

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071917\
 Data File : BM010898.D
 Acq On : 19 Jul 2017 18:02
 Operator : SJ/JU
 Sample : I4245-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-01-071717-B

Quant Time: Jul 20 01:09:50 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

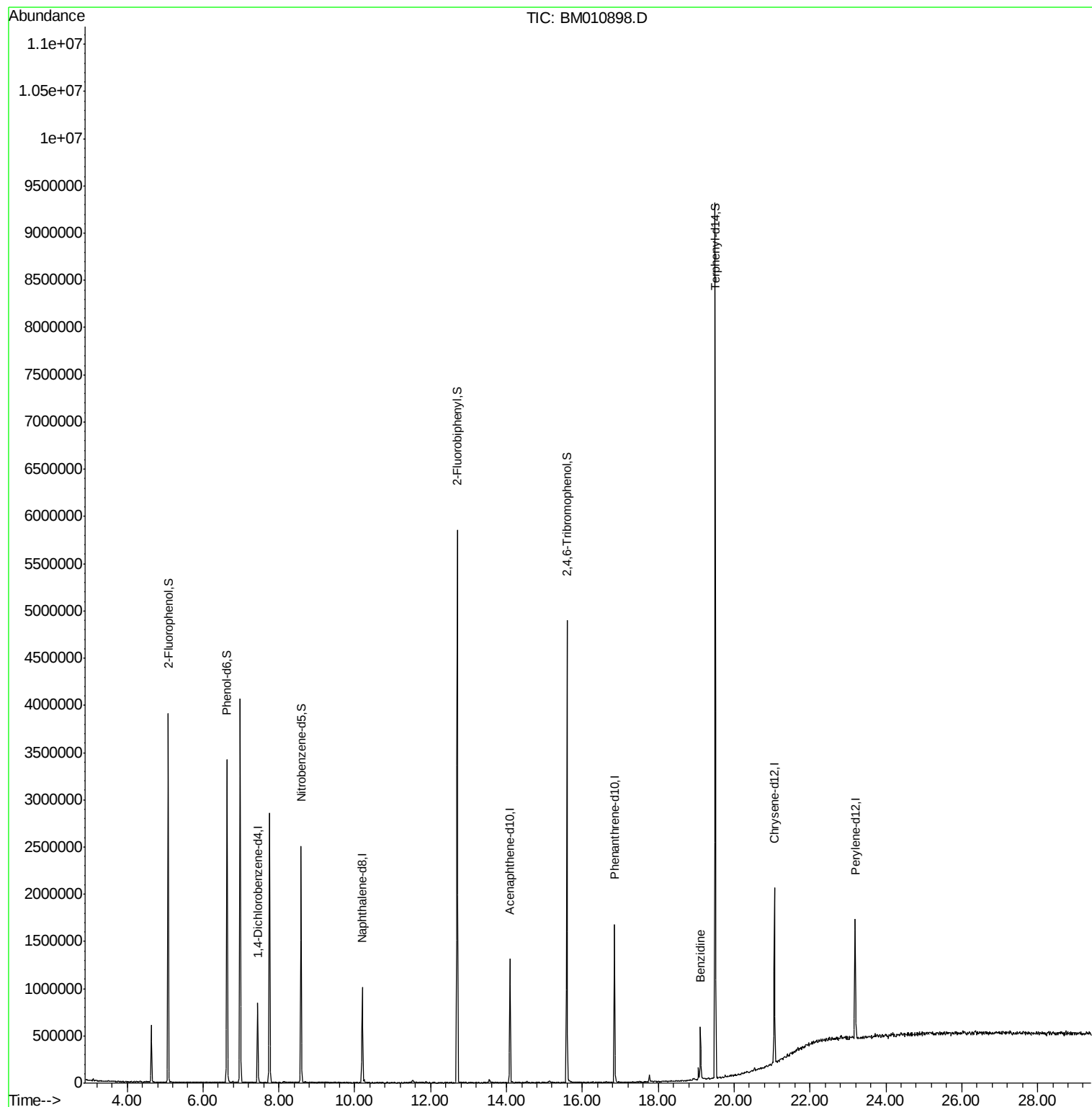
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	173106	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	643365	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	390234	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	874117	20.00	ng	0.00
75) Chrysene-d12	21.06	240	886610	20.00	ng	0.00
86) Perylene-d12	23.19	264	882919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1170961	112.05	ng	0.00
7) Phenol-d6	6.63	99	1437437	99.78	ng	0.00
23) Nitrobenzene-d5	8.59	82	1331878	79.57	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	685499	114.95	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	2538217	80.92	ng	0.00
78) Terphenyl-d14	19.50	244	3552069	77.49	ng	0.00
Target Compounds						
76) Benzidine	19.12	184	289481	12.201	ng	Qvalue 96

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

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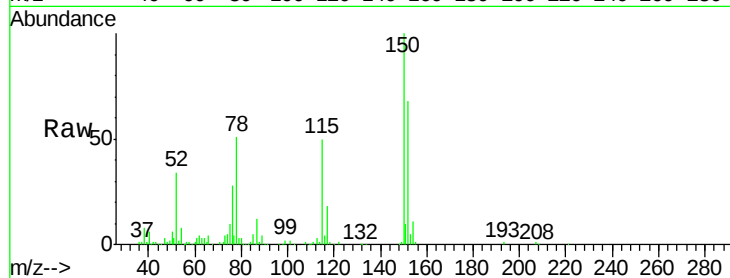


#1

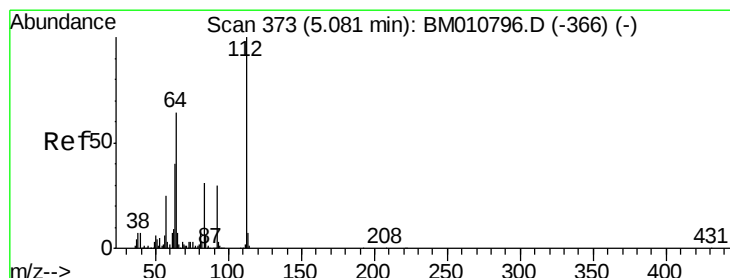
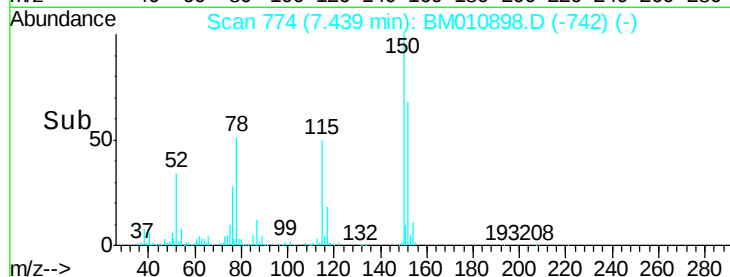
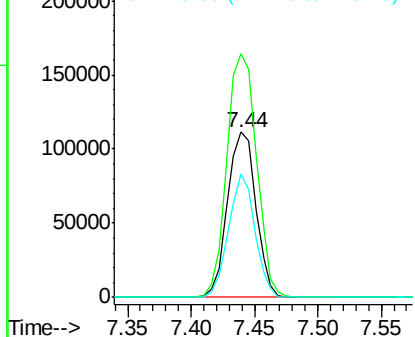
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010898.D
Acq: 19 Jul 2017 18:02

Instrument :
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PL-01-071717-B

Tgt Ion:152 Resp: 173106
Ion Ratio Lower Upper
152 100
150 147.2 119.5 179.3
115 74.3 43.0 64.4#



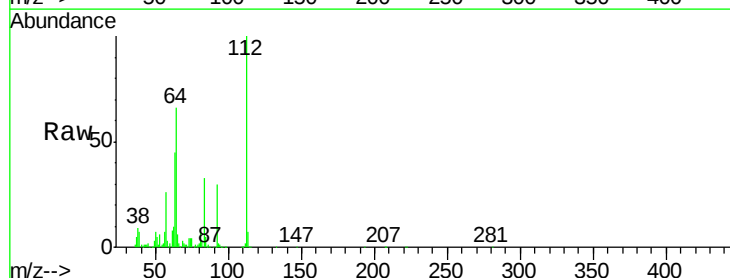
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



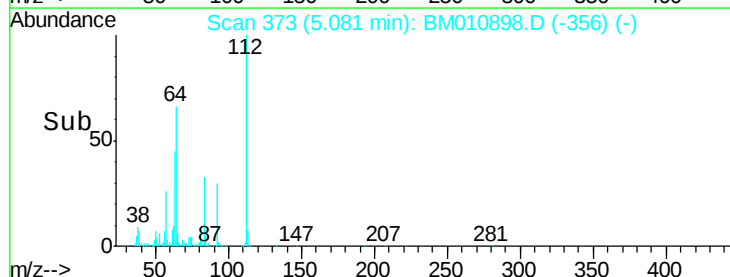
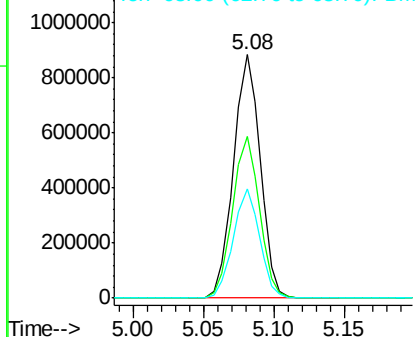
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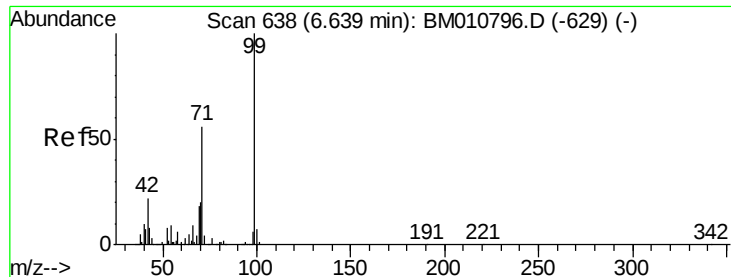
2-Fluorophenol
Concen: 112.052 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010898.D
Acq: 19 Jul 2017 18:02

Tgt Ion:112 Resp: 1170961
Ion Ratio Lower Upper
112 100
64 66.4 38.6 57.8#
63 44.9 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: 99.777 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010898.D

Acq: 19 Jul 2017 18:02

Instrument :

BNA_M

ClientSampleId :

PL-01-071717-B

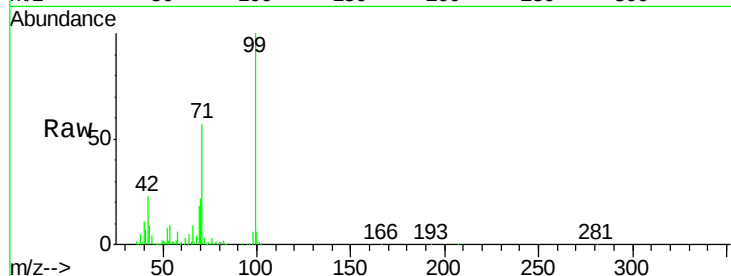
Tgt Ion: 99 Resp: 1437437

Ion Ratio Lower Upper

99 100

42 22.6 11.0 16.4#

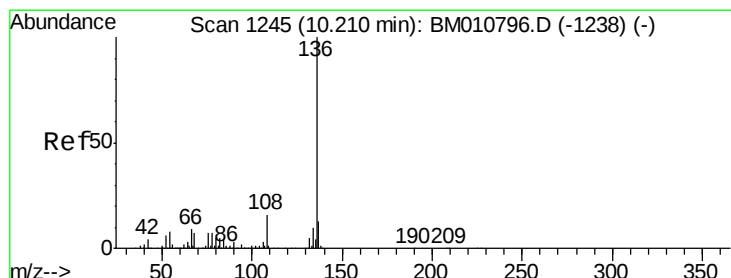
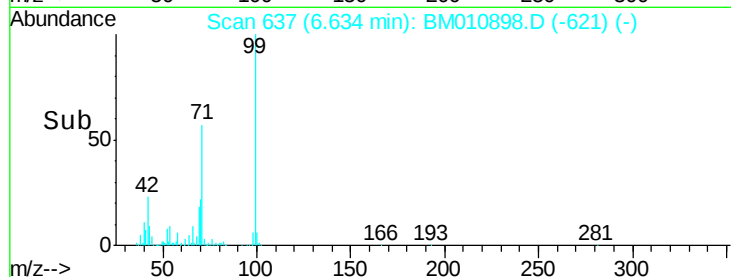
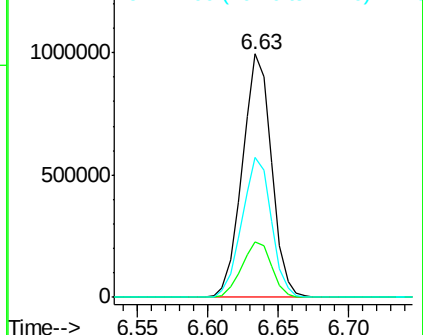
71 57.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010796.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010796.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010898.D

Acq: 19 Jul 2017 18:02

Tgt Ion: 136 Resp: 643365

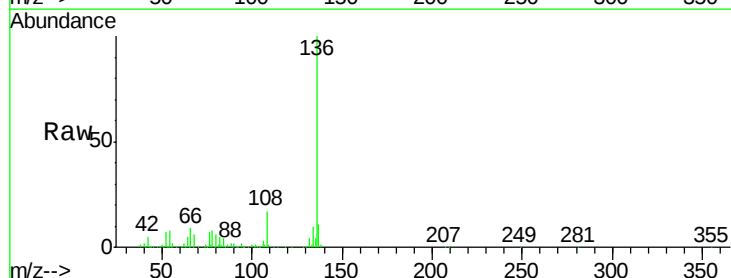
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.4 4.6 6.8#

68 5.8 3.7 5.5#

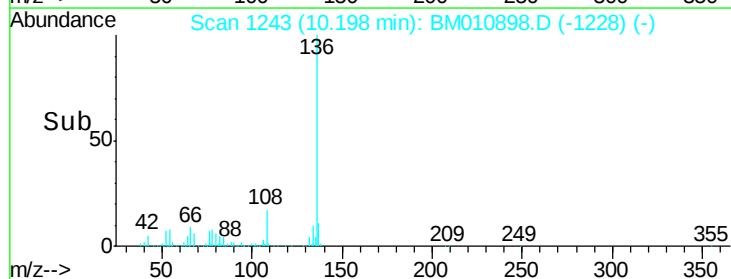
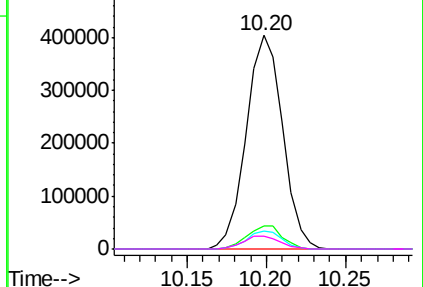


Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM010796.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM010796.D (-1238) (-)

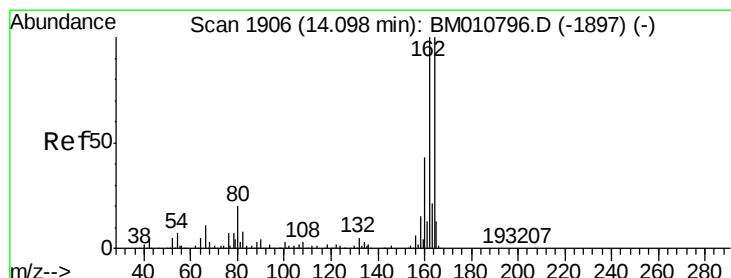
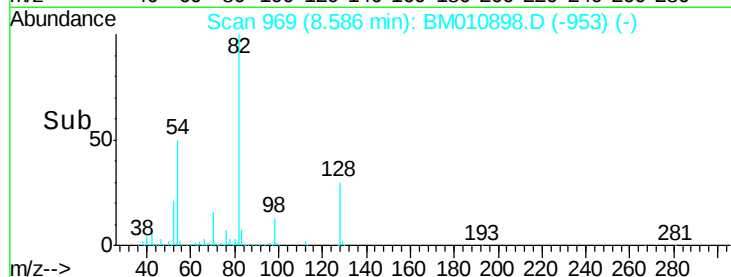
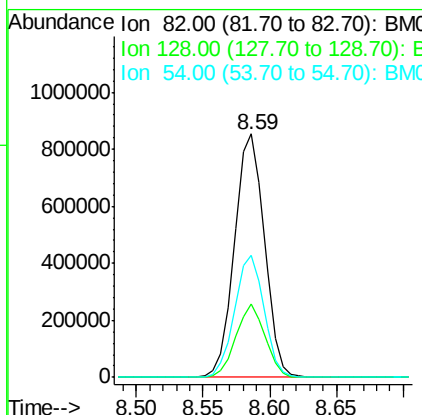
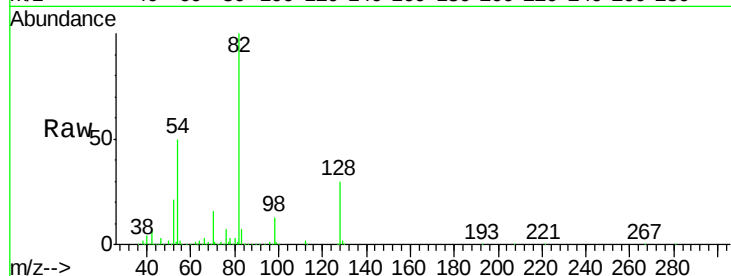




#23
 Nitrobenzene-d5
 Concen: 79.573 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010898.D
 Acq: 19 Jul 2017 18:02

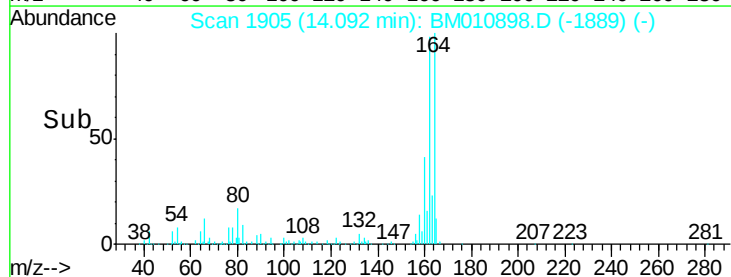
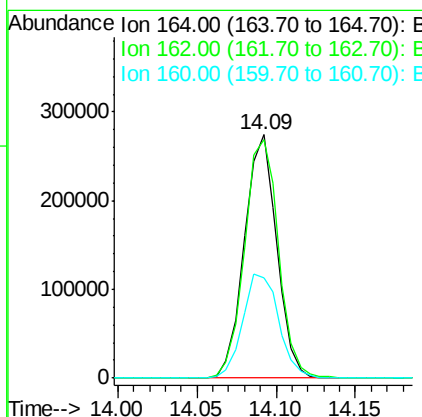
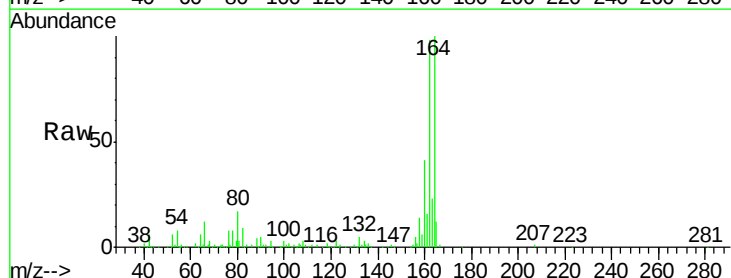
Instrument :
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 PL-01-071717-B

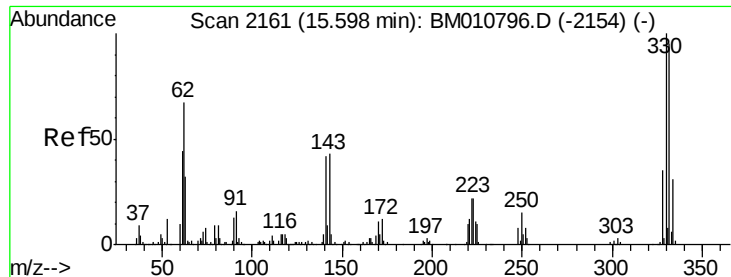
Tgt Ion: 82 Resp: 1331878
 Ion Ratio Lower Upper
 82 100
 128 30.0 32.8 49.2#
 54 50.0 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010898.D
 Acq: 19 Jul 2017 18:02

Tgt Ion: 164 Resp: 390234
 Ion Ratio Lower Upper
 164 100
 162 97.7 82.4 123.6
 160 41.0 35.8 53.6

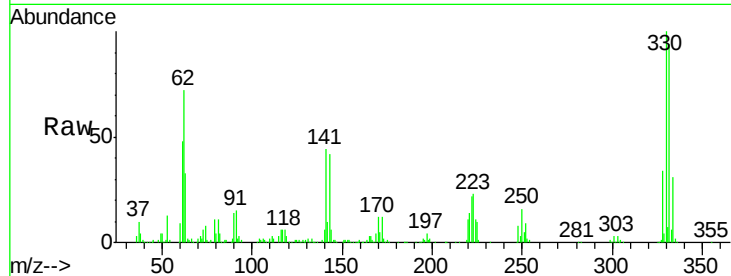




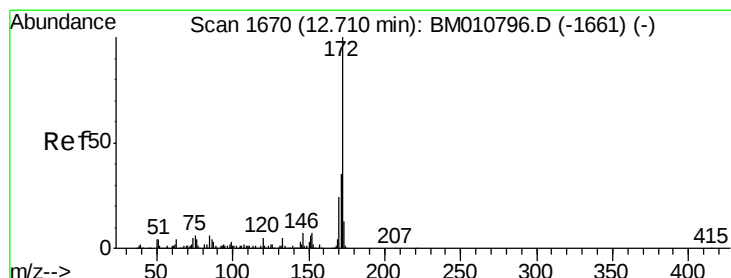
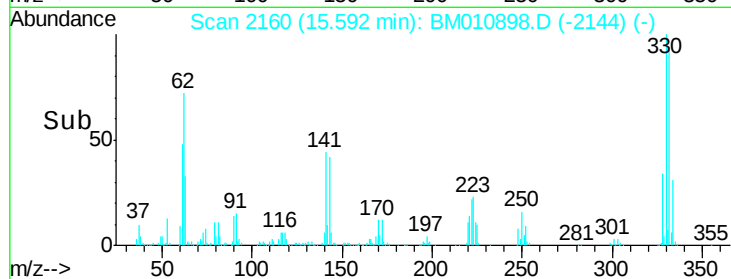
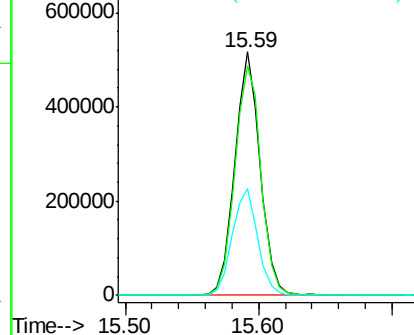
#41
 2,4,6-Tribromophenol
 Concen: 114.949 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010898.D
 Acq: 19 Jul 2017 18:02

Instrument :
 BNA_M
 ClientSampleId :
 PL-01-071717-B

Tgt Ion: 330 Resp: 685499
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 44.3 0.0 0.0#

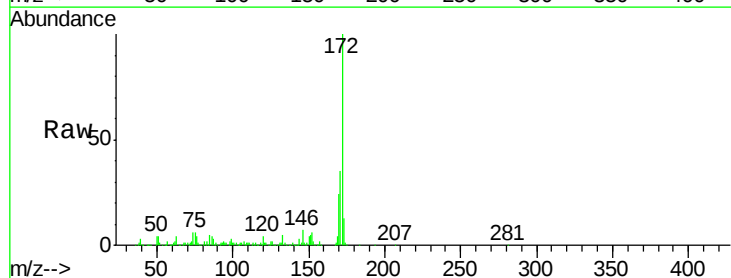


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

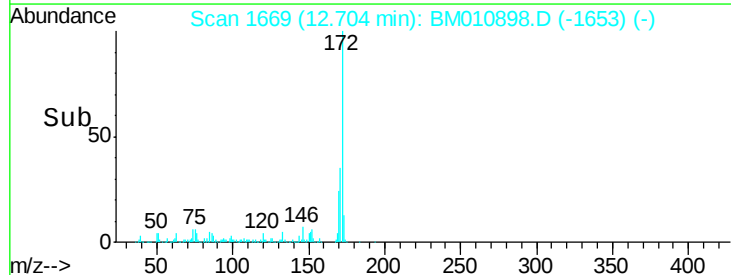
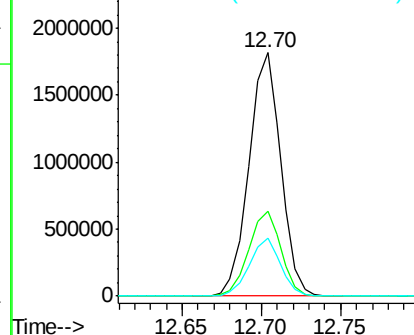


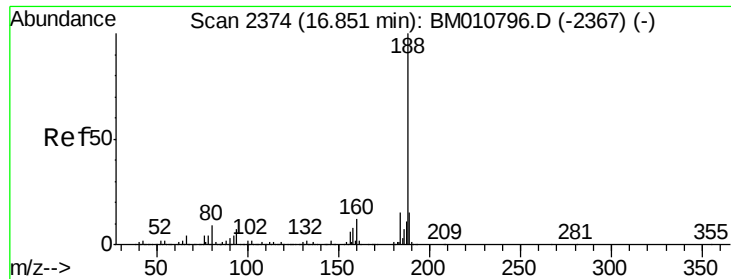
#44
 2-Fluorobiphenyl
 Concen: 80.916 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010898.D
 Acq: 19 Jul 2017 18:02

Tgt Ion: 172 Resp: 2538217
 Ion Ratio Lower Upper
 172 100
 171 34.7 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

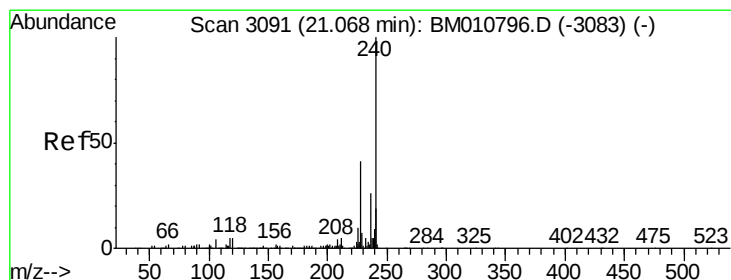
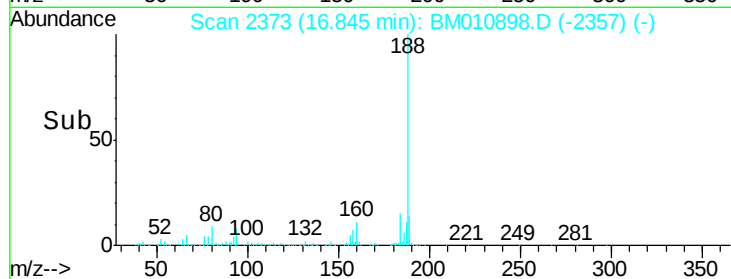
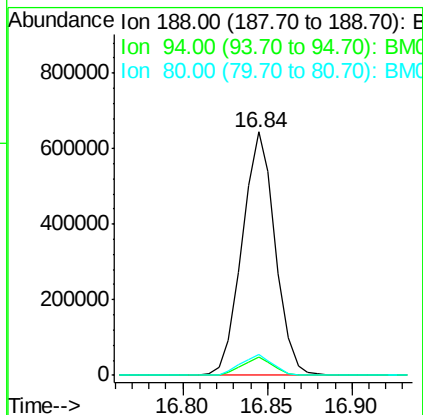
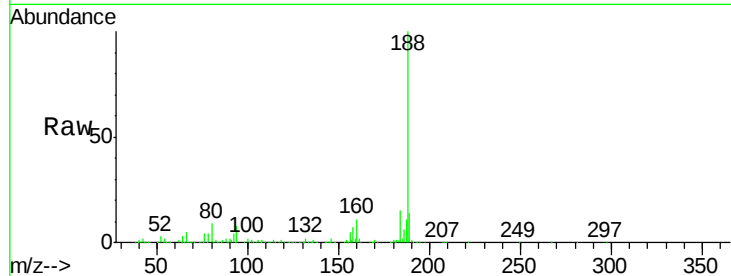




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010898.D
Acq: 19 Jul 2017 18:02

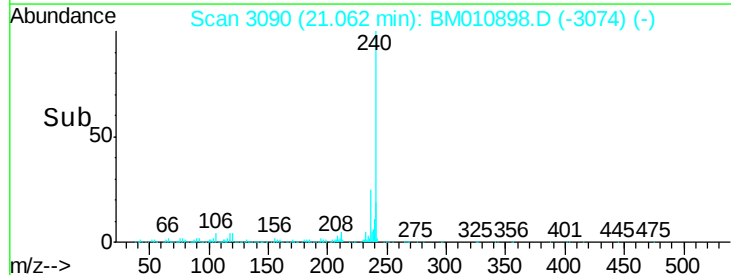
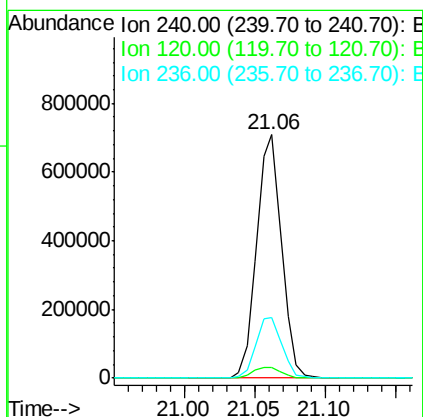
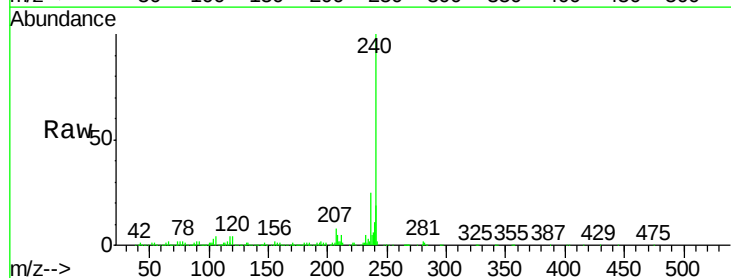
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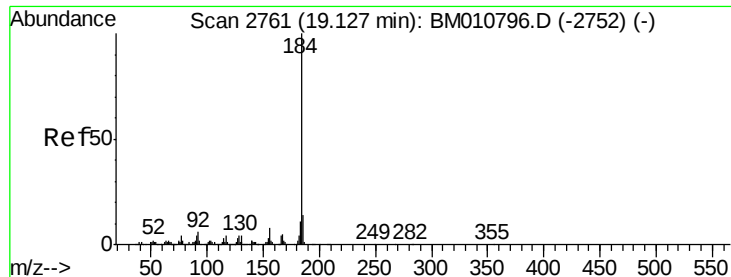
Tgt Ion:188 Resp: 874117
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 8.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010898.D
Acq: 19 Jul 2017 18:02

Tgt Ion:240 Resp: 886610
Ion Ratio Lower Upper
240 100
120 4.4 8.2 12.2#
236 25.1 20.0 30.0

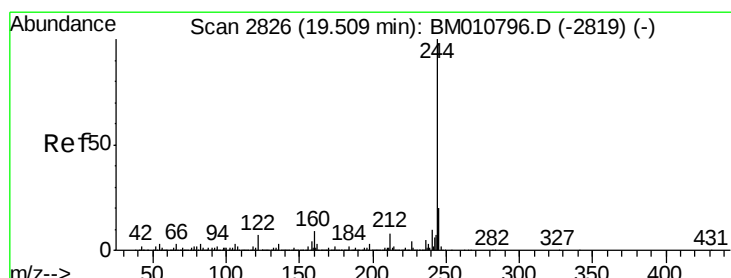
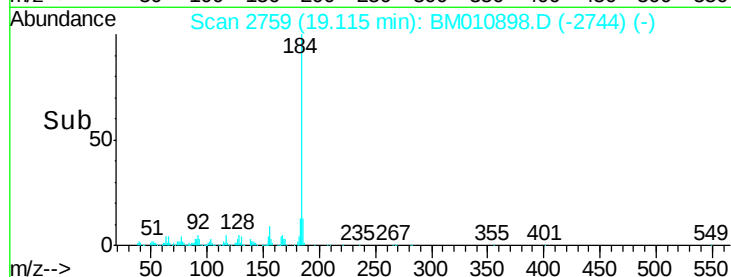
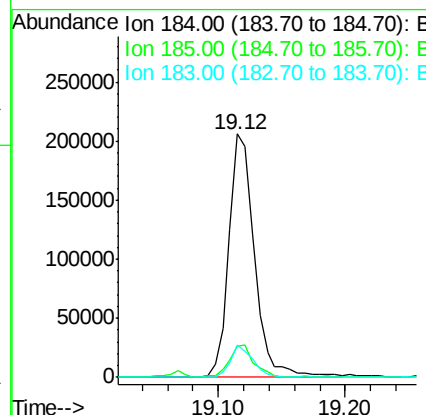
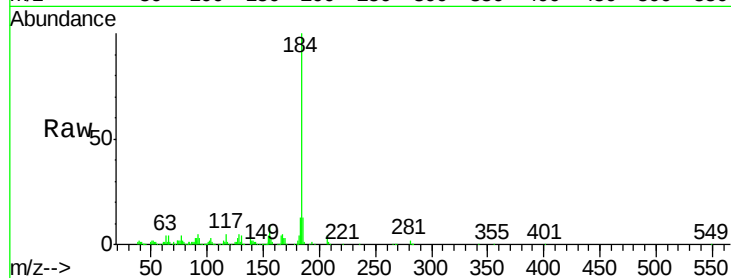




#76
Benzidine
Concen: 12.201 ng
RT: 19.12 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BM010898.D
Acq: 19 Jul 2017 18:02

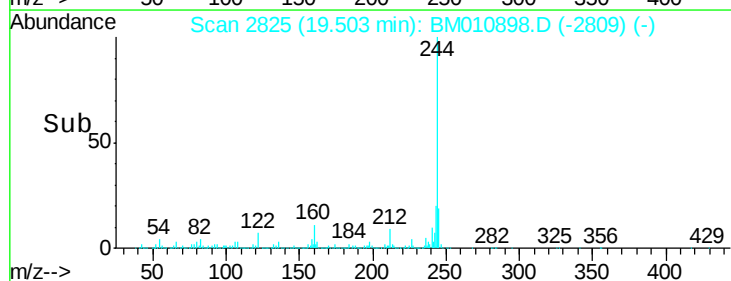
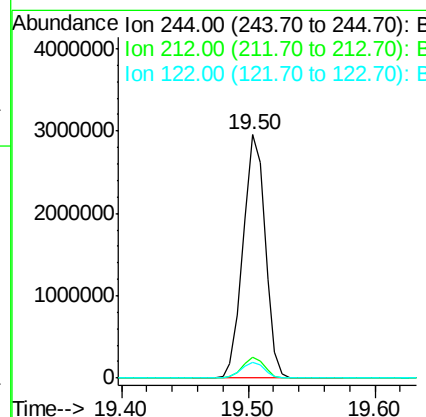
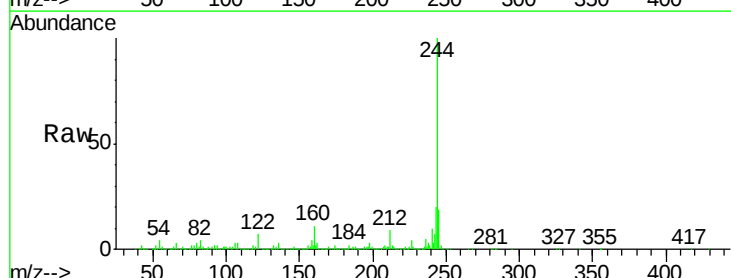
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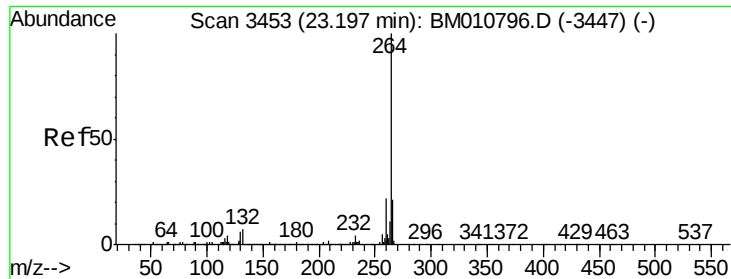
Tgt Ion:184 Resp: 289481
Ion Ratio Lower Upper
184 100
185 12.8 11.3 16.9
183 13.1 8.9 13.3



#78
Terphenyl-d14
Concen: 77.487 ng
RT: 19.50 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM010898.D
Acq: 19 Jul 2017 18:02

Tgt Ion:244 Resp: 3552069
Ion Ratio Lower Upper
244 100
212 8.6 4.9 7.3#
122 6.6 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM010898.D
Acq: 19 Jul 2017 18:02

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.8	17.3	25.9

