

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
 Data File : BM010064.D
 Acq On : 16 May 2017 21:39
 Operator : SJ/MA
 Sample : I3180-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-170515-05

Quant Time: May 17 04:48:54 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

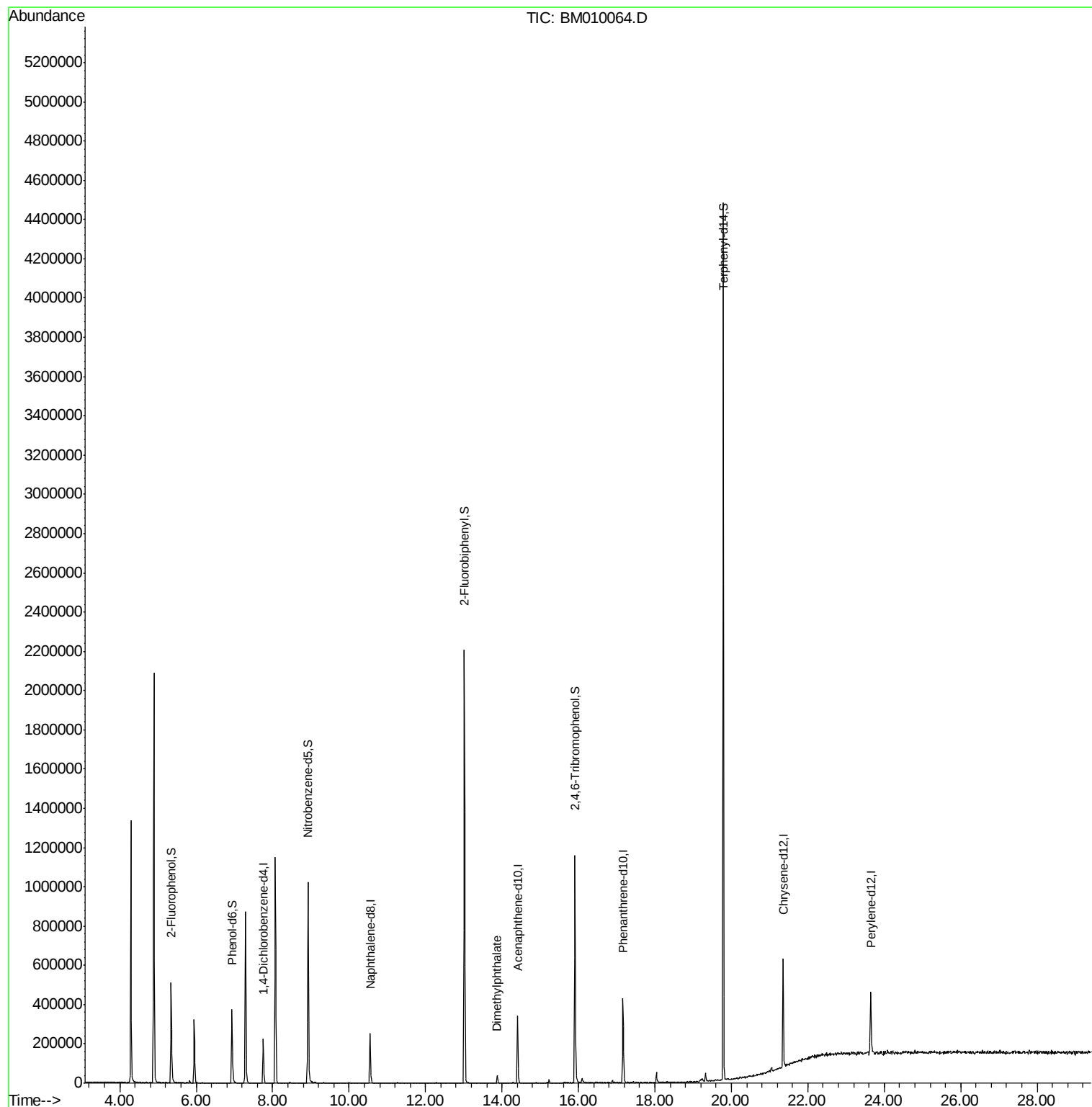
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	41006	20.00	ng	-0.03
21) Naphthalene-d8	10.55	136	158300	20.00	ng	-0.03
38) Acenaphthene-d10	14.40	164	94884	20.00	ng	-0.04
63) Phenanthrene-d10	17.16	188	224843	20.00	ng	-0.04
75) Chrysene-d12	21.36	240	248161	20.00	ng	-0.03
86) Perylene-d12	23.64	264	213748	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	148256	56.58	ng	-0.02
7) Phenol-d6	6.93	99	158776	37.82	ng	-0.04
23) Nitrobenzene-d5	8.93	82	553312	127.74	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	130156	100.23	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	865540	121.99	ng	-0.04
78) Terphenyl-d14	19.79	244	1410323	119.77	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	13.87	163	21387	2.56	ng	# 95

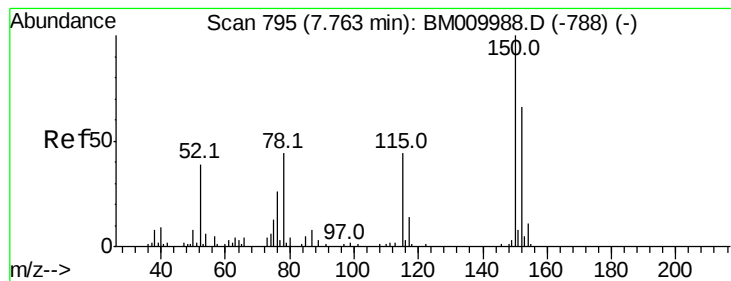
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 793

Delta R.T. -0.03 min

Lab File: BM010064.D

Acq: 16 May 2017 21:39

Instrument :

BNA_M

ClientSampleId :

EFF-170515-05

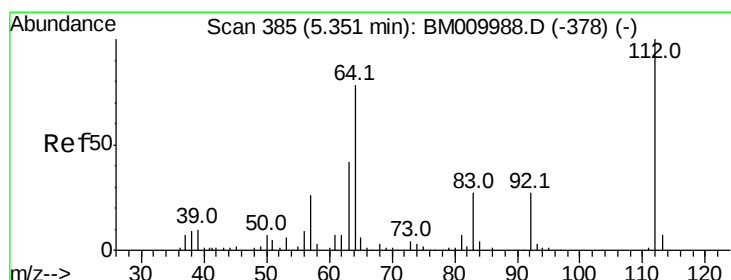
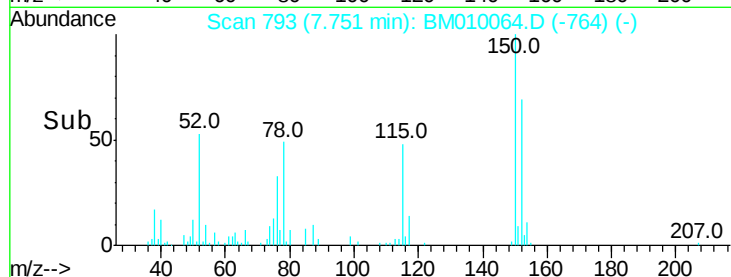
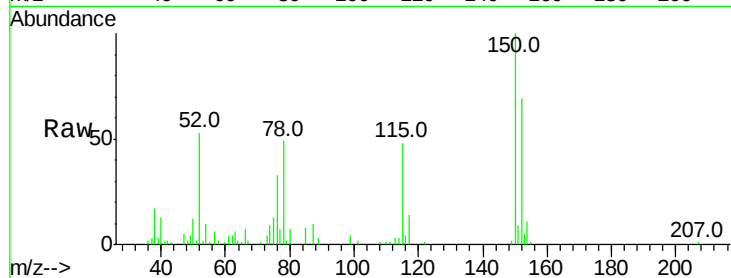
Tot Ion:152 Resp: 41006

Ion Ratio Lower Upper

152 100

150 145.4 119.5 179.3

115 69.5 43.0 64.4#



#5

2-Fluorophenol

Concen: 56.58 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM010064.D

Acq: 16 May 2017 21:39

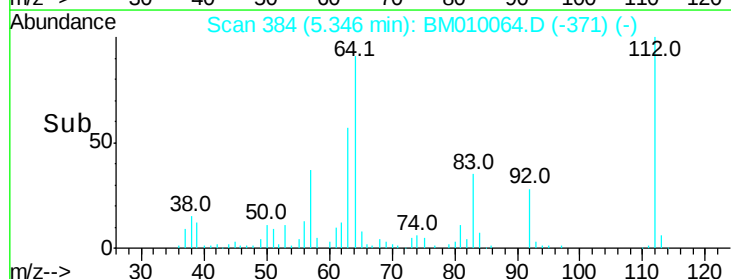
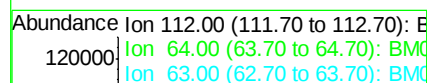
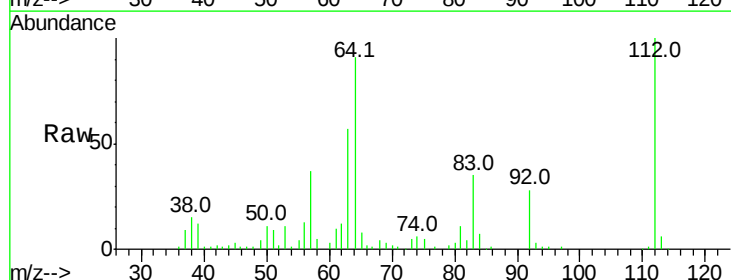
Tgt Ion:112 Resp: 148256

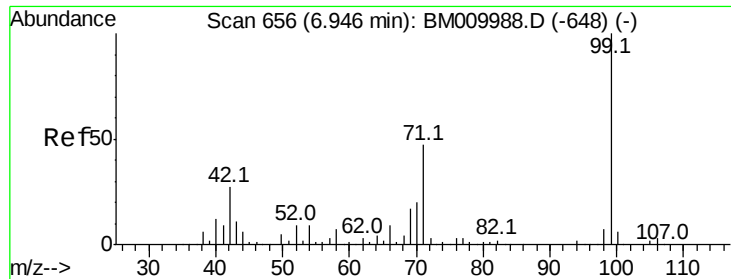
Ion Ratio Lower Upper

112 100

64 91.0 38.6 57.8#

63 56.9 19.3 28.9#





#7

Phenol-d6

Concen: 37.82 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.04 min

Lab File: BM010064.D

Acq: 16 May 2017 21:39

Instrument :

BNA_M

ClientSampleId :

EFF-170515-05

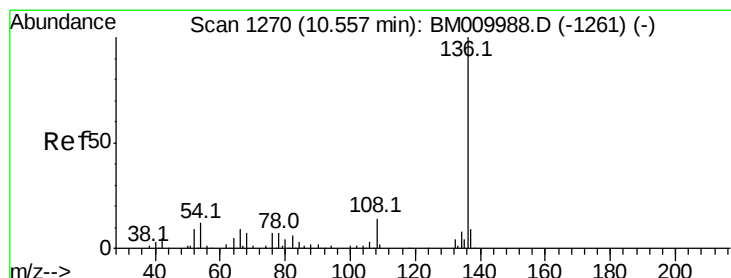
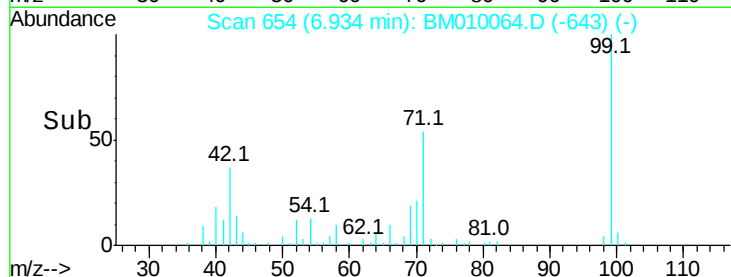
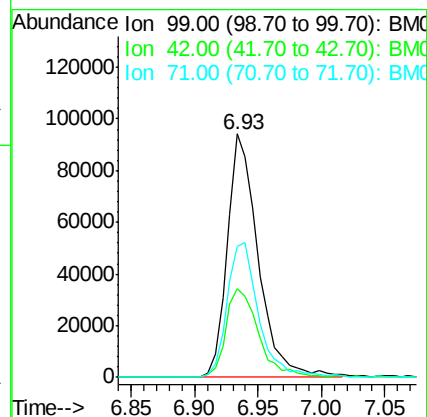
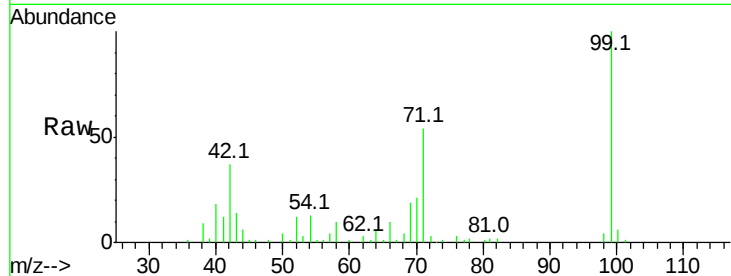
Tot Ion: 99 Resp: 158776

Ion Ratio Lower Upper

99 100

42 36.6 11.0 16.4#

71 53.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.03 min

Lab File: BM010064.D

Acq: 16 May 2017 21:39

Tgt Ion: 136 Resp: 158300

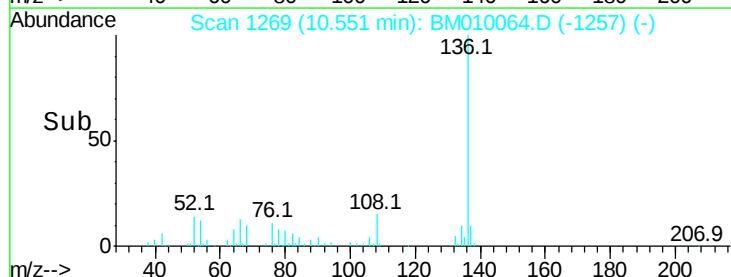
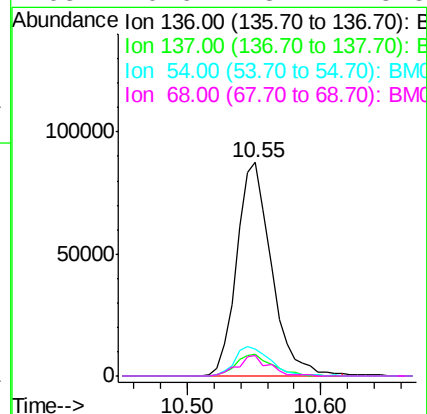
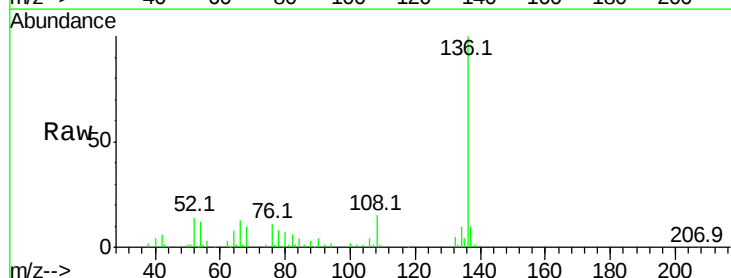
Ion Ratio Lower Upper

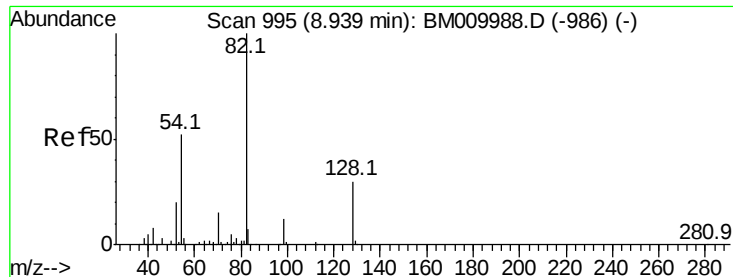
136 100

137 10.1 8.7 13.1

54 12.5 4.6 6.8#

68 9.6 3.7 5.5#

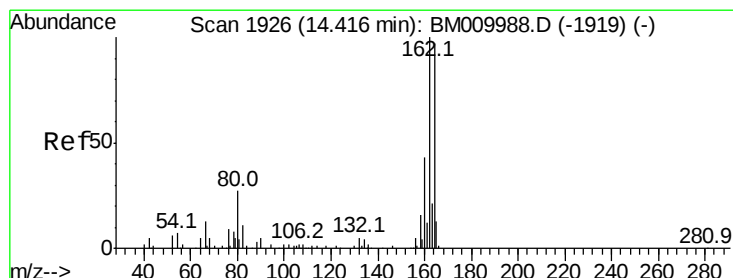
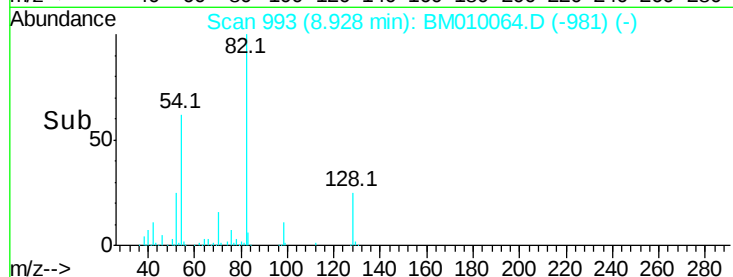
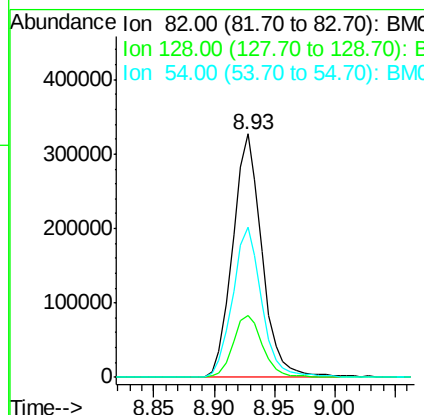
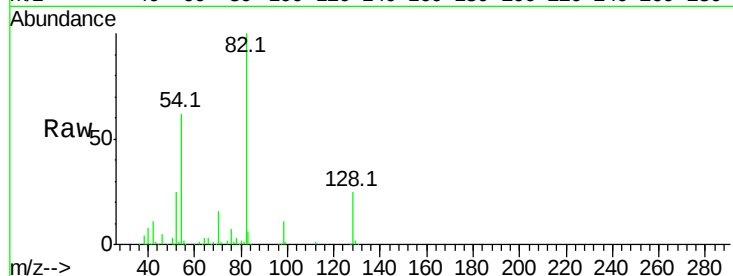




#23
 Nitrobenzene-d5
 Concen: 127.74 ng
 RT: 8.93 min Scan# 993
 Delta R.T. -0.03 min
 Lab File: BM010064.D
 Acq: 16 May 2017 21:39

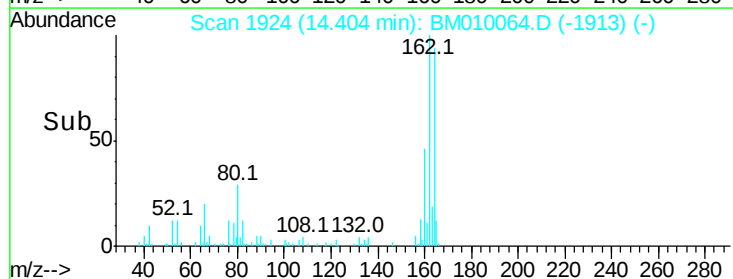
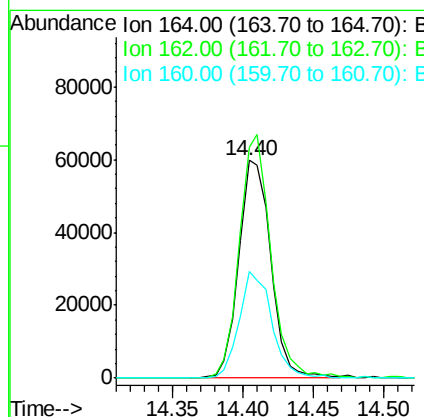
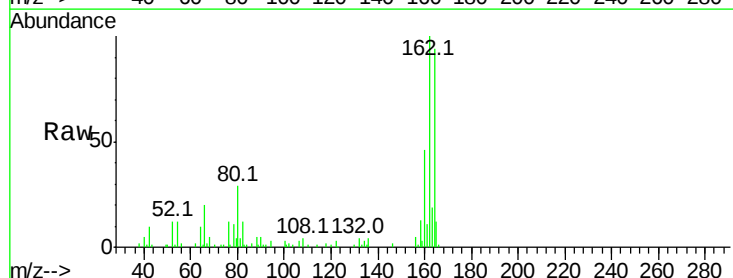
Instrument :
 BNA_M
 ClientSampleId :
 EFF-170515-05

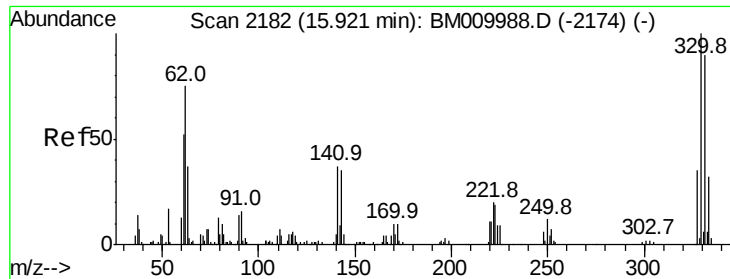
Tot Ion	82	Resp	553312
Ion	Ratio	Lower	Upper
82	100		
128	25.4	32.8	49.2#
54	61.8	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.40 min Scan# 1924
 Delta R.T. -0.04 min
 Lab File: BM010064.D
 Acq: 16 May 2017 21:39

Tgt Ion	164	Resp	94884
Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.4	123.6
160	48.8	35.8	53.6

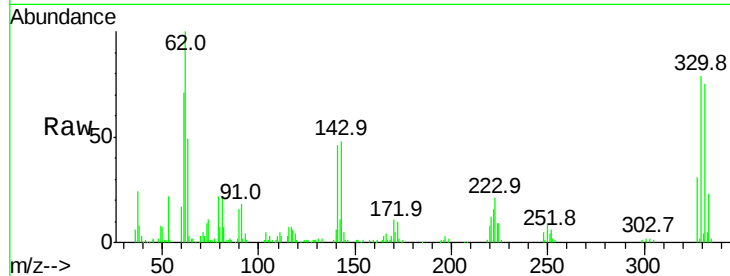




#41
 2,4,6-Tribromophenol
 Concen: 100.23 ng
 RT: 15.91 min Scan# 2180
 Delta R.T. -0.03 min
 Lab File: BM010064.D
 Acq: 16 May 2017 21:39

Instrument :
 BNA_M
 ClientSampleId :
 EFF-170515-05

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	58.8	0.0	0.0#

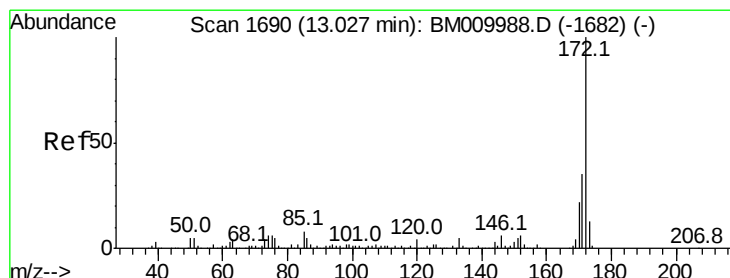
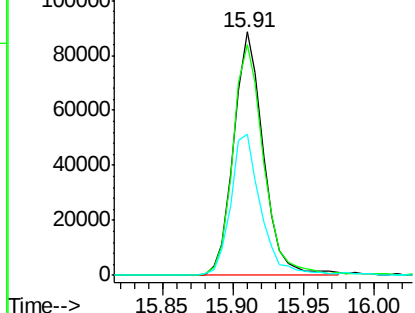
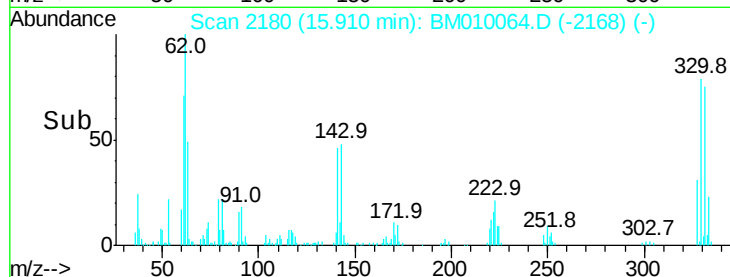


Abundance

Ion 329.80 (329.50 to 330.50): E

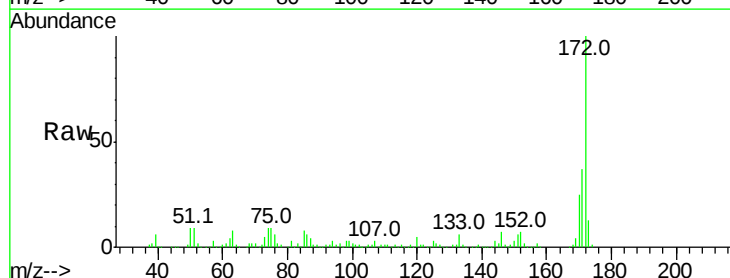
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 121.99 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.04 min
 Lab File: BM010064.D
 Acq: 16 May 2017 21:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.5	42.7
170	25.0	18.8	28.2

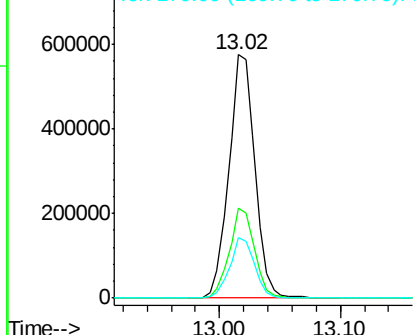
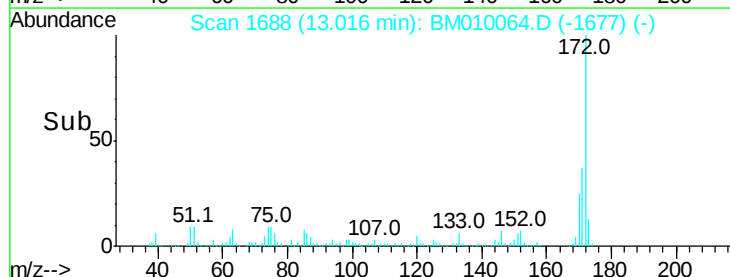


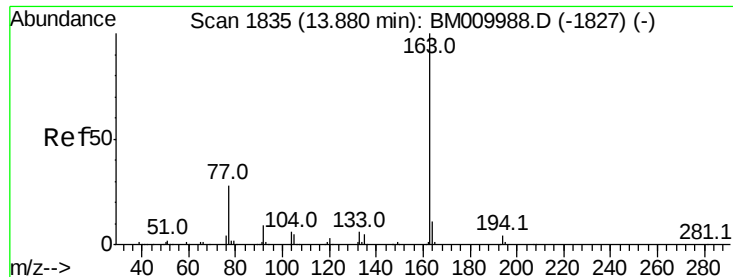
Abundance

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





#49

Dimethylphthalate

Concen: 2.56 ng

RT: 13.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM010064.D

Acq: 16 May 2017 21:39

Instrument :

BNA_M

ClientSampleId :

EFF-170515-05

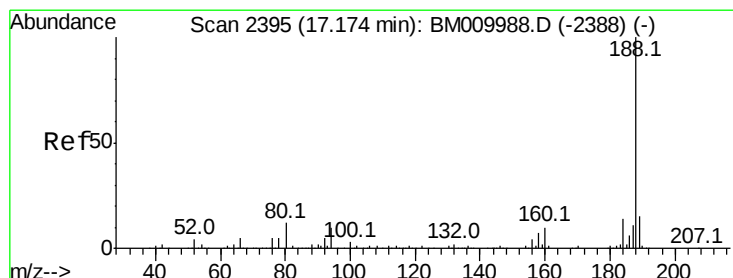
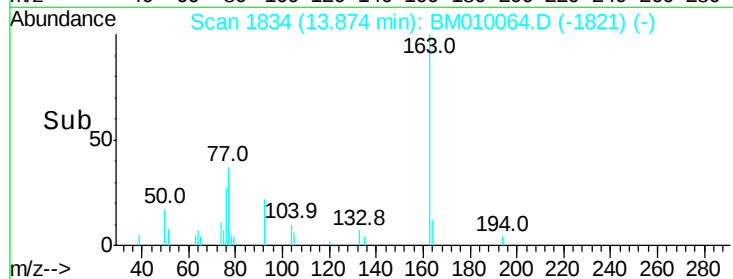
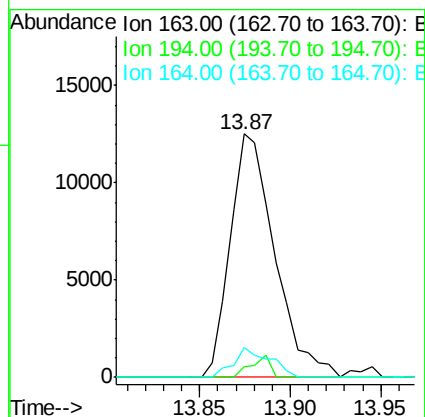
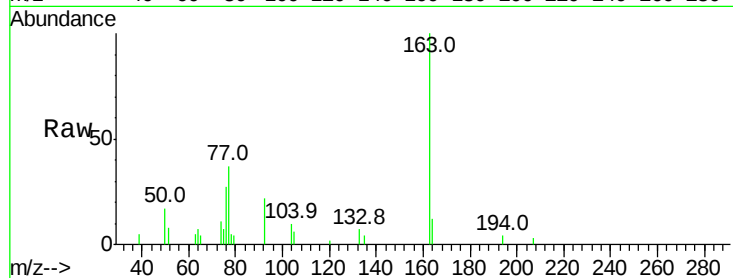
Tot Ion:163 Resp: 21387

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

164 12.2 8.2 12.2#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.16 min Scan# 2393

Delta R.T. -0.04 min

Lab File: BM010064.D

Acq: 16 May 2017 21:39

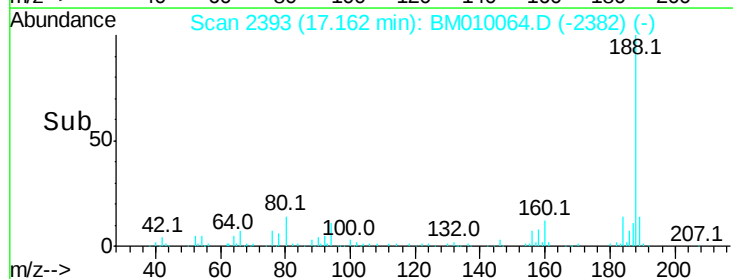
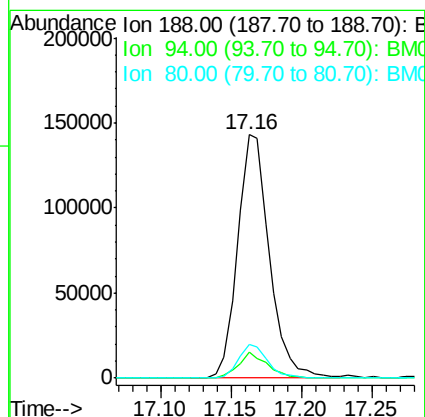
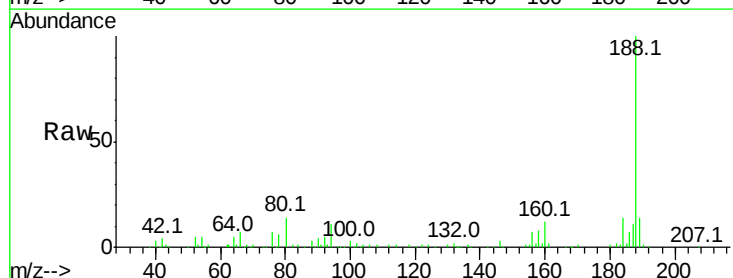
Tgt Ion:188 Resp: 224843

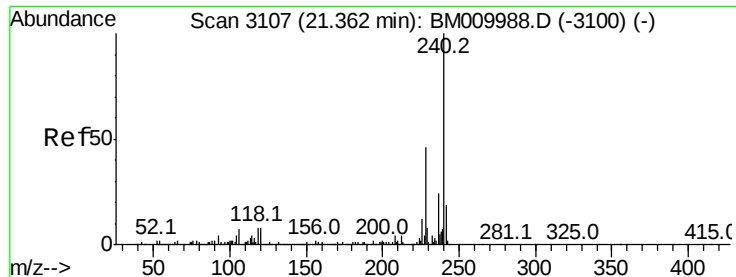
Ion Ratio Lower Upper

188 100

94 10.5 8.7 13.1

80 13.6 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010064.D

Acq: 16 May 2017 21:39

Instrument :

BNA_M

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EFF-170515-05

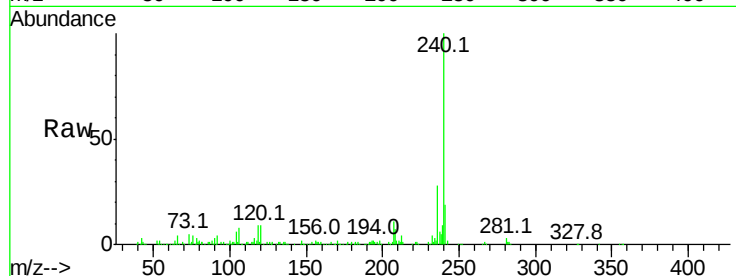
Tot Ion:240 Resp: 248161

Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.2

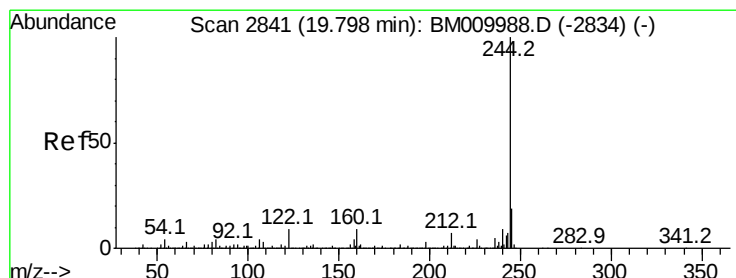
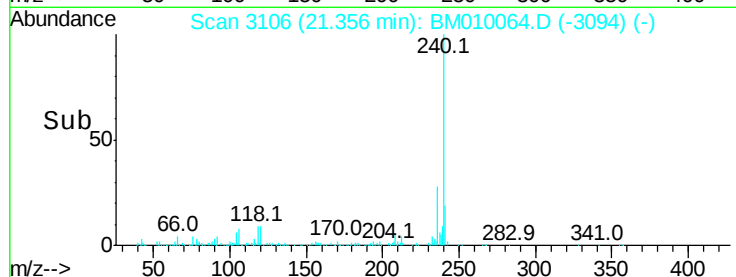
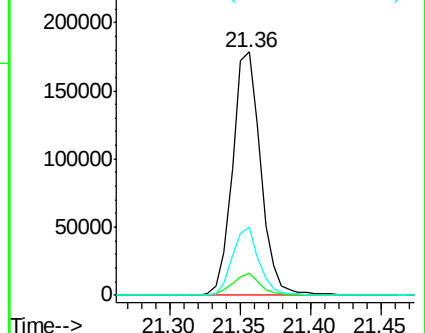
236 27.9 20.0 30.0



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: 119.77 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.03 min

Lab File: BM010064.D

Acq: 16 May 2017 21:39

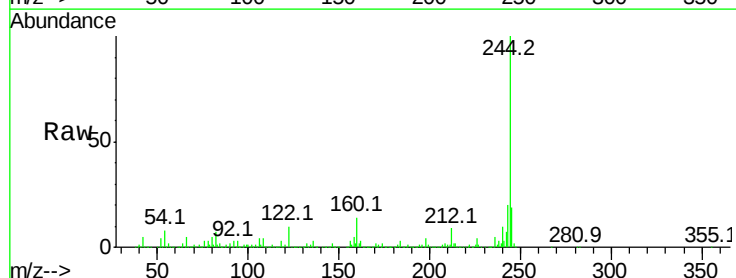
Tgt Ion:244 Resp: 1410323

Ion Ratio Lower Upper

244 100

212 8.8 4.9 7.3#

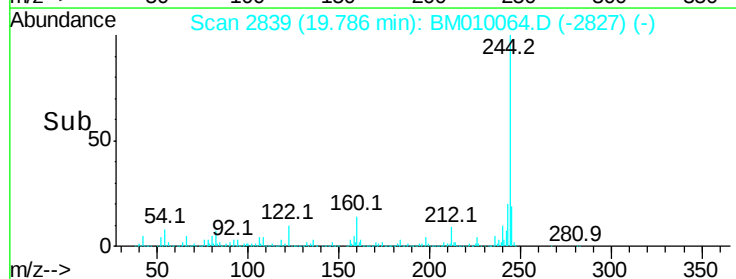
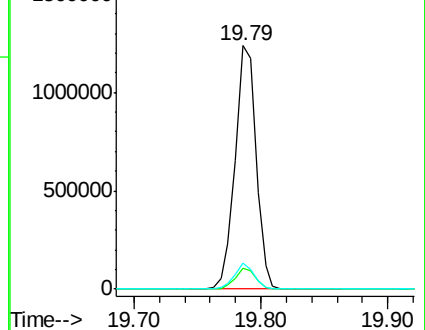
122 10.5 6.2 9.4#

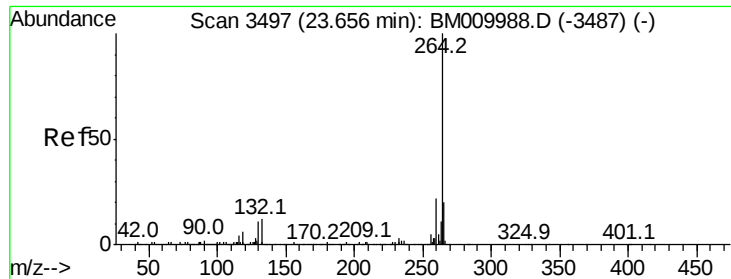


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.64 min Scan# 3495
 Delta R.T. -0.05 min
 Lab File: BM010064.D
 Acq: 16 May 2017 21:39

Instrument :
 BNA_M
 ClientSampleId :
 EFF-170515-05

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	27.8
265	19.3	17.3	25.9

