

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071917\
 Data File : BM010895.D
 Acq On : 19 Jul 2017 16:13
 Operator : SJ/JU
 Sample : I4234-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 01:09:10 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

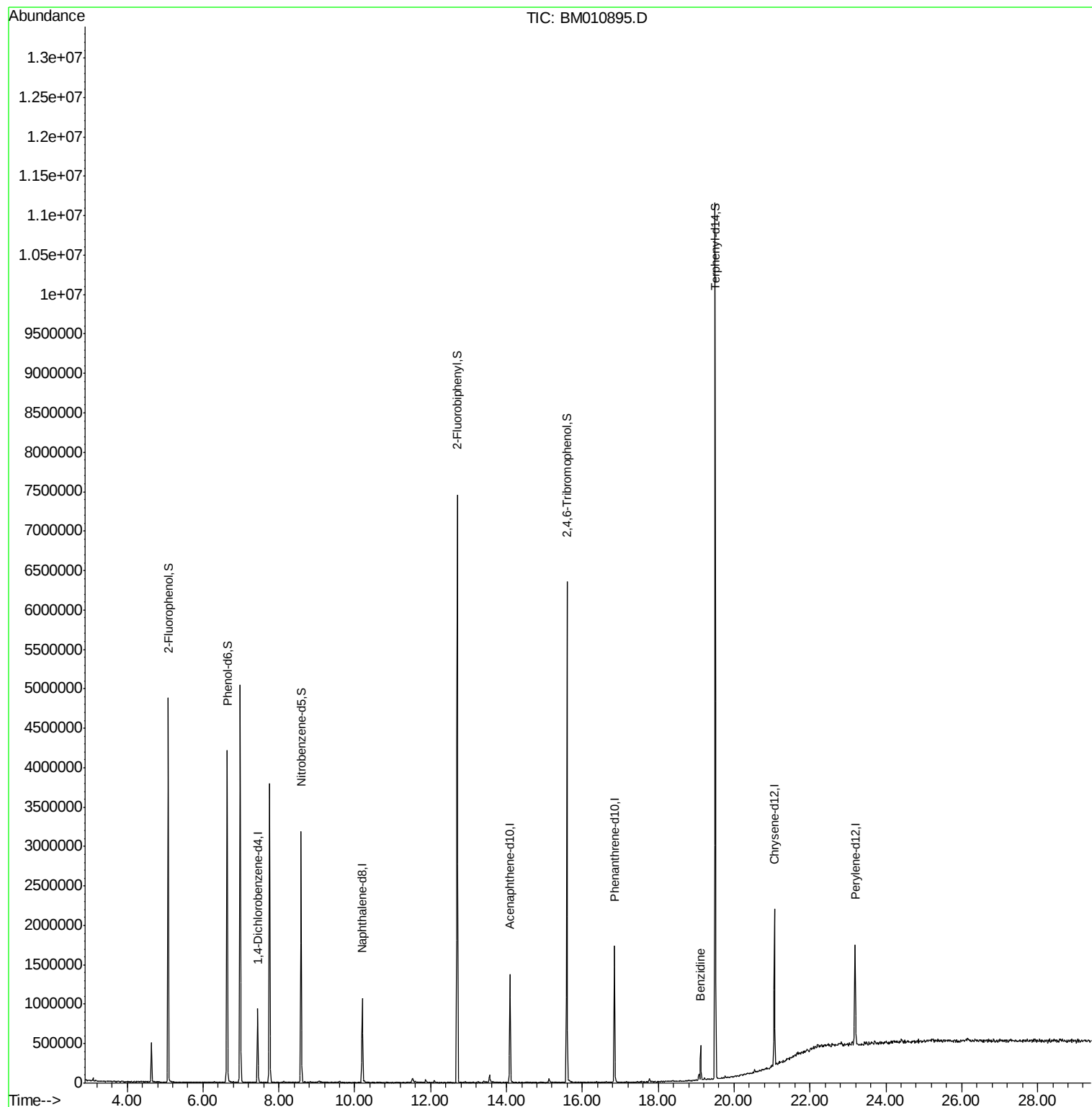
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	184058	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	686444	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	403939	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	900247	20.00	ng	0.00
75) Chrysene-d12	21.06	240	939120	20.00	ng	0.00
86) Perylene-d12	23.19	264	934626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1507588	135.68	ng	0.00
7) Phenol-d6	6.64	99	1842746	120.30	ng	0.00
23) Nitrobenzene-d5	8.59	82	1712777	95.91	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	860497	139.40	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3270158	100.71	ng	0.00
78) Terphenyl-d14	19.50	244	4332181	89.22	ng	0.00
Target Compounds						
76) Benzidine	19.12	184	226664	9.02	ng	Qvalue 97

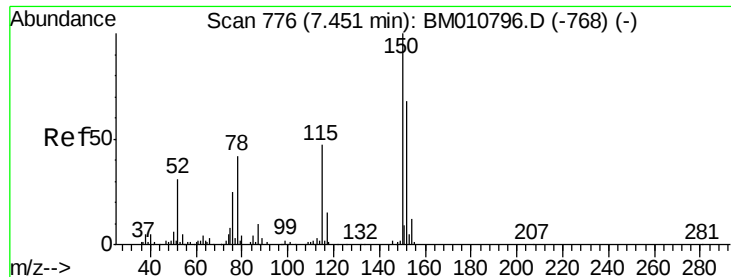
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010895.D

Acq: 19 Jul 2017 16:13

Instrument :

BNA_M

ClientSampleId :

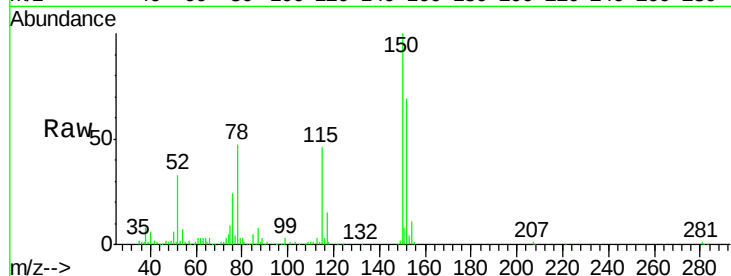
Tot Ion:152 Resp: 184058

Ion Ratio Lower Upper

152 100

150 145.6 119.5 179.3

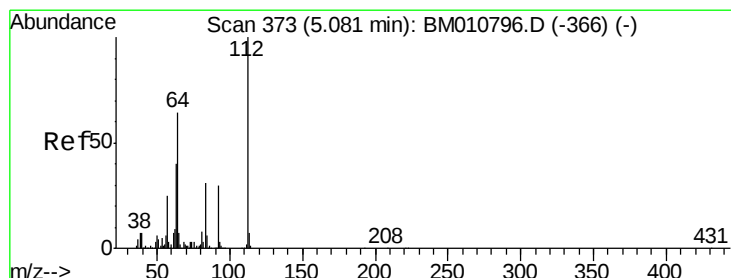
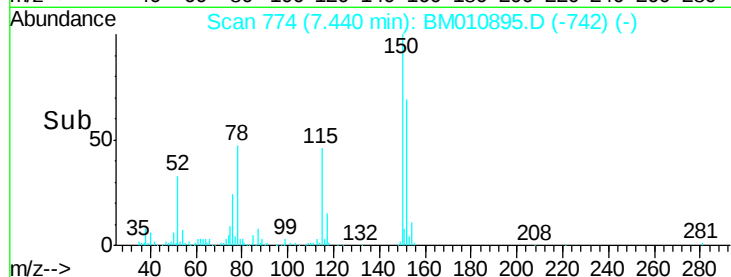
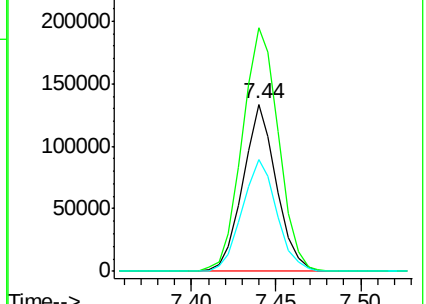
115 66.5 43.0 64.4#



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: 135.68 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010895.D

Acq: 19 Jul 2017 16:13

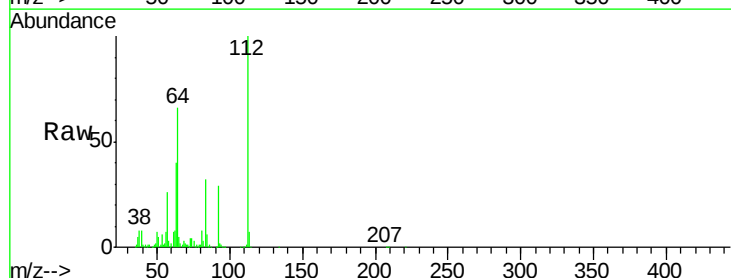
Tgt Ion:112 Resp: 1507588

Ion Ratio Lower Upper

112 100

64 66.1 38.6 57.8#

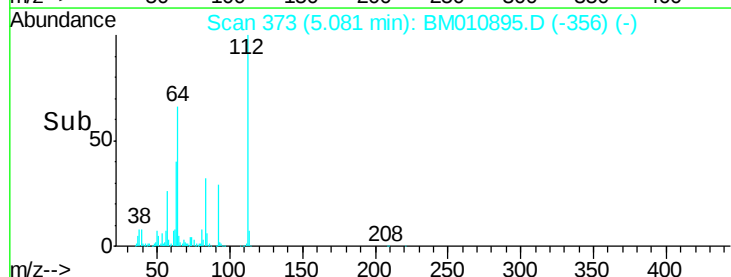
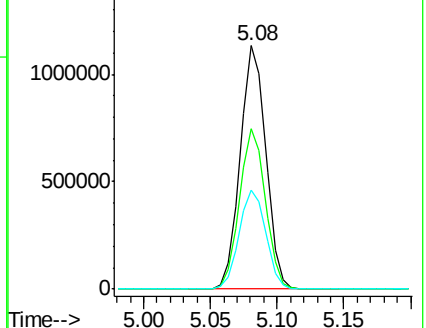
63 40.4 19.3 28.9#

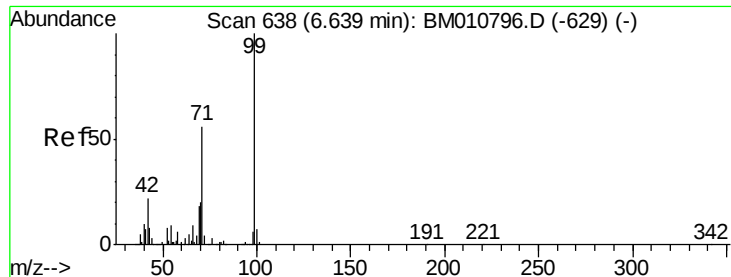


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 120.30 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010895.D

Acq: 19 Jul 2017 16:13

Instrument :

BNA_M

ClientSampleId :

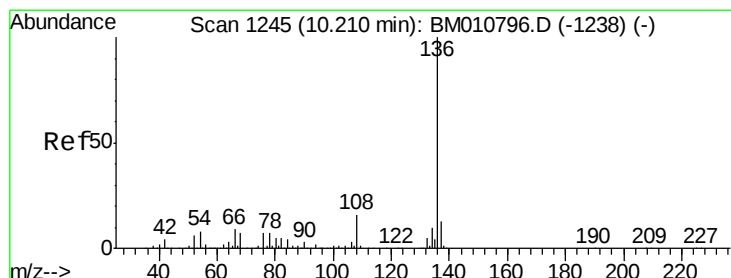
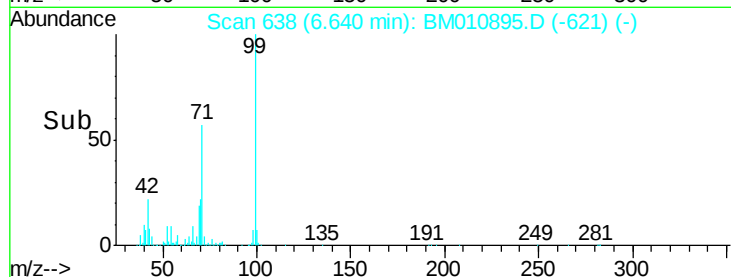
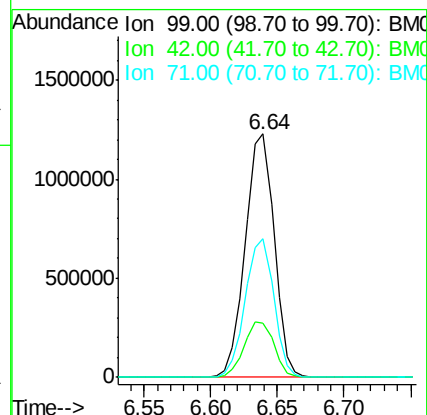
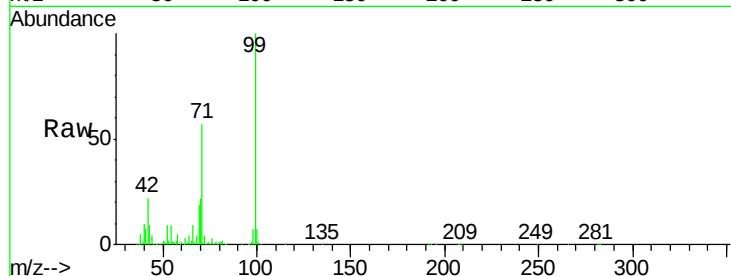
Tot Ion: 99 Resp: 1842746

Ion Ratio Lower Upper

99 100

42 22.5 11.0 16.4#

71 57.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010895.D

Acq: 19 Jul 2017 16:13

Tgt Ion: 136 Resp: 686444

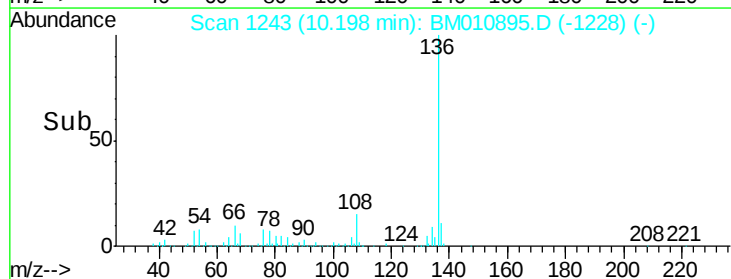
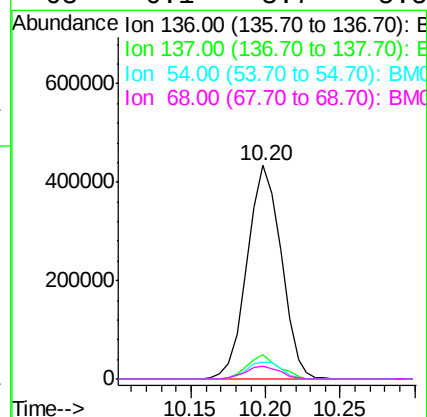
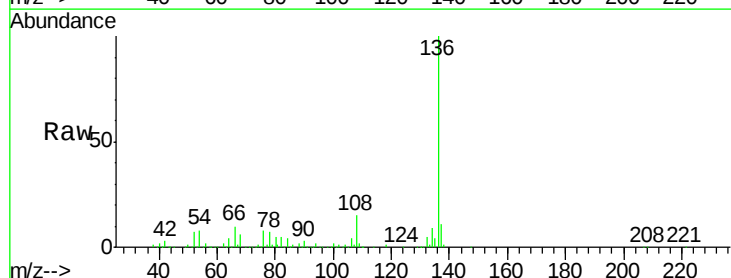
Ion Ratio Lower Upper

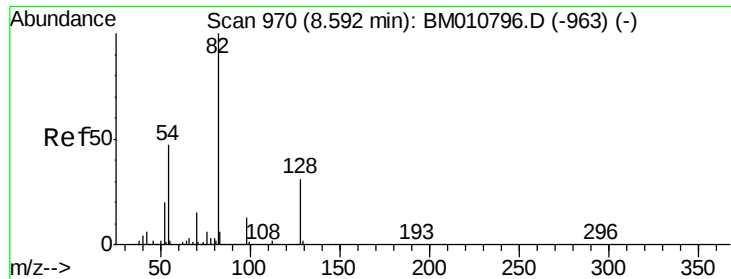
136 100

137 11.1 8.7 13.1

54 7.7 4.6 6.8#

68 6.1 3.7 5.5#

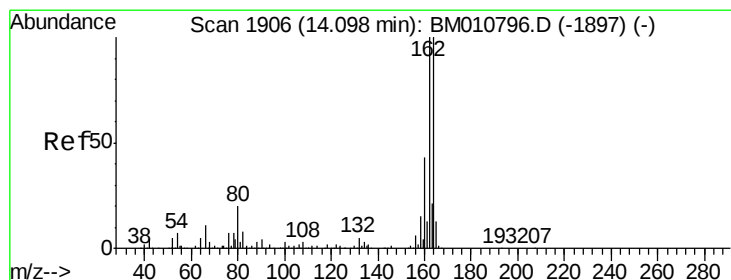
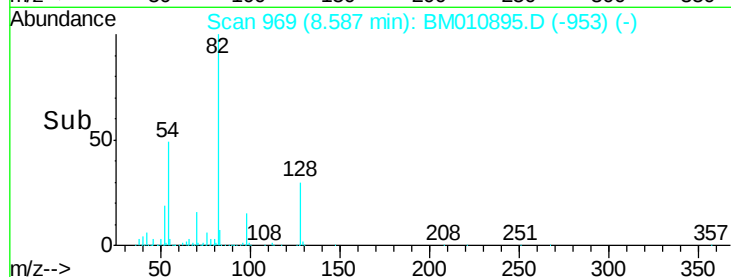
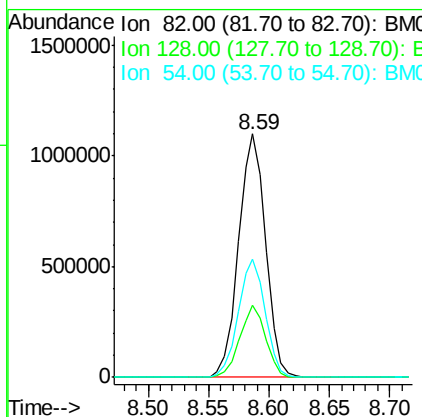
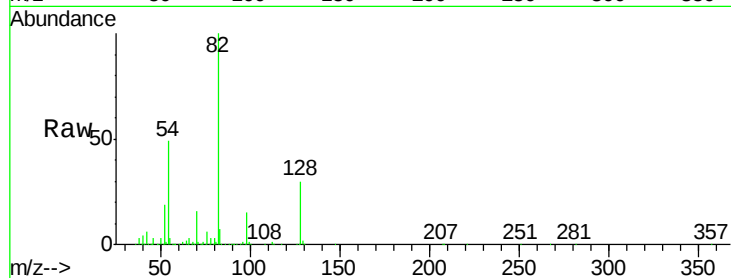




#23
Nitrobenzene-d5
Concen: 95.91 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM010895.D
Acq: 19 Jul 2017 16:13

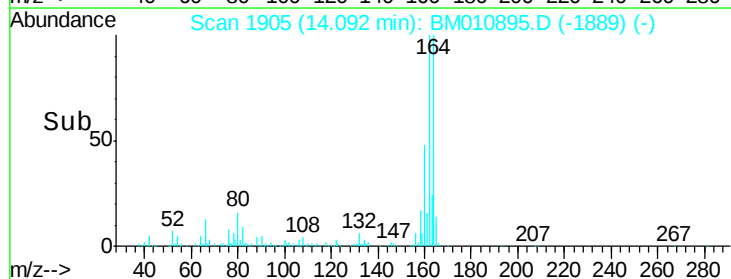
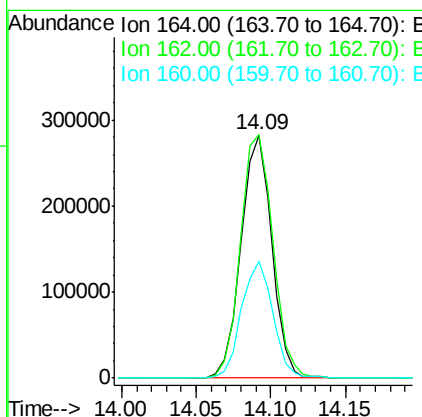
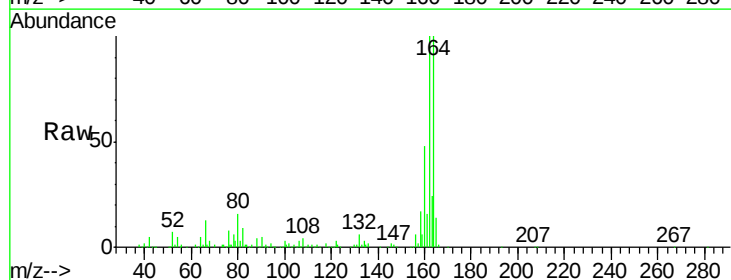
Instrument :
BNA_M
ClientSampled :

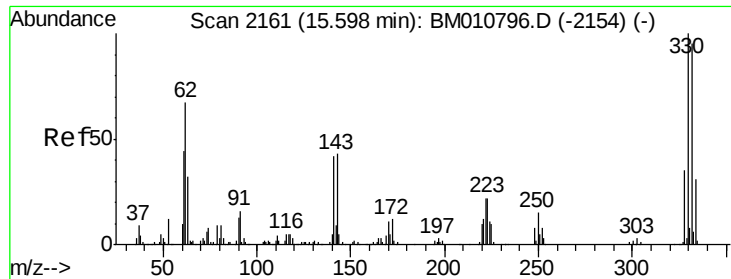
Tot Ion: 82 Resp: 1712777
Ion Ratio Lower Upper
82 100
128 29.8 32.8 49.2#
54 48.7 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM010895.D
Acq: 19 Jul 2017 16:13

Tgt Ion:164 Resp: 403939
Ion Ratio Lower Upper
164 100
162 100.3 82.4 123.6
160 48.0 35.8 53.6

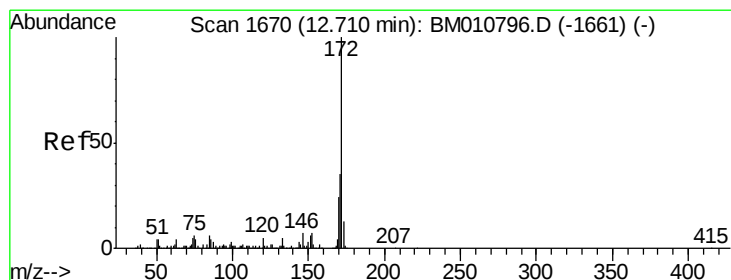
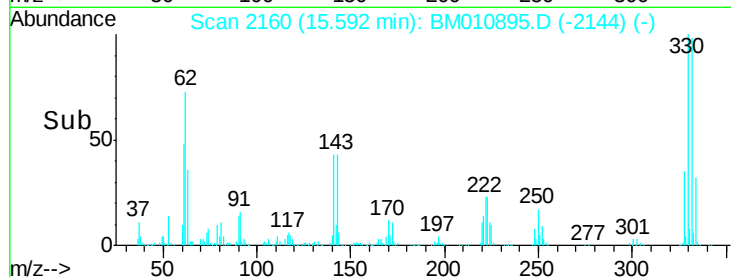
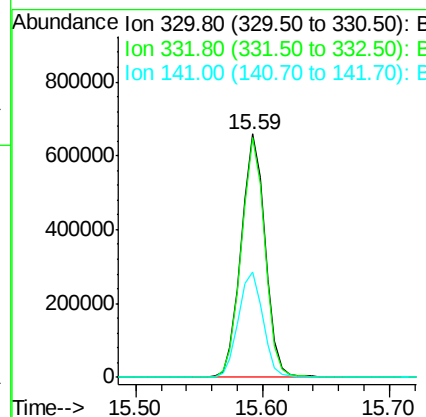
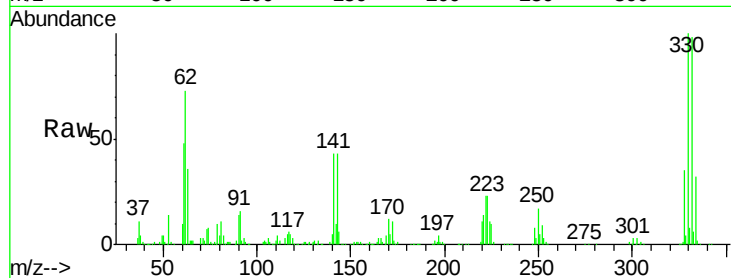




#41
 2,4,6-Tribromophenol
 Concen: 139.40 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010895.D
 Acq: 19 Jul 2017 16:13

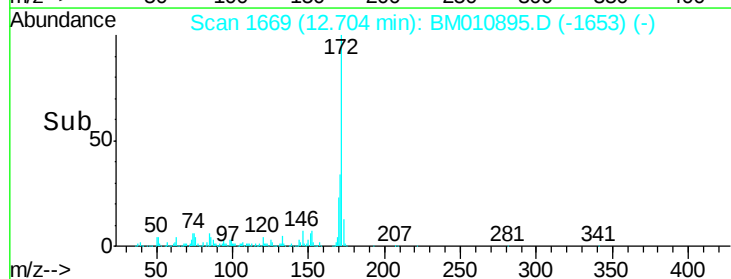
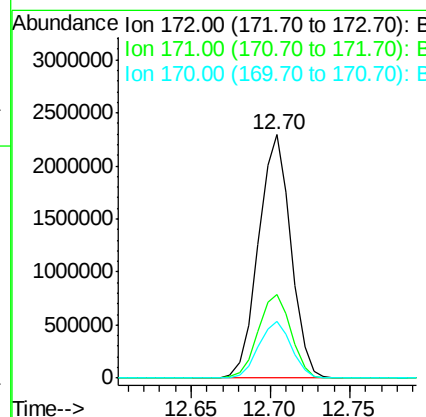
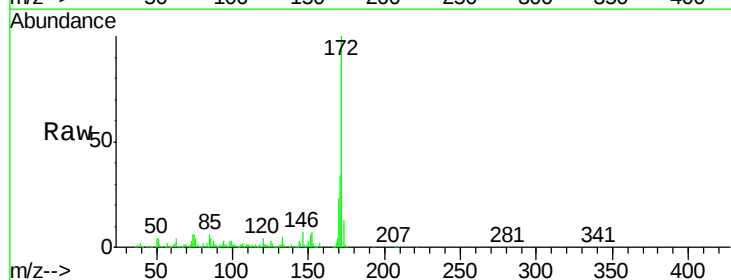
Instrument :
 BNA_M
 ClientSampled :

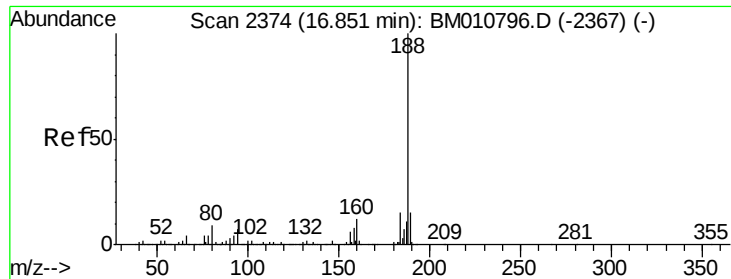
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	44.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 100.71 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010895.D
 Acq: 19 Jul 2017 16:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.1	18.8	28.2

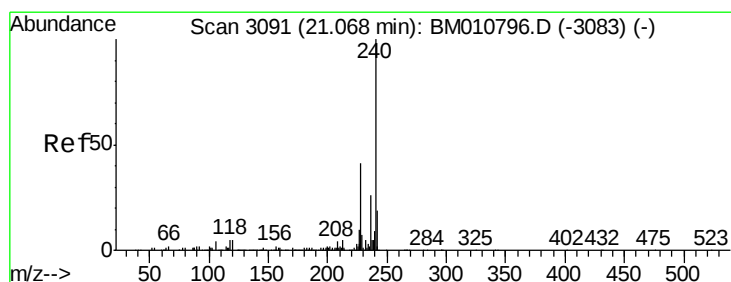
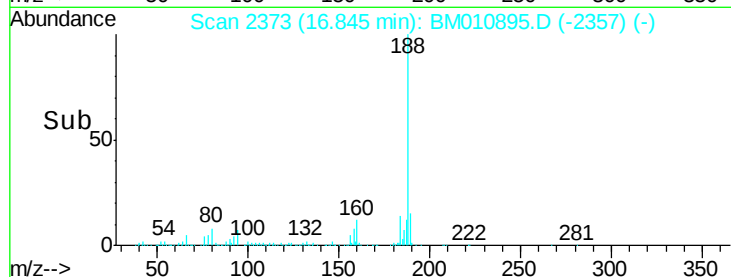
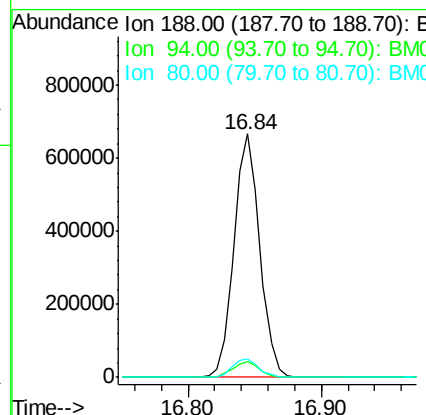
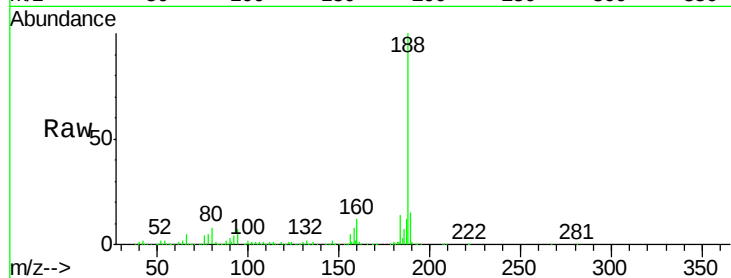




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010895.D
Acq: 19 Jul 2017 16:13

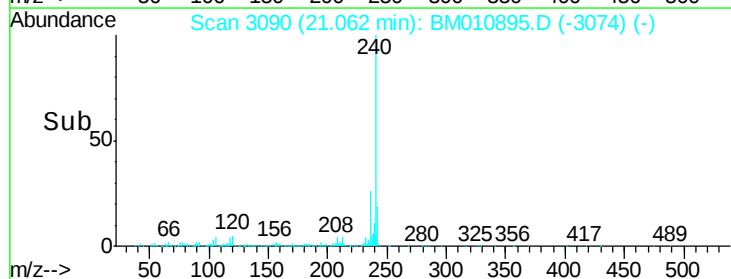
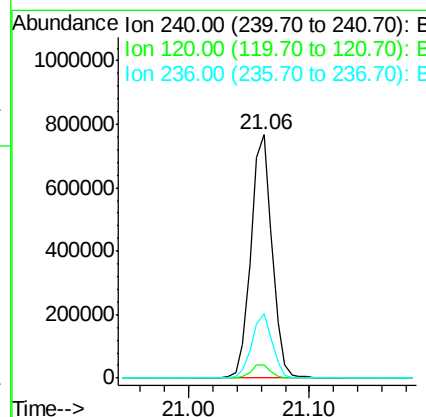
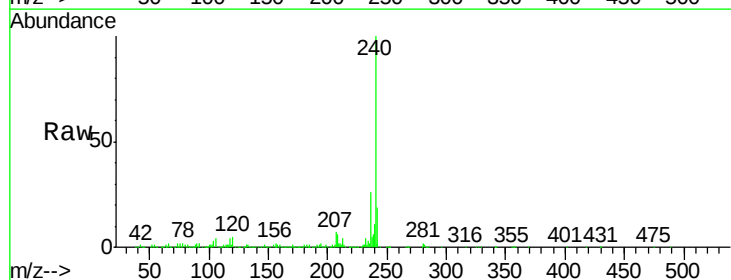
Instrument :
BNA_M
ClientSampleId :

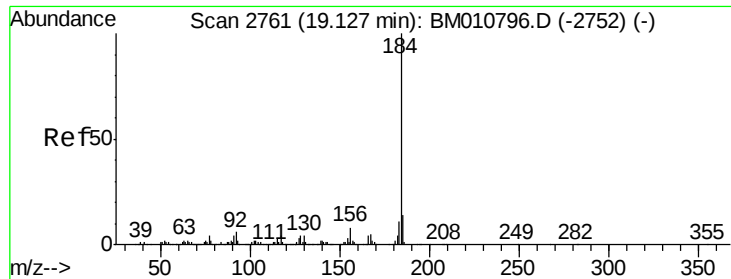
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.7	13.1#
80	7.7	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010895.D
Acq: 19 Jul 2017 16:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	8.2	12.2#
236	26.5	20.0	30.0

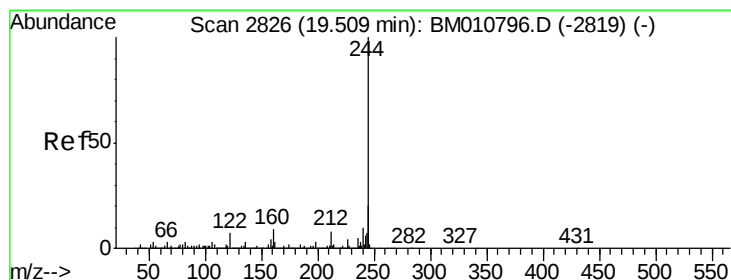
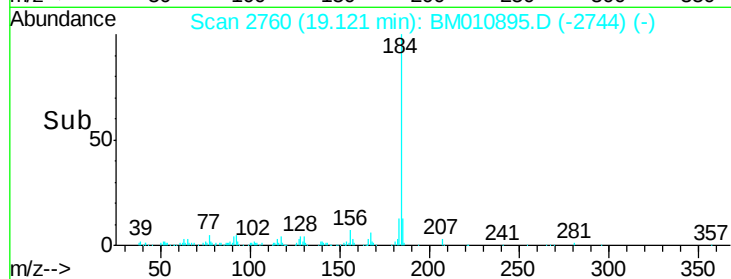
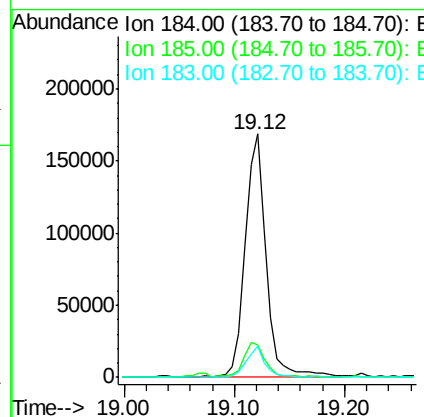
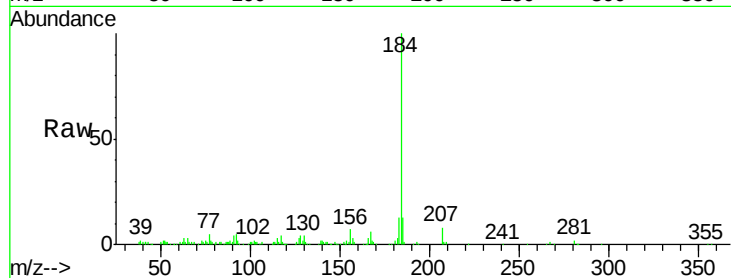




#76
Benzidine
Concen: 9.02 ng
RT: 19.12 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BM010895.D
Acq: 19 Jul 2017 16:13

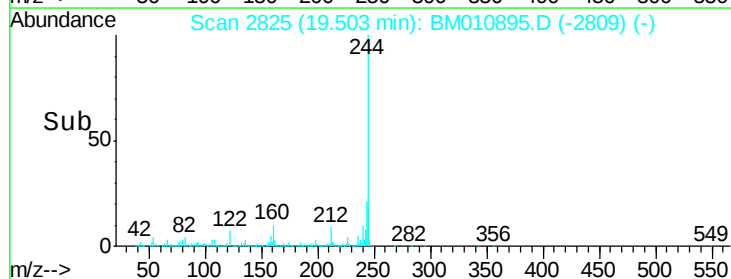
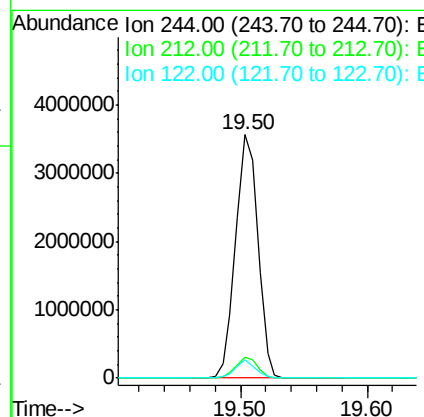
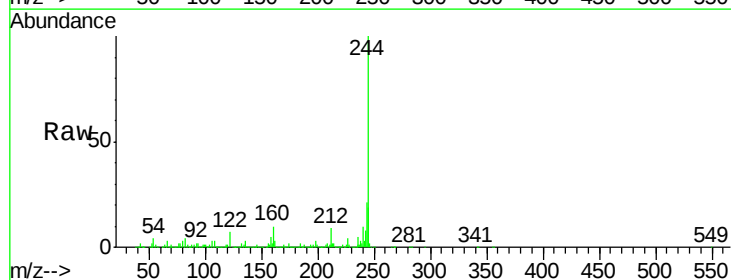
Instrument :
BNA_M
ClientSampleId :

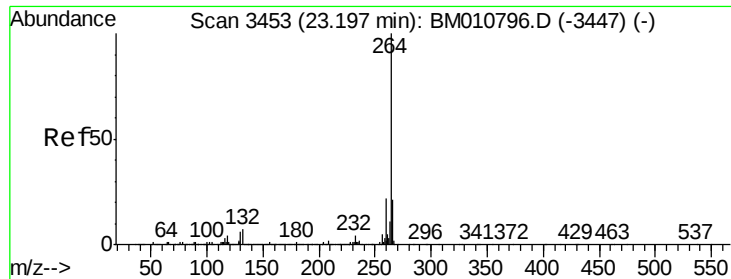
Tot Ion:184 Resp: 226664
Ion Ratio Lower Upper
184 100
185 13.3 11.3 16.9
183 12.7 8.9 13.3



#78
Terphenyl-d14
Concen: 89.22 ng
RT: 19.50 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM010895.D
Acq: 19 Jul 2017 16:13

Tgt Ion:244 Resp: 4332181
Ion Ratio Lower Upper
244 100
212 8.6 4.9 7.3#
122 7.3 6.2 9.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM010895.D
Acq: 19 Jul 2017 16:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.1	17.3	25.9

