

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052317\
 Data File : BM010168.D
 Acq On : 24 May 2017 07:23
 Operator : SJ/MA
 Sample : I3282-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 24 08:22:04 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

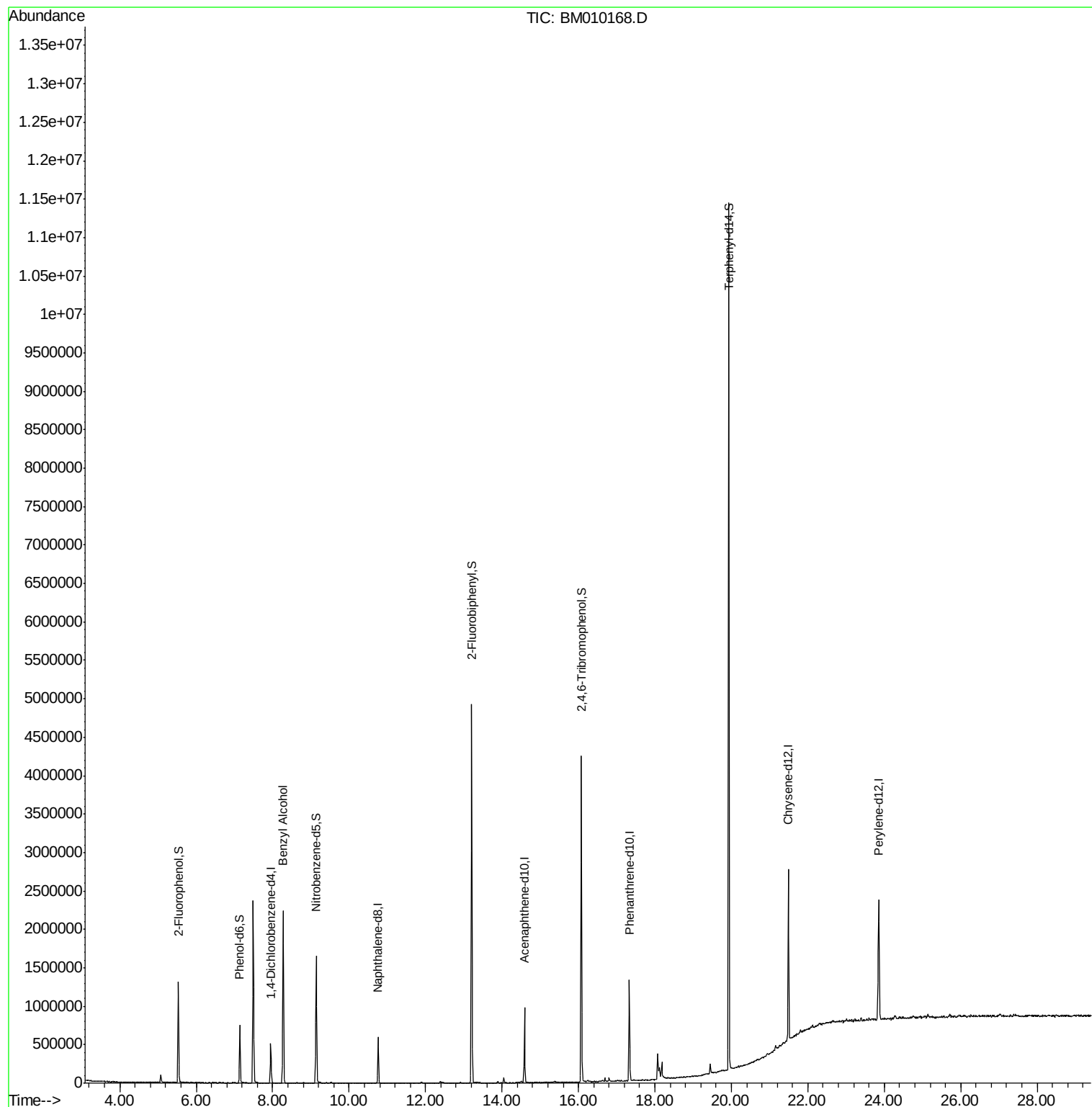
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	123404	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	443712	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	298350	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	773549	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1154708	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1264351	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	470876	68.91	ng	-0.02
7) Phenol-d6	7.14	99	358566	40.78	ng	-0.03
23) Nitrobenzene-d5	9.14	82	911316	110.81	ng	-0.03
41) 2,4,6-Tribromophenol	16.08	330	724361	159.86	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2390588	103.01	ng	-0.02
78) Terphenyl-d14	19.93	244	4627051	91.11	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.27	79	17770	2.67	ng	Qvalue # 32

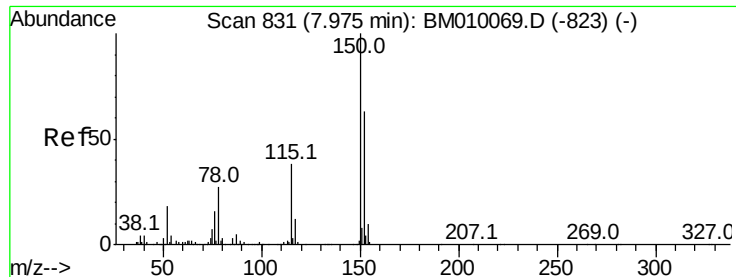
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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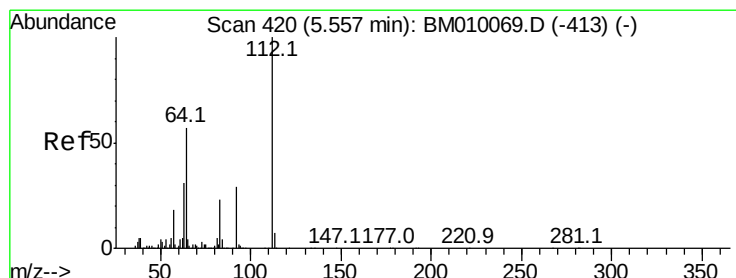
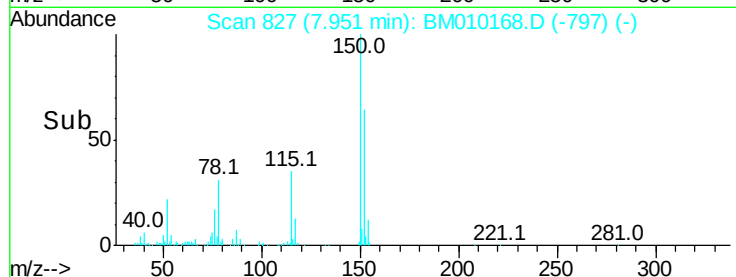
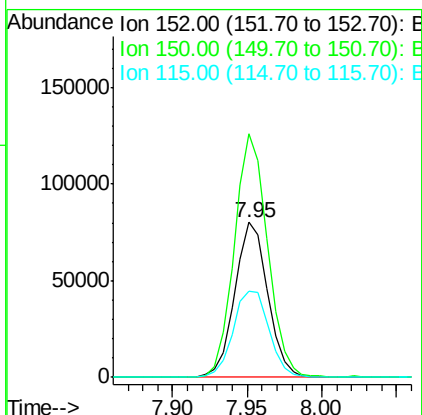
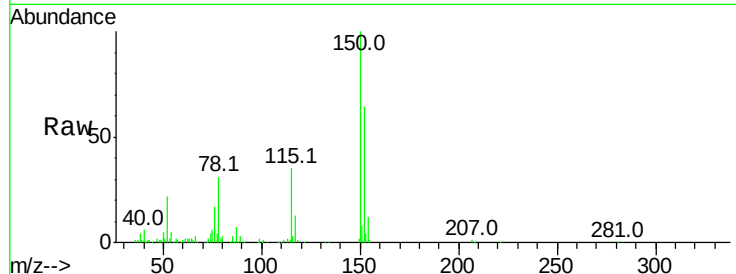


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010168.D
Acq: 24 May 2017 07:23

Instrument :
BNA_M
ClientSampleId :

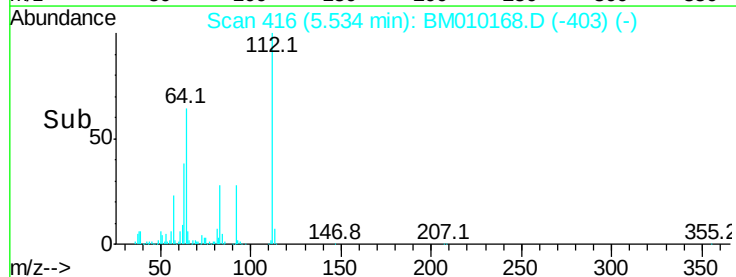
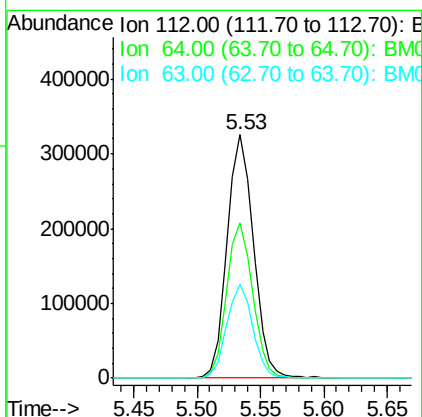
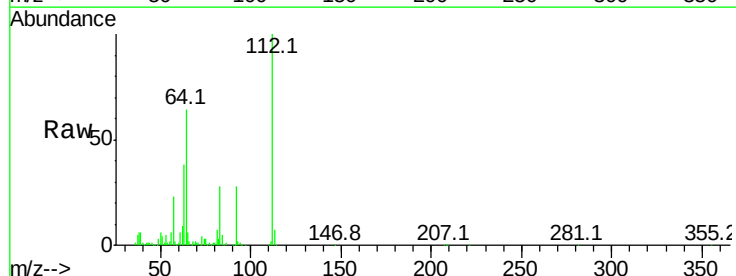
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	119.5	179.3
115	55.3	43.0	64.4

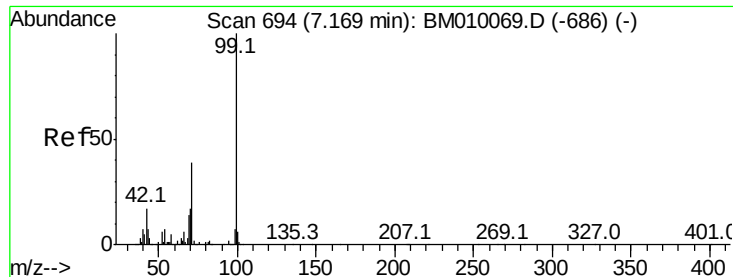


#5

2-Fluorophenol
Concen: 68.91 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010168.D
Acq: 24 May 2017 07:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	38.6	57.8#
63	38.4	19.3	28.9#





#7

Phenol-d6

Concen: 40.78 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010168.D

Acq: 24 May 2017 07:23

Instrument :

BNA_M

ClientSampleId :

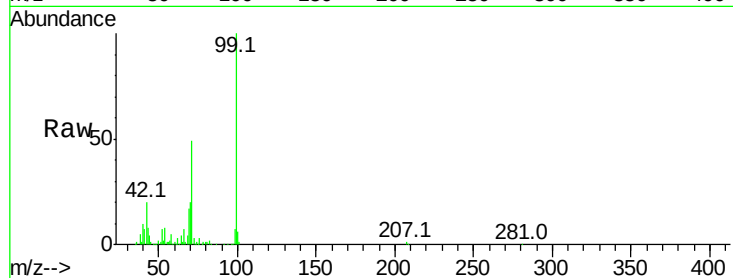
Tot Ion: 99 Resp: 358566

Ion Ratio Lower Upper

99 100

42 20.2 11.0 16.4#

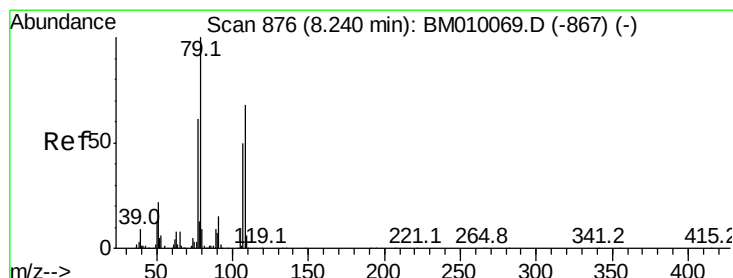
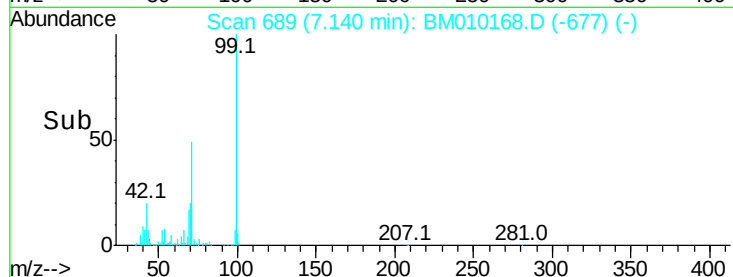
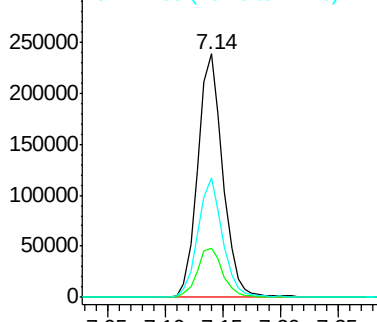
71 49.0 23.4 35.2#



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: 2.67 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.04 min

Lab File: BM010168.D

Acq: 24 May 2017 07:23

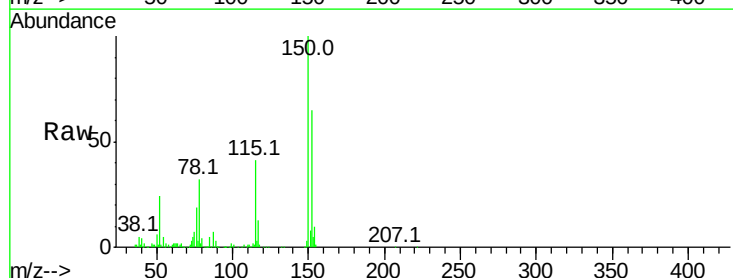
Tgt Ion: 79 Resp: 17770

Ion Ratio Lower Upper

79 100

108 40.9 65.0 97.4#

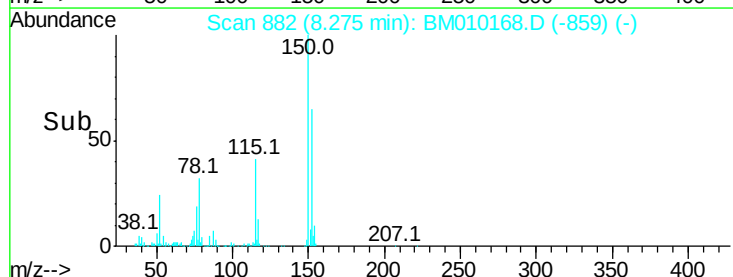
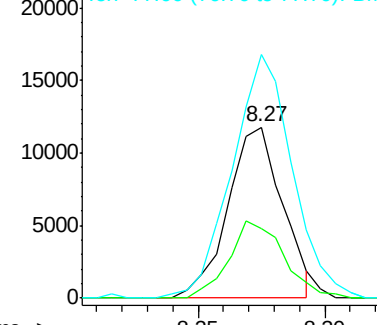
77 142.3 53.0 79.6#

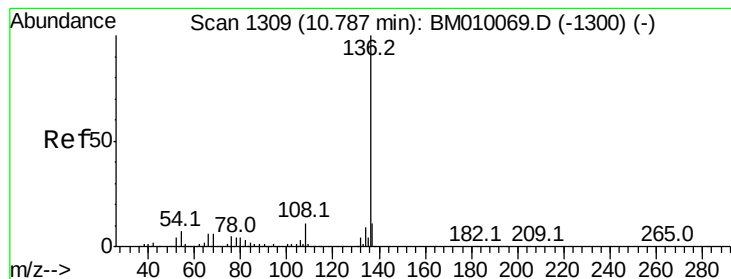


Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-867) (-)

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: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010168.D

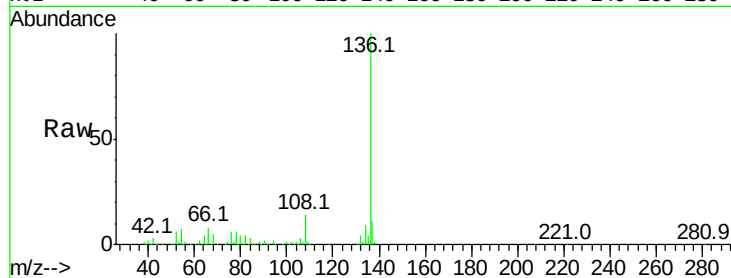
Acq: 24 May 2017 07:23

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136	Resp:	443712
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	7.1	4.6 6.8#
68	4.6	3.7 5.5

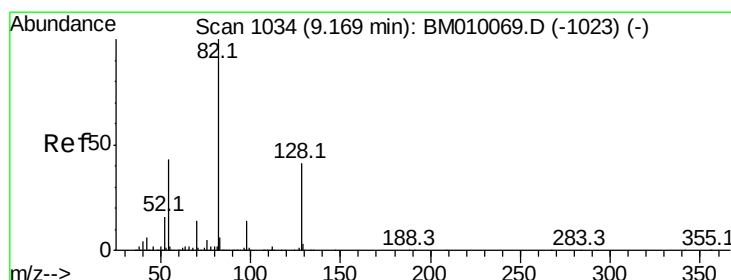
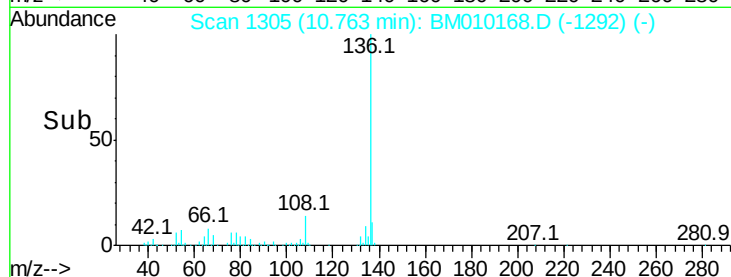
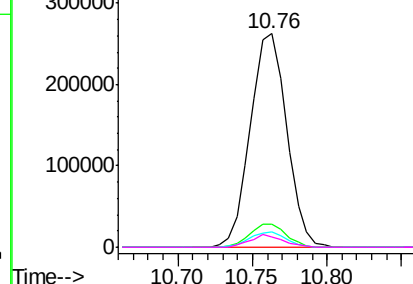


Abundance Ion 136.00 (135.70 to 136.70): E

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: 110.81 ng

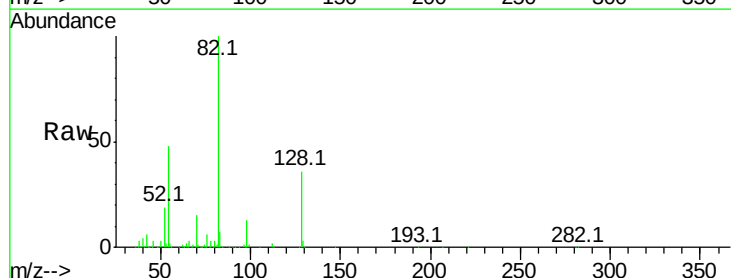
RT: 9.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BM010168.D

Acq: 24 May 2017 07:23

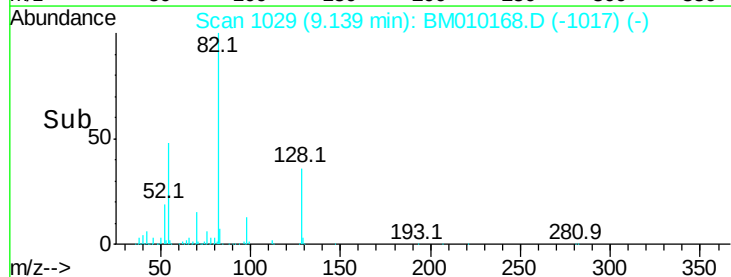
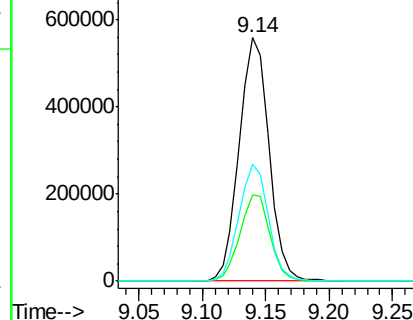
Tgt Ion: 82	Resp:	911316
Ion Ratio	Lower	Upper
82	100	
128	35.5	32.8 49.2
54	47.9	40.6 60.8

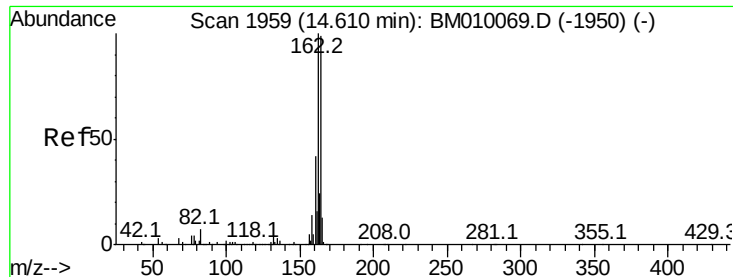


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.59 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BM010168.D

Acq: 24 May 2017 07:23

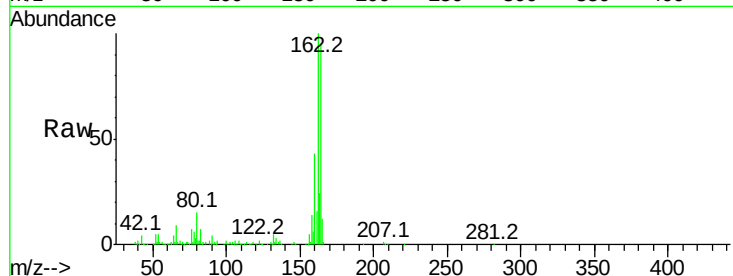
Instrument :

BNA_M

ClientSampled :

Tot Ion:164 Resp: 298350

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.4	123.6
160	45.2	35.8	53.6

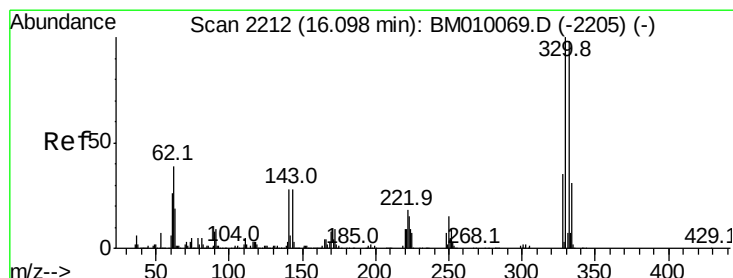
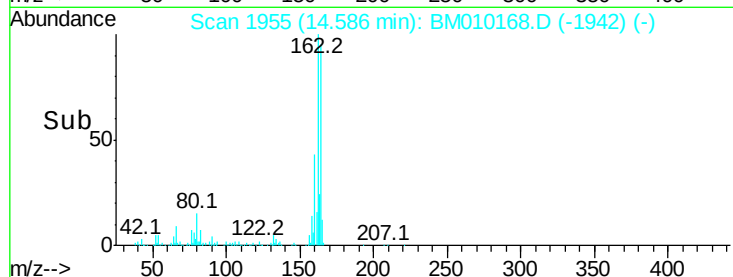
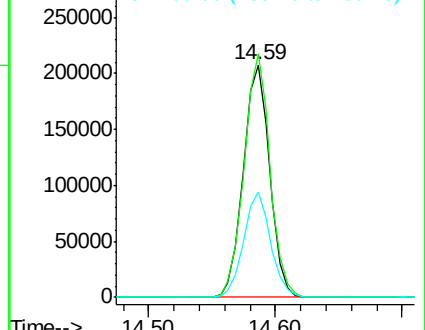


Abundance

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: 159.86 ng

RT: 16.08 min Scan# 2209

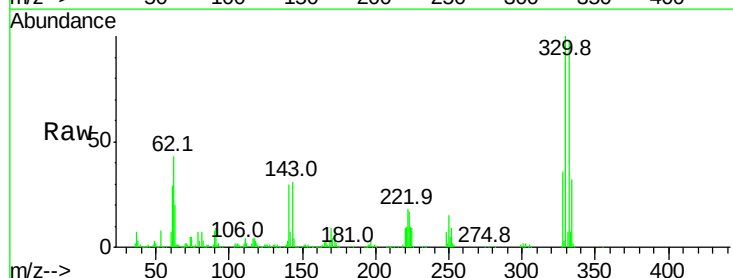
Delta R.T. -0.02 min

Lab File: BM010168.D

Acq: 24 May 2017 07:23

Tgt Ion:330 Resp: 724361

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	33.3	0.0	0.0#

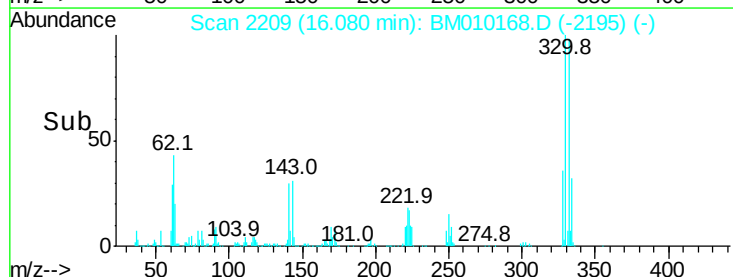
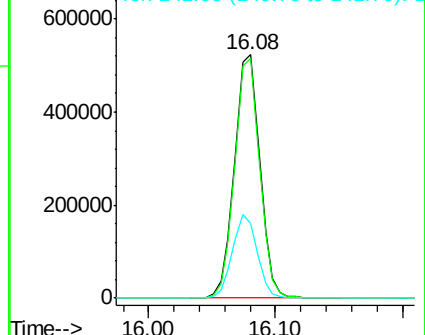


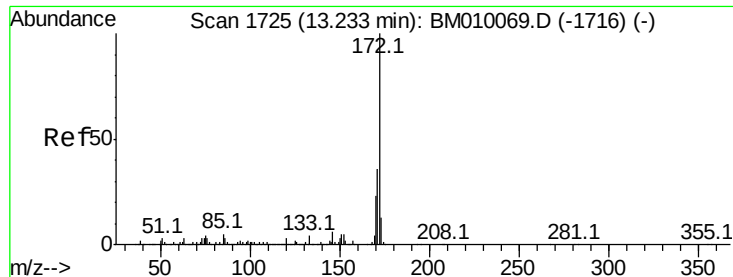
Abundance

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: 103.01 ng

RT: 13.21 min Scan# 1721

Delta R.T. -0.02 min

Lab File: BM010168.D

Acq: 24 May 2017 07:23

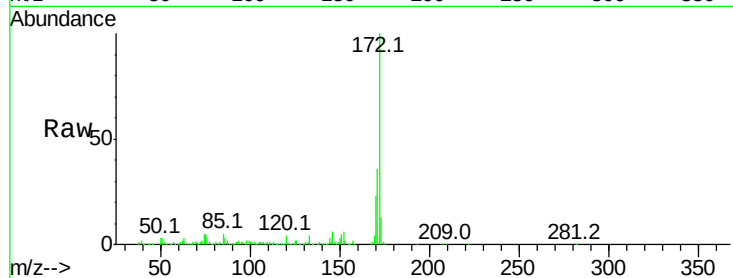
Instrument :

BNA_M

ClientSampled :

Tot Ion:172 Resp: 2390588

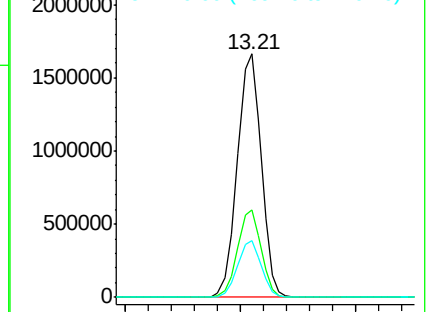
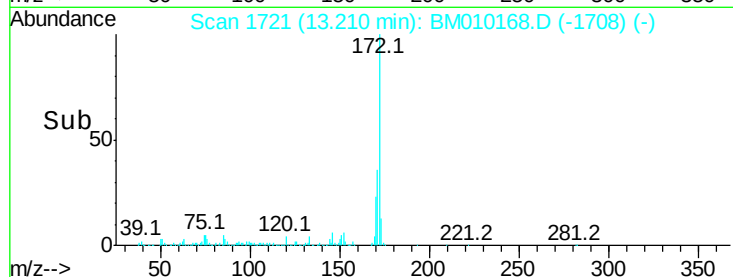
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	23.1	18.8	28.2



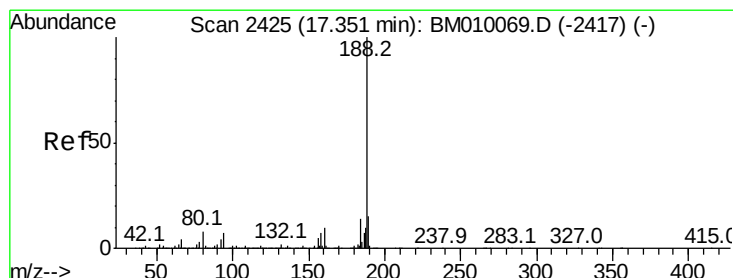
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 13.10 13.20 13.30



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2421

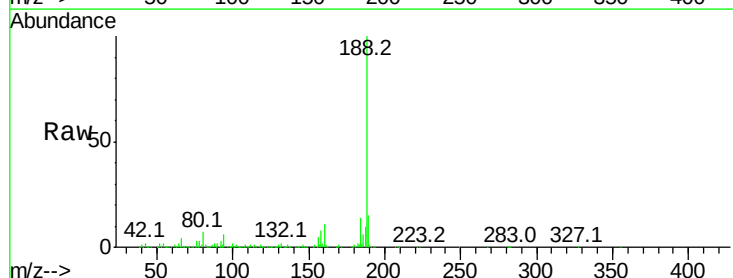
Delta R.T. -0.02 min

Lab File: BM010168.D

Acq: 24 May 2017 07:23

Tgt Ion:188 Resp: 773549

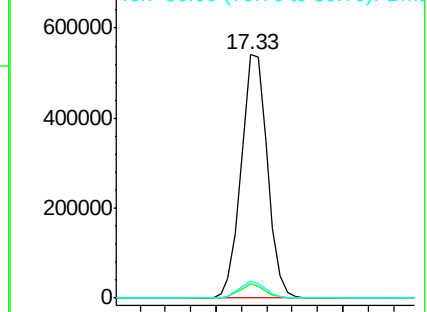
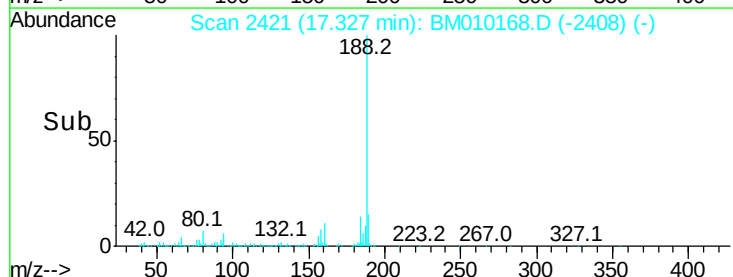
Ion	Ratio	Lower	Upper
188	100		
94	5.8	8.7	13.1#
80	6.8	9.3	13.9#



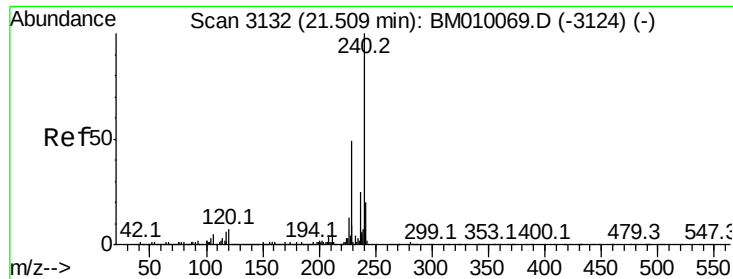
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time--> 17.30 17.40



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010168.D

Acq: 24 May 2017 07:23

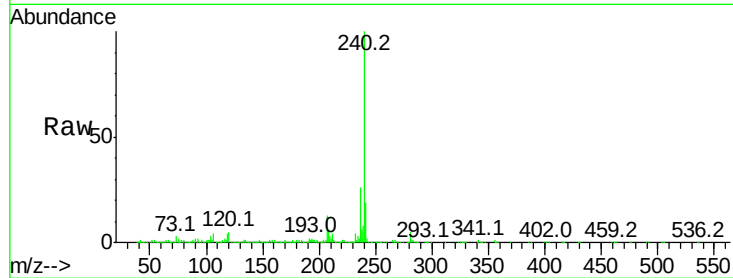
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1154708

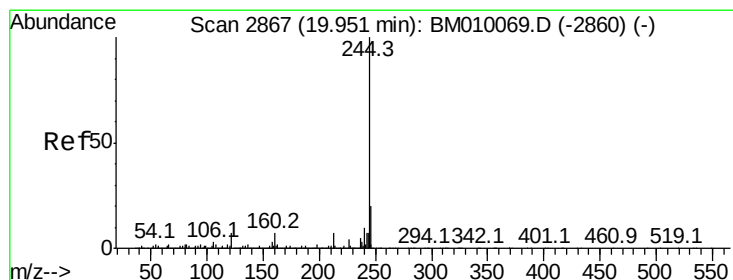
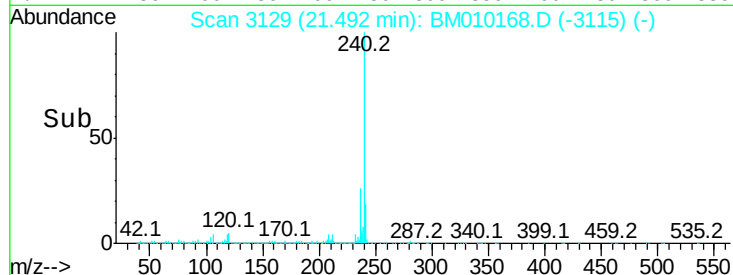
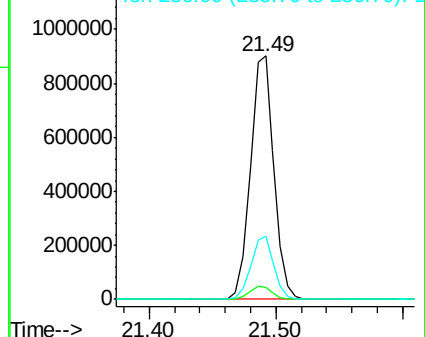
Ion	Ratio	Lower	Upper
240	100		
120	5.0	8.2	12.2#
236	25.9	20.0	30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 91.11 ng

RT: 19.93 min Scan# 2864

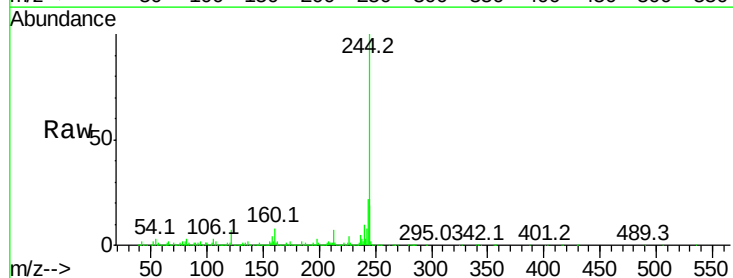
Delta R.T. -0.02 min

Lab File: BM010168.D

Acq: 24 May 2017 07:23

Tgt Ion:244 Resp: 4627051

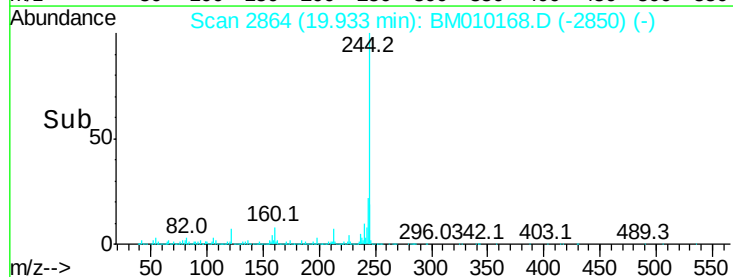
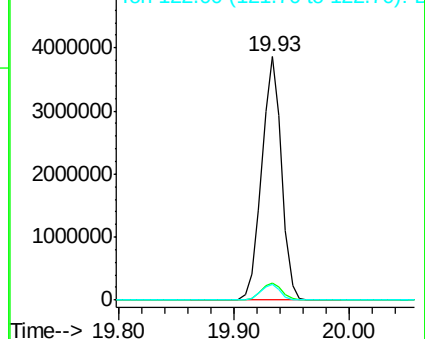
Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	6.6	6.2	9.4

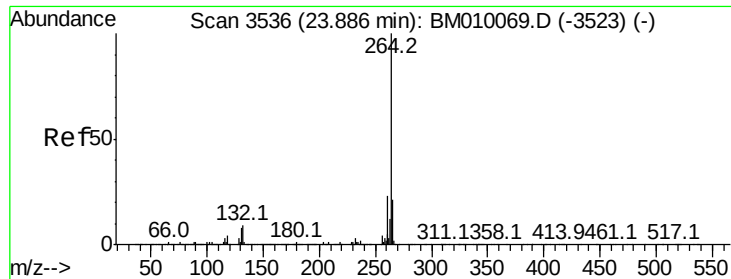


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



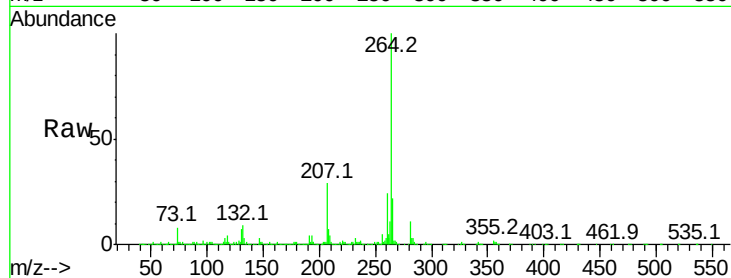


#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.85 min Scan# 3530
Delta R.T. -0.04 min
Lab File: BM010168.D
Acq: 24 May 2017 07:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1264351

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	22.2	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

