

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086522.D
 Acq On : 30 Apr 2016 14:30
 Operator : UM/SJ
 Sample : PB90147BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BL

Quant Time: May 01 04:00:00 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 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	135713	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	593648	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	290238	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	568332	20.00	ng	0.00
75) Chrysene-d12	13.92	240	525448	20.00	ng	0.00
86) Perylene-d12	15.31	264	401890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	754869	95.94	ng	0.01
7) Phenol-d6	6.41	99	1017586	92.67	ng	0.00
23) Nitrobenzene-d5	7.33	82	920394	83.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	247255	80.78	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1355709	80.88	ng	-0.01
78) Terphenyl-d14	12.88	244	1570940	65.87	ng	0.00

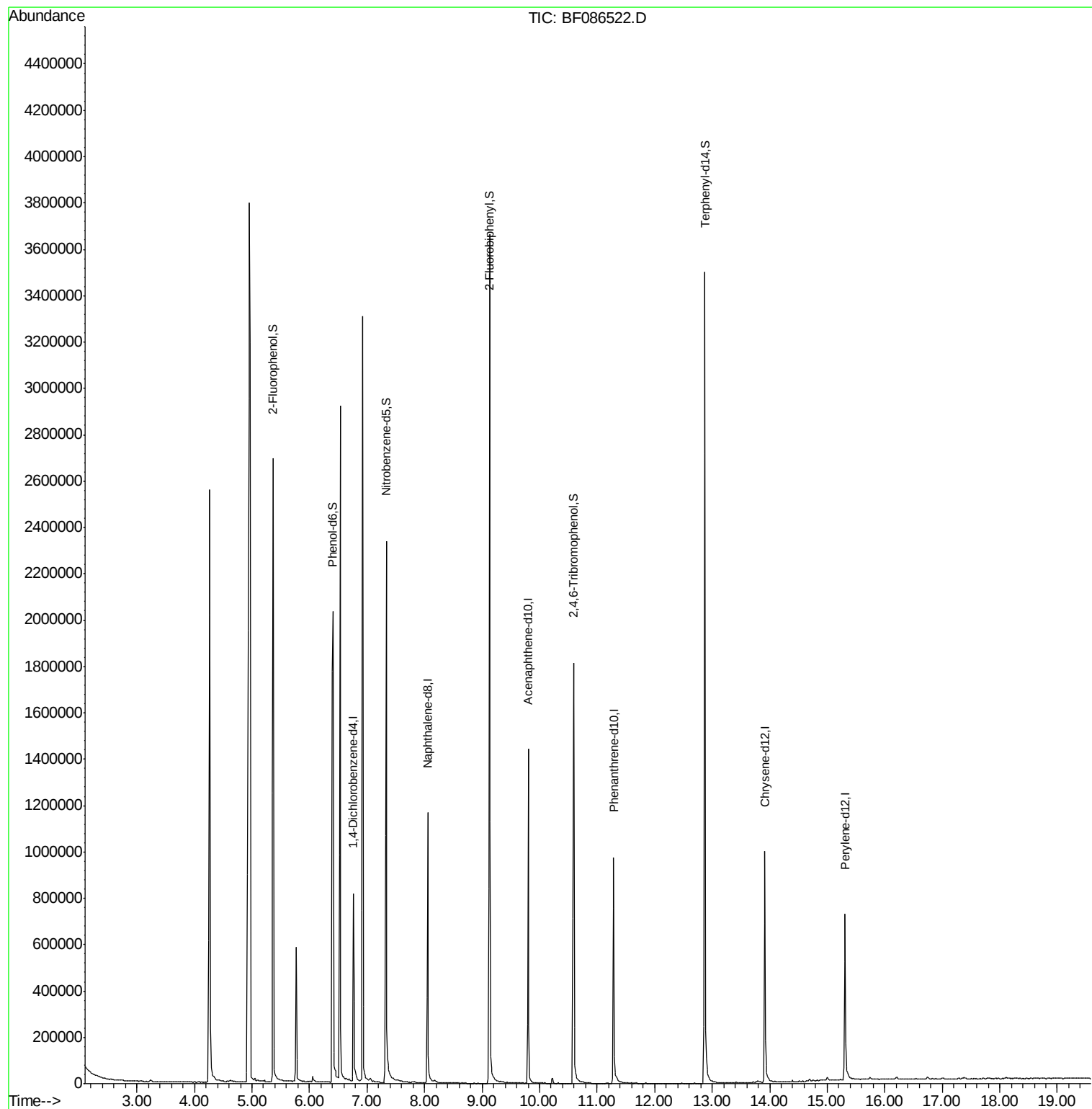
Target Compounds	Qvalue
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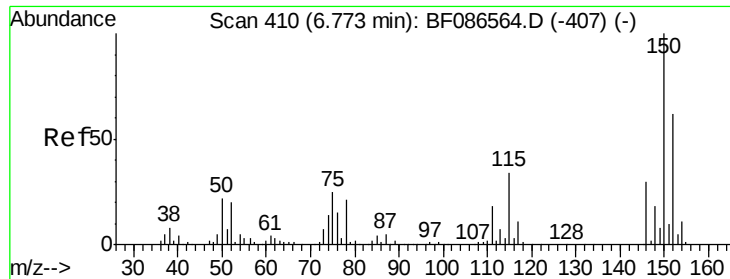
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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ClientSampleId :

PB90147BL

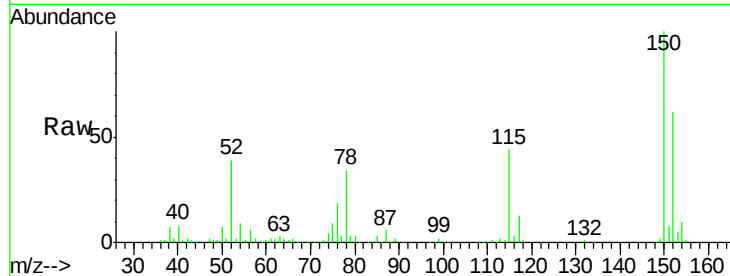
Tgt Ion:152 Resp: 135713

Ion Ratio Lower Upper

152 100

150 161.1 125.8 188.6

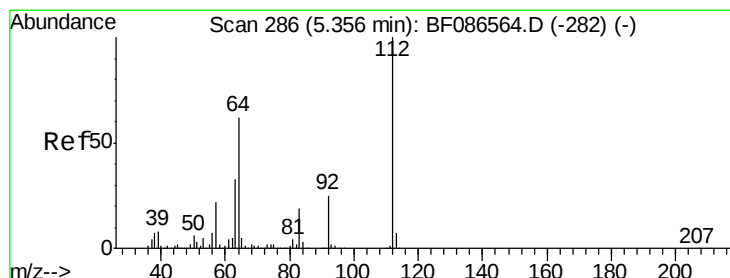
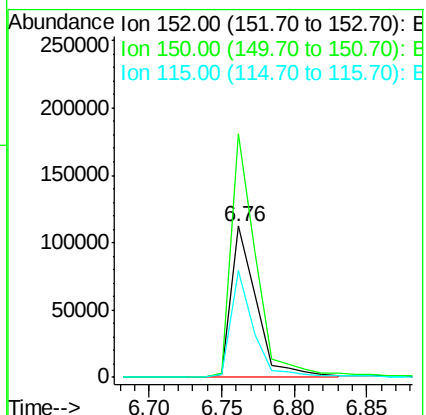
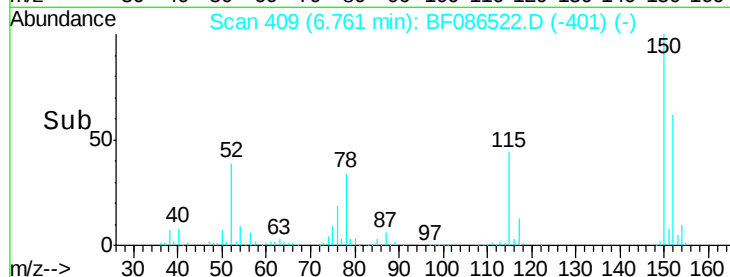
115 70.2 51.5 77.3



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: 95.94 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086522.D

Acq: 30 Apr 2016 14:30

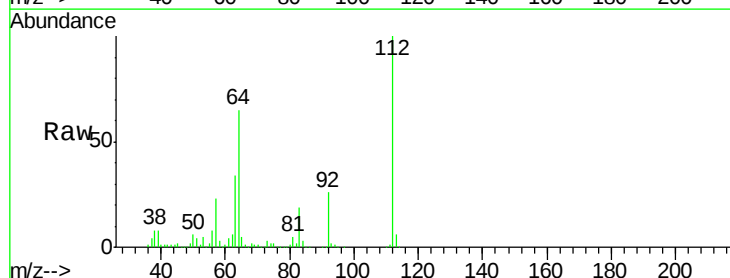
Tgt Ion:112 Resp: 754869

Ion Ratio Lower Upper

112 100

64 64.9 52.1 78.1

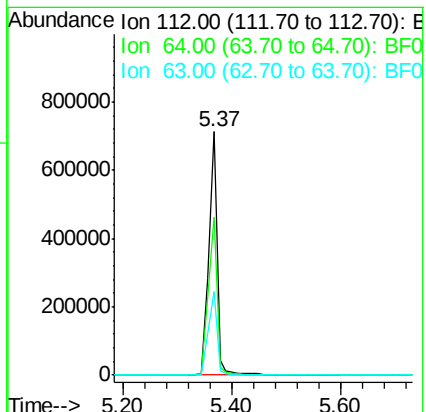
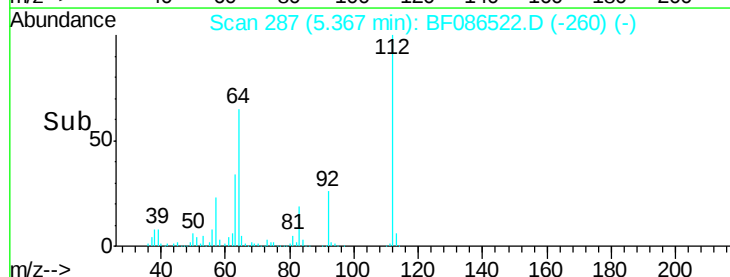
63 34.4 25.7 38.5

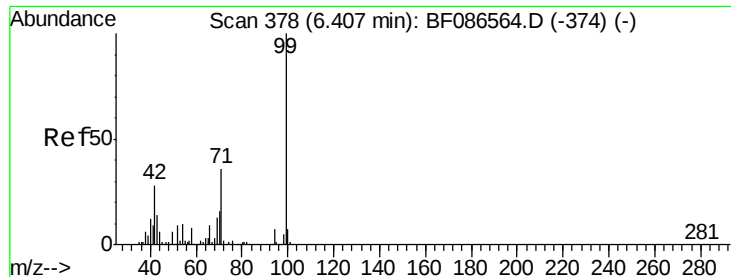


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.67 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086522.D

Acq: 30 Apr 2016 14:30

Instrument :

BNA_F

ClientSampleId :

PB90147BL

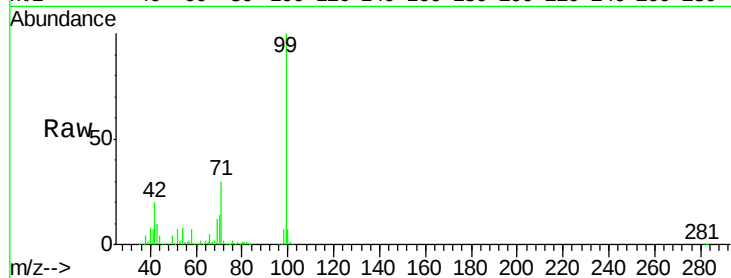
Tgt Ion: 99 Resp: 1017586

Ion Ratio Lower Upper

99 100

42 19.8 13.6 20.4

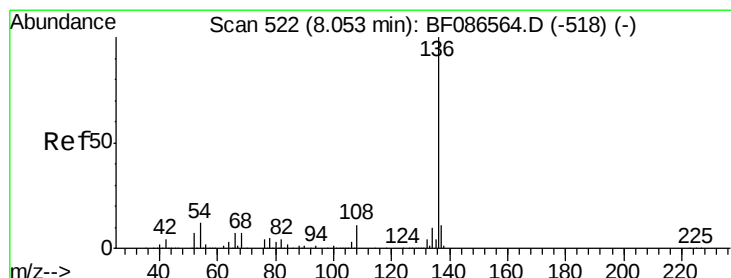
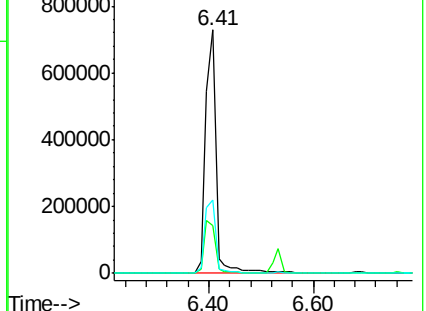
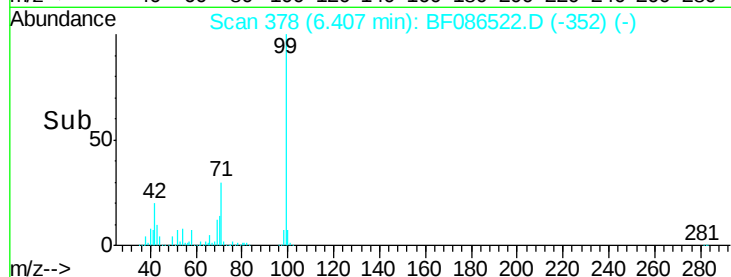
71 30.2 24.6 36.8



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: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086522.D

Acq: 30 Apr 2016 14:30

Tgt Ion: 136 Resp: 593648

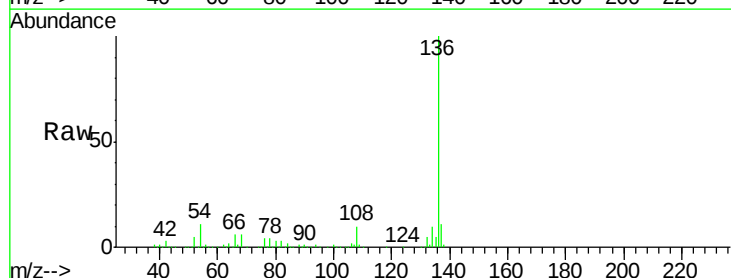
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.6 5.0 7.4#

68 6.4 4.4 6.6

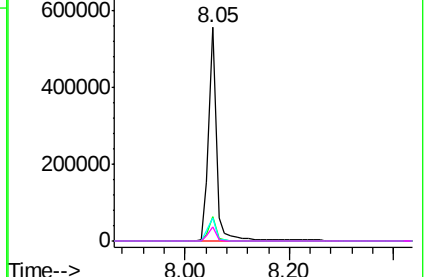
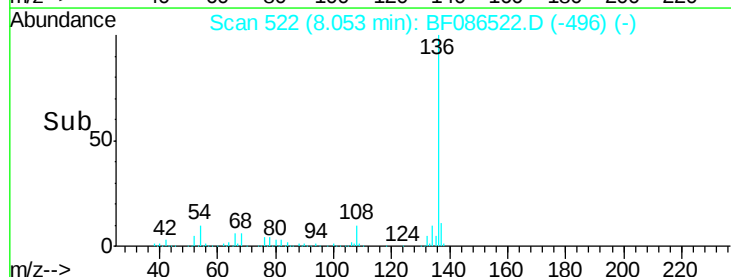


Abundance Ion 136.00 (135.70 to 136.70): E

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

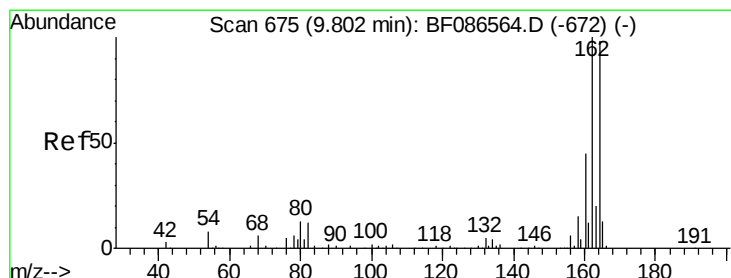
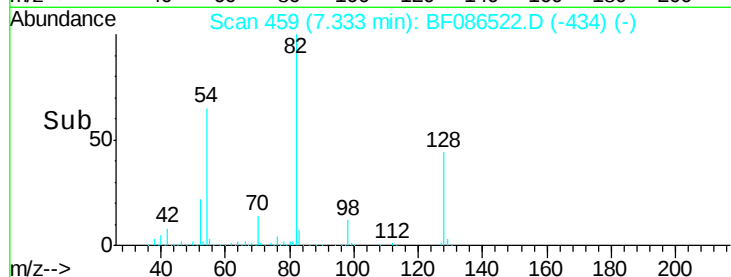
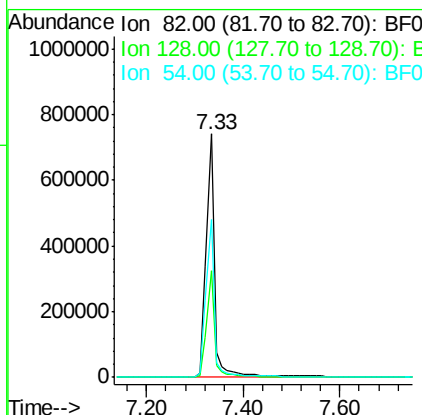
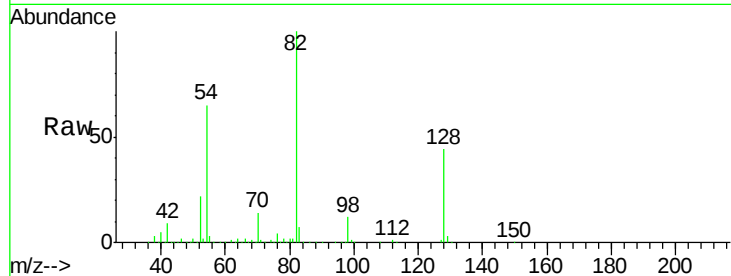




#23
 Nitrobenzene-d5
 Concen: 83.57 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086522.D
 Acq: 30 Apr 2016 14:30

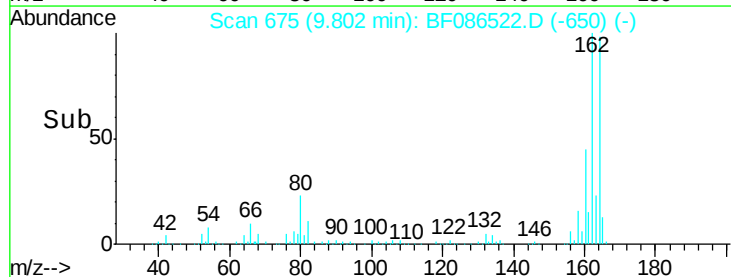
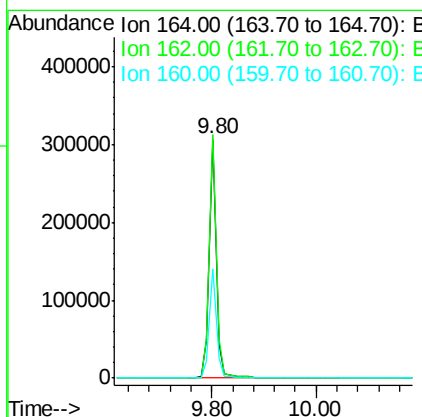
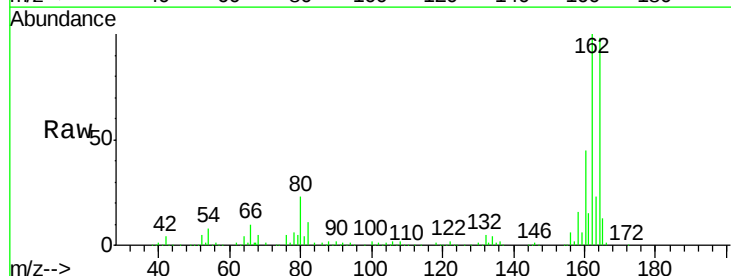
Instrument :
 BNA_F
 ClientSampleId :
 PB90147BL

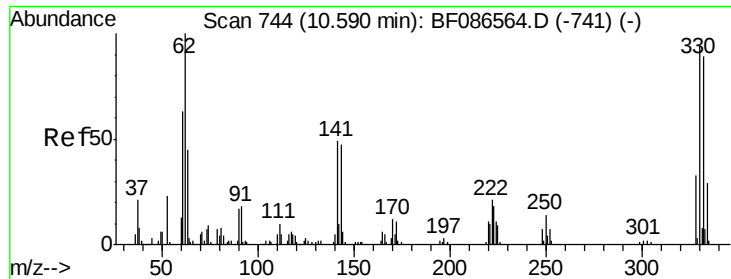
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	40.6	61.0
54	64.7	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086522.D
 Acq: 30 Apr 2016 14:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	45.9	36.9	55.3

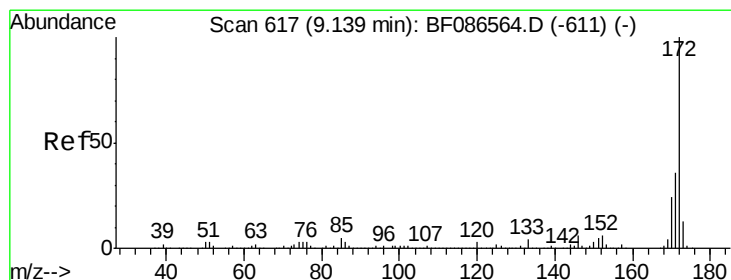
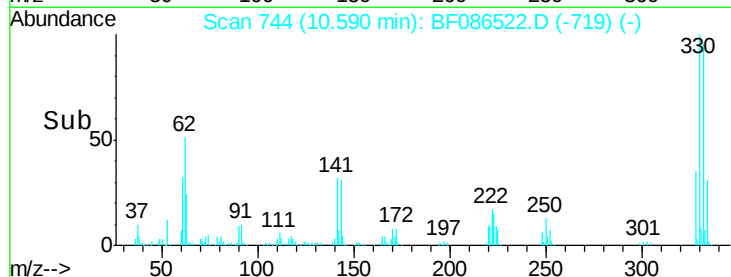
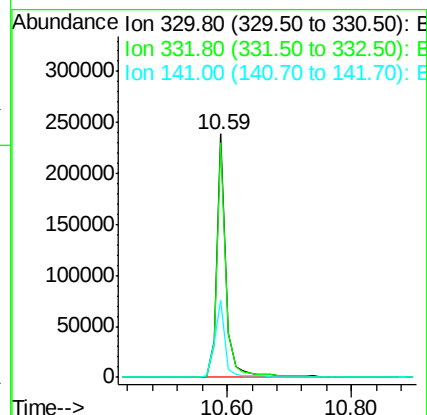
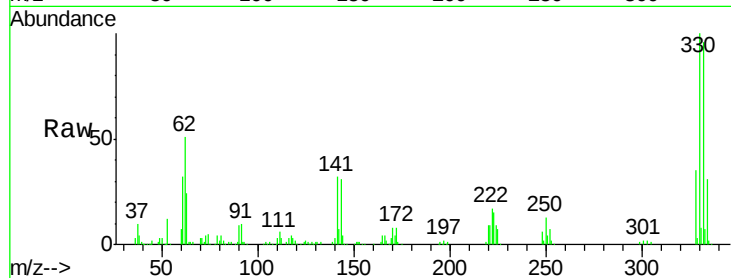




#41
 2,4,6-Tribromophenol
 Concen: 80.78 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086522.D
 Acq: 30 Apr 2016 14:30

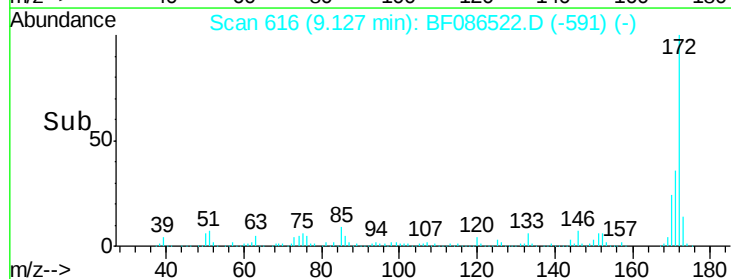
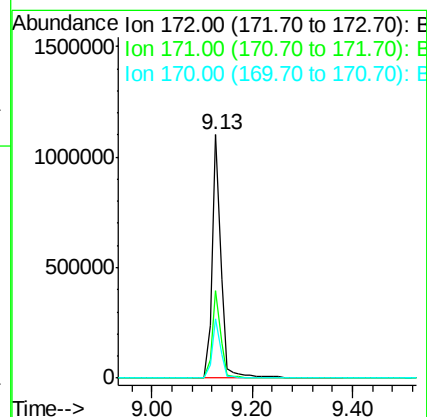
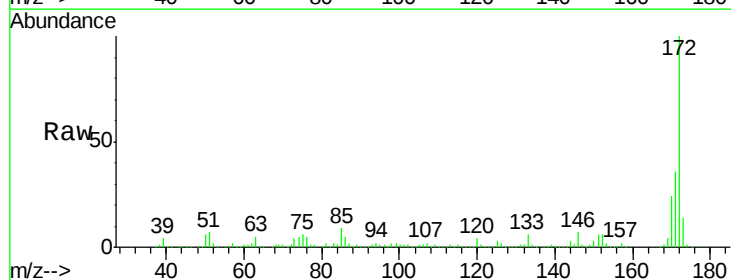
Instrument :
 BNA_F
 ClientSampleId :
 PB90147BL

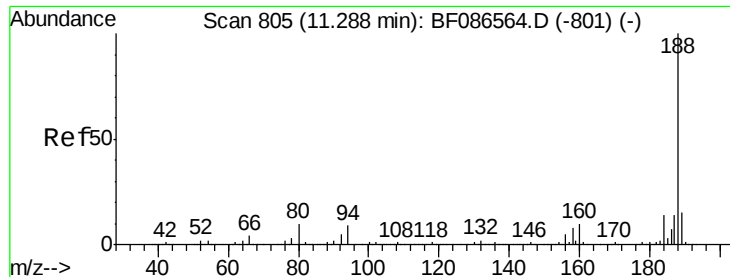
Tgt Ion:330 Resp: 247255
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 37.5 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 80.88 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086522.D
 Acq: 30 Apr 2016 14:30

Tgt Ion:172 Resp: 1355709
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.3 19.8 29.8

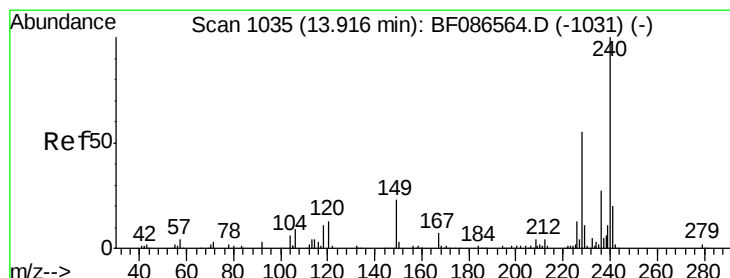
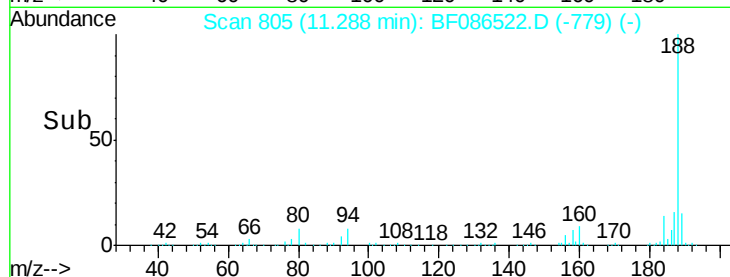
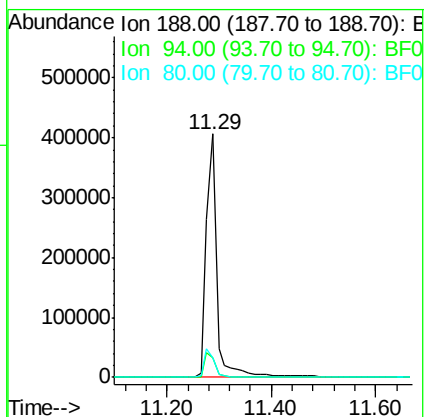
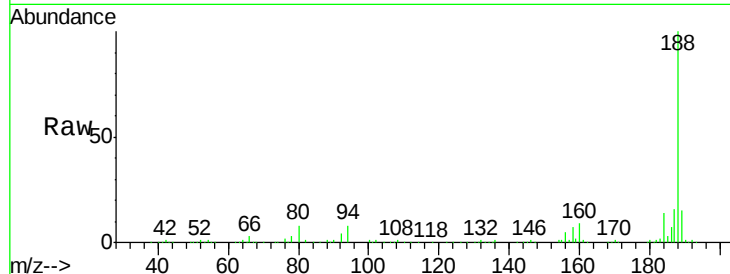




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086522.D
Acq: 30 Apr 2016 14:30

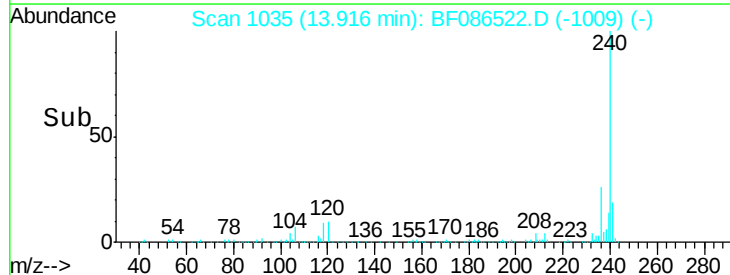
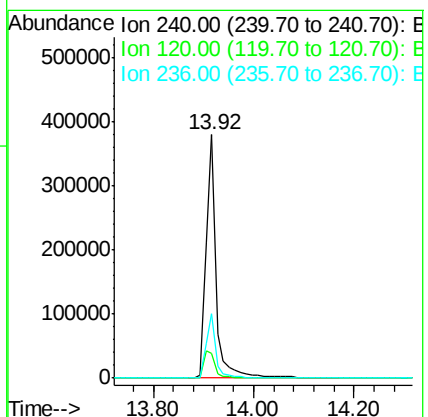
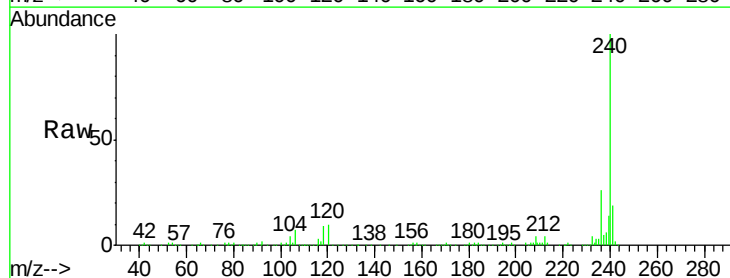
Instrument :
BNA_F
ClientSampled :
PB90147BL

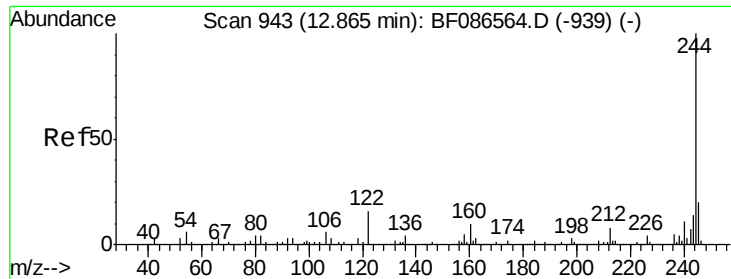
Tgt Ion:188 Resp: 568332
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.2 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086522.D
Acq: 30 Apr 2016 14:30

Tgt Ion:240 Resp: 525448
Ion Ratio Lower Upper
240 100
120 10.1 11.2 16.8#
236 26.3 21.2 31.8

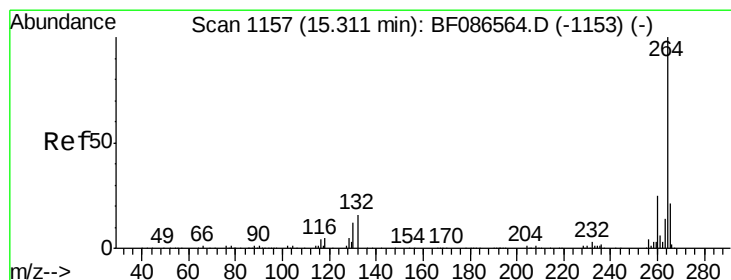
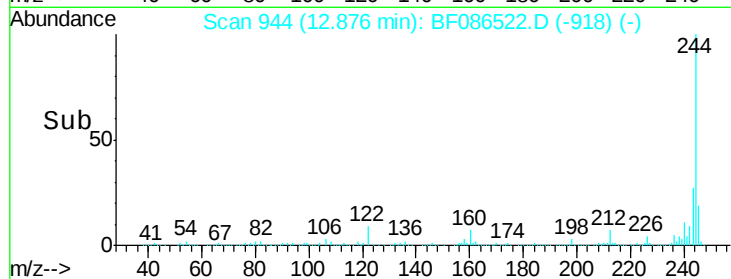
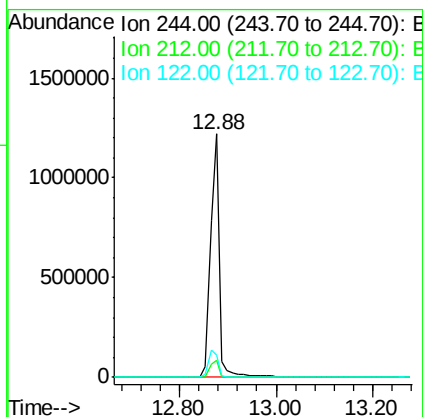
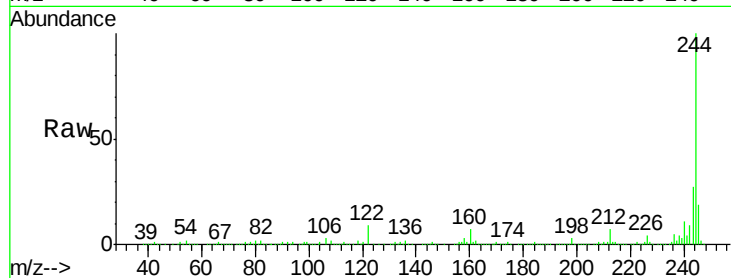




#78
 Terphenyl-d14
 Concen: 65.87 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086522.D
 Acq: 30 Apr 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BL

Tgt Ion:244 Resp: 1570940
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 9.0 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: BF086522.D
 Acq: 30 Apr 2016 14:30

Tgt Ion:264 Resp: 401890
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.3 17.3 25.9

