

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087016.D
 Acq On : 14 May 2016 13:18
 Operator : UM/SJ
 Sample : H2947-14
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: May 16 01:58:14 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	6.62	152	146435	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	599789	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	290071	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	532186	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	374563	20.00	ng	-0.01
86) Perylene-d12	15.11	264	306235	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	618478	71.53	ng	0.00
7) Phenol-d6	6.27	99	513211	44.41	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1096404	91.79	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	414292	134.91	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1675973	97.10	ng	0.00
78) Terphenyl-d14	12.71	244	1555856	88.13	ng	0.00

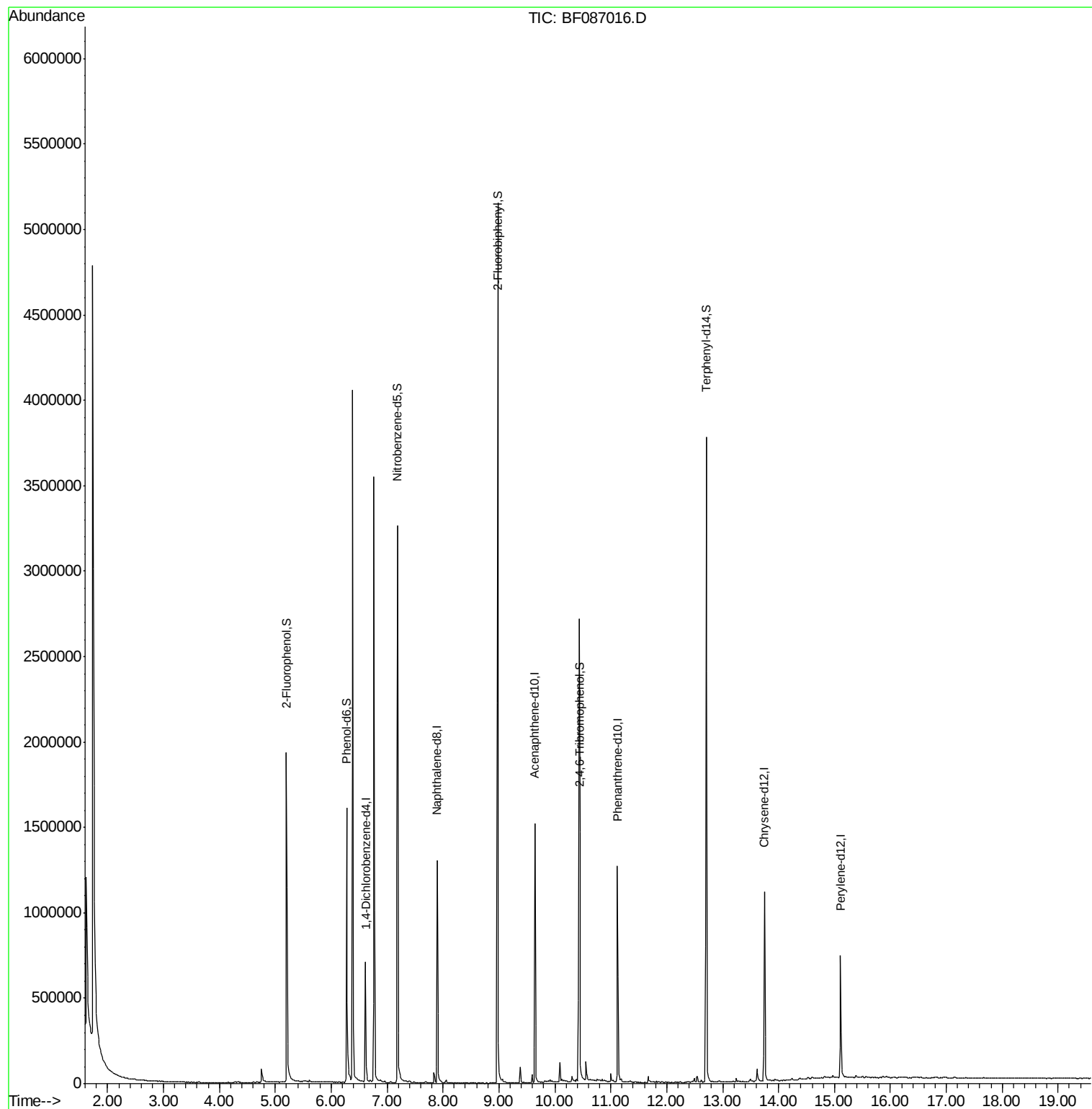
Target Compounds Qvalue

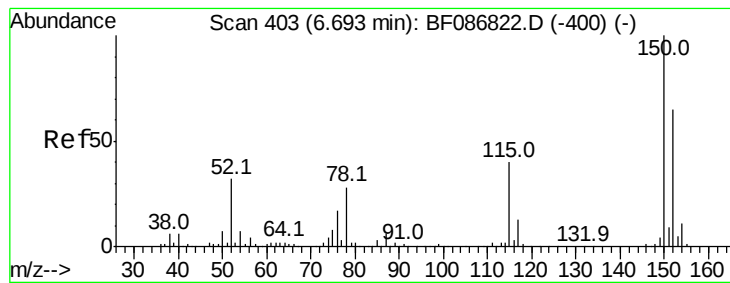
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF087016.D

Acq: 14 May 2016 13:18

Instrument :

BNA_F

ClientSampled :

MW-05

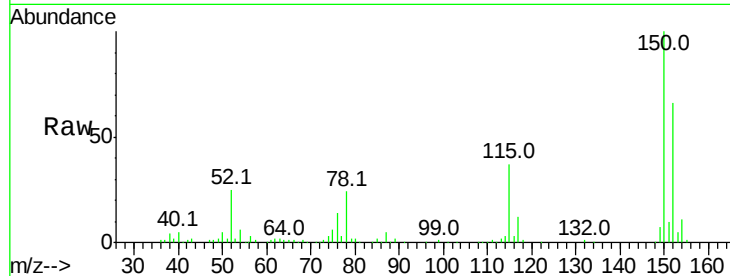
Tot Ion:152 Resp: 146435

Ion Ratio Lower Upper

152 100

150 152.4 125.8 188.6

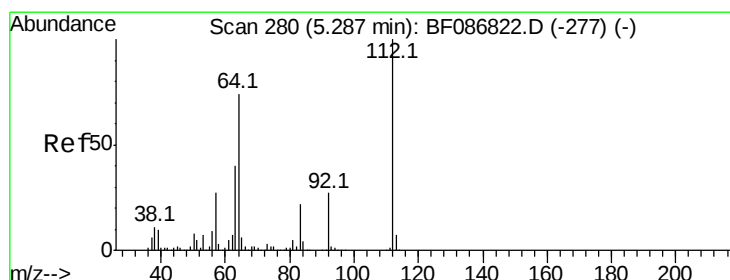
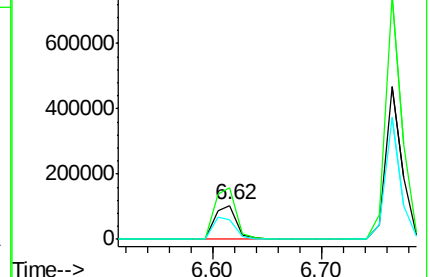
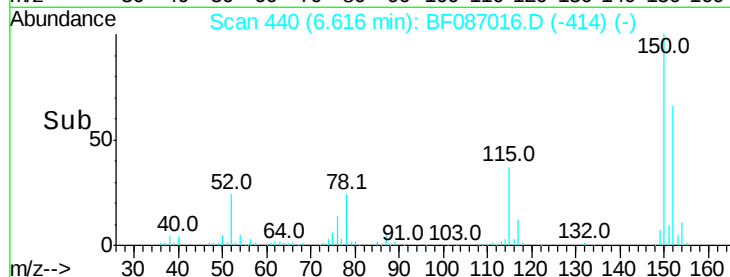
115 56.9 51.5 77.3



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: 71.53 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

Lab File: BF087016.D

Acq: 14 May 2016 13:18

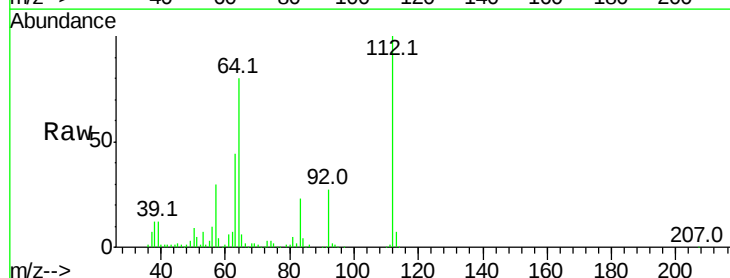
Tgt Ion:112 Resp: 618478

Ion Ratio Lower Upper

112 100

64 80.2 52.1 78.1#

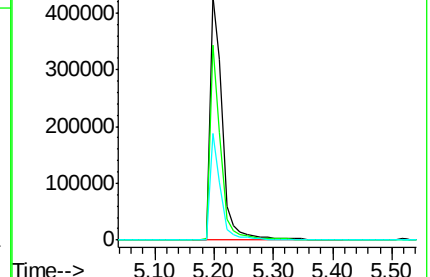
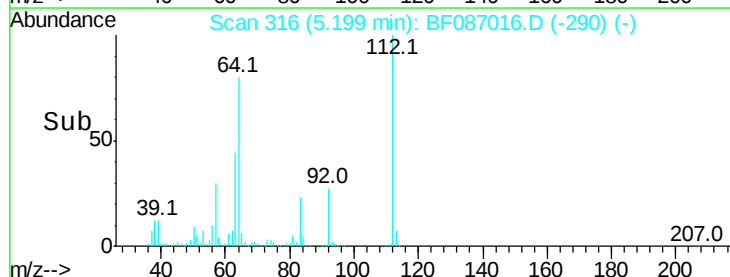
63 43.6 25.7 38.5#

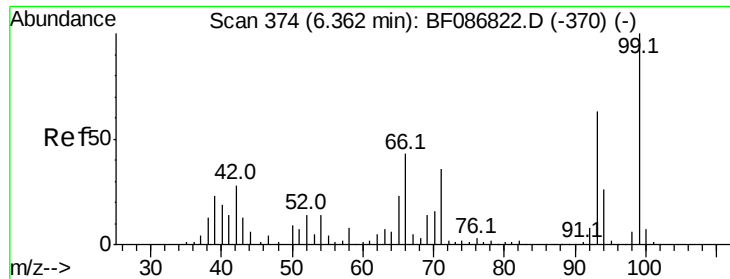


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.41 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087016.D

Acq: 14 May 2016 13:18

Instrument :

BNA_F

ClientSampleId :

MW-05

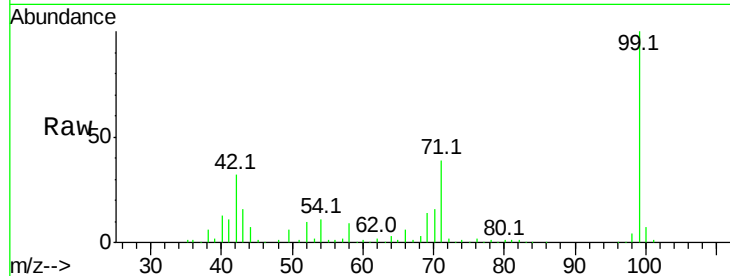
Tot Ion: 99 Resp: 513211

Ion Ratio Lower Upper

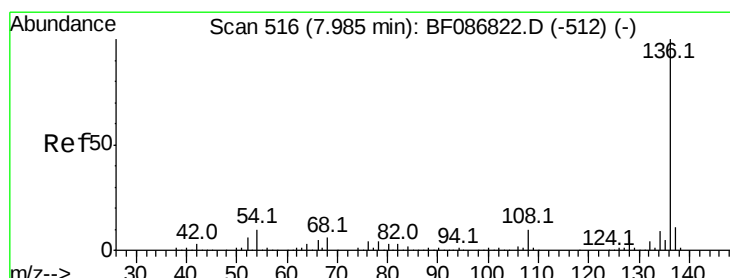
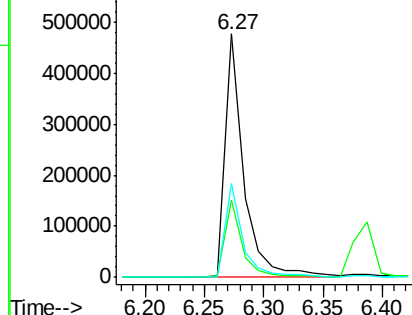
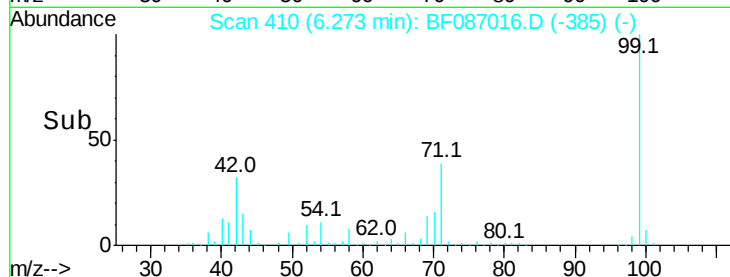
99 100

42 31.6 13.6 20.4#

71 38.8 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: BF087016.D

Acq: 14 May 2016 13:18

Tgt Ion: 136 Resp: 599789

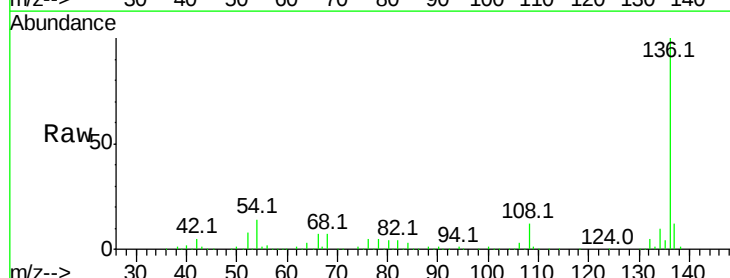
Ion Ratio Lower Upper

136 100

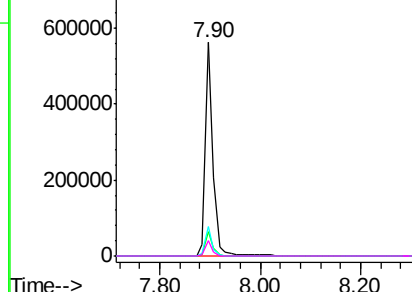
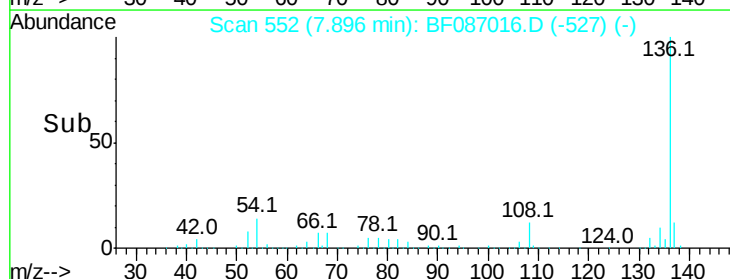
137 11.5 8.8 13.2

54 14.0 5.0 7.4#

68 7.2 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

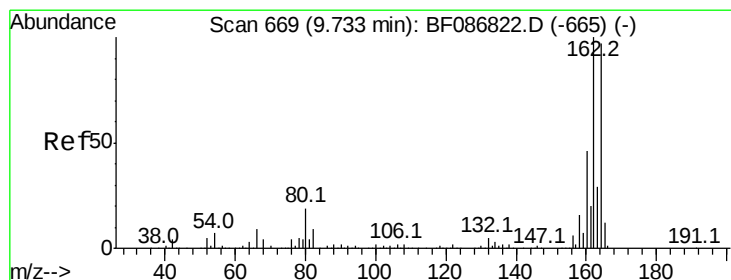
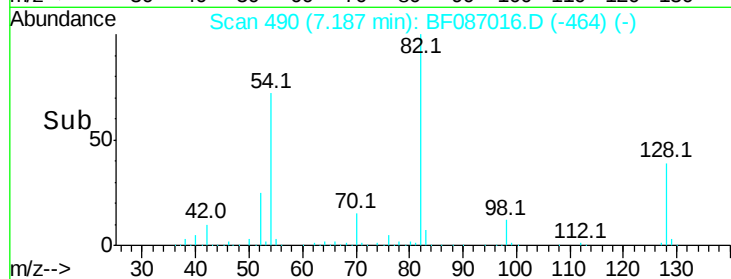
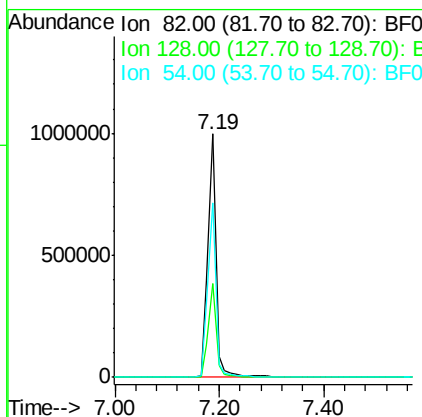
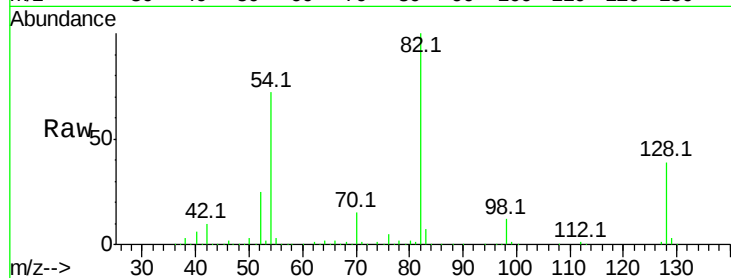




#23
 Nitrobenzene-d5
 Concen: 91.79 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF087016.D
 Acq: 14 May 2016 13:18

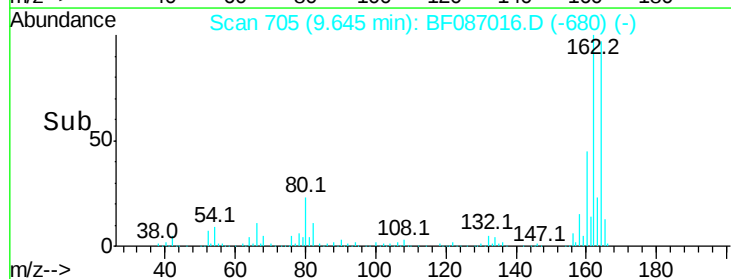
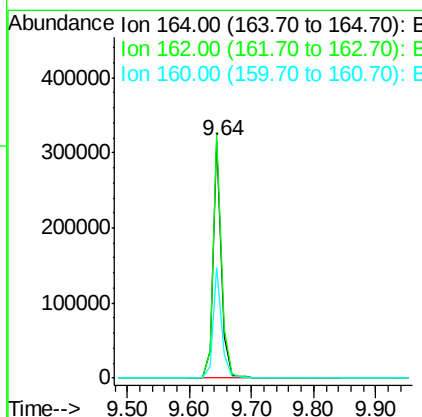
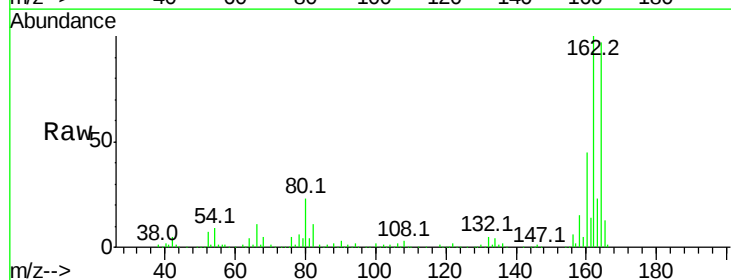
Instrument :
 BNA_F
 ClientSampled :
 MW-05

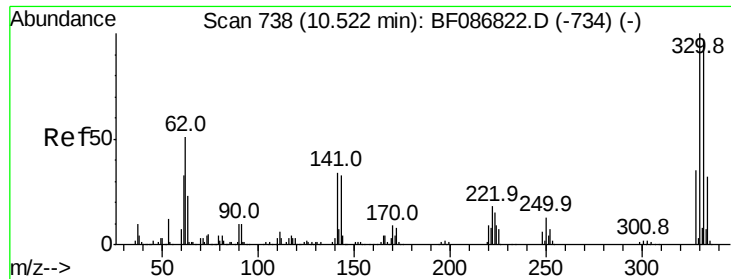
Tot Ion: 82 Resp: 1096404
 Ion Ratio Lower Upper
 82 100
 128 38.7 40.6 61.0#
 54 71.6 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087016.D
 Acq: 14 May 2016 13:18

Tgt Ion:164 Resp: 290071
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.8 124.2
 160 46.6 36.9 55.3

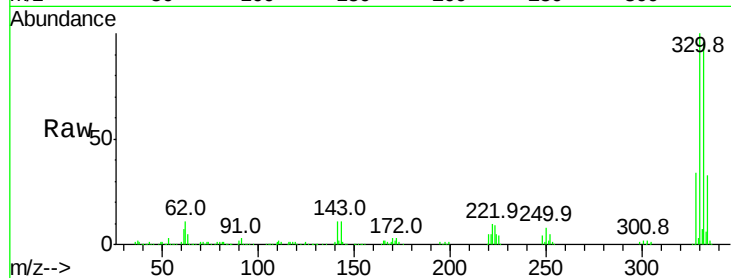




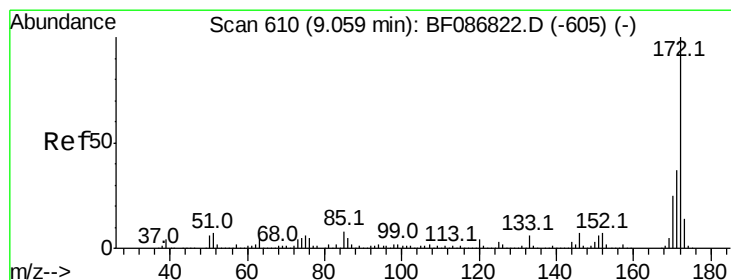
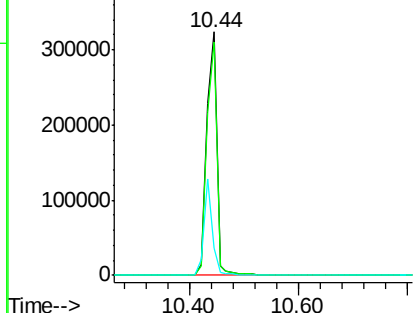
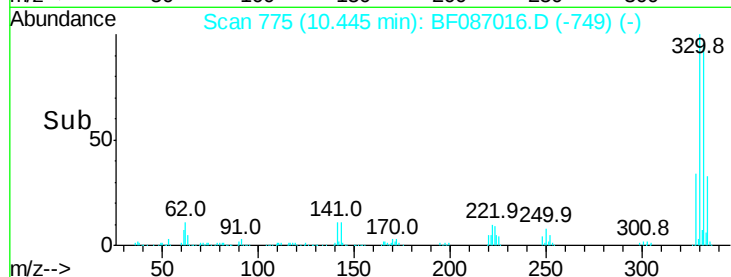
#41
 2,4,6-Tribromophenol
 Concen: 134.91 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF087016.D
 Acq: 14 May 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tot Ion:330 Resp: 414292
 Ion Ratio Lower Upper
 330 100
 332 95.5 79.0 118.4
 141 32.2 31.2 46.8

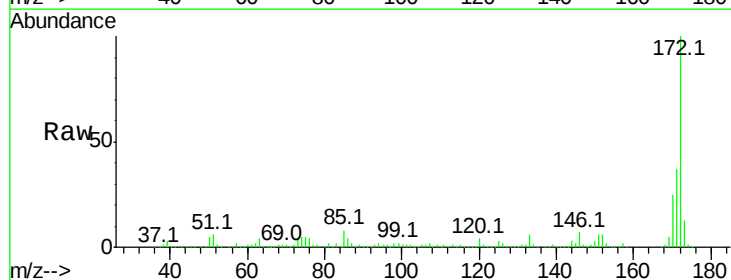


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

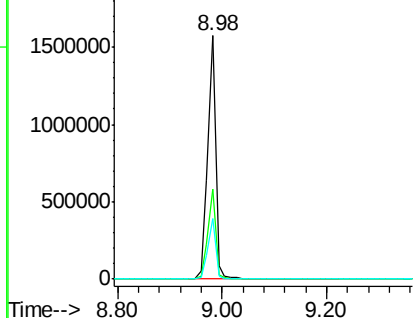
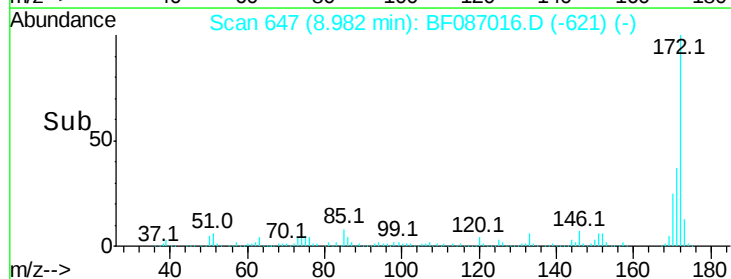


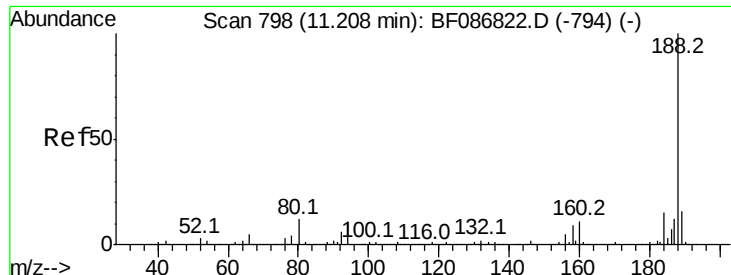
#44
 2-Fluorobiphenyl
 Concen: 97.10 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF087016.D
 Acq: 14 May 2016 13:18

Tgt Ion:172 Resp: 1675973
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 25.1 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

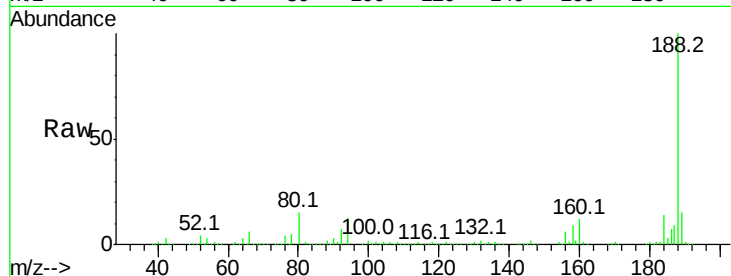




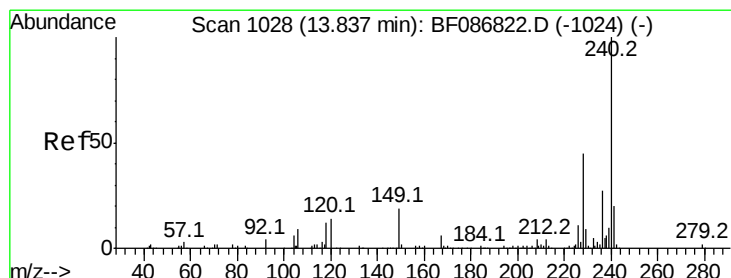
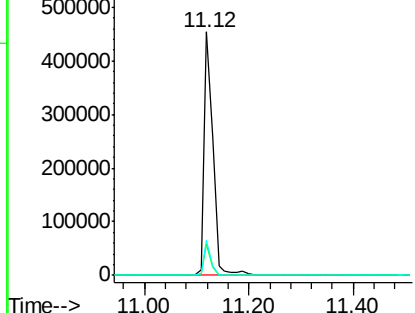
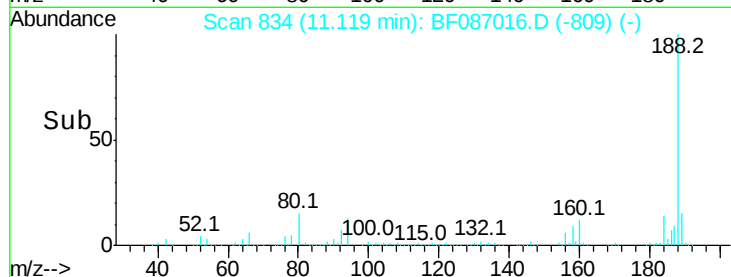
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087016.D
Acq: 14 May 2016 13:18

Instrument :
BNA_F
ClientSampleId :
MW-05

Tot Ion:188 Resp: 532186
Ion Ratio Lower Upper
188 100
94 12.6 6.8 10.2#
80 14.6 7.1 10.7#

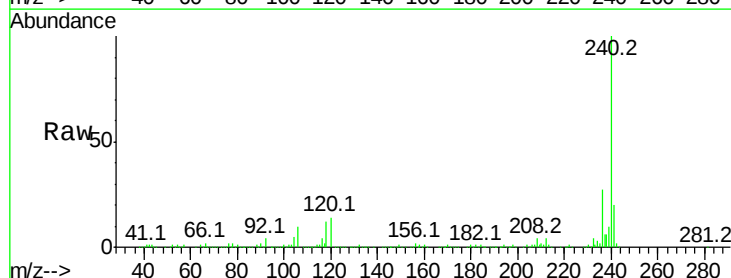


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

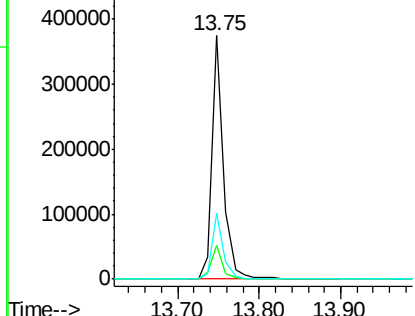
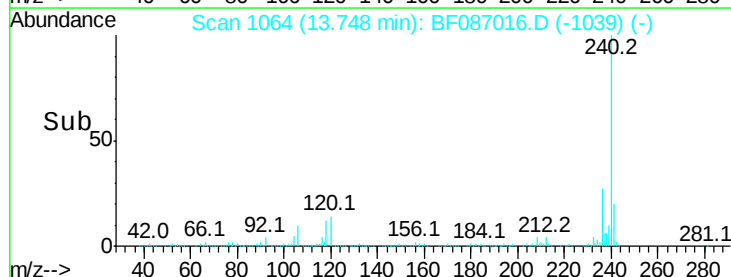


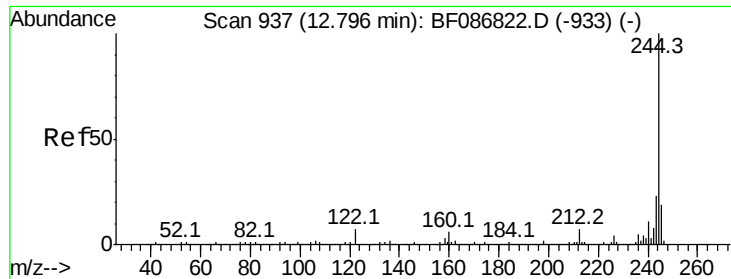
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087016.D
Acq: 14 May 2016 13:18

Tgt Ion:240 Resp: 374563
Ion Ratio Lower Upper
240 100
120 13.9 11.2 16.8
236 26.8 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: 88.13 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF087016.D

Acq: 14 May 2016 13:18

Instrument :

BNA_F

ClientSampled :

MW-05

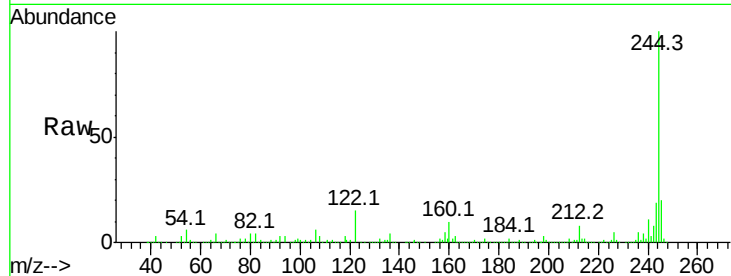
Tot Ion:244 Resp: 1555856

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

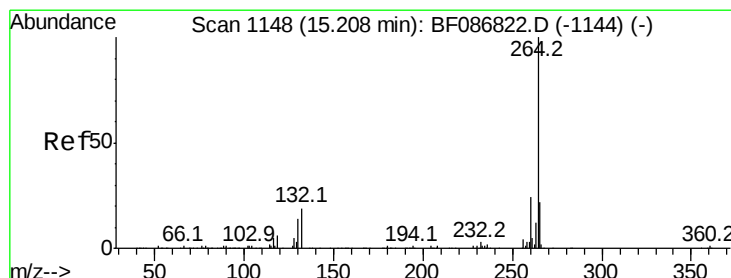
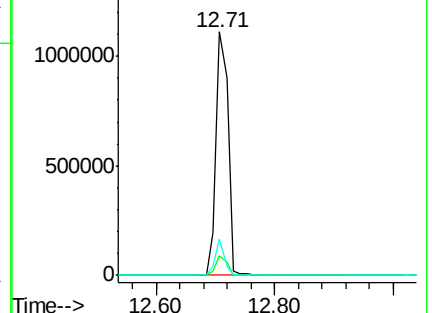
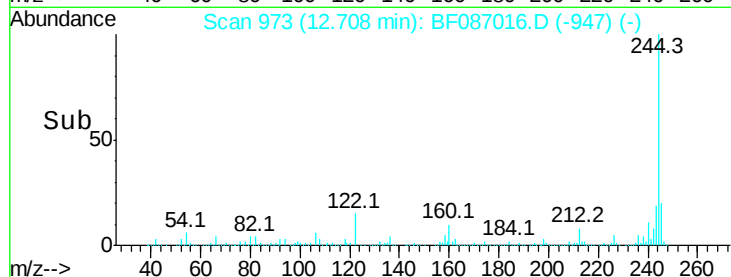
122 14.8 12.0 18.0



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: BF087016.D

Acq: 14 May 2016 13:18

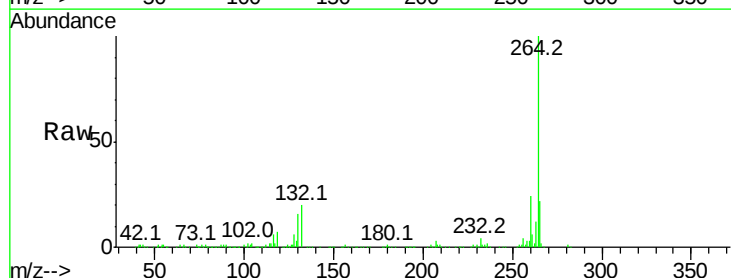
Tgt Ion:264 Resp: 306235

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.8 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

