

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086514.D
 Acq On : 30 Apr 2016 10:45
 Operator : UM/SJ
 Sample : PB90035BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BL

Quant Time: May 01 03:35:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	136435	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	619083	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	293472	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	595774	20.00	ng	0.00
75) Chrysene-d12	13.92	240	540356	20.00	ng	0.00
86) Perylene-d12	15.31	264	403811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1035430	130.90	ng	0.01
7) Phenol-d6	6.41	99	1296608	117.45	ng	0.00
23) Nitrobenzene-d5	7.33	82	926579	80.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	336262	108.65	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1426134	85.06	ng	-0.01
78) Terphenyl-d14	12.88	244	1627257	66.35	ng	0.00

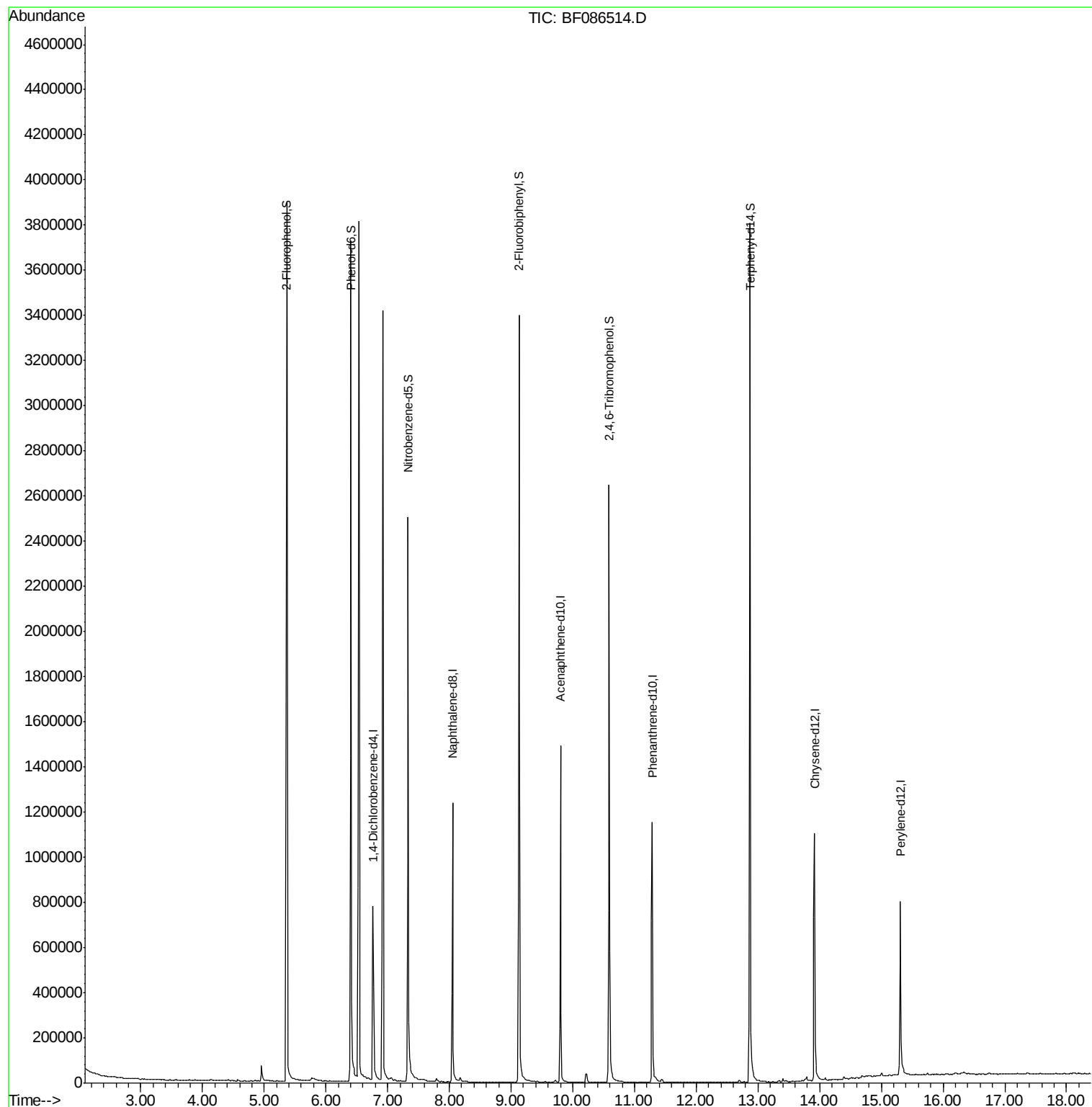
Target Compounds	Qvalue
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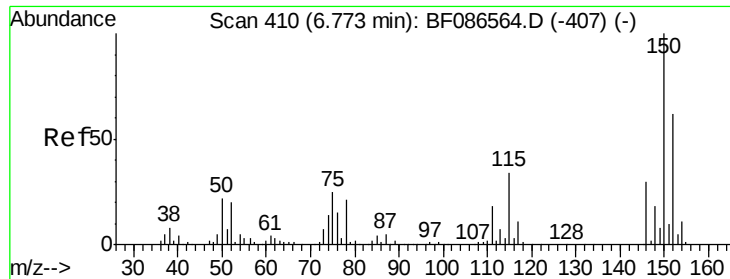
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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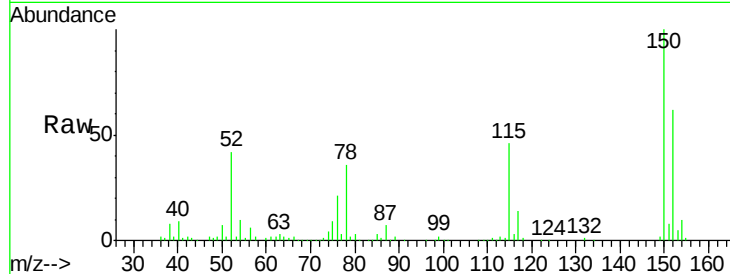


#1

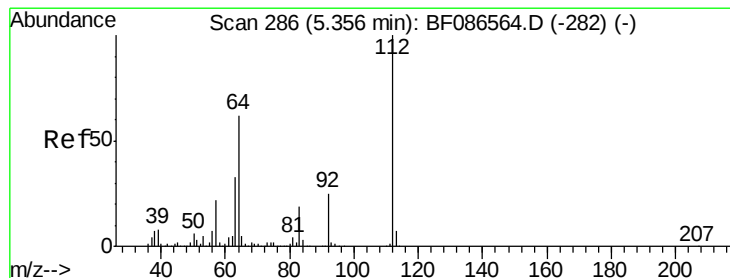
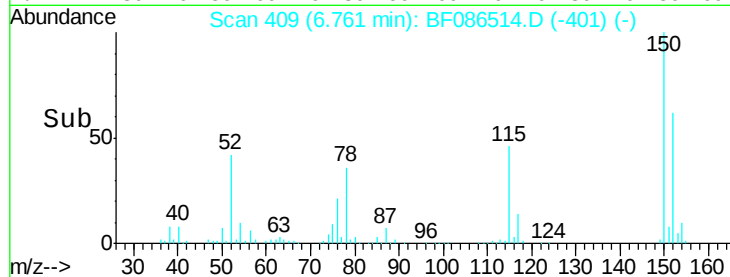
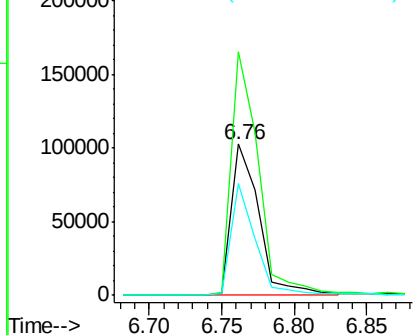
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086514.D
Acq: 30 Apr 2016 10:45

Instrument :
BNA_F
ClientSampleId :
PB90035BL

Tgt Ion:152 Resp: 136435
Ion Ratio Lower Upper
152 100
150 161.2 125.8 188.6
115 74.2 51.5 77.3



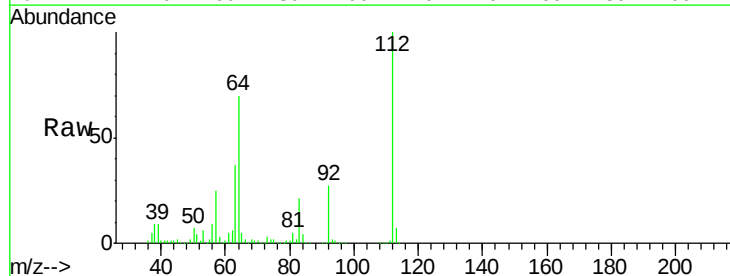
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



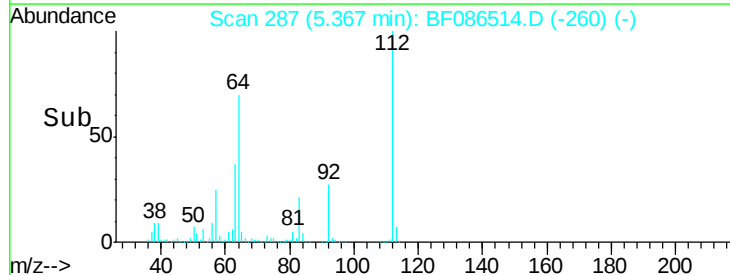
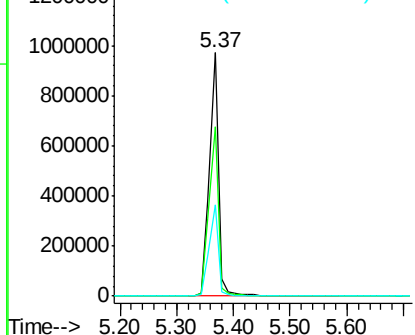
#5

2-Fluorophenol
Concen: 130.90 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF086514.D
Acq: 30 Apr 2016 10:45

Tgt Ion:112 Resp: 1035430
Ion Ratio Lower Upper
112 100
64 69.7 52.1 78.1
63 37.3 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: 117.45 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF086514.D

Acq: 30 Apr 2016 10:45

Instrument :

BNA_F

ClientSampleId :

PB90035BL

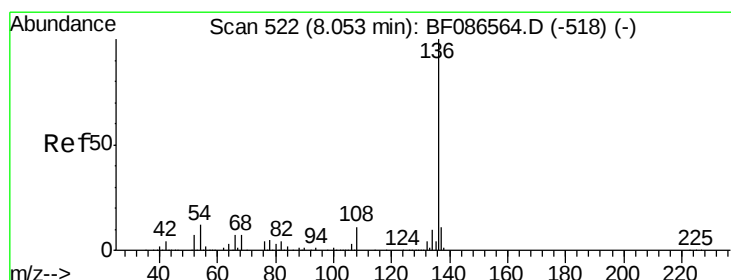
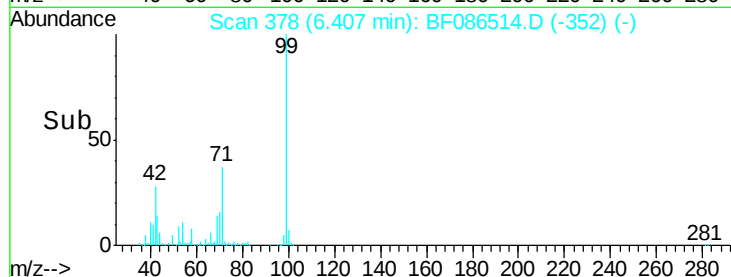
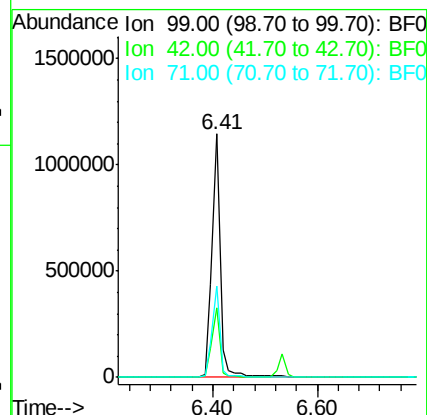
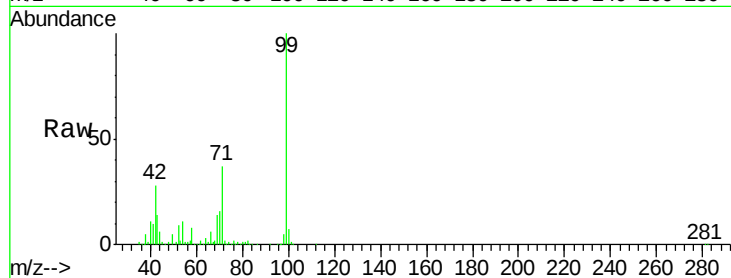
Tgt Ion: 99 Resp: 1296608

Ion Ratio Lower Upper

99 100

42 28.4 13.6 20.4#

71 37.3 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086514.D

Acq: 30 Apr 2016 10:45

Tgt Ion: 136 Resp: 619083

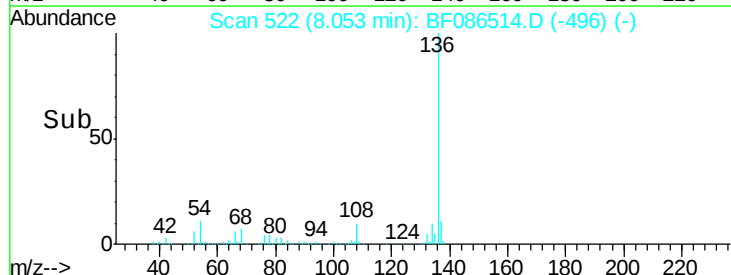
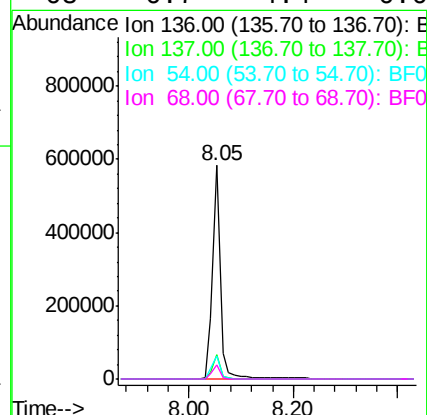
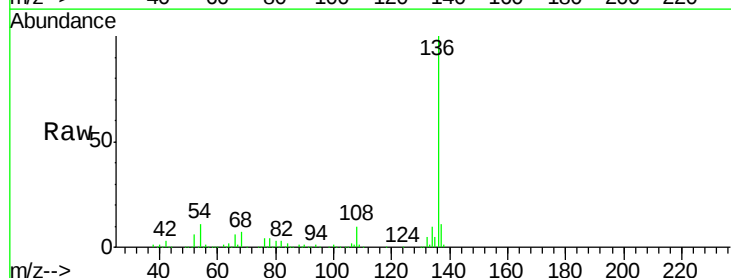
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.8 5.0 7.4#

68 6.7 4.4 6.6#

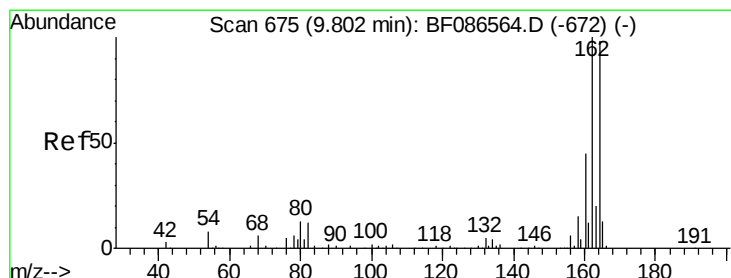
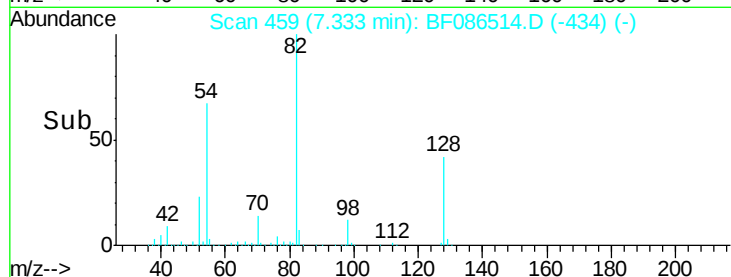
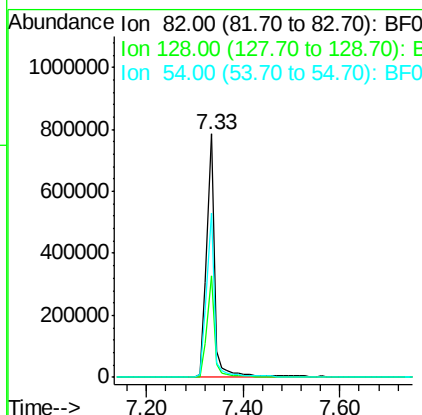
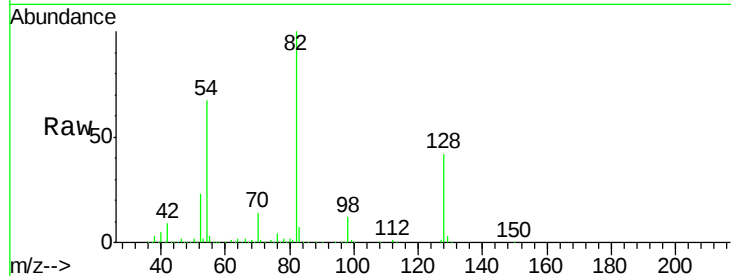




#23
 Nitrobenzene-d5
 Concen: 80.67 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086514.D
 Acq: 30 Apr 2016 10:45

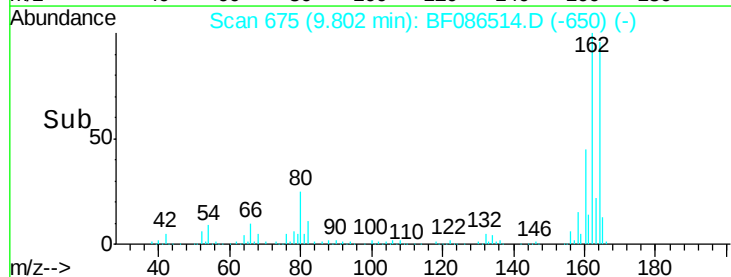
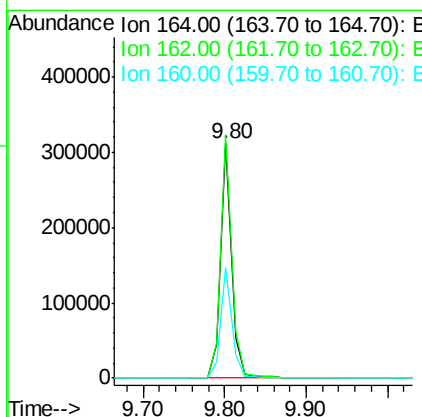
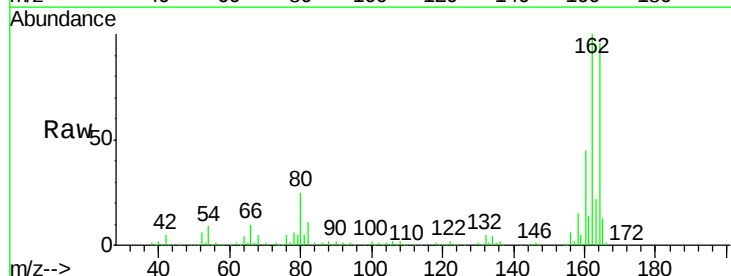
Instrument :
 BNA_F
 ClientSampleID :
 PB90035BL

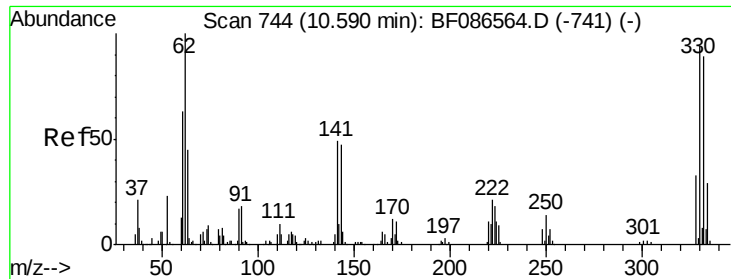
Tgt Ion: 82 Resp: 926579
 Ion Ratio Lower Upper
 82 100
 128 41.7 40.6 61.0
 54 67.4 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086514.D
 Acq: 30 Apr 2016 10:45

Tgt Ion: 164 Resp: 293472
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.8 124.2
 160 47.0 36.9 55.3

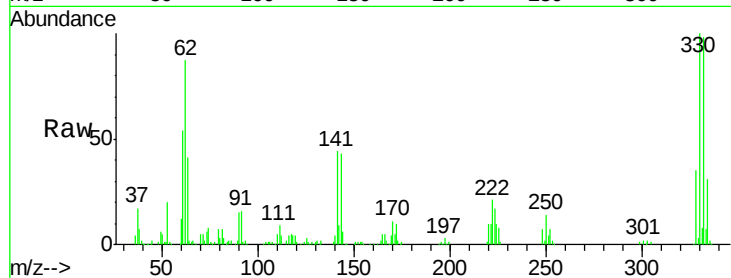




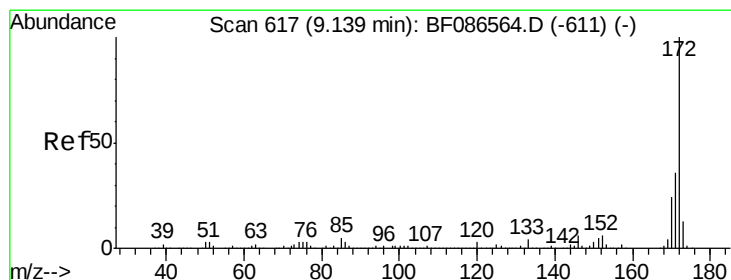
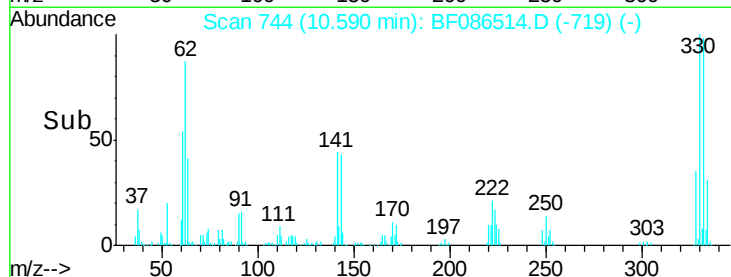
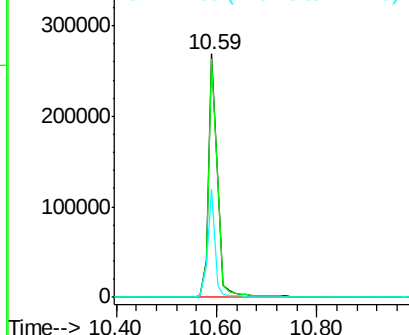
#41
 2,4,6-Tribromophenol
 Concen: 108.65 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086514.D
 Acq: 30 Apr 2016 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BL

Tgt Ion:330 Resp: 336262
 Ion Ratio Lower Upper
 330 100
 332 97.8 79.0 118.4
 141 38.2 31.2 46.8

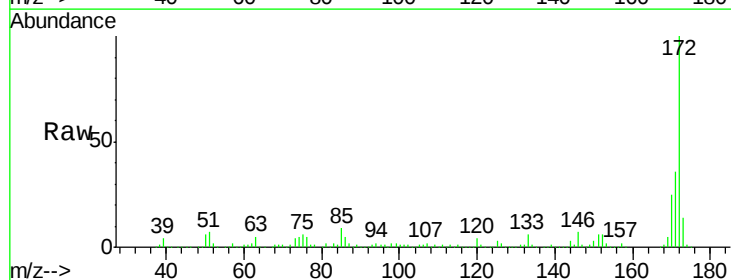


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

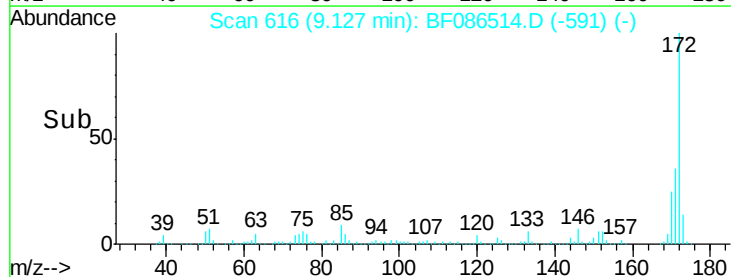
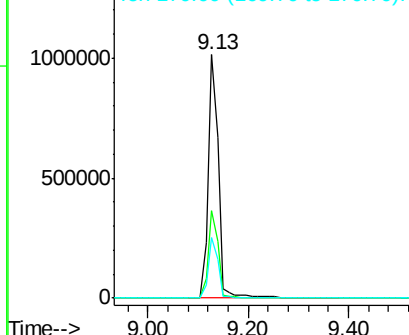


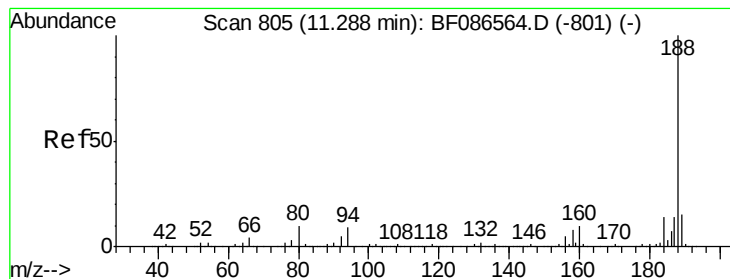
#44
 2-Fluorobiphenyl
 Concen: 85.06 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086514.D
 Acq: 30 Apr 2016 10:45

Tgt Ion:172 Resp: 1426134
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.7 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: 11.29 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF086514.D

Acq: 30 Apr 2016 10:45

Instrument :

BNA_F

ClientSampleId :

PB90035BL

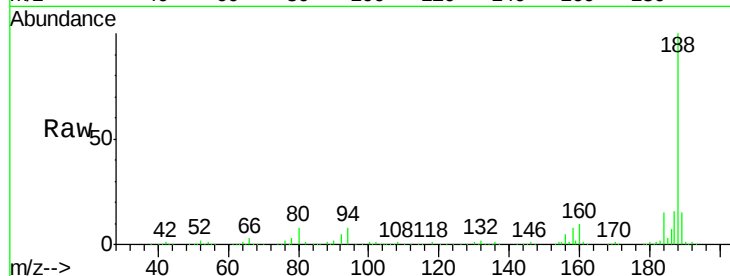
Tgt Ion:188 Resp: 595774

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

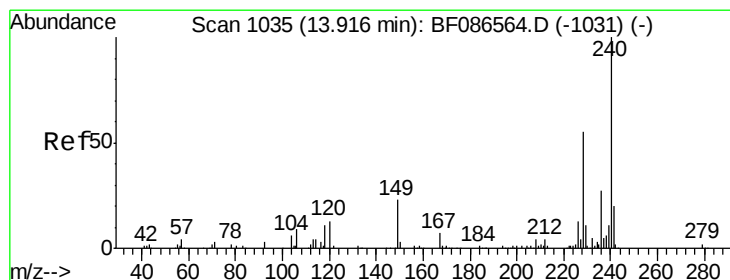
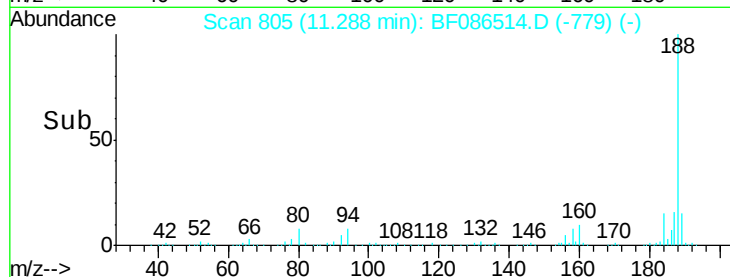
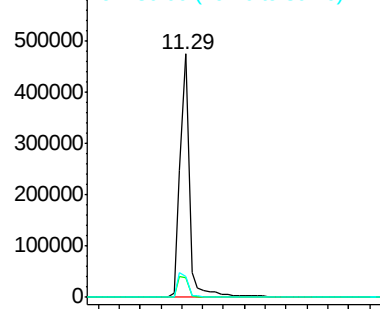
80 8.3 7.1 10.7



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: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086514.D

Acq: 30 Apr 2016 10:45

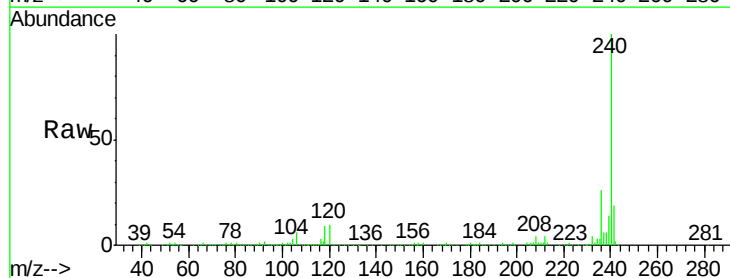
Tgt Ion:240 Resp: 540356

Ion Ratio Lower Upper

240 100

120 9.6 11.2 16.8#

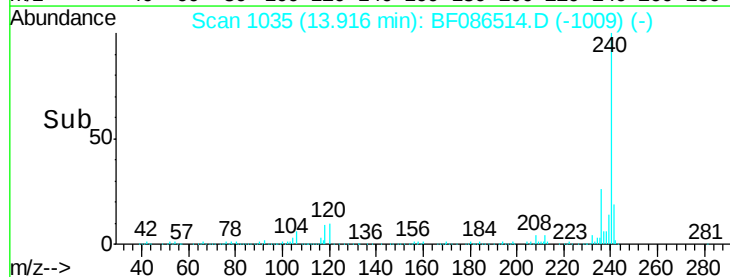
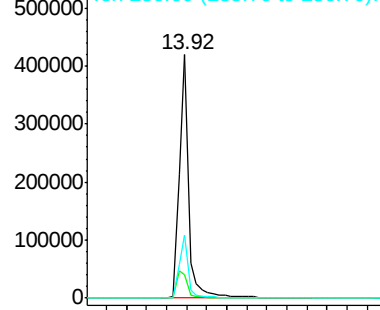
236 26.0 21.2 31.8

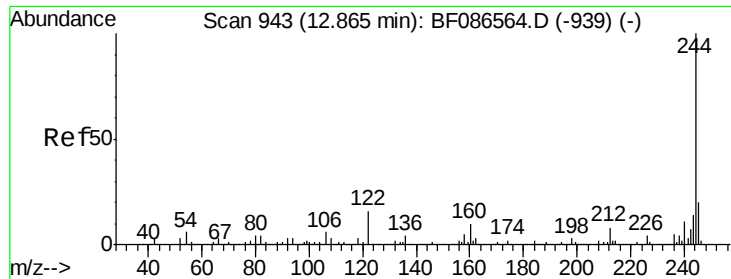


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

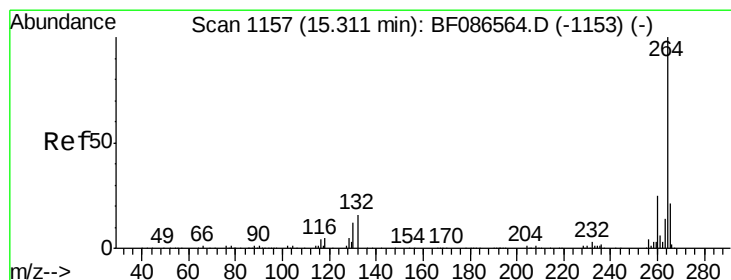
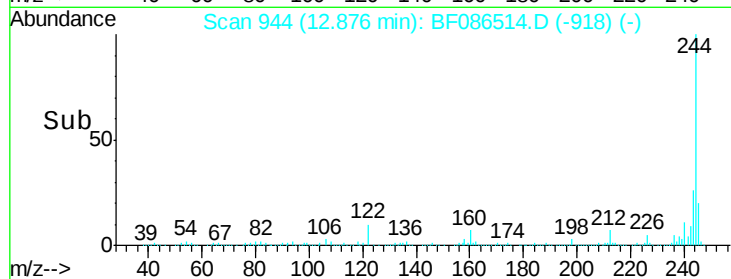
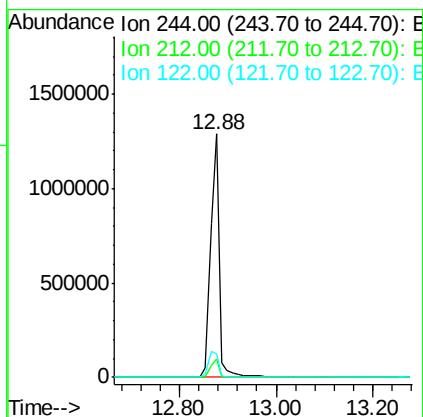
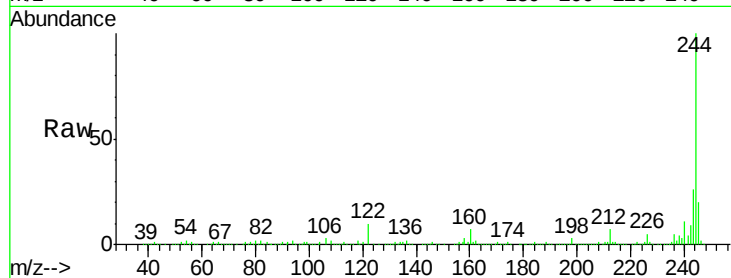




#78
 Terphenyl-d14
 Concen: 66.35 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086514.D
 Acq: 30 Apr 2016 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BL

Tgt Ion:244 Resp: 1627257
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.8 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086514.D
 Acq: 30 Apr 2016 10:45

Tgt Ion:264 Resp: 403811
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.5 29.3
 265 21.3 17.3 25.9

