

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086734.D
 Acq On : 6 May 2016 20:04
 Operator : UM/SJ
 Sample : H2802-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: May 07 03:54:32 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

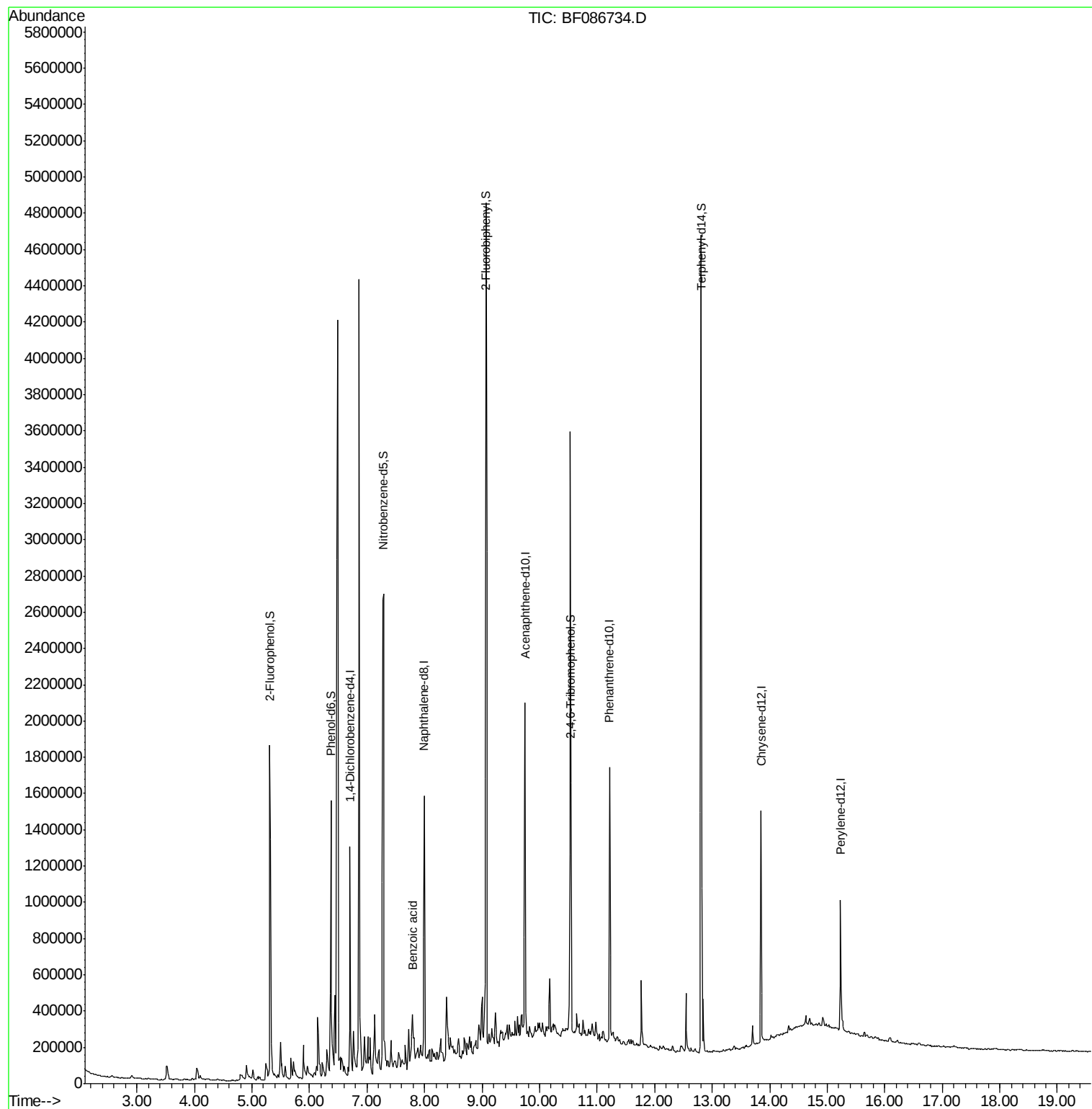
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	176633	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	740764	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	341229	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	539397	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	423628	40.00	ng	-0.01
86) Perylene-d12	15.23	264	321072	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	632299	59.26	ng	-0.01
7) Phenol-d6	6.37	99	502794	34.98	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1351191	93.73	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	495250	148.37	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2037667	97.89	ng	-0.01
78) Terphenyl-d14	12.81	244	1437402	68.57	ng	0.00
Target Compounds						
32) Benzoic acid	7.79	122	30310	13.90	ng	Qvalue # 81

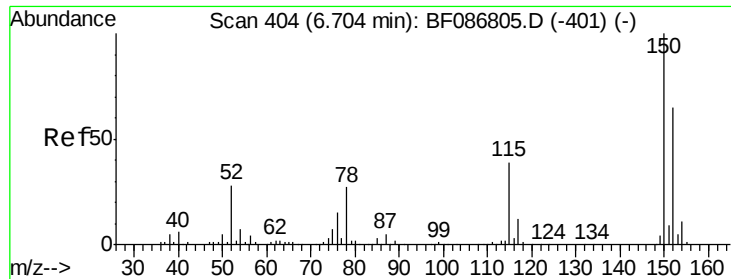
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086734.D
Acq On : 6 May 2016 20:04
Operator : UM/SJ
Sample : H2802-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Time: May 07 03:54:32 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





#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF086734.D

Acq: 6 May 2016 20:04

Instrument :

BNA_F

ClientSampleId :

MW-3

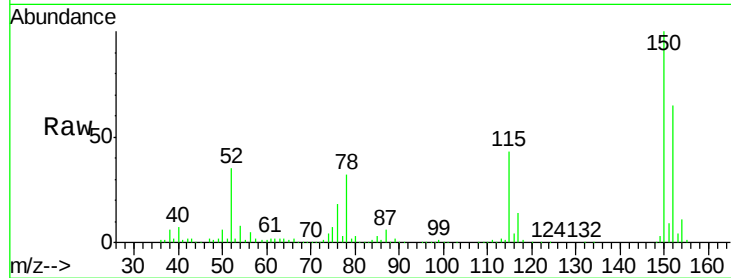
Tgt Ion:152 Resp: 176633

Ion Ratio Lower Upper

152 100

150 153.8 125.8 188.6

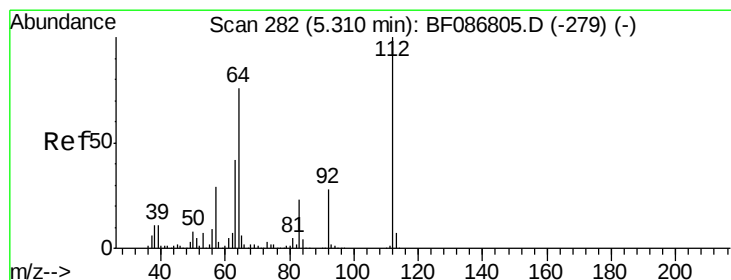
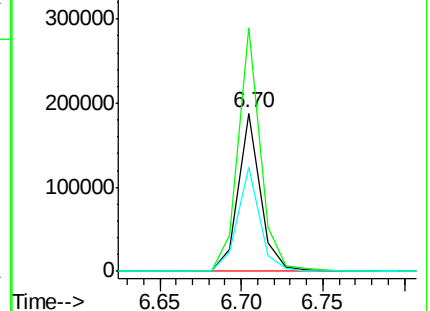
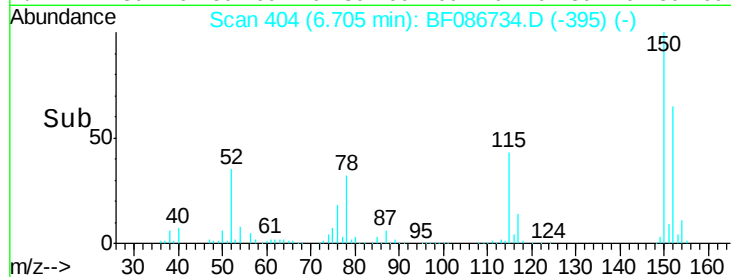
115 66.1 51.5 77.3



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: 59.26 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086734.D

Acq: 6 May 2016 20:04

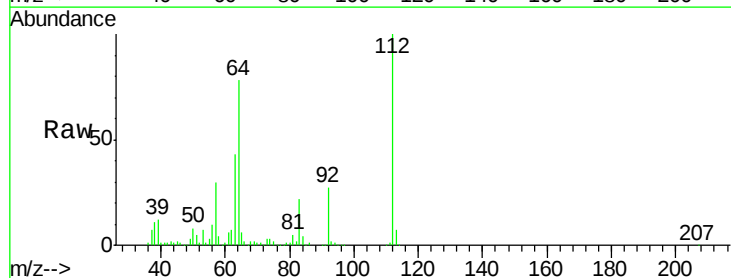
Tgt Ion:112 Resp: 632299

Ion Ratio Lower Upper

112 100

64 78.1 52.1 78.1

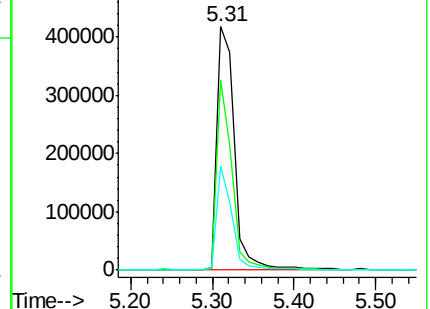
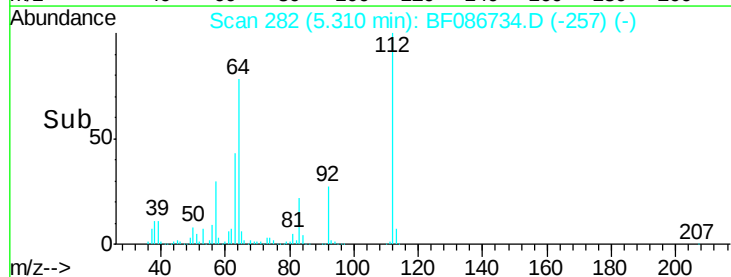
63 42.7 25.7 38.5#

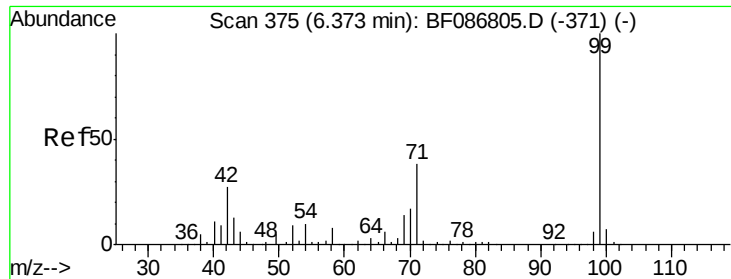


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.98 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086734.D

Acq: 6 May 2016 20:04

Instrument :

BNA_F

ClientSampleId :

MW-3

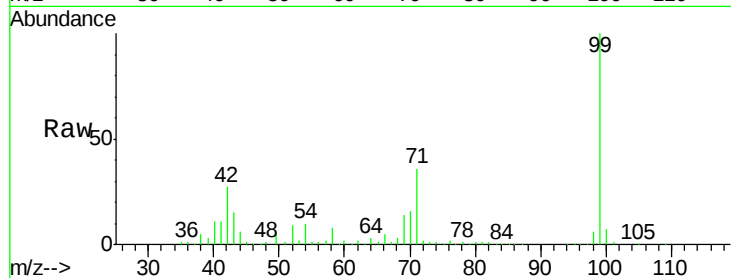
Tgt Ion: 99 Resp: 502794

Ion Ratio Lower Upper

99 100

42 27.1 13.6 20.4#

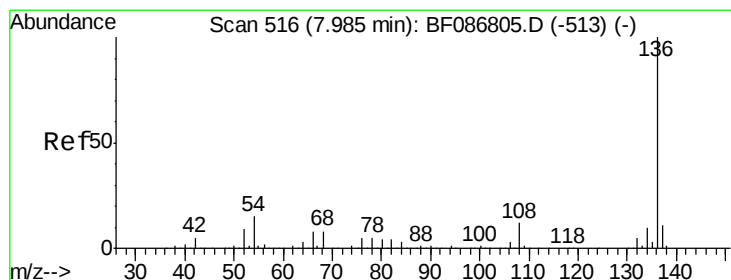
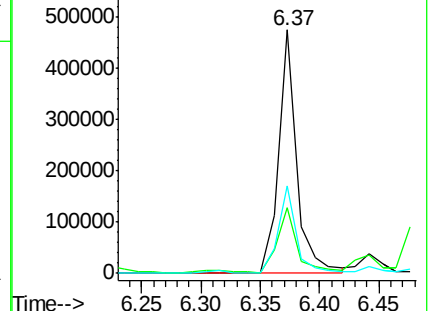
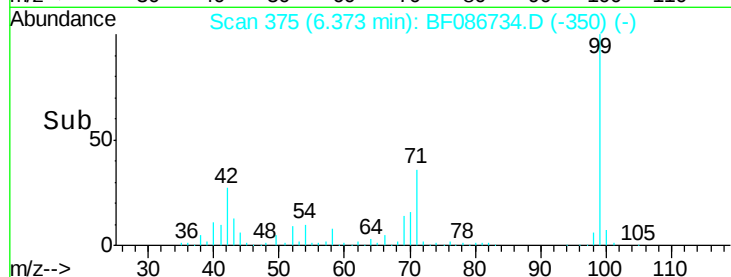
71 35.9 24.6 36.8



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



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF086734.D

Acq: 6 May 2016 20:04

Tgt Ion: 136 Resp: 740764

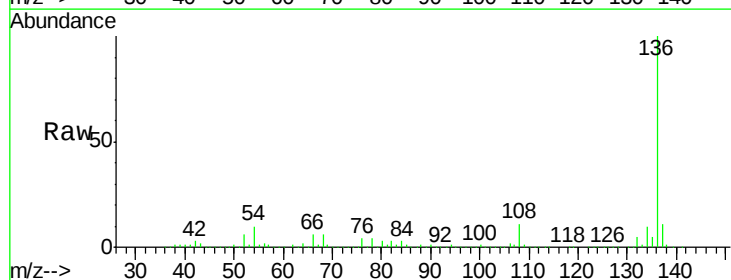
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.8 5.0 7.4#

68 5.5 4.4 6.6

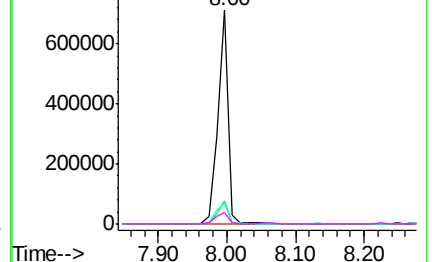
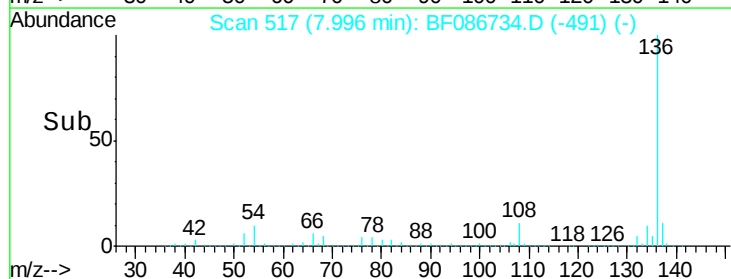


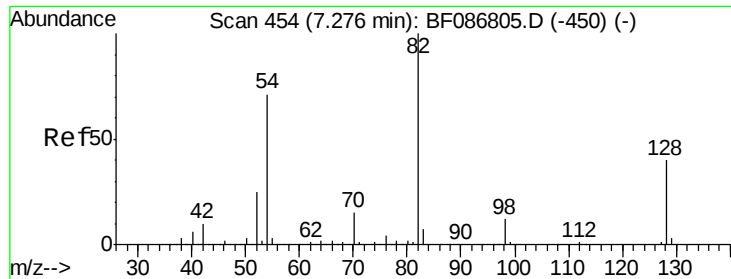
Abundance Ion 136.00 (135.70 to 136.70): E

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

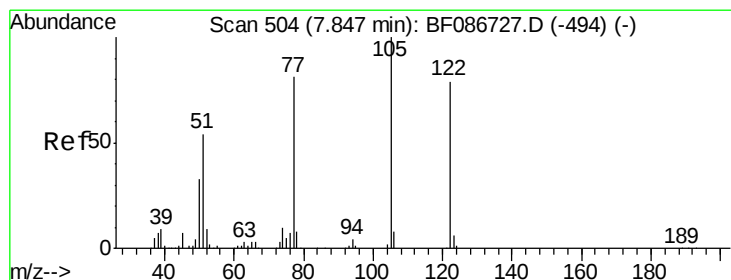
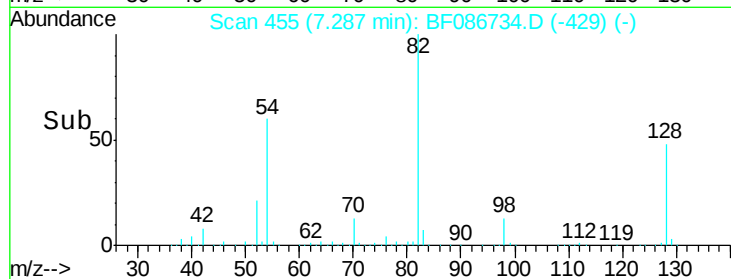
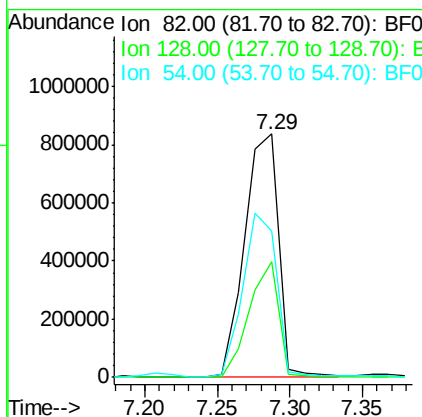
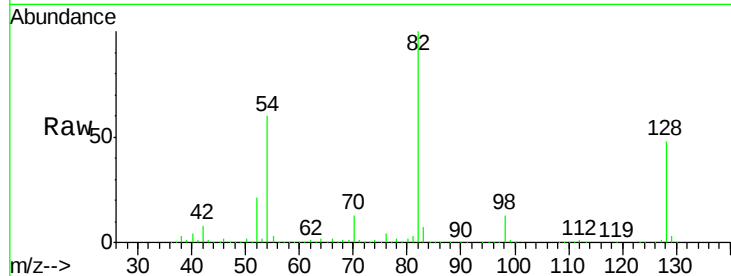




#23
 Nitrobenzene-d5
 Concen: 93.73 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF086734.D
 Acq: 6 May 2016 20:04

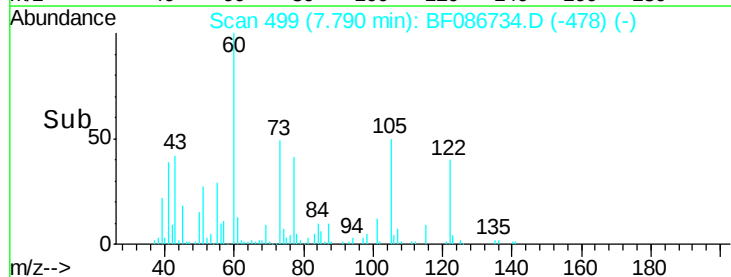
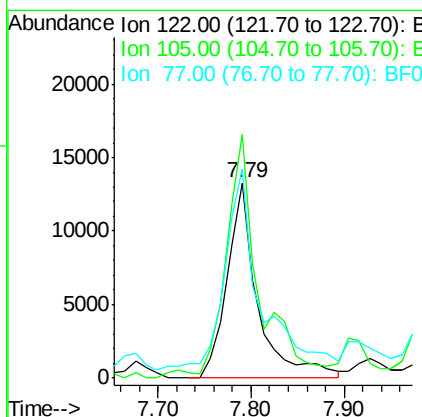
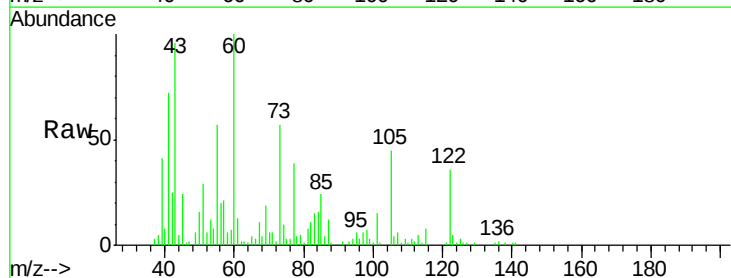
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

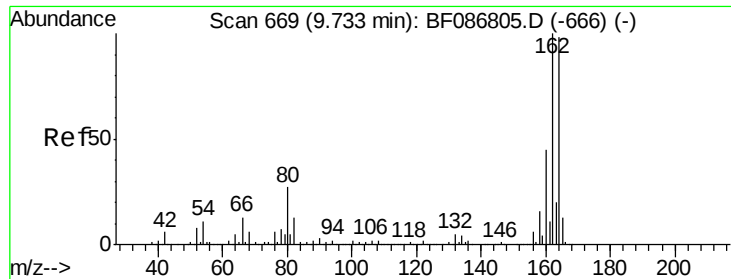
Tgt Ion: 82 Resp: 1351191
 Ion Ratio Lower Upper
 82 100
 128 47.6 40.6 61.0
 54 60.3 38.1 57.1#



#32
 Benzoic acid
 Concen: 13.90 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF086734.D
 Acq: 6 May 2016 20:04

Tgt Ion: 122 Resp: 30310
 Ion Ratio Lower Upper
 122 100
 105 124.6 92.6 132.6
 77 106.7 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: BF086734.D

Acq: 6 May 2016 20:04

Instrument :

BNA_F

ClientSampleId :

MW-3

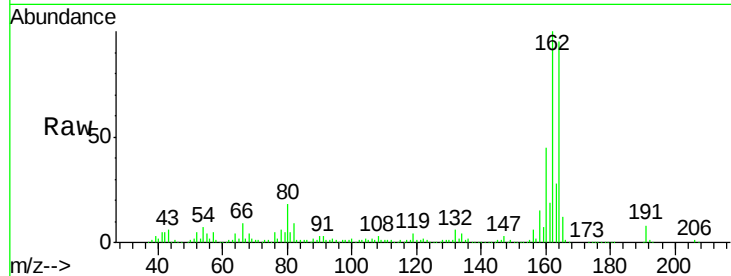
Tgt Ion:164 Resp: 341229

Ion Ratio Lower Upper

164 100

162 104.8 82.8 124.2

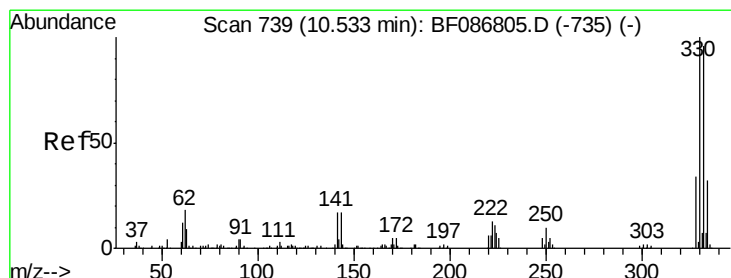
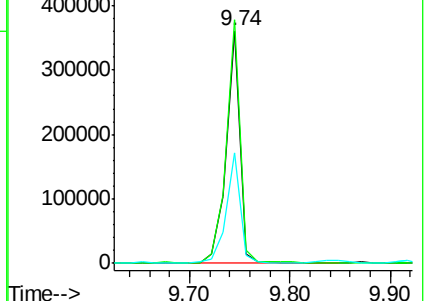
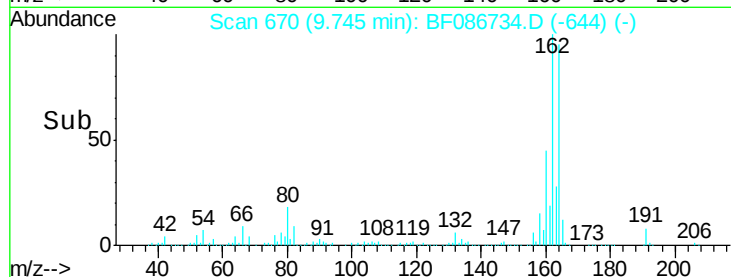
160 47.7 36.9 55.3



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: 148.37 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086734.D

Acq: 6 May 2016 20:04

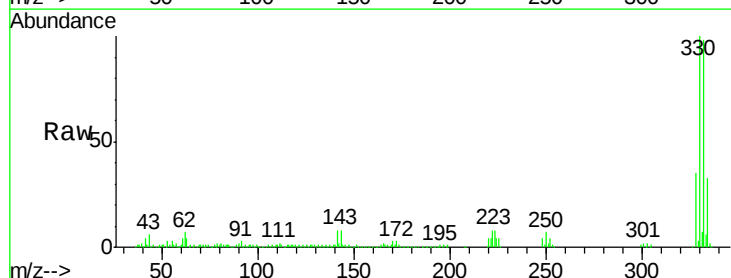
Tgt Ion:330 Resp: 495250

Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

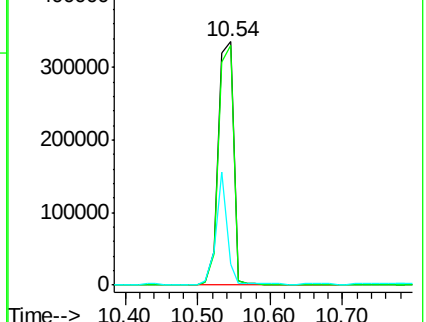
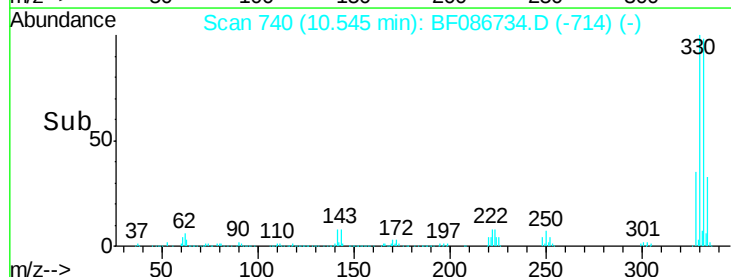
141 32.6 31.2 46.8

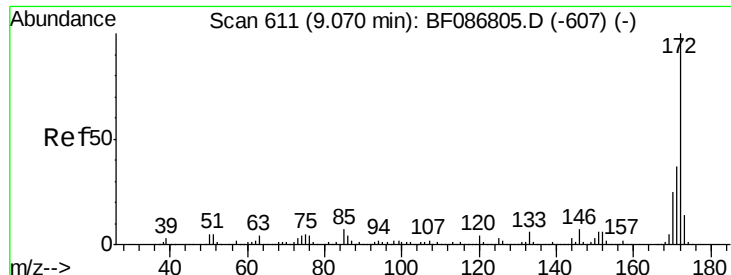


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

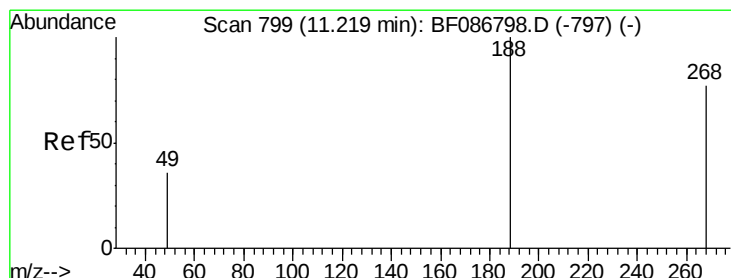
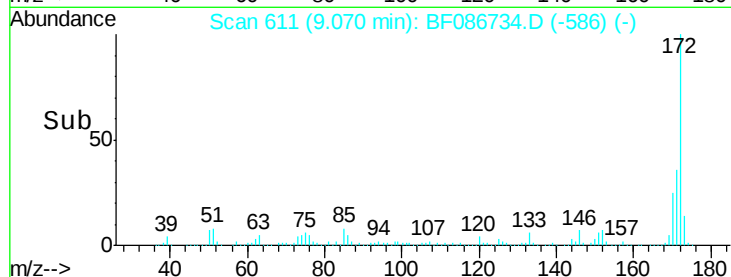
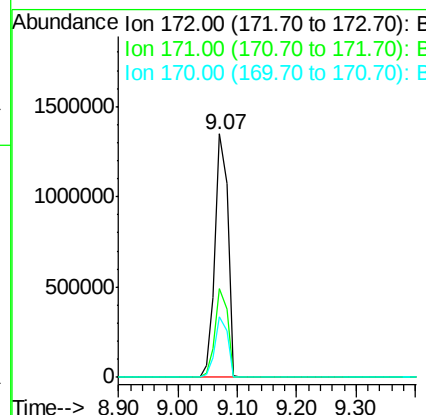
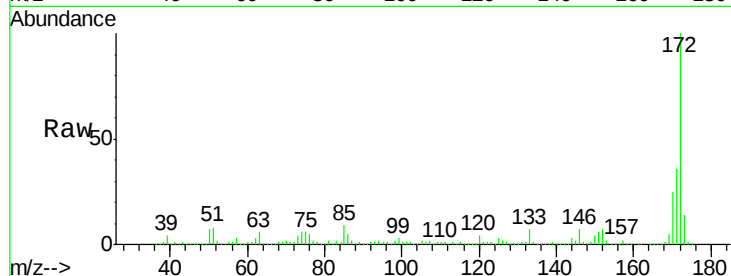




#44
 2-Fluorobiphenyl
 Concen: 97.89 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086734.D
 Acq: 6 May 2016 20:04

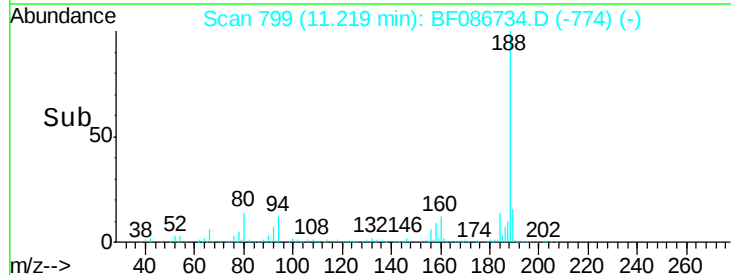
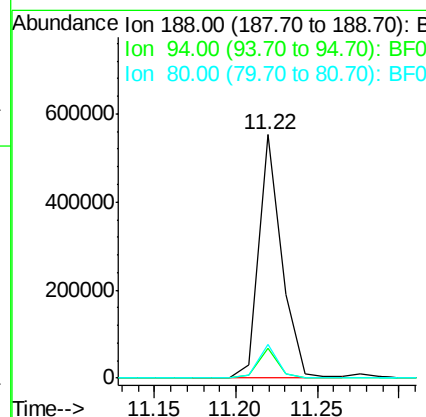
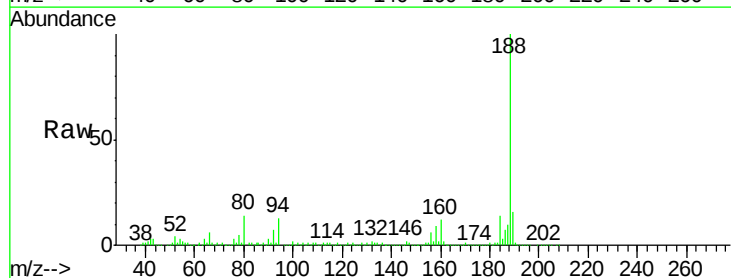
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

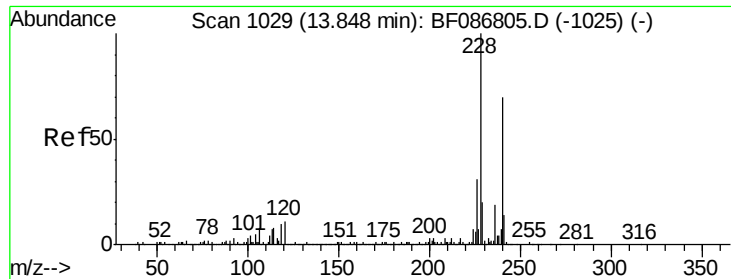
Tgt Ion:172 Resp: 2037667
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.8 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF086734.D
 Acq: 6 May 2016 20:04

Tgt Ion:188 Resp: 539397
 Ion Ratio Lower Upper
 188 100
 94 12.5 6.8 10.2#
 80 14.0 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: BF086734.D

Acq: 6 May 2016 20:04

Instrument :

BNA_F

ClientSampleId :

MW-3

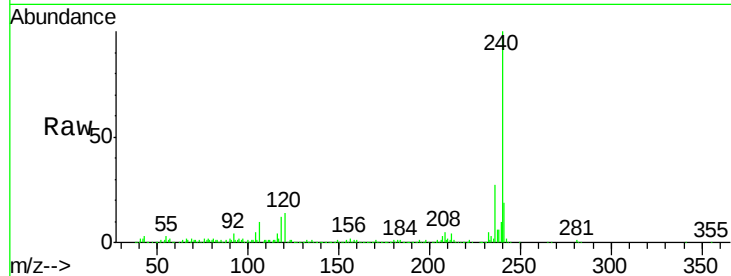
Tgt Ion:240 Resp: 423628

Ion Ratio Lower Upper

240 100

120 13.8 11.2 16.8

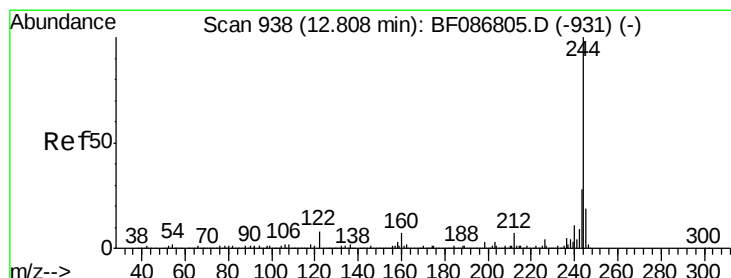
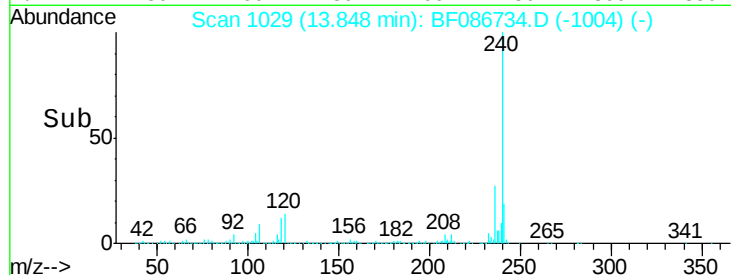
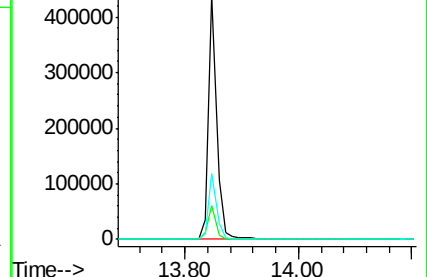
236 26.9 21.2 31.8



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: 68.57 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086734.D

Acq: 6 May 2016 20:04

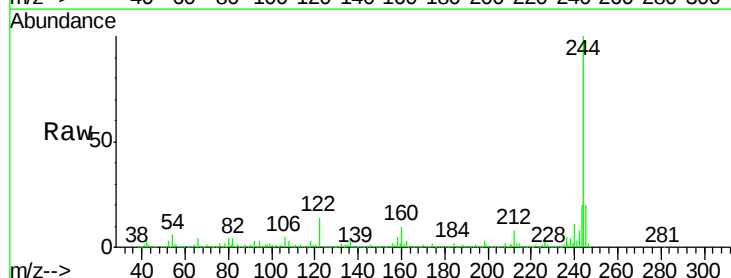
Tgt Ion:244 Resp: 1437402

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

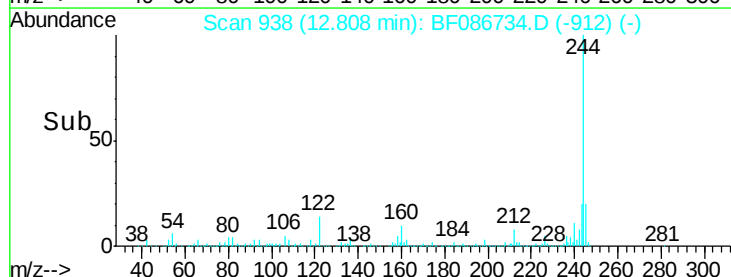
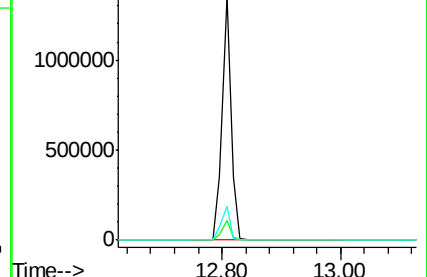
122 14.0 12.0 18.0

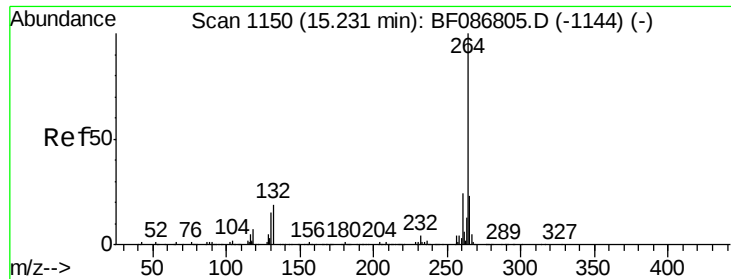


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

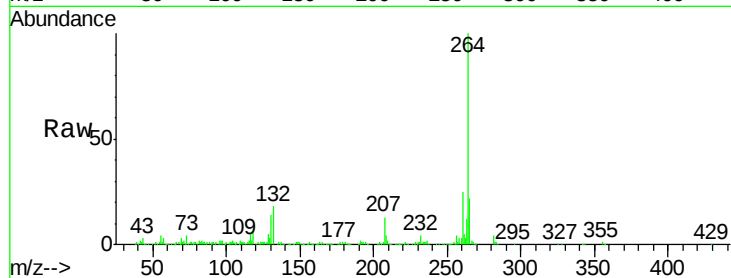




#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF086734.D
Acq: 6 May 2016 20:04

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.0	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

