

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087065.D
 Acq On : 15 May 2016 13:03
 Operator : UM/SJ
 Sample : H3053-02
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Quant Time: May 16 07:35:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	125730	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	523709	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	252142	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	445869	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	307270	20.00	ng	-0.01
86) Perylene-d12	15.11	264	287332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	442543	59.61	ng	0.01
7) Phenol-d6	6.28	99	366880	36.98	ng	0.00
23) Nitrobenzene-d5	7.19	82	864801	82.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	264374	99.04	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1378976	91.92	ng	0.00
78) Terphenyl-d14	12.71	244	1074698	74.21	ng	0.00

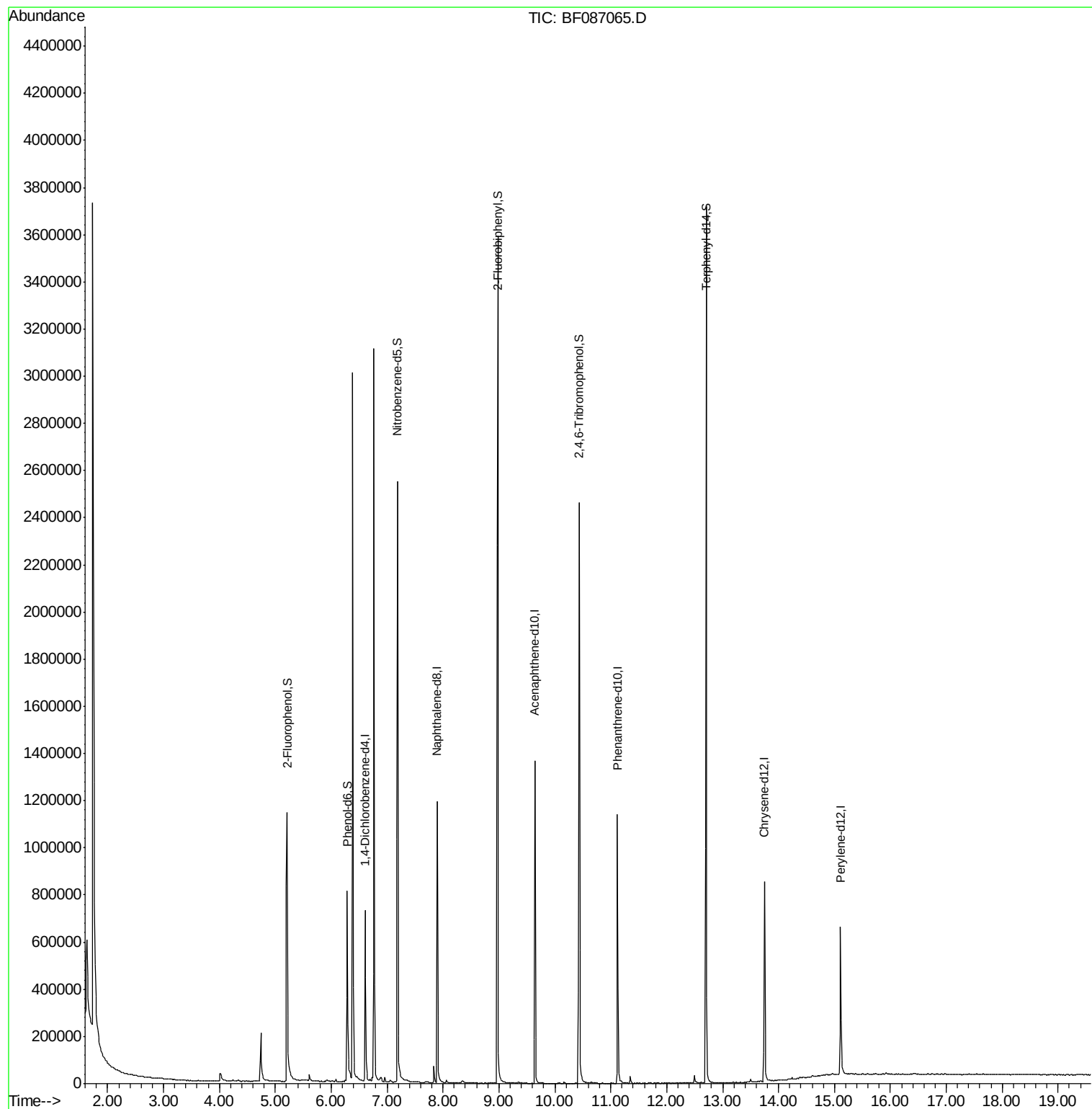
Target Compounds	Qvalue
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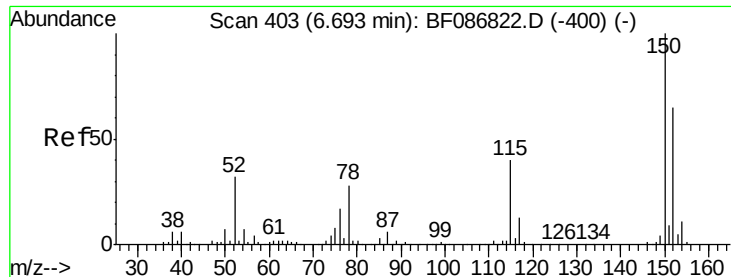
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

Instrument :

BNA_F

ClientSampleId :

W-14

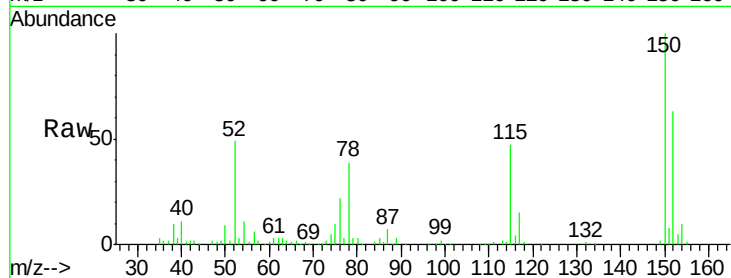
Tgt Ion:152 Resp: 125730

Ion Ratio Lower Upper

152 100

150 159.7 125.8 188.6

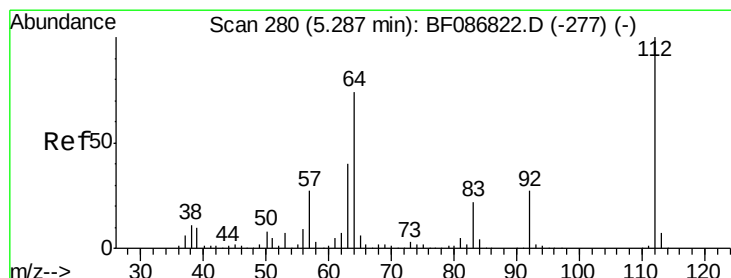
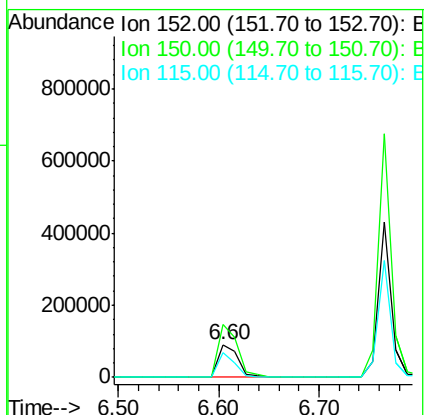
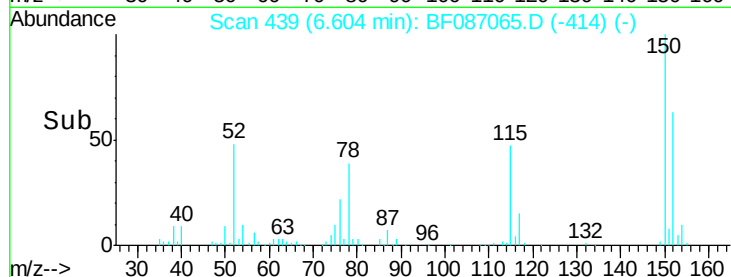
115 75.4 51.5 77.3



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: 59.61 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

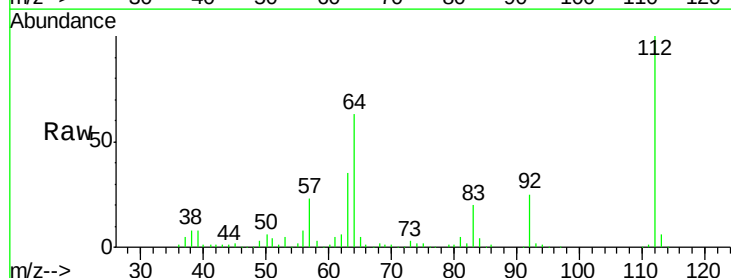
Tgt Ion:112 Resp: 442543

Ion Ratio Lower Upper

112 100

64 63.5 52.1 78.1

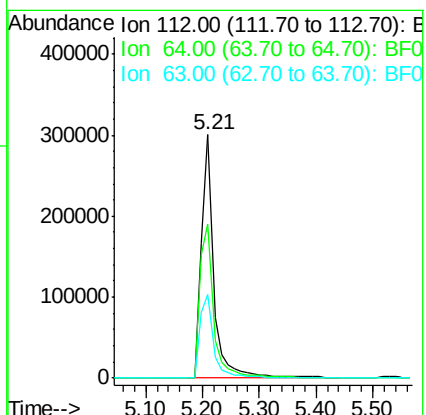
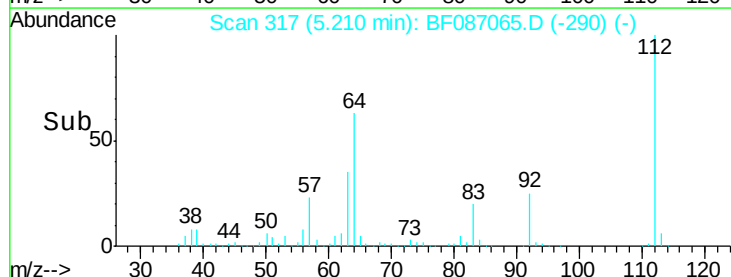
63 34.6 25.7 38.5

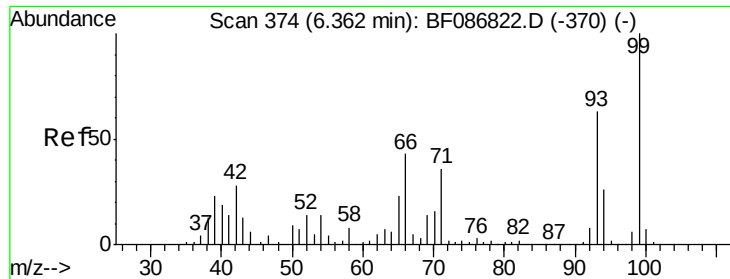


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.98 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

Instrument :

BNA_F

ClientSampleId :

W-14

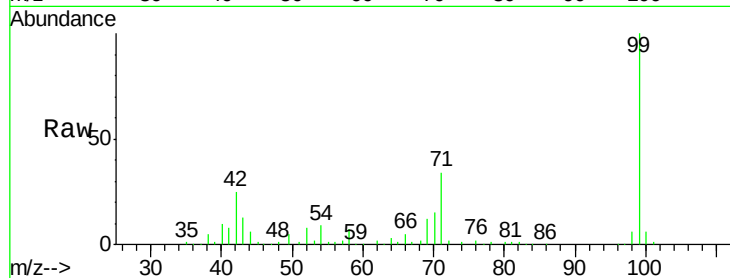
Tgt Ion: 99 Resp: 366880

Ion Ratio Lower Upper

99 100

42 24.9 13.6 20.4#

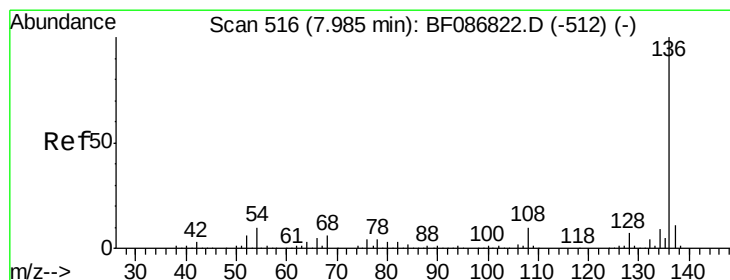
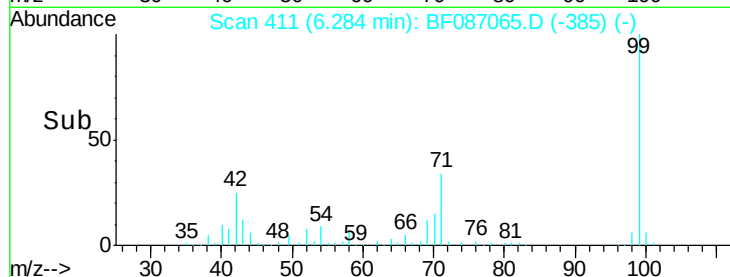
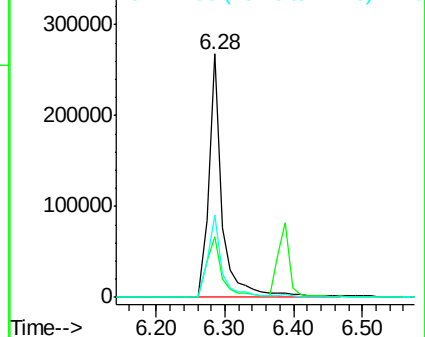
71 34.0 24.6 36.8



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: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

Tgt Ion: 136 Resp: 523709

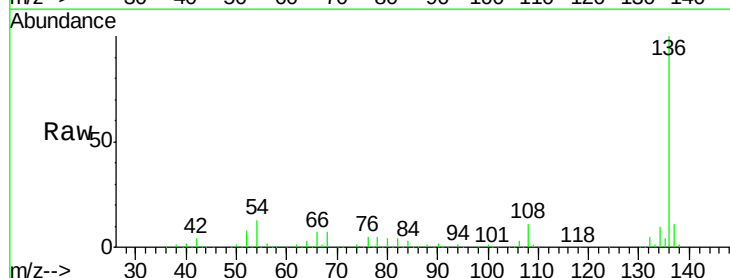
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.0 5.0 7.4#

68 6.6 4.4 6.6

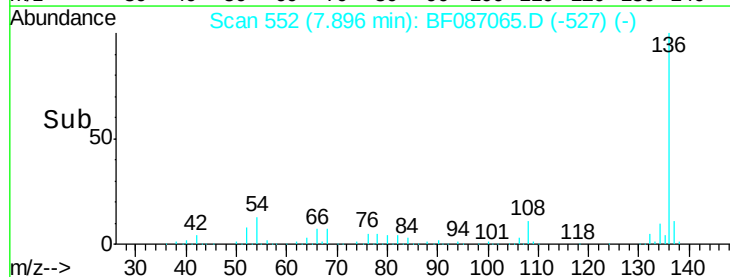
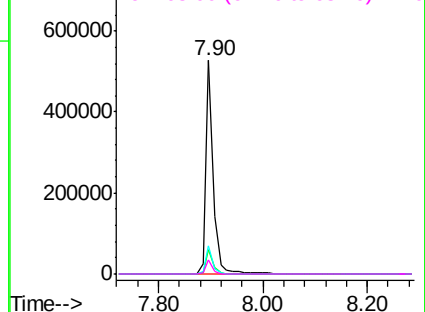


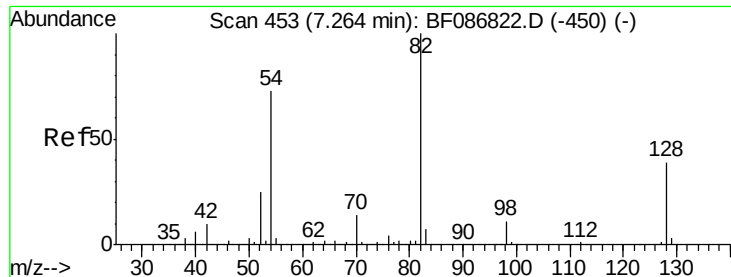
Abundance Ion 136.00 (135.70 to 136.70): E

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

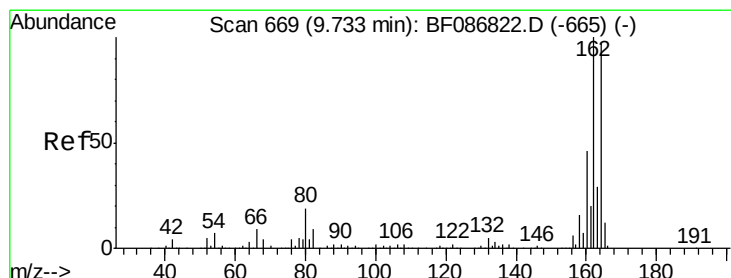
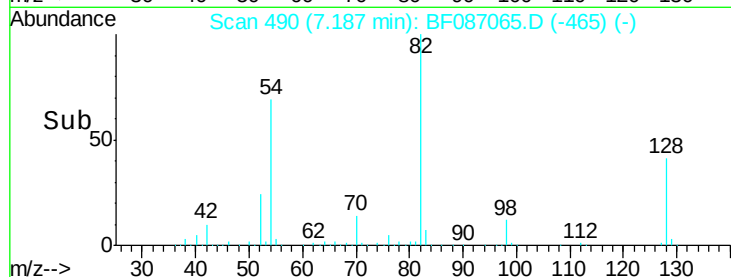
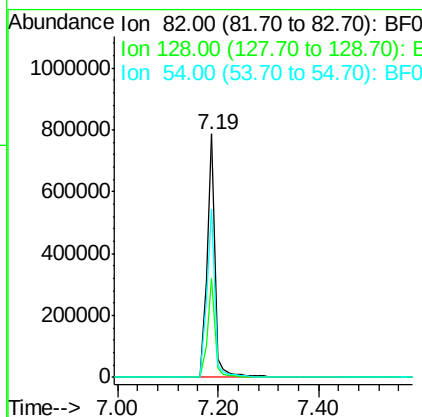
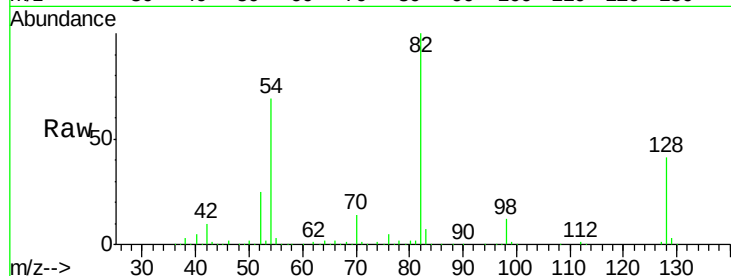




#23
 Nitrobenzene-d5
 Concen: 82.92 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087065.D
 Acq: 15 May 2016 13:03

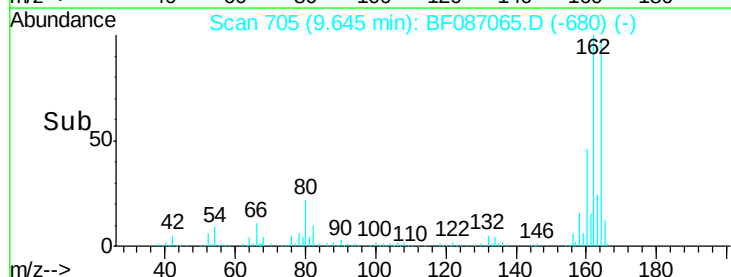
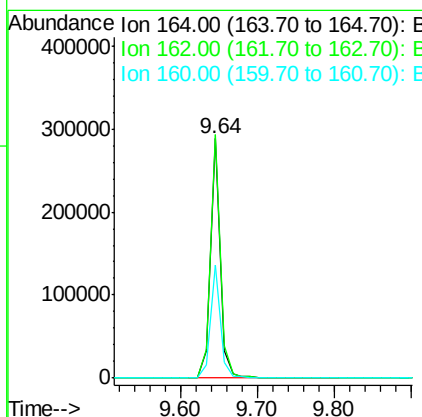
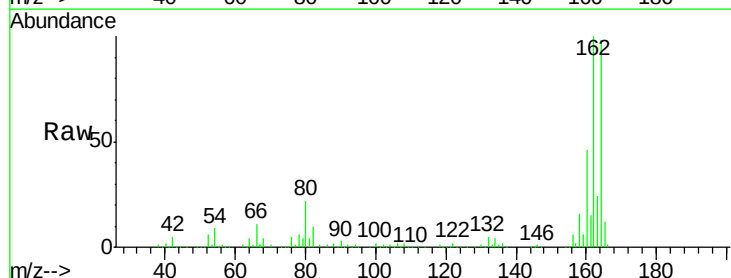
Instrument :
 BNA_F
 ClientSampled :
 W-14

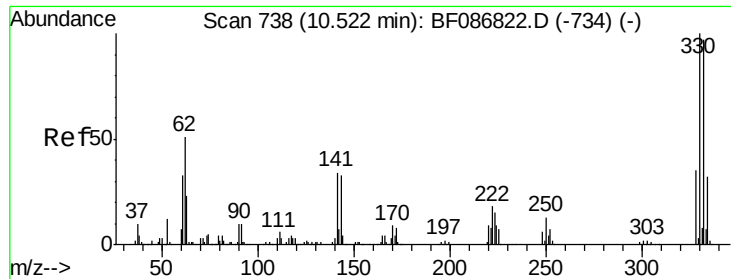
Tgt Ion: 82 Resp: 864801
 Ion Ratio Lower Upper
 82 100
 128 40.6 40.6 61.0
 54 69.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087065.D
 Acq: 15 May 2016 13:03

Tgt Ion: 164 Resp: 252142
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.8 124.2
 160 47.0 36.9 55.3

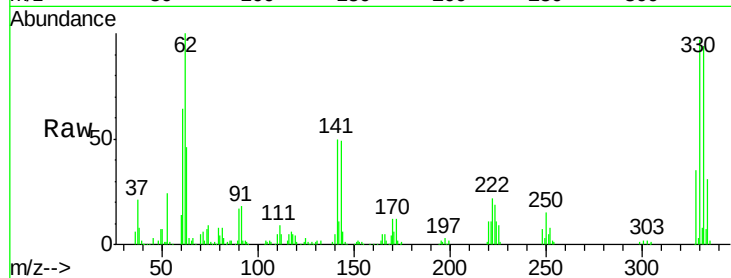




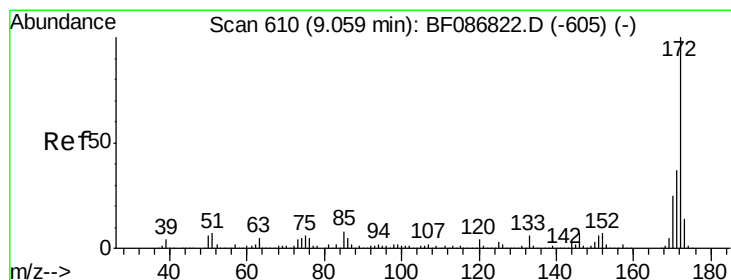
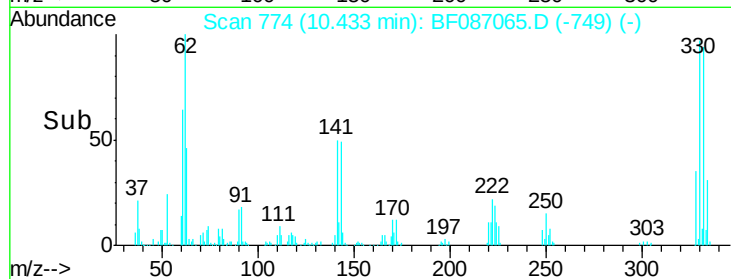
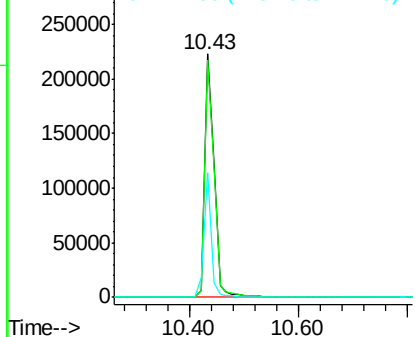
#41
 2,4,6-Tribromophenol
 Concen: 99.04 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087065.D
 Acq: 15 May 2016 13:03

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Tgt Ion:330 Resp: 264374
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 40.3 31.2 46.8

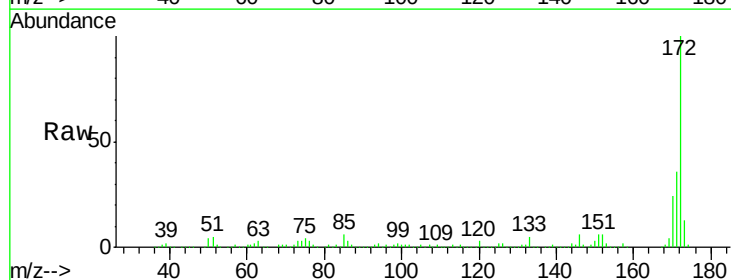


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

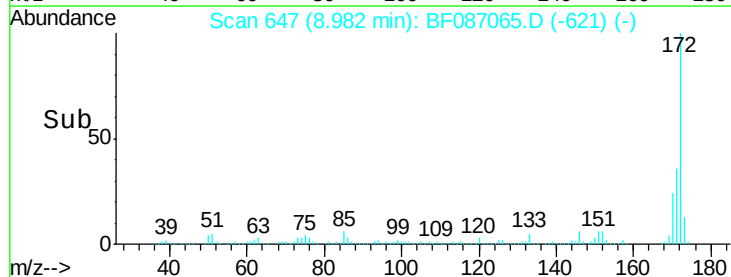
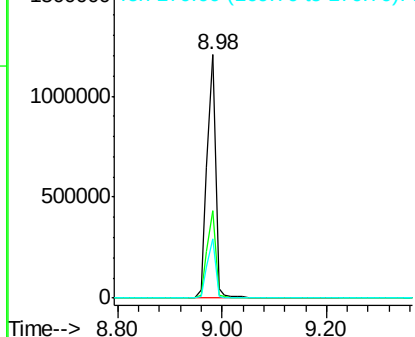


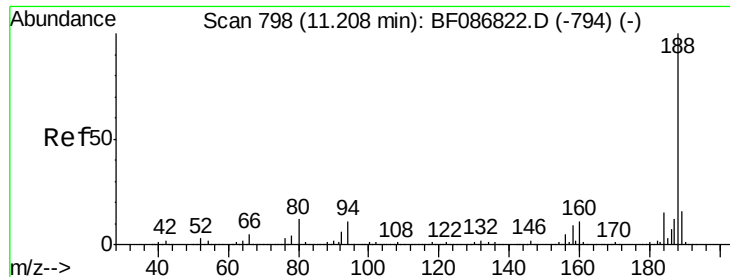
#44
 2-Fluorobiphenyl
 Concen: 91.92 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087065.D
 Acq: 15 May 2016 13:03

Tgt Ion:172 Resp: 1378976
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.4 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

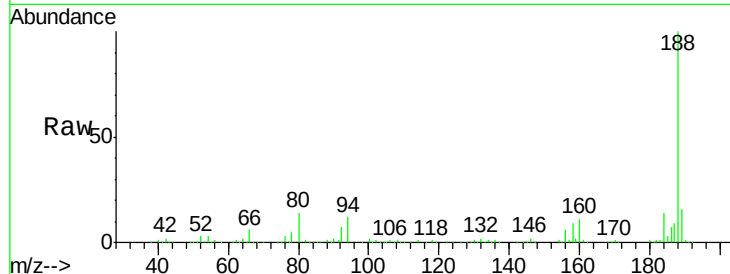




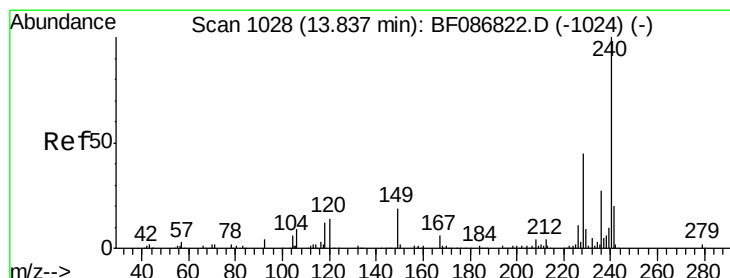
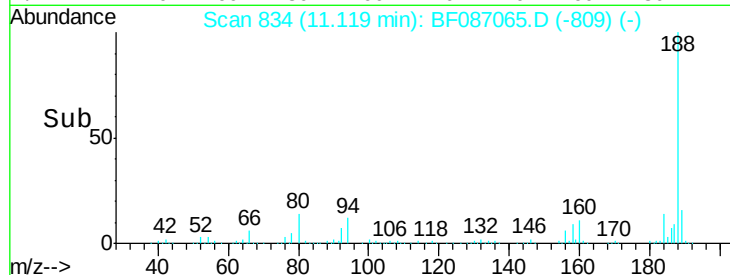
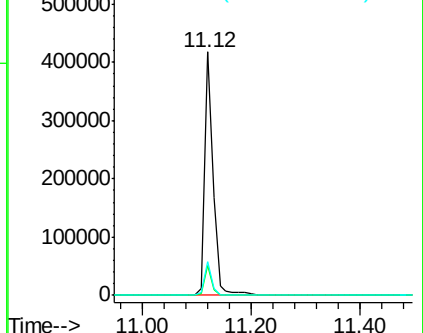
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087065.D
Acq: 15 May 2016 13:03

Instrument :
BNA_F
ClientSampled :
W-14

Tgt Ion:188 Resp: 445869
Ion Ratio Lower Upper
188 100
94 12.3 6.8 10.2#
80 13.7 7.1 10.7#

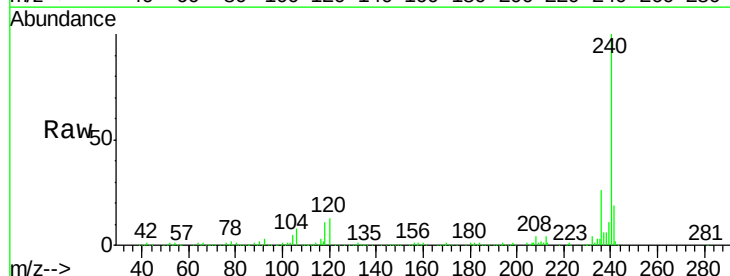


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

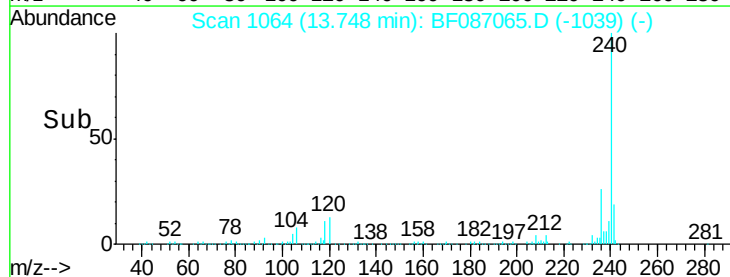
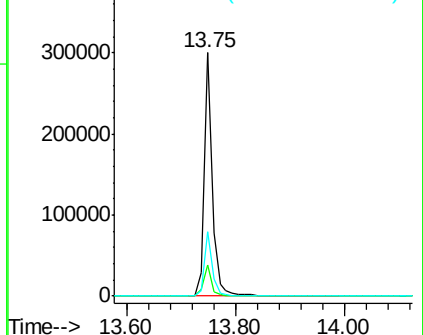


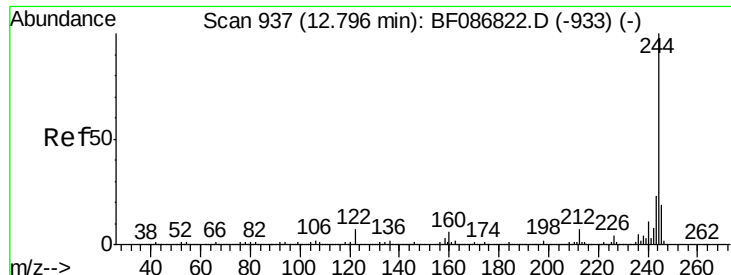
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087065.D
Acq: 15 May 2016 13:03

Tgt Ion:240 Resp: 307270
Ion Ratio Lower Upper
240 100
120 12.5 11.2 16.8
236 26.3 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

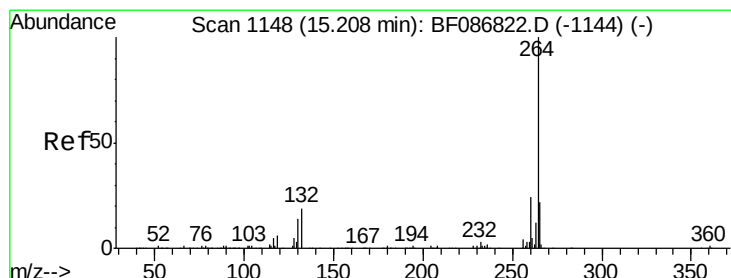
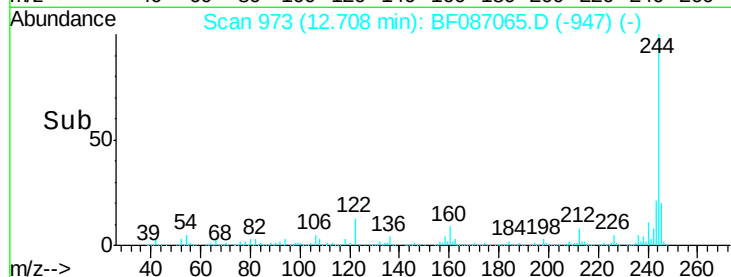
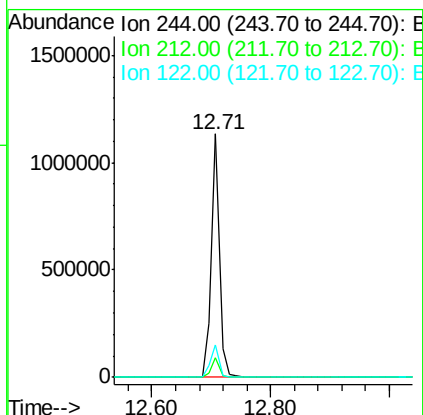
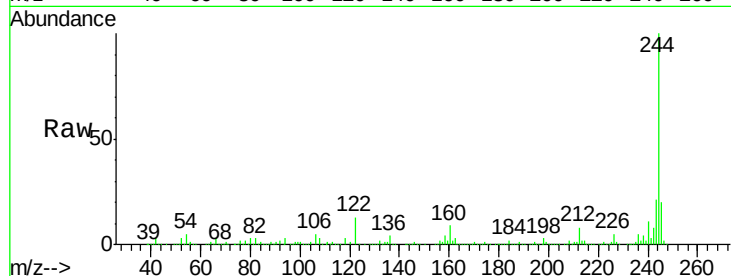




#78
 Terphenyl-d14
 Concen: 74.21 ng
 RT: 12.71 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF087065.D
 Acq: 15 May 2016 13:03

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1074698
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 13.3 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087065.D
 Acq: 15 May 2016 13:03

Tgt Ion:264 Resp: 287332
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 21.8 17.3 25.9

