

Data File : BM010945.D
Acq On : 21 Jul 2017 20:48
Operator : SJ/JU
Sample : I4280-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-071817-D

Quant Time: Jul 21 23:26:29 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	289751	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	1037772	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	632382	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1457351	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1554877	20.00	ng	-0.02
86) Perylene-d12	23.18	264	1313001	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1997483	114.20	ng	-0.01
7) Phenol-d6	6.62	99	2437019	101.06	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2247040	83.23	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1237636	128.07	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4144141	81.52	ng	-0.02
78) Terphenyl-d14	19.50	244	5988693	74.49	ng	-0.01

Target Compounds Qvalue

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

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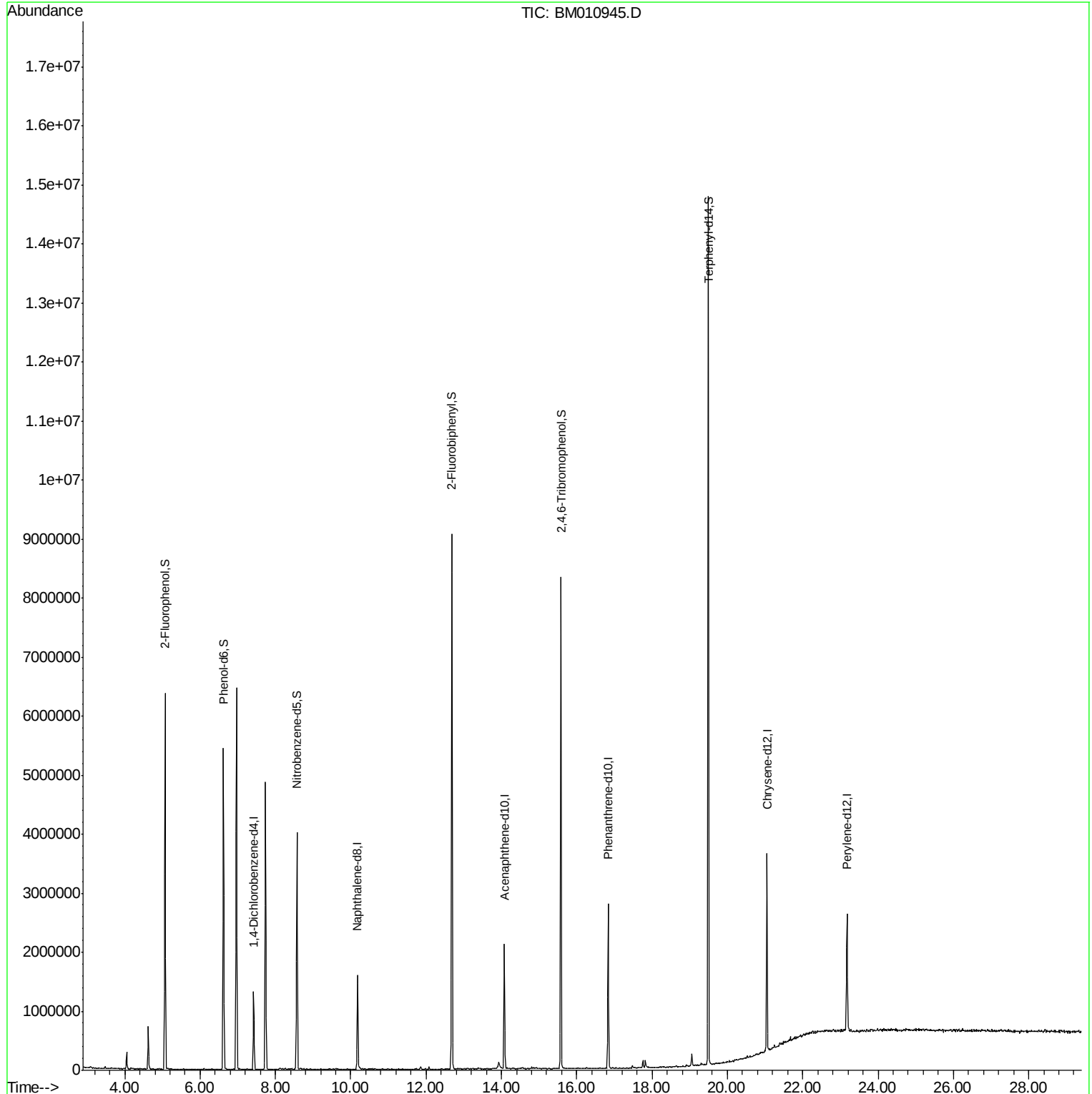
Quant Time: Jul 21 23:26:29 2017

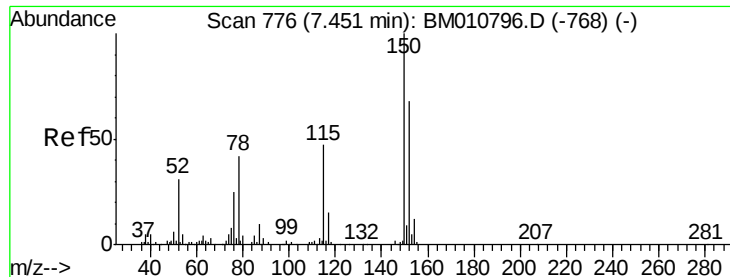
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 771

Delta R.T. -0.03 min

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ClientSampleId :

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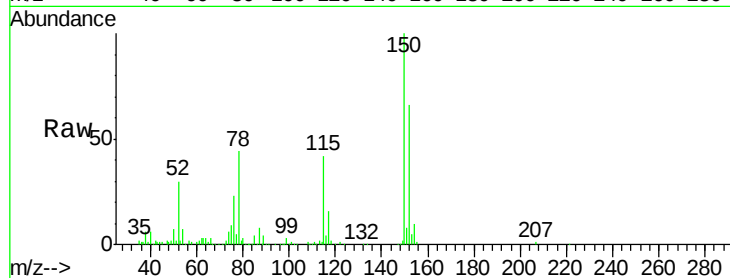
Tgt Ion:152 Resp: 289751

Ion Ratio Lower Upper

152 100

150 151.3 119.5 179.3

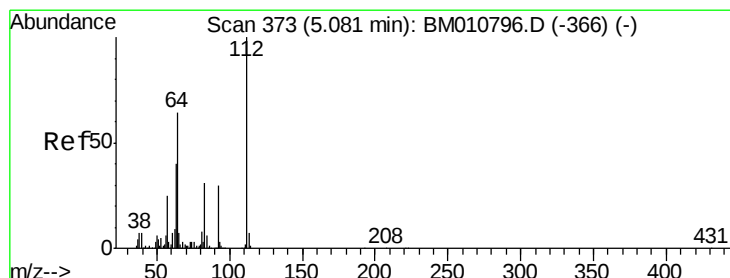
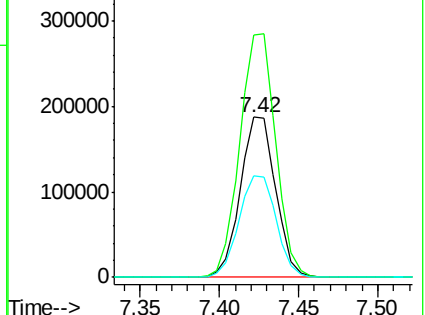
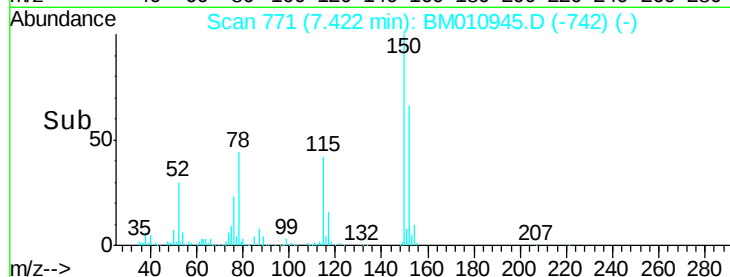
115 63.2 43.0 64.4



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: 114.20 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM010945.D

Acq: 21 Jul 2017 20:48

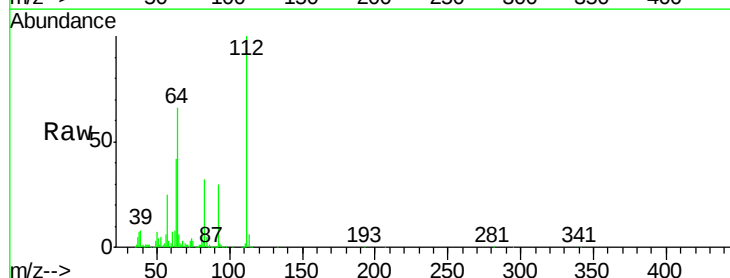
Tgt Ion:112 Resp: 1997483

Ion Ratio Lower Upper

112 100

64 65.6 38.6 57.8#

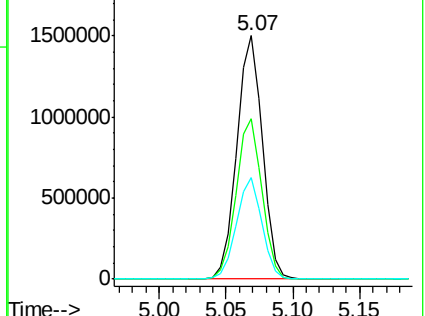
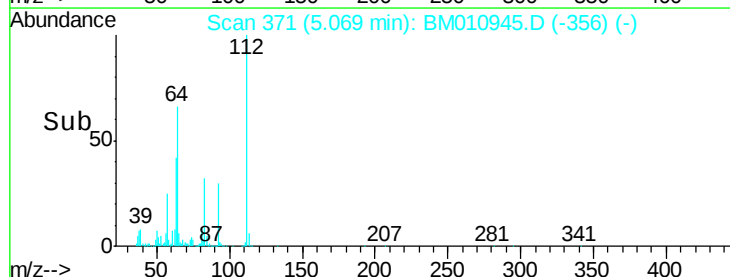
63 41.5 19.3 28.9#

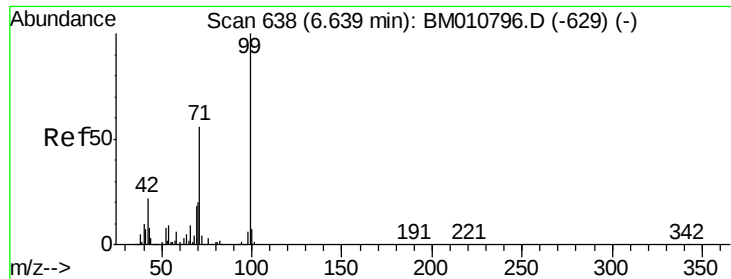


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 101.06 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

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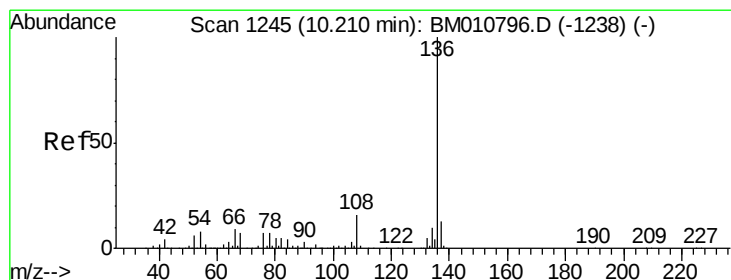
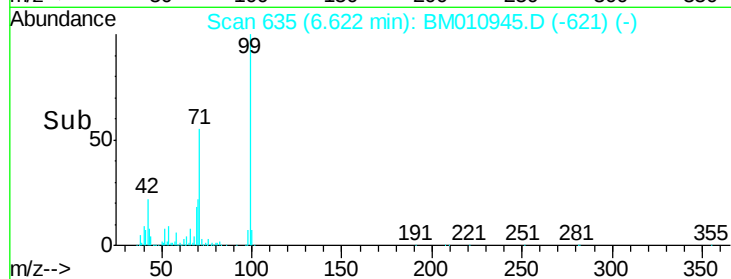
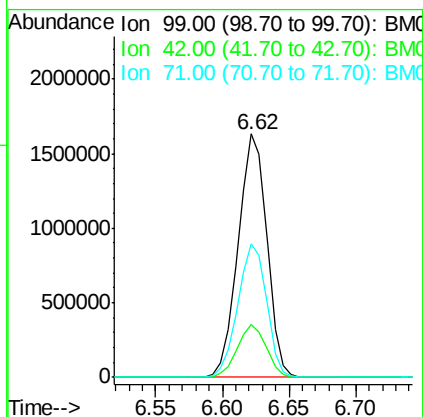
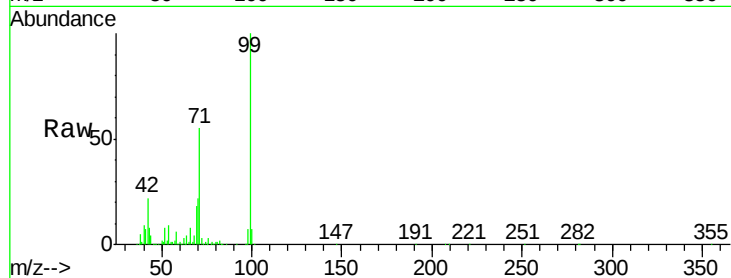
Tgt Ion: 99 Resp: 2437019

Ion Ratio Lower Upper

99 100

42 21.9 11.0 16.4#

71 54.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010945.D

Acq: 21 Jul 2017 20:48

Tgt Ion: 136 Resp: 1037772

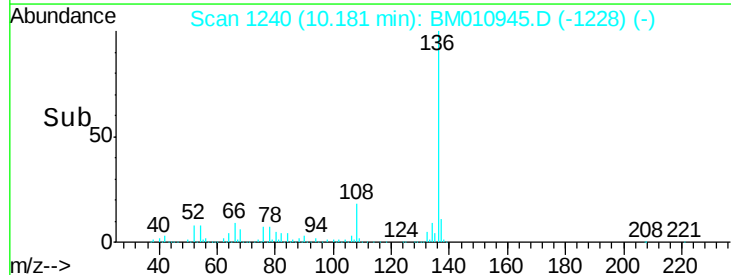
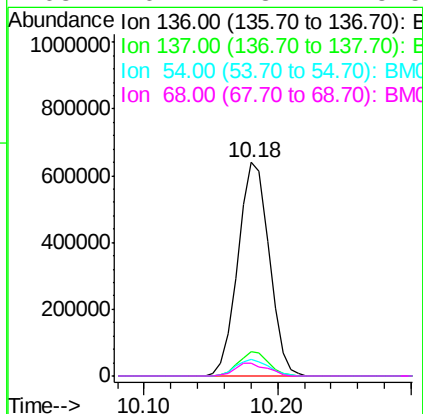
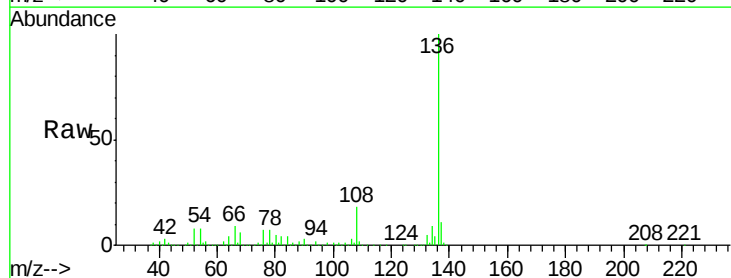
Ion Ratio Lower Upper

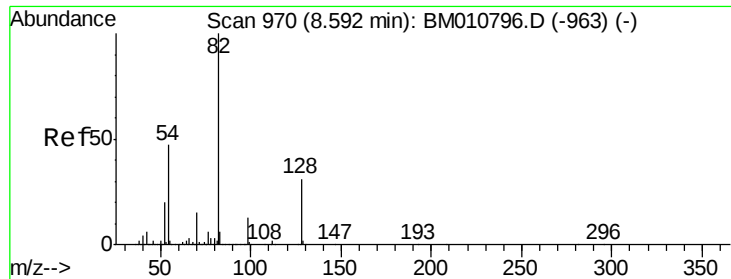
136 100

137 11.2 8.7 13.1

54 8.0 4.6 6.8#

68 6.2 3.7 5.5#

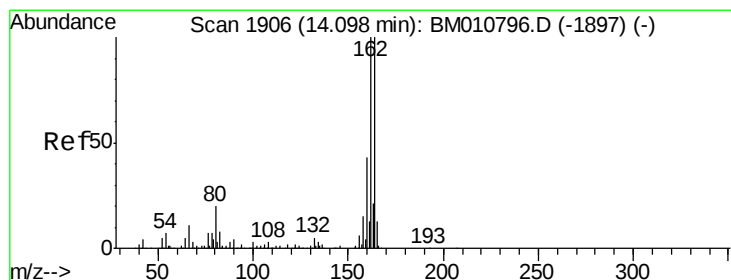
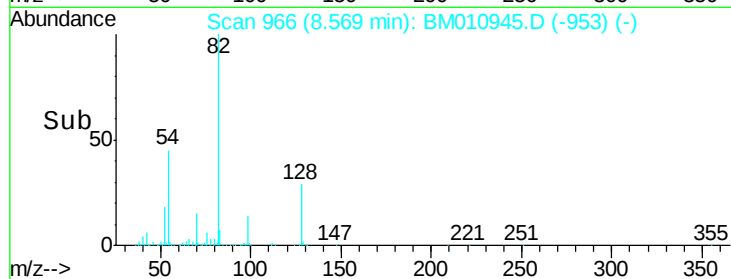
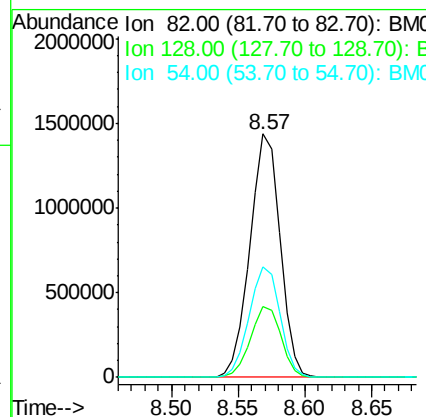
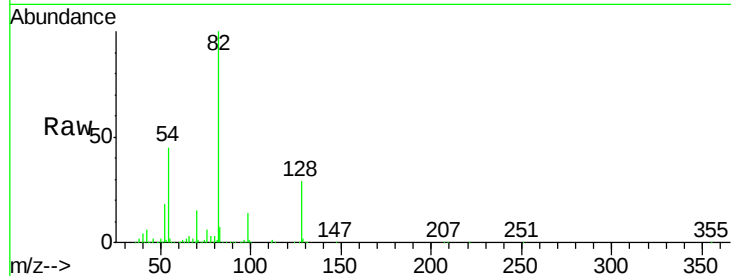




#23
 Nitrobenzene-d5
 Concen: 83.23 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM010945.D
 Acq: 21 Jul 2017 20:48

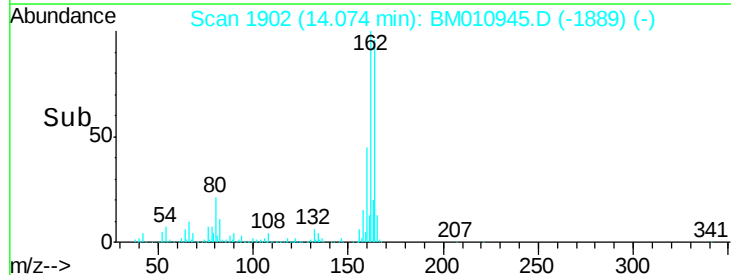
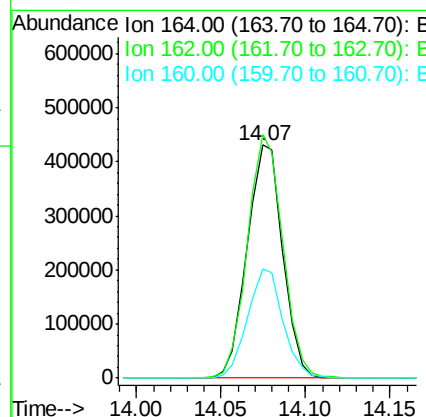
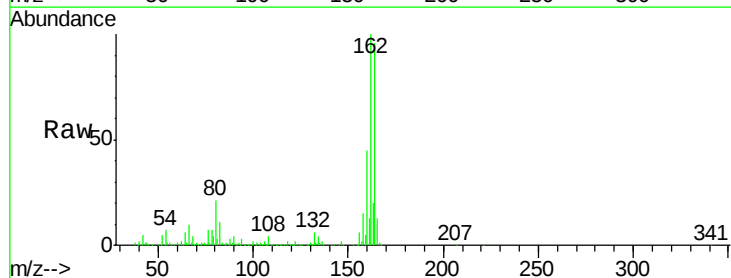
Instrument :
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 CL-01-071817-D

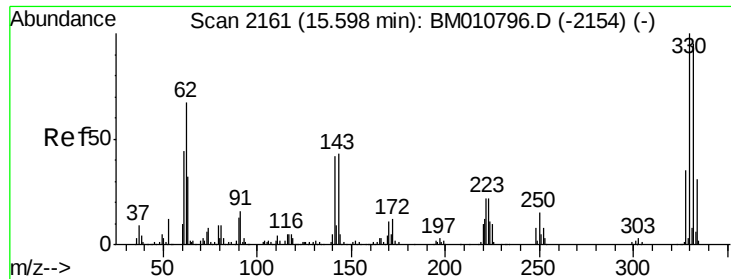
Tgt Ion: 82 Resp: 2247040
 Ion Ratio Lower Upper
 82 100
 128 29.1 32.8 49.2#
 54 45.4 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BM010945.D
 Acq: 21 Jul 2017 20:48

Tgt Ion: 164 Resp: 632382
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.4 123.6
 160 47.0 35.8 53.6

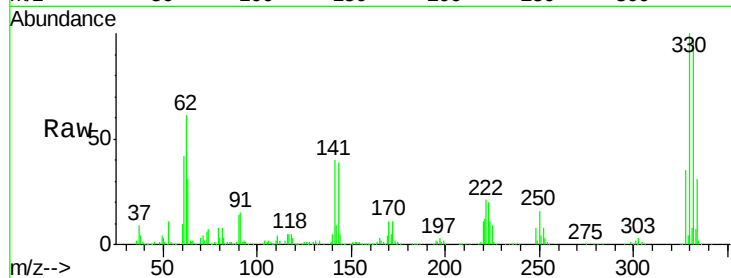




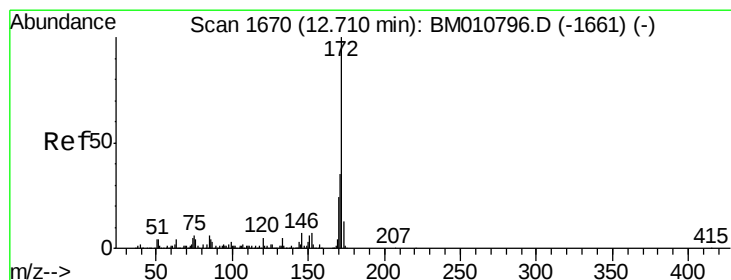
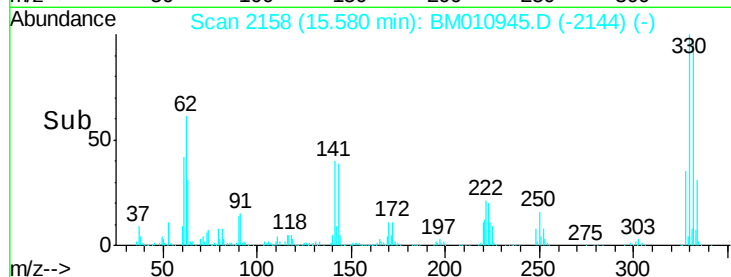
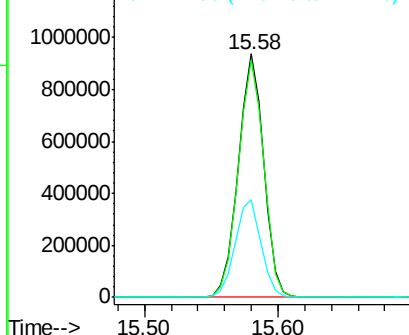
#41
 2,4,6-Tribromophenol
 Concen: 128.07 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010945.D
 Acq: 21 Jul 2017 20:48

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-071817-D

Tgt Ion: 330 Resp: 1237636
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 41.0 0.0 0.0#

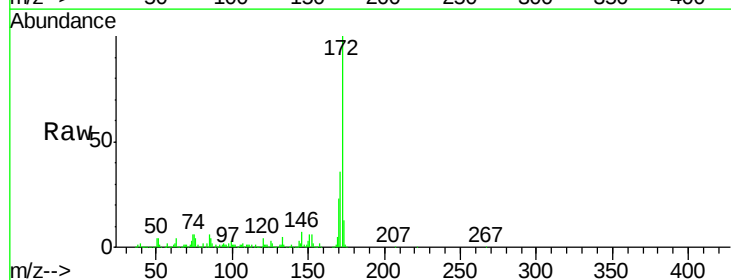


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

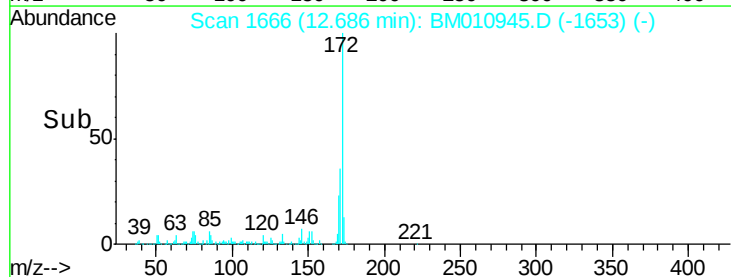
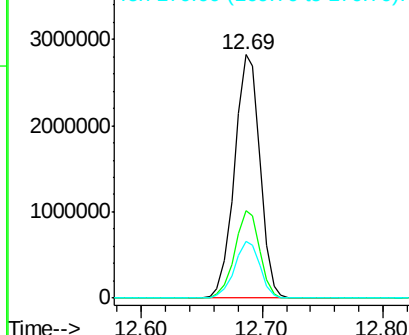


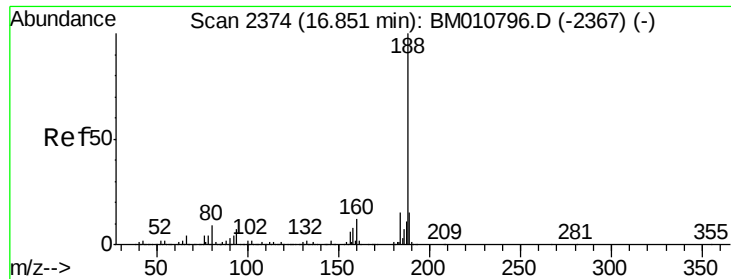
#44
 2-Fluorobiphenyl
 Concen: 81.52 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010945.D
 Acq: 21 Jul 2017 20:48

Tgt Ion: 172 Resp: 4144141
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.3 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

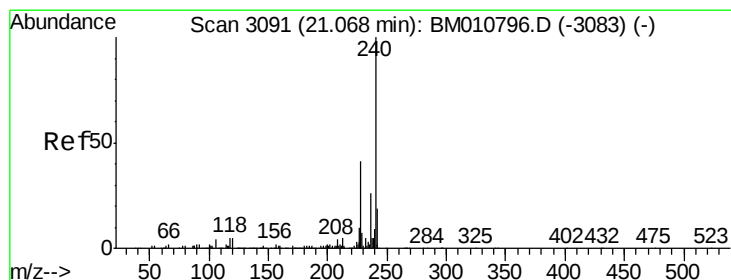
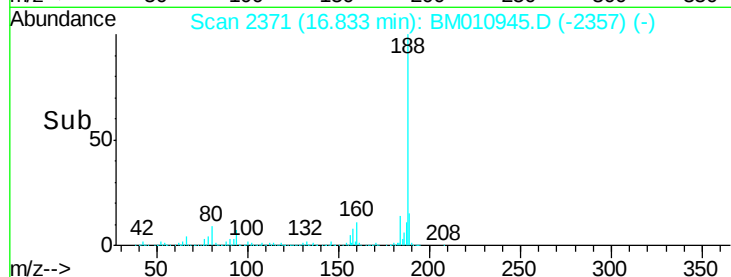
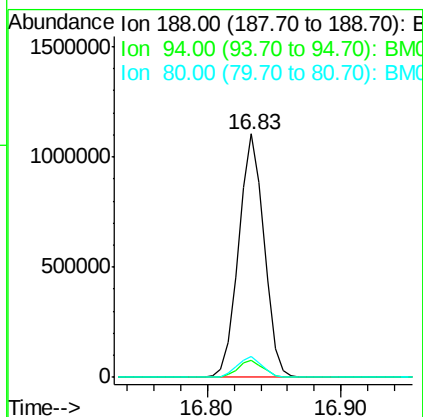
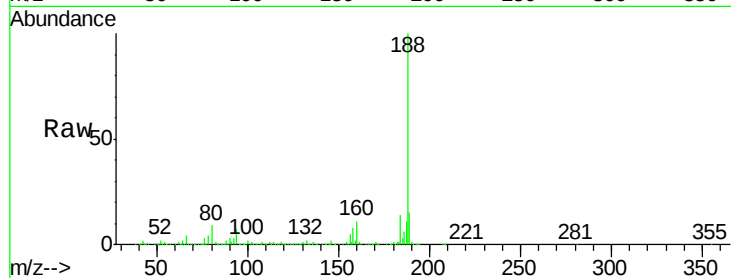




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM010945.D
Acq: 21 Jul 2017 20:48

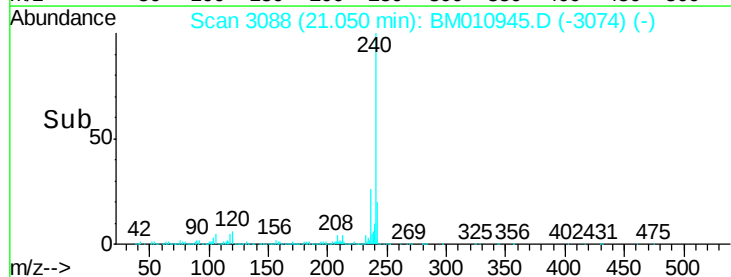
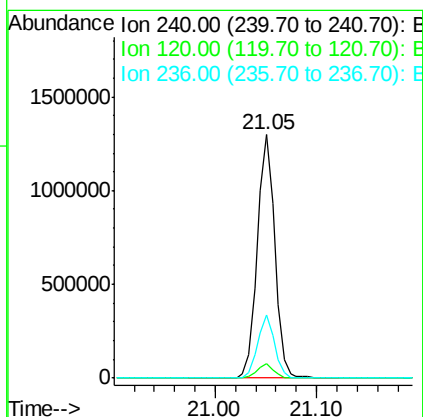
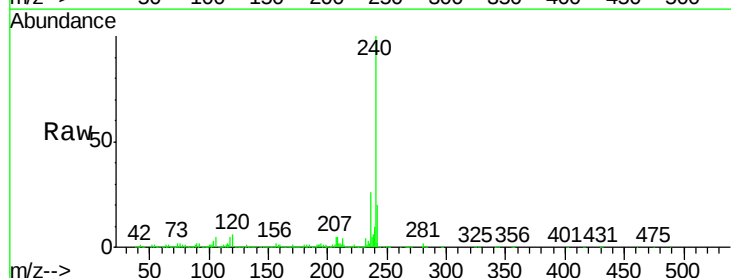
Instrument :
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Tgt Ion:188 Resp: 1457351
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 8.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM010945.D
Acq: 21 Jul 2017 20:48

Tgt Ion:240 Resp: 1554877
Ion Ratio Lower Upper
240 100
120 6.1 8.2 12.2#
236 25.8 20.0 30.0





#78

Terphenyl-d14

Concen: 74.49 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM010945.D

Acq: 21 Jul 2017 20:48

Instrument :

BNA_M

ClientSampleId :

CL-01-071817-D

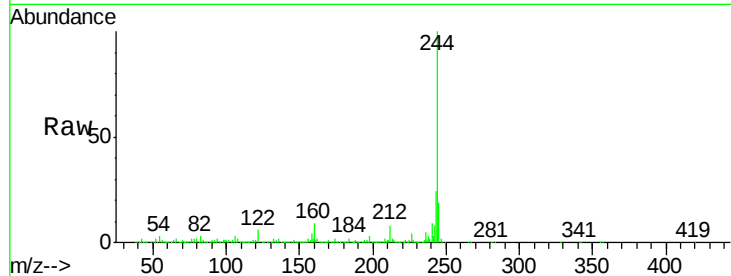
Tgt Ion:244 Resp: 5988693

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

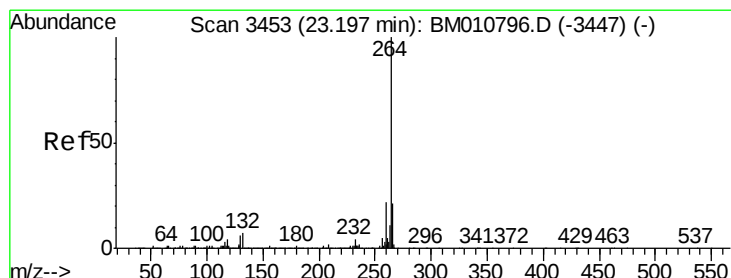
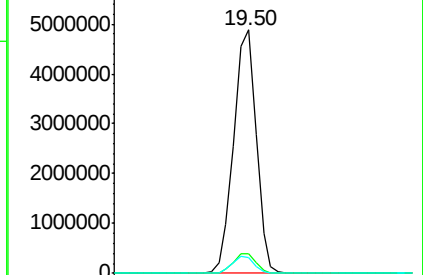
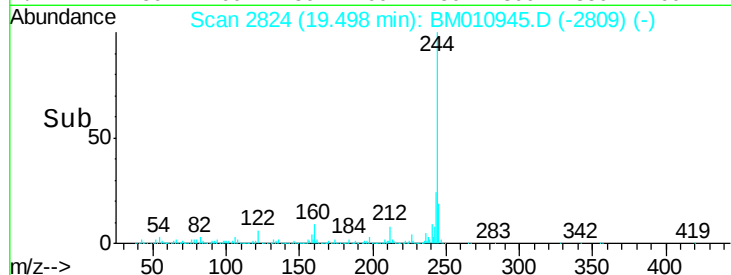
122 6.4 6.2 9.4



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: 20.00 ng

RT: 23.18 min Scan# 3450

Delta R.T. -0.02 min

Lab File: BM010945.D

Acq: 21 Jul 2017 20:48

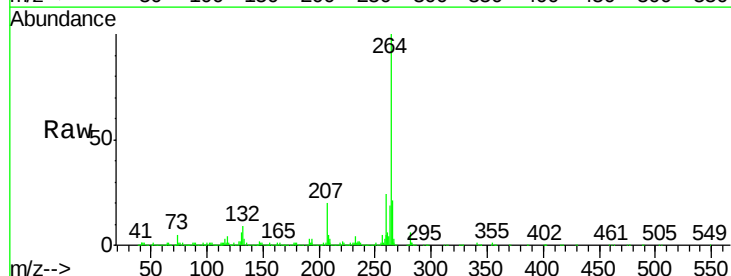
Tgt Ion:264 Resp: 1313001

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.4 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

