

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010128.D
 Acq On : 23 May 2017 06:35
 Operator : SJ/MA
 Sample : I3222-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 23 08:12:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

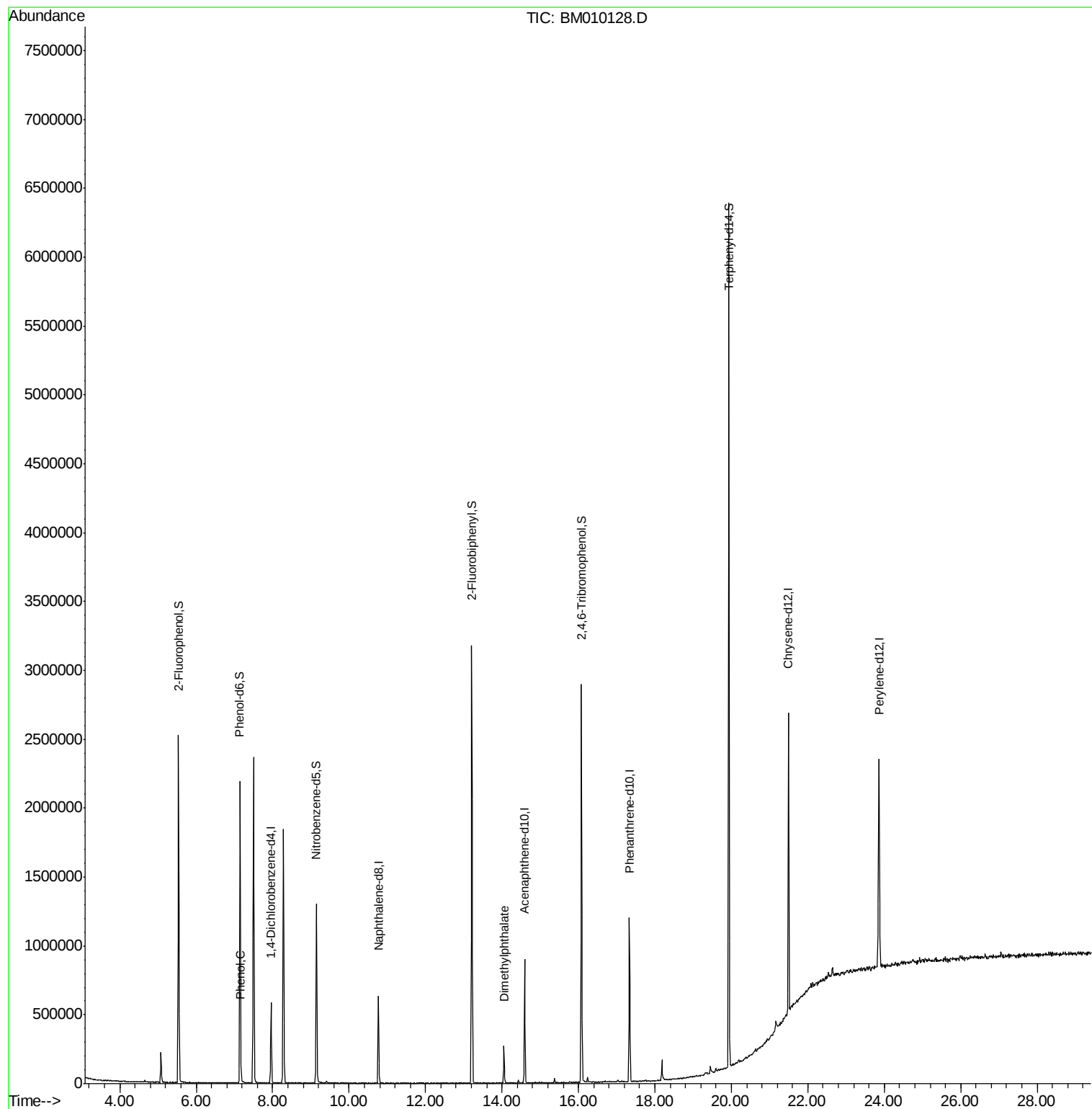
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	143054	20.00	ng	-0.02
21) Naphthalene-d8	10.77	136	475412	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	284127	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	713634	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1079604	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1243167	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	913325	115.29	ng	-0.02
7) Phenol-d6	7.15	99	1114533	109.34	ng	-0.02
23) Nitrobenzene-d5	9.15	82	714212	81.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	485015	112.39	ng	-0.02
44) 2-Fluorobiphenyl	13.22	172	1605660	72.65	ng	-0.02
78) Terphenyl-d14	19.93	244	2586153	54.47	ng	-0.02
Target Compounds						
10) Phenol	7.17	94	21683	2.02	ng	Qvalue 90
49) Dimethylphthalate	14.05	163	151008	5.96	ng	# 98

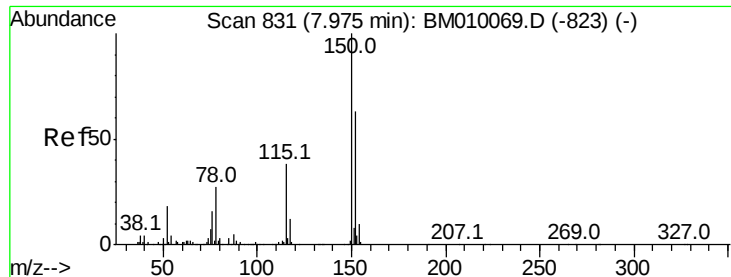
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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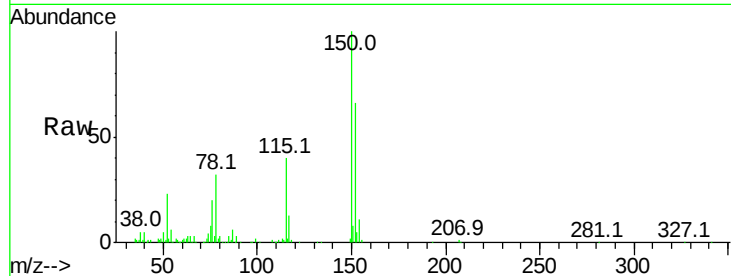


#1

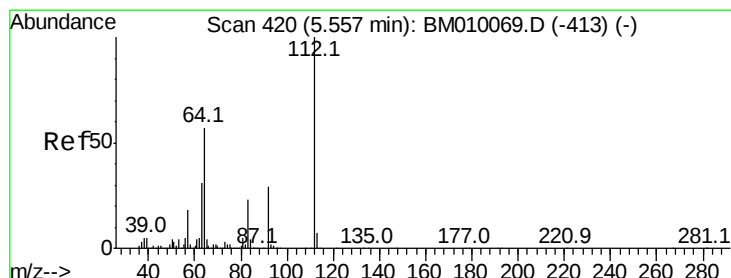
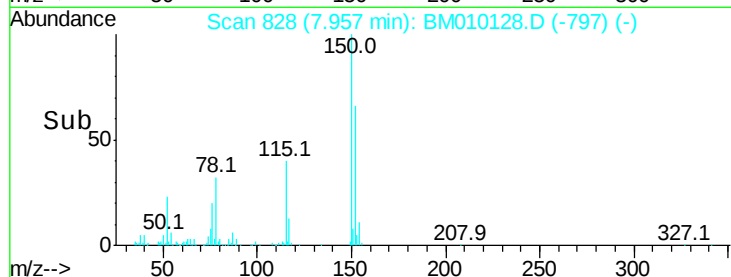
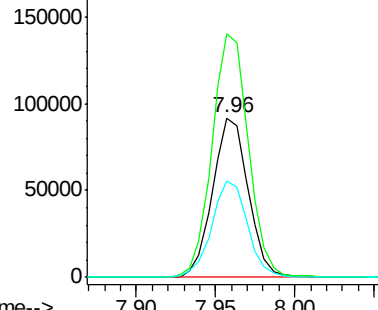
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BM010128.D
Acq: 23 May 2017 06:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	119.5	179.3
115	60.7	43.0	64.4



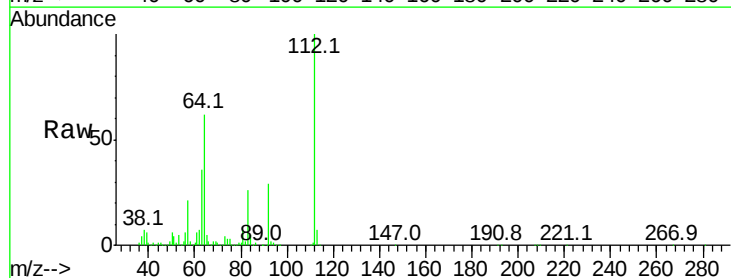
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



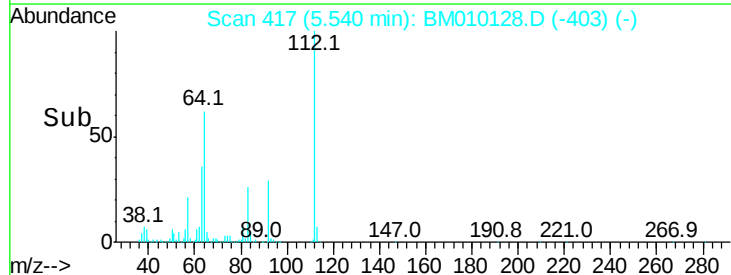
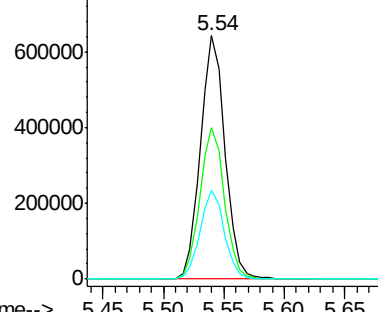
#5

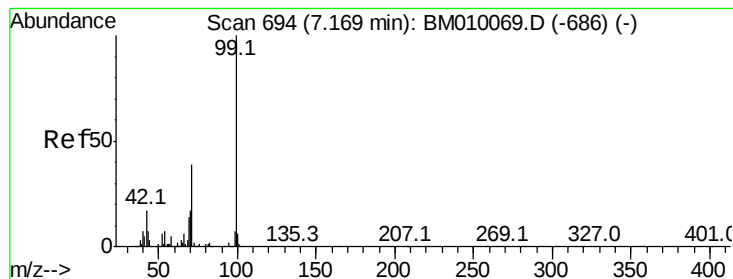
2-Fluorophenol
Concen: 115.29 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.02 min
Lab File: BM010128.D
Acq: 23 May 2017 06:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	38.6	57.8#
63	36.3	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: 109.34 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010128.D

Acq: 23 May 2017 06:35

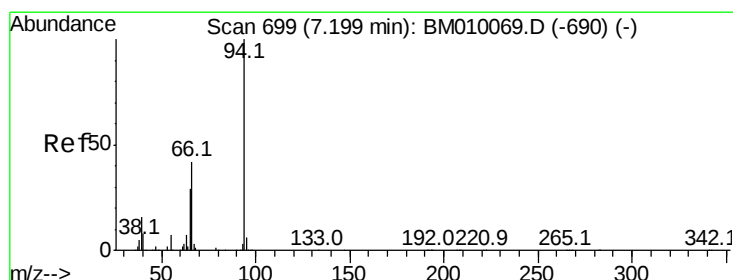
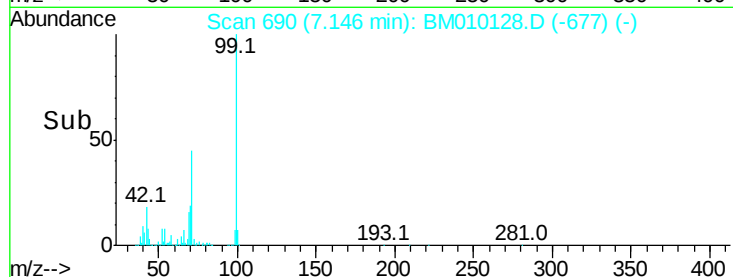
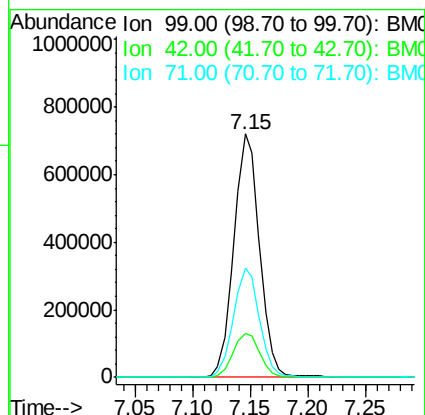
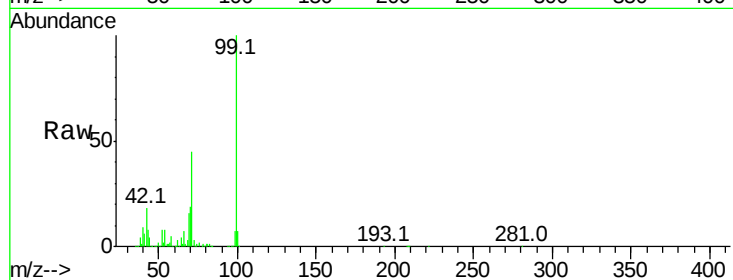
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1114533

Ion	Ratio	Lower	Upper
99	100		
42	18.2	11.0	16.4#
71	45.0	23.4	35.2#



#10

Phenol

Concen: 2.02 ng

RT: 7.17 min Scan# 695

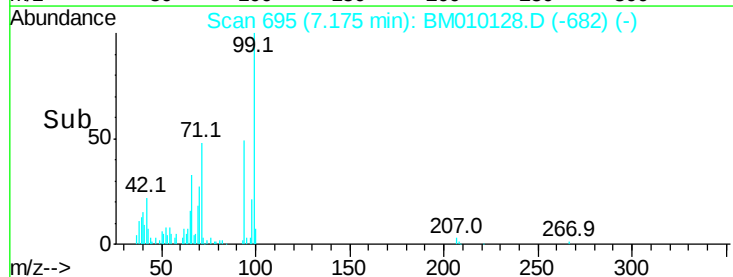
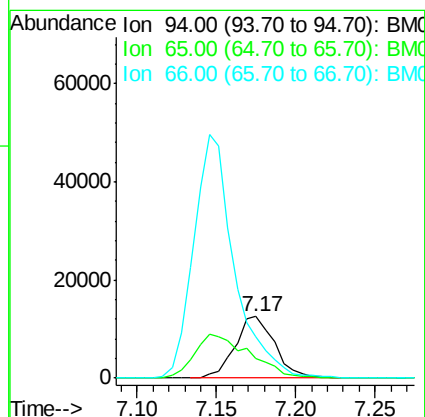
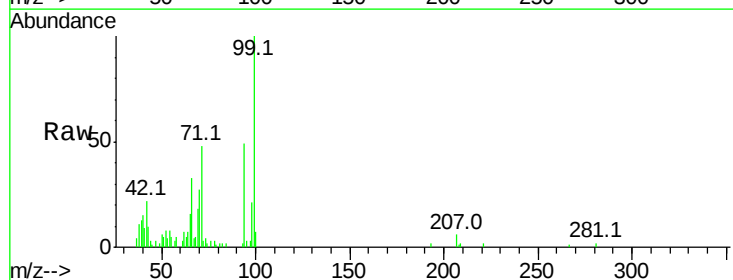
Delta R.T. -0.02 min

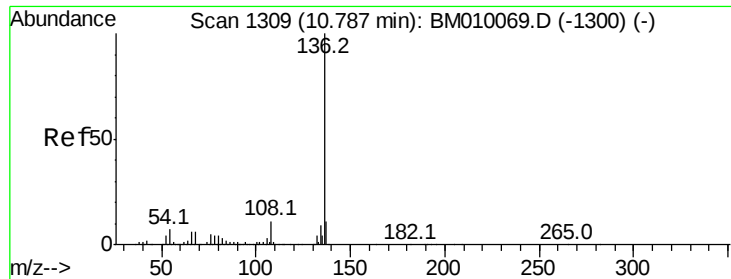
Lab File: BM010128.D

Acq: 23 May 2017 06:35

Tgt Ion: 94 Resp: 21683

Ion	Ratio	Lower	Upper
94	100		
65	32.4	18.8	58.8
66	67.8	39.9	79.9

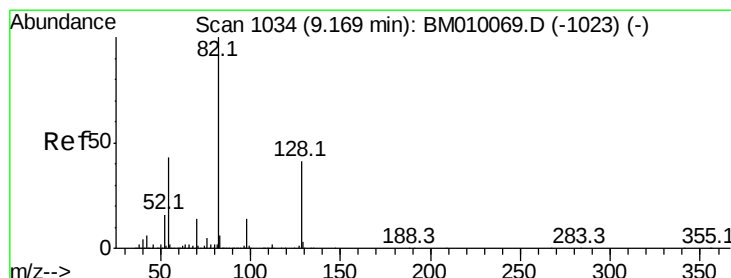
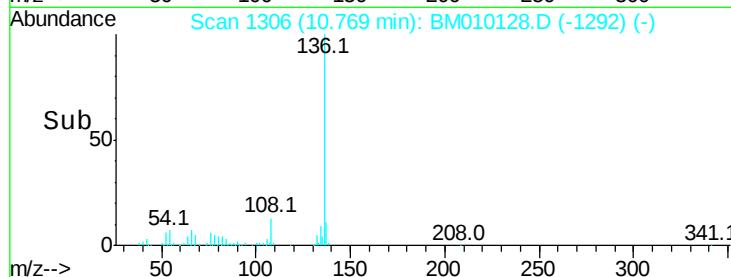
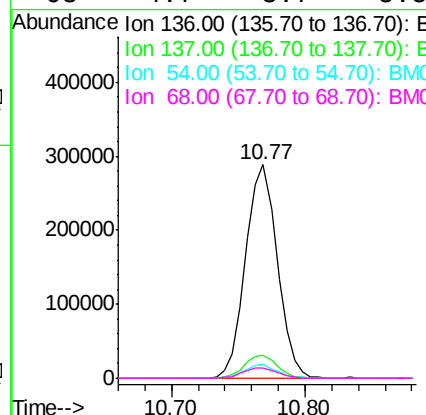
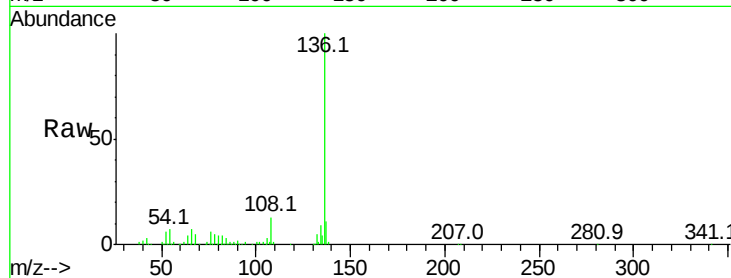




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM010128.D
Acq: 23 May 2017 06:35

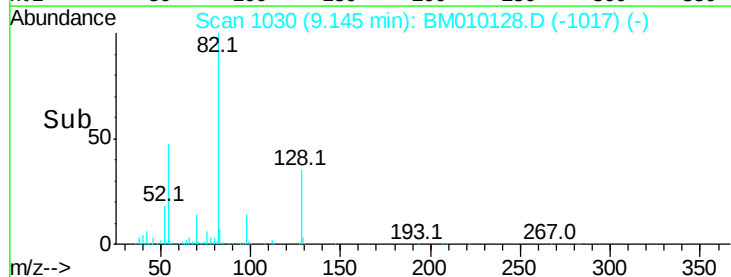
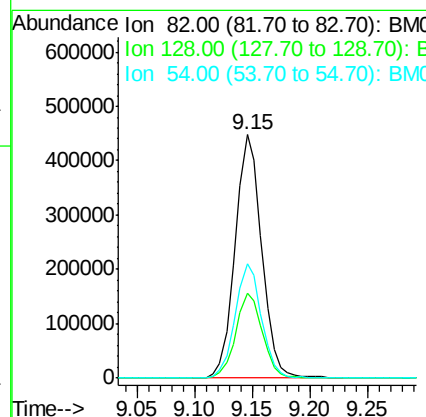
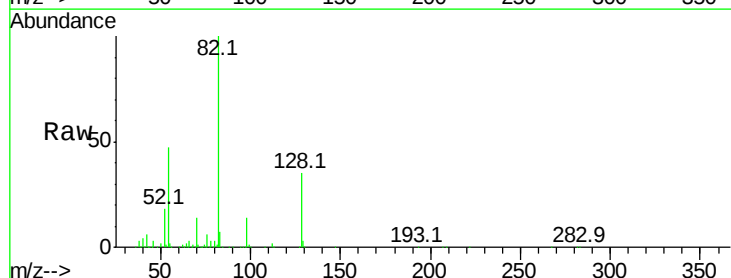
Instrument :
BNA_M
ClientSampled :

Tot Ion:	136	Resp:	475412
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.9	4.6	6.8#
68	4.7	3.7	5.5



#23
Nitrobenzene-d5
Concen: 81.05 ng
RT: 9.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BM010128.D
Acq: 23 May 2017 06:35

Tgt Ion:	82	Resp:	714212
Ion	Ratio	Lower	Upper
82	100		
128	34.8	32.8	49.2
54	47.0	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM010128.D

Acq: 23 May 2017 06:35

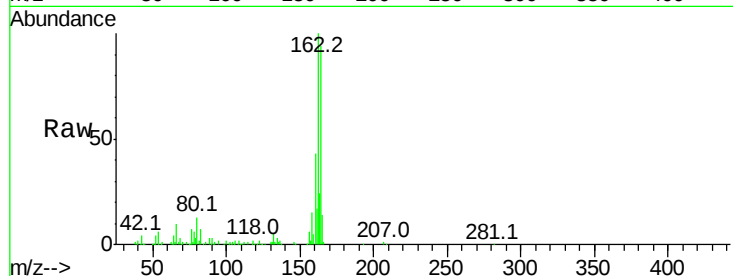
Instrument :

BNA_M

ClientSampled :

Tot Ion:164 Resp: 284127

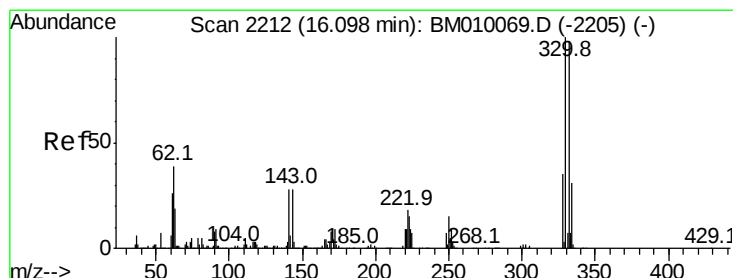
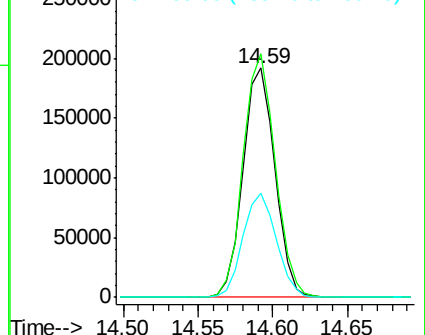
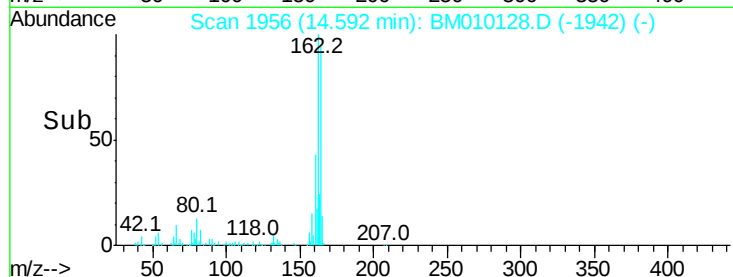
Ion	Ratio	Lower	Upper
164	100		
162	106.1	82.4	123.6
160	45.5	35.8	53.6



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: 112.39 ng

RT: 16.08 min Scan# 2209

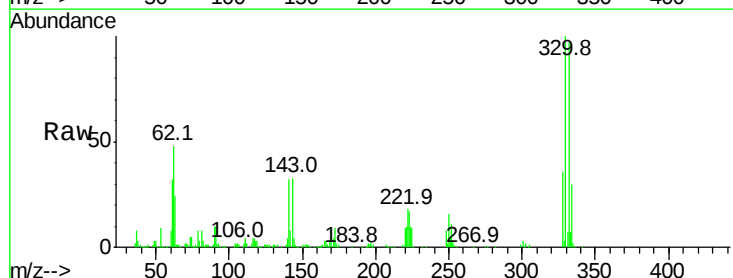
Delta R.T. -0.02 min

Lab File: BM010128.D

Acq: 23 May 2017 06:35

Tgt Ion:330 Resp: 485015

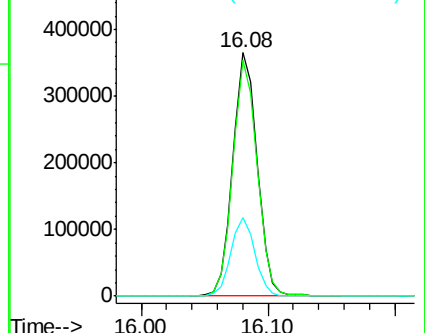
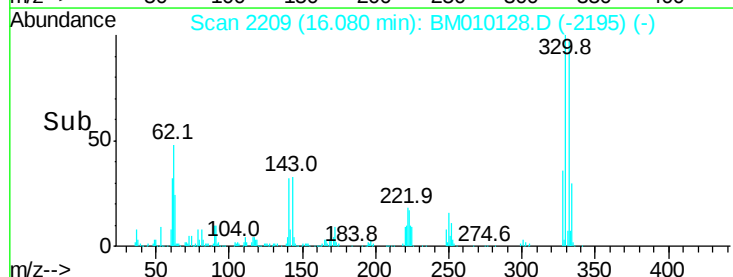
Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	31.9	0.0	0.0#



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: 72.65 ng

RT: 13.22 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BM010128.D

Acq: 23 May 2017 06:35

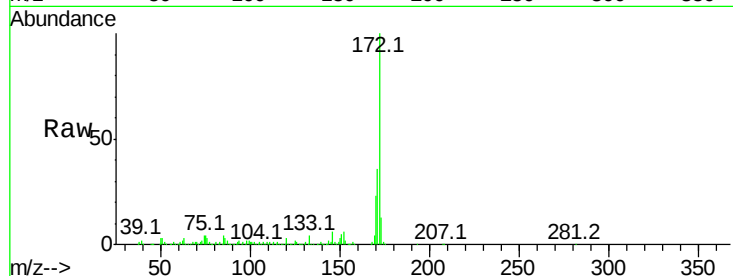
Instrument :

BNA_M

ClientSampled :

Tot Ion:172 Resp: 1605660

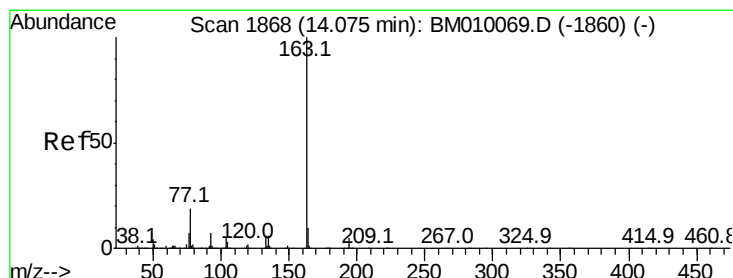
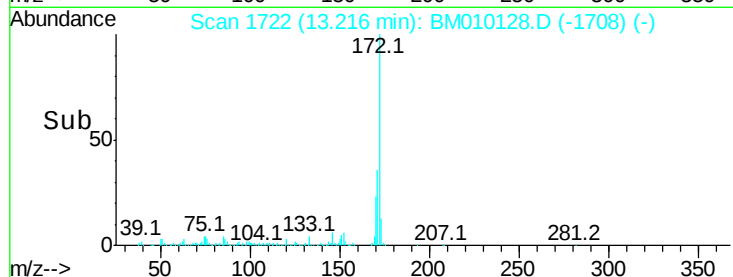
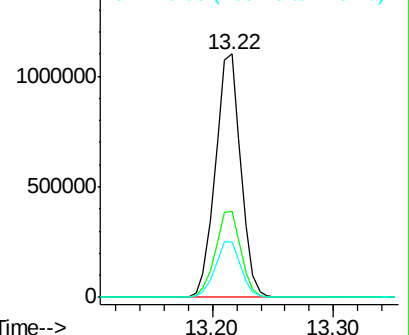
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	22.6	18.8	28.2



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



#49

Dimethylphthalate

Concen: 5.96 ng

RT: 14.05 min Scan# 1864

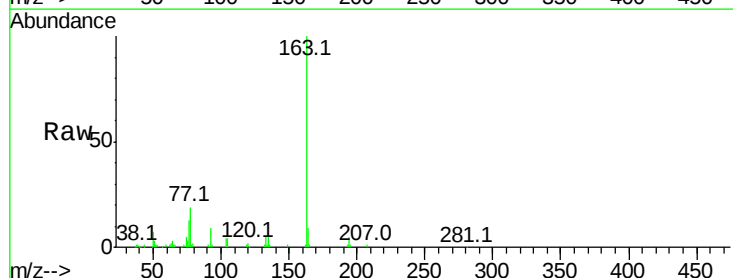
Delta R.T. -0.02 min

Lab File: BM010128.D

Acq: 23 May 2017 06:35

Tgt Ion:163 Resp: 151008

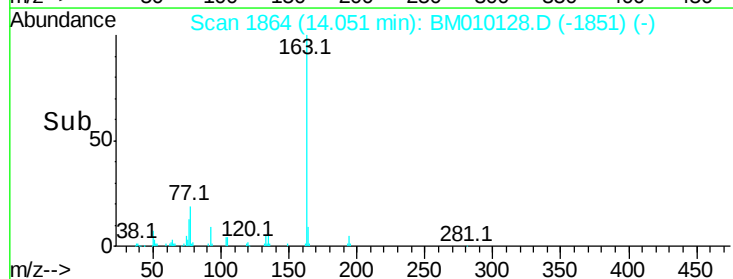
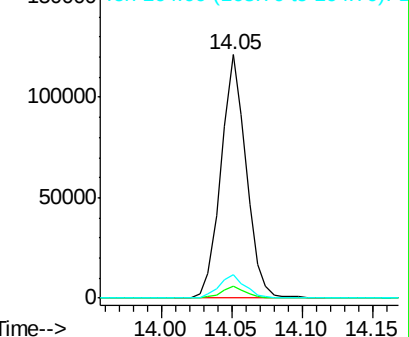
Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	9.5	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

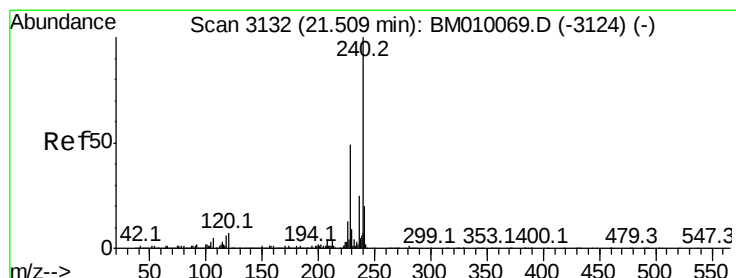
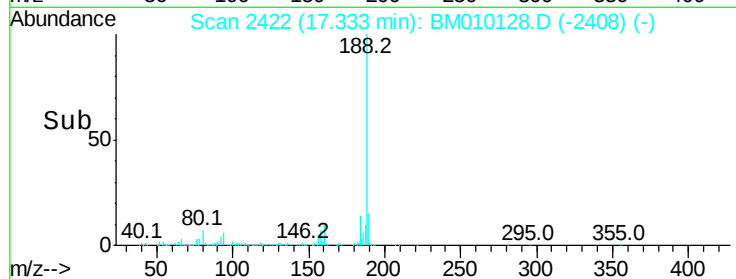
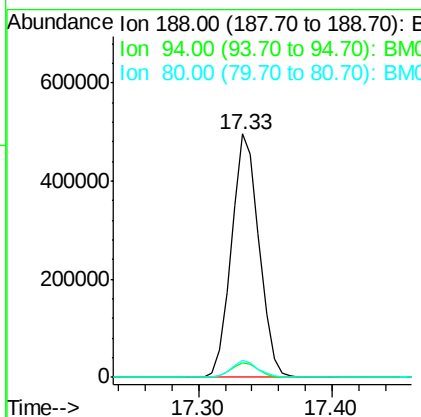
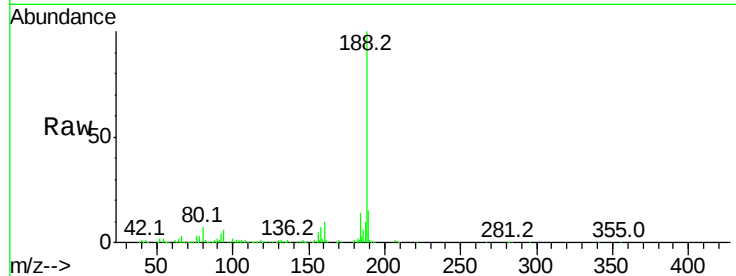




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010128.D
Acq: 23 May 2017 06:35

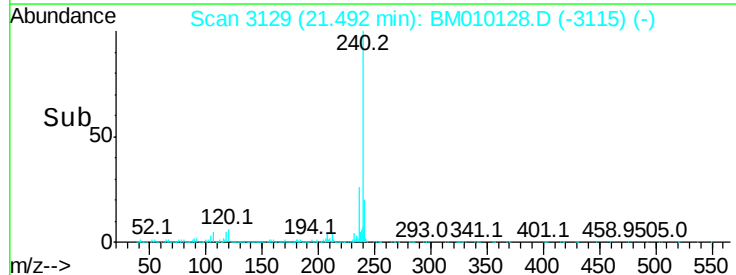
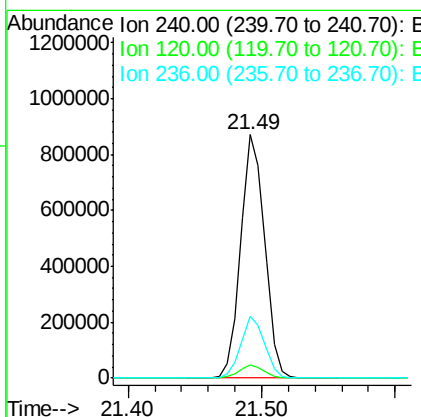
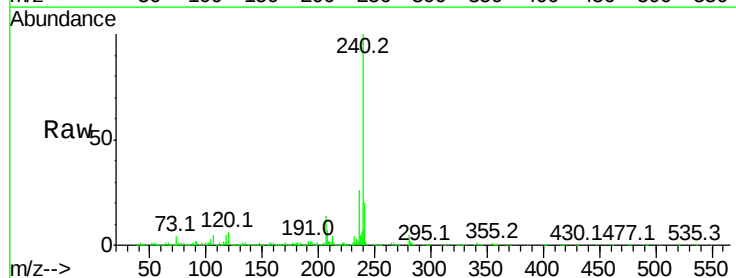
Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 713634
Ion Ratio Lower Upper
188 100
94 5.8 8.7 13.1#
80 6.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BM010128.D
Acq: 23 May 2017 06:35

Tgt Ion:240 Resp: 1079604
Ion Ratio Lower Upper
240 100
120 5.7 8.2 12.2#
236 25.6 20.0 30.0

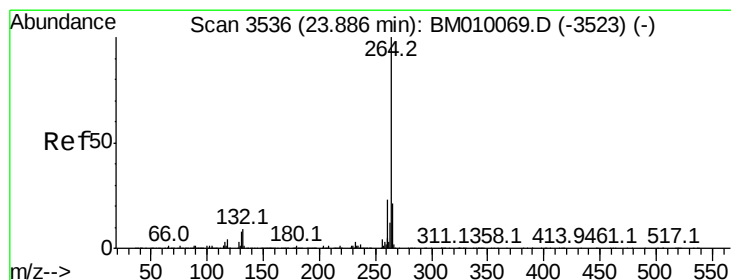
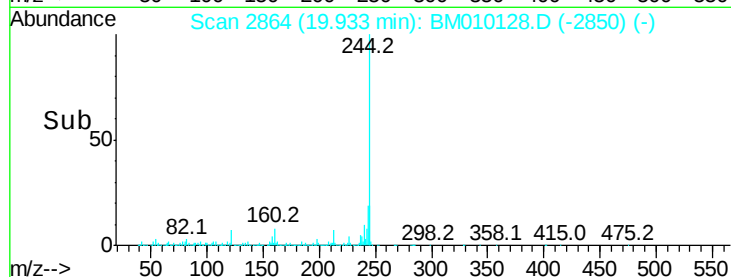
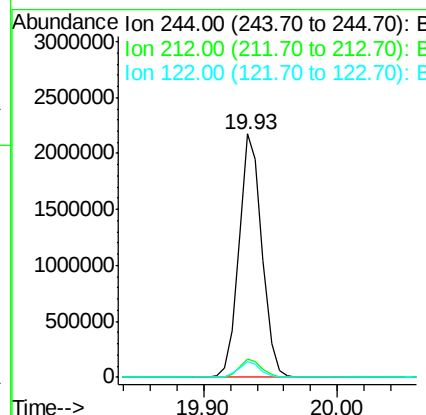
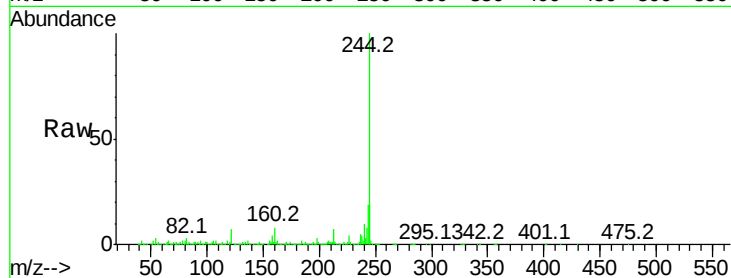




#78
 Terphenyl-d14
 Concen: 54.47 ng
 RT: 19.93 min Scan# 2864
 Delta R.T. -0.02 min
 Lab File: BM010128.D
 Acq: 23 May 2017 06:35

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 2586153
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.9 7.3#
 122 6.5 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.86 min Scan# 3531
 Delta R.T. -0.03 min
 Lab File: BM010128.D
 Acq: 23 May 2017 06:35

Tgt Ion:264 Resp: 1243167
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 22.5 17.3 25.9

