

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087052.D
 Acq On : 15 May 2016 6:48
 Operator : UM/SJ
 Sample : H3052-05
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: May 16 06:55:47 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

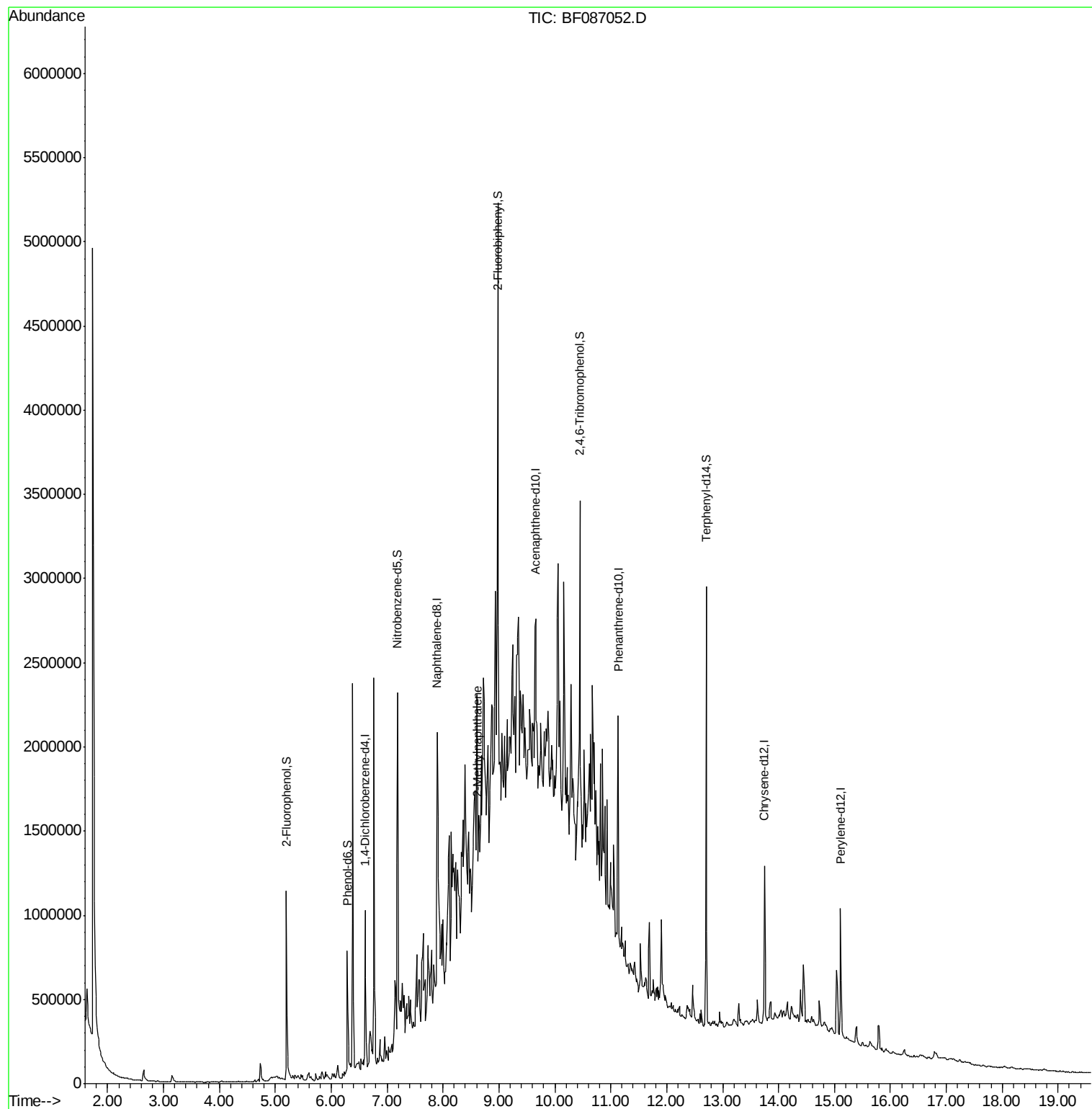
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	147621	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	565824	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	253812	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	481045	20.00	ng	0.00
75) Chrysene-d12	13.75	240	331152	20.00	ng	-0.01
86) Perylene-d12	15.11	264	315806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	332492	38.14	ng	0.00
7) Phenol-d6	6.28	99	323530	27.77	ng	0.00
23) Nitrobenzene-d5	7.19	82	729391	64.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	260976	97.12	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1034727	68.52	ng	0.00
78) Terphenyl-d14	12.71	244	771845	49.45	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.62	142	55871	3.37	ng	Qvalue # 94

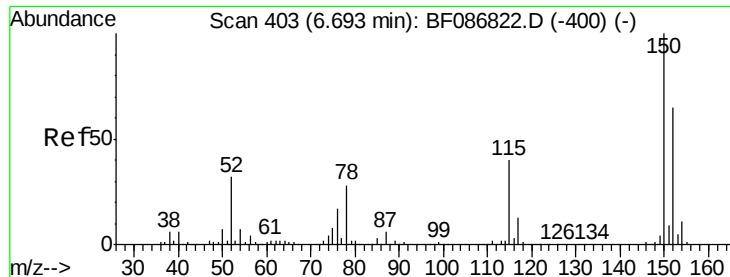
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087052.D

Acq: 15 May 2016 6:48

Instrument :

BNA_F

ClientSampleId :

MW-02

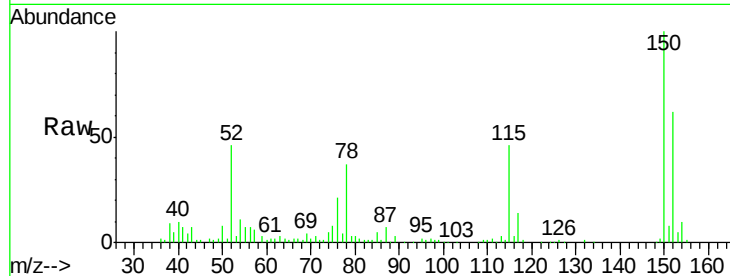
Tgt Ion:152 Resp: 147621

Ion Ratio Lower Upper

152 100

150 162.0 125.8 188.6

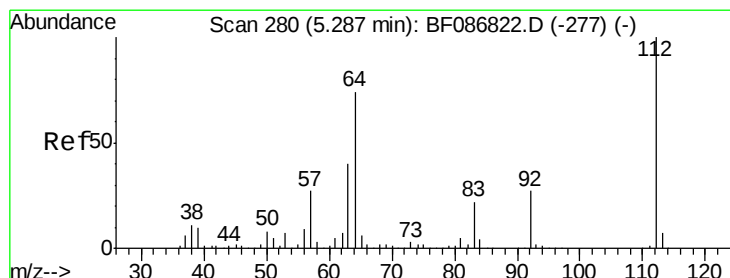
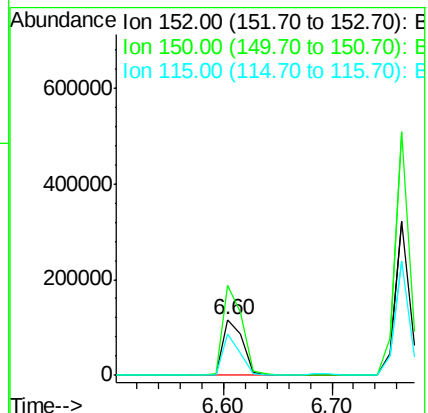
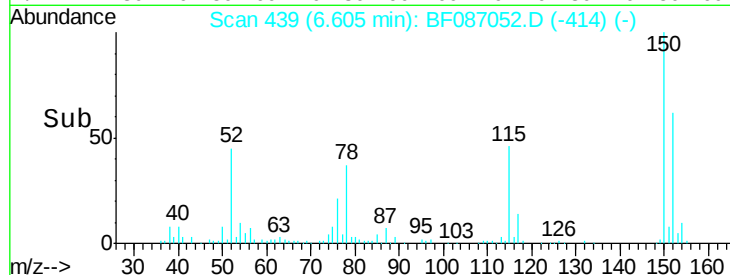
115 75.2 51.5 77.3



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: 38.14 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087052.D

Acq: 15 May 2016 6:48

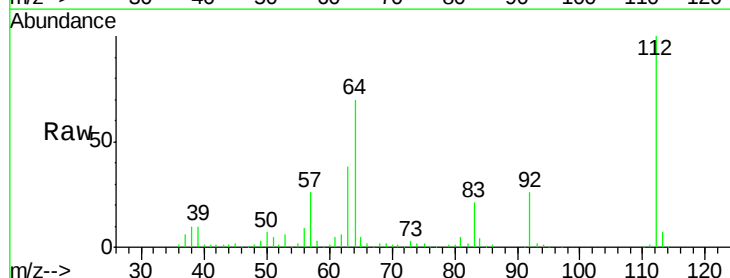
Tgt Ion:112 Resp: 332492

Ion Ratio Lower Upper

112 100

64 70.2 52.1 78.1

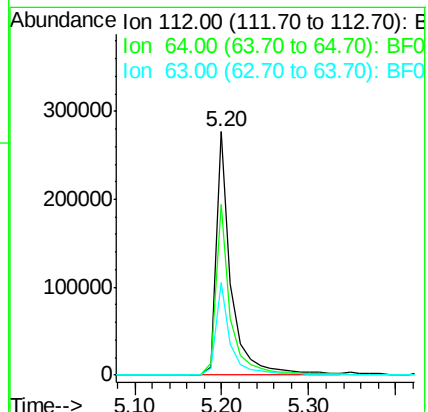
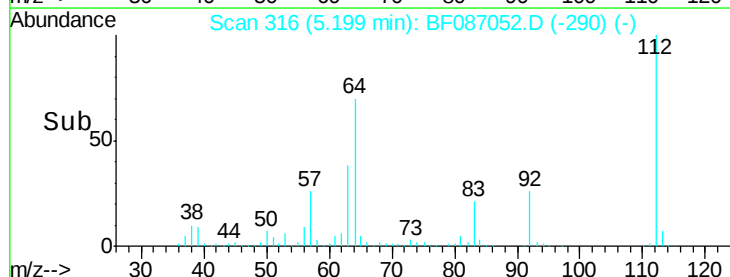
63 38.2 25.7 38.5

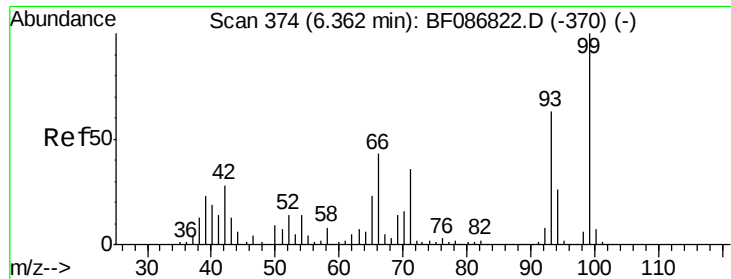


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.77 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087052.D

Acq: 15 May 2016 6:48

Instrument :

BNA_F

ClientSampleId :

MW-02

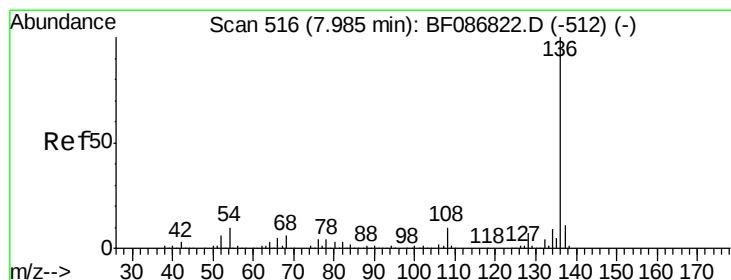
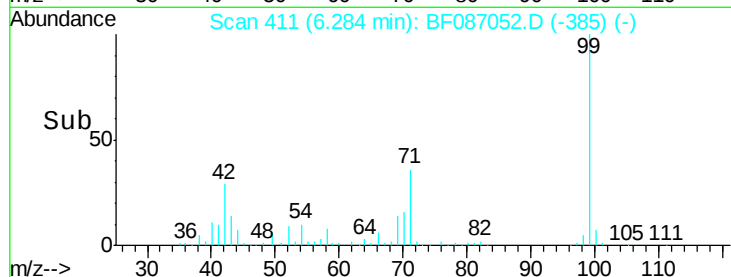
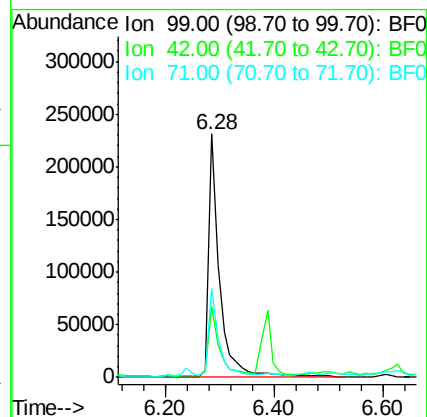
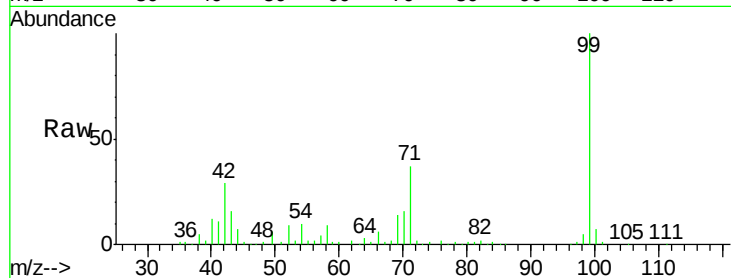
Tgt Ion: 99 Resp: 323530

Ion Ratio Lower Upper

99 100

42 29.1 13.6 20.4#

71 36.7 24.6 36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087052.D

Acq: 15 May 2016 6:48

Tgt Ion: 136 Resp: 565824

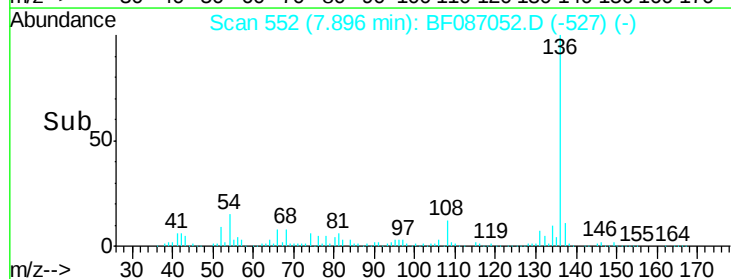
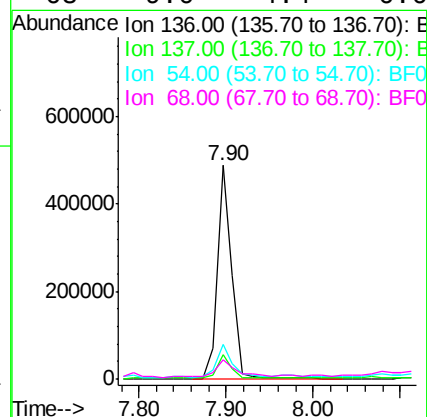
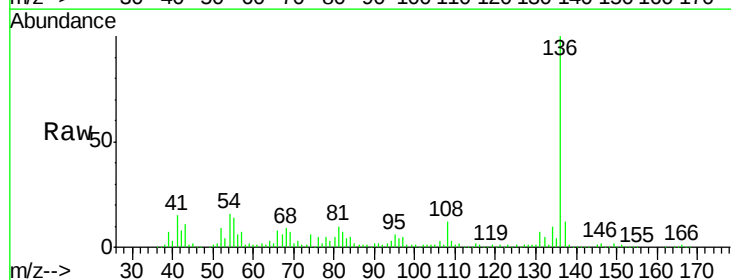
Ion Ratio Lower Upper

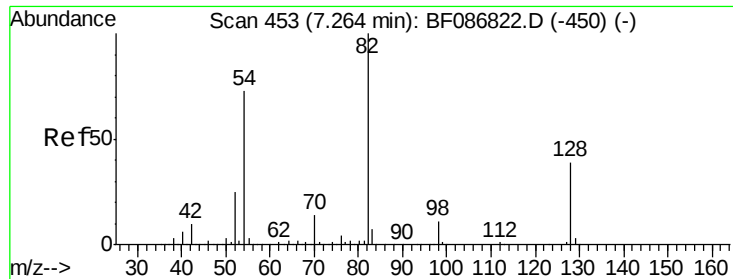
136 100

137 11.7 8.8 13.2

54 16.4 5.0 7.4#

68 9.0 4.4 6.6#

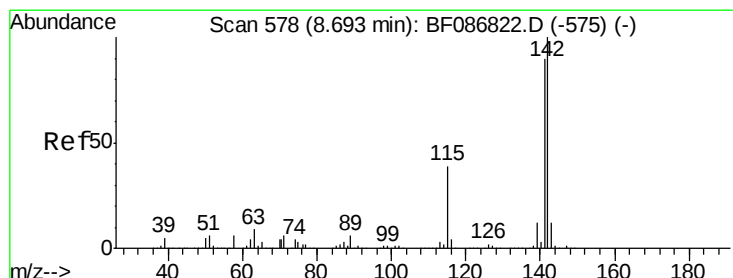
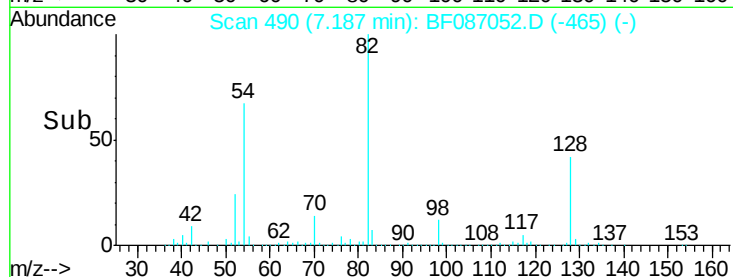
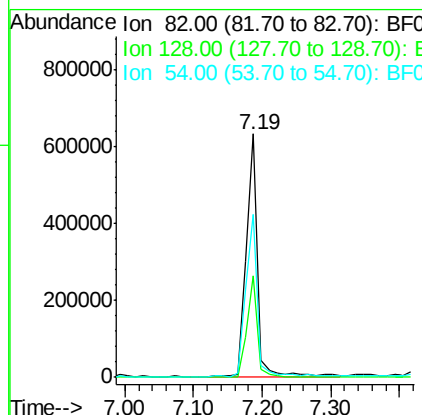
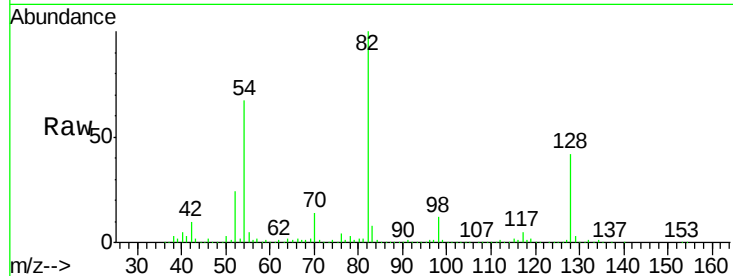




#23
 Nitrobenzene-d5
 Concen: 64.73 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087052.D
 Acq: 15 May 2016 6:48

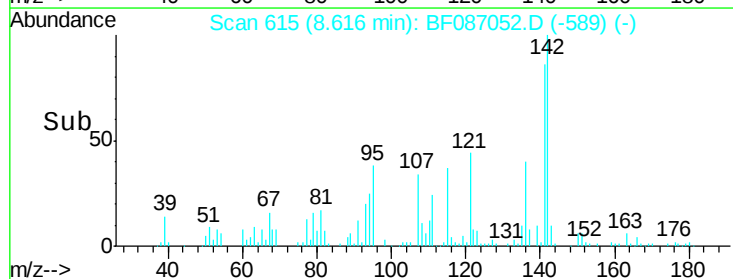
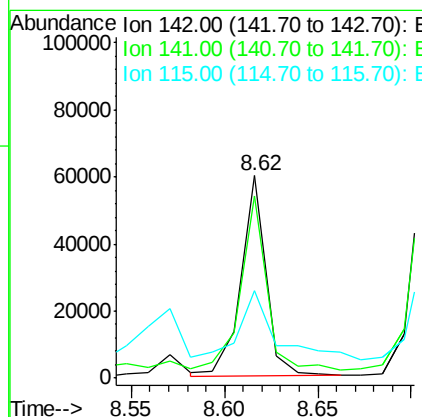
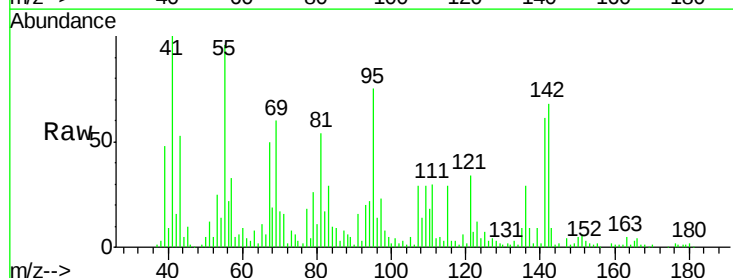
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

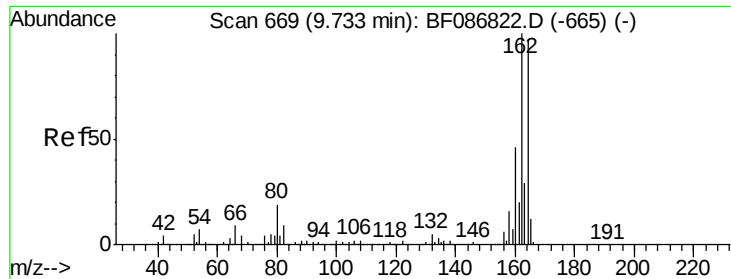
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	40.6	61.0
54	67.2	38.1	57.1#



#37
 2-Methylnaphthalene
 Concen: 3.37 ng
 RT: 8.62 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF087052.D
 Acq: 15 May 2016 6:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	43.3	26.6	39.8#

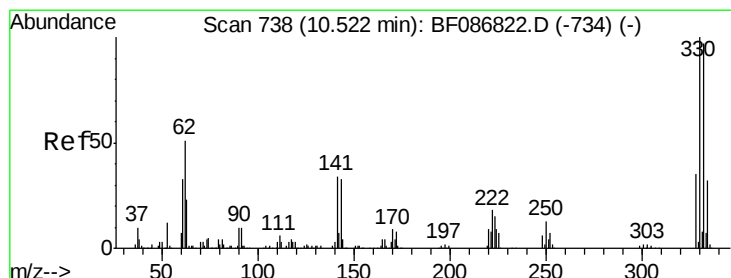
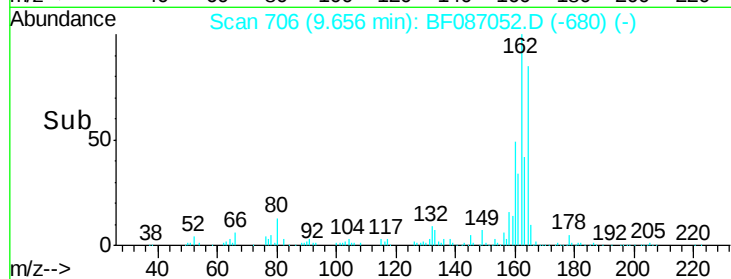
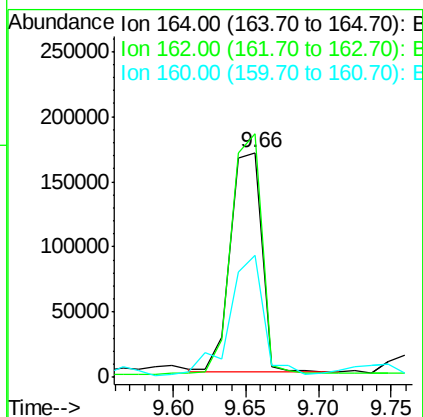
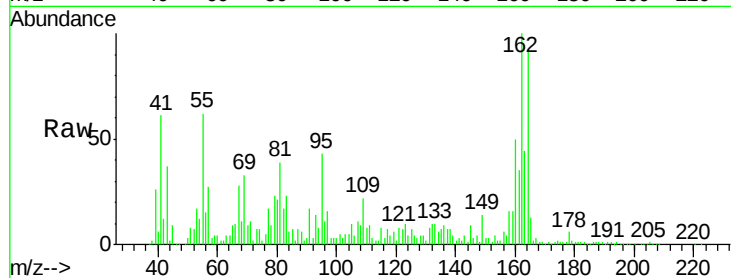




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF087052.D
 Acq: 15 May 2016 6:48

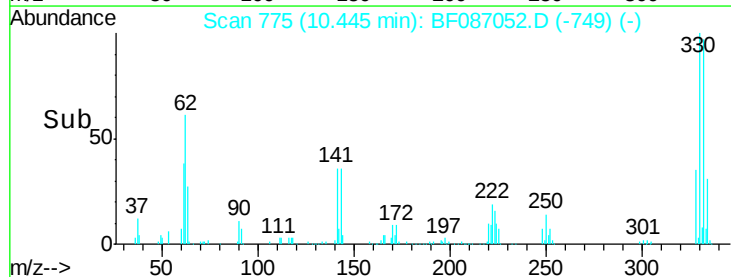
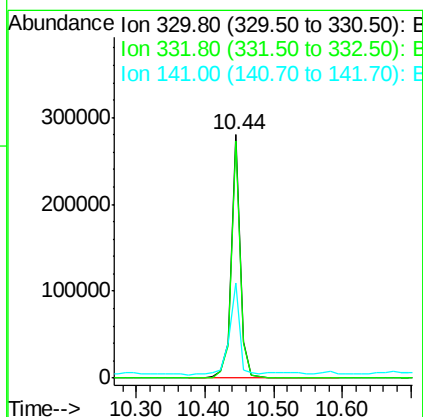
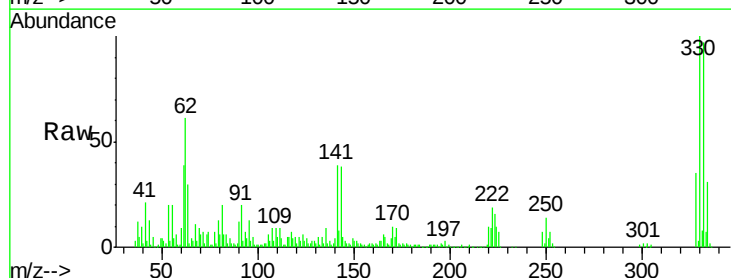
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

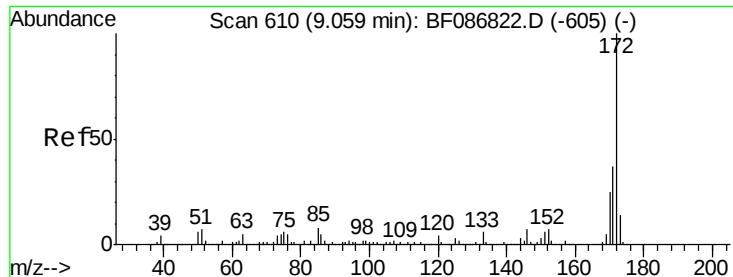
Tgt Ion:164 Resp: 253812
 Ion Ratio Lower Upper
 164 100
 162 108.2 82.8 124.2
 160 54.2 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 97.12 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087052.D
 Acq: 15 May 2016 6:48

Tgt Ion:330 Resp: 260976
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 41.6 31.2 46.8

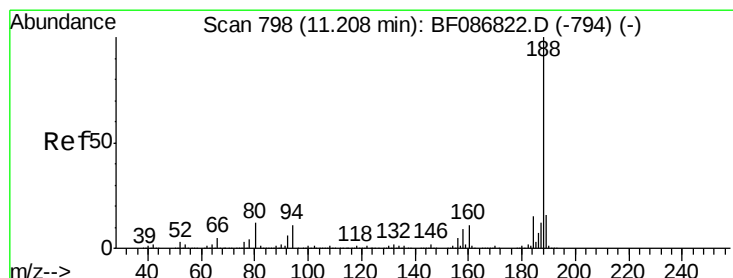
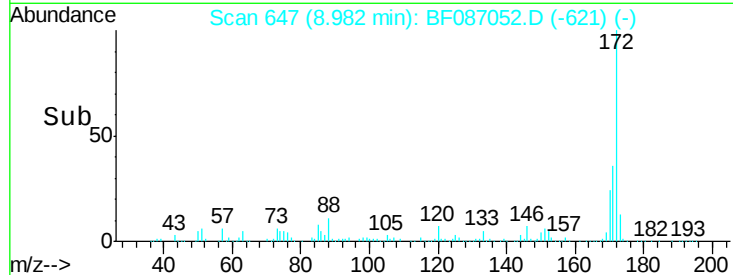
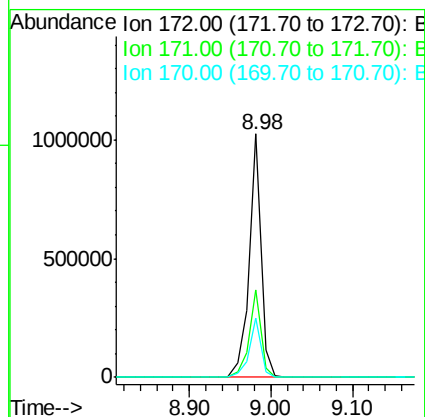
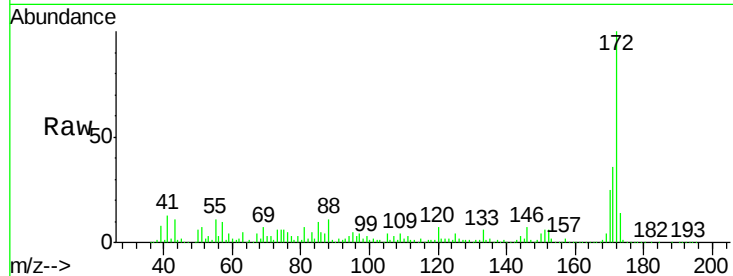




#44
2-Fluorobiphenyl
Concen: 68.52 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF087052.D
Acq: 15 May 2016 6:48

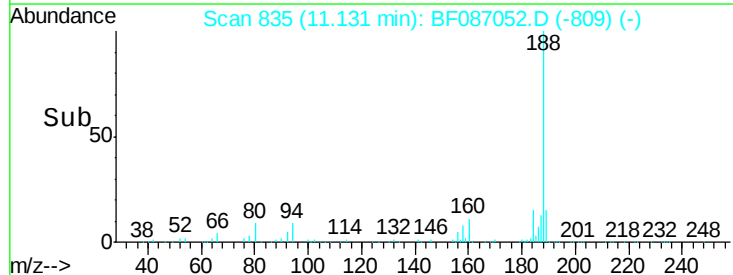
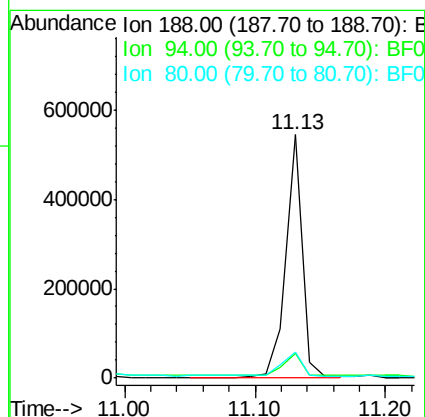
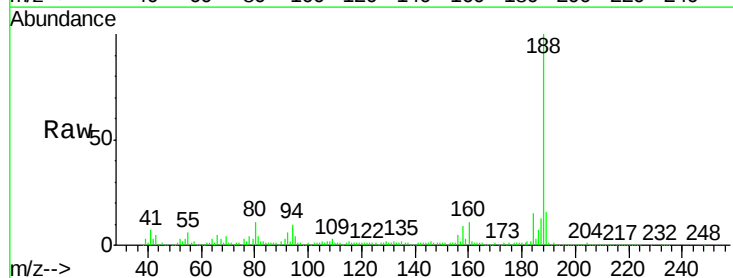
Instrument :
BNA_F
ClientSampleId :
MW-02

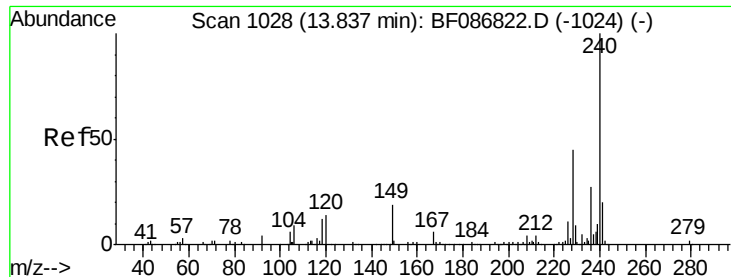
Tgt Ion:172 Resp: 1034727
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.5 19.8 29.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF087052.D
Acq: 15 May 2016 6:48

Tgt Ion:188 Resp: 481045
Ion Ratio Lower Upper
188 100
94 10.1 6.8 10.2
80 10.8 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087052.D

Acq: 15 May 2016 6:48

Instrument :

BNA_F

ClientSampleId :

MW-02

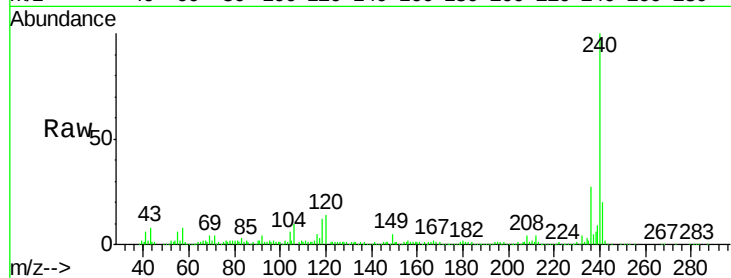
Tgt Ion:240 Resp: 331152

Ion Ratio Lower Upper

240 100

120 14.4 11.2 16.8

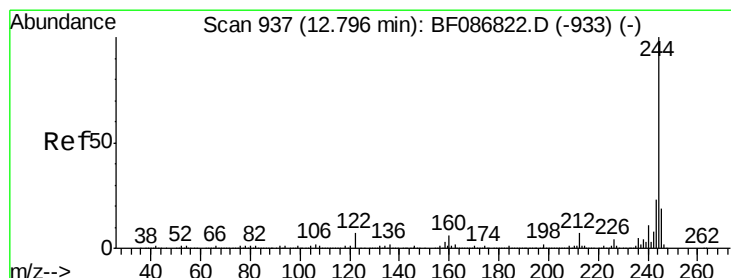
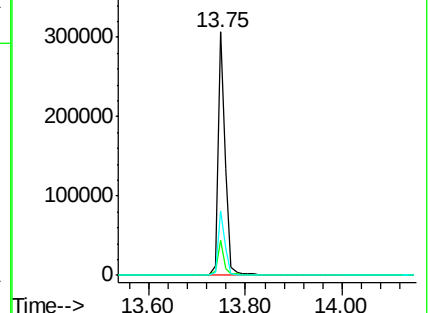
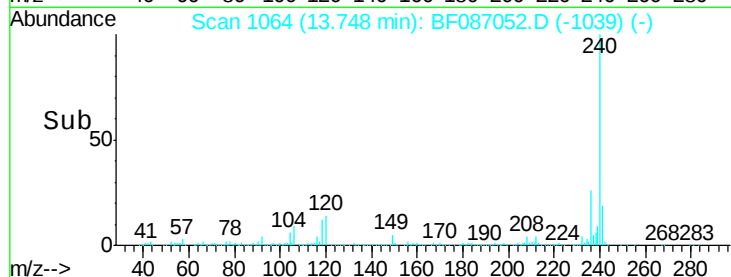
236 26.6 21.2 31.8



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: 49.45 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087052.D

Acq: 15 May 2016 6:48

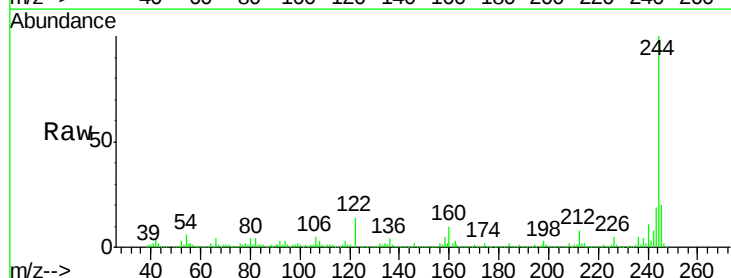
Tgt Ion:244 Resp: 771845

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

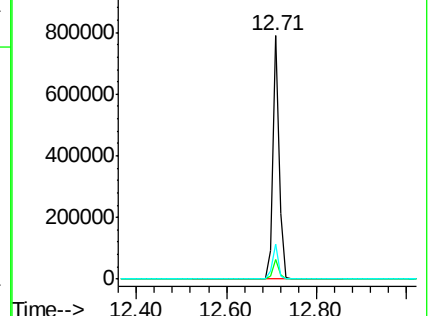
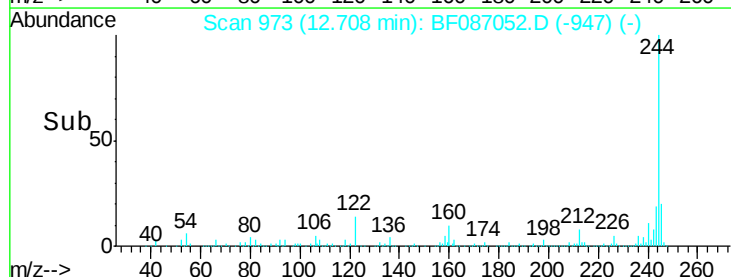
122 14.5 12.0 18.0

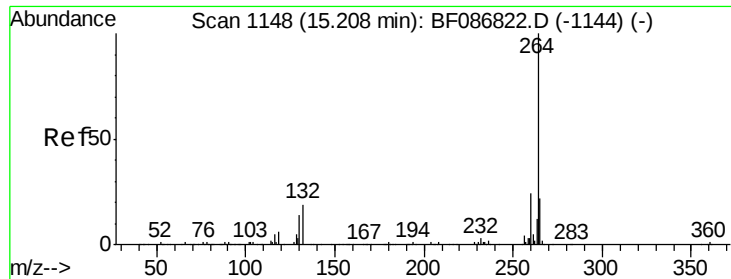


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

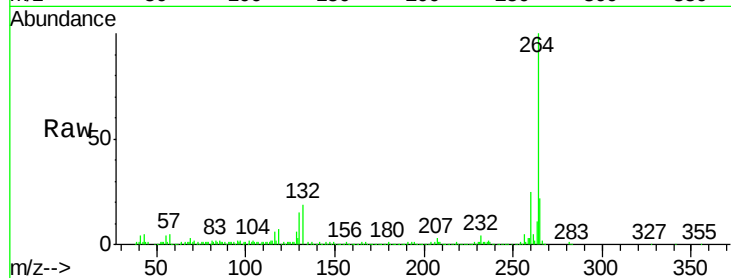




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087052.D
Acq: 15 May 2016 6:48

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 264 Resp: 315806
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 22.0 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

