

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052517\
 Data File : BM010220.D
 Acq On : 25 May 2017 16:56
 Operator : SJ/MA
 Sample : I3309-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 26 05:14:45 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

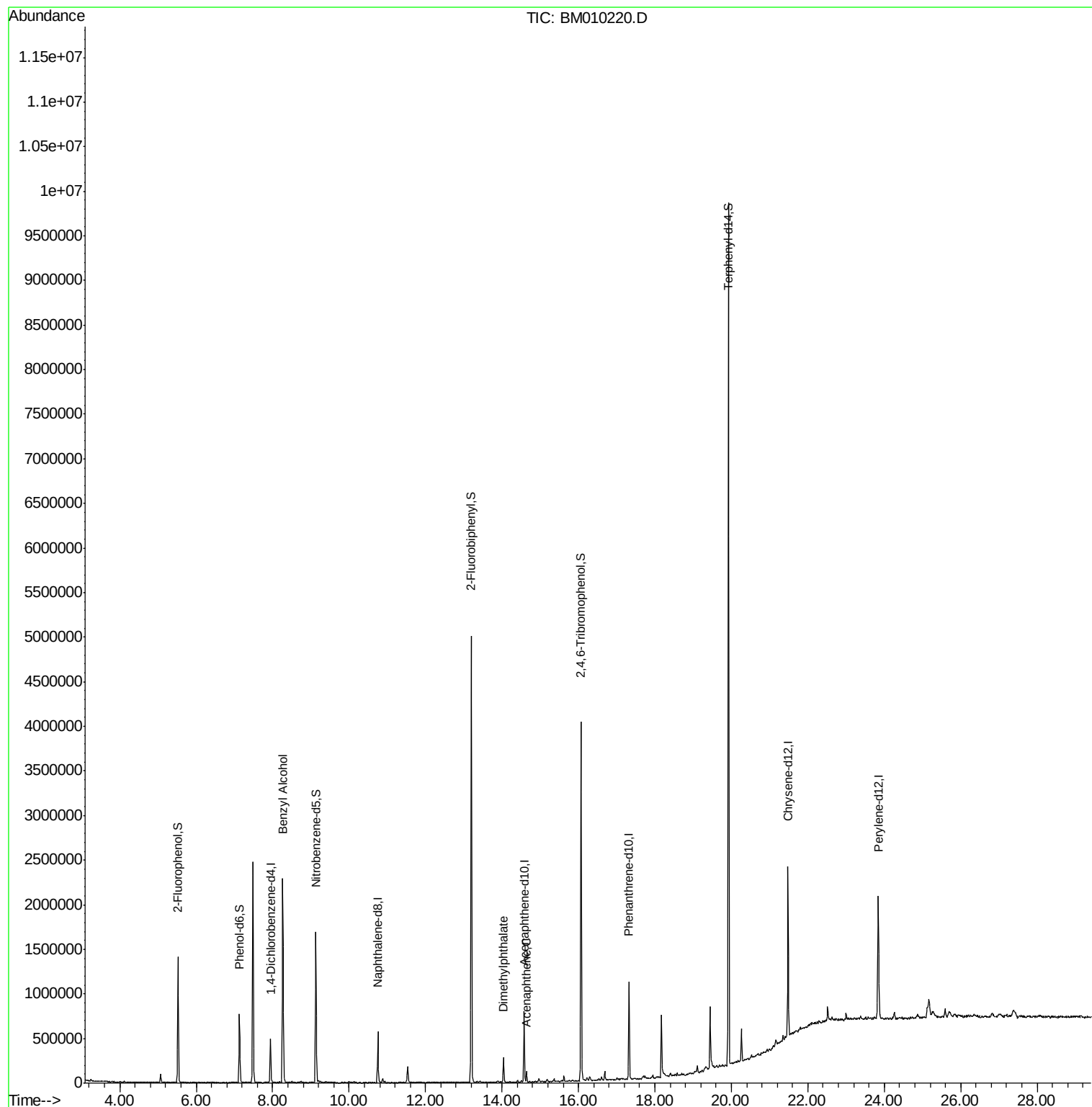
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	121119	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	407613	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	259787	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	629268	20.00	ng	-0.03
75) Chrysene-d12	21.48	240	965166	20.00	ng	-0.03
86) Perylene-d12	23.84	264	1077039	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	494643	73.75	ng	-0.03
7) Phenol-d6	7.13	99	369823	42.85	ng	-0.04
23) Nitrobenzene-d5	9.13	82	913510	120.91	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	667529	169.18	ng	-0.03
44) 2-Fluorobiphenyl	13.20	172	2338349	115.71	ng	-0.04
78) Terphenyl-d14	19.93	244	3969194	93.51	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.26	79	19904	3.05	ng	# 37
49) Dimethylphthalate	14.04	163	171960	7.42	ng	# 98
51) Acenaphthene	14.64	154	40175	2.53	ng	93

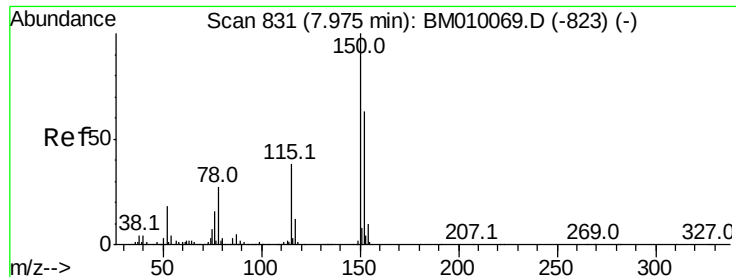
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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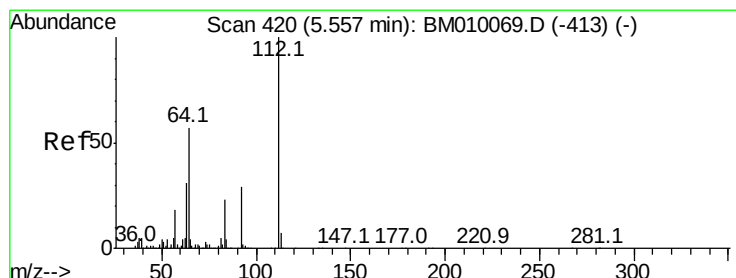
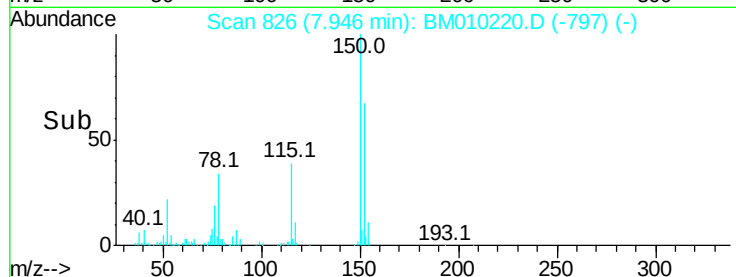
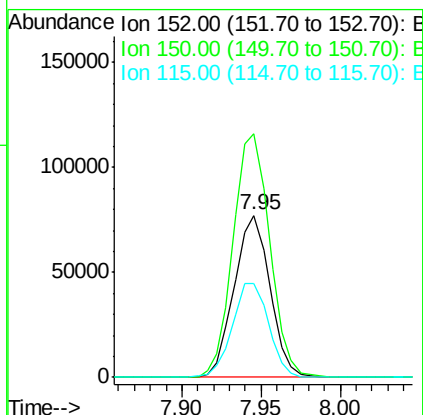
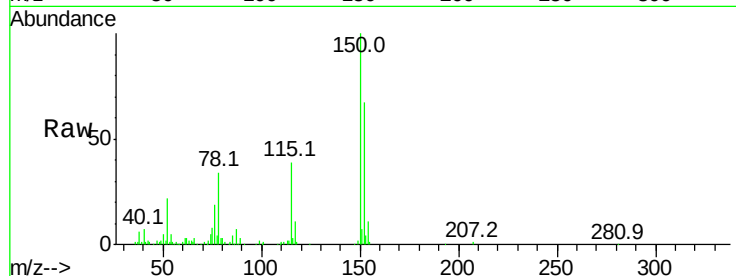


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 826
Delta R.T. -0.03 min
Lab File: BM010220.D
Acq: 25 May 2017 16:56

Instrument :
BNA_M
ClientSampleId :

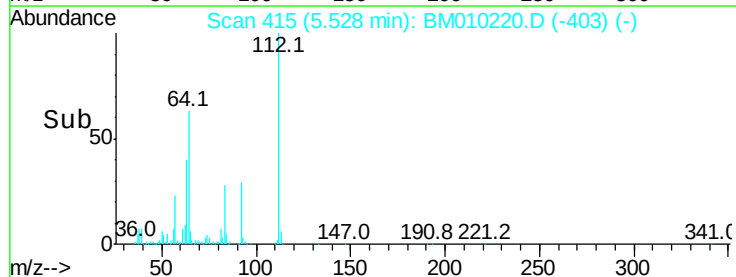
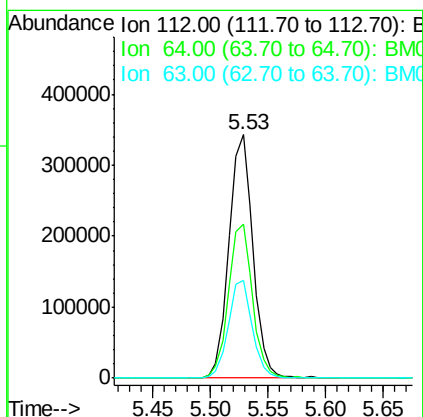
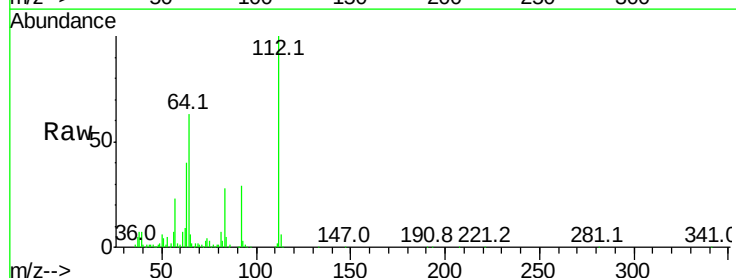
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	119.5	179.3
115	58.1	43.0	64.4

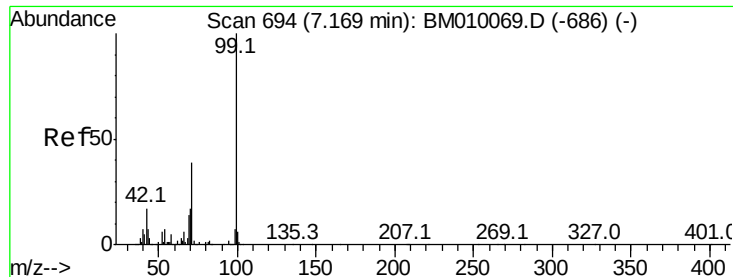


#5

2-Fluorophenol
Concen: 73.75 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.03 min
Lab File: BM010220.D
Acq: 25 May 2017 16:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	38.6	57.8#
63	40.2	19.3	28.9#





#7

Phenol-d6

Concen: 42.85 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010220.D

Acq: 25 May 2017 16:56

Instrument :

BNA_M

ClientSampleId :

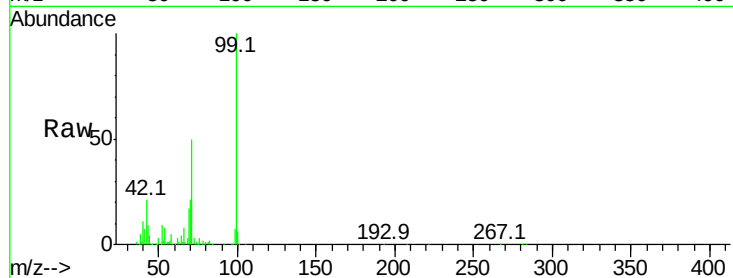
Tot Ion: 99 Resp: 369823

Ion Ratio Lower Upper

99 100

42 21.3 11.0 16.4#

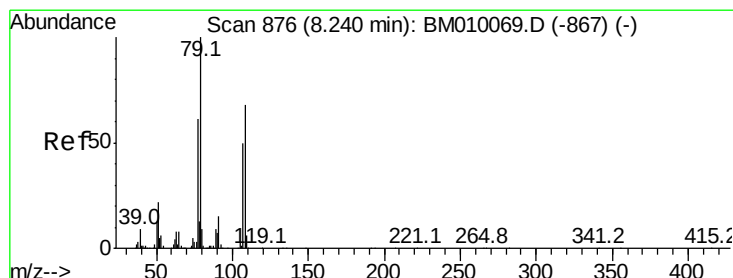
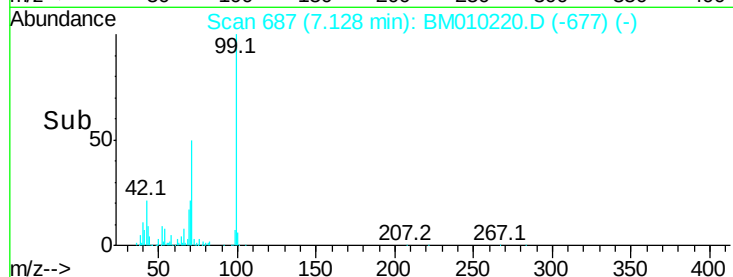
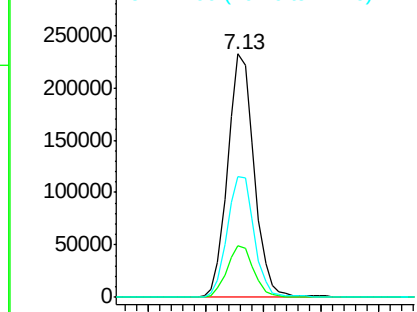
71 49.8 23.4 35.2#



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) (-)



#15

Benzyl Alcohol

Concen: 3.05 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.02 min

Lab File: BM010220.D

Acq: 25 May 2017 16:56

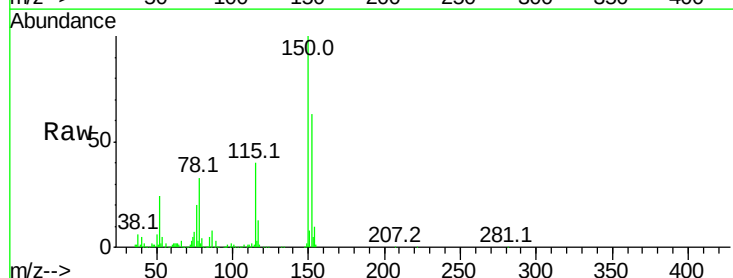
Tgt Ion: 79 Resp: 19904

Ion Ratio Lower Upper

79 100

108 49.1 65.0 97.4#

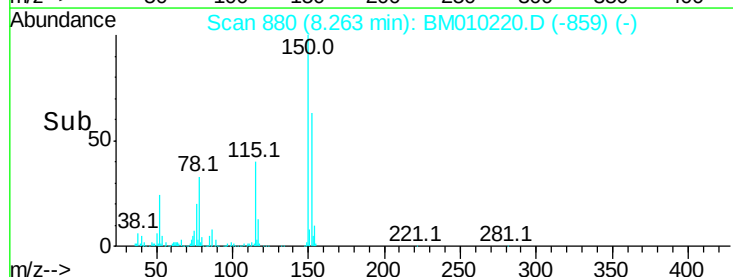
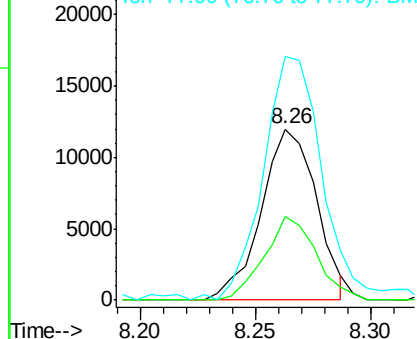
77 142.4 53.0 79.6#

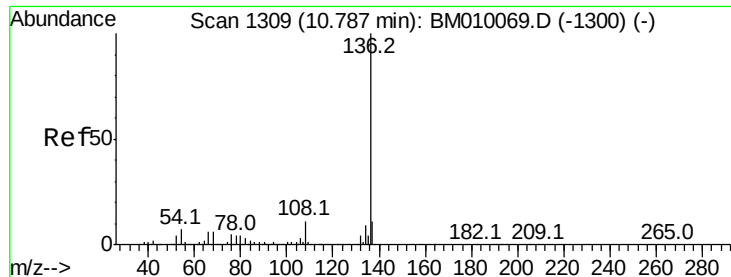


Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-867) (-)

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

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

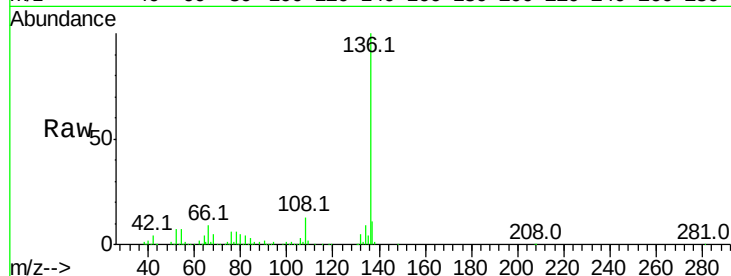




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BM010220.D
Acq: 25 May 2017 16:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	407613
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	7.1	4.6 6.8#
68	5.4	3.7 5.5

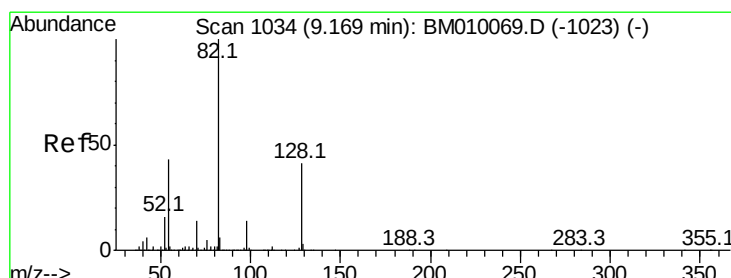
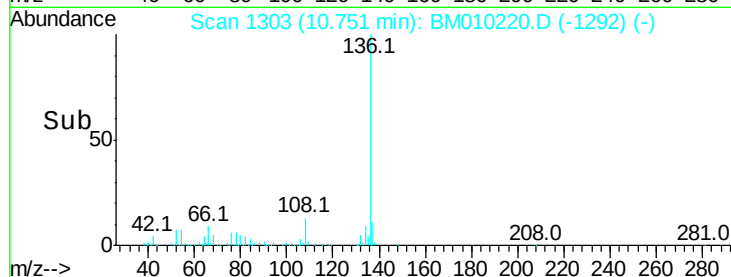
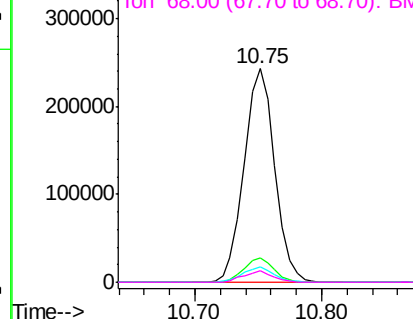


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

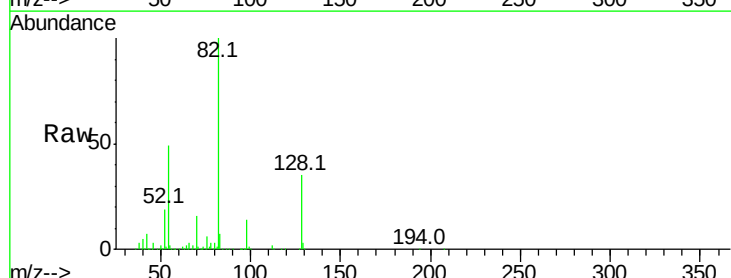
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23
Nitrobenzene-d5
Concen: 120.91 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BM010220.D
Acq: 25 May 2017 16:56

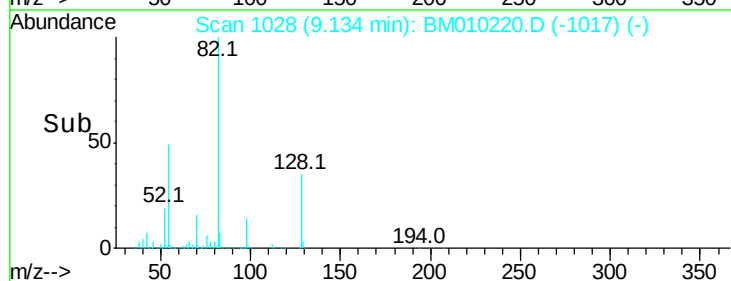
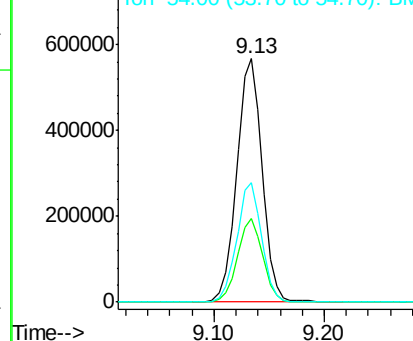
Tgt Ion: 82	Resp:	913510
Ion Ratio	Lower	Upper
82	100	
128	34.5	32.8 49.2
54	48.9	40.6 60.8

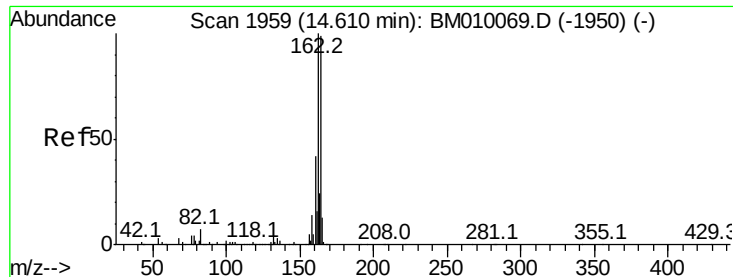


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BM010220.D

Acq: 25 May 2017 16:56

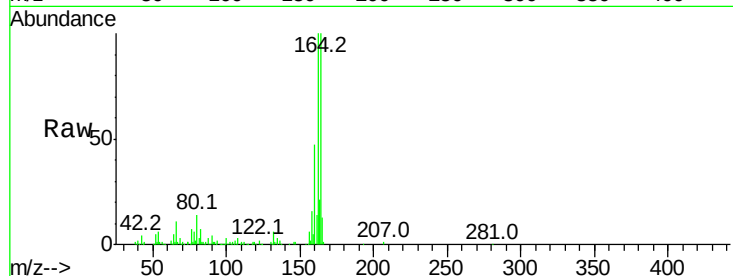
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 259787

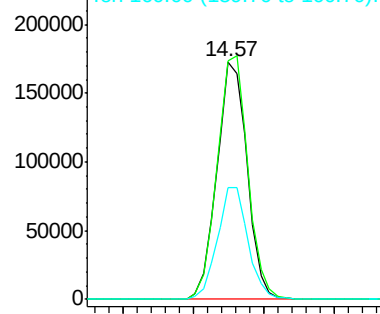
Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.4	123.6
160	46.9	35.8	53.6



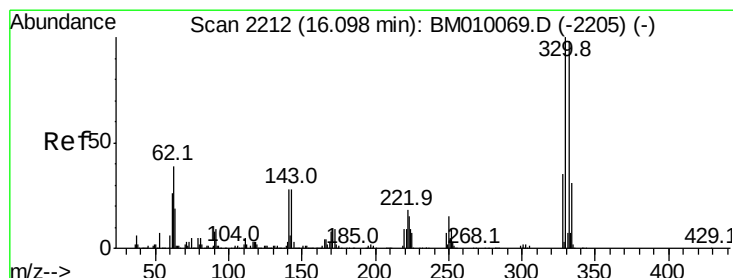
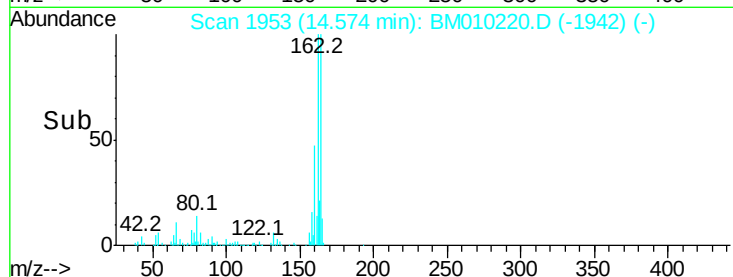
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 169.18 ng

RT: 16.07 min Scan# 2207

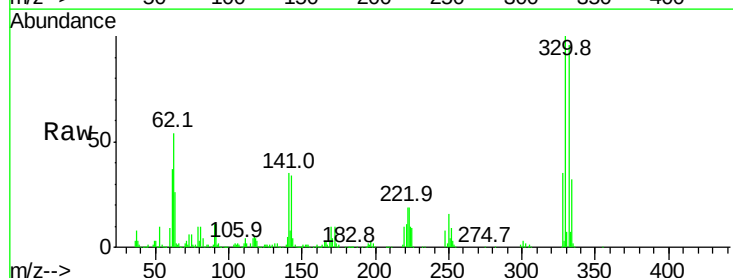
Delta R.T. -0.03 min

Lab File: BM010220.D

Acq: 25 May 2017 16:56

Tgt Ion:330 Resp: 667529

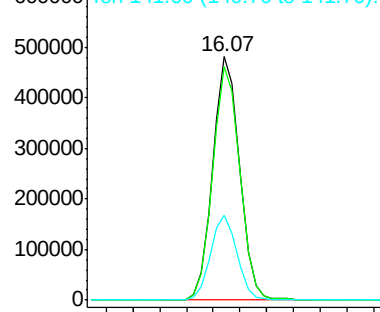
Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	34.7	0.0	0.0#



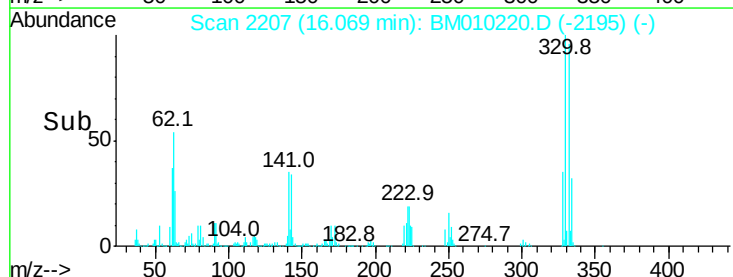
Abundance Ion 329.80 (329.50 to 330.50): E

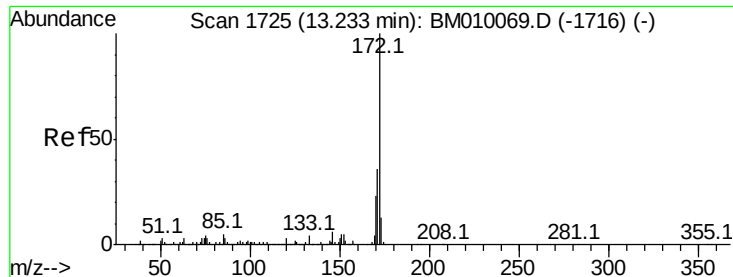
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

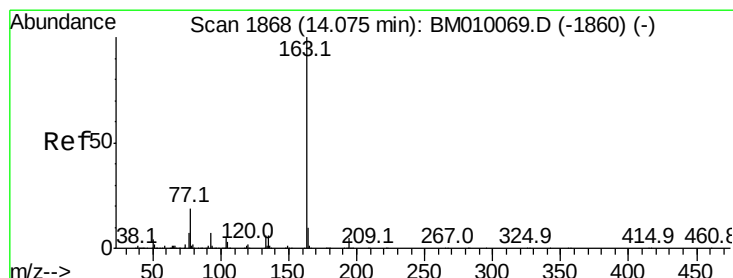
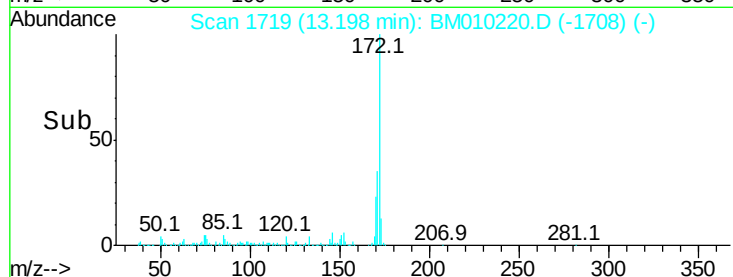
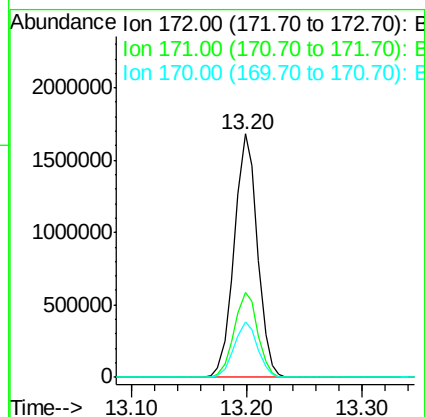
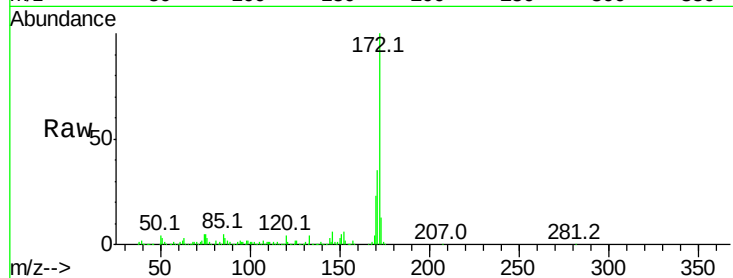




#44
2-Fluorobiphenyl
Concen: 115.71 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BM010220.D
Acq: 25 May 2017 16:56

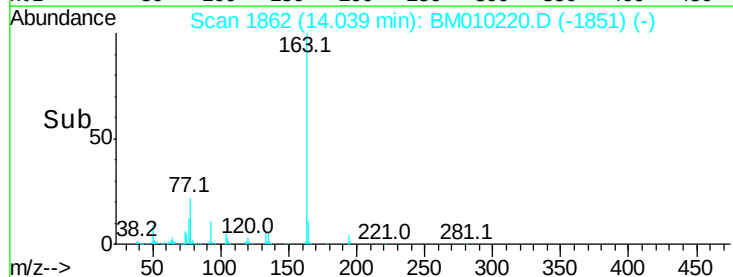
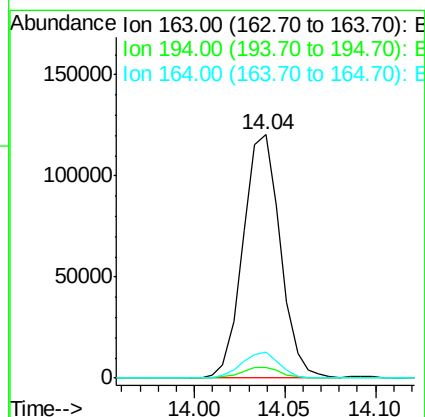
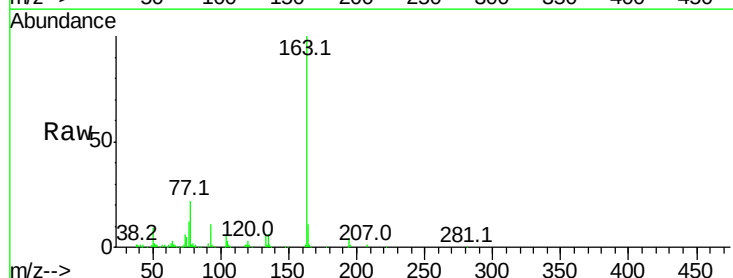
Instrument :
BNA_M
ClientSampleId :

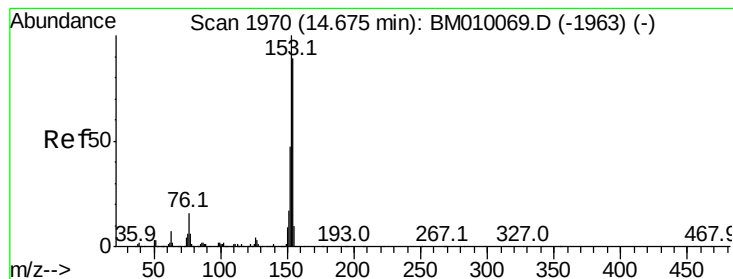
Tot Ion:172 Resp: 2338349
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.6 18.8 28.2



#49
Dimethylphthalate
Concen: 7.42 ng
RT: 14.04 min Scan# 1862
Delta R.T. -0.04 min
Lab File: BM010220.D
Acq: 25 May 2017 16:56

Tgt Ion:163 Resp: 171960
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.8 8.2 12.2





#51

Acenaphthene

Concen: 2.53 ng

RT: 14.64 min Scan# 1964

Delta R.T. -0.04 min

Lab File: BM010220.D

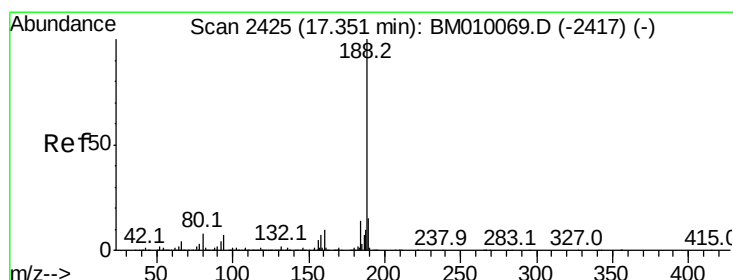
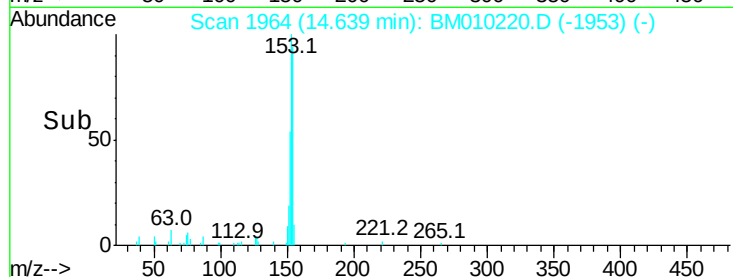
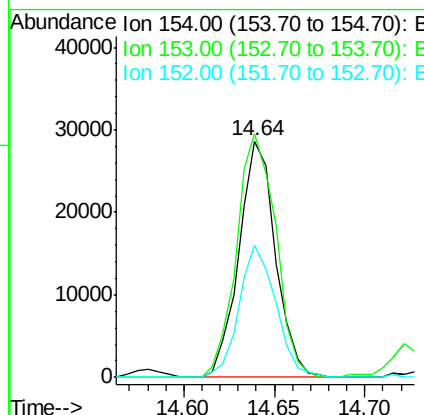
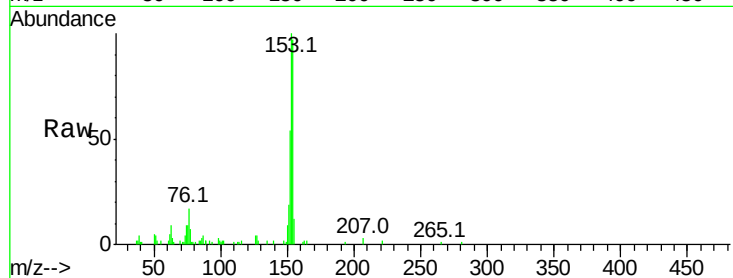
Acq: 25 May 2017 16:56

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	154	Resp:	40175
Ion	Ratio	Lower	Upper
154	100		
153	103.0	90.0	135.0
152	56.0	42.6	63.8



#63

Phenanthrene-d10

Concen: 20.00 ng

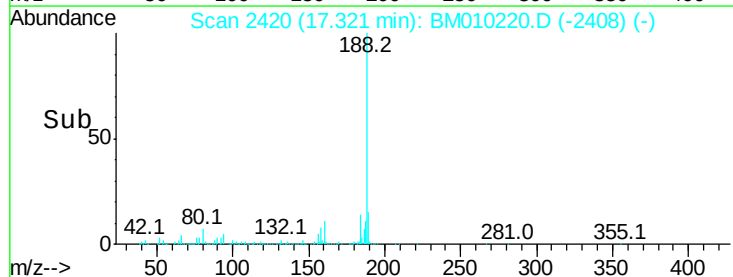
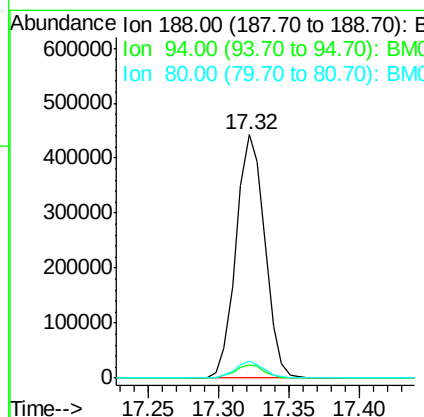
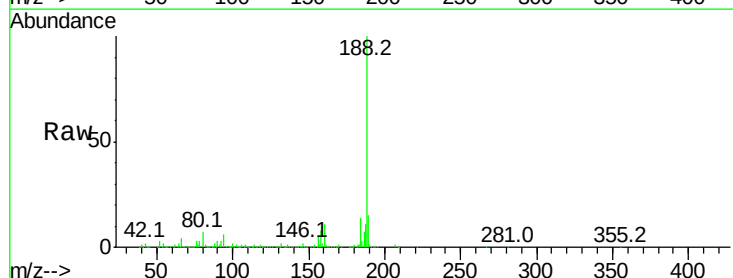
RT: 17.32 min Scan# 2420

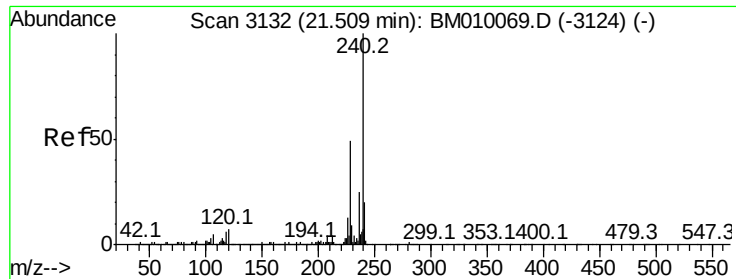
Delta R.T. -0.03 min

Lab File: BM010220.D

Acq: 25 May 2017 16:56

Tgt Ion:	188	Resp:	629268
Ion	Ratio	Lower	Upper
188	100		
94	5.5	8.7	13.1#
80	7.2	9.3	13.9#

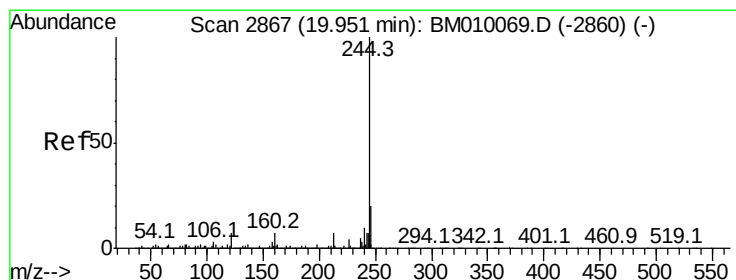
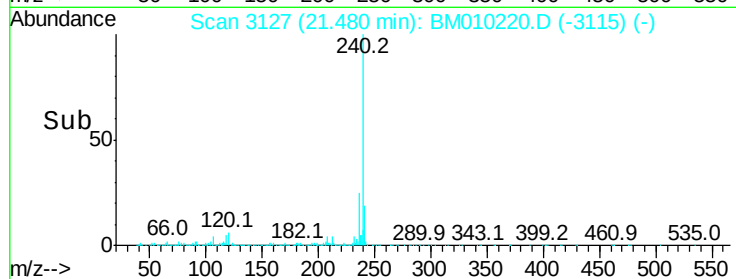
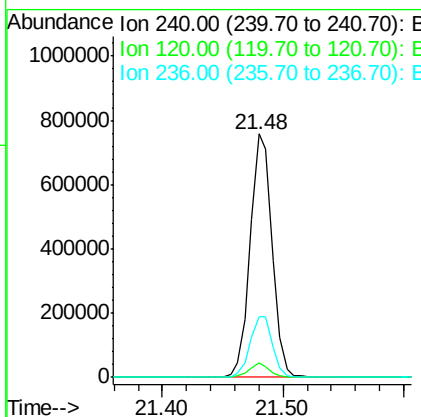
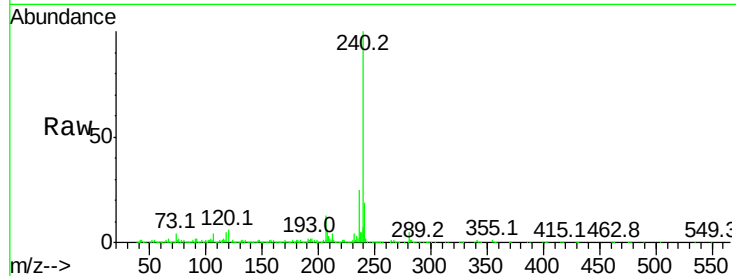




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.48 min Scan# 3127
 Delta R.T. -0.03 min
 Lab File: BM010220.D
 Acq: 25 May 2017 16:56

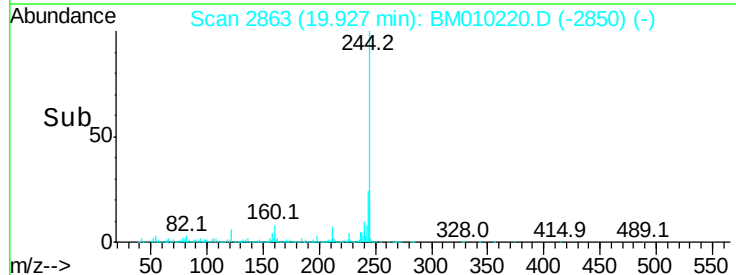
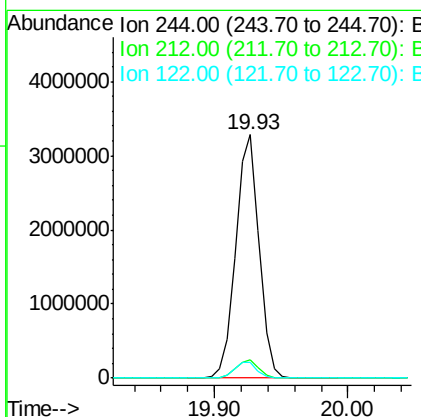
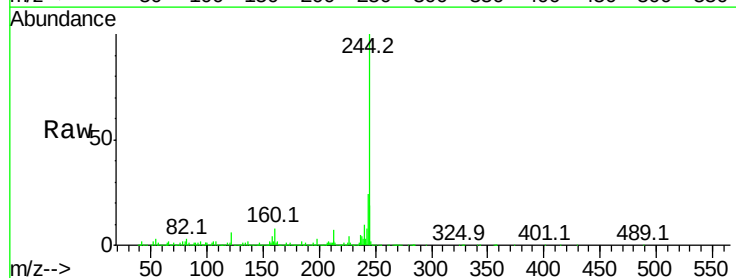
Instrument :
 BNA_M
 ClientSampleId :

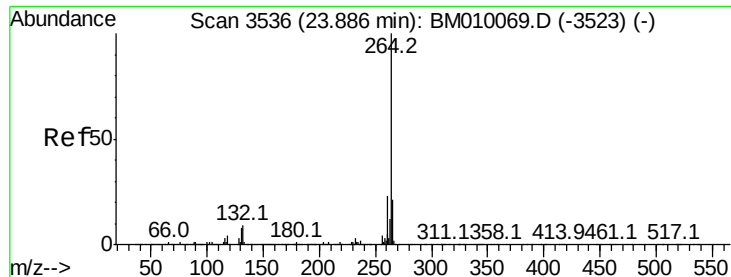
Tot Ion:240 Resp: 965166
 Ion Ratio Lower Upper
 240 100
 120 5.9 8.2 12.2#
 236 25.1 20.0 30.0



#78
 Terphenyl-d14
 Concen: 93.51 ng
 RT: 19.93 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM010220.D
 Acq: 25 May 2017 16:56

Tgt Ion:244 Resp: 3969194
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.9 7.3#
 122 6.2 6.2 9.4#



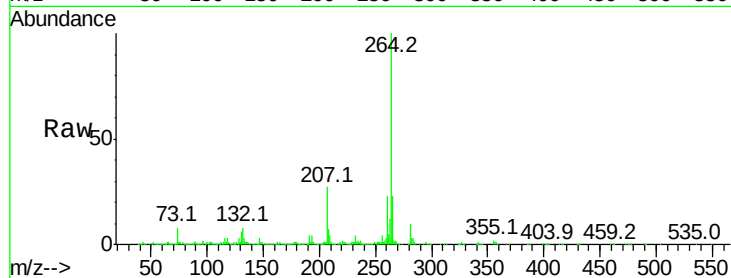


#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.84 min Scan# 3529
 Delta R.T. -0.04 min
 Lab File: BM010220.D
 Acq: 25 May 2017 16:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1077039

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.9	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

