

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011096.D
 Acq On : 02 Aug 2017 16:13
 Operator : SJ/JU
 Sample : I4540-23
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 02 23:17:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

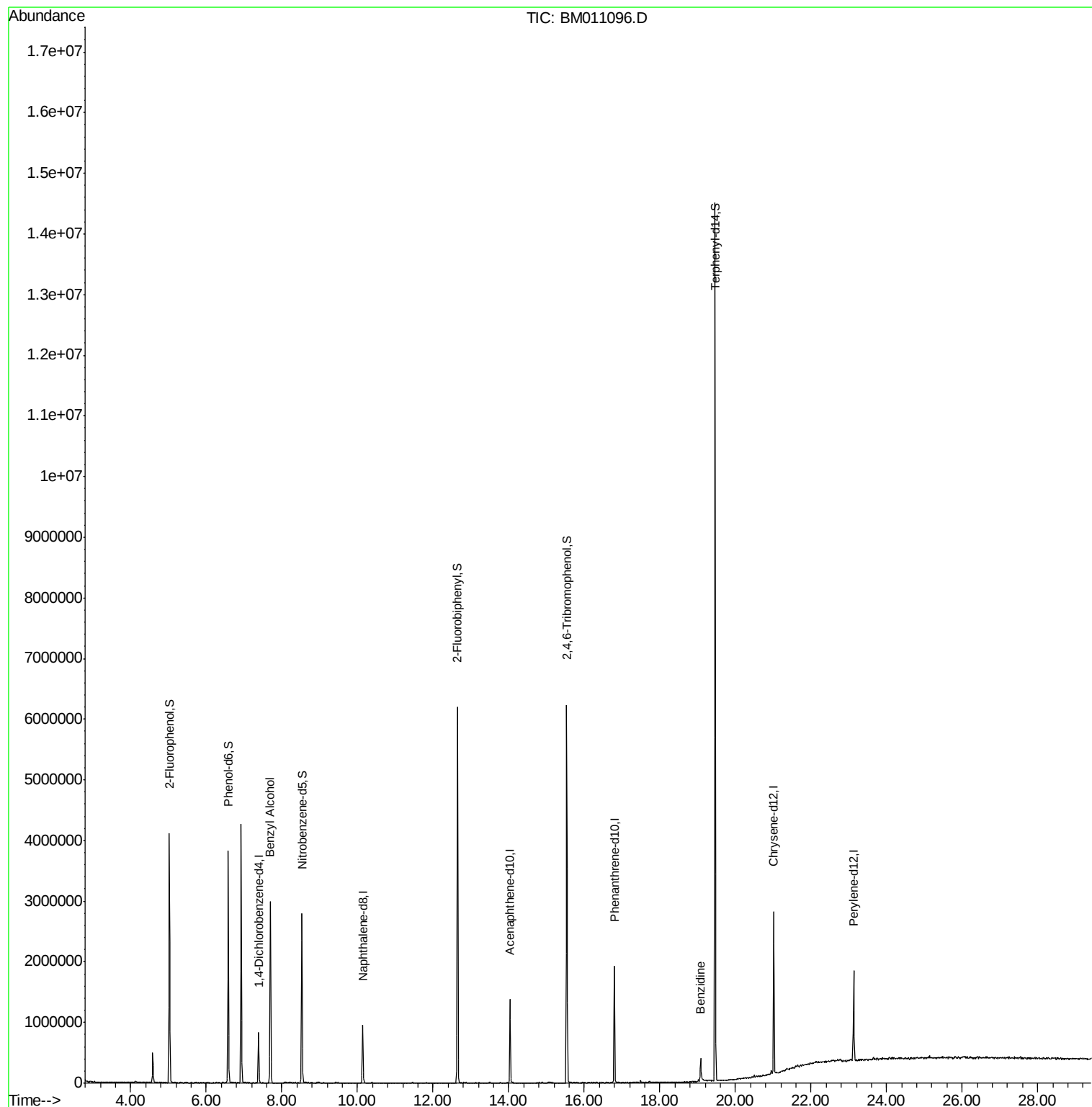
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	144164	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	553776	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	370115	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1010308	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1215791	20.00	ng	-0.01
86) Perylene-d12	23.13	264	998206	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1156530	135.61	ng	0.00
7) Phenol-d6	6.58	99	1494458	123.34	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1480328	100.33	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	844817	142.41	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2611682	88.50	ng	-0.02
78) Terphenyl-d14	19.46	244	5151497	83.93	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.70	79	27796	2.39	ng	Qvalue # 36
76) Benzidine	19.08	184	237974	8.18	ng	98

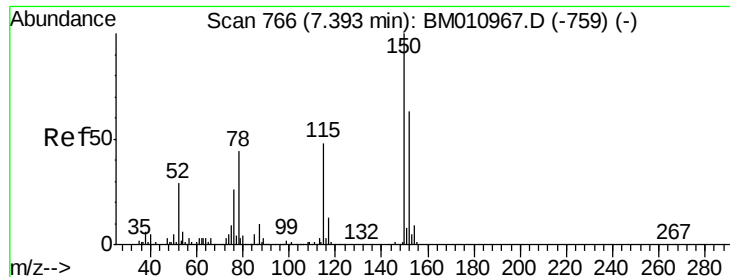
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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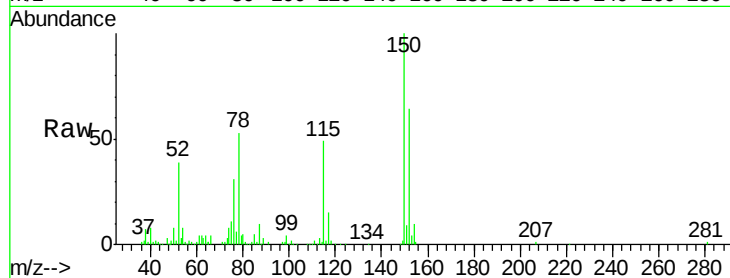


#1

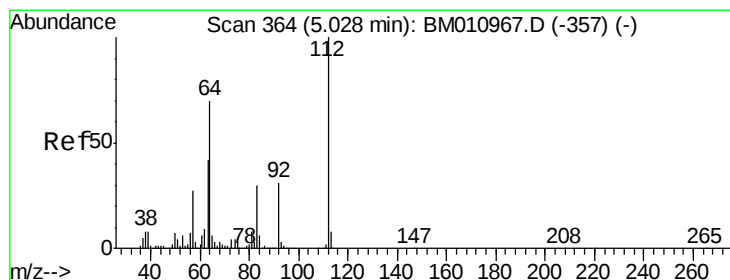
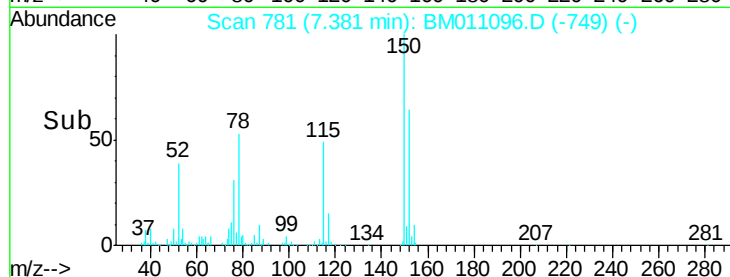
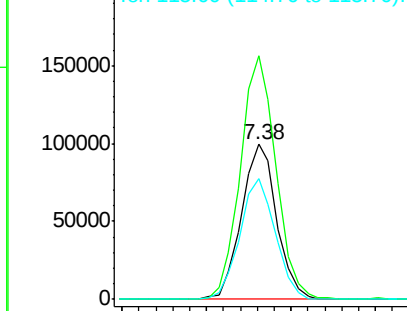
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 144164
Ion Ratio Lower Upper
152 100
150 157.1 119.5 179.3
115 77.6 43.0 64.4#



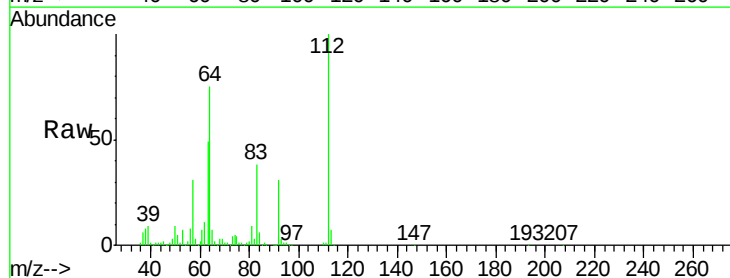
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



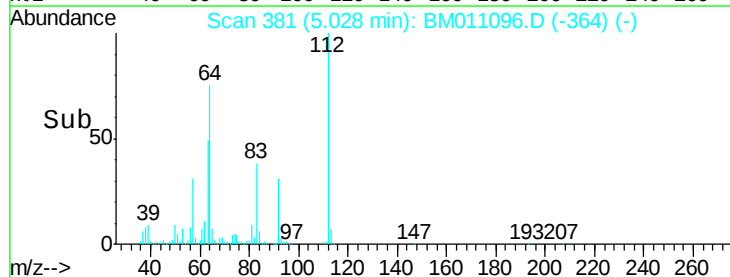
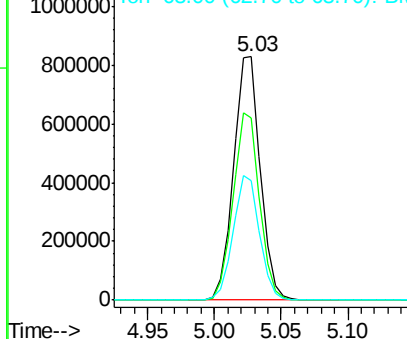
#5

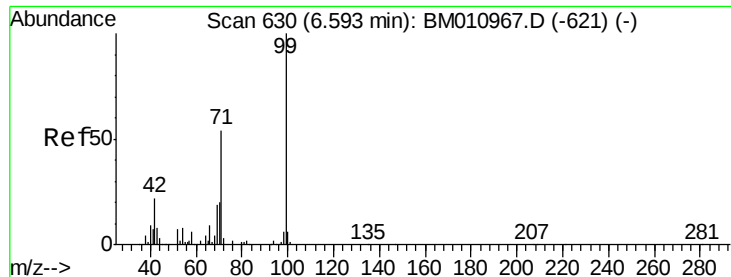
2-Fluorophenol
Concen: 135.61 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Tgt Ion:112 Resp: 1156530
Ion Ratio Lower Upper
112 100
64 75.0 38.6 57.8#
63 49.2 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: 123.34 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011096.D

Acq: 02 Aug 2017 16:13

Instrument :

BNA_M

ClientSampled :

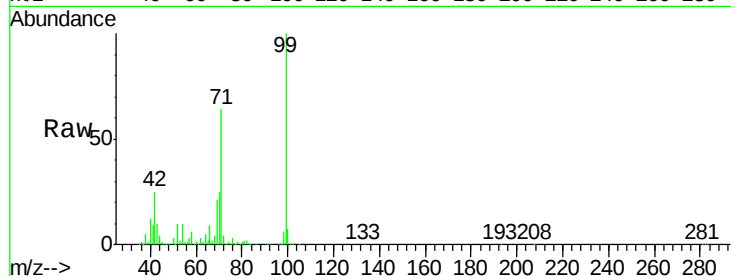
Tot Ion: 99 Resp: 1494458

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

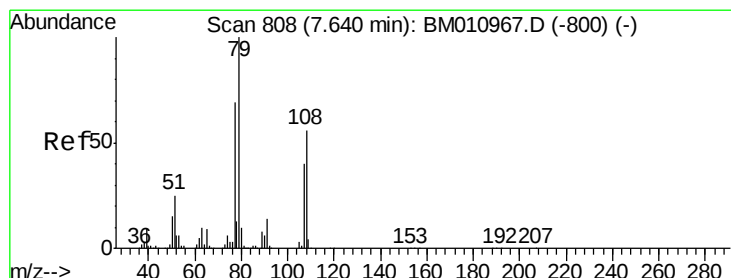
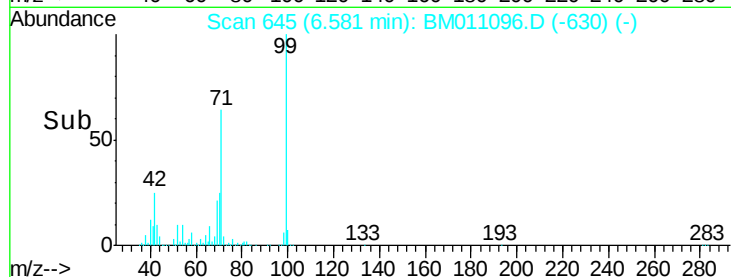
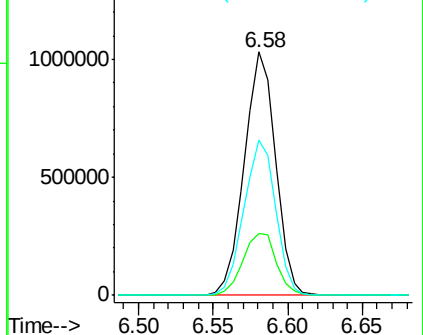
71 63.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011096.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011096.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011096.D (-630) (-)



#15

Benzyl Alcohol

Concen: 2.39 ng

RT: 7.70 min Scan# 835

Delta R.T. 0.06 min

Lab File: BM011096.D

Acq: 02 Aug 2017 16:13

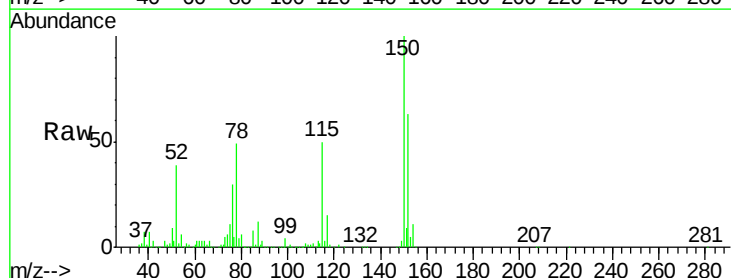
Tgt Ion: 79 Resp: 27796

Ion Ratio Lower Upper

79 100

108 47.1 65.0 97.4#

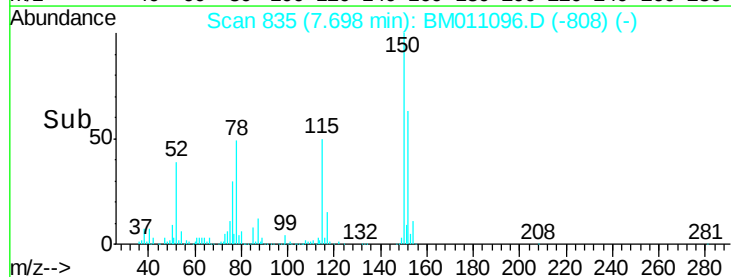
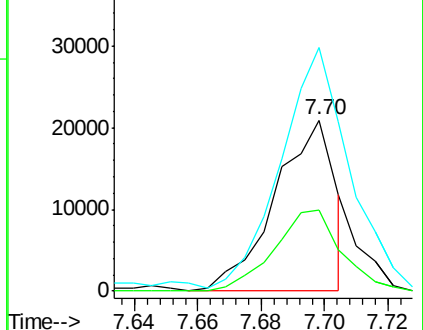
77 142.3 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM011096.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM011096.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM011096.D (-808) (-)

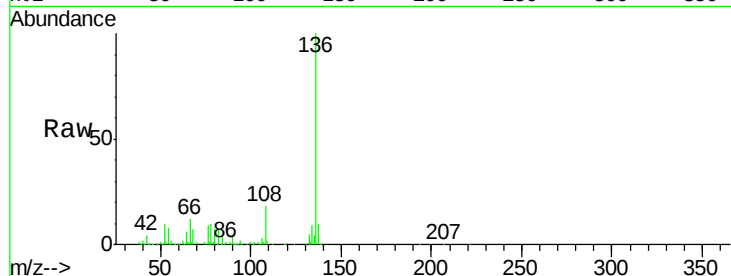




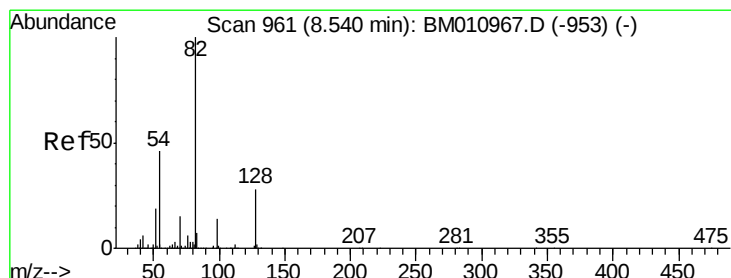
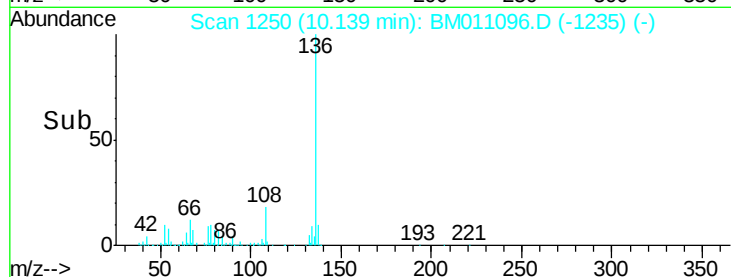
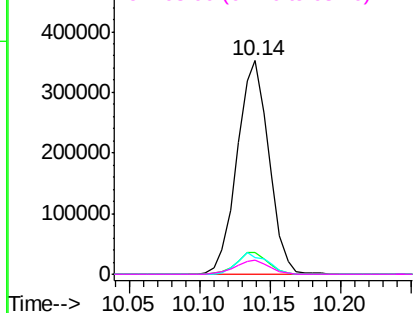
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	553776
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.7 13.1
54	8.0	4.6 6.8#
68	6.7	3.7 5.5#

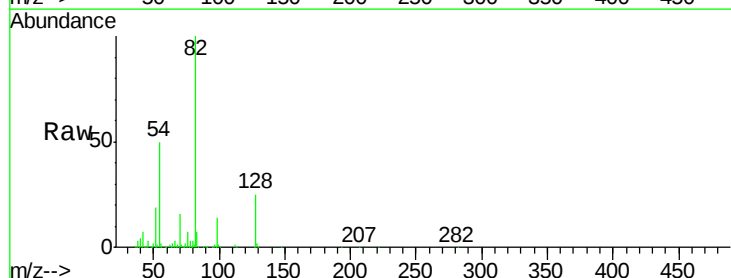


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

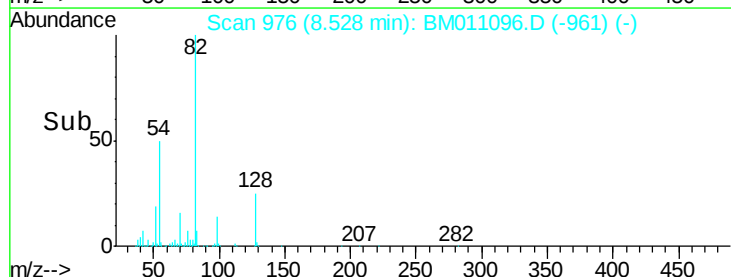
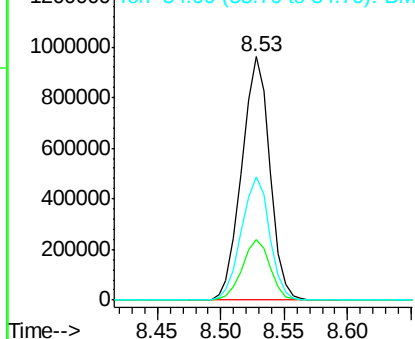


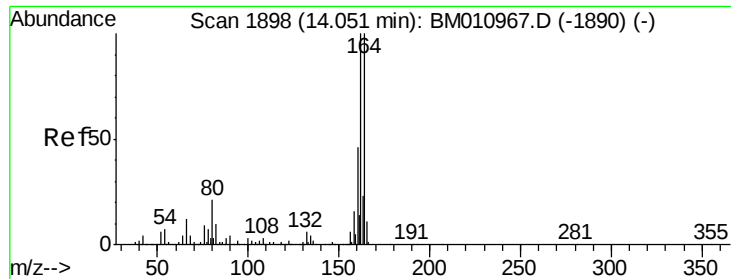
#23
Nitrobenzene-d5
Concen: 100.33 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Tgt Ion: 82	Resp:	1480328
Ion	Ratio	Lower Upper
82	100	
128	25.0	32.8 49.2#
54	50.4	40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

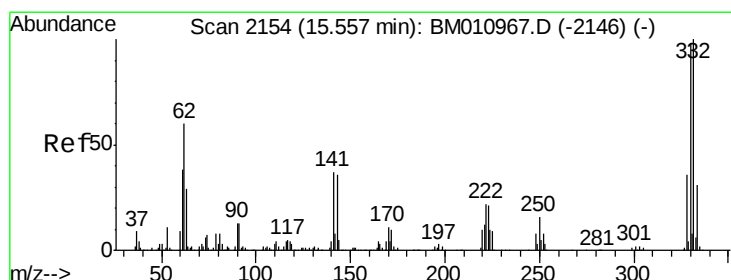
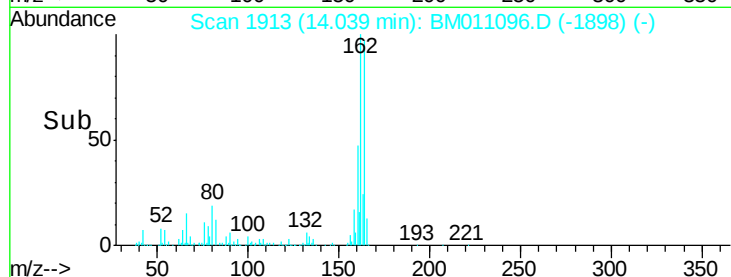
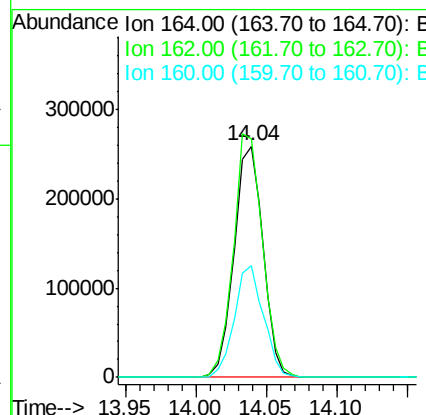
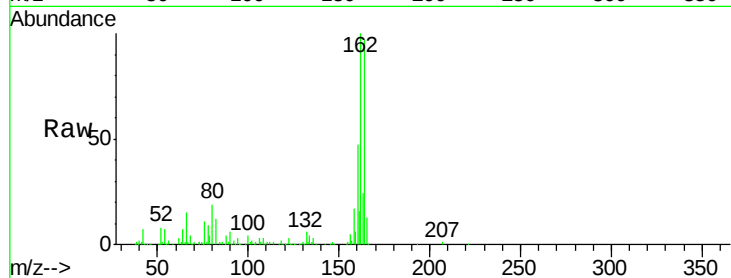




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.04 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

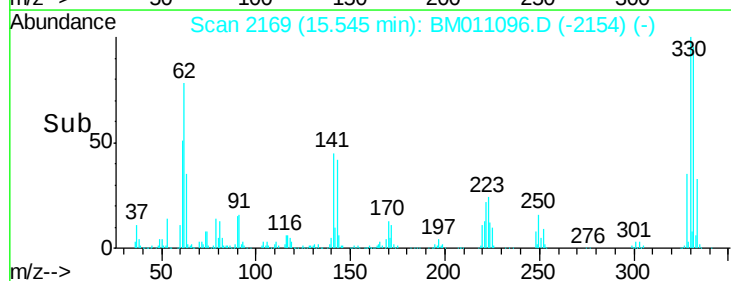
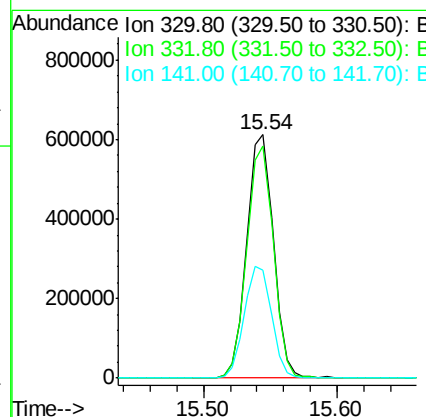
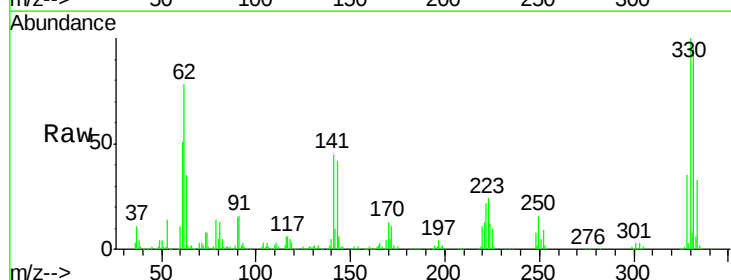
Instrument :
BNA_M
ClientSampleId :

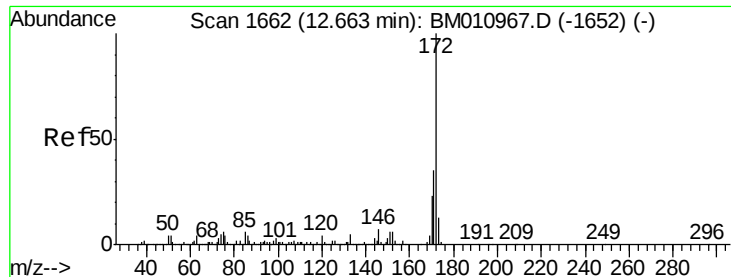
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.4	123.6
160	48.6	35.8	53.6



#41
2,4,6-Tribromophenol
Concen: 142.41 ng
RT: 15.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	47.1	0.0	0.0#

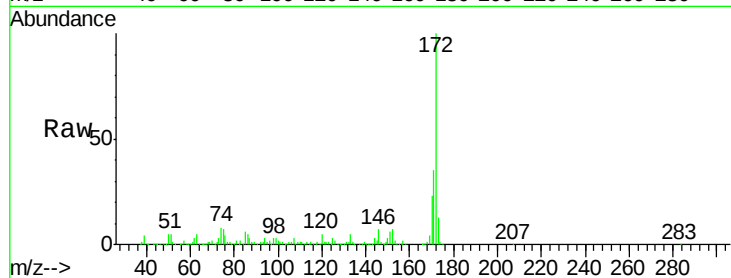




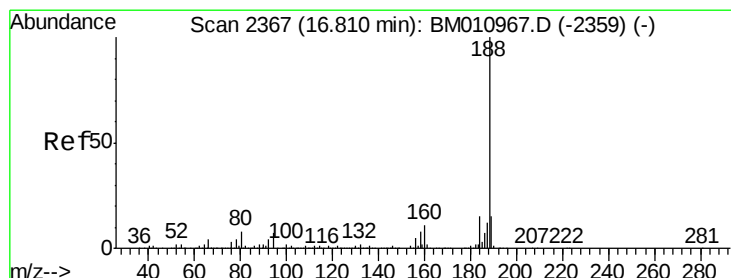
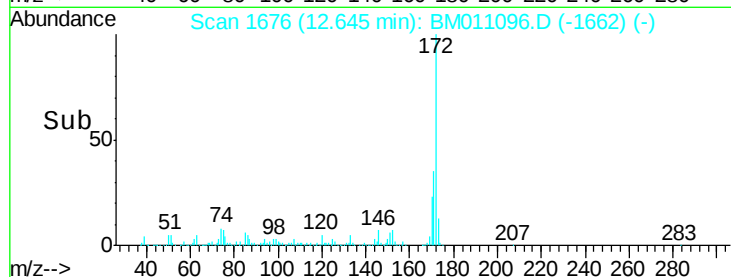
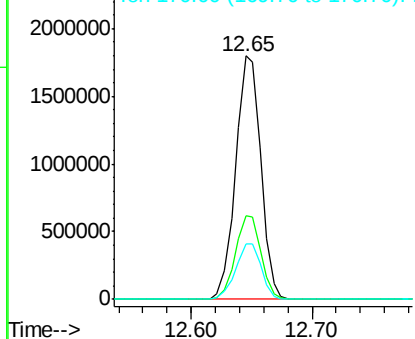
#44
2-Fluorobiphenyl
Concen: 88.50 ng
RT: 12.65 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Instrument :
BNA_M
ClientSampled :

Tot Ion:172 Resp: 2611682
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.6 18.8 28.2

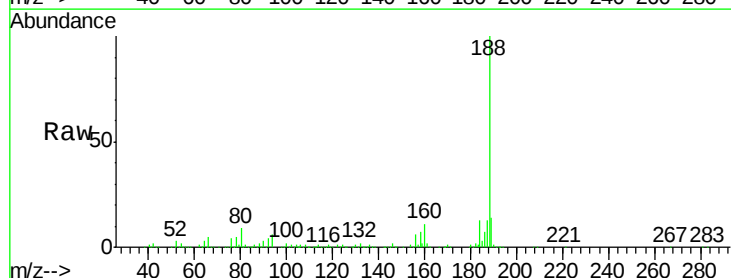


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

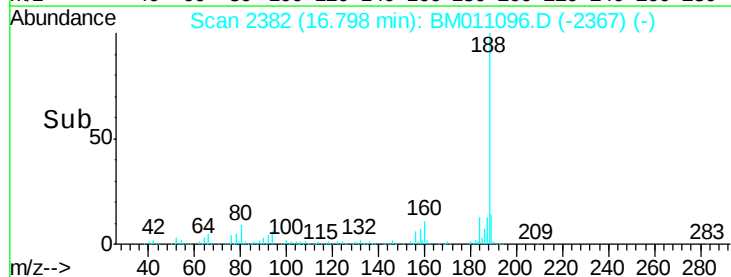
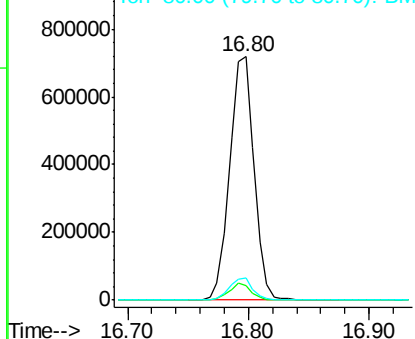


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Tgt Ion:188 Resp: 1010308
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 9.3 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

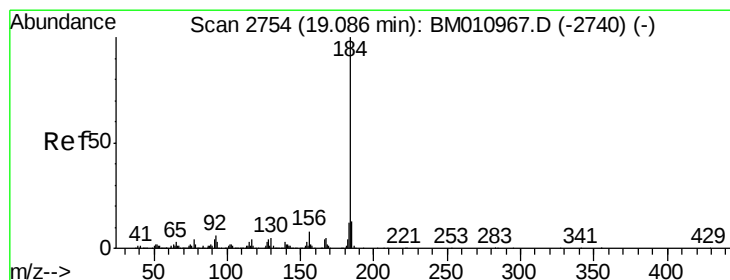
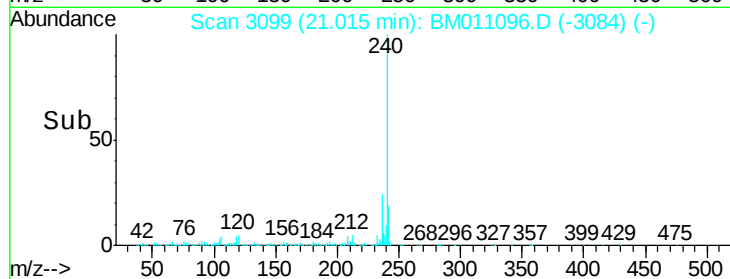
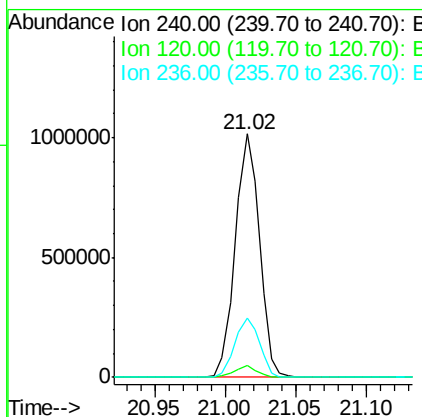
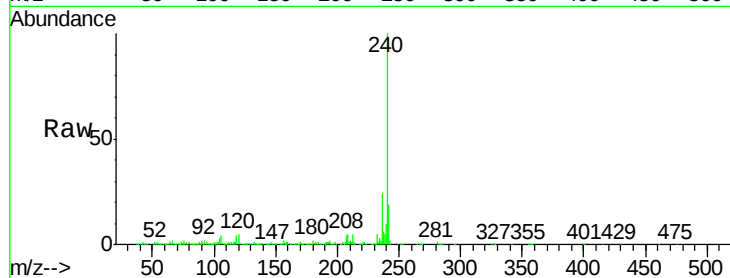




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.02 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM011096.D
 Acq: 02 Aug 2017 16:13

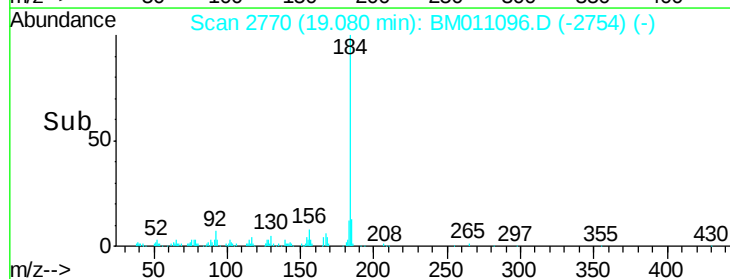
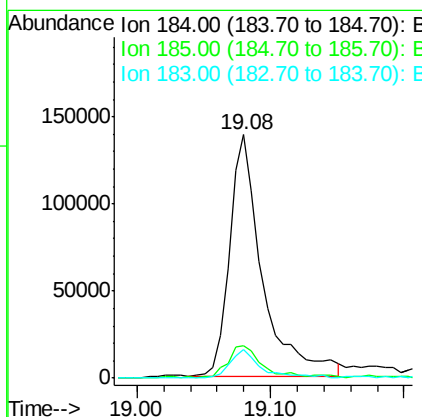
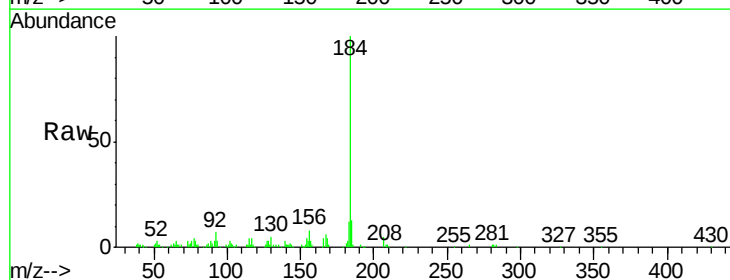
Instrument :
 BNA_M
 ClientSampleId :

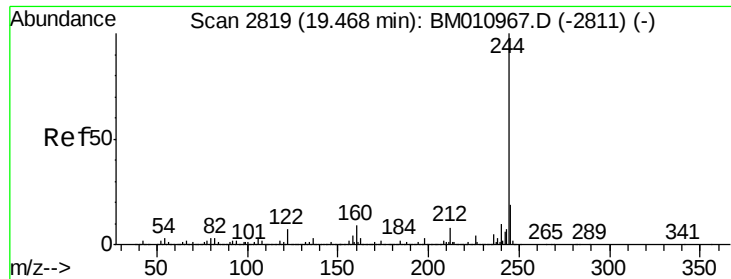
Tot Ion:240 Resp: 1215791
 Ion Ratio Lower Upper
 240 100
 120 4.8 8.2 12.2#
 236 24.2 20.0 30.0



#76
 Benzidine
 Concen: 8.18 ng
 RT: 19.08 min Scan# 2770
 Delta R.T. -0.01 min
 Lab File: BM011096.D
 Acq: 02 Aug 2017 16:13

Tgt Ion:184 Resp: 237974
 Ion Ratio Lower Upper
 184 100
 185 13.3 11.3 16.9
 183 12.0 8.9 13.3





#78

Terphenyl-d14

Concen: 83.93 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011096.D

Acq: 02 Aug 2017 16:13

Instrument :

BNA_M

ClientSampleId :

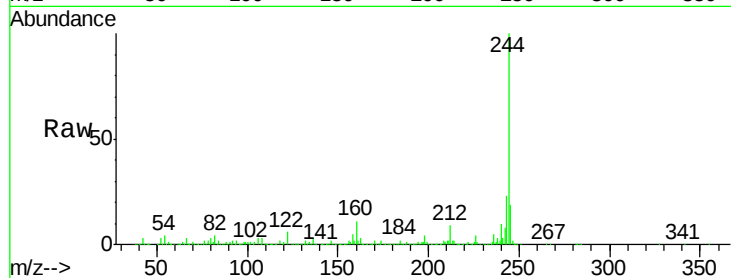
Tot Ion:244 Resp: 5151497

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

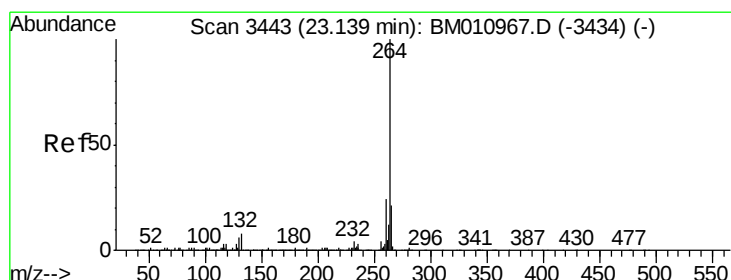
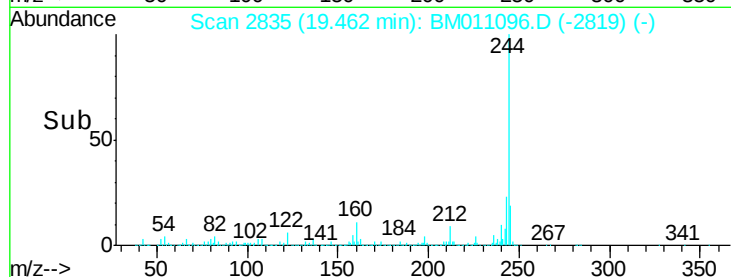
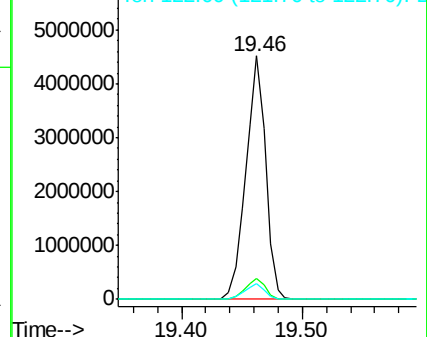
122 6.2 6.2 9.4



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: 20.00 ng

RT: 23.13 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM011096.D

Acq: 02 Aug 2017 16:13

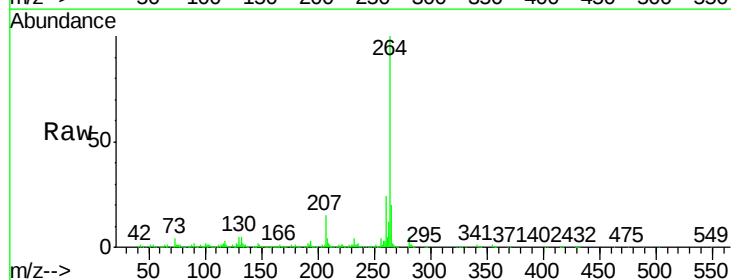
Tgt Ion:264 Resp: 998206

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 20.1 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

