

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
 Data File : BM010030.D
 Acq On : 12 May 2017 19:04
 Operator : SJ/MA
 Sample : I3098-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 13 02:48:29 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

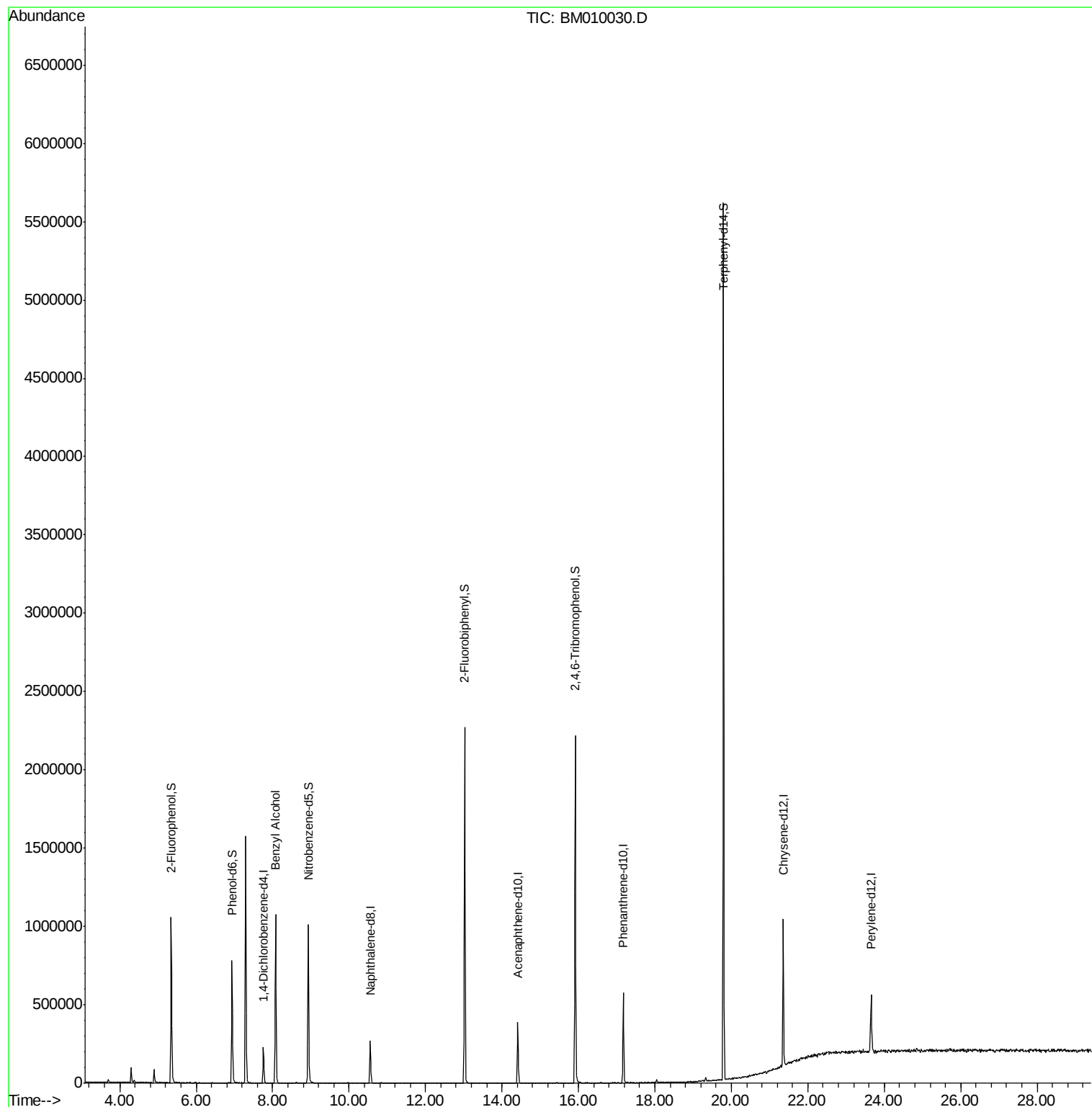
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	45851	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	191027	20.00	ng	-0.02
38) Acenaphthene-d10	14.41	164	116994	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	304273	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	420047	20.00	ng	-0.03
86) Perylene-d12	23.65	264	258995	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	342386	116.86	ng	-0.02
7) Phenol-d6	6.94	99	342520	72.96	ng	-0.03
23) Nitrobenzene-d5	8.93	82	585260	111.97	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	268086	167.43	ng	-0.02
44) 2-Fluorobiphenyl	13.02	172	950330	108.63	ng	-0.03
78) Terphenyl-d14	19.79	244	1939768	97.33	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.08	79	8313	2.08	ng	Qvalue # 51

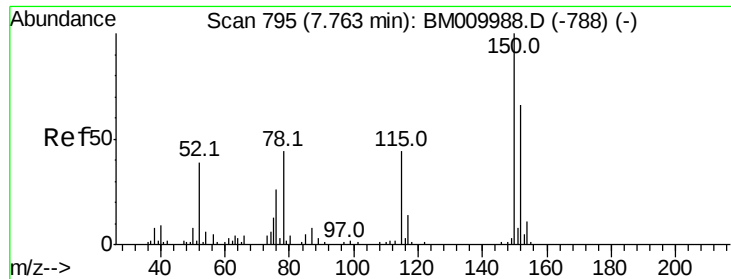
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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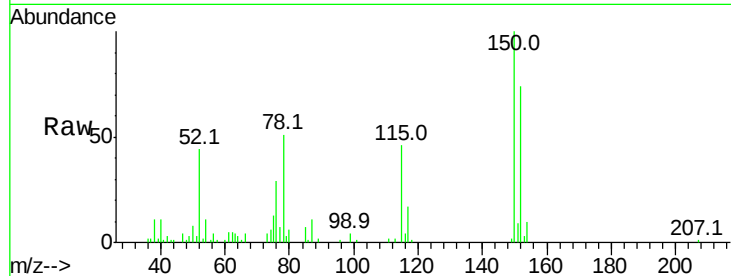


#1

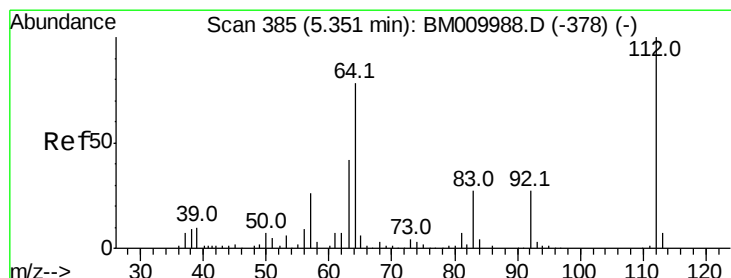
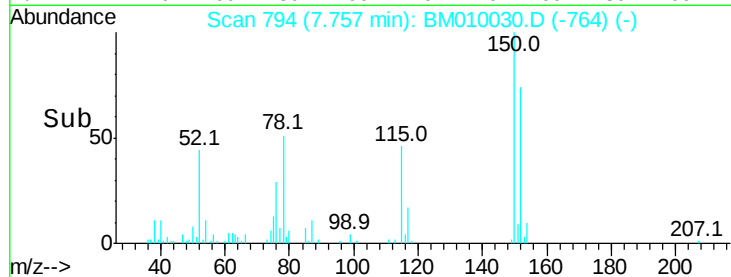
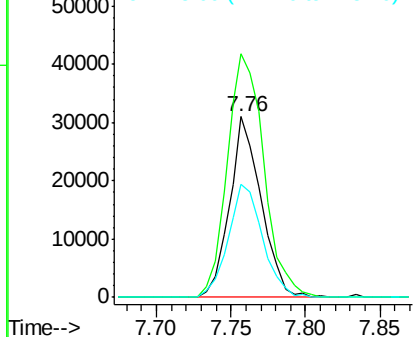
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010030.D
Acq: 12 May 2017 19:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 45851
Ion Ratio Lower Upper
152 100
150 134.9 119.5 179.3
115 62.6 43.0 64.4



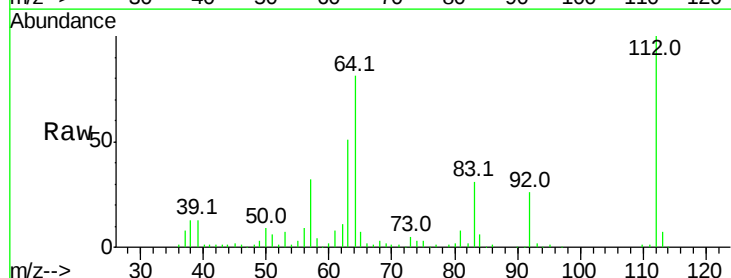
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



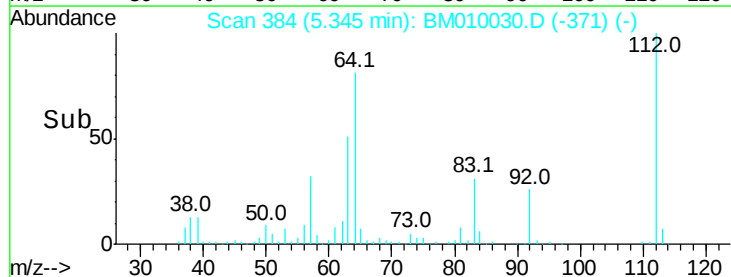
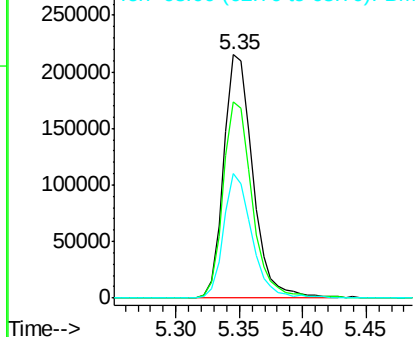
#5

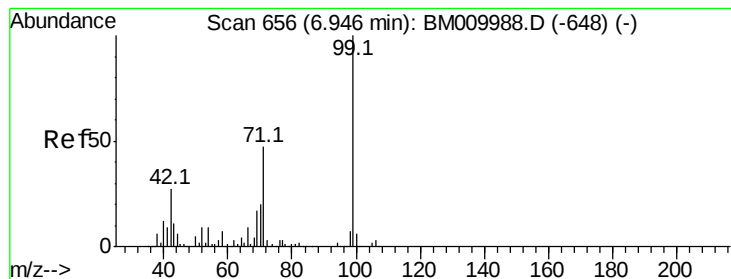
2-Fluorophenol
Concen: 116.86 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM010030.D
Acq: 12 May 2017 19:04

Tgt Ion:112 Resp: 342386
Ion Ratio Lower Upper
112 100
64 80.8 38.6 57.8#
63 51.1 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: 72.96 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010030.D

Acq: 12 May 2017 19:04

Instrument :

BNA_M

ClientSampled :

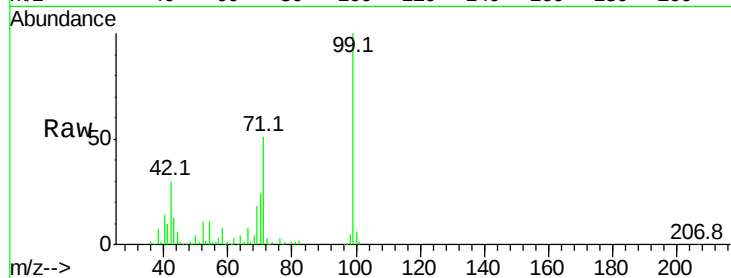
Tot Ion: 99 Resp: 342520

Ion Ratio Lower Upper

99 100

42 29.8 11.0 16.4#

71 51.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009988.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM009988.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM009988.D (-648) (-)

6.94

250000

200000

150000

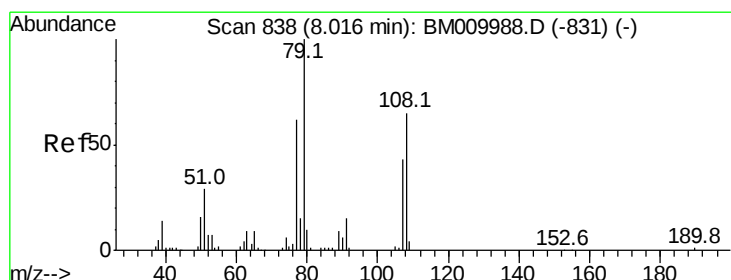
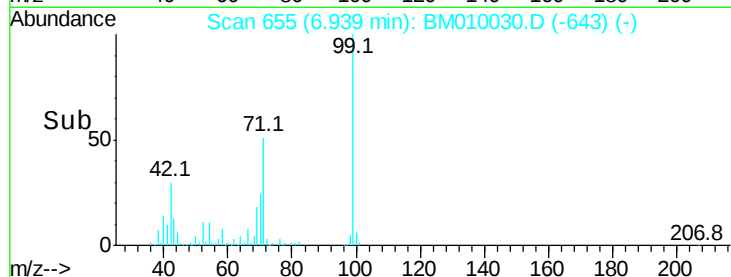
100000

50000

0

6.85 6.90 6.95 7.00 7.05

Time-->



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 8.08 min Scan# 849

Delta R.T. 0.05 min

Lab File: BM010030.D

Acq: 12 May 2017 19:04

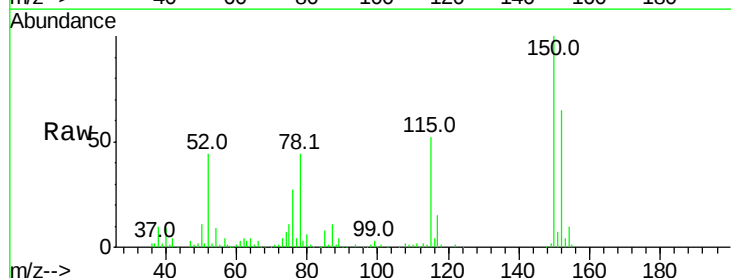
Tgt Ion: 79 Resp: 8313

Ion Ratio Lower Upper

79 100

108 52.6 65.0 97.4#

77 122.5 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM009988.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM009988.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM009988.D (-831) (-)

8.08

10000

8000

6000

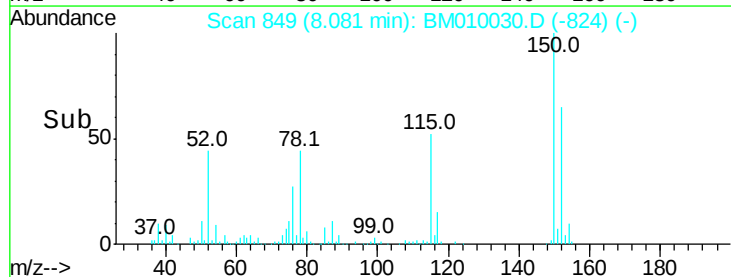
4000

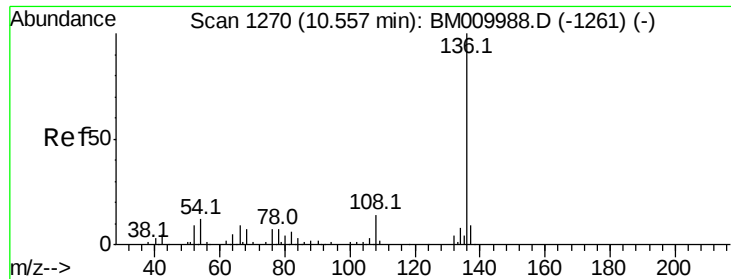
2000

0

8.02 8.04 8.06 8.08 8.10

Time-->

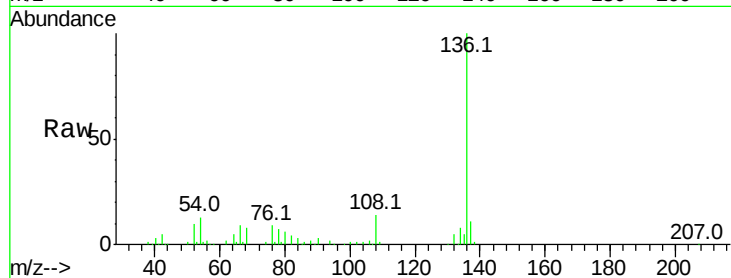




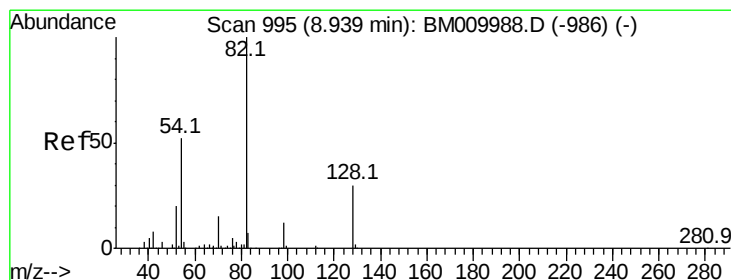
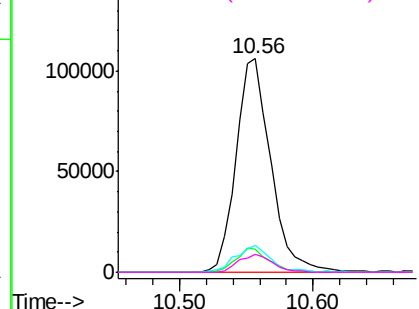
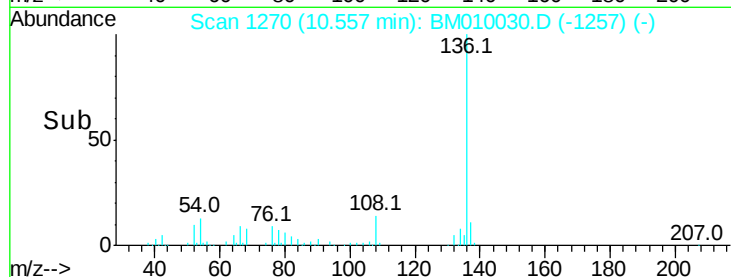
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BM010030.D
Acq: 12 May 2017 19:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	191027
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	12.6	4.6	6.8#
68	8.3	3.7	5.5#

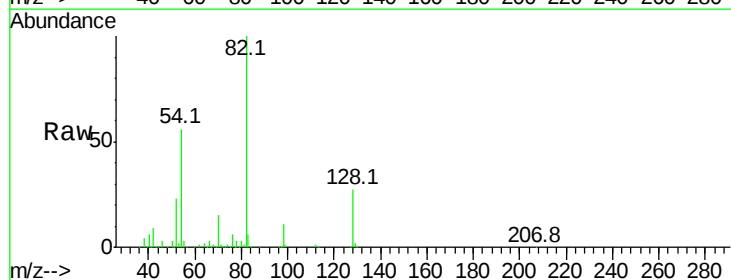


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

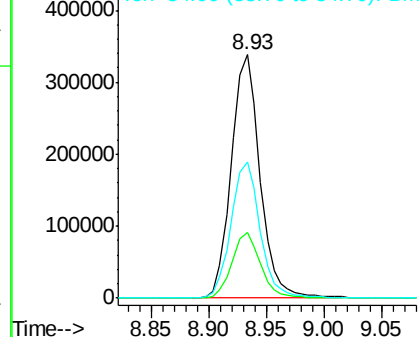
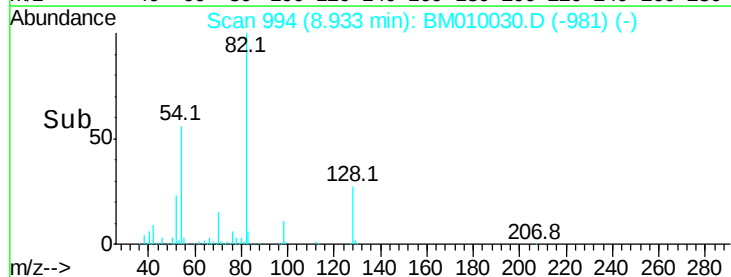


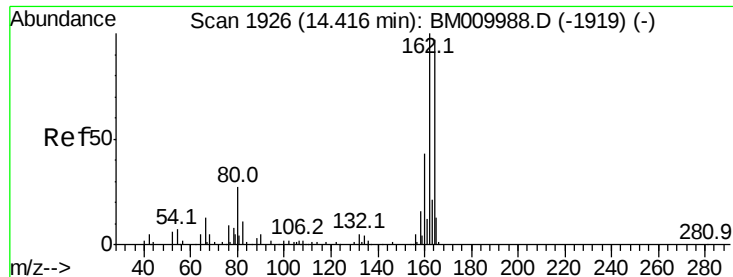
#23
Nitrobenzene-d5
Concen: 111.97 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BM010030.D
Acq: 12 May 2017 19:04

Tgt Ion:	82	Resp:	585260
Ion	Ratio	Lower	Upper
82	100		
128	27.1	32.8	49.2#
54	56.0	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM010030.D

Acq: 12 May 2017 19:04

Instrument :

BNA_M

ClientSampleId :

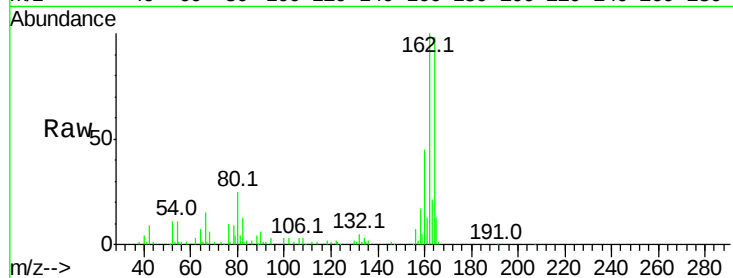
Tot Ion:164 Resp: 116994

Ion Ratio Lower Upper

164 100

162 102.3 82.4 123.6

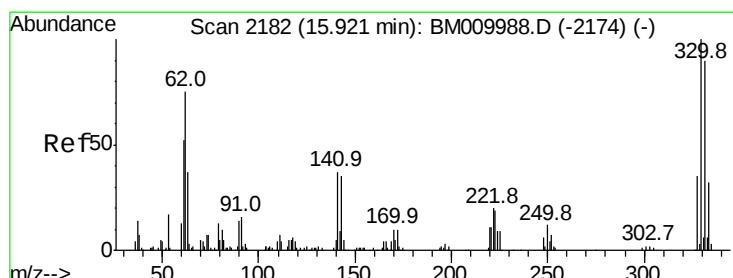
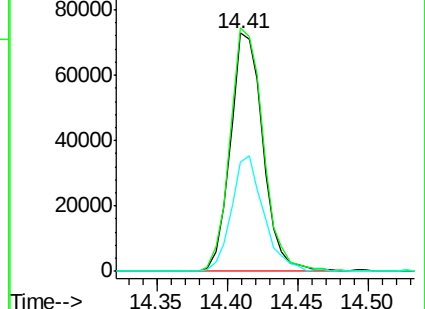
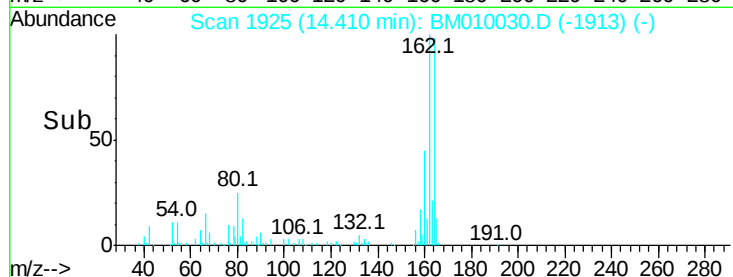
160 45.8 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 167.43 ng

RT: 15.92 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BM010030.D

Acq: 12 May 2017 19:04

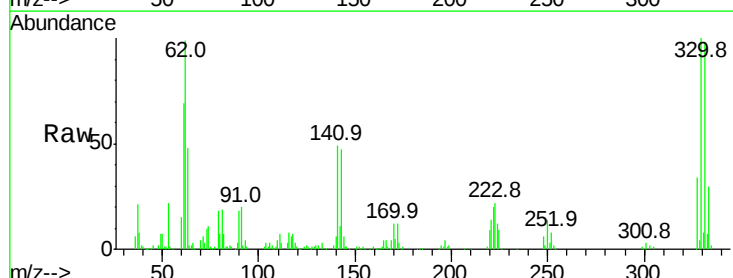
Tgt Ion:330 Resp: 268086

Ion Ratio Lower Upper

330 100

332 98.7 0.0 0.0#

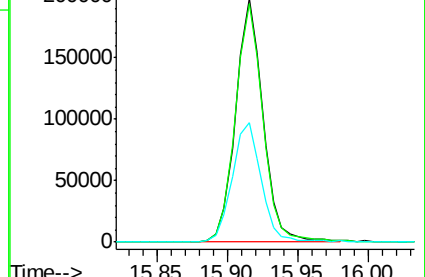
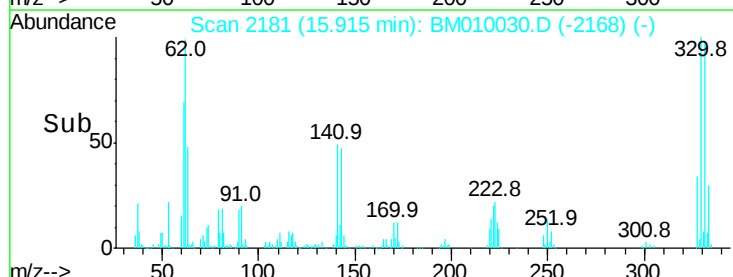
141 52.0 0.0 0.0#

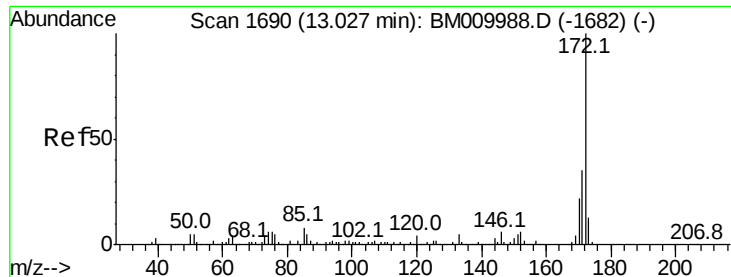


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 108.63 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.03 min

Lab File: BM010030.D

Acq: 12 May 2017 19:04

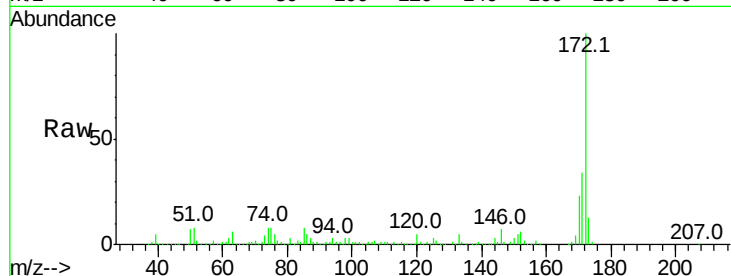
Instrument :

BNA_M

ClientSampleId :

Tot Ion:172 Resp: 950330

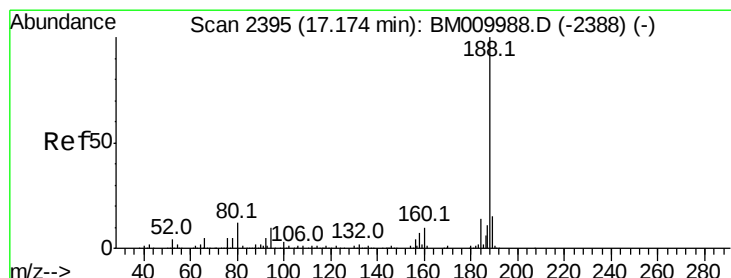
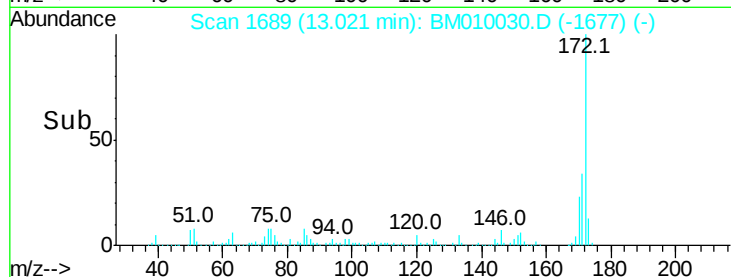
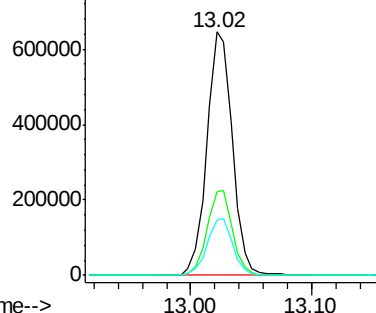
Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	23.0	18.8	28.2



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

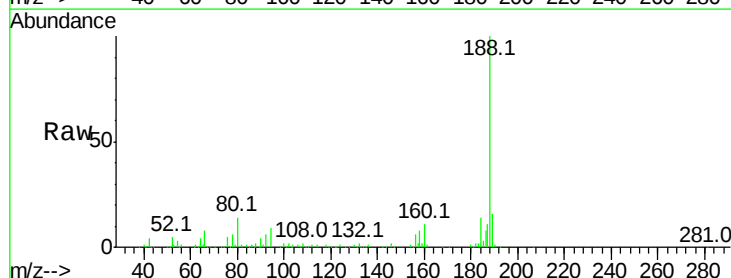
Delta R.T. -0.03 min

Lab File: BM010030.D

Acq: 12 May 2017 19:04

Tgt Ion:188 Resp: 304273

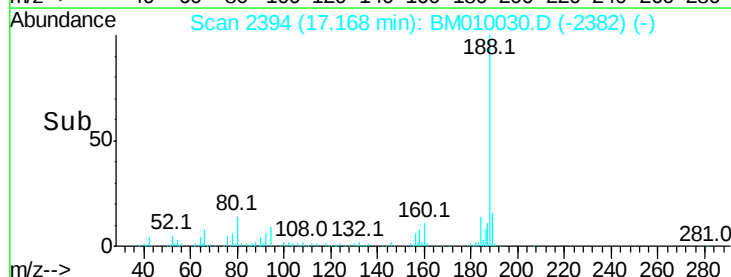
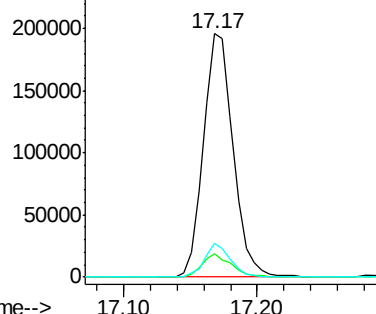
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.7	13.1
80	13.9	9.3	13.9

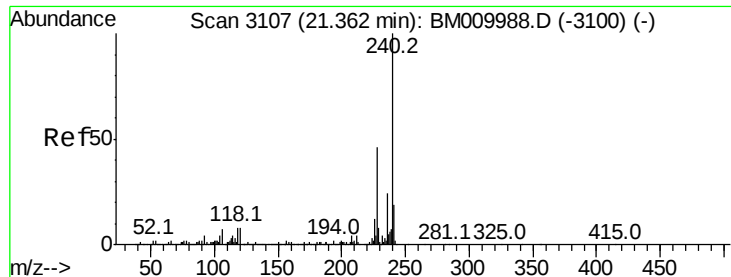


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM010030.D

Acq: 12 May 2017 19:04

Instrument :

BNA_M

ClientSampleId :

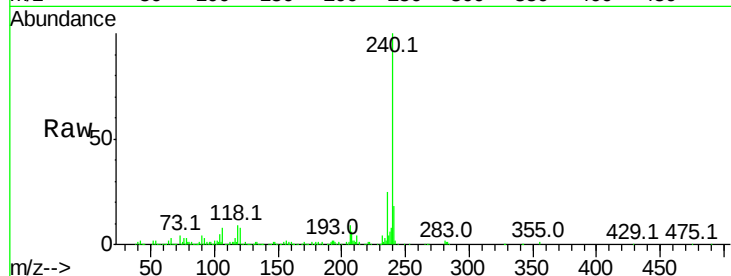
Tot Ion:240 Resp: 420047

Ion Ratio Lower Upper

240 100

120 8.2 8.2 12.2

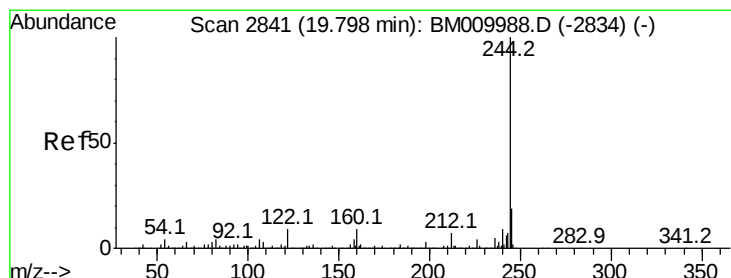
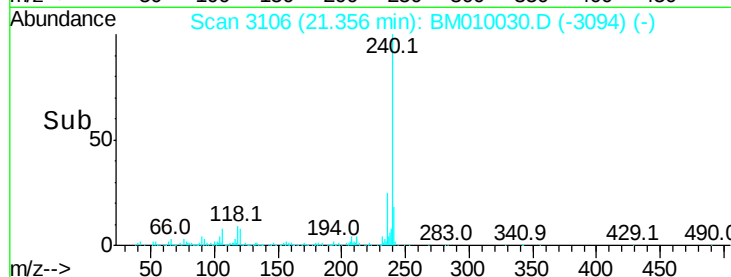
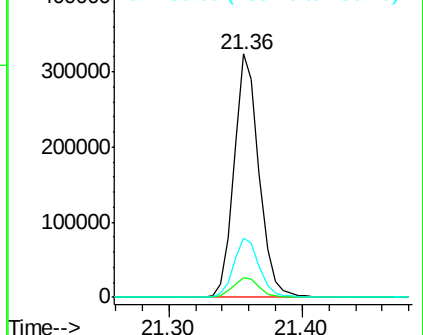
236 24.5 20.0 30.0



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: 97.33 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010030.D

Acq: 12 May 2017 19:04

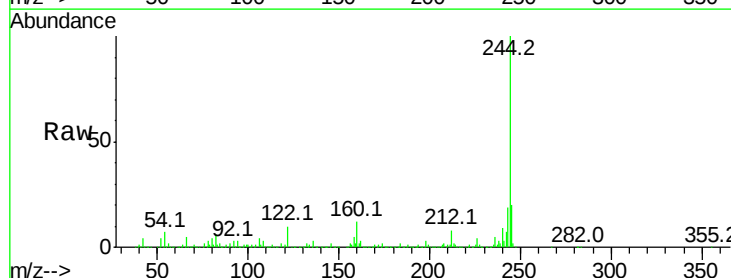
Tgt Ion:244 Resp: 1939768

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

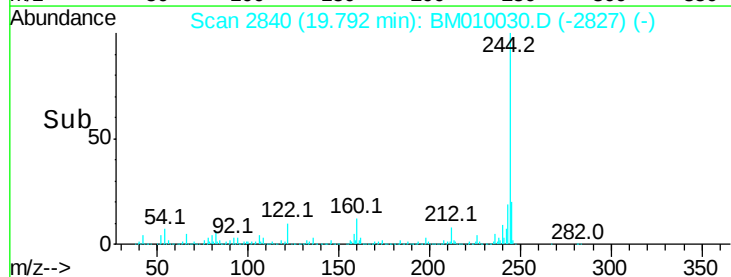
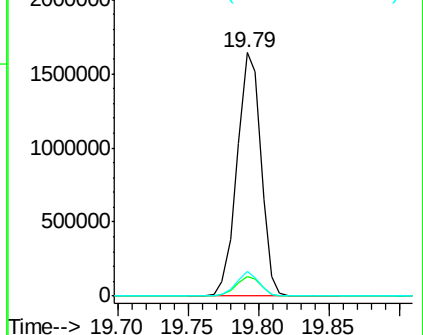
122 9.9 6.2 9.4#

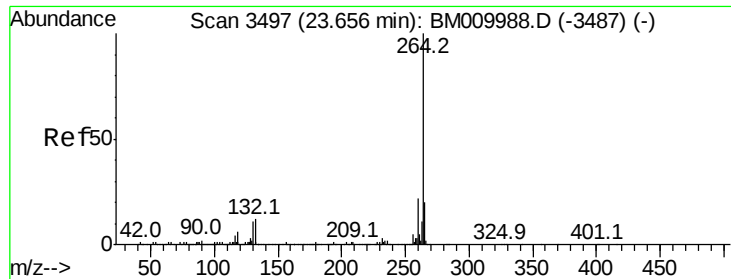


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

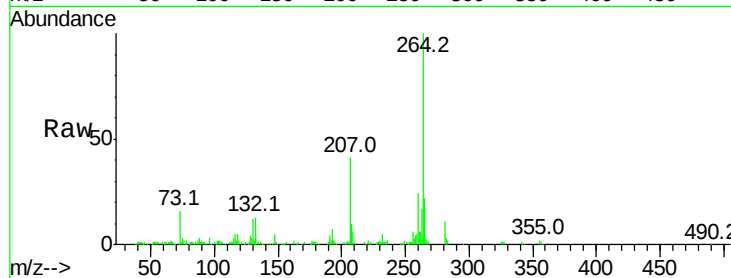




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.65 min Scan# 3496
Delta R.T. -0.04 min
Lab File: BM010030.D
Acq: 12 May 2017 19:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
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

