

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086740.D
 Acq On : 6 May 2016 22:57
 Operator : UM/SJ
 Sample : H2770-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRW2

Quant Time: May 07 04:09:24 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	151109	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	622146	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	291172	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	477595	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	407786	40.00	ng	-0.01
86) Perylene-d12	15.23	264	287577	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	554416	60.74	ng	-0.01
7) Phenol-d6	6.36	99	464625	37.79	ng	-0.02
23) Nitrobenzene-d5	7.28	82	990551	81.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	366634	128.72	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1544463	86.95	ng	-0.01
78) Terphenyl-d14	12.81	244	1353338	67.07	ng	0.00

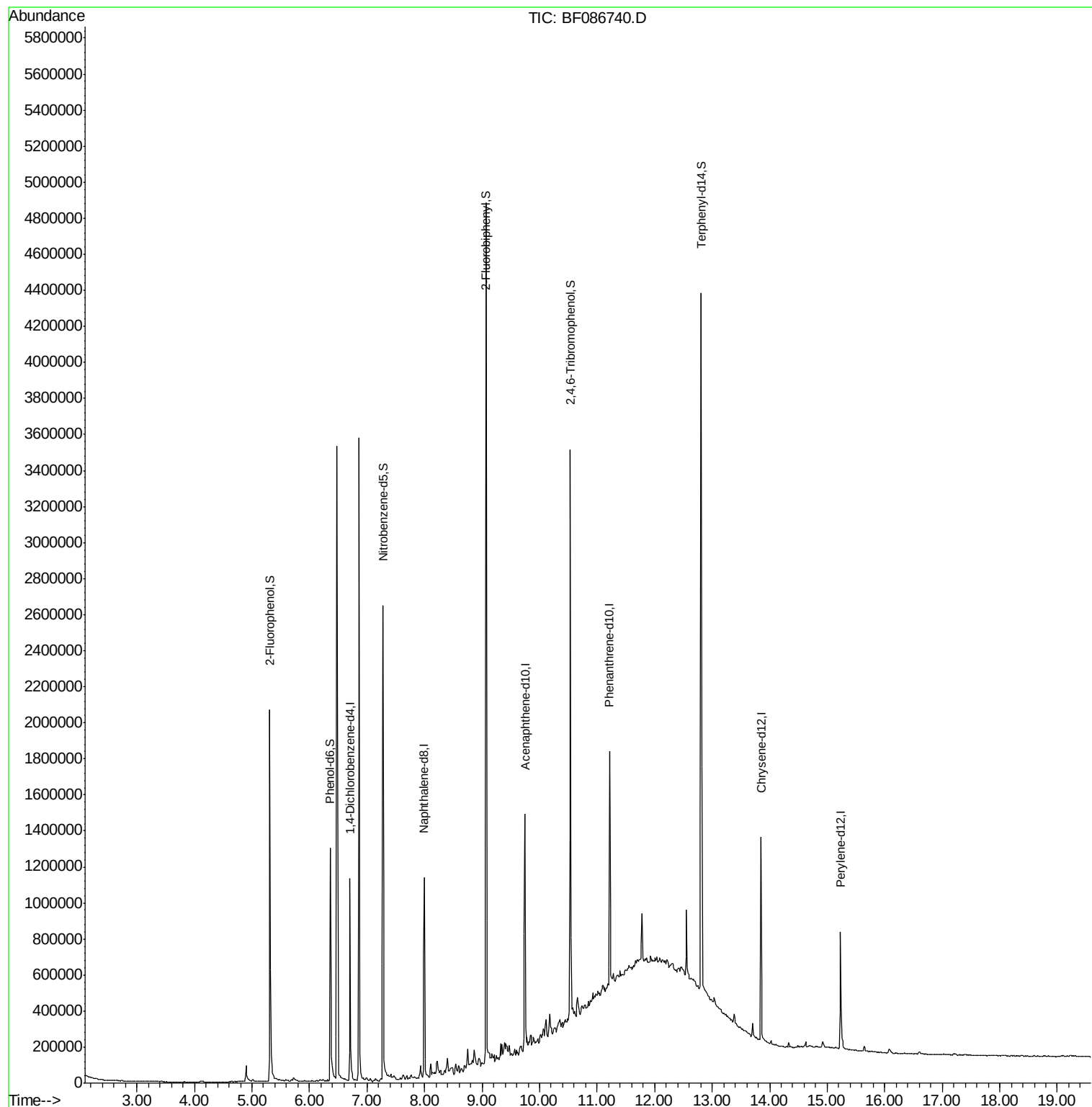
Target Compounds	Qvalue
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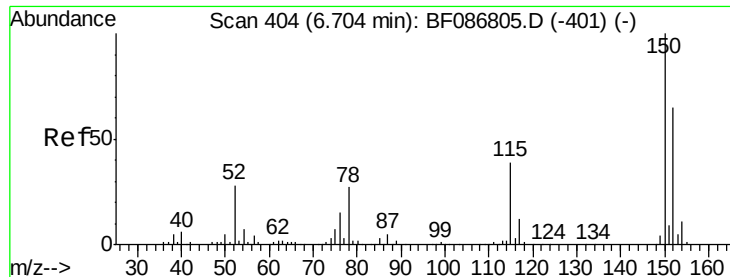
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086740.D

Acq: 6 May 2016 22:57

Instrument :

BNA_F

ClientSampleId :

DRW2

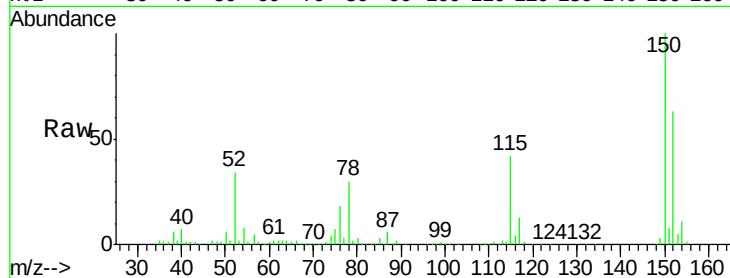
Tgt Ion:152 Resp: 151109

Ion Ratio Lower Upper

152 100

150 158.5 125.8 188.6

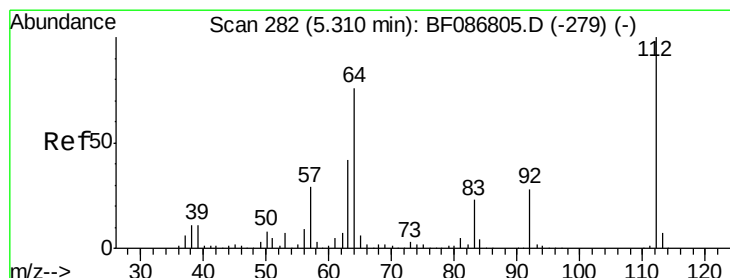
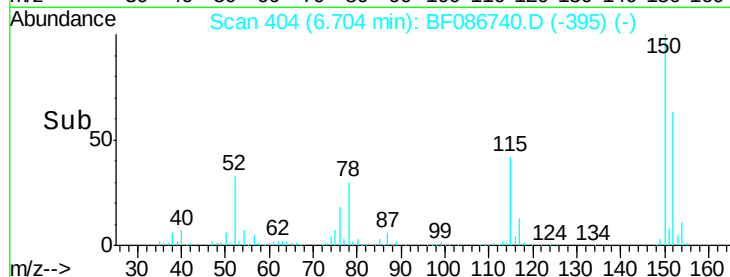
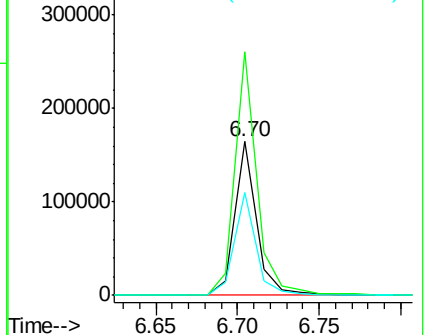
115 66.5 51.5 77.3



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: 60.74 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086740.D

Acq: 6 May 2016 22:57

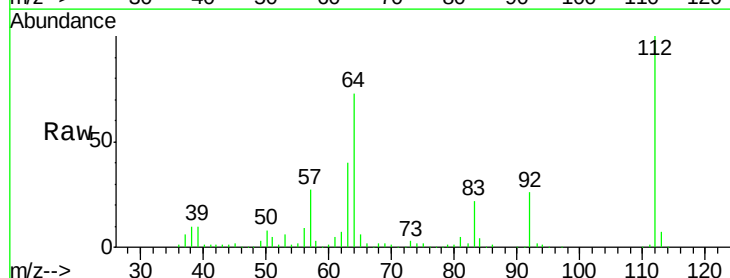
Tgt Ion:112 Resp: 554416

Ion Ratio Lower Upper

112 100

64 73.1 52.1 78.1

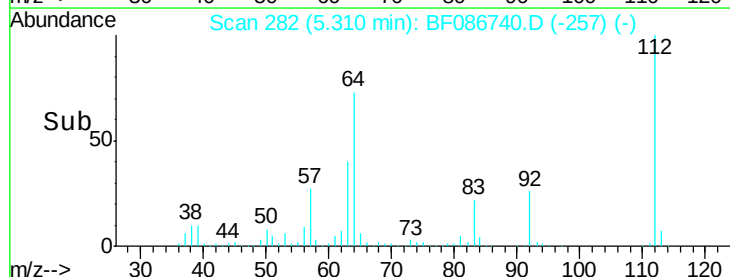
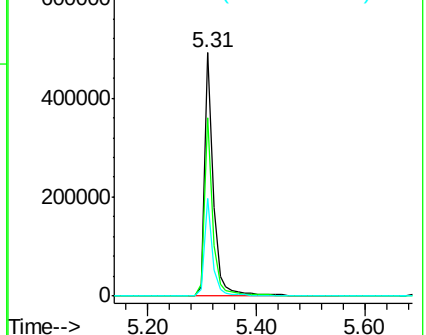
63 40.1 25.7 38.5

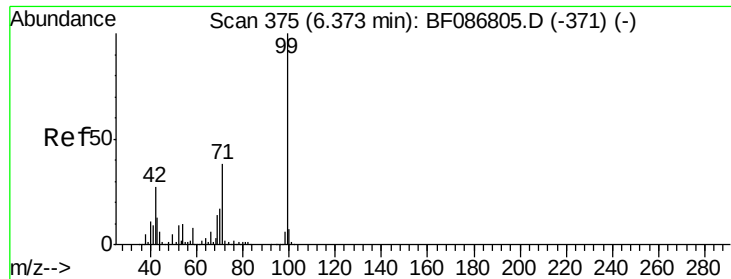


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.79 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF086740.D

Acq: 6 May 2016 22:57

Instrument :

BNA_F

ClientSampleId :

DRW2

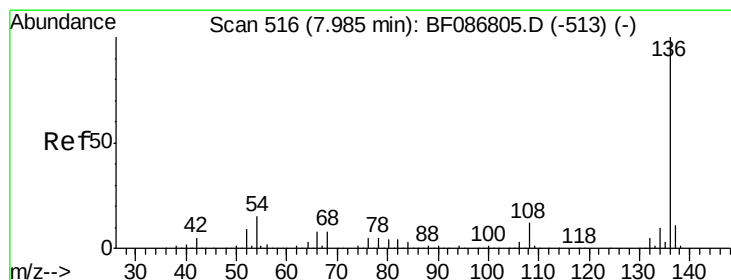
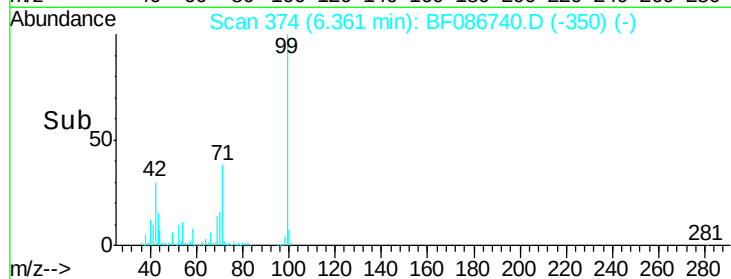
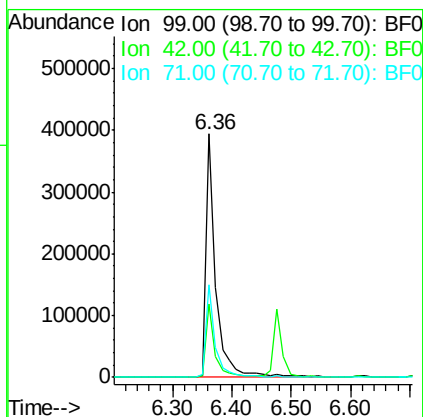
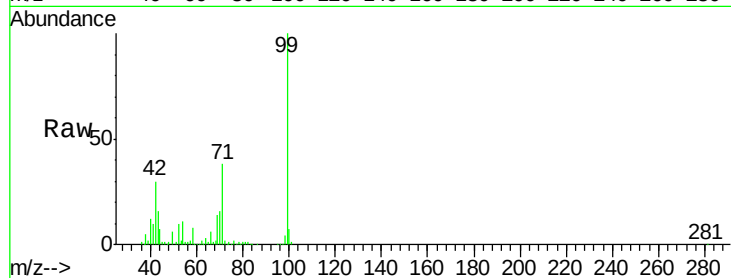
Tgt Ion: 99 Resp: 464625

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

71 37.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF086740.D

Acq: 6 May 2016 22:57

Tgt Ion: 136 Resp: 622146

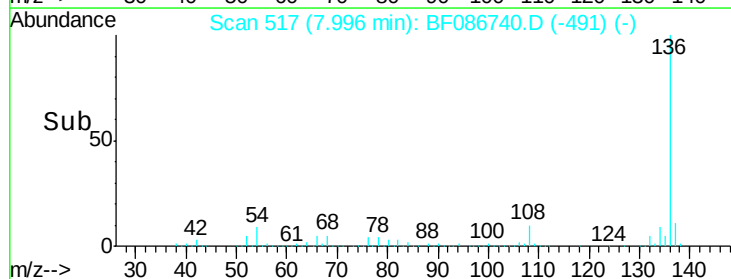
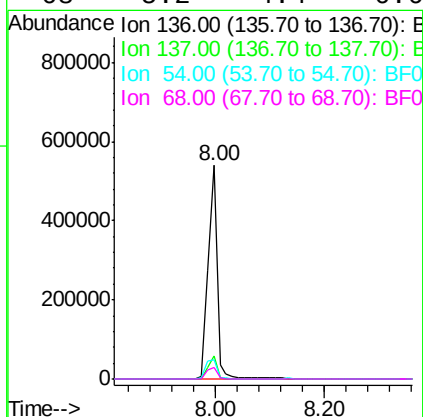
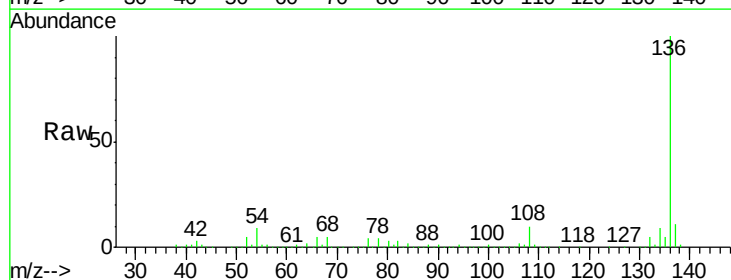
Ion Ratio Lower Upper

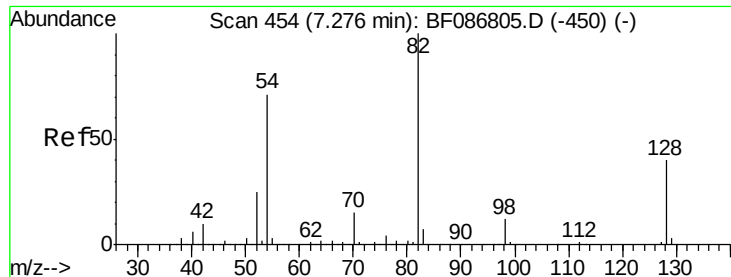
136 100

137 10.5 8.8 13.2

54 9.1 5.0 7.4#

68 5.2 4.4 6.6

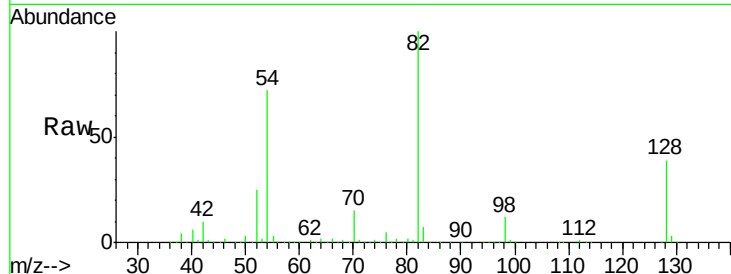




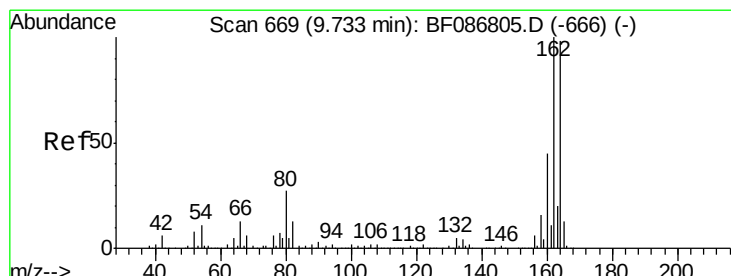
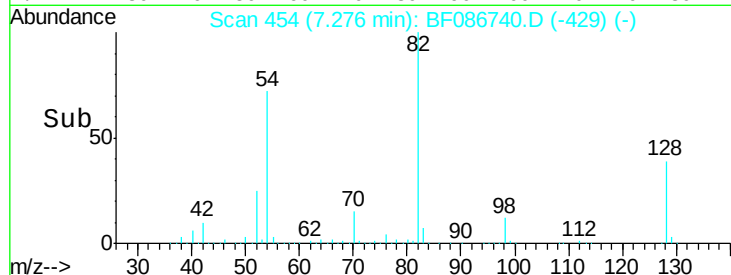
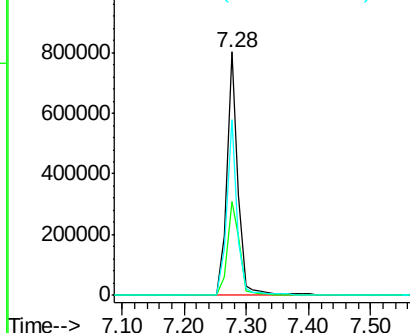
#23
 Nitrobenzene-d5
 Concen: 81.82 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086740.D
 Acq: 6 May 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 DRW2

Tgt Ion: 82 Resp: 990551
 Ion Ratio Lower Upper
 82 100
 128 38.7 40.6 61.0#
 54 72.4 38.1 57.1#

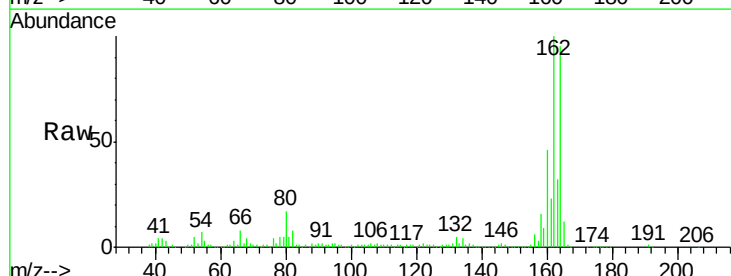


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

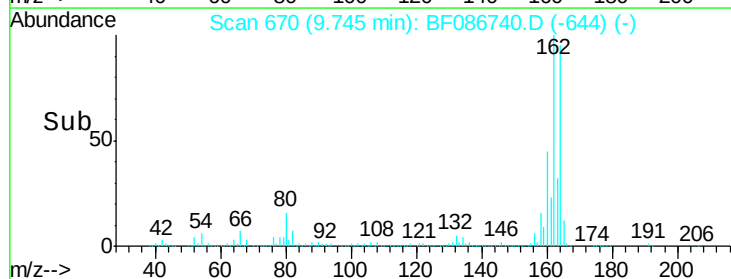
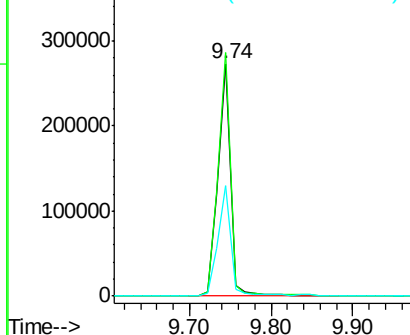


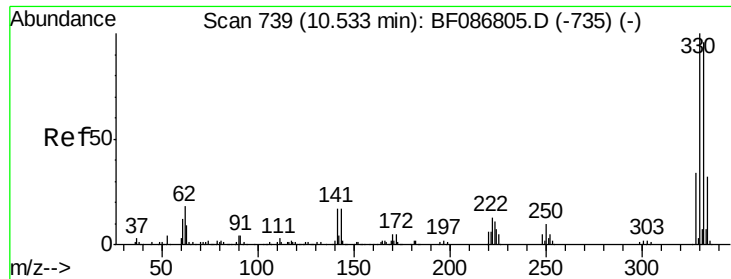
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF086740.D
 Acq: 6 May 2016 22:57

Tgt Ion: 164 Resp: 291172
 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

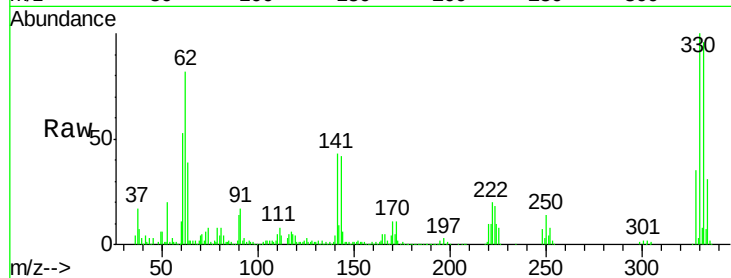




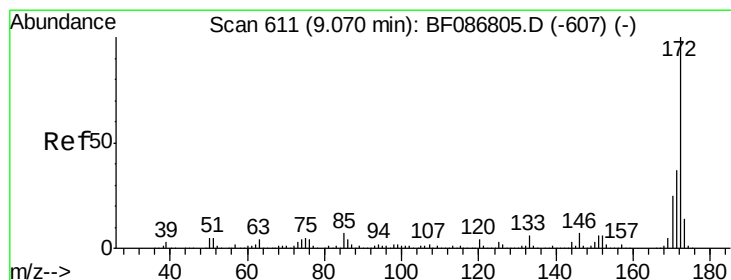
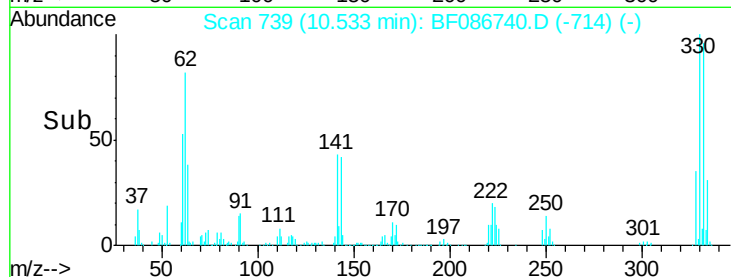
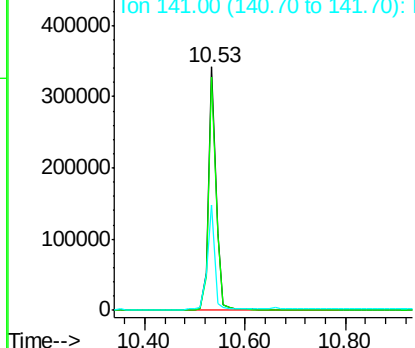
#41
 2,4,6-Tribromophenol
 Concen: 128.72 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086740.D
 Acq: 6 May 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 DRW2

Tgt Ion:330 Resp: 366634
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.0 118.4
 141 40.8 31.2 46.8

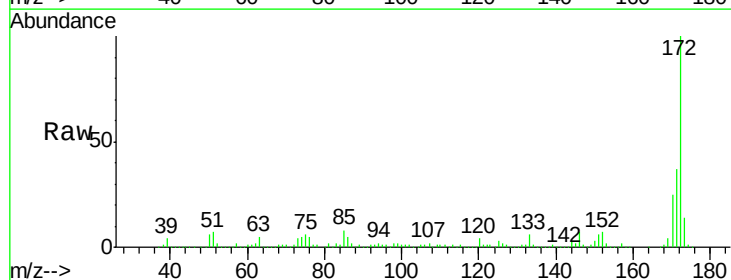


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

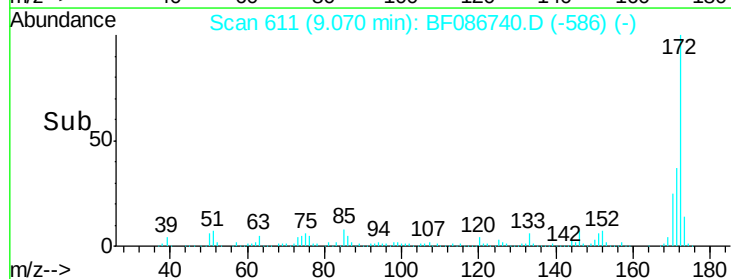
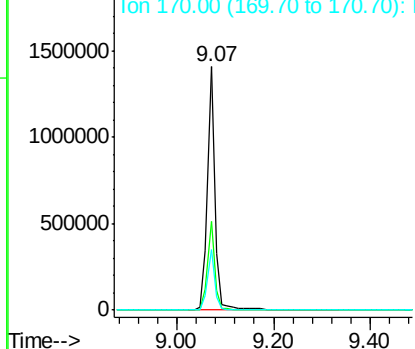


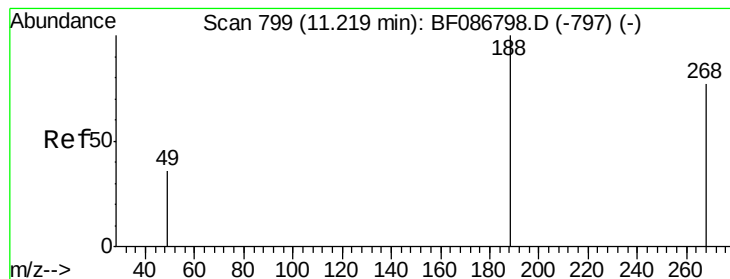
#44
 2-Fluorobiphenyl
 Concen: 86.95 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086740.D
 Acq: 6 May 2016 22:57

Tgt Ion:172 Resp: 1544463
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 25.1 19.8 29.8



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: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF086740.D

Acq: 6 May 2016 22:57

Instrument :

BNA_F

ClientSampleId :

DRW2

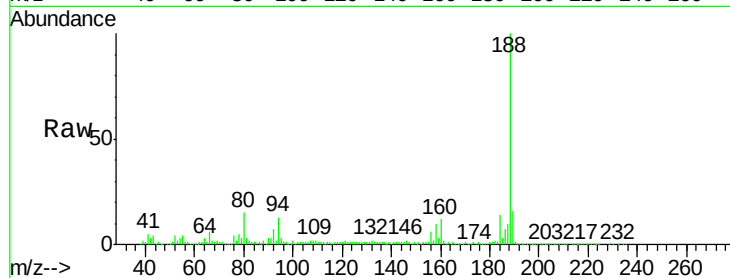
Tgt Ion:188 Resp: 477595

Ion Ratio Lower Upper

188 100

94 13.4 6.8 10.2#

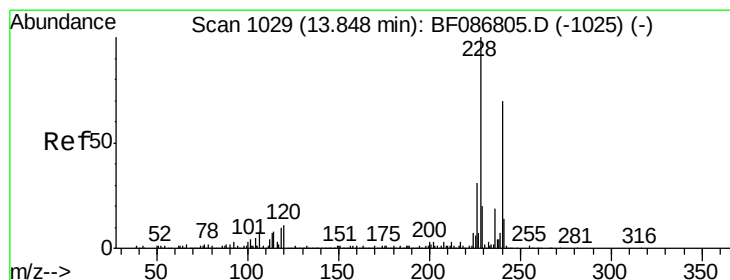
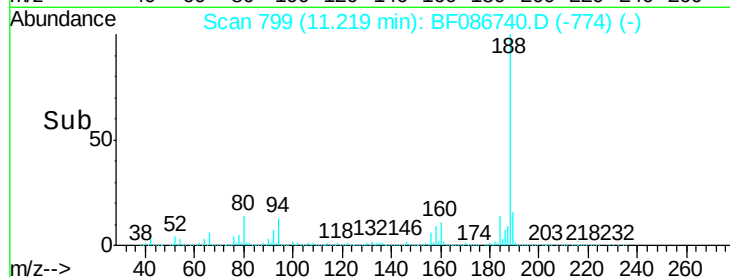
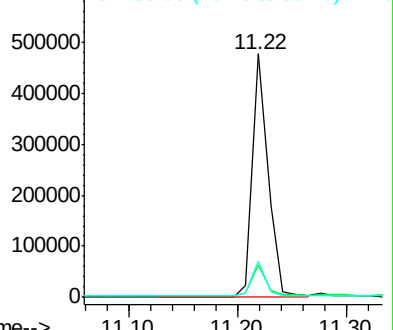
80 14.7 7.1 10.7#



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: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF086740.D

Acq: 6 May 2016 22:57

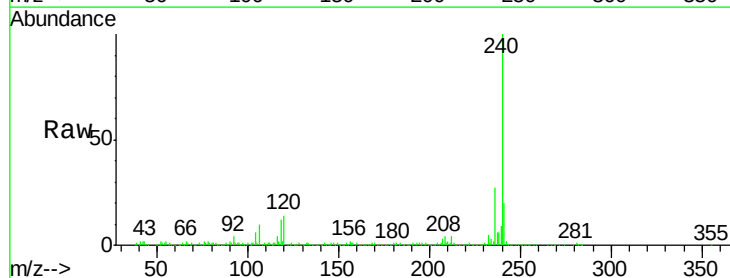
Tgt Ion:240 Resp: 407786

Ion Ratio Lower Upper

240 100

120 14.3 11.2 16.8

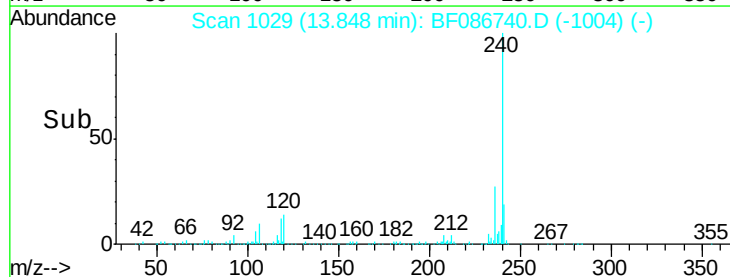
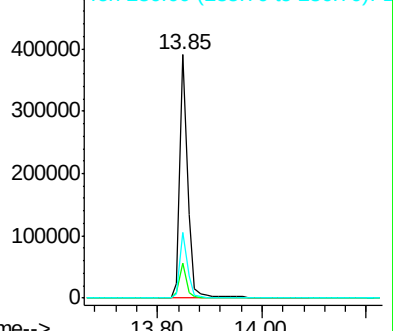
236 26.8 21.2 31.8

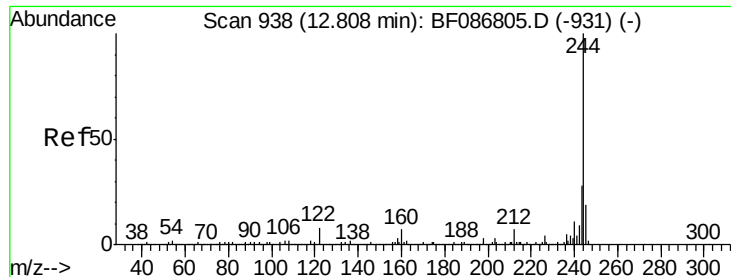


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.07 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086740.D

Acq: 6 May 2016 22:57

Instrument :

BNA_F

ClientSampleId :

DRW2

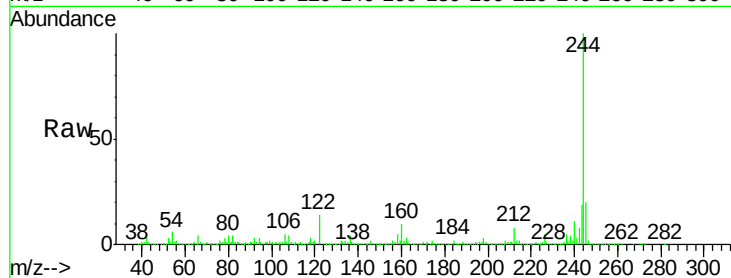
Tgt Ion:244 Resp: 1353338

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

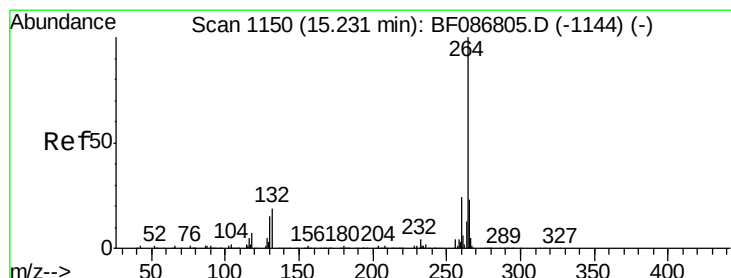
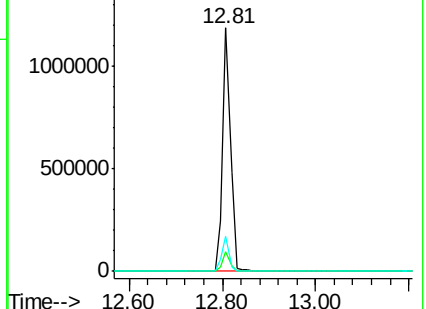
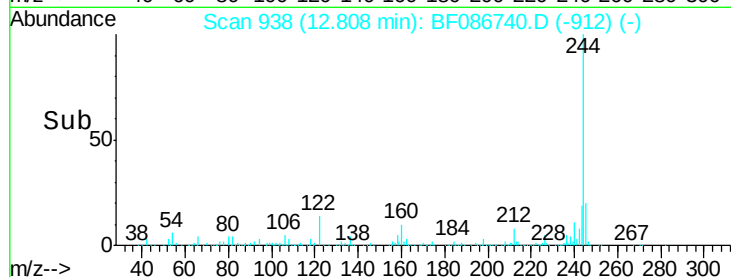
122 14.5 12.0 18.0



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: BF086740.D

Acq: 6 May 2016 22:57

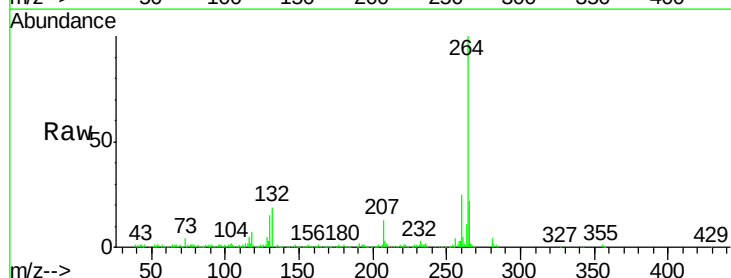
Tgt Ion:264 Resp: 287577

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 22.2 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

