

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010100.D
 Acq On : 22 May 2017 13:48
 Operator : SJ/MA
 Sample : I3235-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 23 05:25:42 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

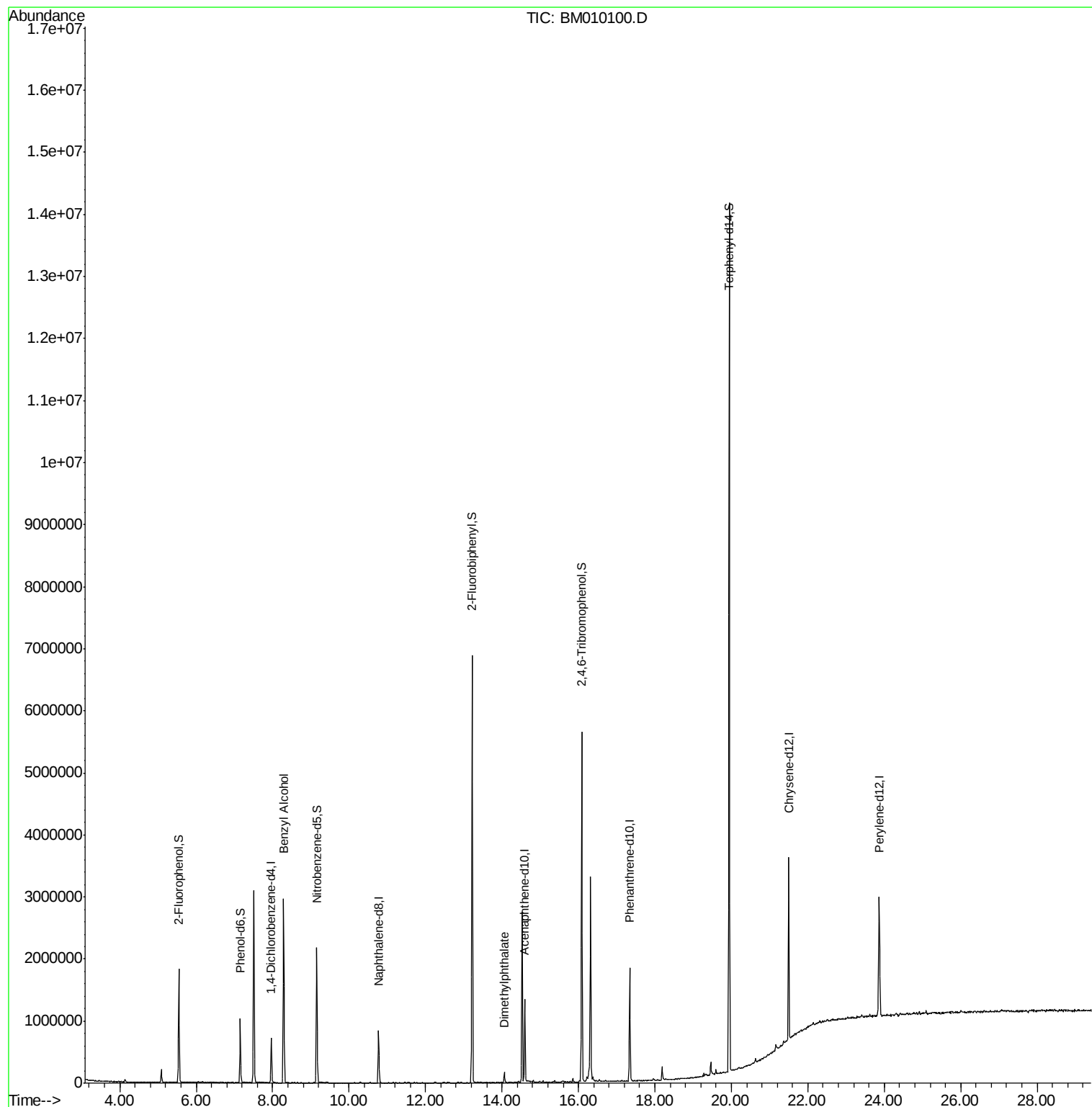
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	185708	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	640346	20.00	ng	-0.01
38) Acenaphthene-d10	14.60	164	417759	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	1041076	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1500944	20.00	ng	-0.01
86) Perylene-d12	23.87	264	1585239	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	668836	65.04	ng	-0.01
7) Phenol-d6	7.15	99	522707	39.50	ng	-0.02
23) Nitrobenzene-d5	9.15	82	1244924	104.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	972236	153.23	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	3354916	103.24	ng	-0.01
78) Terphenyl-d14	19.94	244	6004143	90.96	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.29	79	24098	2.41	ng	# 35
49) Dimethylphthalate	14.06	163	100310	2.69	ng	# 99

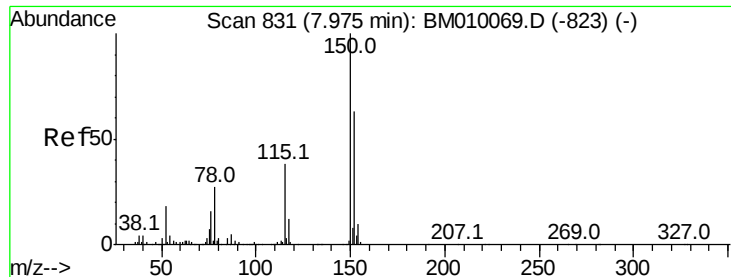
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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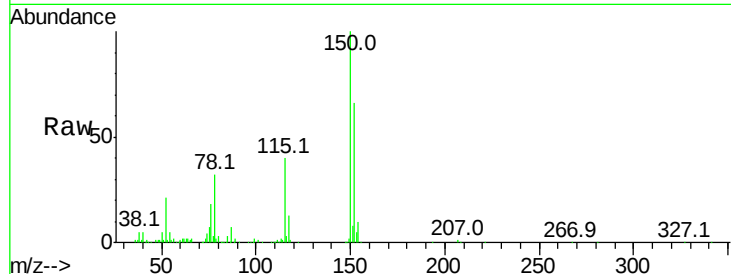


#1

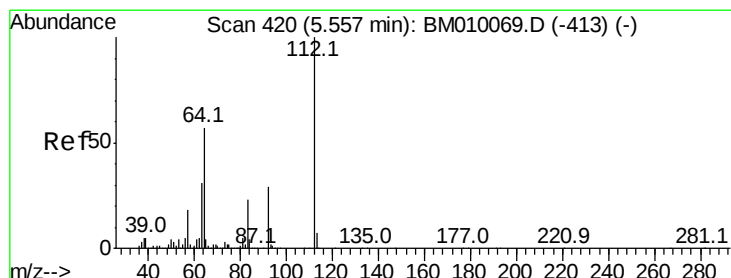
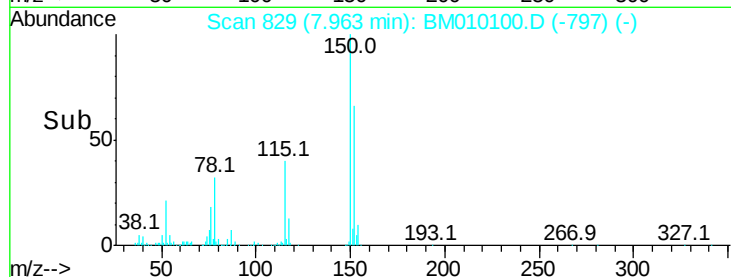
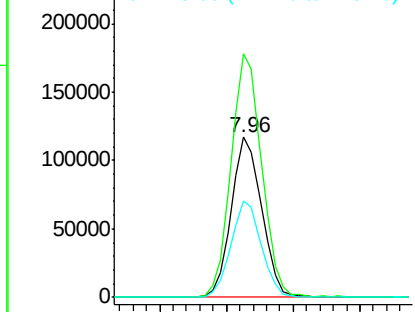
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM010100.D
Acq: 22 May 2017 13:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.5	179.3
115	60.4	43.0	64.4



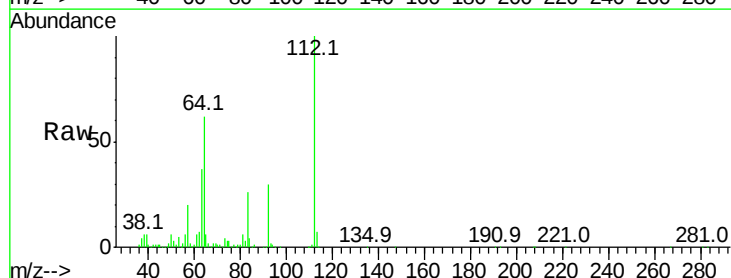
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



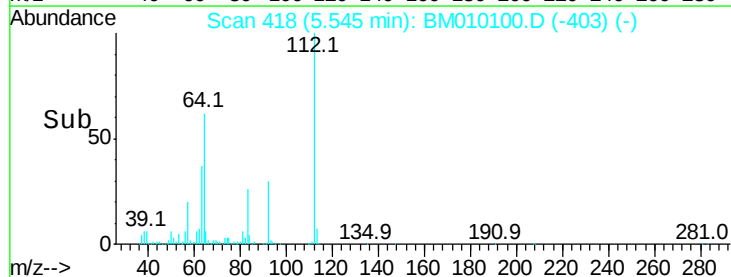
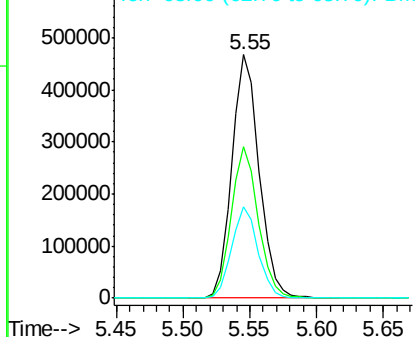
#5

2-Fluorophenol
Concen: 65.04 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BM010100.D
Acq: 22 May 2017 13:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	38.6	57.8#
63	37.4	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: 39.50 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010100.D

Acq: 22 May 2017 13:48

Instrument :

BNA_M

ClientSampleId :

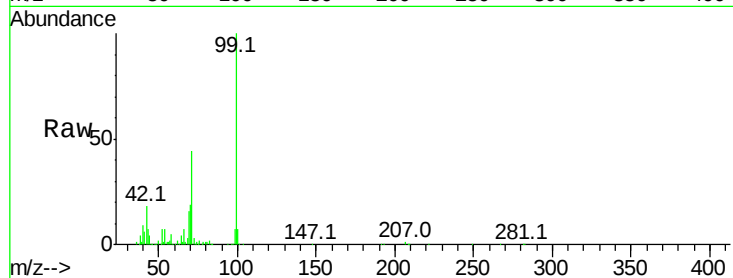
Tot Ion: 99 Resp: 522707

Ion Ratio Lower Upper

99 100

42 18.3 11.0 16.4#

71 43.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)

7.15

400000

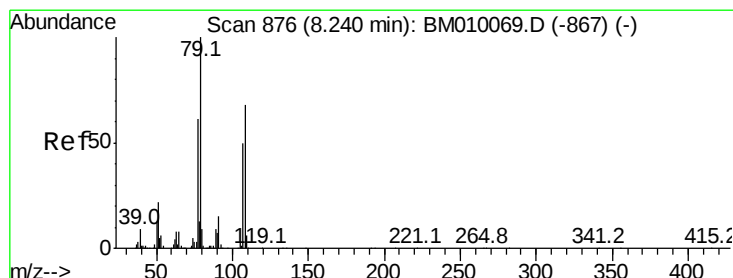
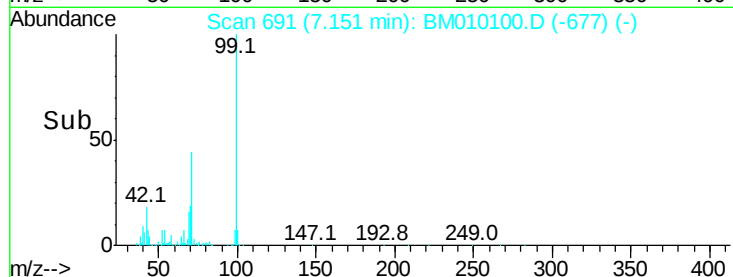
300000

200000

100000

0

Time--> 7.05 7.10 7.15 7.20 7.25



#15

Benzyl Alcohol

Concen: 2.41 ng

RT: 8.29 min Scan# 884

Delta R.T. 0.05 min

Lab File: BM010100.D

Acq: 22 May 2017 13:48

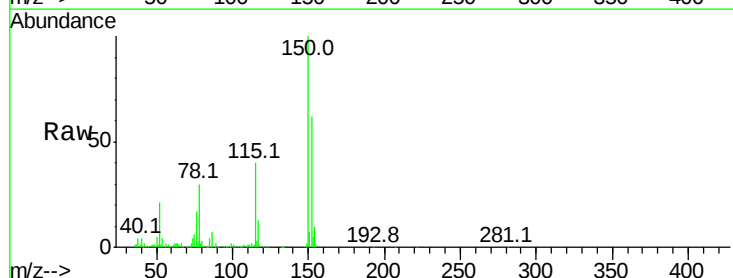
Tgt Ion: 79 Resp: 24098

Ion Ratio Lower Upper

79 100

108 44.3 65.0 97.4#

77 141.5 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-867) (-)

Ion 108.00 (107.70 to 108.70): BM010069.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM010069.D (-867) (-)

8.29

30000

25000

20000

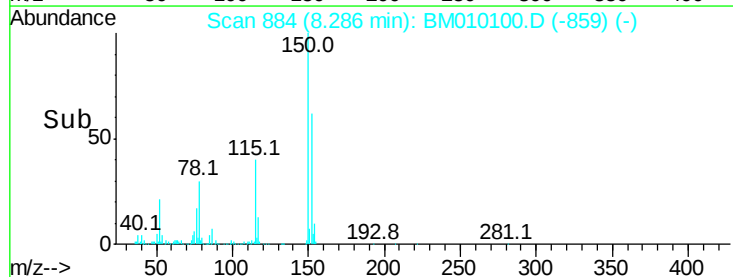
15000

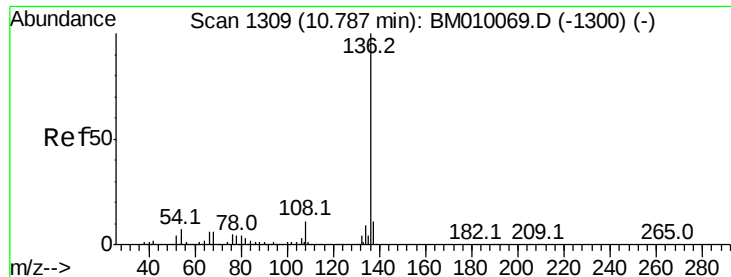
10000

5000

0

Time--> 8.25 8.30

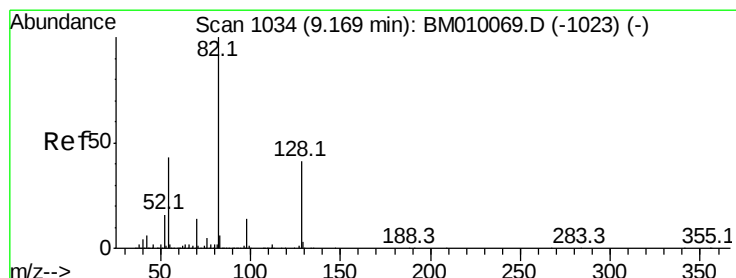
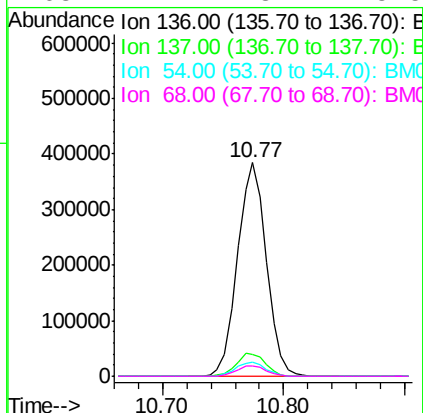
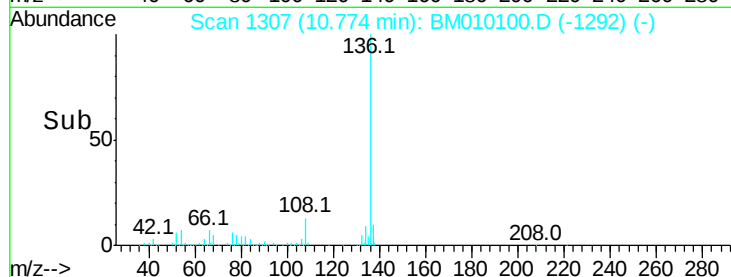
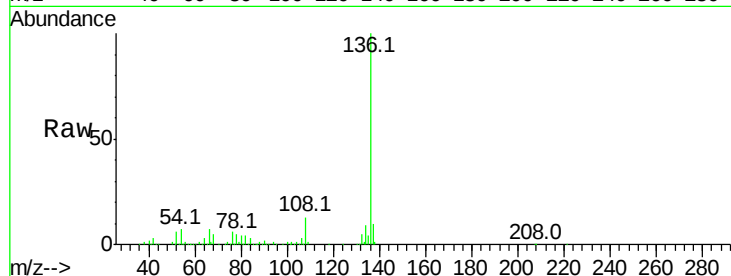




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM010100.D
Acq: 22 May 2017 13:48

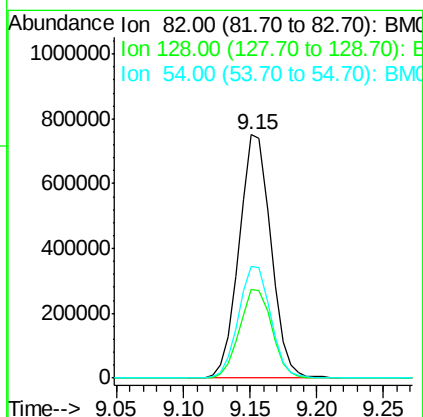
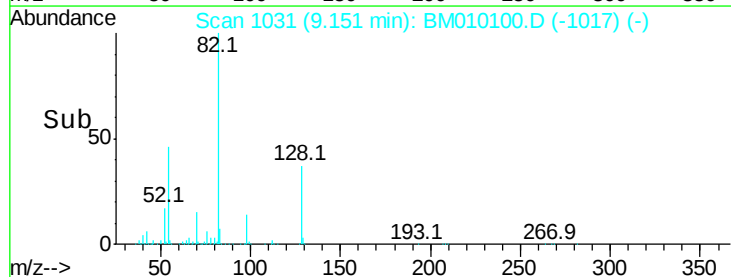
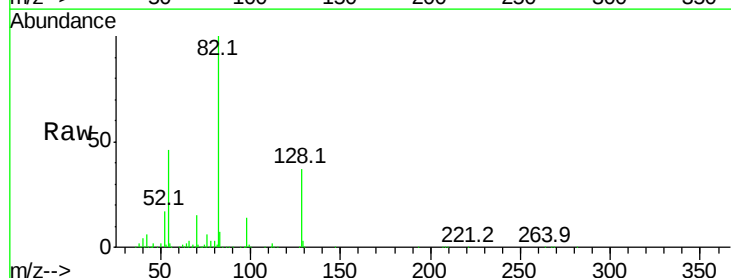
Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	640346	
Ion Ratio	Lower	Upper	
136 100			
137 10.1	8.7	13.1	
54 6.6	4.6	6.8	
68 4.7	3.7	5.5	



#23
Nitrobenzene-d5
Concen: 104.89 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BM010100.D
Acq: 22 May 2017 13:48

Tgt Ion: 82	Resp: 1244924
Ion Ratio	Lower Upper
82 100	
128 36.6	32.8 49.2
54 45.7	40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM010100.D

Acq: 22 May 2017 13:48

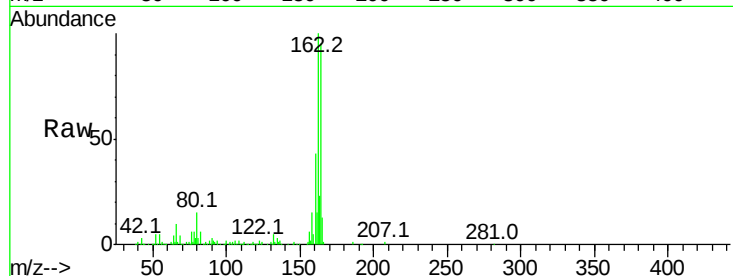
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 417759

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.4	123.6
160	45.5	35.8	53.6

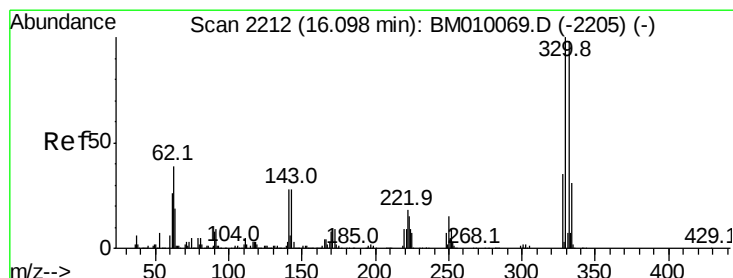
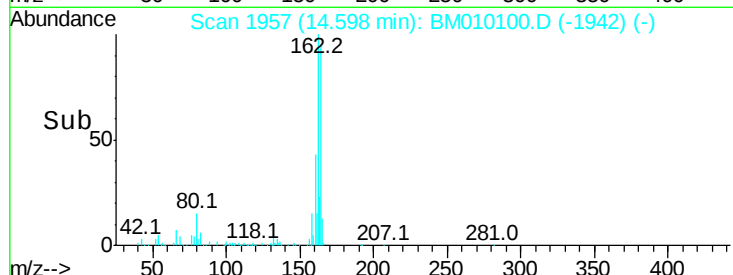
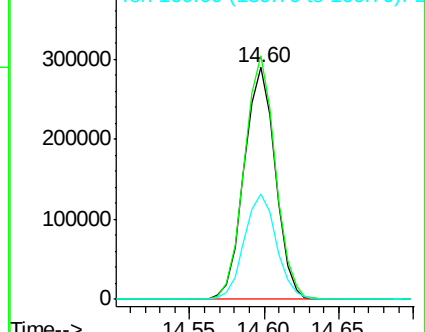


Abundance

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: 153.23 ng

RT: 16.09 min Scan# 2210

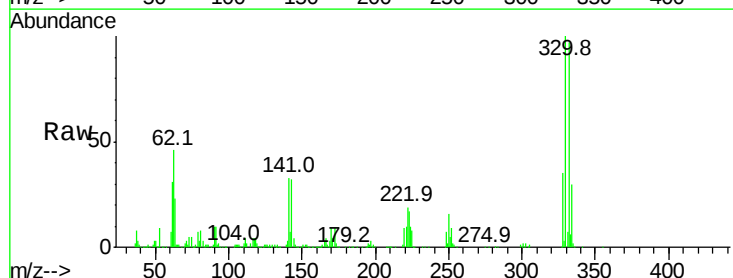
Delta R.T. -0.01 min

Lab File: BM010100.D

Acq: 22 May 2017 13:48

Tgt Ion:330 Resp: 972236

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	31.7	0.0	0.0#

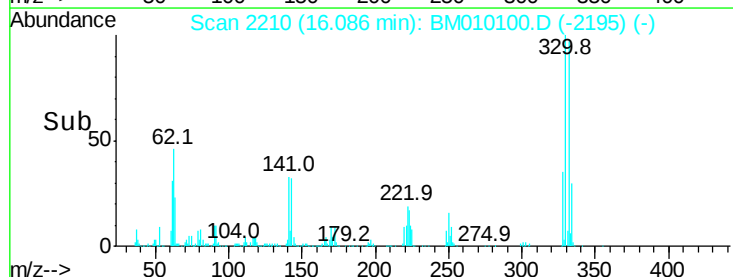
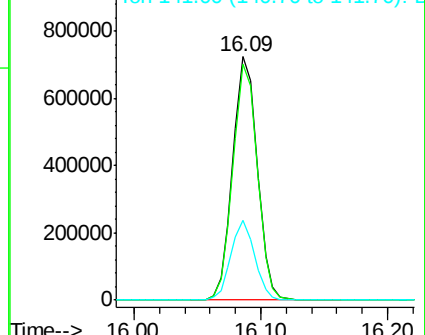


Abundance

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: 103.24 ng

RT: 13.22 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BM010100.D

Acq: 22 May 2017 13:48

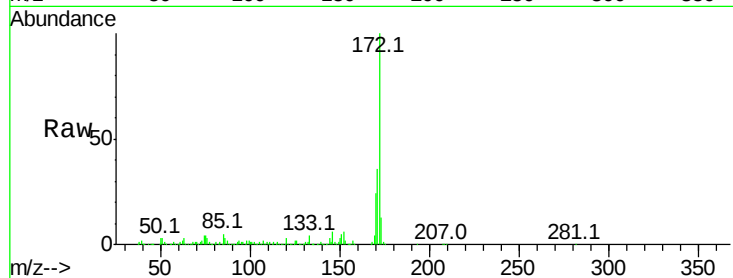
Instrument :

BNA_M

ClientSampleId :

Tot Ion:172 Resp: 3354916

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.7	18.8	28.2

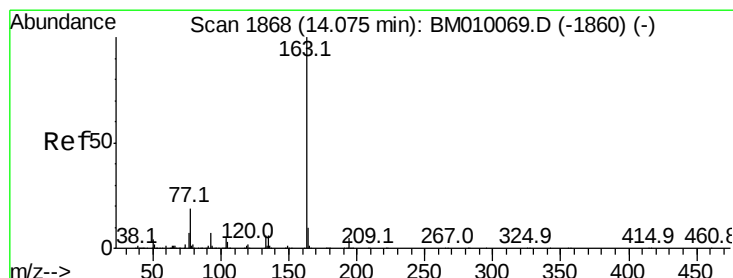
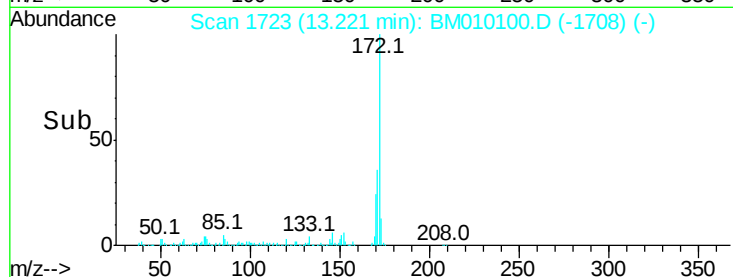
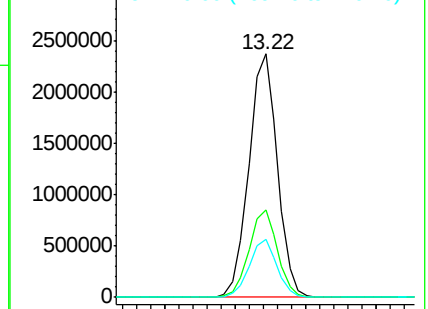


Abundance

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: 2.69 ng

RT: 14.06 min Scan# 1865

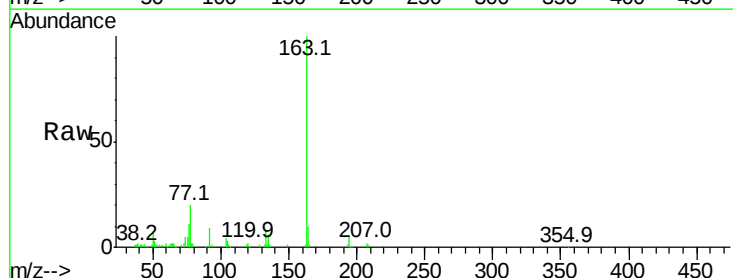
Delta R.T. -0.02 min

Lab File: BM010100.D

Acq: 22 May 2017 13:48

Tgt Ion:163 Resp: 100310

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	10.0	8.2	12.2

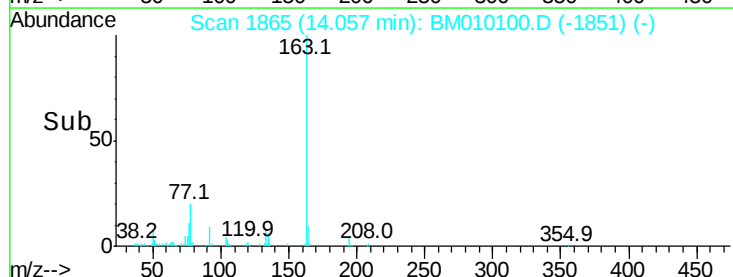
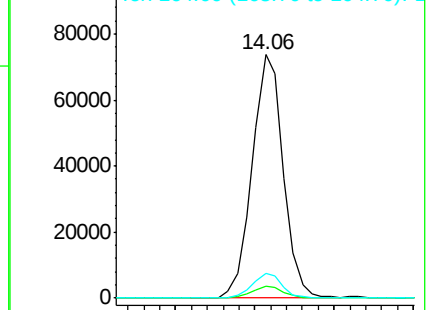


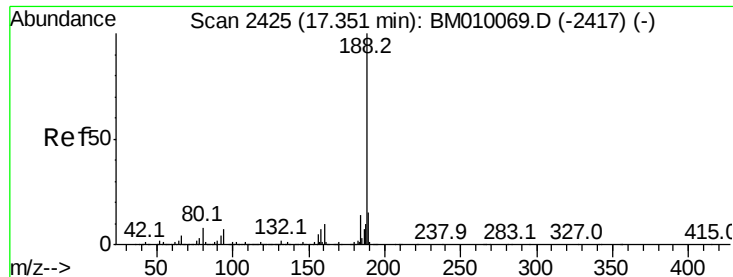
Abundance

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

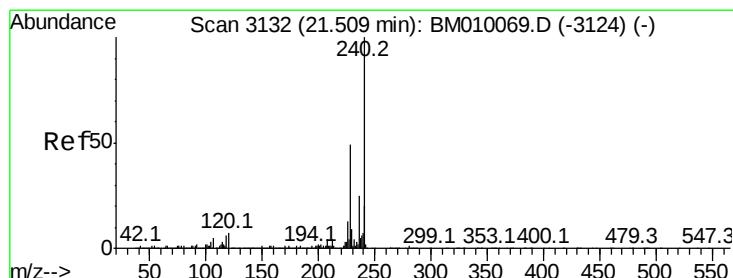
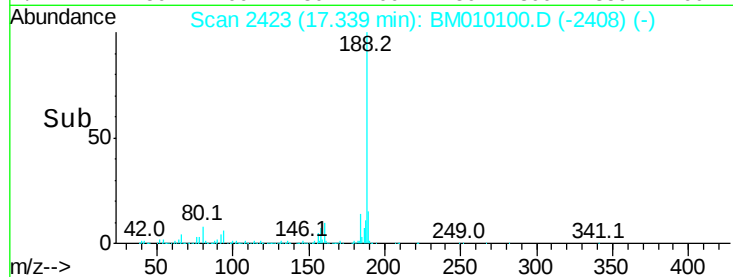
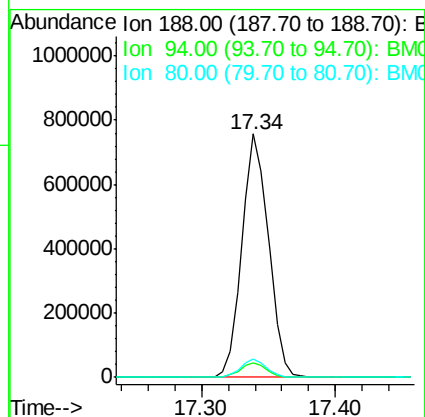
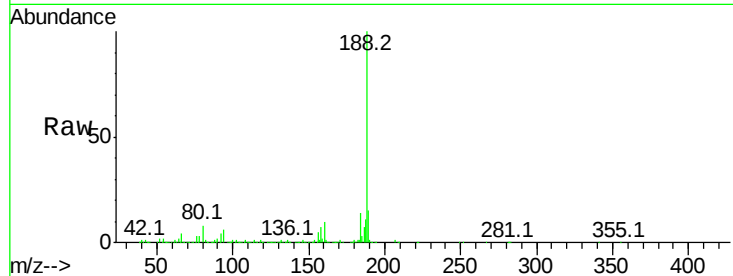




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BM010100.D
Acq: 22 May 2017 13:48

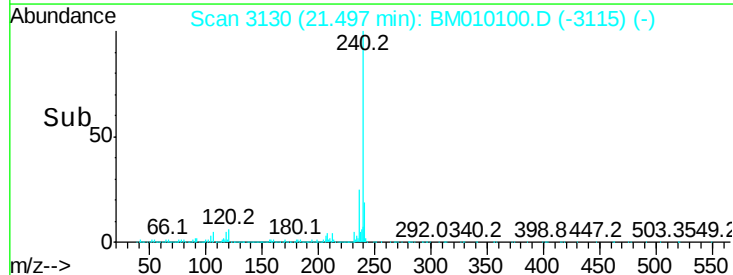
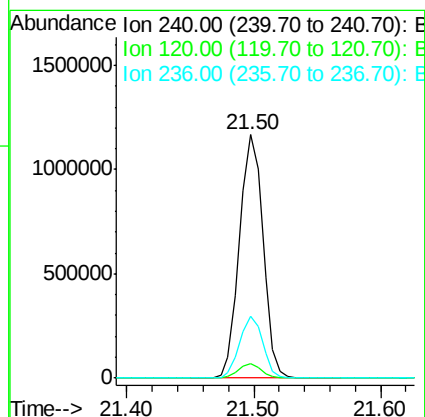
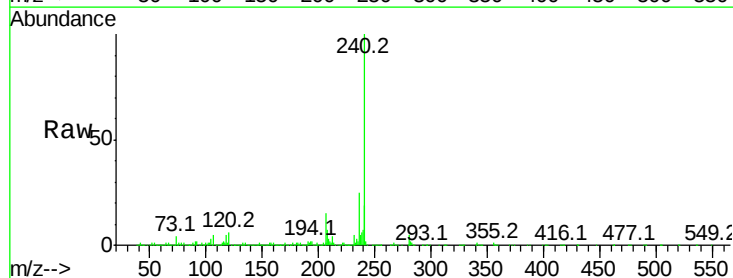
Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 1041076
Ion Ratio Lower Upper
188 100
94 6.1 8.7 13.1#
80 7.7 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: BM010100.D
Acq: 22 May 2017 13:48

Tgt Ion:240 Resp: 1500944
Ion Ratio Lower Upper
240 100
120 5.9 8.2 12.2#
236 25.2 20.0 30.0





#78

Terphenyl-d14

Concen: 90.96 ng

RT: 19.94 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM010100.D

Acq: 22 May 2017 13:48

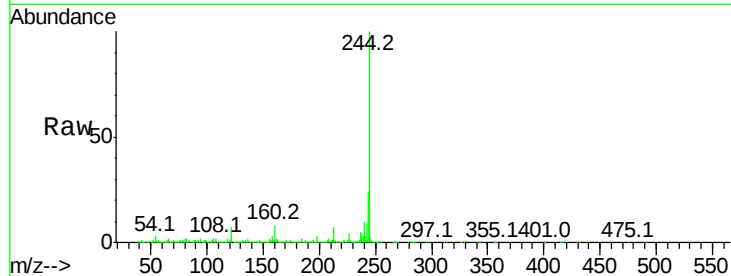
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 6004143

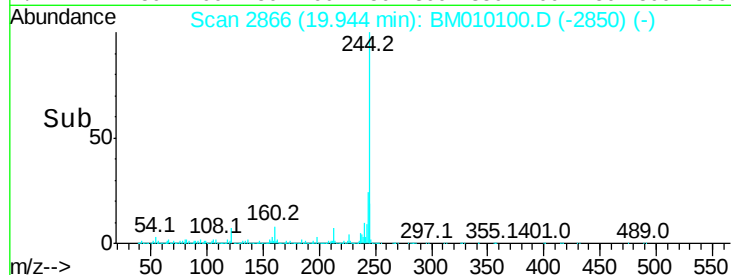
Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3
122	6.5	6.2	9.4



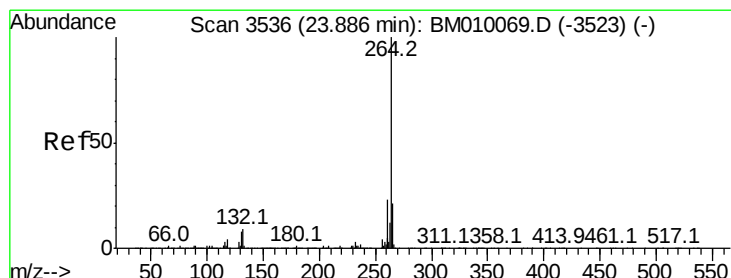
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.87 min Scan# 3533

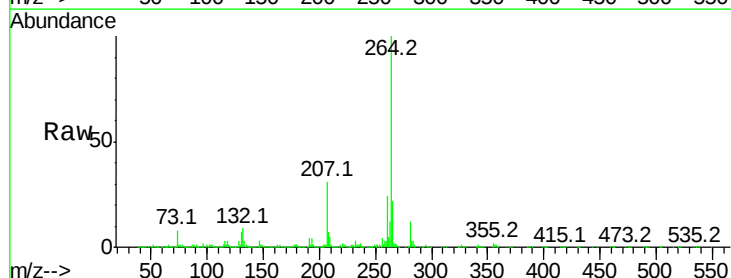
Delta R.T. -0.02 min

Lab File: BM010100.D

Acq: 22 May 2017 13:48

Tgt Ion:264 Resp: 1585239

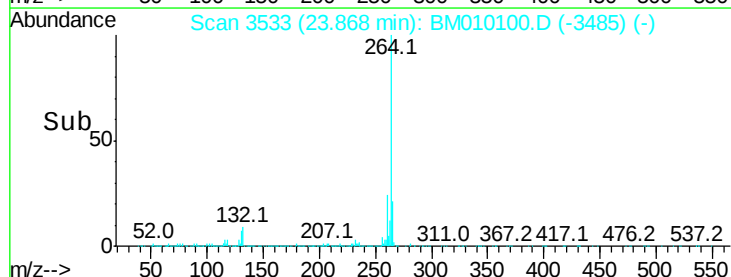
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.1	17.3	25.9



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



Time-->