

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017206.D
 Acq On : 18 Oct 2018 23:09
 Operator : MJ/SJ
 Sample : J5573-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0692-KM-CA-AMD-COMP

Quant Time: Oct 19 13:52:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	290514	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1216714	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	709407	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1554916	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1507812	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1432509	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	839803	48.89	ng	0.00
7) Phenol-d6	6.85	99	673926	28.81	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1668661	80.21	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1114415	116.16	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4025653	75.50	ng	0.00
79) Terphenyl-d14	19.70	244	5306938	79.33	ng	0.00

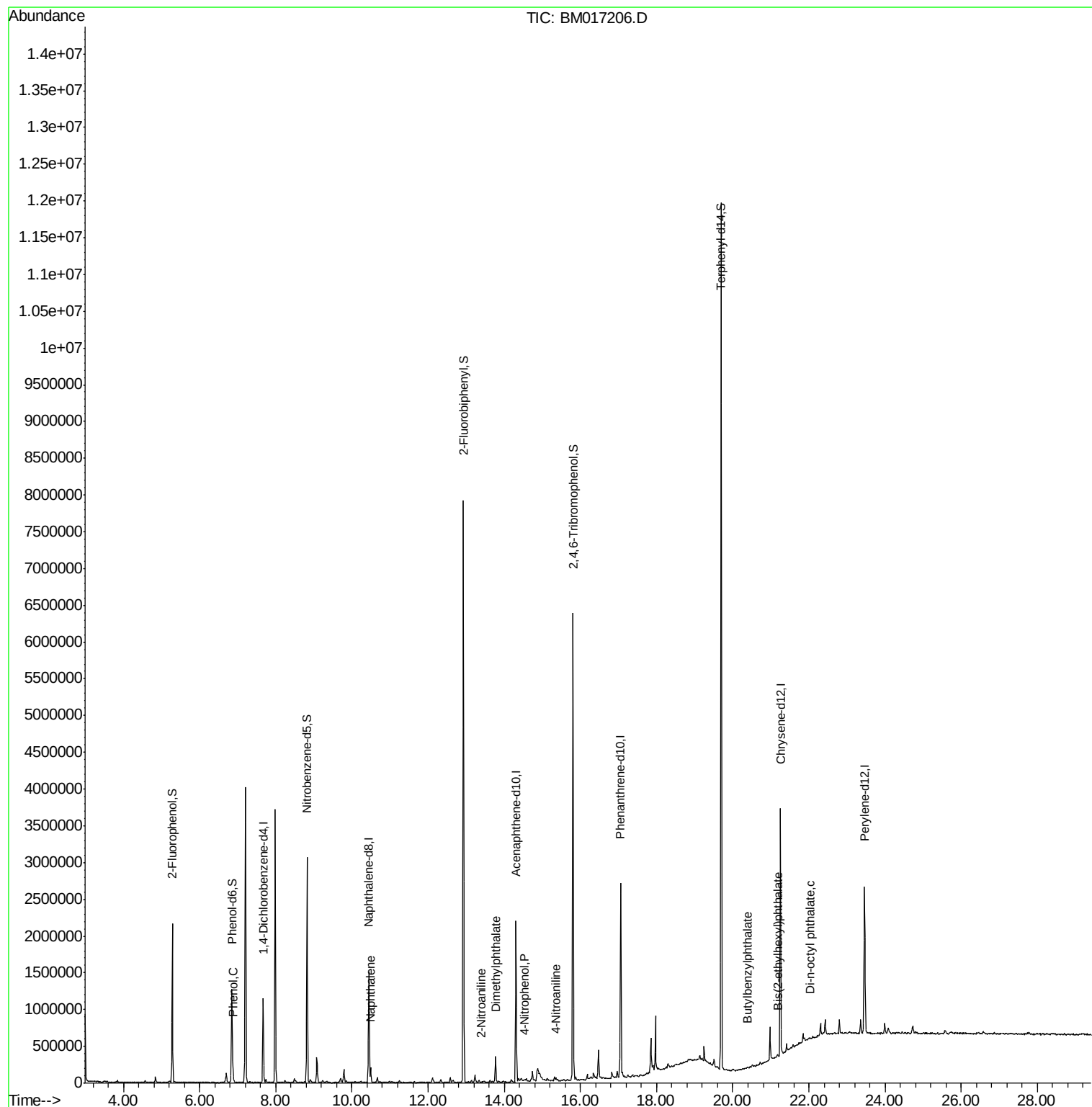
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.87	94	101249	4.021	ng	94
31) Naphthalene	10.49	128	160486	2.692	ng	99
48) 2-Nitroaniline	13.39	65	277	5.706	ng	# 5
50) Dimethylphthalate	13.77	163	227162	4.151	ng	99
56) 4-Nitrophenol	14.54	139	181	4.731	ng	# 1
62) 4-Nitroaniline	15.36	138	127	4.763	ng	# 18
80) Butylbenzylphthalate	20.40	149	1207	7.208	ng	# 66
84) Bis(2-ethylhexyl)phthalate	21.17	149	9018	5.471	ng	98
85) Di-n-octyl phthalate	22.05	149	2118	5.594	ng	# 57

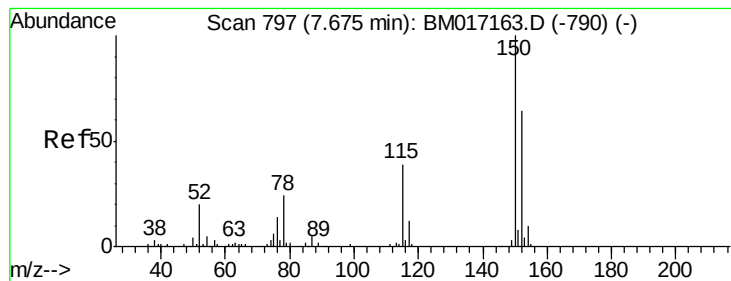
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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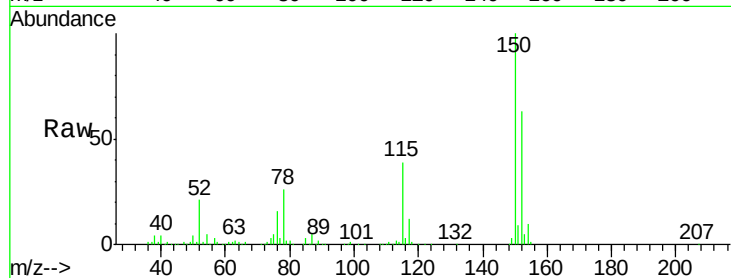


#1

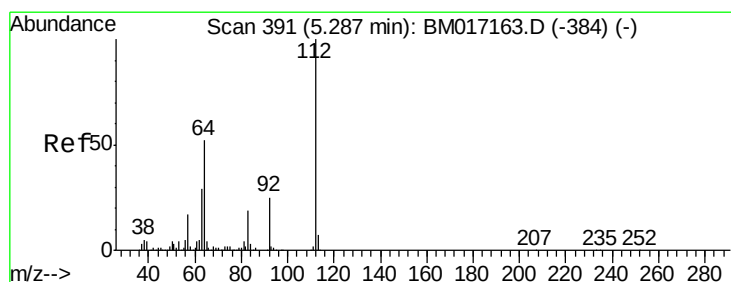
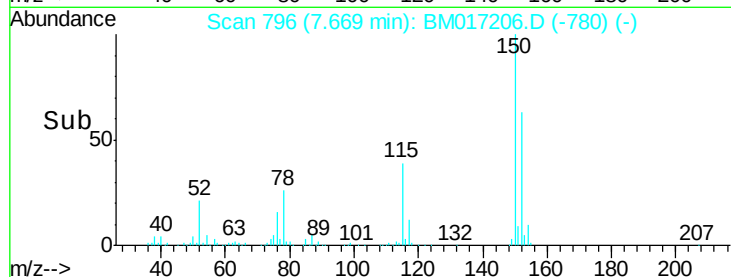
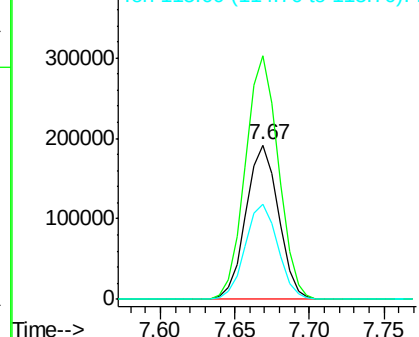
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017206.D
Acq: 18 Oct 2018 23:09

Instrument :
BNA_M
ClientSampleId :
0692-KM-CA-AMD-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.3	186.5
115	61.6	48.1	72.1



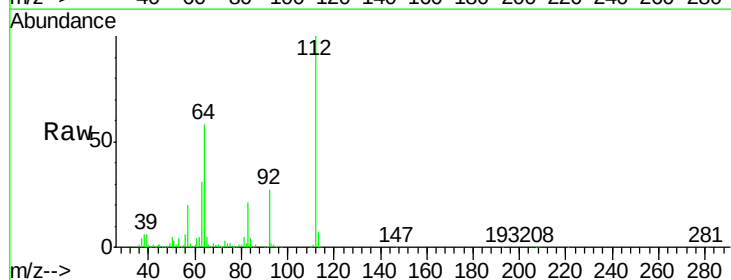
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



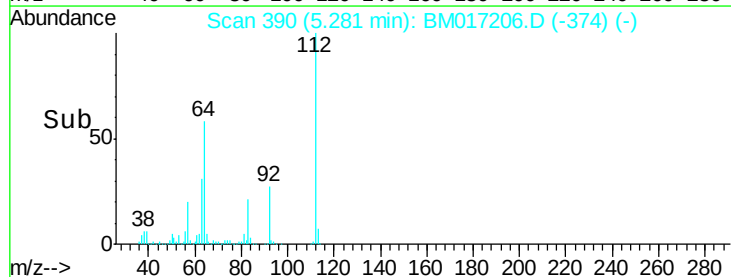
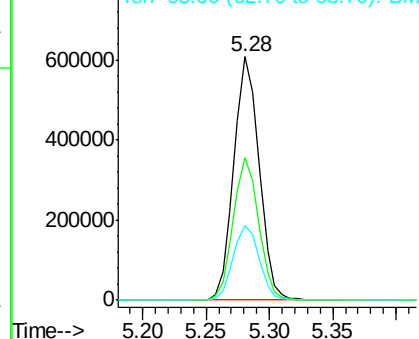
#5

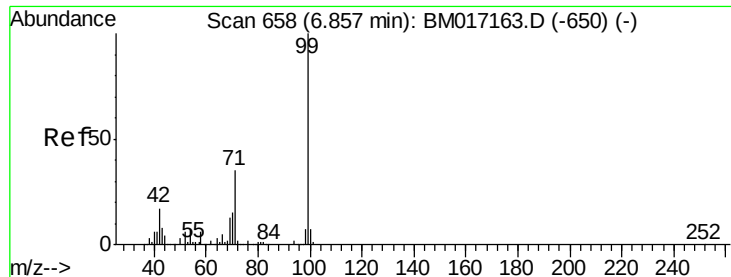
2-Fluorophenol
Concen: 48.892 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017206.D
Acq: 18 Oct 2018 23:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	41.7	62.5
63	30.8	23.0	34.4



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: 28.808 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017206.D

Acq: 18 Oct 2018 23:09

Instrument :

BNA_M

ClientSampleId :

0692-KM-CA-AMD-COMP

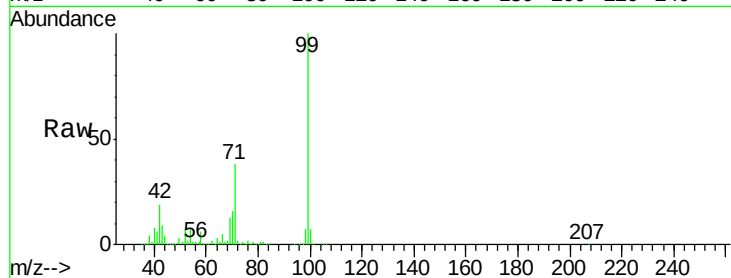
Tgt Ion: 99 Resp: 673926

Ion Ratio Lower Upper

99 100

42 18.6 13.3 19.9

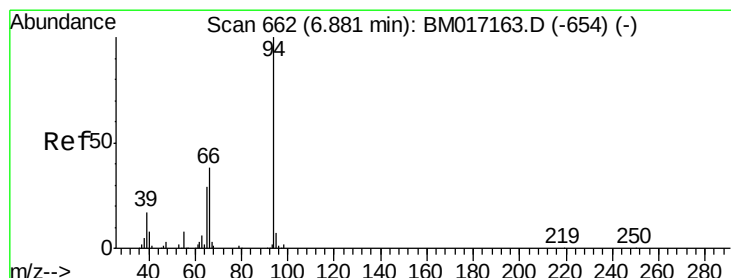
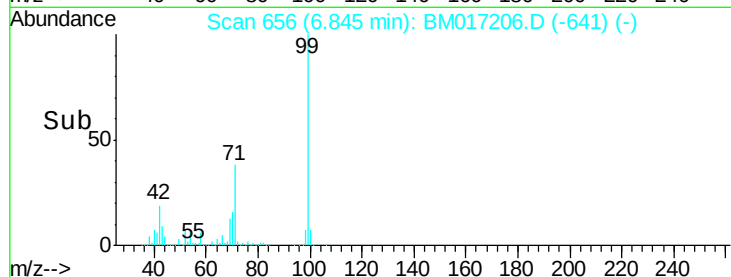
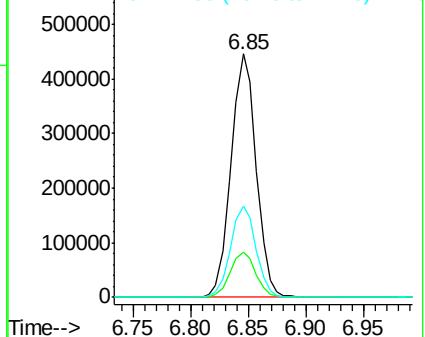
71 37.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#10

Phenol

Concen: 4.021 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017206.D

Acq: 18 Oct 2018 23:09

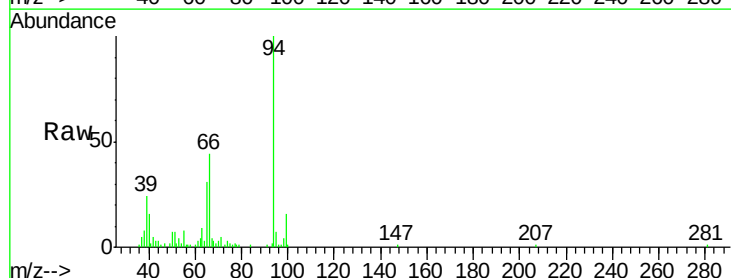
Tgt Ion: 94 Resp: 101249

Ion Ratio Lower Upper

94 100

65 31.0 9.4 49.4

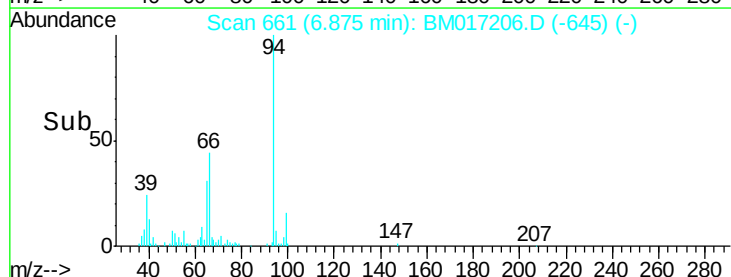
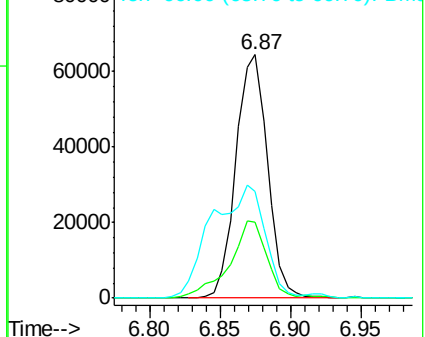
66 43.8 19.0 59.0

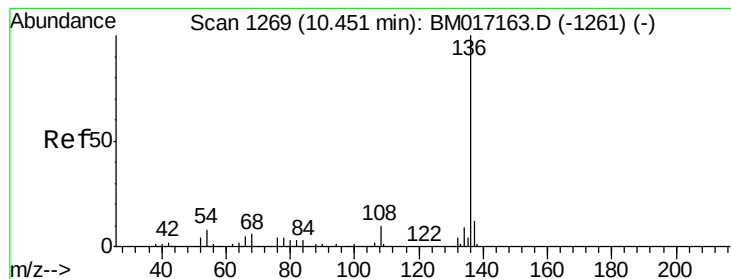


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017206.D

Acq: 18 Oct 2018 23:09

Instrument :

BNA_M

ClientSampleId :

0692-KM-CA-AMD-COMP

Tgt Ion: 136 Resp: 1216714

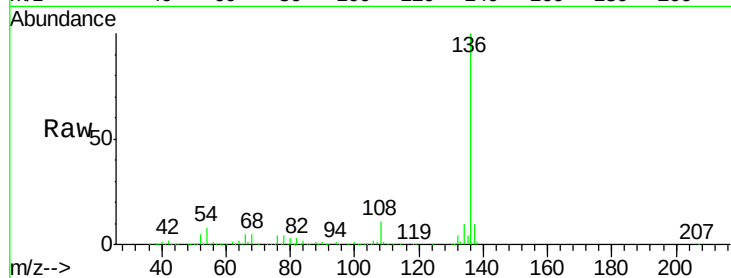
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 7.7 6.7 10.1

68 5.0 4.7 7.1

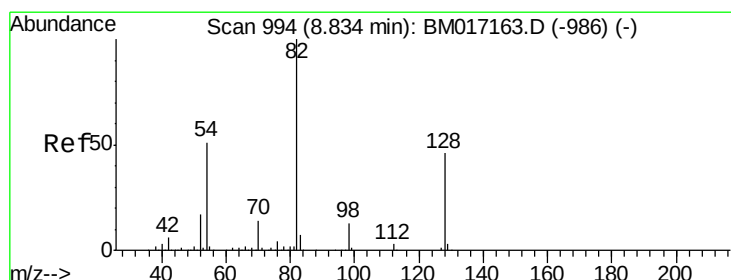
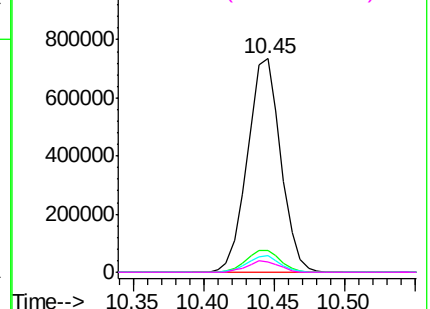
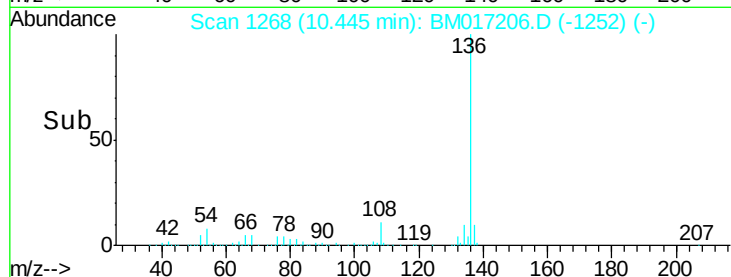


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.210 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM017206.D

Acq: 18 Oct 2018 23:09

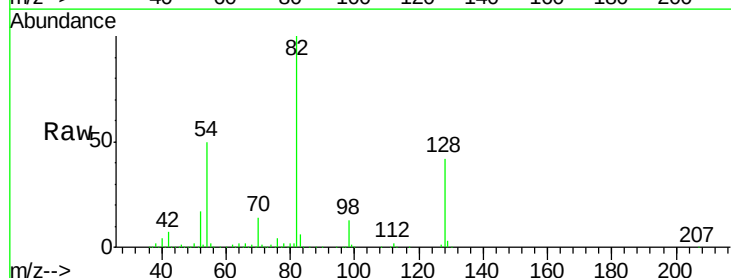
Tgt Ion: 82 Resp: 1668661

Ion Ratio Lower Upper

82 100

128 42.4 37.0 55.6

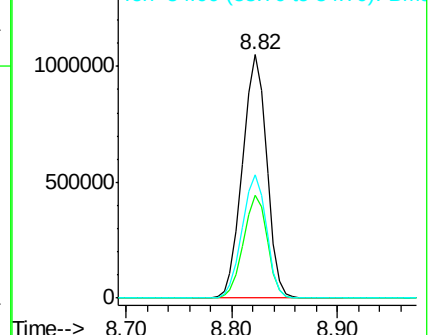
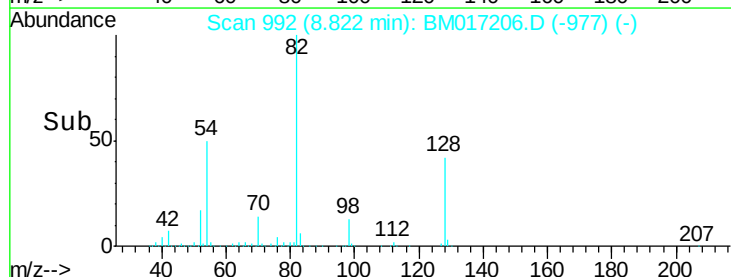
54 50.5 40.7 61.1

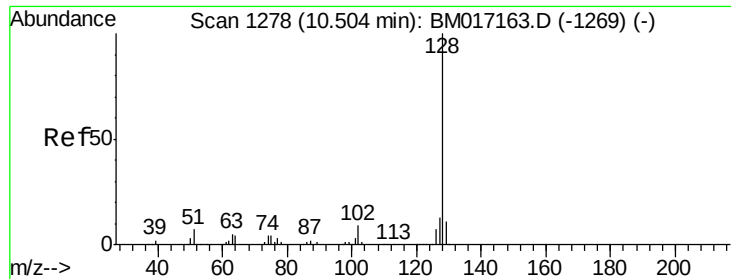


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

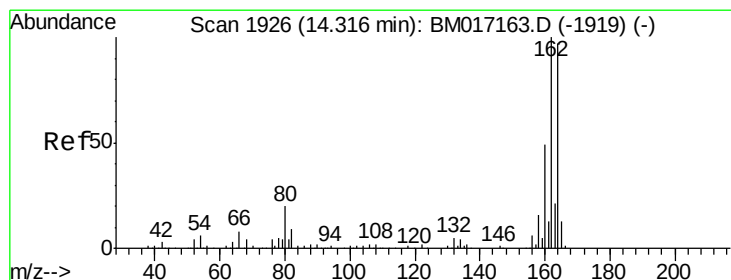
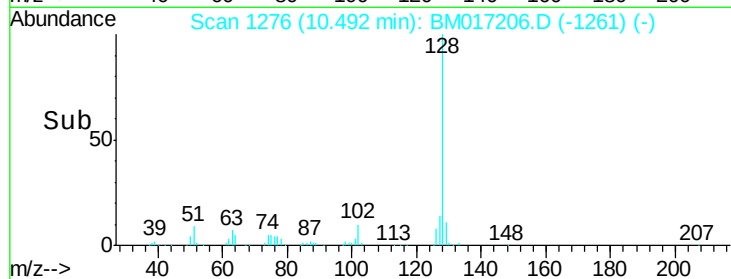
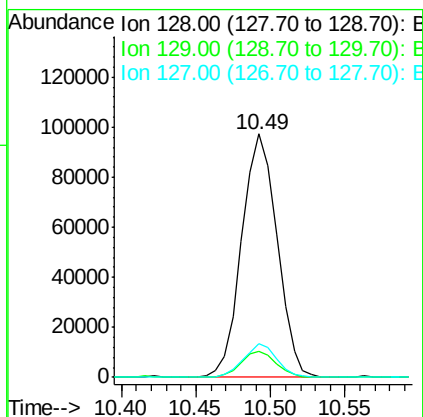
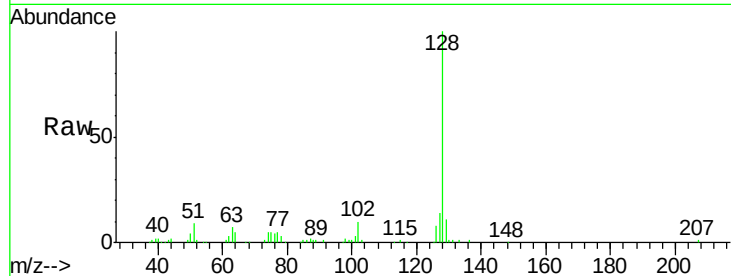




#31
Naphthalene
Concen: 2.692 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017206.D
Acq: 18 Oct 2018 23:09

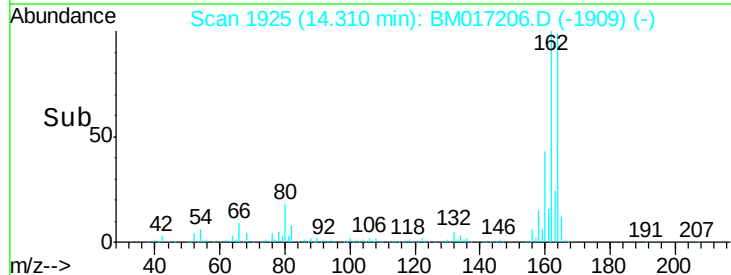
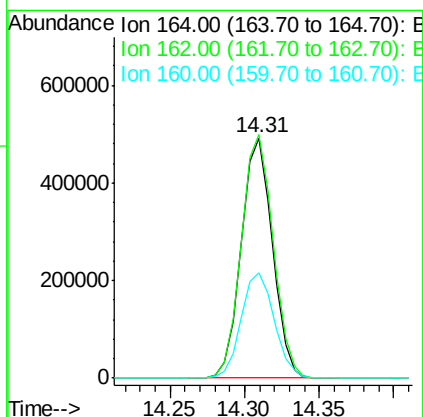
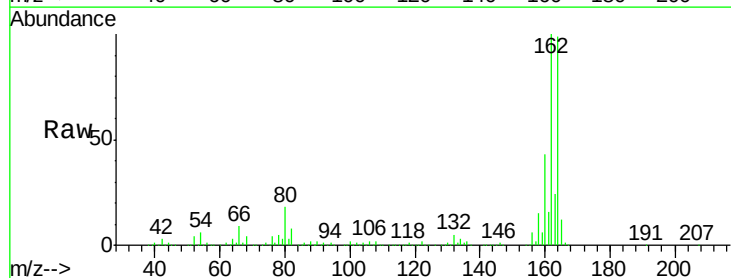
Instrument :
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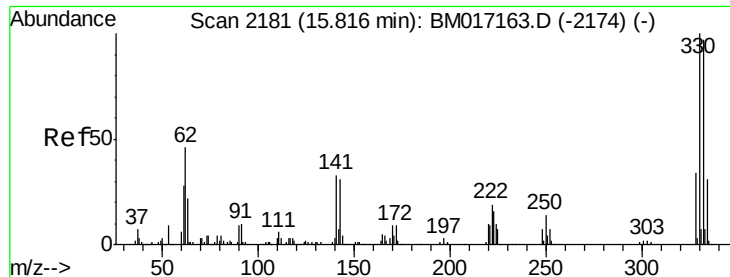
Tgt Ion:128 Resp: 160486
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.7 10.3 15.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017206.D
Acq: 18 Oct 2018 23:09

Tgt Ion:164 Resp: 709407
Ion Ratio Lower Upper
164 100
162 101.4 82.1 123.1
160 44.0 40.2 60.2





#42

2,4,6-Tribromophenol

Concen: 116.161 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017206.D

Acq: 18 Oct 2018 23:09

Instrument :

BNA_M

ClientSampleId :

0692-KM-CA-AMD-COMP

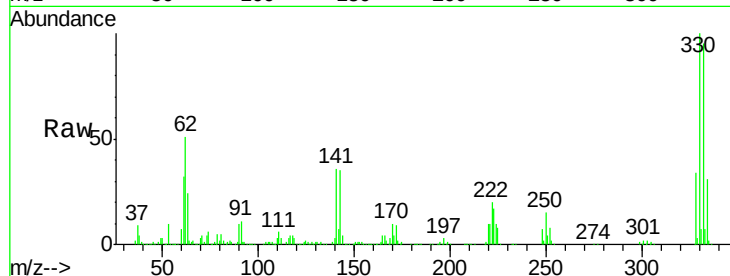
Tgt Ion:330 Resp: 1114415

Ion Ratio Lower Upper

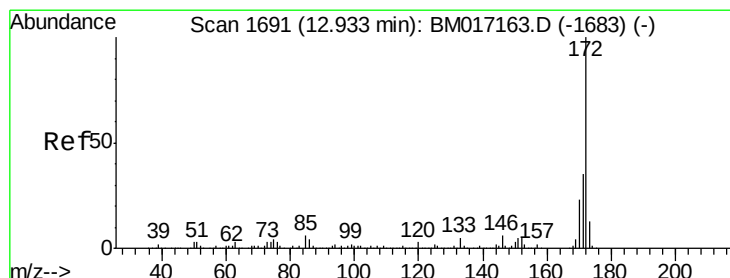
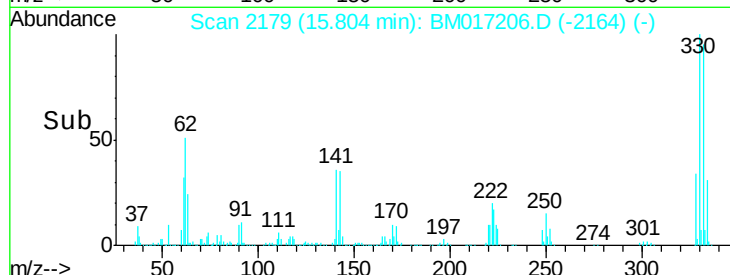
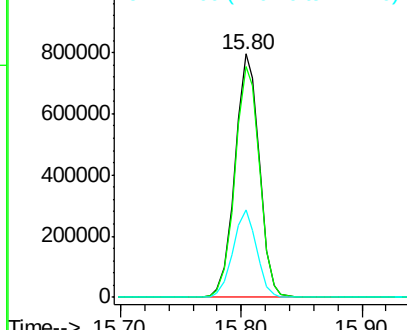
330 100

332 96.1 77.3 115.9

141 35.1 27.4 41.0



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



#45

2-Fluorobiphenyl

Concen: 75.504 ng

RT: 12.93 min Scan# 1690

Delta R.T. -0.01 min

Lab File: BM017206.D

Acq: 18 Oct 2018 23:09

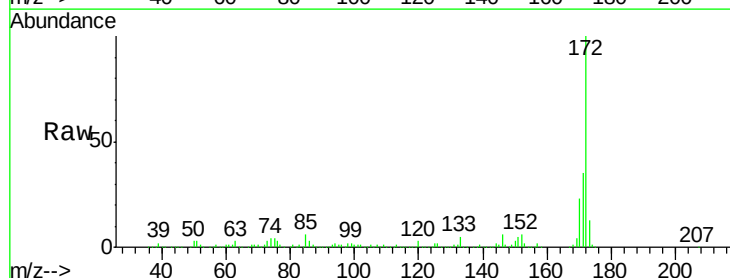
Tgt Ion:172 Resp: 4025653

Ion Ratio Lower Upper

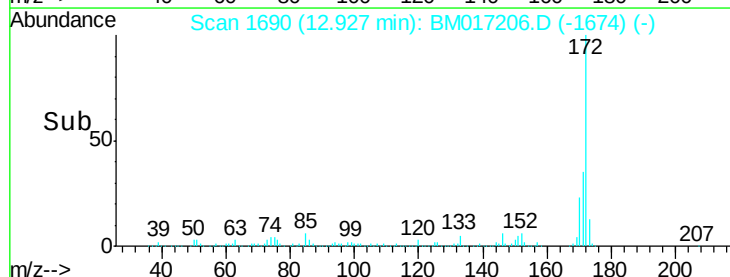
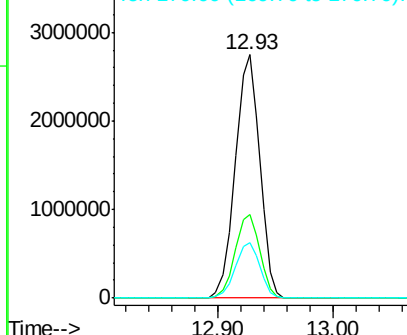
172 100

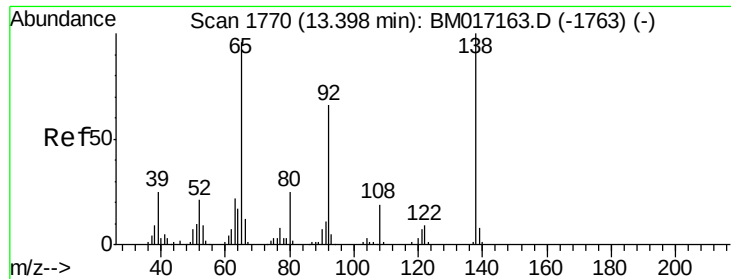
171 34.6 28.3 42.5

170 23.0 18.3 27.5



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





#48

2-Nitroaniline

Concen: 5.706 ng

RT: 13.39 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BM017206.D

Acq: 18 Oct 2018 23:09

Instrument :

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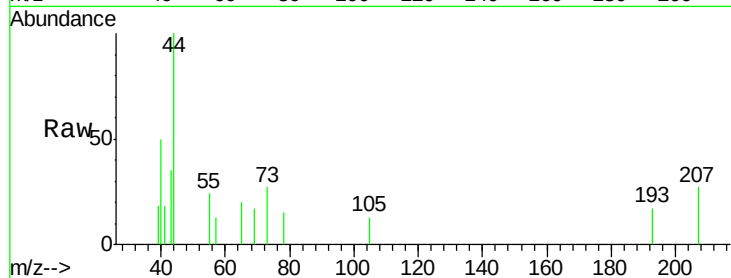
Tgt Ion: 65 Resp: 277

Ion Ratio Lower Upper

65 100

92 0.0 54.9 82.3#

138 0.0 83.7 125.5#

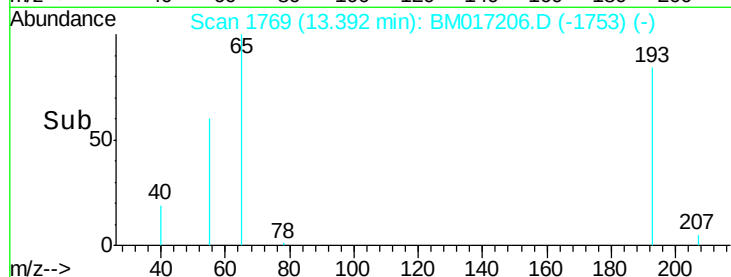


Abundance Ion 65.00 (64.70 to 65.70): BM017163.D (-1763) (-)

Ion 92.00 (91.70 to 92.70): BM017163.D (-1763) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1763) (-)

Time-->



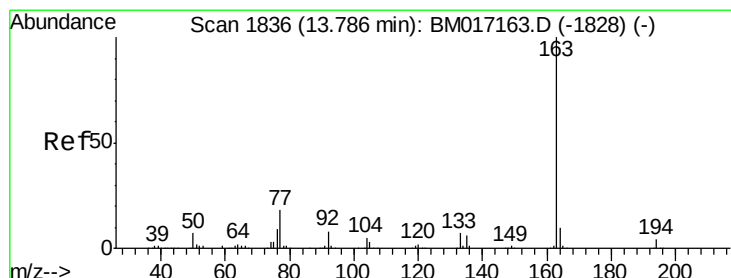
Abundance

Ion 65.00 (64.70 to 65.70): BM017206.D (-1753) (-)

Ion 92.00 (91.70 to 92.70): BM017206.D (-1753) (-)

Ion 138.00 (137.70 to 138.70): BM017206.D (-1753) (-)

Time-->



#50

Dimethylphthalate

Concen: 4.151 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM017206.D

Acq: 18 Oct 2018 23:09

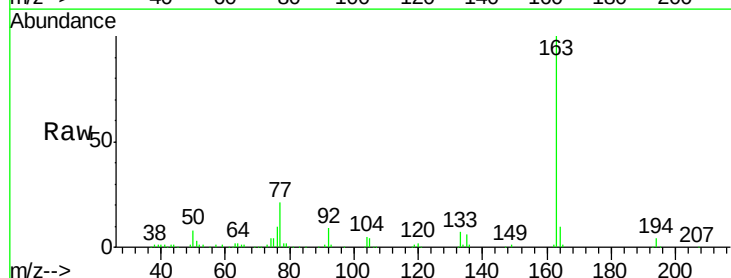
Tgt Ion: 163 Resp: 227162

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.1 7.8 11.8

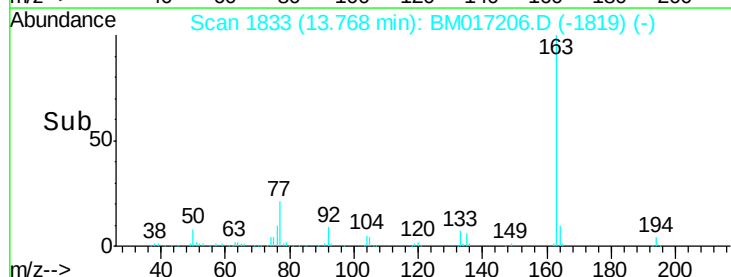


Abundance Ion 163.00 (162.70 to 163.70): BM017163.D (-1828) (-)

Ion 194.00 (193.70 to 194.70): BM017163.D (-1828) (-)

Ion 164.00 (163.70 to 164.70): BM017163.D (-1828) (-)

Time-->



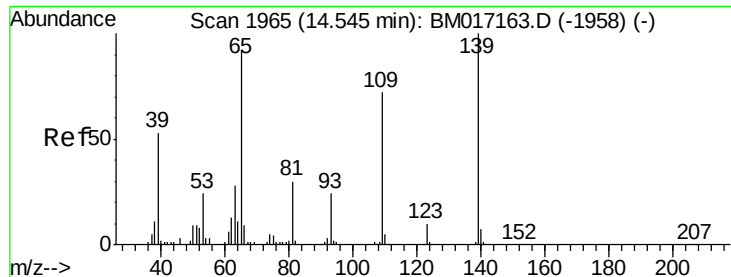
Abundance

Ion 163.00 (162.70 to 163.70): BM017206.D (-1819) (-)

Ion 194.00 (193.70 to 194.70): BM017206.D (-1819) (-)

Ion 164.00 (163.70 to 164.70): BM017206.D (-1819) (-)

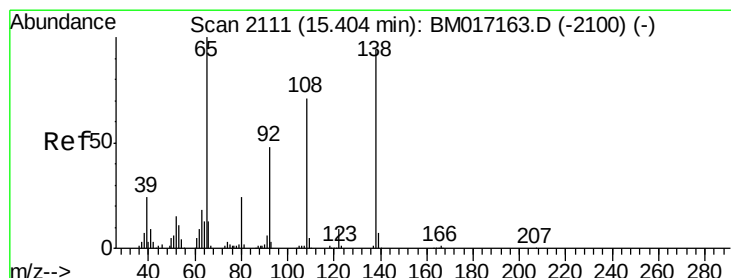
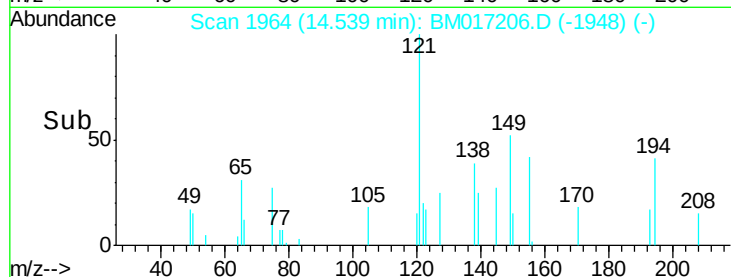
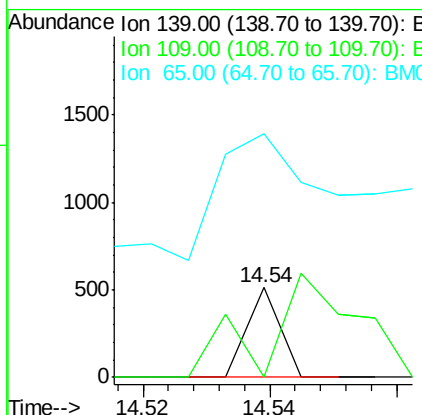
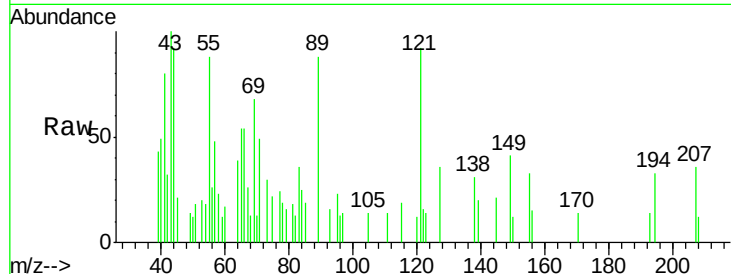
Time-->



#56
4-Nitrophenol
Concen: 4.731 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017206.D
Acq: 18 Oct 2018 23:09

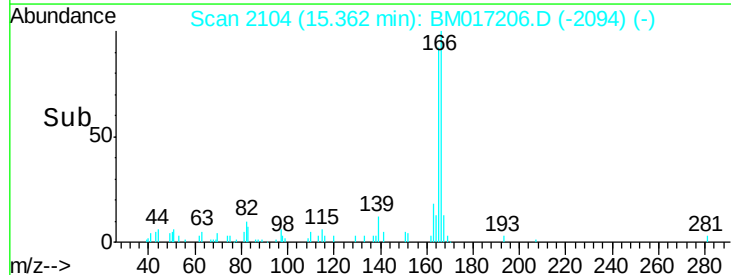
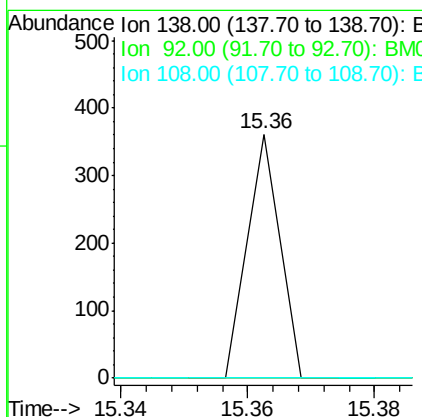
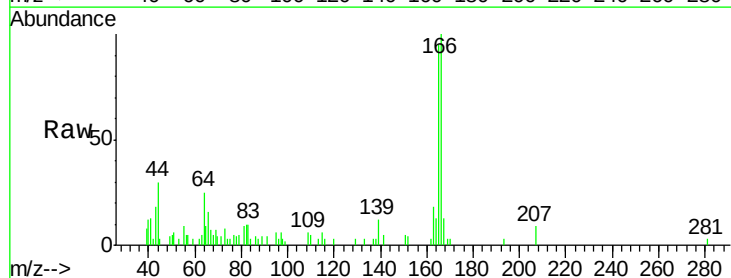
Instrument :
BNA_M
ClientSampleId :
0692-KM-CA-AMD-COMP

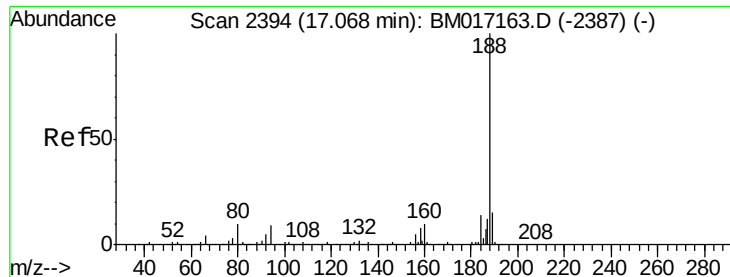
Tgt Ion:139 Resp: 181
Ion Ratio Lower Upper
139 100
109 0.0 51.8 91.8#
65 271.3 72.1 112.1#



#62
4-Nitroaniline
Concen: 4.763 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.04 min
Lab File: BM017206.D
Acq: 18 Oct 2018 23:09

Tgt Ion:138 Resp: 127
Ion Ratio Lower Upper
138 100
92 0.0 31.2 71.2#
108 0.0 55.5 95.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017206.D

Acq: 18 Oct 2018 23:09

Instrument :

BNA_M

ClientSampleId :

0692-KM-CA-AMD-COMP

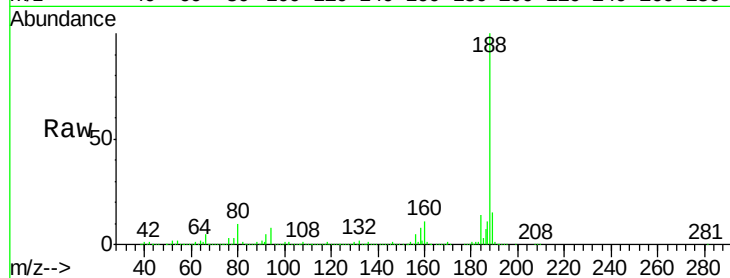
Tgt Ion:188 Resp: 1554916

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

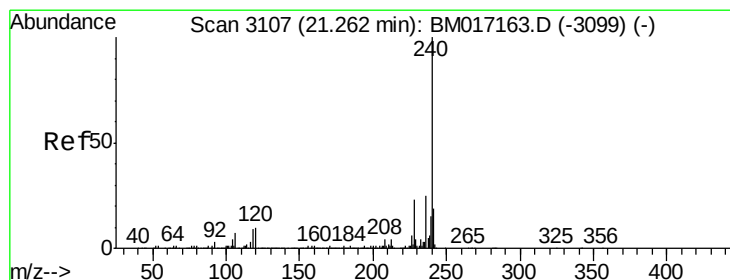
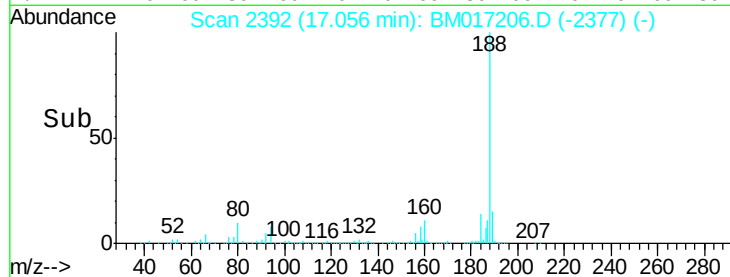
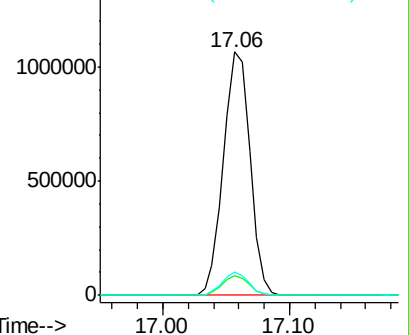
80 9.7 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017206.D

Acq: 18 Oct 2018 23:09

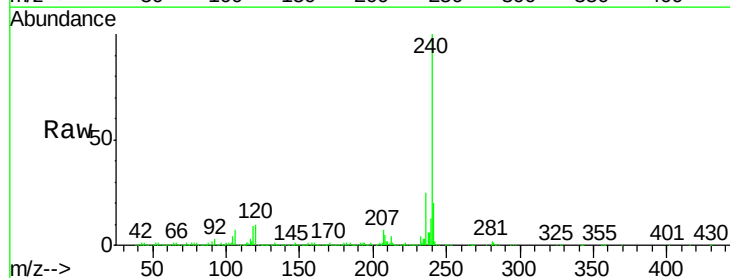
Tgt Ion:240 Resp: 1507812

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

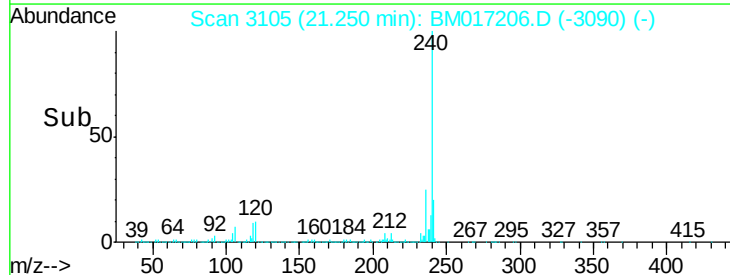
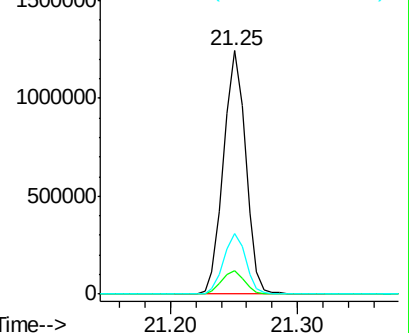
236 24.9 19.9 29.9

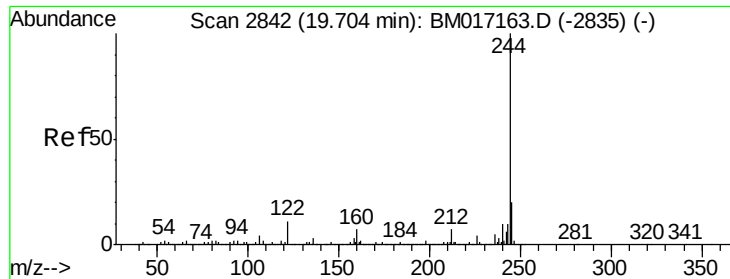


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.333 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017206.D

Acq: 18 Oct 2018 23:09

Instrument :

BNA_M

ClientSampleId :

0692-KM-CA-AMD-COMP

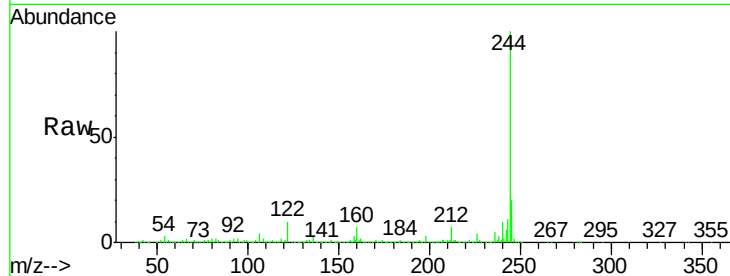
Tgt Ion:244 Resp: 5306938

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

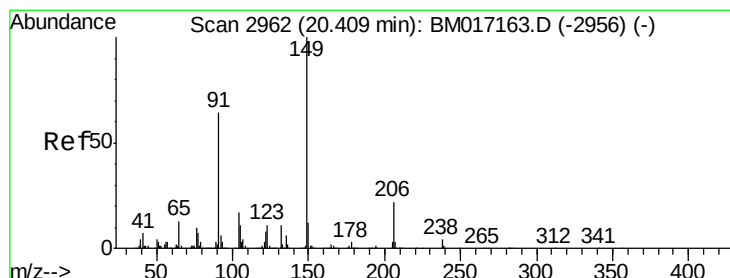
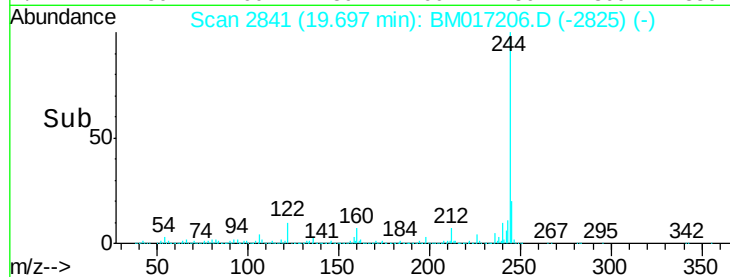
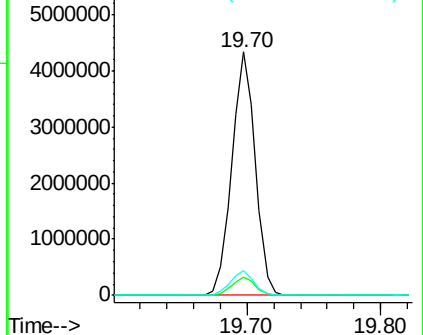
122 10.1 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 7.208 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM017206.D

Acq: 18 Oct 2018 23:09

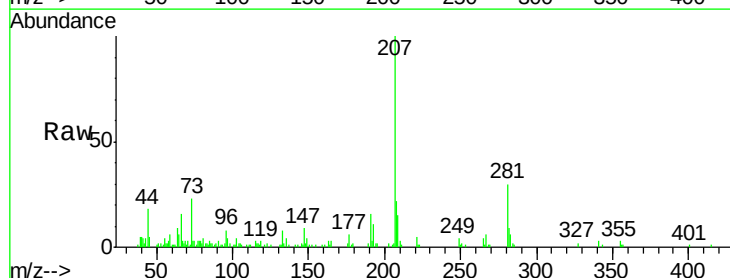
Tgt Ion:149 Resp: 1207

Ion Ratio Lower Upper

149 100

91 87.2 51.3 76.9#

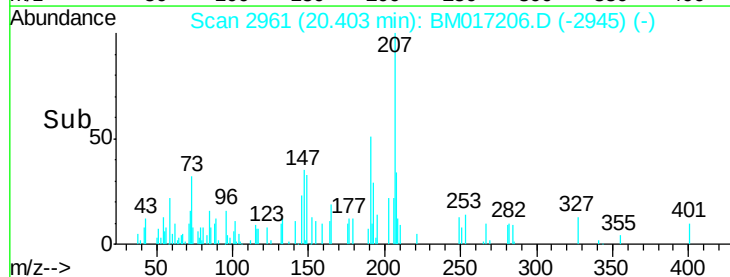
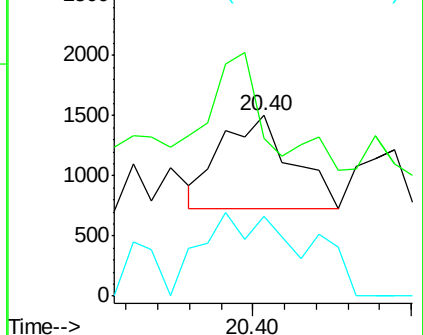
206 44.4 18.0 27.0#

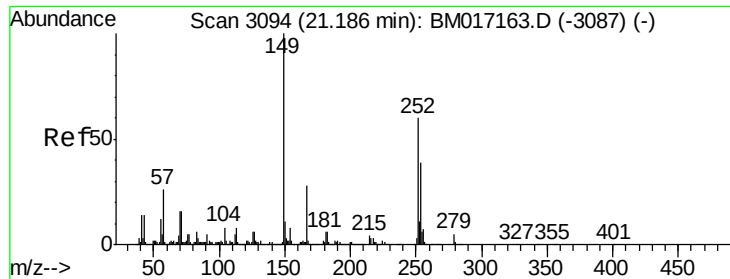


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

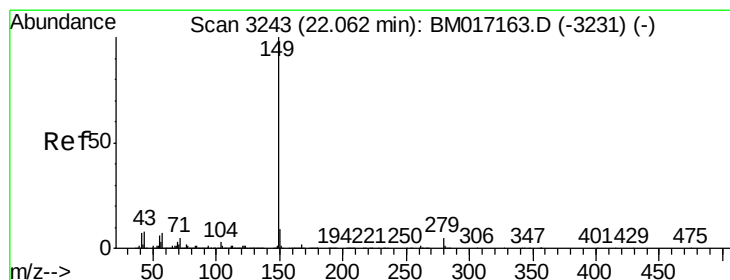
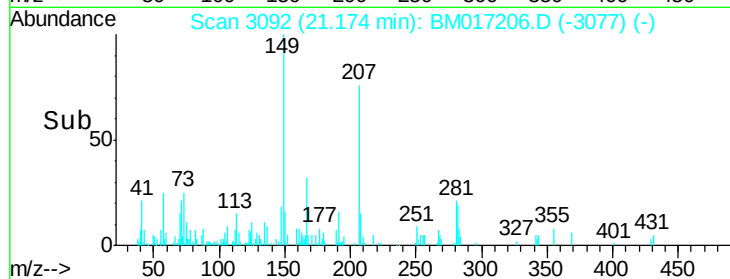
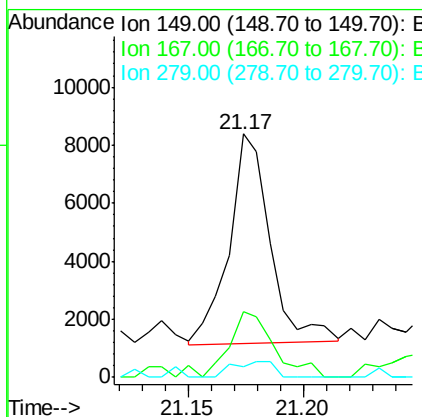
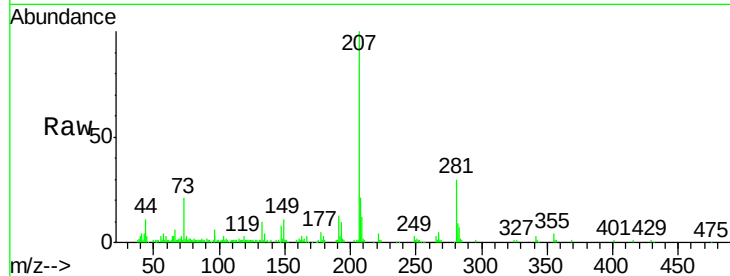




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.471 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017206.D
 Acq: 18 Oct 2018 23:09

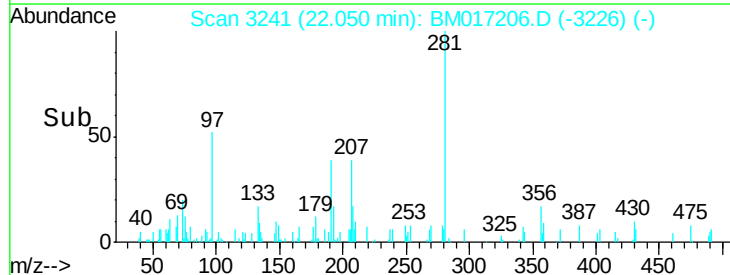
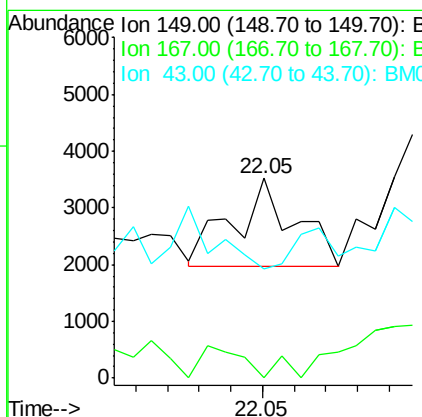
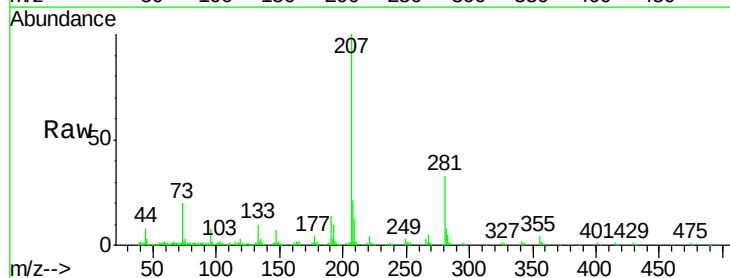
Instrument :
 BNA_M
 ClientSampleId :
 0692-KM-CA-AMD-COMP

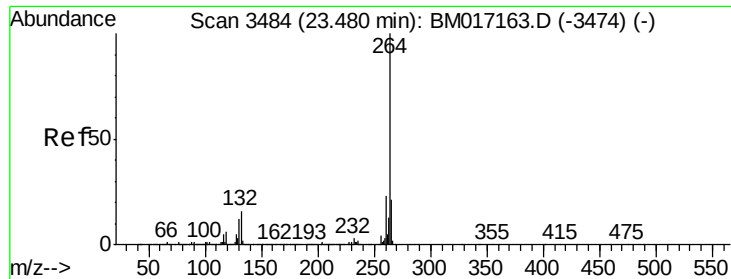
Tgt Ion:149 Resp: 9018
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.2 33.4
 279 4.3 3.6 5.4



#85
 Di-n-octyl phthalate
 Concen: 5.594 ng
 RT: 22.05 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BM017206.D
 Acq: 18 Oct 2018 23:09

Tgt Ion:149 Resp: 2118
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 27.3 7.2 10.8#





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017206.D
Acq: 18 Oct 2018 23:09

Instrument :
BNA_M
ClientSampleId :
0692-KM-CA-AMD-COMP

Tgt Ion: 264 Resp: 1432509

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	22.3	17.8	26.8

