

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011439.D
 Acq On : 05 Sep 2017 19:24
 Operator : SJ/JU
 Sample : I5075-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-12020

Quant Time: Sep 06 08:29:37 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	491577	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1992071	20.00	ng	-0.01
38) Acenaphthene-d10	14.61	164	1068344	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	2374902	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	2548720	20.00	ng	-0.02
86) Perylene-d12	23.89	264	2038056	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	4176857	143.03	ng	0.00
7) Phenol-d6	7.13	99	4892998	120.83	ng	0.00
23) Nitrobenzene-d5	9.15	82	3303961	109.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1913735	154.83	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	7829961	105.65	ng	-0.01
78) Terphenyl-d14	19.96	244	10264252	99.92	ng	-0.01

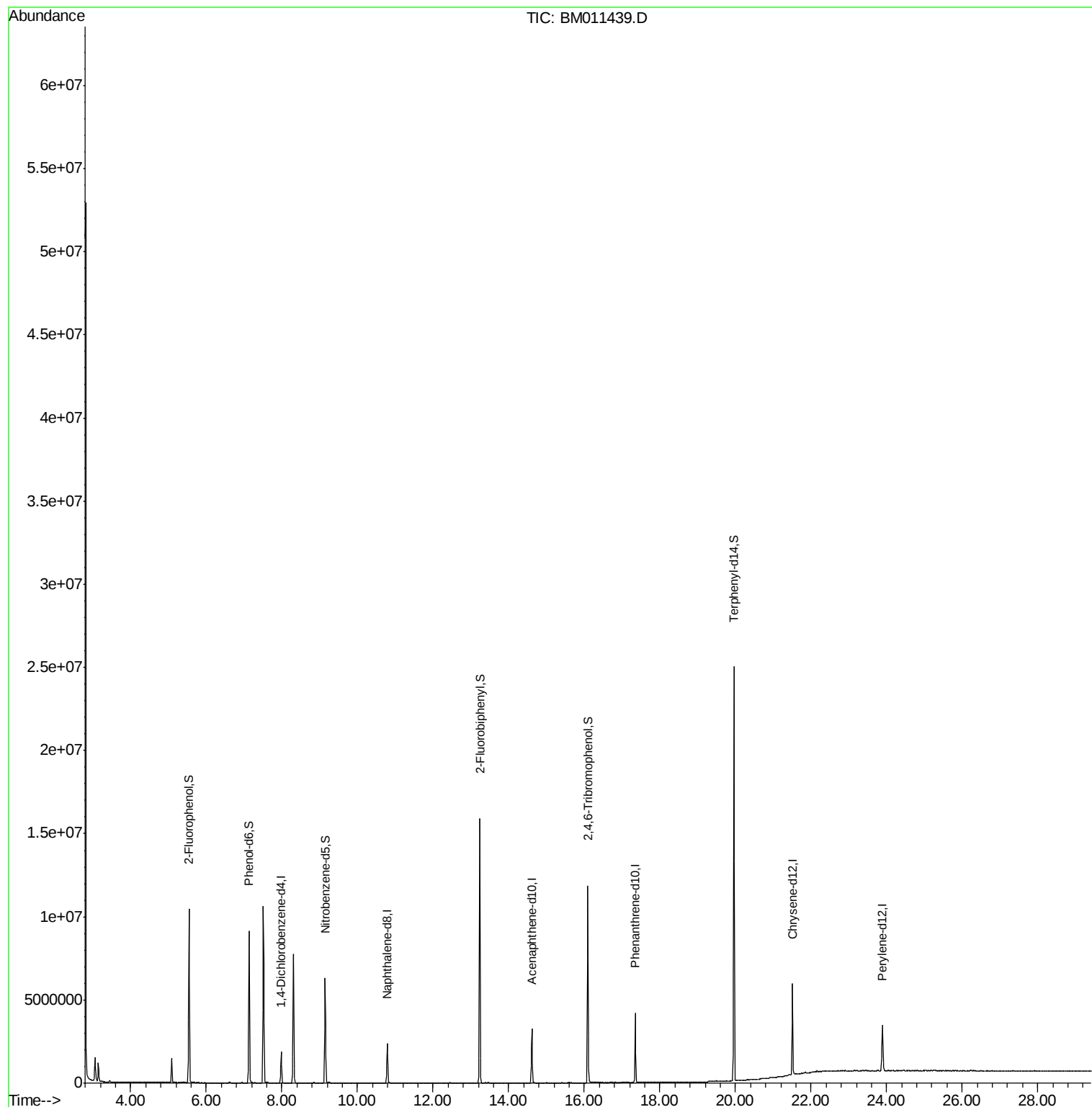
Target Compounds	Qvalue
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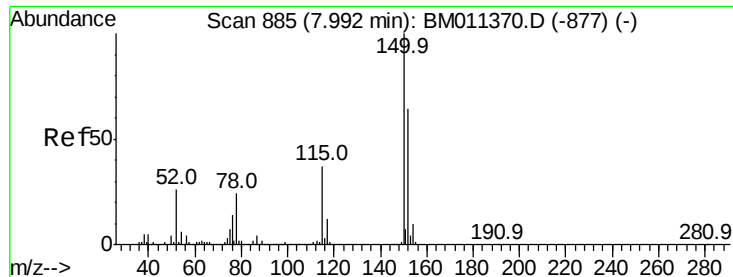
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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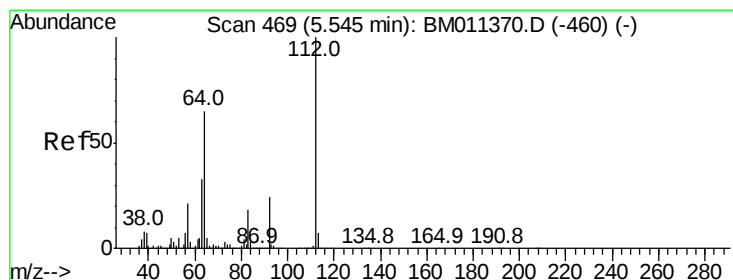
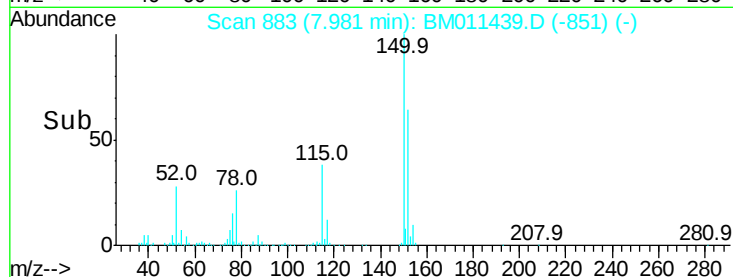
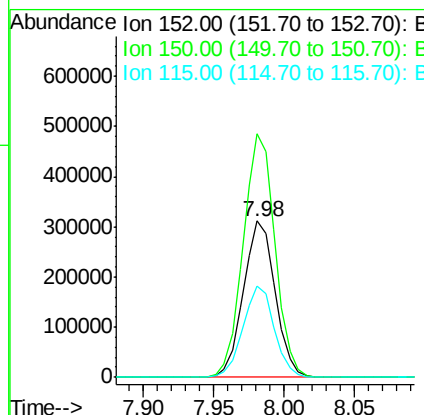
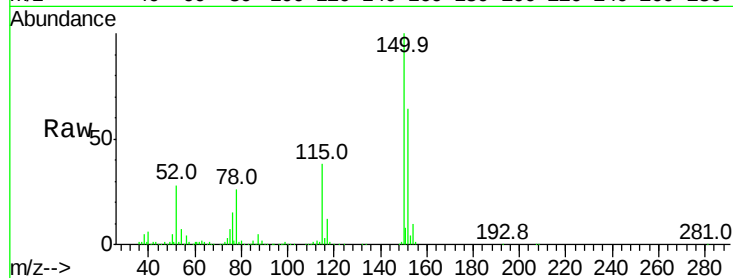


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011439.D
Acq: 05 Sep 2017 19:24

Instrument :
BNA_M
ClientSampled :
72-12020

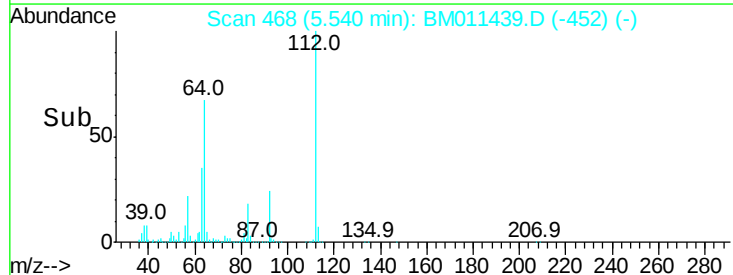
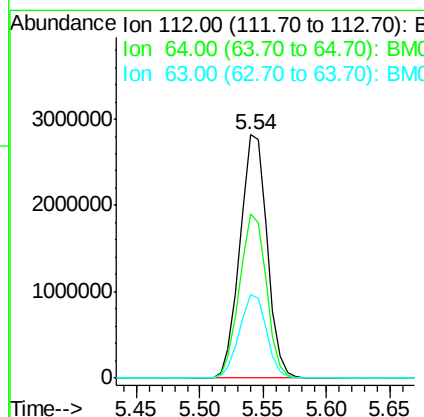
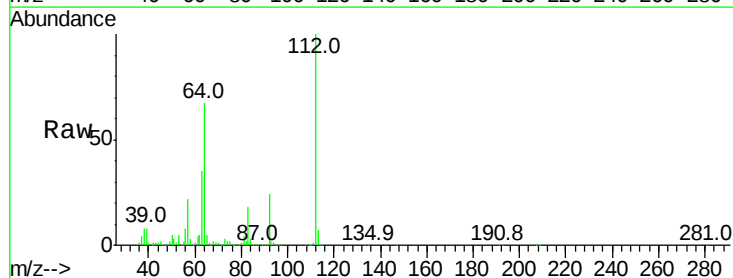
Tot Ion:152 Resp: 491577
Ion Ratio Lower Upper
152 100
150 155.7 119.5 179.3
115 58.4 43.0 64.4

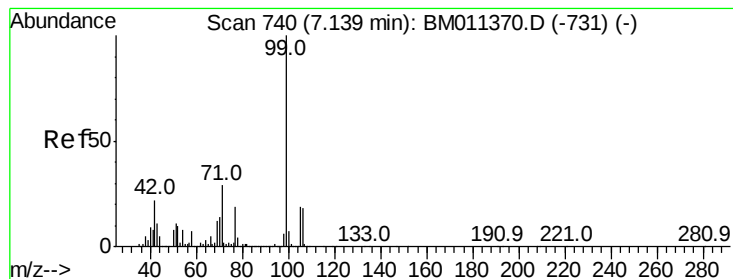


#5

2-Fluorophenol
Concen: 143.025 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011439.D
Acq: 05 Sep 2017 19:24

Tgt Ion:112 Resp: 4176857
Ion Ratio Lower Upper
112 100
64 67.3 38.6 57.8#
63 34.5 19.3 28.9#





#7

Phenol-d6

Concen: 120.832 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011439.D

Acq: 05 Sep 2017 19:24

Instrument :

BNA_M

ClientSampleId :

72-12020

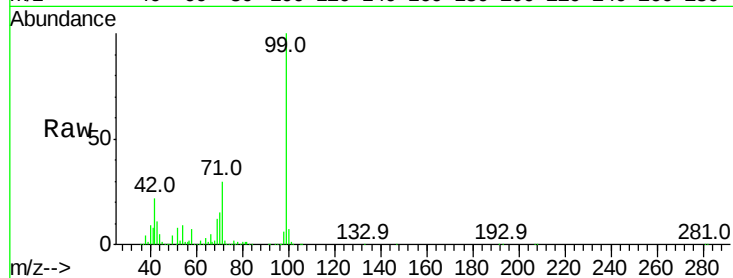
Tot Ion: 99 Resp: 4892998

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

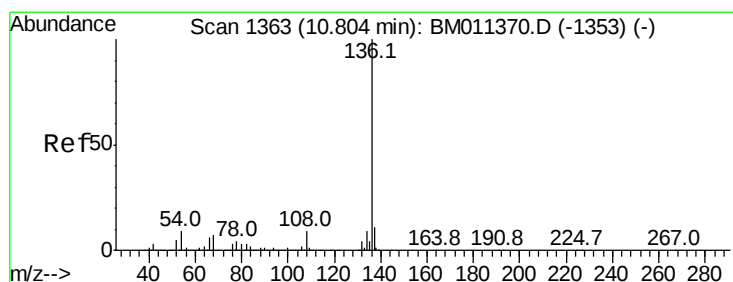
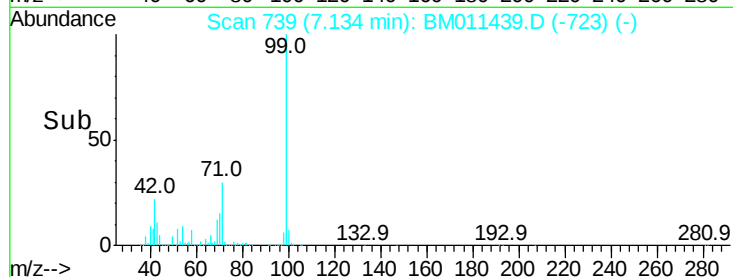
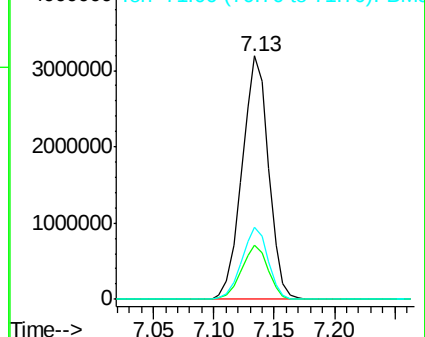
71 29.7 23.4 35.2



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# 1361

Delta R.T. -0.01 min

Lab File: BM011439.D

Acq: 05 Sep 2017 19:24

Tgt Ion: 136 Resp: 1992071

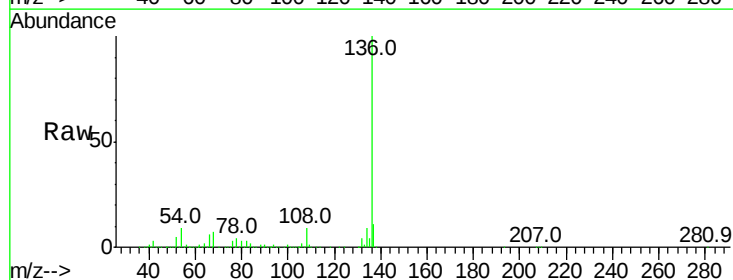
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.4 4.6 6.8#

68 7.4 3.7 5.5#

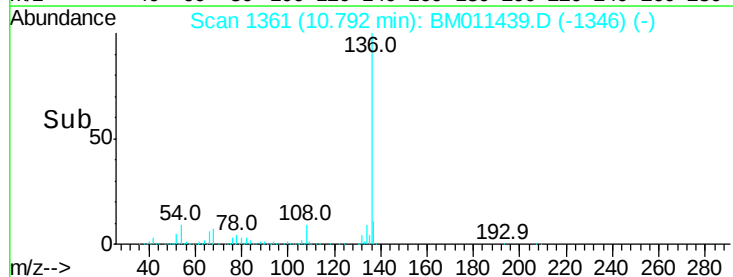
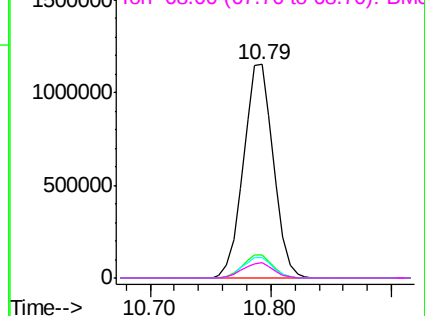


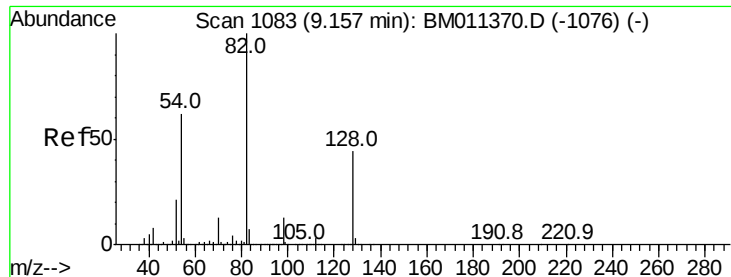
Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

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) (-)

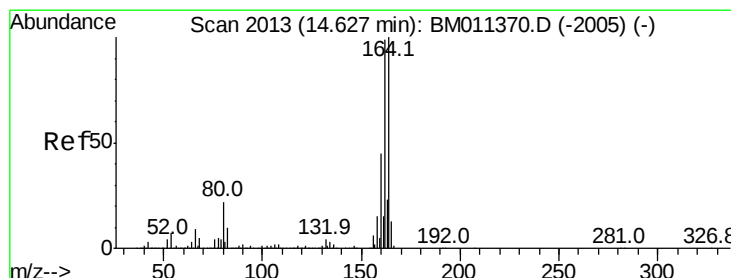
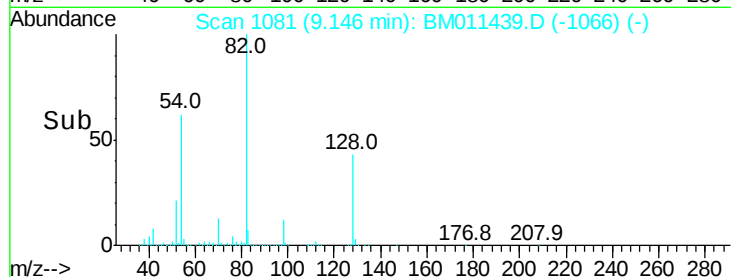
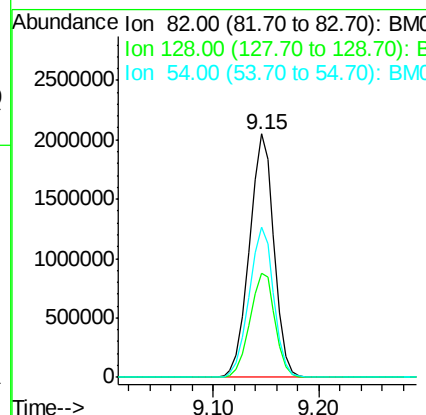
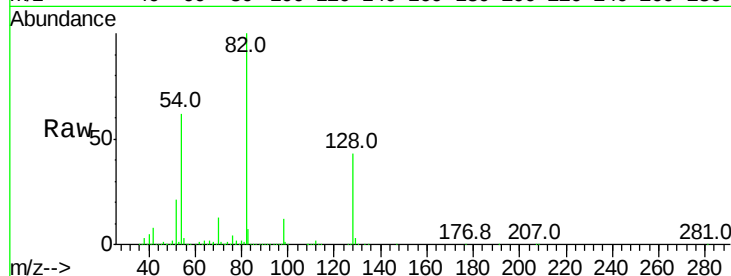




#23
 Nitrobenzene-d5
 Concen: 109.296 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011439.D
 Acq: 05 Sep 2017 19:24

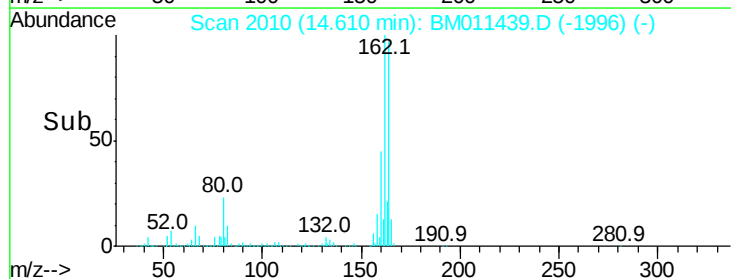
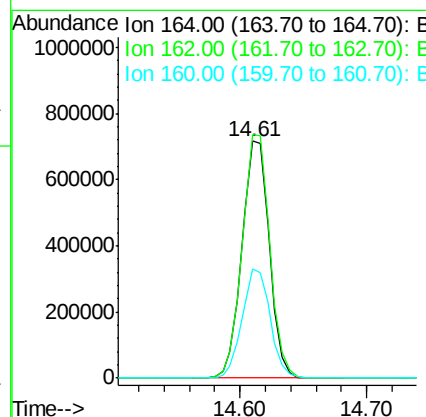
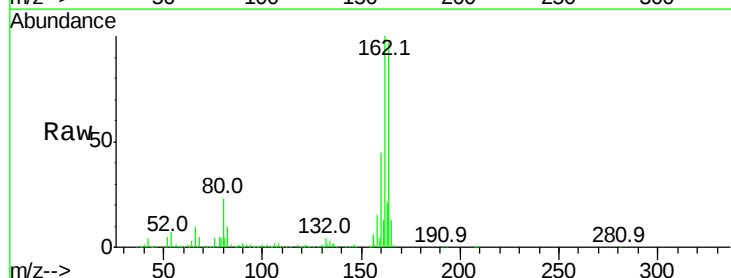
Instrument :
 BNA_M
 ClientSampled :
 72-12020

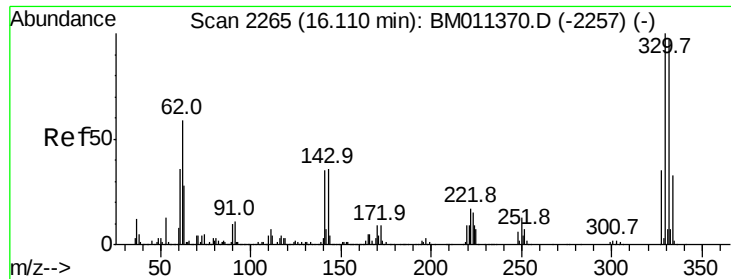
Tot Ion: 82 Resp: 3303961
 Ion Ratio Lower Upper
 82 100
 128 42.8 32.8 49.2
 54 61.6 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BM011439.D
 Acq: 05 Sep 2017 19:24

Tgt Ion: 164 Resp: 1068344
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.4 123.6
 160 46.1 35.8 53.6

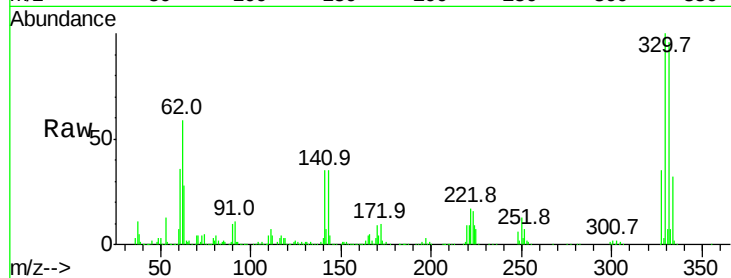




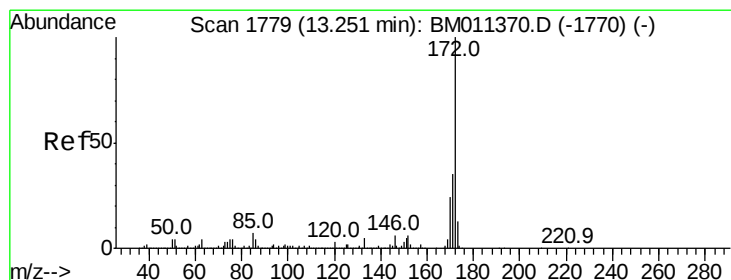
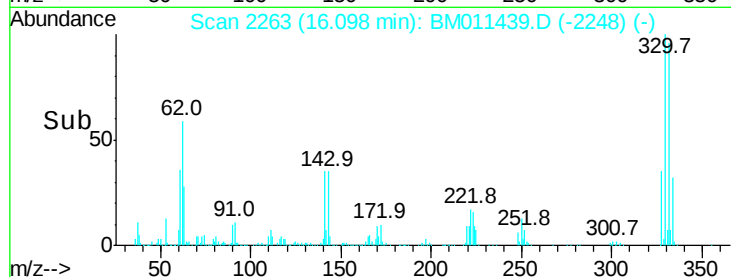
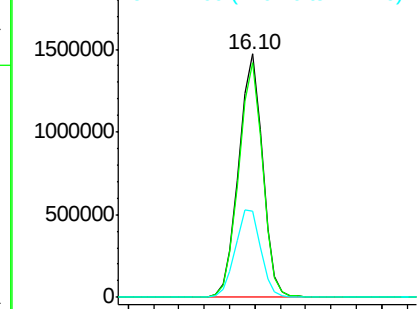
#41
 2,4,6-Tribromophenol
 Concen: 154.829 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011439.D
 Acq: 05 Sep 2017 19:24

Instrument :
 BNA_M
 ClientSampleId :
 72-12020

Tot Ion:330 Resp: 1913735
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 38.5 0.0 0.0#

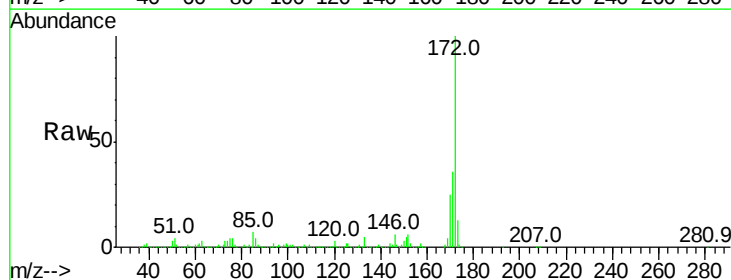


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

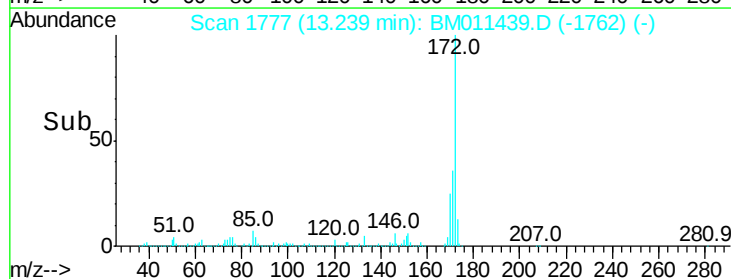
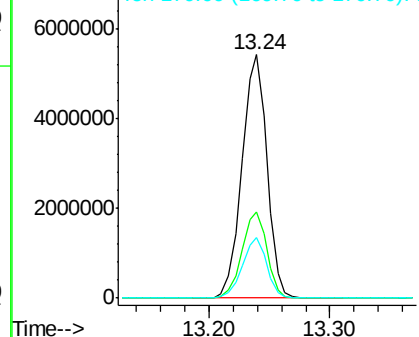


#44
 2-Fluorobiphenyl
 Concen: 105.647 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011439.D
 Acq: 05 Sep 2017 19:24

Tgt Ion:172 Resp: 7829961
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 24.7 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BM011439.D

Acq: 05 Sep 2017 19:24

Instrument :

BNA_M

ClientSampleId :

72-12020

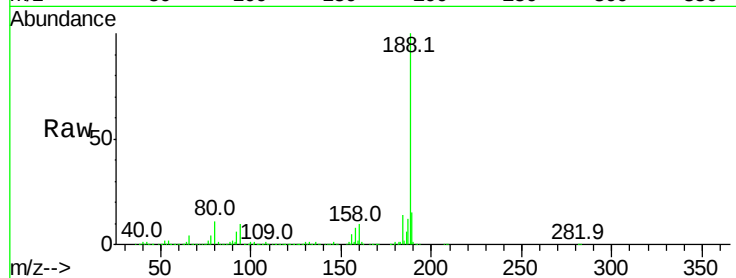
Tot Ion:188 Resp: 2374902

Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

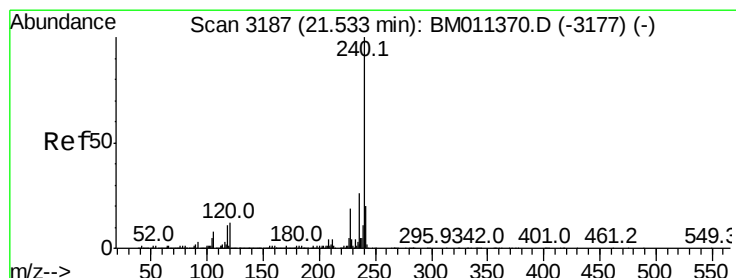
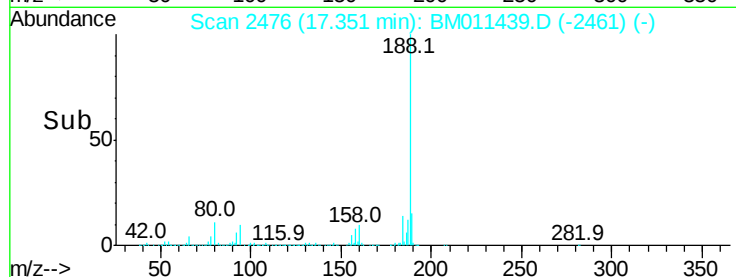
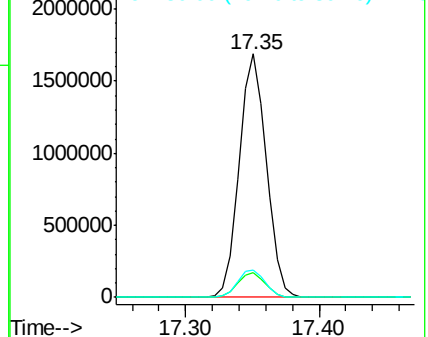
80 11.4 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011439.D

Acq: 05 Sep 2017 19:24

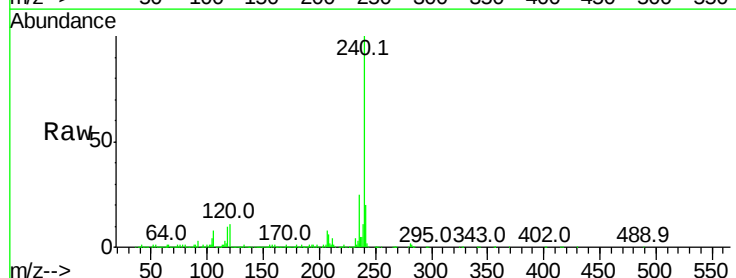
Tgt Ion:240 Resp: 2548720

Ion Ratio Lower Upper

240 100

120 11.0 8.2 12.2

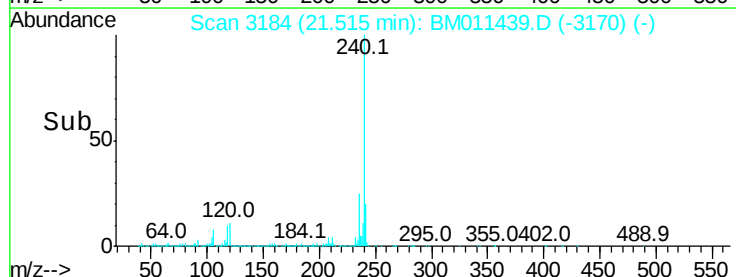
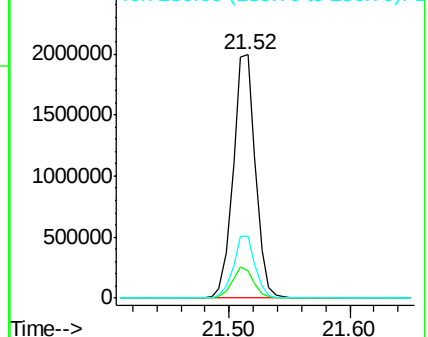
236 25.3 20.0 30.0

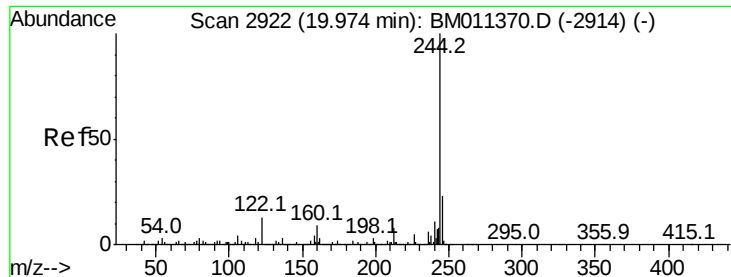


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.924 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011439.D

Acq: 05 Sep 2017 19:24

Instrument :

BNA_M

ClientSampleId :

72-12020

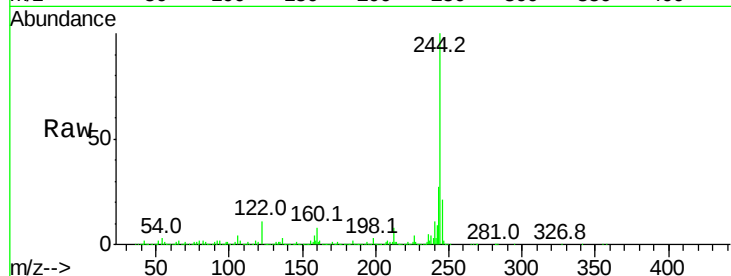
Tot Ion:244 Resp:10264252

Ion Ratio Lower Upper

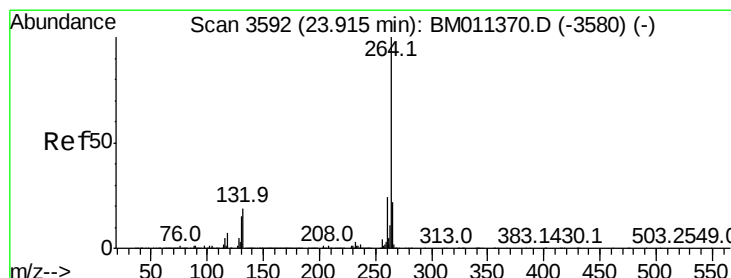
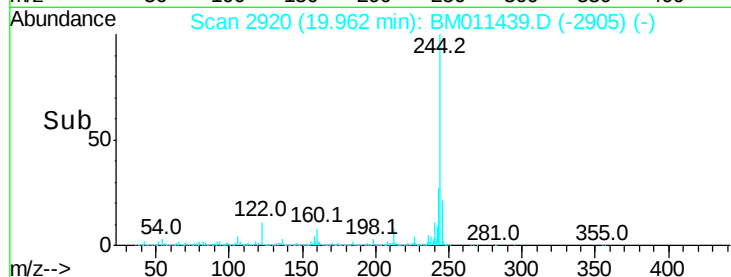
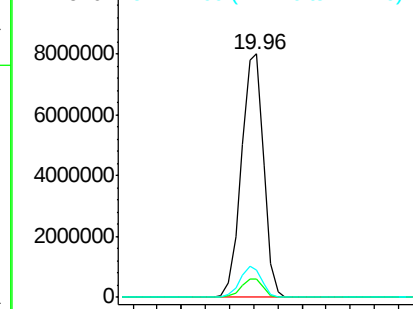
244 100

212 7.6 4.9 7.3#

122 11.5 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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.89 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BM011439.D

Acq: 05 Sep 2017 19:24

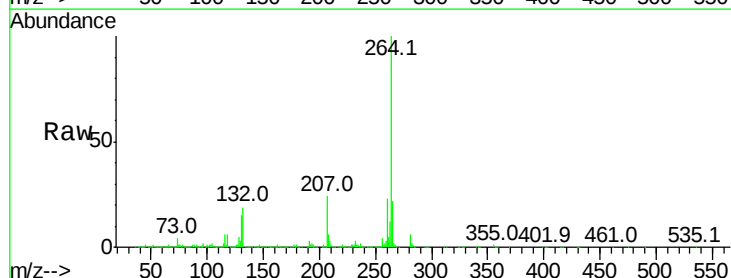
Tgt Ion:264 Resp: 2038056

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 22.3 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

