

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 :

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

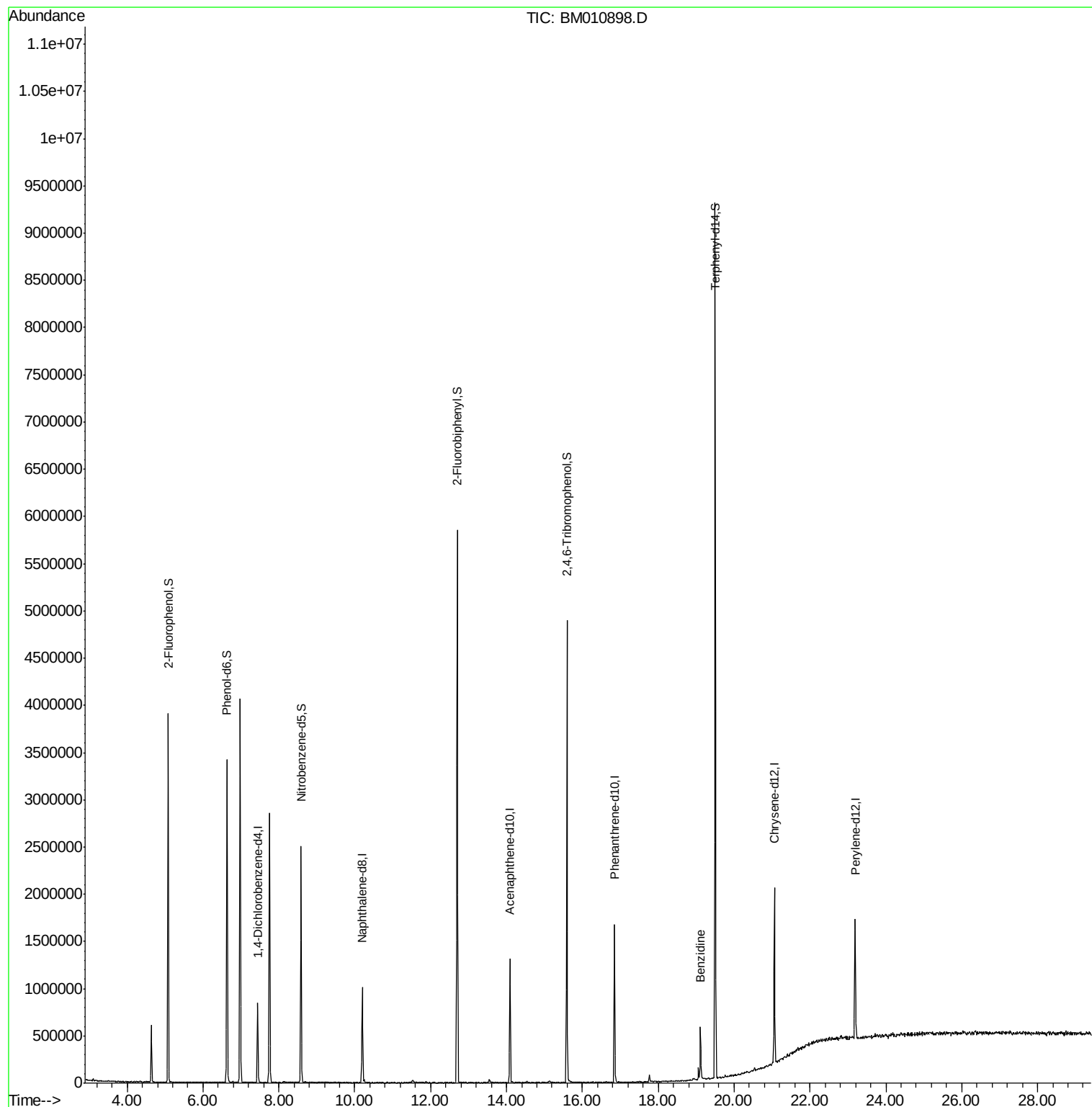
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	173106	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	643365	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	390234	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	874117	20.00	ng	0.00
75) Chrysene-d12	21.06	240	886610	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	12.20	ng	Qvalue 96

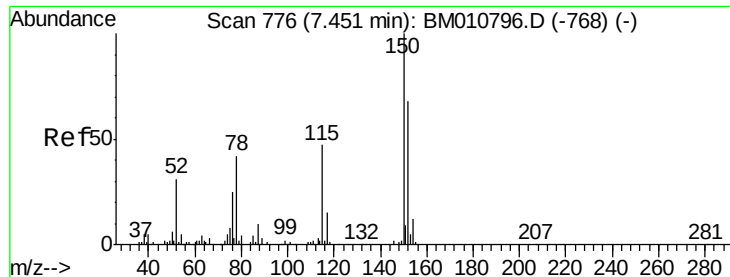
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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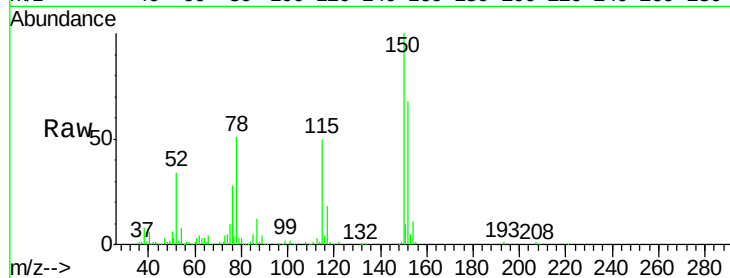


#1

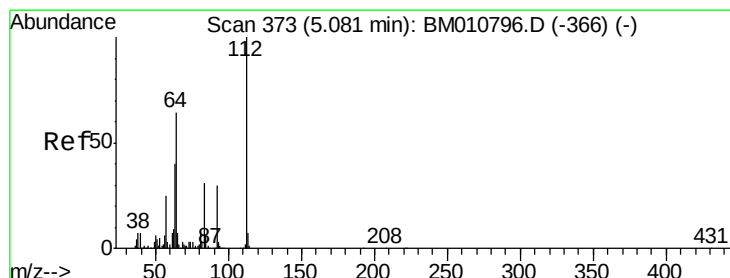
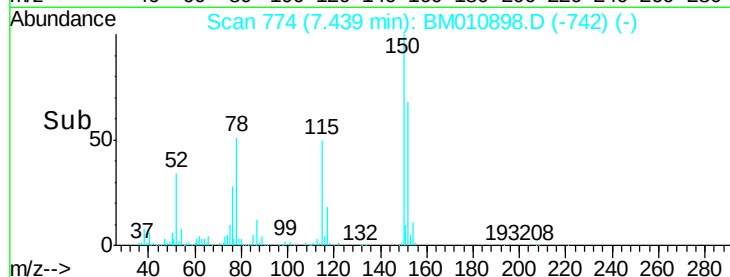
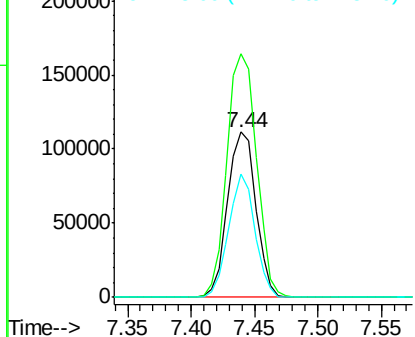
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010898.D
Acq: 19 Jul 2017 18:02

Instrument :
BNA_M
ClientSampled :

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



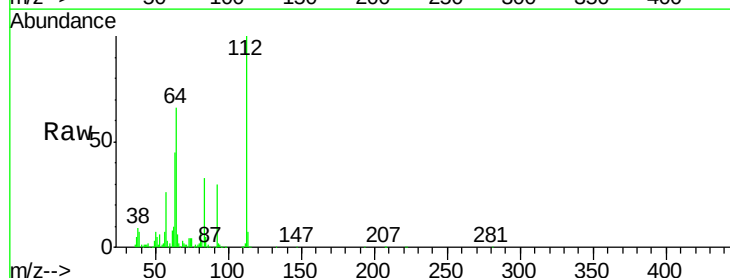
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



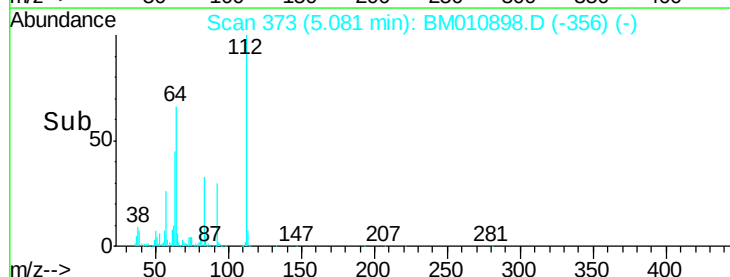
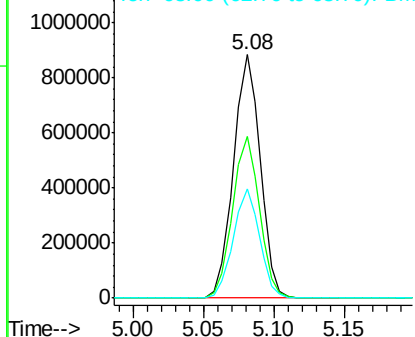
#5

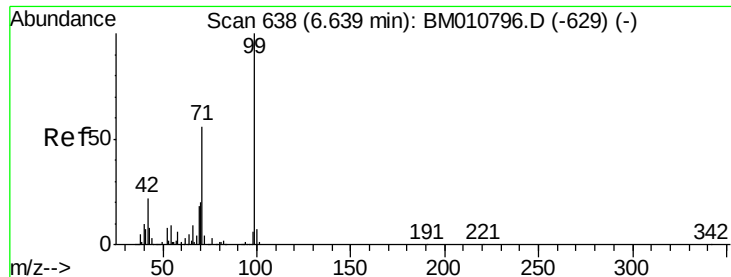
2-Fluorophenol
Concen: 112.05 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010898.D
Acq: 19 Jul 2017 18:02

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: 99.78 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 :

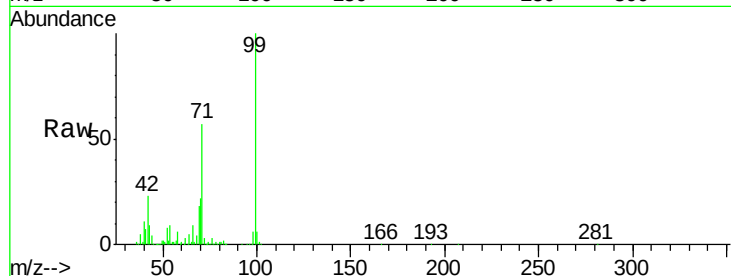
Tot Ion: 99 Resp: 1437437

Ion Ratio Lower Upper

99 100

42 22.6 11.0 16.4#

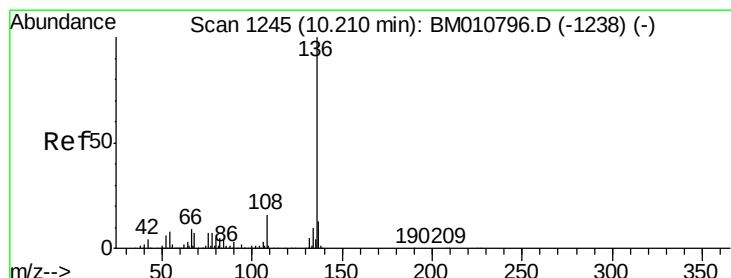
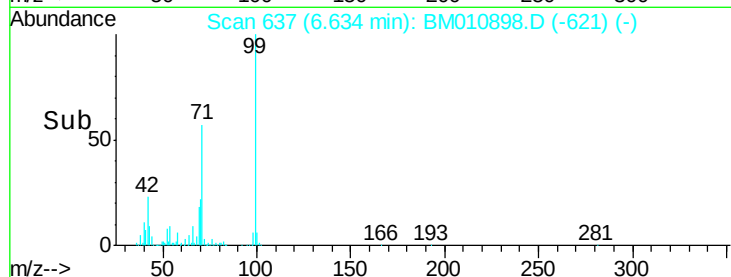
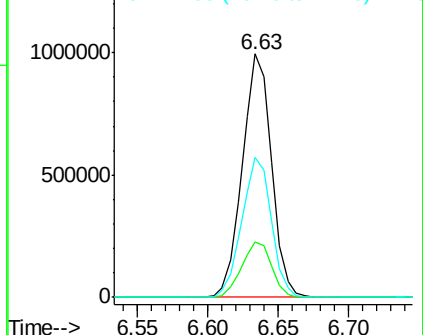
71 57.2 23.4 35.2#



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: 20.00 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

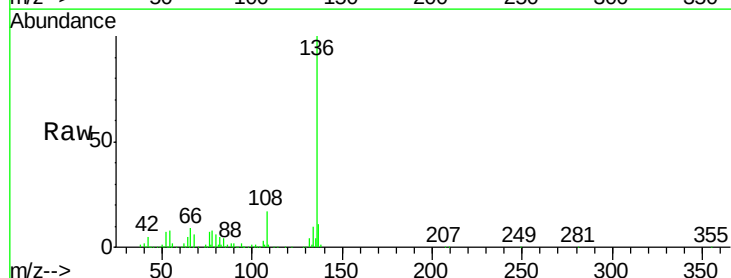
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.4 4.6 6.8#

68 5.8 3.7 5.5#

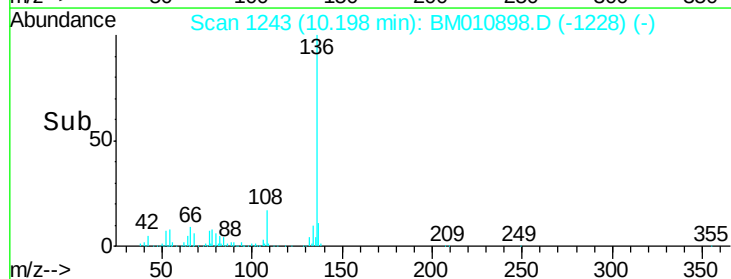
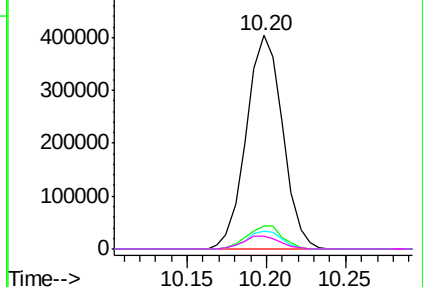


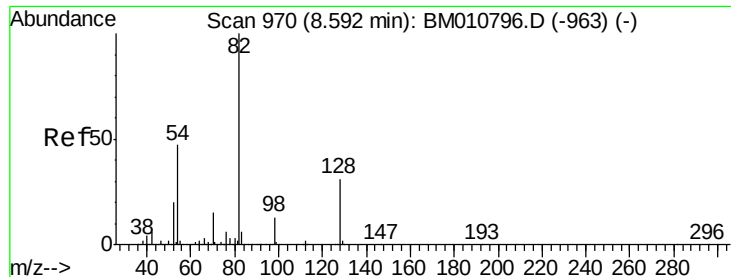
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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) (-)

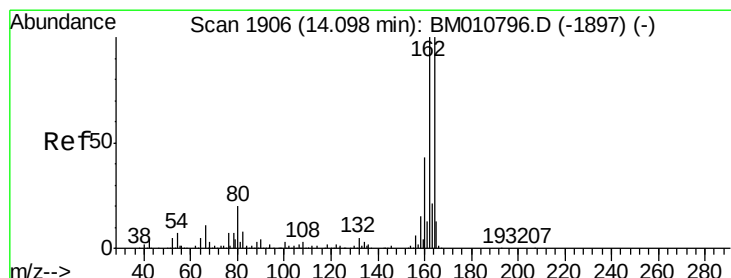
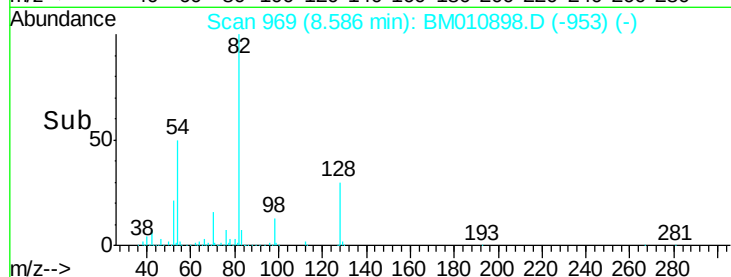
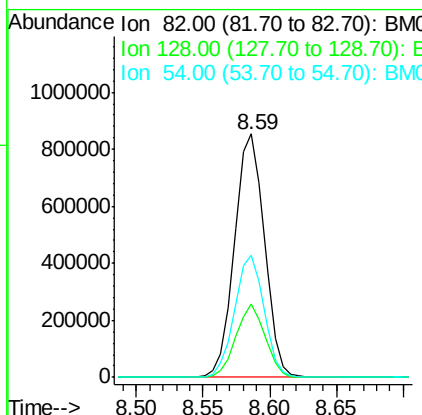
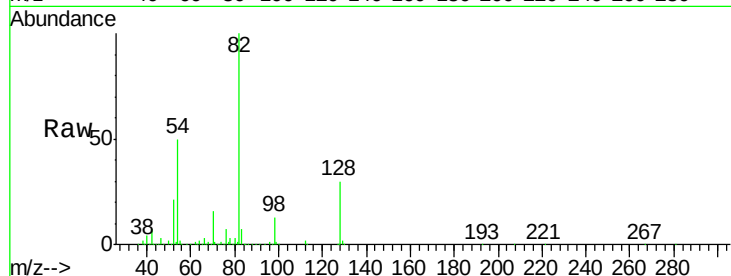




#23
Nitrobenzene-d5
Concen: 79.57 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM010898.D
Acq: 19 Jul 2017 18:02

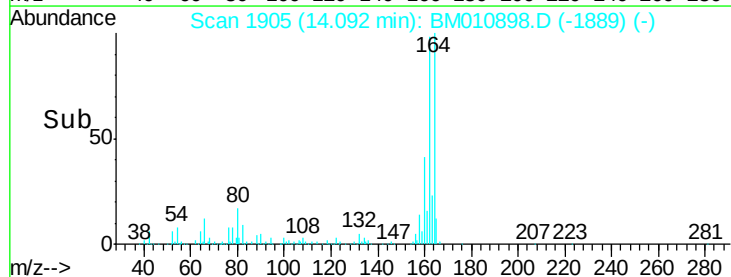
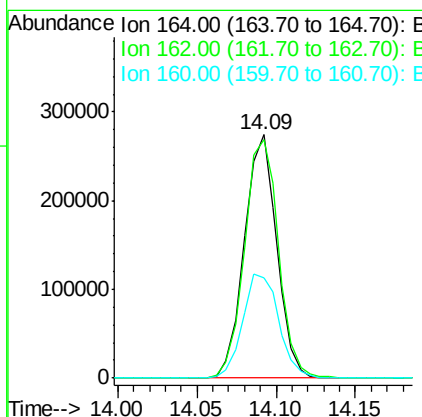
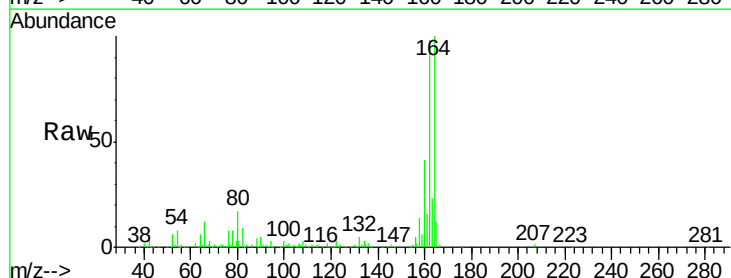
Instrument :
BNA_M
ClientSampled :

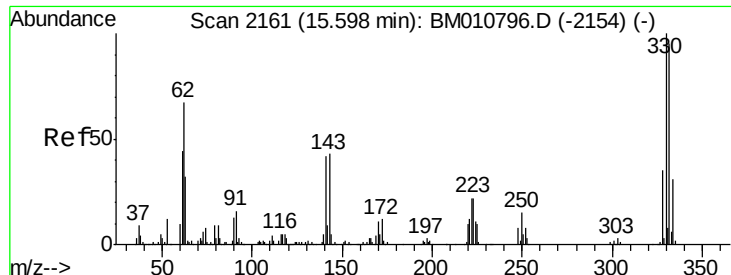
Tot Ion: 82 Resp: 1331878
Ion Ratio Lower Upper
82 100
128 30.0 32.8 49.2#
54 50.0 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 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

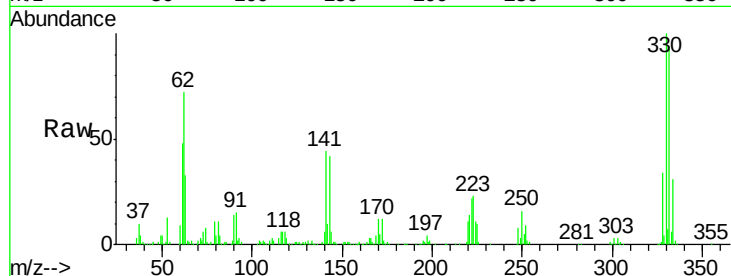




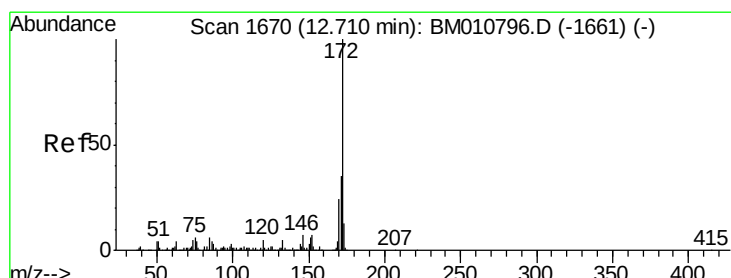
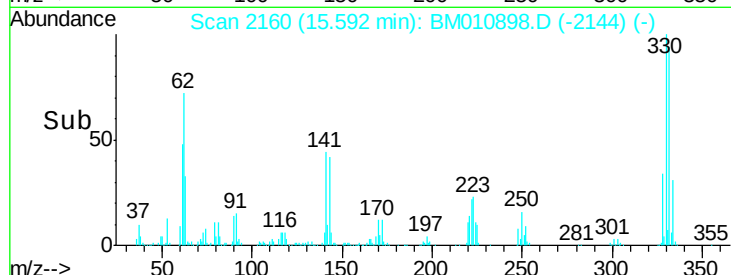
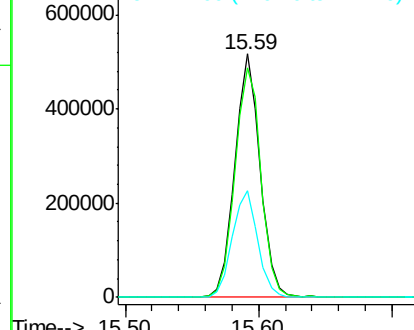
#41
 2,4,6-Tribromophenol
 Concen: 114.95 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010898.D
 Acq: 19 Jul 2017 18:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	44.3	0.0	0.0#

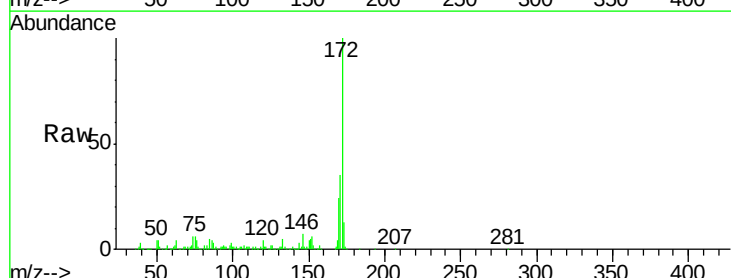


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

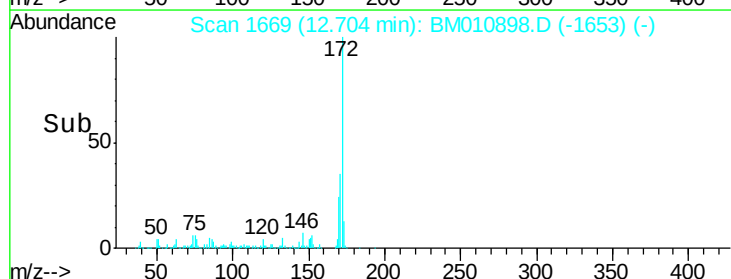
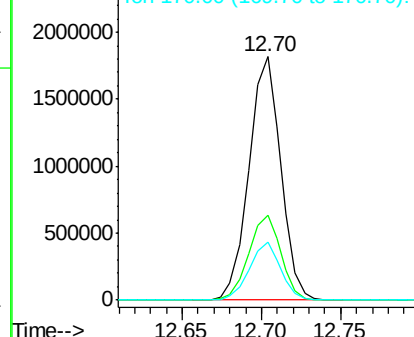


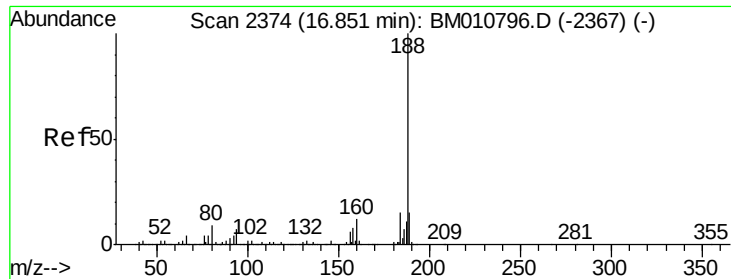
#44
 2-Fluorobiphenyl
 Concen: 80.92 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010898.D
 Acq: 19 Jul 2017 18:02

Tgt Ion	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

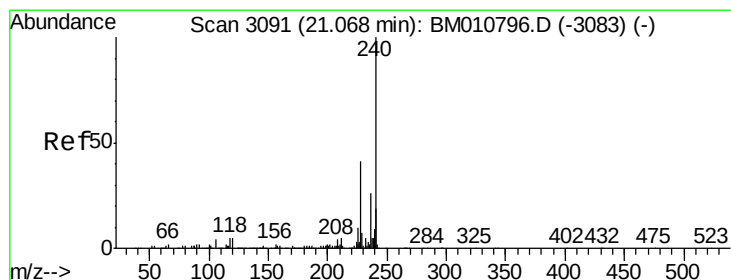
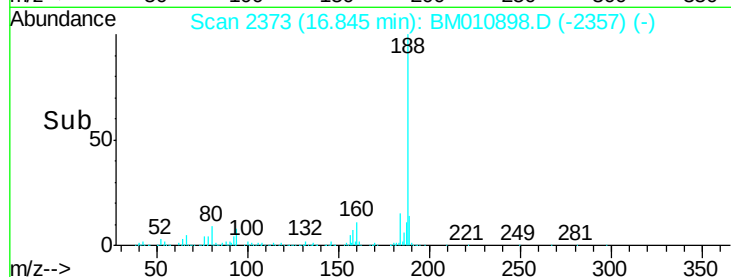
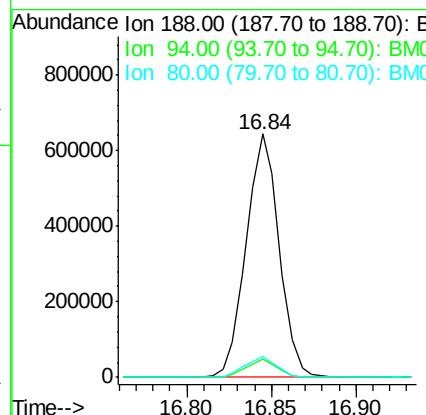
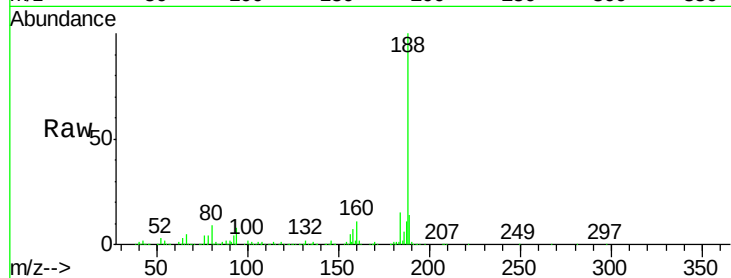




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010898.D
Acq: 19 Jul 2017 18:02

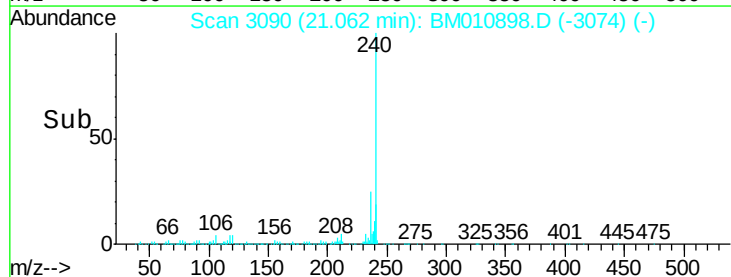
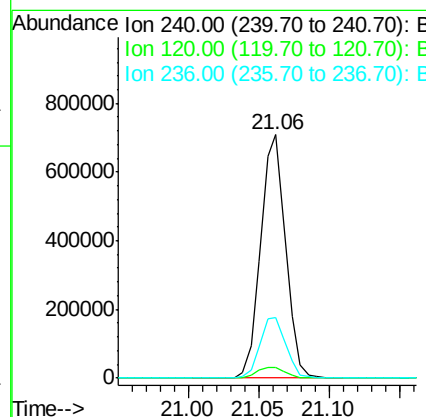
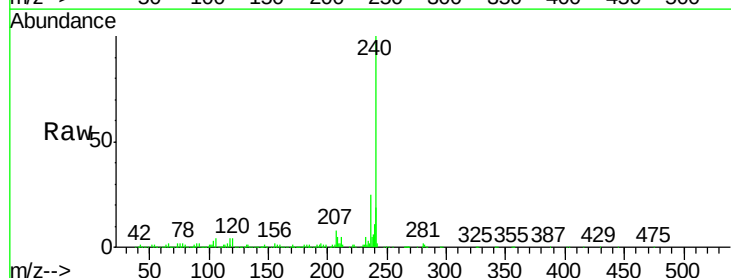
Instrument :
BNA_M
ClientSampleId :

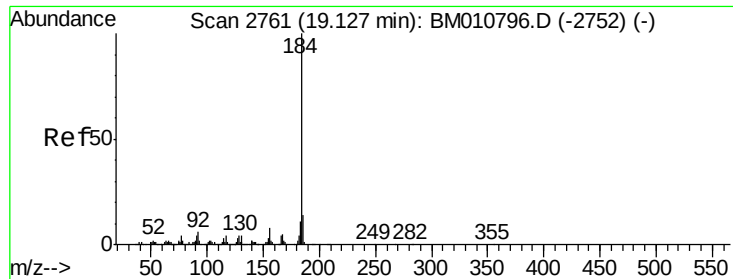
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.7	13.1#
80	8.6	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 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	Ratio	Lower	Upper
240	100		
120	4.4	8.2	12.2#
236	25.1	20.0	30.0





#76

Benzidine

Concen: 12.20 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BM010898.D

Acq: 19 Jul 2017 18:02

Instrument :

BNA_M

ClientSampleId :

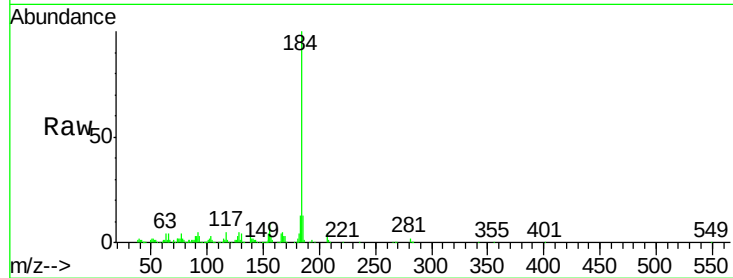
Tot Ion:184 Resp: 289481

Ion Ratio Lower Upper

184 100

185 12.8 11.3 16.9

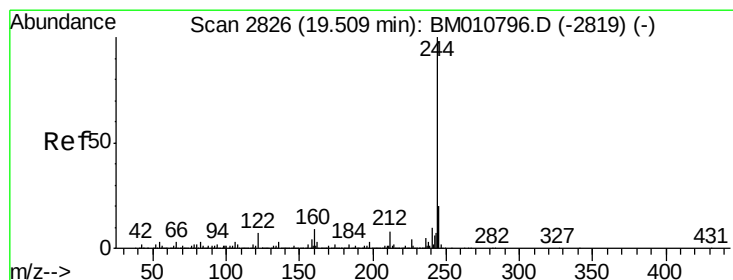
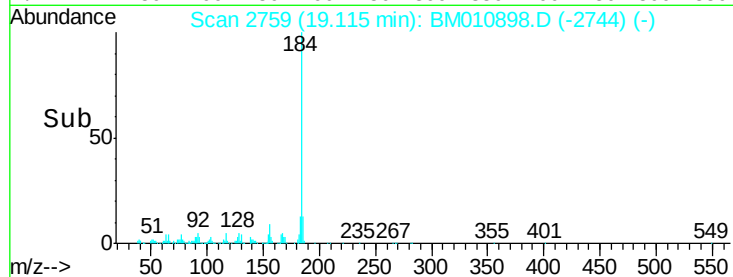
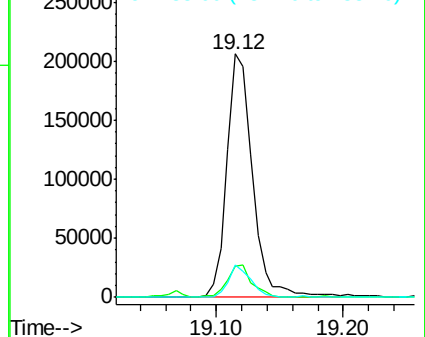
183 13.1 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 77.49 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010898.D

Acq: 19 Jul 2017 18:02

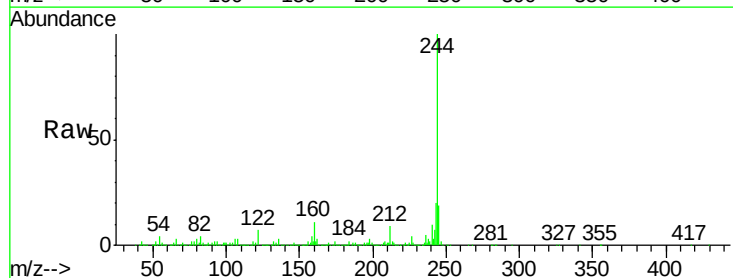
Tgt Ion:244 Resp: 3552069

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

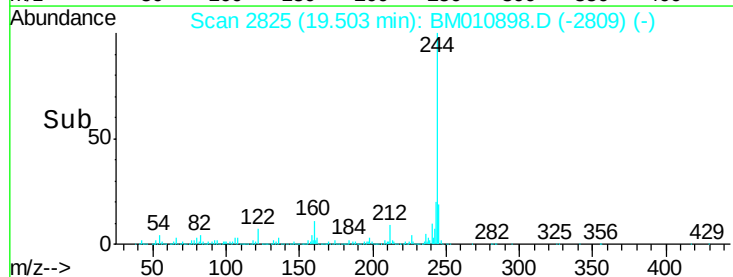
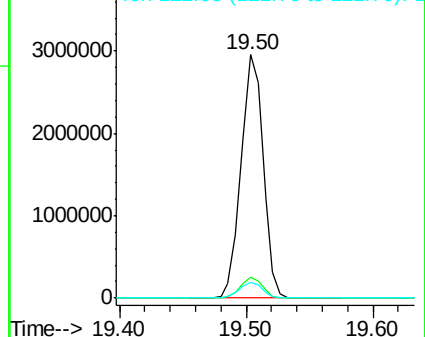
122 6.6 6.2 9.4

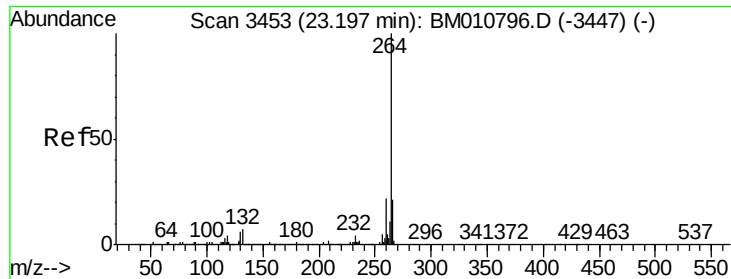


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

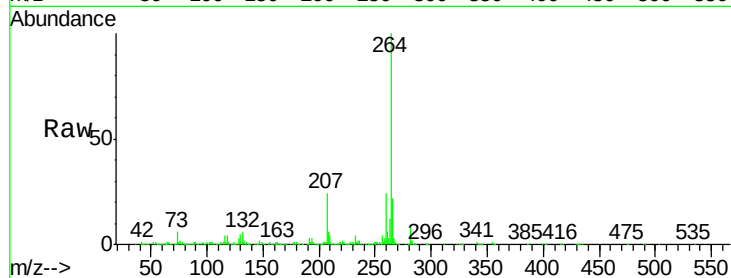




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.19 min Scan# 3452
 Delta R.T. -0.01 min
 Lab File: BM010898.D
 Acq: 19 Jul 2017 18:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.8	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

