

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011025.D
 Acq On : 27 Jul 2017 23:47
 Operator : SJ/JU
 Sample : I4434-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TRT-WC-1

Quant Time: Jul 28 04:38:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

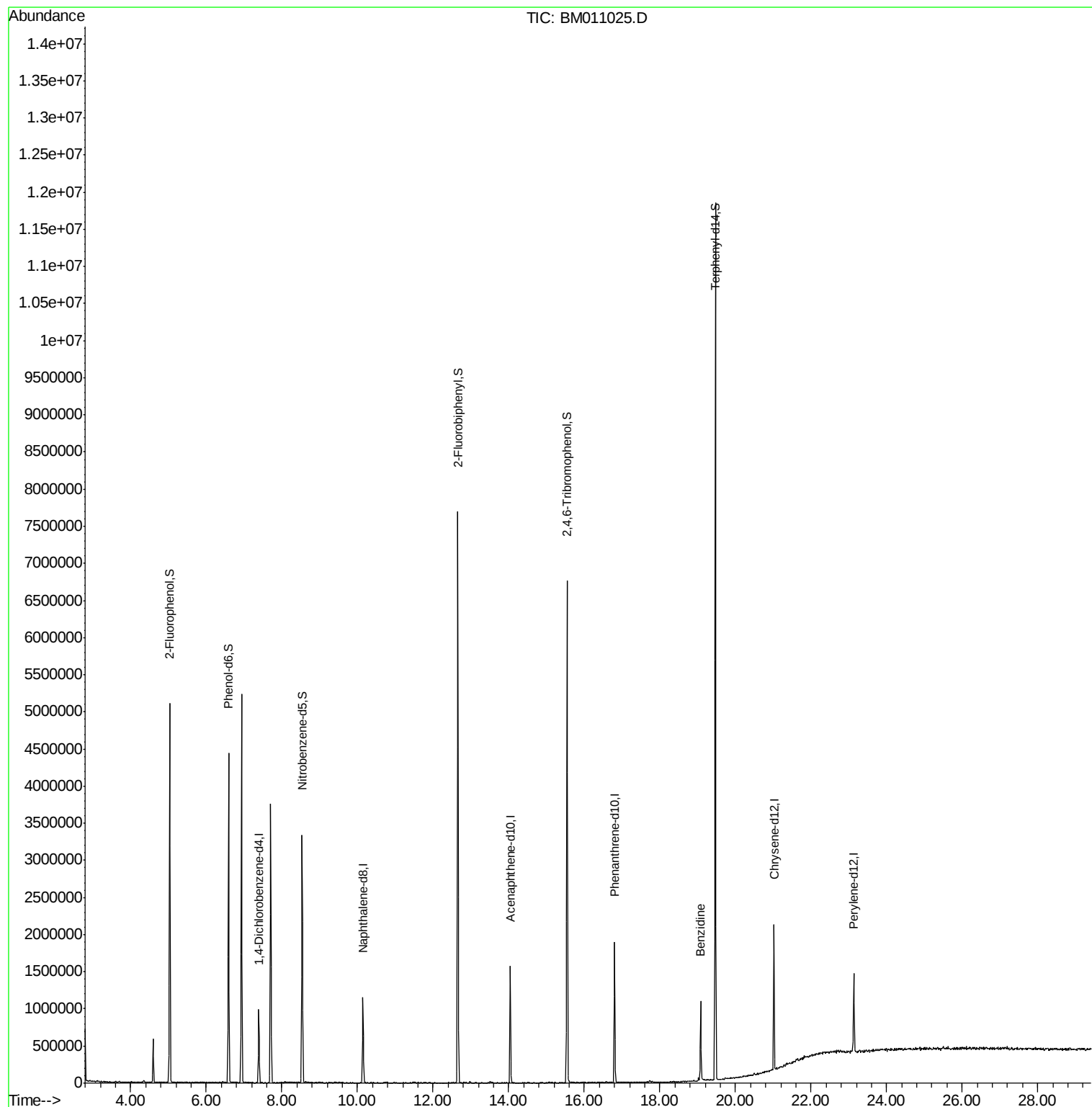
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	194306	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	689769	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	436639	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1009495	20.00	ng	0.00
75) Chrysene-d12	21.02	240	875815	20.00	ng	0.00
86) Perylene-d12	23.13	264	755290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1502539	130.72	ng	0.00
7) Phenol-d6	6.59	99	1869364	114.46	ng	0.00
23) Nitrobenzene-d5	8.53	82	1815201	98.77	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	962695	137.56	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	3262604	93.71	ng	0.00
78) Terphenyl-d14	19.47	244	4403238	99.59	ng	0.00
Target Compounds						
76) Benzidine	19.08	184	550019	26.251	ng	Qvalue 99

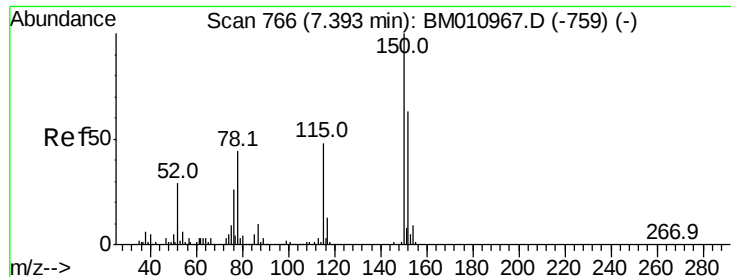
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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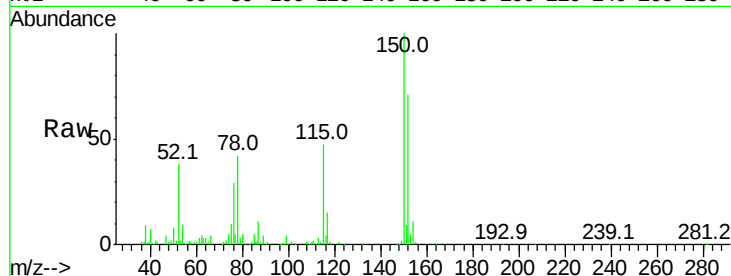


#1

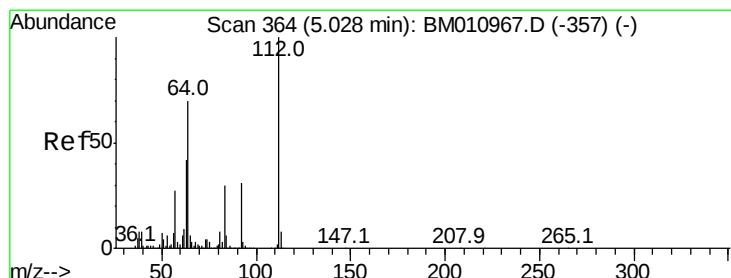
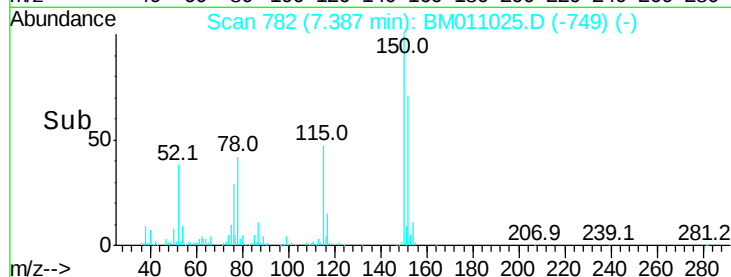
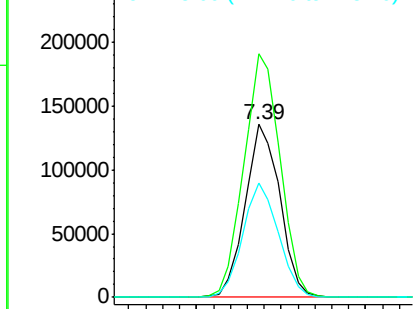
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011025.D
Acq: 27 Jul 2017 23:47

Instrument :
BNA_M
ClientSampleId :
TRT-WC-1

Tot Ion:152 Resp: 194306
Ion Ratio Lower Upper
152 100
150 141.0 119.5 179.3
115 66.6 43.0 64.4#



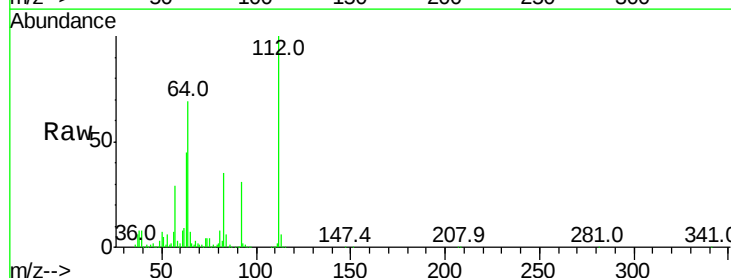
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



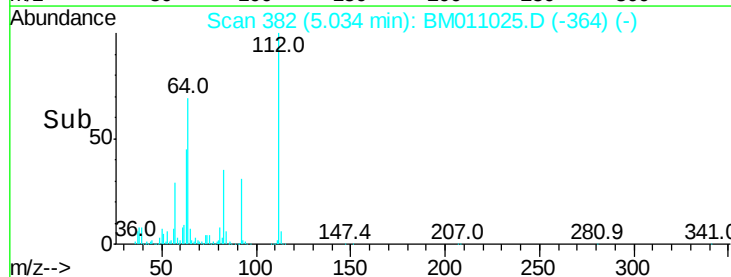
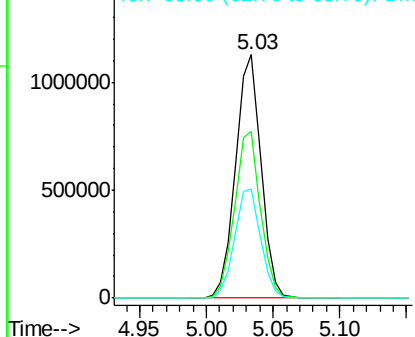
#5

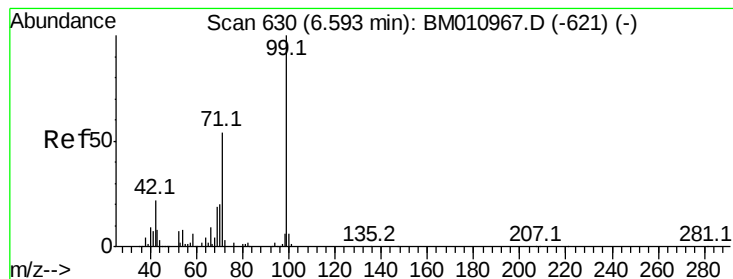
2-Fluorophenol
Concen: 130.719 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM011025.D
Acq: 27 Jul 2017 23:47

Tgt Ion:112 Resp: 1502539
Ion Ratio Lower Upper
112 100
64 68.7 38.6 57.8#
63 44.6 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: 114.464 ng

RT: 6.59 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM011025.D

Acq: 27 Jul 2017 23:47

Instrument :

BNA_M

ClientSampleId :

TRT-WC-1

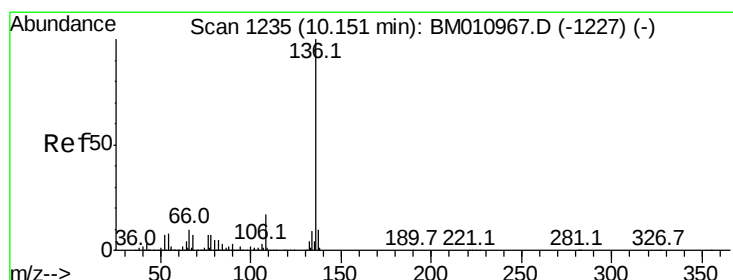
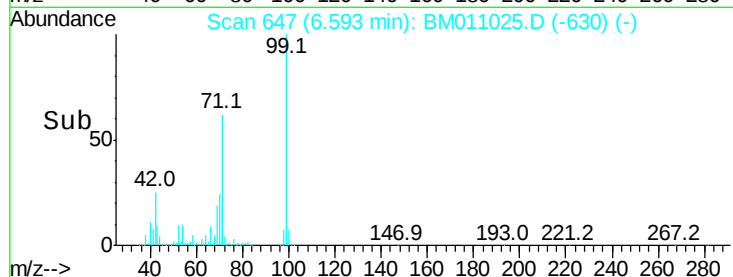
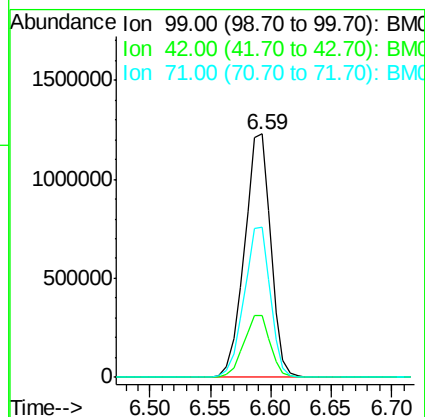
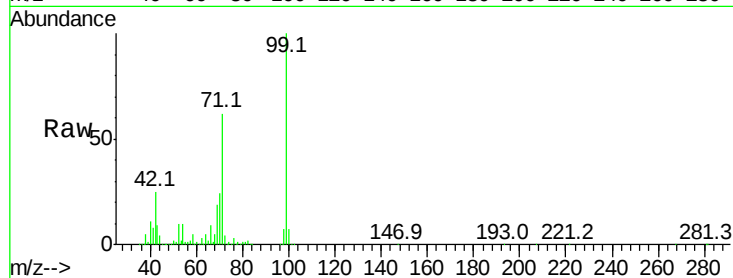
Tot Ion: 99 Resp: 1869364

Ion Ratio Lower Upper

99 100

42 25.2 11.0 16.4#

71 61.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011025.D

Acq: 27 Jul 2017 23:47

Tgt Ion:136 Resp: 689769

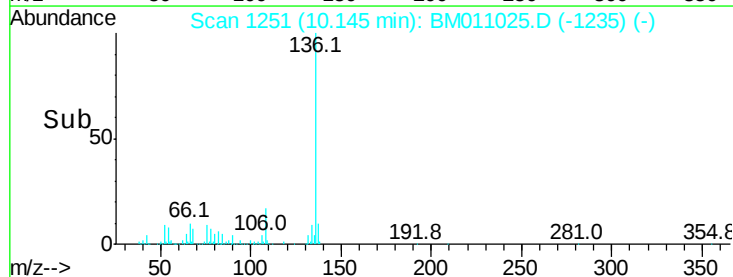
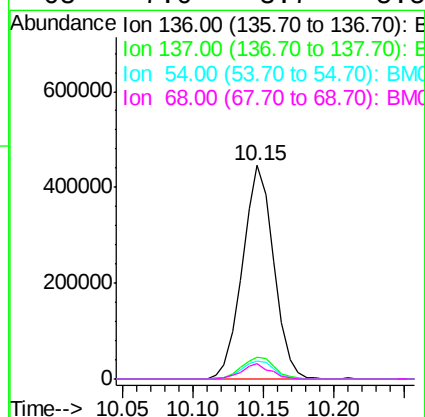
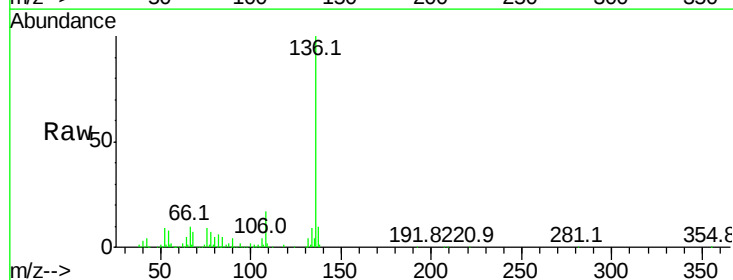
Ion Ratio Lower Upper

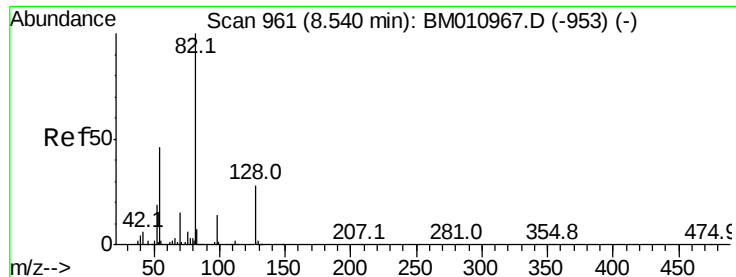
136 100

137 10.1 8.7 13.1

54 8.2 4.6 6.8#

68 7.0 3.7 5.5#

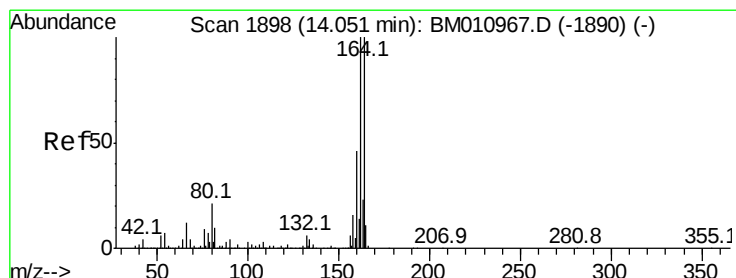
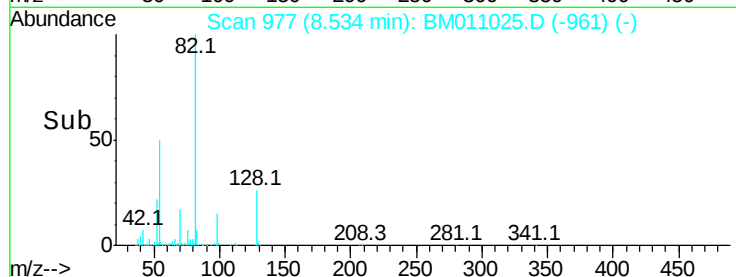
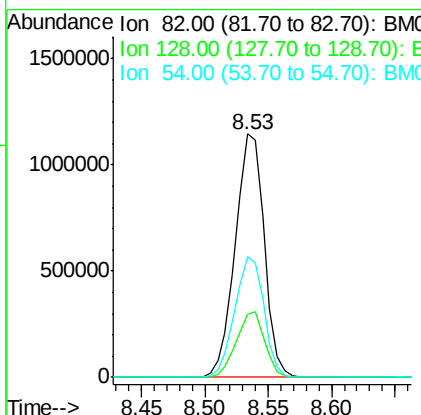
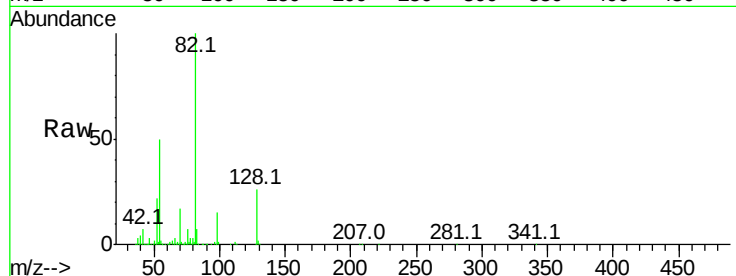




#23
Nitrobenzene-d5
Concen: 98.768 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM011025.D
Acq: 27 Jul 2017 23:47

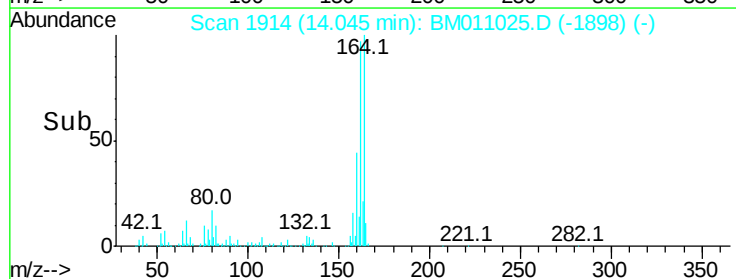
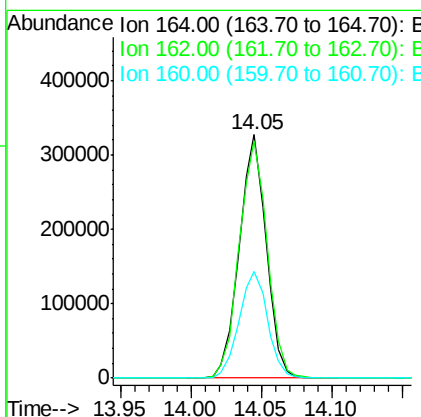
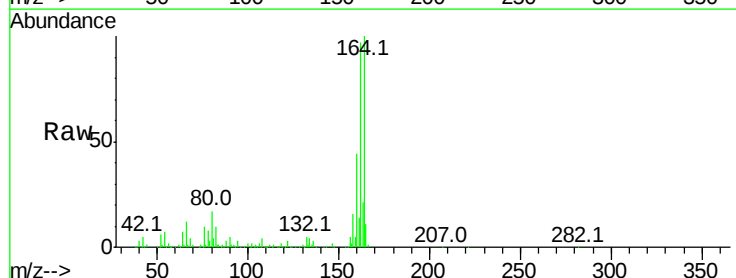
Instrument :
BNA_M
ClientSampleId :
TRT-WC-1

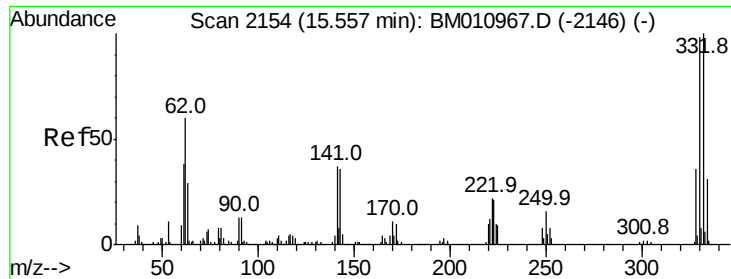
Tot Ion: 82 Resp: 1815201
Ion Ratio Lower Upper
82 100
128 26.1 32.8 49.2#
54 49.5 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.05 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM011025.D
Acq: 27 Jul 2017 23:47

Tgt Ion:164 Resp: 436639
Ion Ratio Lower Upper
164 100
162 97.2 82.4 123.6
160 43.7 35.8 53.6

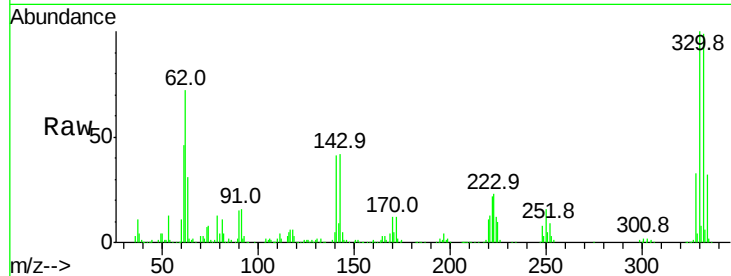




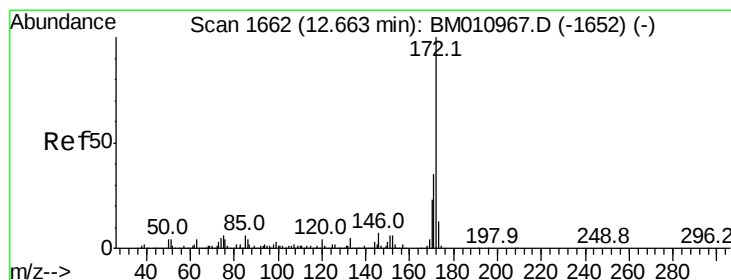
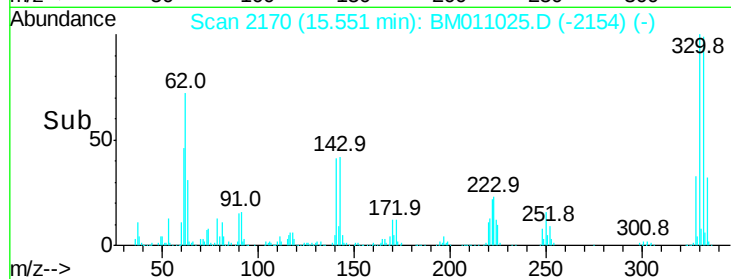
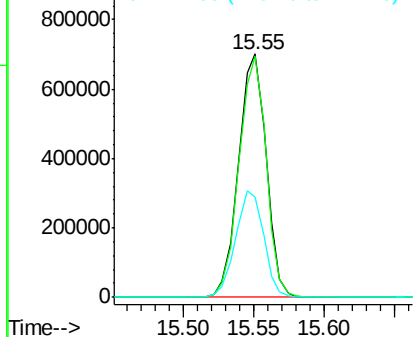
#41
 2,4,6-Tribromophenol
 Concen: 137.559 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM011025.D
 Acq: 27 Jul 2017 23:47

Instrument :
 BNA_M
 ClientSampleId :
 TRT-WC-1

Tot Ion:330 Resp: 962695
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 44.4 0.0 0.0#

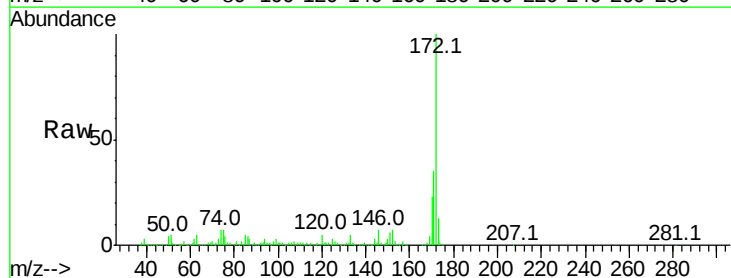


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

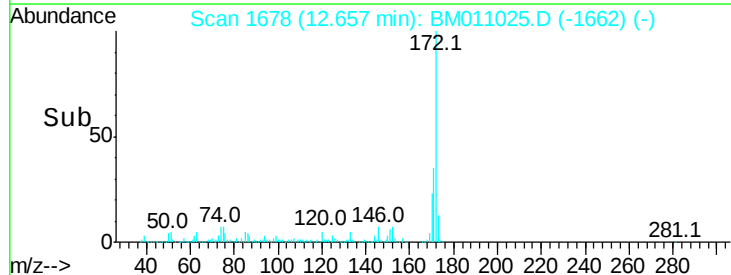
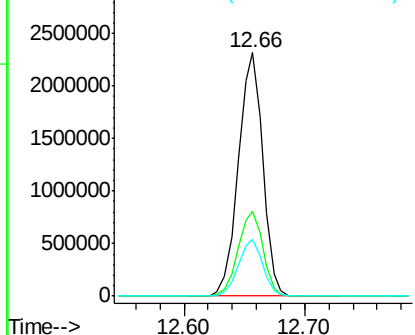


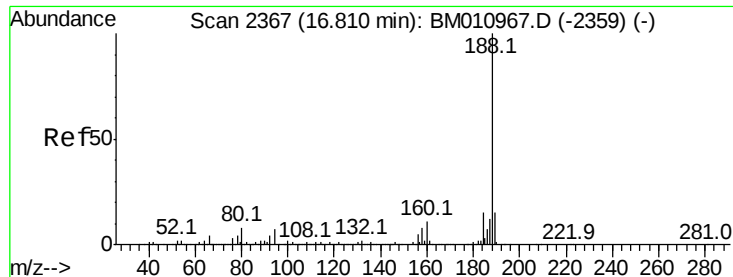
#44
 2-Fluorobiphenyl
 Concen: 93.710 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011025.D
 Acq: 27 Jul 2017 23:47

Tgt Ion:172 Resp: 3262604
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.3 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

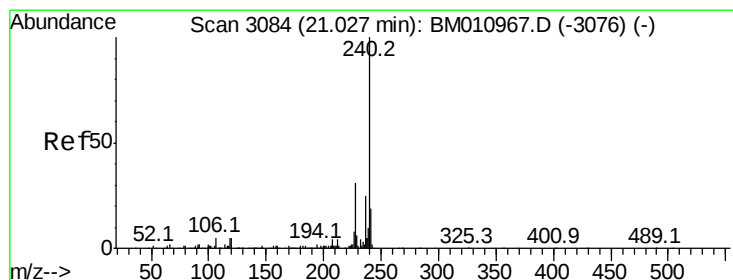
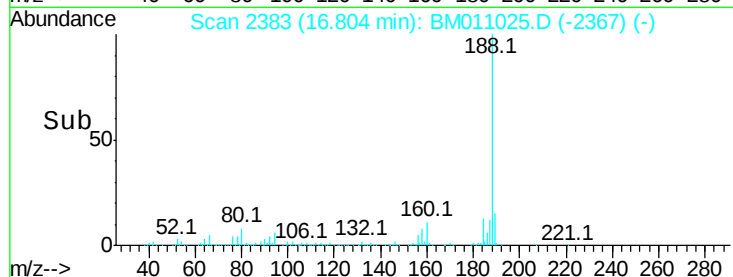
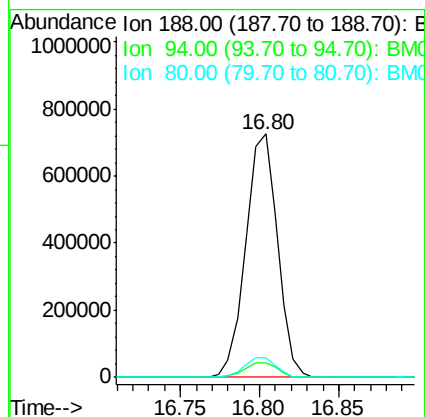
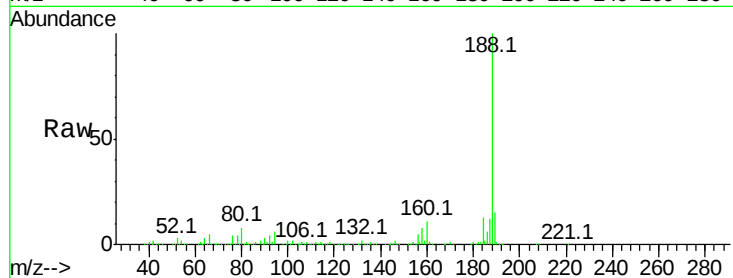




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM011025.D
Acq: 27 Jul 2017 23:47

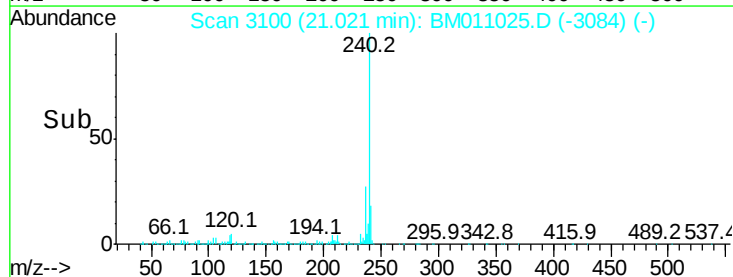
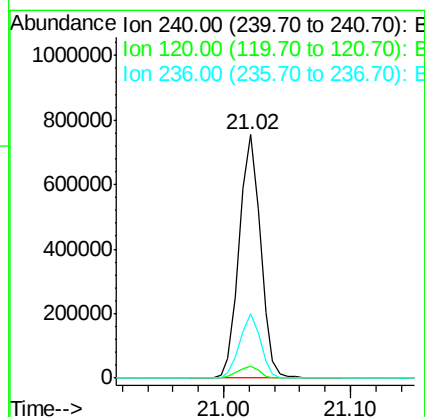
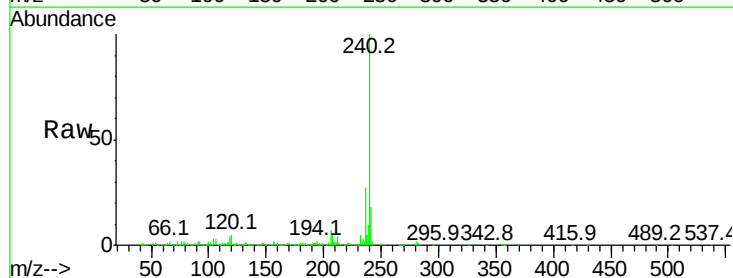
Instrument :
BNA_M
ClientSampleId :
TRT-WC-1

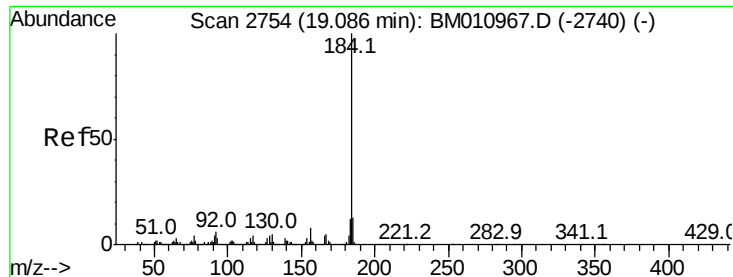
Tot Ion:188 Resp: 1009495
Ion Ratio Lower Upper
188 100
94 5.9 8.7 13.1#
80 7.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011025.D
Acq: 27 Jul 2017 23:47

Tgt Ion:240 Resp: 875815
Ion Ratio Lower Upper
240 100
120 4.7 8.2 12.2#
236 26.5 20.0 30.0





#76

Benzidine

Concen: 26.251 ng

RT: 19.08 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BM011025.D

Acq: 27 Jul 2017 23:47

Instrument :

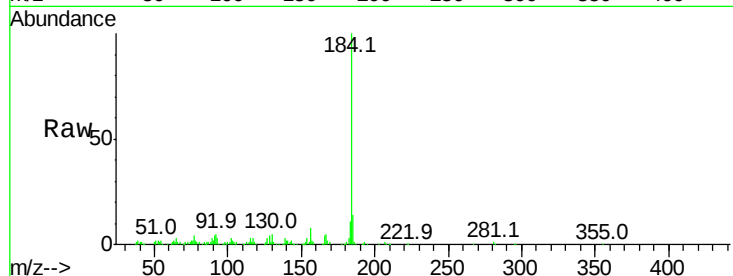
BNA_M

ClientSampleId :

TRT-WC-1

Tot Ion:184 Resp: 550019

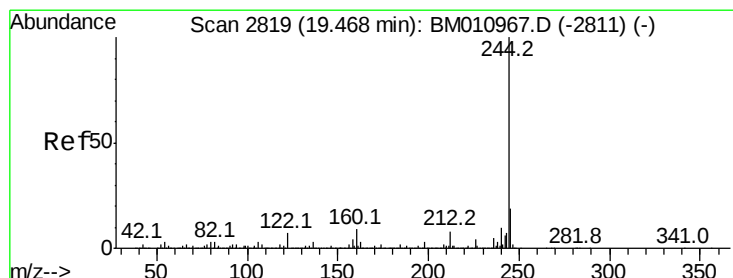
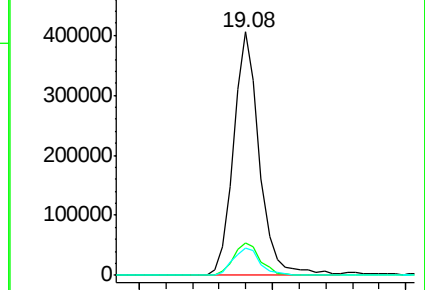
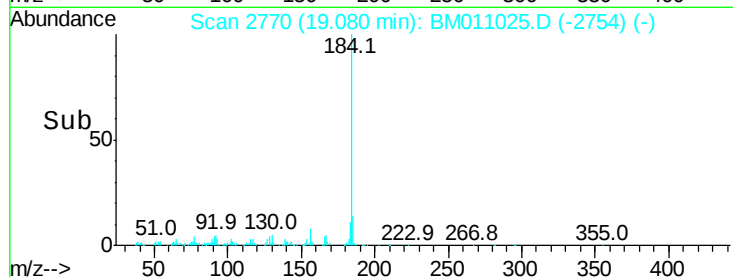
Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.3	16.9
183	11.0	8.9	13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 99.590 ng

RT: 19.47 min Scan# 2836

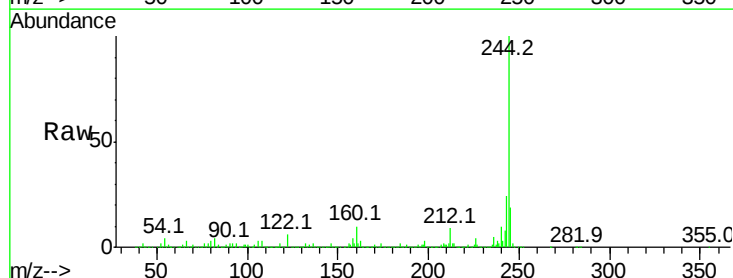
Delta R.T. -0.00 min

Lab File: BM011025.D

Acq: 27 Jul 2017 23:47

Tgt Ion:244 Resp: 4403238

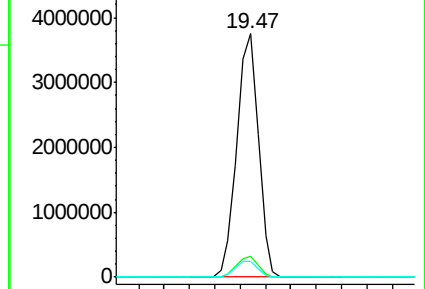
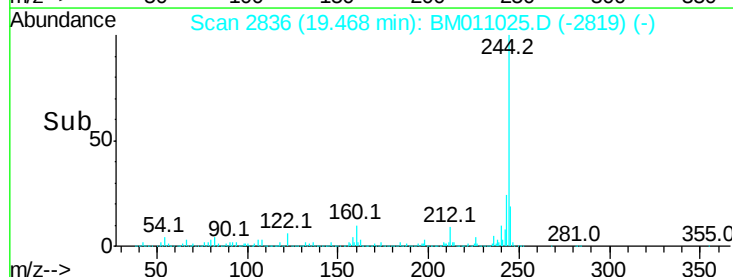
Ion	Ratio	Lower	Upper
244	100		
212	8.6	4.9	7.3#
122	6.3	6.2	9.4

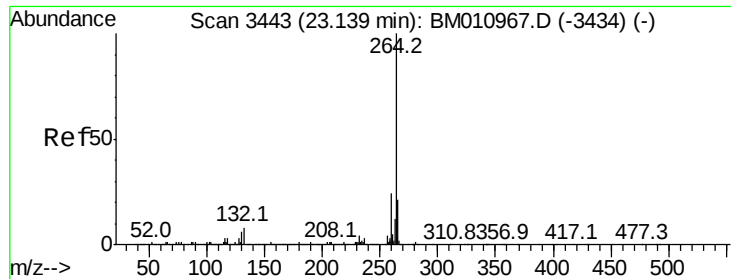


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.13 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM011025.D
Acq: 27 Jul 2017 23:47

Instrument :
BNA_M
ClientSampleId :
TRT-WC-1

Tot Ion: 264 Resp: 755290

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.1	17.3	25.9

