

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011197.D
 Acq On : 10 Aug 2017 09:17
 Operator : SJ/JU
 Sample : I4659-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1RE

Quant Time: Aug 10 11:55:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 10 11:50:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	126117	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	428487	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	254912	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	624828	20.00	ng	0.00
75) Chrysene-d12	20.94	240	799101	20.00	ng	0.00
86) Perylene-d12	23.02	264	162144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1096246	146.94	ng	0.00
7) Phenol-d6	6.50	99	1311933	123.77	ng	0.00
23) Nitrobenzene-d5	8.45	82	1401617	122.77	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	601749	147.28	ng	0.00
44) 2-Fluorobiphenyl	12.57	172	2254950	110.94	ng	0.00
78) Terphenyl-d14	19.39	244	3576010	88.64	ng	0.00

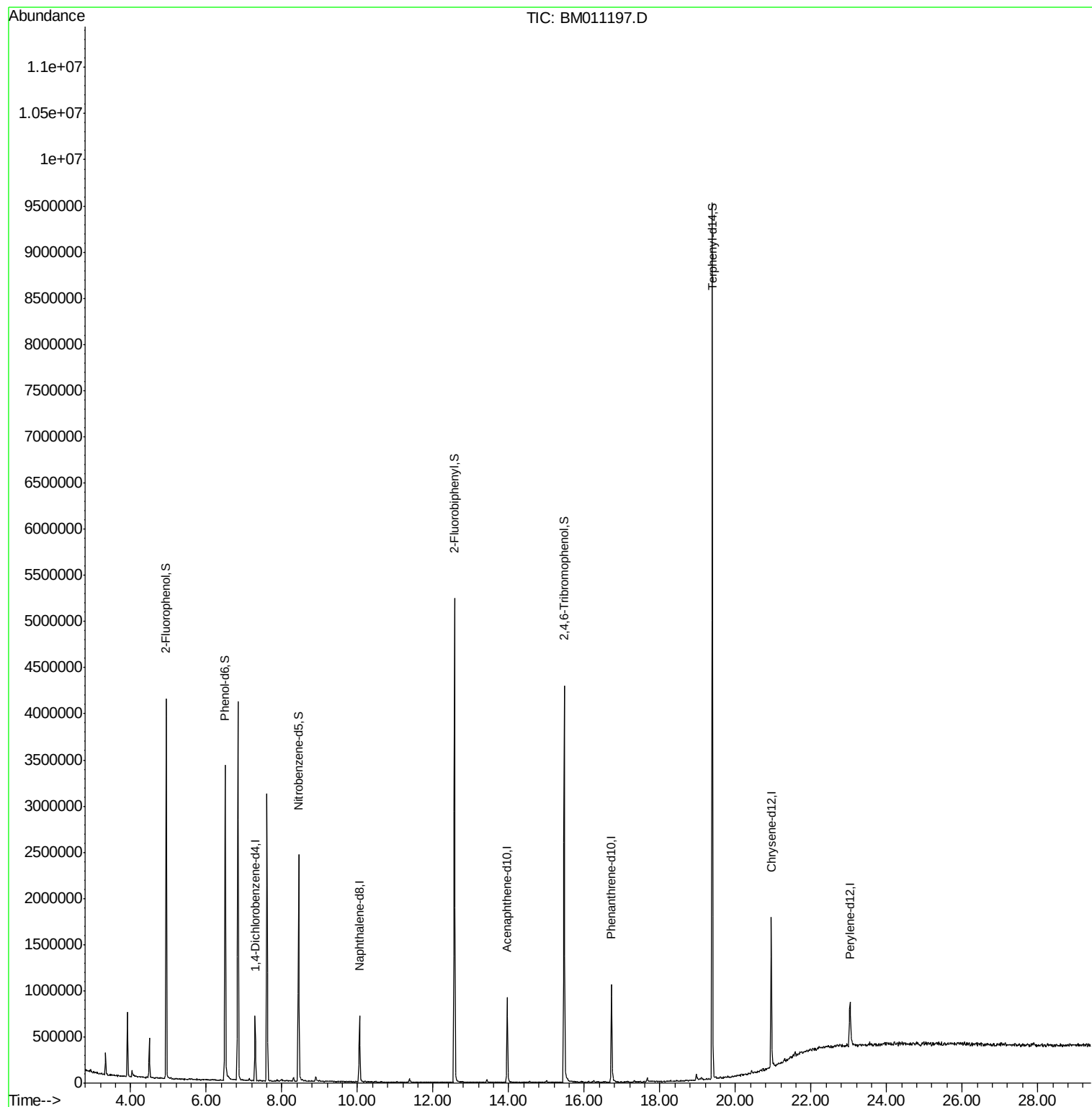
Target Compounds Qvalue

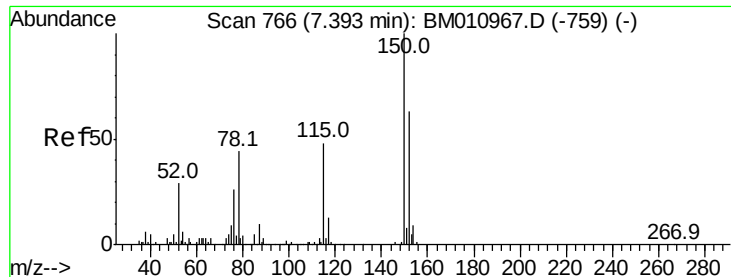
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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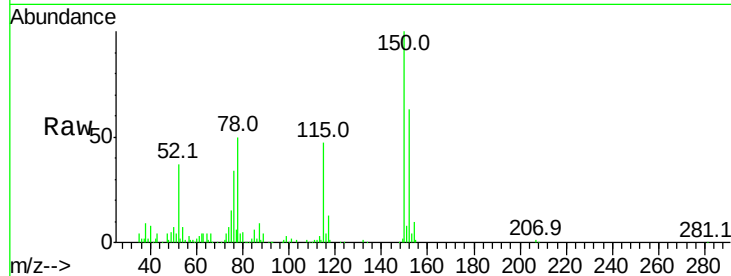


#1

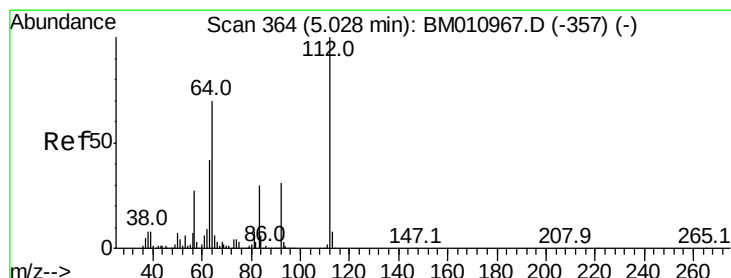
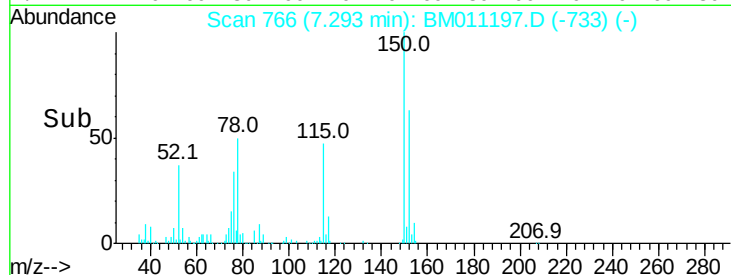
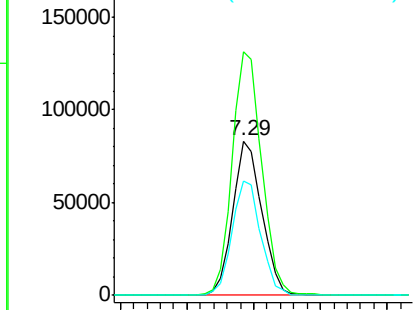
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM011197.D
Acq: 10 Aug 2017 09:17

Instrument :
BNA_M
ClientSampleId :
WC-1RE

Tot Ion:152 Resp: 126117
Ion Ratio Lower Upper
152 100
150 157.6 119.5 179.3
115 73.8 43.0 64.4#



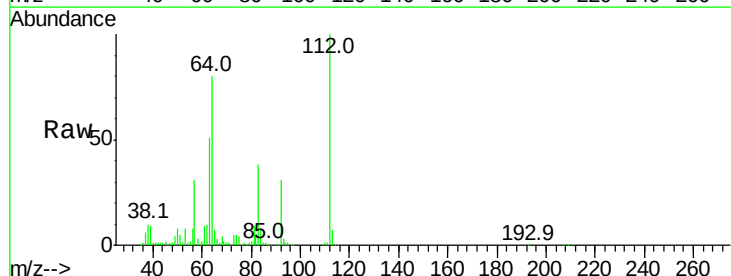
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



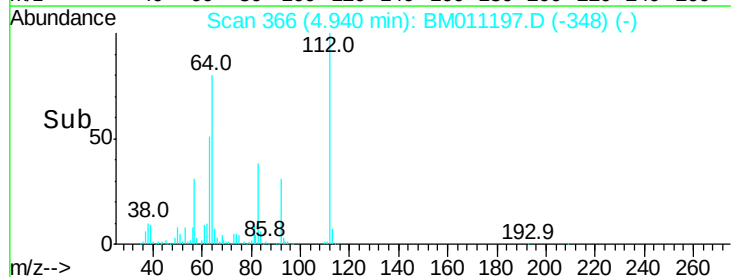
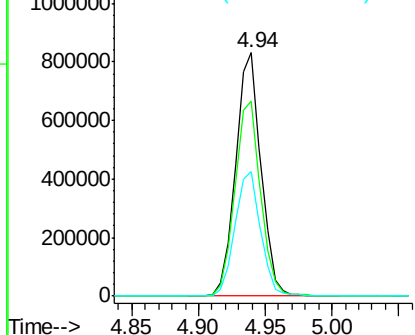
#5

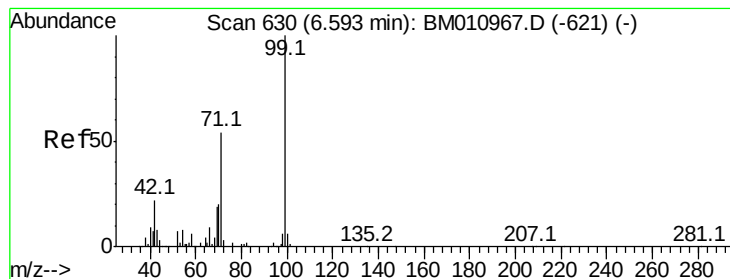
2-Fluorophenol
Concen: 146.938 ng
RT: 4.94 min Scan# 366
Delta R.T. 0.01 min
Lab File: BM011197.D
Acq: 10 Aug 2017 09:17

Tgt Ion:112 Resp: 1096246
Ion Ratio Lower Upper
112 100
64 80.3 38.6 57.8#
63 51.0 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: 123.766 ng

RT: 6.50 min Scan# 631

Delta R.T. 0.00 min

Lab File: BM011197.D

Acq: 10 Aug 2017 09:17

Instrument :

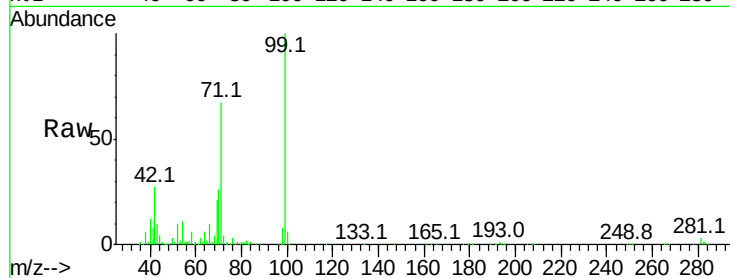
BNA_M

ClientSampleId :

WC-1RE

Tot Ion: 99 Resp: 1311933

Ion	Ratio	Lower	Upper
99	100		
42	27.4	11.0	16.4#
71	67.0	23.4	35.2#

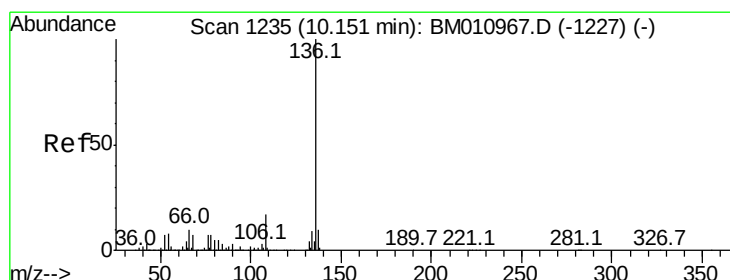
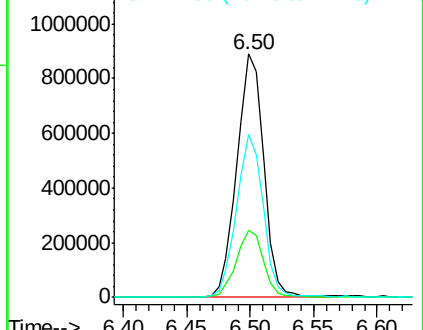
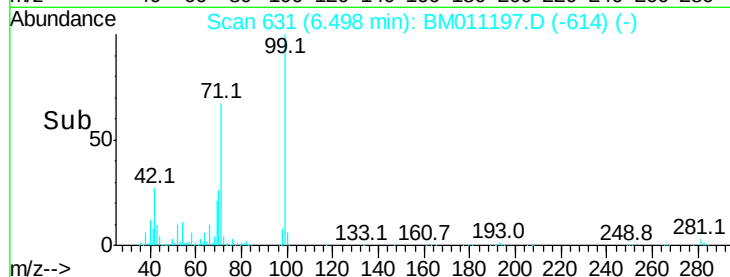


Abundance

Ion 99.00 (98.70 to 99.70): BM011197.D (-614) (-)

Ion 42.00 (41.70 to 42.70): BM011197.D (-614) (-)

Ion 71.00 (70.70 to 71.70): BM011197.D (-614) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

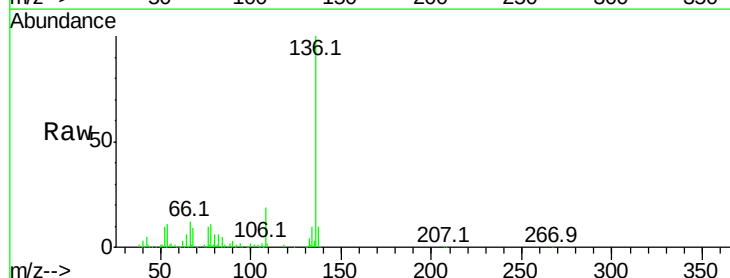
Delta R.T. 0.00 min

Lab File: BM011197.D

Acq: 10 Aug 2017 09:17

Tgt Ion: 136 Resp: 428487

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.7	13.1
54	10.9	4.6	6.8#
68	8.6	3.7	5.5#



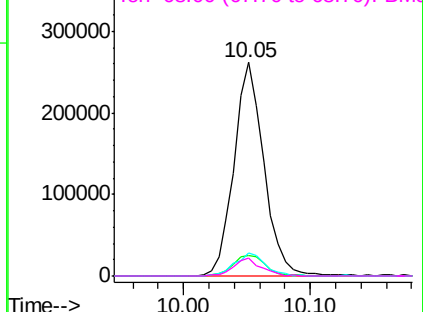
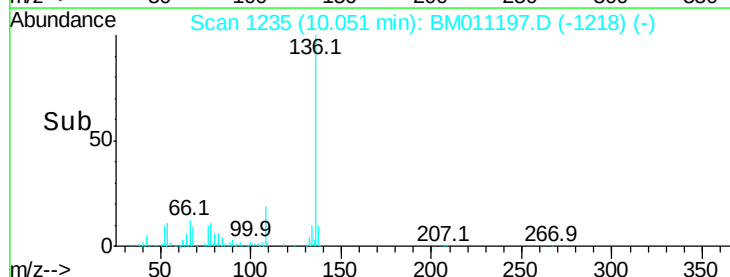
Abundance

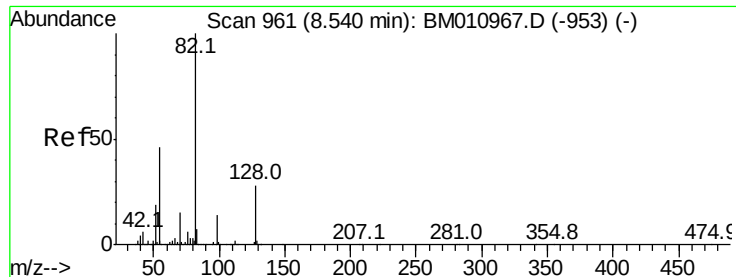
Ion 136.00 (135.70 to 136.70): BM011197.D (-1218) (-)

Ion 137.00 (136.70 to 137.70): BM011197.D (-1218) (-)

Ion 54.00 (53.70 to 54.70): BM011197.D (-1218) (-)

Ion 68.00 (67.70 to 68.70): BM011197.D (-1218) (-)





#23

Nitrobenzene-d5

Concen: 122.769 ng

RT: 8.45 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM011197.D

Acq: 10 Aug 2017 09:17

Instrument :

BNA_M

ClientSampleId :

WC-1RE

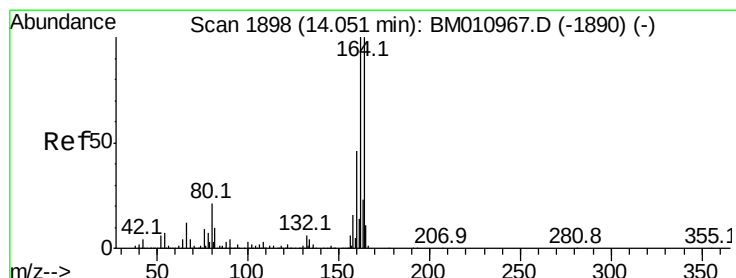
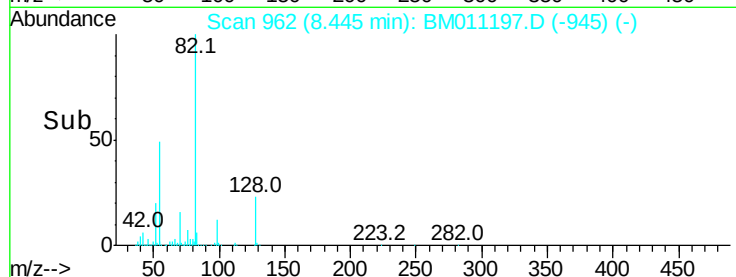
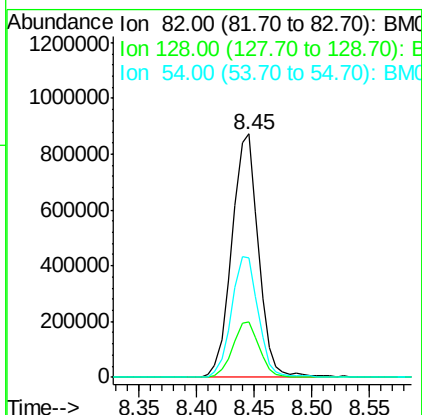
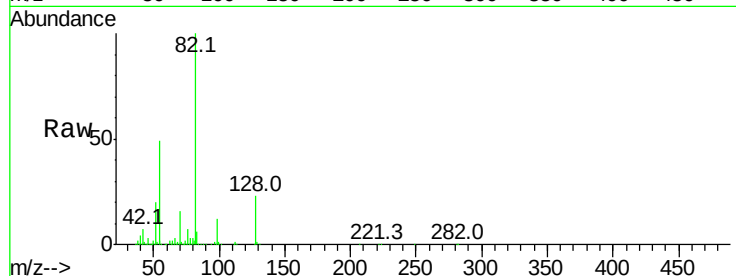
Tot Ion: 82 Resp: 1401617

Ion Ratio Lower Upper

82 100

128 22.7 32.8 49.2#

54 48.9 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BM011197.D

Acq: 10 Aug 2017 09:17

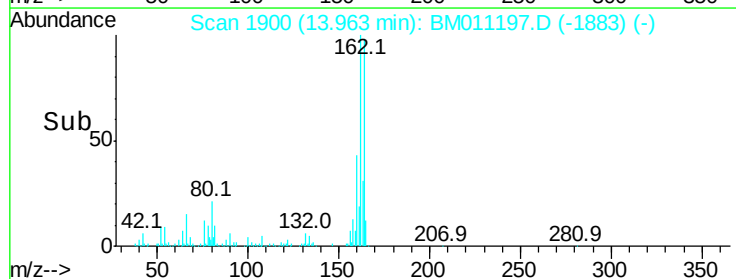
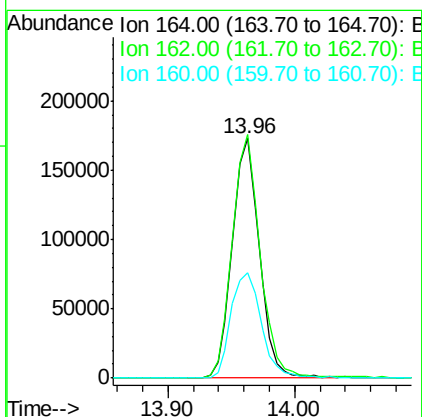
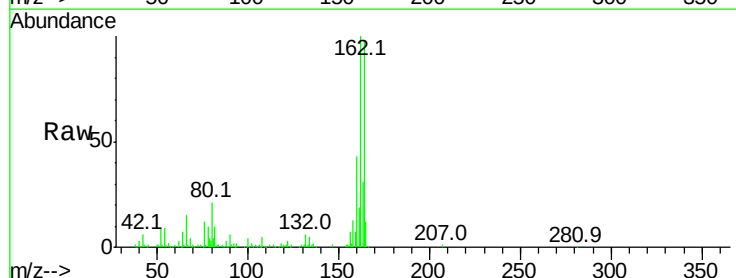
Tgt Ion:164 Resp: 254912

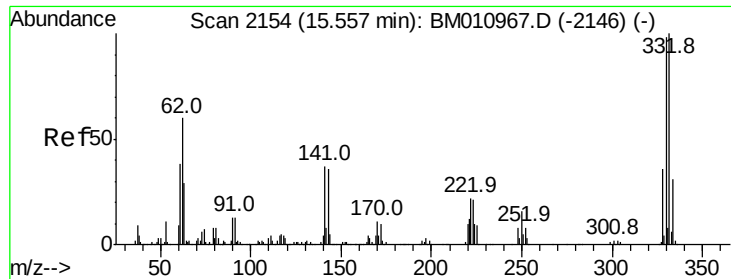
Ion Ratio Lower Upper

164 100

162 101.7 82.4 123.6

160 44.0 35.8 53.6

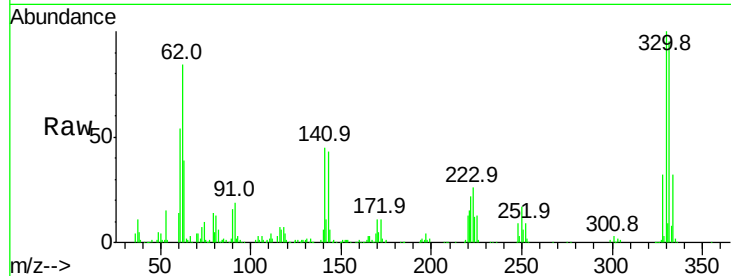




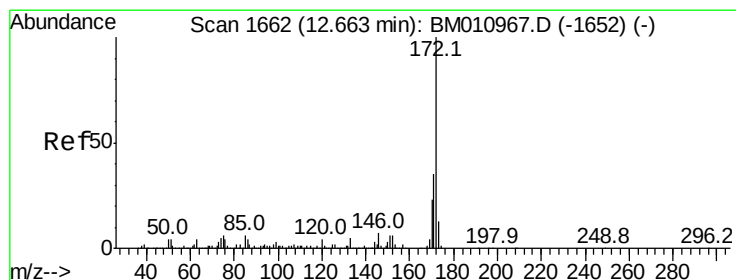
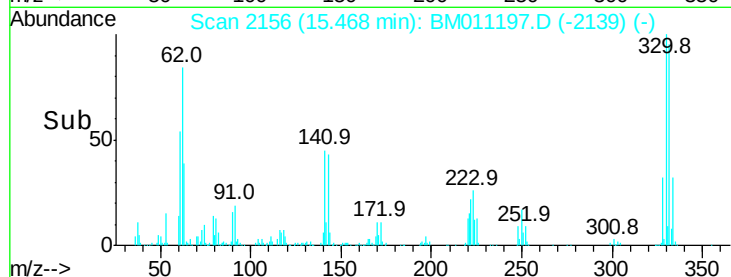
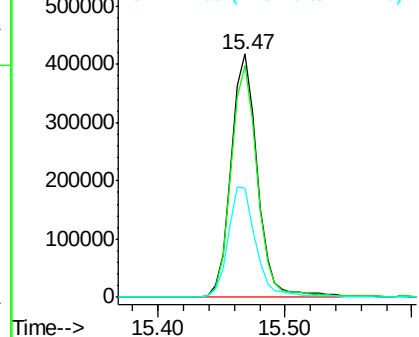
#41
 2,4,6-Tribromophenol
 Concen: 147.282 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BM011197.D
 Acq: 10 Aug 2017 09:17

Instrument :
 BNA_M
 ClientSampled :
 WC-1RE

Tot Ion:330 Resp: 601749
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 47.4 0.0 0.0#

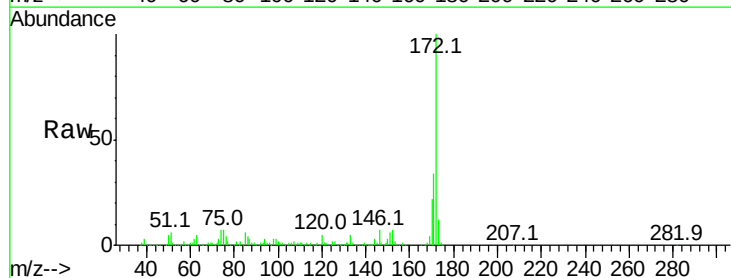


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

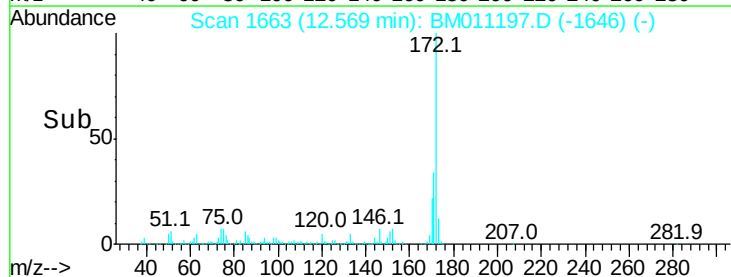
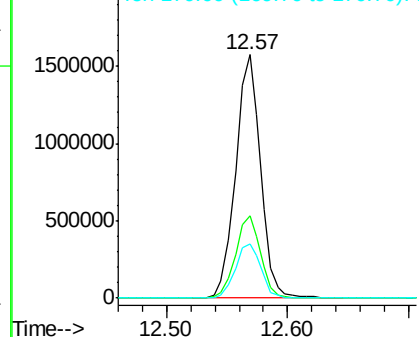


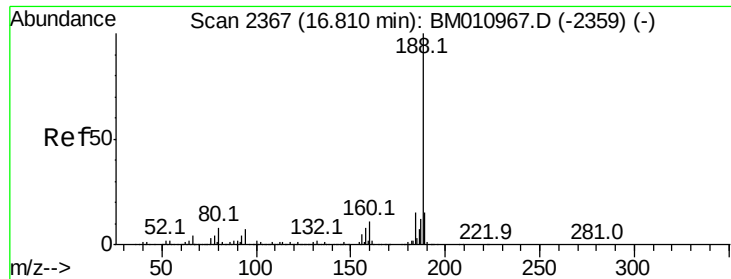
#44
 2-Fluorobiphenyl
 Concen: 110.941 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM011197.D
 Acq: 10 Aug 2017 09:17

Tgt Ion:172 Resp: 2254950
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.5 42.7
 170 22.4 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

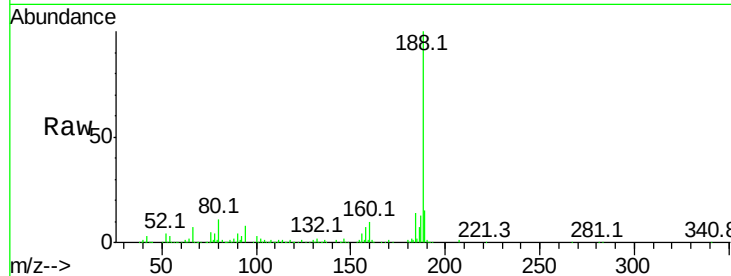




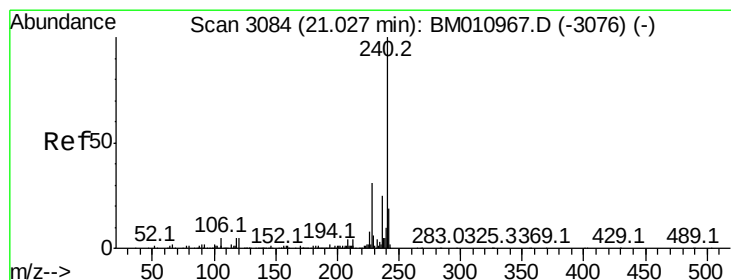
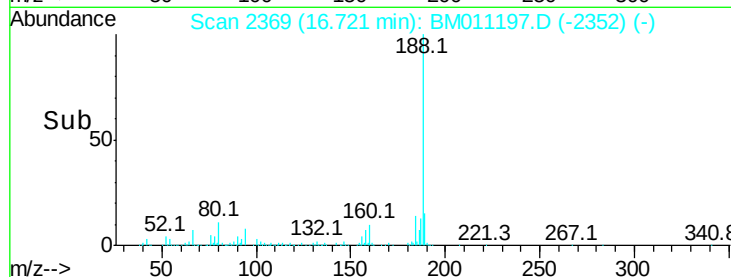
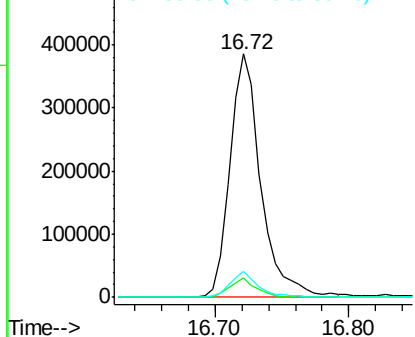
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BM011197.D
Acq: 10 Aug 2017 09:17

Instrument :
BNA_M
ClientSampled :
WC-1RE

Tot Ion:188 Resp: 624828
Ion Ratio Lower Upper
188 100
94 8.2 8.7 13.1#
80 10.6 9.3 13.9

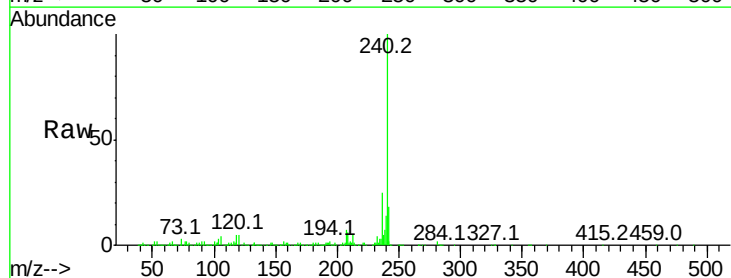


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

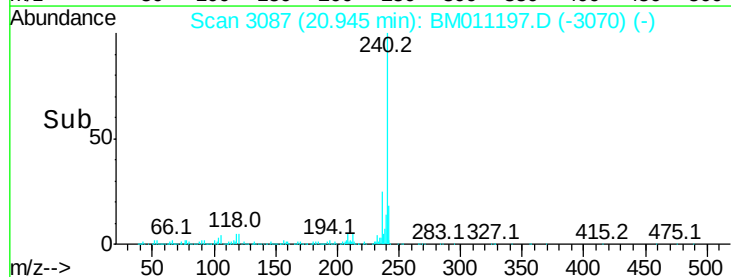
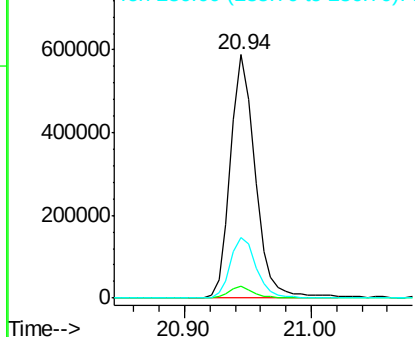


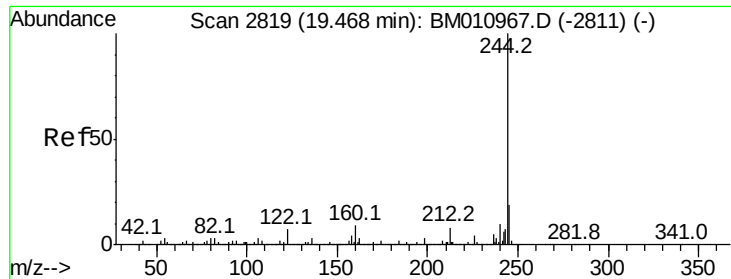
#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM011197.D
Acq: 10 Aug 2017 09:17

Tgt Ion:240 Resp: 799101
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 25.1 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

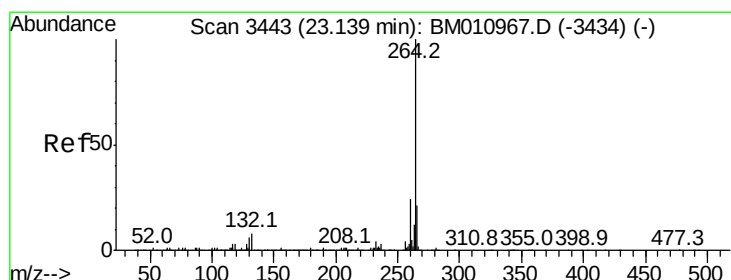
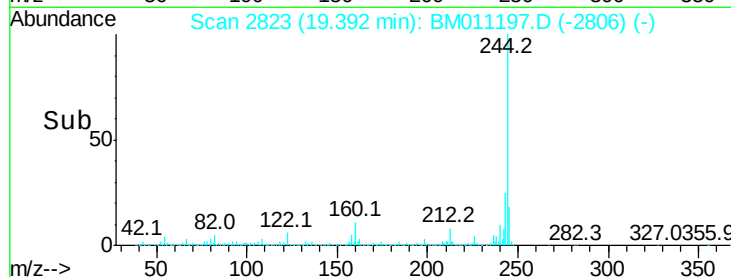
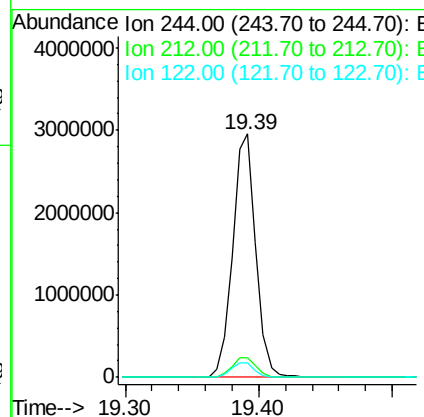
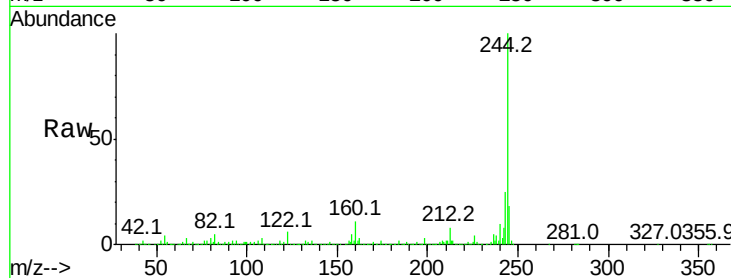




#78
 Terphenyl-d14
 Concen: 88.645 ng
 RT: 19.39 min Scan# 2823
 Delta R.T. 0.00 min
 Lab File: BM011197.D
 Acq: 10 Aug 2017 09:17

Instrument :
 BNA_M
 ClientSampleId :
 WC-1RE

Tot Ion:244 Resp: 3576010
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.9 7.3#
 122 6.2 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. 0.00 min
 Lab File: BM011197.D
 Acq: 10 Aug 2017 09:17

Tgt Ion:264 Resp: 162144
 Ion Ratio Lower Upper
 264 100
 260 32.8 18.6 27.8#
 265 24.0 17.3 25.9

