

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
 Data File : BM010062.D
 Acq On : 16 May 2017 20:27
 Operator : SJ/MA
 Sample : I3171-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WS-4

Quant Time: May 17 04:36:37 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	7.76	152	38491	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	161011	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	95113	20.00	ng	-0.03
63) Phenanthrene-d10	17.16	188	246553	20.00	ng	-0.04
75) Chrysene-d12	21.35	240	330990	20.00	ng	-0.04
86) Perylene-d12	23.64	264	257100	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	133208	54.16	ng	-0.02
7) Phenol-d6	6.93	99	123998	31.46	ng	-0.04
23) Nitrobenzene-d5	8.93	82	540425	122.66	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	140131	107.65	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	840666	118.20	ng	-0.03
78) Terphenyl-d14	19.79	244	1645568	104.78	ng	-0.03

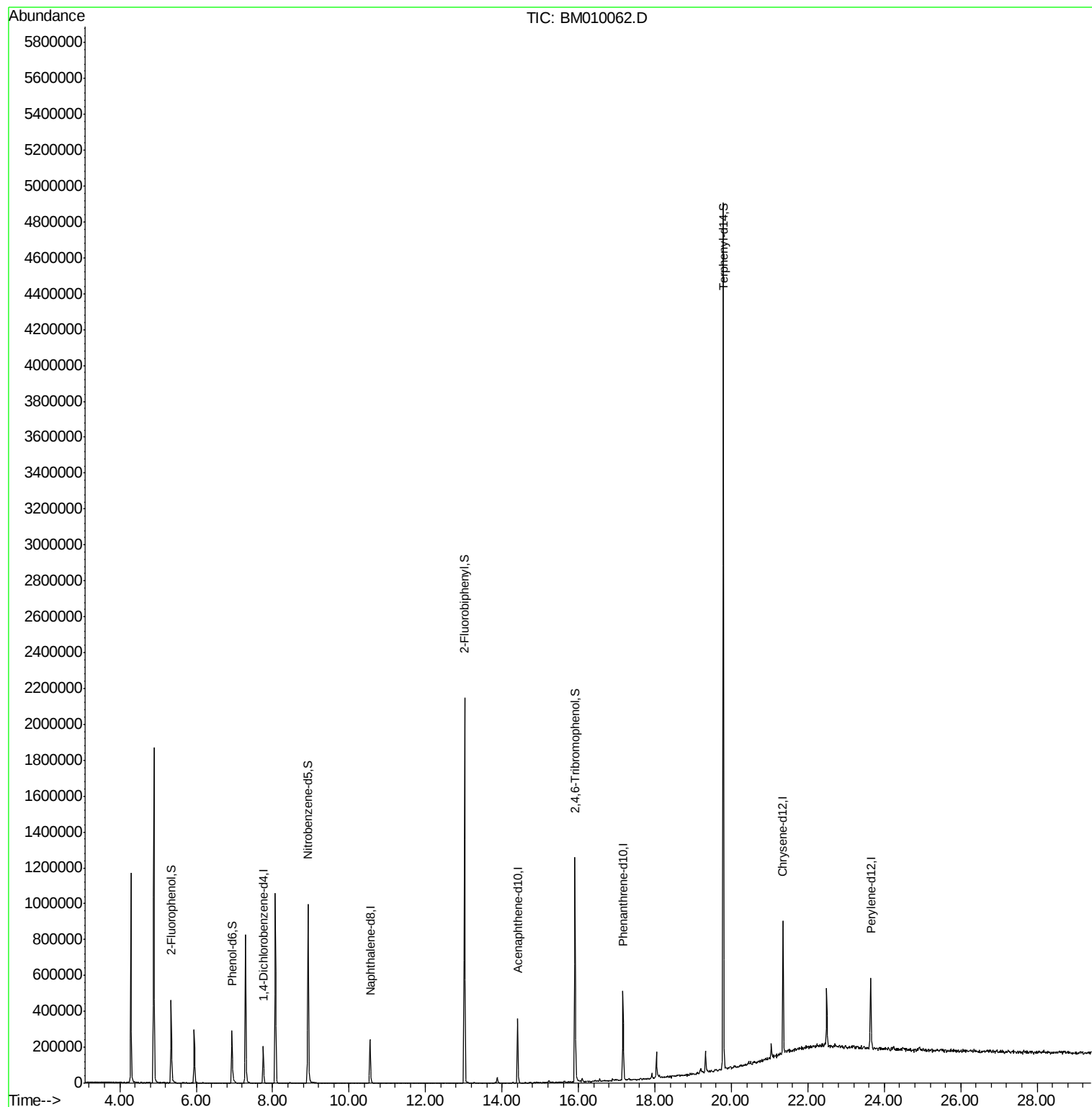
Target Compounds Qvalue

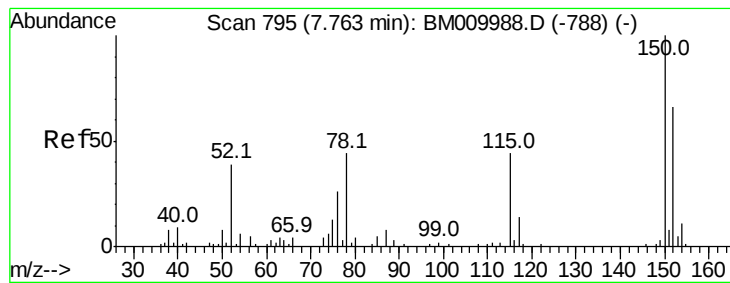
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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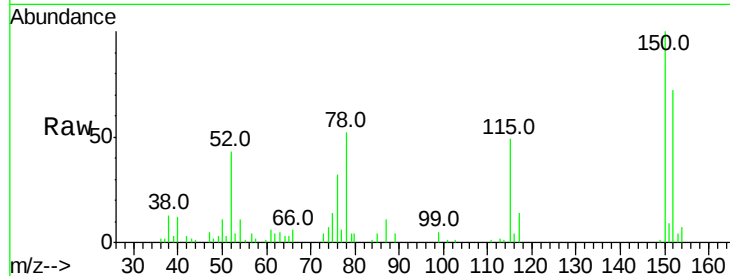


#1

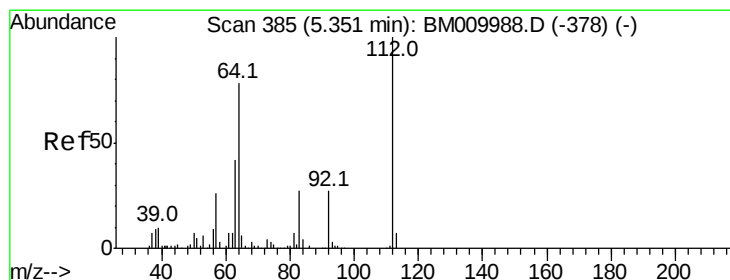
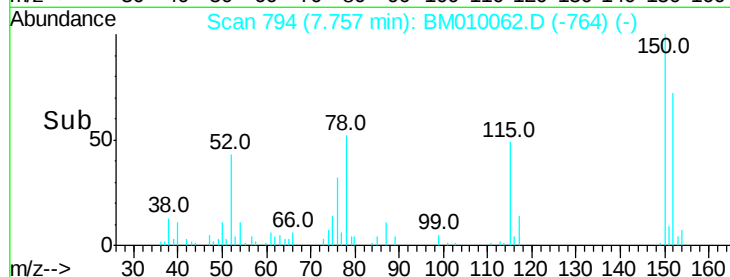
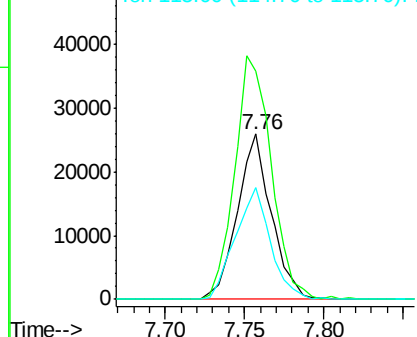
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010062.D
Acq: 16 May 2017 20:27

Instrument :
BNA_M
ClientSampleId :
WS-4

Tot Ion:152 Resp: 38491
Ion Ratio Lower Upper
152 100
150 138.7 119.5 179.3
115 67.7 43.0 64.4#



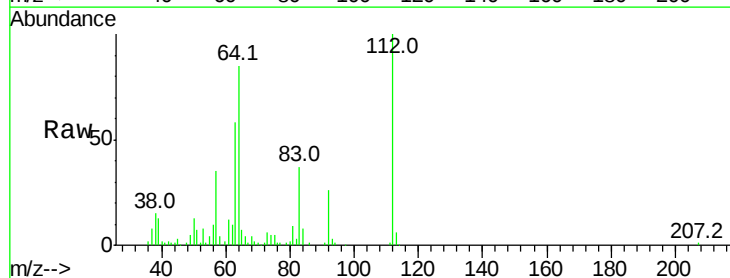
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



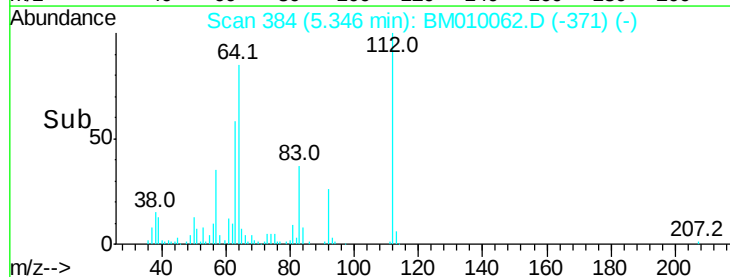
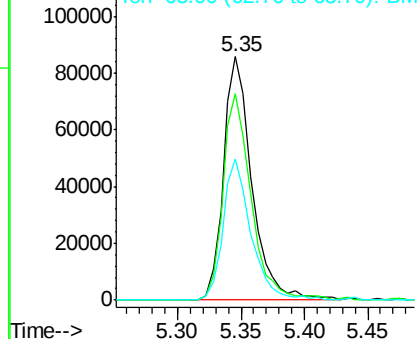
#5

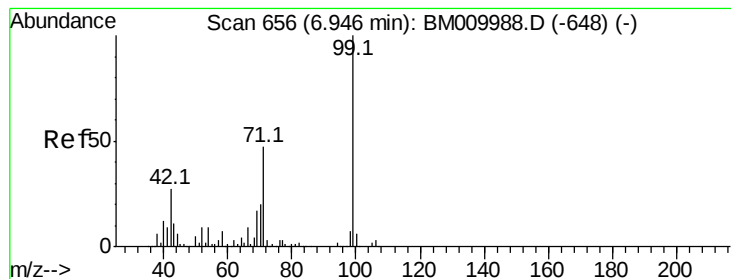
2-Fluorophenol
Concen: 54.16 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM010062.D
Acq: 16 May 2017 20:27

Tgt Ion:112 Resp: 133208
Ion Ratio Lower Upper
112 100
64 84.8 38.6 57.8#
63 57.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 31.46 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.04 min

Lab File: BM010062.D

Acq: 16 May 2017 20:27

Instrument :

BNA_M

ClientSampleId :

WS-4

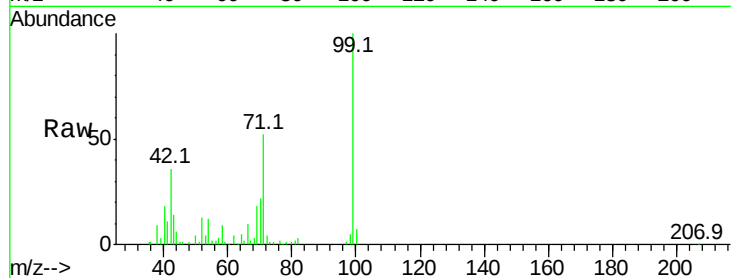
Tot Ion: 99 Resp: 123998

Ion Ratio Lower Upper

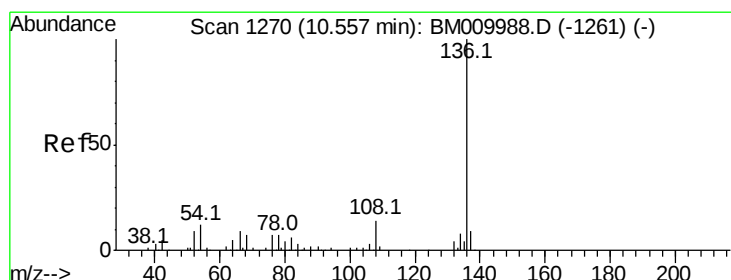
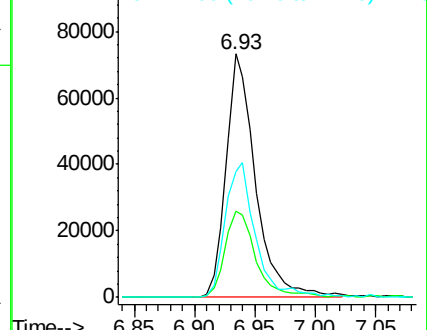
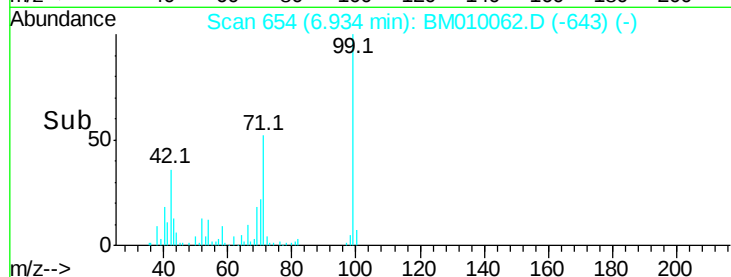
99 100

42 35.5 11.0 16.4#

71 51.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010062.D (-643) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.03 min

Lab File: BM010062.D

Acq: 16 May 2017 20:27

Tgt Ion: 136 Resp: 161011

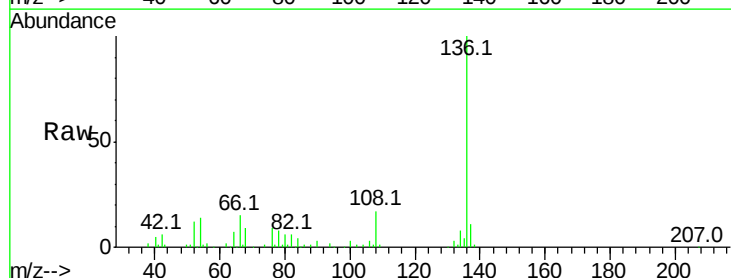
Ion Ratio Lower Upper

136 100

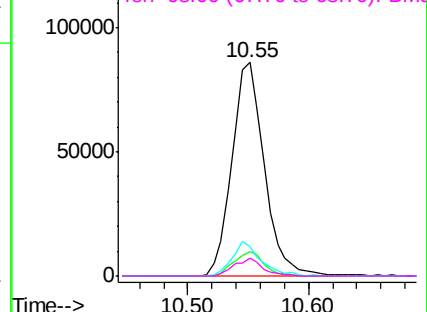
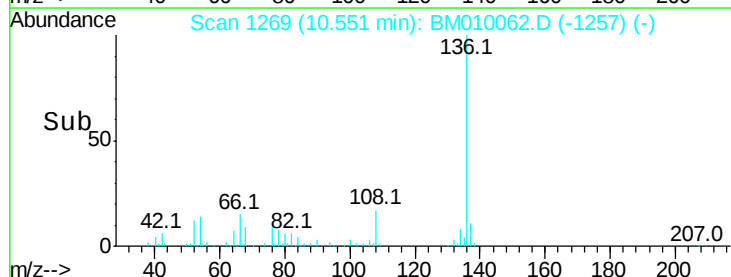
137 11.3 8.7 13.1

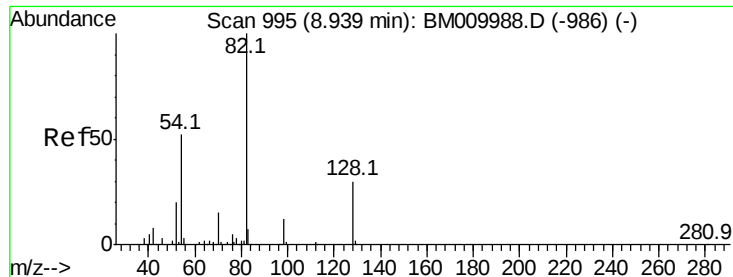
54 13.9 4.6 6.8#

68 8.5 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM010062.D (-1257) (-)

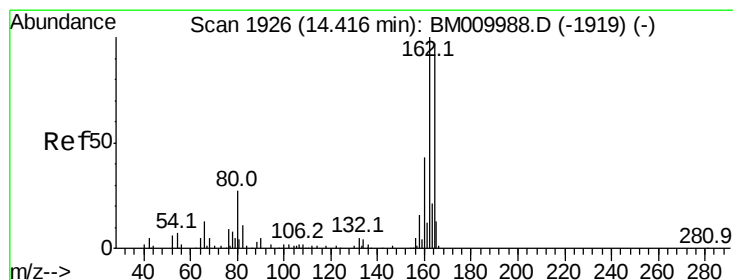
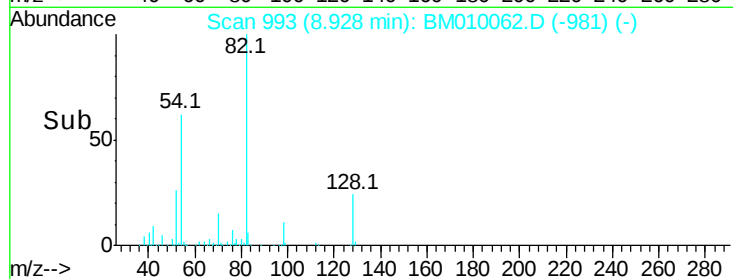
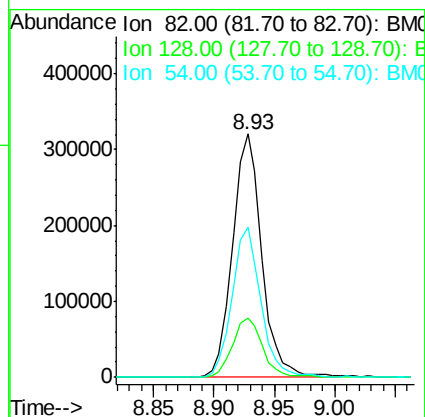
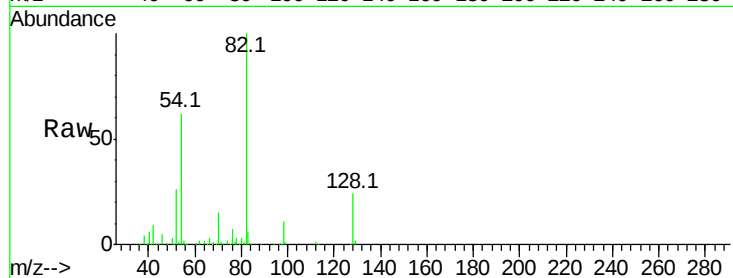




#23
Nitrobenzene-d5
Concen: 122.66 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM010062.D
Acq: 16 May 2017 20:27

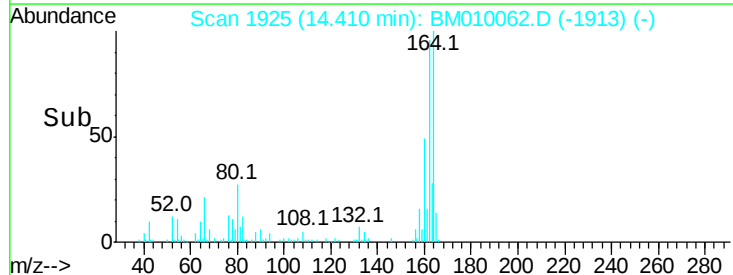
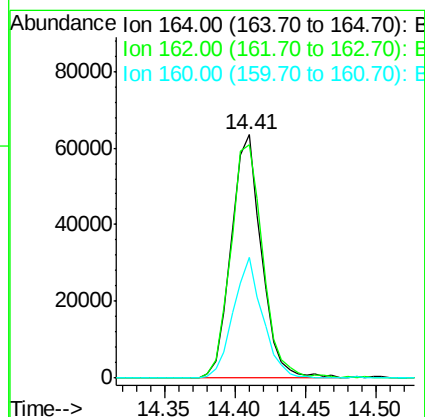
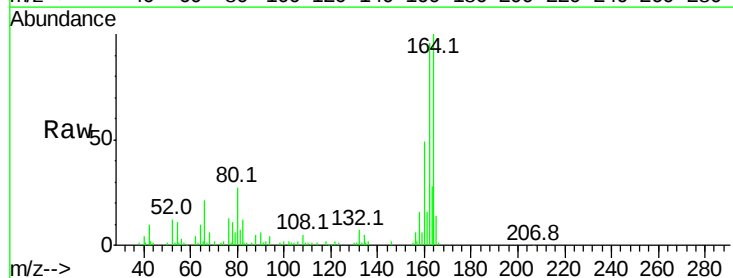
Instrument :
BNA_M
ClientSampleId :
WS-4

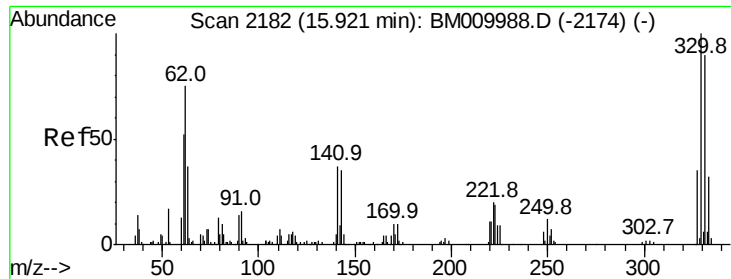
Tot Ion	82	Resp	540425
Ion	Ratio	Lower	Upper
82	100		
128	24.5	32.8	49.2#
54	61.5	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM010062.D
Acq: 16 May 2017 20:27

Tgt Ion	164	Resp	95113
Ion	Ratio	Lower	Upper
164	100		
162	96.0	82.4	123.6
160	49.4	35.8	53.6

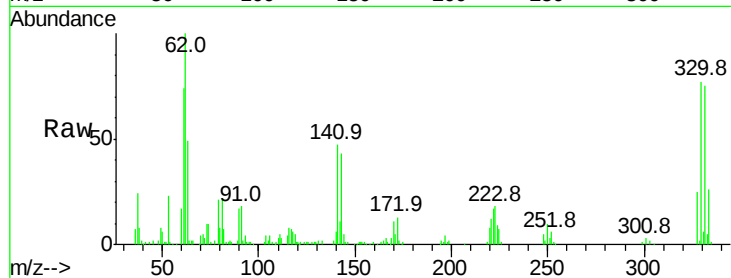




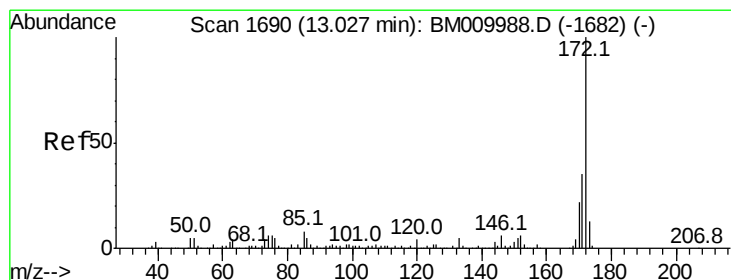
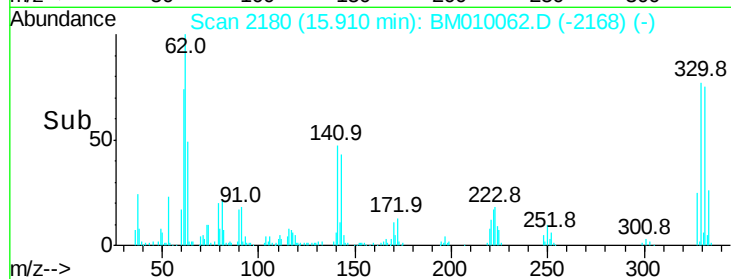
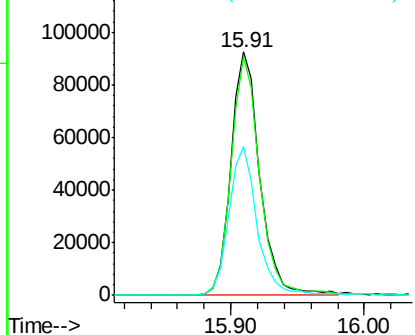
#41
 2,4,6-Tribromophenol
 Concen: 107.65 ng
 RT: 15.91 min Scan# 2180
 Delta R.T. -0.03 min
 Lab File: BM010062.D
 Acq: 16 May 2017 20:27

Instrument :
 BNA_M
 ClientSampleId :
 WS-4

Tot Ion:330 Resp: 140131
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 59.6 0.0 0.0#

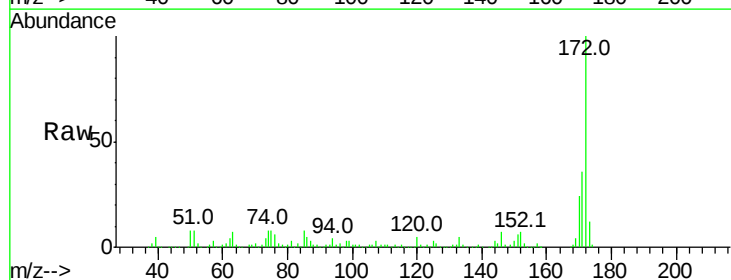


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

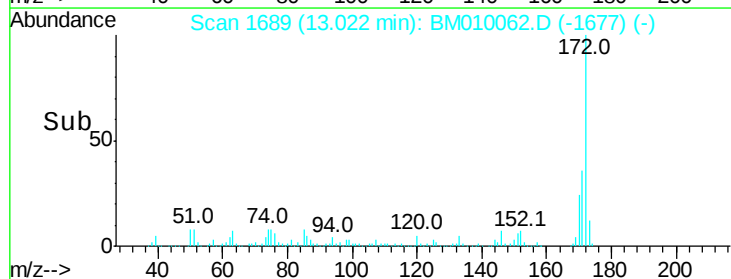
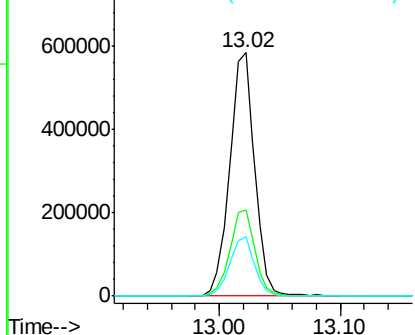


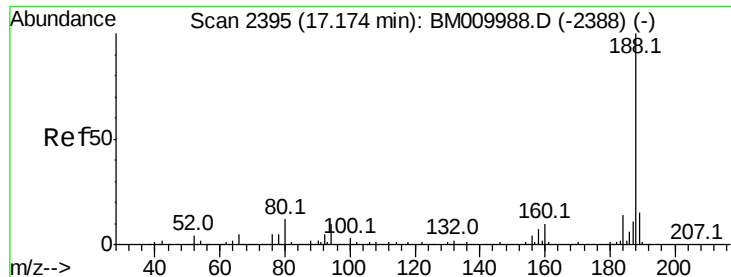
#44
 2-Fluorobiphenyl
 Concen: 118.20 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.03 min
 Lab File: BM010062.D
 Acq: 16 May 2017 20:27

Tgt Ion:172 Resp: 840666
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 24.1 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

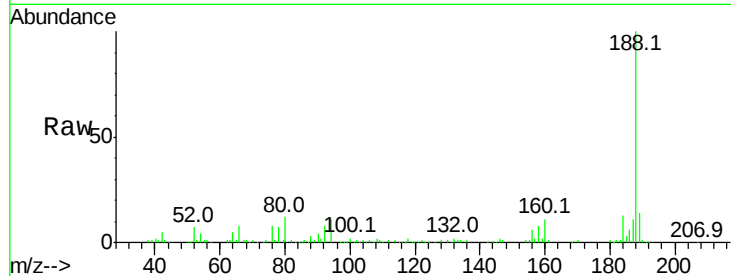




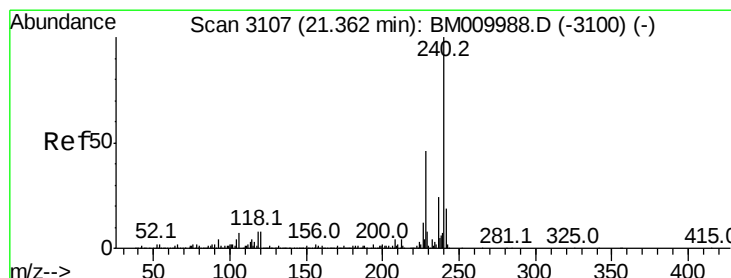
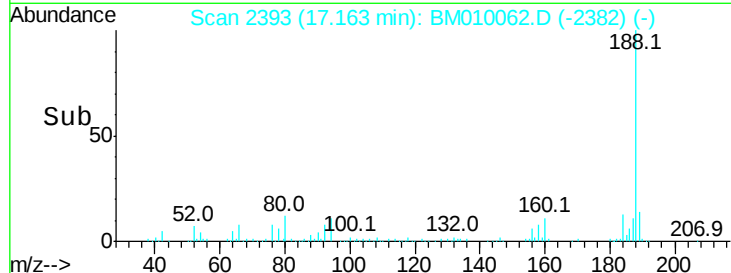
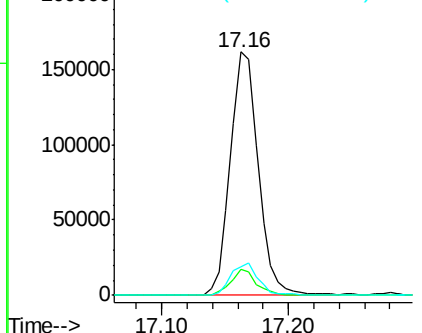
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.16 min Scan# 2393
Delta R.T. -0.04 min
Lab File: BM010062.D
Acq: 16 May 2017 20:27

Instrument :
BNA_M
ClientSampleId :
WS-4

Tot Ion:188 Resp: 246553
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 11.7 9.3 13.9

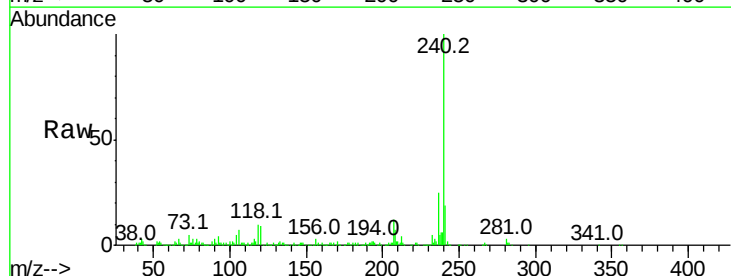


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

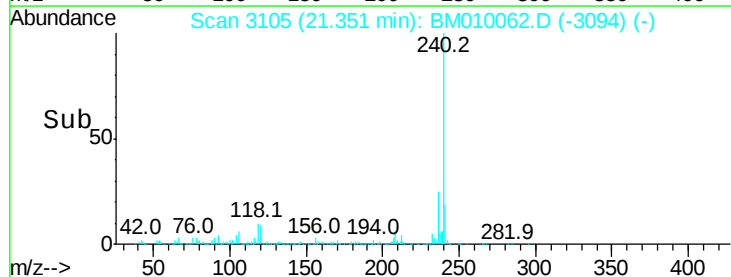
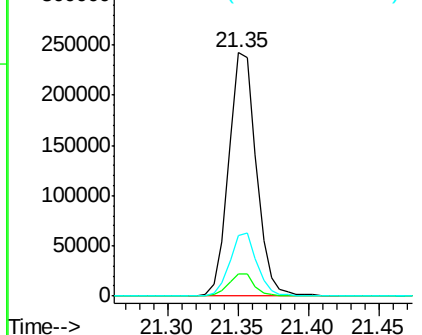


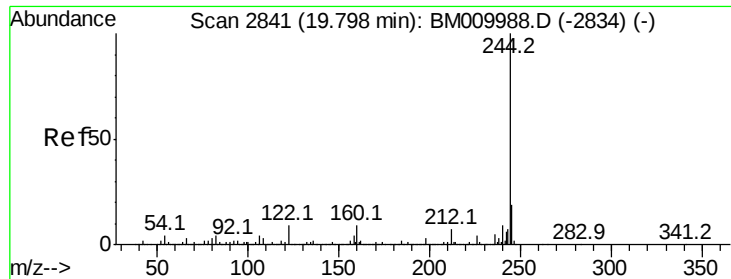
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.04 min
Lab File: BM010062.D
Acq: 16 May 2017 20:27

Tgt Ion:240 Resp: 330990
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.2
236 24.8 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: 104.78 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.03 min

Lab File: BM010062.D

Acq: 16 May 2017 20:27

Instrument :

BNA_M

ClientSampleId :

WS-4

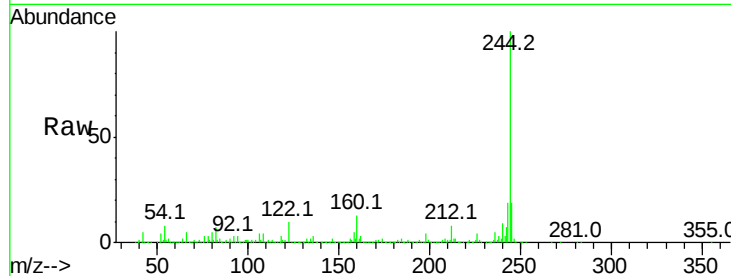
Tot Ion:244 Resp: 1645568

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

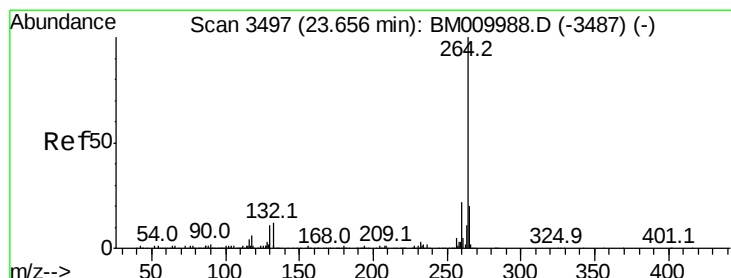
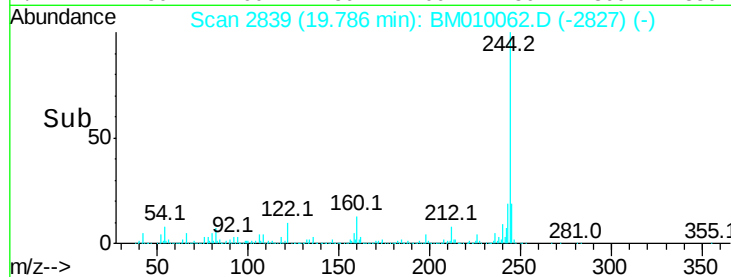
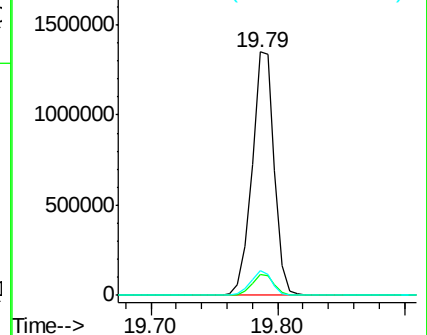
122 10.3 6.2 9.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.64 min Scan# 3495

Delta R.T. -0.05 min

Lab File: BM010062.D

Acq: 16 May 2017 20:27

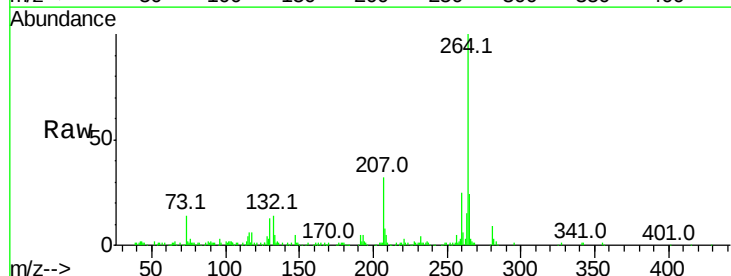
Tgt Ion:264 Resp: 257100

Ion Ratio Lower Upper

264 100

260 25.5 18.6 27.8

265 23.7 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

