

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086762.D
 Acq On : 7 May 2016 9:29
 Operator : UM/SJ
 Sample : PB90333BL
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90333BL

Quant Time: May 07 23:22:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	158380	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	635335	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	307722	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	590051	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	375955	40.00	ng	-0.03
86) Perylene-d12	15.22	264	290022	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1164359	121.71	ng	-0.01
7) Phenol-d6	6.36	99	1449366	112.47	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1102162	89.15	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	431498	143.34	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1832937	97.64	ng	-0.03
78) Terphenyl-d14	12.81	244	1589235	85.43	ng	-0.03

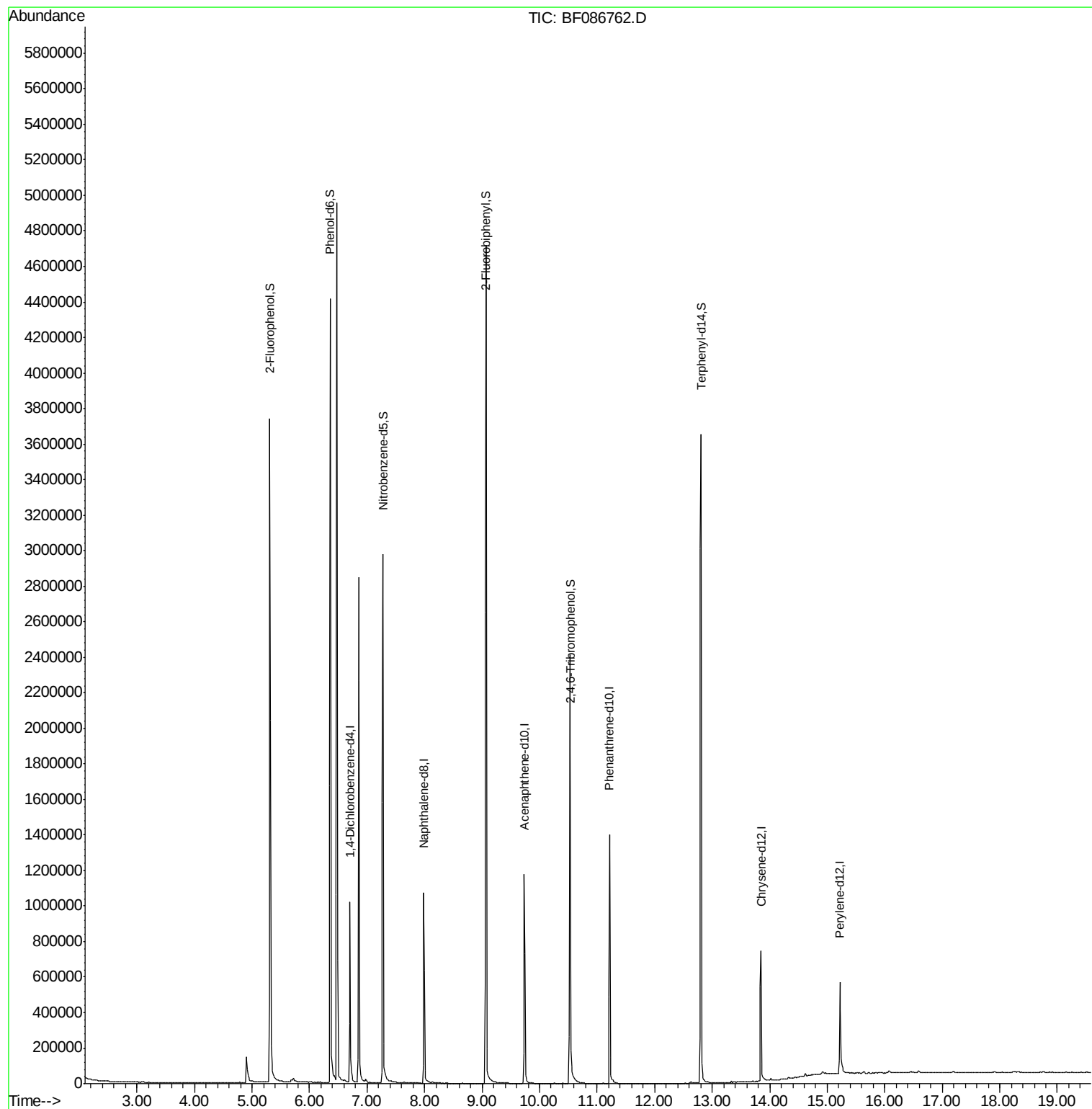
Target Compounds	Qvalue
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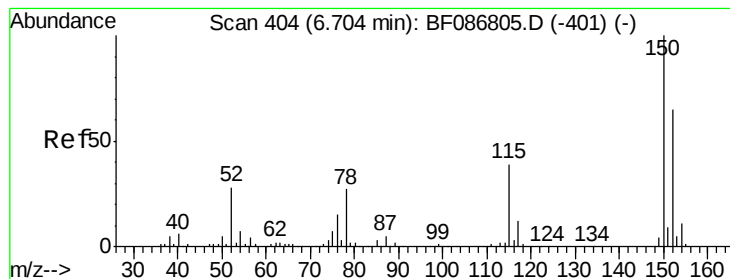
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF086762.D

Acq: 7 May 2016 9:29

Instrument :

BNA_F

ClientSampleId :

PB90333BL

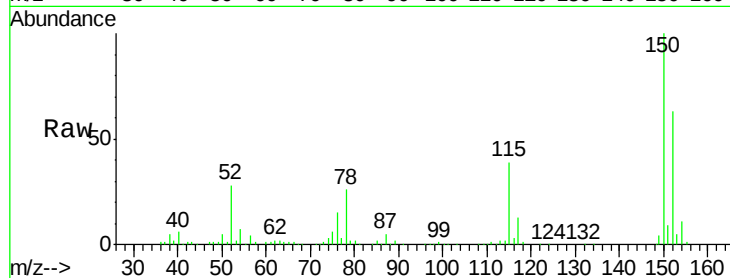
Tgt Ion:152 Resp: 158380

Ion Ratio Lower Upper

152 100

150 158.0 125.8 188.6

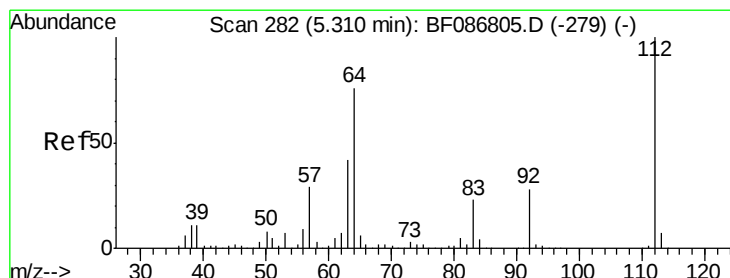
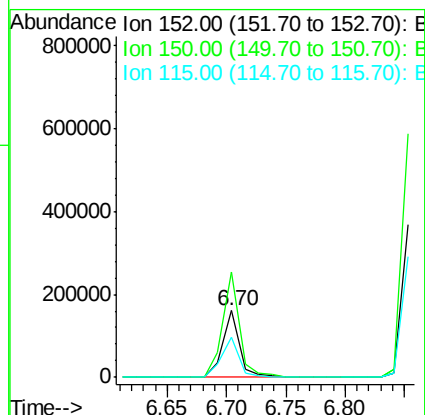
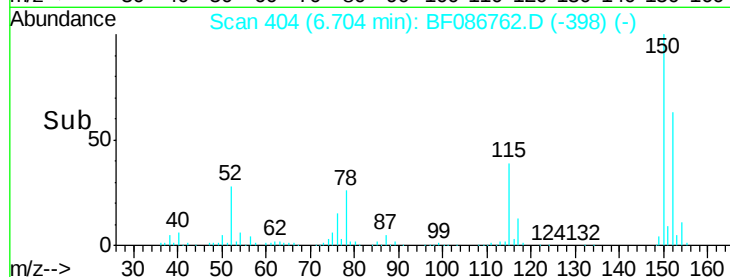
115 61.0 51.5 77.3



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: 121.71 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086762.D

Acq: 7 May 2016 9:29

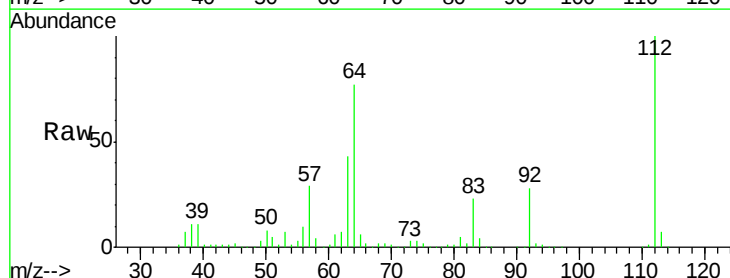
Tgt Ion:112 Resp: 1164359

Ion Ratio Lower Upper

112 100

64 77.4 52.1 78.1

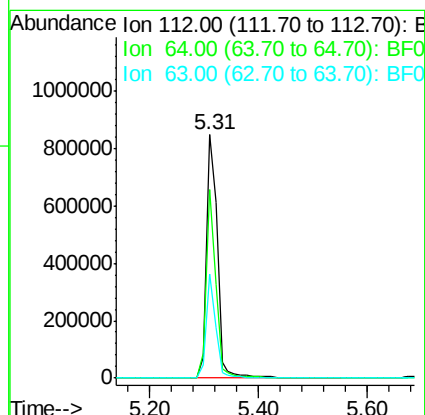
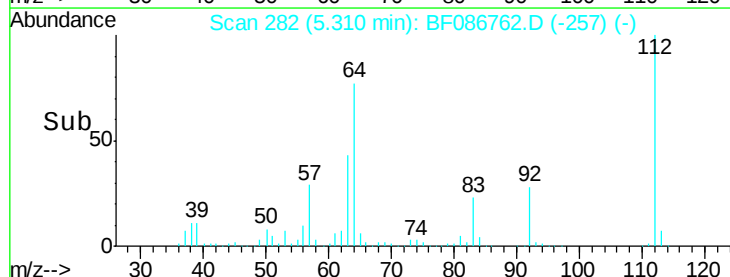
63 42.7 25.7 38.5

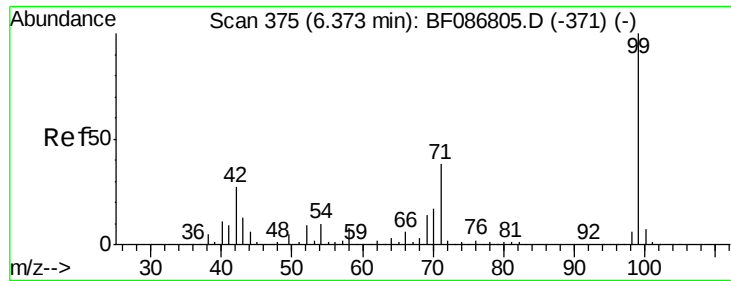


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.47 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086762.D

Acq: 7 May 2016 9:29

Instrument :

BNA_F

ClientSampleId :

PB90333BL

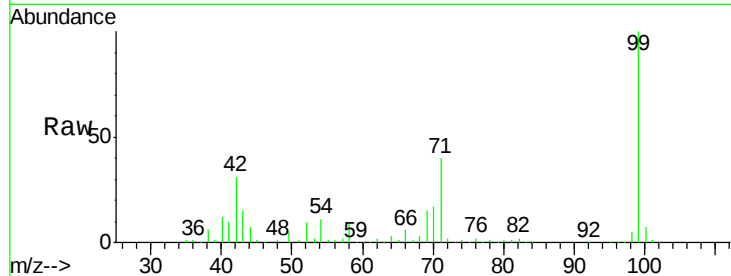
Tgt Ion: 99 Resp: 1449366

Ion Ratio Lower Upper

99 100

42 30.9 13.6 20.4#

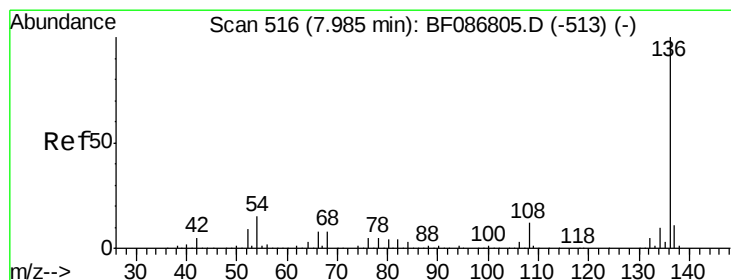
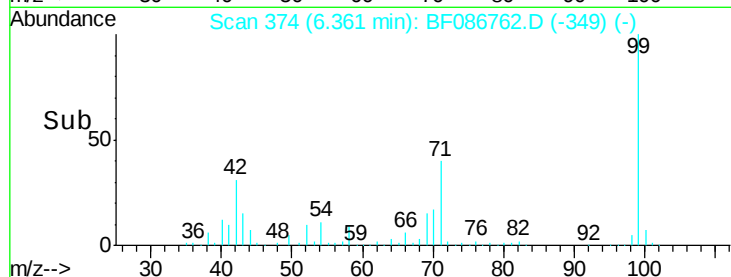
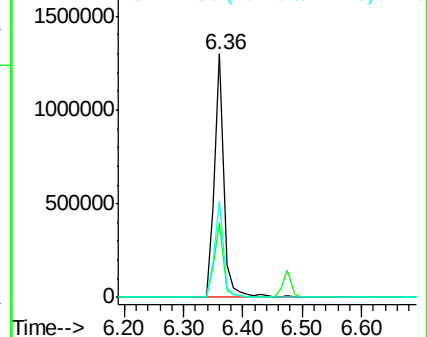
71 39.6 24.6 36.8#



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: 7.98 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF086762.D

Acq: 7 May 2016 9:29

Tgt Ion: 136 Resp: 635335

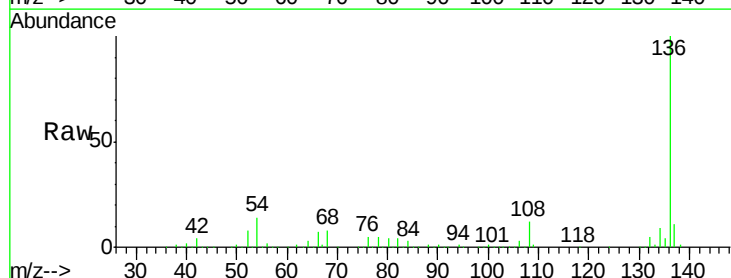
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.1 5.0 7.4#

68 7.8 4.4 6.6#

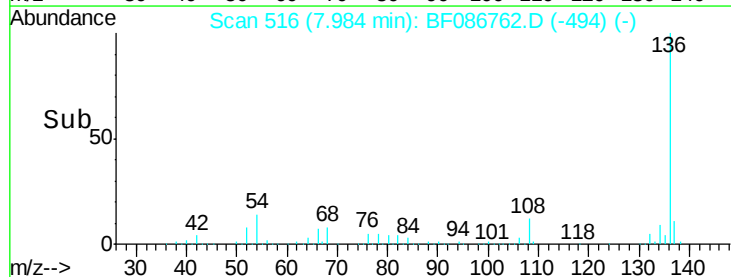
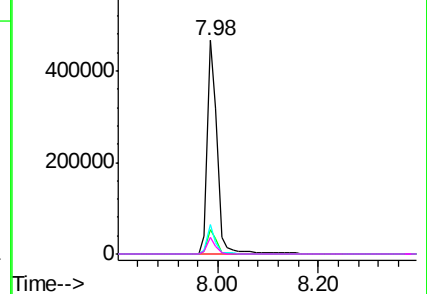


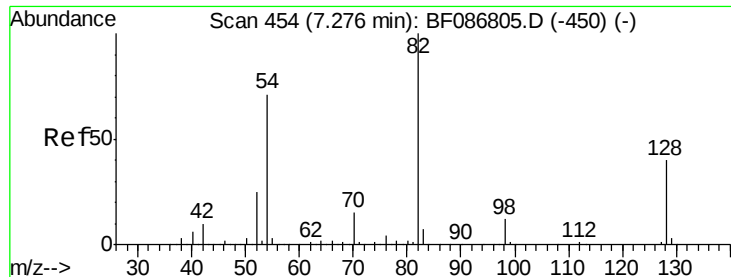
Abundance Ion 136.00 (135.70 to 136.70): E

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

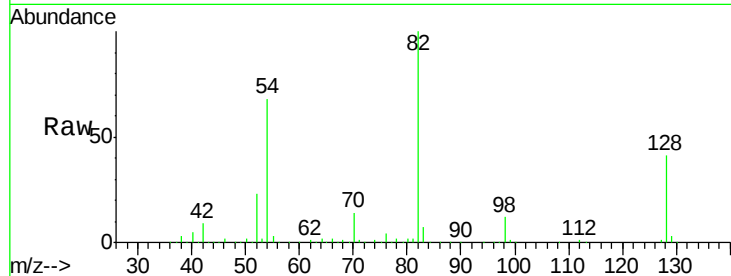




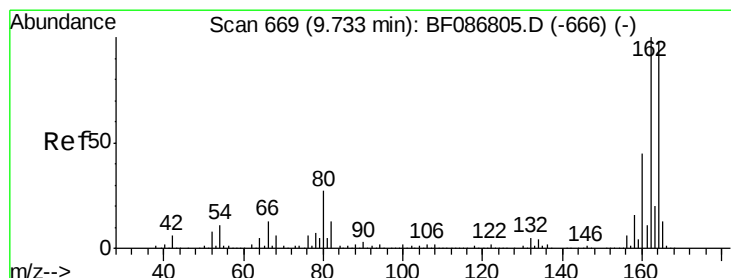
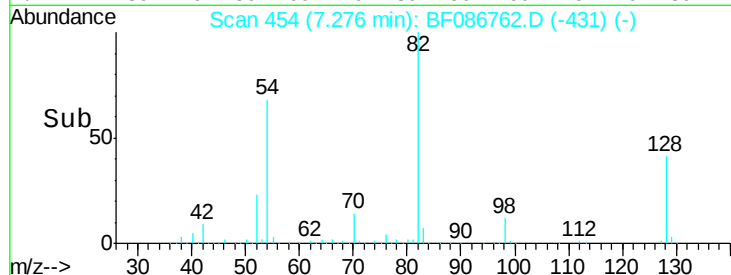
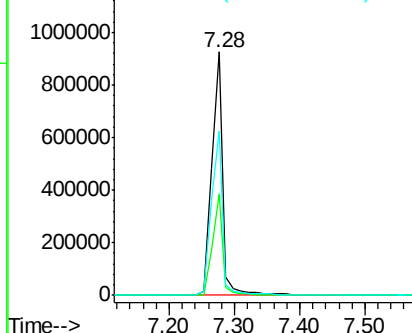
#23
Nitrobenzene-d5
Concen: 89.15 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086762.D
Acq: 7 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
PB90333BL

Tgt Ion: 82 Resp: 1102162
Ion Ratio Lower Upper
82 100
128 41.5 40.6 61.0
54 67.6 38.1 57.1#

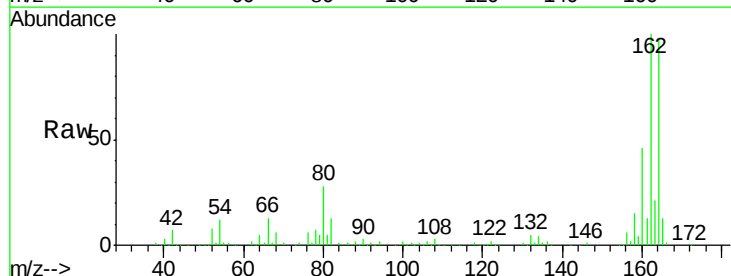


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

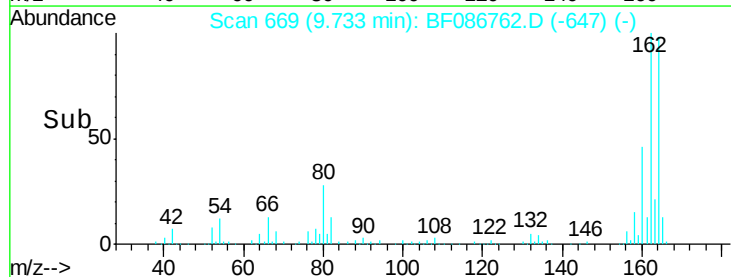
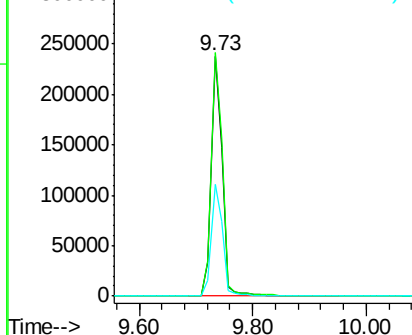


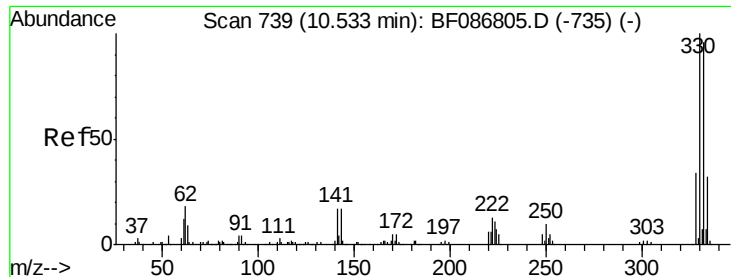
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086762.D
Acq: 7 May 2016 9:29

Tgt Ion: 164 Resp: 307722
Ion Ratio Lower Upper
164 100
162 101.5 82.8 124.2
160 46.8 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

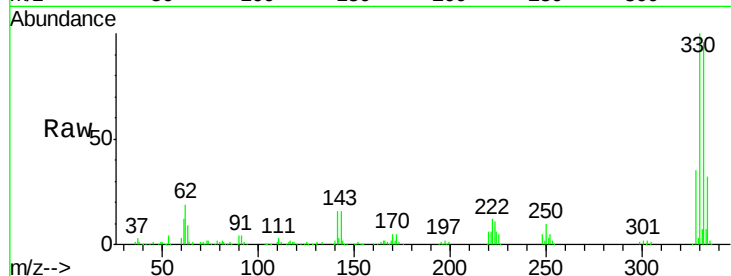




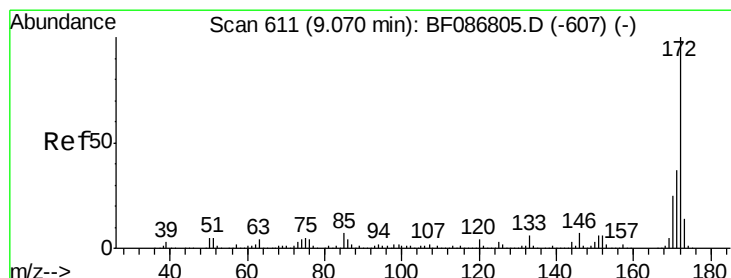
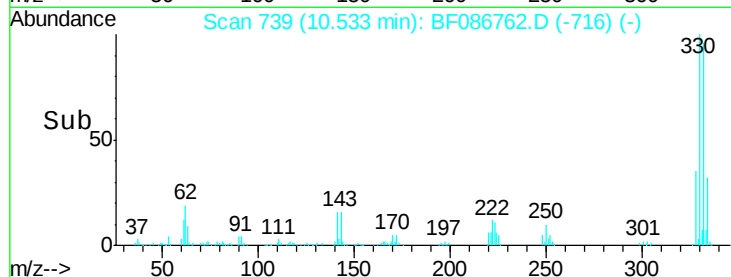
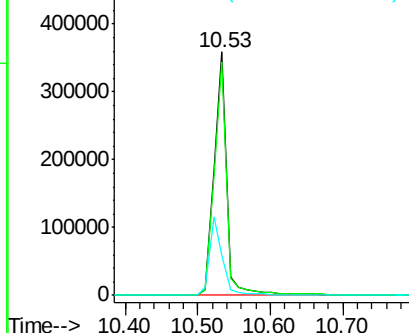
#41
 2,4,6-Tribromophenol
 Concen: 143.34 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086762.D
 Acq: 7 May 2016 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB90333BL

Tgt Ion:330 Resp: 431498
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 33.9 31.2 46.8

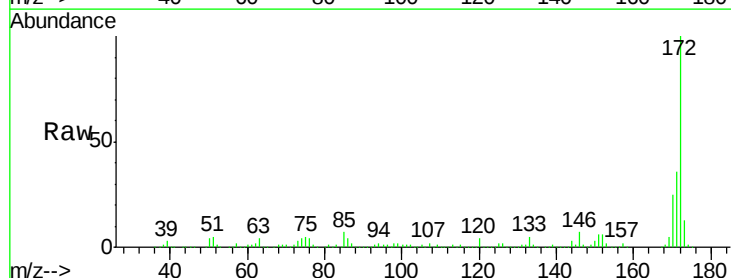


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

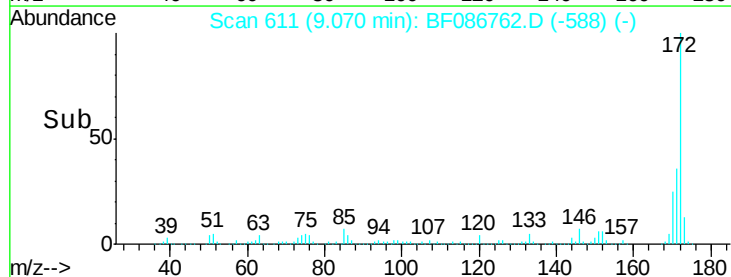
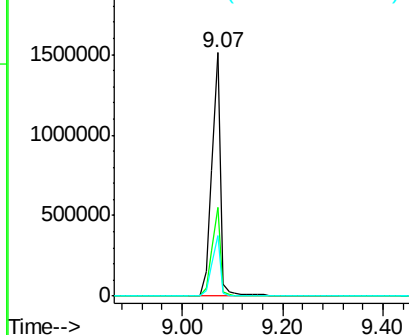


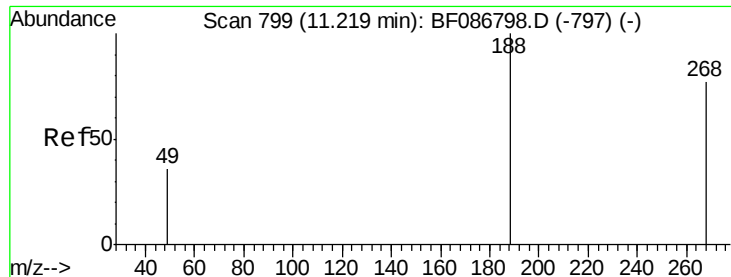
#44
 2-Fluorobiphenyl
 Concen: 97.64 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086762.D
 Acq: 7 May 2016 9:29

Tgt Ion:172 Resp: 1832937
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.8 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

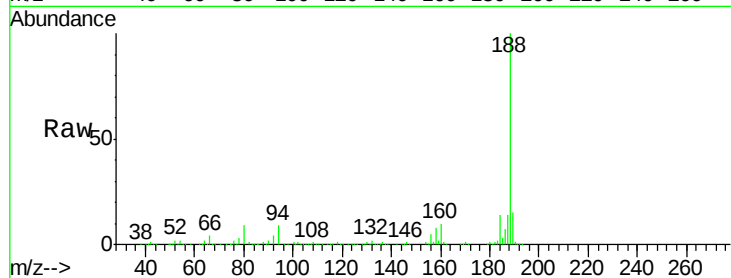




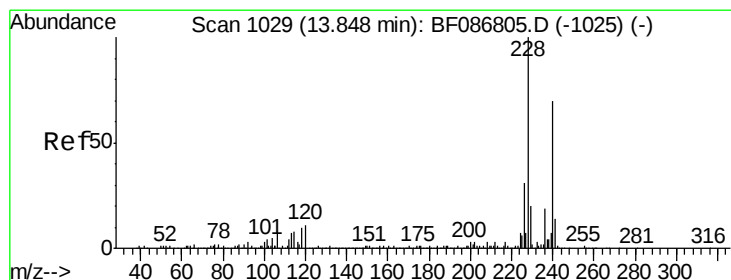
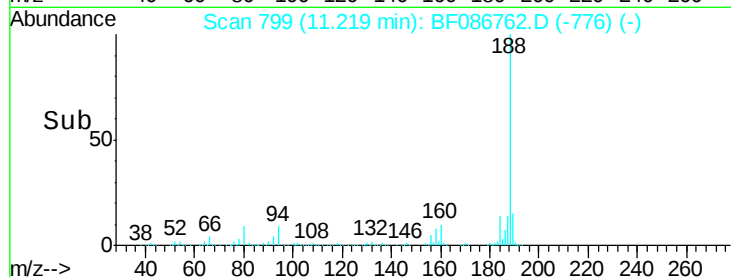
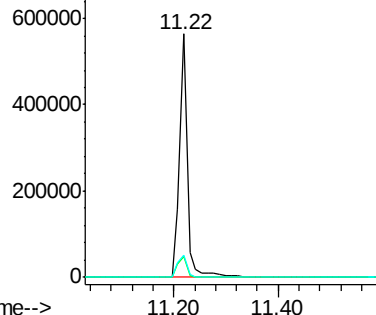
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086762.D
Acq: 7 May 2016 9:29

Instrument :
BNA_F
ClientSampleId :
PB90333BL

Tgt Ion:188 Resp: 590051
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.1 7.1 10.7

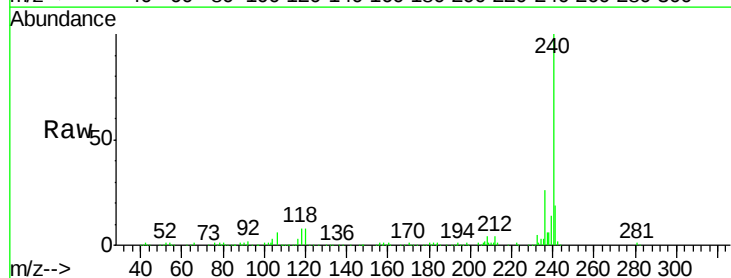


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

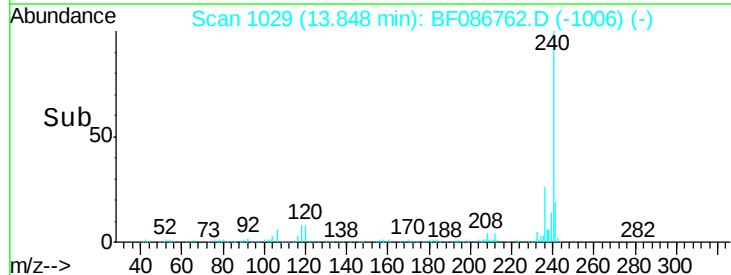
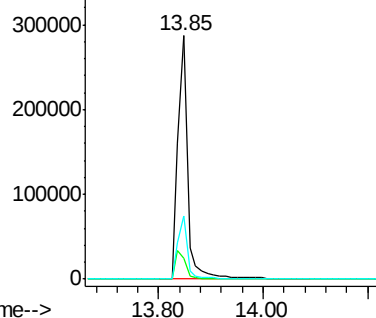


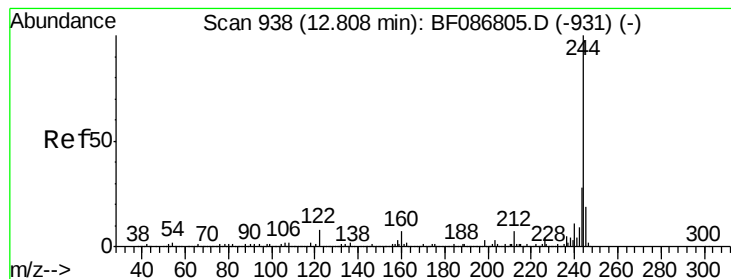
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF086762.D
Acq: 7 May 2016 9:29

Tgt Ion:240 Resp: 375955
Ion Ratio Lower Upper
240 100
120 8.5 11.2 16.8#
236 26.1 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: 85.43 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086762.D

Acq: 7 May 2016 9:29

Instrument :

BNA_F

ClientSampleId :

PB90333BL

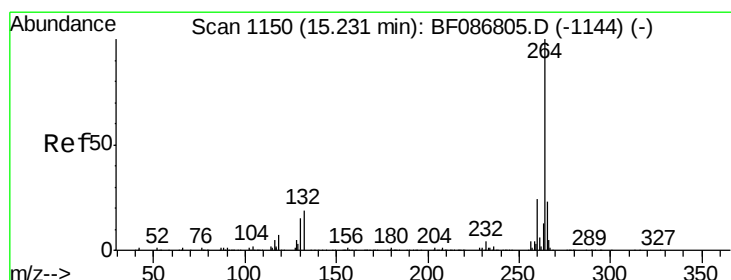
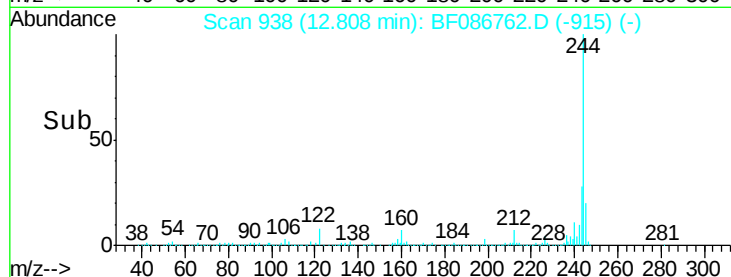
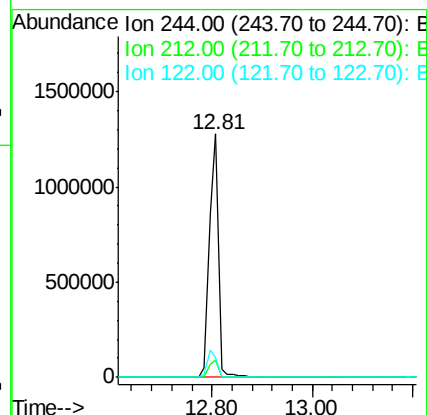
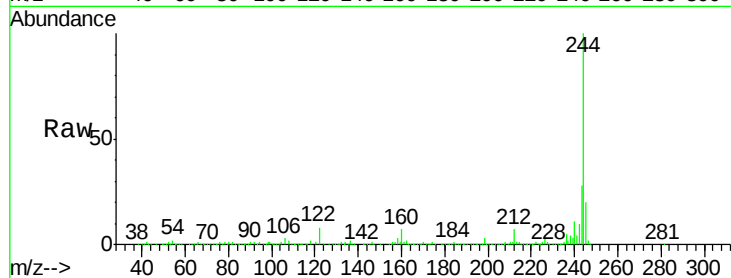
Tgt Ion:244 Resp: 1589235

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

122 8.0 12.0 18.0#



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.05 min

Lab File: BF086762.D

Acq: 7 May 2016 9:29

Tgt Ion:264 Resp: 290022

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 22.0 17.3 25.9

