

Data Path : Z:\HPCHEM1\BNA M\Data\BM051117\
 Data File : BM010018.D
 Acq On : 12 May 2017 11:17
 Operator : SJ/MA
 Sample : I3079-09DL2 50X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 12 11:50:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

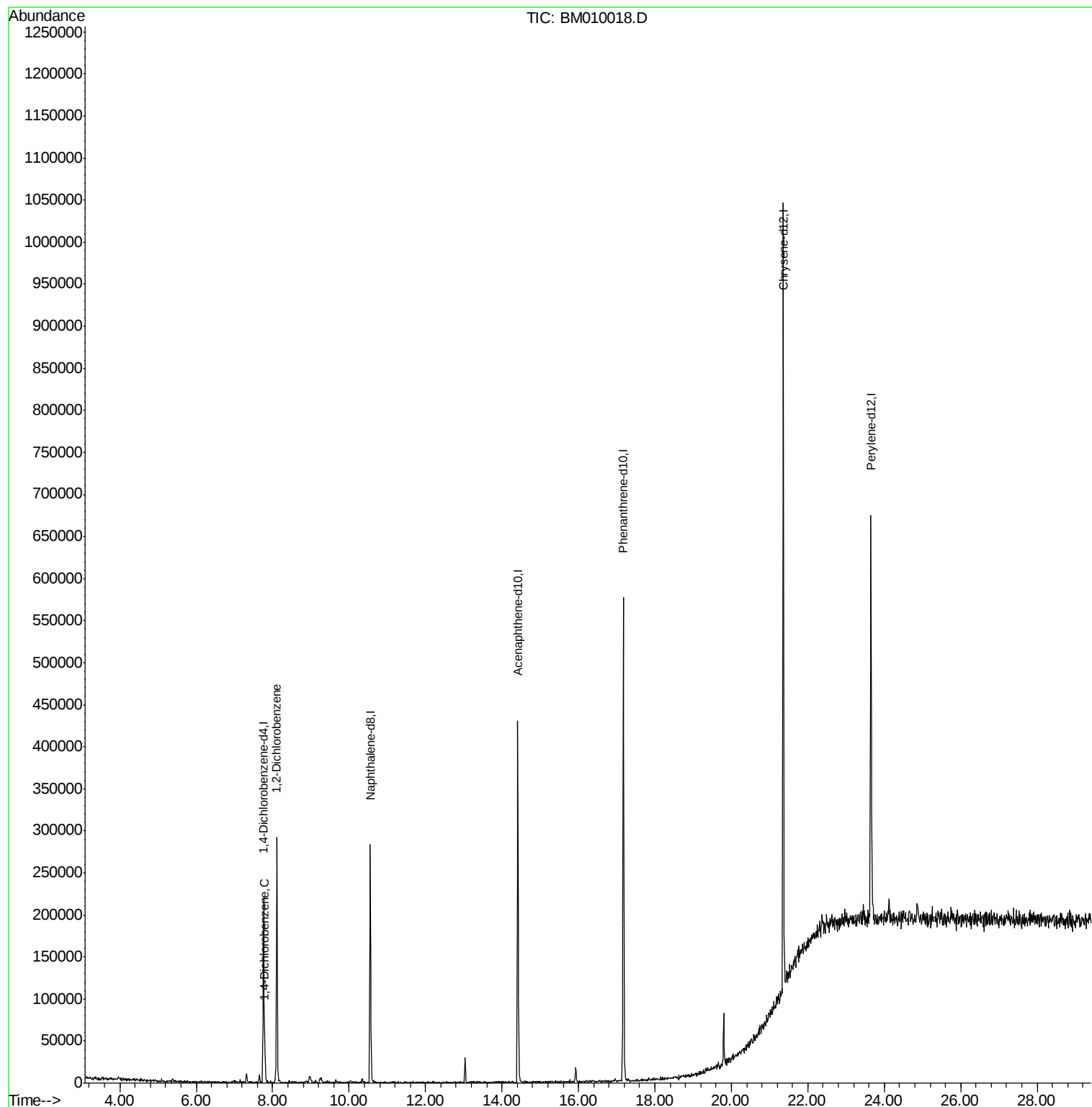
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	46748	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	198192	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	133649	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	348316	20.00	ng	-0.02
75) Chrysene-d12	21.36	240	463324	20.00	ng	-0.03
86) Perylene-d12	23.65	264	365103	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	2552	0.85	ng	0.02
7) Phenol-d6	6.99	99	1566	0.33	ng	0.02
23) Nitrobenzene-d5	8.96	82	7703	1.42	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	2794	1.53	ng	0.00
44) 2-Fluorobiphenyl	13.03	172	15398	1.54	ng	-0.02
78) Terphenyl-d14	19.79	244	26088	1.19	ng	-0.02
Target Compounds						
13) 1,4-Dichlorobenzene	7.80	146	13571	3.66	ng	# 87
14) 1,2-Dichlorobenzene	8.11	146	96639	26.87	ng	# 91

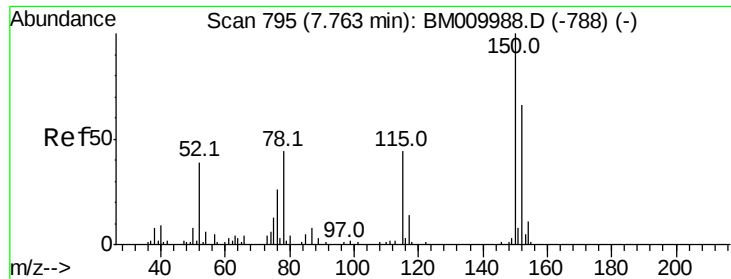
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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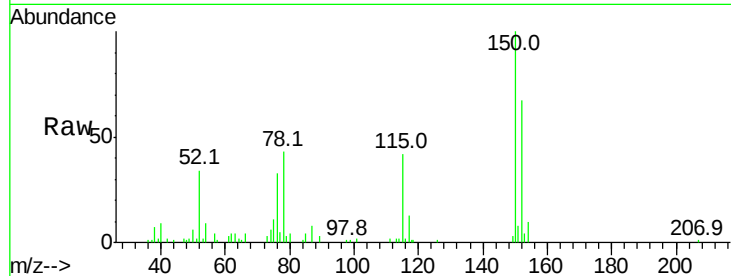


#1

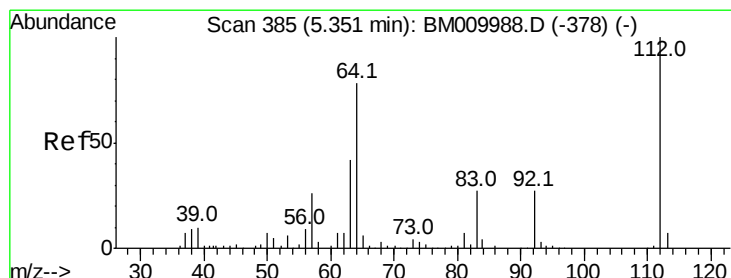
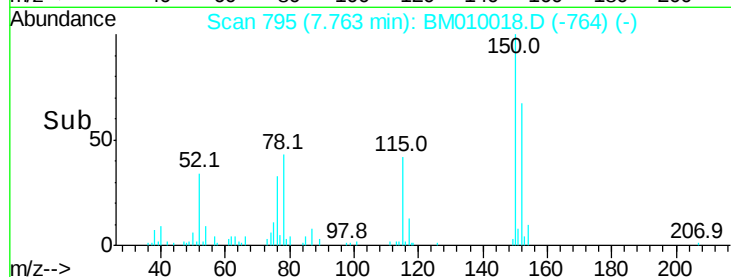
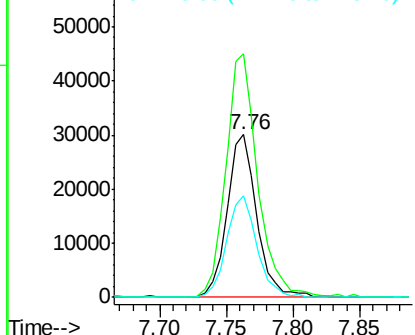
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM010018.D
Acq: 12 May 2017 11:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 46748
Ion Ratio Lower Upper
152 100
150 149.8 119.5 179.3
115 62.7 43.0 64.4



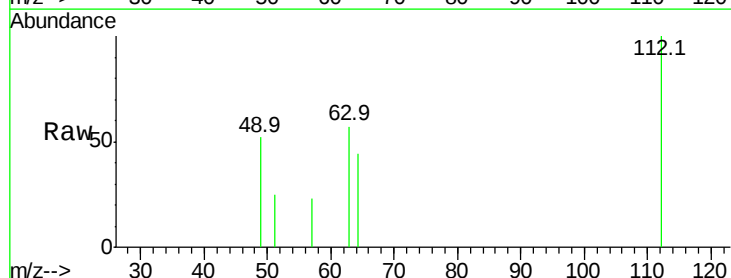
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



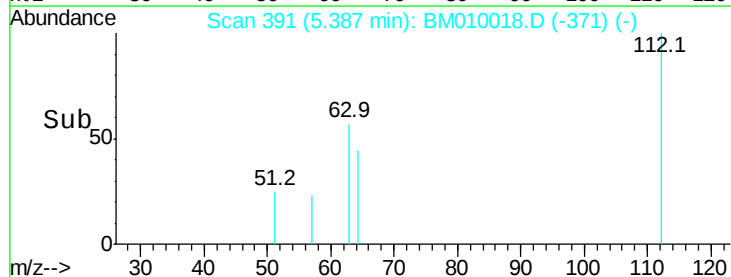
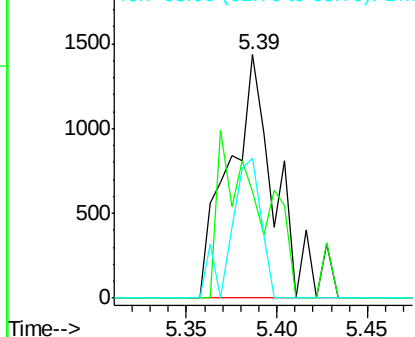
#5

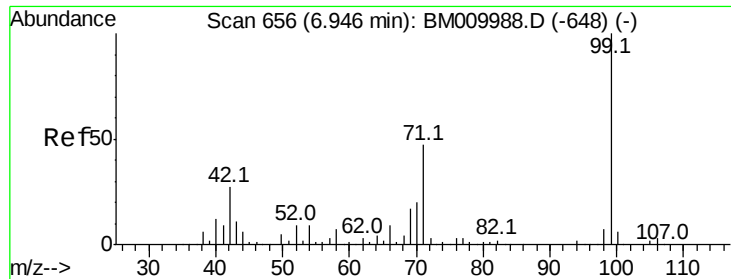
2-Fluorophenol
Concen: 0.85 ng
RT: 5.39 min Scan# 391
Delta R.T. 0.02 min
Lab File: BM010018.D
Acq: 12 May 2017 11:17

Tgt Ion:112 Resp: 2552
Ion Ratio Lower Upper
112 100
64 44.0 38.6 57.8
63 57.4 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: 0.33 ng

RT: 6.99 min Scan# 664

Delta R.T. 0.02 min

Lab File: BM010018.D

Acq: 12 May 2017 11:17

Instrument :

BNA_M

ClientSampled :

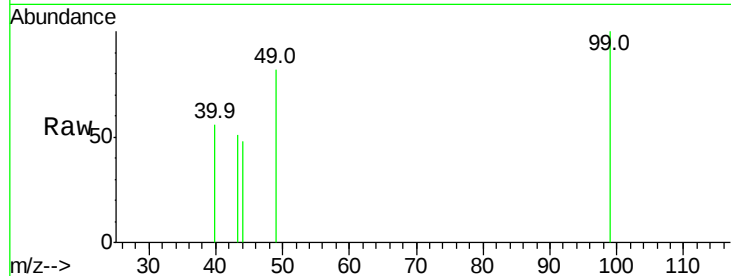
Tot Ion: 99 Resp: 1566

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

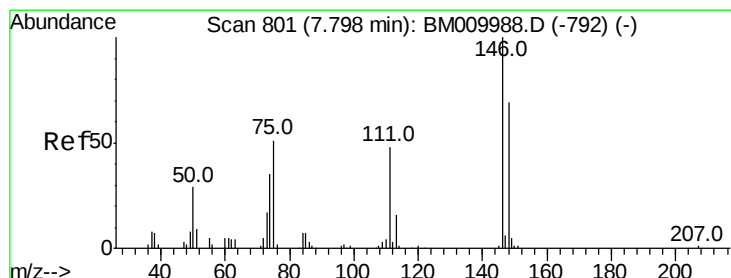
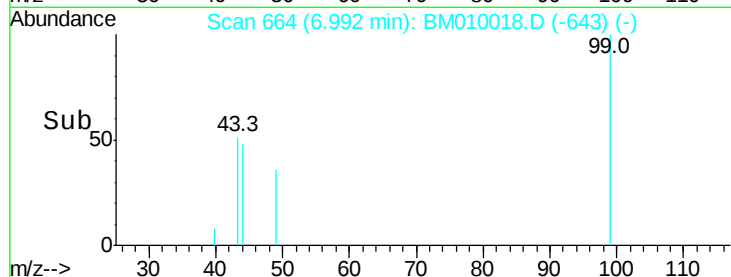
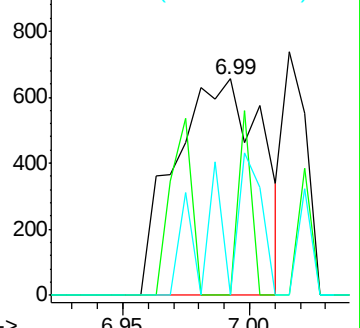
71 0.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009988.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM009988.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM009988.D (-648) (-)



#13

1,4-Dichlorobenzene

Concen: 3.66 ng

RT: 7.80 min Scan# 801

Delta R.T. -0.02 min

Lab File: BM010018.D

Acq: 12 May 2017 11:17

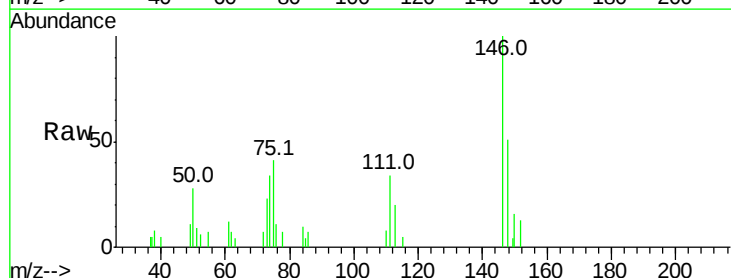
Tgt Ion: 146 Resp: 13571

Ion Ratio Lower Upper

146 100

148 50.9 51.9 77.9#

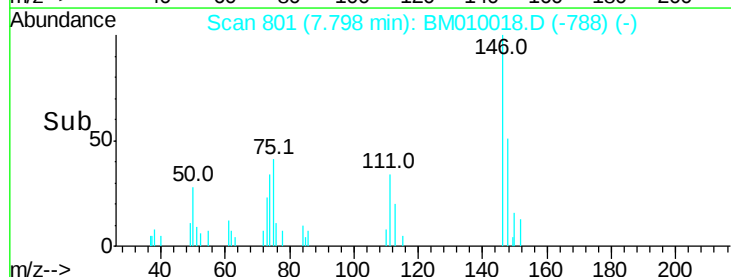
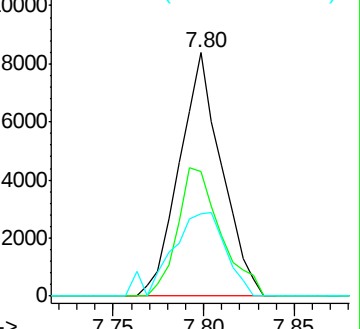
111 34.1 29.2 43.8

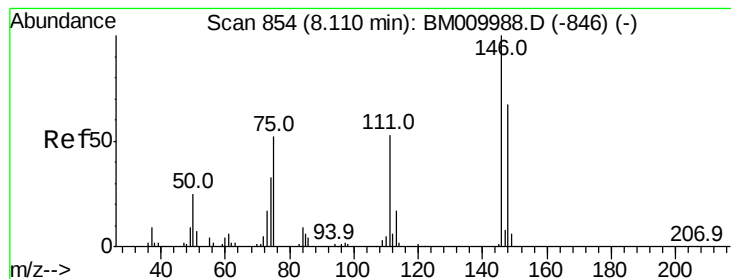


Abundance Ion 146.00 (145.70 to 146.70): BM009988.D (-792) (-)

Ion 148.00 (147.70 to 148.70): BM009988.D (-792) (-)

Ion 111.00 (110.70 to 111.70): BM009988.D (-792) (-)

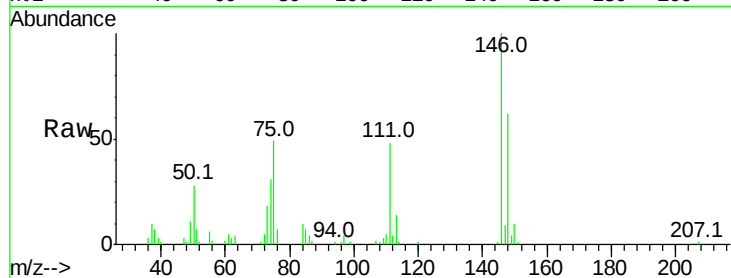




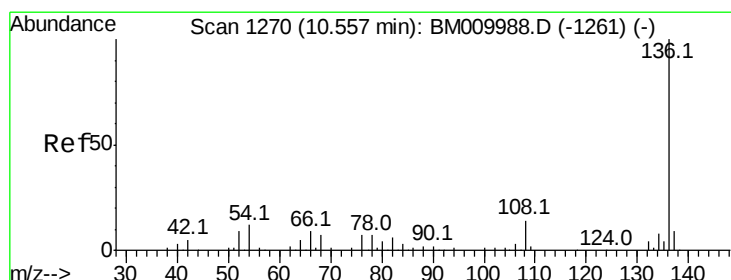
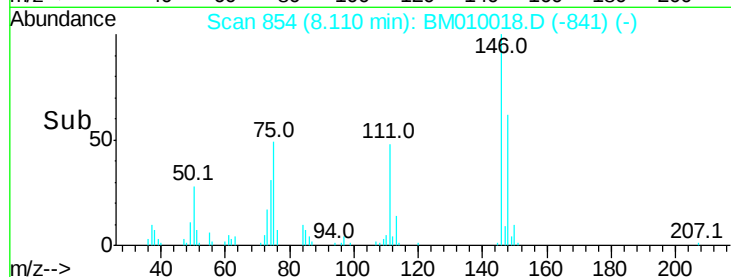
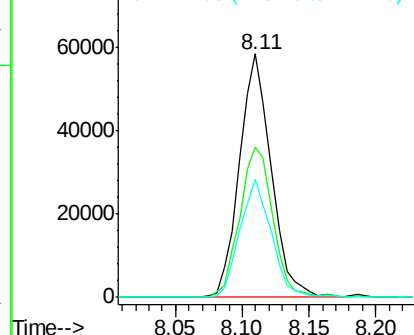
#14
 1,2-Dichlorobenzene
 Concen: 26.87 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.02 min
 Lab File: BM010018.D
 Acq: 12 May 2017 11:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 96639
 Ion Ratio Lower Upper
 146 100
 148 61.7 52.3 78.5
 111 48.5 30.6 45.8#

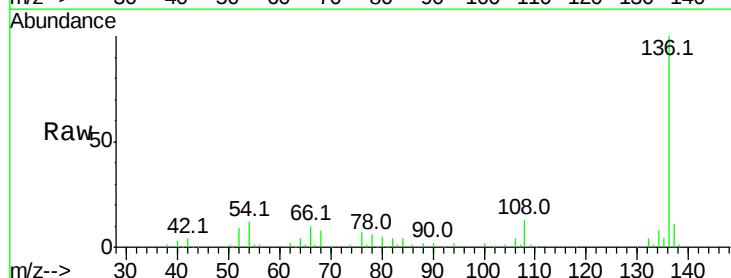


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

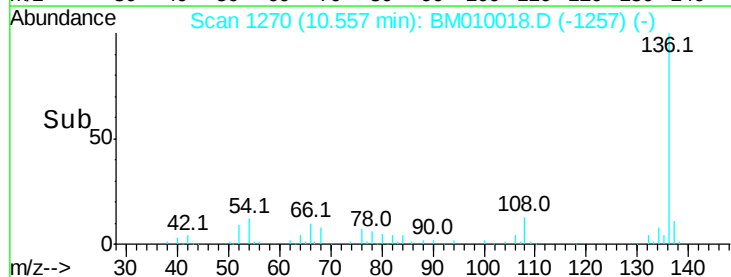
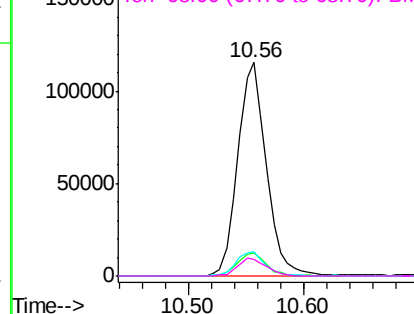


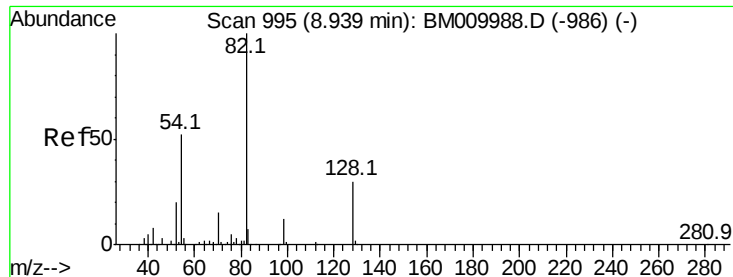
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BM010018.D
 Acq: 12 May 2017 11:17

Tgt Ion:136 Resp: 198192
 Ion Ratio Lower Upper
 136 100
 137 10.5 8.7 13.1
 54 11.5 4.6 6.8#
 68 8.0 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): BM0
 Ion 68.00 (67.70 to 68.70): BM0

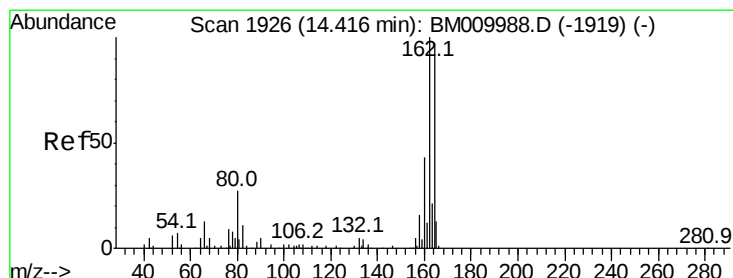
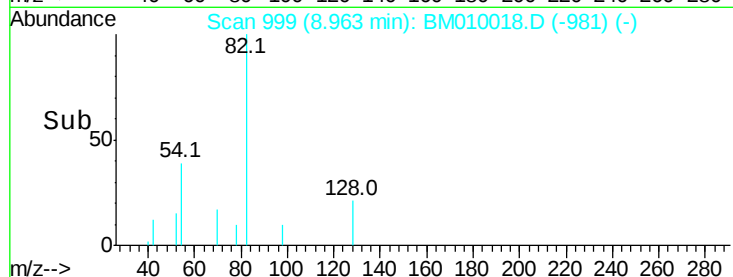
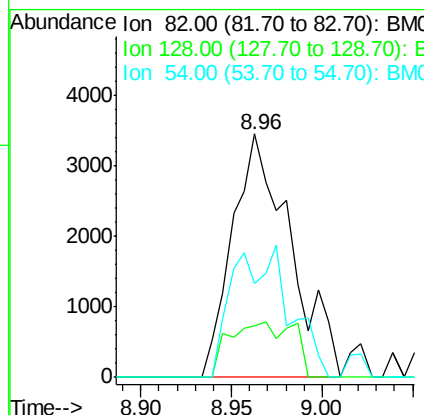
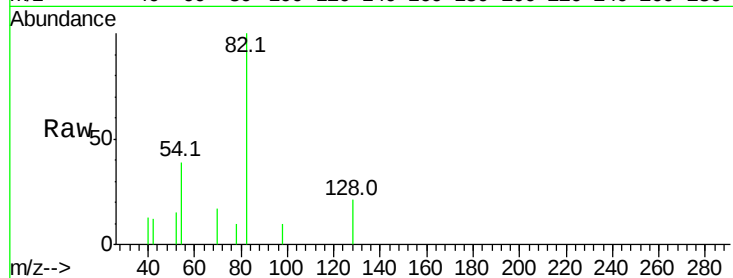




#23
Nitrobenzene-d5
Concen: 1.42 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BM010018.D
Acq: 12 May 2017 11:17

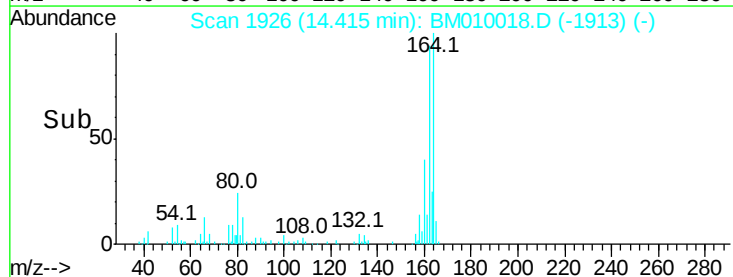
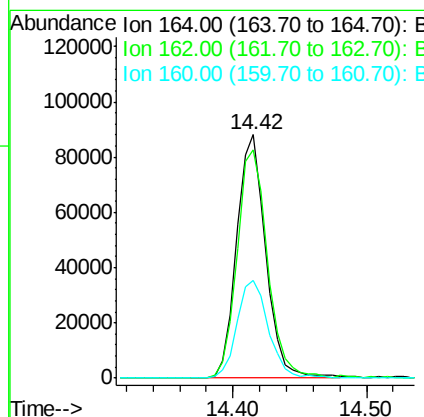
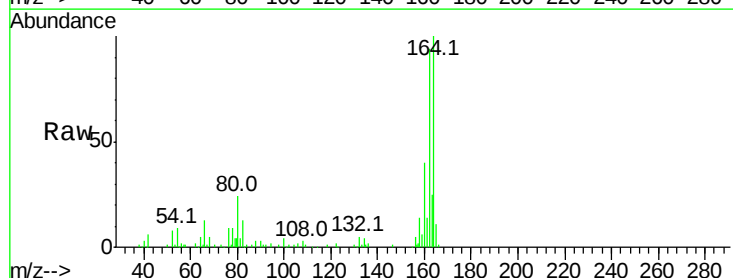
Instrument :
BNA_M
ClientSampleId :

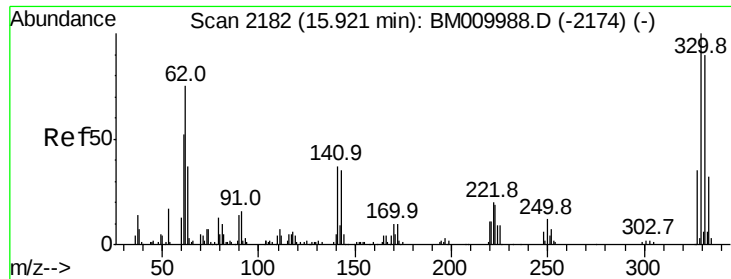
Tot Ion	Ratio	Lower	Upper
82	100		
128	21.4	32.8	49.2#
54	38.7	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BM010018.D
Acq: 12 May 2017 11:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.9	82.4	123.6
160	40.2	35.8	53.6

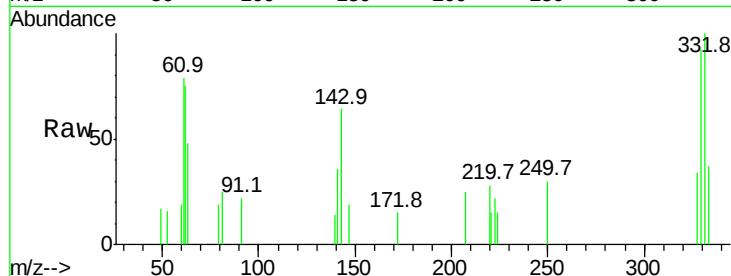




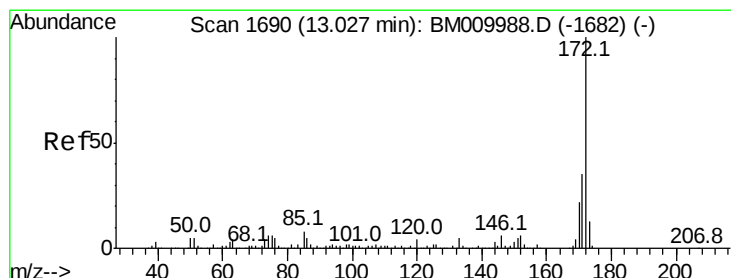
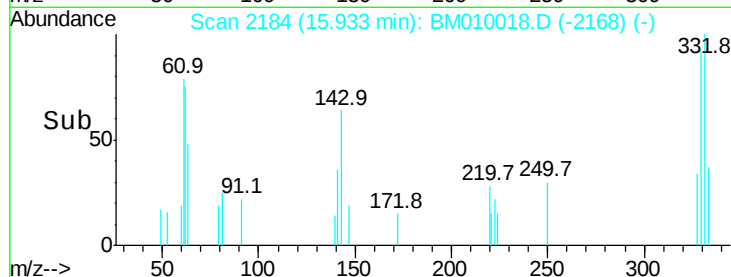
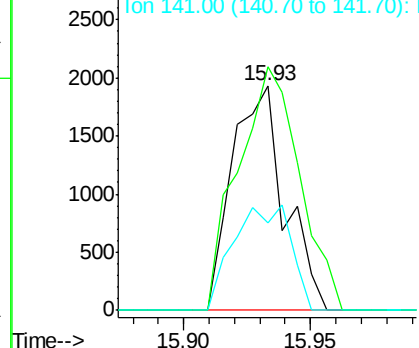
#41
 2,4,6-Tribromophenol
 Concen: 1.53 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM010018.D
 Acq: 12 May 2017 11:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 2794
 Ion Ratio Lower Upper
 330 100
 332 127.2 0.0 0.0#
 141 50.9 0.0 0.0#

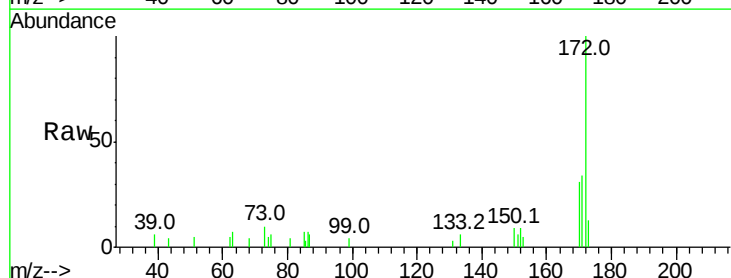


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

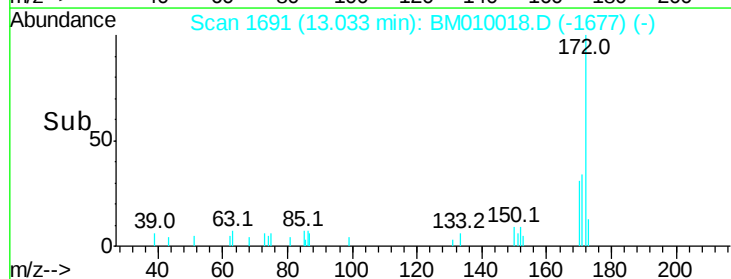
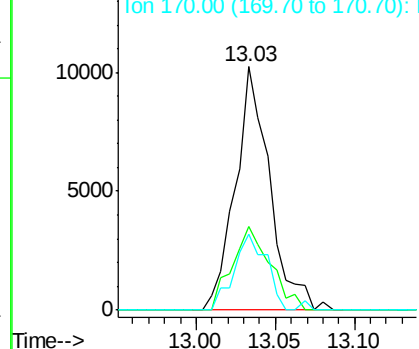


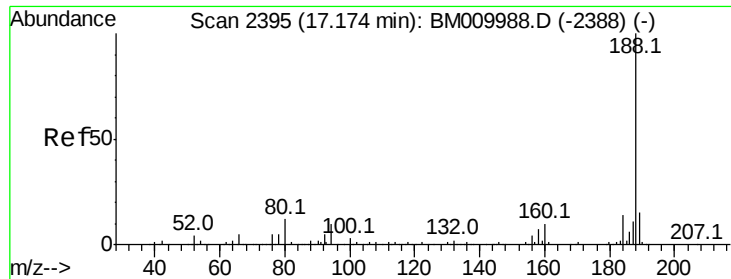
#44
 2-Fluorobiphenyl
 Concen: 1.54 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.02 min
 Lab File: BM010018.D
 Acq: 12 May 2017 11:17

Tgt Ion:172 Resp: 15398
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 31.1 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

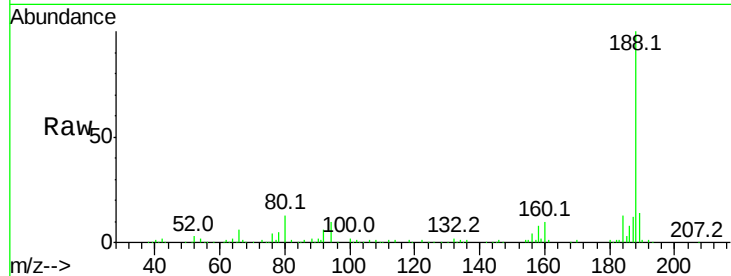




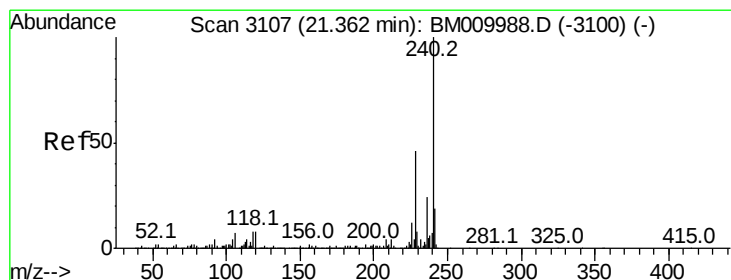
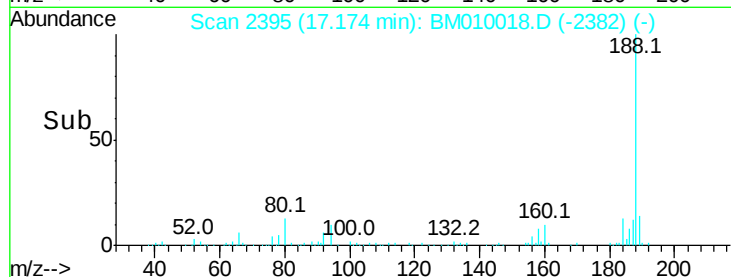
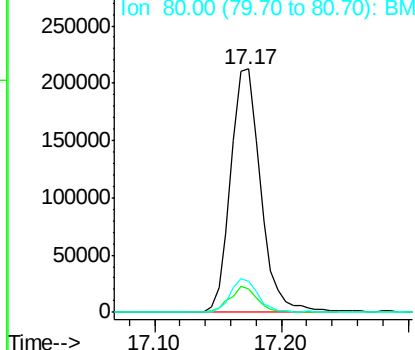
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2395
Delta R.T. -0.02 min
Lab File: BM010018.D
Acq: 12 May 2017 11:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 348316
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 12.9 9.3 13.9

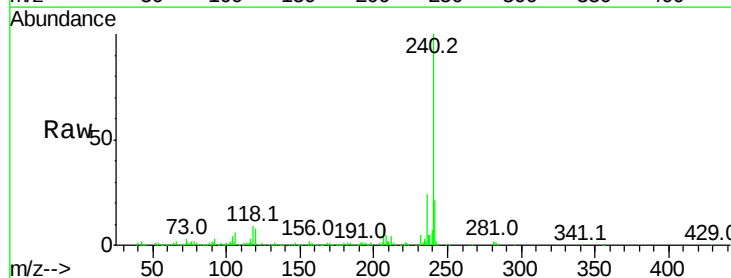


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

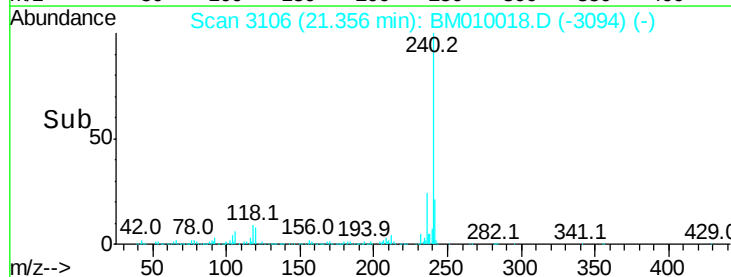
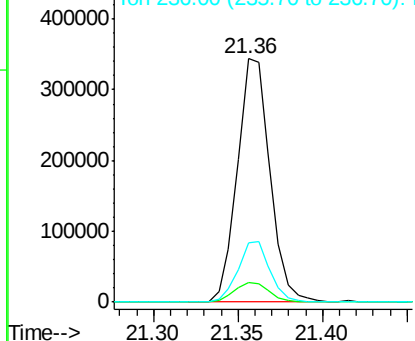


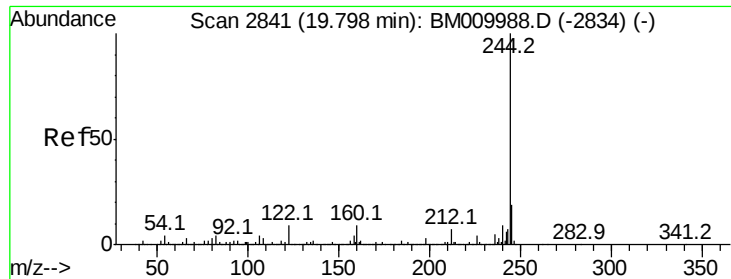
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010018.D
Acq: 12 May 2017 11:17

Tgt Ion:240 Resp: 463324
Ion Ratio Lower Upper
240 100
120 8.0 8.2 12.2#
236 24.1 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

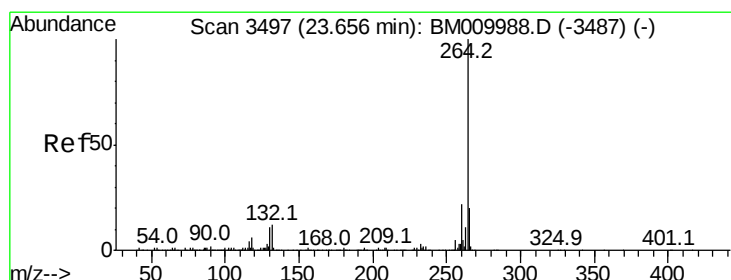
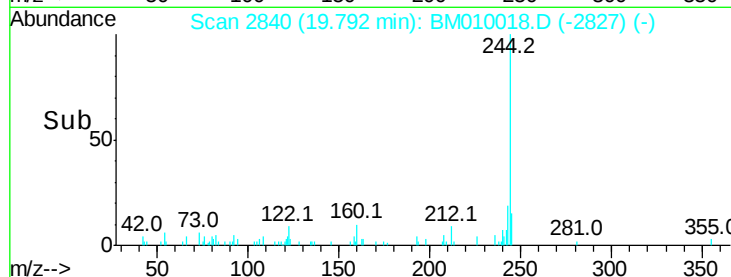
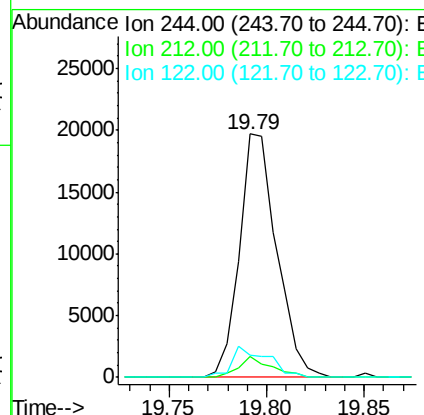
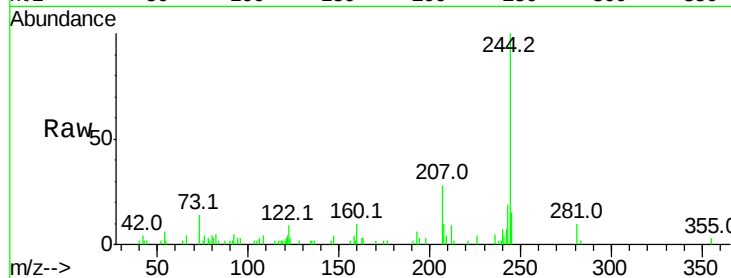




#78
 Terphenyl-d14
 Concen: 1.19 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. -0.02 min
 Lab File: BM010018.D
 Acq: 12 May 2017 11:17

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	9.2	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3496
 Delta R.T. -0.04 min
 Lab File: BM010018.D
 Acq: 12 May 2017 11:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	27.8
265	21.9	17.3	25.9

