

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011194.D
 Acq On : 10 Aug 2017 02:59
 Operator : SJ/JU
 Sample : I4659-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

Quant Time: Aug 10 03:49:52 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	7.30	152	113446	20.00	ng	-0.09
21) Naphthalene-d8	10.05	136	384469	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	228503	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	623962	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	860922	20.00	ng	-0.08
86) Perylene-d12	23.02	264	188262	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	996493	148.49	ng	-0.09
7) Phenol-d6	6.50	99	1182480	124.01	ng	-0.09
23) Nitrobenzene-d5	8.45	82	1266725	123.66	ng	-0.09
41) 2,4,6-Tribromophenol	15.47	330	586286	160.08	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2046291	112.31	ng	-0.09
78) Terphenyl-d14	19.39	244	3939236	90.64	ng	-0.08

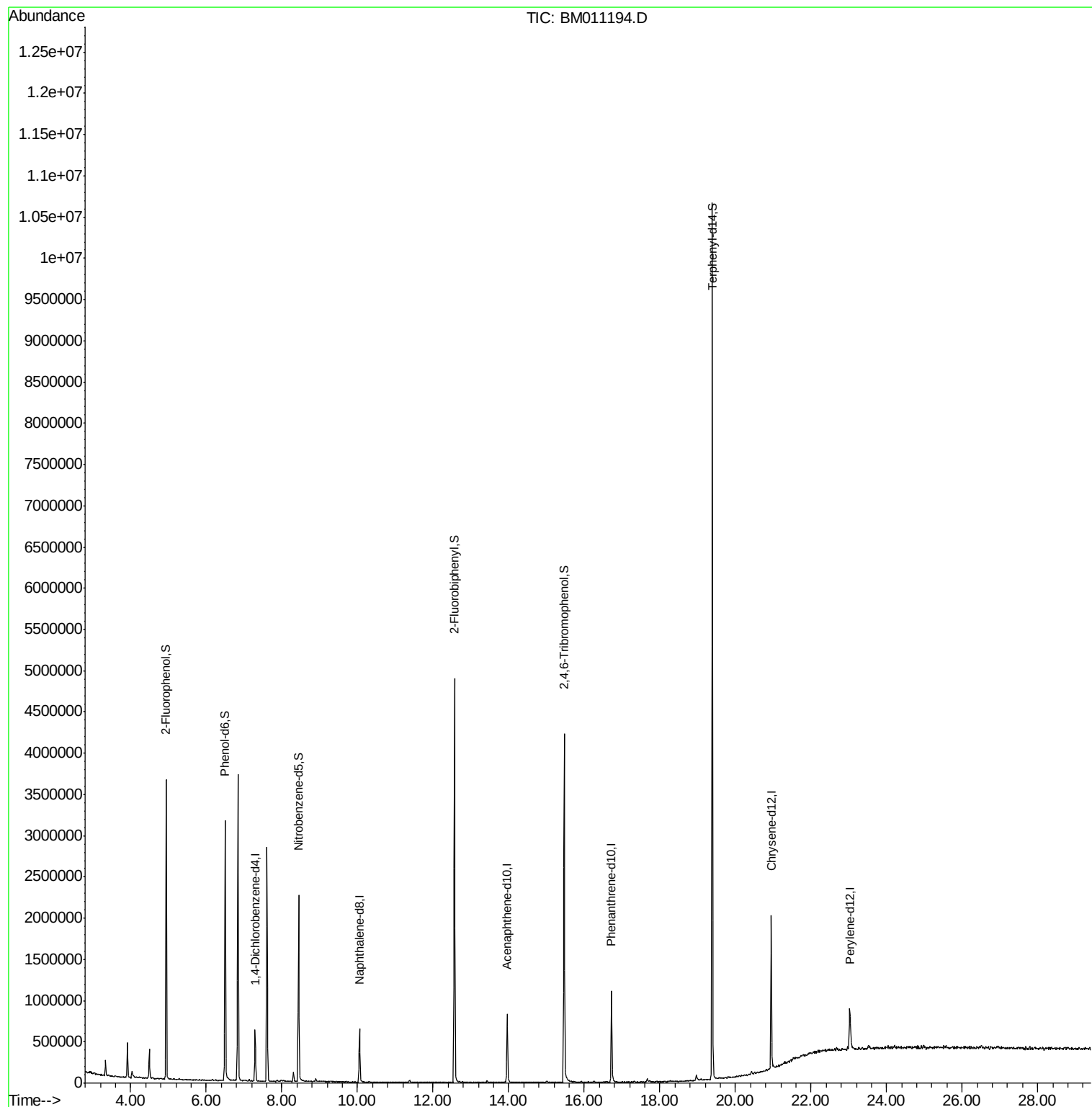
Target Compounds Qvalue

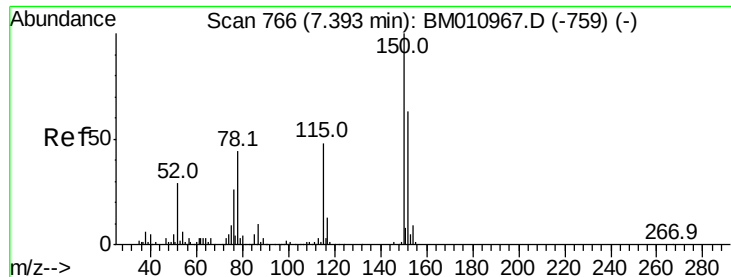
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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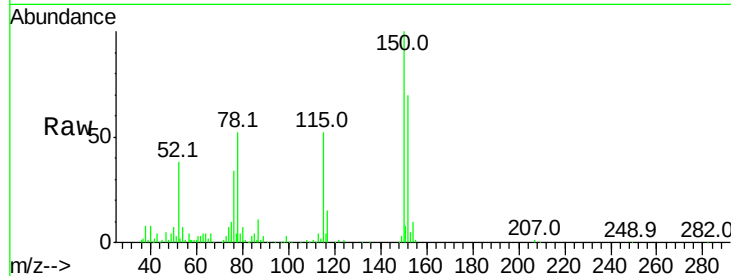


#1

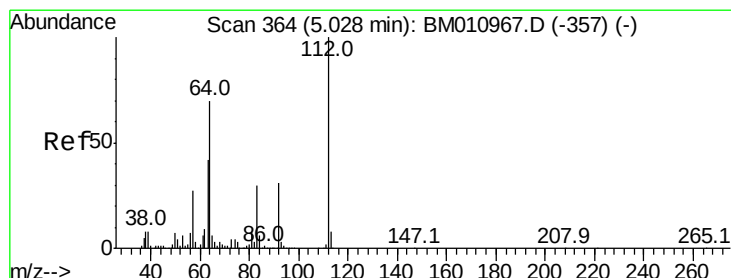
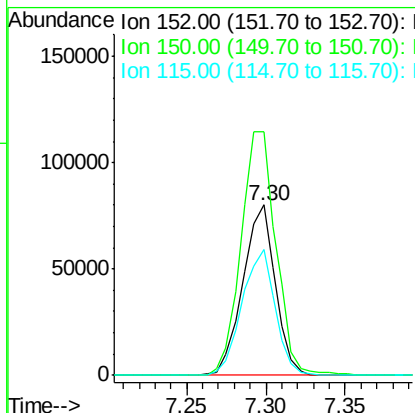
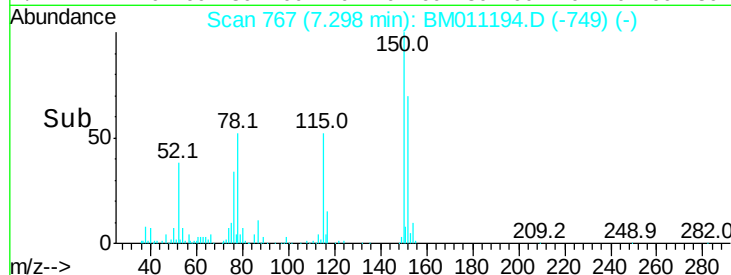
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 767
Delta R.T. -0.09 min
Lab File: BM011194.D
Acq: 10 Aug 2017 02:59

Instrument :
BNA_M
ClientSampleId :
WC-1

Tot Ion:152 Resp: 113446
Ion Ratio Lower Upper
152 100
150 142.9 119.5 179.3
115 74.2 43.0 64.4#



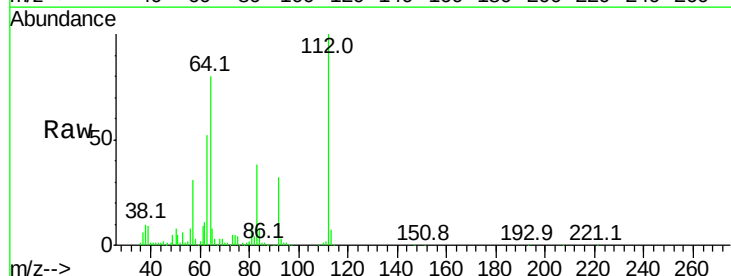
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



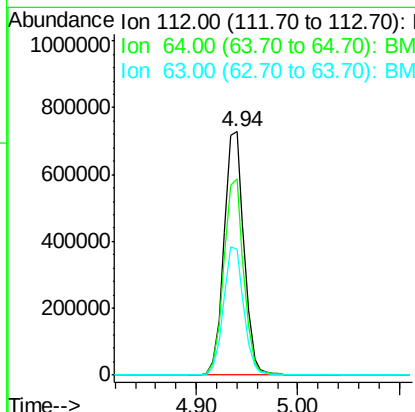
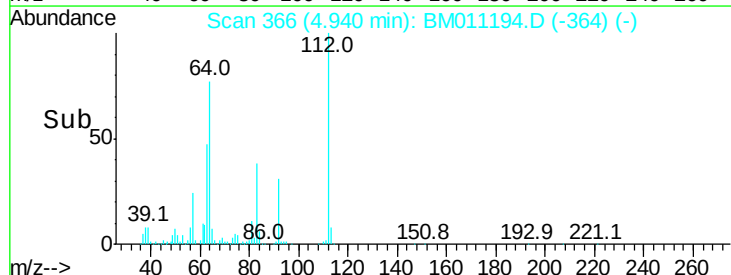
#5

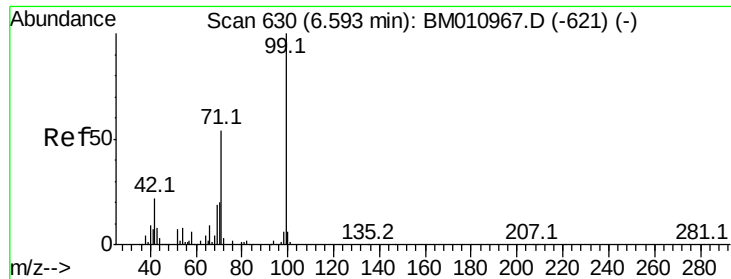
2-Fluorophenol
Concen: 148.486 ng
RT: 4.94 min Scan# 366
Delta R.T. -0.09 min
Lab File: BM011194.D
Acq: 10 Aug 2017 02:59

Tgt Ion:112 Resp: 996493
Ion Ratio Lower Upper
112 100
64 80.4 38.6 57.8#
63 51.6 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: 124.013 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011194.D

Acq: 10 Aug 2017 02:59

Instrument :

BNA_M

ClientSampleId :

WC-1

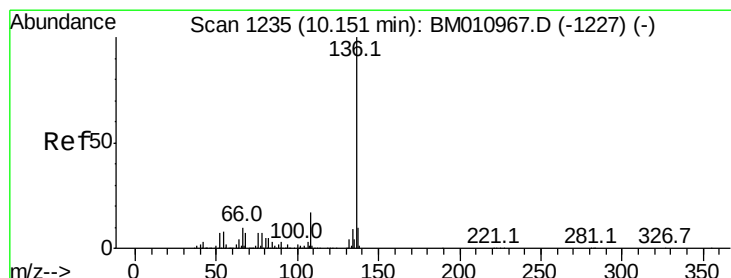
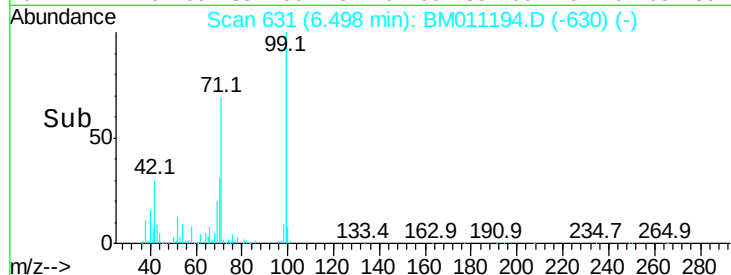
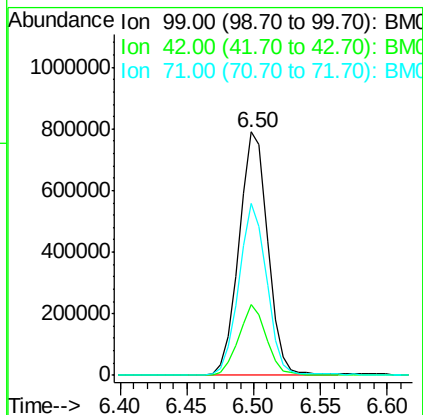
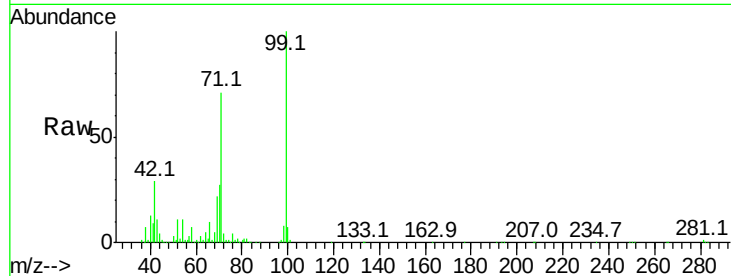
Tot Ion: 99 Resp: 1182480

Ion Ratio Lower Upper

99 100

42 28.9 11.0 16.4#

71 70.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011194.D

Acq: 10 Aug 2017 02:59

Tgt Ion: 136 Resp: 384469

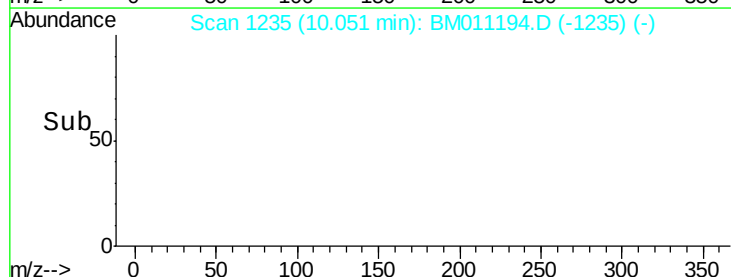
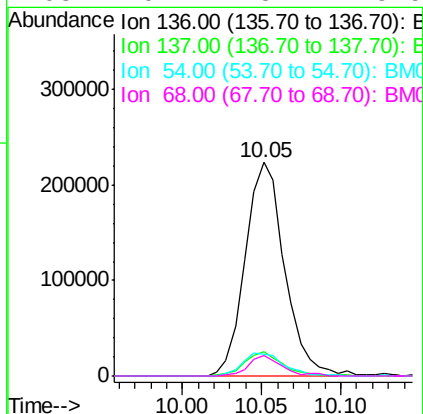
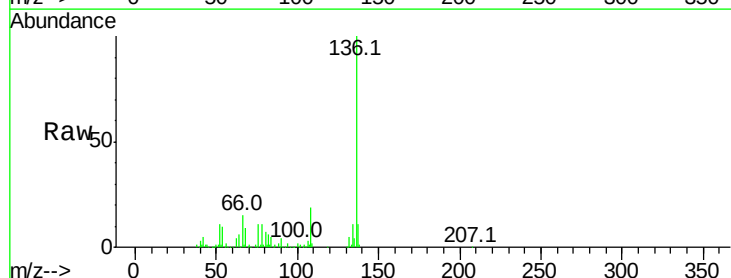
Ion Ratio Lower Upper

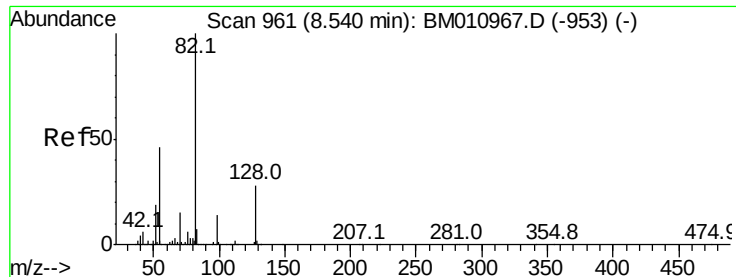
136 100

137 11.2 8.7 13.1

54 10.4 4.6 6.8#

68 9.4 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 123.657 ng

RT: 8.45 min Scan# 962

Delta R.T. -0.09 min

Lab File: BM011194.D

Acq: 10 Aug 2017 02:59

Instrument :

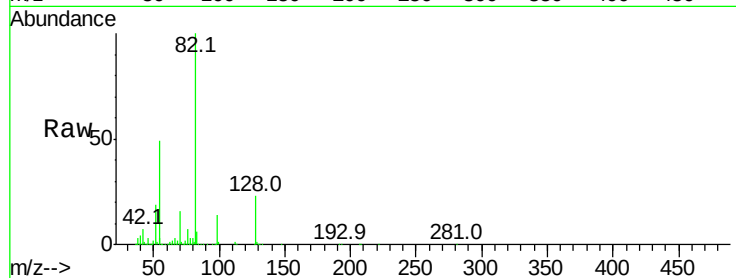
BNA_M

ClientSampleId :

WC-1

Tot Ion: 82 Resp: 1266725

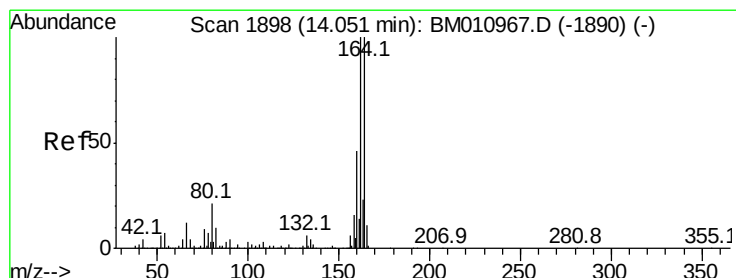
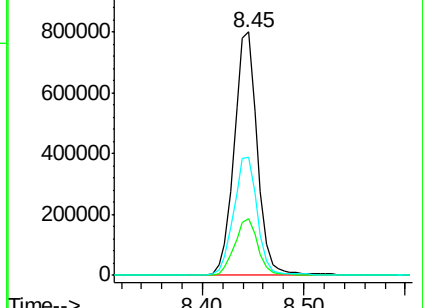
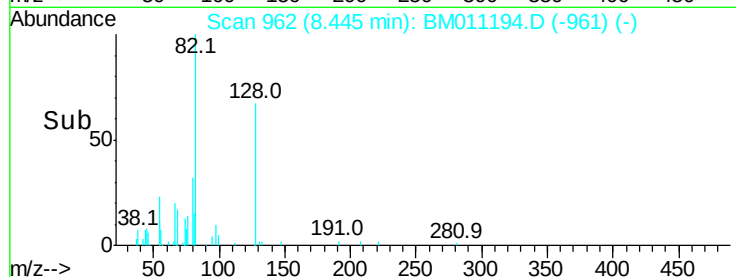
Ion	Ratio	Lower	Upper
82	100		
128	23.1	32.8	49.2#
54	48.8	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011194.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011194.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011194.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1900

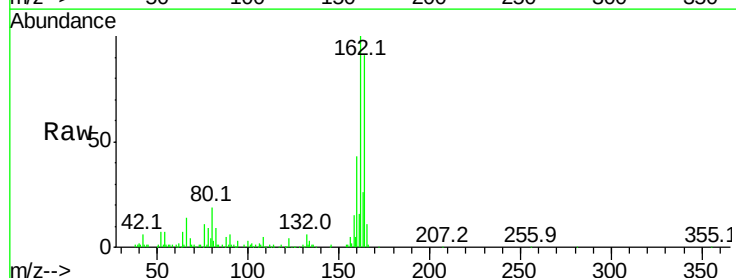
Delta R.T. -0.09 min

Lab File: BM011194.D

Acq: 10 Aug 2017 02:59

Tgt Ion:164 Resp: 228503

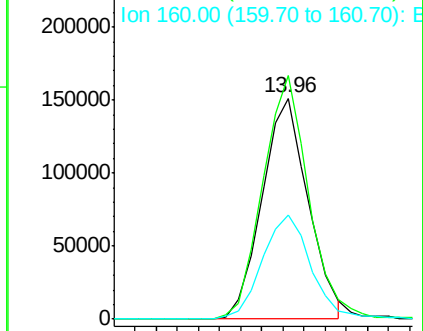
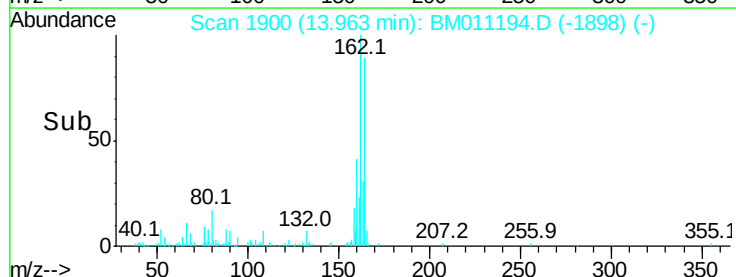
Ion	Ratio	Lower	Upper
164	100		
162	110.2	82.4	123.6
160	47.4	35.8	53.6

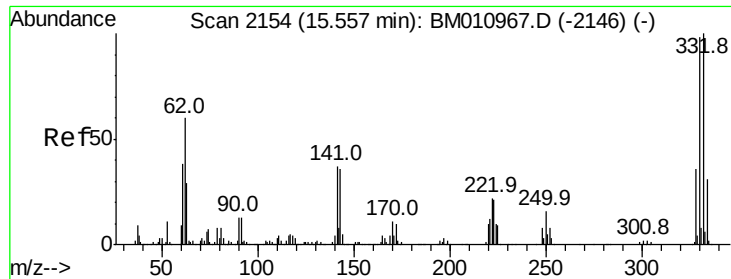


Abundance Ion 164.00 (163.70 to 164.70): BM011194.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011194.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011194.D (-1898) (-)

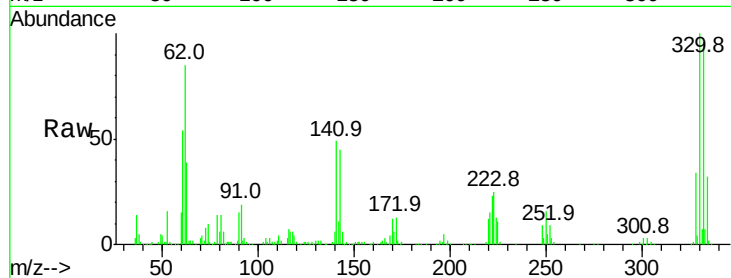




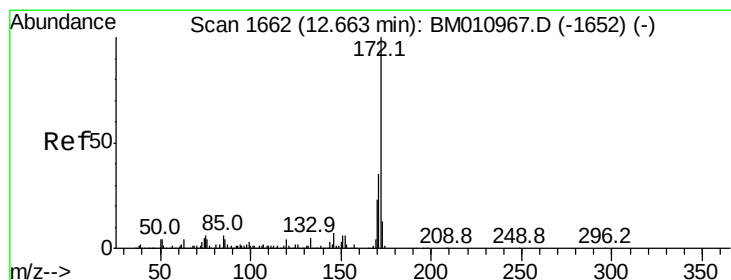
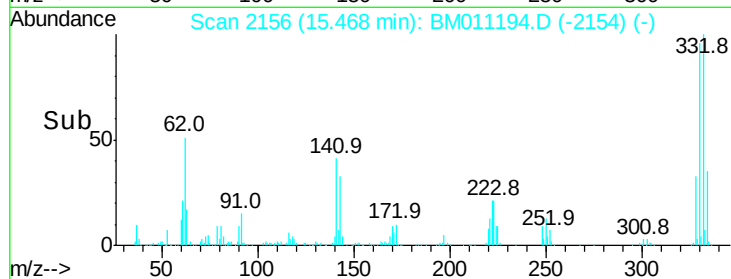
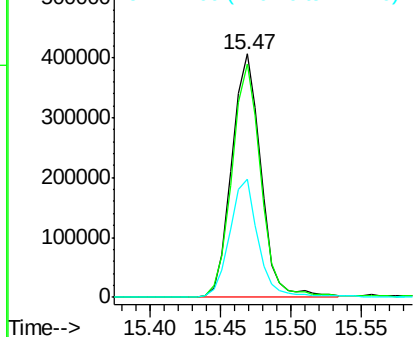
#41
 2,4,6-Tribromophenol
 Concen: 160.081 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011194.D
 Acq: 10 Aug 2017 02:59

Instrument :
 BNA_M
 ClientSampled :
 WC-1

Tot Ion:330 Resp: 586286
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 47.1 0.0 0.0#

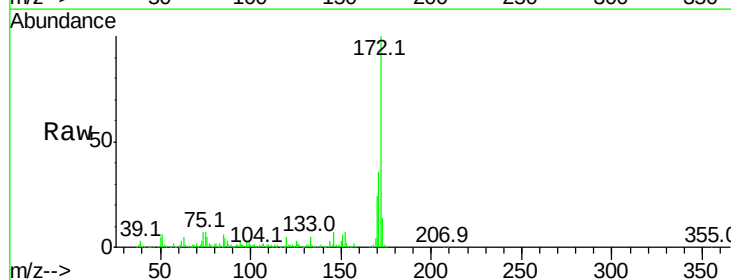


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

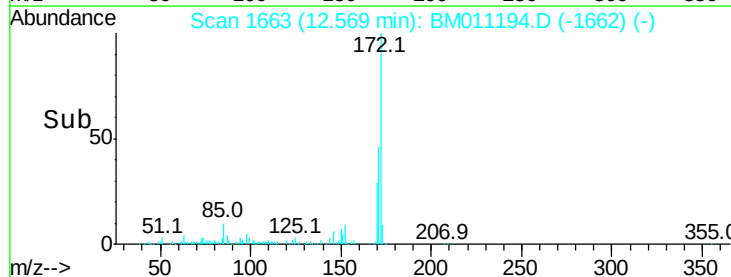
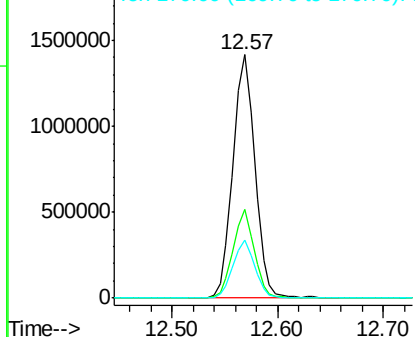


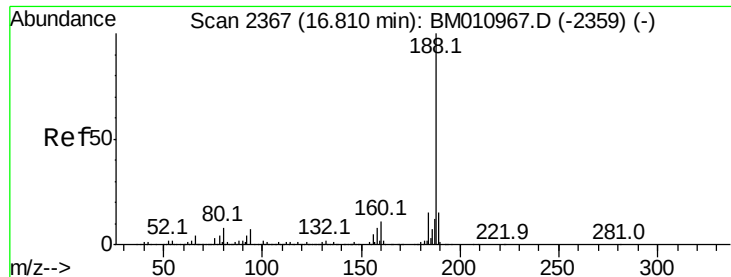
#44
 2-Fluorobiphenyl
 Concen: 112.310 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.09 min
 Lab File: BM011194.D
 Acq: 10 Aug 2017 02:59

Tgt Ion:172 Resp: 2046291
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 23.7 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

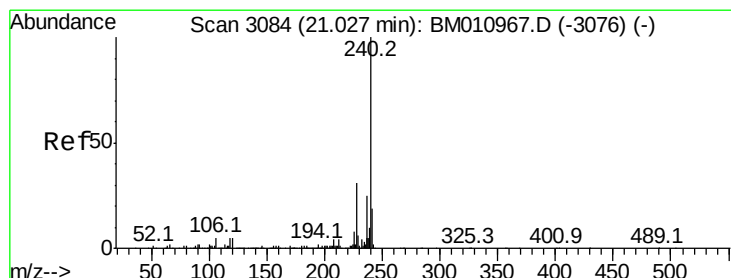
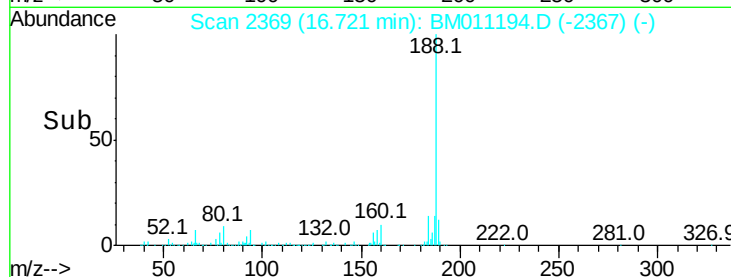
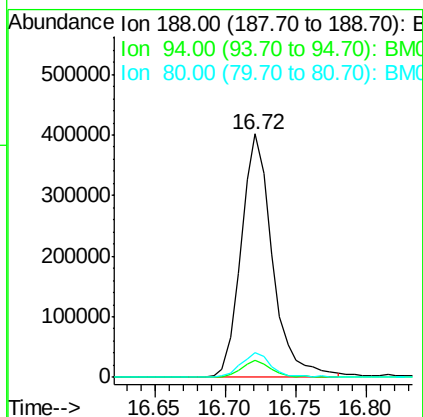
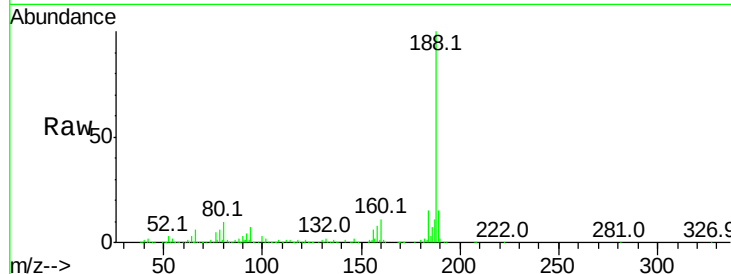




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011194.D
Acq: 10 Aug 2017 02:59

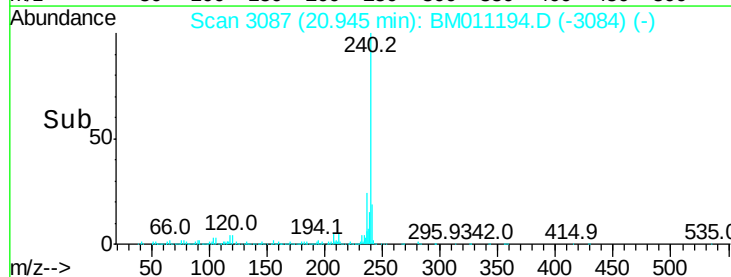
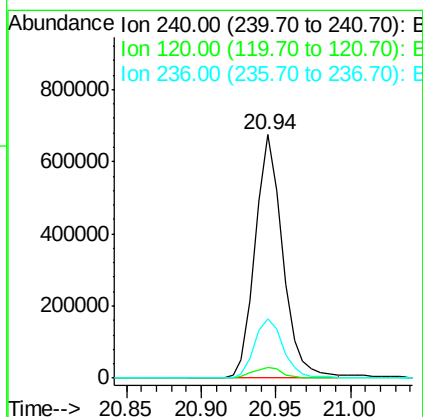
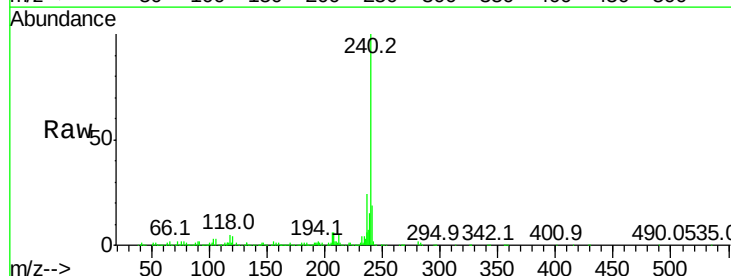
Instrument :
BNA_M
ClientSampleId :
WC-1

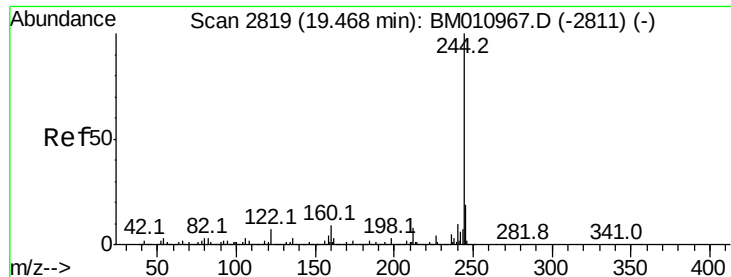
Tot Ion:188 Resp: 623962
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 10.1 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011194.D
Acq: 10 Aug 2017 02:59

Tgt Ion:240 Resp: 860922
Ion Ratio Lower Upper
240 100
120 4.5 8.2 12.2#
236 24.4 20.0 30.0





#78

Terphenyl-d14

Concen: 90.637 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011194.D

Acq: 10 Aug 2017 02:59

Instrument :

BNA_M

ClientSampled :

WC-1

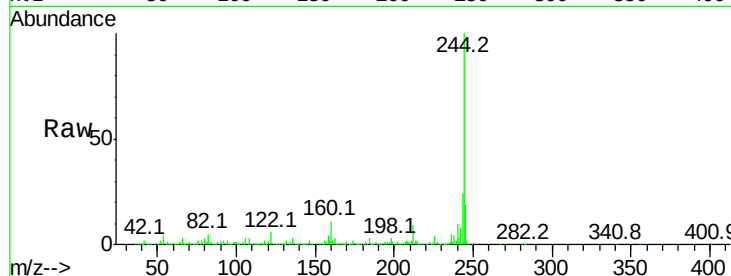
Tot Ion:244 Resp: 3939236

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

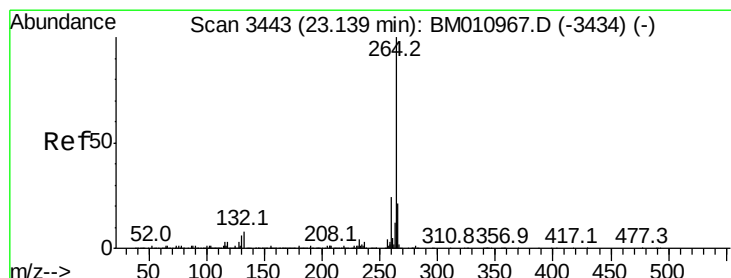
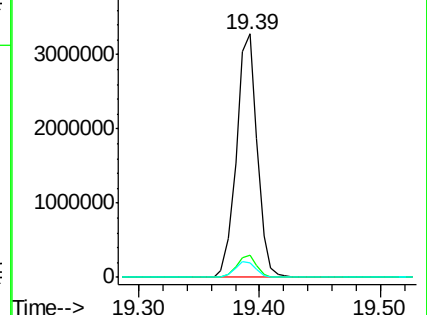
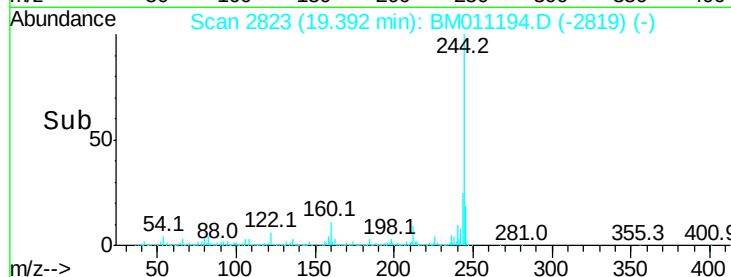
122 5.9 6.2 9.4#



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: 20.000 ng

RT: 23.02 min Scan# 3440

Delta R.T. -0.12 min

Lab File: BM011194.D

Acq: 10 Aug 2017 02:59

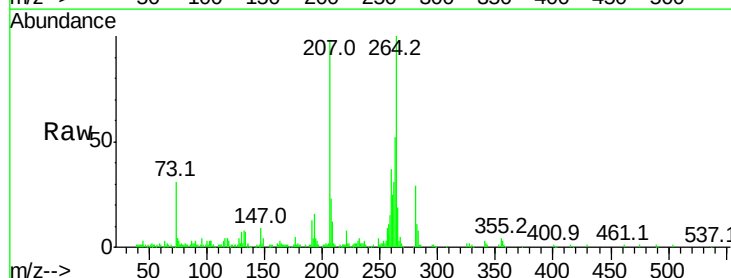
Tgt Ion:264 Resp: 188262

Ion Ratio Lower Upper

264 100

260 36.5 18.6 27.8#

265 18.8 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

