

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011444.D
 Acq On : 05 Sep 2017 22:26
 Operator : SJ/JU
 Sample : I5084-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP10-WC1

Quant Time: Sep 06 08:42:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	399002	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1601719	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	841094	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	1911234	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	2193056	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1948038	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	3570782	150.64	ng	0.00
7) Phenol-d6	7.13	99	4340184	132.05	ng	0.00
23) Nitrobenzene-d5	9.15	82	2623999	107.96	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1484808	152.58	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	6228605	106.75	ng	-0.01
78) Terphenyl-d14	19.96	244	9400167	106.35	ng	-0.01

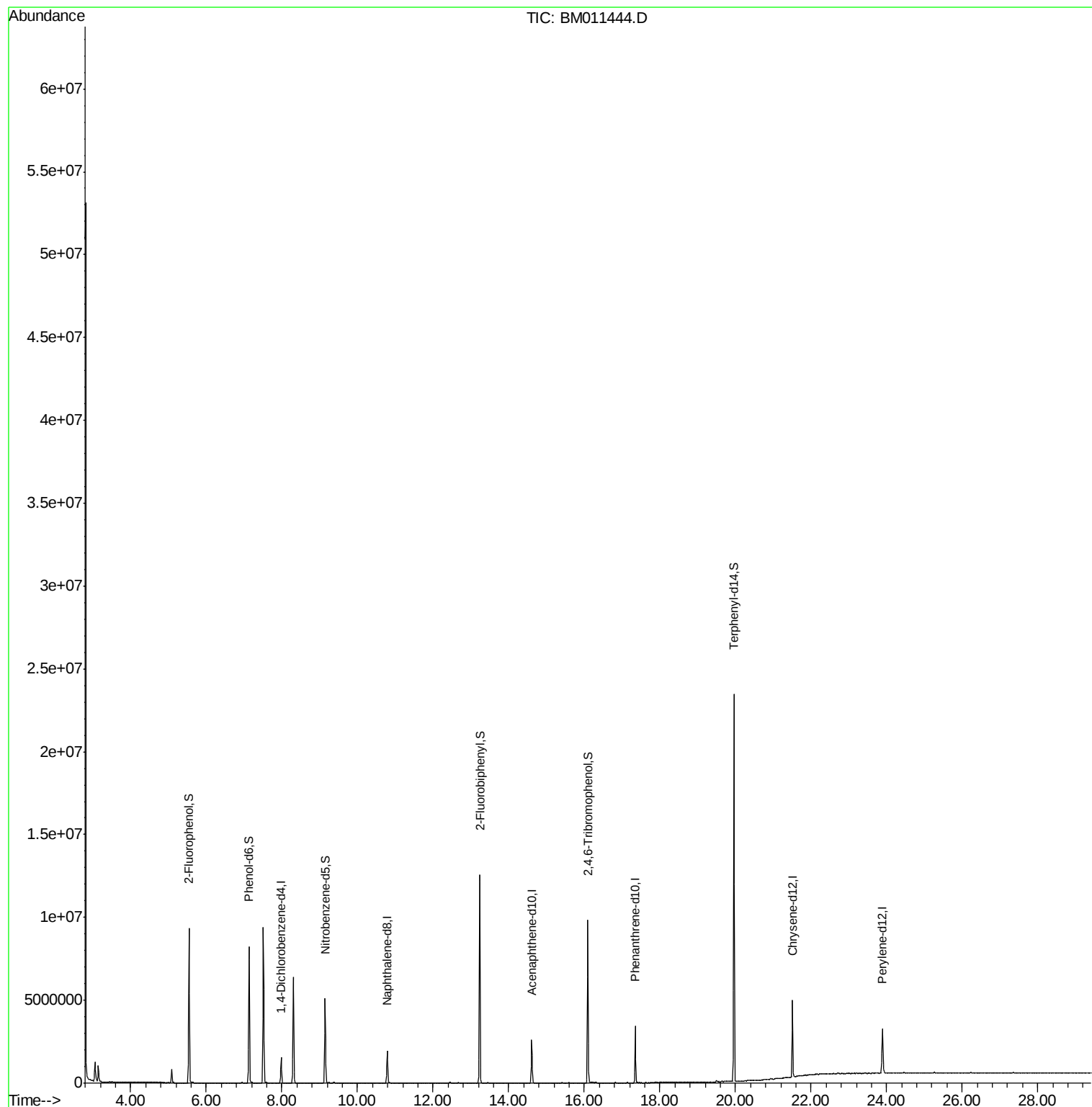
Target Compounds Qvalue

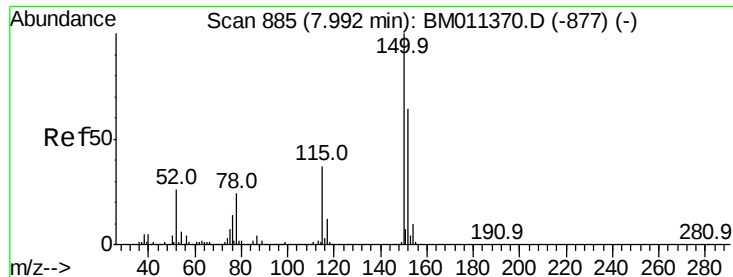
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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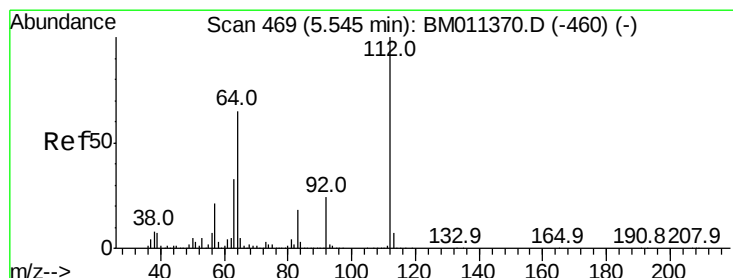
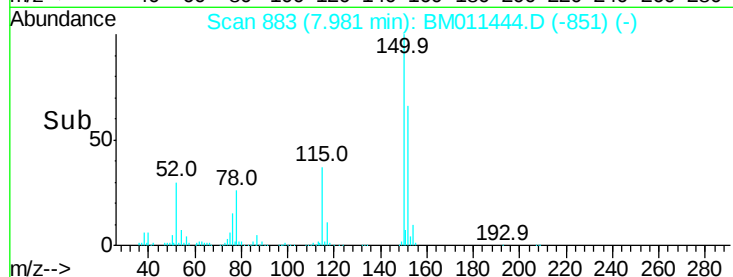
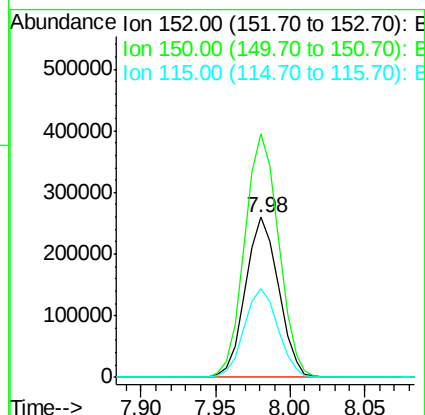
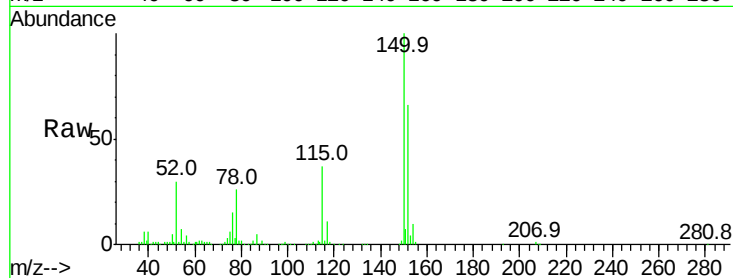


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011444.D
Acq: 05 Sep 2017 22:26

Instrument :
BNA_M
ClientSampleId :
TP10-WC1

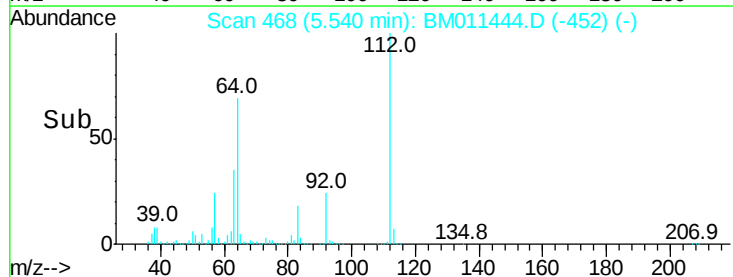
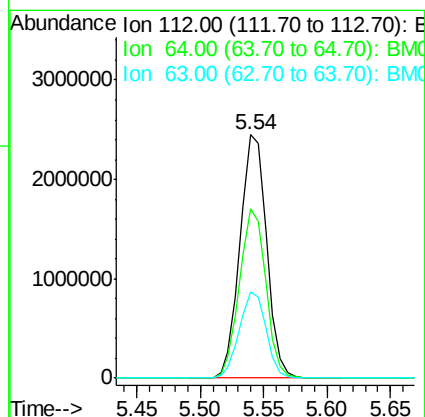
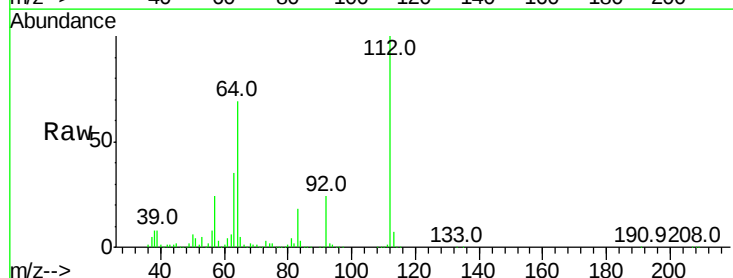
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.5	179.3
115	55.6	43.0	64.4

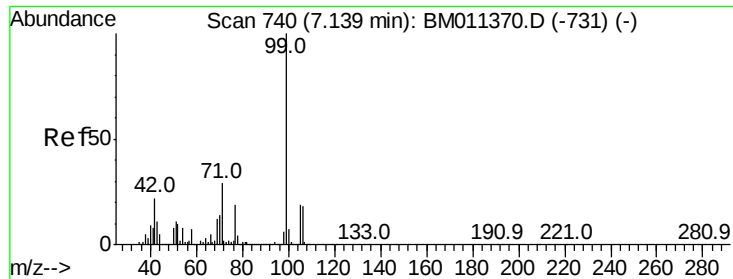


#5

2-Fluorophenol
Concen: 150.641 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011444.D
Acq: 05 Sep 2017 22:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	38.6	57.8#
63	35.5	19.3	28.9#





#7

Phenol-d6

Concen: 132.048 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011444.D

Acq: 05 Sep 2017 22:26

Instrument :

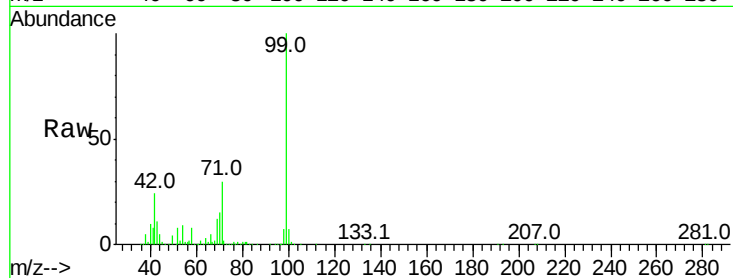
BNA_M

ClientSampleId :

TP10-WC1

Tot Ion: 99 Resp: 4340184

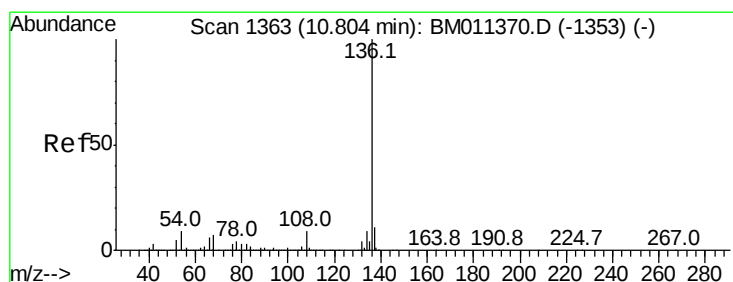
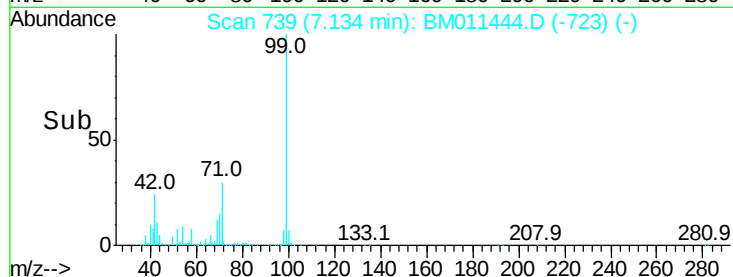
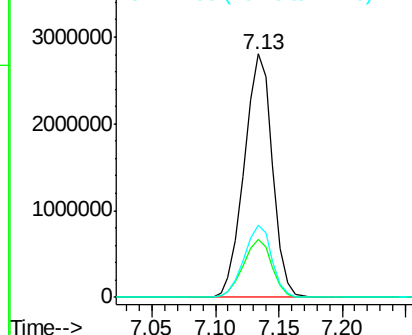
Ion	Ratio	Lower	Upper
99	100		
42	23.7	11.0	16.4#
71	29.7	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011370.D (-731) (-)

Ion 42.00 (41.70 to 42.70): BM011370.D (-731) (-)

Ion 71.00 (70.70 to 71.70): BM011370.D (-731) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

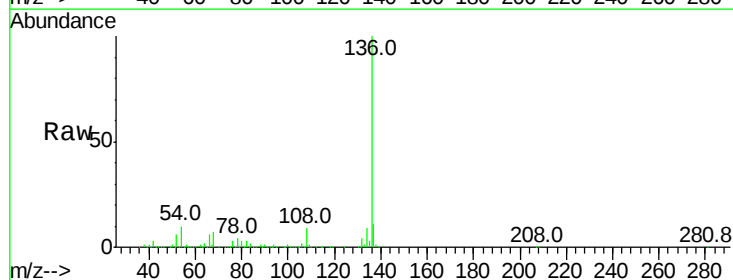
Delta R.T. -0.02 min

Lab File: BM011444.D

Acq: 05 Sep 2017 22:26

Tgt Ion: 136 Resp: 1601719

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.8	4.6	6.8#
68	7.1	3.7	5.5#

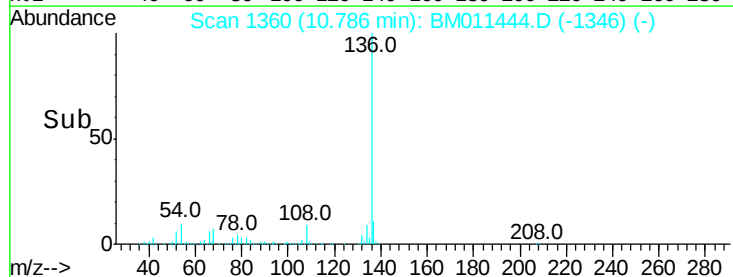
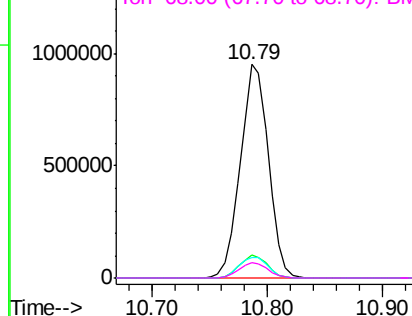


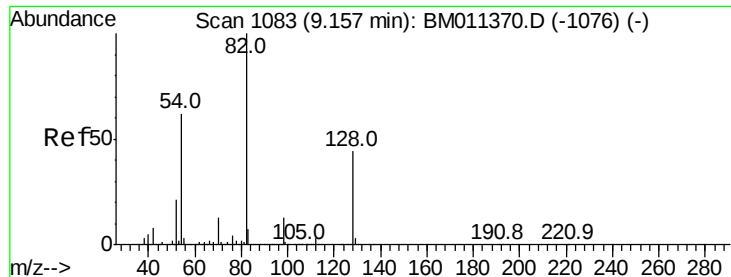
Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

Ion 137.00 (136.70 to 137.70): BM011370.D (-1353) (-)

Ion 54.00 (53.70 to 54.70): BM011370.D (-1353) (-)

Ion 68.00 (67.70 to 68.70): BM011370.D (-1353) (-)

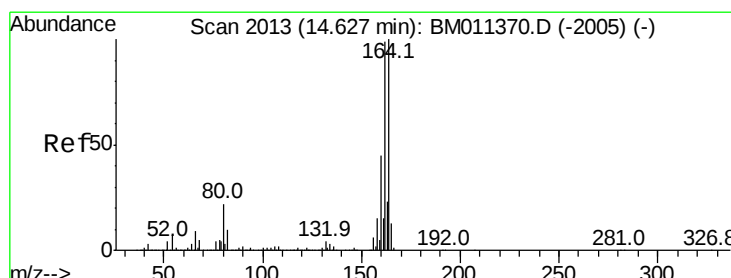
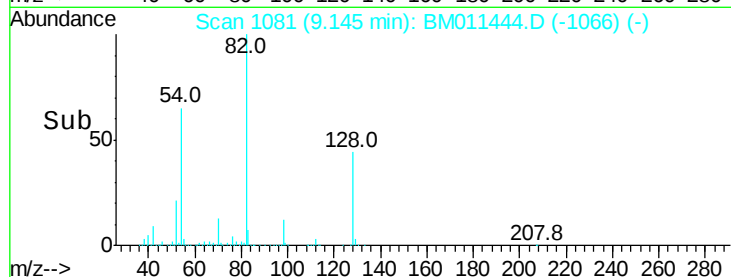
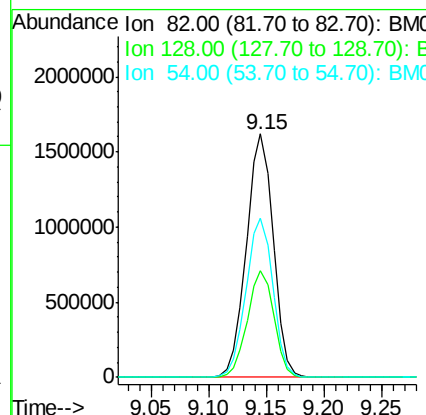
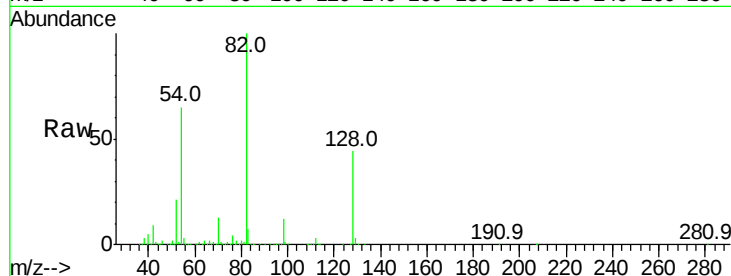




#23
 Nitrobenzene-d5
 Concen: 107.957 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011444.D
 Acq: 05 Sep 2017 22:26

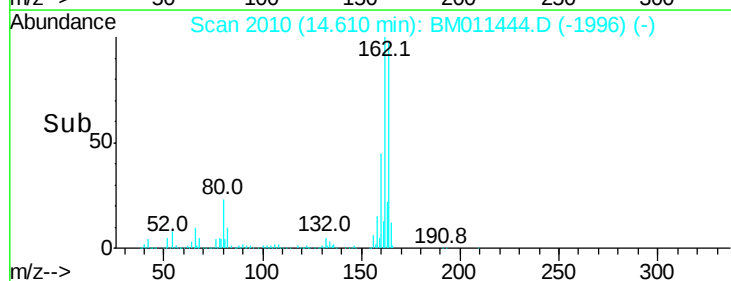
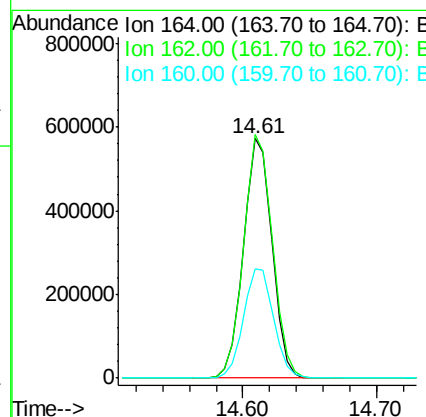
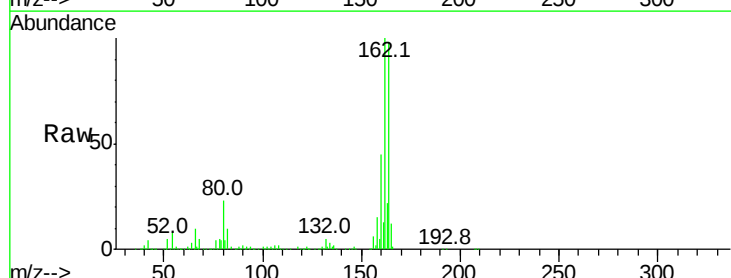
Instrument :
 BNA_M
 ClientSampled :
 TP10-WC1

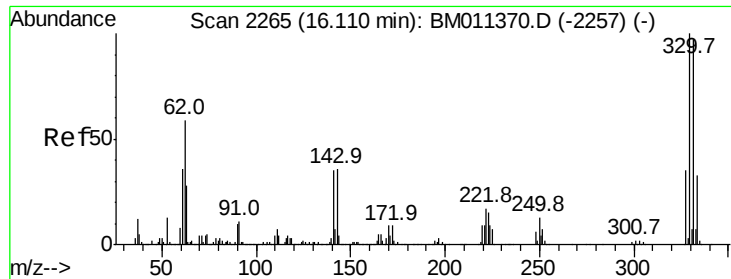
Tot Ion: 82 Resp: 2623999
 Ion Ratio Lower Upper
 82 100
 128 43.7 32.8 49.2
 54 65.5 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BM011444.D
 Acq: 05 Sep 2017 22:26

Tgt Ion:164 Resp: 841094
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.4 123.6
 160 45.9 35.8 53.6

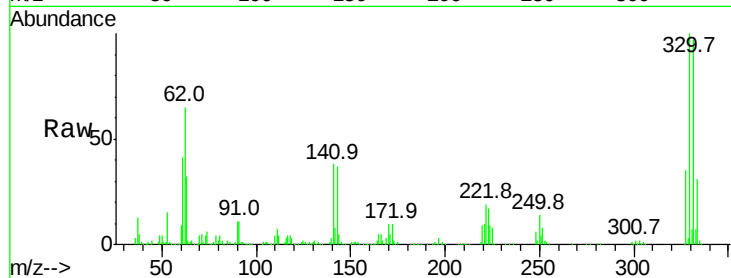




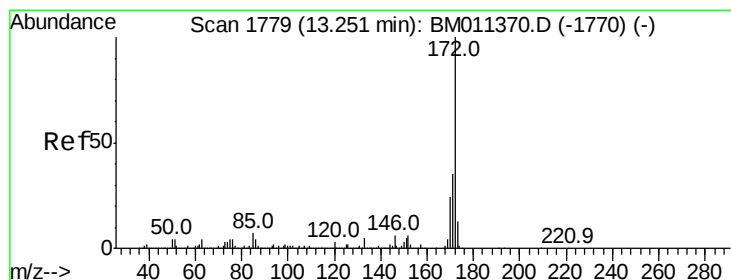
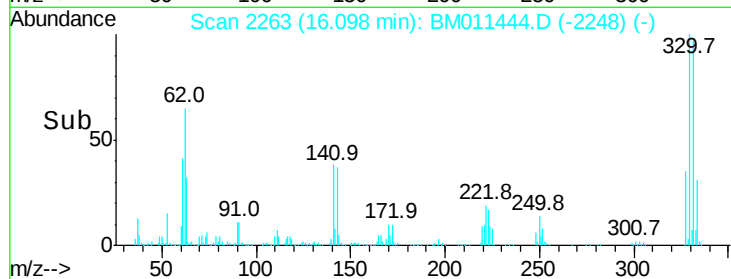
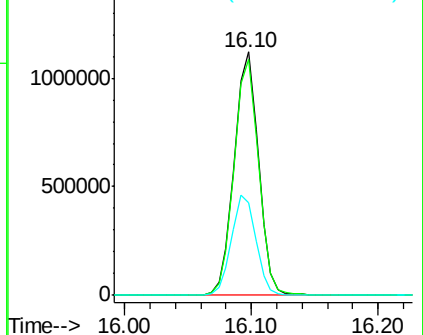
#41
 2,4,6-Tribromophenol
 Concen: 152.584 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011444.D
 Acq: 05 Sep 2017 22:26

Instrument :
 BNA_M
 ClientSampleId :
 TP10-WC1

Tot Ion:330 Resp: 1484808
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 41.6 0.0 0.0#

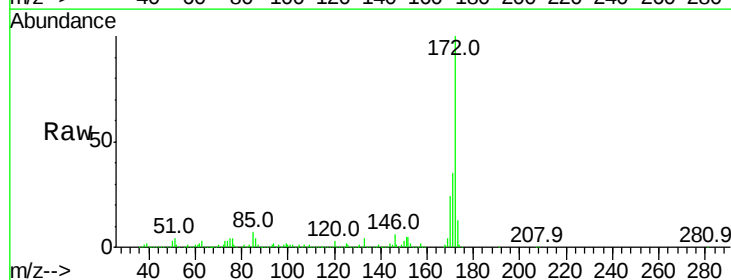


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

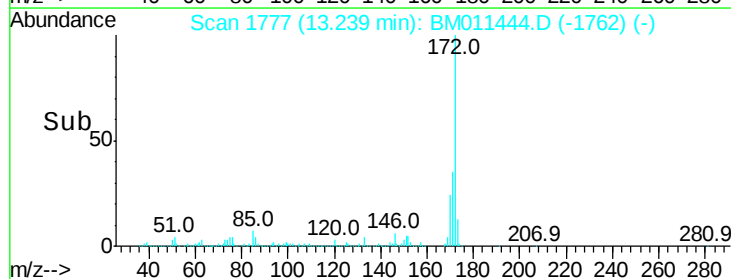
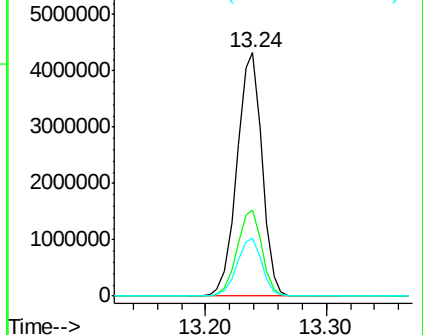


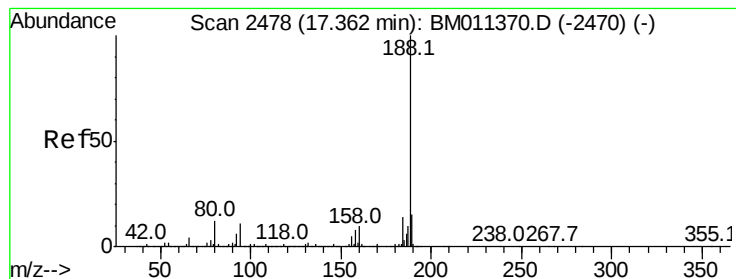
#44
 2-Fluorobiphenyl
 Concen: 106.747 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011444.D
 Acq: 05 Sep 2017 22:26

Tgt Ion:172 Resp: 6228605
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.8 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: 17.35 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BM011444.D

Acq: 05 Sep 2017 22:26

Instrument :

BNA_M

ClientSampleId :

TP10-WC1

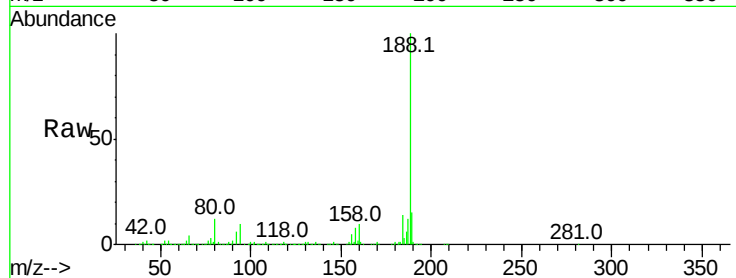
Tot Ion:188 Resp: 1911234

Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

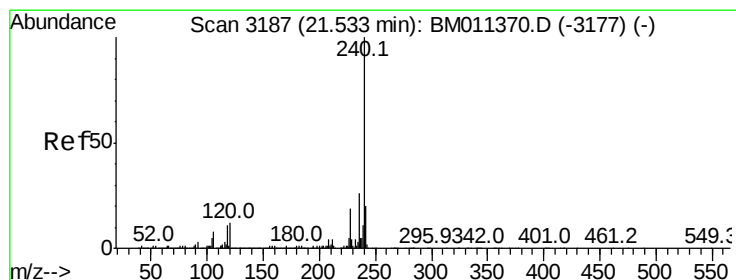
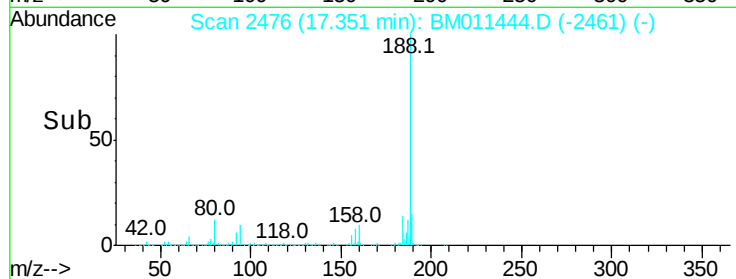
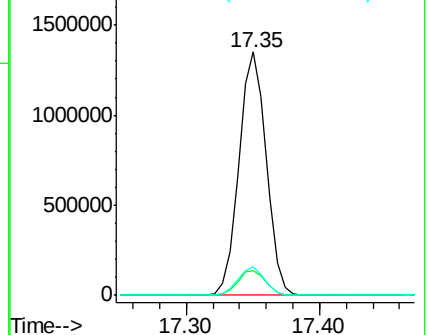
80 11.8 9.3 13.9



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011444.D

Acq: 05 Sep 2017 22:26

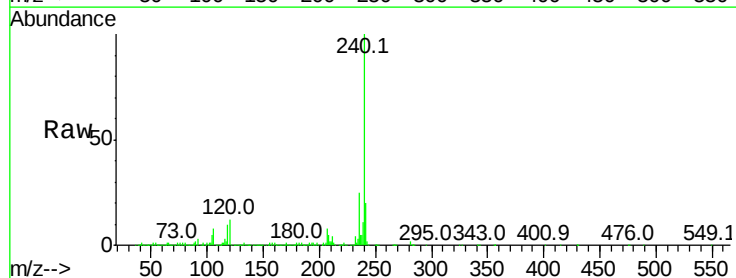
Tgt Ion:240 Resp: 2193056

Ion Ratio Lower Upper

240 100

120 11.9 8.2 12.2

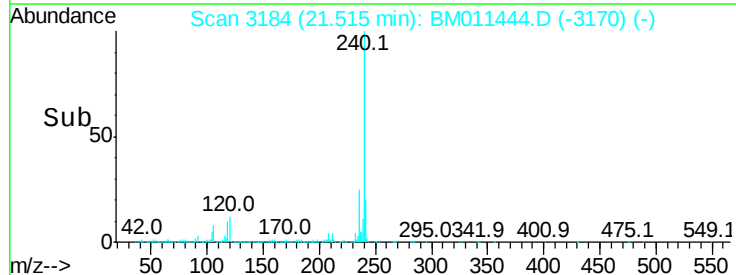
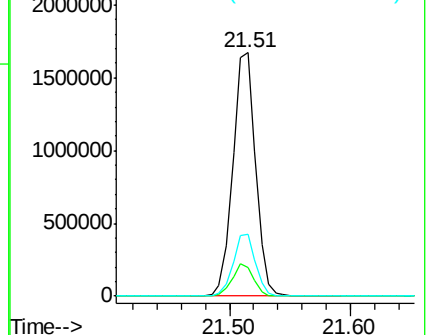
236 25.4 20.0 30.0

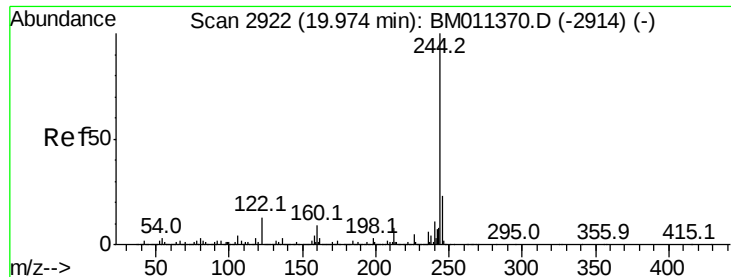


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 106.353 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011444.D

Acq: 05 Sep 2017 22:26

Instrument :

BNA_M

ClientSampleId :

TP10-WC1

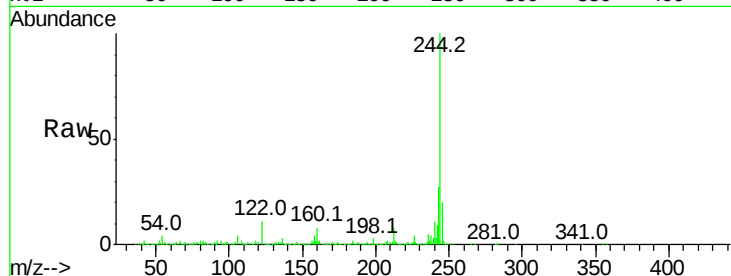
Tot Ion:244 Resp: 9400167

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

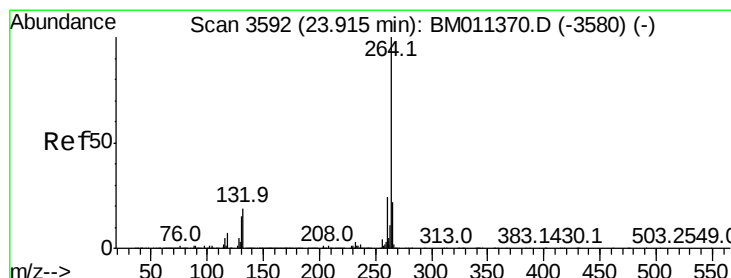
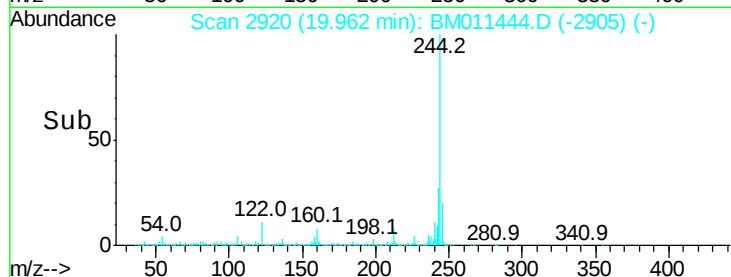
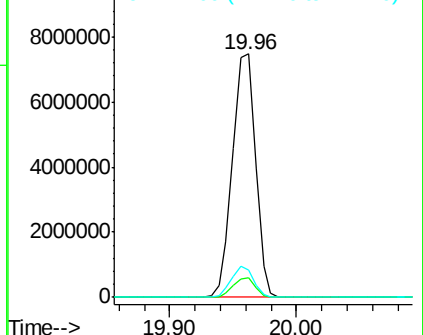
122 11.3 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

1e+07 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.89 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BM011444.D

Acq: 05 Sep 2017 22:26

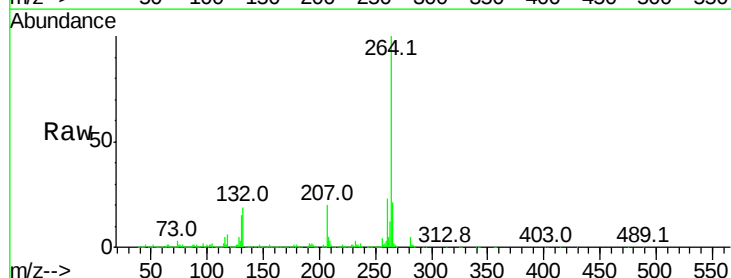
Tgt Ion:264 Resp: 1948038

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.4 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

