

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
 Data File : BM015931.D
 Acq On : 13 Jul 2018 01:01
 Operator : SJ/JU
 Sample : J3825-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-071118-A

Quant Time: Jul 13 01:41:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

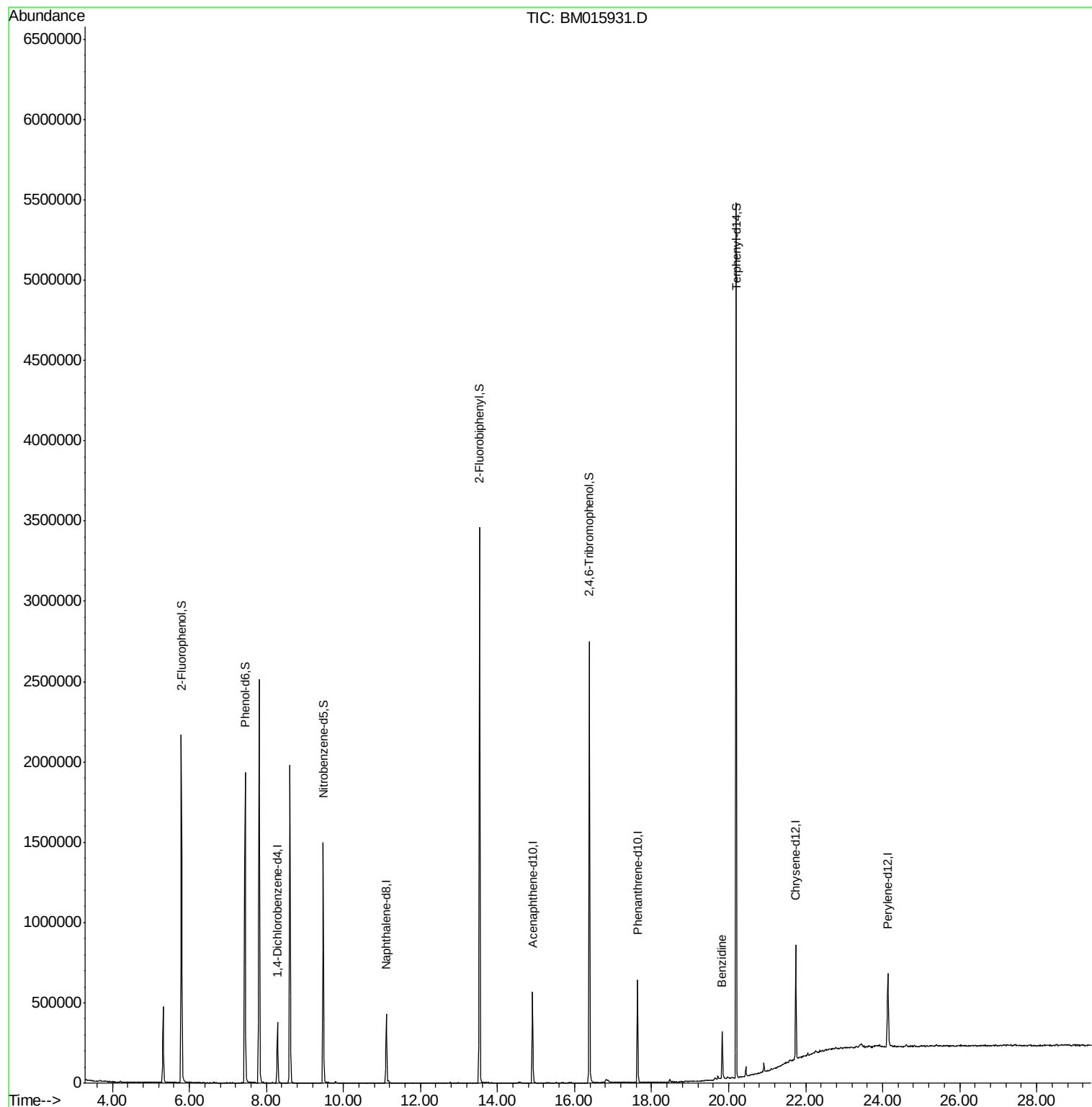
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	84808	20.00	ng	-0.03
21) Naphthalene-d8	11.11	136	326495	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	168522	20.00	ng	-0.03
63) Phenanthrene-d10	17.63	188	337478	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	313508	20.00	ng	-0.02
86) Perylene-d12	24.13	264	327504	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	773756	156.47	ng	-0.02
7) Phenol-d6	7.45	99	875330	129.30	ng	-0.02
23) Nitrobenzene-d5	9.47	82	754146	112.70	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	344742	156.56	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	1498585	110.40	ng	-0.03
78) Terphenyl-d14	20.20	244	2001166	118.40	ng	-0.02
Target Compounds						
76) Benzidine	19.84	184	148555	16.173	ng	Qvalue 98

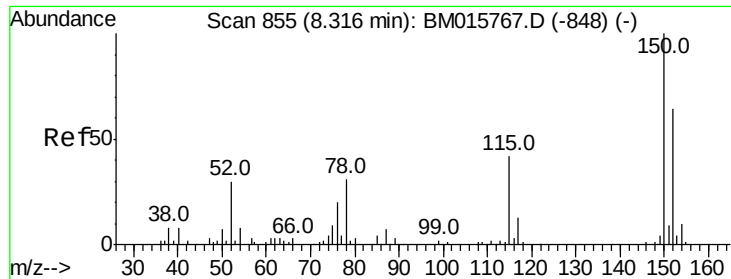
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 850

Delta R.T. -0.03 min

Lab File: BM015931.D

Acq: 13 Jul 2018 01:01

Instrument :

BNA_M

ClientSampleId :

CL-02-071118-A

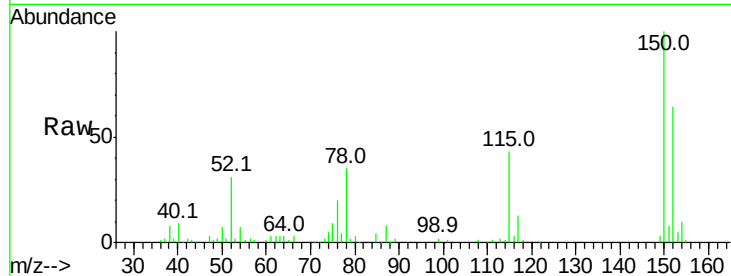
Tot Ion:152 Resp: 84808

Ion Ratio Lower Upper

152 100

150 157.1 119.5 179.3

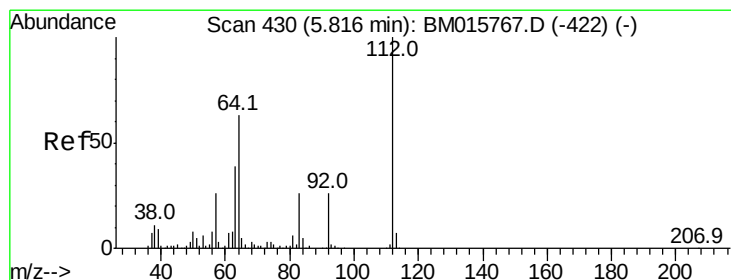
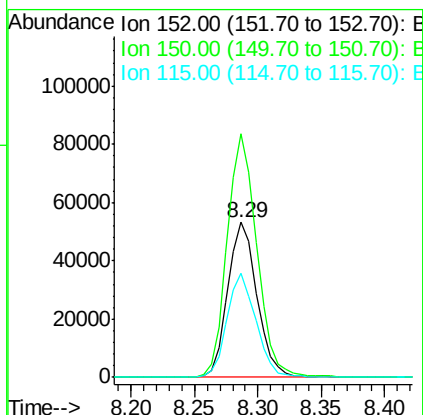
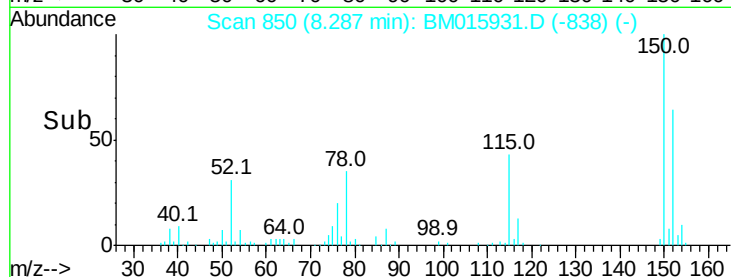
115 67.1 43.0 64.4#



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: Below ng

RT: 5.80 min Scan# 427

Delta R.T. -0.02 min

Lab File: BM015931.D

Acq: 13 Jul 2018 01:01

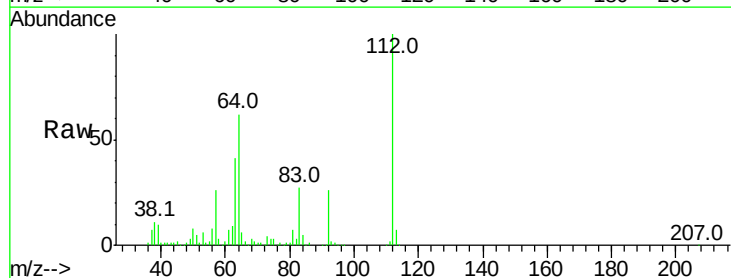
Tgt Ion:112 Resp: 773756

Ion Ratio Lower Upper

112 100

64 62.2 38.6 57.8#

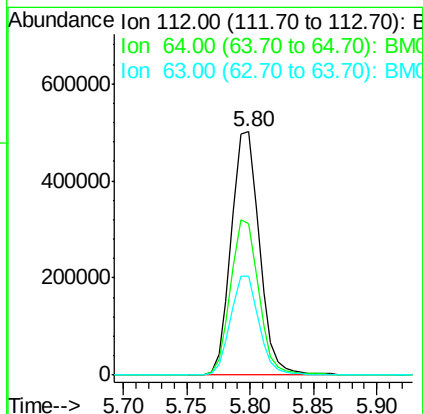
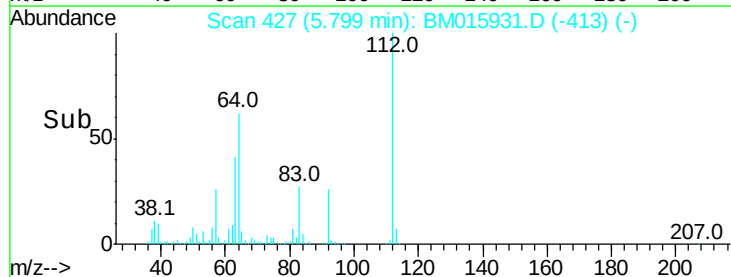
63 40.6 19.3 28.9#

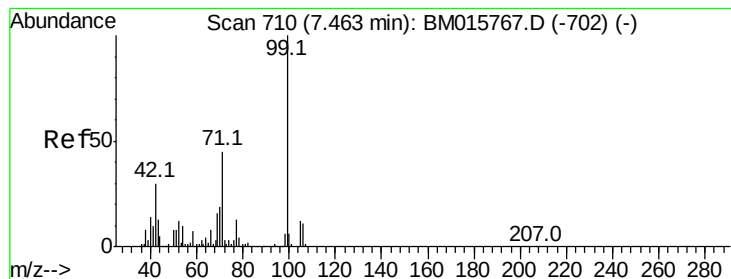


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015931.D

Acq: 13 Jul 2018 01:01

Instrument :

BNA_M

ClientSampleId :

CL-02-071118-A

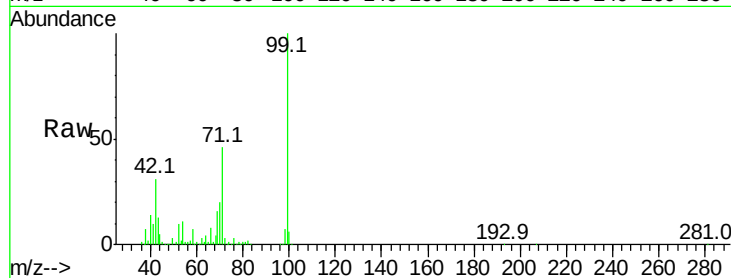
Tot Ion: 99 Resp: 875330

Ion Ratio Lower Upper

99 100

42 30.5 11.0 16.4#

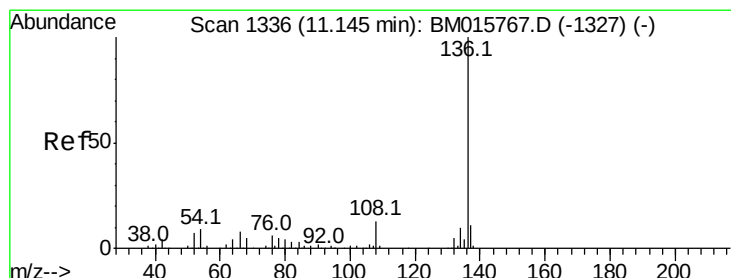
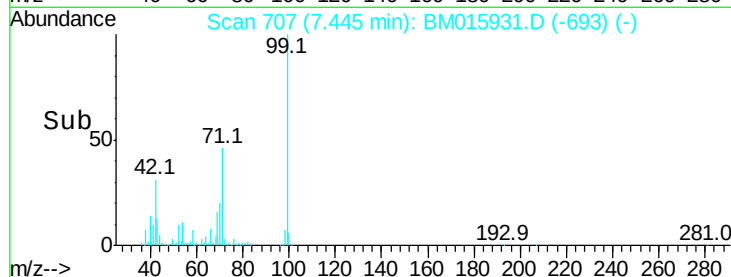
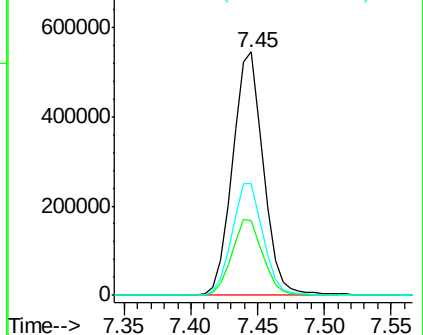
71 46.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015767.D (-702) (-)

Ion 42.00 (41.70 to 42.70): BM015767.D (-702) (-)

Ion 71.00 (70.70 to 71.70): BM015767.D (-702) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.11 min Scan# 1330

Delta R.T. -0.04 min

Lab File: BM015931.D

Acq: 13 Jul 2018 01:01

Tgt Ion: 136 Resp: 326495

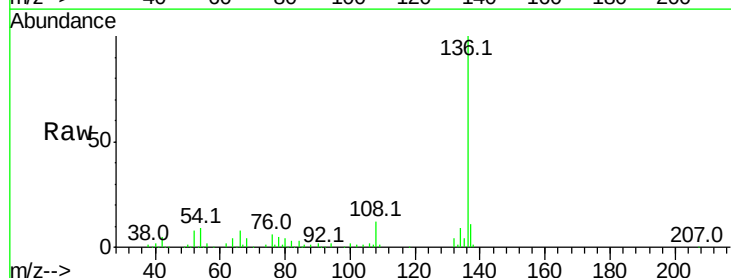
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.5 4.6 6.8#

68 4.2 3.7 5.5

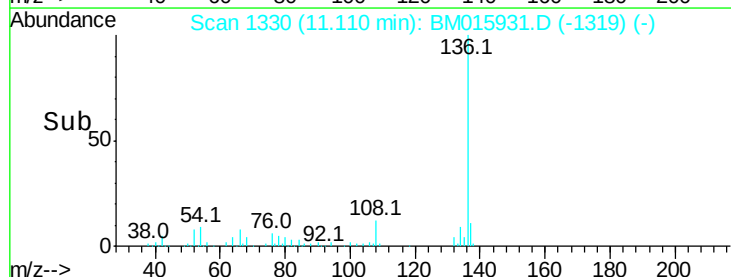
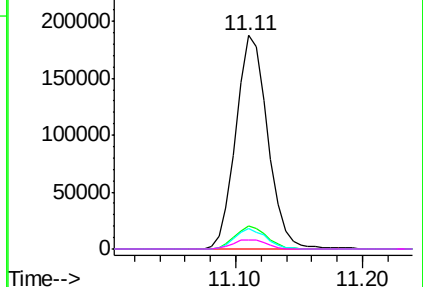


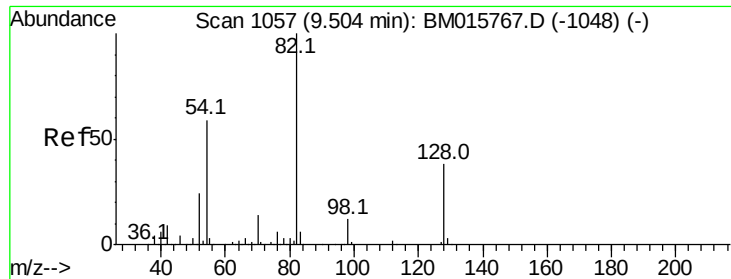
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015767.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015767.D (-1327) (-)

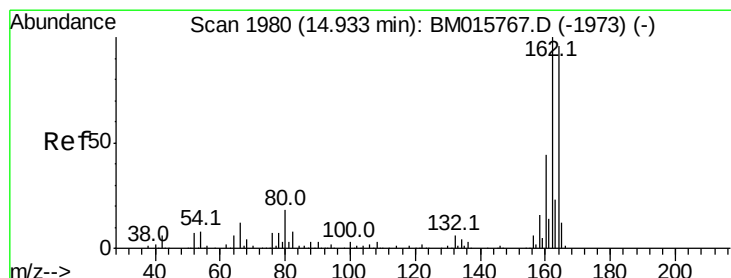
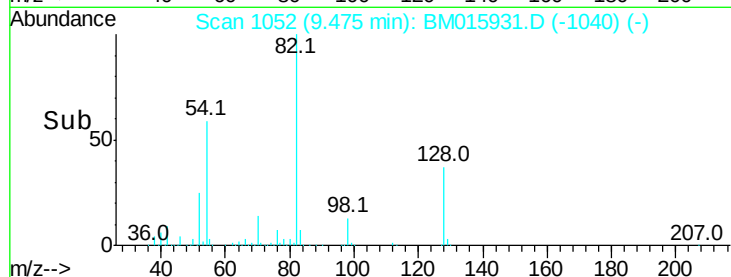
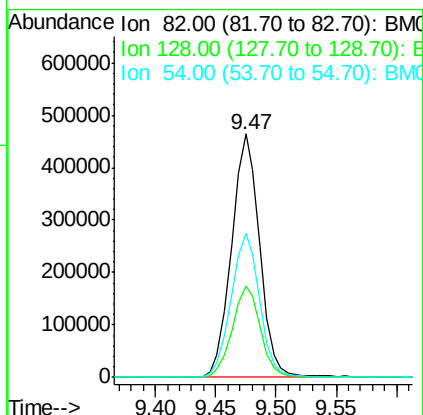
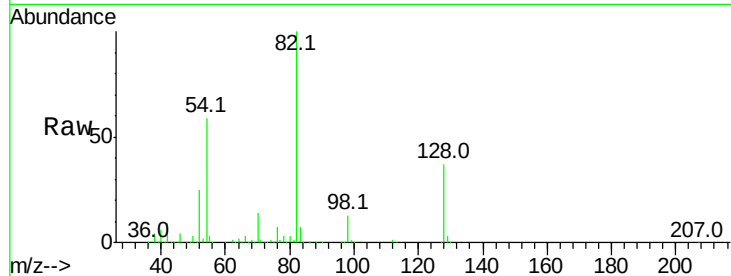




#23
Nitrobenzene-d5
Concen: Below na
RT: 9.47 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

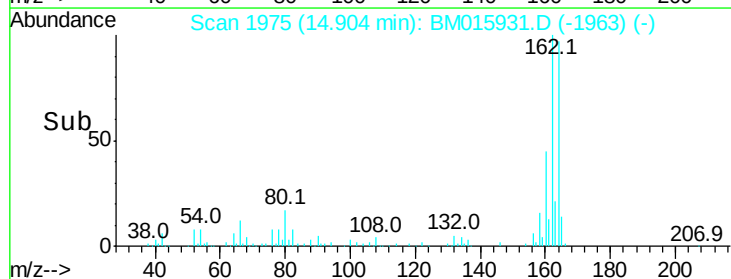
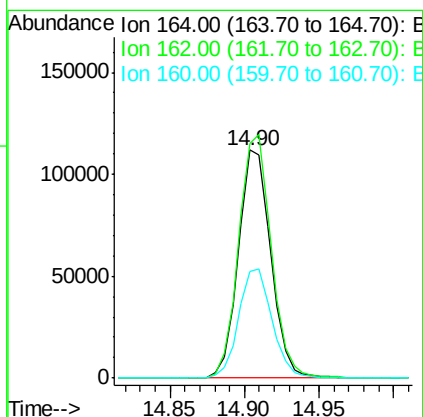
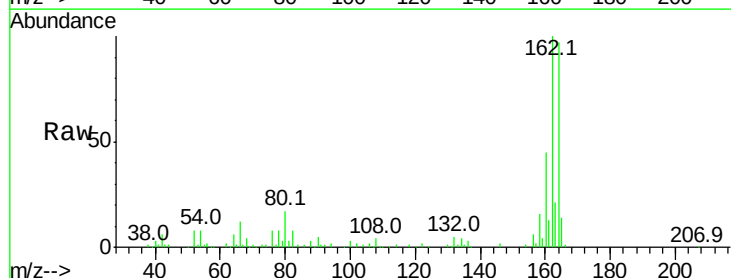
Instrument :
BNA_M
ClientSampleId :
CL-02-071118-A

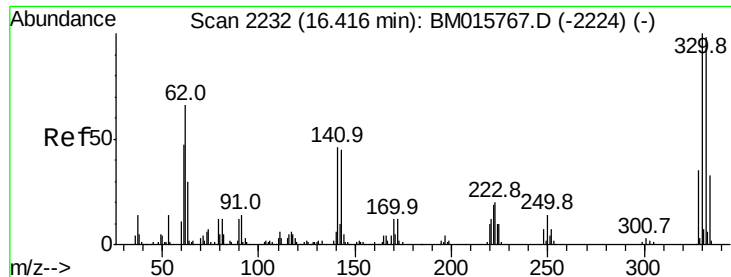
Tot Ion: 82 Resp: 754146
Ion Ratio Lower Upper
82 100
128 37.3 32.8 49.2
54 59.3 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Tgt Ion:164 Resp: 168522
Ion Ratio Lower Upper
164 100
162 103.0 82.4 123.6
160 46.6 35.8 53.6

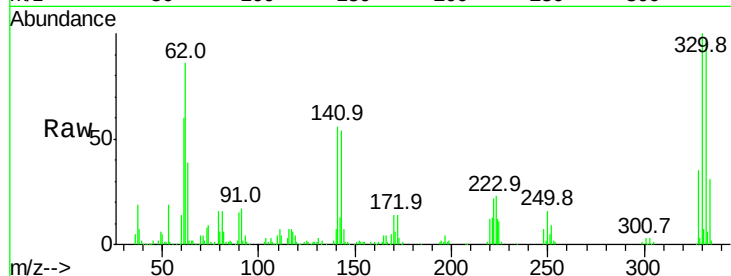




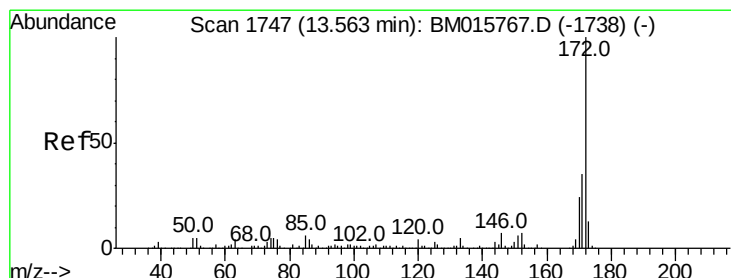
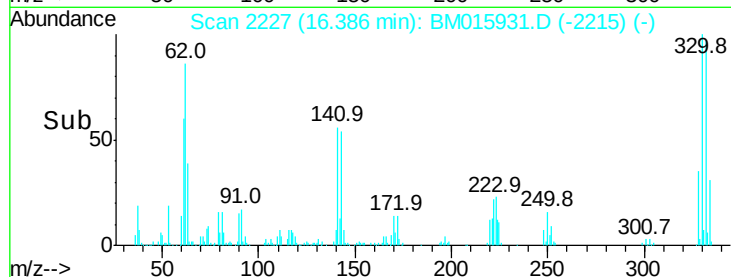
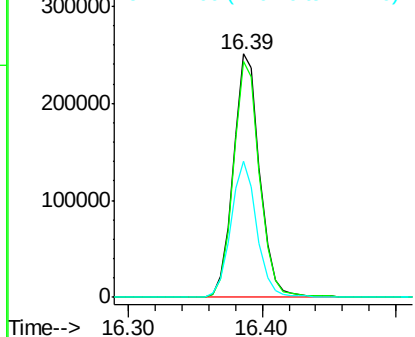
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2227
 Delta R.T. -0.03 min
 Lab File: BM015931.D
 Acq: 13 Jul 2018 01:01

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-071118-A

Tot Ion:330 Resp: 344742
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 55.3 0.0 0.0#

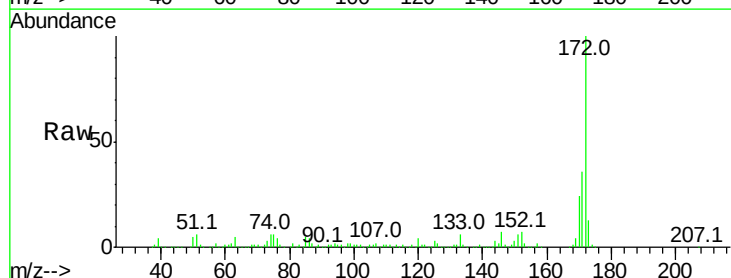


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

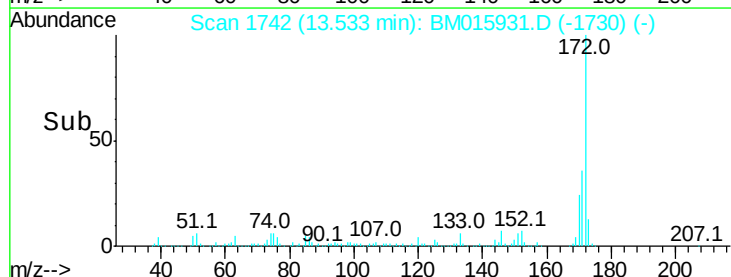
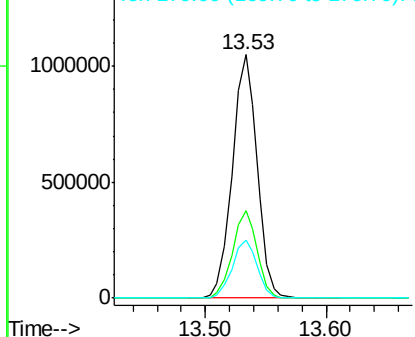


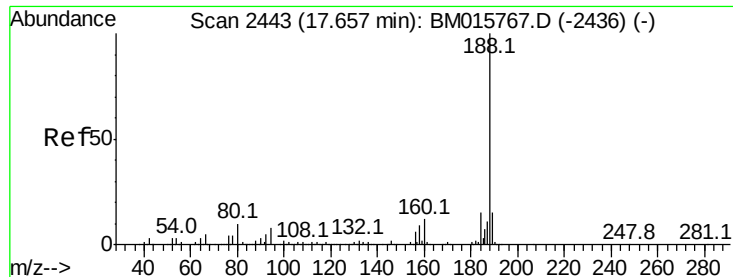
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015931.D
 Acq: 13 Jul 2018 01:01

Tgt Ion:172 Resp: 1498585
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

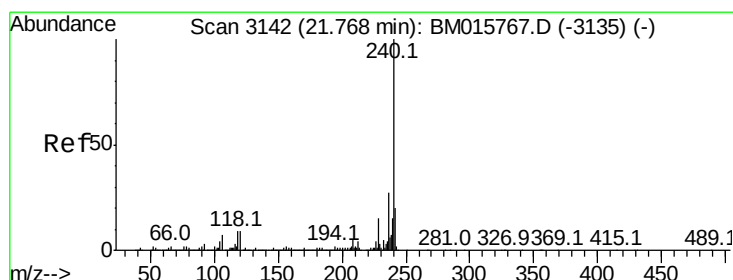
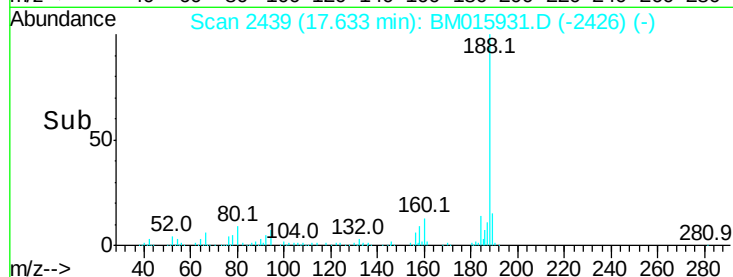
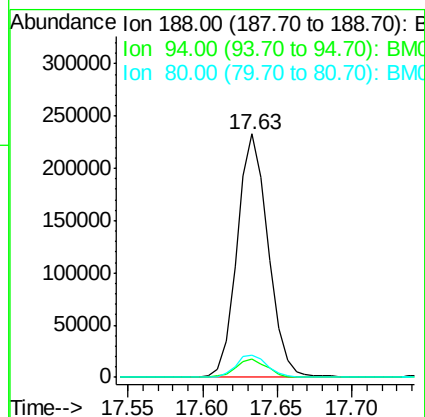
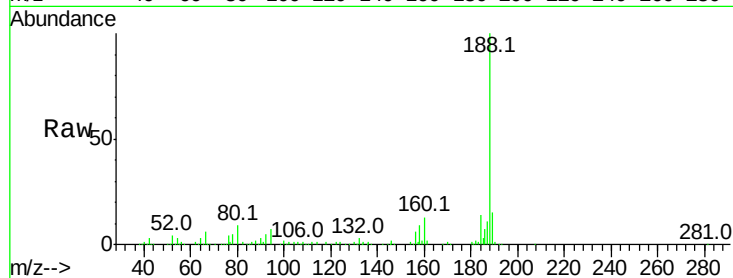




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.63 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

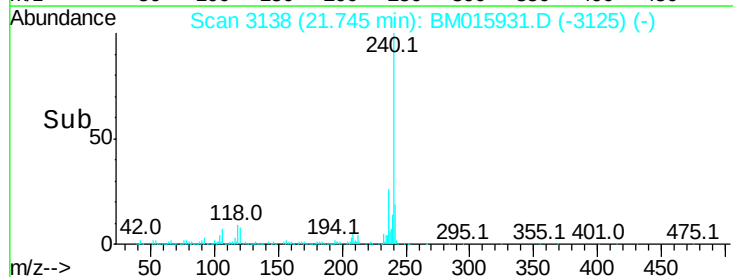
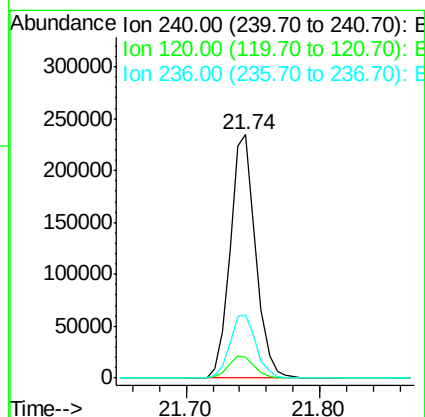
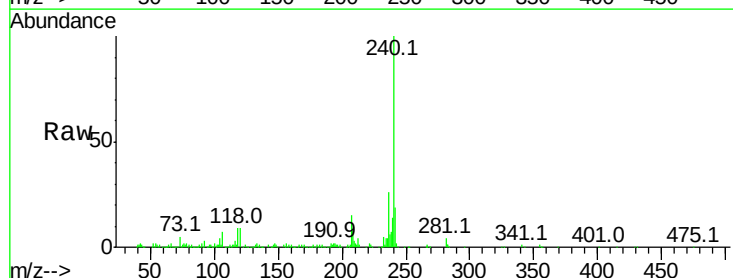
Instrument :
BNA_M
ClientSampleId :
CL-02-071118-A

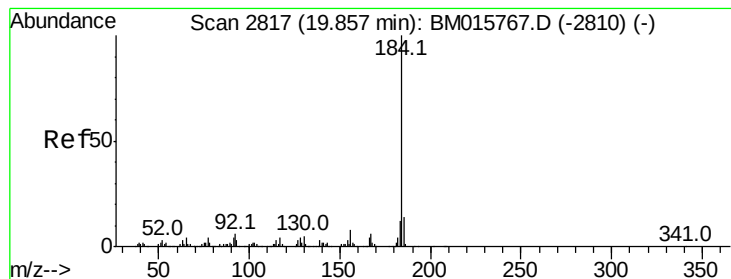
Tot Ion:188 Resp: 337478
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 9.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Tgt Ion:240 Resp: 313508
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.2
236 26.1 20.0 30.0





#76

Benzidine

Concen: 16.173 ng

RT: 19.84 min Scan# 2814

Delta R.T. -0.02 min

Lab File: BM015931.D

Acq: 13 Jul 2018 01:01

Instrument :

BNA_M

ClientSampleId :

CL-02-071118-A

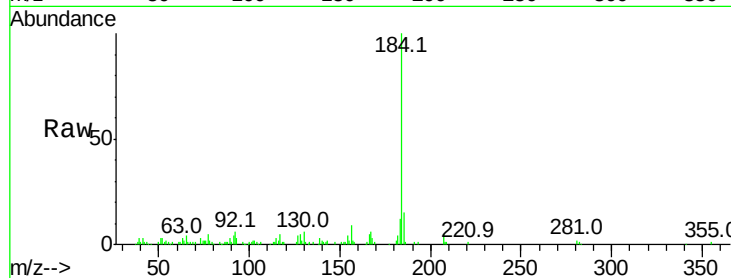
Tot Ion:184 Resp: 148555

Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

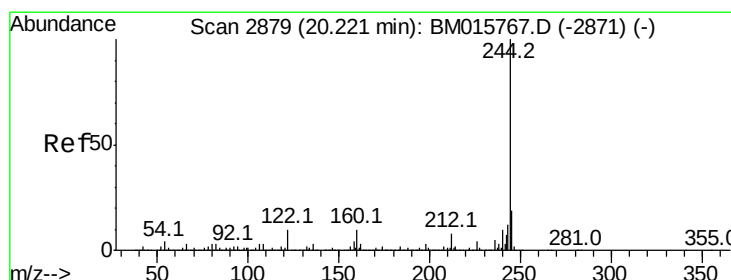
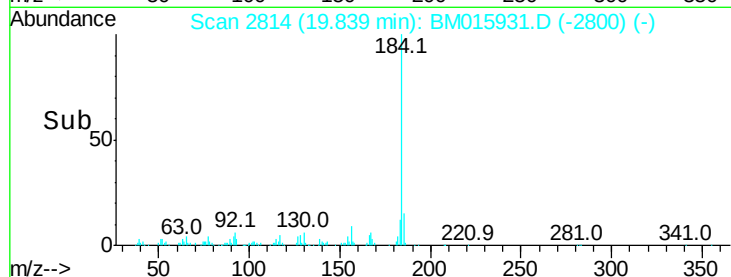
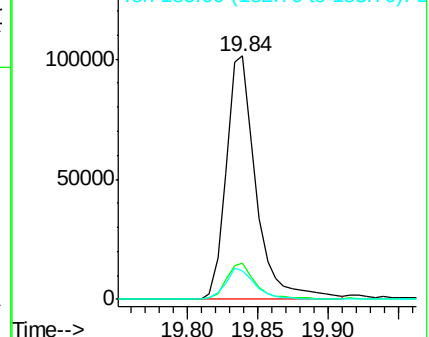
183 11.9 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: Below ng

RT: 20.20 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BM015931.D

Acq: 13 Jul 2018 01:01

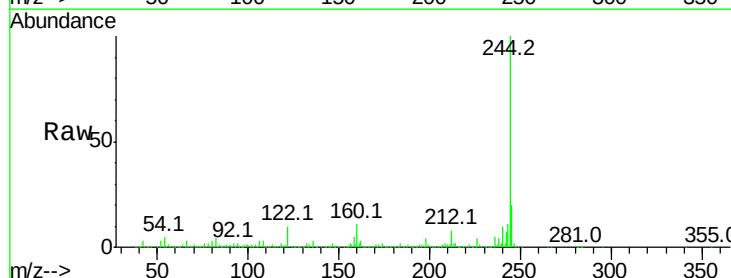
Tgt Ion:244 Resp: 2001166

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

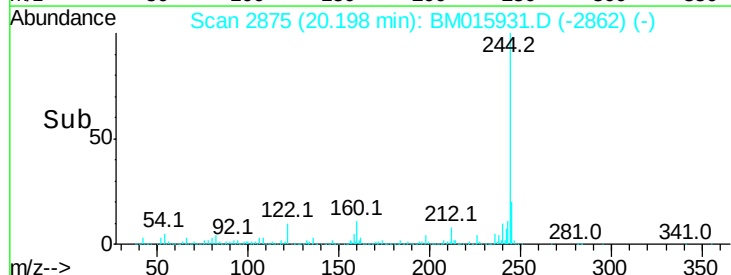
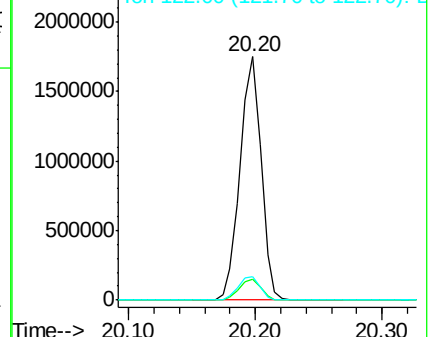
122 9.6 6.2 9.4#

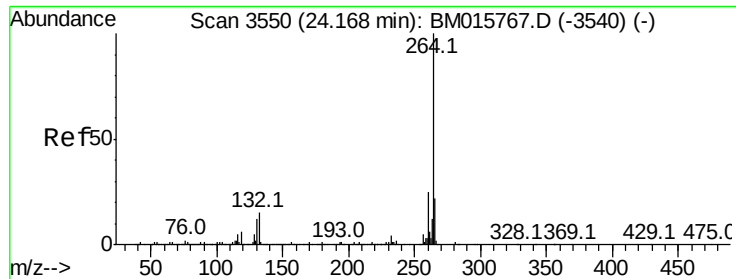


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.13 min Scan# 3544
Delta R.T. -0.04 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Instrument :
BNA_M
ClientSampleId :
CL-02-071118-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	22.5	17.3	25.9

