

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087023.D
 Acq On : 14 May 2016 16:42
 Operator : UM/SJ
 Sample : H2947-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: May 16 02:22:50 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 01:11:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	132906	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	530079	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	252694	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	444584	20.00	ng	0.00
75) Chrysene-d12	13.75	240	300482	20.00	ng	-0.01
86) Perylene-d12	15.11	264	278843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	358155	45.64	ng	0.00
7) Phenol-d6	6.28	99	305144	29.09	ng	0.00
23) Nitrobenzene-d5	7.19	82	768419	72.79	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	338500	126.53	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1275182	84.81	ng	0.00
78) Terphenyl-d14	12.71	244	698235	49.30	ng	0.00

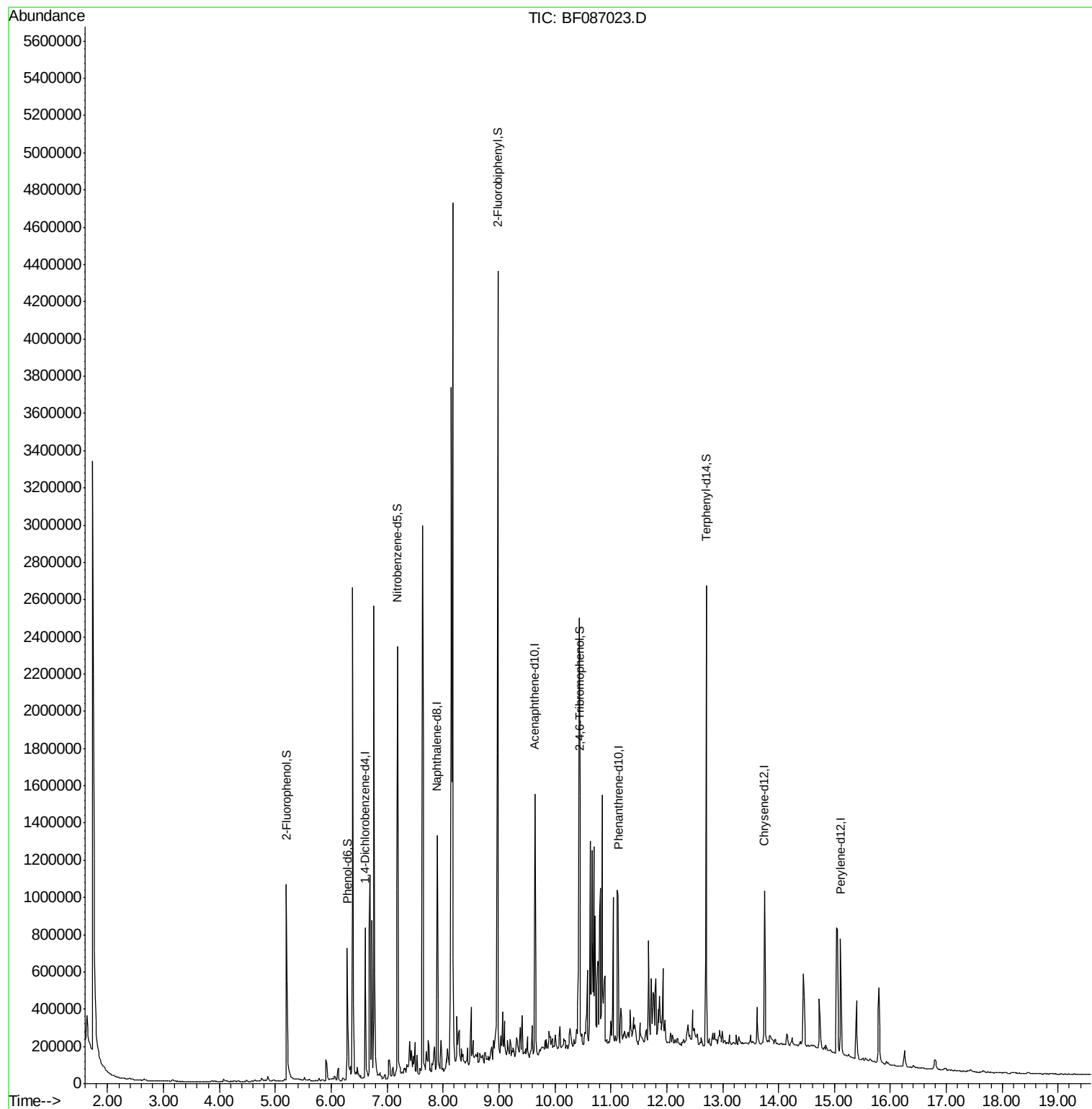
Target Compounds Qvalue

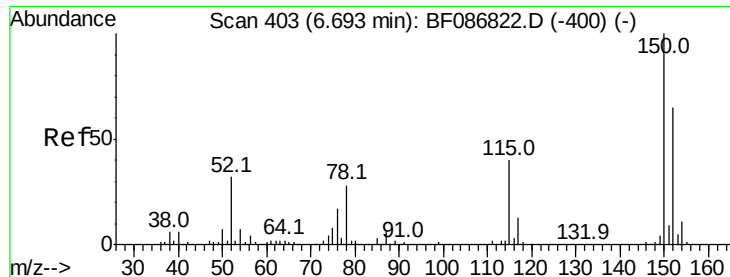
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF087023.D

Acq: 14 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

MW-14

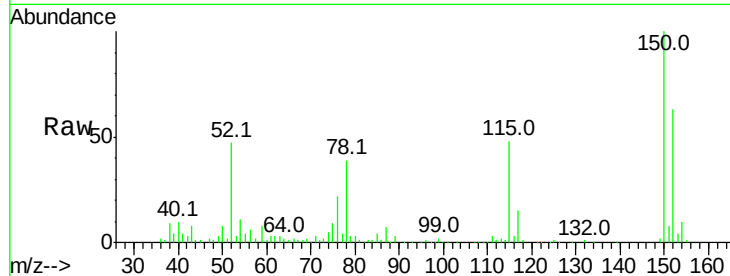
Tot Ion:152 Resp: 132906

Ion Ratio Lower Upper

152 100

150 159.3 125.8 188.6

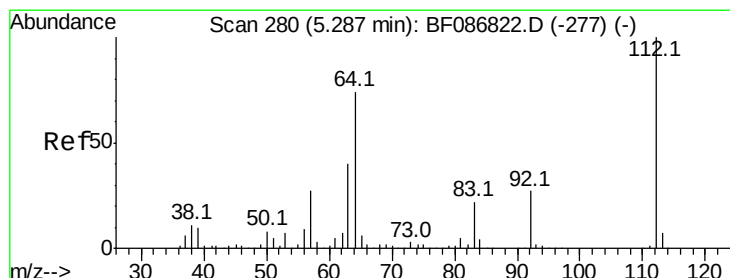
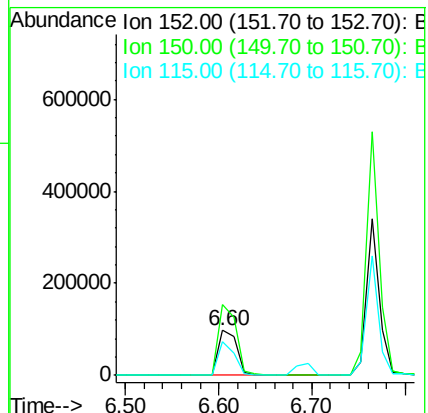
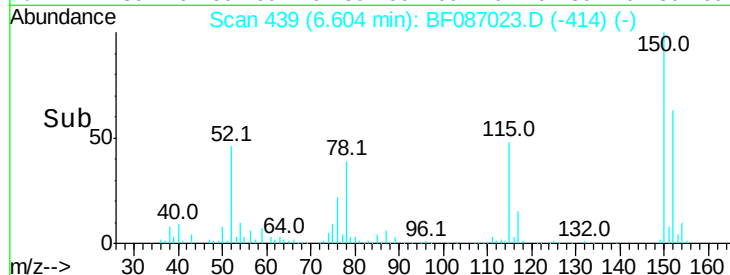
115 76.1 51.5 77.3



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: 45.64 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

Lab File: BF087023.D

Acq: 14 May 2016 16:42

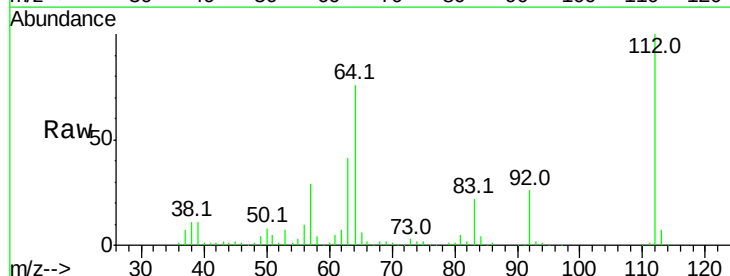
Tgt Ion:112 Resp: 358155

Ion Ratio Lower Upper

112 100

64 76.0 52.1 78.1

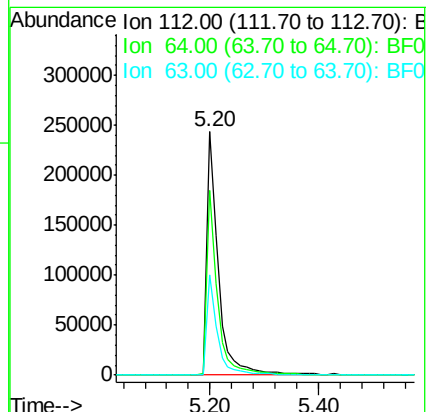
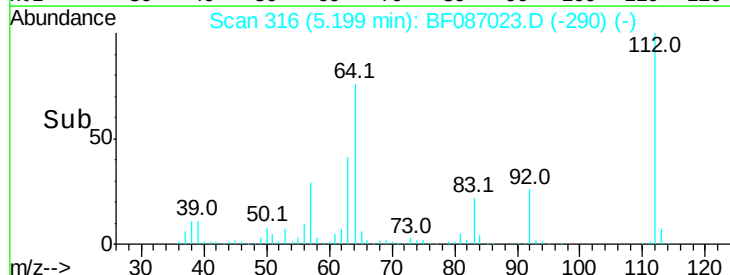
63 41.3 25.7 38.5#

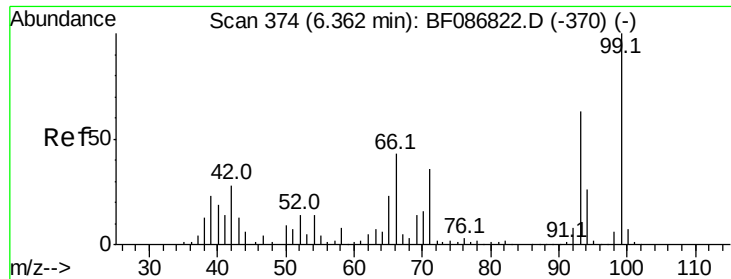


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.09 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF087023.D

Acq: 14 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

MW-14

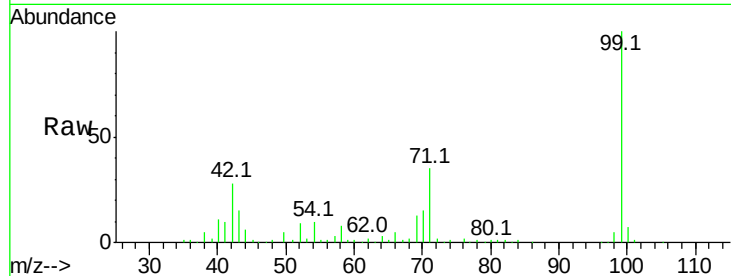
Tot Ion: 99 Resp: 305144

Ion Ratio Lower Upper

99 100

42 27.8 13.6 20.4#

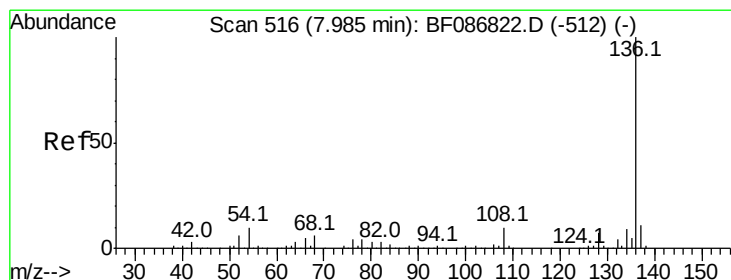
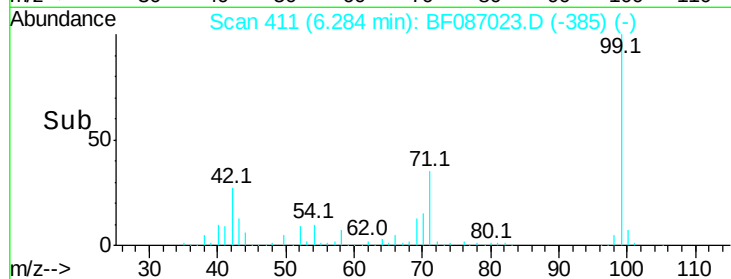
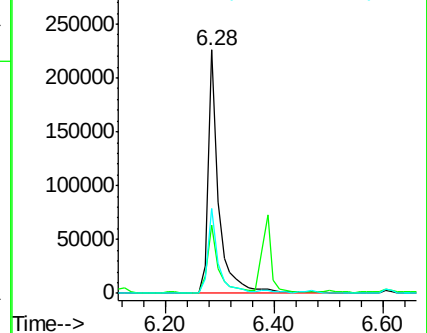
71 35.1 24.6 36.8



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: BF087023.D

Acq: 14 May 2016 16:42

Tgt Ion: 136 Resp: 530079

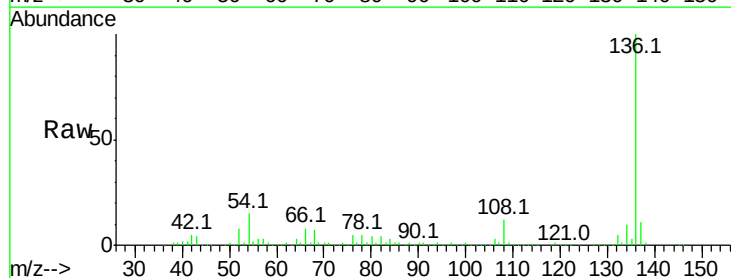
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 14.7 5.0 7.4#

68 7.4 4.4 6.6#

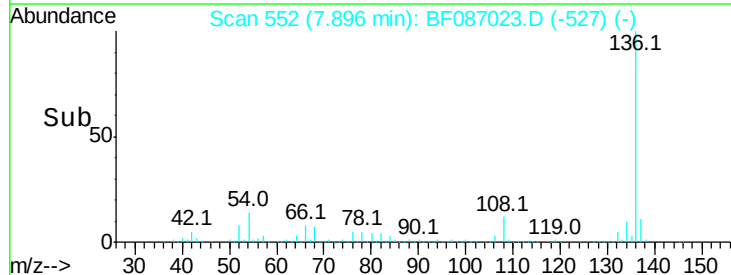
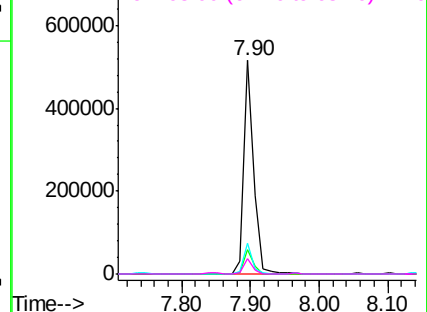


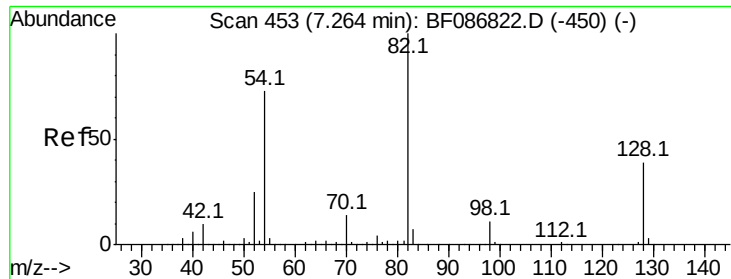
Abundance Ion 136.00 (135.70 to 136.70): E

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

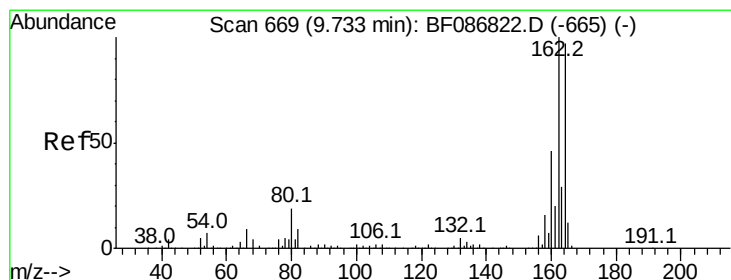
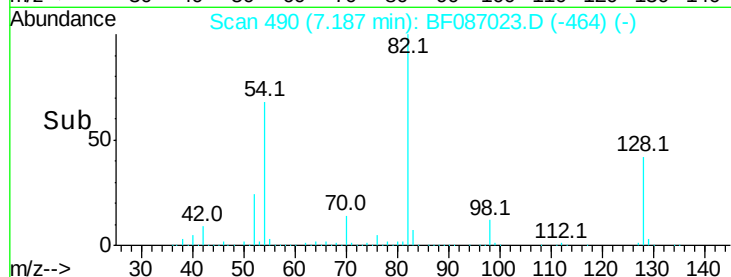
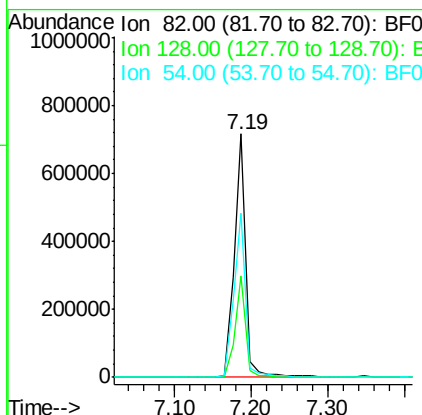
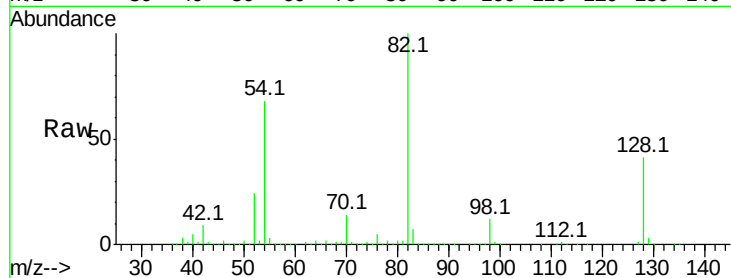




#23
 Nitrobenzene-d5
 Concen: 72.79 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF087023.D
 Acq: 14 May 2016 16:42

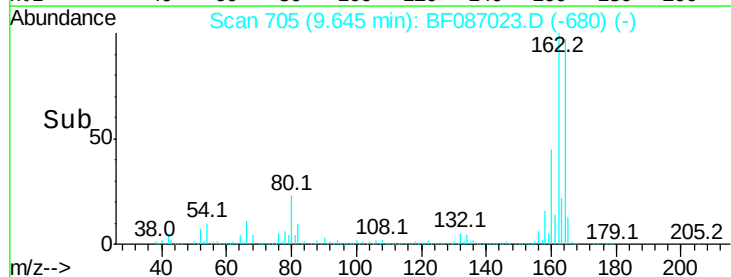
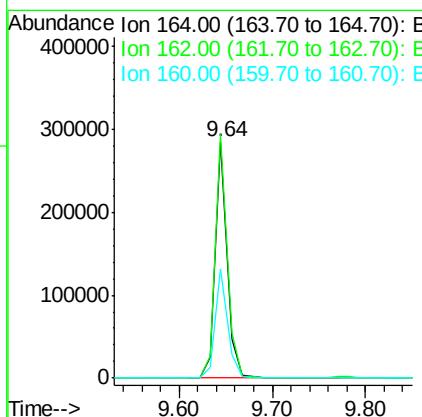
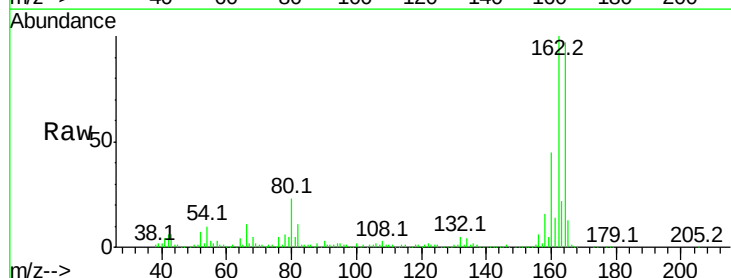
Instrument :
 BNA_F
 ClientSampleID :
 MW-14

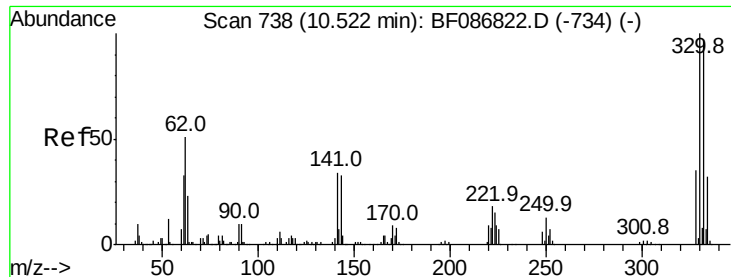
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	40.6	61.0
54	67.6	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087023.D
 Acq: 14 May 2016 16:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	46.4	36.9	55.3

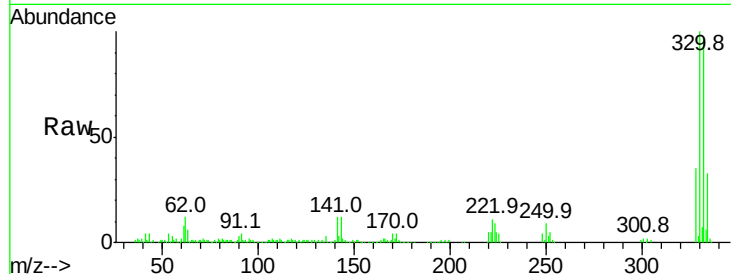




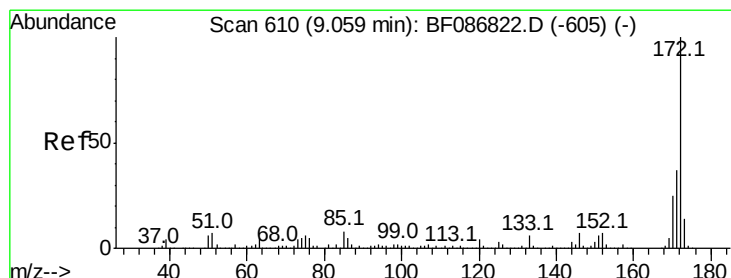
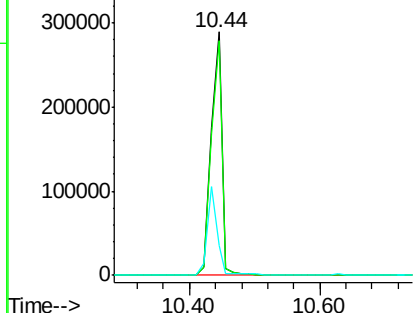
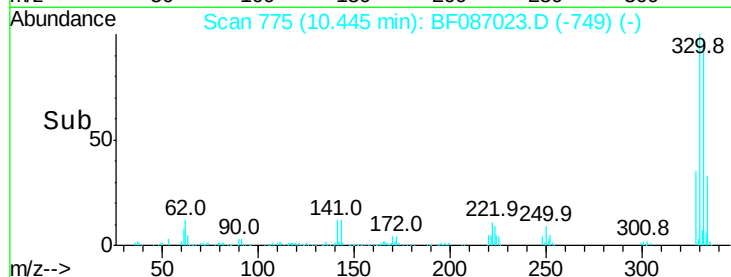
#41
 2,4,6-Tribromophenol
 Concen: 126.53 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF087023.D
 Acq: 14 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	32.2	31.2	46.8

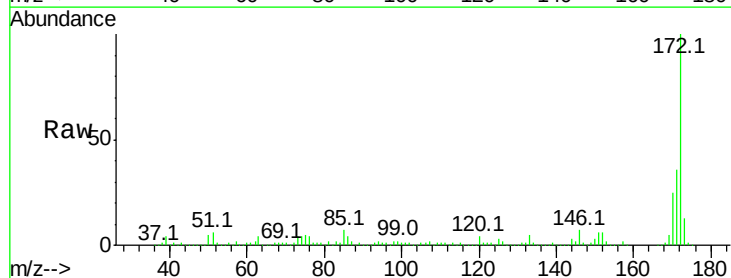


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

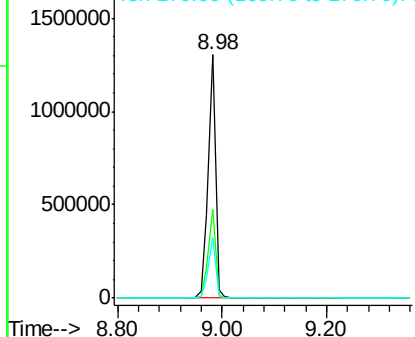
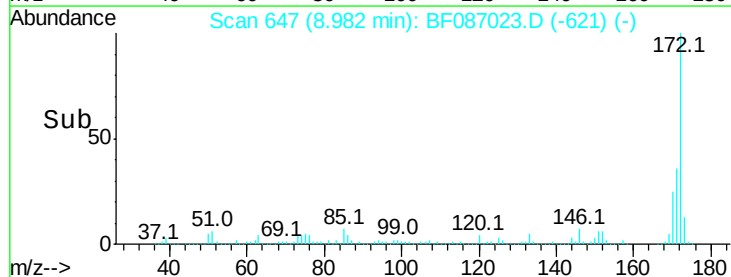


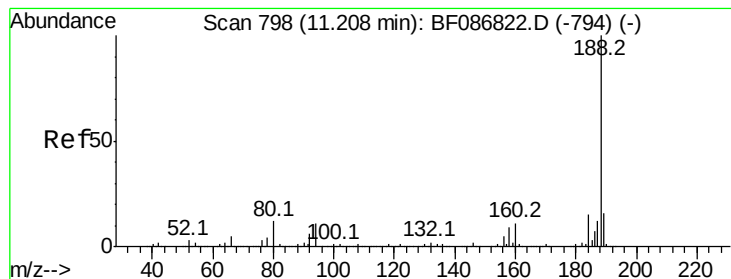
#44
 2-Fluorobiphenyl
 Concen: 84.81 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF087023.D
 Acq: 14 May 2016 16:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.8	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: 11.13 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF087023.D

Acq: 14 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

MW-14

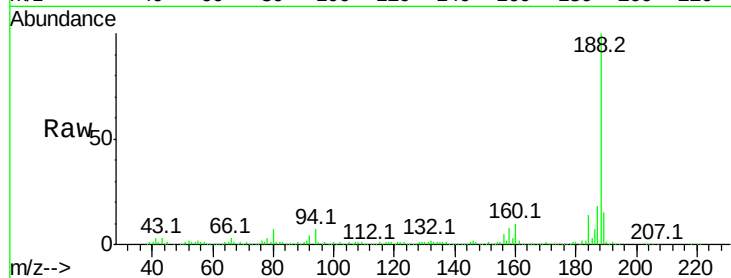
Tot Ion:188 Resp: 444584

Ion Ratio Lower Upper

188 100

94 6.5 6.8 10.2#

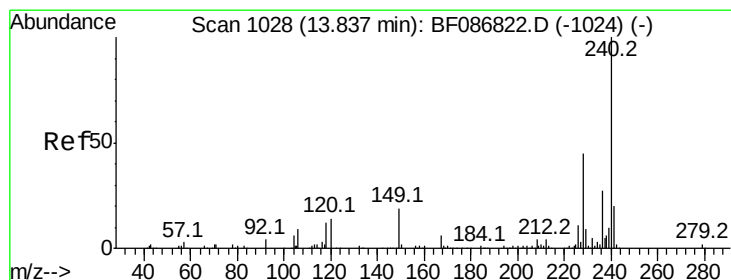
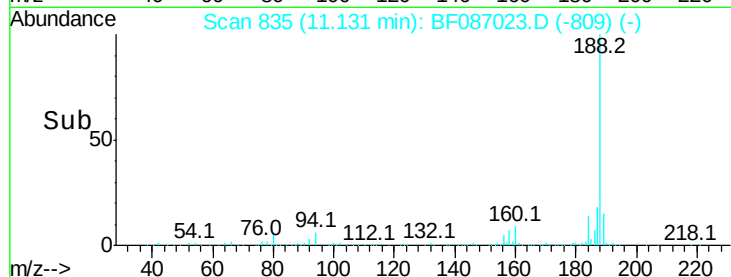
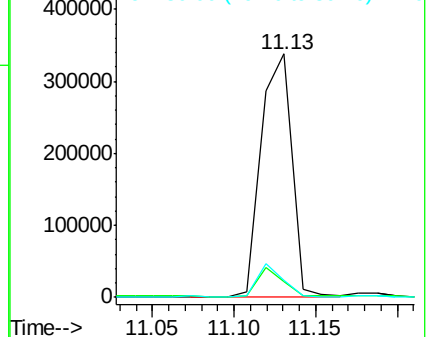
80 6.8 7.1 10.7#



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087023.D

Acq: 14 May 2016 16:42

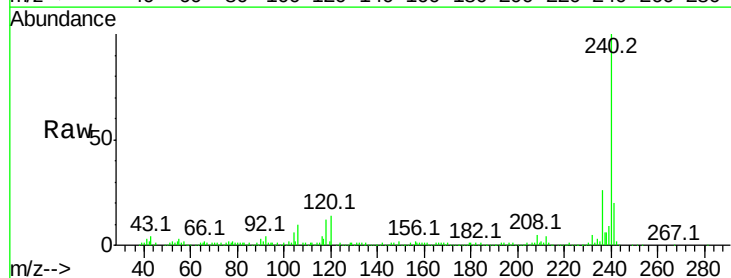
Tgt Ion:240 Resp: 300482

Ion Ratio Lower Upper

240 100

120 14.3 11.2 16.8

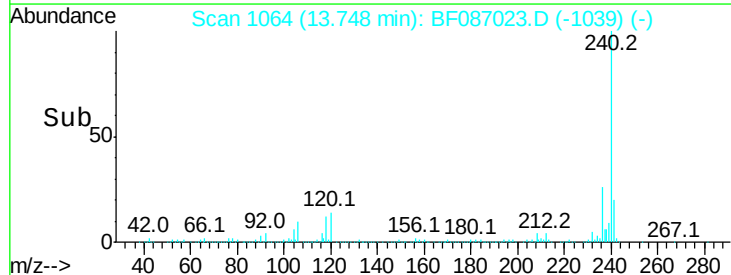
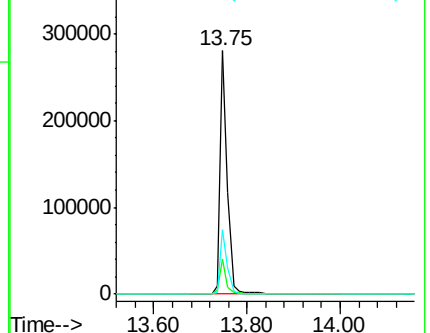
236 26.5 21.2 31.8

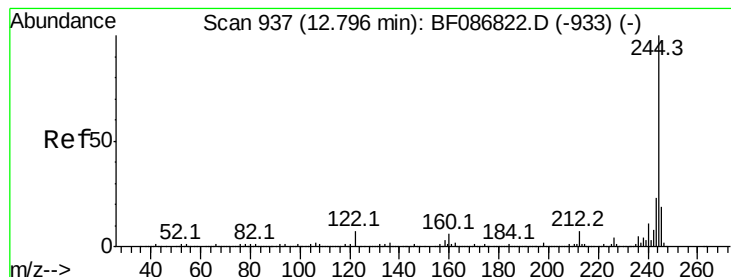


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 49.30 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF087023.D

Acq: 14 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

MW-14

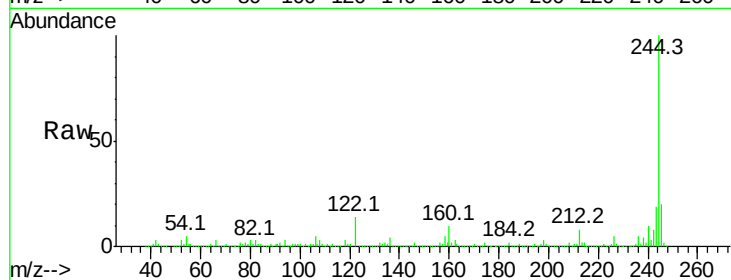
Tot Ion:244 Resp: 698235

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

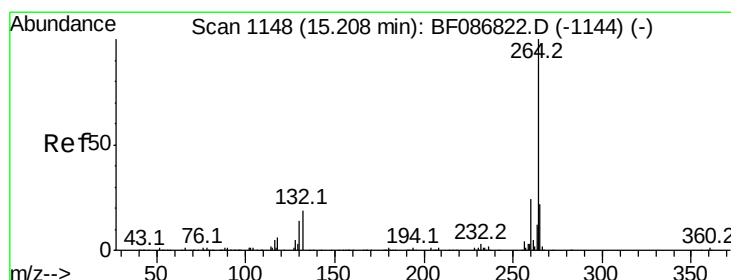
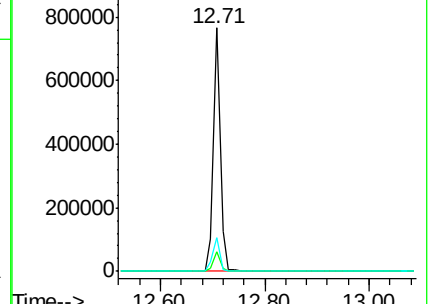
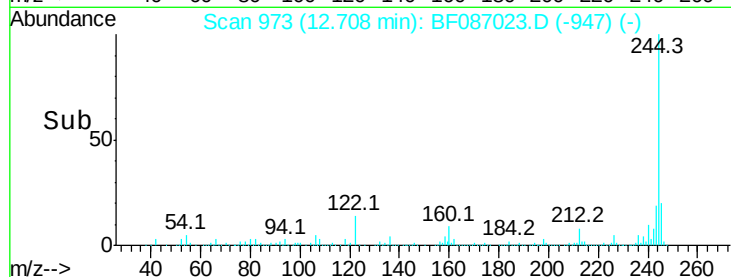
122 13.7 12.0 18.0



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: BF087023.D

Acq: 14 May 2016 16:42

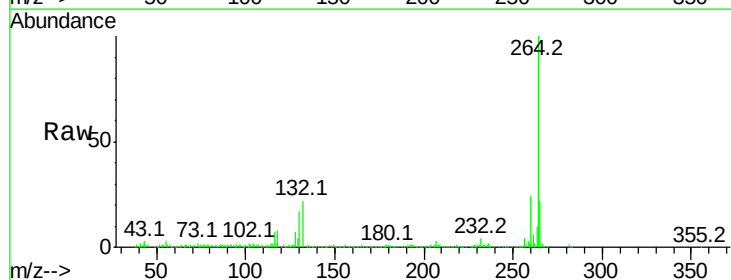
Tgt Ion:264 Resp: 278843

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 22.3 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

