

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011195.D
 Acq On : 10 Aug 2017 08:05
 Operator : SJ/JU
 Sample : I4655-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP7DEL-WC1

Quant Time: Aug 10 11:50:46 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	161801	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	571250	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	370538	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	954817	20.00	ng	0.00
75) Chrysene-d12	20.94	240	1309848	20.00	ng	0.00
86) Perylene-d12	23.03	264	1291697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1329401	138.89	ng	0.00
7) Phenol-d6	6.50	99	1717953	126.33	ng	0.00
23) Nitrobenzene-d5	8.45	82	1759847	115.62	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	914524	153.99	ng	0.00
44) 2-Fluorobiphenyl	12.57	172	3081472	104.30	ng	0.00
78) Terphenyl-d14	19.39	244	5291832	80.03	ng	0.00

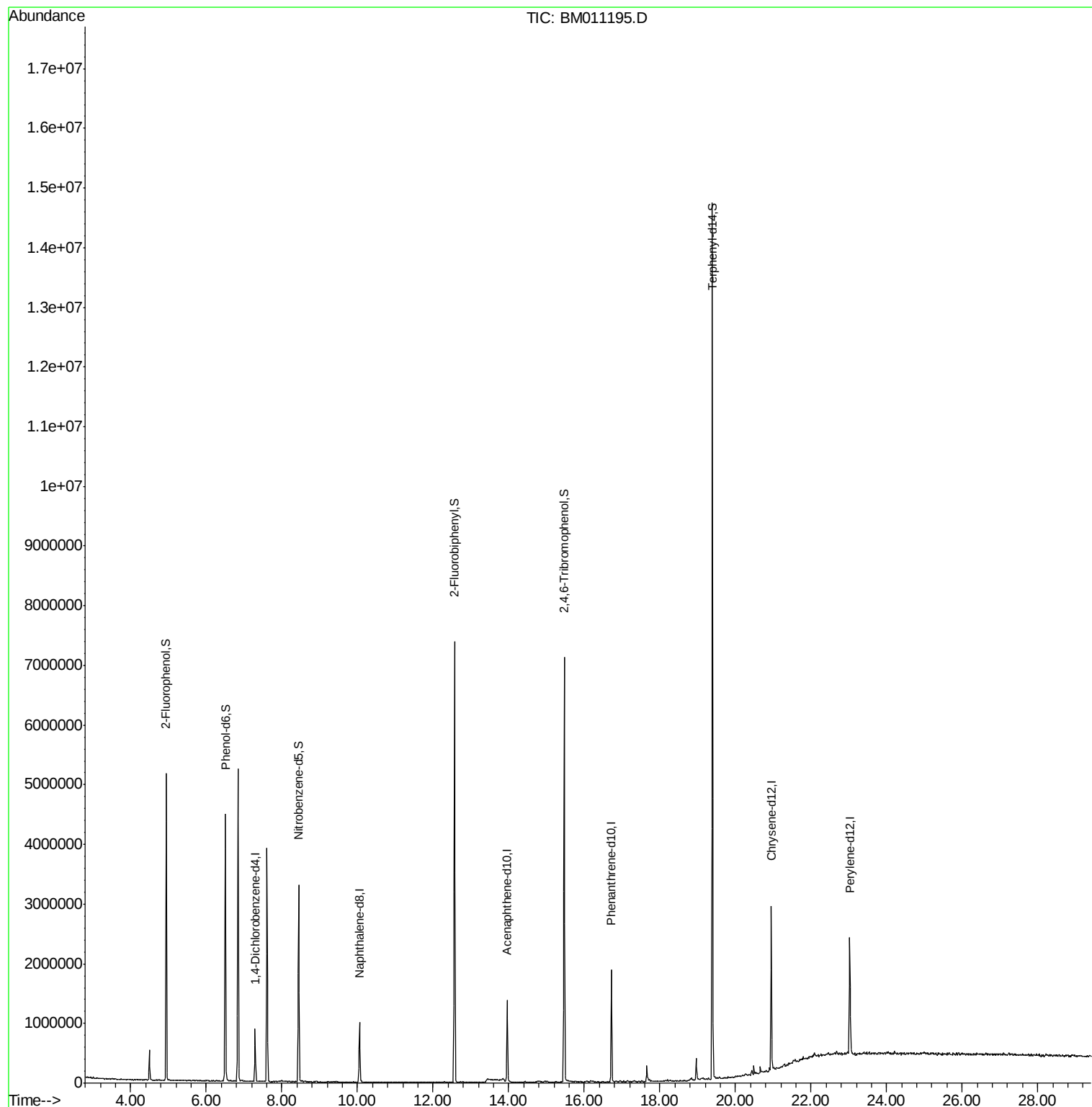
Target Compounds Qvalue

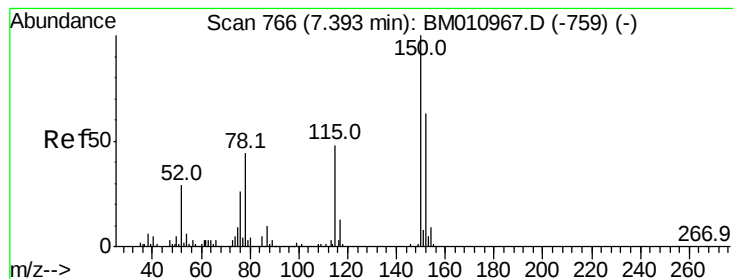
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Acq: 10 Aug 2017 08:05

Instrument :

BNA_M

ClientSampleId :

TP7DEL-WC1

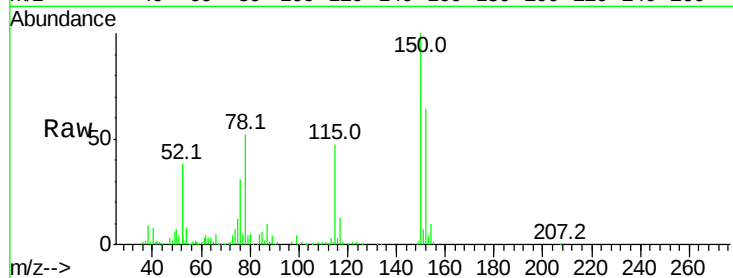
Tot Ion:152 Resp: 161801

Ion Ratio Lower Upper

152 100

150 155.9 119.5 179.3

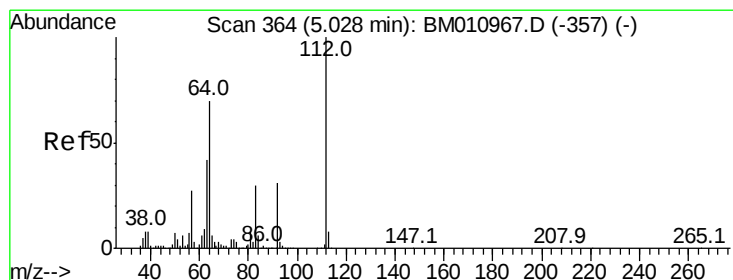
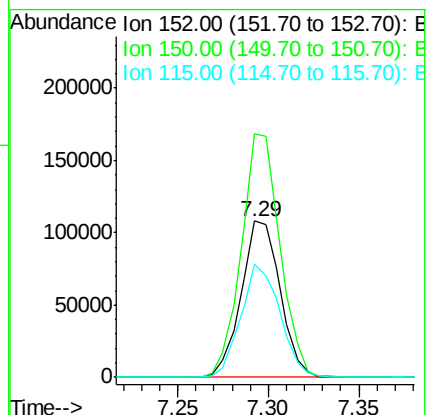
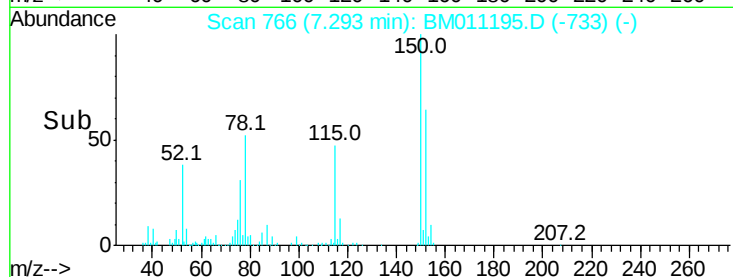
115 72.5 43.0 64.4#



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: 138.891 ng

RT: 4.94 min Scan# 366

Delta R.T. 0.01 min

Lab File: BM011195.D

Acq: 10 Aug 2017 08:05

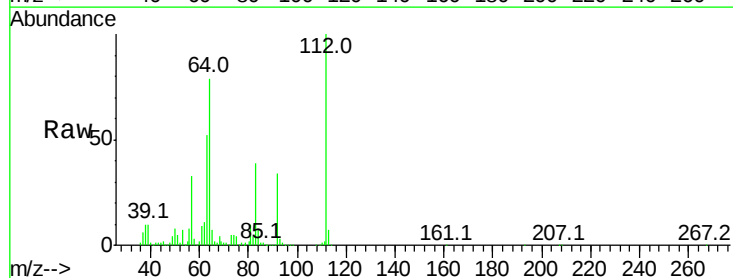
Tgt Ion:112 Resp: 1329401

Ion Ratio Lower Upper

112 100

64 79.5 38.6 57.8#

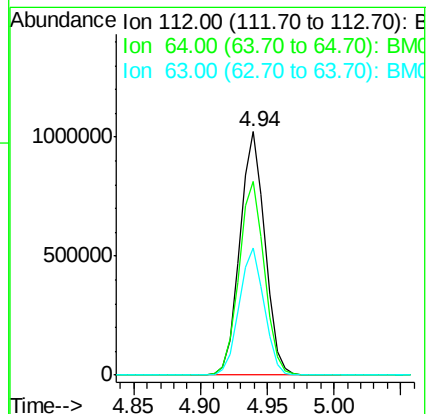
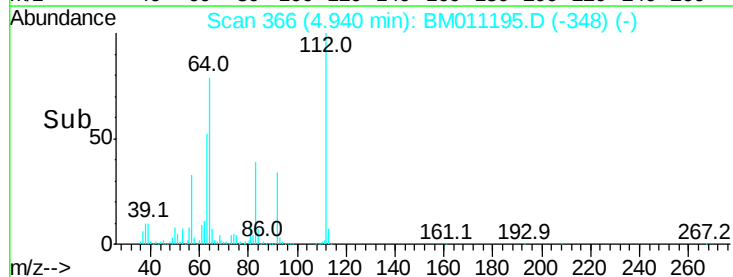
63 52.0 19.3 28.9#



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: 126.326 ng

RT: 6.50 min Scan# 632

Delta R.T. 0.01 min

Lab File: BM011195.D

Acq: 10 Aug 2017 08:05

Instrument :

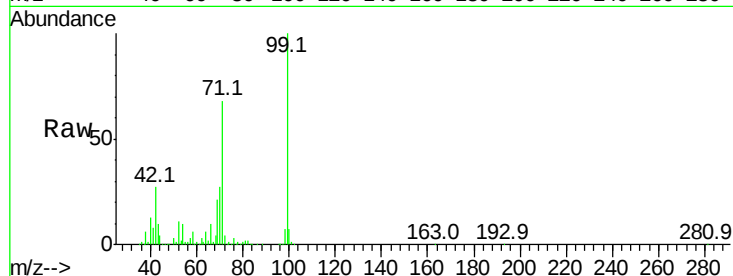
BNA_M

ClientSampleId :

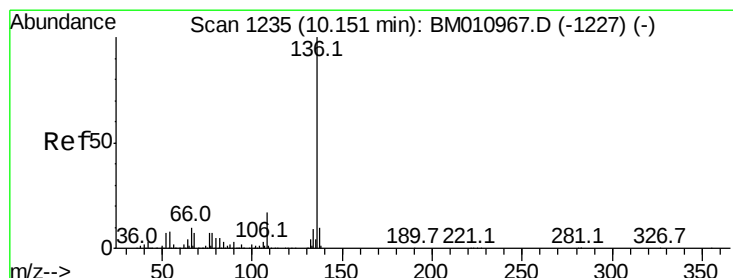
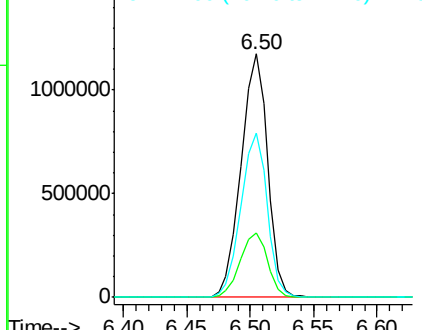
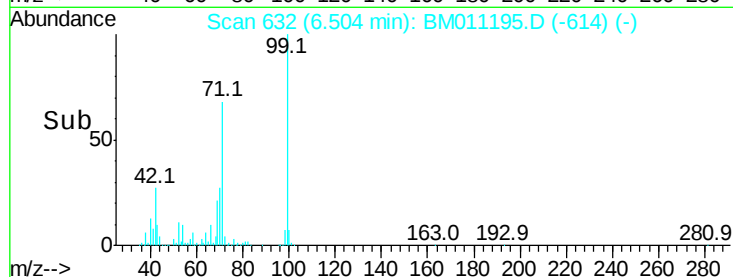
TP7DEL-WC1

Tot Ion: 99 Resp: 1717953

Ion	Ratio	Lower	Upper
99	100		
42	26.6	11.0	16.4#
71	67.6	23.4	35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011195.D (-614) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

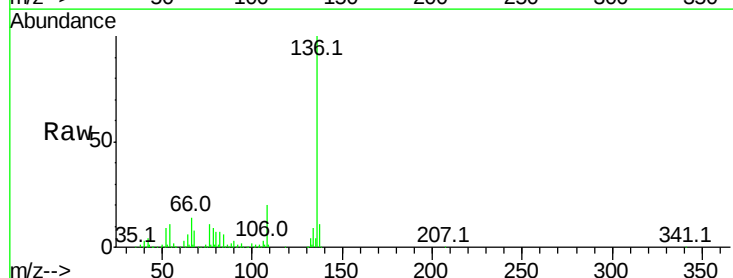
Delta R.T. 0.00 min

Lab File: BM011195.D

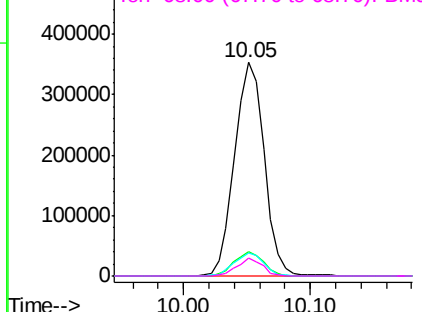
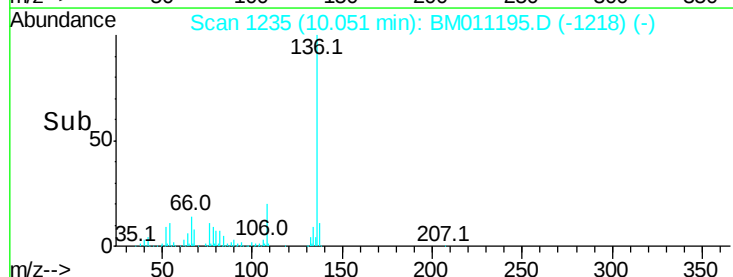
Acq: 10 Aug 2017 08:05

Tgt Ion: 136 Resp: 571250

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.6	4.6	6.8#
68	8.3	3.7	5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011195.D (-1218) (-)





#23

Nitrobenzene-d5

Concen: 115.623 ng

RT: 8.45 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM011195.D

Acq: 10 Aug 2017 08:05

Instrument :

BNA_M

ClientSampleId :

TP7DEL-WC1

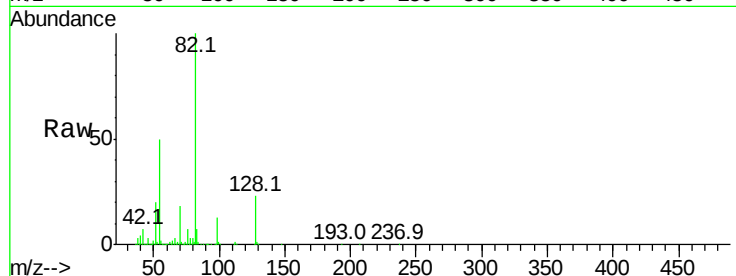
Tot Ion: 82 Resp: 1759847

Ion Ratio Lower Upper

82 100

128 23.2 32.8 49.2#

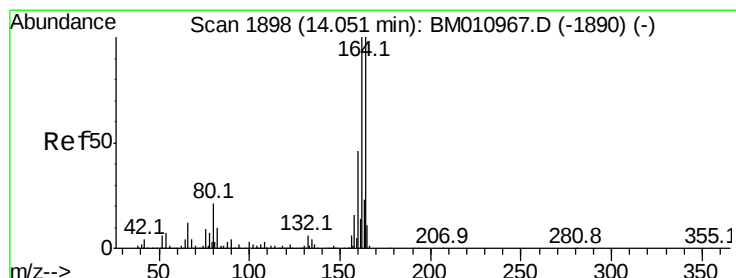
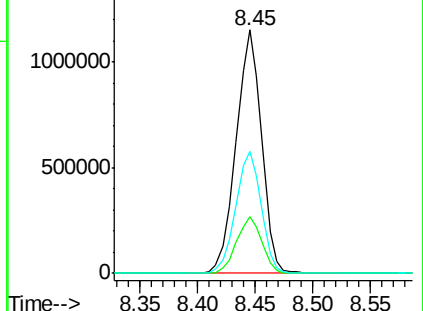
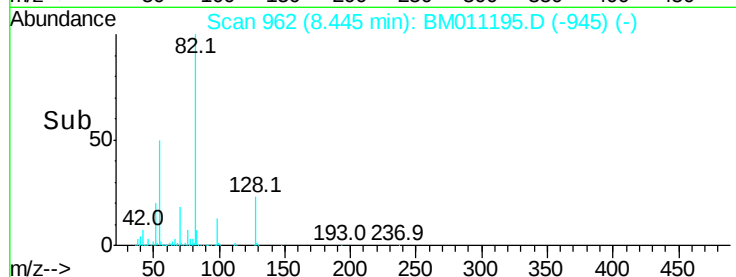
54 50.1 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011195.D (-945) (-)

Ion 128.00 (127.70 to 128.70): BM011195.D (-945) (-)

Ion 54.00 (53.70 to 54.70): BM011195.D (-945) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BM011195.D

Acq: 10 Aug 2017 08:05

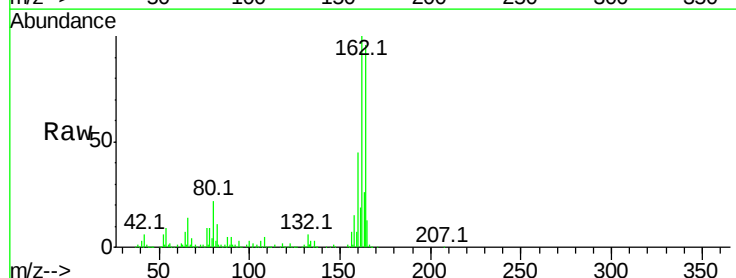
Tgt Ion:164 Resp: 370538

Ion Ratio Lower Upper

164 100

162 104.5 82.4 123.6

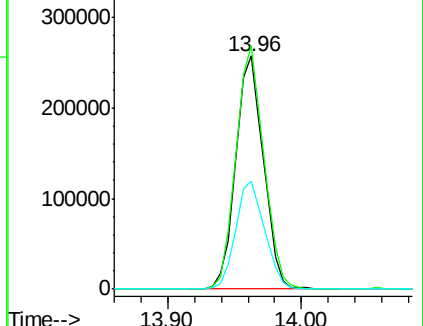
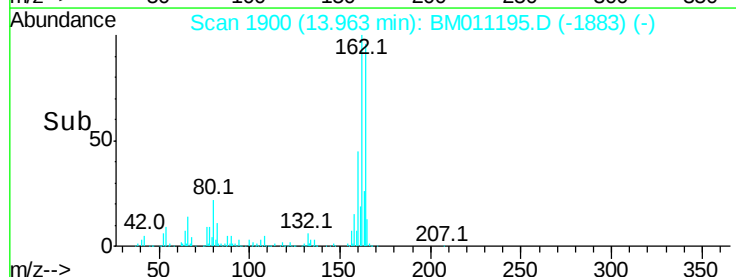
160 46.6 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM011195.D (-1883) (-)

Ion 162.00 (161.70 to 162.70): BM011195.D (-1883) (-)

Ion 160.00 (159.70 to 160.70): BM011195.D (-1883) (-)

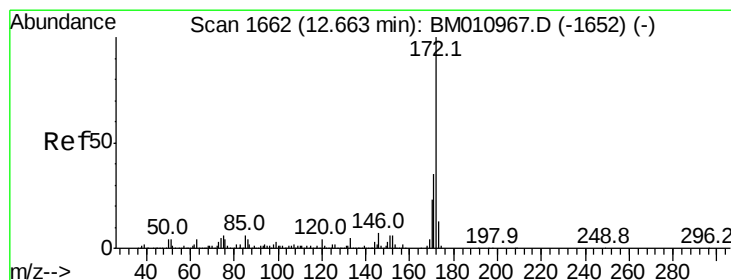
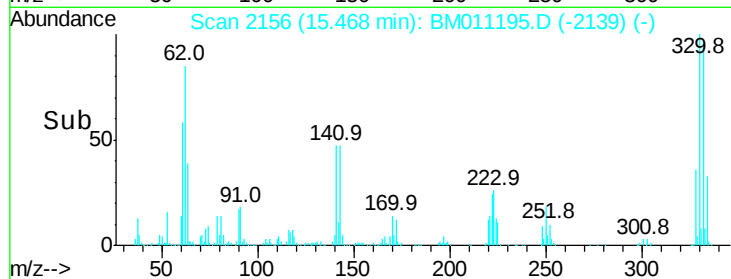
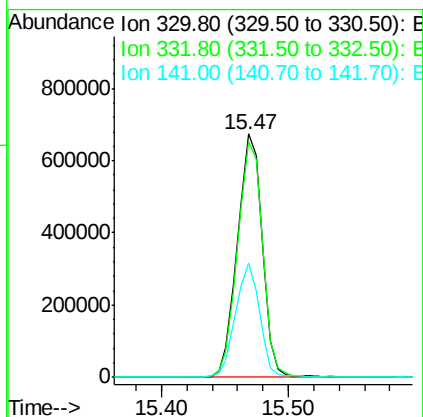
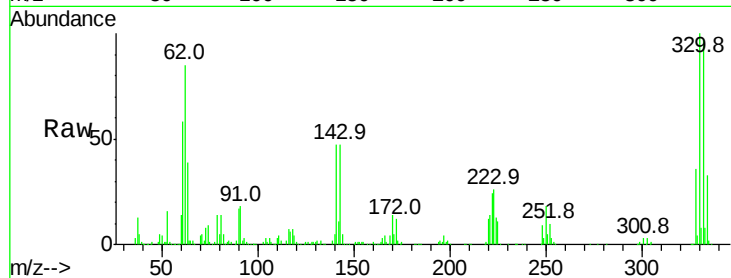




#41
 2,4,6-Tribromophenol
 Concen: 153.988 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BM011195.D
 Acq: 10 Aug 2017 08:05

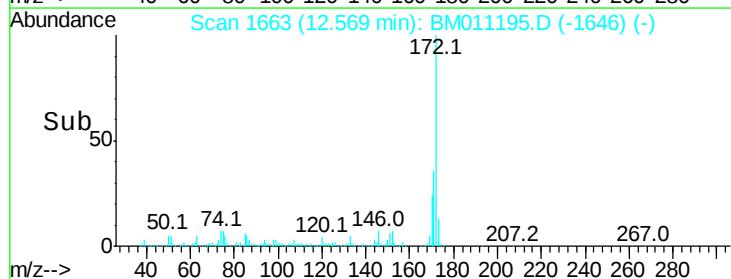
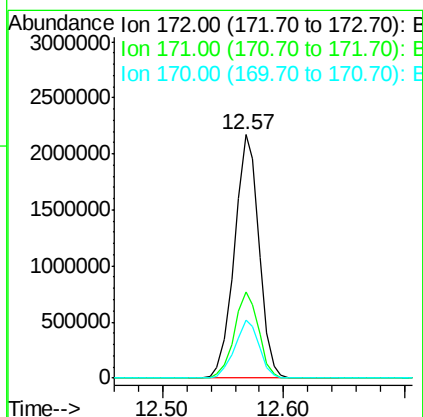
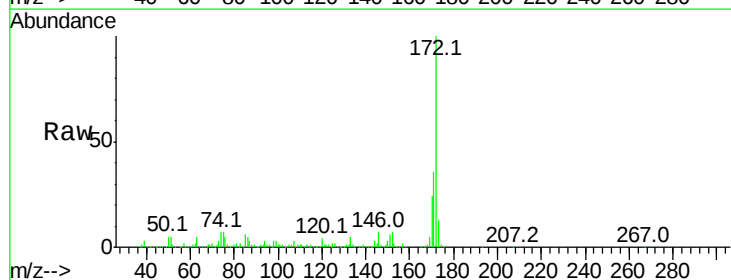
Instrument :
 BNA_M
 ClientSampleId :
 TP7DEL-WC1

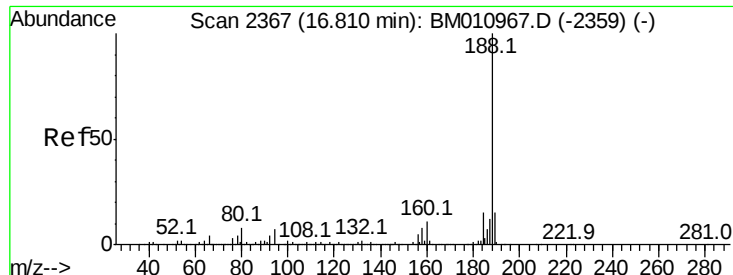
Tot Ion:330 Resp: 914524
 Ion Ratio Lower Upper
 330 100
 332 98.0 0.0 0.0#
 141 45.5 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 104.297 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM011195.D
 Acq: 10 Aug 2017 08:05

Tgt Ion:172 Resp: 3081472
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.9 18.8 28.2

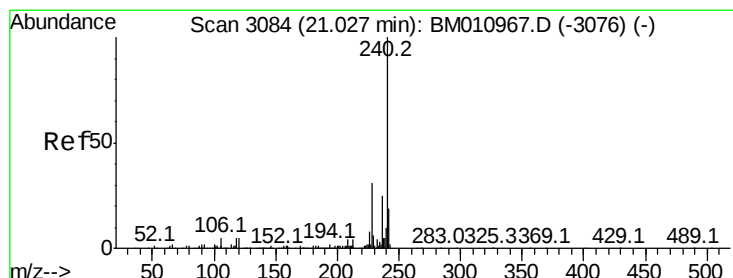
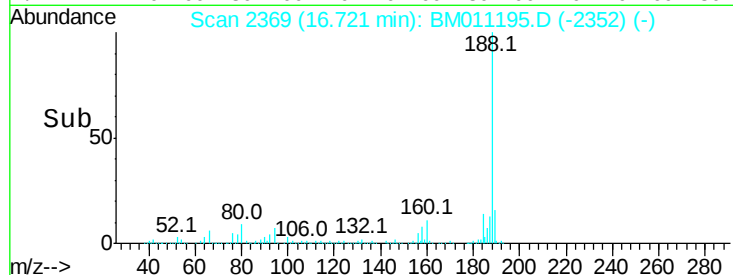
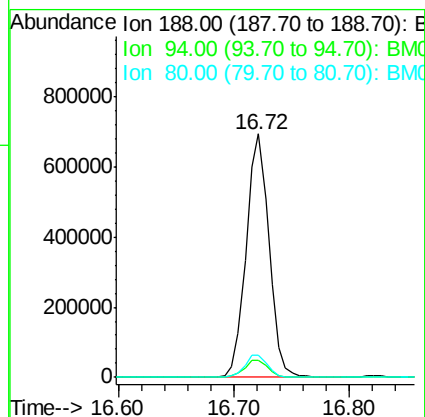
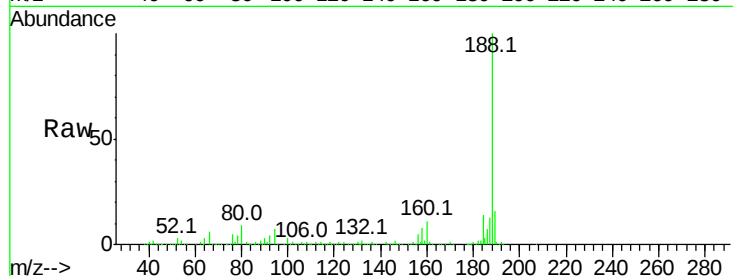




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BM011195.D
Acq: 10 Aug 2017 08:05

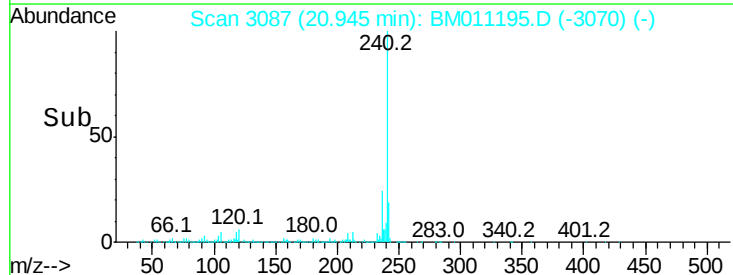
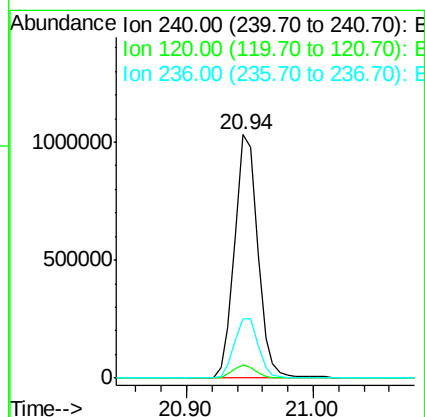
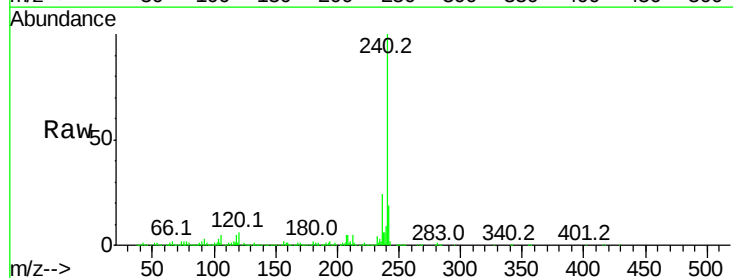
Instrument :
BNA_M
ClientSampleId :
TP7DEL-WC1

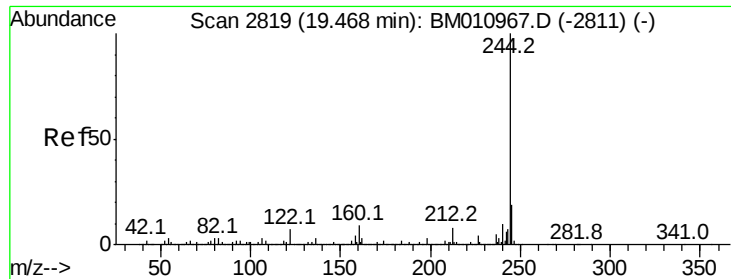
Tot Ion:188 Resp: 954817
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 9.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM011195.D
Acq: 10 Aug 2017 08:05

Tgt Ion:240 Resp: 1309848
Ion Ratio Lower Upper
240 100
120 5.5 8.2 12.2#
236 24.3 20.0 30.0





#78

Terphenyl-d14

Concen: 80.028 ng

RT: 19.39 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM011195.D

Acq: 10 Aug 2017 08:05

Instrument :

BNA_M

ClientSampleId :

TP7DEL-WC1

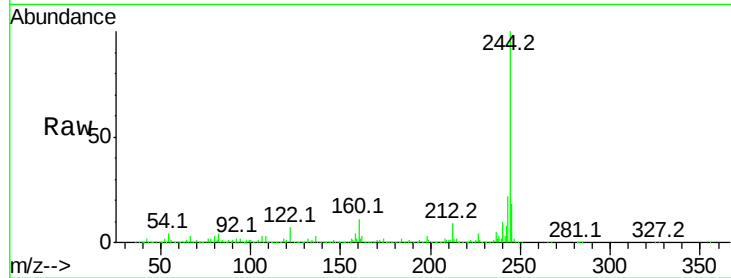
Tot Ion:244 Resp: 5291832

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

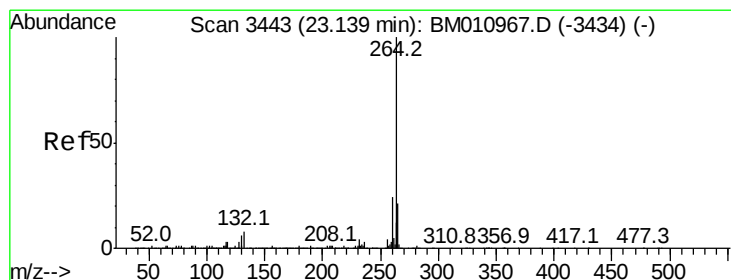
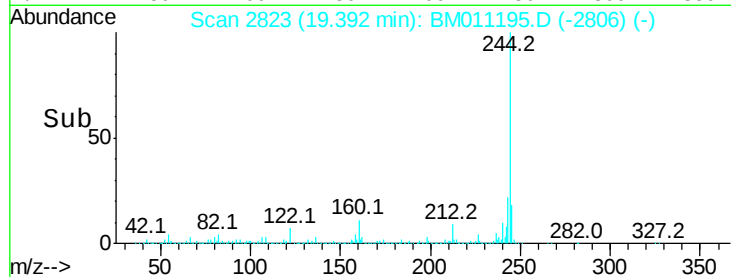
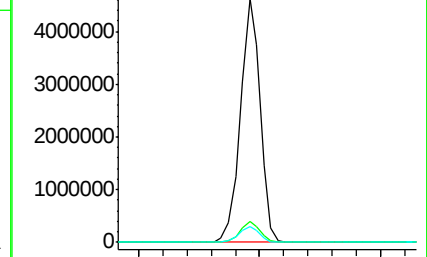
122 6.6 6.2 9.4



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: 23.03 min Scan# 3441

Delta R.T. 0.01 min

Lab File: BM011195.D

Acq: 10 Aug 2017 08:05

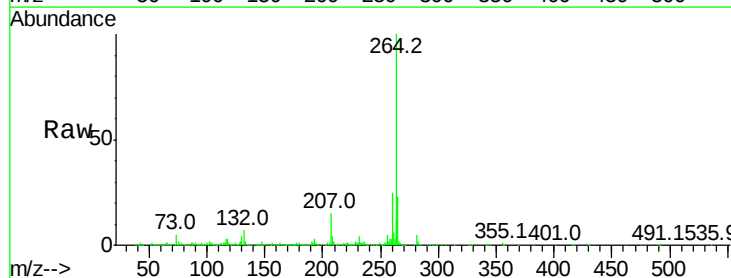
Tgt Ion:264 Resp: 1291697

Ion Ratio Lower Upper

264 100

260 25.2 18.6 27.8

265 23.0 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

