

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
 Data File : BM010045.D
 Acq On : 15 May 2017 18:18
 Operator : SJ/MA
 Sample : I3121-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-1540-COMP

Quant Time: May 16 04:53:18 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	47791	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	191775	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	101966	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	272905	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	311142	20.00	ng	-0.03
86) Perylene-d12	23.65	264	96921	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	490794	160.71	ng	-0.02
7) Phenol-d6	6.94	99	622016	127.11	ng	-0.03
23) Nitrobenzene-d5	8.93	82	604785	115.25	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	246093	176.35	ng	-0.02
44) 2-Fluorobiphenyl	13.02	172	897135	117.66	ng	-0.03
78) Terphenyl-d14	19.79	244	1788835	121.17	ng	-0.02

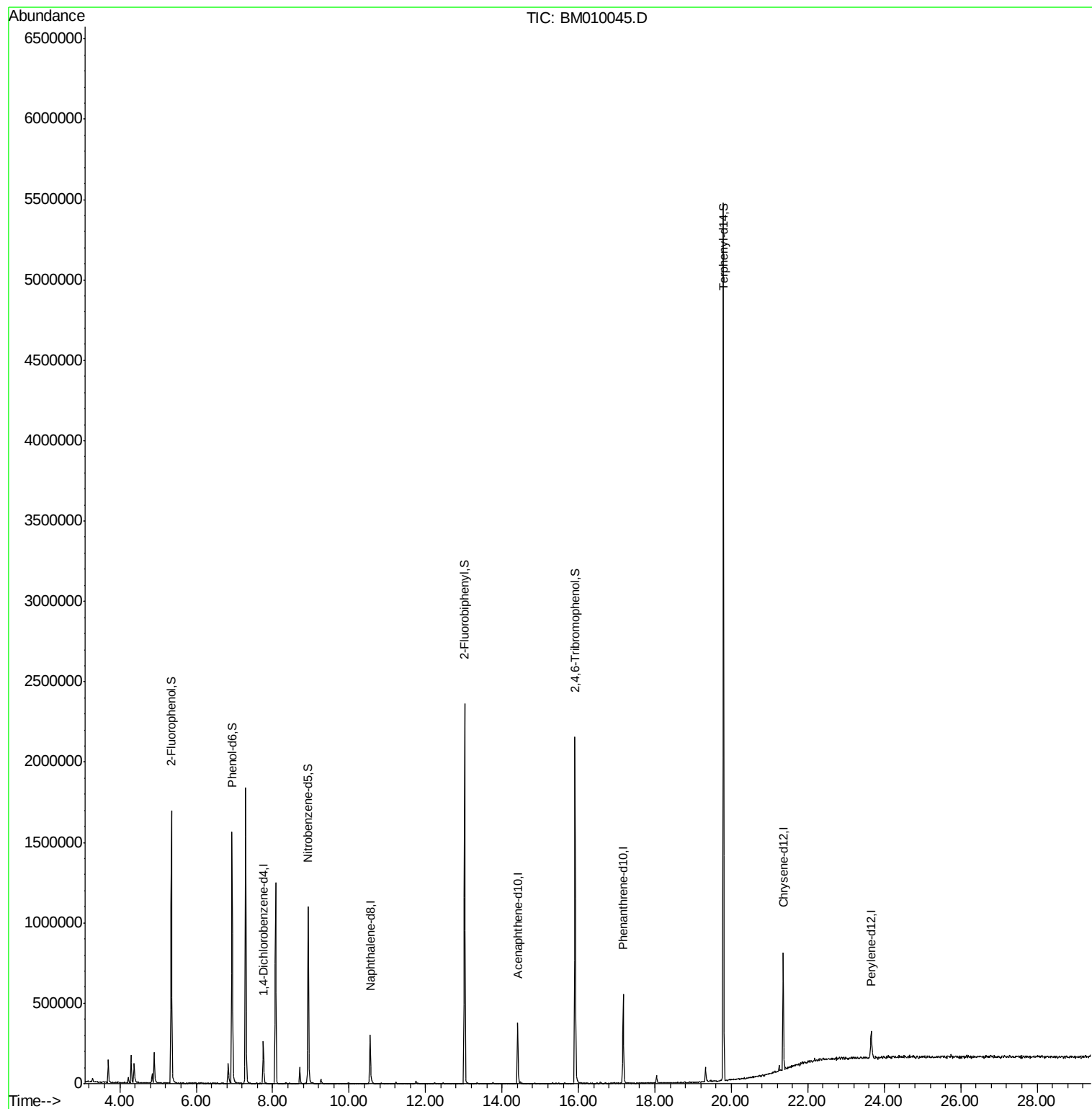
Target Compounds Qvalue

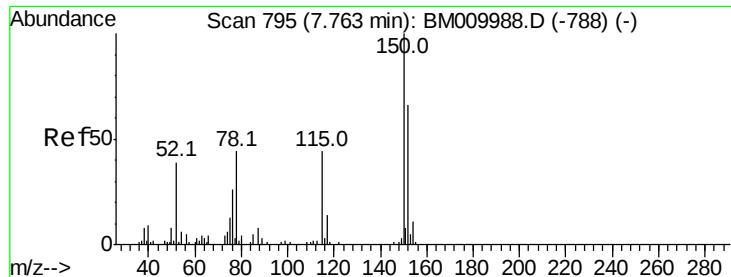
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010045.D

Acq: 15 May 2017 18:18

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMP

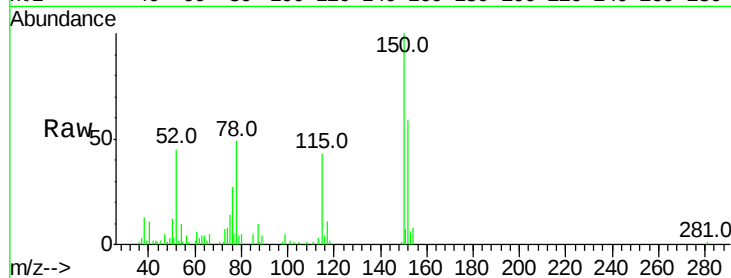
Tot Ion:152 Resp: 47791

Ion Ratio Lower Upper

152 100

150 169.8 119.5 179.3

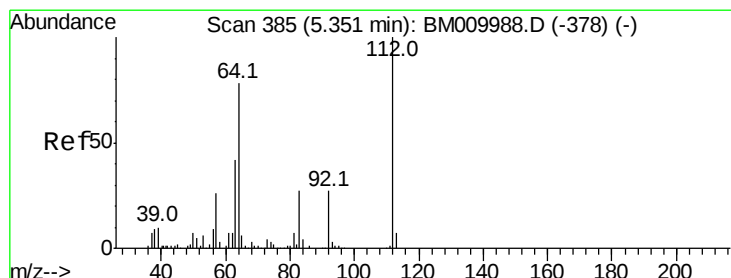
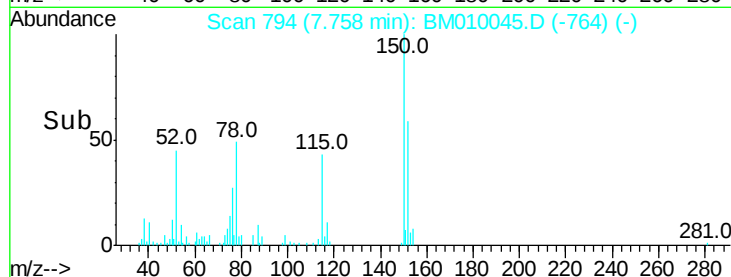
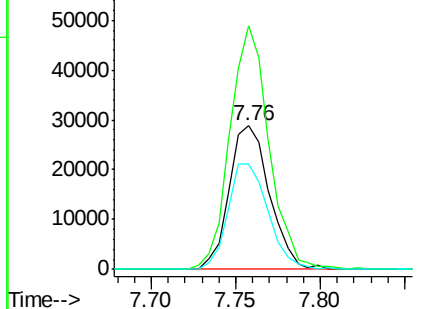
115 73.3 43.0 64.4#



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: 160.71 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM010045.D

Acq: 15 May 2017 18:18

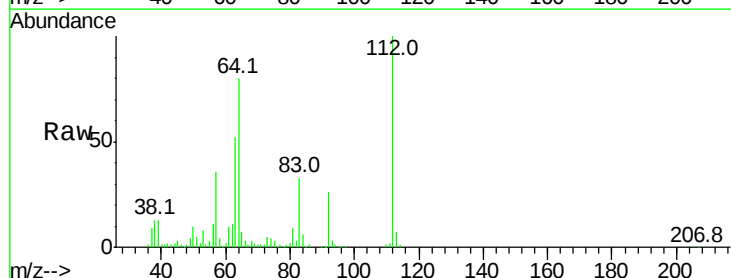
Tgt Ion:112 Resp: 490794

Ion Ratio Lower Upper

112 100

64 80.5 38.6 57.8#

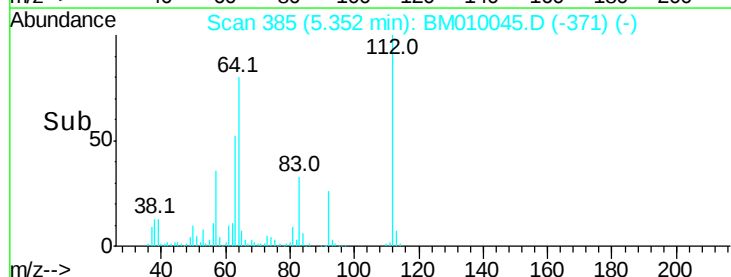
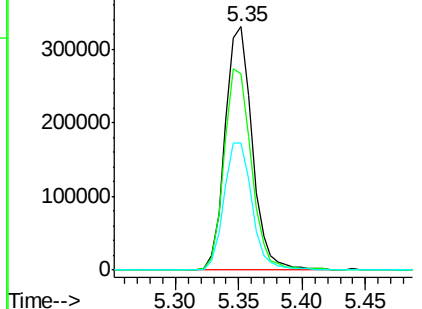
63 52.5 19.3 28.9#

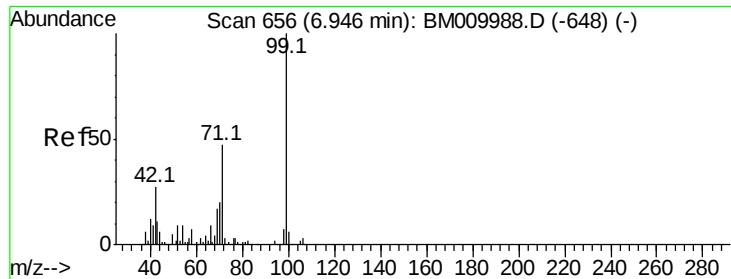


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 127.11 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010045.D

Acq: 15 May 2017 18:18

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMP

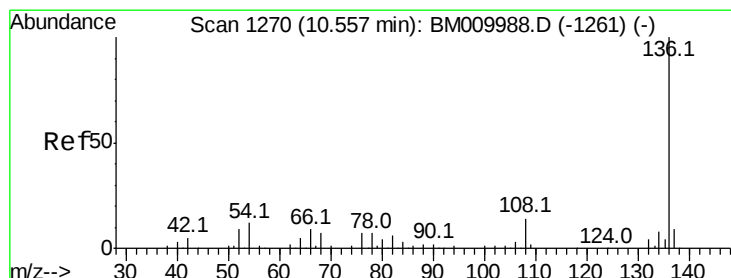
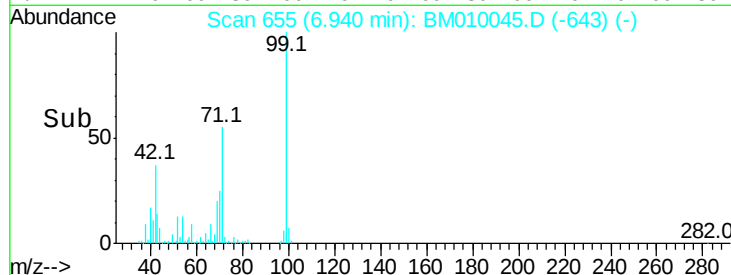
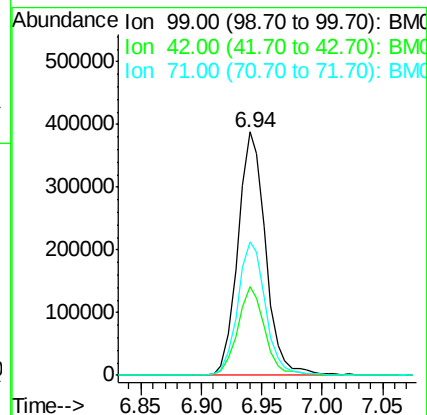
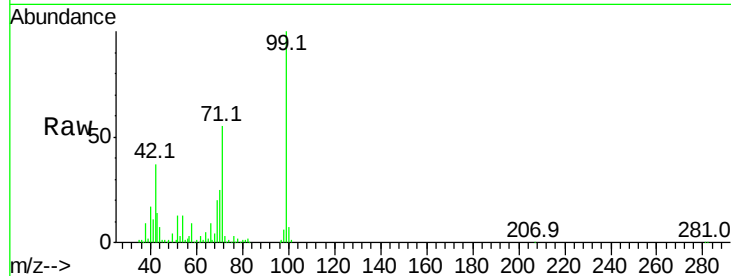
Tot Ion: 99 Resp: 622016

Ion Ratio Lower Upper

99 100

42 36.6 11.0 16.4#

71 55.0 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: BM010045.D

Acq: 15 May 2017 18:18

Tgt Ion: 136 Resp: 191775

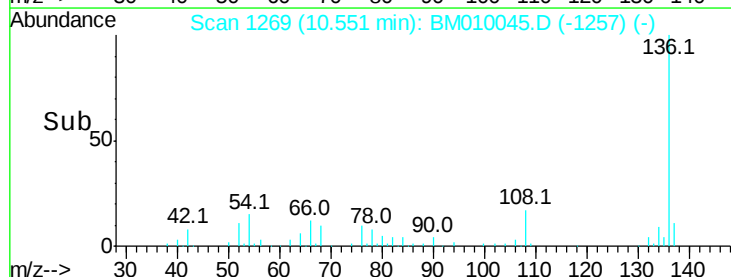
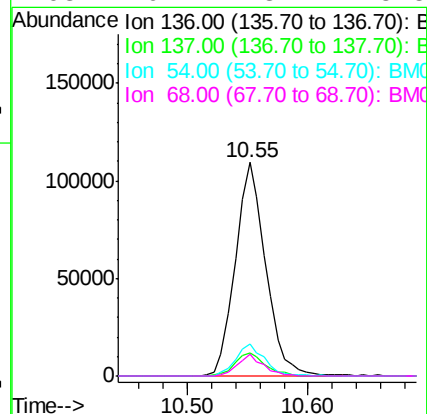
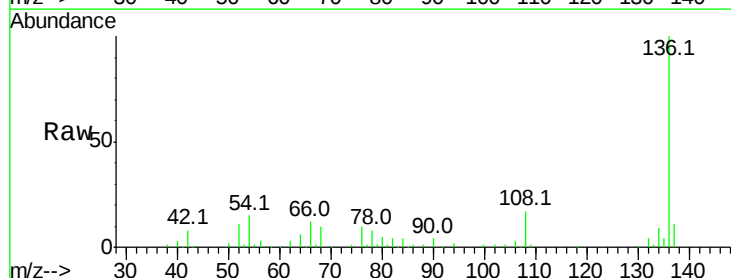
Ion Ratio Lower Upper

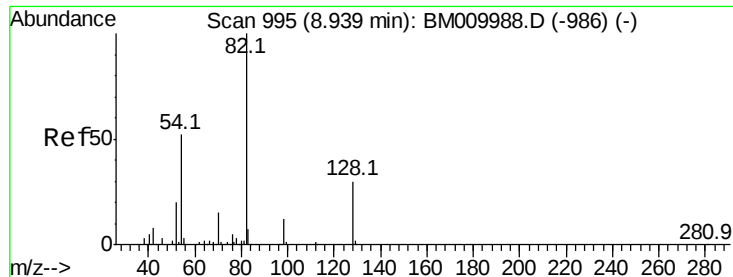
136 100

137 10.6 8.7 13.1

54 14.7 4.6 6.8#

68 10.4 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 115.25 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BM010045.D

Acq: 15 May 2017 18:18

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMP

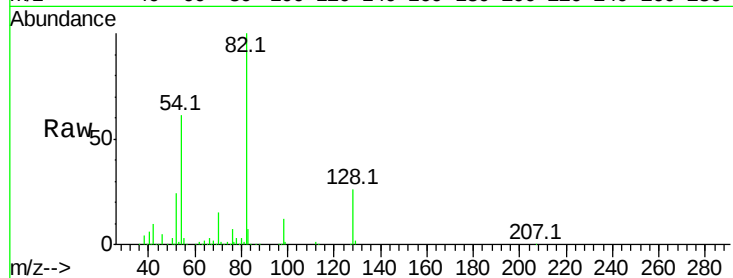
Tot Ion: 82 Resp: 604785

Ion Ratio Lower Upper

82 100

128 25.9 32.8 49.2#

54 61.0 40.6 60.8#

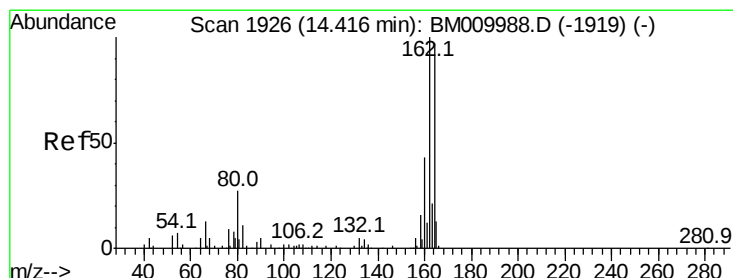
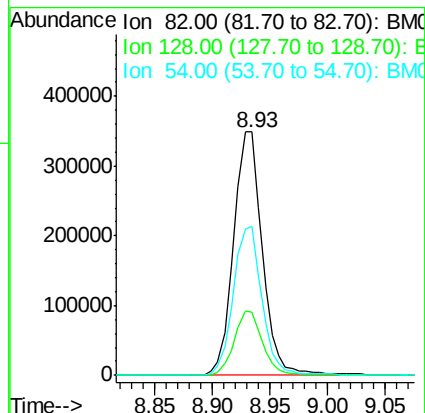
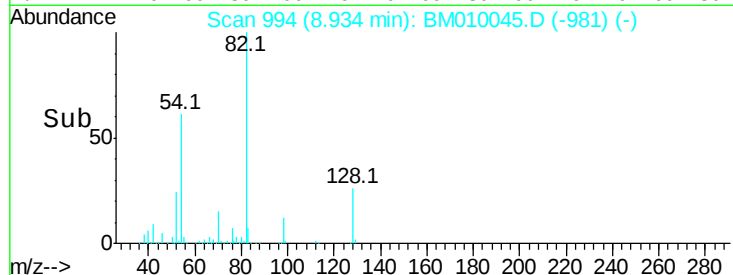


Abundance Ion 82.00 (81.70 to 82.70): BM009988.D (-986) (-)

Ion 128.00 (127.70 to 128.70): BM009988.D (-986) (-)

Ion 54.00 (53.70 to 54.70): BM009988.D (-986) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM010045.D

Acq: 15 May 2017 18:18

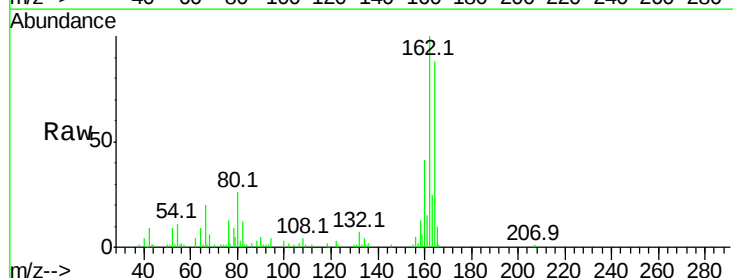
Tgt Ion: 164 Resp: 101966

Ion Ratio Lower Upper

164 100

162 113.2 82.4 123.6

160 46.8 35.8 53.6

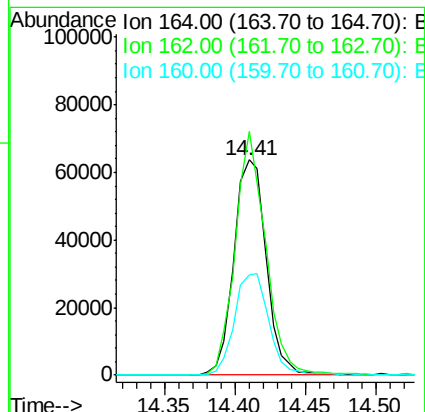
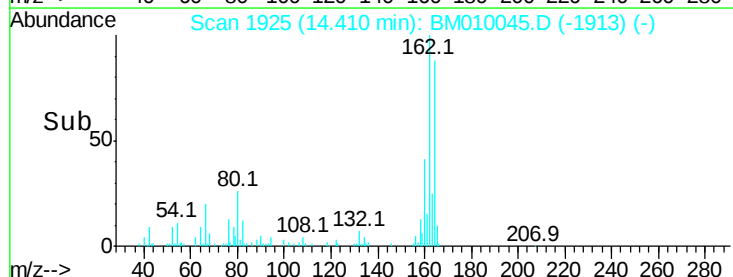


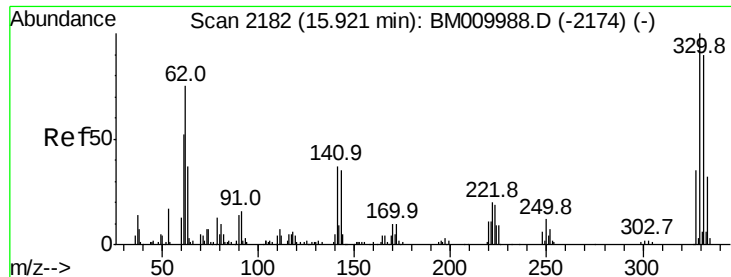
Abundance Ion 164.00 (163.70 to 164.70): BM009988.D (-1919) (-)

Ion 162.00 (161.70 to 162.70): BM009988.D (-1919) (-)

Ion 160.00 (159.70 to 160.70): BM009988.D (-1919) (-)

Time-->





#41

2,4,6-Tribromophenol

Concen: 176.35 ng

RT: 15.92 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BM010045.D

Acq: 15 May 2017 18:18

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMP

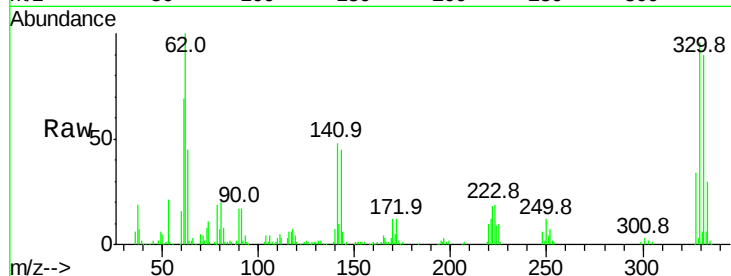
Tot Ion:330 Resp: 246093

Ion Ratio Lower Upper

330 100

332 95.0 0.0 0.0#

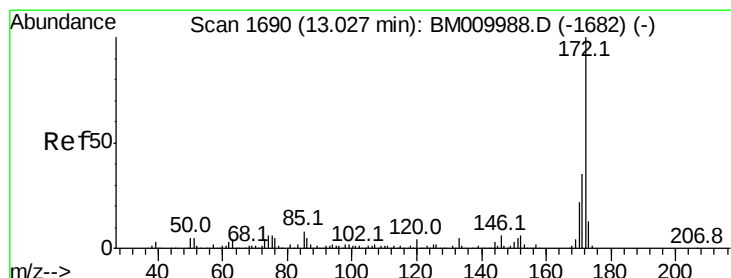
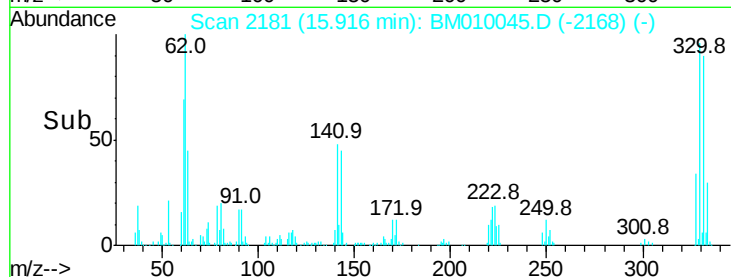
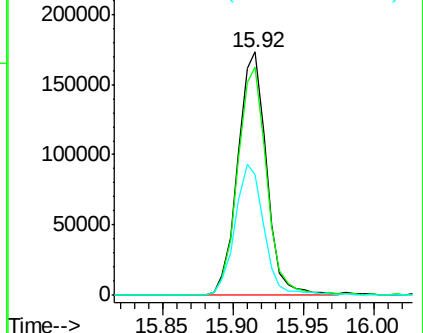
141 54.5 0.0 0.0#



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: 117.66 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.03 min

Lab File: BM010045.D

Acq: 15 May 2017 18:18

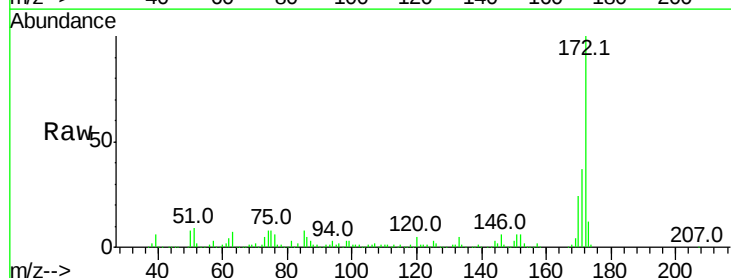
Tgt Ion:172 Resp: 897135

Ion Ratio Lower Upper

172 100

171 36.7 28.5 42.7

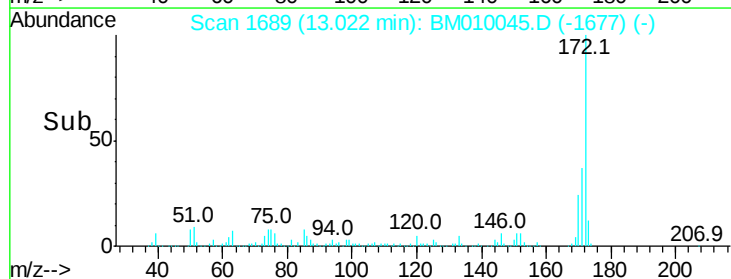
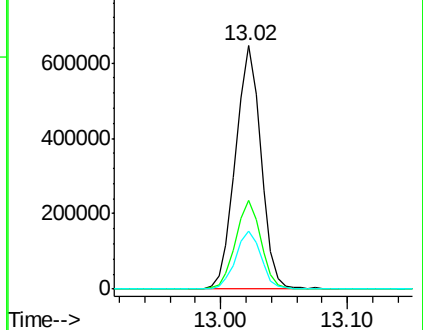
170 24.0 18.8 28.2

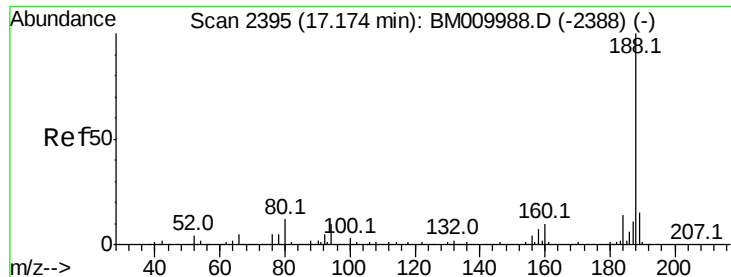


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

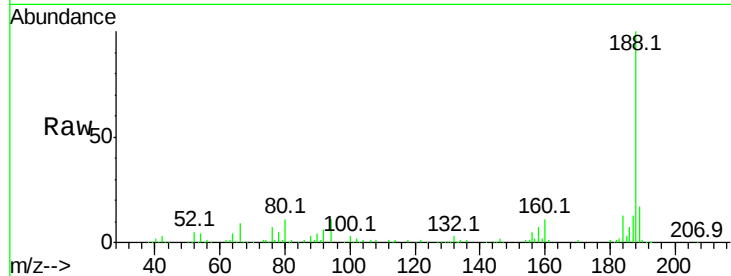




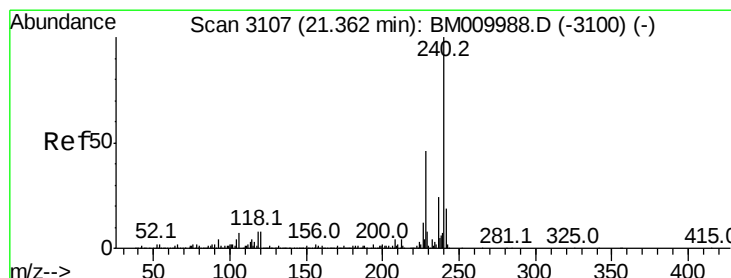
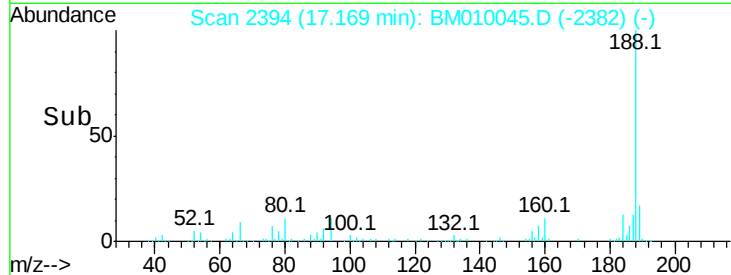
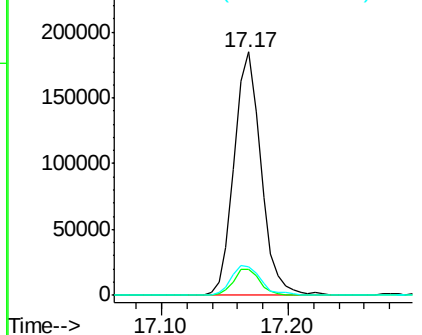
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010045.D
Acq: 15 May 2017 18:18

Instrument :
BNA_M
ClientSampleId :
RO-1540-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.7	13.1
80	11.5	9.3	13.9

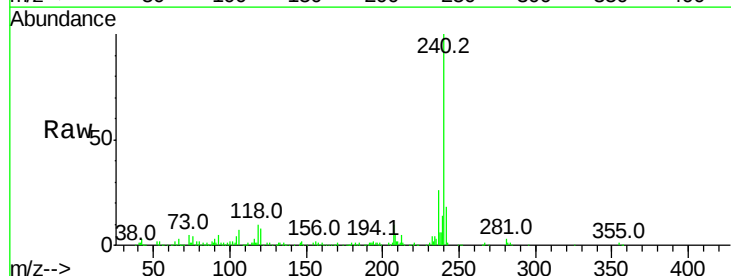


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

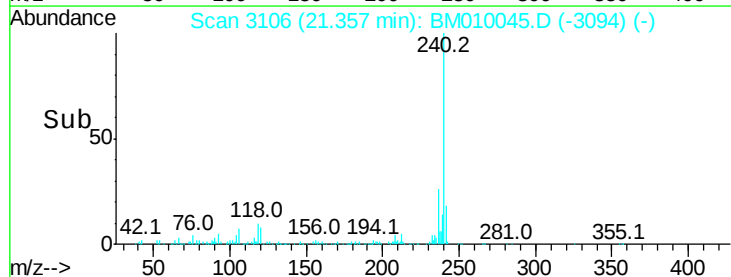
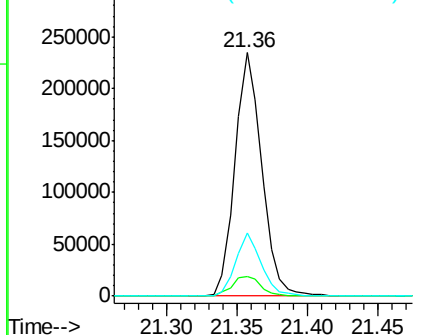


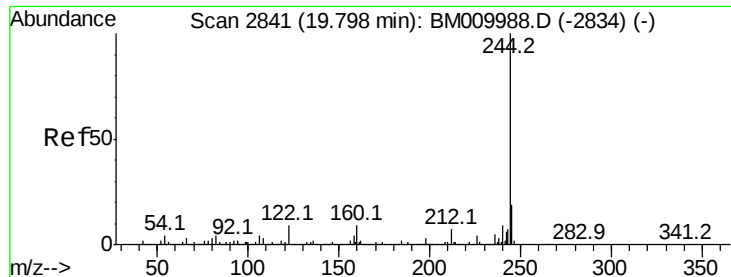
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010045.D
Acq: 15 May 2017 18:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.2	12.2#
236	26.0	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: 121.17 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010045.D

Acq: 15 May 2017 18:18

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMP

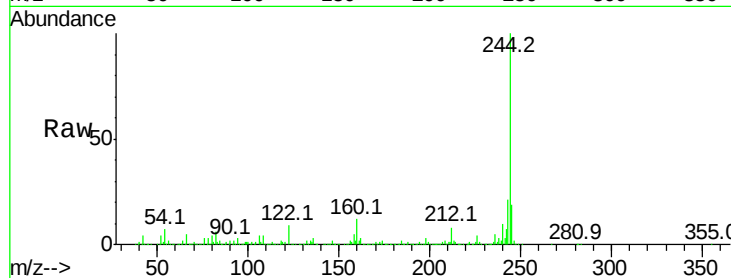
Tot Ion:244 Resp: 1788835

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

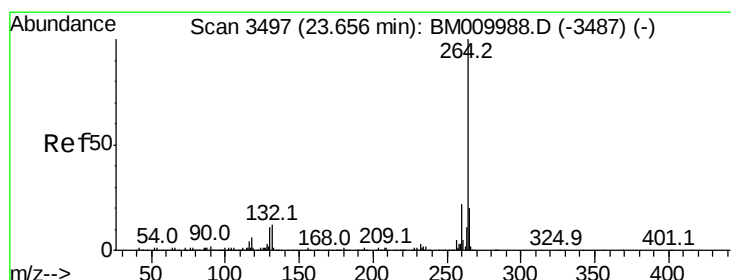
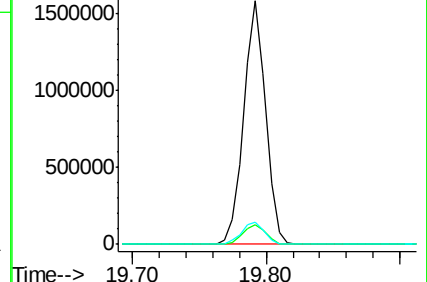
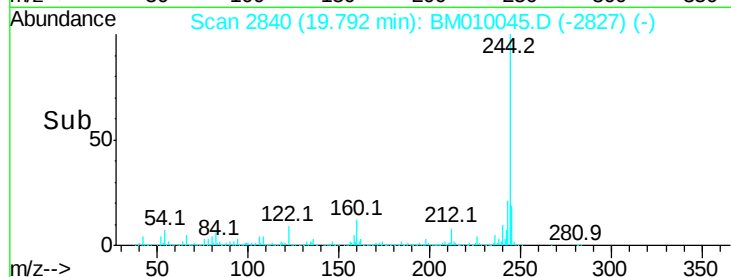
122 8.9 6.2 9.4



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: 23.65 min Scan# 3496

Delta R.T. -0.04 min

Lab File: BM010045.D

Acq: 15 May 2017 18:18

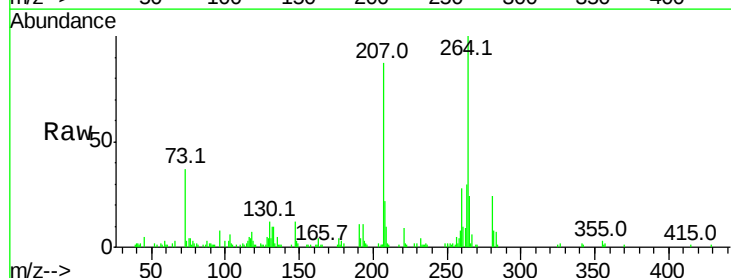
Tgt Ion:264 Resp: 96921

Ion Ratio Lower Upper

264 100

260 28.4 18.6 27.8#

265 24.1 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

