

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010858.D
 Acq On : 18 Jul 2017 05:20
 Operator : SJ/JU
 Sample : I4199-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3566-SPP1

Quant Time: Jul 18 07:31:30 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	277089	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1175621	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	756387	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1693830	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1816997	20.00	ng	0.00
86) Perylene-d12	23.19	264	1575282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	998979	59.72	ng	0.00
7) Phenol-d6	6.63	99	852227	36.96	ng	0.00
23) Nitrobenzene-d5	8.59	82	2673980	87.43	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1690288	146.23	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	5709711	93.91	ng	0.00
78) Terphenyl-d14	19.51	244	8411638	89.54	ng	0.00

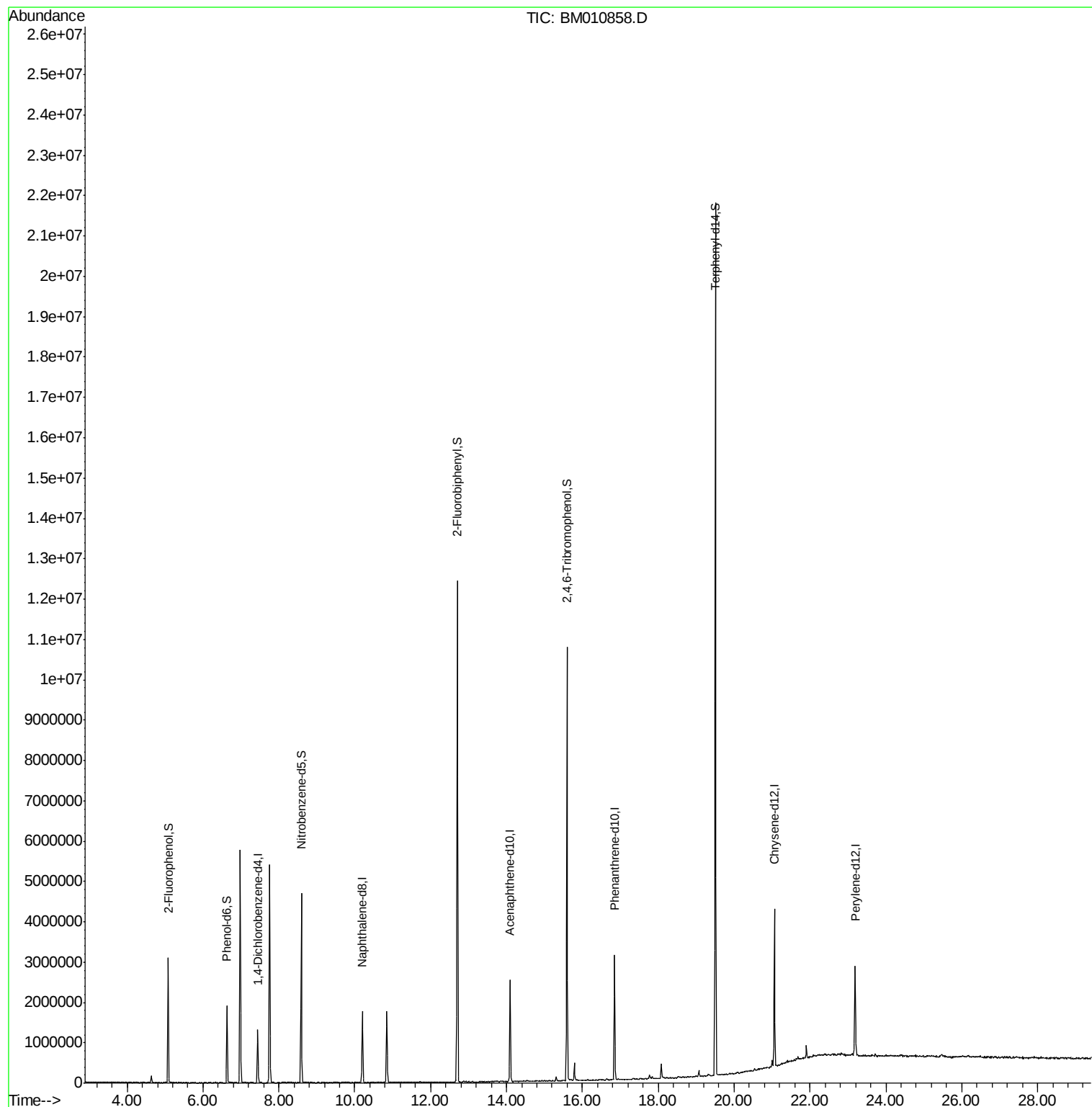
Target Compounds Qvalue

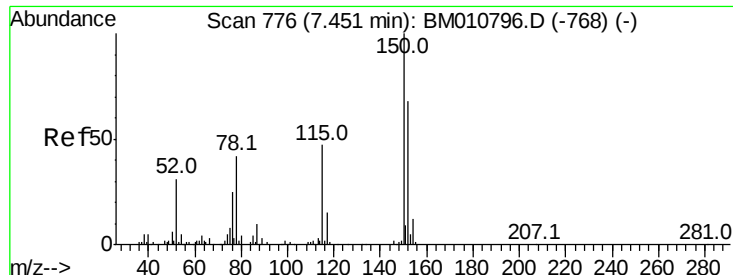
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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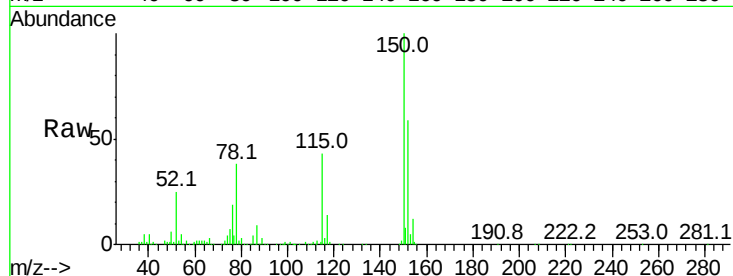


#1

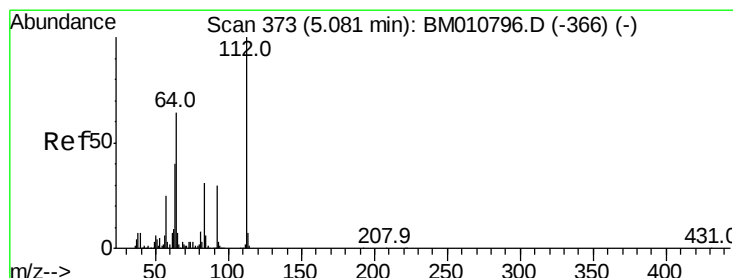
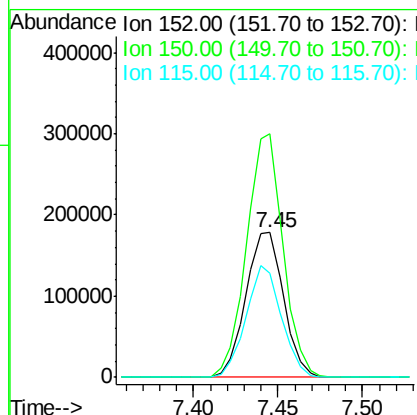
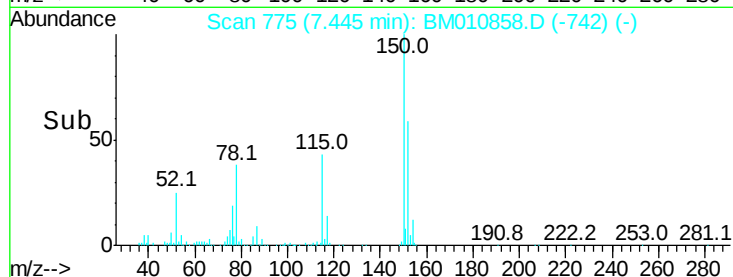
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010858.D
Acq: 18 Jul 2017 05:20

Instrument :
BNA_M
ClientSampleId :
3566-SPP1

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.5	119.5	179.3
115	71.8	43.0	64.4



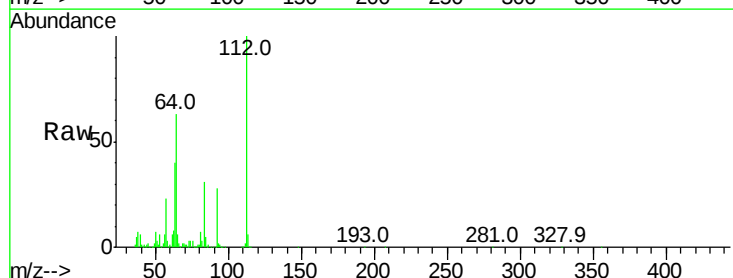
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



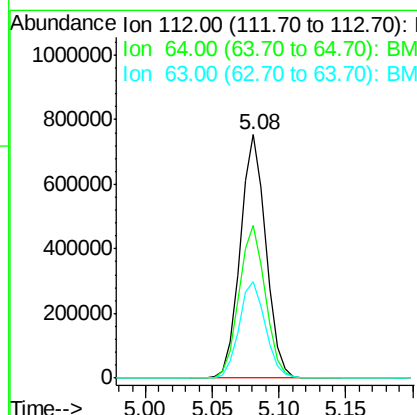
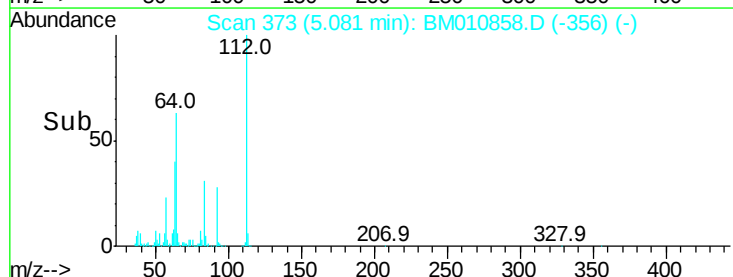
#5

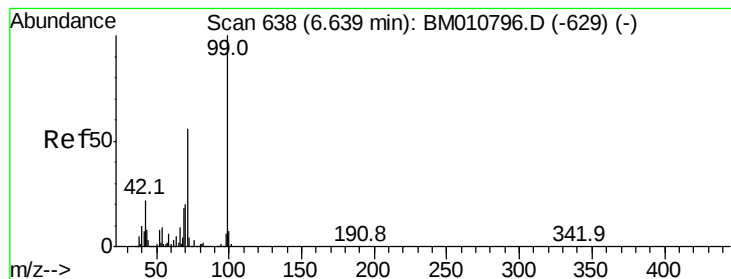
2-Fluorophenol
Concen: 59.721 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010858.D
Acq: 18 Jul 2017 05:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	38.6	57.8
63	39.7	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: 36.956 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010858.D

Acq: 18 Jul 2017 05:20

Instrument :

BNA_M

ClientSampleId :

3566-SPP1

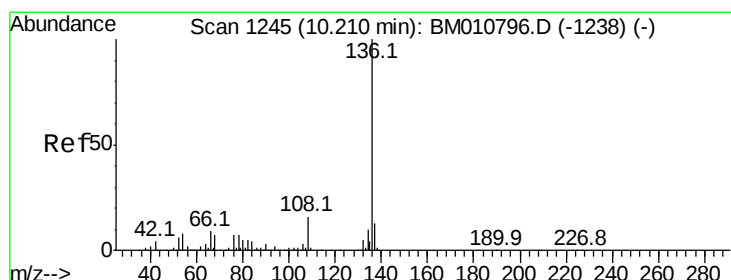
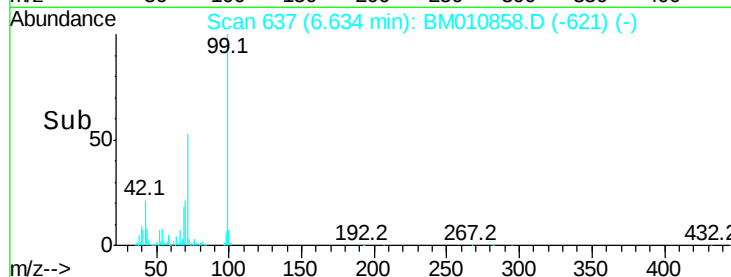
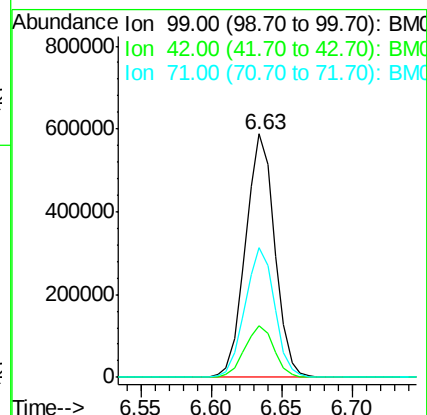
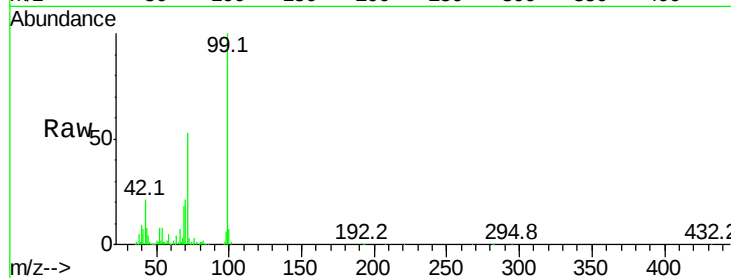
Tot Ion: 99 Resp: 852227

Ion Ratio Lower Upper

99 100

42 21.1 11.0 16.4#

71 53.3 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: BM010858.D

Acq: 18 Jul 2017 05:20

Tgt Ion: 136 Resp: 1175621

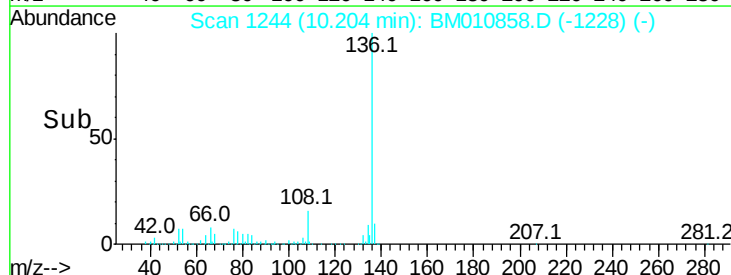
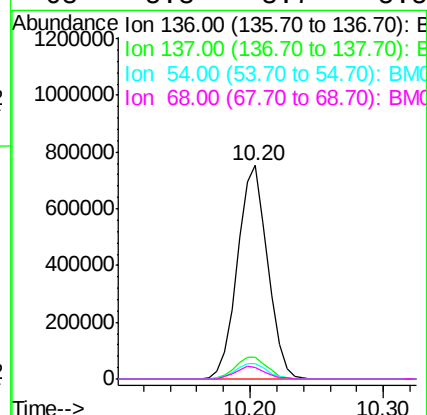
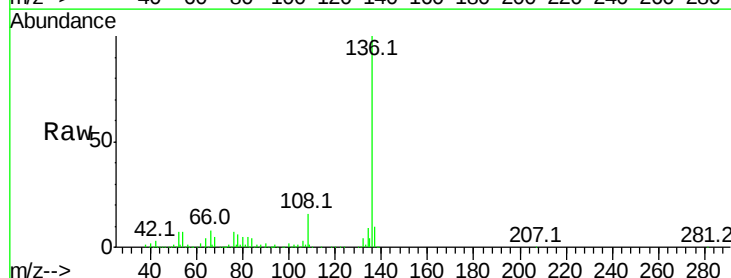
Ion Ratio Lower Upper

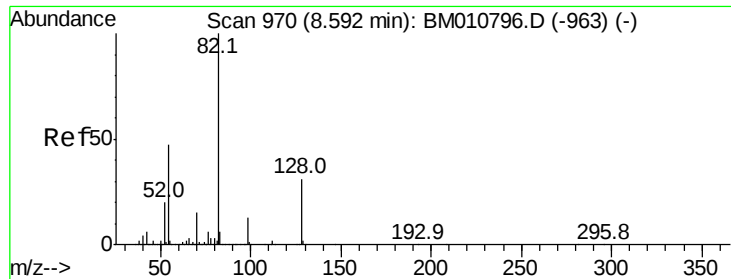
136 100

137 10.1 8.7 13.1

54 7.4 4.6 6.8#

68 5.3 3.7 5.5

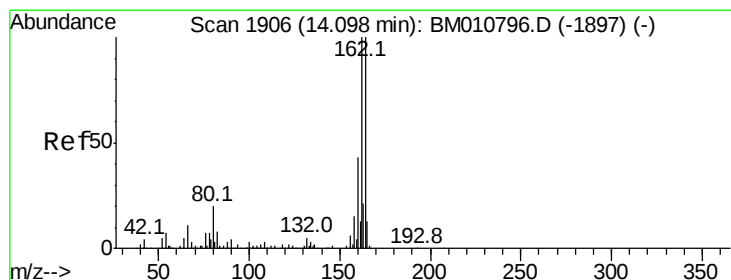
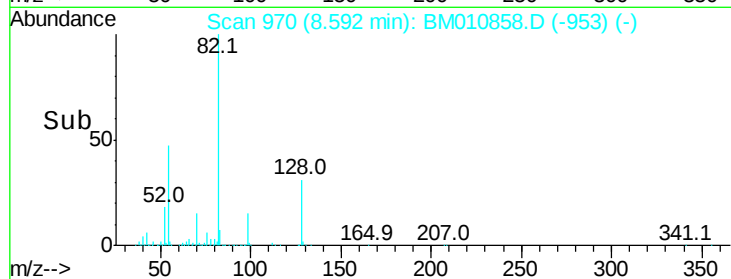
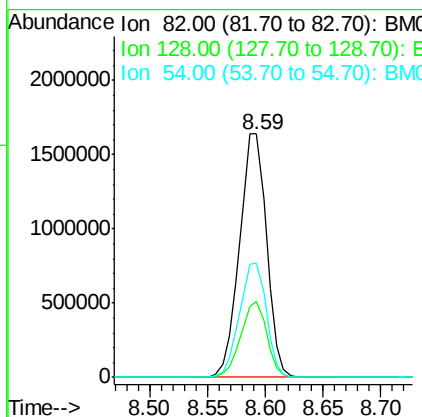
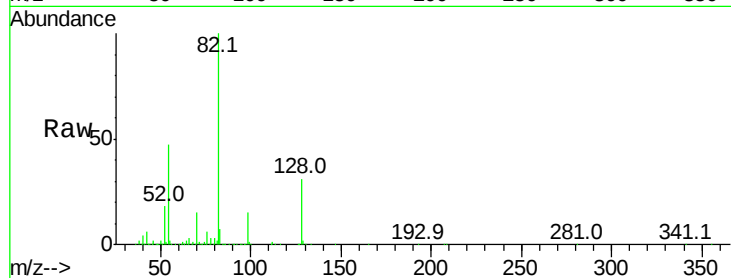




#23
 Nitrobenzene-d5
 Concen: 87.427 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010858.D
 Acq: 18 Jul 2017 05:20

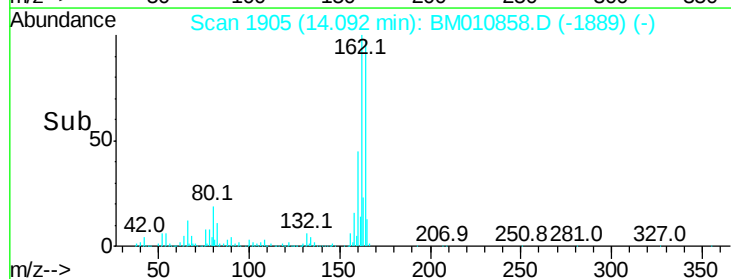
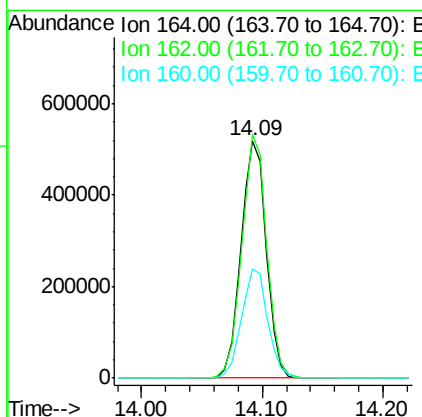
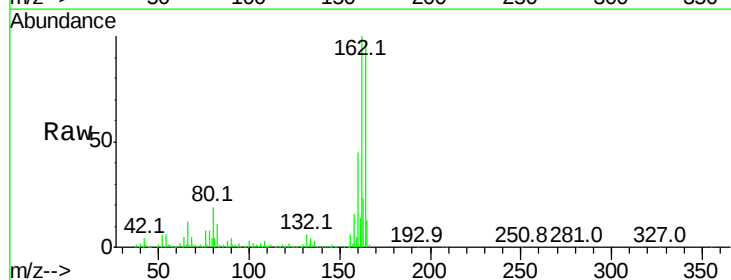
Instrument :
 BNA_M
 ClientSampleId :
 3566-SPP1

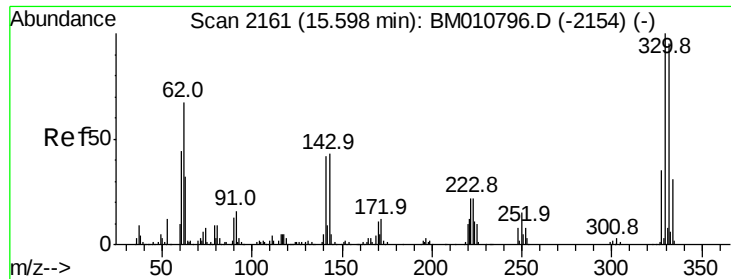
Tot Ion: 82 Resp: 2673980
 Ion Ratio Lower Upper
 82 100
 128 31.5 32.8 49.2#
 54 47.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010858.D
 Acq: 18 Jul 2017 05:20

Tgt Ion: 164 Resp: 756387
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.4 123.6
 160 46.1 35.8 53.6



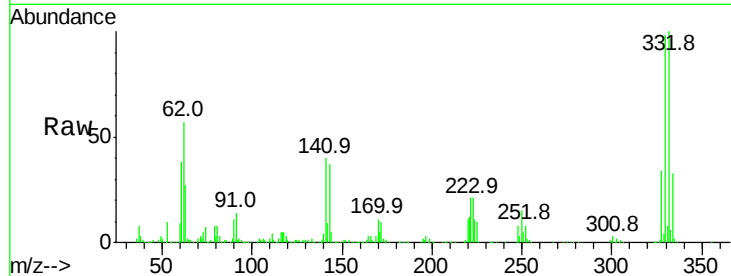


#41
 2,4,6-Tribromophenol
 Concen: 146.231 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010858.D
 Acq: 18 Jul 2017 05:20

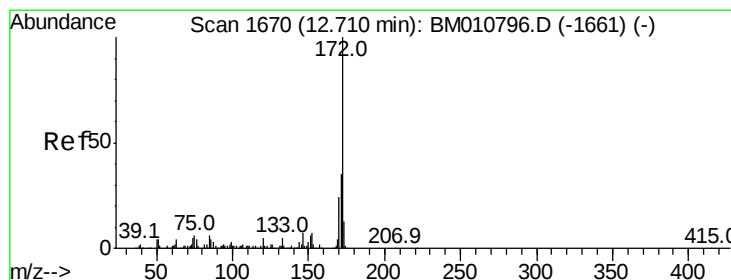
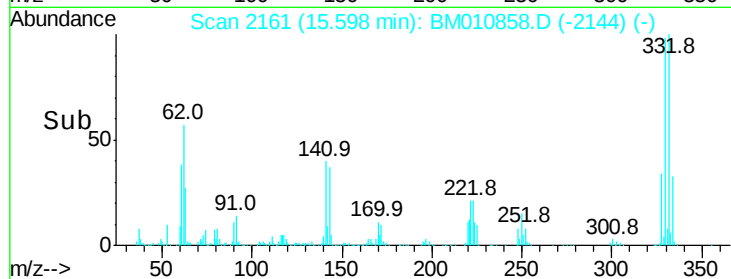
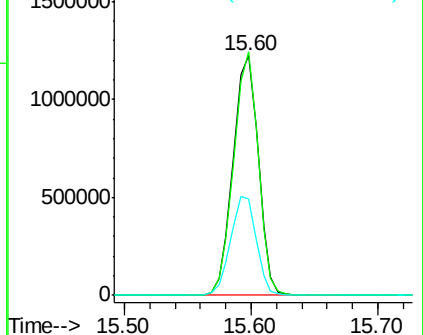
Instrument :
 BNA_M
 ClientSampleId :
 3566-SPP1

Tot Ion:330 Resp: 1690288

Ion	Ratio	Lower	Upper
330	100		
332	98.5	0.0	0.0#
141	41.8	0.0	0.0#



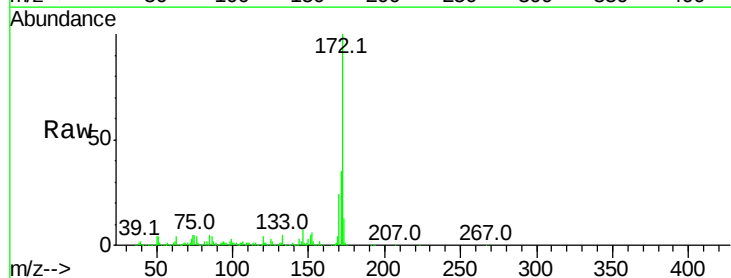
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



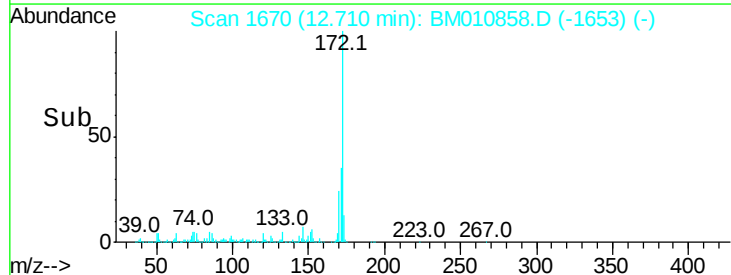
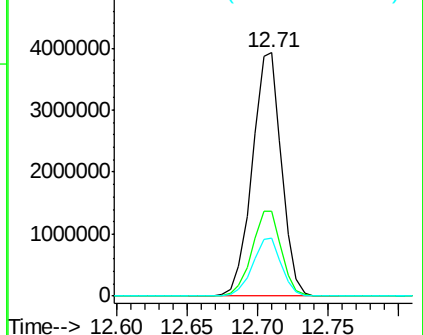
#44
 2-Fluorobiphenyl
 Concen: 93.907 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010858.D
 Acq: 18 Jul 2017 05:20

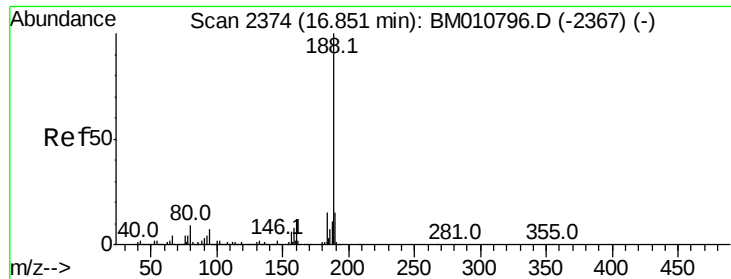
Tgt Ion:172 Resp: 5709711

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.7	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

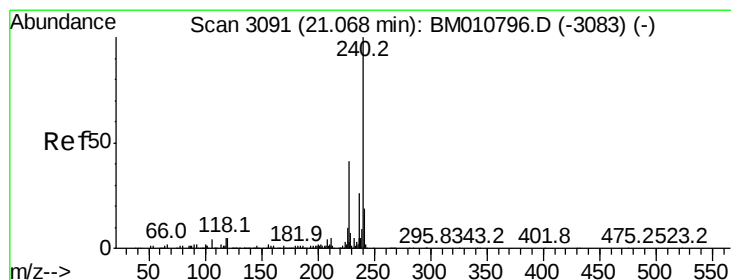
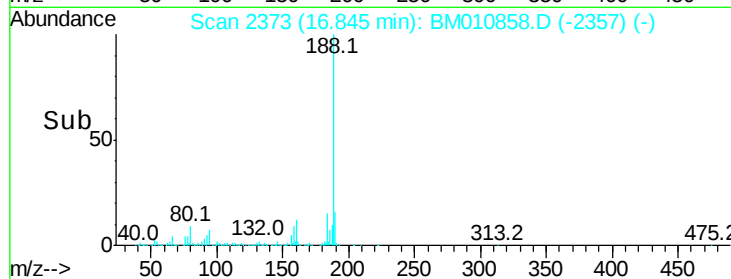
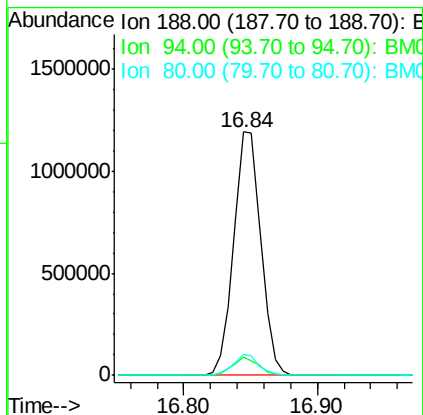
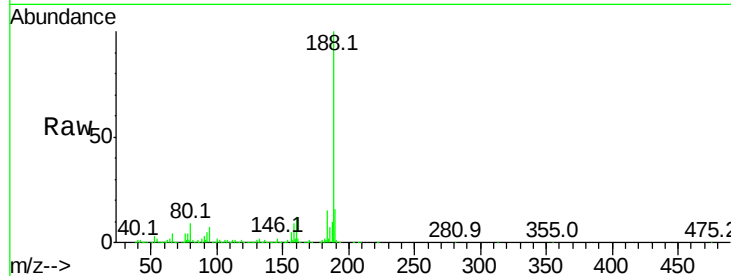




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010858.D
Acq: 18 Jul 2017 05:20

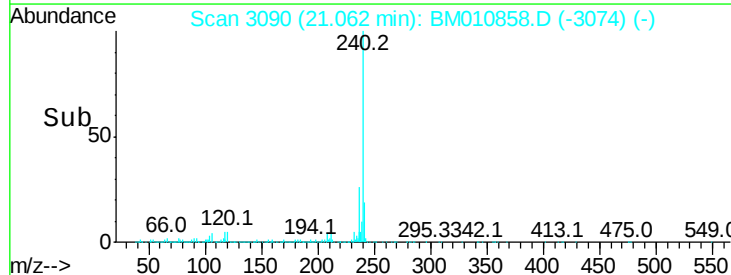
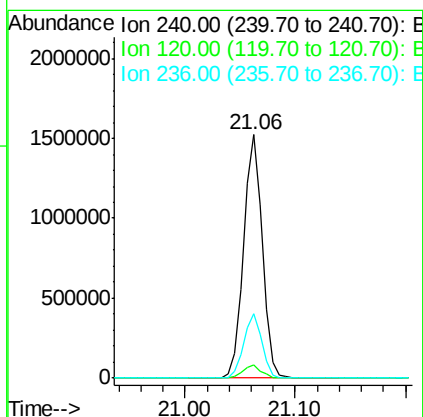
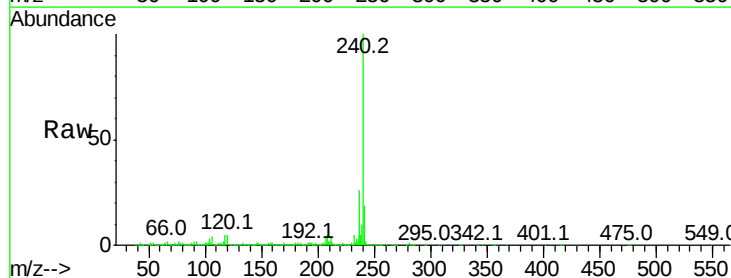
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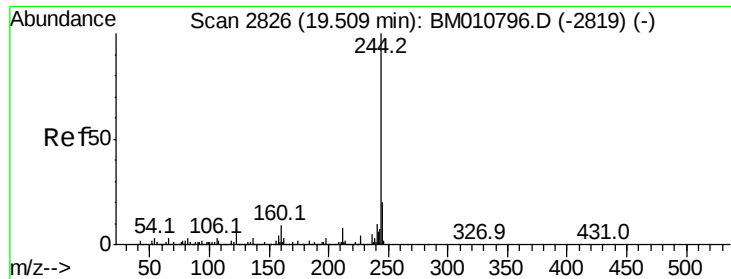
Tot Ion:188 Resp: 1693830
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 8.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010858.D
Acq: 18 Jul 2017 05:20

Tgt Ion:240 Resp: 1816997
Ion Ratio Lower Upper
240 100
120 5.5 8.2 12.2#
236 26.2 20.0 30.0





#78

Terphenyl-d14

Concen: 89.538 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010858.D

Acq: 18 Jul 2017 05:20

Instrument :

BNA_M

ClientSampleId :

3566-SPP1

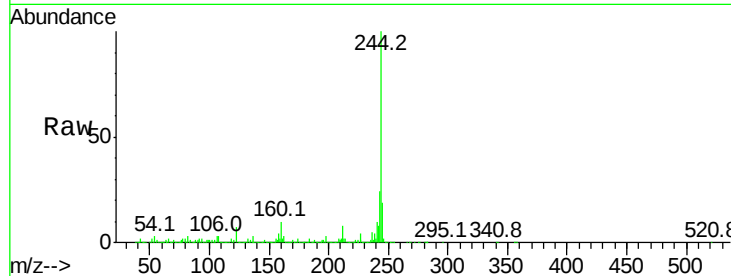
Tot Ion:244 Resp: 8411638

Ion Ratio Lower Upper

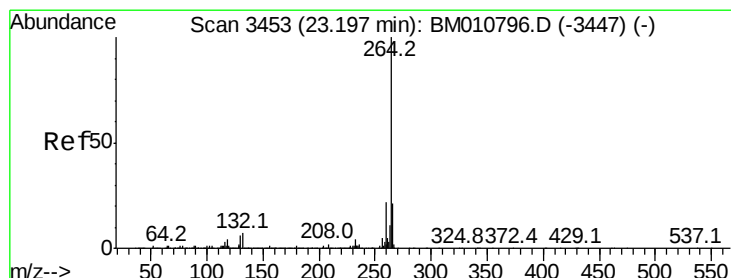
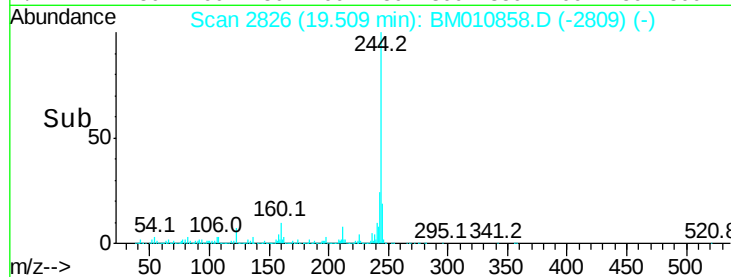
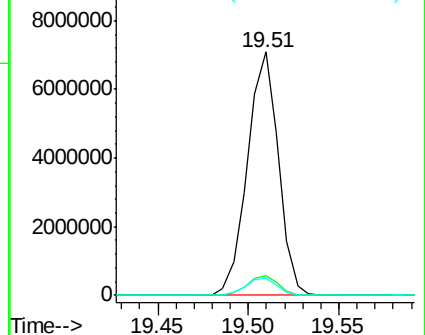
244 100

212 8.2 4.9 7.3#

122 7.0 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: BM010858.D

Acq: 18 Jul 2017 05:20

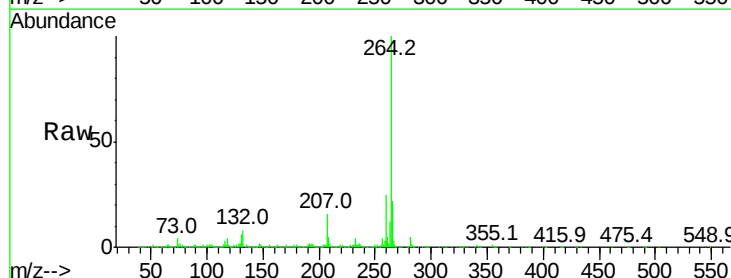
Tgt Ion:264 Resp: 1575282

Ion Ratio Lower Upper

264 100

260 24.7 18.6 27.8

265 22.0 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

