

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
 Data File : BM015925.D
 Acq On : 12 Jul 2018 21:20
 Operator : SJ/JU
 Sample : J3952-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 12 23:07:31 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

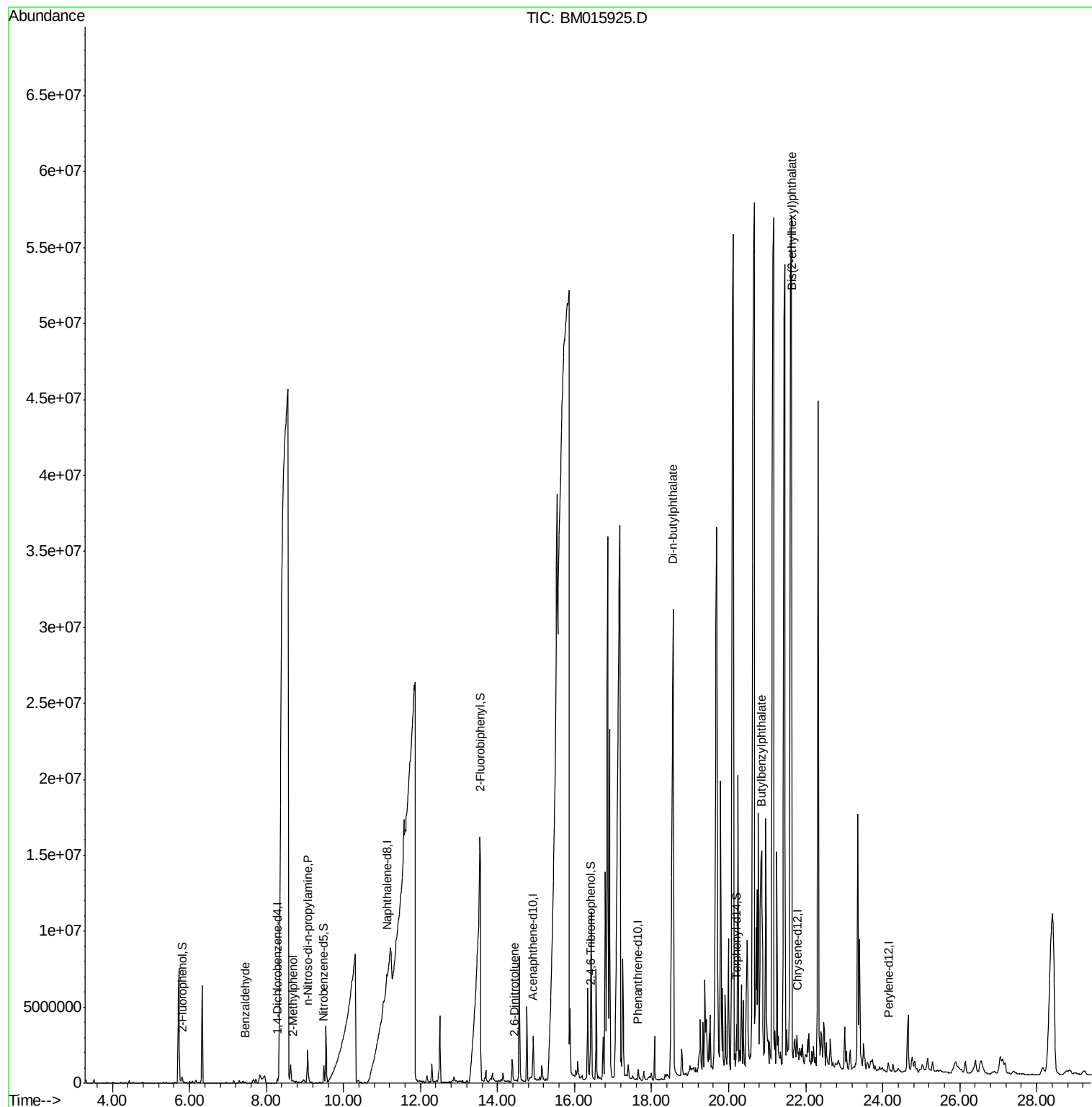
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	64745	20.00	ng	-0.03
21) Naphthalene-d8	11.12	136	377254	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	173667	20.00	ng	-0.02
63) Phenanthrene-d10	17.65	188	362062	20.00	ng	0.00
75) Chrysene-d12	21.77	240	401109	20.00	ng	0.00
86) Perylene-d12	24.14	264	390550	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	140557	37.23	ng	0.00
7) Phenol-d6	7.47	99	1614	0.31	ng	0.01
23) Nitrobenzene-d5	9.49	82	523130	67.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.41	330	190208	83.82	ng	0.00
44) 2-Fluorobiphenyl	13.54	172	1490669	106.56	ng	-0.02
78) Terphenyl-d14	20.21	244	1045165	48.33	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.45	77	11100	3.407	ng	# 72
17) 2-Methylphenol	8.68	107	20085	5.582	ng	# 1
19) n-Nitroso-di-n-propylamine	9.07	70	249594	60.089	ng	# 40
50) 2,6-Dinitrotoluene	14.44	165	6012	2.013	ng	# 37
73) Di-n-butylphthalate	18.56	149	55171	2.159	ng	# 77
79) Butylbenzylphthalate	20.86	149	57122	4.729	ng	# 71
83) Bis(2-ethylhexyl)phthalate	21.64	149	102648	5.752	ng	# 11

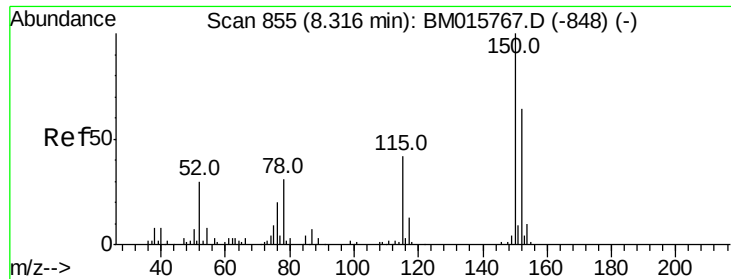
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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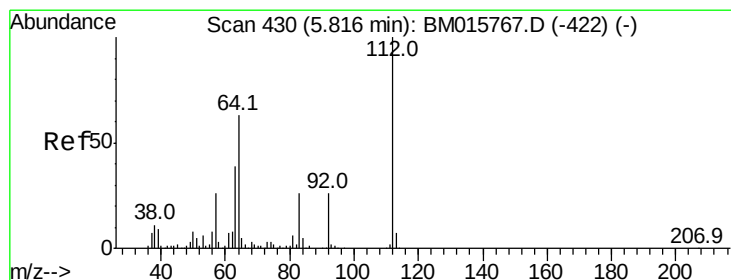
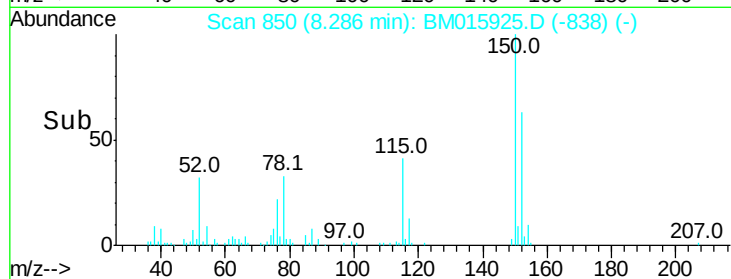
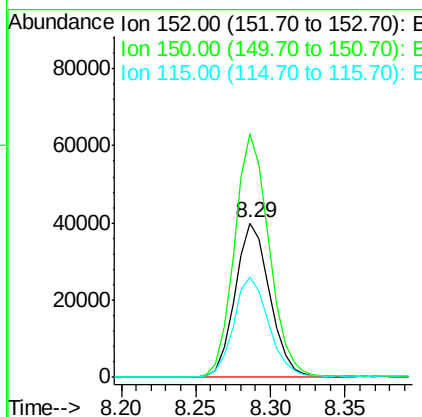
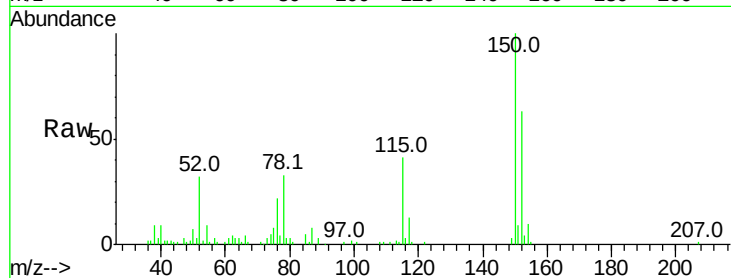


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.03 min
Lab File: BM015925.D
Acq: 12 Jul 2018 21:20

Instrument :
BNA_M
ClientSampleId :

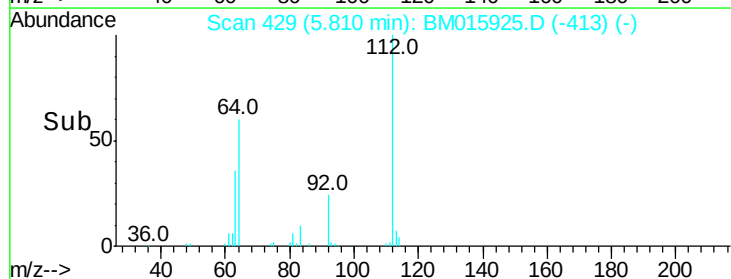
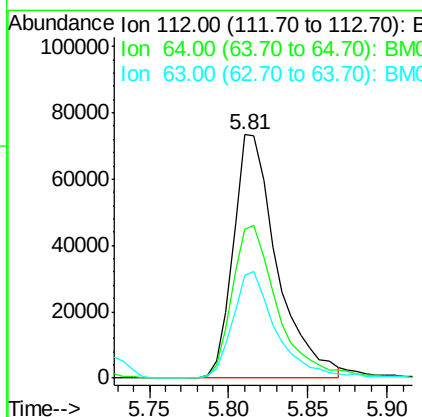
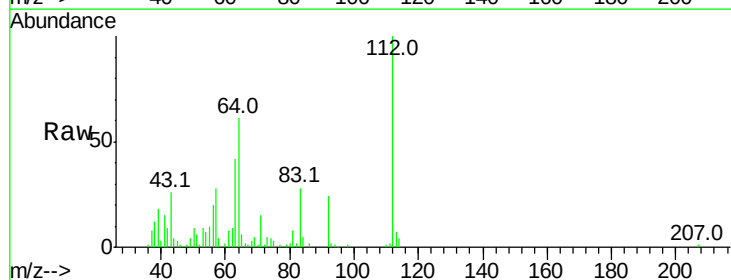
Tot Ion:152 Resp: 64745
Ion Ratio Lower Upper
152 100
150 157.9 119.5 179.3
115 65.4 43.0 64.4#

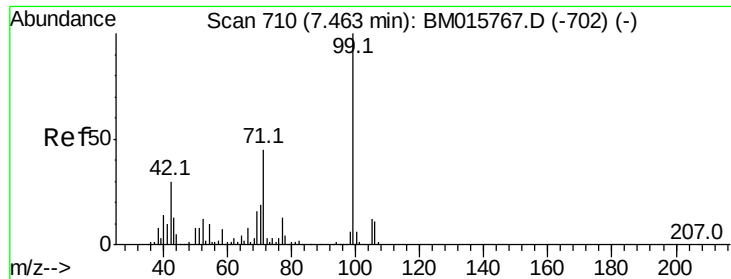


#5

2-Fluorophenol
Concen: Below ng
RT: 5.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BM015925.D
Acq: 12 Jul 2018 21:20

Tgt Ion:112 Resp: 140557
Ion Ratio Lower Upper
112 100
64 61.1 38.6 57.8#
63 42.1 19.3 28.9#





#7

Phenol-d6

Concen: N.D. na

RT: 7.47 min Scan# 712

Delta R.T. 0.01 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

Instrument :

BNA_M

ClientSampleId :

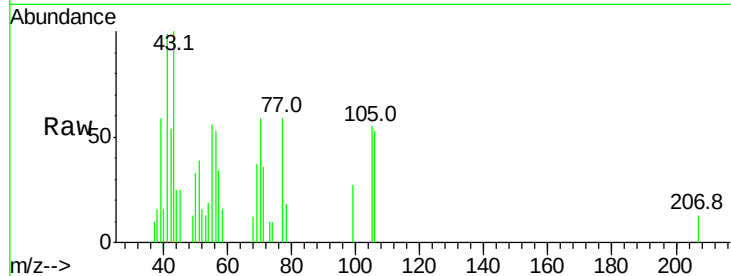
Tot Ion: 99 Resp: 1614

Ion Ratio Lower Upper

99 100

42 204.8 11.0 16.4#

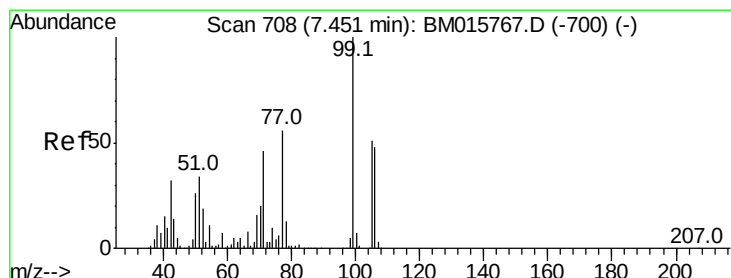
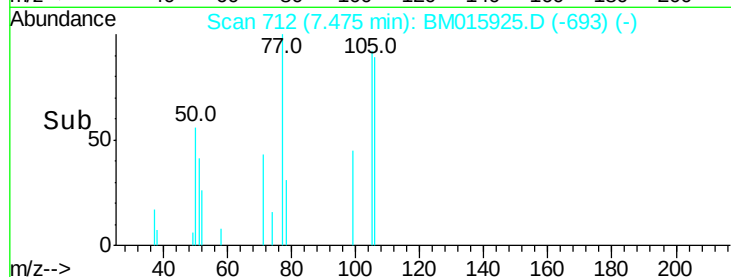
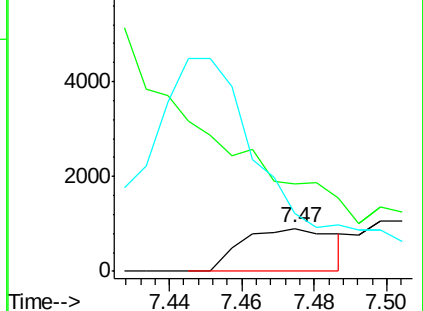
71 134.1 23.4 35.2#



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) (-)



#9

Benzaldehyde

Concen: 3.407 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.00 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

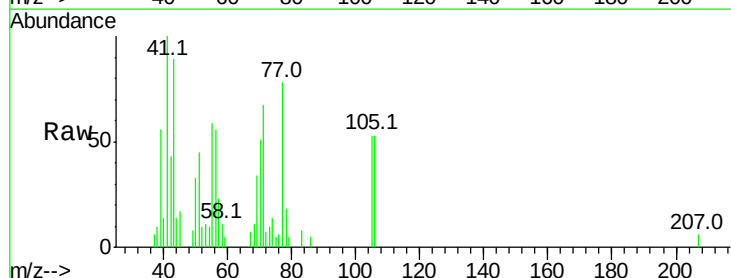
Tgt Ion: 77 Resp: 11100

Ion Ratio Lower Upper

77 100

105 68.9 78.8 118.8#

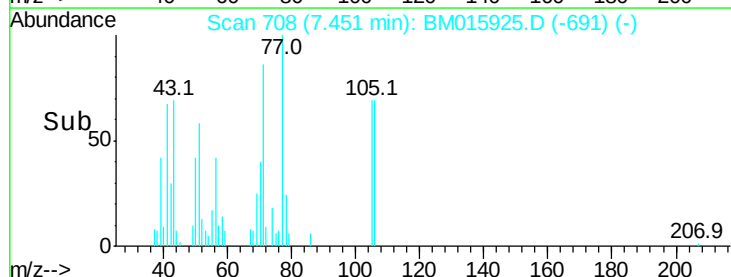
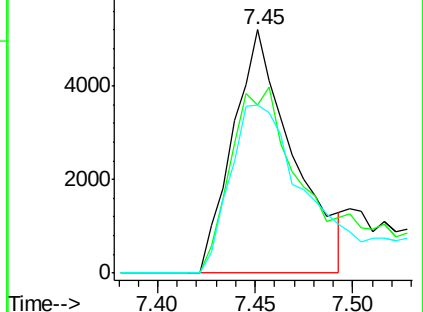
106 68.9 73.7 113.7#

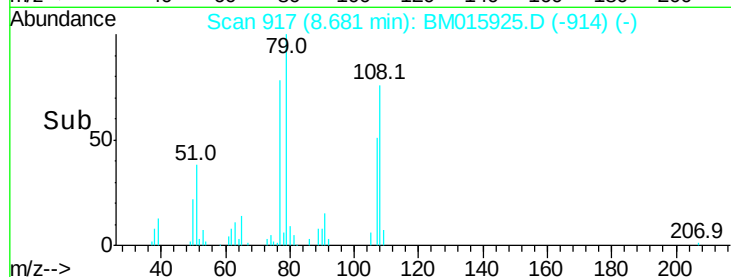
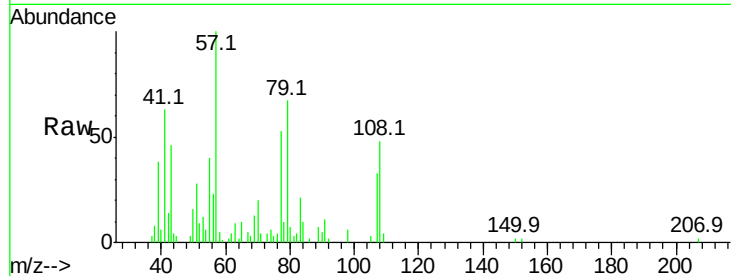
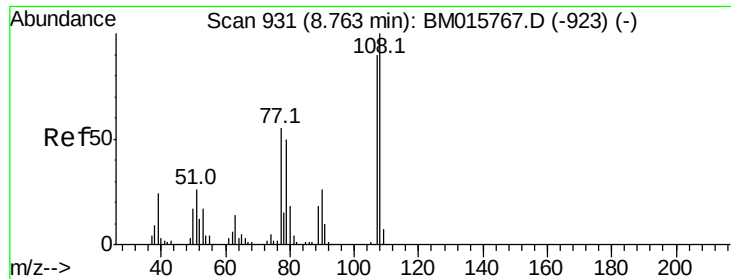


Abundance Ion 77.00 (76.70 to 77.70): BM015767.D (-700) (-)

Ion 105.00 (104.70 to 105.70): BM015767.D (-700) (-)

Ion 106.00 (105.70 to 106.70): BM015767.D (-700) (-)

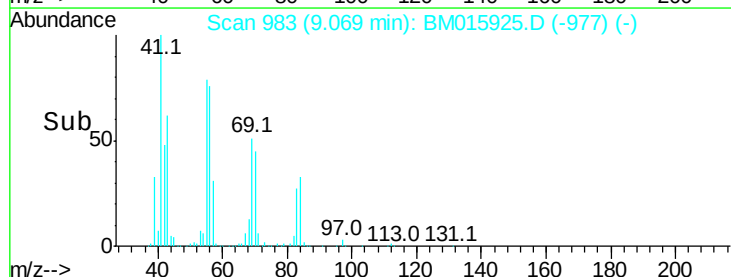
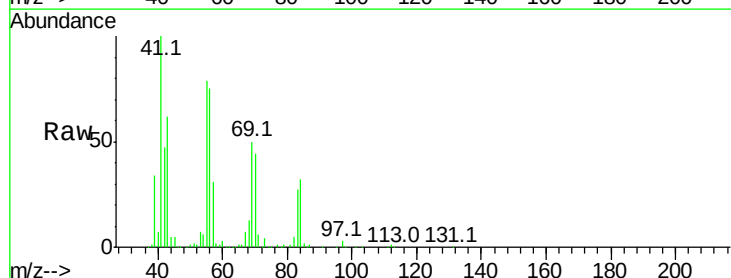
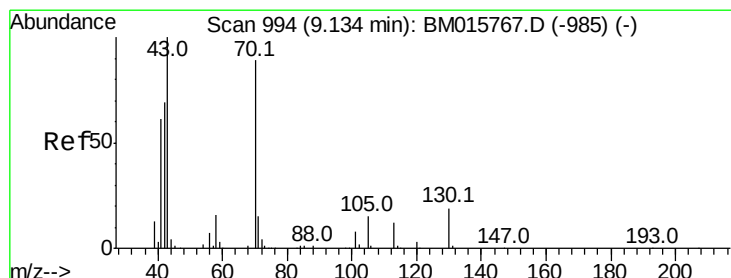
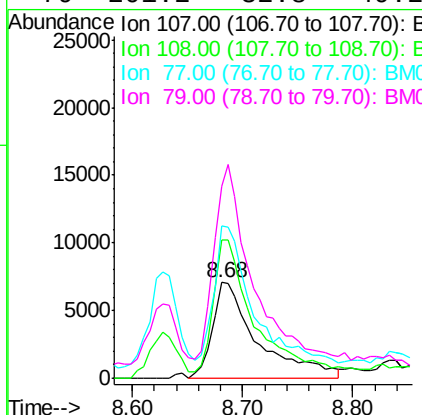




#17
2-Methylphenol
Concen: 5.582 ng
RT: 8.68 min Scan# 917
Delta R.T. -0.08 min
Lab File: BM015925.D
Acq: 12 Jul 2018 21:20

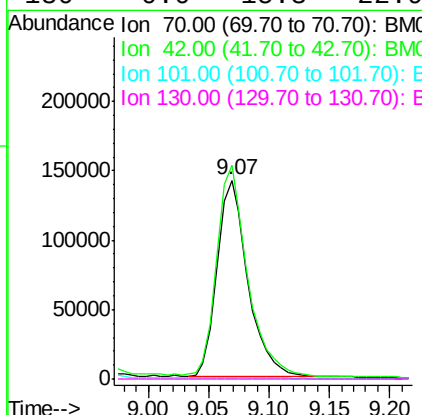
Instrument :
BNA_M
ClientSampled :

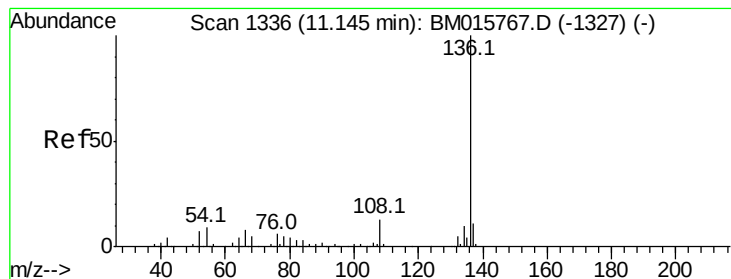
Tot Ion:	107	Resp:	20085
Ion	Ratio	Lower	Upper
107	100		
108	144.7	89.8	134.8#
77	159.1	32.6	48.8#
79	201.2	32.8	49.2#



#19
n-Nitroso-di-n-propylamine
Concen: 60.089 ng
RT: 9.07 min Scan# 983
Delta R.T. -0.06 min
Lab File: BM015925.D
Acq: 12 Jul 2018 21:20

Tgt Ion:	70	Resp:	249594
Ion	Ratio	Lower	Upper
70	100		
42	107.6	44.5	66.7#
101	0.5	7.4	11.2#
130	0.0	15.3	22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 377254

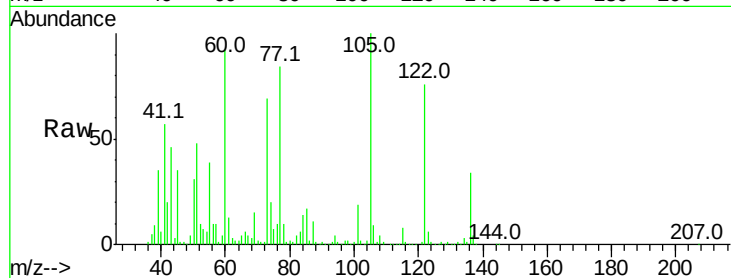
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 16.4 4.6 6.8#

68 9.5 3.7 5.5#

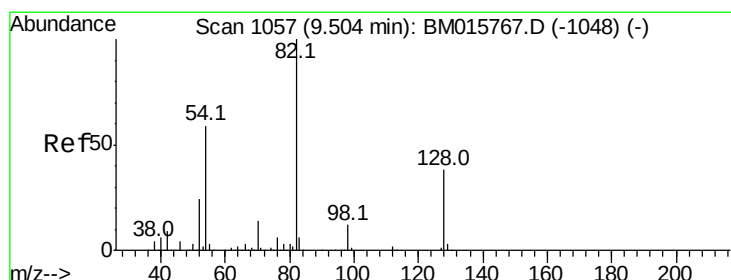
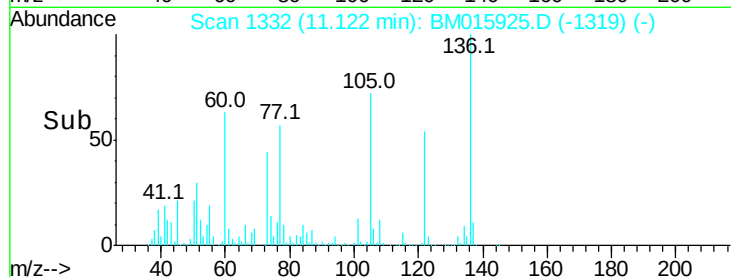
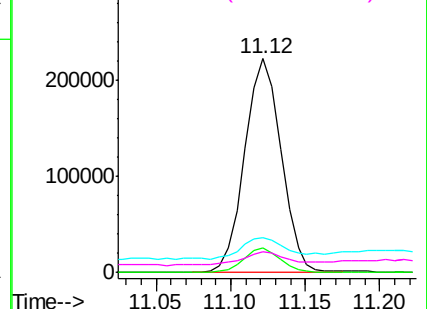


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: Below ng

RT: 9.49 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

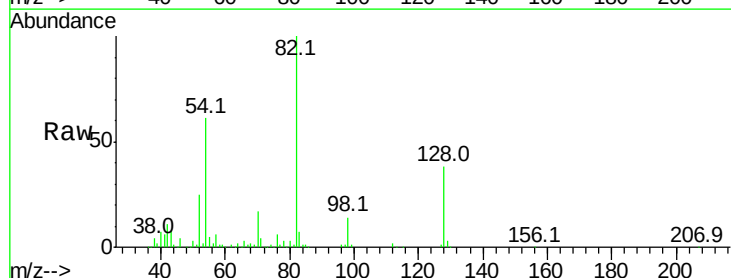
Tgt Ion: 82 Resp: 523130

Ion Ratio Lower Upper

82 100

128 37.5 32.8 49.2

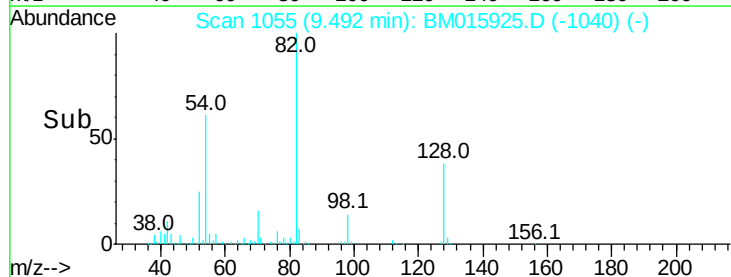
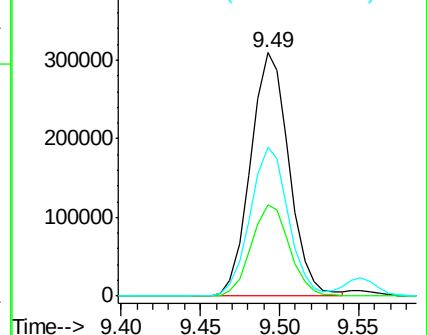
54 61.3 40.6 60.8#

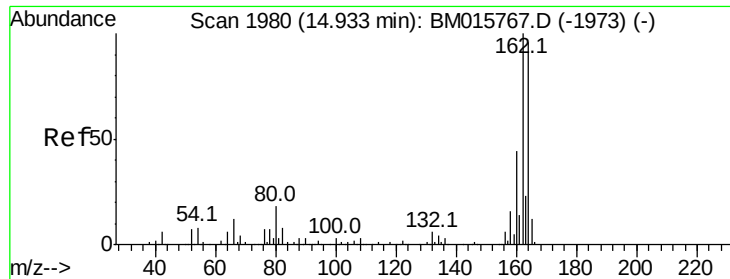


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

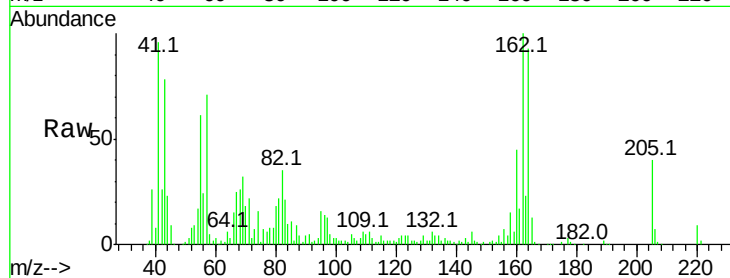




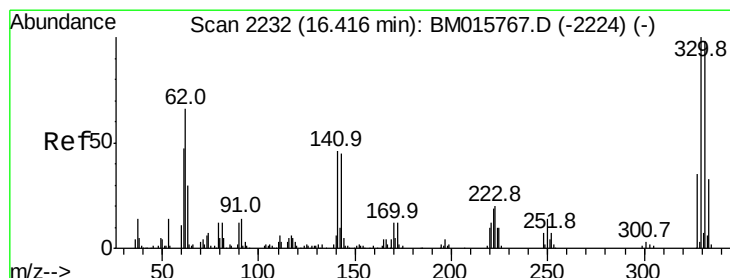
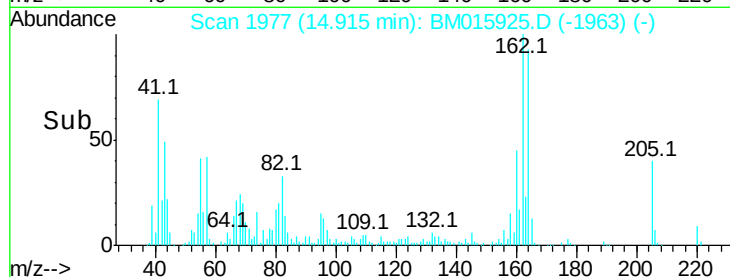
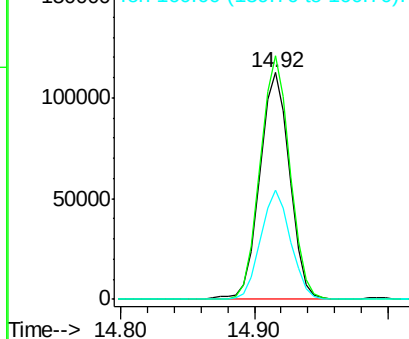
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1977
 Delta R.T. -0.02 min
 Lab File: BM015925.D
 Acq: 12 Jul 2018 21:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:164 Resp: 173667
 Ion Ratio Lower Upper
 164 100
 162 107.5 82.4 123.6
 160 48.3 35.8 53.6

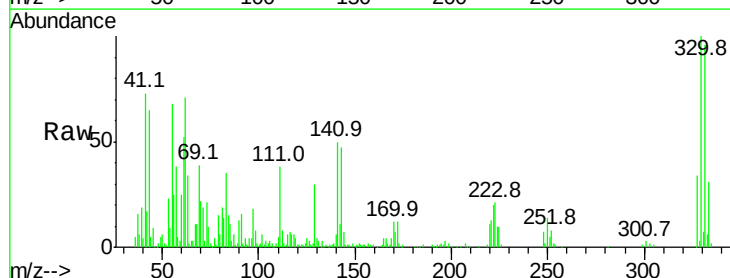


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

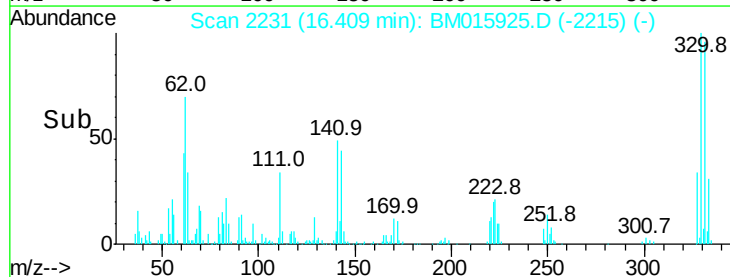
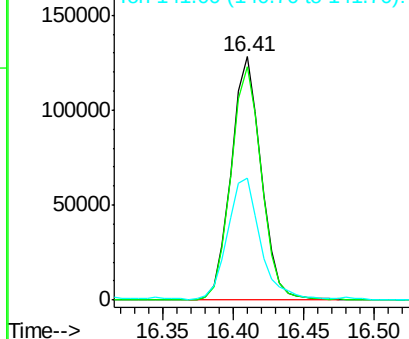


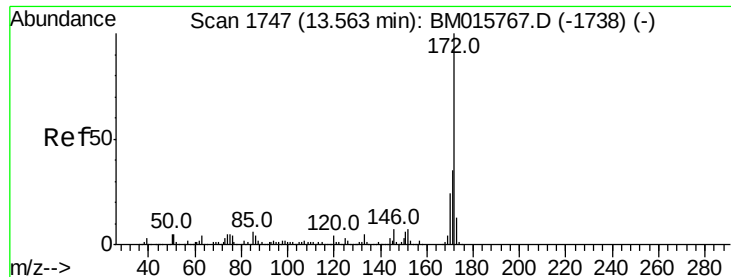
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015925.D
 Acq: 12 Jul 2018 21:20

Tgt Ion:330 Resp: 190208
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 53.4 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



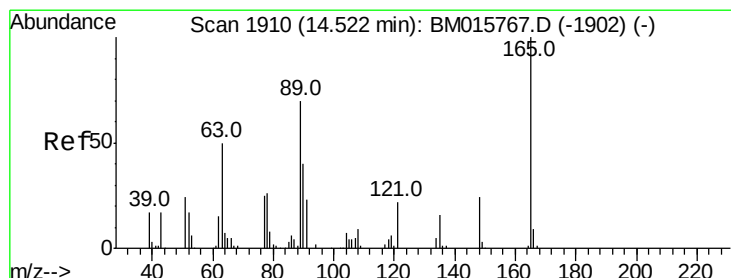
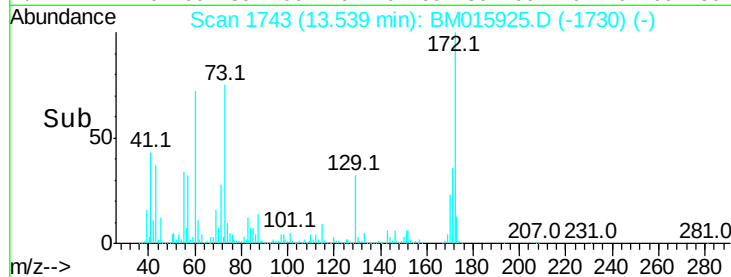
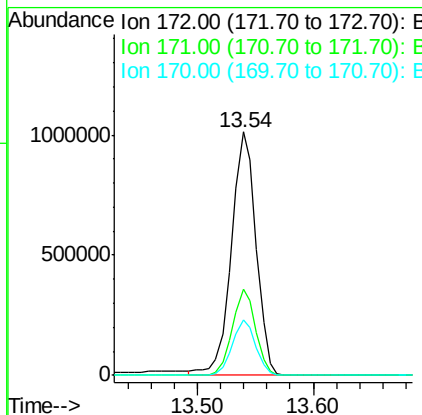
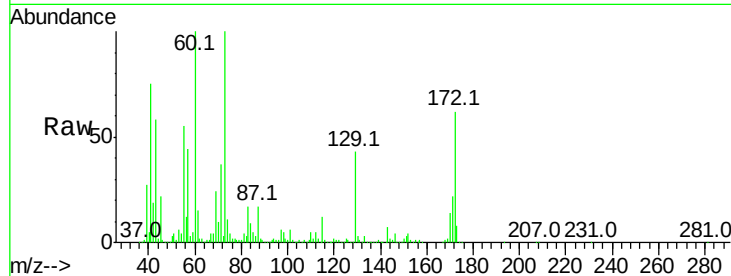


#44
 2-Fluorobiphenyl
 Concen: Below na
 RT: 13.54 min Scan# 1743
 Delta R.T. -0.02 min
 Lab File: BM015925.D
 Acq: 12 Jul 2018 21:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1490669

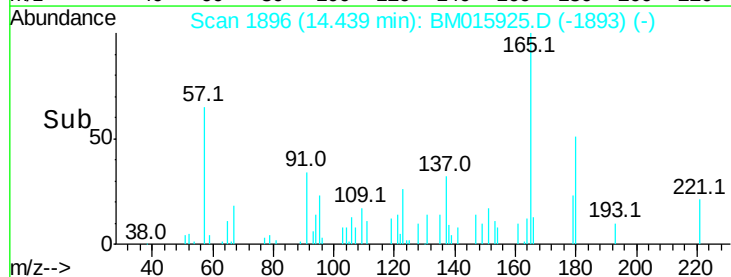
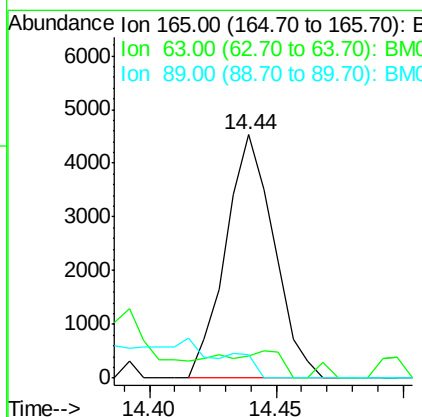
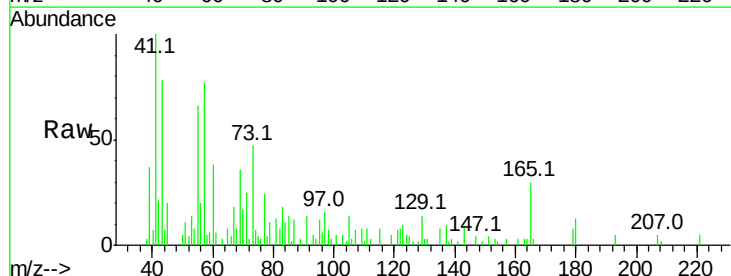
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.0	18.8	28.2

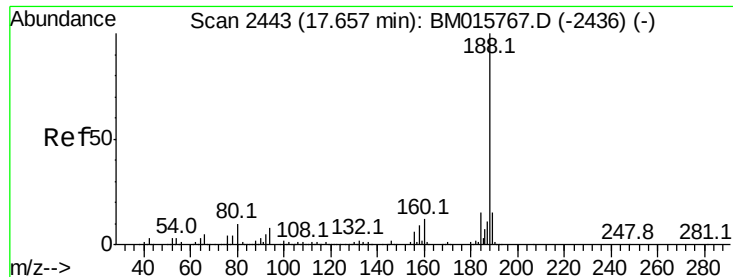


#50
 2,6-Dinitrotoluene
 Concen: 2.013 ng
 RT: 14.44 min Scan# 1896
 Delta R.T. -0.08 min
 Lab File: BM015925.D
 Acq: 12 Jul 2018 21:20

Tgt Ion:165 Resp: 6012

Ion	Ratio	Lower	Upper
165	100		
63	9.0	44.1	66.1#
89	9.7	44.3	66.5#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

Instrument :

BNA_M

ClientSampleId :

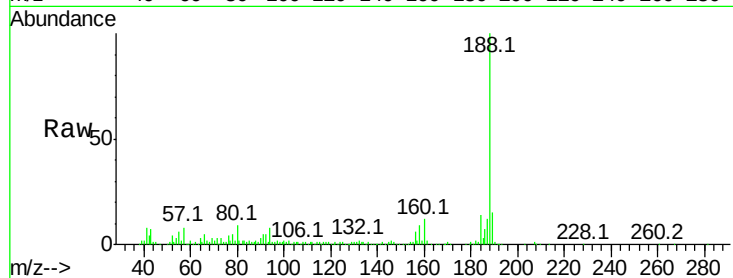
Tot Ion:188 Resp: 362062

Ion Ratio Lower Upper

188 100

94 7.8 8.7 13.1#

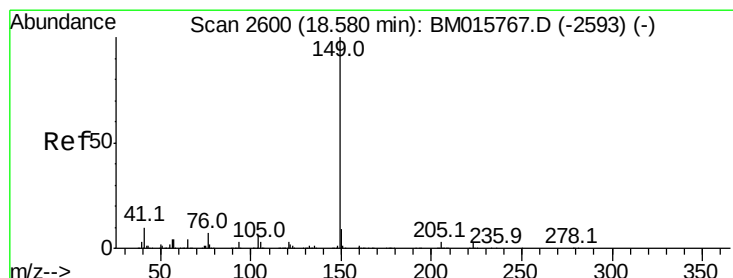
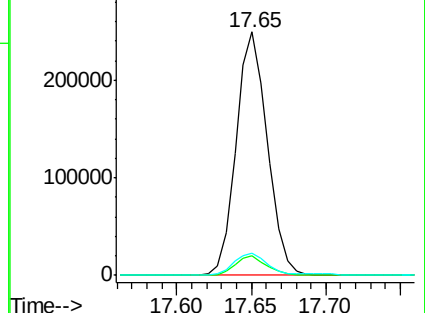
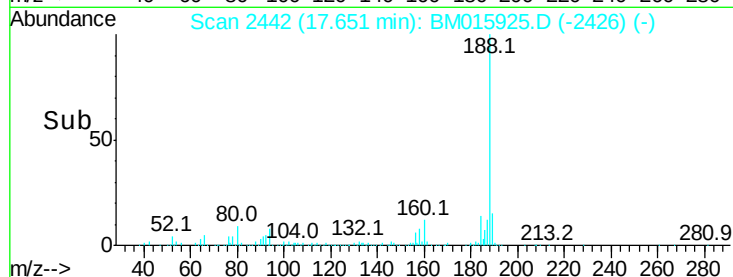
80 9.2 9.3 13.9#



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



#73

Di-n-butylphthalate

Concen: 2.159 ng

RT: 18.56 min Scan# 2597

Delta R.T. -0.02 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

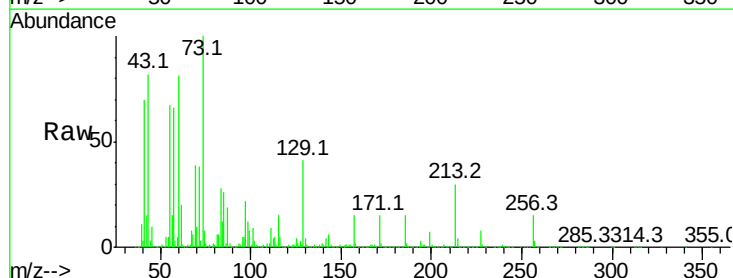
Tgt Ion:149 Resp: 55171

Ion Ratio Lower Upper

149 100

150 18.4 7.5 11.3#

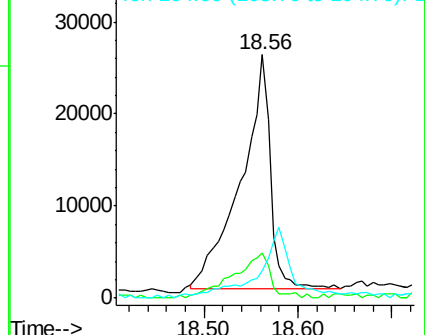
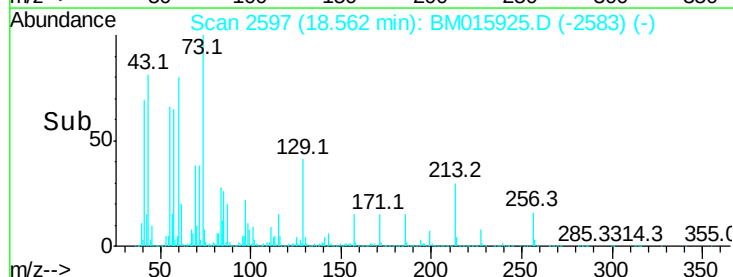
104 11.4 3.7 5.5#

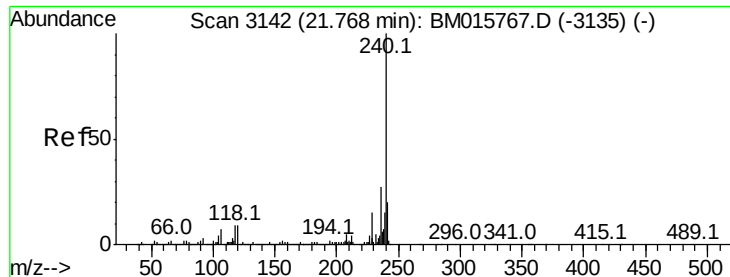


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BM015925.D

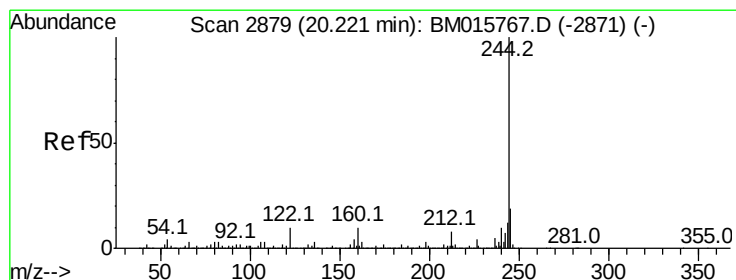
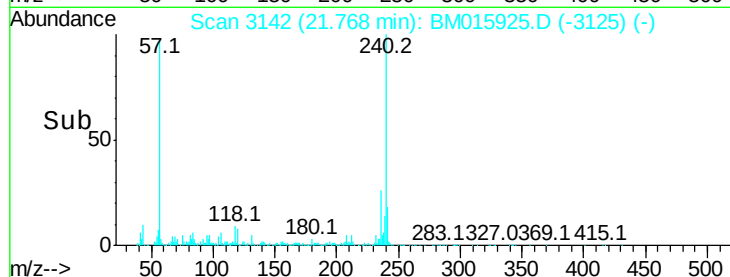
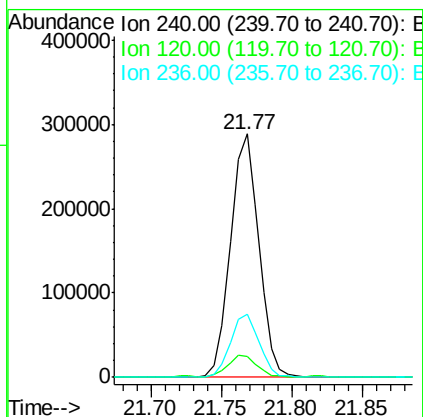
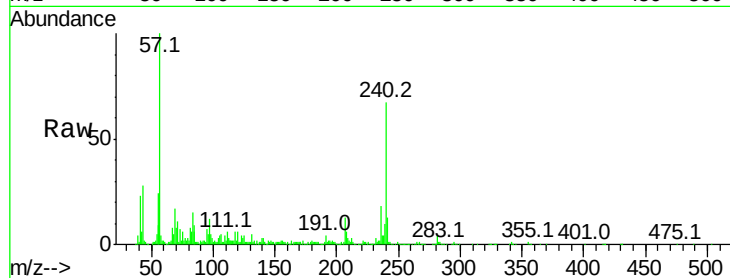
Acq: 12 Jul 2018 21:20

Instrument :

BNA_M

ClientSampleId :

Tot Ion:240	Resp:	401109
Ion Ratio	Lower	Upper
240	100	
120	8.7	8.2 12.2
236	26.1	20.0 30.0



#78

Terphenyl-d14

Concen: Below ng

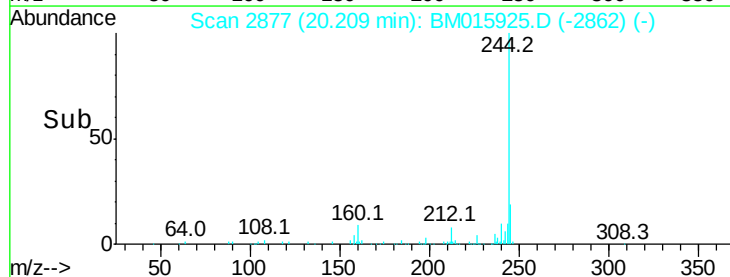
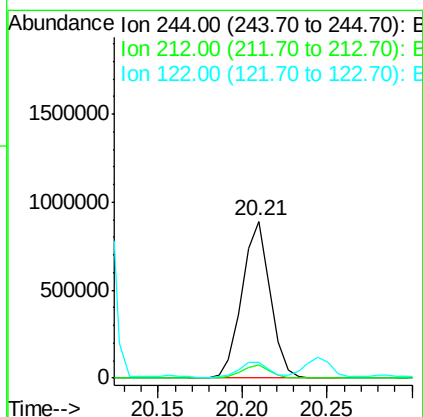
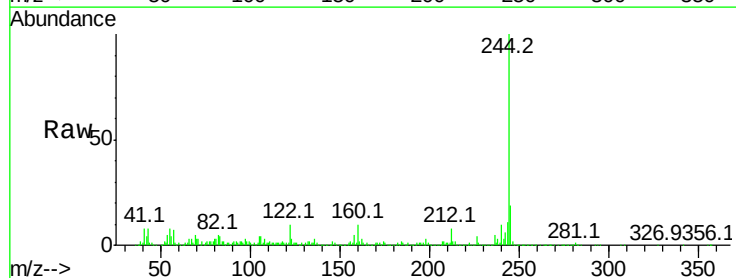
RT: 20.21 min Scan# 2877

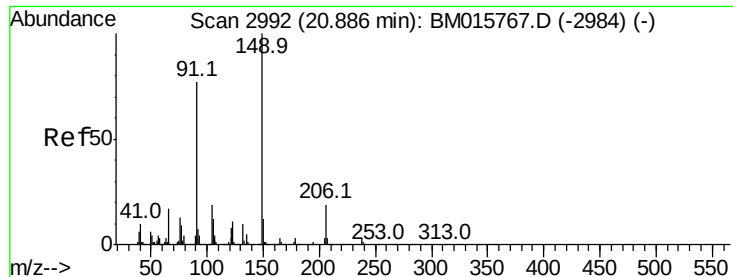
Delta R.T. -0.01 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

Tgt Ion:244	Resp:	1045165
Ion Ratio	Lower	Upper
244	100	
212	8.1	4.9 7.3#
122	9.7	6.2 9.4#

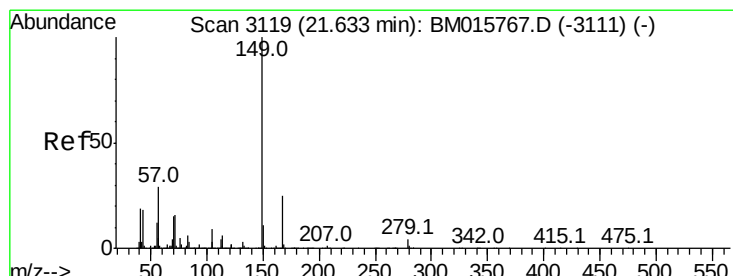
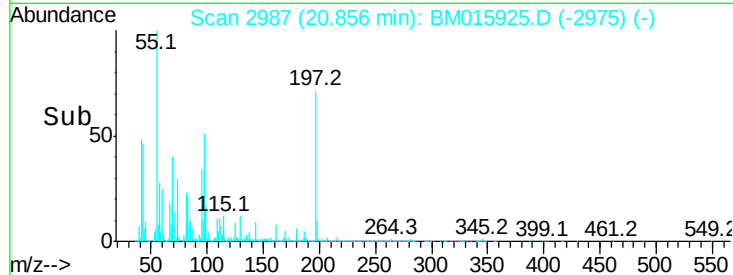
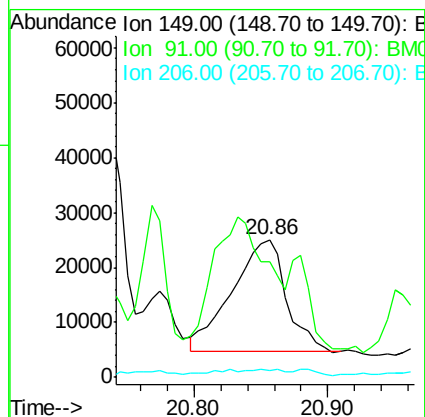
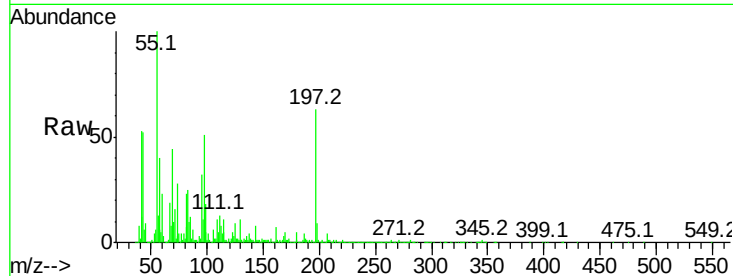




#79
 Butylbenzylphthalate
 Concen: 4.729 ng
 RT: 20.86 min Scan# 2987
 Delta R.T. -0.03 min
 Lab File: BM015925.D
 Acq: 12 Jul 2018 21:20

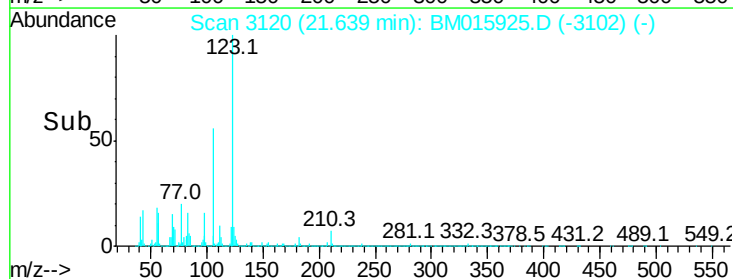
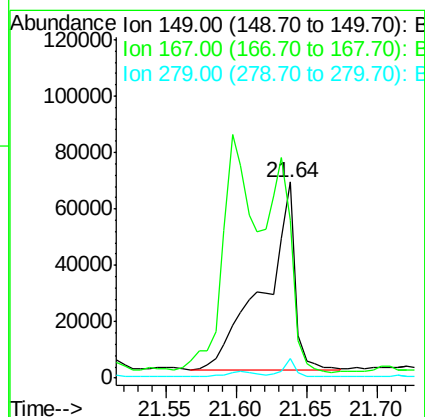
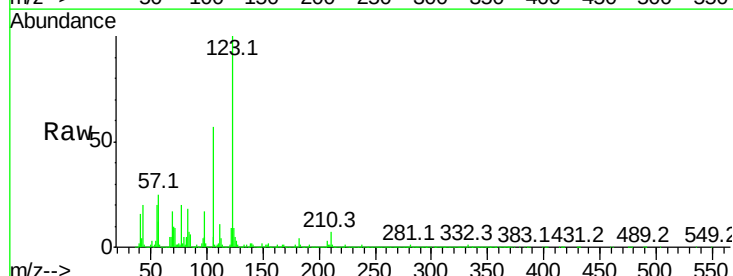
Instrument :
 BNA_M
 ClientSampled :

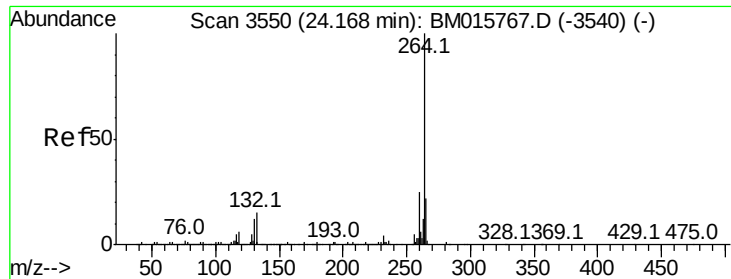
Tot Ion:149 Resp: 57122
 Ion Ratio Lower Upper
 149 100
 91 84.3 50.1 75.1#
 206 5.1 16.2 24.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.752 ng
 RT: 21.64 min Scan# 3120
 Delta R.T. 0.01 min
 Lab File: BM015925.D
 Acq: 12 Jul 2018 21:20

Tgt Ion:149 Resp: 102648
 Ion Ratio Lower Upper
 149 100
 167 80.6 22.4 33.6#
 279 9.8 3.4 5.0#

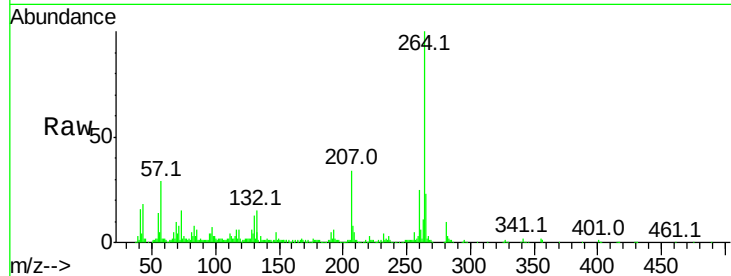




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.14 min Scan# 3546
Delta R.T. -0.02 min
Lab File: BM015925.D
Acq: 12 Jul 2018 21:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	22.7	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

