

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011196.D
 Acq On : 10 Aug 2017 08:41
 Operator : SJ/JU
 Sample : I4657-09RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-080717-CRE

Quant Time: Aug 10 11:52:55 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	7.30	152	169094	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	599043	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	210418	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	692179	20.00	ng	0.00
75) Chrysene-d12	20.94	240	233705	20.00	ng	0.00
86) Perylene-d12	23.03	264	9228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1440969	144.05	ng	0.00
7) Phenol-d6	6.50	99	1246634	87.71	ng	0.00
23) Nitrobenzene-d5	8.45	82	1891432	118.50	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	800915	237.48	ng	0.00
44) 2-Fluorobiphenyl	12.57	172	3094917	184.46	ng	0.00
78) Terphenyl-d14	19.39	244	3235558	274.24	ng	0.00

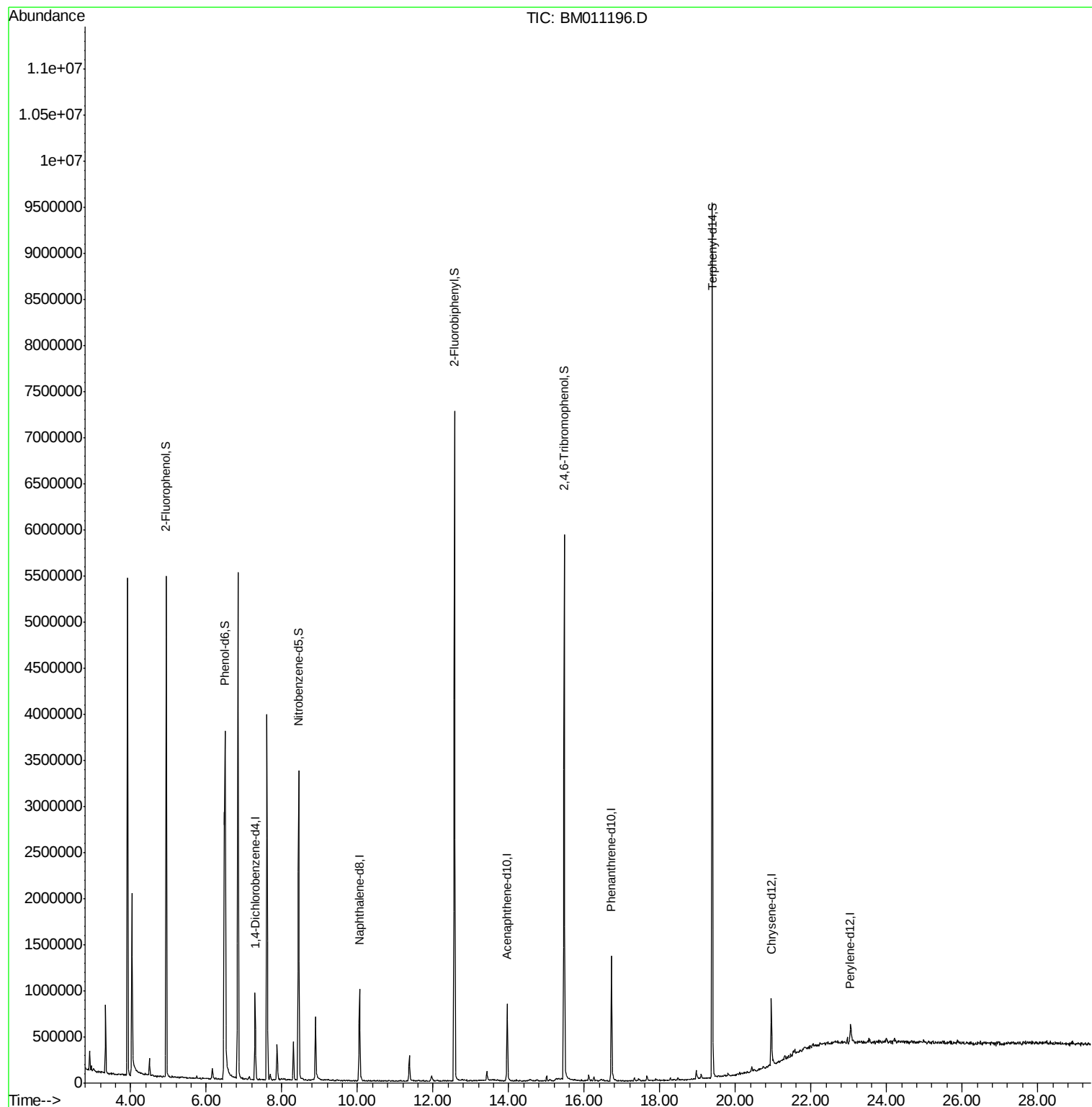
Target Compounds Qvalue

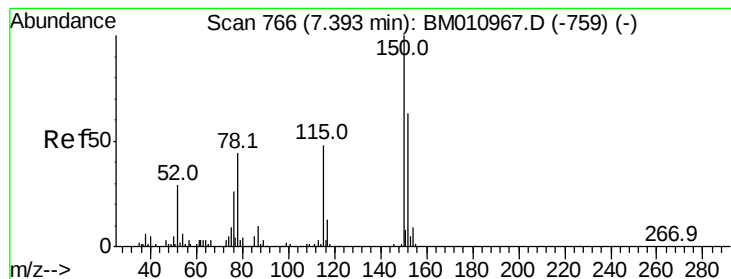
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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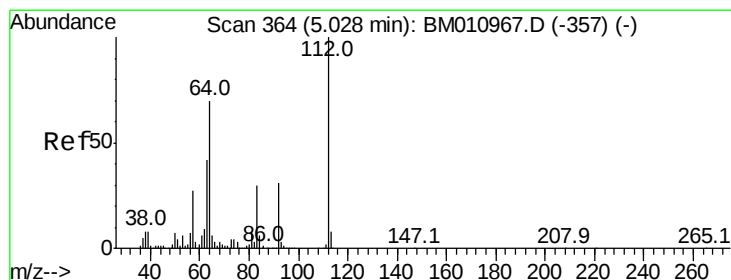
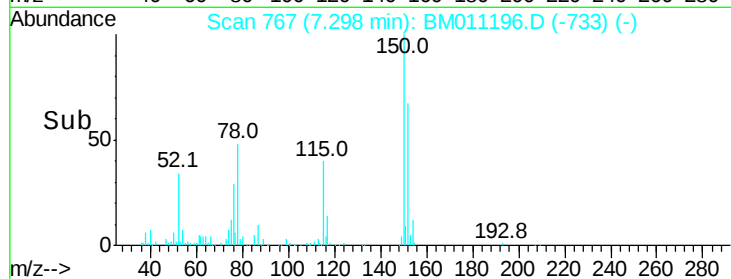
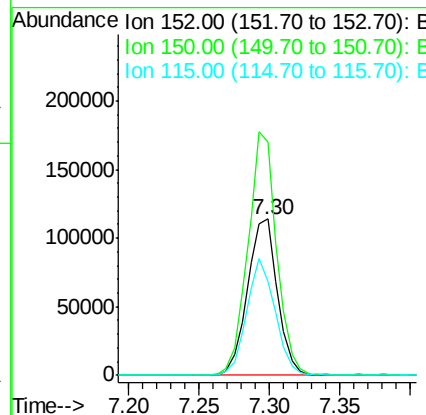
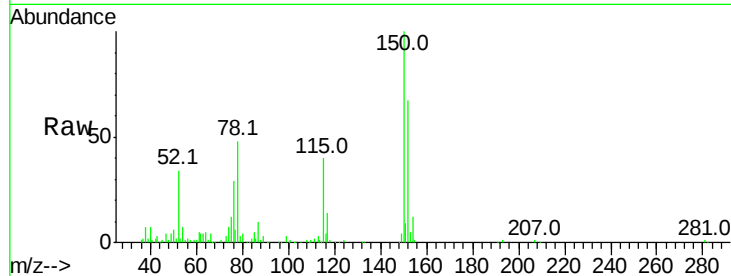


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 767
Delta R.T. 0.00 min
Lab File: BM011196.D
Acq: 10 Aug 2017 08:41

Instrument :
BNA_M
ClientSampleId :
CL-01-080717-CRE

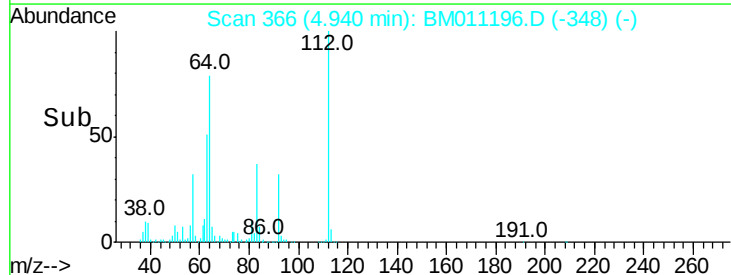
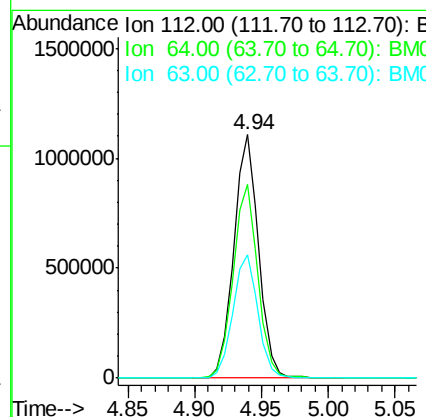
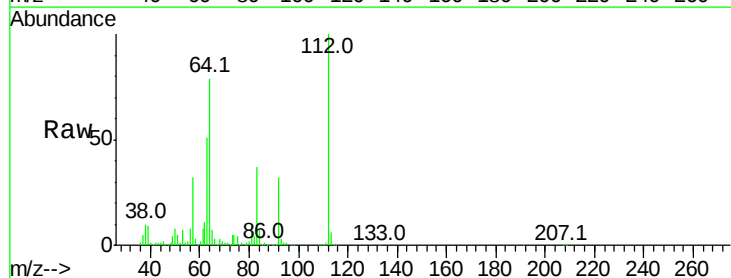
Tot Ion:152 Resp: 169094
Ion Ratio Lower Upper
152 100
150 149.5 119.5 179.3
115 60.1 43.0 64.4

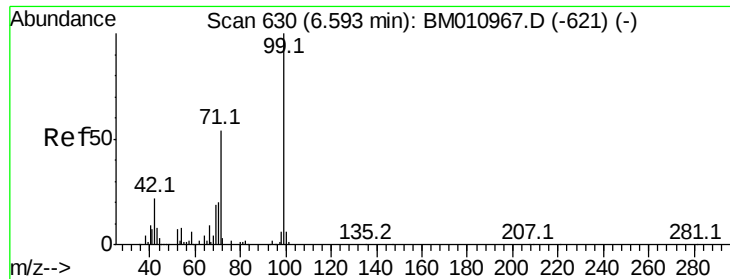


#5

2-Fluorophenol
Concen: 144.054 ng
RT: 4.94 min Scan# 366
Delta R.T. 0.01 min
Lab File: BM011196.D
Acq: 10 Aug 2017 08:41

Tgt Ion:112 Resp: 1440969
Ion Ratio Lower Upper
112 100
64 79.5 38.6 57.8#
63 50.5 19.3 28.9#





#7

Phenol-d6

Concen: 87.715 ng

RT: 6.50 min Scan# 631

Delta R.T. 0.00 min

Lab File: BM011196.D

Acq: 10 Aug 2017 08:41

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-CRE

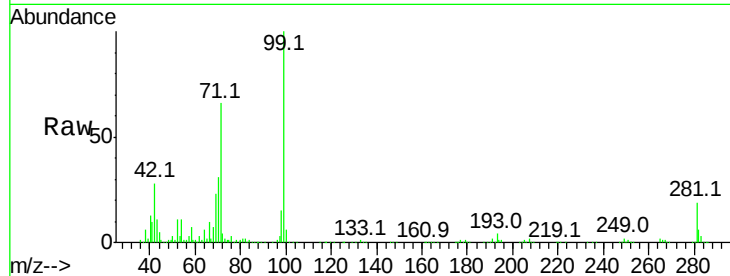
Tot Ion: 99 Resp: 1246634

Ion Ratio Lower Upper

99 100

42 27.8 11.0 16.4#

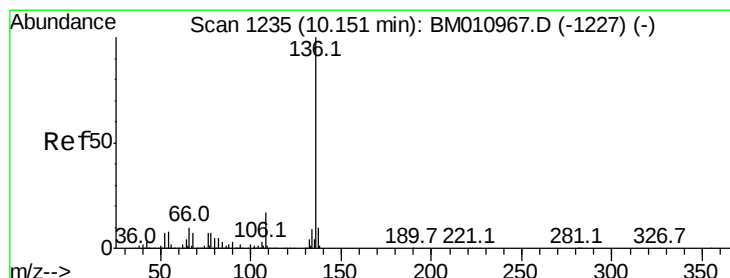
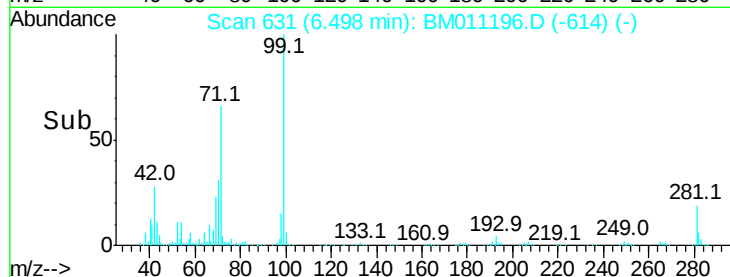
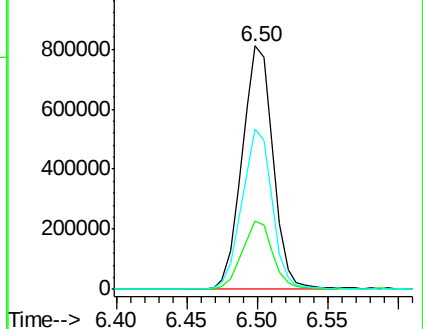
71 65.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011196.D (-614) (-)

Ion 42.00 (41.70 to 42.70): BM011196.D (-614) (-)

Ion 71.00 (70.70 to 71.70): BM011196.D (-614) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM011196.D

Acq: 10 Aug 2017 08:41

Tgt Ion: 136 Resp: 599043

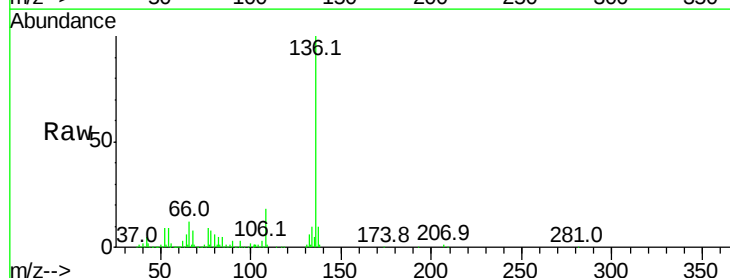
Ion Ratio Lower Upper

136 100

137 9.5 8.7 13.1

54 9.4 4.6 6.8#

68 8.1 3.7 5.5#

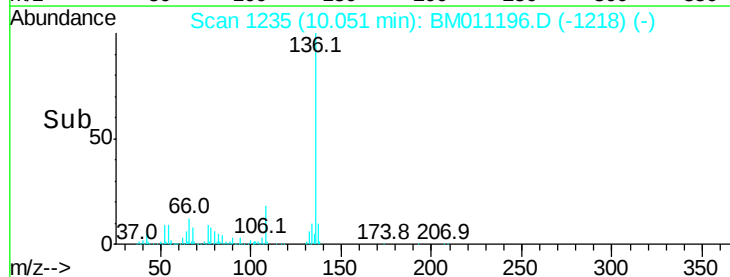
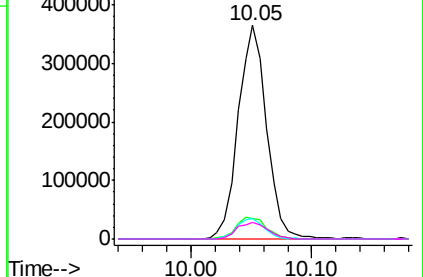


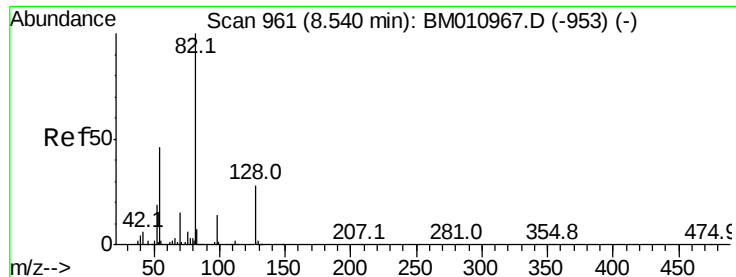
Abundance Ion 136.00 (135.70 to 136.70): BM011196.D (-1218) (-)

Ion 137.00 (136.70 to 137.70): BM011196.D (-1218) (-)

Ion 54.00 (53.70 to 54.70): BM011196.D (-1218) (-)

Ion 68.00 (67.70 to 68.70): BM011196.D (-1218) (-)





#23

Nitrobenzene-d5

Concen: 118.503 ng

RT: 8.45 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM011196.D

Acq: 10 Aug 2017 08:41

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-CRE

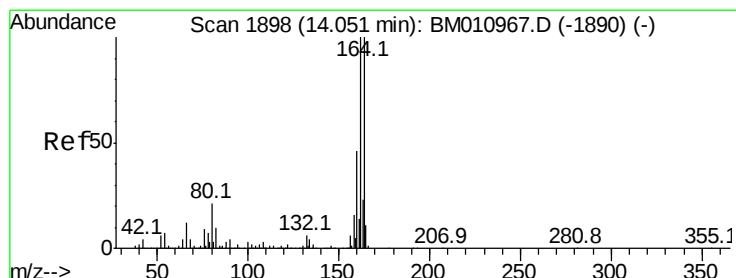
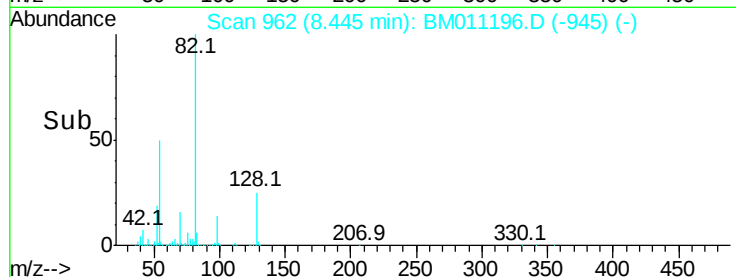
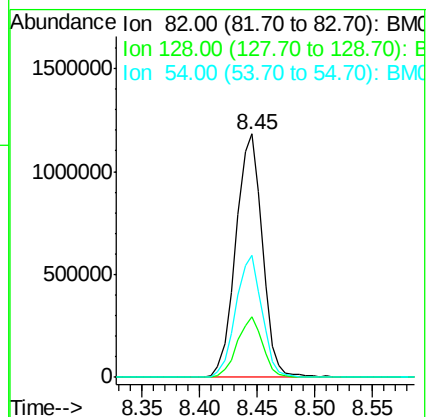
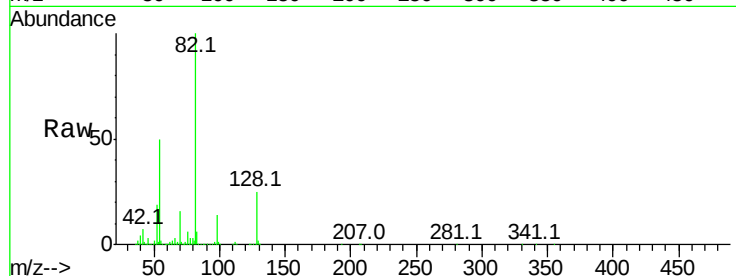
Tot Ion: 82 Resp: 1891432

Ion Ratio Lower Upper

82 100

128 24.9 32.8 49.2#

54 50.2 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM011196.D

Acq: 10 Aug 2017 08:41

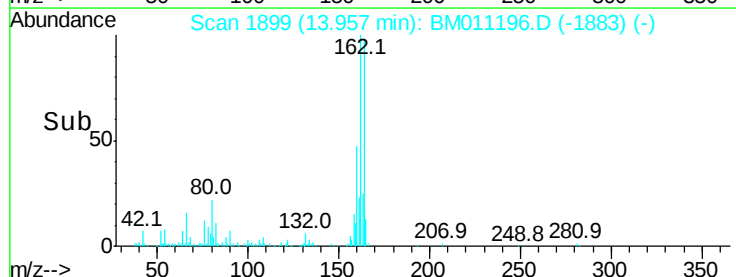
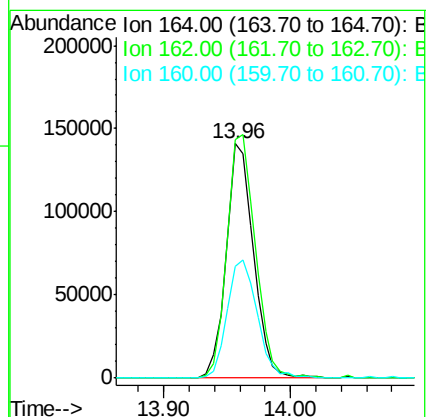
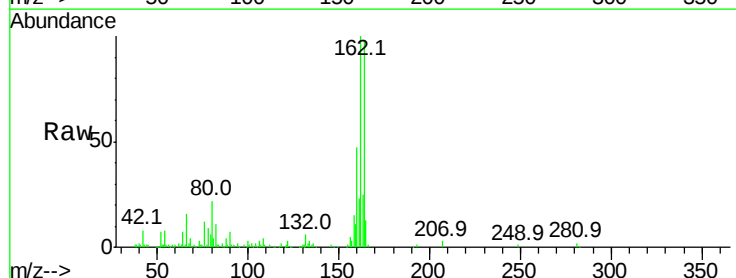
Tgt Ion:164 Resp: 210418

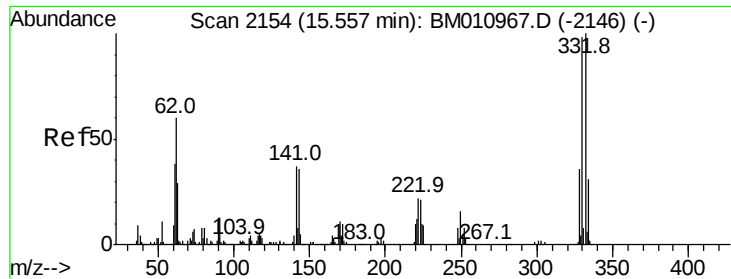
Ion Ratio Lower Upper

164 100

162 101.8 82.4 123.6

160 47.9 35.8 53.6

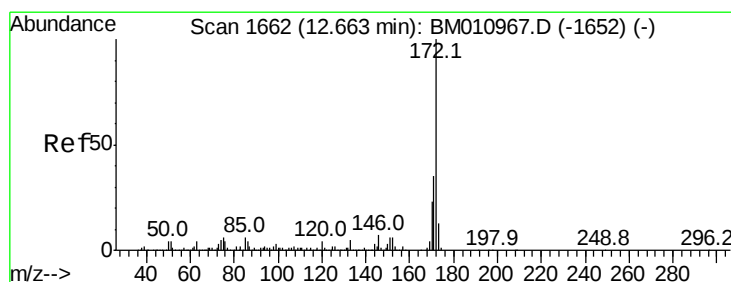
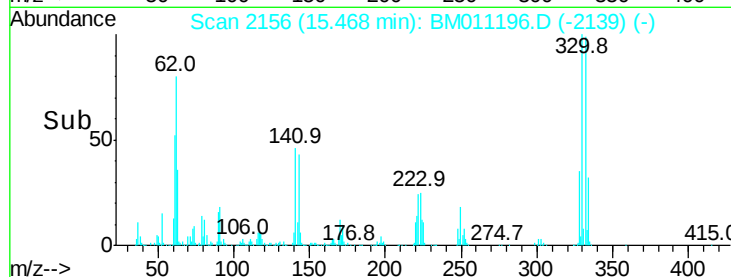
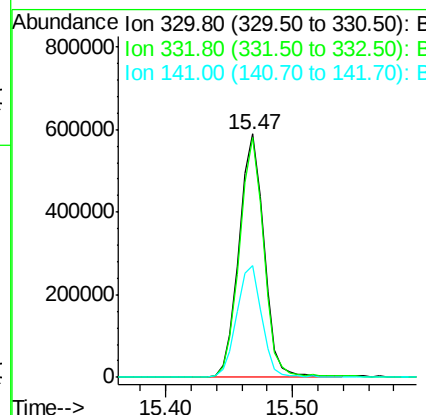
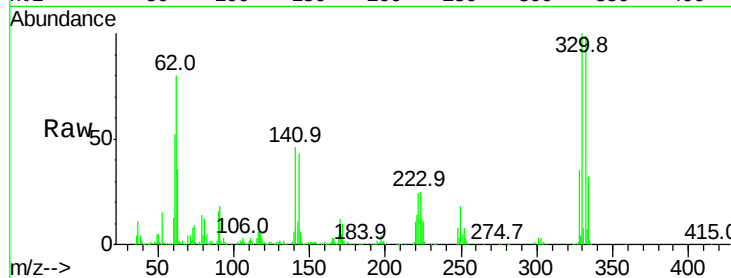




#41
 2,4,6-Tribromophenol
 Concen: 237.480 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BM011196.D
 Acq: 10 Aug 2017 08:41

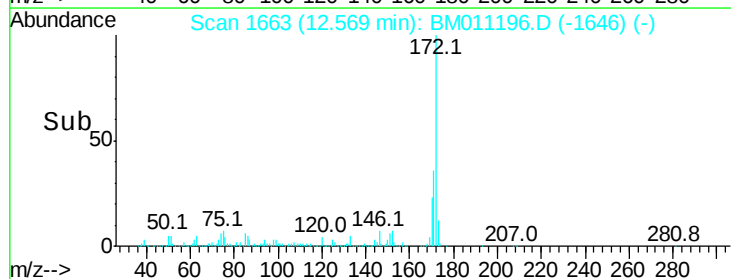
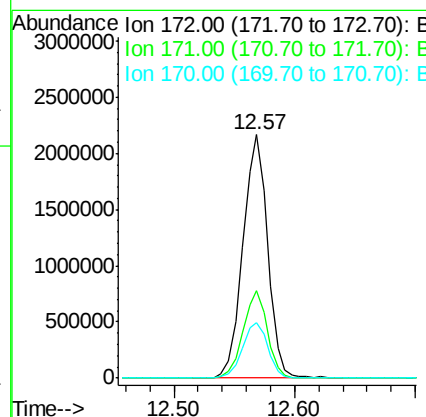
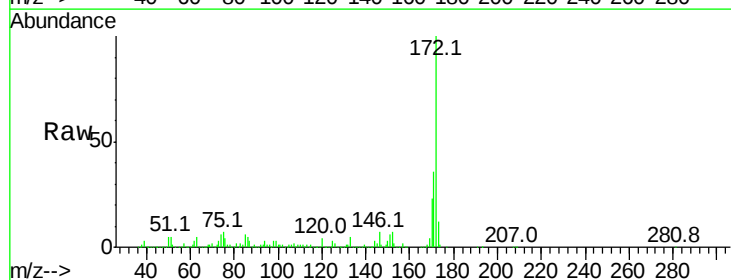
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 CL-01-080717-CRE

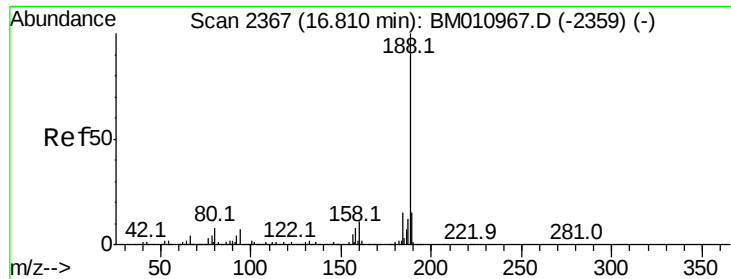
Tot Ion:330 Resp: 800915
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 46.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 184.464 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM011196.D
 Acq: 10 Aug 2017 08:41

Tgt Ion:172 Resp: 3094917
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 22.9 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: BM011196.D

Acq: 10 Aug 2017 08:41

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-CRE

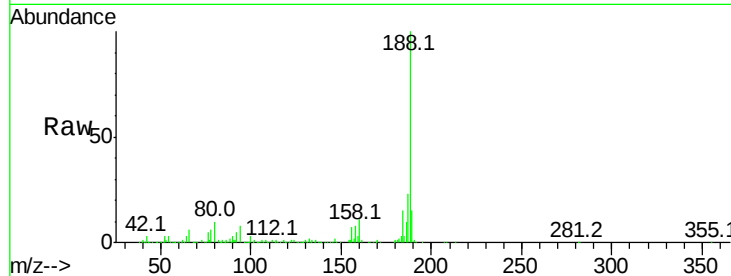
Tot Ion:188 Resp: 692179

Ion Ratio Lower Upper

188 100

94 7.6 8.7 13.1#

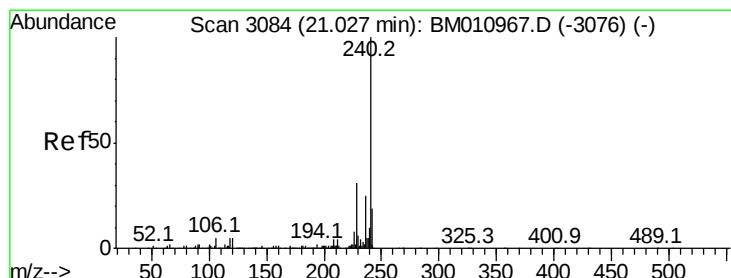
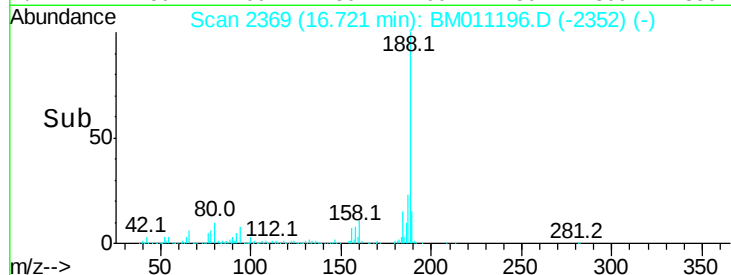
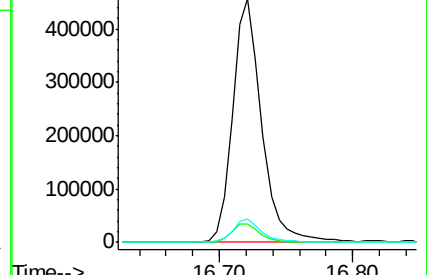
80 9.9 9.3 13.9



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: 20.000 ng

RT: 20.94 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM011196.D

Acq: 10 Aug 2017 08:41

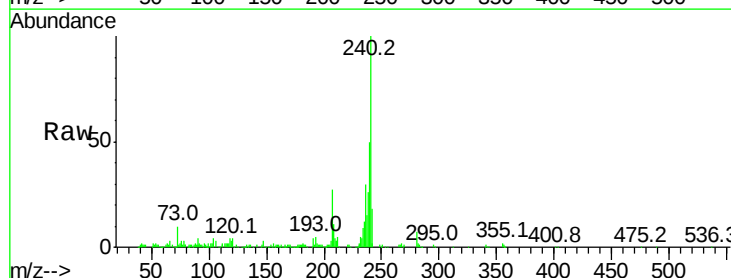
Tgt Ion:240 Resp: 233705

Ion Ratio Lower Upper

240 100

120 4.1 8.2 12.2#

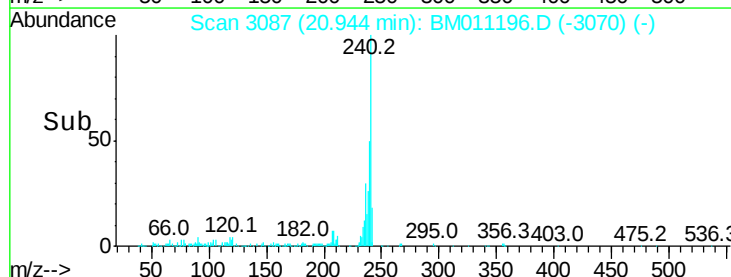
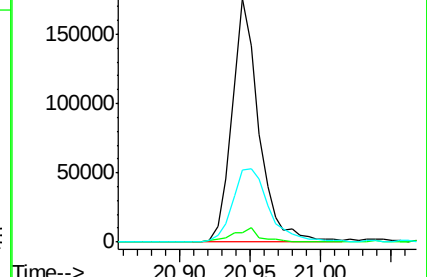
236 29.8 20.0 30.0

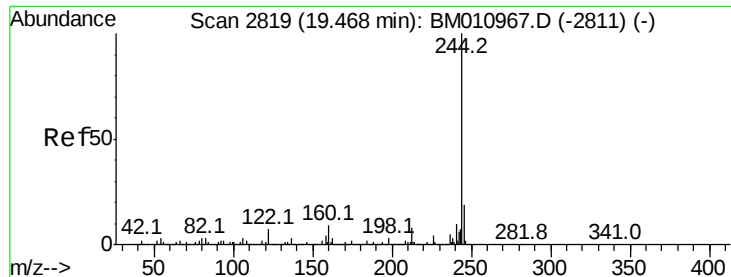


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 274.244 ng

RT: 19.39 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM011196.D

Acq: 10 Aug 2017 08:41

Instrument :

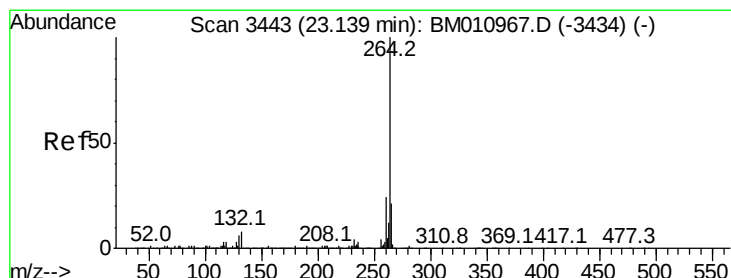
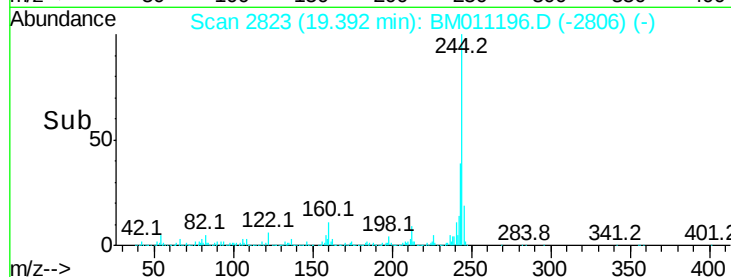
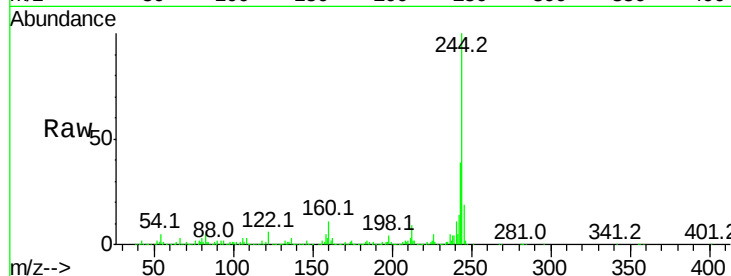
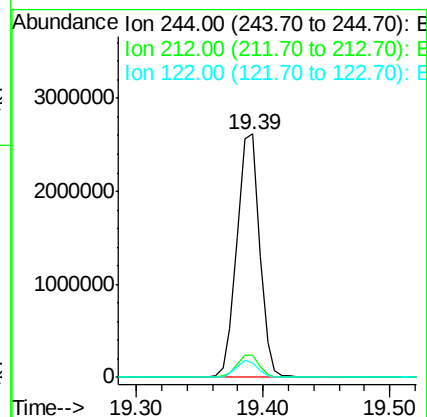
BNA_M

ClientSampleId :

CL-01-080717-CRE

Tot Ion:244 Resp: 3235558

Ion	Ratio	Lower	Upper
244	100		
212	9.1	4.9	7.3#
122	6.2	6.2	9.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.03 min Scan# 3441

Delta R.T. 0.01 min

Lab File: BM011196.D

Acq: 10 Aug 2017 08:41

Tgt Ion:264 Resp: 9228

Ion	Ratio	Lower	Upper
264	100		
260	59.2	18.6	27.8#
265	100.0	17.3	25.9#

