

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011175.D
 Acq On : 09 Aug 2017 15:31
 Operator : SJ/JU
 Sample : PB101372BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101372BL

Quant Time: Aug 09 18:24:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 18:20:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	160899	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	566368	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	345166	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	813829	20.00	ng	0.00
75) Chrysene-d12	20.94	240	1068200	20.00	ng	0.00
86) Perylene-d12	23.02	264	1041664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1412271	148.38	ng	0.00
7) Phenol-d6	6.50	99	1883248	139.26	ng	0.00
23) Nitrobenzene-d5	8.45	82	1585691	105.08	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	728877	131.75	ng	0.00
44) 2-Fluorobiphenyl	12.57	172	2718945	98.79	ng	0.00
78) Terphenyl-d14	19.39	244	4090388	75.85	ng	0.00

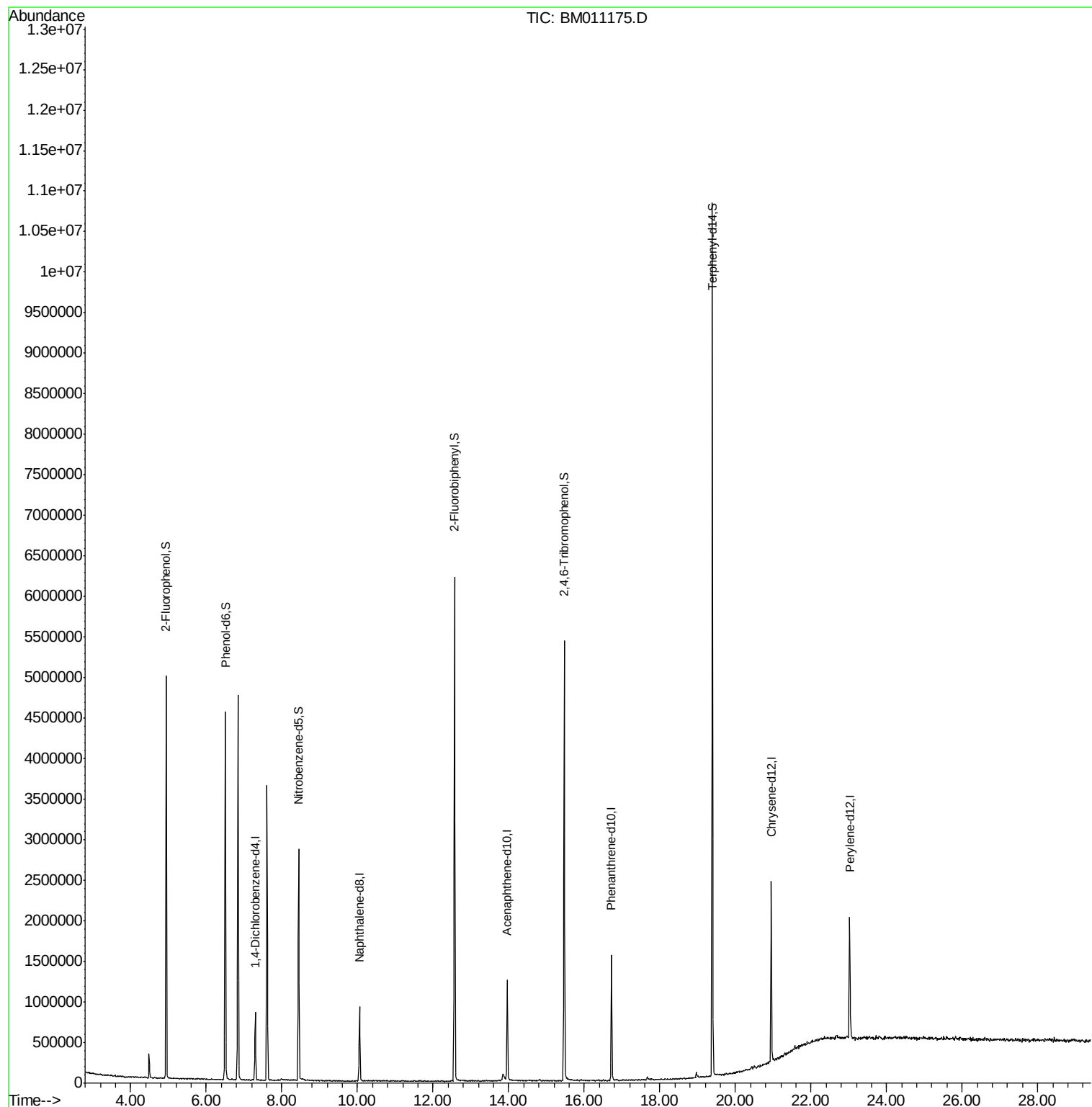
Target Compounds Qvalue

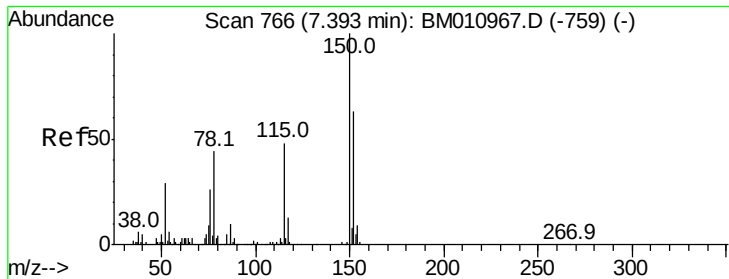
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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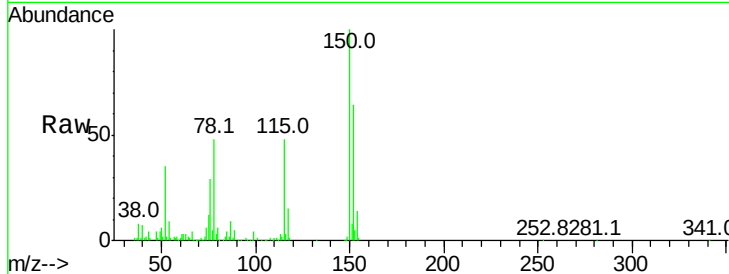


#1

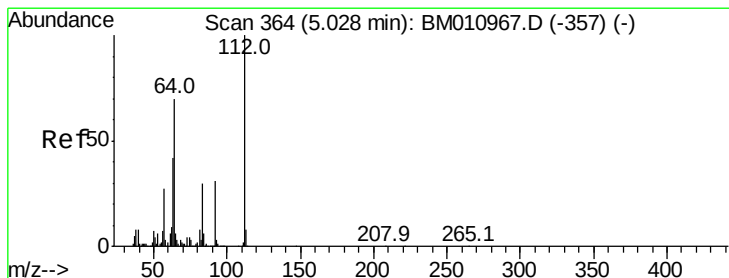
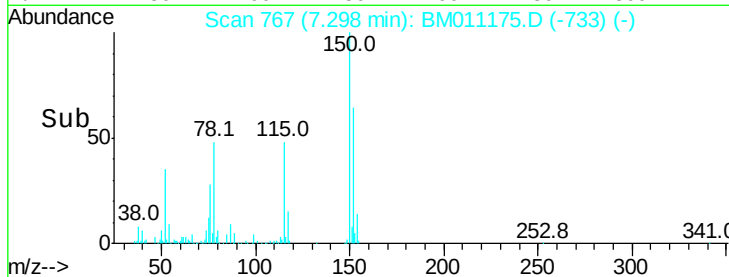
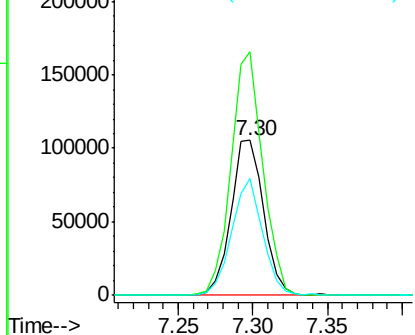
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.30 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BM011175.D
 Acq: 09 Aug 2017 15:31

Instrument :
 BNA_M
 ClientSampleId :
 PB101372BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	119.5	179.3
115	75.2	43.0	64.4



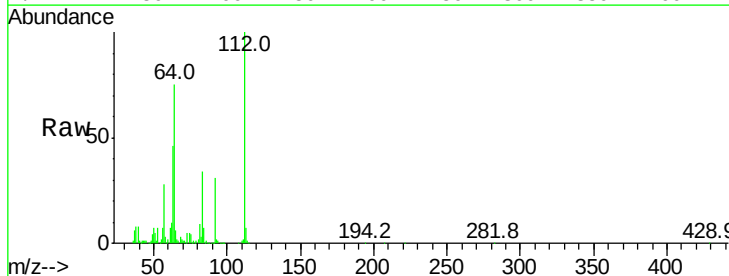
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



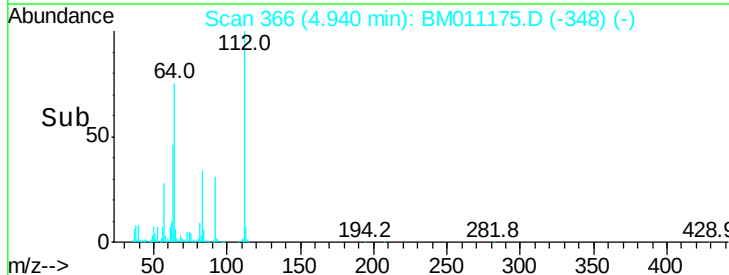
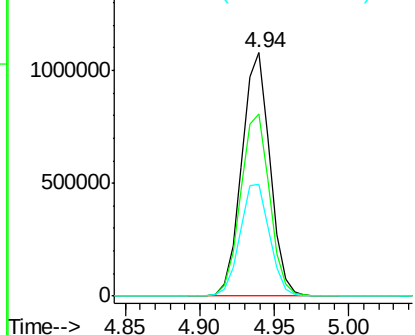
#5

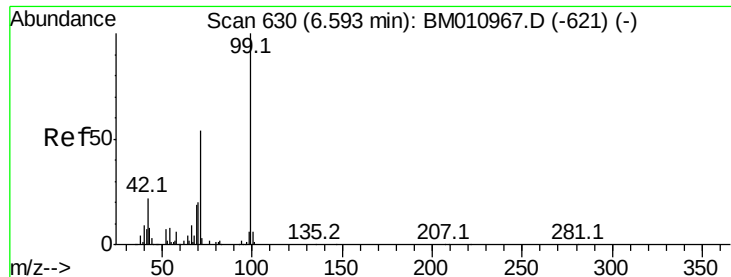
2-Fluorophenol
 Concen: 148.376 ng
 RT: 4.94 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: BM011175.D
 Acq: 09 Aug 2017 15:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.7	38.6	57.8
63	45.8	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: 139.257 ng

RT: 6.50 min Scan# 632

Delta R.T. 0.01 min

Lab File: BM011175.D

Acq: 09 Aug 2017 15:31

Instrument :

BNA_M

ClientSampleId :

PB101372BL

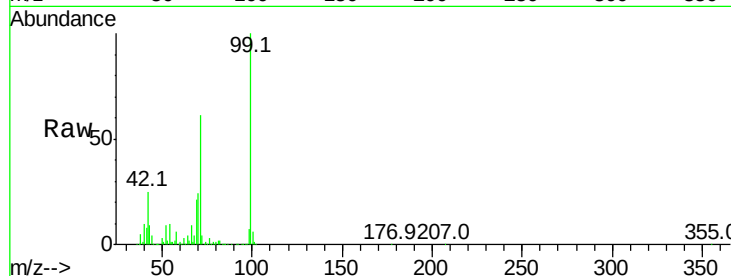
Tot Ion: 99 Resp: 1883248

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

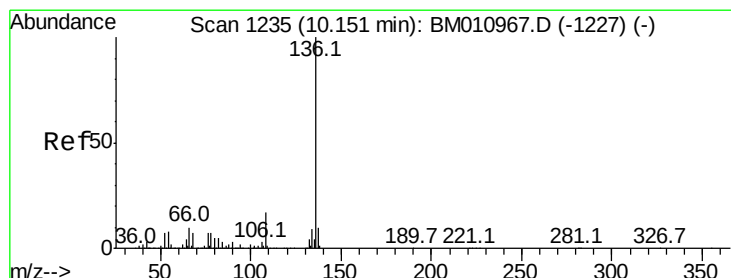
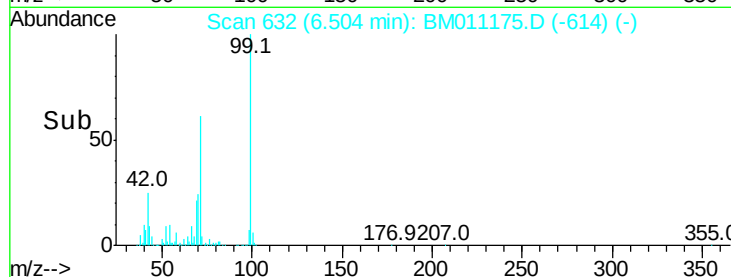
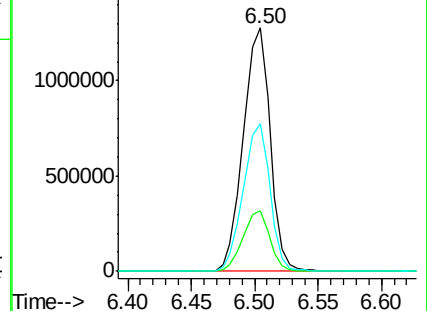
71 60.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BM011175.D

Acq: 09 Aug 2017 15:31

Tgt Ion: 136 Resp: 566368

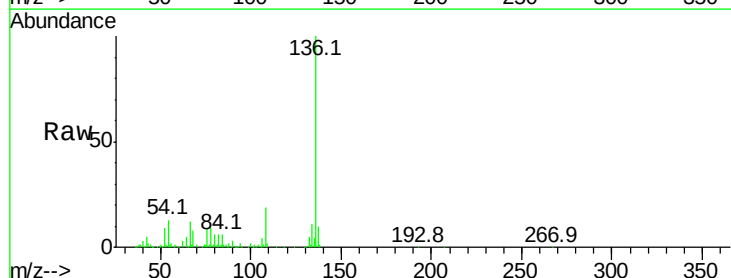
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 13.0 4.6 6.8#

68 8.3 3.7 5.5#

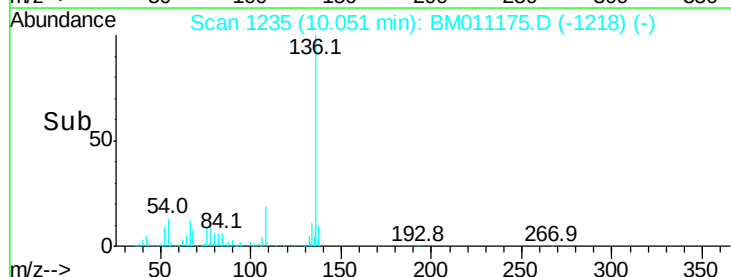
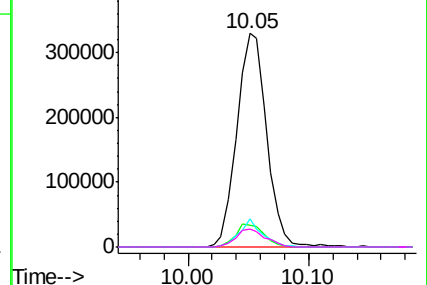


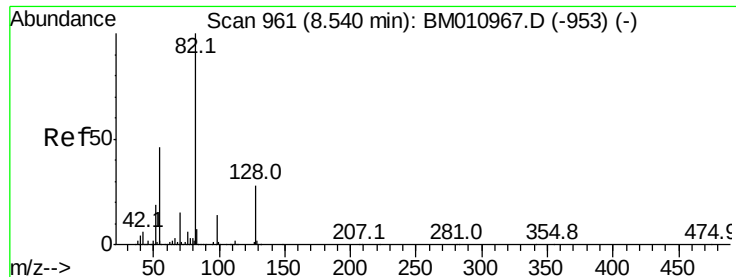
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM010967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM010967.D (-1227) (-)





#23

Nitrobenzene-d5

Concen: 105.079 ng

RT: 8.45 min Scan# 962

Delta R.T. -0.00 min

Lab File: BM011175.D

Acq: 09 Aug 2017 15:31

Instrument :

BNA_M

ClientSampled :

PB101372BL

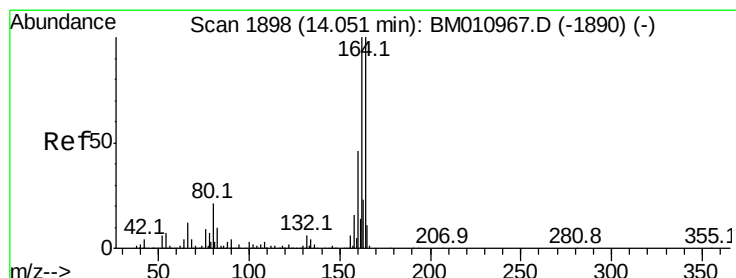
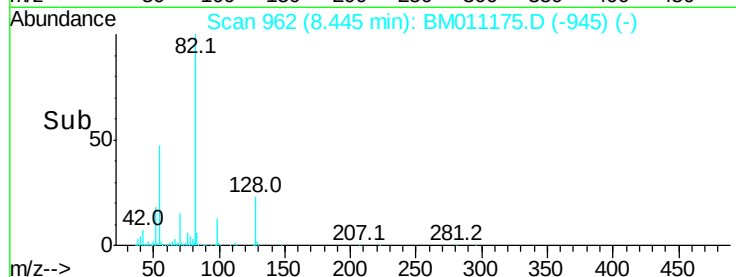
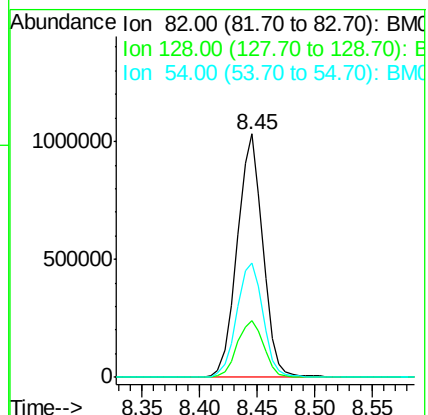
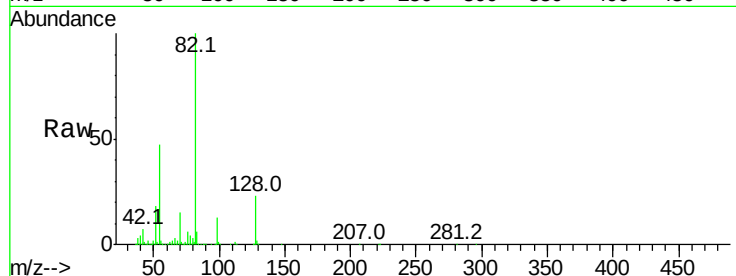
Tot Ion: 82 Resp: 1585691

Ion Ratio Lower Upper

82 100

128 23.4 32.8 49.2#

54 47.2 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: BM011175.D

Acq: 09 Aug 2017 15:31

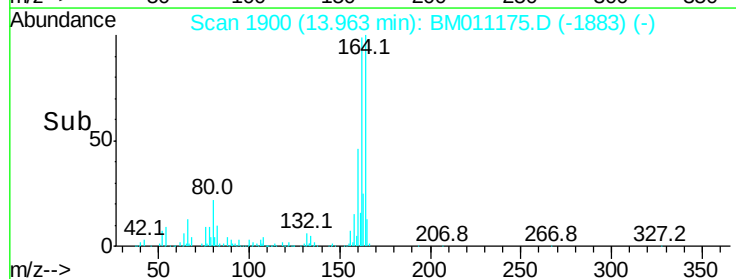
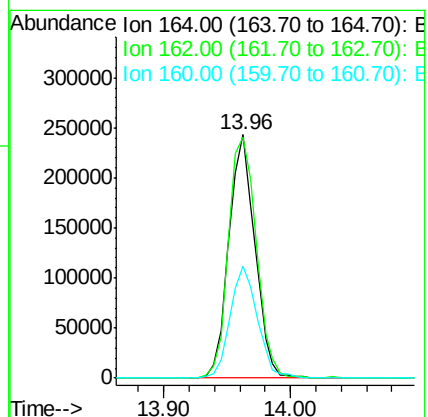
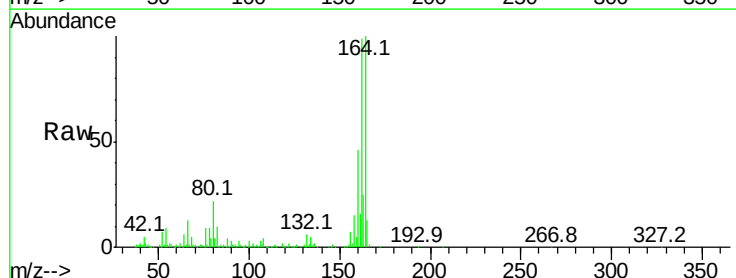
Tgt Ion:164 Resp: 345166

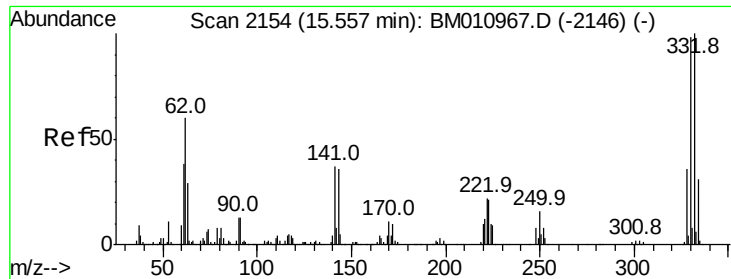
Ion Ratio Lower Upper

164 100

162 99.0 82.4 123.6

160 45.8 35.8 53.6

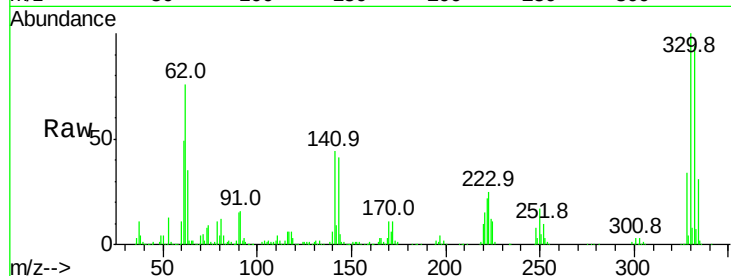




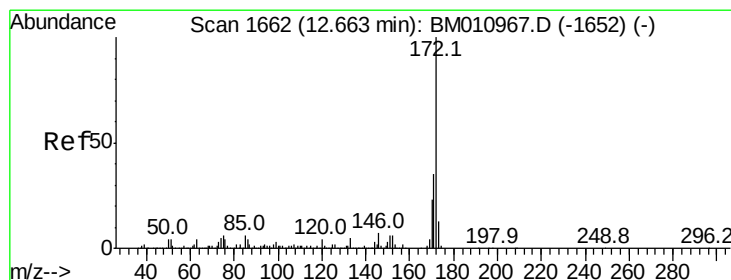
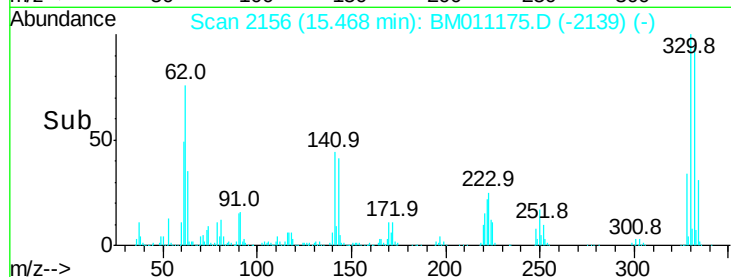
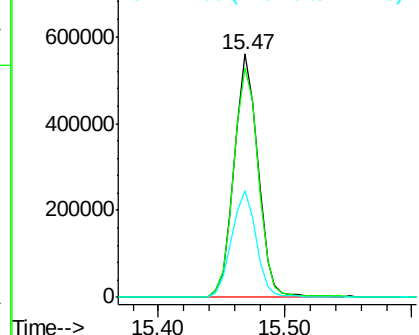
#41
 2,4,6-Tribromophenol
 Concen: 131.750 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BM011175.D
 Acq: 09 Aug 2017 15:31

Instrument :
 BNA_M
 ClientSampleId :
 PB101372BL

Tot Ion:330 Resp: 728877
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 45.3 0.0 0.0#

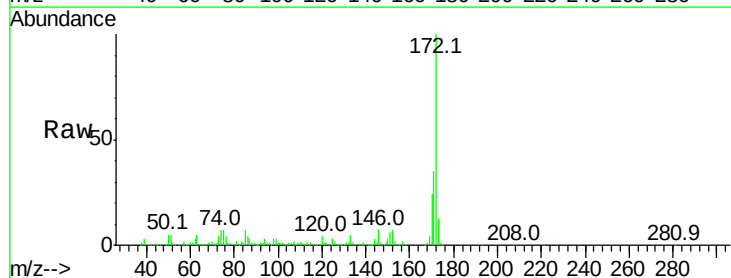


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

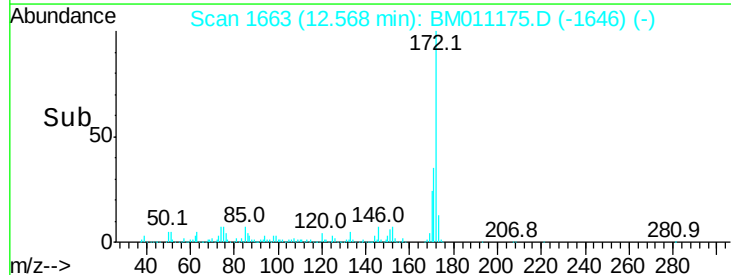
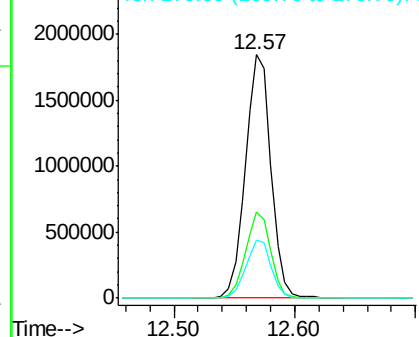


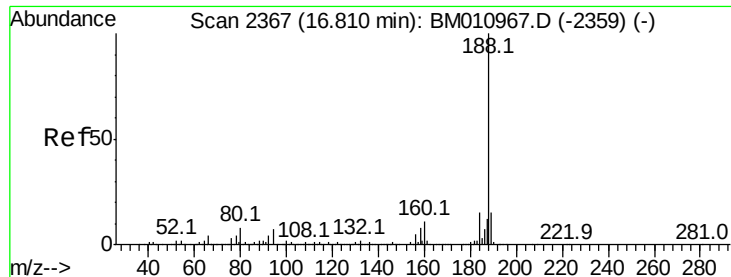
#44
 2-Fluorobiphenyl
 Concen: 98.791 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BM011175.D
 Acq: 09 Aug 2017 15:31

Tgt Ion:172 Resp: 2718945
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.6 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

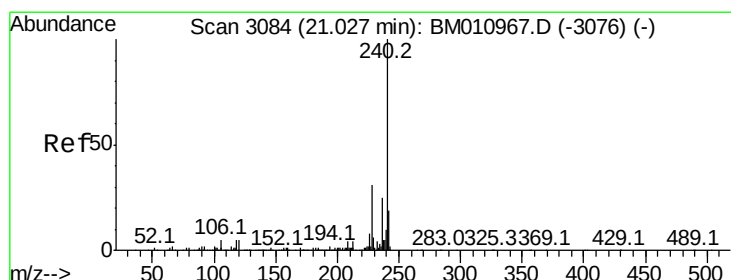
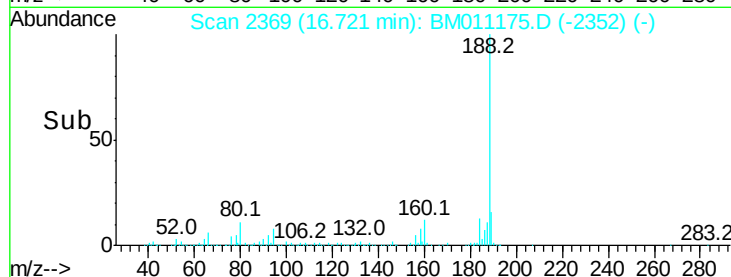
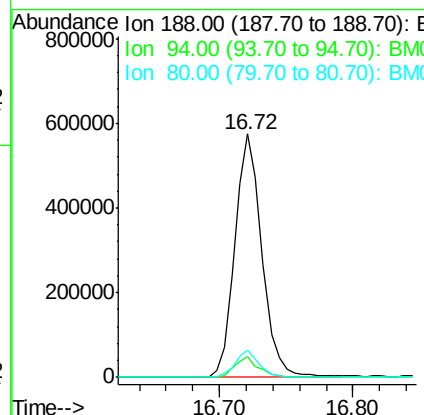
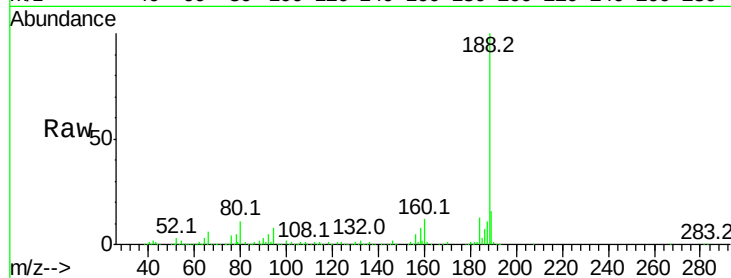




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BM011175.D
Acq: 09 Aug 2017 15:31

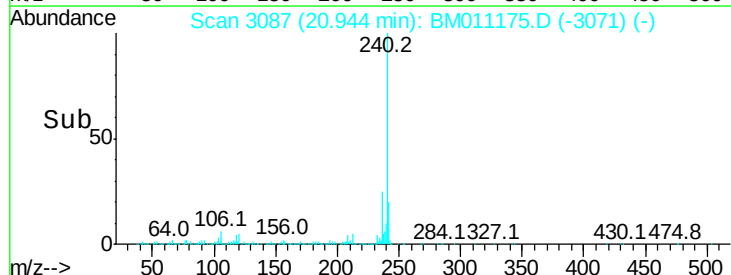
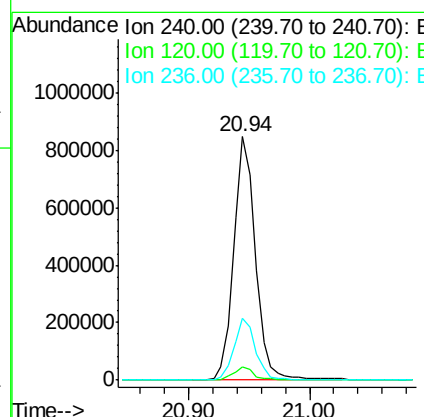
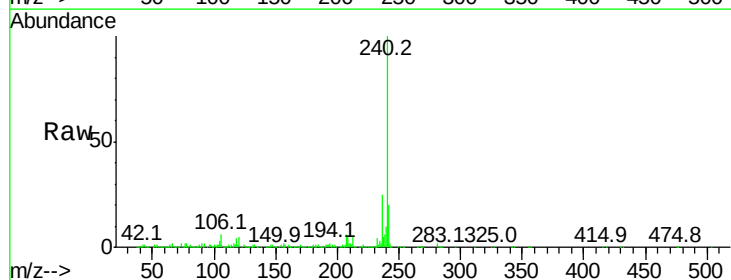
Instrument :
BNA_M
ClientSampleId :
PB101372BL

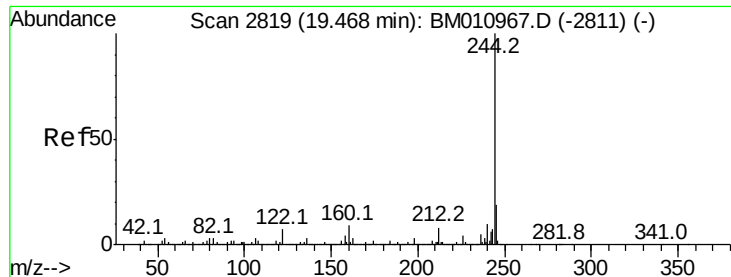
Tot Ion:188 Resp: 813829
Ion Ratio Lower Upper
188 100
94 8.3 8.7 13.1#
80 11.1 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM011175.D
Acq: 09 Aug 2017 15:31

Tgt Ion:240 Resp: 1068200
Ion Ratio Lower Upper
240 100
120 5.3 8.2 12.2#
236 25.2 20.0 30.0



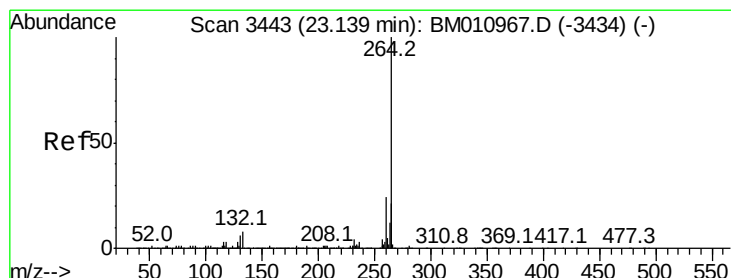
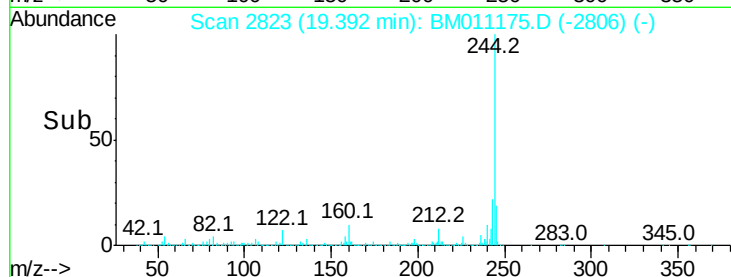
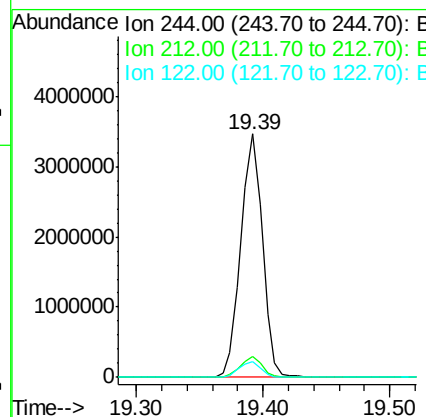
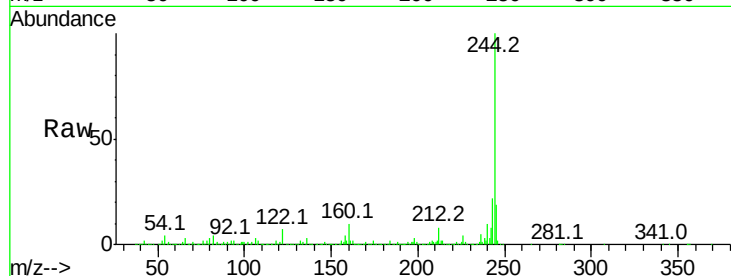


#78
 Terphenyl-d14
 Concen: 75.852 ng
 RT: 19.39 min Scan# 2823
 Delta R.T. -0.00 min
 Lab File: BM011175.D
 Acq: 09 Aug 2017 15:31

Instrument :
 BNA_M
 ClientSampleId :
 PB101372BL

Tot Ion:244 Resp: 4090388

Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	6.5	6.2	9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. -0.01 min
 Lab File: BM011175.D
 Acq: 09 Aug 2017 15:31

Tgt Ion:264 Resp: 1041664

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	22.4	17.3	25.9

