

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010122.D
 Acq On : 23 May 2017 02:59
 Operator : SJ/MA
 Sample : I3222-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-17

Quant Time: May 23 06:47:53 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

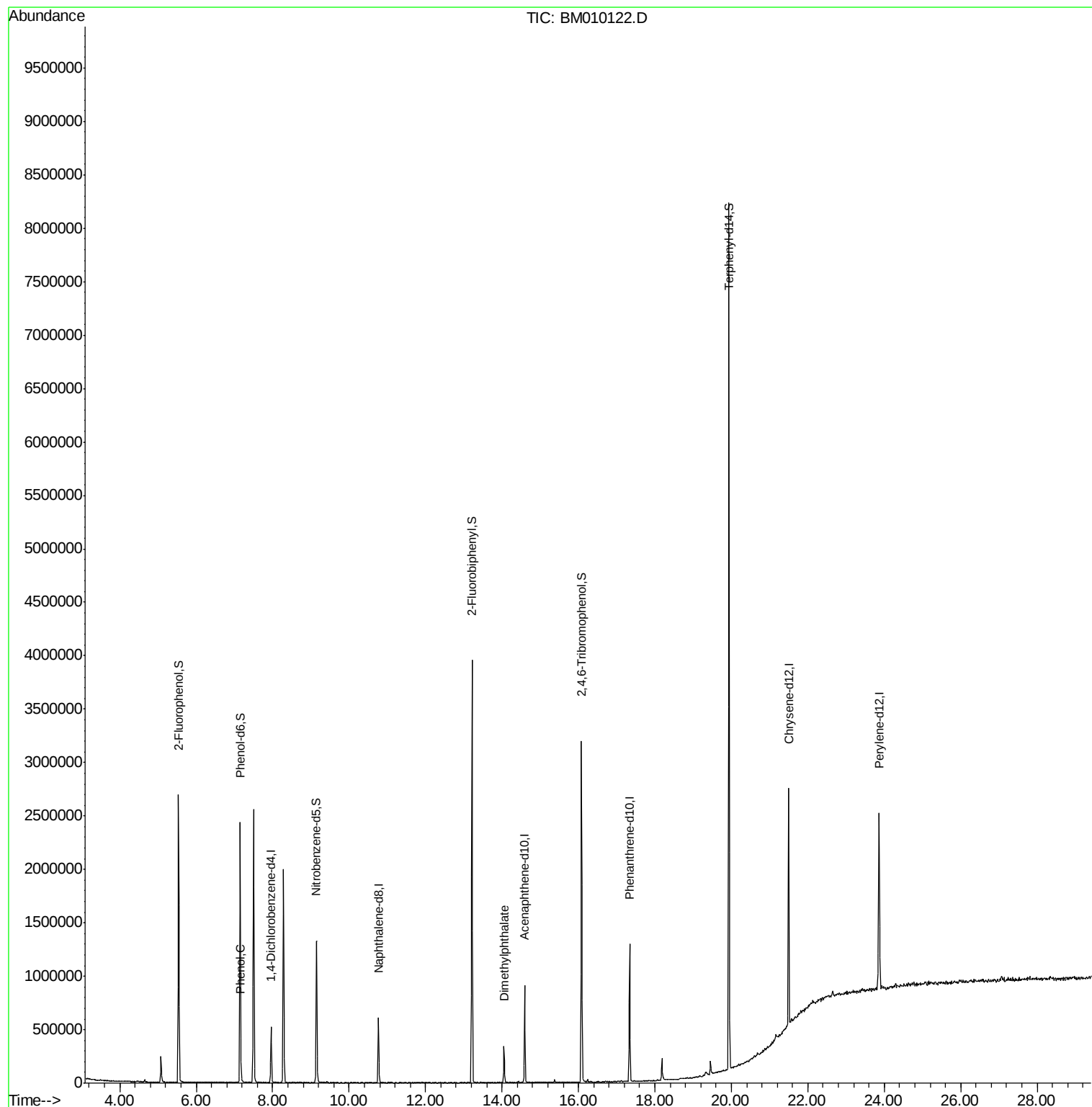
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	136019	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	455071	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	285679	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	735794	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1136237	20.00	ng	-0.01
86) Perylene-d12	23.86	264	1295929	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	999964	132.76	ng	-0.02
7) Phenol-d6	7.15	99	1221281	126.01	ng	-0.02
23) Nitrobenzene-d5	9.15	82	776854	92.10	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	577854	133.18	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	1846069	83.07	ng	-0.02
78) Terphenyl-d14	19.94	244	3354461	67.13	ng	-0.01
Target Compounds						
10) Phenol	7.17	94	27000	2.64	ng	Qvalue 93
49) Dimethylphthalate	14.05	163	209750	8.23	ng	# 96

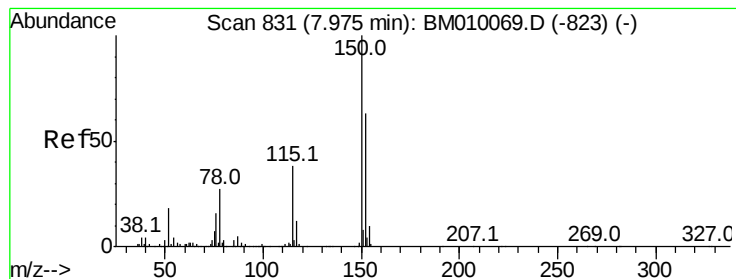
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM010122.D

Acq: 23 May 2017 02:59

Instrument :

BNA_M

ClientSampleId :

EX-17

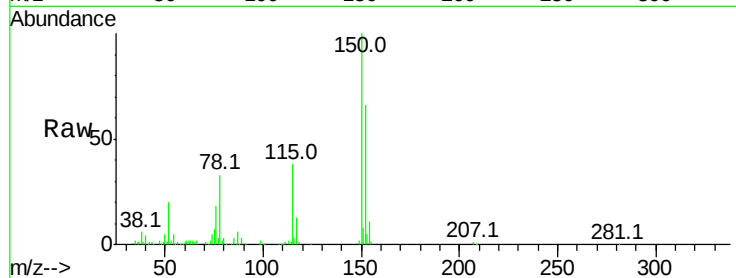
Tot Ion:152 Resp: 136019

Ion Ratio Lower Upper

152 100

150 151.7 119.5 179.3

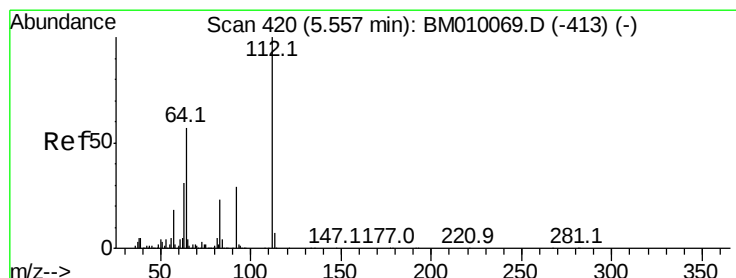
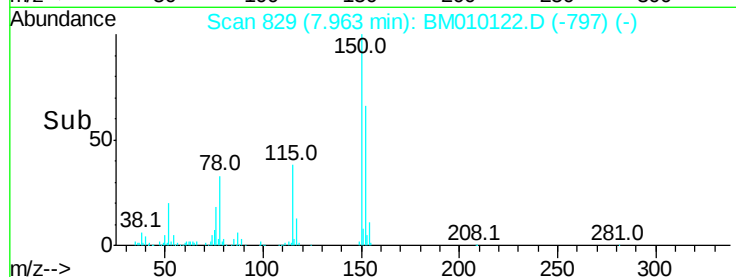
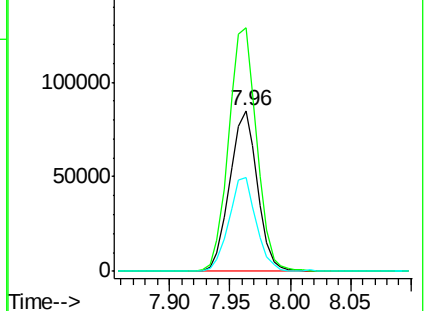
115 58.3 43.0 64.4



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: 132.76 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.02 min

Lab File: BM010122.D

Acq: 23 May 2017 02:59

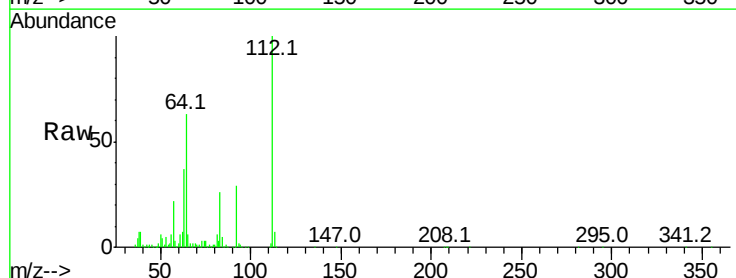
Tgt Ion:112 Resp: 999964

Ion Ratio Lower Upper

112 100

64 62.7 38.6 57.8#

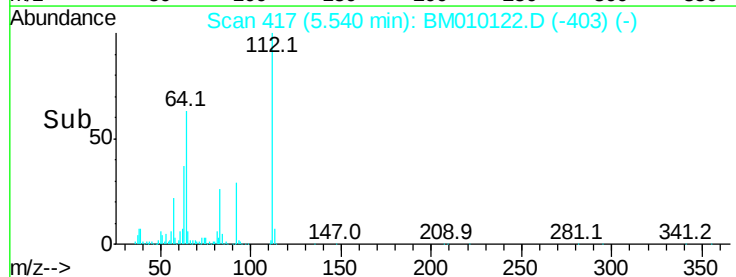
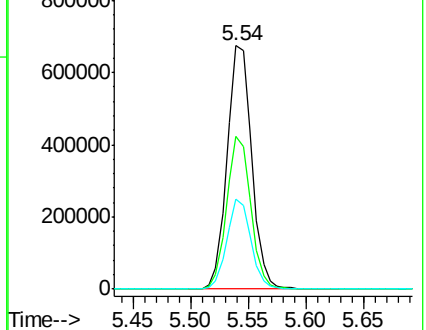
63 37.2 19.3 28.9#



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: 126.01 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010122.D

Acq: 23 May 2017 02:59

Instrument :

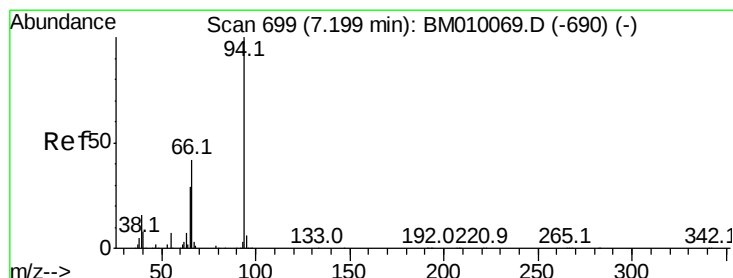
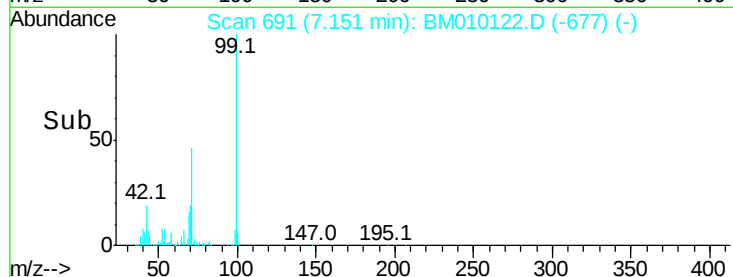
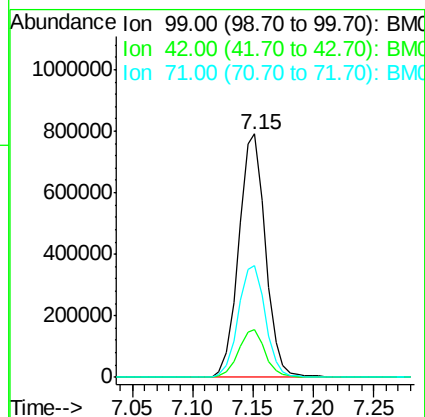
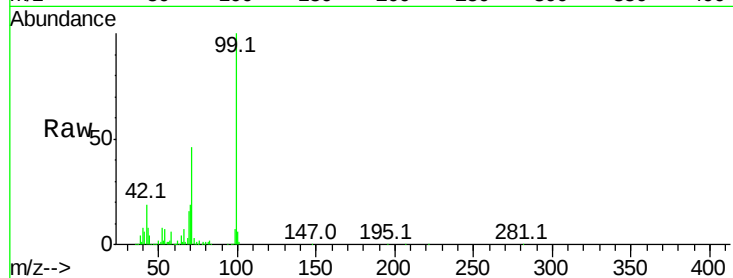
BNA_M

ClientSampled :

EX-17

Tot Ion: 99 Resp: 1221281

Ion	Ratio	Lower	Upper
99	100		
42	19.5	11.0	16.4#
71	46.1	23.4	35.2#



#10

Phenol

Concen: 2.64 ng

RT: 7.17 min Scan# 695

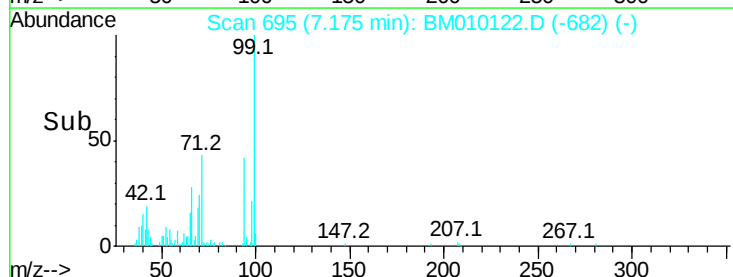
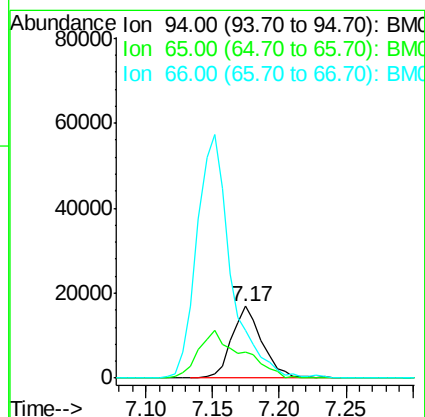
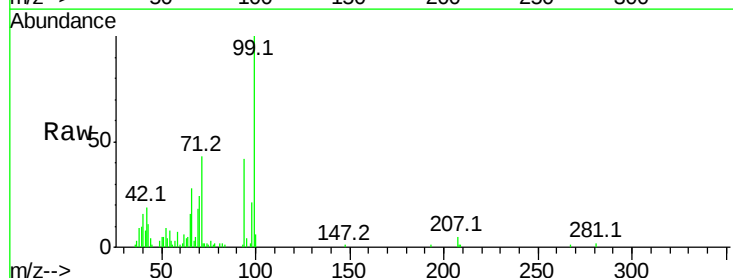
Delta R.T. -0.02 min

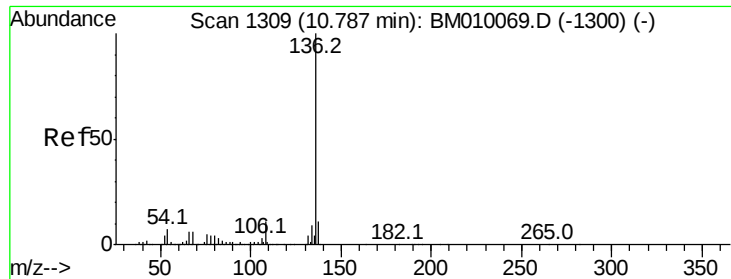
Lab File: BM010122.D

Acq: 23 May 2017 02:59

Tgt Ion: 94 Resp: 27000

Ion	Ratio	Lower	Upper
94	100		
65	36.8	18.8	58.8
66	66.8	39.9	79.9

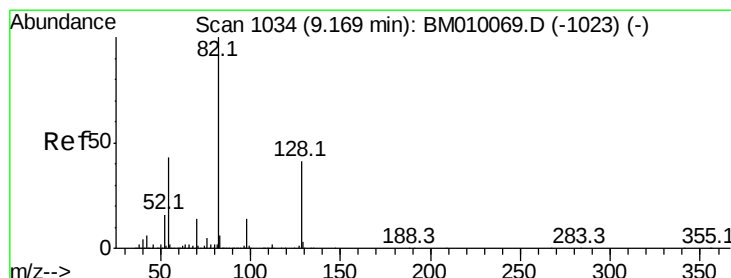
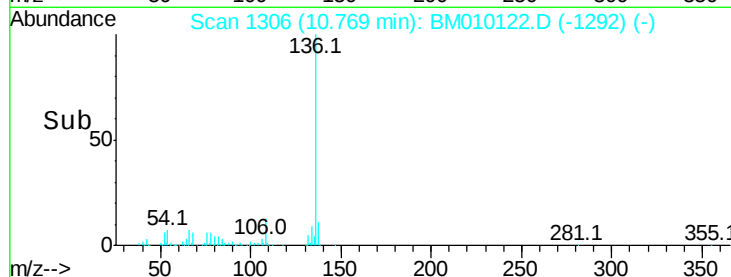
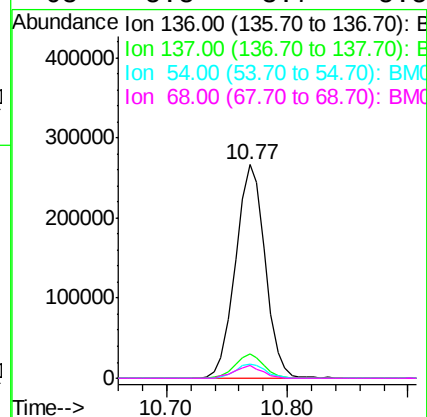
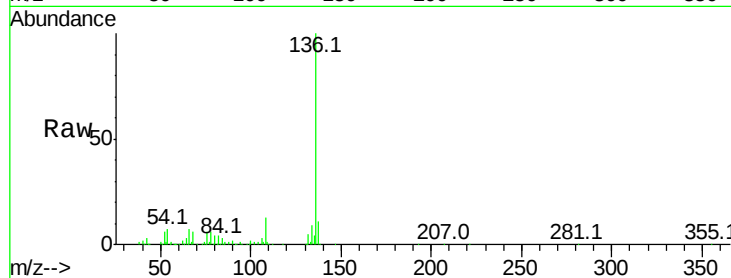




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM010122.D
Acq: 23 May 2017 02:59

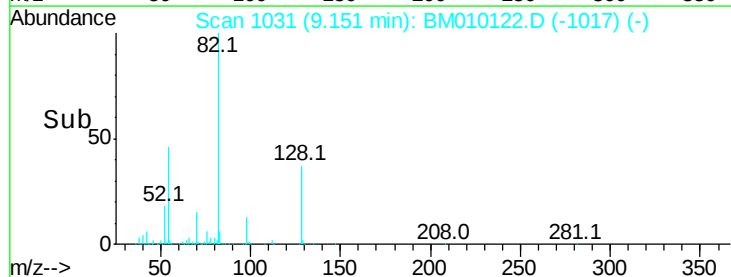
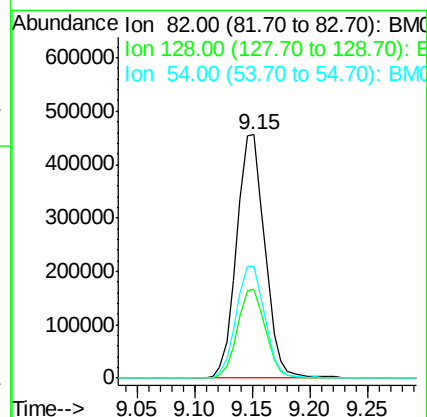
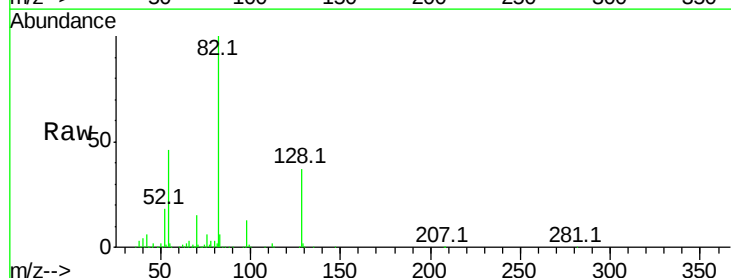
Instrument :
BNA_M
ClientSampled :
EX-17

Tot Ion:136	Resp:	455071
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.7 13.1
54	6.8	4.6 6.8#
68	5.8	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 92.10 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BM010122.D
Acq: 23 May 2017 02:59

Tgt Ion: 82	Resp:	776854
Ion	Ratio	Lower Upper
82	100	
128	36.6	32.8 49.2
54	46.2	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: BM010122.D

Acq: 23 May 2017 02:59

Instrument :

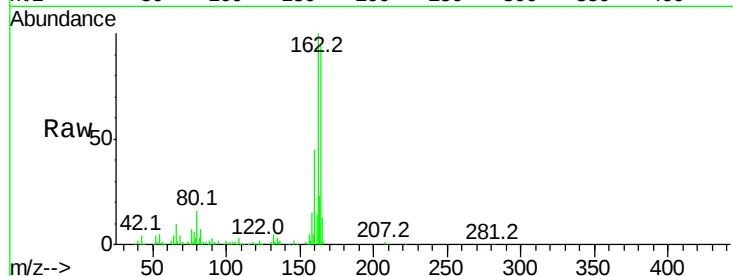
BNA_M

ClientSampled :

EX-17

Tot Ion:164 Resp: 285679

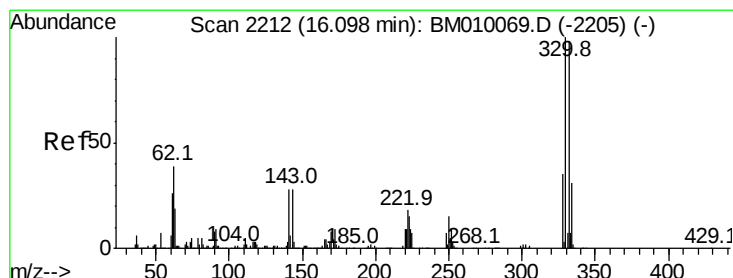
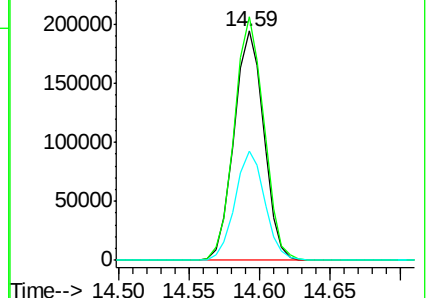
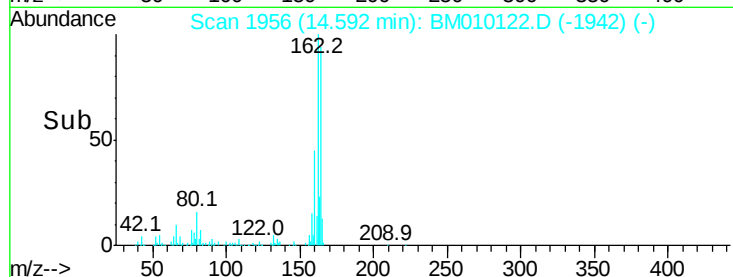
Ion	Ratio	Lower	Upper
164	100		
162	106.1	82.4	123.6
160	47.4	35.8	53.6



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: 133.18 ng

RT: 16.09 min Scan# 2210

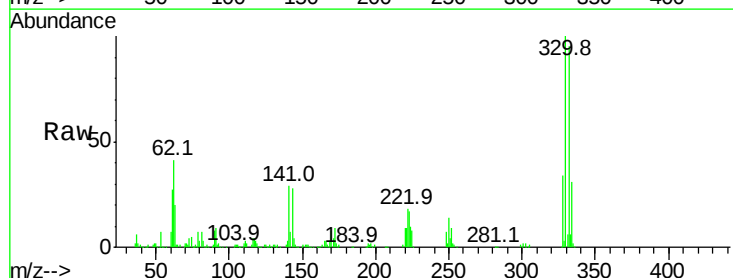
Delta R.T. -0.01 min

Lab File: BM010122.D

Acq: 23 May 2017 02:59

Tgt Ion:330 Resp: 577854

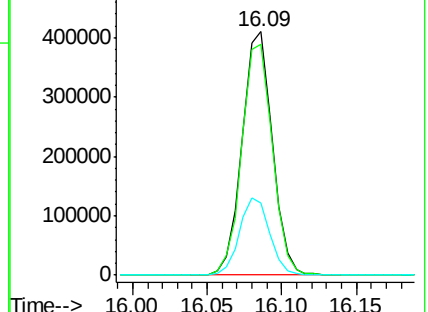
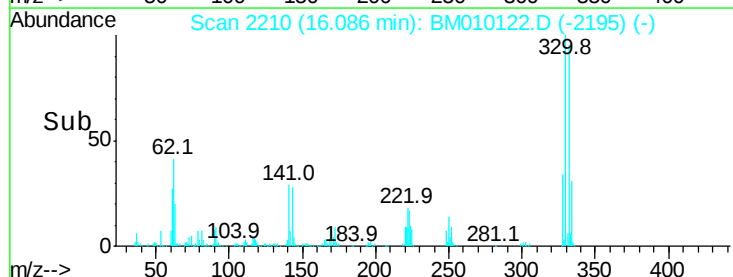
Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	31.7	0.0	0.0#

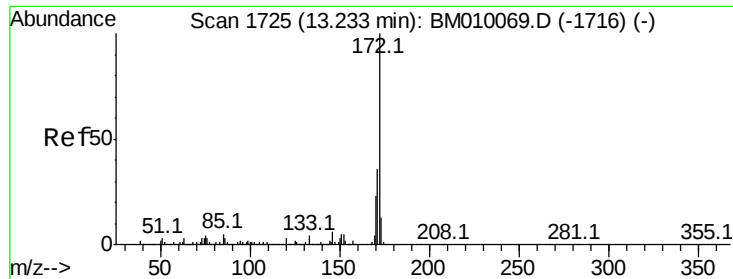


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

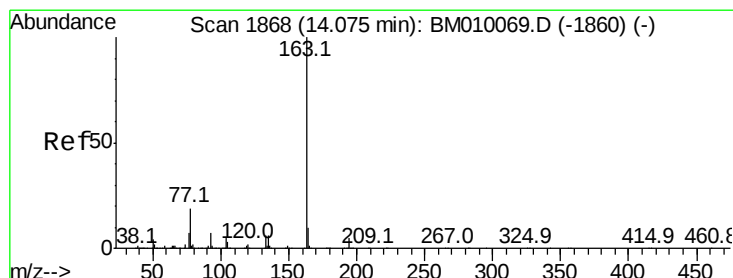
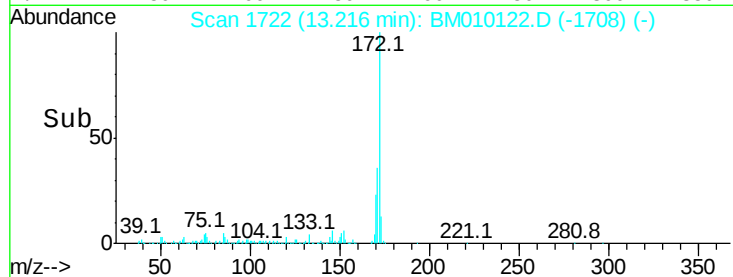
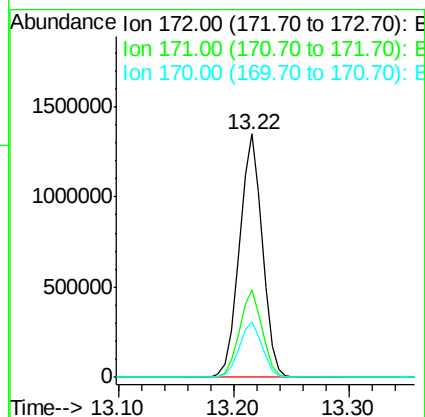
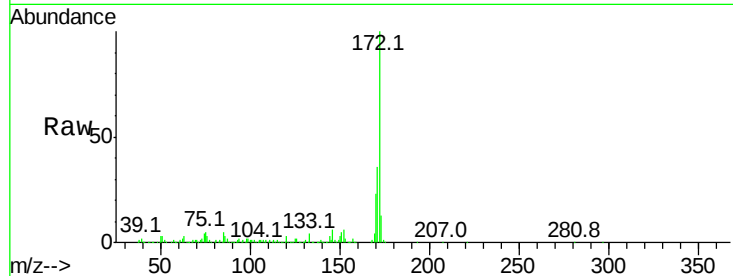




#44
2-Fluorobiphenyl
Concen: 83.07 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BM010122.D
Acq: 23 May 2017 02:59

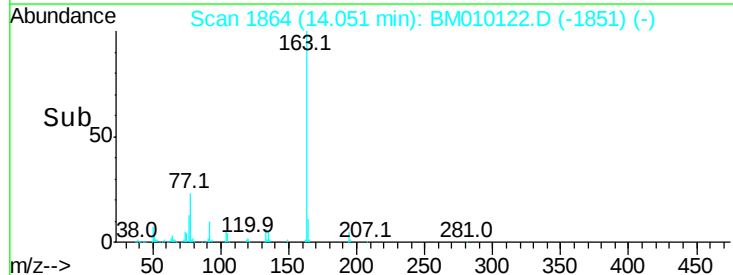
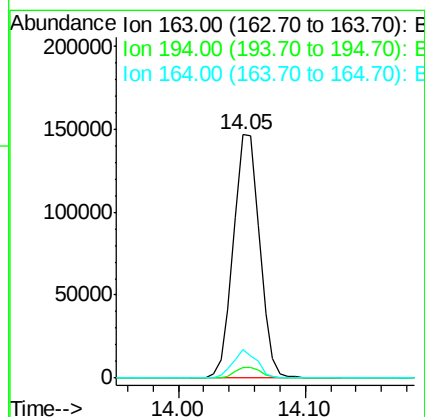
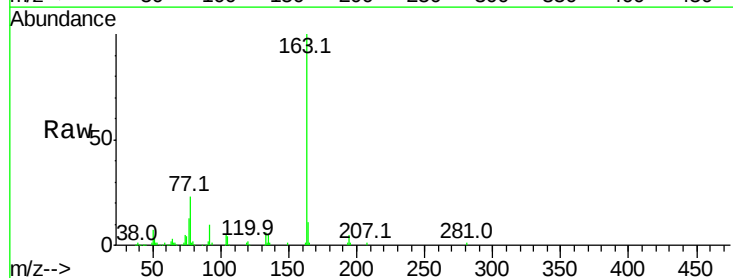
Instrument :
BNA_M
ClientSampleId :
EX-17

Tot Ion:172 Resp: 1846069
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.0 18.8 28.2



#49
Dimethylphthalate
Concen: 8.23 ng
RT: 14.05 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BM010122.D
Acq: 23 May 2017 02:59

Tgt Ion:163 Resp: 209750
Ion Ratio Lower Upper
163 100
194 4.6 2.7 4.1#
164 11.5 8.2 12.2

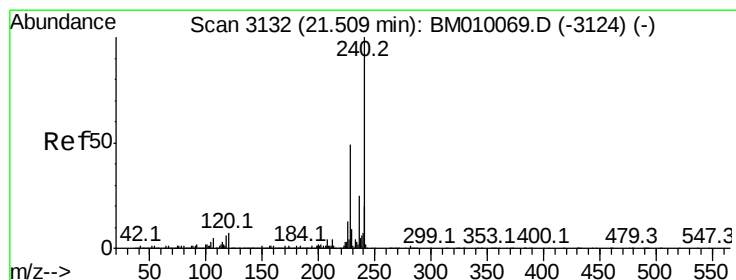
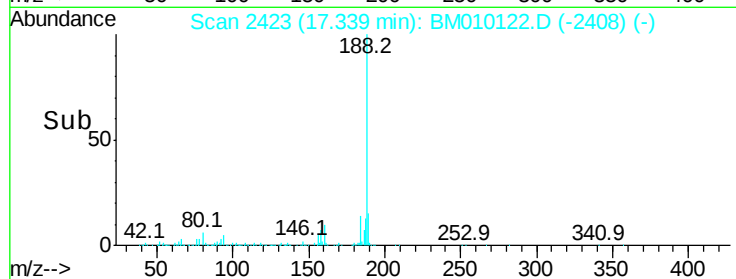
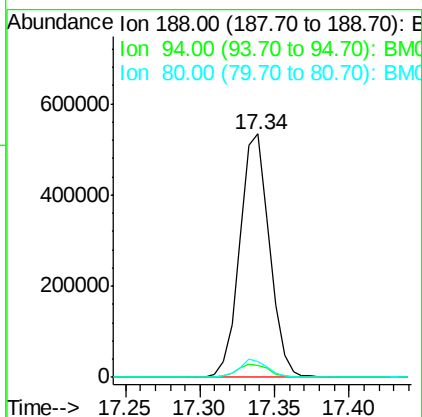
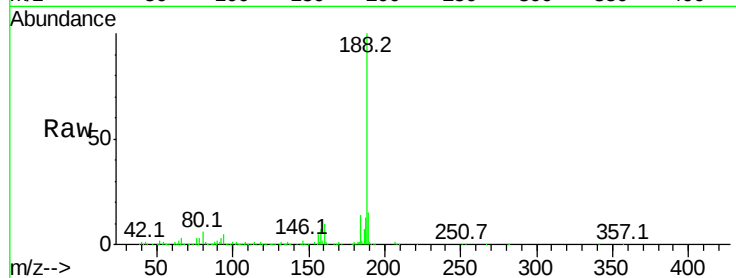




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BM010122.D
Acq: 23 May 2017 02:59

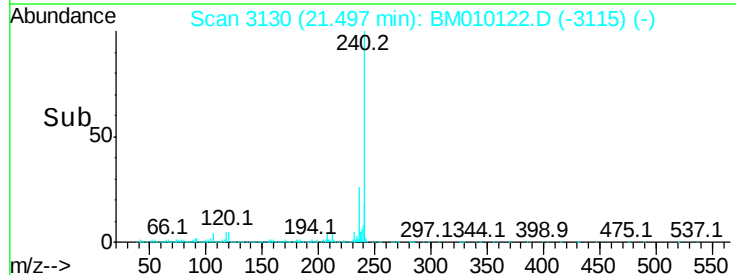
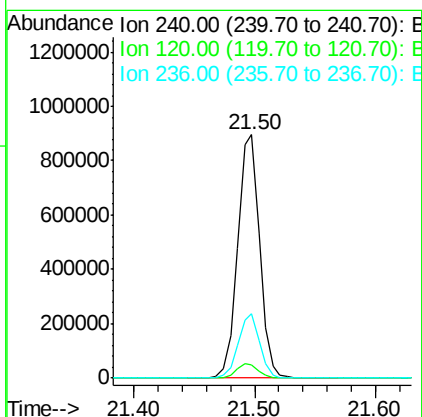
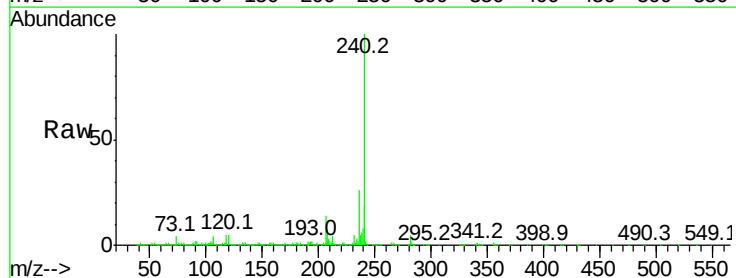
Instrument :
BNA_M
ClientSampleId :
EX-17

Tot Ion:188 Resp: 735794
Ion Ratio Lower Upper
188 100
94 5.2 8.7 13.1#
80 6.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM010122.D
Acq: 23 May 2017 02:59

Tgt Ion:240 Resp: 1136237
Ion Ratio Lower Upper
240 100
120 5.3 8.2 12.2#
236 26.4 20.0 30.0





#78

Terphenyl-d14

Concen: 67.13 ng

RT: 19.94 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM010122.D

Acq: 23 May 2017 02:59

Instrument :

BNA_M

ClientSampleId :

EX-17

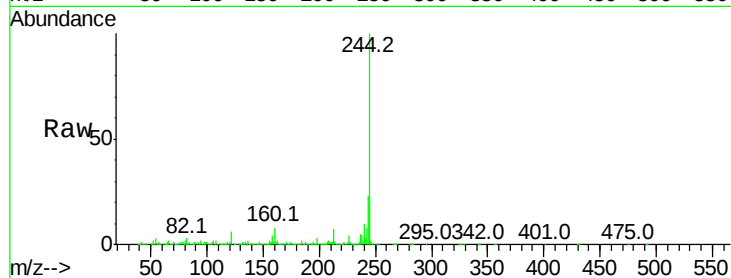
Tot Ion:244 Resp: 3354461

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

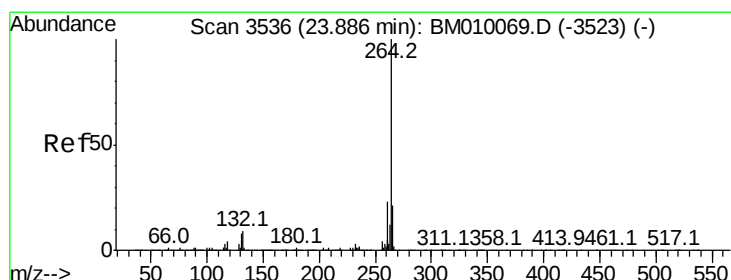
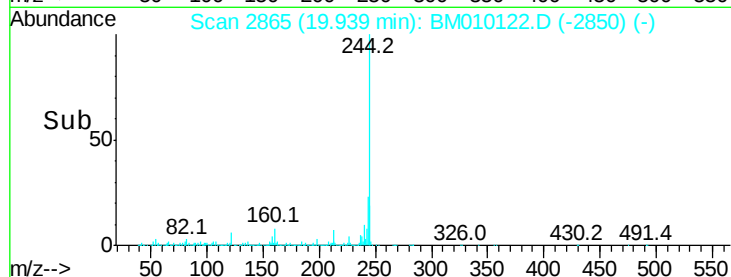
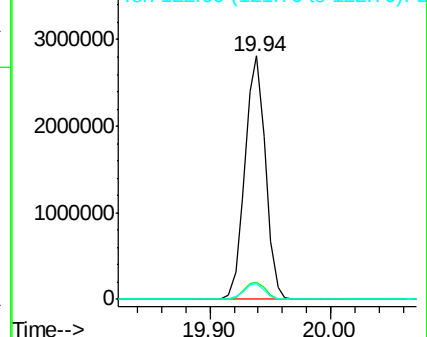
122 6.2 6.2 9.4#



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: 23.86 min Scan# 3532

Delta R.T. -0.02 min

Lab File: BM010122.D

Acq: 23 May 2017 02:59

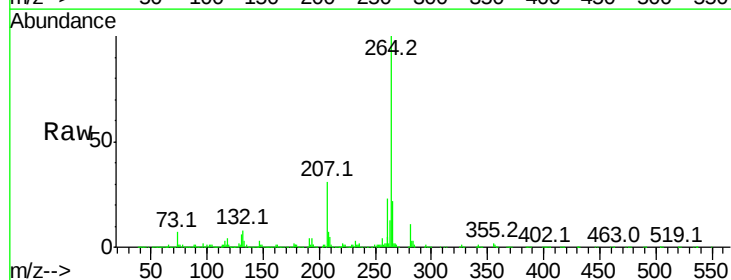
Tgt Ion:264 Resp: 1295929

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 22.0 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

