

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 Data File : BM010916.D
 Acq On : 20 Jul 2017 19:40
 Operator : SJ/JU
 Sample : I4248-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 21 02:14:41 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

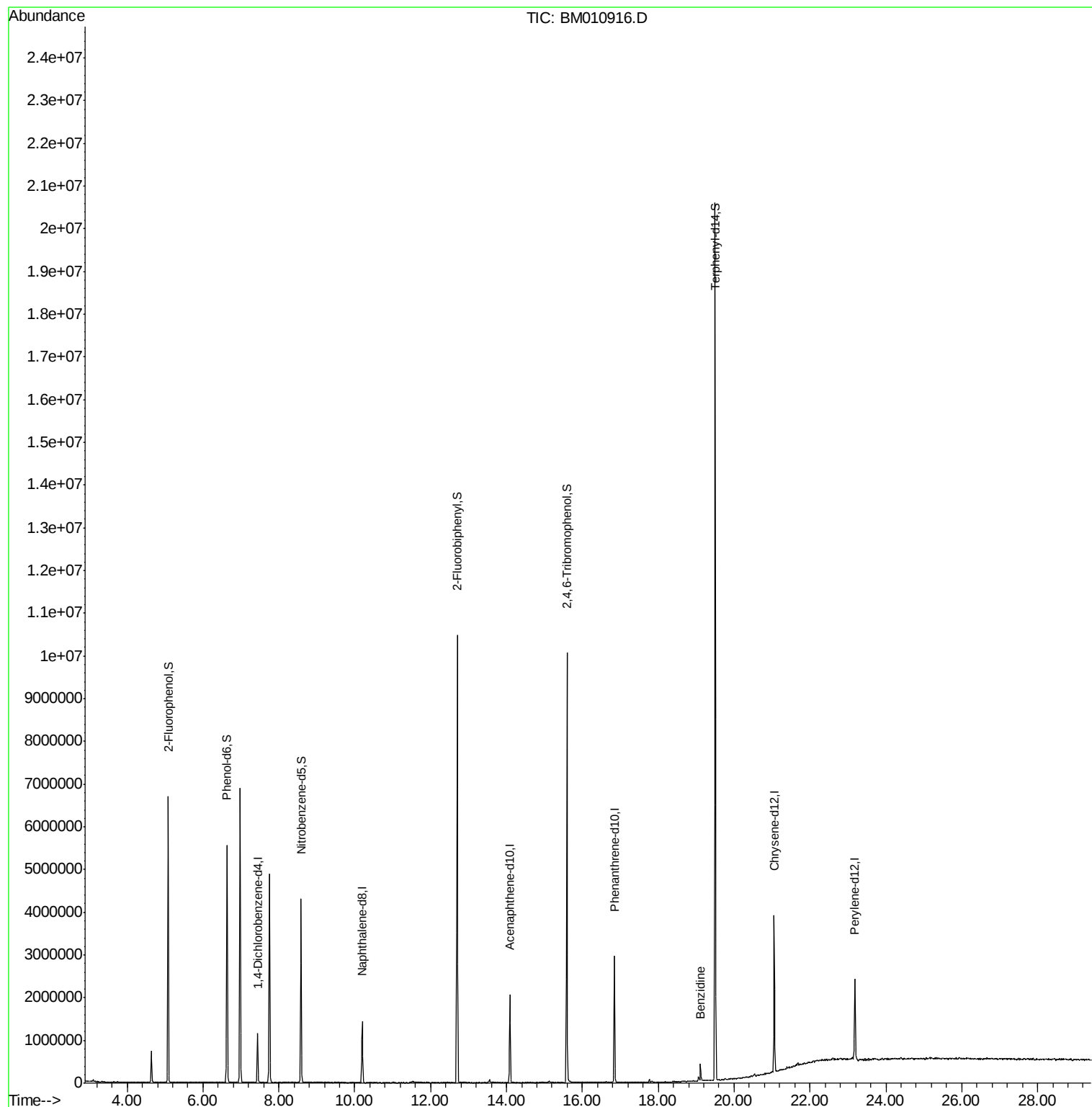
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	254841	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	954568	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	637857	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1598079	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1772576	20.00	ng	-0.01
86) Perylene-d12	23.19	264	1333765	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	2117245	137.62	ng	0.00
7) Phenol-d6	6.63	99	2565029	120.94	ng	0.00
23) Nitrobenzene-d5	8.59	82	2390286	96.25	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1503975	154.29	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4808299	93.78	ng	0.00
78) Terphenyl-d14	19.50	244	8168006	89.12	ng	0.00
Target Compounds						
76) Benzidine	19.12	184	213689	4.50	ng	Qvalue 96

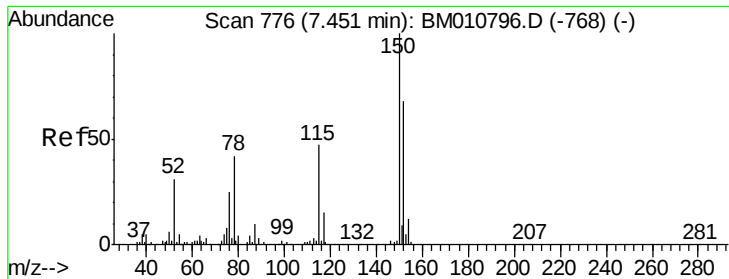
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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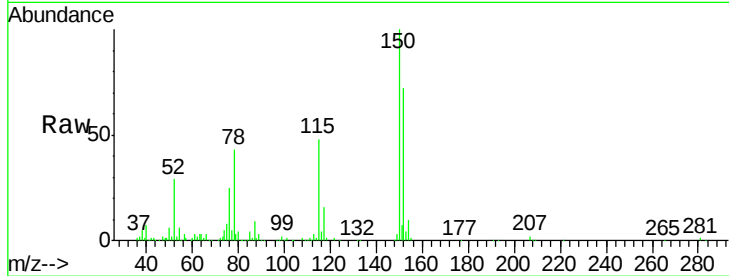


#1

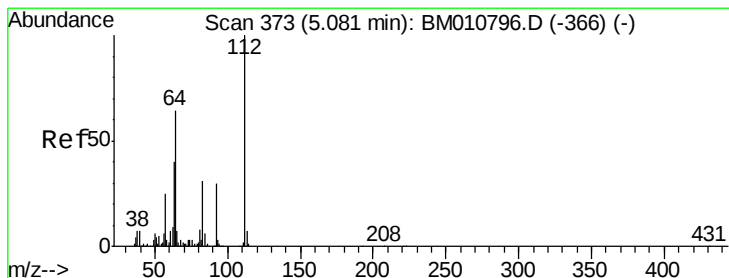
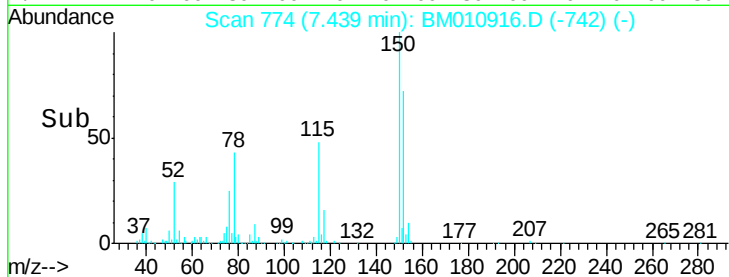
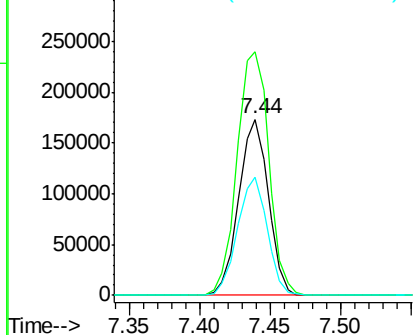
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010916.D
Acq: 20 Jul 2017 19:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 254841
Ion Ratio Lower Upper
152 100
150 138.0 119.5 179.3
115 66.9 43.0 64.4#



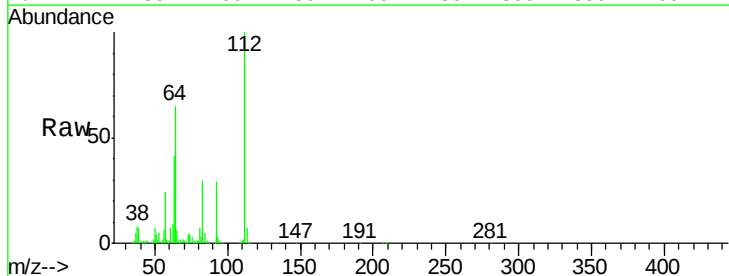
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



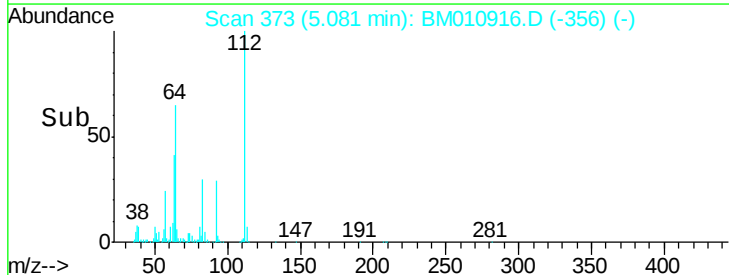
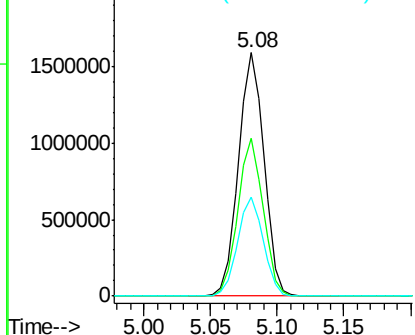
#5

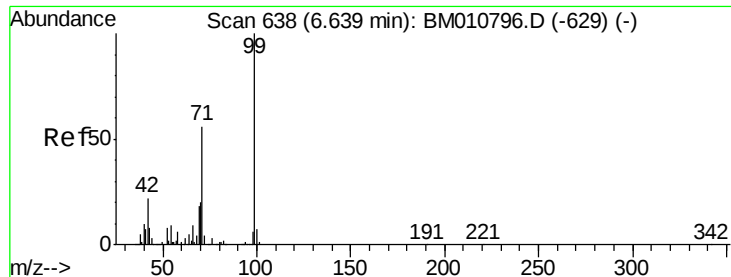
2-Fluorophenol
Concen: 137.62 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010916.D
Acq: 20 Jul 2017 19:40

Tgt Ion:112 Resp: 2117245
Ion Ratio Lower Upper
112 100
64 64.8 38.6 57.8#
63 40.7 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: 120.94 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010916.D

Acq: 20 Jul 2017 19:40

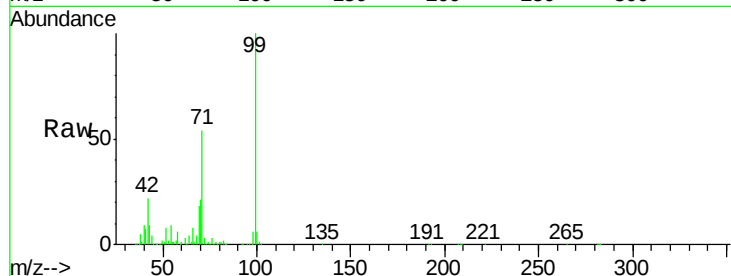
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2565029

Ion	Ratio	Lower	Upper
99	100		
42	22.0	11.0	16.4#
71	54.1	23.4	35.2#

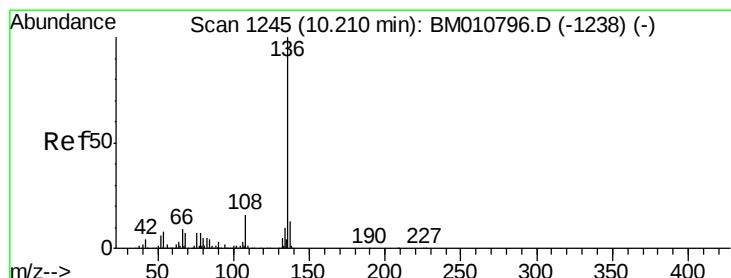
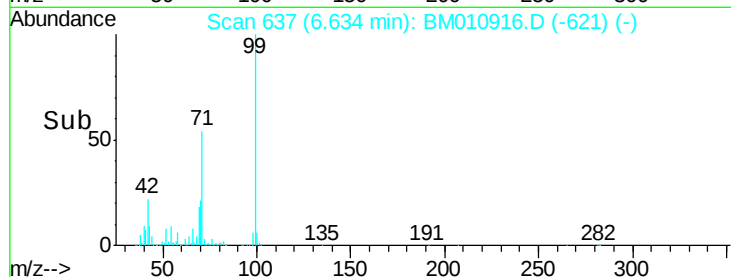
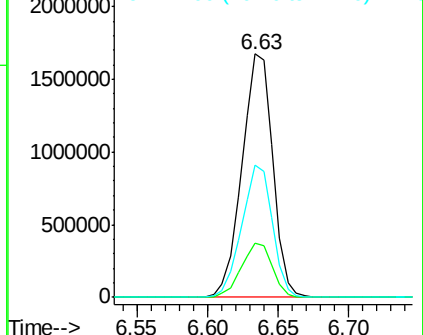


Abundance

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

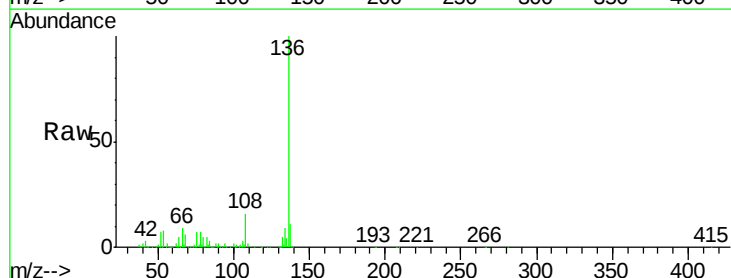
Delta R.T. -0.01 min

Lab File: BM010916.D

Acq: 20 Jul 2017 19:40

Tgt Ion: 136 Resp: 954568

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.5	4.6	6.8#
68	5.7	3.7	5.5#



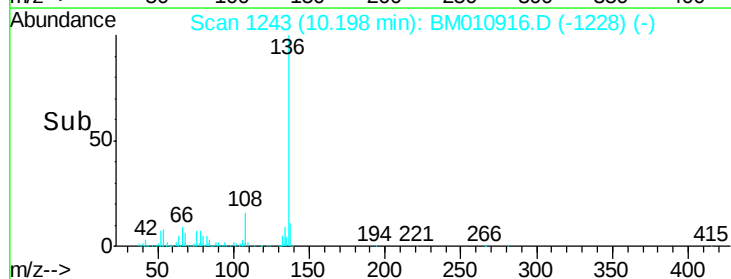
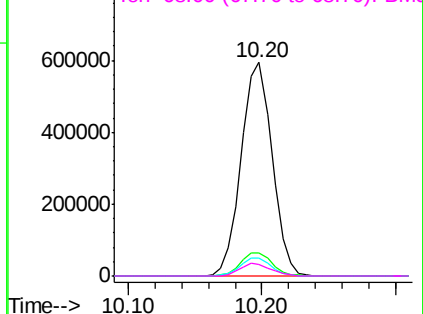
Abundance

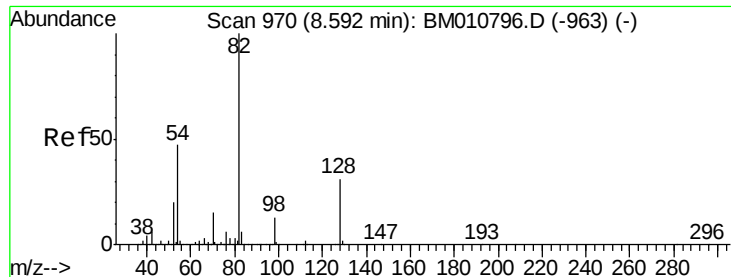
Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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: 96.25 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010916.D

Acq: 20 Jul 2017 19:40

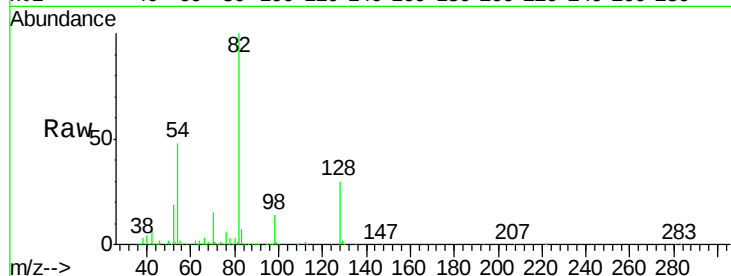
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 82 Resp: 2390286

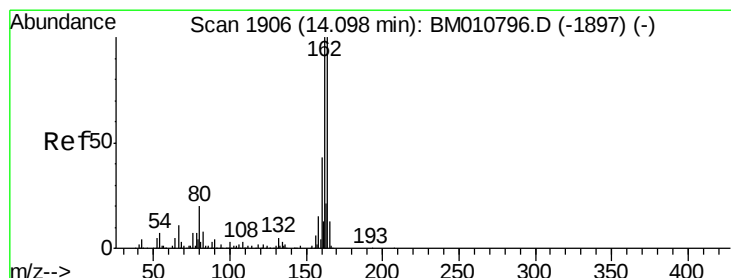
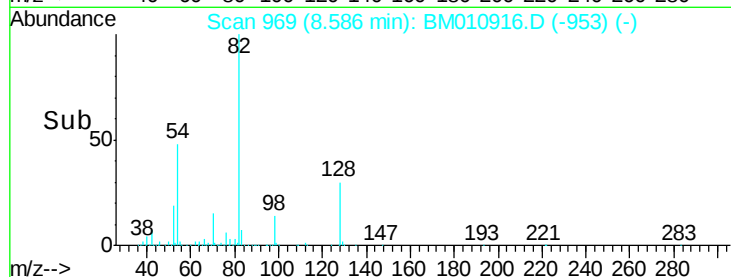
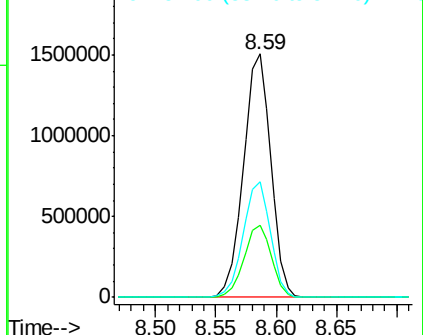
Ion	Ratio	Lower	Upper
82	100		
128	29.6	32.8	49.2#
54	47.7	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-963) (-)

Ion 128.00 (127.70 to 128.70): BM010796.D (-963) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-963) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.09 min Scan# 1904

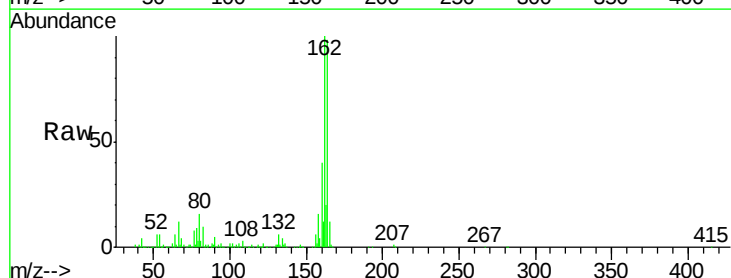
Delta R.T. -0.01 min

Lab File: BM010916.D

Acq: 20 Jul 2017 19:40

Tgt Ion: 164 Resp: 637857

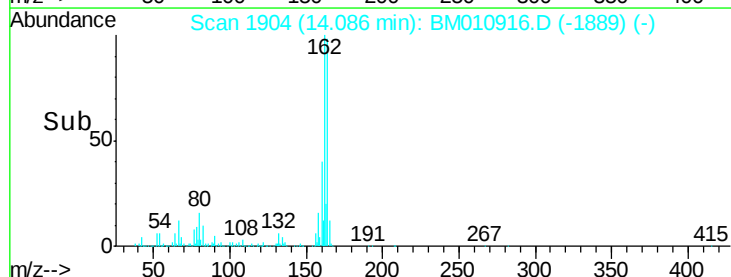
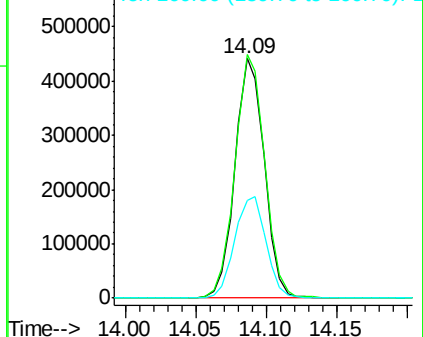
Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.4	123.6
160	40.8	35.8	53.6

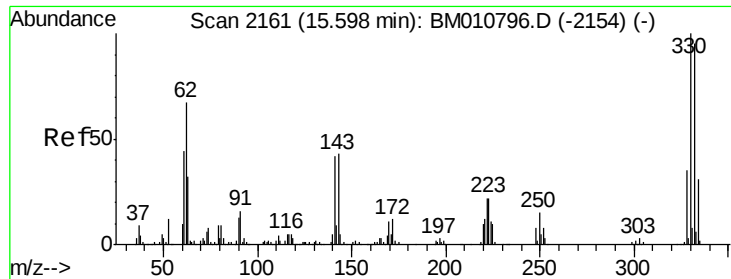


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

Ion 162.00 (161.70 to 162.70): BM010796.D (-1897) (-)

Ion 160.00 (159.70 to 160.70): BM010796.D (-1897) (-)

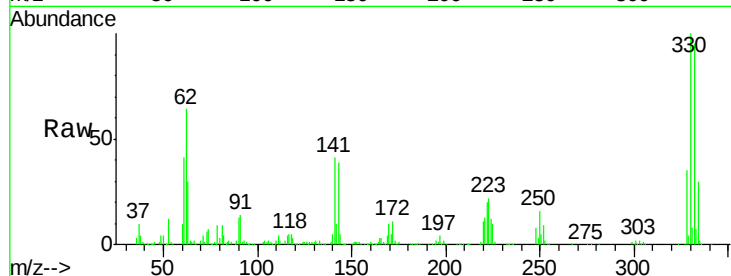




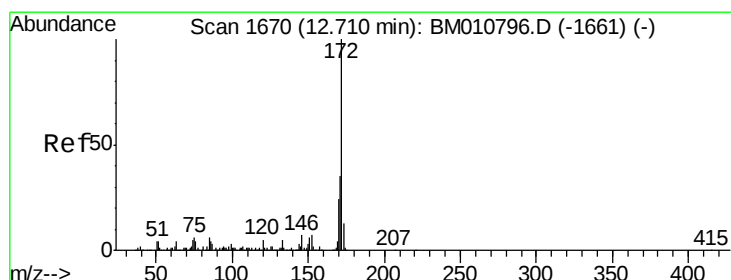
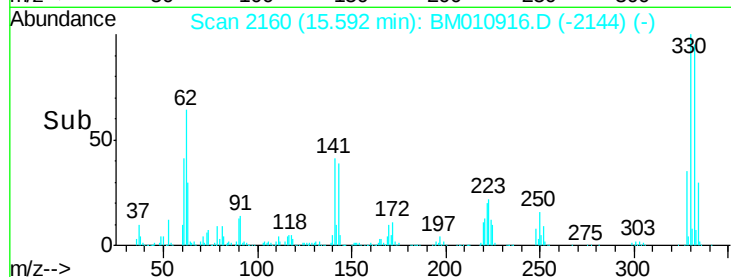
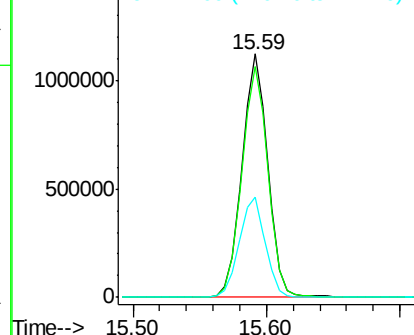
#41
 2,4,6-Tribromophenol
 Concen: 154.29 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010916.D
 Acq: 20 Jul 2017 19:40

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1503975
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 41.9 0.0 0.0#

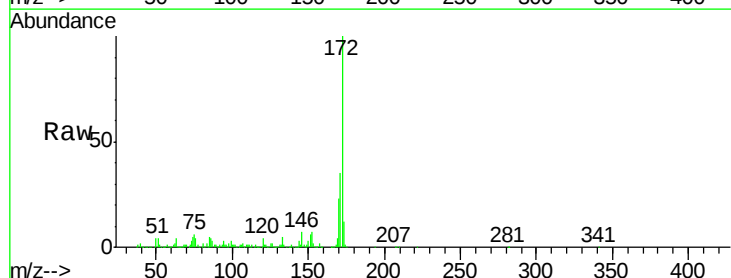


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

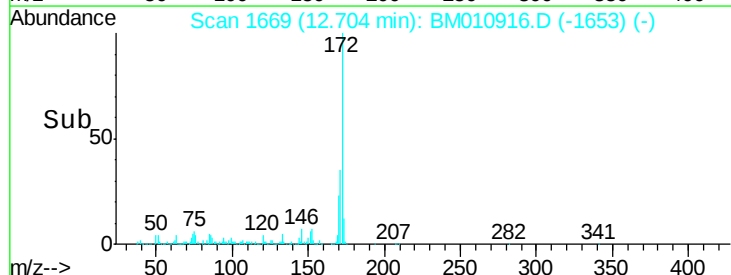
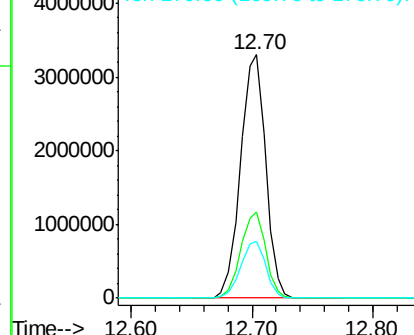


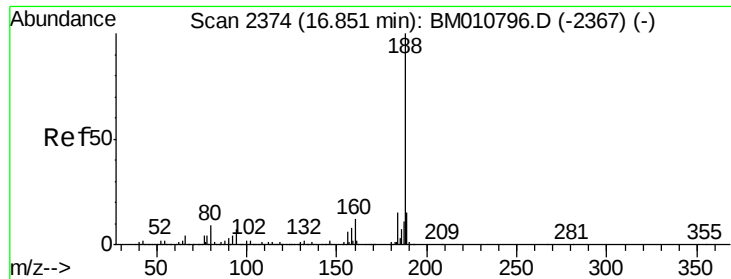
#44
 2-Fluorobiphenyl
 Concen: 93.78 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010916.D
 Acq: 20 Jul 2017 19:40

Tgt Ion:172 Resp: 4808299
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.5 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

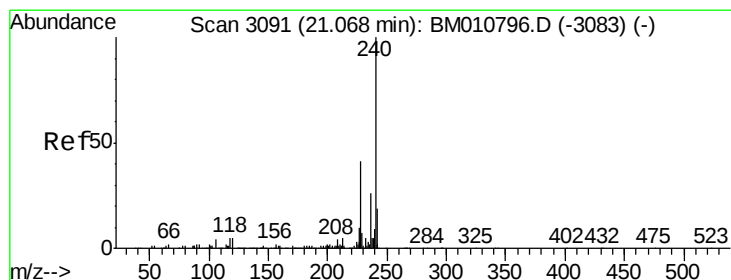
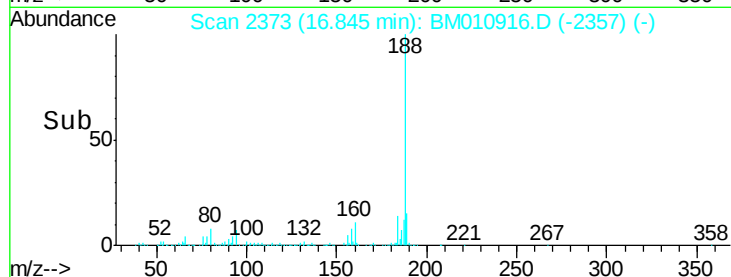
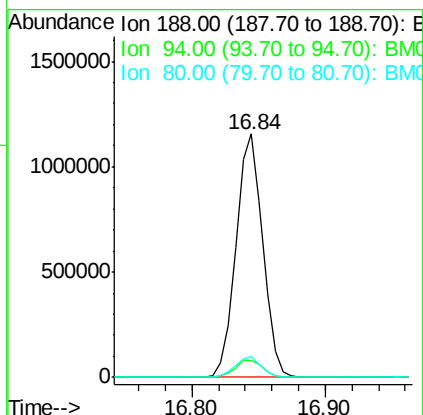
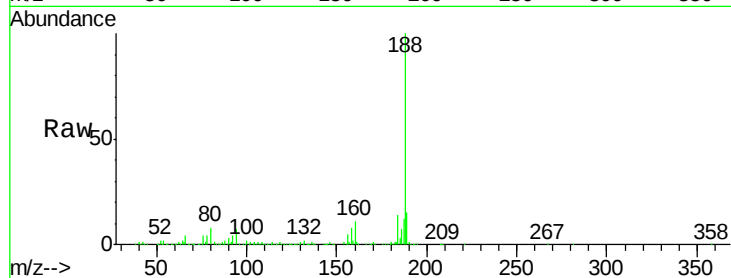




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010916.D
Acq: 20 Jul 2017 19:40

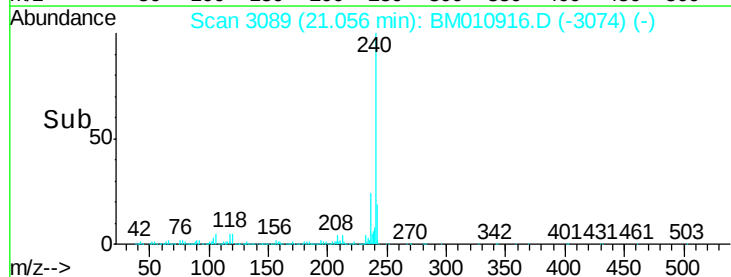
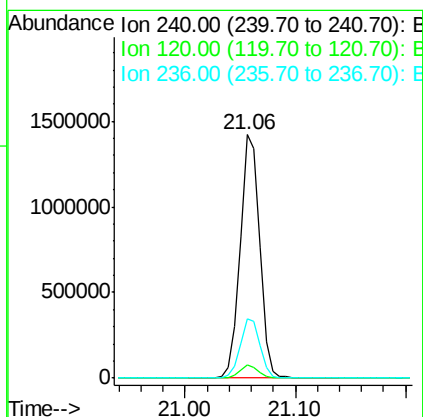
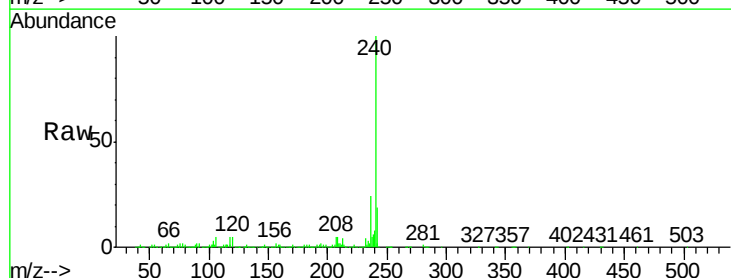
Instrument :
BNA_M
ClientSampleId :

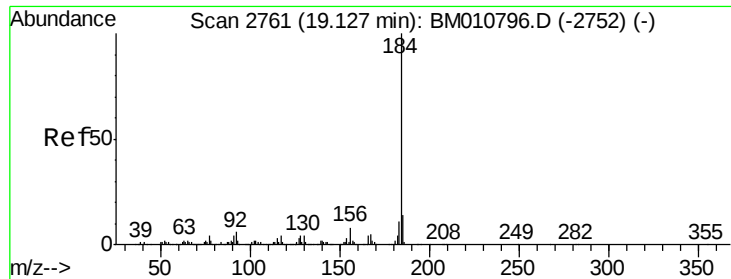
Tot Ion:188 Resp: 1598079
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 8.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010916.D
Acq: 20 Jul 2017 19:40

Tgt Ion:240 Resp: 1772576
Ion Ratio Lower Upper
240 100
120 5.3 8.2 12.2#
236 24.2 20.0 30.0

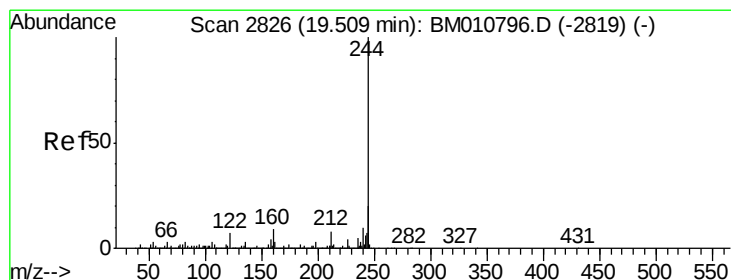
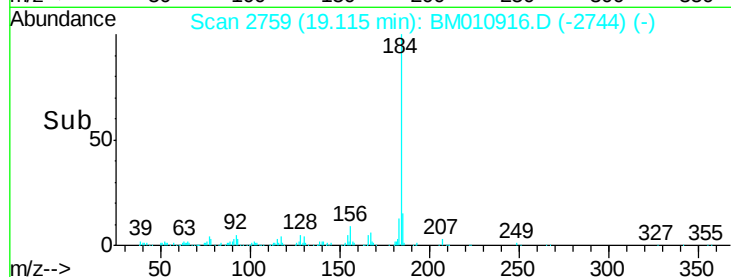
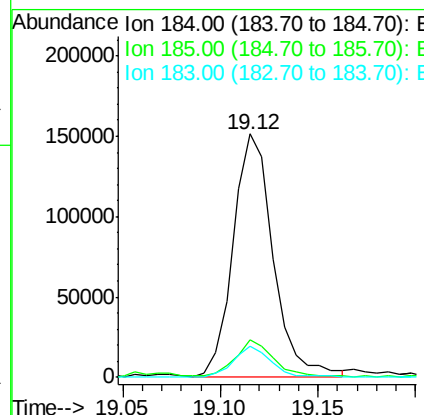
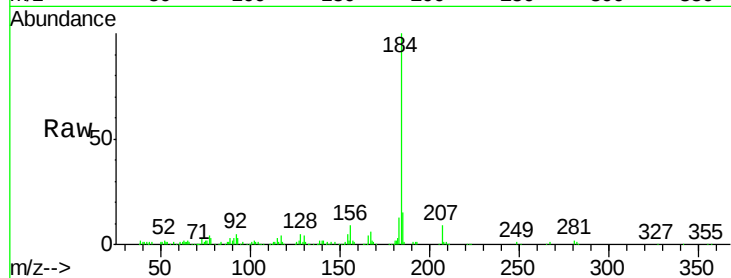




#76
Benzidine
Concen: 4.50 ng
RT: 19.12 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BM010916.D
Acq: 20 Jul 2017 19:40

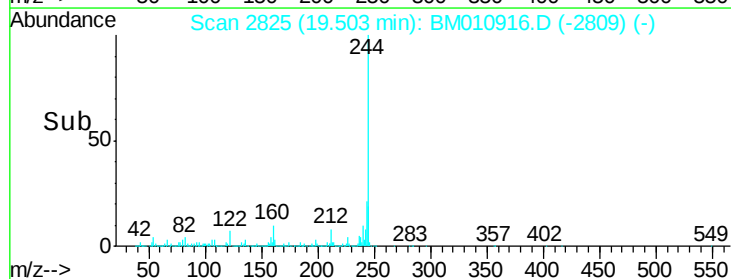
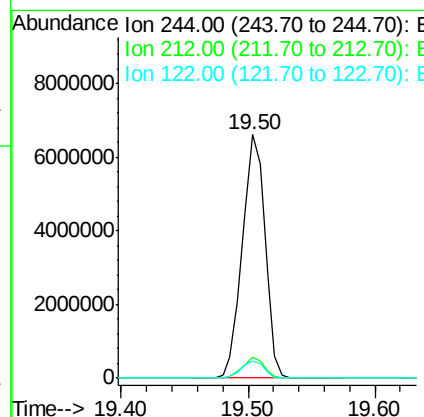
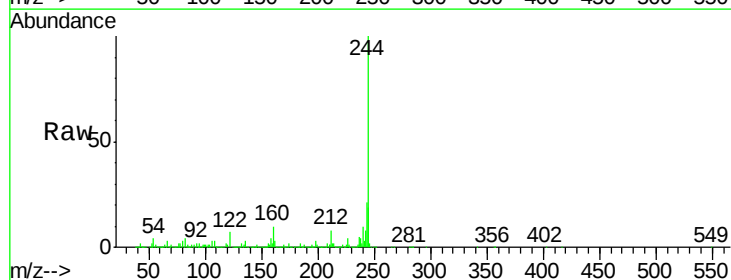
Instrument :
BNA_M
ClientSampleId :

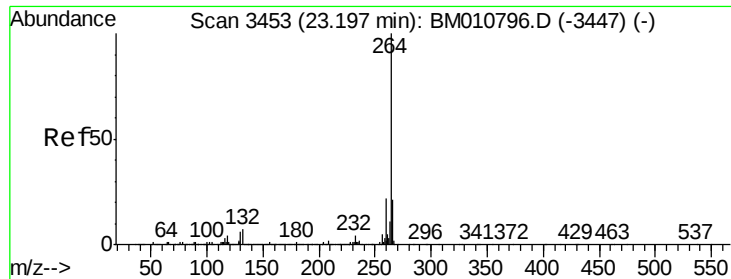
Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.3	16.9
183	12.9	8.9	13.3



#78
Terphenyl-d14
Concen: 89.12 ng
RT: 19.50 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM010916.D
Acq: 20 Jul 2017 19:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	7.2	6.2	9.4



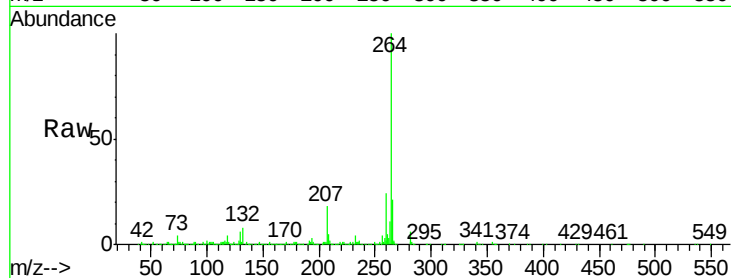


#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BM010916.D
Acq: 20 Jul 2017 19:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1333765

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	21.4	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

