

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010859.D
 Acq On : 18 Jul 2017 05:56
 Operator : SJ/JU
 Sample : I4199-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3567-SPP2

Quant Time: Jul 18 07:31:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	275140	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1121790	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	700581	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1582889	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1720619	20.00	ng	0.00
86) Perylene-d12	23.19	264	1570674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	883179	53.17	ng	0.00
7) Phenol-d6	6.63	99	754300	32.94	ng	0.00
23) Nitrobenzene-d5	8.59	82	2348733	80.48	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1293584	120.83	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4779292	84.87	ng	0.00
78) Terphenyl-d14	19.51	244	6993859	78.62	ng	0.00

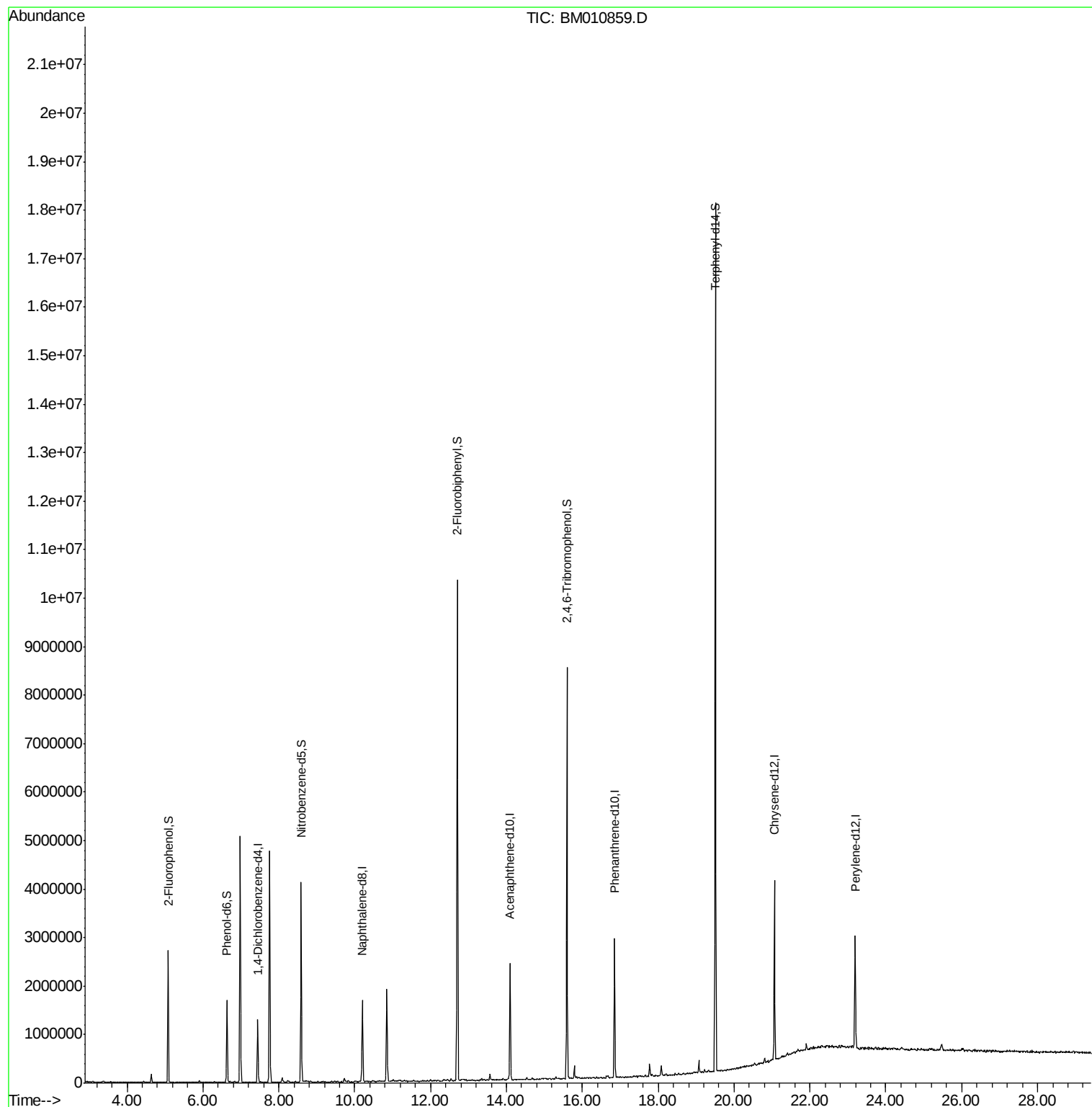
Target Compounds Qvalue

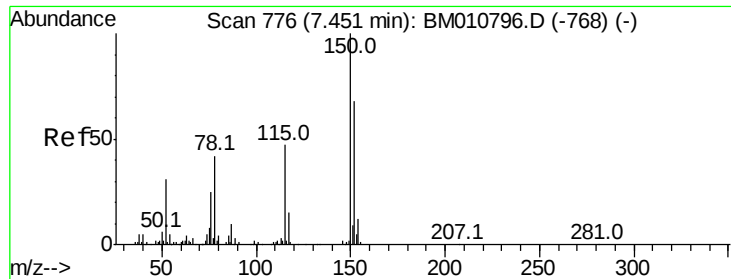
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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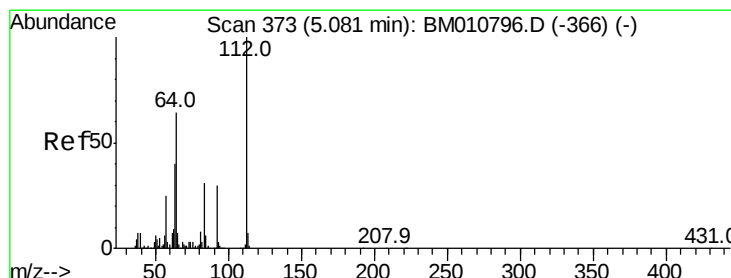
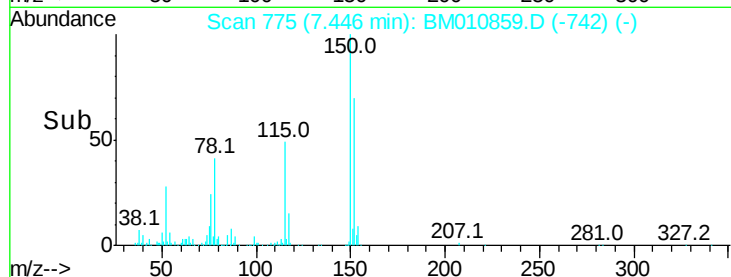
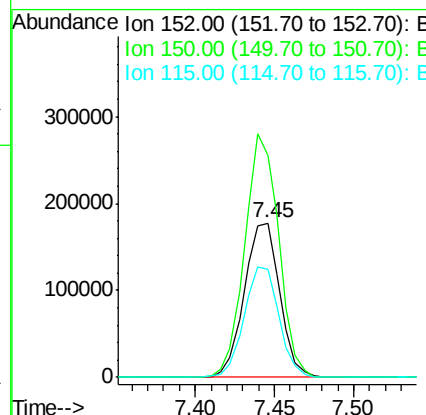
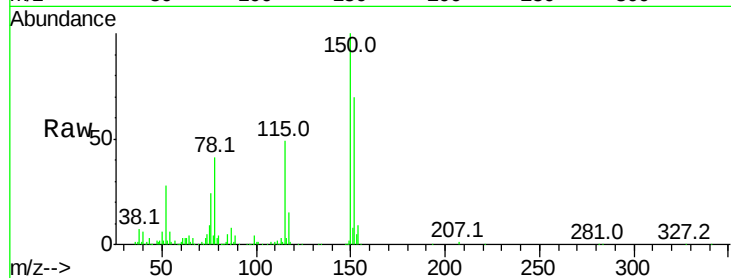


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.45 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BM010859.D
 Acq: 18 Jul 2017 05:56

Instrument :
 BNA_M
 ClientSampleId :
 3567-SPP2

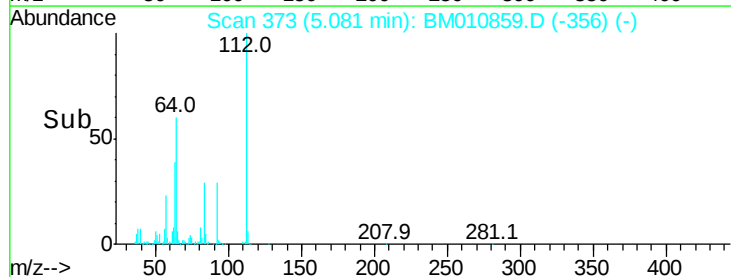
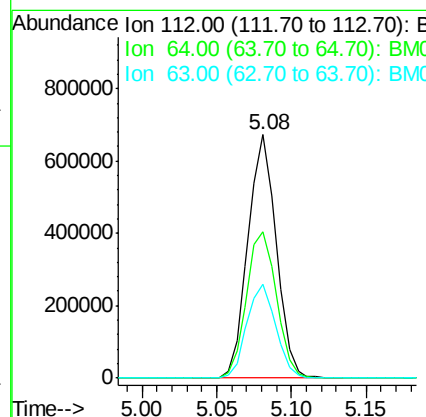
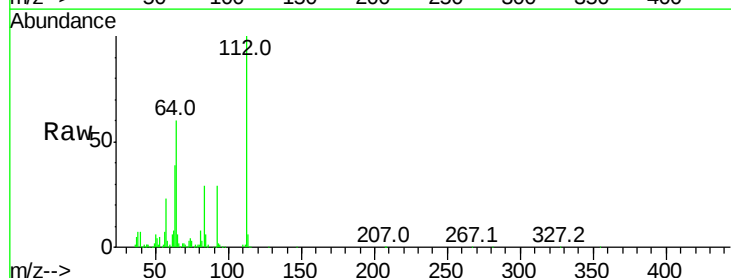
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.8	119.5	179.3
115	70.1	43.0	64.4#

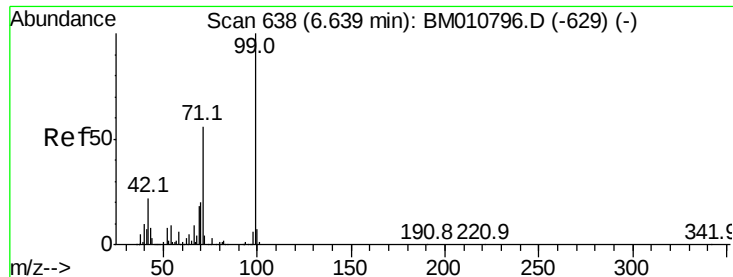


#5

2-Fluorophenol
 Concen: 53.172 ng
 RT: 5.08 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: BM010859.D
 Acq: 18 Jul 2017 05:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	38.6	57.8#
63	38.7	19.3	28.9#





#7

Phenol-d6

Concen: 32.942 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010859.D

Acq: 18 Jul 2017 05:56

Instrument :

BNA_M

ClientSampleId :

3567-SPP2

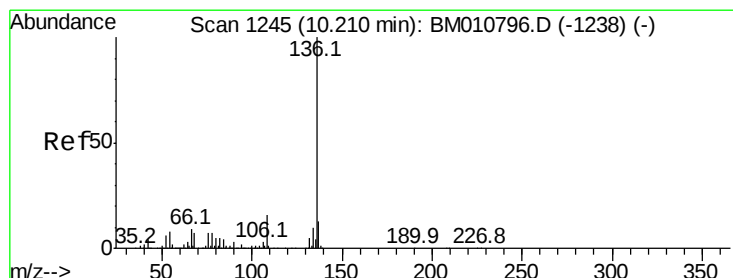
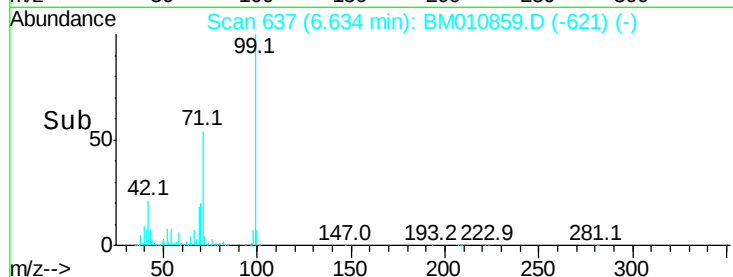
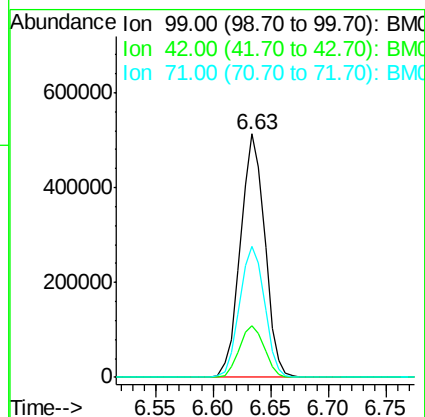
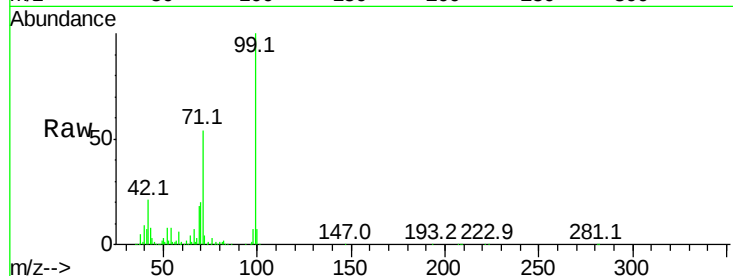
Tot Ion: 99 Resp: 754300

Ion Ratio Lower Upper

99 100

42 21.2 11.0 16.4#

71 53.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010859.D

Acq: 18 Jul 2017 05:56

Tgt Ion: 136 Resp: 1121790

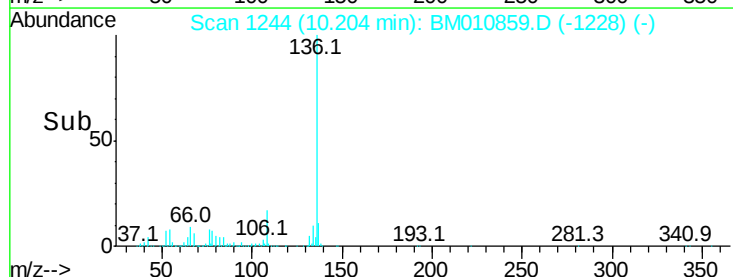
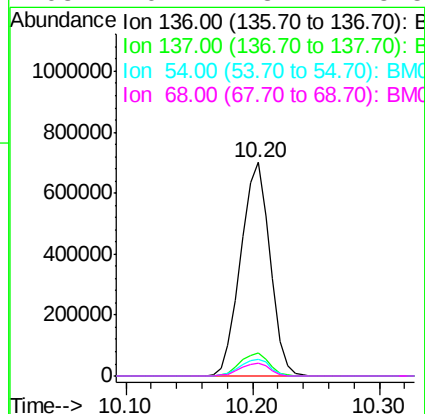
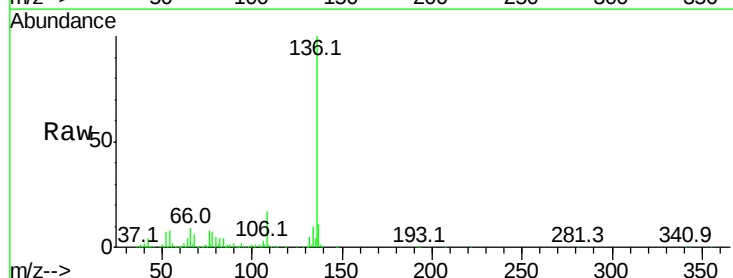
Ion Ratio Lower Upper

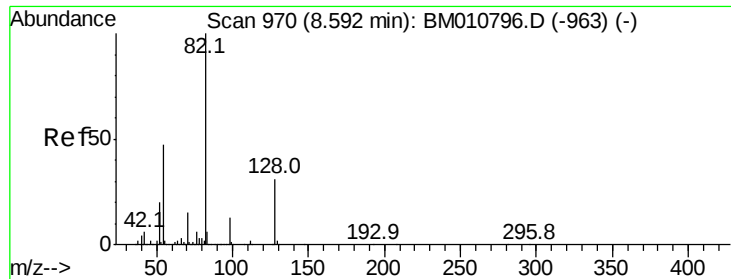
136 100

137 10.7 8.7 13.1

54 7.6 4.6 6.8#

68 6.1 3.7 5.5#

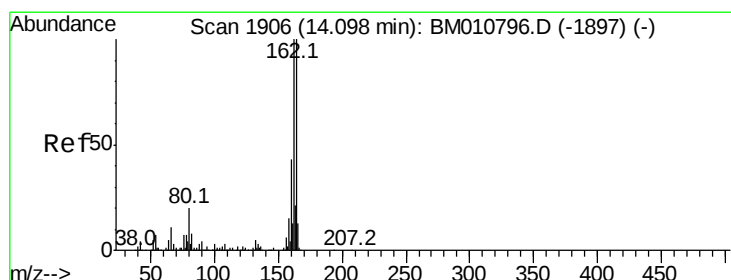
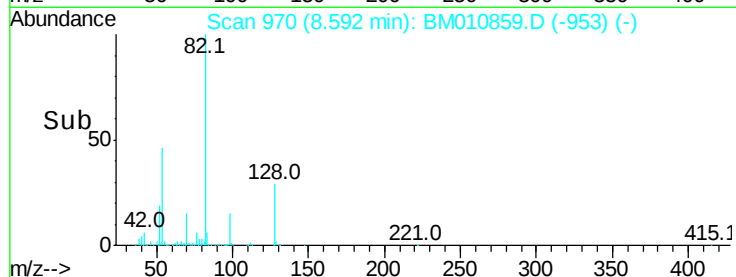
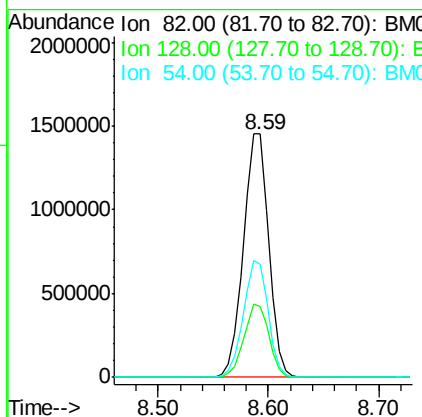
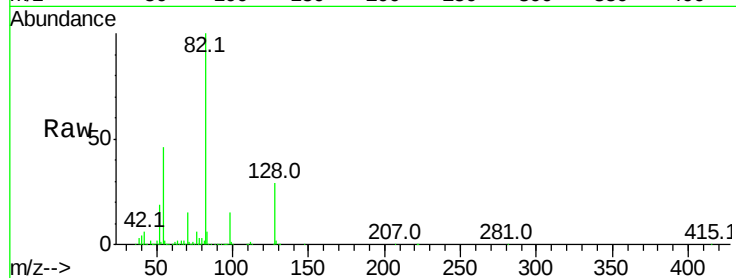




#23
 Nitrobenzene-d5
 Concen: 80.478 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010859.D
 Acq: 18 Jul 2017 05:56

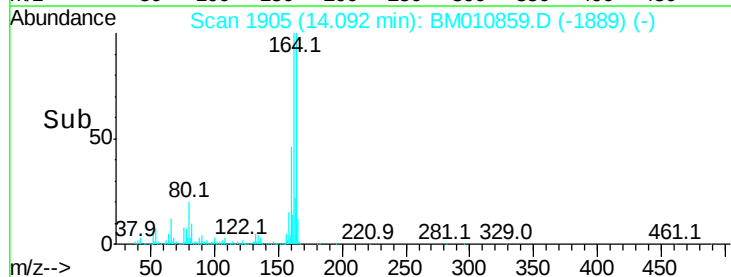
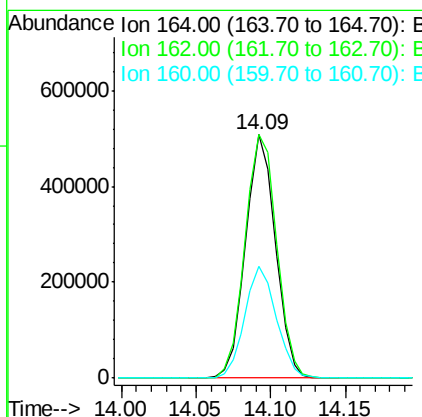
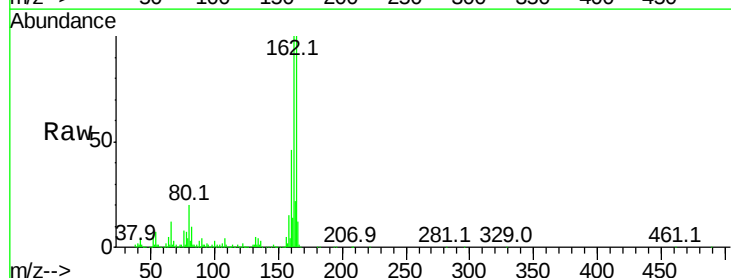
Instrument :
 BNA_M
 ClientSampleId :
 3567-SPP2

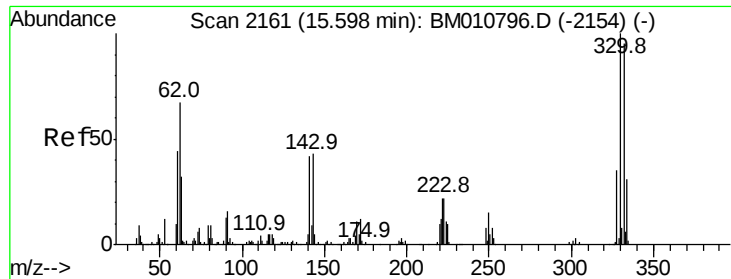
Tot Ion: 82 Resp: 2348733
 Ion Ratio Lower Upper
 82 100
 128 29.2 32.8 49.2#
 54 46.4 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010859.D
 Acq: 18 Jul 2017 05:56

Tgt Ion:164 Resp: 700581
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.4 123.6
 160 45.7 35.8 53.6

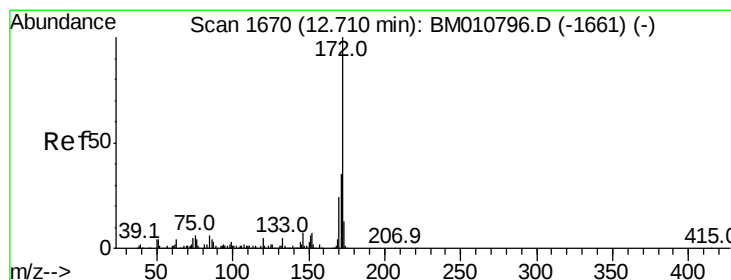
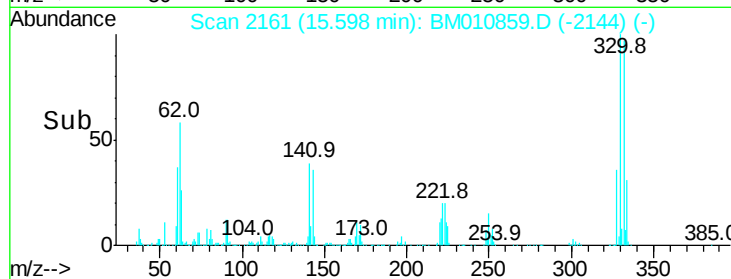
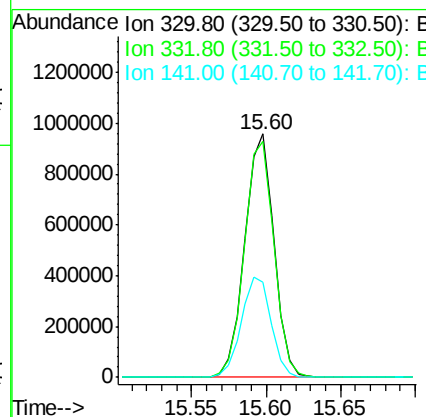
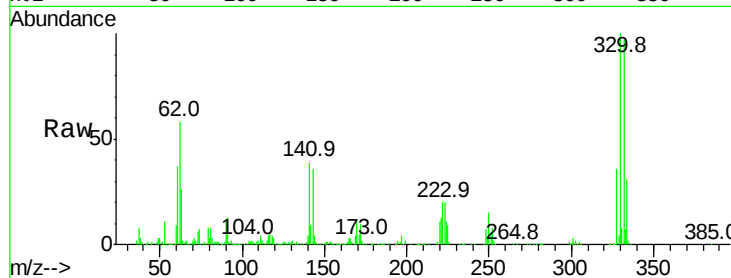




#41
 2,4,6-Tribromophenol
 Concen: 120.826 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010859.D
 Acq: 18 Jul 2017 05:56

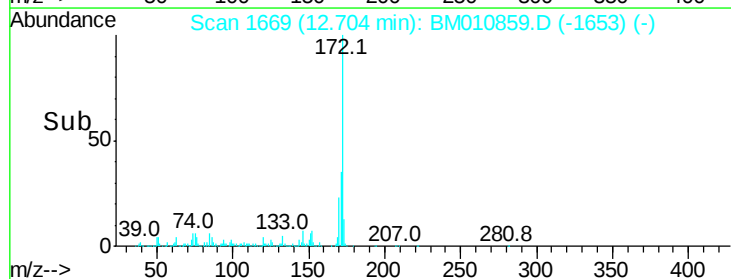
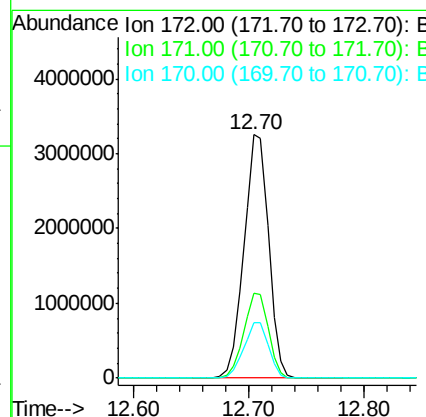
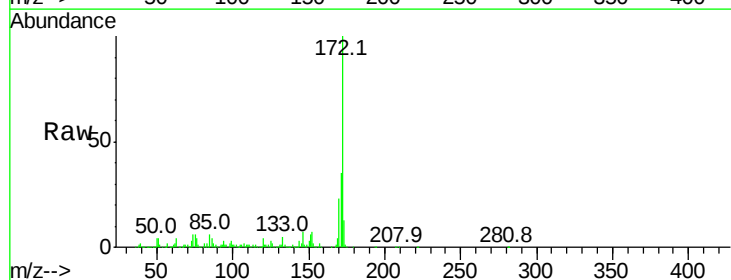
Instrument :
 BNA_M
 ClientSampleId :
 3567-SPP2

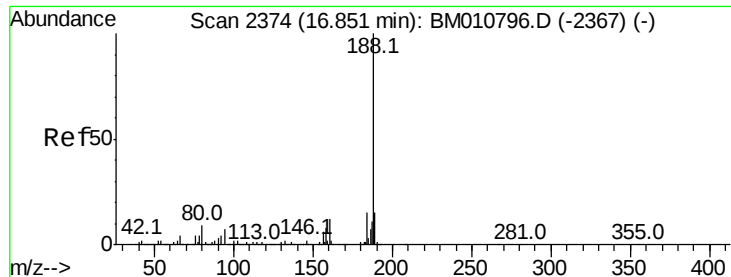
Tot Ion:330 Resp: 1293584
 Ion Ratio Lower Upper
 330 100
 332 98.4 0.0 0.0#
 141 42.4 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 84.866 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010859.D
 Acq: 18 Jul 2017 05:56

Tgt Ion:172 Resp: 4779292
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.0 18.8 28.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.85 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BM010859.D

Acq: 18 Jul 2017 05:56

Instrument :

BNA_M

ClientSampleId :

3567-SPP2

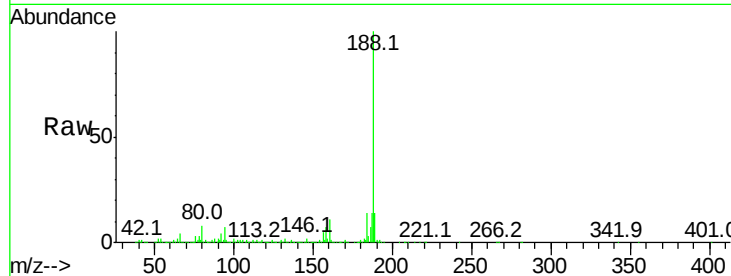
Tot Ion:188 Resp: 1582889

Ion Ratio Lower Upper

188 100

94 6.8 8.7 13.1#

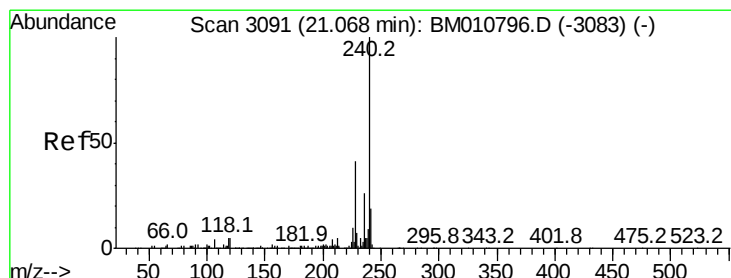
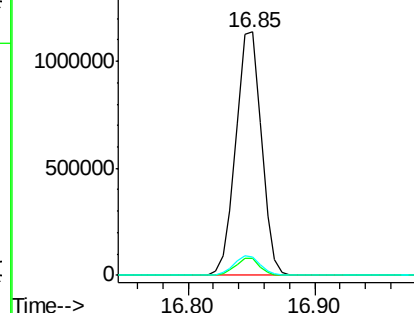
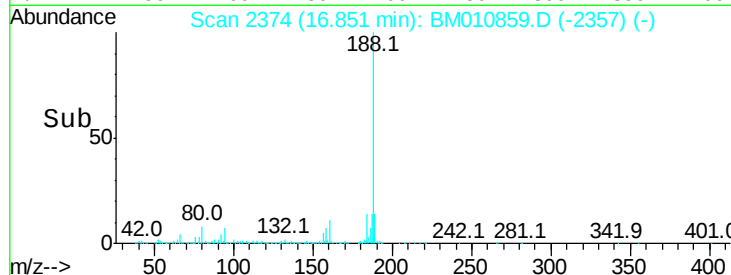
80 7.8 9.3 13.9#



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: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010859.D

Acq: 18 Jul 2017 05:56

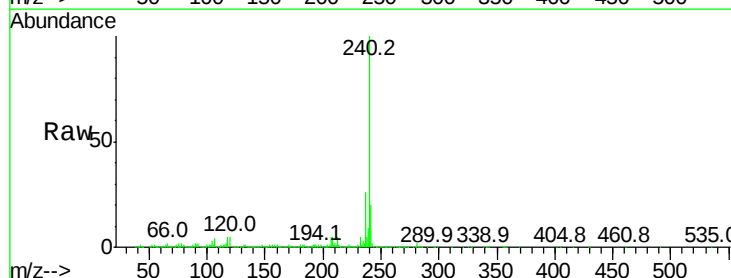
Tgt Ion:240 Resp: 1720619

Ion Ratio Lower Upper

240 100

120 5.5 8.2 12.2#

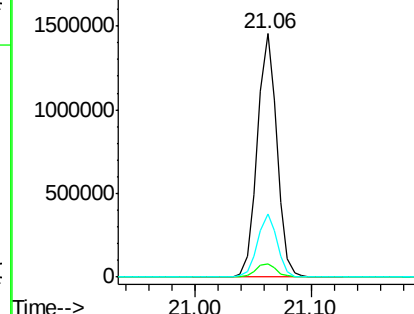
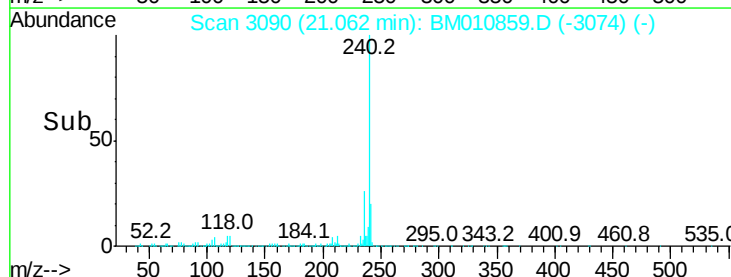
236 25.8 20.0 30.0

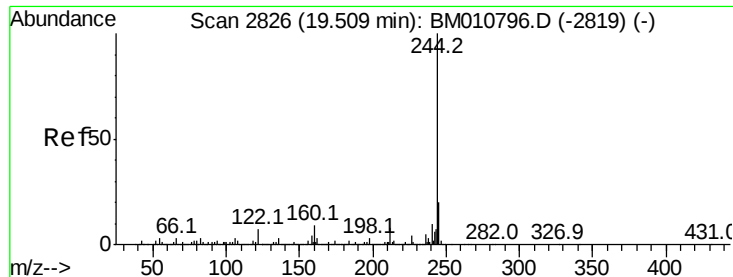


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.616 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010859.D

Acq: 18 Jul 2017 05:56

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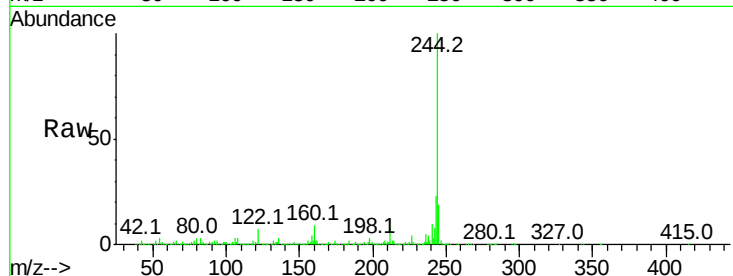
Tot Ion:244 Resp: 6993859

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

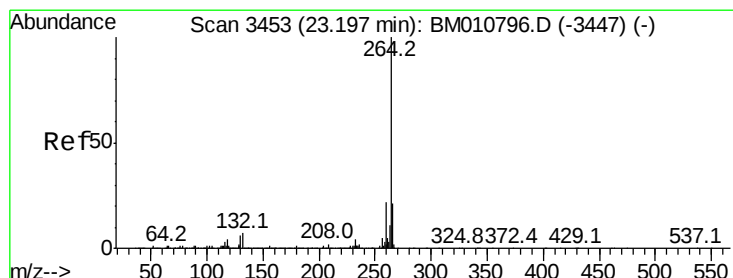
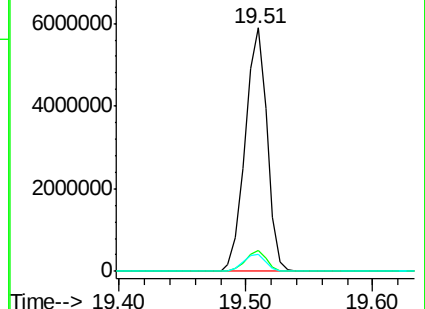
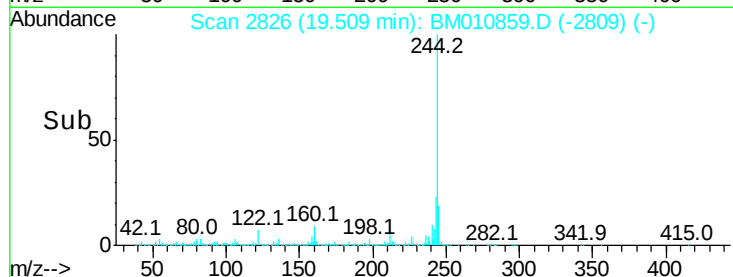
122 7.1 6.2 9.4



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: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010859.D

Acq: 18 Jul 2017 05:56

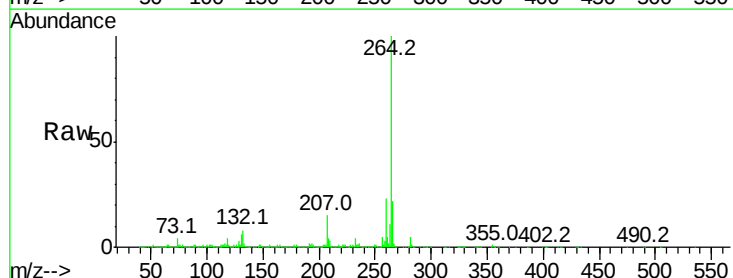
Tgt Ion:264 Resp: 1570674

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.7 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

