

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087310.D
 Acq On : 23 May 2016 20:33
 Operator : UM/SJ
 Sample : PB90703BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BL

Quant Time: May 24 02:02:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	129850	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	530203	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	254436	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	516966	20.00	ng	0.00
75) Chrysene-d12	18.56	240	436630	20.00	ng	0.00
86) Perylene-d12	20.22	264	363348	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	965430	130.64	ng	0.02
7) Phenol-d6	7.15	99	1302286	130.42	ng	-0.01
23) Nitrobenzene-d5	8.52	82	848873	80.69	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	322153	131.76	ng	-0.01
44) 2-Fluorobiphenyl	11.42	172	1470029	81.45	ng	-0.01
78) Terphenyl-d14	17.21	244	1515203	73.78	ng	-0.01

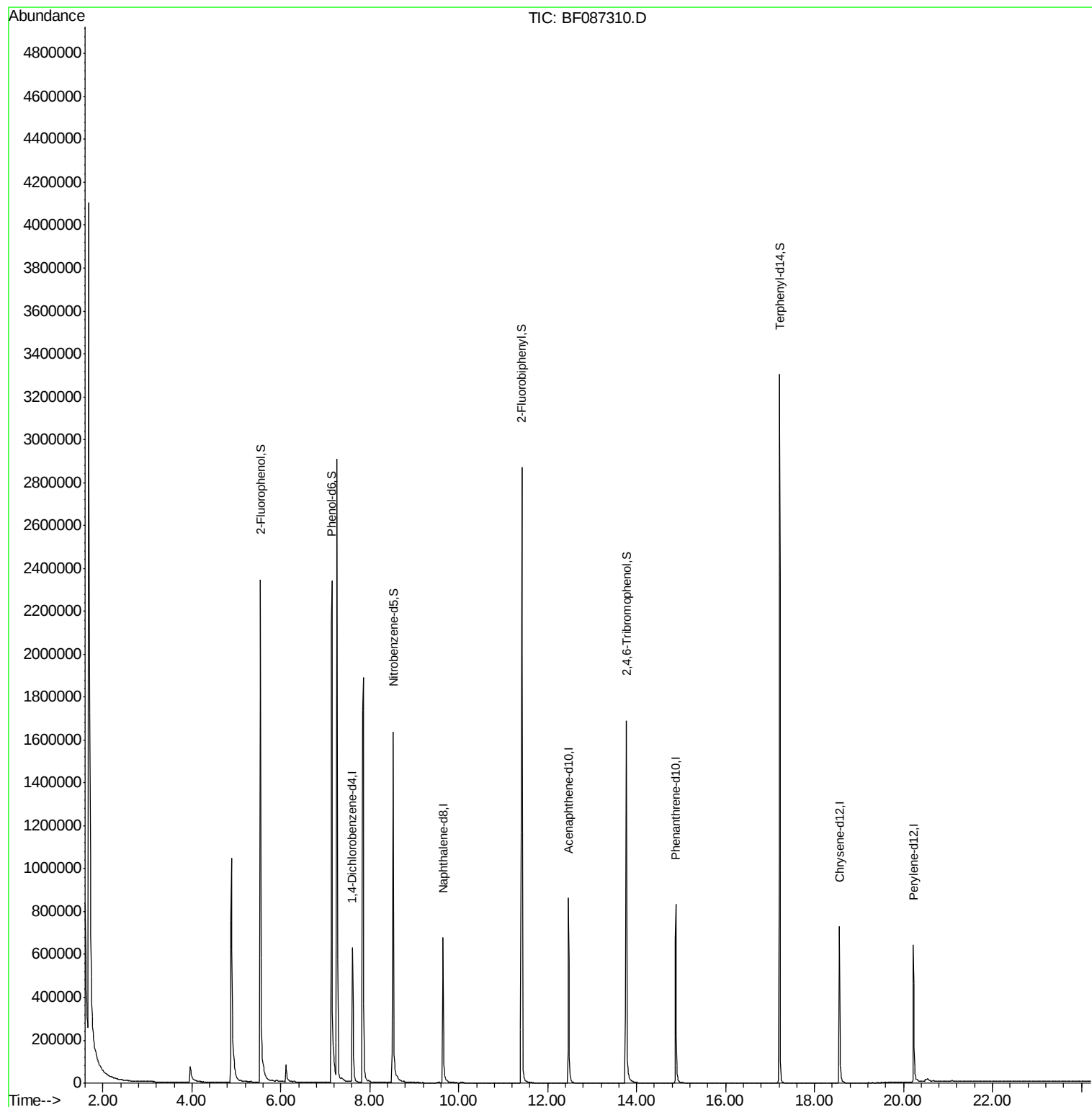
Target Compounds	Qvalue
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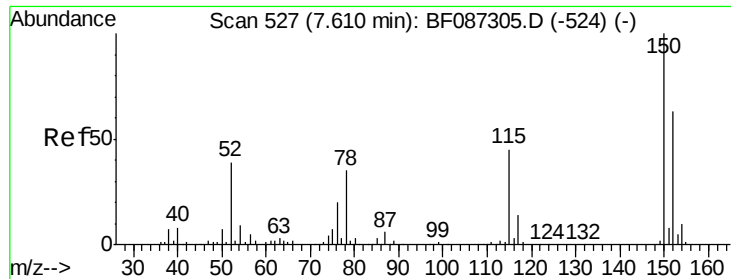
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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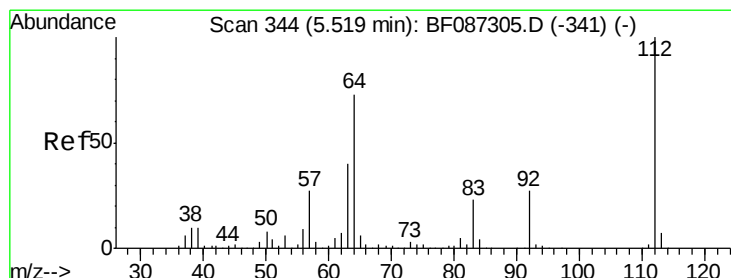
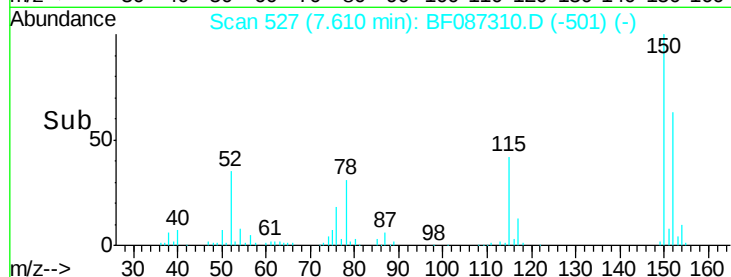
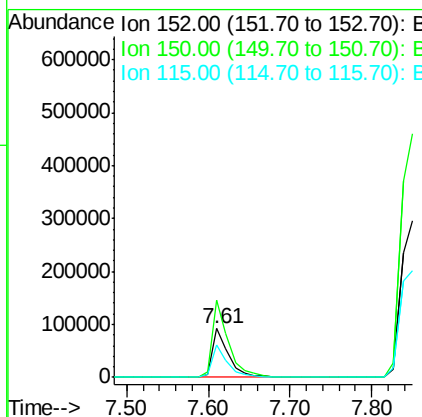
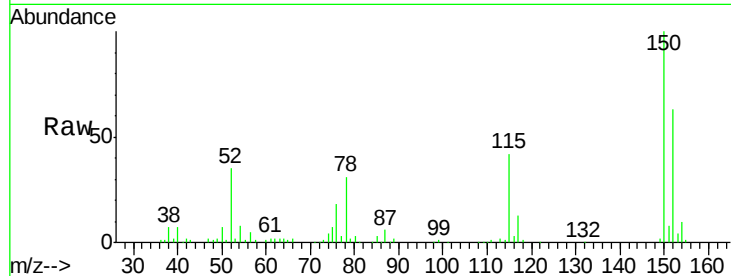




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF087310.D
 Acq: 23 May 2016 20:33

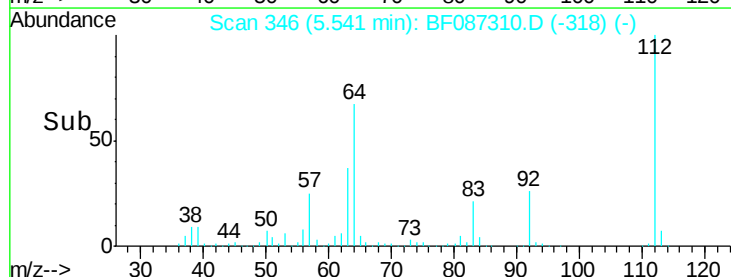
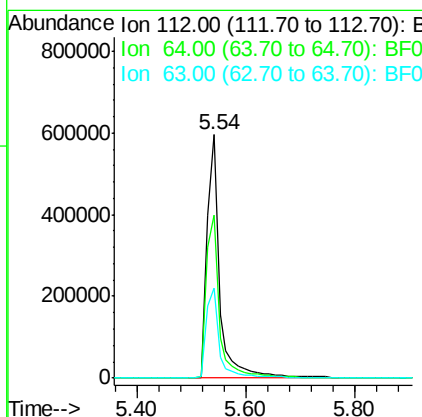
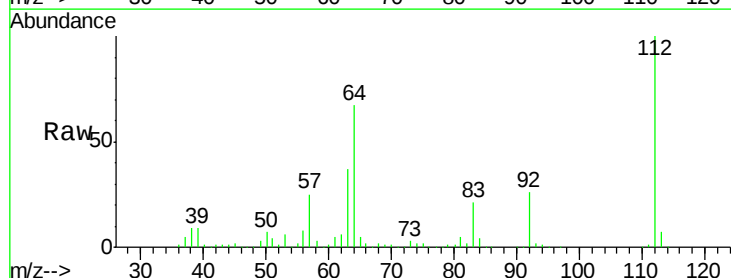
Instrument :
 BNA_F
 ClientSampleId :
 PB90703BL

Tgt Ion:152 Resp: 129850
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.8 188.6
 115 67.1 51.5 77.3



#5
 2-Fluorophenol
 Concen: 130.64 ng
 RT: 5.54 min Scan# 346
 Delta R.T. 0.02 min
 Lab File: BF087310.D
 Acq: 23 May 2016 20:33

Tgt Ion:112 Resp: 965430
 Ion Ratio Lower Upper
 112 100
 64 66.9 52.1 78.1
 63 37.1 25.7 38.5





#7

Phenol-d6

Concen: 130.42 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087310.D

Acq: 23 May 2016 20:33

Instrument :

BNA_F

ClientSampleId :

PB90703BL

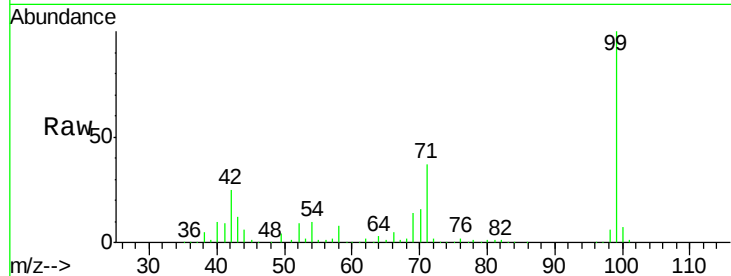
Tgt Ion: 99 Resp: 1302286

Ion Ratio Lower Upper

99 100

42 25.3 13.6 20.4#

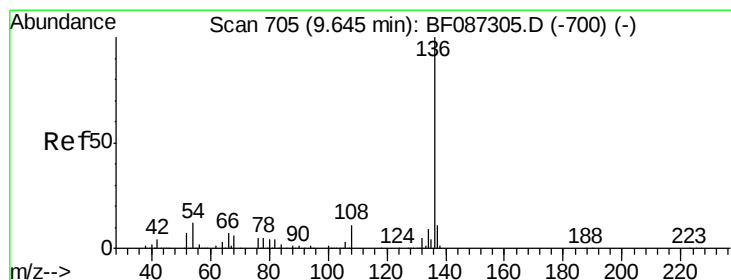
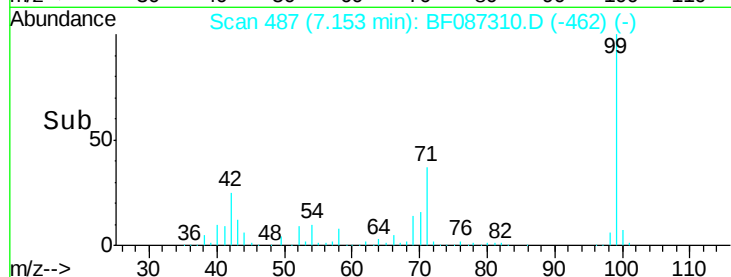
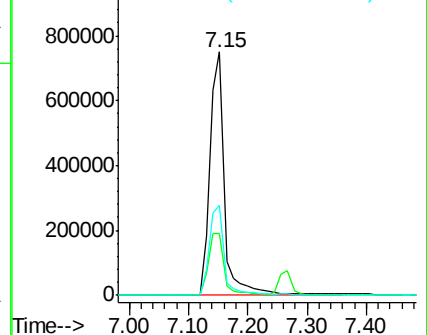
71 36.9 24.6 36.8#



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: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF087310.D

Acq: 23 May 2016 20:33

Tgt Ion: 136 Resp: 530203

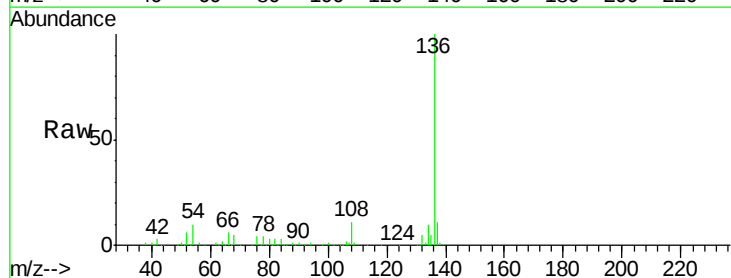
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.2 5.0 7.4#

68 5.5 4.4 6.6

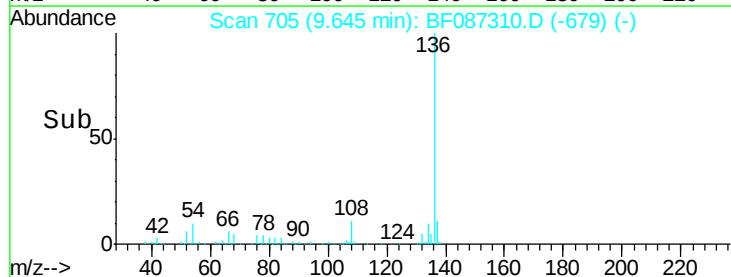
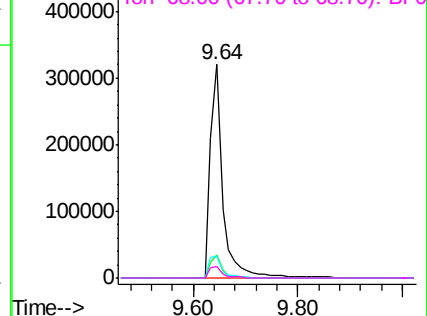


Abundance Ion 136.00 (135.70 to 136.70): E

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

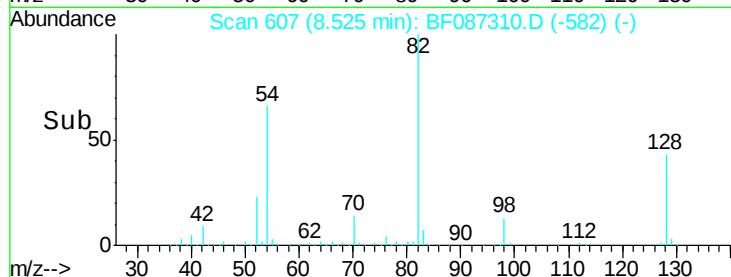
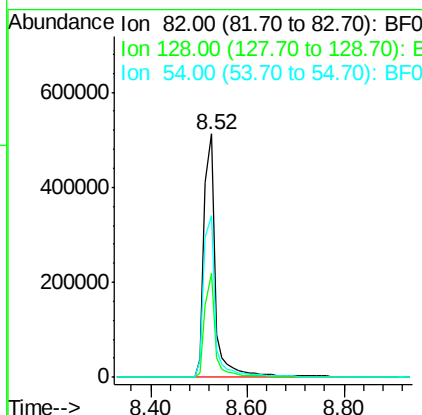
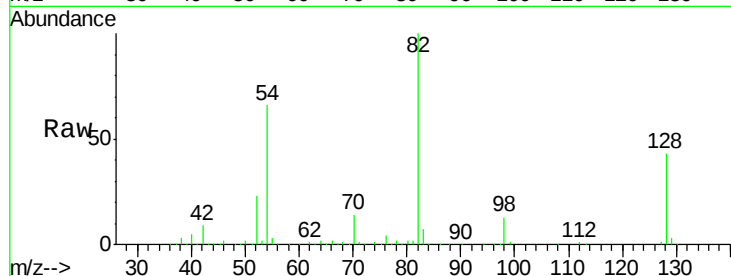




#23
 Nitrobenzene-d5
 Concen: 80.69 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087310.D
 Acq: 23 May 2016 20:33

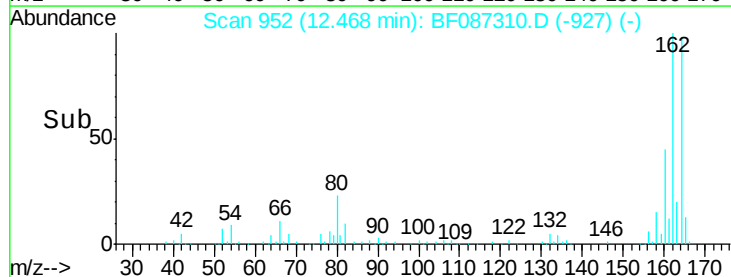
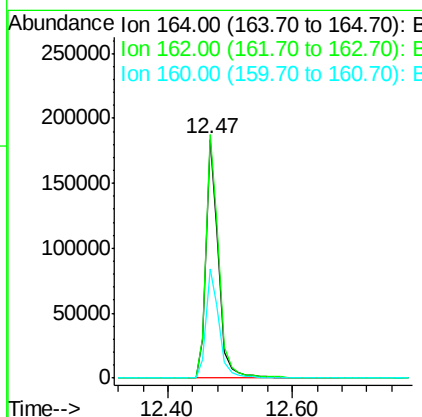
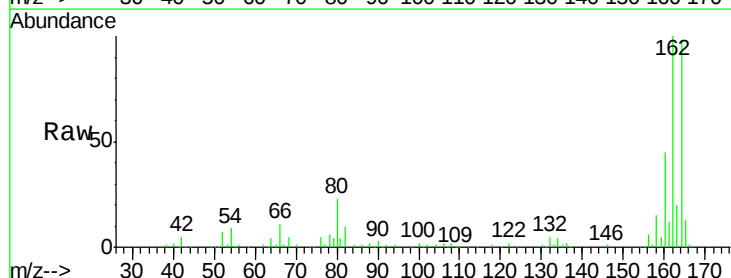
Instrument :
 BNA_F
 ClientSampleId :
 PB90703BL

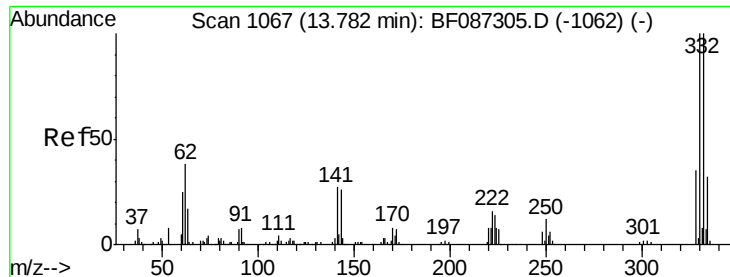
Tgt Ion: 82 Resp: 848873
 Ion Ratio Lower Upper
 82 100
 128 42.5 40.6 61.0
 54 66.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087310.D
 Acq: 23 May 2016 20:33

Tgt Ion: 164 Resp: 254436
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.8 124.2
 160 46.0 36.9 55.3

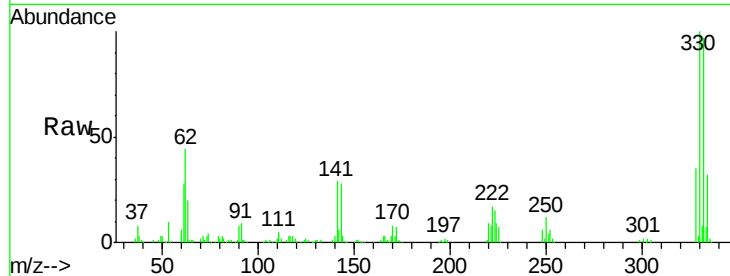




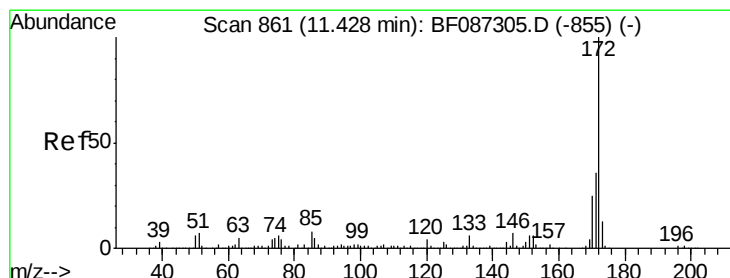
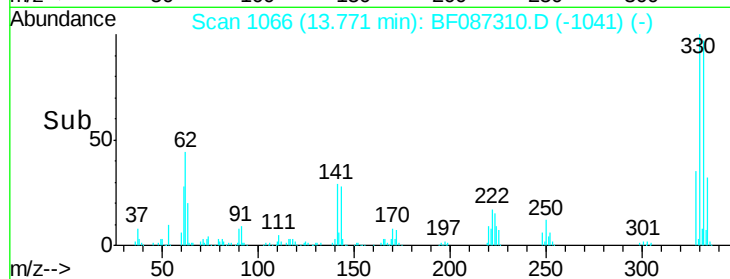
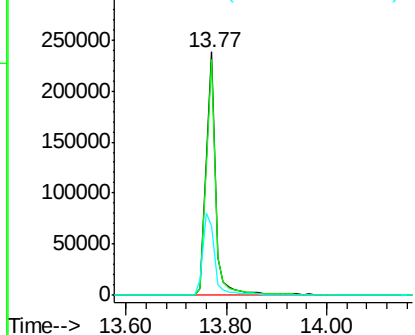
#41
 2,4,6-Tribromophenol
 Concen: 131.76 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087310.D
 Acq: 23 May 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BL

Tgt Ion:330 Resp: 322153
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 41.6 31.2 46.8

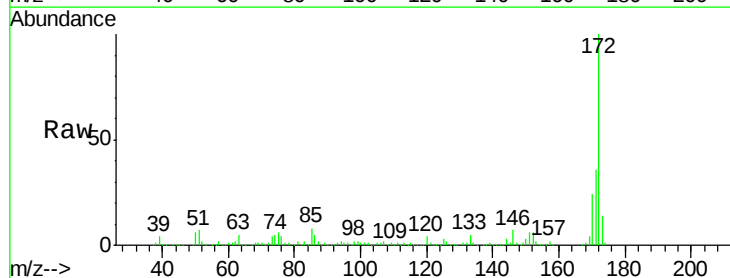


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

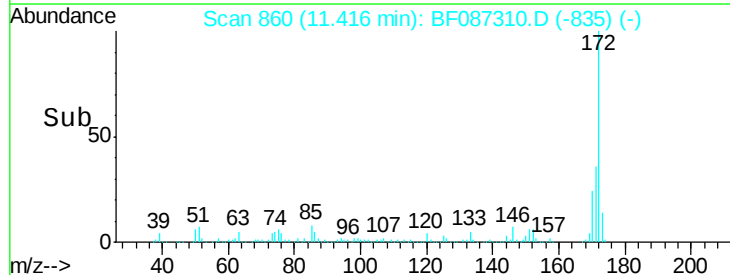
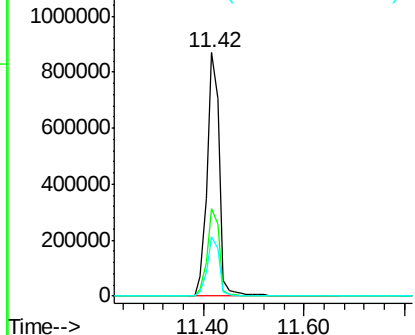


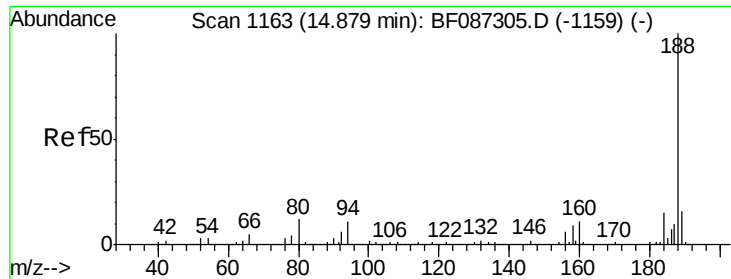
#44
 2-Fluorobiphenyl
 Concen: 81.45 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF087310.D
 Acq: 23 May 2016 20:33

Tgt Ion:172 Resp: 1470029
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.2 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

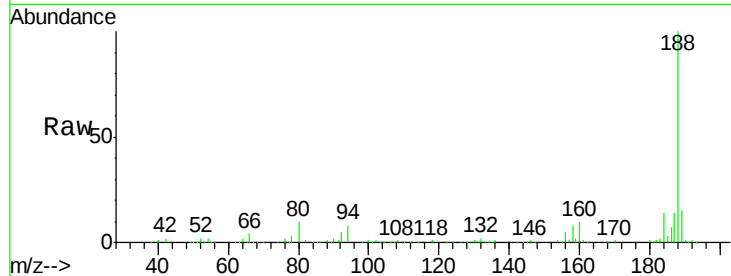




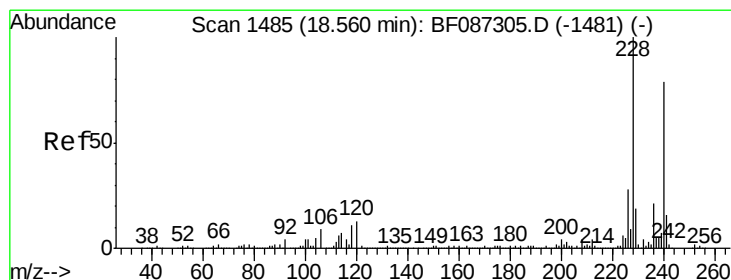
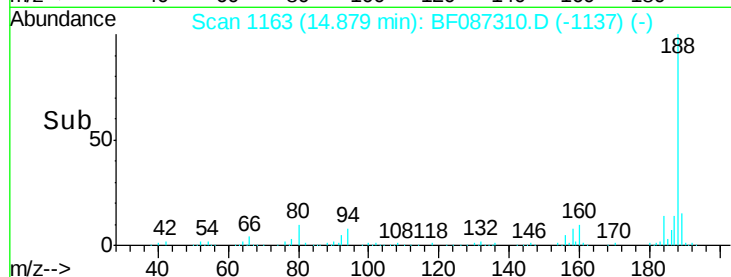
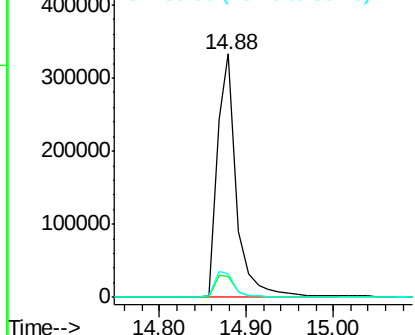
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF087310.D
 Acq: 23 May 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BL

Tgt Ion:188 Resp: 516966
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.8 10.2
 80 9.5 7.1 10.7

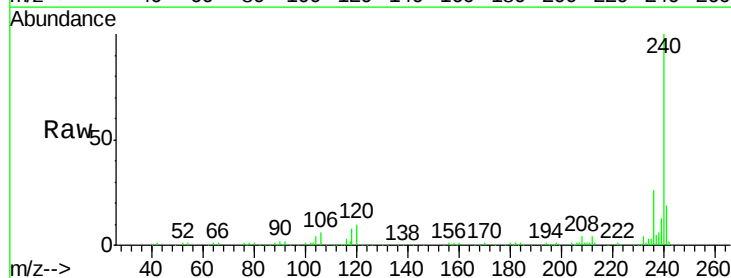


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

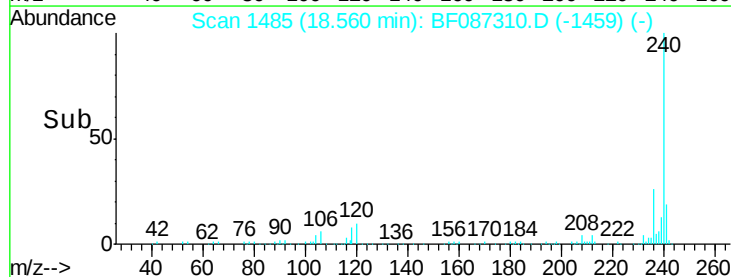
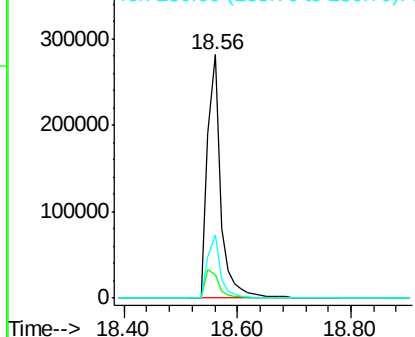


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.56 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: BF087310.D
 Acq: 23 May 2016 20:33

Tgt Ion:240 Resp: 436630
 Ion Ratio Lower Upper
 240 100
 120 9.5 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: 73.78 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087310.D

Acq: 23 May 2016 20:33

Instrument :

BNA_F

ClientSampleId :

PB90703BL

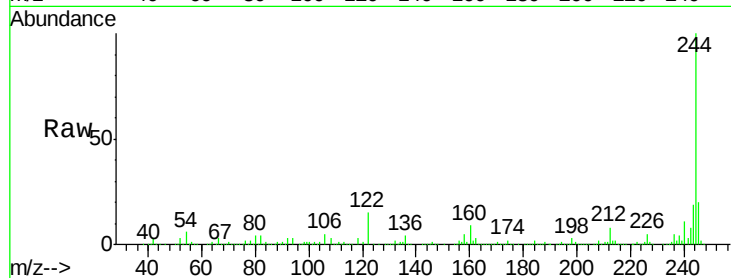
Tgt Ion:244 Resp: 1515203

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

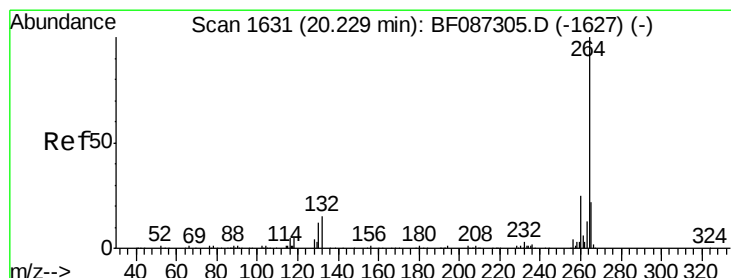
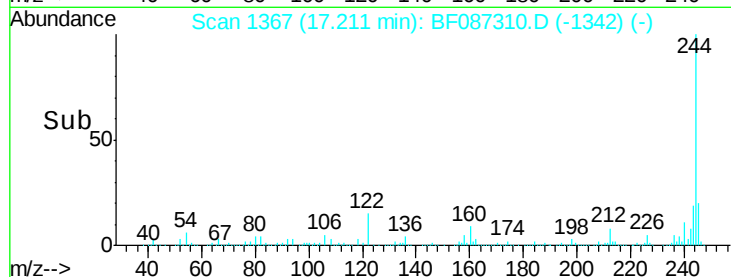
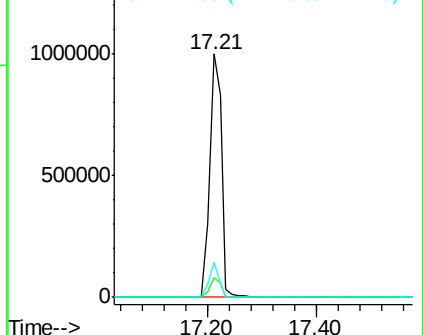
122 14.5 12.0 18.0



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: 20.00 ng

RT: 20.22 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BF087310.D

Acq: 23 May 2016 20:33

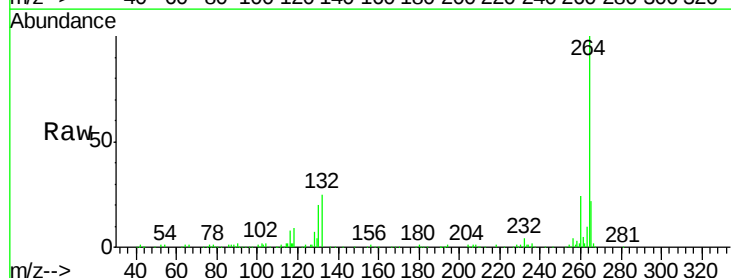
Tgt Ion:264 Resp: 363348

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.7 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

