37	99	465698	33.95	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1233437	90.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	450239	140.94	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1821849	91.45	ng	-0.01
78) Terphenyl-d14	12.81	244	1335382	62.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.26	77	37170	5.43	ng	Qvalue 95
22) Acetophenone	7.13	105	41621	2.54	ng	# 87
32) Benzoic acid	7.80	122	40679	16.18	ng	# 77

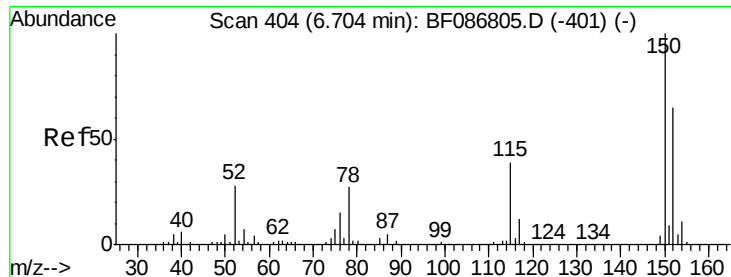
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF086736.D

Acq: 6 May 2016 21:01

Instrument :

BNA_F

ClientSampleId :

DUP

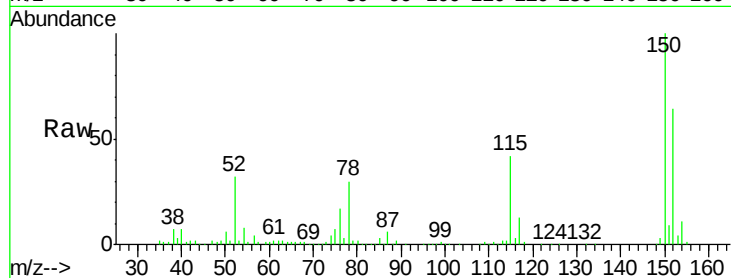
Tgt Ion:152 Resp: 168594

Ion Ratio Lower Upper

152 100

150 155.6 125.8 188.6

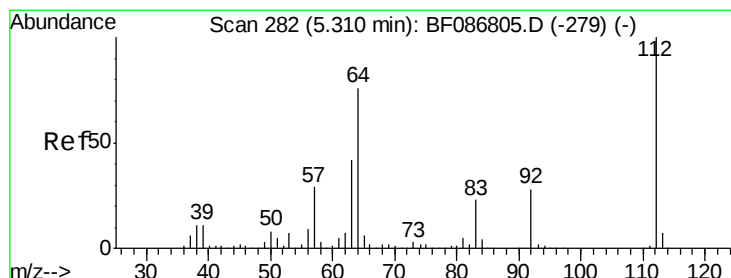
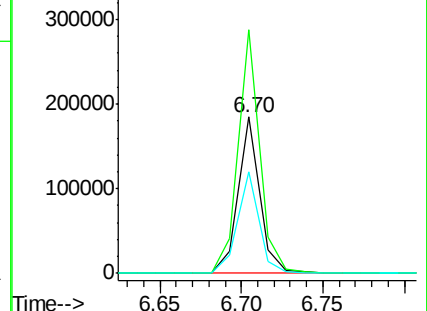
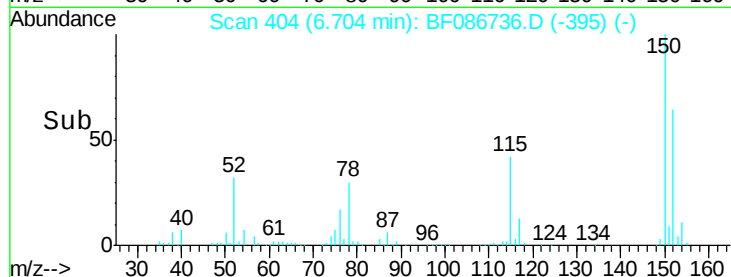
115 64.8 51.5 77.3



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: 56.94 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086736.D

Acq: 6 May 2016 21:01

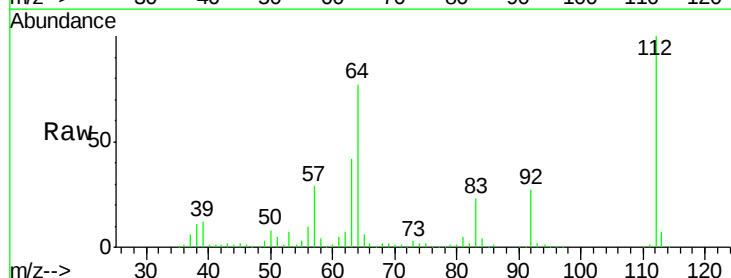
Tgt Ion:112 Resp: 579832

Ion Ratio Lower Upper

112 100

64 77.2 52.1 78.1

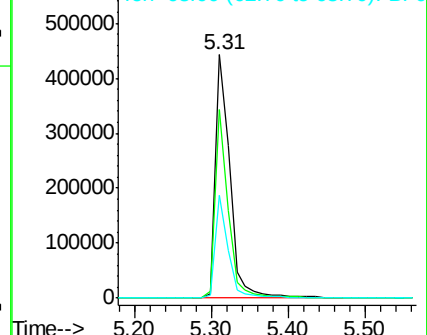
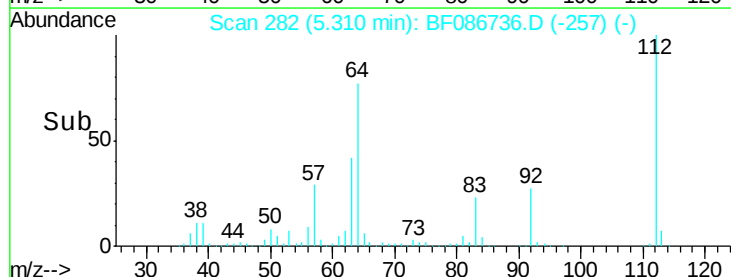
63 42.3 25.7 38.5#

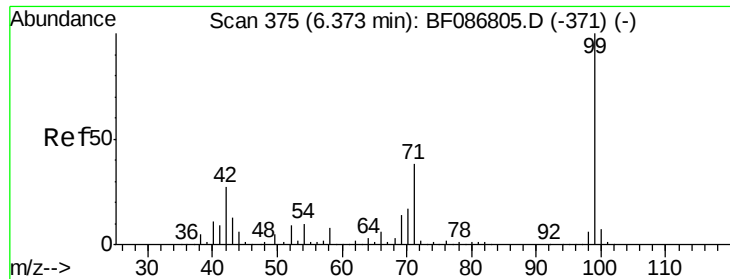


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.95 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086736.D

Acq: 6 May 2016 21:01

Instrument :

BNA_F

ClientSampleId :

DUP

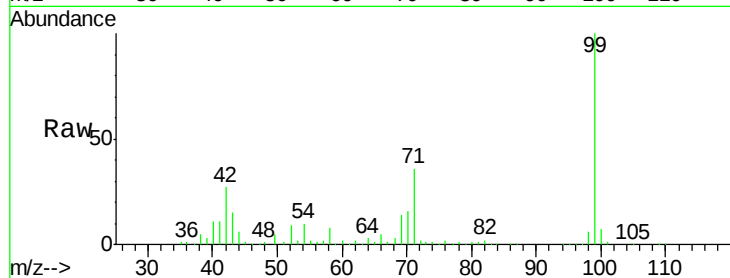
Tgt Ion: 99 Resp: 465698

Ion Ratio Lower Upper

99 100

42 27.3 13.6 20.4#

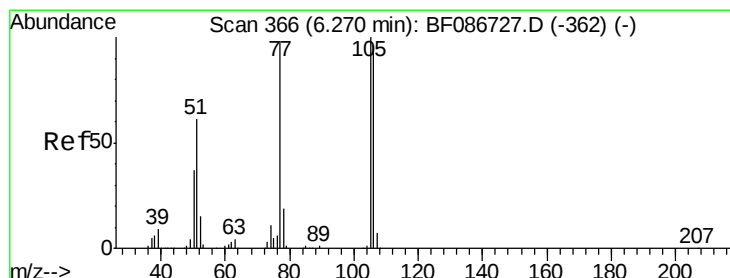
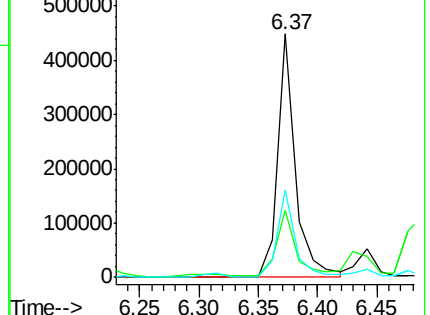
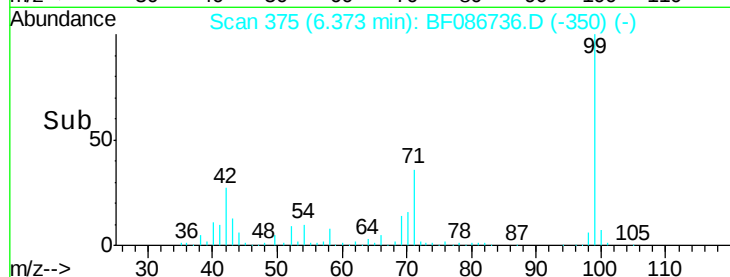
71 36.1 24.6 36.8



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



#9

Benzaldehyde

Concen: 5.43 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF086736.D

Acq: 6 May 2016 21:01

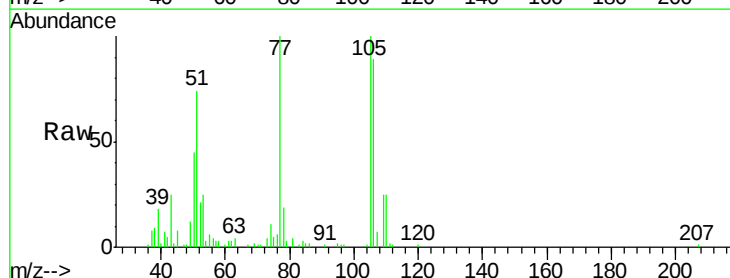
Tgt Ion: 77 Resp: 37170

Ion Ratio Lower Upper

77 100

105 99.8 72.7 112.7

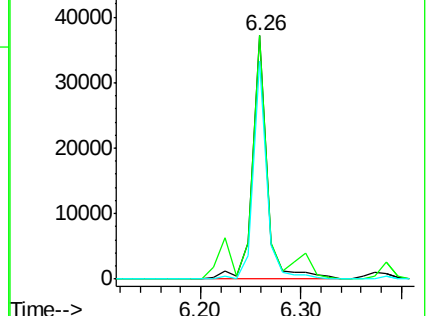
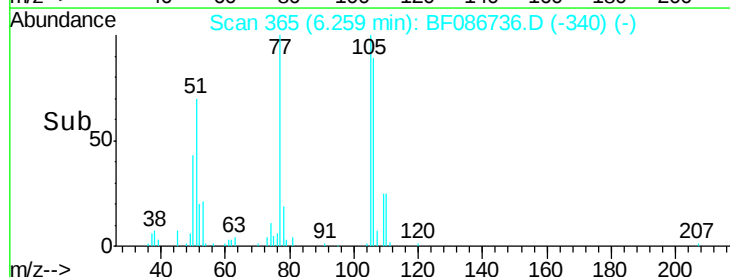
106 89.3 70.8 110.8

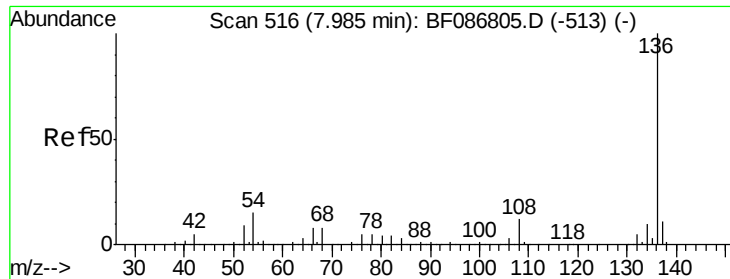


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

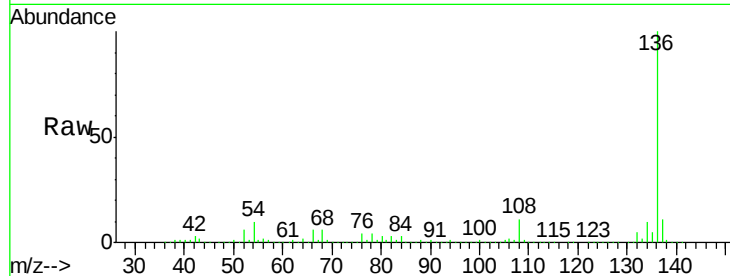




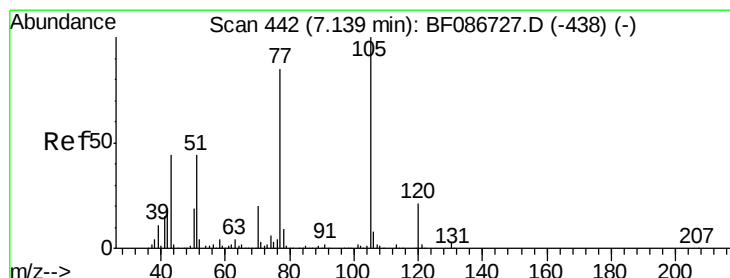
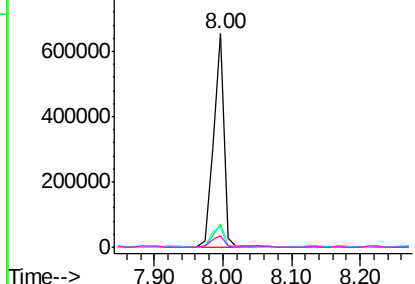
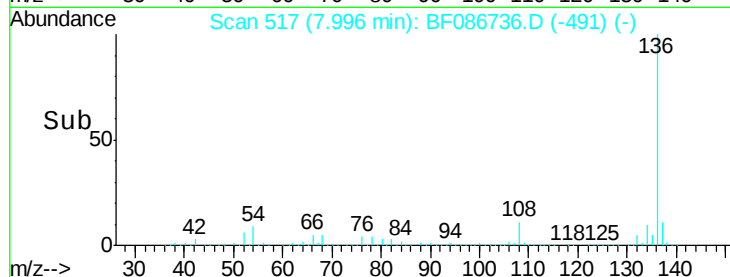
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Instrument :
BNA_F
ClientSampleID :
DUP

Tgt Ion:	136	Resp:	702960
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.5	5.0	7.4#
68	5.6	4.4	6.6

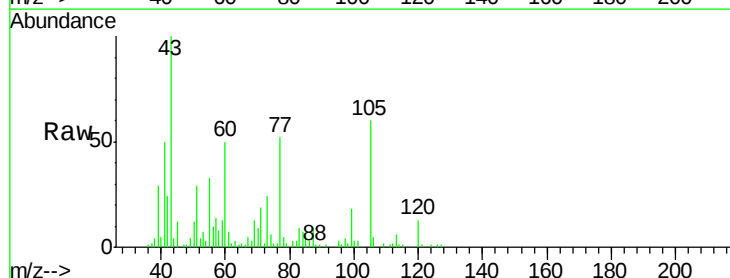


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

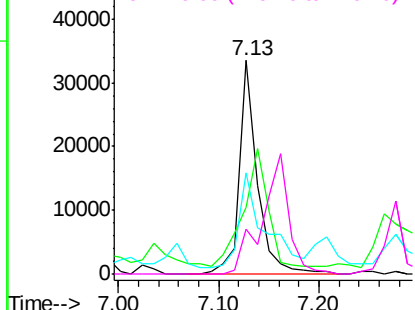
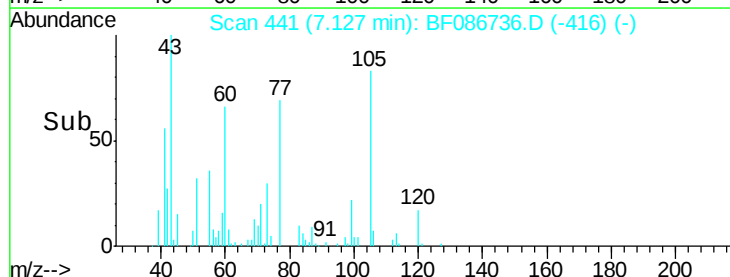


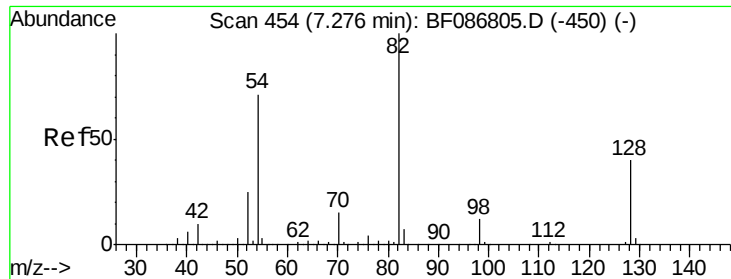
#22
Acetophenone
Concen: 2.54 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Tgt Ion:	105	Resp:	41621
Ion	Ratio	Lower	Upper
105	100		
71	31.1	4.8	7.2#
51	47.6	32.6	49.0
120	20.7	16.5	24.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

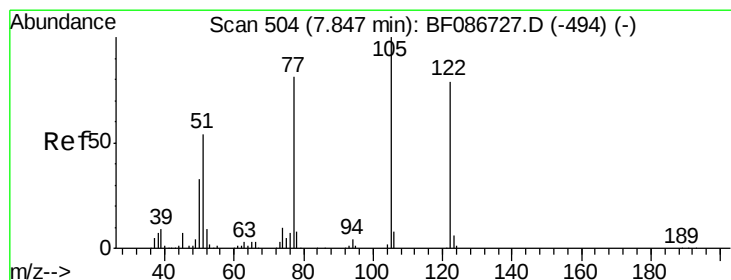
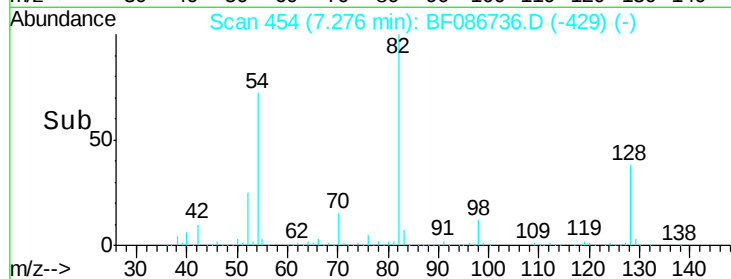
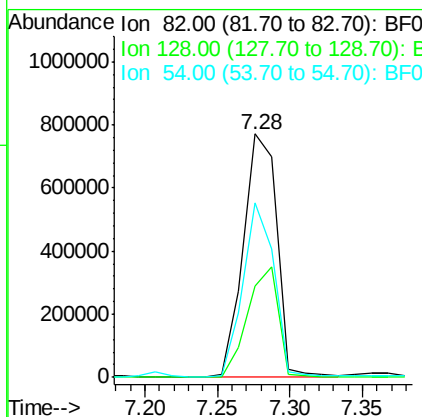
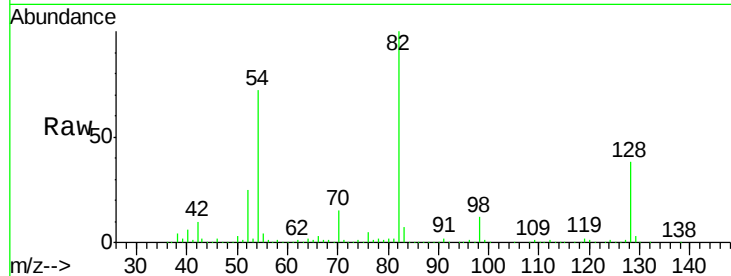




#23
 Nitrobenzene-d5
 Concen: 90.17 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086736.D
 Acq: 6 May 2016 21:01

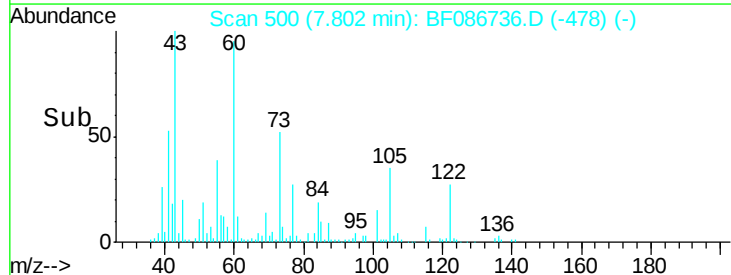
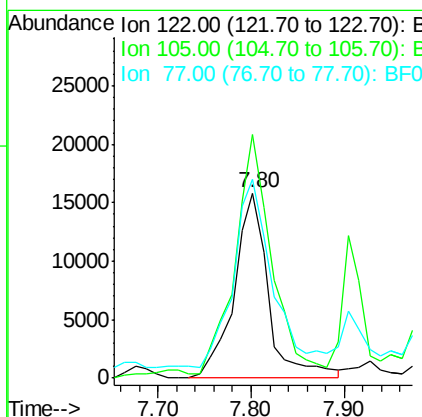
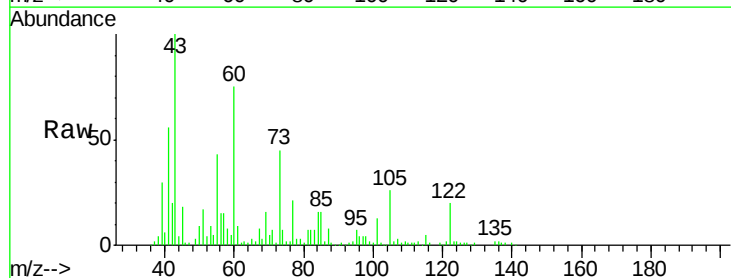
Instrument :
 BNA_F
 ClientSampleId :
 DUP

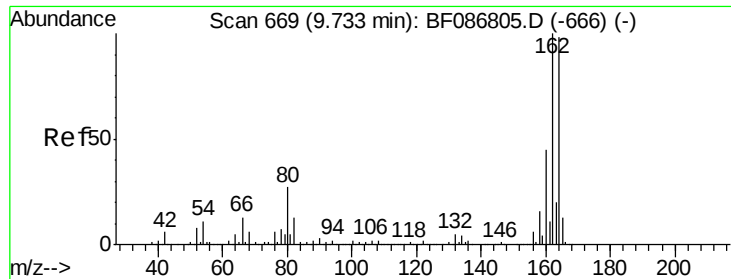
Tgt Ion: 82 Resp: 1233437
 Ion Ratio Lower Upper
 82 100
 128 37.7 40.6 61.0#
 54 71.8 38.1 57.1#



#32
 Benzoic acid
 Concen: 16.18 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.05 min
 Lab File: BF086736.D
 Acq: 6 May 2016 21:01

Tgt Ion: 122 Resp: 40679
 Ion Ratio Lower Upper
 122 100
 105 131.6 92.6 132.6
 77 107.7 60.0 100.0#

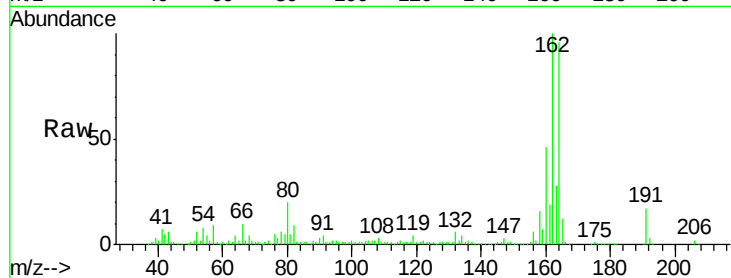




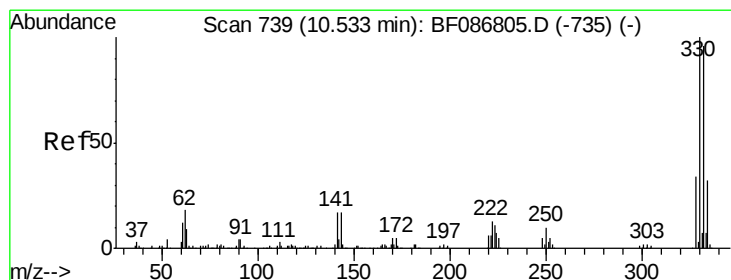
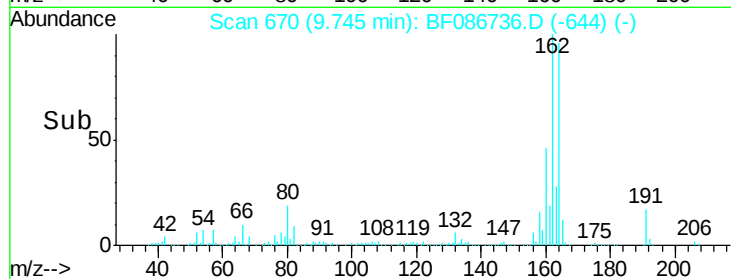
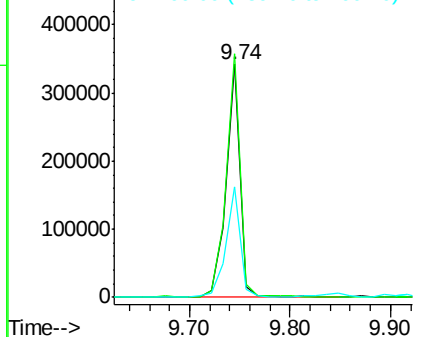
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion:164 Resp: 326562
Ion Ratio Lower Upper
164 100
162 104.4 82.8 124.2
160 47.6 36.9 55.3

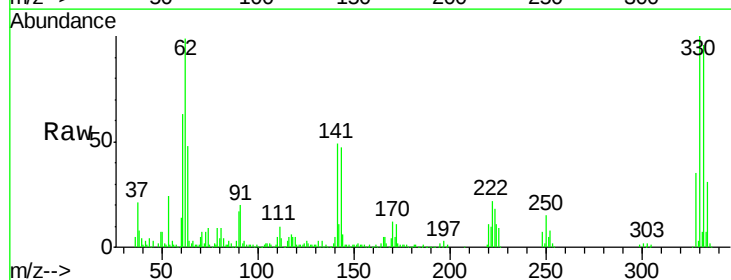


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

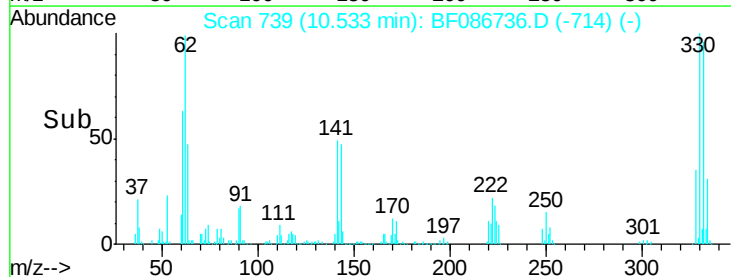
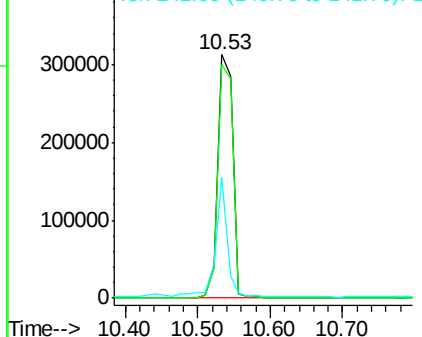


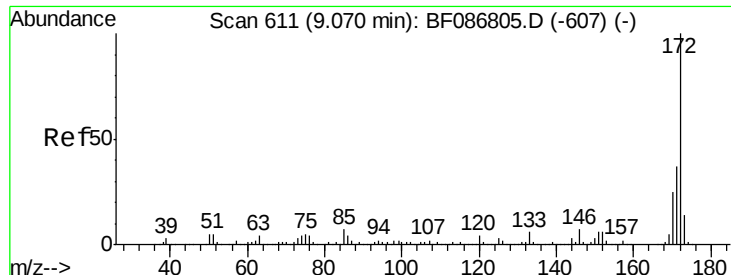
#41
2,4,6-Tribromophenol
Concen: 140.94 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Tgt Ion:330 Resp: 450239
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 38.3 31.2 46.8



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

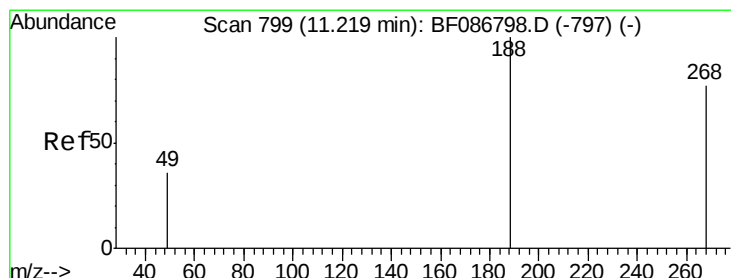
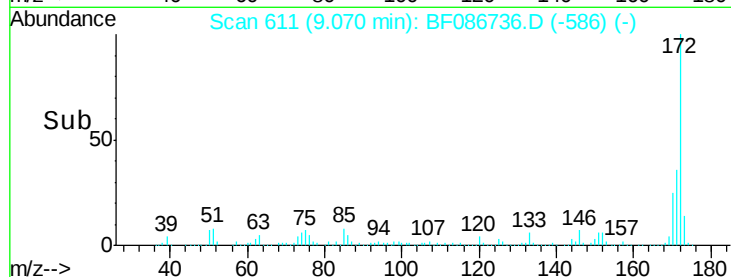
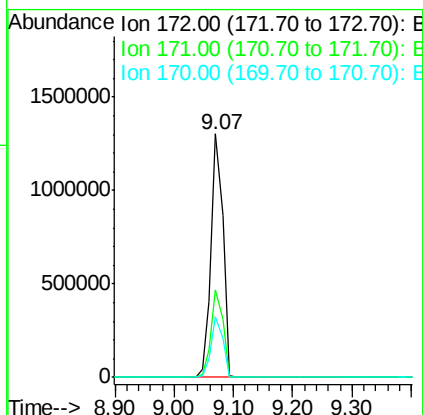
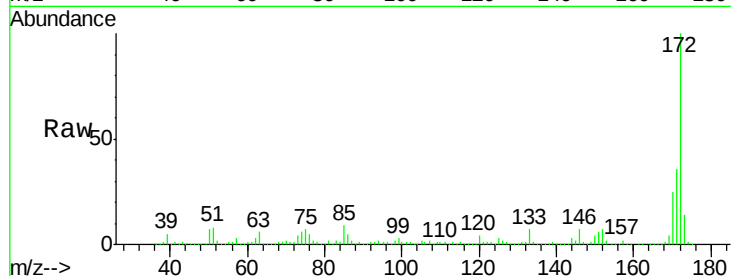




#44
 2-Fluorobiphenyl
 Concen: 91.45 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086736.D
 Acq: 6 May 2016 21:01

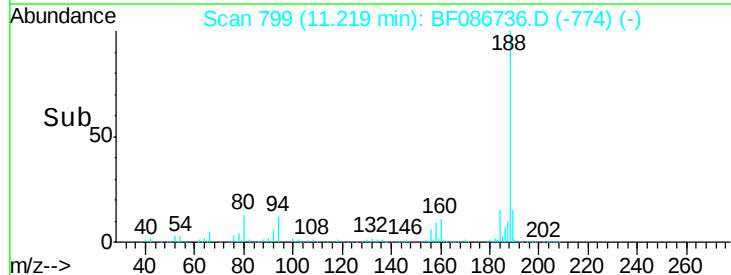
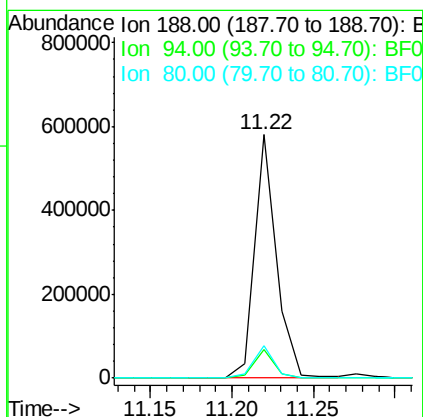
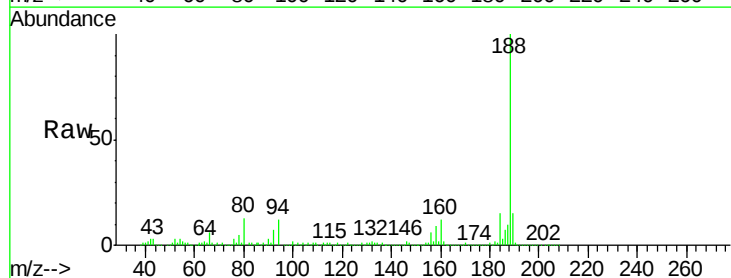
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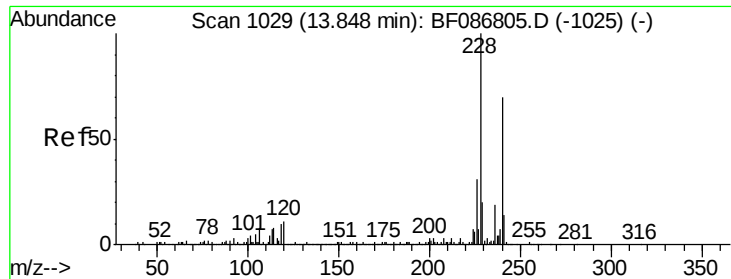
Tgt Ion:172 Resp: 1821849
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.8 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF086736.D
 Acq: 6 May 2016 21:01

Tgt Ion:188 Resp: 540331
 Ion Ratio Lower Upper
 188 100
 94 11.8 6.8 10.2#
 80 13.1 7.1 10.7#





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF086736.D

Acq: 6 May 2016 21:01

Instrument :

BNA_F

ClientSampleId :

DUP

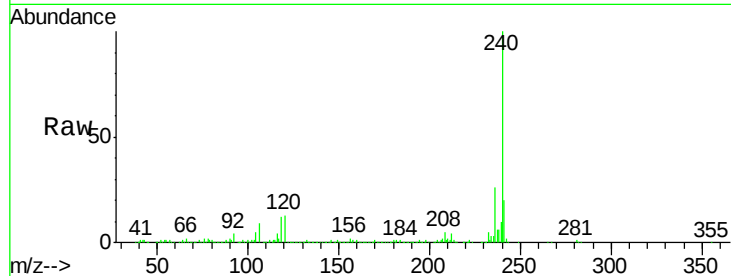
Tgt Ion:240 Resp: 434848

Ion Ratio Lower Upper

240 100

120 13.1 11.2 16.8

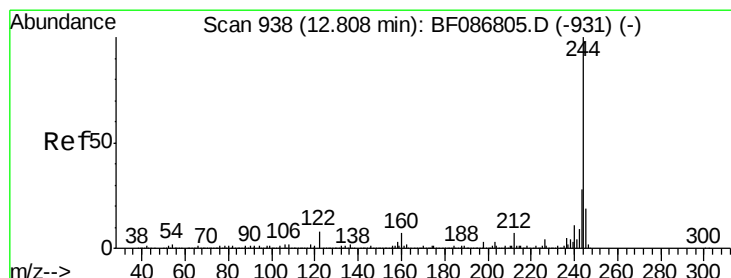
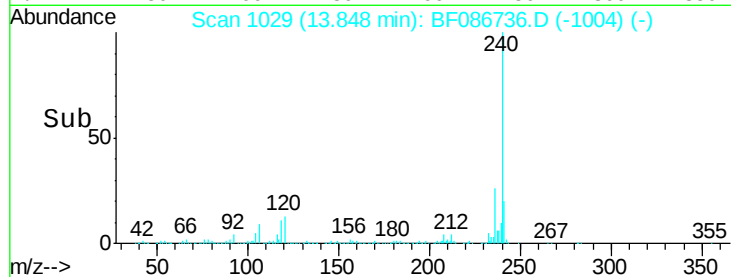
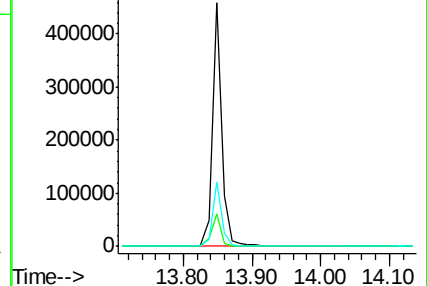
236 26.2 21.2 31.8



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: 62.06 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086736.D

Acq: 6 May 2016 21:01

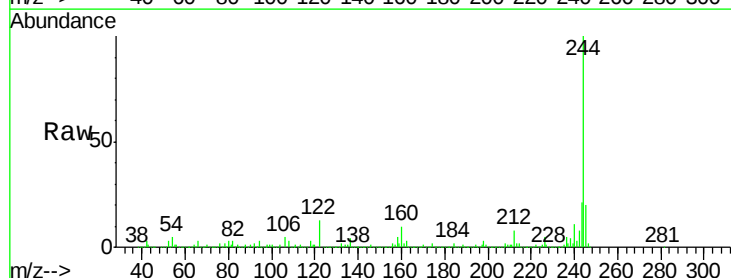
Tgt Ion:244 Resp: 1335382

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

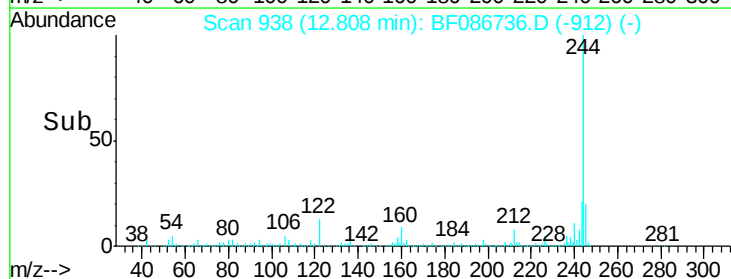
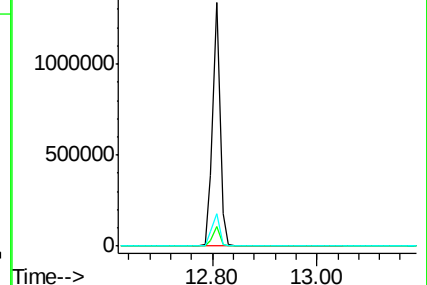
122 13.1 12.0 18.0

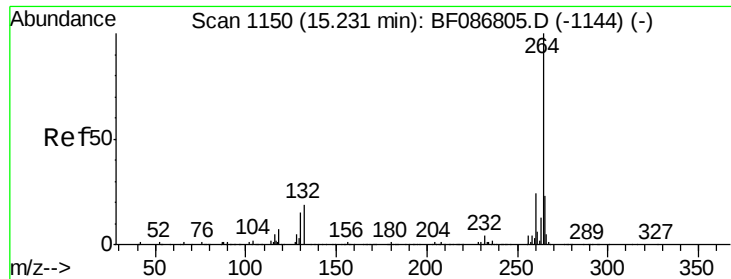


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

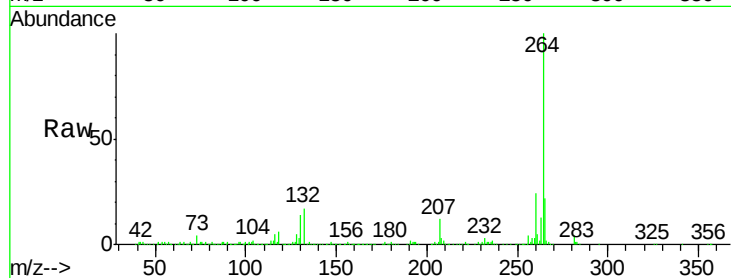




#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion: 264 Resp: 323173
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.6 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

