

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087387.D
 Acq On : 26 May 2016 00:12
 Operator : UM/SJ
 Sample : PB90852BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BL

Quant Time: May 26 04:25:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	104902	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	424174	20.00	ng	-0.01
38) Acenaphthene-d10	12.38	164	189343	20.00	ng	-0.01
63) Phenanthrene-d10	14.77	188	319286	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	242278	20.00	ng	-0.01
86) Perylene-d12	20.14	264	165606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	867757	145.35	ng	0.01
7) Phenol-d6	7.06	99	1106011	137.11	ng	-0.01
23) Nitrobenzene-d5	8.43	82	777784	92.41	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	218301	119.98	ng	-0.01
44) 2-Fluorobiphenyl	11.32	172	1251641	93.19	ng	-0.01
78) Terphenyl-d14	17.13	244	1000360	87.78	ng	0.00

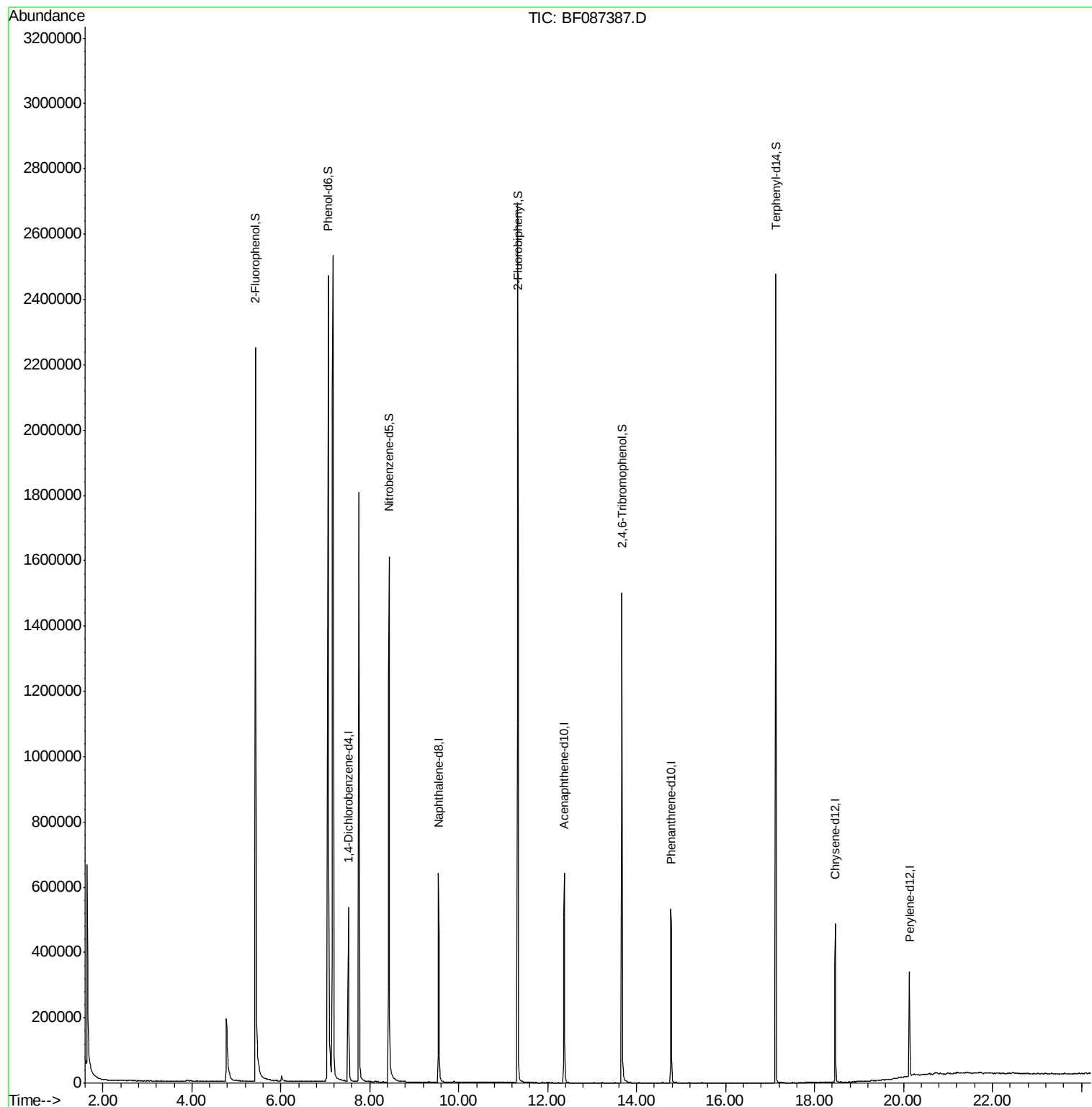
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF087387.D

Acq: 26 May 2016 00:12

Instrument :

BNA_F

ClientSampleId :

PB90852BL

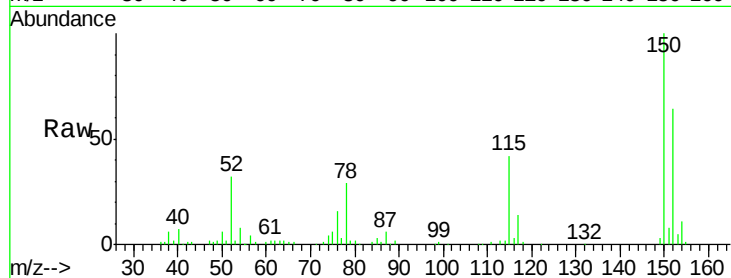
Tot Ion:152 Resp: 104902

Ion Ratio Lower Upper

152 100

150 155.5 125.8 188.6

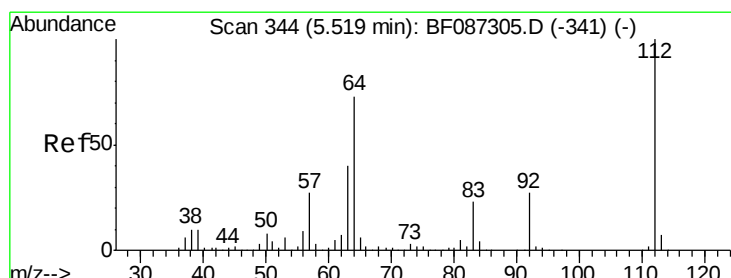
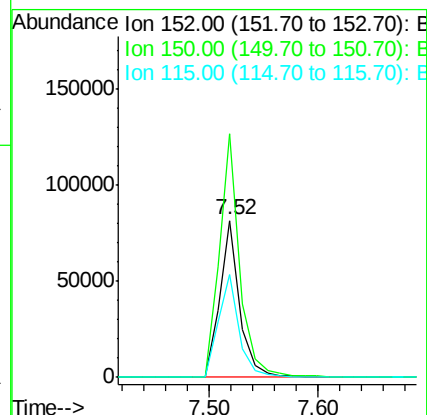
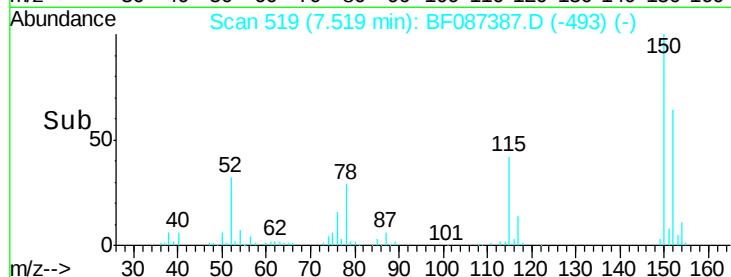
115 65.6 51.5 77.3



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: 145.35 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087387.D

Acq: 26 May 2016 00:12

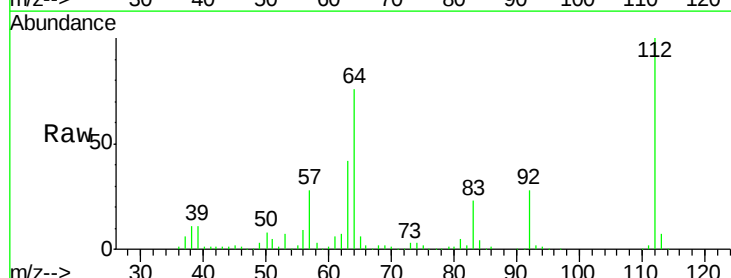
Tgt Ion:112 Resp: 867757

Ion Ratio Lower Upper

112 100

64 75.8 52.1 78.1

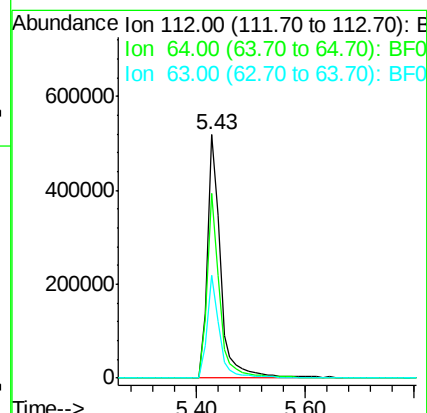
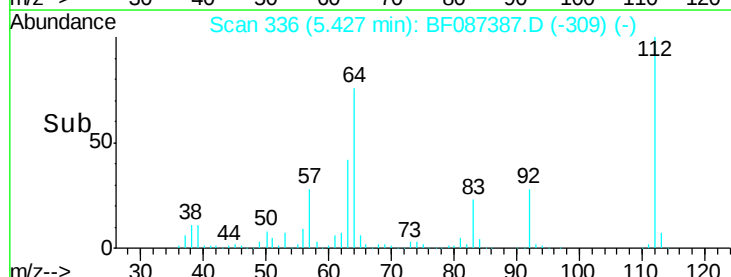
63 42.2 25.7 38.5

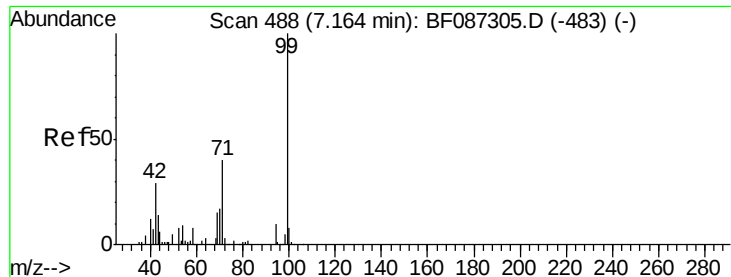


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.11 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087387.D

Acq: 26 May 2016 00:12

Instrument :

BNA_F

ClientSampleId :

PB90852BL

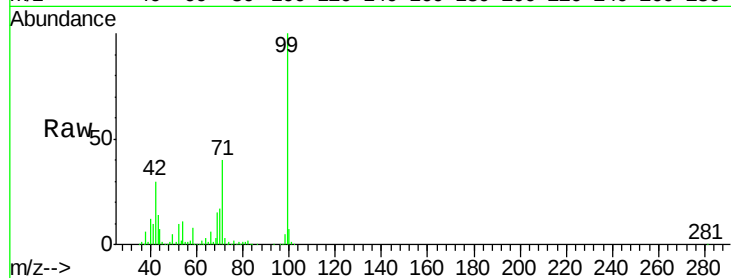
Tot Ion: 99 Resp: 1106011

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

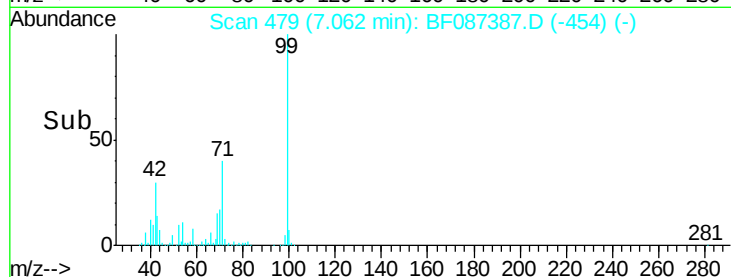
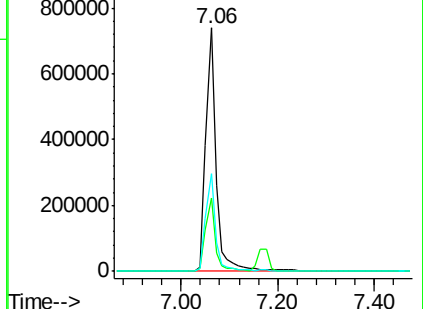
71 39.9 24.6 36.8#



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: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF087387.D

Acq: 26 May 2016 00:12

Tgt Ion: 136 Resp: 424174

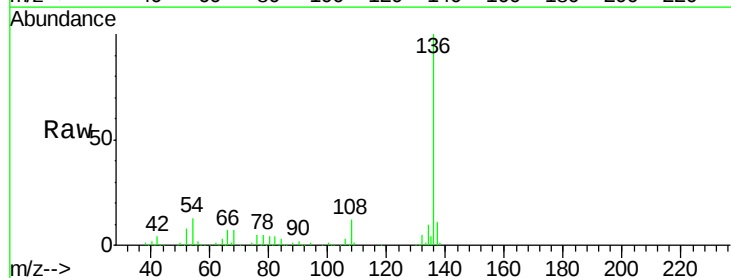
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 12.8 5.0 7.4#

68 6.6 4.4 6.6

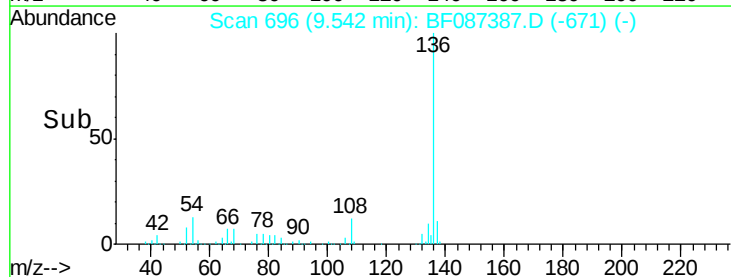
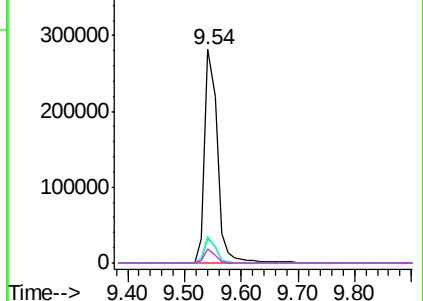


Abundance Ion 136.00 (135.70 to 136.70): E

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

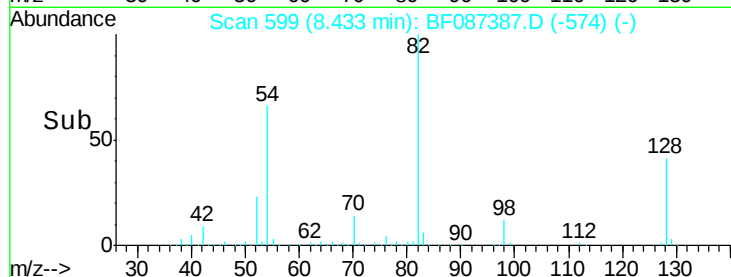
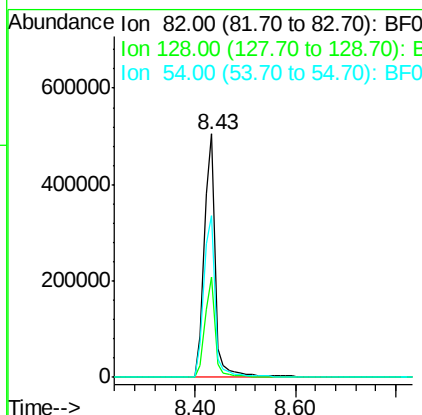
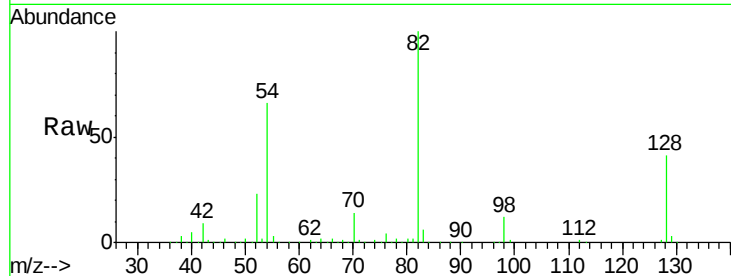




#23
 Nitrobenzene-d5
 Concen: 92.41 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF087387.D
 Acq: 26 May 2016 00:12

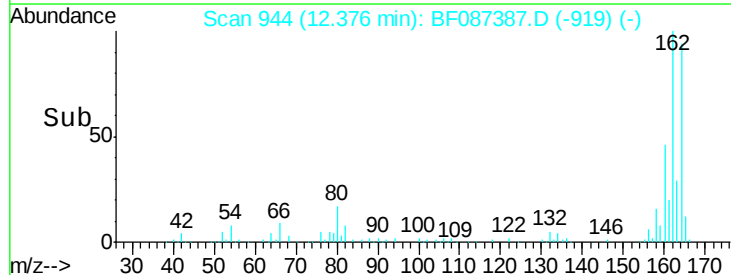
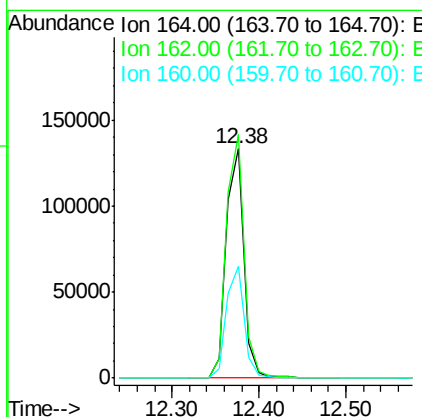
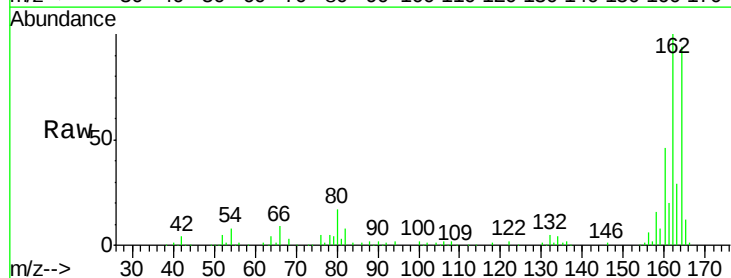
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BL

Tot Ion: 82 Resp: 777784
 Ion Ratio Lower Upper
 82 100
 128 41.2 40.6 61.0
 54 66.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087387.D
 Acq: 26 May 2016 00:12

Tgt Ion:164 Resp: 189343
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.8 124.2
 160 48.6 36.9 55.3

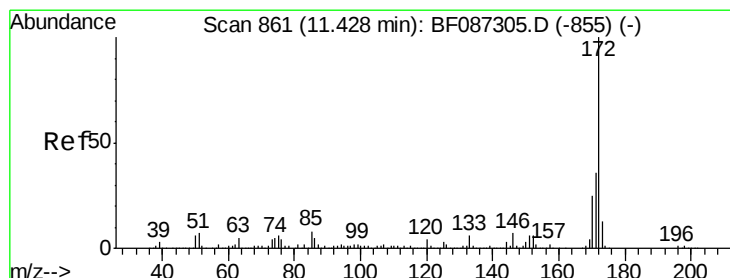
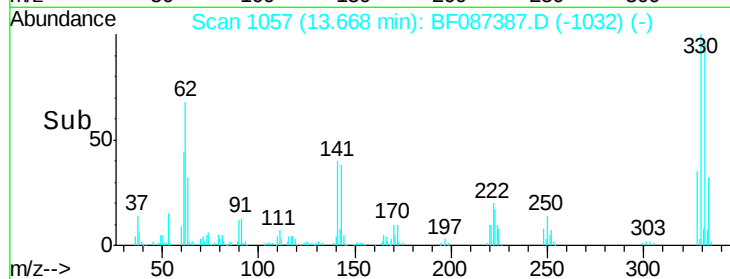
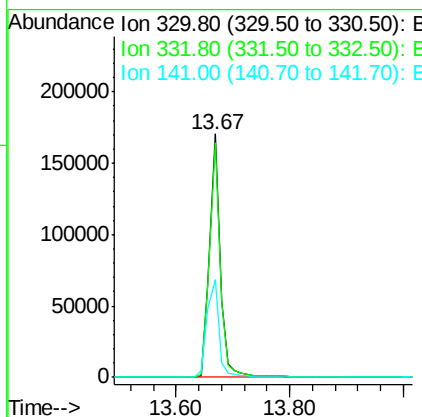
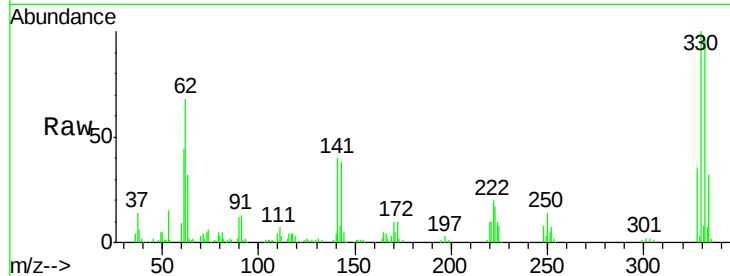




#41
 2,4,6-Tribromophenol
 Concen: 119.98 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087387.D
 Acq: 26 May 2016 00:12

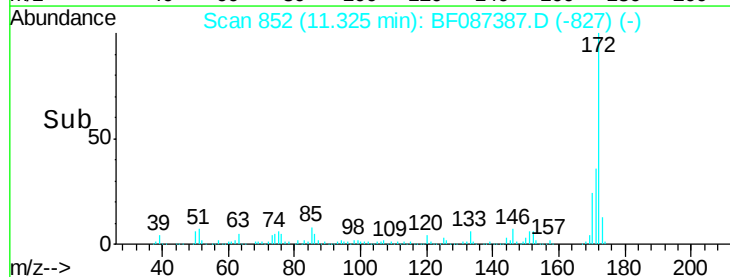
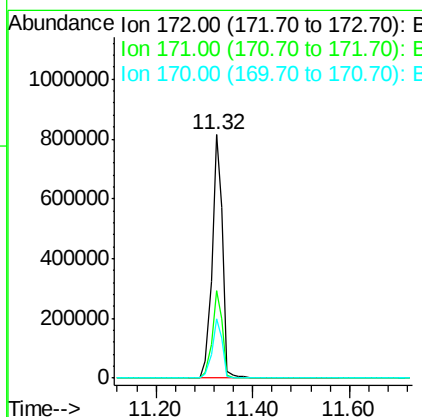
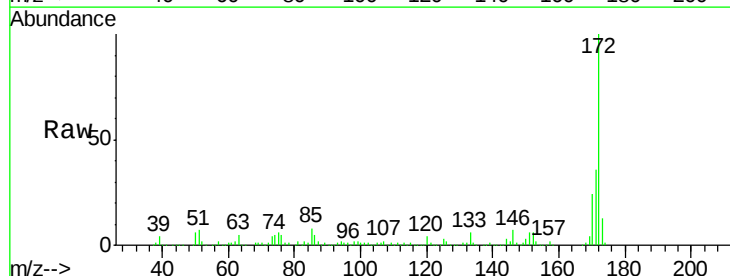
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BL

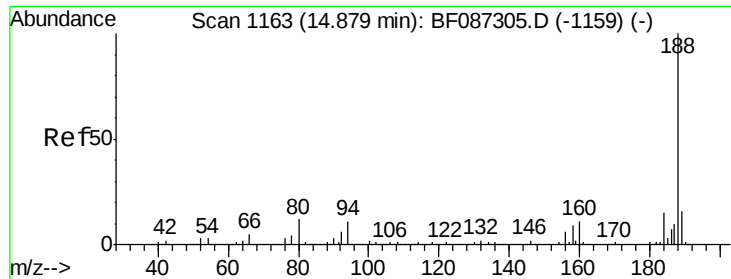
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	44.4	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 93.19 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF087387.D
 Acq: 26 May 2016 00:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.4	19.8	29.8

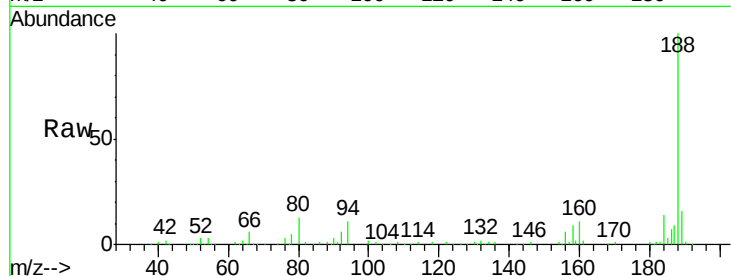




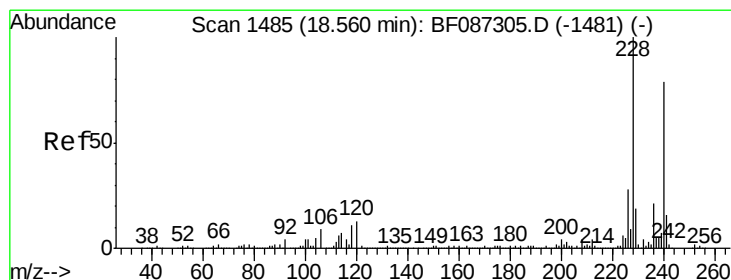
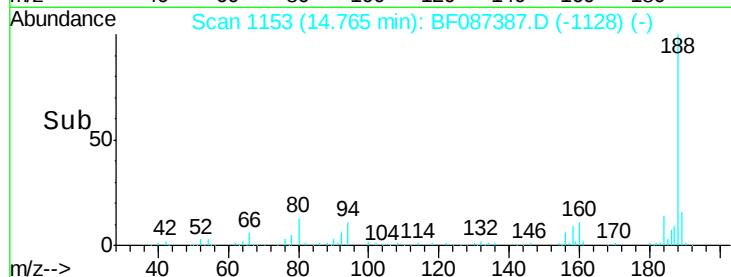
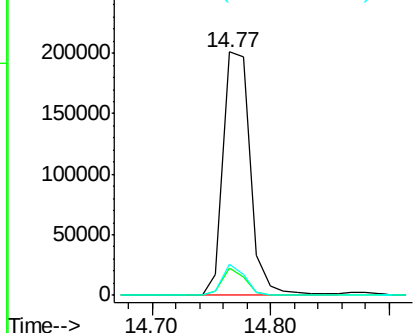
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087387.D
Acq: 26 May 2016 00:12

Instrument :
BNA_F
ClientSampled :
PB90852BL

Tot Ion:188 Resp: 319286
Ion Ratio Lower Upper
188 100
94 11.4 6.8 10.2#
80 12.8 7.1 10.7#

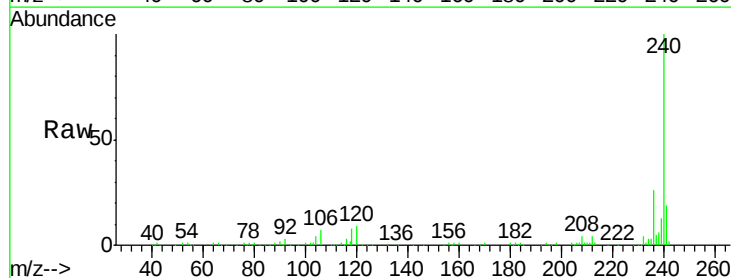


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

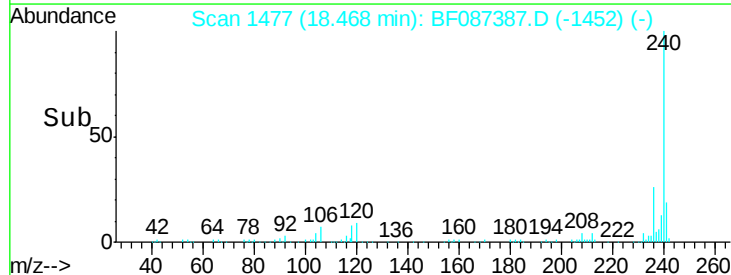
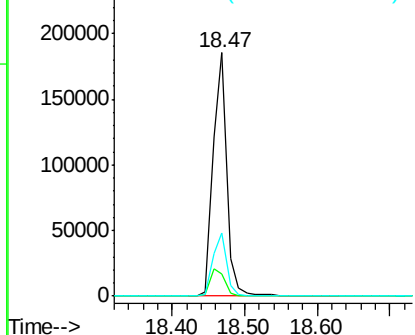


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087387.D
Acq: 26 May 2016 00:12

Tgt Ion:240 Resp: 242278
Ion Ratio Lower Upper
240 100
120 9.1 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

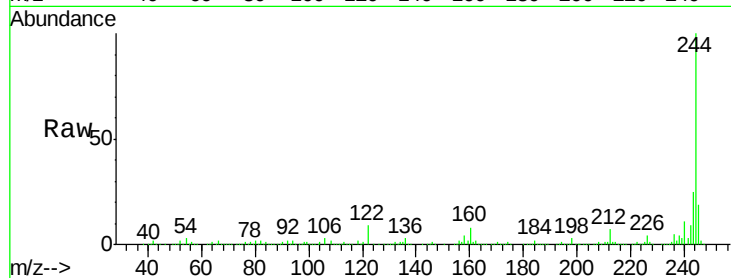




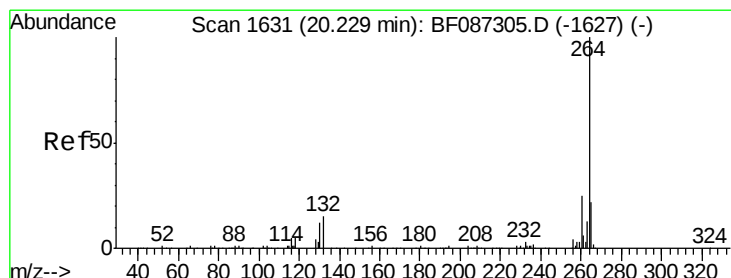
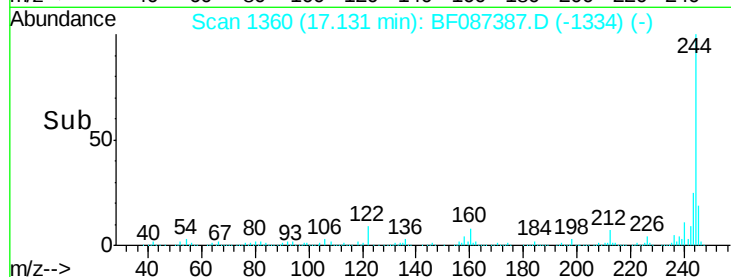
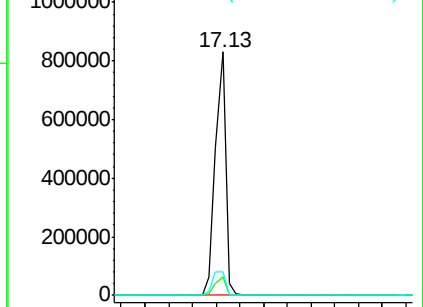
#78
 Terphenyl-d14
 Concen: 87.78 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF087387.D
 Acq: 26 May 2016 00:12

Instrument :
 BNA_F
 ClientSampleID :
 PB90852BL

Tot Ion:244 Resp: 1000360
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.5 12.0 18.0#

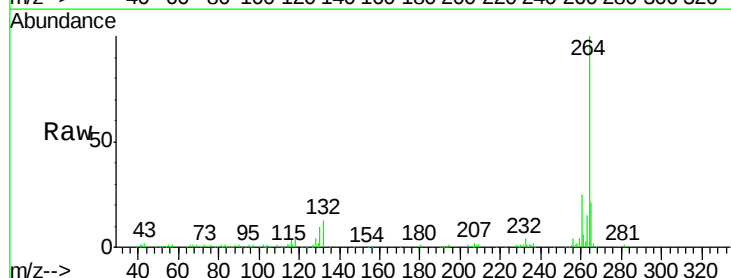


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.14 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF087387.D
 Acq: 26 May 2016 00:12

Tgt Ion:264 Resp: 165606
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 20.8 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

