

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086750.D
 Acq On : 7 May 2016 3:44
 Operator : UM/SJ
 Sample : PB90362BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90362BL

Quant Time: May 07 04:58:51 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	173943	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	694874	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	334478	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	644082	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	431978	40.00	ng	-0.01
86) Perylene-d12	15.23	264	319215	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1279480	121.77	ng	0.00
7) Phenol-d6	6.37	99	1753705	123.91	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1096557	81.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	444299	135.79	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1836310	89.99	ng	-0.01
78) Terphenyl-d14	12.81	244	1618795	75.74	ng	0.00

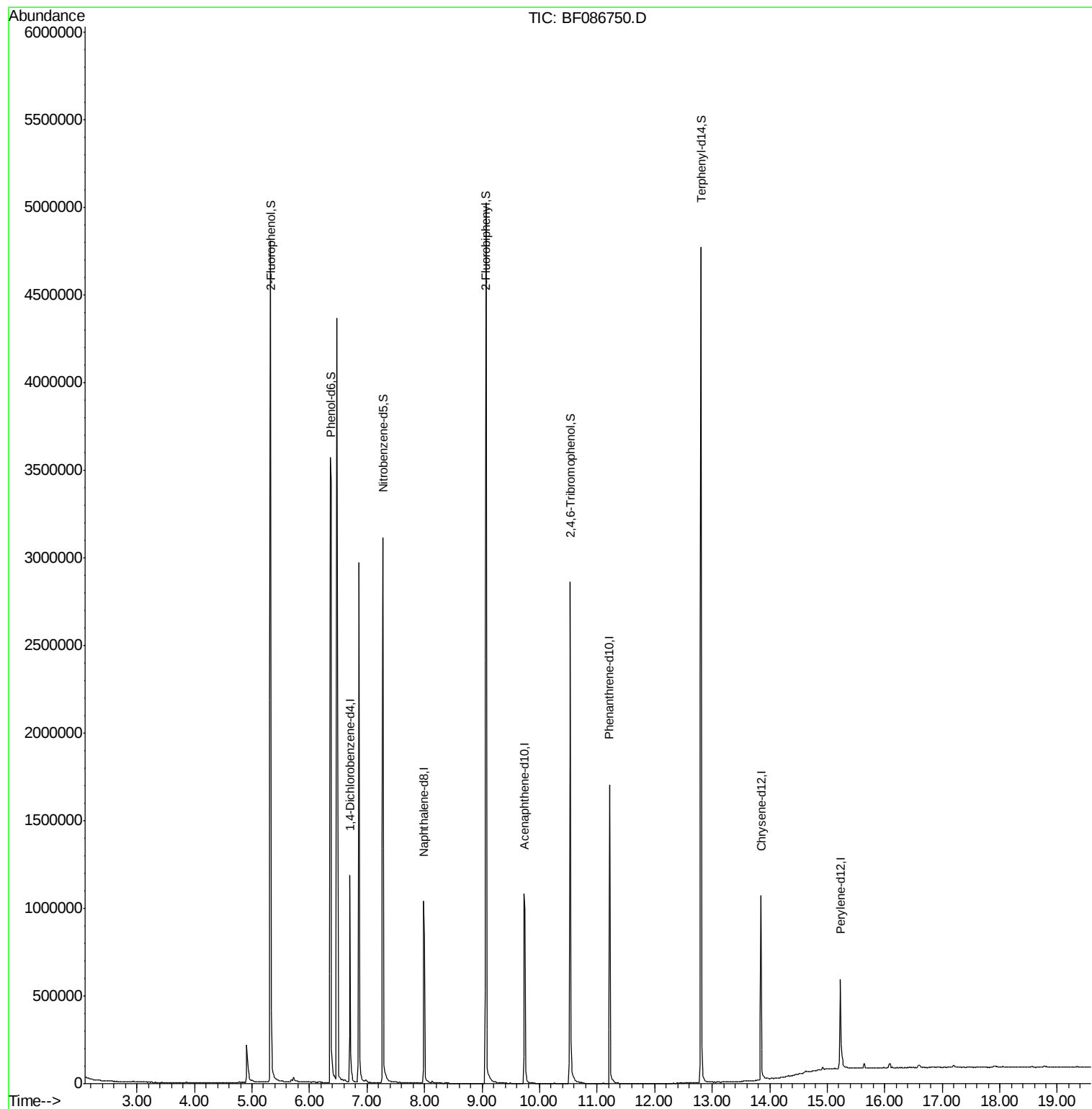
Target Compounds	Qvalue
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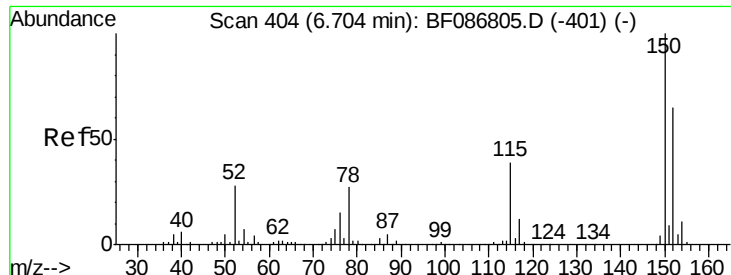
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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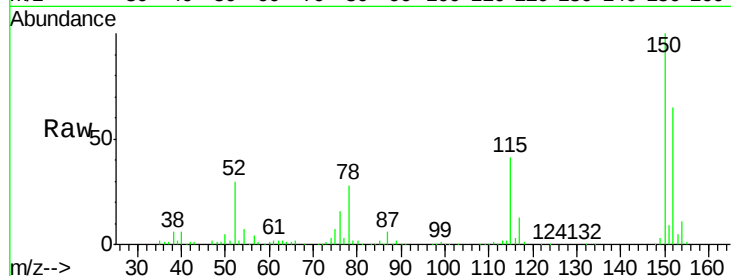




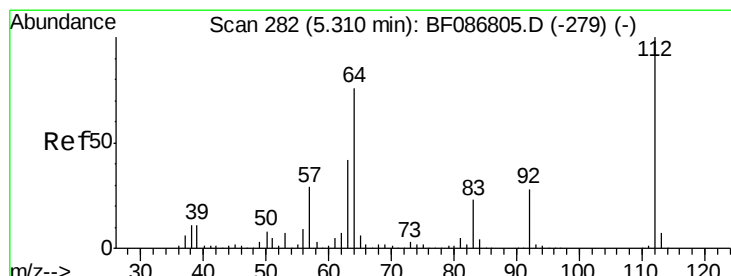
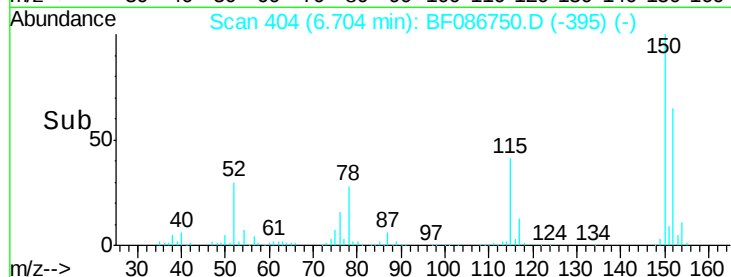
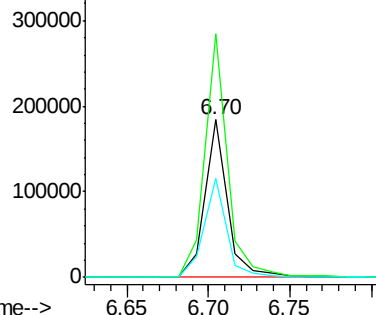
#1
 1,4-Dichlorobenzene-d4
 Concen: 40.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086750.D
 Acq: 7 May 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 PB90362BL

Tgt Ion:152 Resp: 173943
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.8 188.6
 115 62.9 51.5 77.3

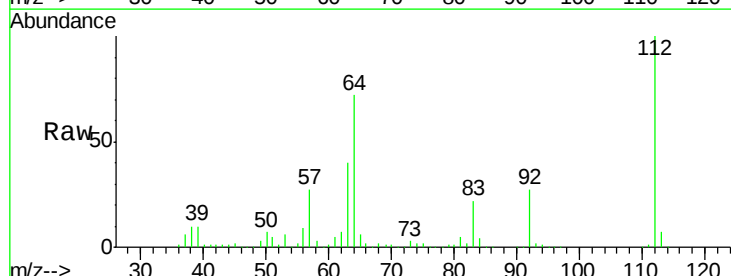


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

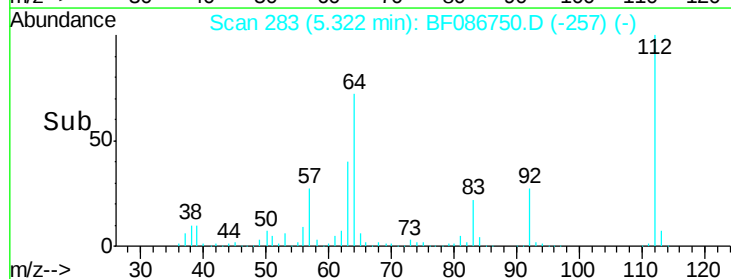
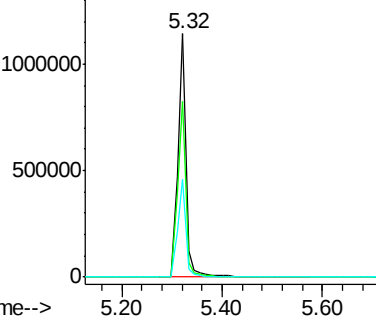


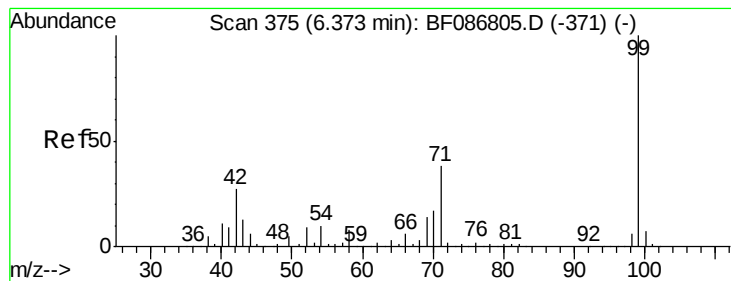
#5
 2-Fluorophenol
 Concen: 121.77 ng
 RT: 5.32 min Scan# 283
 Delta R.T. 0.00 min
 Lab File: BF086750.D
 Acq: 7 May 2016 3:44

Tgt Ion:112 Resp: 1279480
 Ion Ratio Lower Upper
 112 100
 64 72.4 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: 123.91 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086750.D

Acq: 7 May 2016 3:44

Instrument :

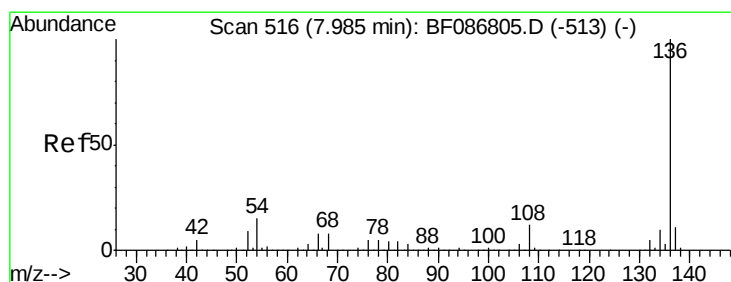
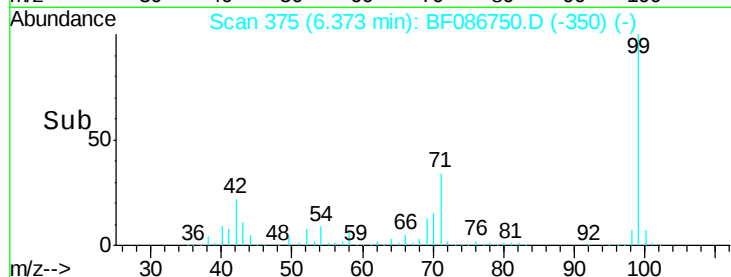
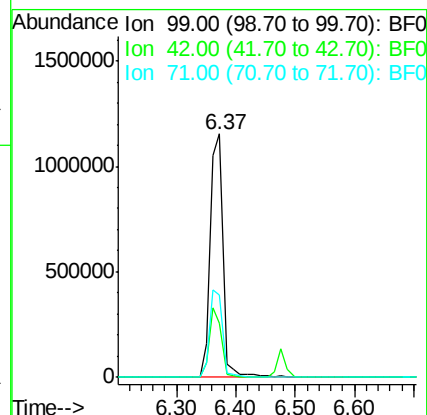
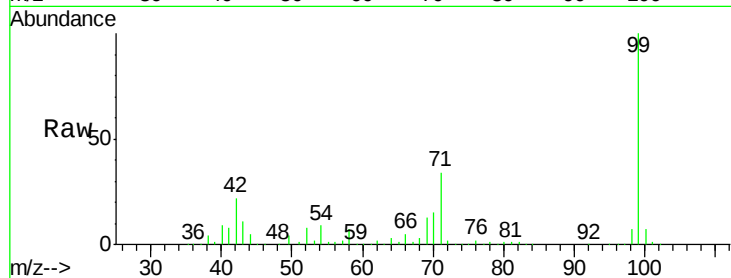
BNA_F

ClientSampleId :

PB90362BL

Tgt Ion: 99 Resp: 1753705

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.6	20.4#
71	33.8	24.6	36.8



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 7.98 min Scan# 516

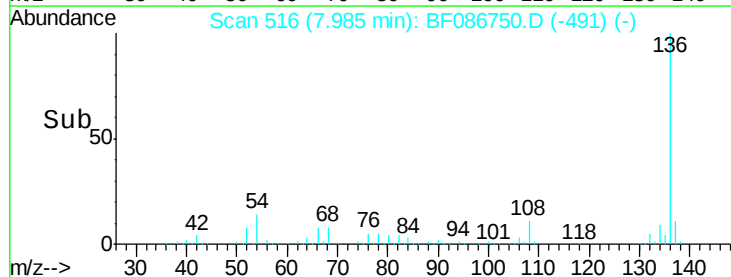
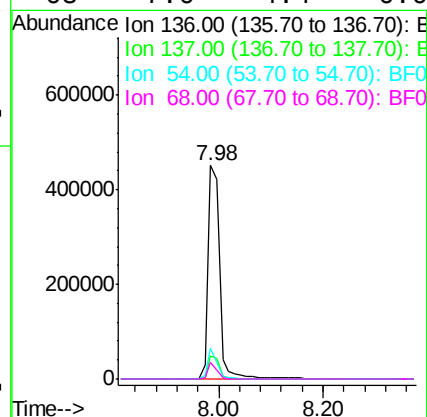
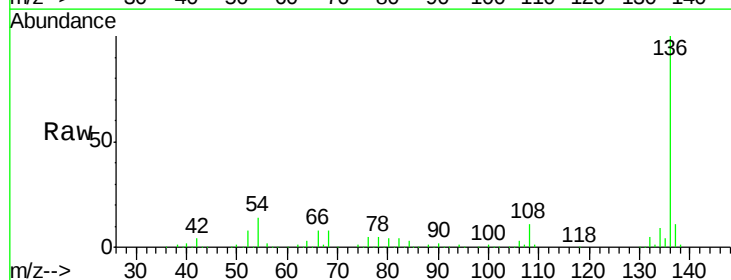
Delta R.T. -0.01 min

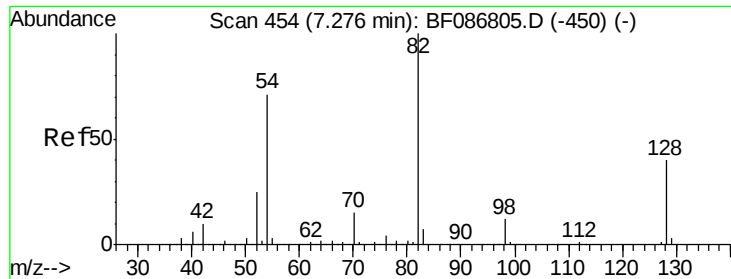
Lab File: BF086750.D

Acq: 7 May 2016 3:44

Tgt Ion: 136 Resp: 694874

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.5	5.0	7.4#
68	7.6	4.4	6.6#

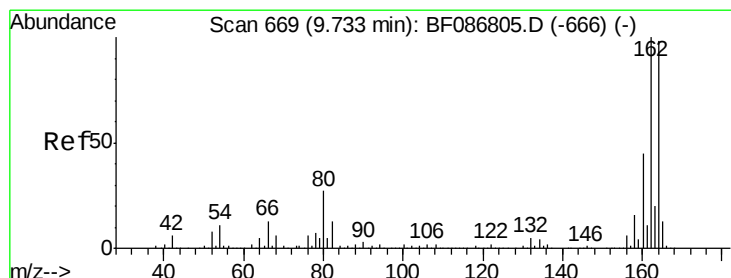
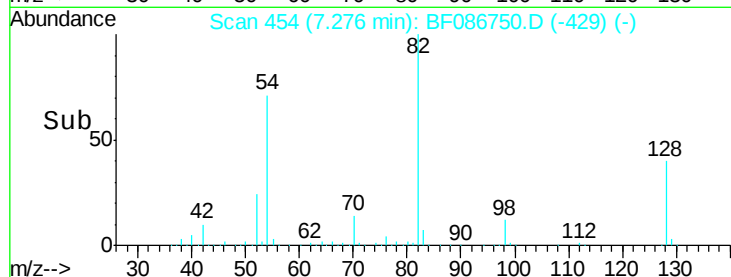
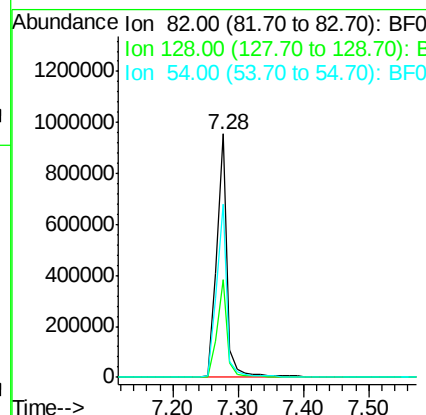
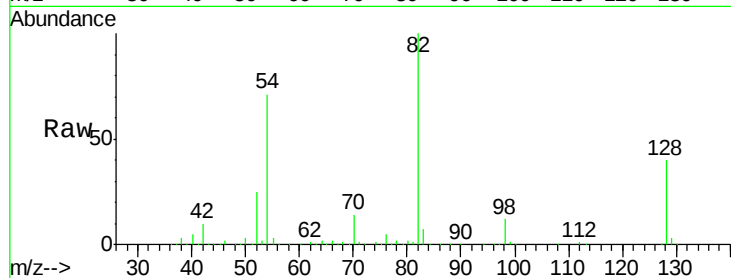




#23
 Nitrobenzene-d5
 Concen: 81.09 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086750.D
 Acq: 7 May 2016 3:44

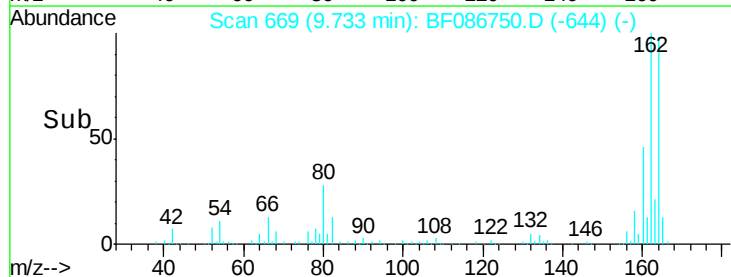
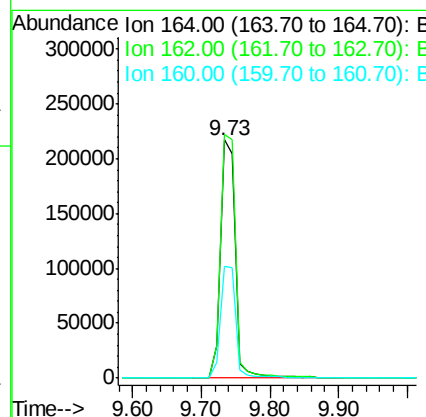
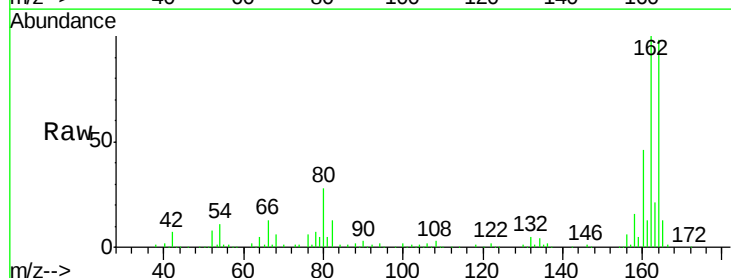
Instrument :
 BNA_F
 ClientSampleId :
 PB90362BL

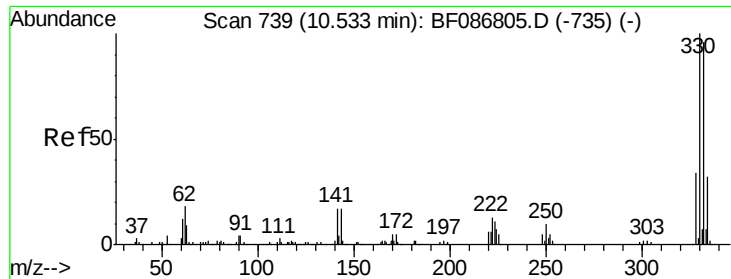
Tgt Ion: 82 Resp: 1096557
 Ion Ratio Lower Upper
 82 100
 128 40.1 40.6 61.0#
 54 70.9 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF086750.D
 Acq: 7 May 2016 3:44

Tgt Ion: 164 Resp: 334478
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.8 124.2
 160 47.0 36.9 55.3

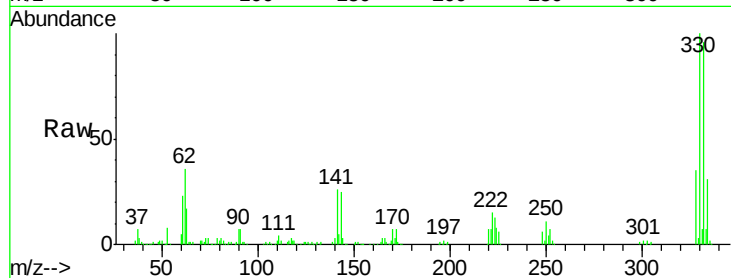




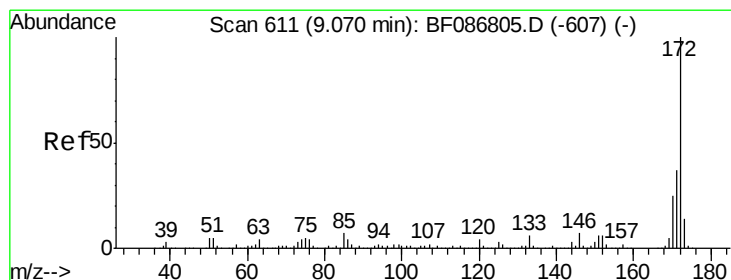
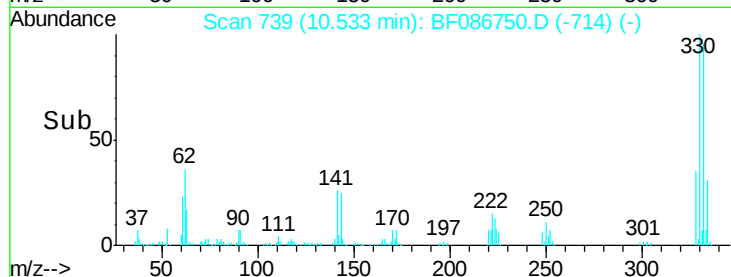
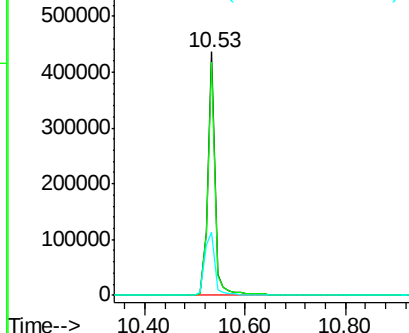
#41
 2,4,6-Tribromophenol
 Concen: 135.79 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086750.D
 Acq: 7 May 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 PB90362BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	36.5	31.2	46.8

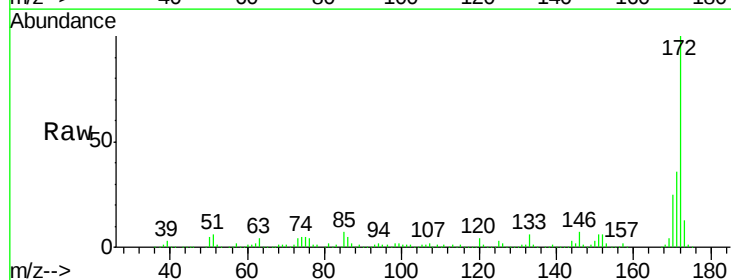


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

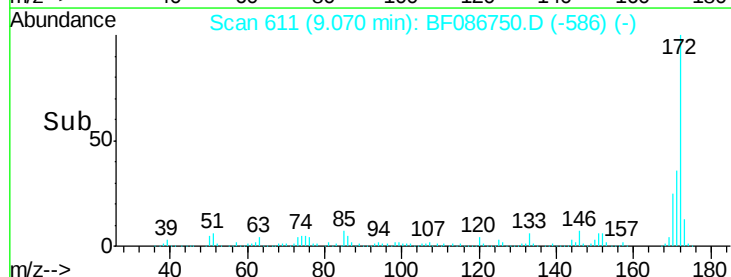
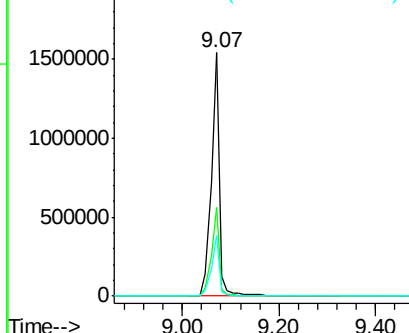


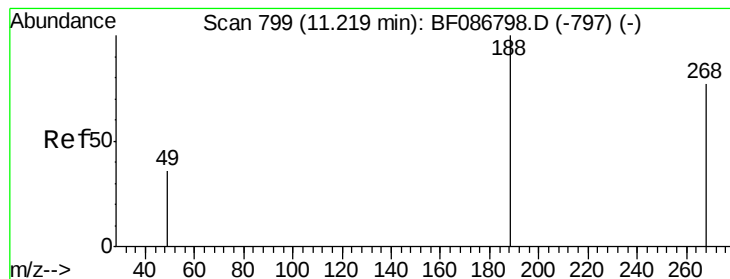
#44
 2-Fluorobiphenyl
 Concen: 89.99 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086750.D
 Acq: 7 May 2016 3:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.9	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: BF086750.D

Acq: 7 May 2016 3:44

Instrument :

BNA_F

ClientSampleId :

PB90362BL

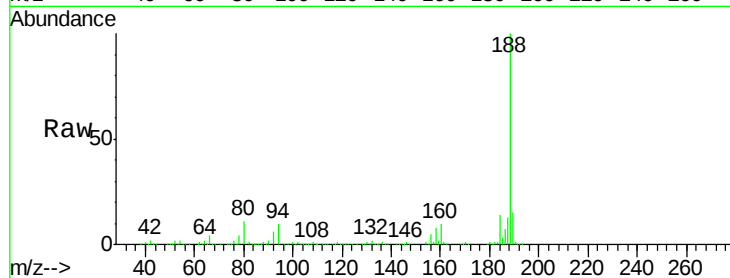
Tgt Ion:188 Resp: 644082

Ion Ratio Lower Upper

188 100

94 9.9 6.8 10.2

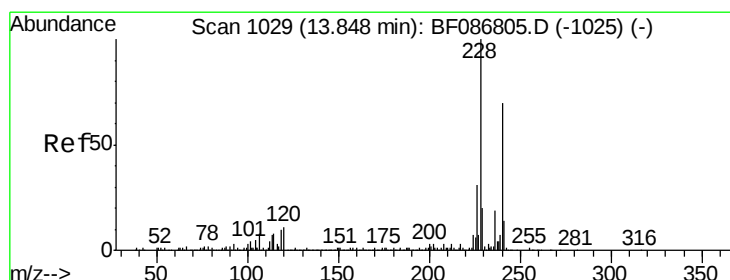
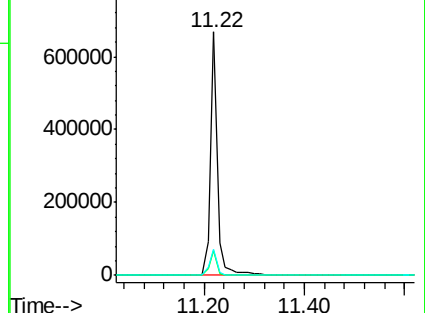
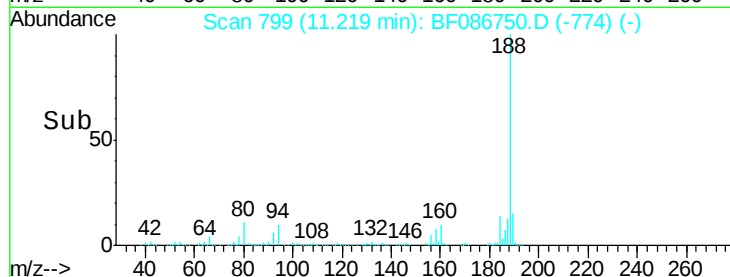
80 10.7 7.1 10.7



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: BF086750.D

Acq: 7 May 2016 3:44

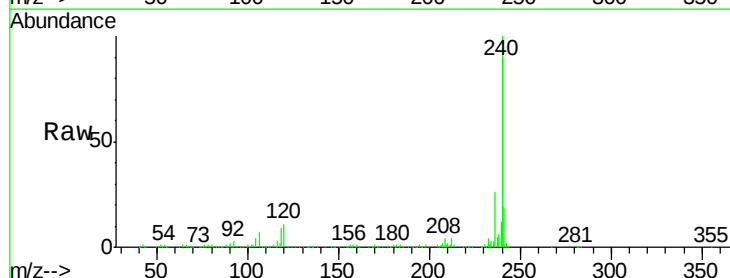
Tgt Ion:240 Resp: 431978

Ion Ratio Lower Upper

240 100

120 10.7 11.2 16.8#

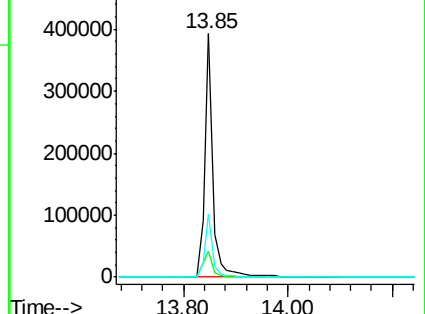
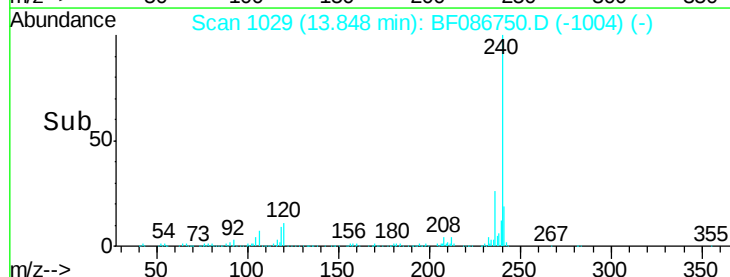
236 26.2 21.2 31.8

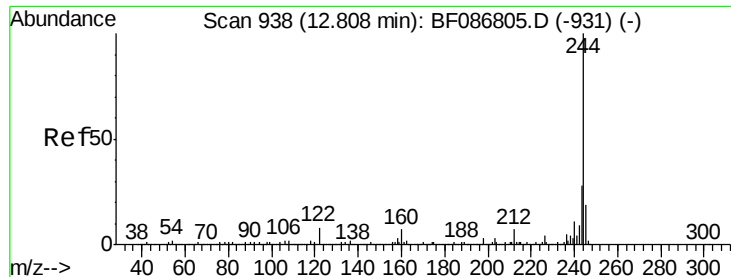


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.74 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086750.D

Acq: 7 May 2016 3:44

Instrument :

BNA_F

ClientSampleId :

PB90362BL

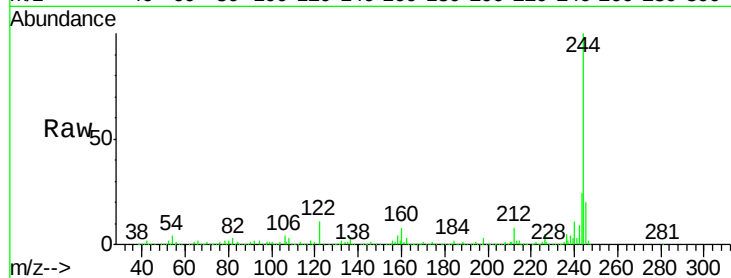
Tgt Ion:244 Resp: 1618795

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

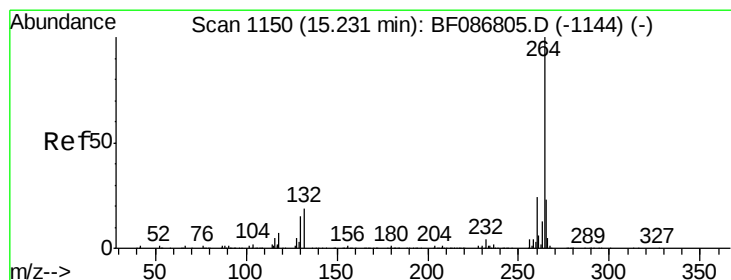
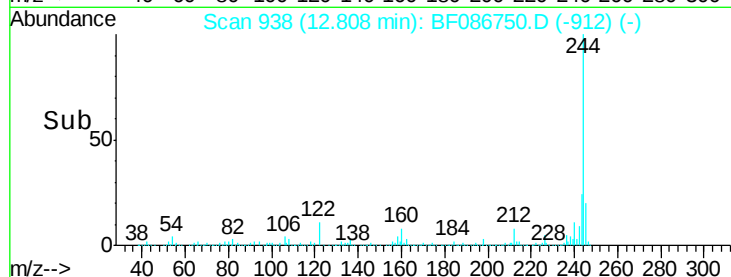
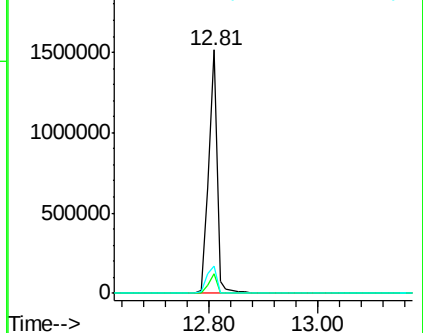
122 11.0 12.0 18.0#



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: BF086750.D

Acq: 7 May 2016 3:44

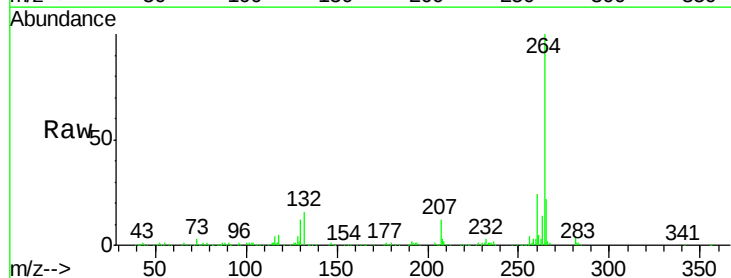
Tgt Ion:264 Resp: 319215

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

