

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 :
 FB051017

Quant Time: May 13 04:19:33 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

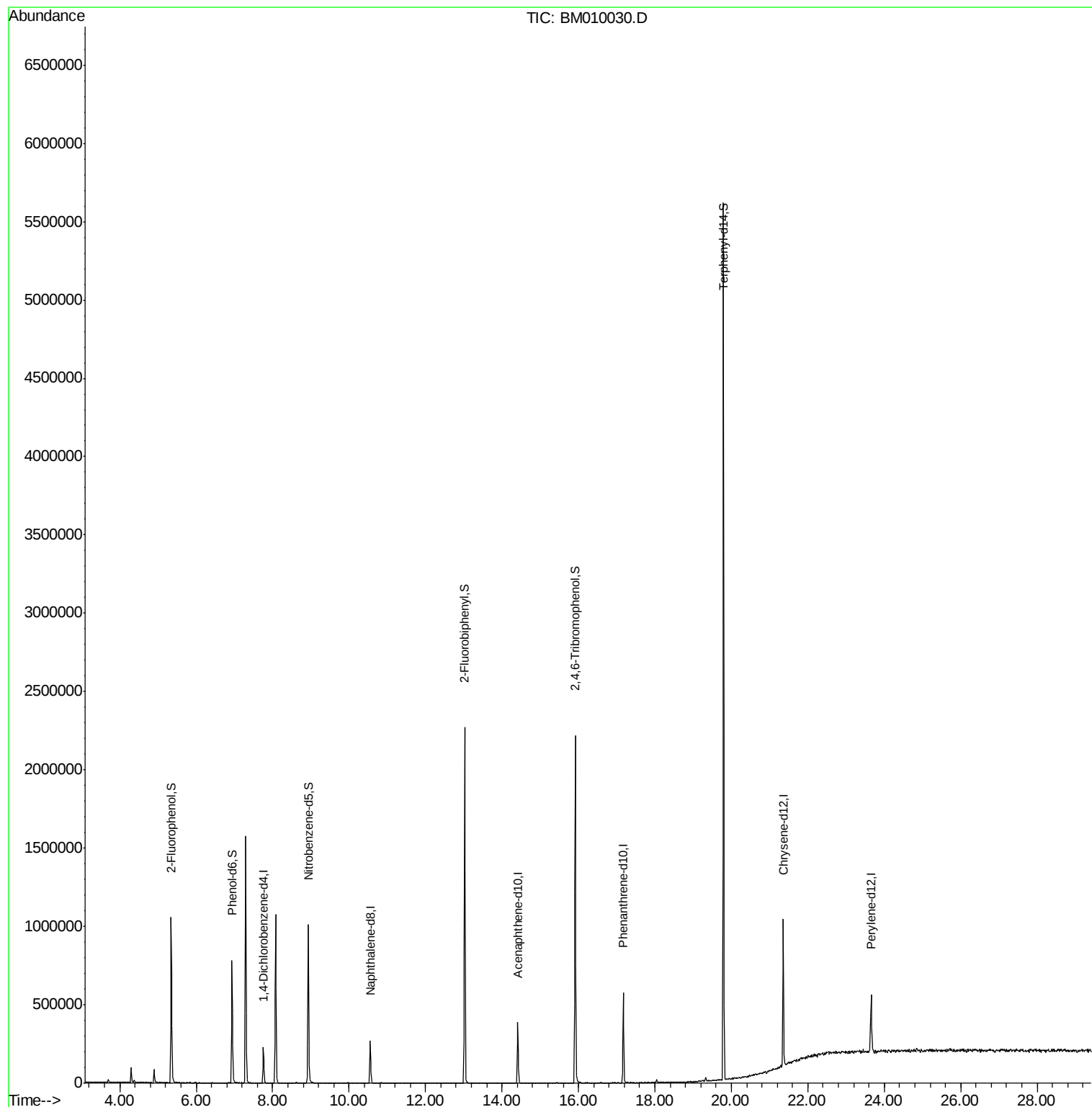
Target Compounds Qvalue

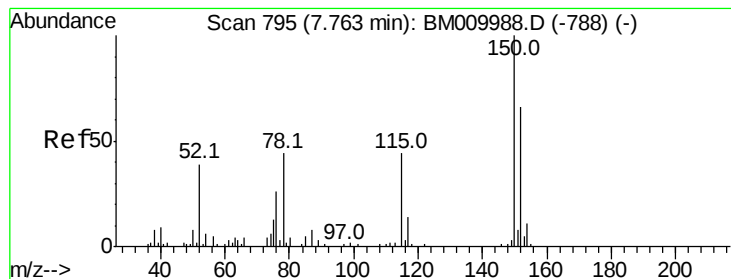
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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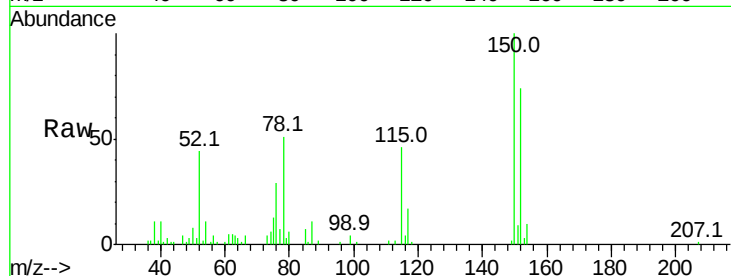


#1

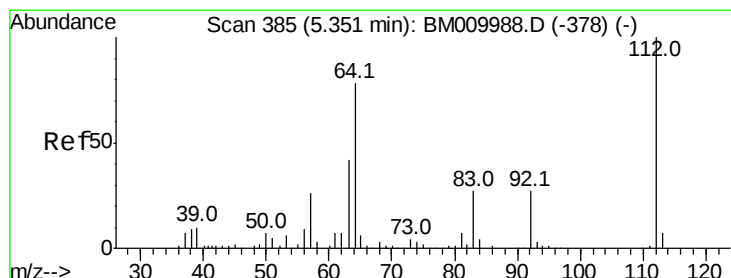
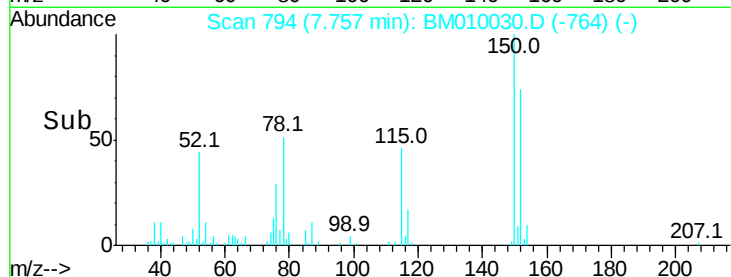
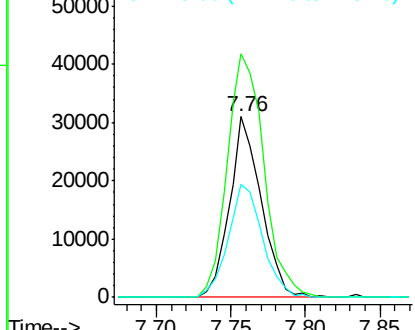
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010030.D
Acq: 12 May 2017 19:04

Instrument :
BNA_M
ClientSampleId :
FB051017

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



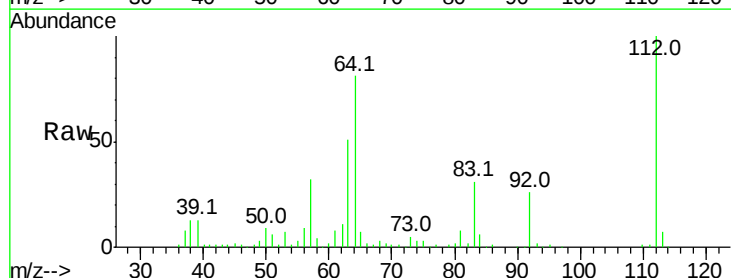
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



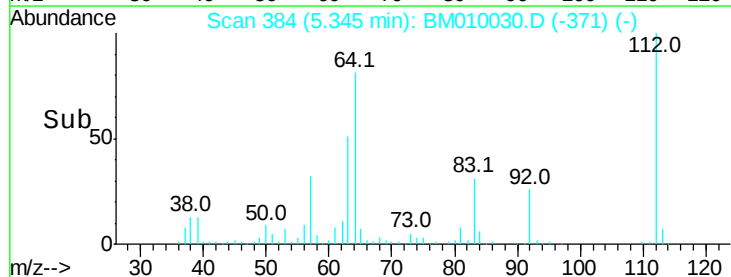
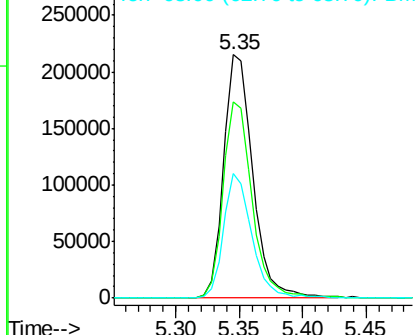
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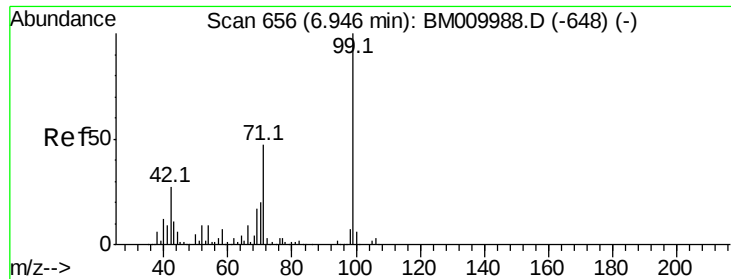
2-Fluorophenol
Concen: 116.86 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM010030.D
Acq: 12 May 2017 19:04

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

ClientSampleId :

FB051017

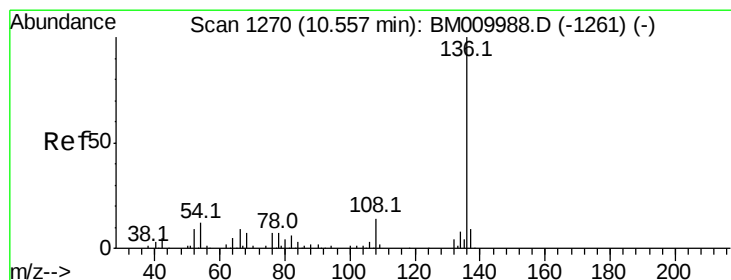
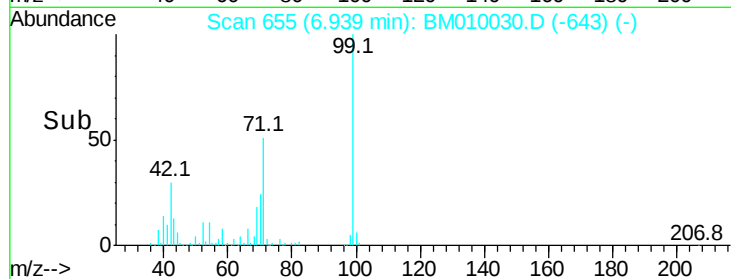
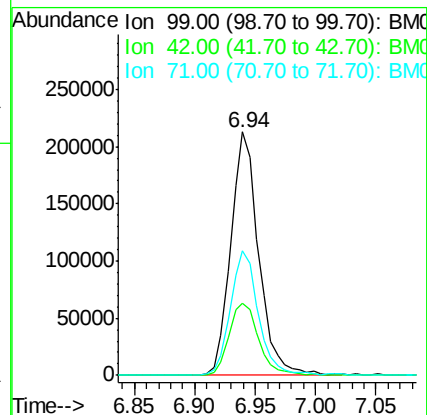
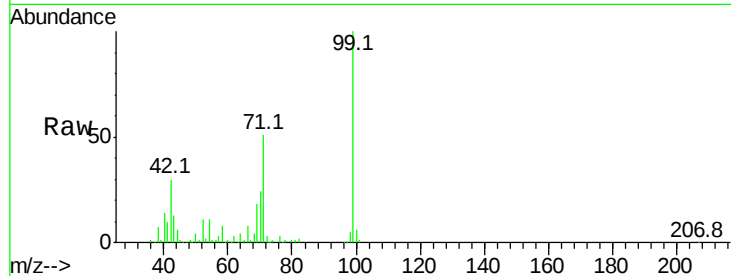
Tot Ion: 99 Resp: 342520

Ion Ratio Lower Upper

99 100

42 29.8 11.0 16.4#

71 51.1 23.4 35.2#



#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

Tgt Ion: 136 Resp: 191027

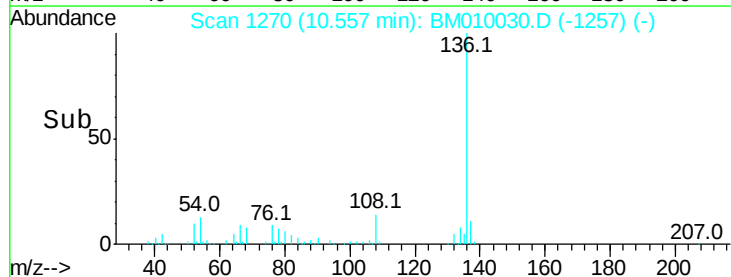
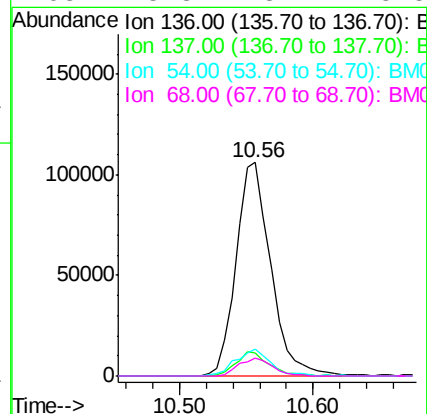
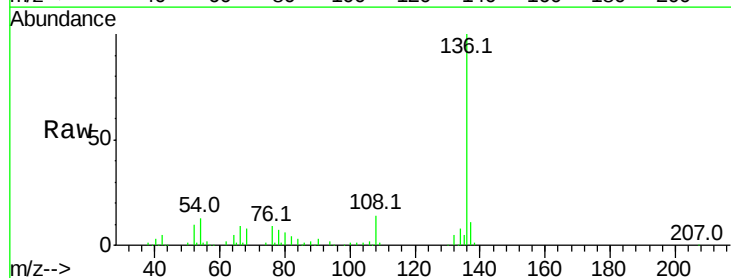
Ion Ratio Lower Upper

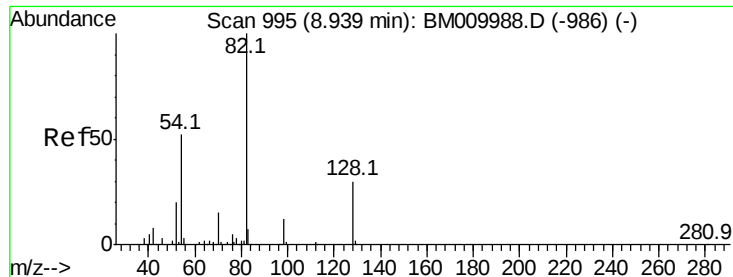
136 100

137 10.6 8.7 13.1

54 12.6 4.6 6.8#

68 8.3 3.7 5.5#

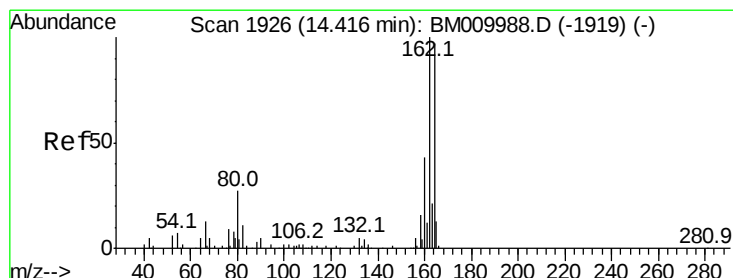
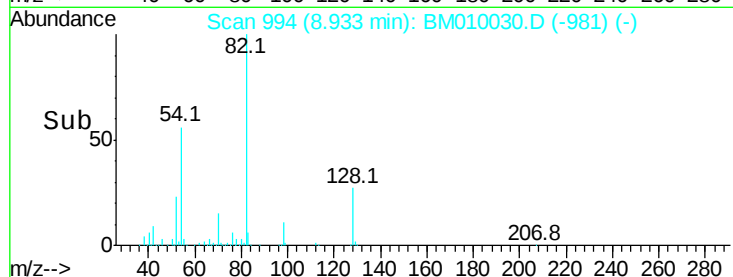
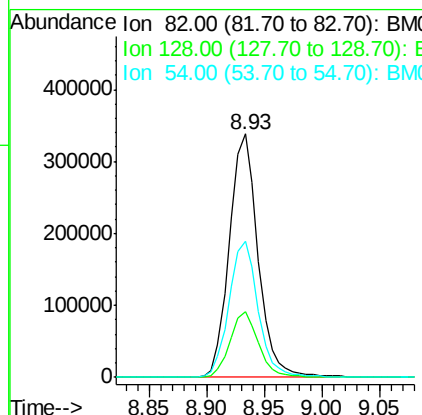
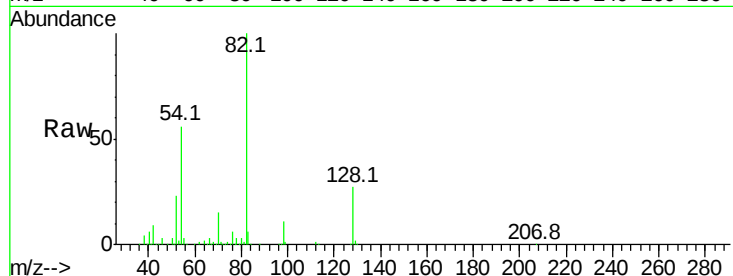




#23
 Nitrobenzene-d5
 Concen: 111.97 ng
 RT: 8.93 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BM010030.D
 Acq: 12 May 2017 19:04

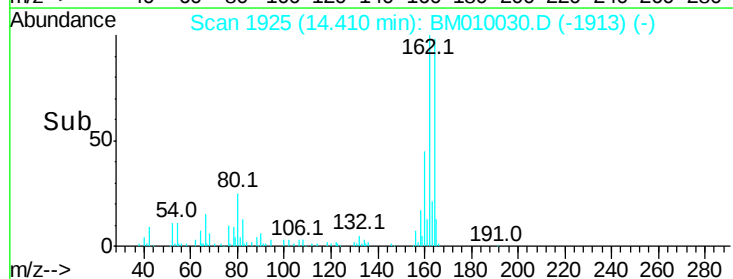
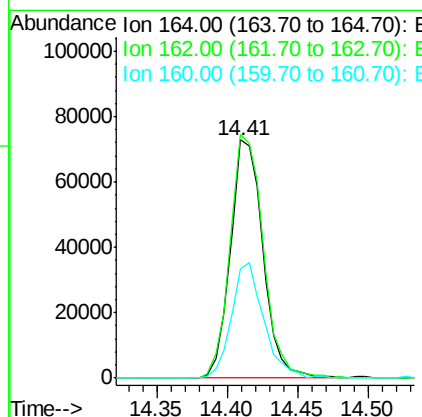
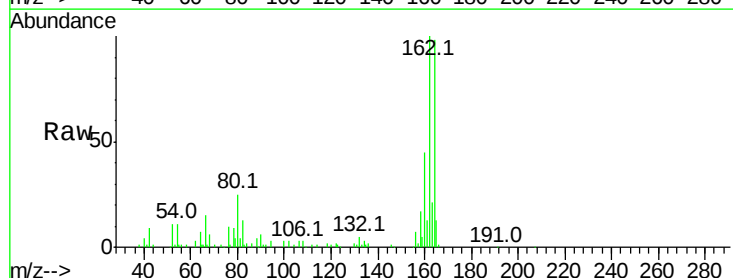
Instrument :
 BNA_M
 ClientSampleID :
 FB051017

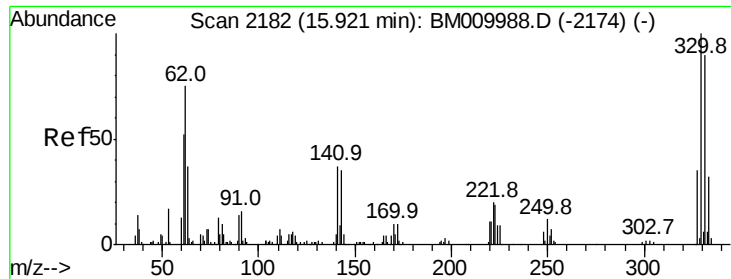
Tot Ion	Ratio	Lower	Upper
82	100		
128	27.1	32.8	49.2#
54	56.0	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.41 min Scan# 1925
 Delta R.T. -0.03 min
 Lab File: BM010030.D
 Acq: 12 May 2017 19:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.4	123.6
160	45.8	35.8	53.6

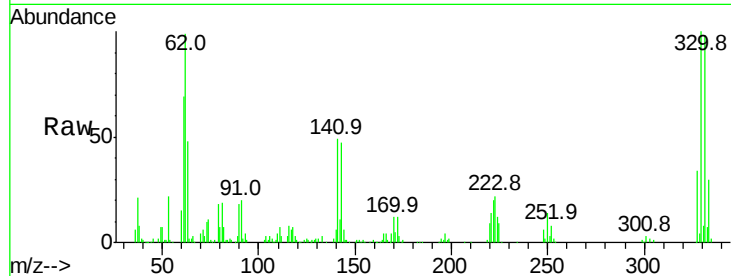




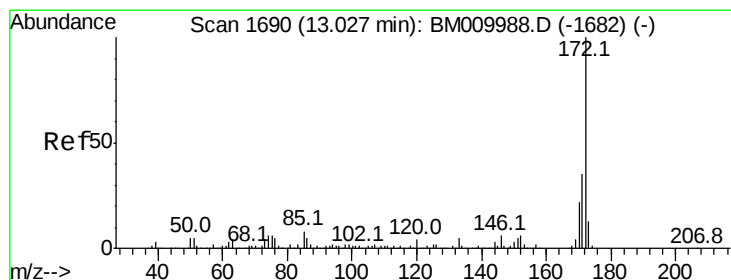
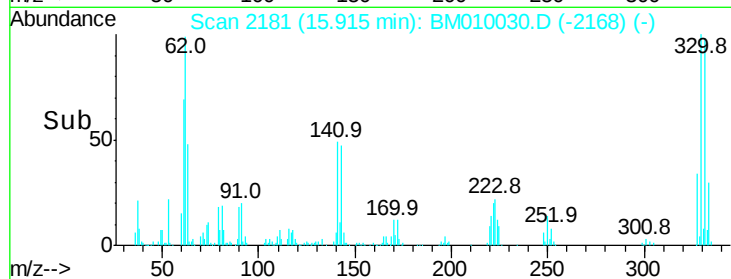
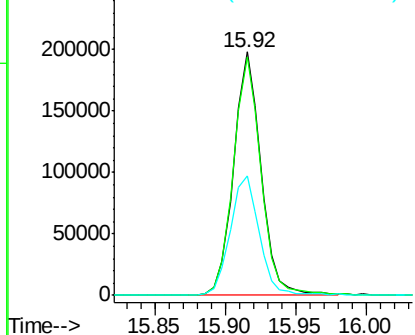
#41
 2,4,6-Tribromophenol
 Concen: 167.43 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010030.D
 Acq: 12 May 2017 19:04

Instrument :
 BNA_M
 ClientSampled :
 FB051017

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	0.0	0.0#
141	52.0	0.0	0.0#

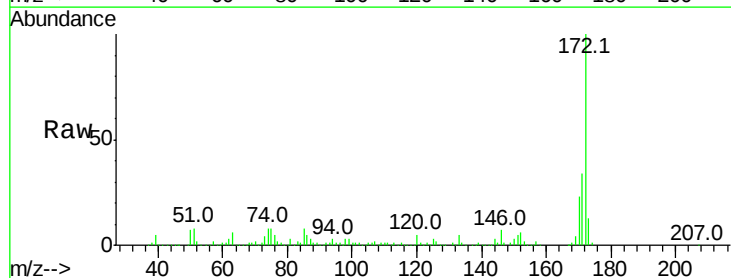


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

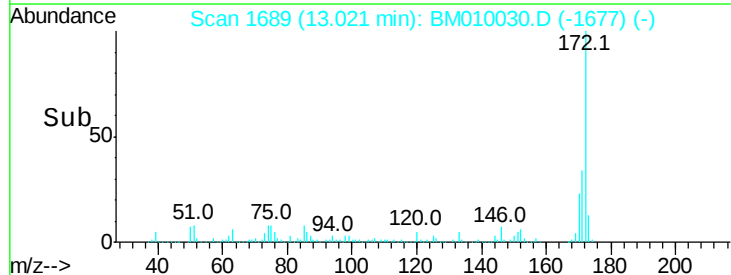
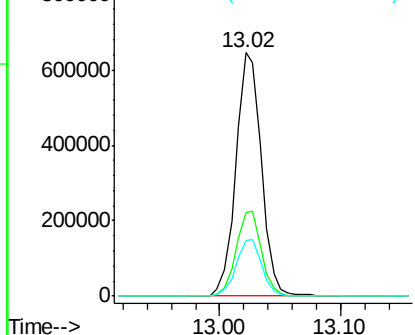


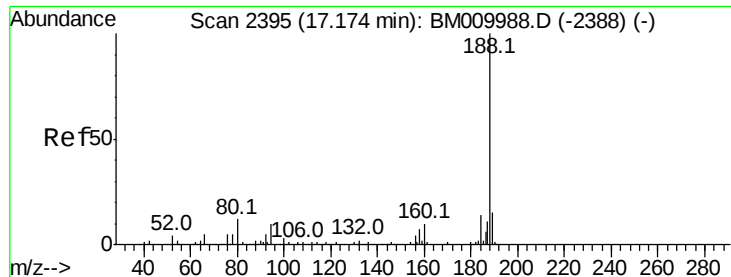
#44
 2-Fluorobiphenyl
 Concen: 108.63 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.03 min
 Lab File: BM010030.D
 Acq: 12 May 2017 19:04

Tgt 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

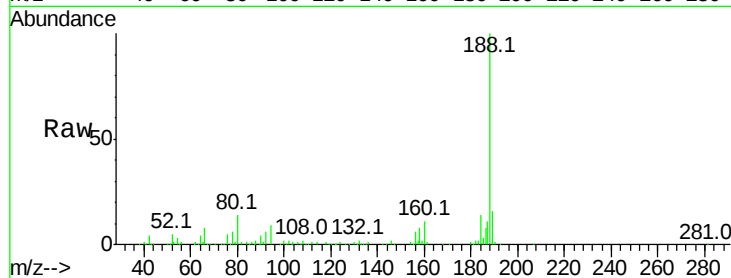




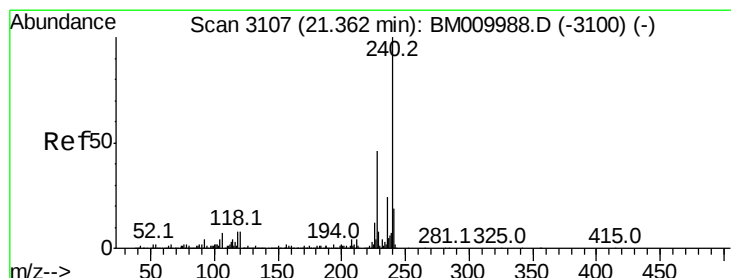
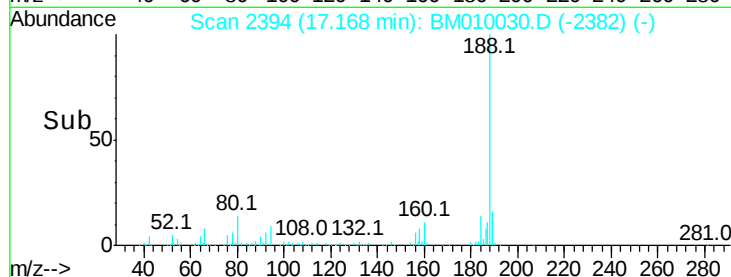
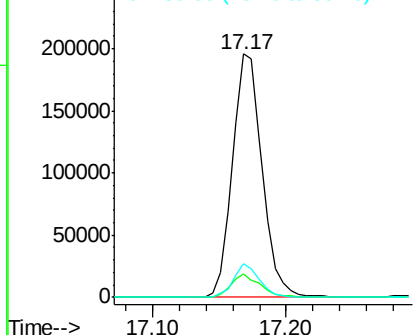
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010030.D
Acq: 12 May 2017 19:04

Instrument :
BNA_M
ClientSampleId :
FB051017

Tot Ion:188 Resp: 304273
Ion Ratio Lower Upper
188 100
94 9.4 8.7 13.1
80 13.9 9.3 13.9

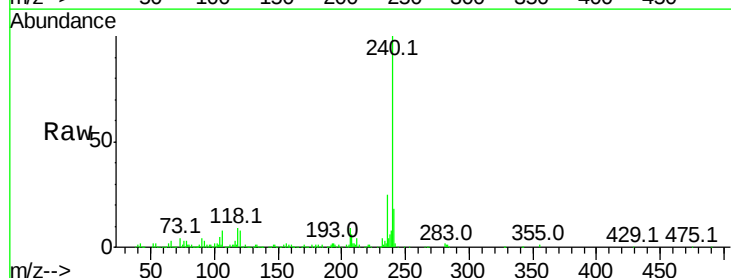


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

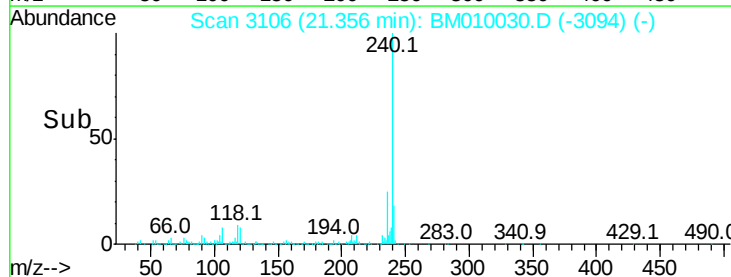
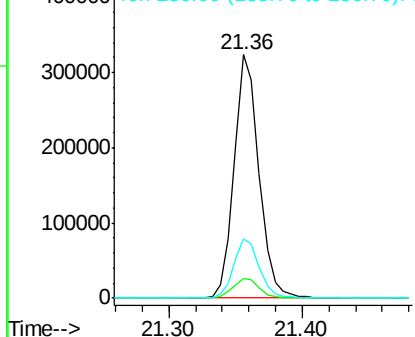


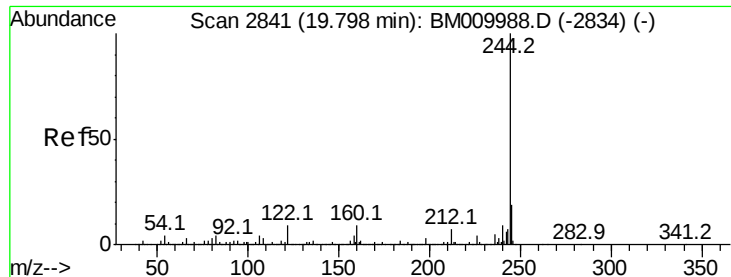
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010030.D
Acq: 12 May 2017 19:04

Tgt 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

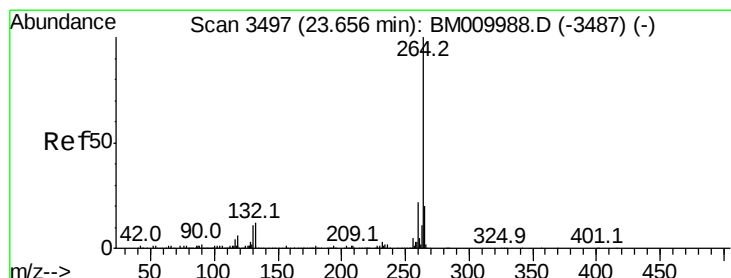
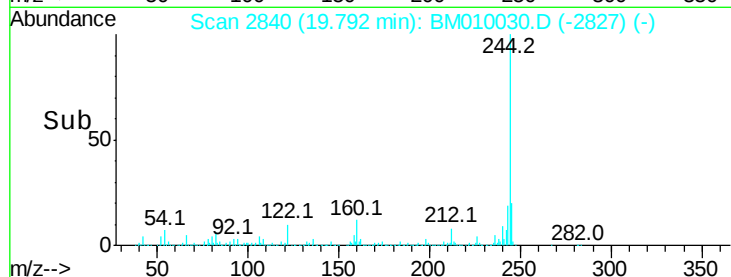
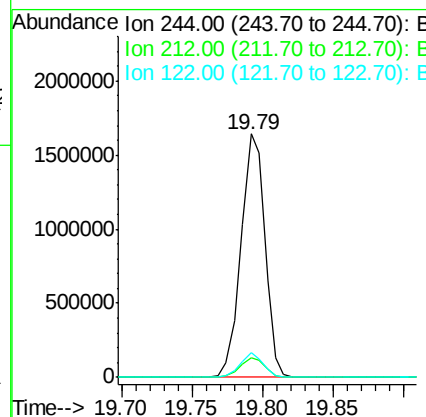
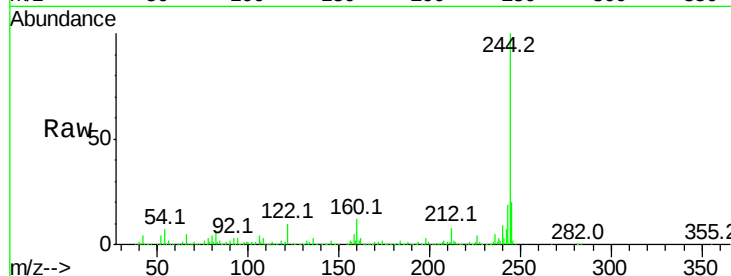




#78
 Terphenyl-d14
 Concen: 97.33 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. -0.02 min
 Lab File: BM010030.D
 Acq: 12 May 2017 19:04

Instrument :
 BNA_M
 ClientSampleId :
 FB051017

Tot Ion:244 Resp: 1939768
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.9 7.3#
 122 9.9 6.2 9.4#



#86
 Perylene-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

Tgt Ion:264 Resp: 258995
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 27.8
 265 22.3 17.3 25.9

