

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
 Data File : BM010044.D
 Acq On : 15 May 2017 17:42
 Operator : SJ/MA
 Sample : PB98946TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 16 04:19:52 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

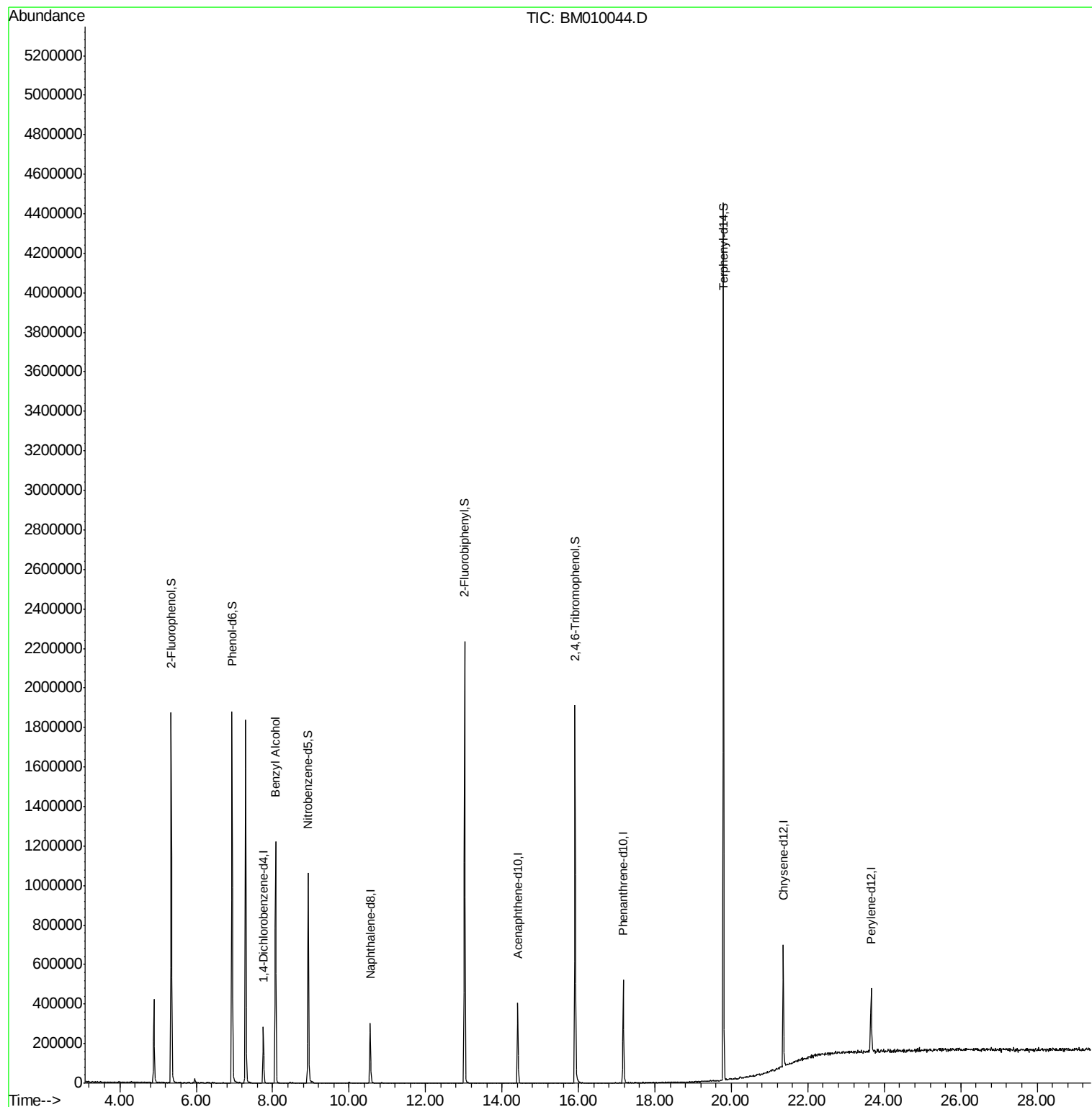
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	51037	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	197772	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	114184	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	271018	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	287962	20.00	ng	-0.03
86) Perylene-d12	23.66	264	239477	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	533037	163.44	ng	-0.02
7) Phenol-d6	6.94	99	750176	143.55	ng	-0.03
23) Nitrobenzene-d5	8.93	82	580661	107.30	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	220894	141.35	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	865738	101.39	ng	-0.03
78) Terphenyl-d14	19.79	244	1460462	106.89	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.07	79	10544	2.37	ng	Qvalue # 31

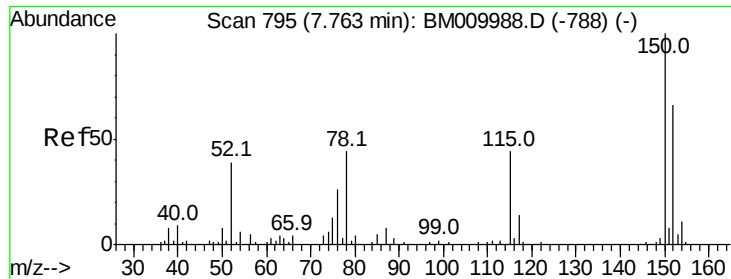
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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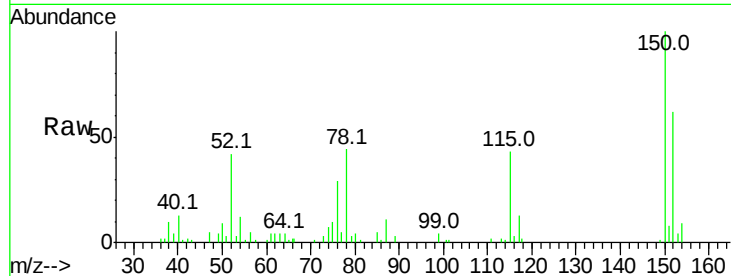


#1

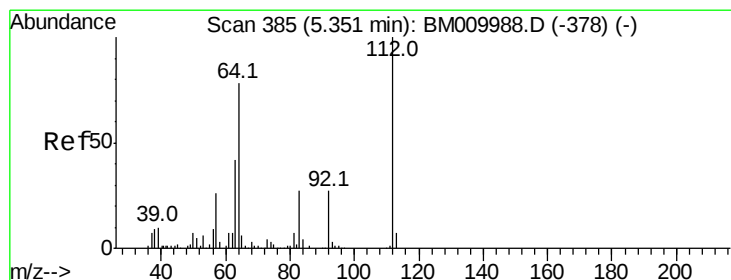
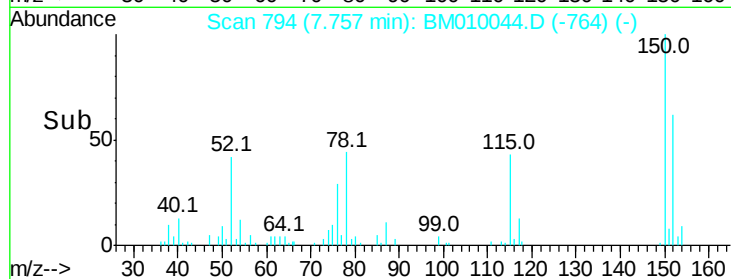
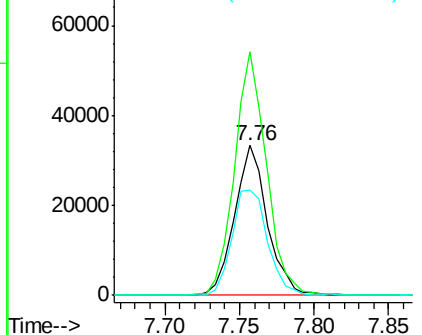
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010044.D
Acq: 15 May 2017 17:42

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 51037
Ion Ratio Lower Upper
152 100
150 162.5 119.5 179.3
115 70.6 43.0 64.4#



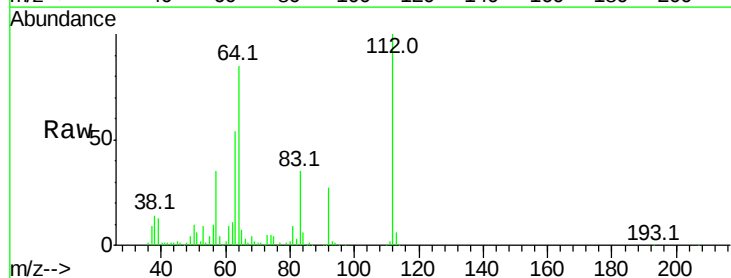
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



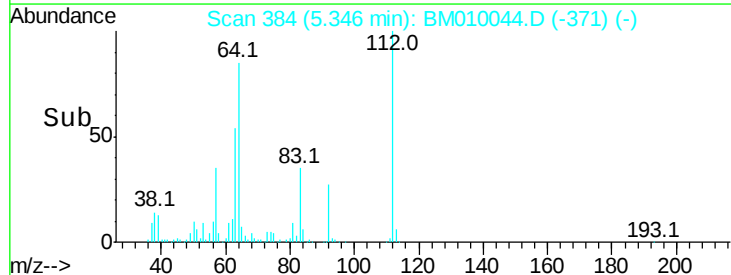
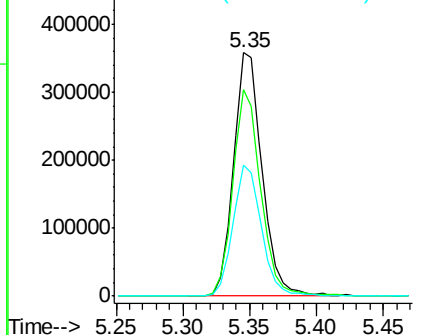
#5

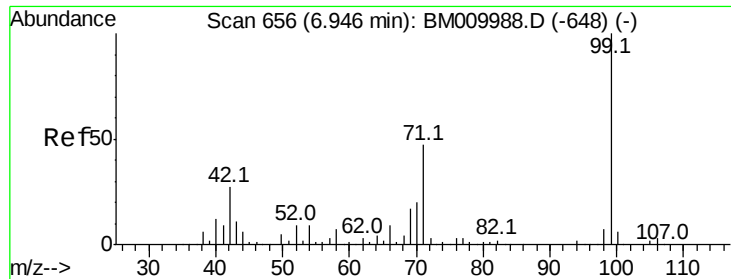
2-Fluorophenol
Concen: 163.44 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM010044.D
Acq: 15 May 2017 17:42

Tgt Ion:112 Resp: 533037
Ion Ratio Lower Upper
112 100
64 84.9 38.6 57.8#
63 53.8 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: 143.55 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010044.D

Acq: 15 May 2017 17:42

Instrument :

BNA_M

ClientSampled :

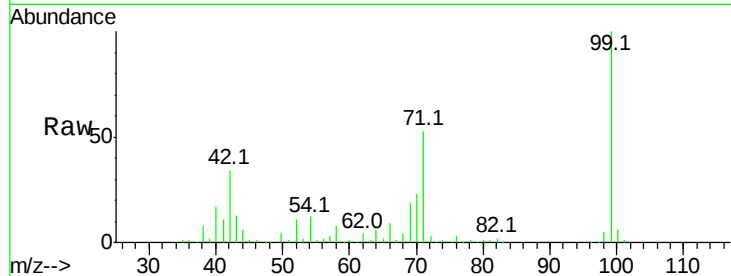
Tot Ion: 99 Resp: 750176

Ion Ratio Lower Upper

99 100

42 34.0 11.0 16.4#

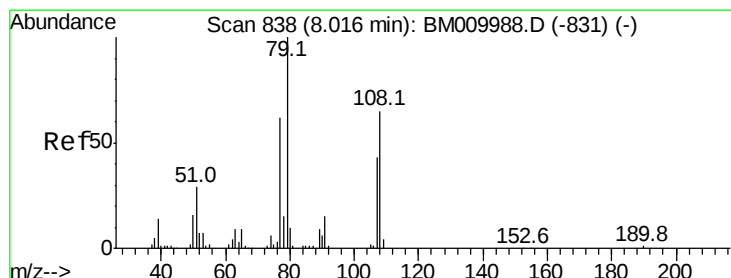
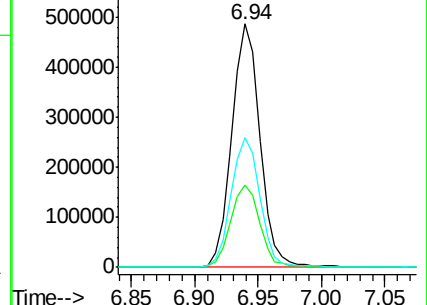
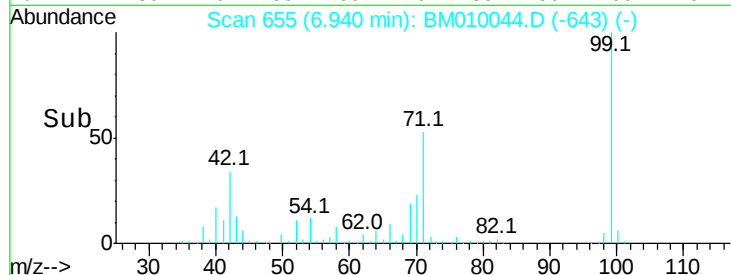
71 53.4 23.4 35.2#



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) (-)



#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 8.07 min Scan# 848

Delta R.T. 0.04 min

Lab File: BM010044.D

Acq: 15 May 2017 17:42

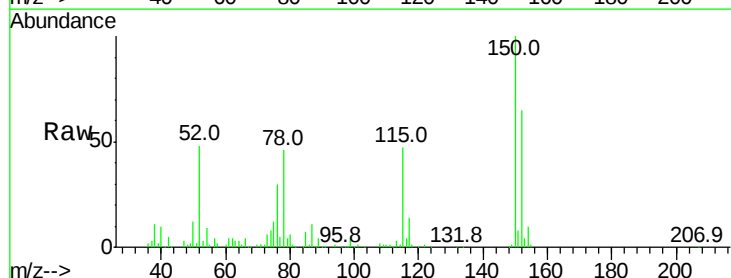
Tgt Ion: 79 Resp: 10544

Ion Ratio Lower Upper

79 100

108 42.9 65.0 97.4#

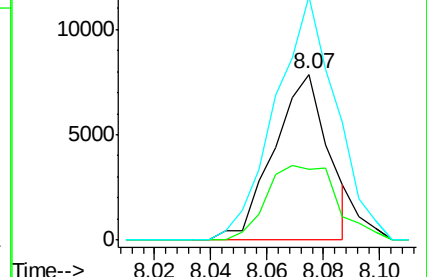
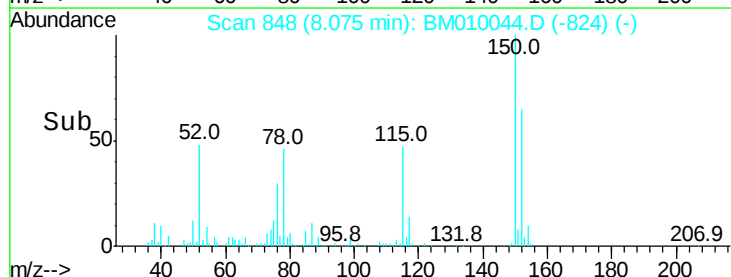
77 146.9 53.0 79.6#

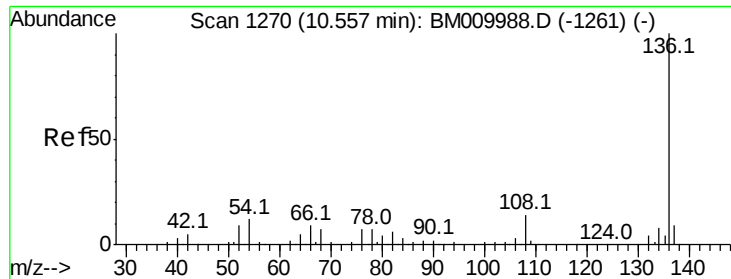


Abundance Ion 79.00 (78.70 to 79.70): BM009988.D (-831) (-)

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

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

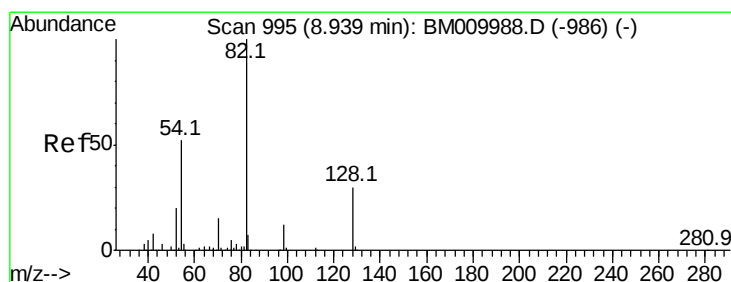
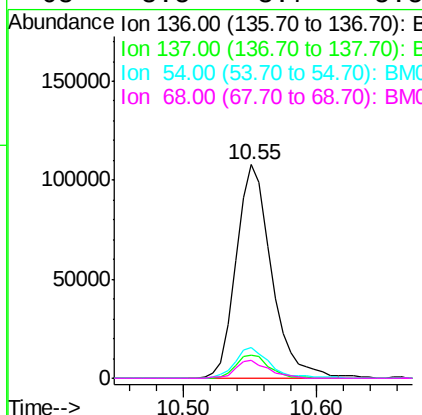
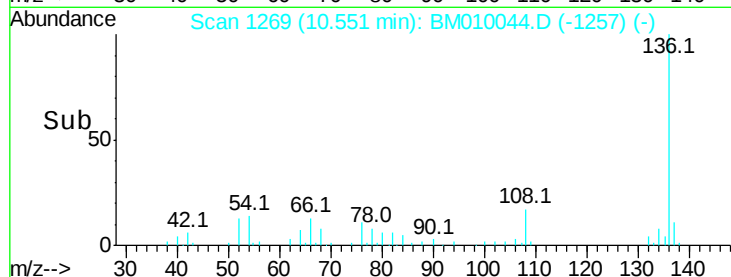
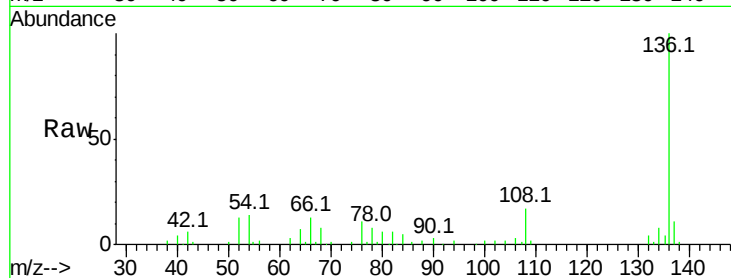




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BM010044.D
Acq: 15 May 2017 17:42

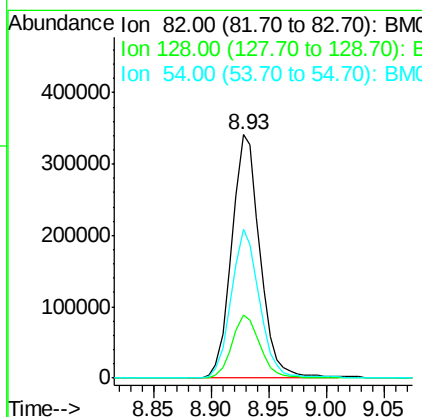
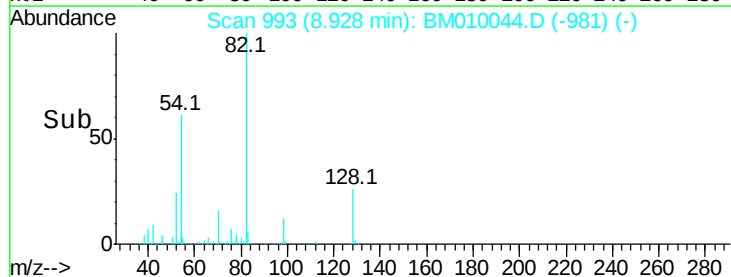
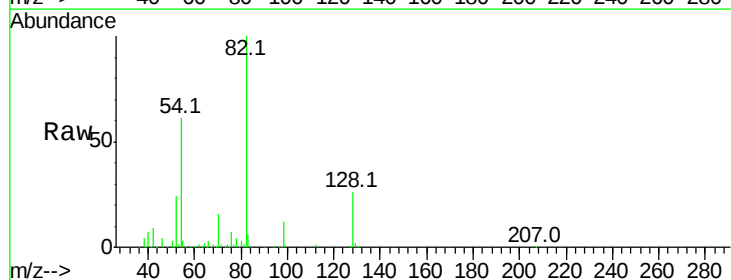
Instrument :
BNA_M
ClientSampleId :

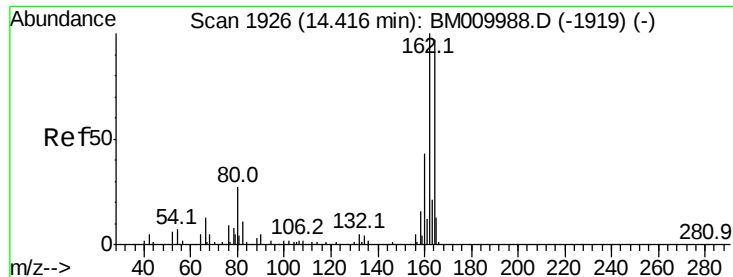
Tot Ion:	136	Resp:	197772
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	14.2	4.6	6.8#
68	8.5	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 107.30 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM010044.D
Acq: 15 May 2017 17:42

Tgt Ion:	82	Resp:	580661
Ion	Ratio	Lower	Upper
82	100		
128	26.2	32.8	49.2#
54	61.4	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: BM010044.D

Acq: 15 May 2017 17:42

Instrument :

BNA_M

ClientSampled :

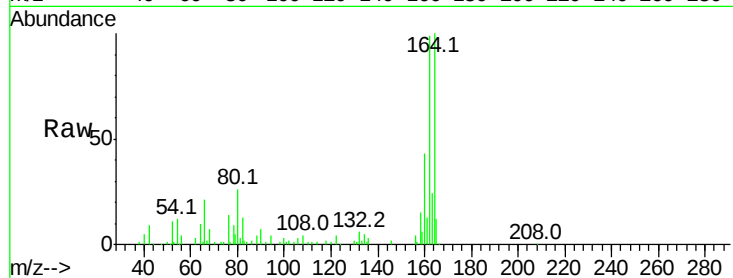
Tot Ion:164 Resp: 114184

Ion Ratio Lower Upper

164 100

162 99.5 82.4 123.6

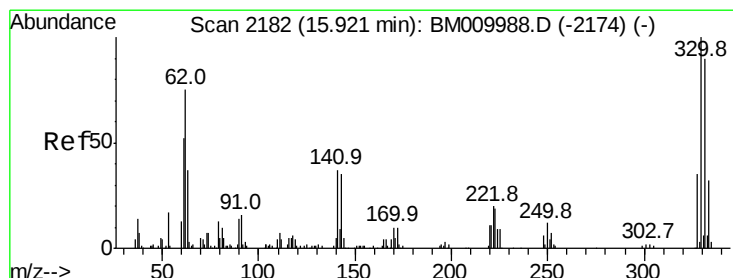
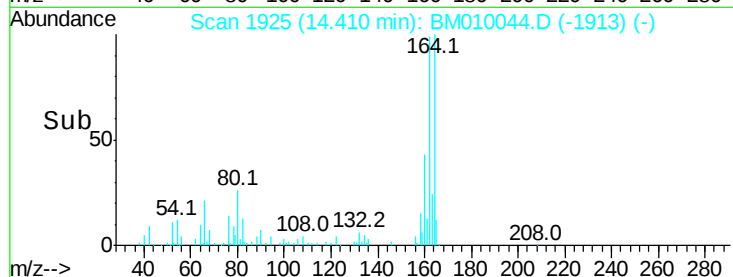
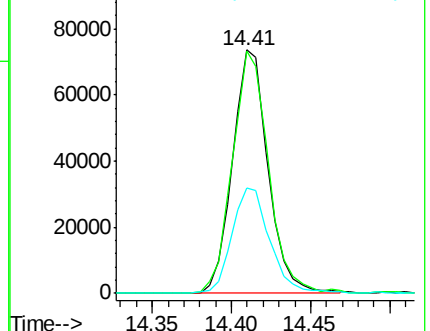
160 43.3 35.8 53.6



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: 141.35 ng

RT: 15.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BM010044.D

Acq: 15 May 2017 17:42

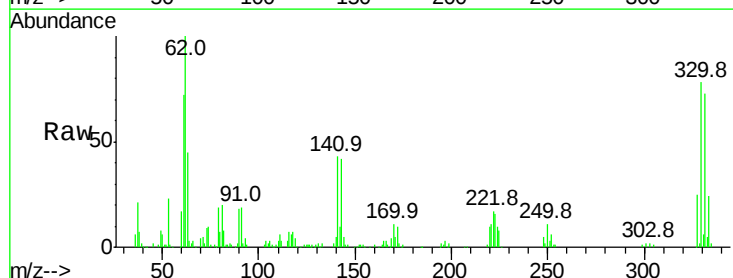
Tgt Ion:330 Resp: 220894

Ion Ratio Lower Upper

330 100

332 94.2 0.0 0.0#

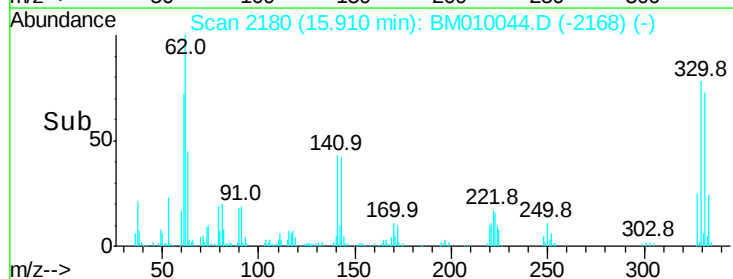
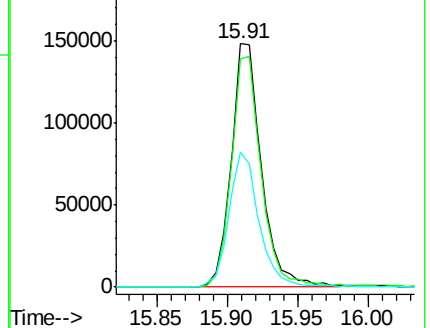
141 55.4 0.0 0.0#

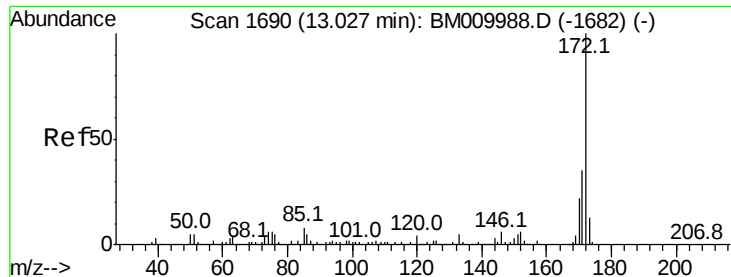


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 101.39 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.03 min

Lab File: BM010044.D

Acq: 15 May 2017 17:42

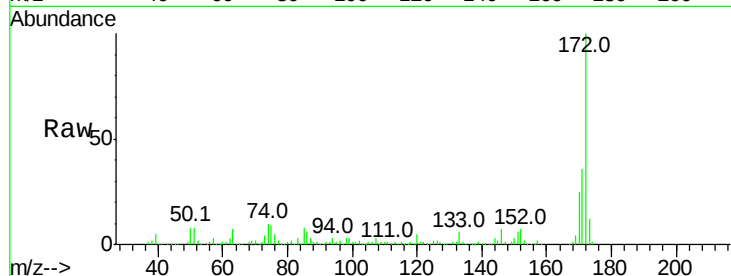
Instrument :

BNA_M

ClientSampleId :

Tot Ion:172 Resp: 865738

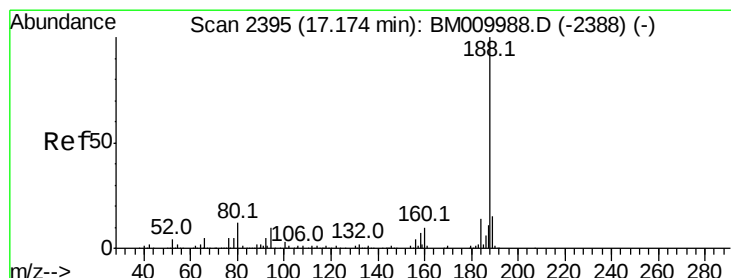
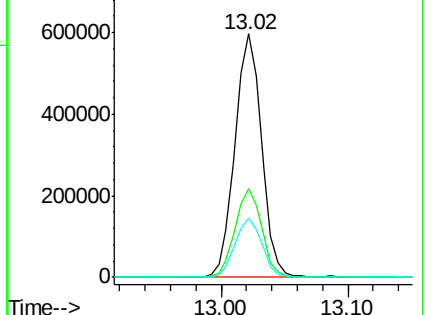
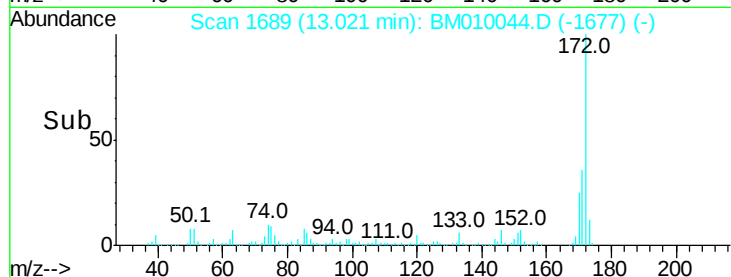
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	24.6	18.8	28.2



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

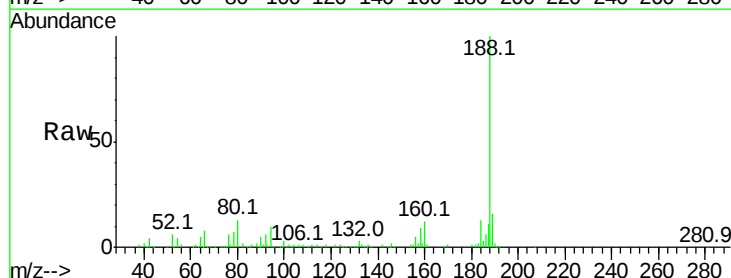
Delta R.T. -0.03 min

Lab File: BM010044.D

Acq: 15 May 2017 17:42

Tgt Ion:188 Resp: 271018

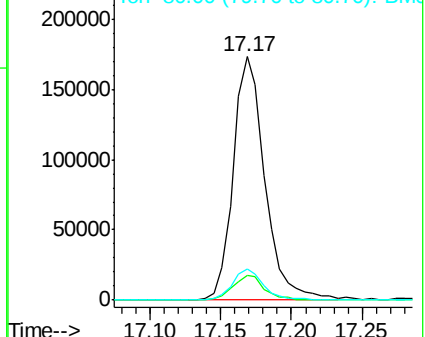
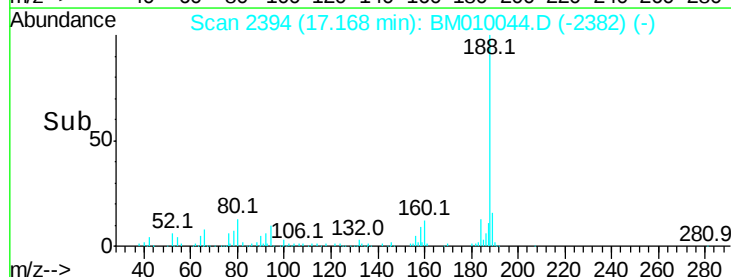
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.7	13.1
80	12.8	9.3	13.9

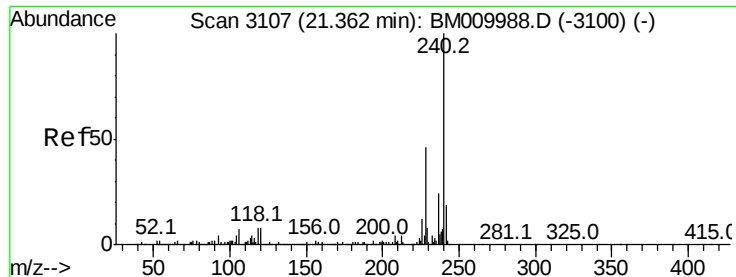


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM010044.D

Acq: 15 May 2017 17:42

Instrument :

BNA_M

ClientSampleId :

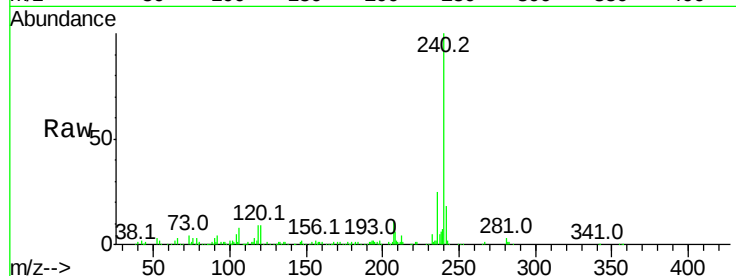
Tot Ion:240 Resp: 287962

Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.2	12.2
236	25.3	20.0	30.0

240 100

120 8.9 8.2 12.2

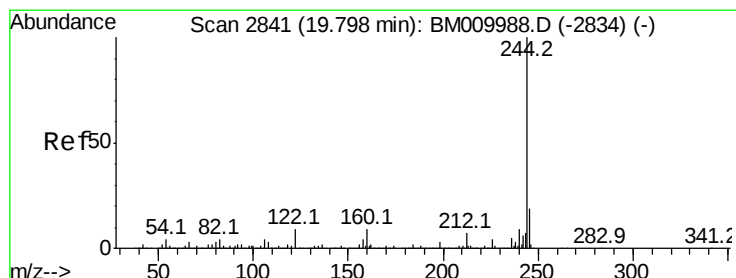
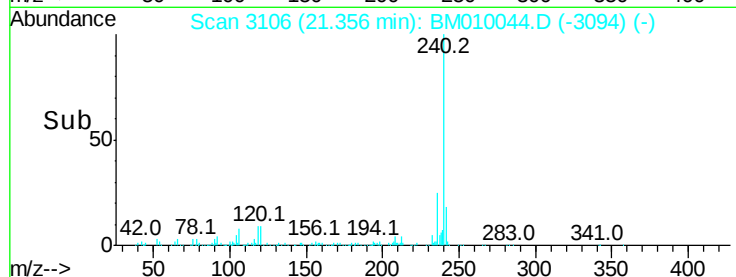
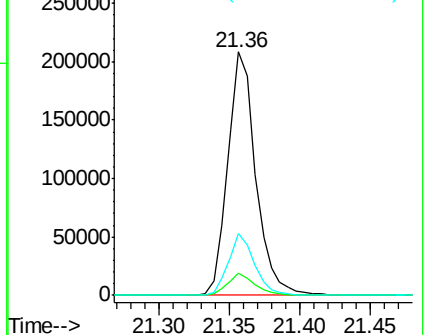
236 25.3 20.0 30.0



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: 106.89 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010044.D

Acq: 15 May 2017 17:42

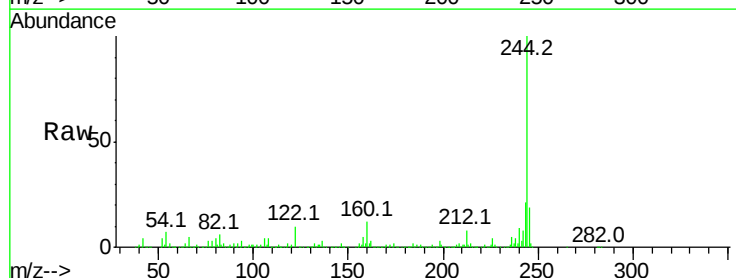
Tgt Ion:244 Resp: 1460462

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	9.6	6.2	9.4#

244 100

212 8.3 4.9 7.3#

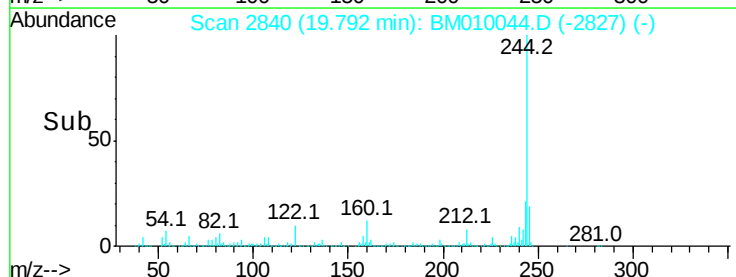
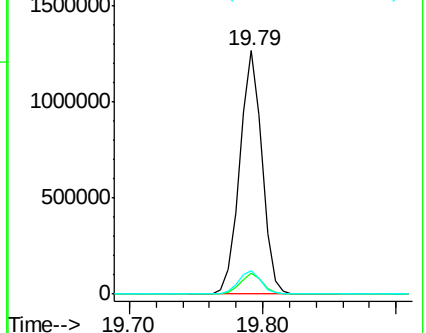
122 9.6 6.2 9.4#

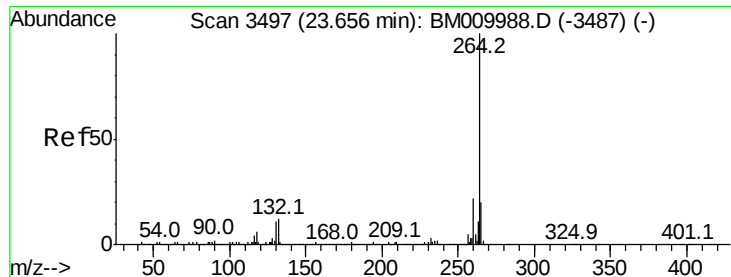


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

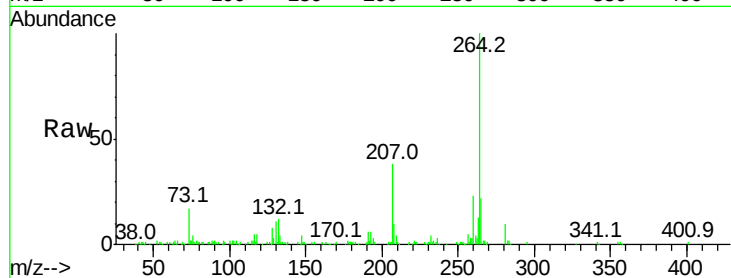




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.66 min Scan# 3497
Delta R.T. -0.04 min
Lab File: BM010044.D
Acq: 15 May 2017 17:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.6	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

