

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087315.D
 Acq On : 23 May 2016 23:24
 Operator : UM/SJ
 Sample : PB90822BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BL

Quant Time: May 24 02:12:28 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	123585	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	517358	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	248779	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	506900	20.00	ng	0.00
75) Chrysene-d12	18.56	240	431216	20.00	ng	0.00
86) Perylene-d12	20.22	264	353481	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	945162	134.39	ng	0.01
7) Phenol-d6	7.14	99	1280419	134.73	ng	-0.02
23) Nitrobenzene-d5	8.52	82	859843	83.76	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	319221	133.53	ng	-0.01
44) 2-Fluorobiphenyl	11.42	172	1487813	84.31	ng	-0.01
78) Terphenyl-d14	17.21	244	1552155	76.53	ng	-0.01

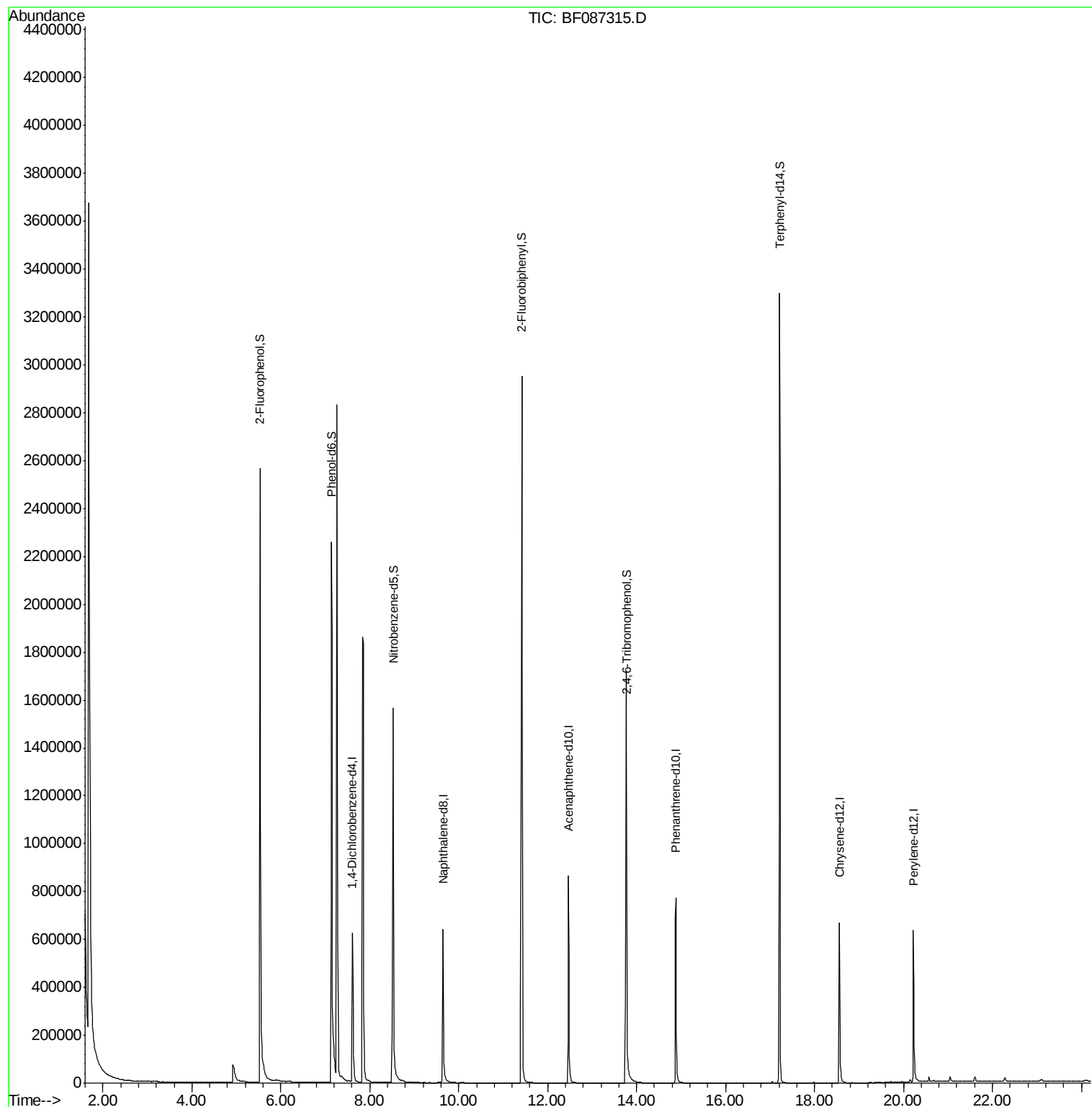
Target Compounds	Qvalue
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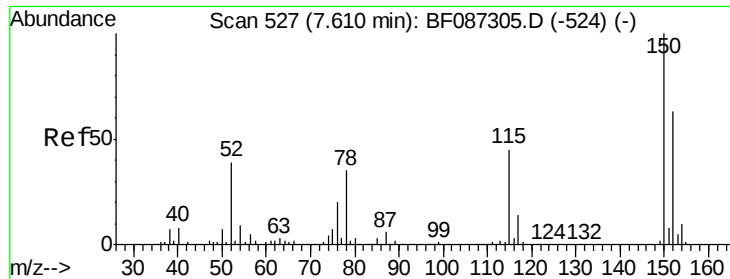
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087315.D

Acq: 23 May 2016 23:24

Instrument :

BNA_F

ClientSampleId :

PB90822BL

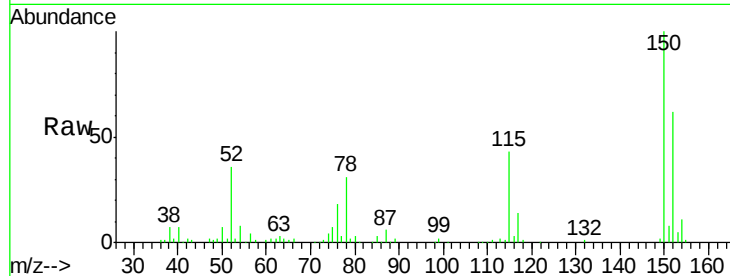
Tgt Ion:152 Resp: 123585

Ion Ratio Lower Upper

152 100

150 161.6 125.8 188.6

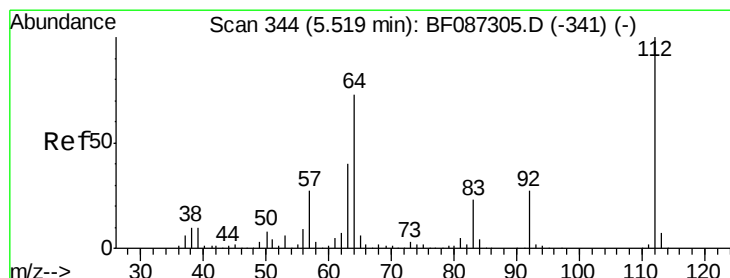
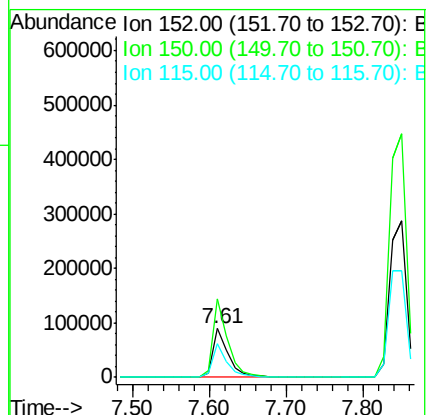
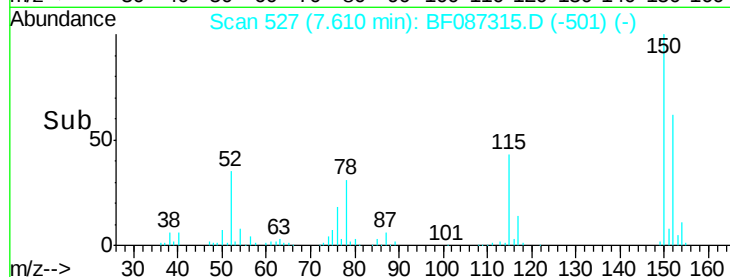
115 69.0 51.5 77.3



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: 134.39 ng

RT: 5.53 min Scan# 345

Delta R.T. 0.01 min

Lab File: BF087315.D

Acq: 23 May 2016 23:24

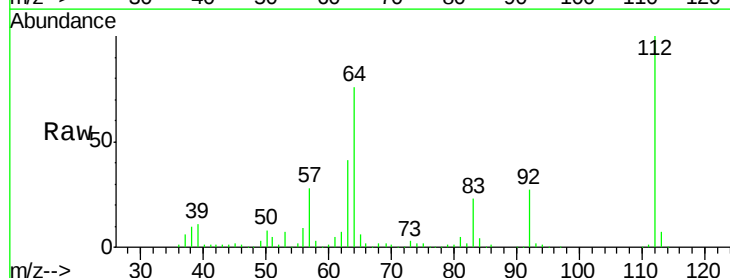
Tgt Ion:112 Resp: 945162

Ion Ratio Lower Upper

112 100

64 75.7 52.1 78.1

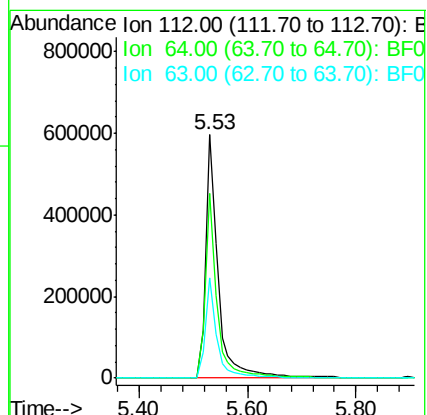
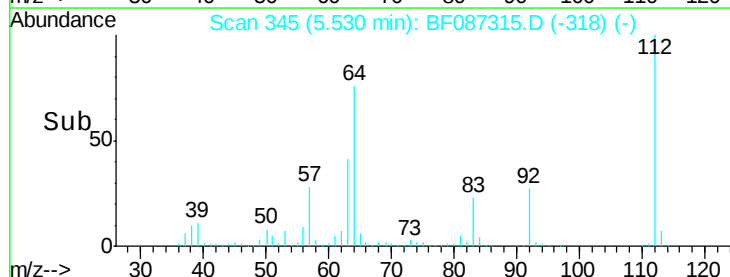
63 41.3 25.7 38.5#

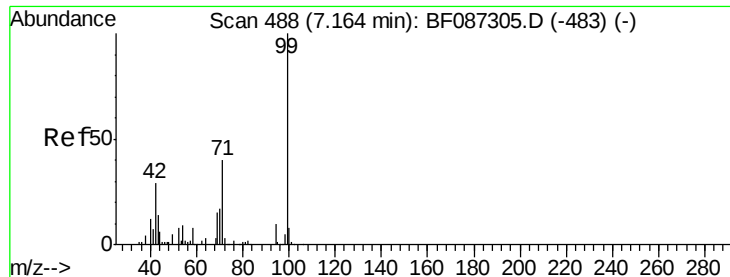


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.73 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.02 min

Lab File: BF087315.D

Acq: 23 May 2016 23:24

Instrument :

BNA_F

ClientSampleId :

PB90822BL

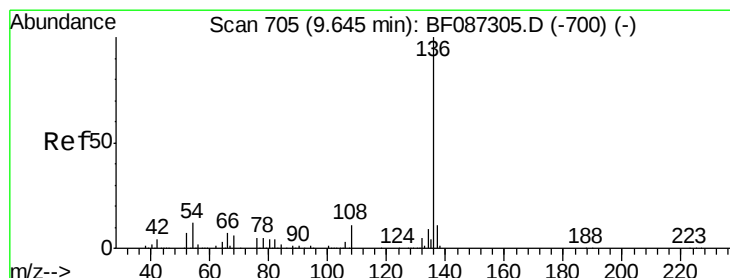
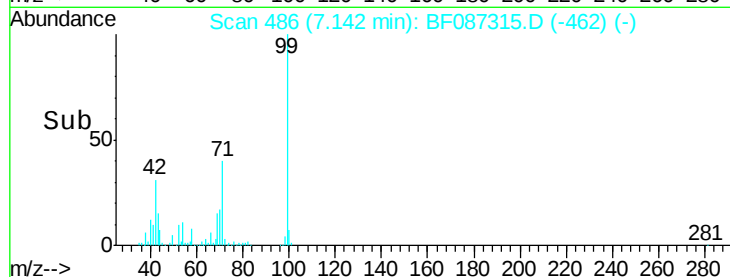
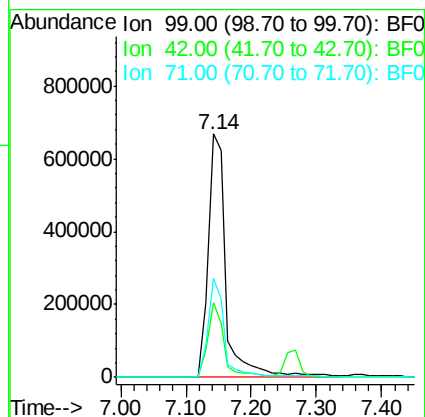
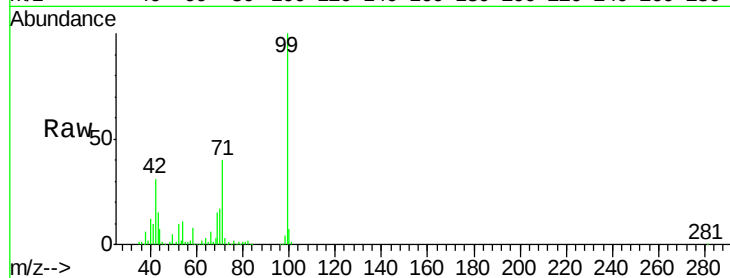
Tgt Ion: 99 Resp: 1280419

Ion Ratio Lower Upper

99 100

42 30.7 13.6 20.4#

71 40.4 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087315.D

Acq: 23 May 2016 23:24

Tgt Ion: 136 Resp: 517358

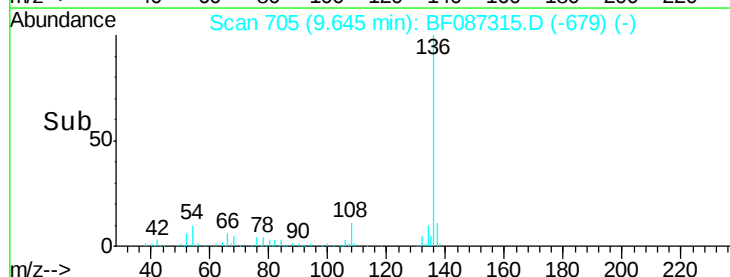
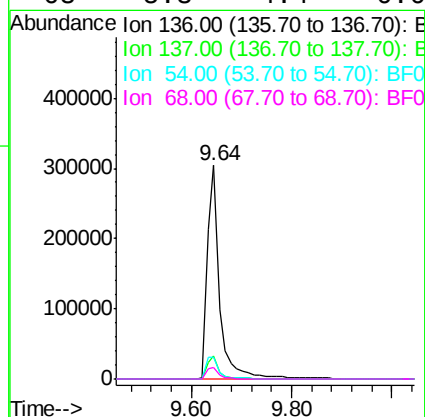
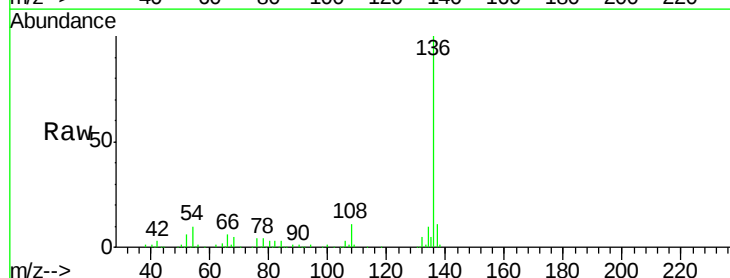
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 10.2 5.0 7.4#

68 5.3 4.4 6.6

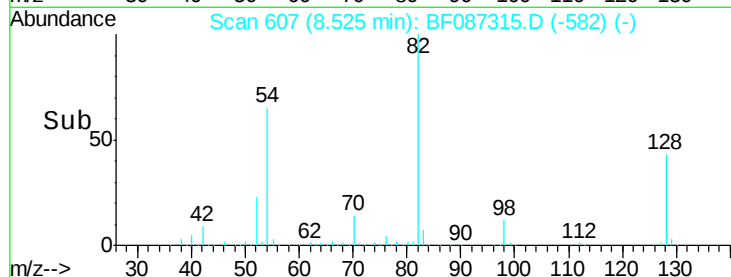
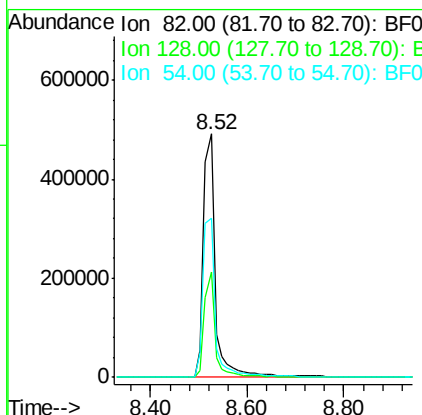
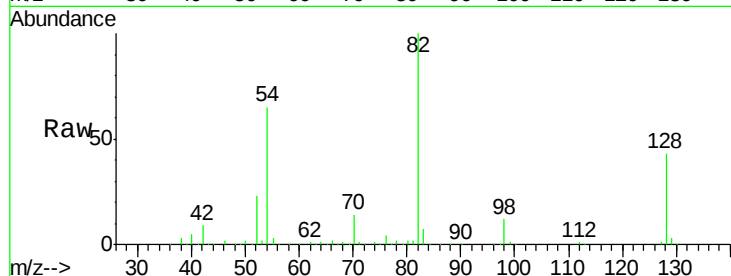




#23
 Nitrobenzene-d5
 Concen: 83.76 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087315.D
 Acq: 23 May 2016 23:24

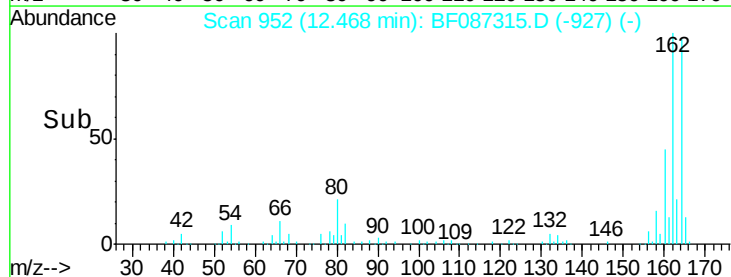
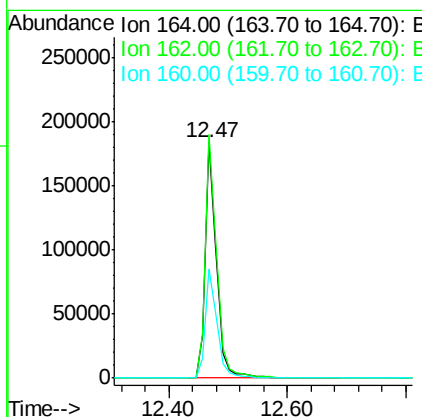
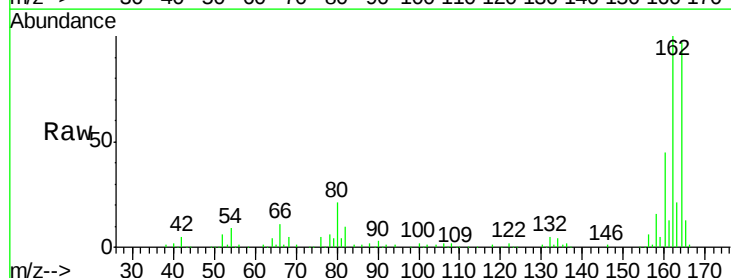
Instrument :
 BNA_F
 ClientSampleId :
 PB90822BL

Tgt Ion: 82 Resp: 859843
 Ion Ratio Lower Upper
 82 100
 128 43.4 40.6 61.0
 54 65.3 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: BF087315.D
 Acq: 23 May 2016 23:24

Tgt Ion: 164 Resp: 248779
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.8 124.2
 160 46.6 36.9 55.3

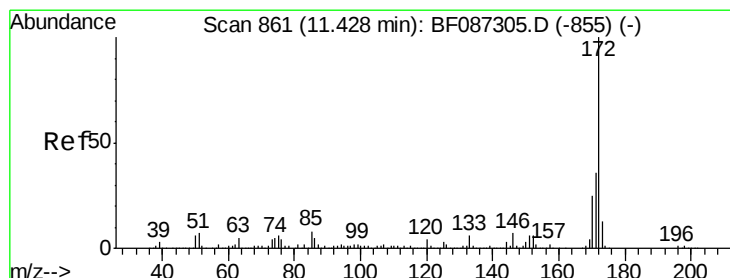
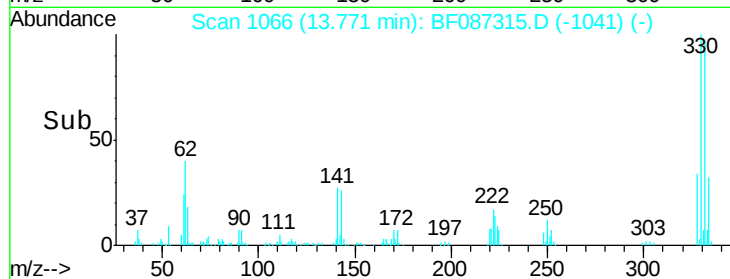
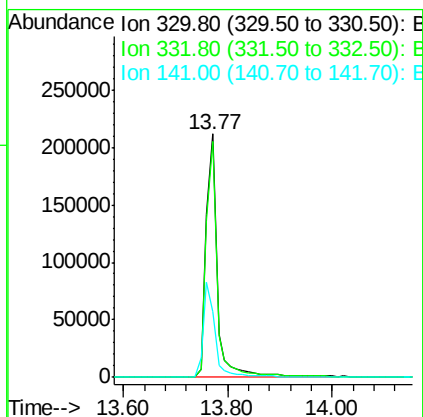
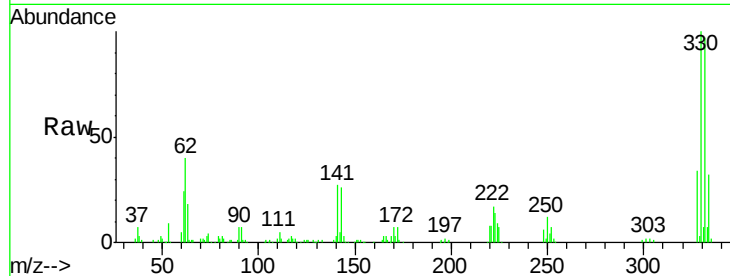




#41
 2,4,6-Tribromophenol
 Concen: 133.53 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087315.D
 Acq: 23 May 2016 23:24

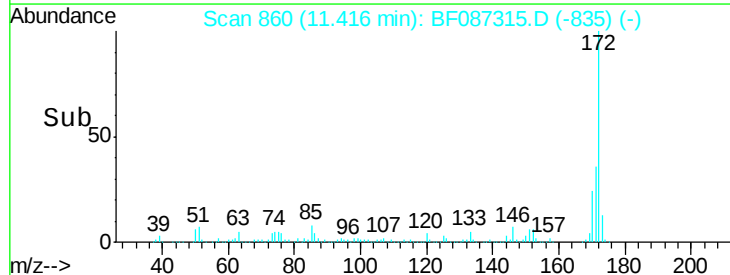
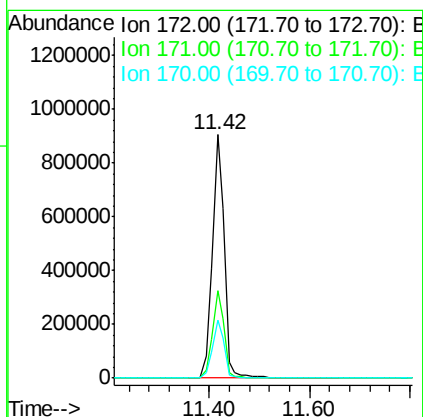
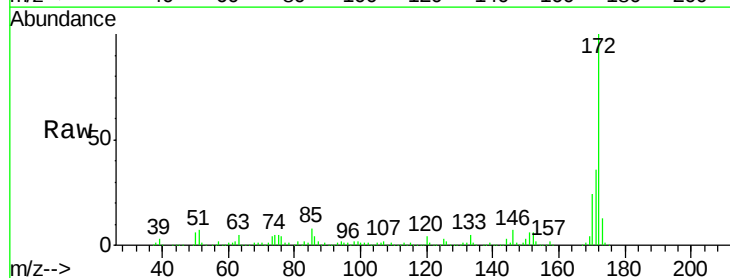
Instrument :
 BNA_F
 ClientSampled :
 PB90822BL

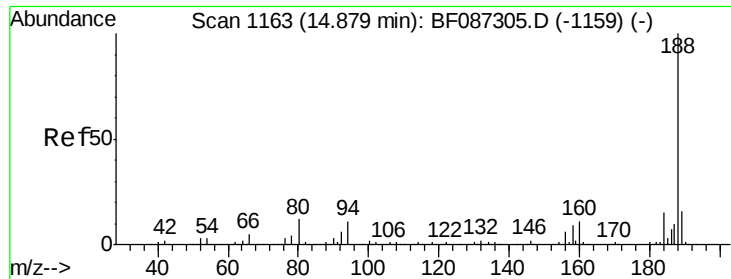
Tgt Ion:330 Resp: 319221
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 40.6 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 84.31 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF087315.D
 Acq: 23 May 2016 23:24

Tgt Ion:172 Resp: 1487813
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 23.9 19.8 29.8

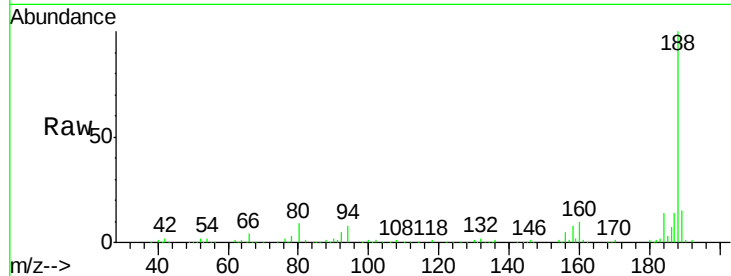




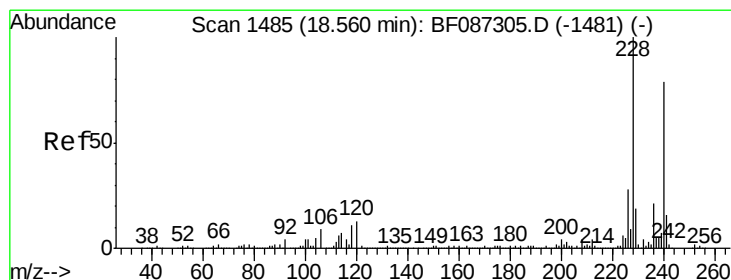
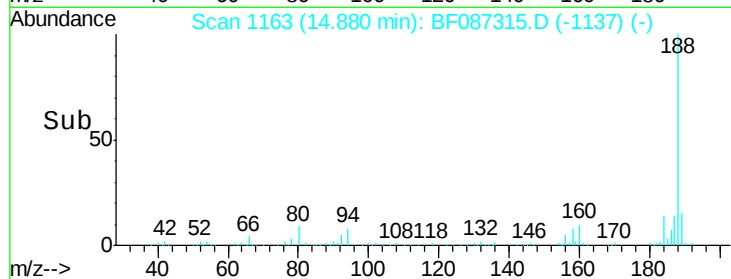
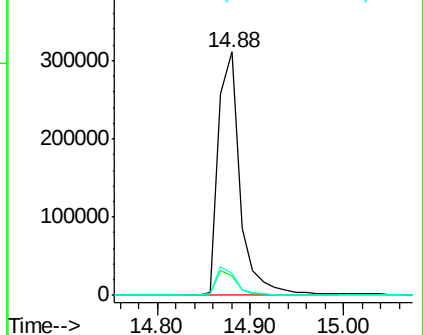
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087315.D
Acq: 23 May 2016 23:24

Instrument :
BNA_F
ClientSampleId :
PB90822BL

Tgt Ion:188 Resp: 506900
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.0 7.1 10.7

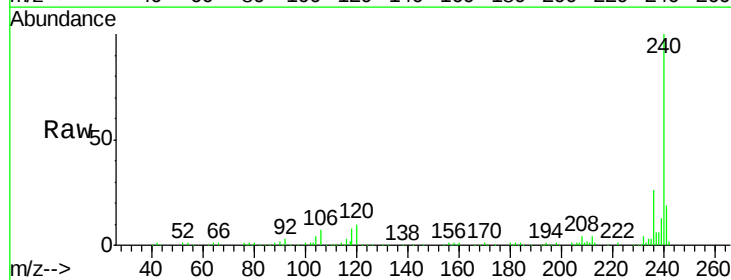


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

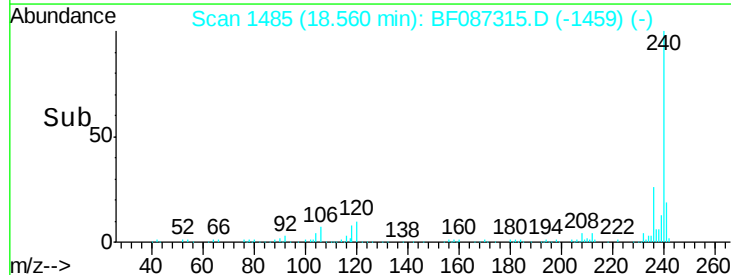
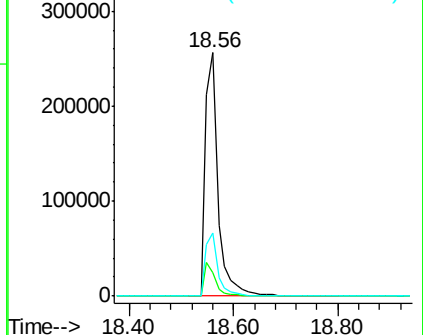


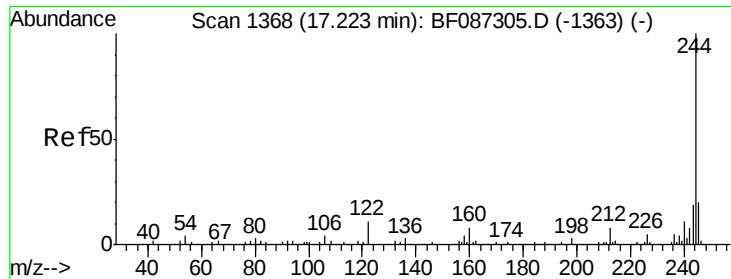
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.56 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF087315.D
Acq: 23 May 2016 23:24

Tgt Ion:240 Resp: 431216
Ion Ratio Lower Upper
240 100
120 9.5 11.2 16.8#
236 25.9 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

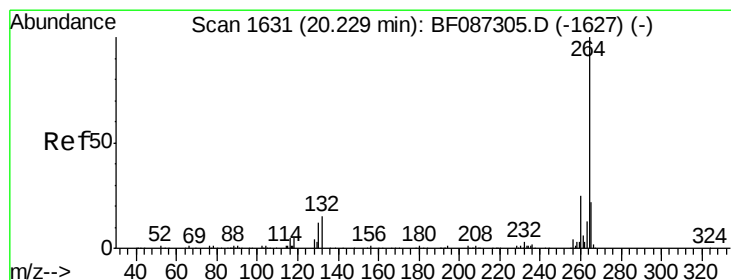
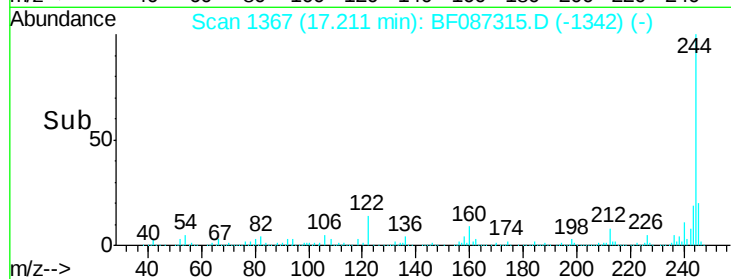
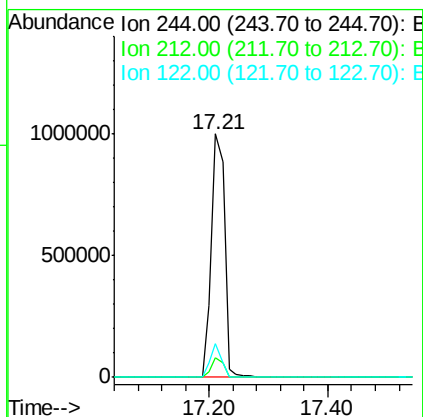
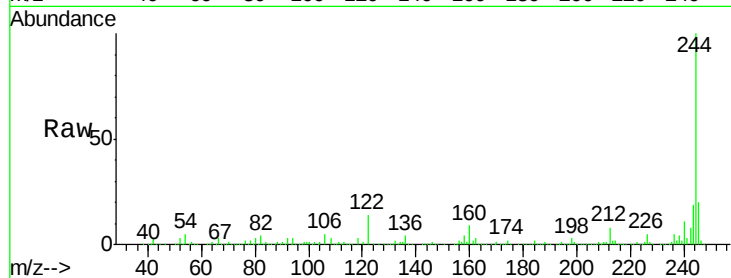




#78
 Terphenyl-d14
 Concen: 76.53 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF087315.D
 Acq: 23 May 2016 23:24

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BL

Tgt Ion:244 Resp: 1552155
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 14.1 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.22 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF087315.D
 Acq: 23 May 2016 23:24

Tgt Ion:264 Resp: 353481
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.6 17.3 25.9

