

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010125.D
 Acq On : 23 May 2017 04:47
 Operator : SJ/MA
 Sample : I3222-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-22

Quant Time: May 23 05:34:22 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

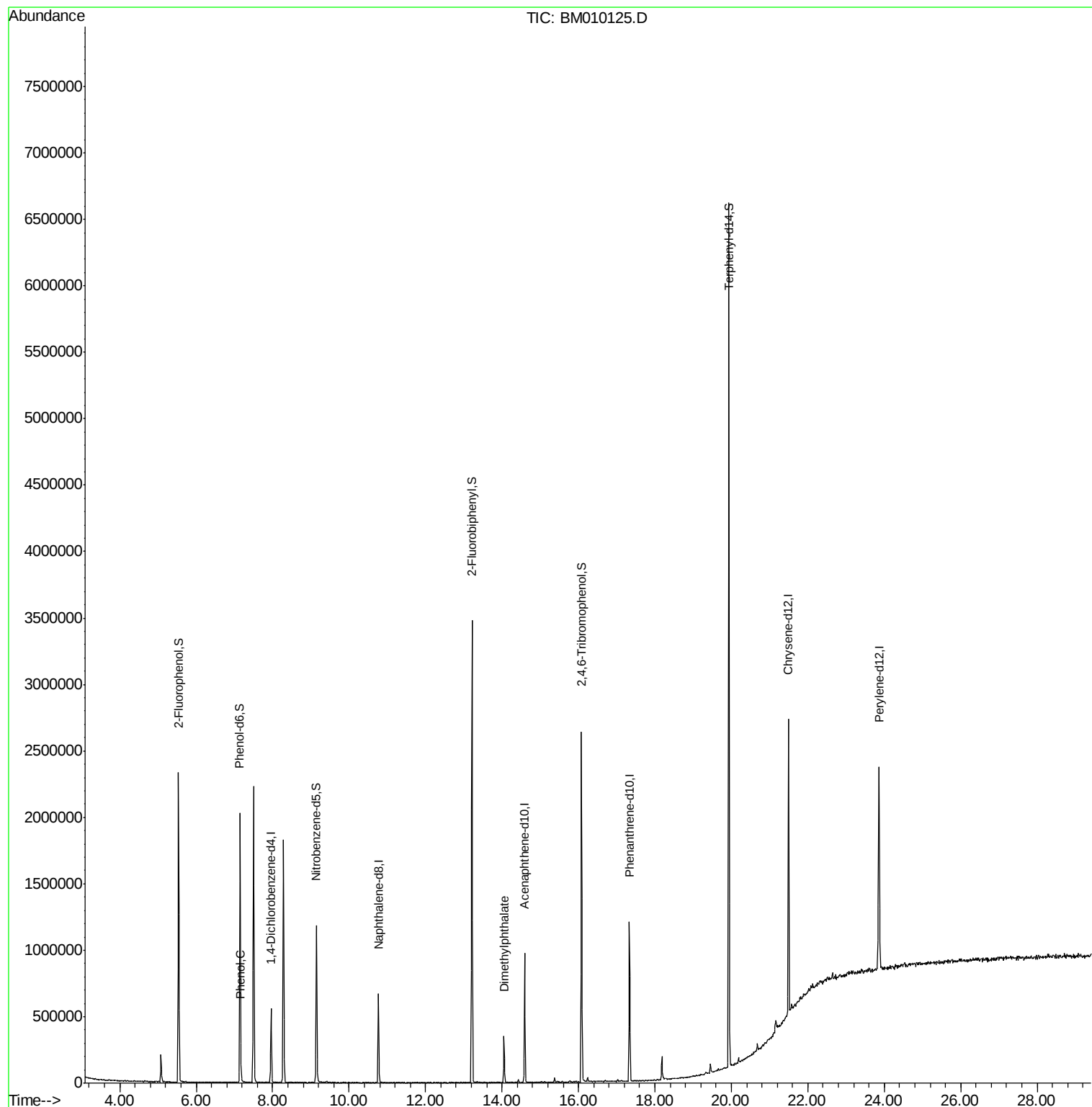
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	145210	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	487322	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	303140	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	732476	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1097182	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1254990	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	837938	104.21	ng	-0.02
7) Phenol-d6	7.15	99	1027243	99.28	ng	-0.02
23) Nitrobenzene-d5	9.15	82	659429	73.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	457069	99.28	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	1721055	72.99	ng	-0.02
78) Terphenyl-d14	19.94	244	2844613	58.95	ng	-0.01
Target Compounds						
10) Phenol	7.17	94	22221	2.04	ng	Qvalue 92
49) Dimethylphthalate	14.05	163	205855	7.61	ng	# 98

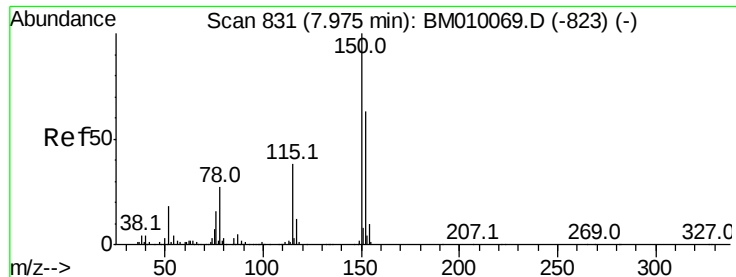
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM010125.D

Acq: 23 May 2017 04:47

Instrument :

BNA_M

ClientSampleId :

EX-22

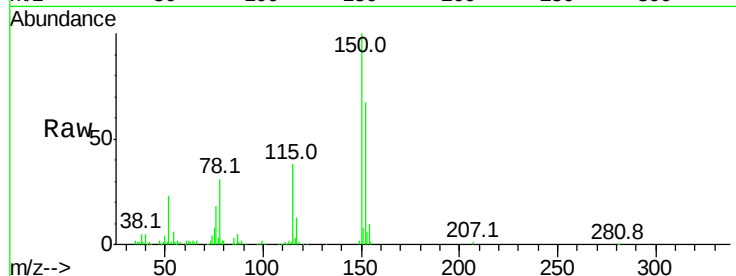
Tot Ion:152 Resp: 145210

Ion Ratio Lower Upper

152 100

150 149.2 119.5 179.3

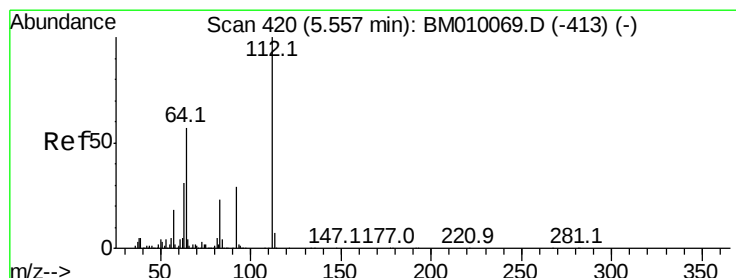
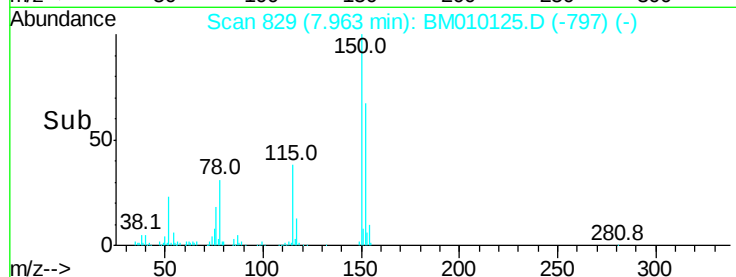
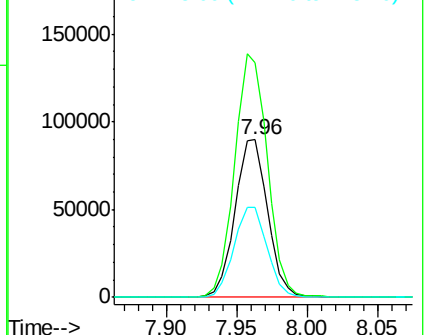
115 57.2 43.0 64.4



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: 104.21 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.02 min

Lab File: BM010125.D

Acq: 23 May 2017 04:47

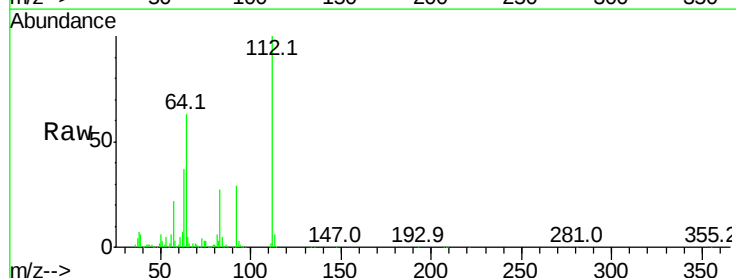
Tgt Ion:112 Resp: 837938

Ion Ratio Lower Upper

112 100

64 63.0 38.6 57.8#

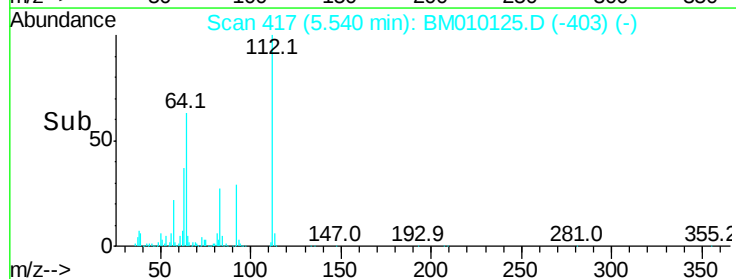
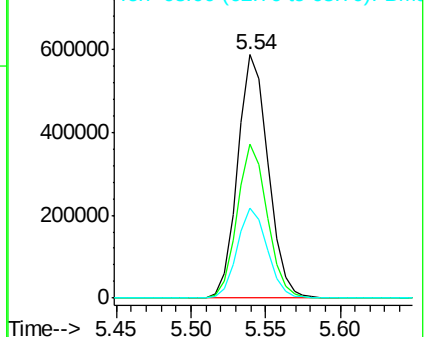
63 36.9 19.3 28.9#

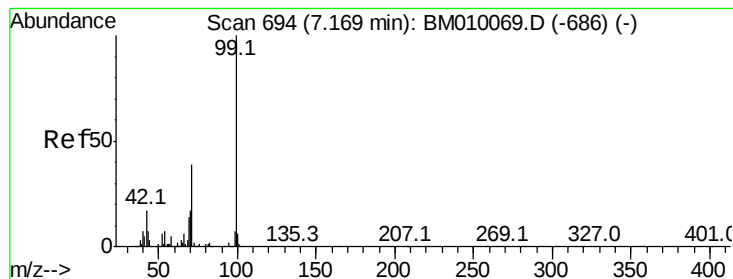


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 99.28 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010125.D

Acq: 23 May 2017 04:47

Instrument :

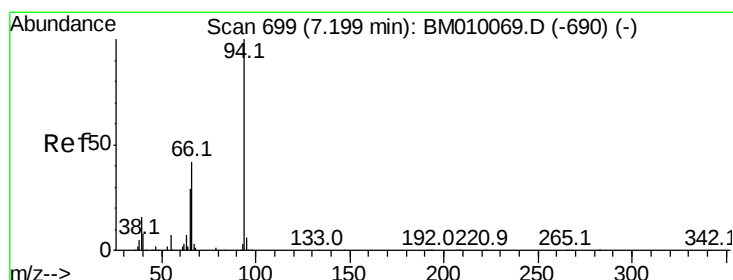
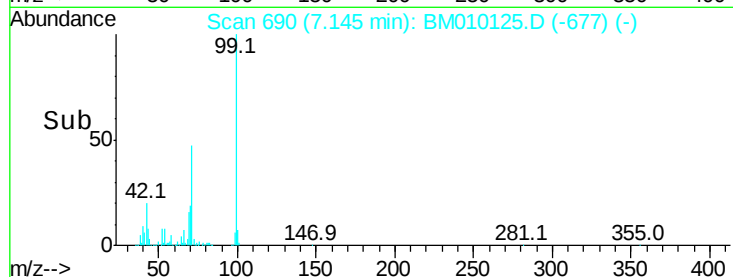
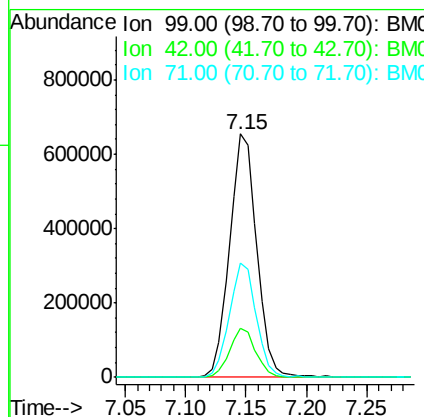
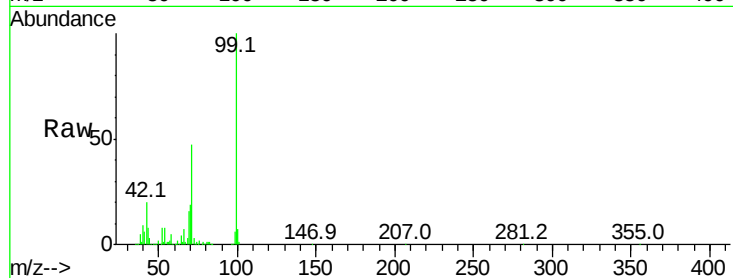
BNA_M

ClientSampleId :

EX-22

Tot Ion: 99 Resp: 1027243

Ion	Ratio	Lower	Upper
99	100		
42	20.1	11.0	16.4#
71	46.9	23.4	35.2#



#10

Phenol

Concen: 2.04 ng

RT: 7.17 min Scan# 695

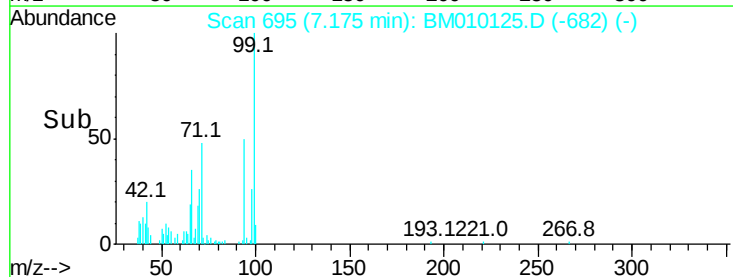
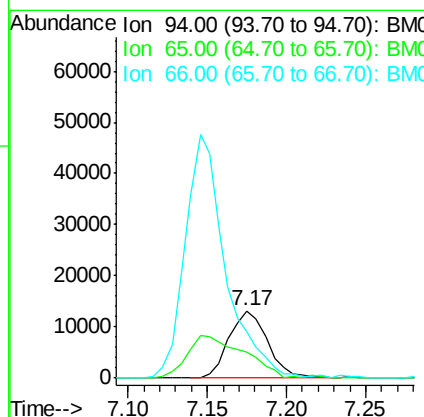
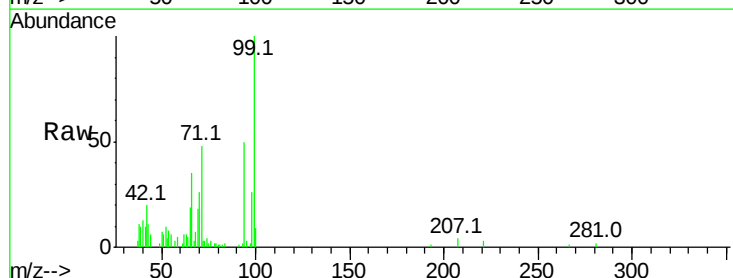
Delta R.T. -0.02 min

Lab File: BM010125.D

Acq: 23 May 2017 04:47

Tgt Ion: 94 Resp: 22221

Ion	Ratio	Lower	Upper
94	100		
65	38.2	18.8	58.8
66	69.4	39.9	79.9

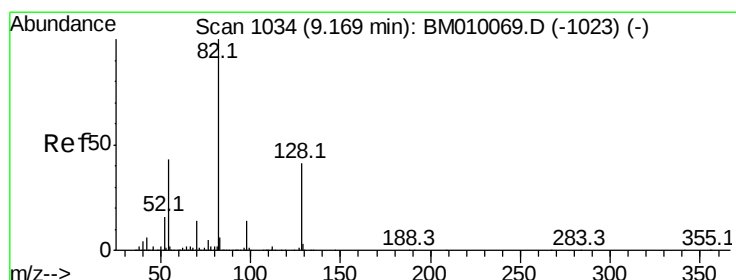
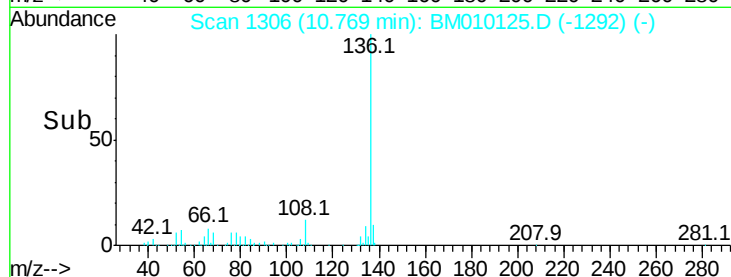
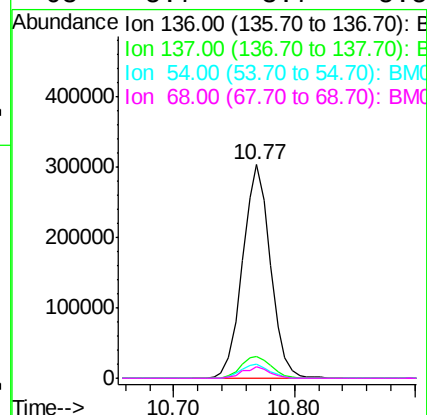
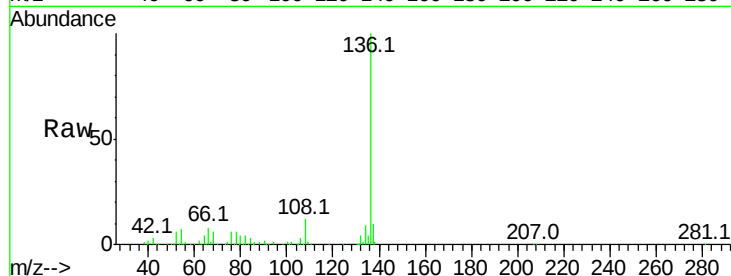




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM010125.D
Acq: 23 May 2017 04:47

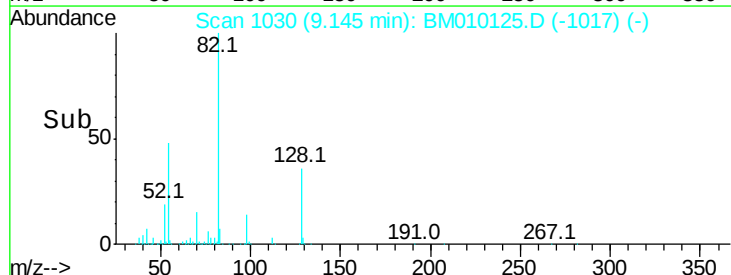
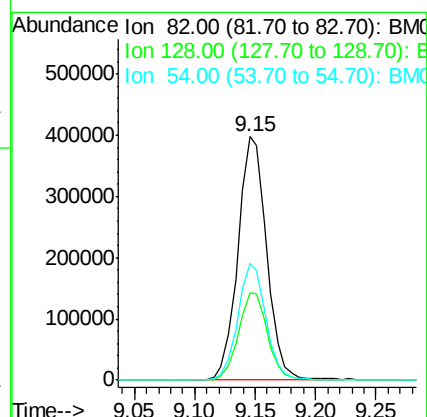
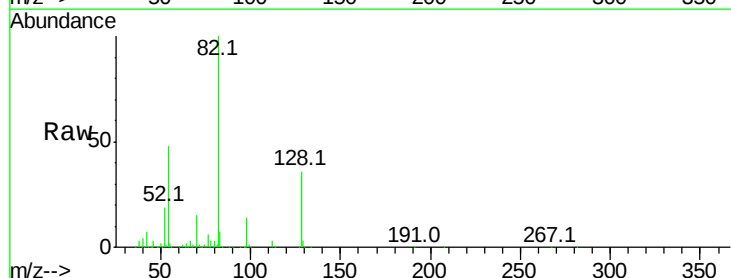
Instrument :
BNA_M
ClientSampleId :
EX-22

Tot Ion:136	Resp:	487322
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.7 13.1
54	6.7	4.6 6.8
68	5.7	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 73.01 ng
RT: 9.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BM010125.D
Acq: 23 May 2017 04:47

Tgt Ion: 82	Resp:	659429
Ion	Ratio	Lower Upper
82	100	
128	36.2	32.8 49.2
54	47.8	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: BM010125.D

Acq: 23 May 2017 04:47

Instrument :

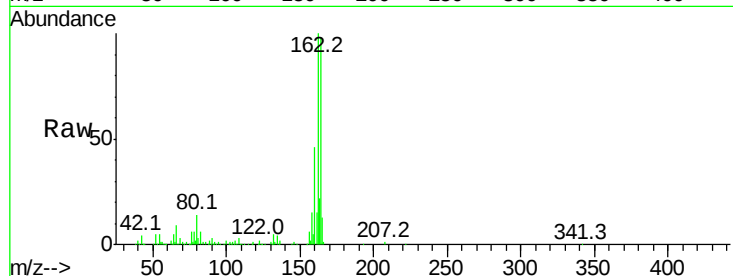
BNA_M

ClientSampleId :

EX-22

Tot Ion:164 Resp: 303140

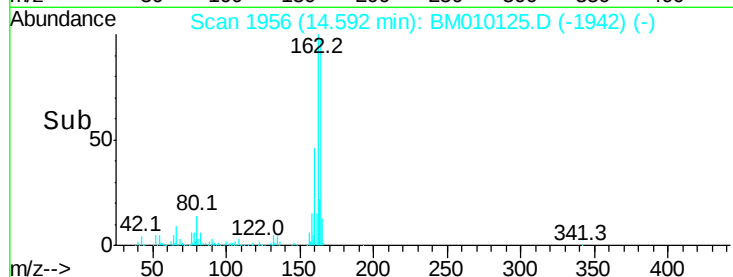
Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.4	123.6
160	46.6	35.8	53.6



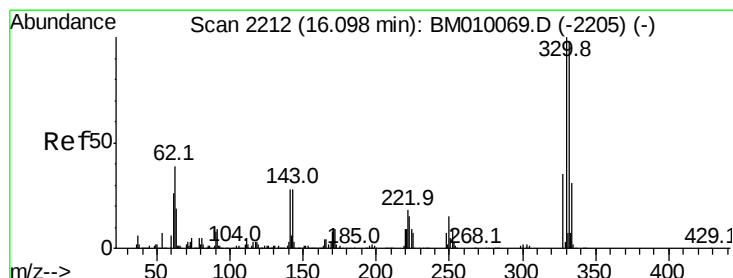
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.50 14.55 14.60 14.65



#41

2,4,6-Tribromophenol

Concen: 99.28 ng

RT: 16.09 min Scan# 2210

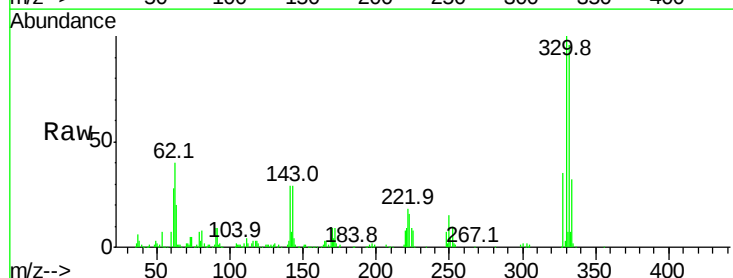
Delta R.T. -0.01 min

Lab File: BM010125.D

Acq: 23 May 2017 04:47

Tgt Ion:330 Resp: 457069

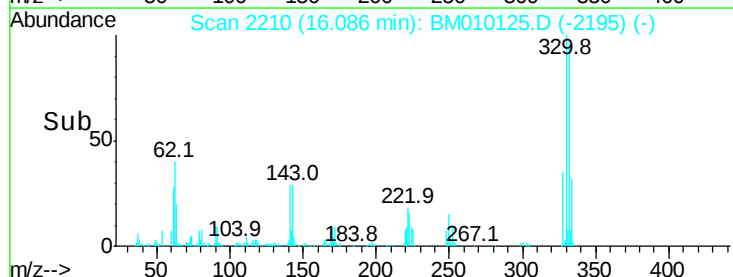
Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	31.2	0.0	0.0#



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



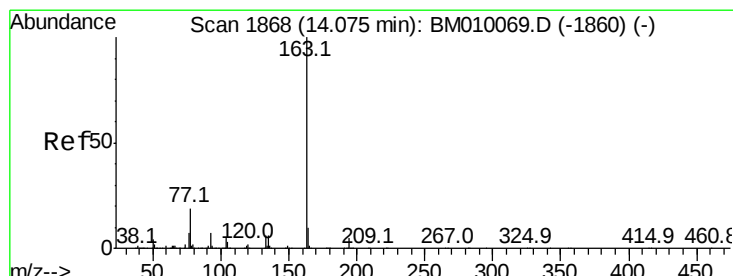
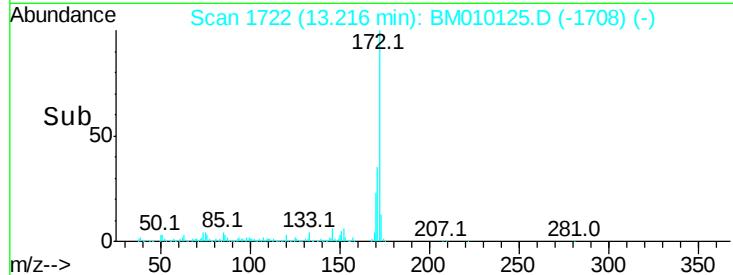
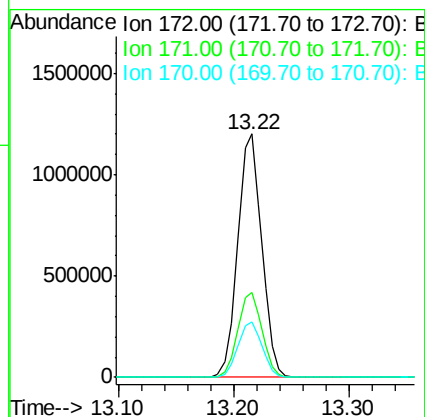
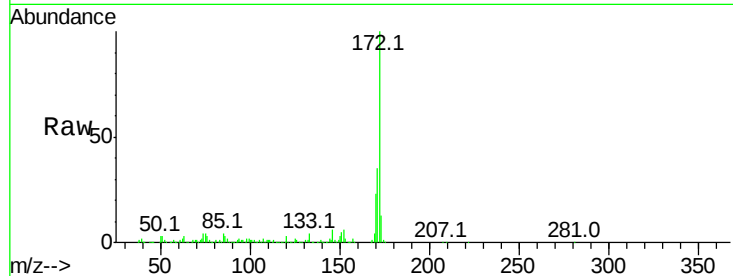
Time--> 16.00 16.05 16.10 16.15



#44
2-Fluorobiphenyl
Concen: 72.99 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BM010125.D
Acq: 23 May 2017 04:47

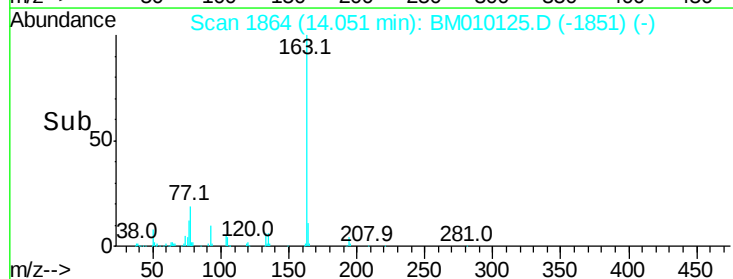
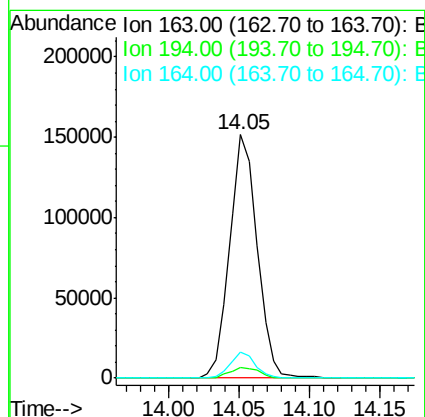
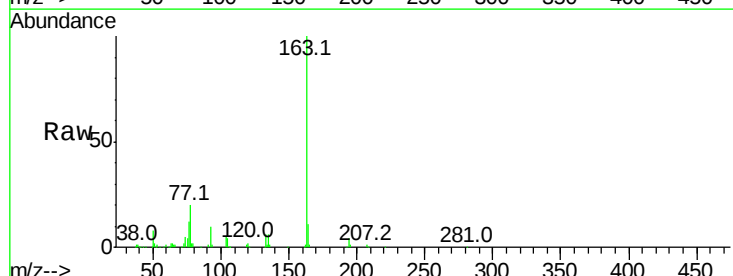
Instrument :
BNA_M
ClientSampleId :
EX-22

Tot Ion:172 Resp: 1721055
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.0 18.8 28.2



#49
Dimethylphthalate
Concen: 7.61 ng
RT: 14.05 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BM010125.D
Acq: 23 May 2017 04:47

Tgt Ion:163 Resp: 205855
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.6 8.2 12.2

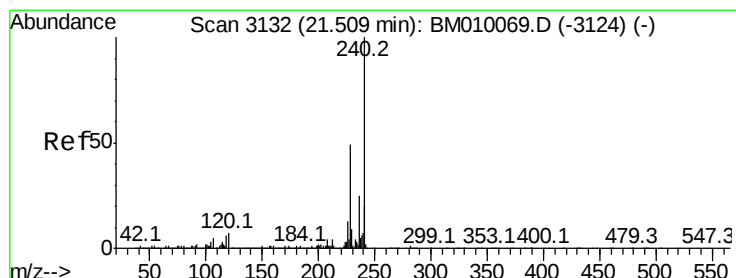
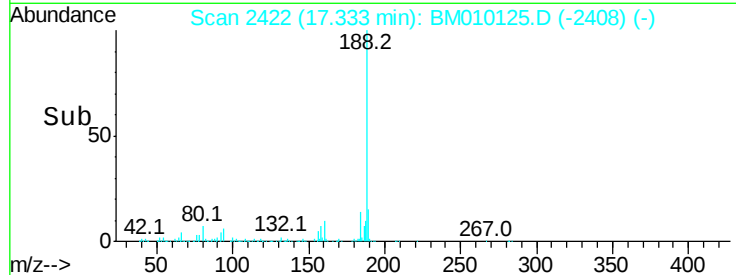
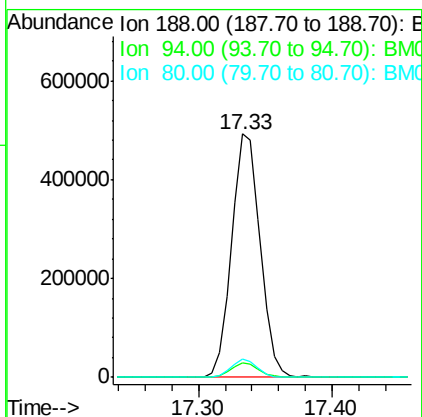
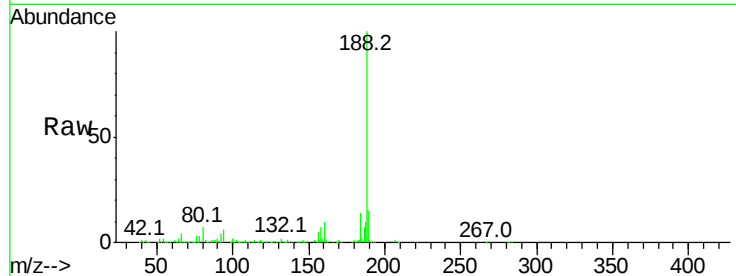




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010125.D
Acq: 23 May 2017 04:47

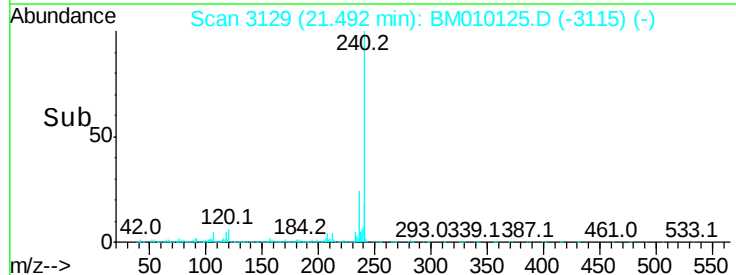
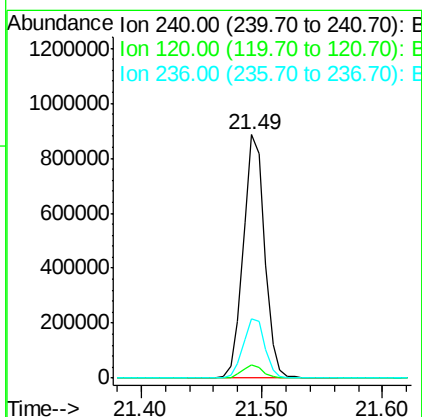
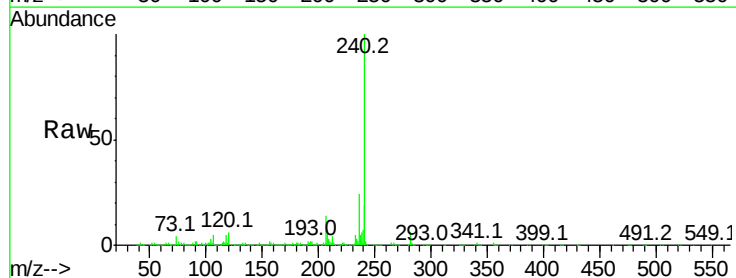
Instrument :
BNA_M
ClientSampleId :
EX-22

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	8.7	13.1#
80	7.4	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: BM010125.D
Acq: 23 May 2017 04:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	8.2	12.2#
236	24.4	20.0	30.0





#78

Terphenyl-d14

Concen: 58.95 ng

RT: 19.94 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM010125.D

Acq: 23 May 2017 04:47

Instrument :

BNA_M

ClientSampleId :

EX-22

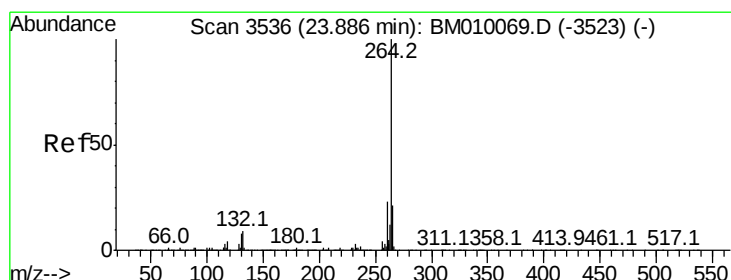
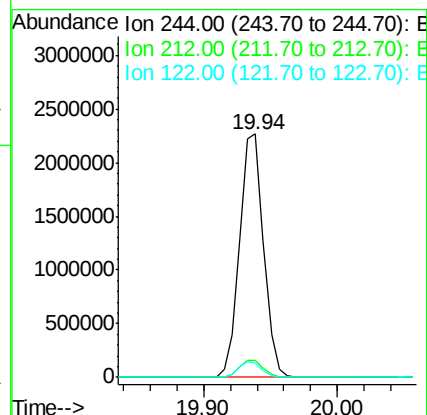
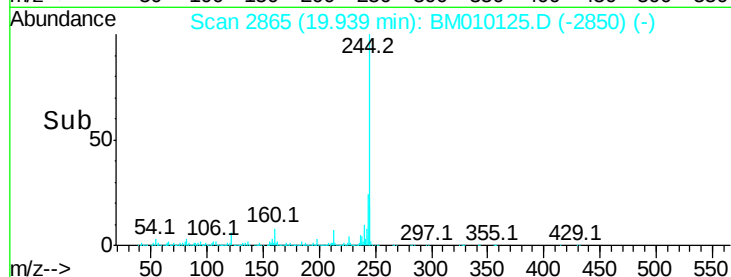
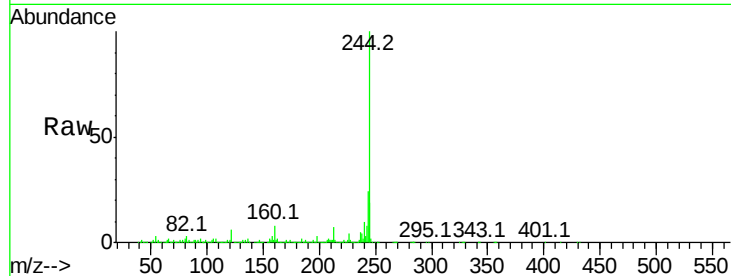
Tot Ion:244 Resp: 2844613

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

122 6.1 6.2 9.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.86 min Scan# 3532

Delta R.T. -0.02 min

Lab File: BM010125.D

Acq: 23 May 2017 04:47

Tgt Ion:264 Resp: 1254990

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.9 17.3 25.9

