

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
 Data File : BM016040.D
 Acq On : 23 Jul 2018 23:55
 Operator : SJ/JU
 Sample : PB111180BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111180BL

Quant Time: Jul 24 06:08:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	49032	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	177439	20.00	ng	0.00
38) Acenaphthene-d10	14.86	164	89470	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	184319	20.00	ng	0.00
75) Chrysene-d12	21.70	240	176780	20.00	ng	0.00
86) Perylene-d12	24.07	264	182695	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.74	112	383293	129.85	ng	0.00
7) Phenol-d6	7.39	99	468647	121.57	ng	0.00
23) Nitrobenzene-d5	9.42	82	330279	86.57	ng	0.00
41) 2,4,6-Tribromophenol	16.34	330	136696	120.46	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	643383	87.50	ng	0.00
78) Terphenyl-d14	20.15	244	875253	103.64	ng	0.00

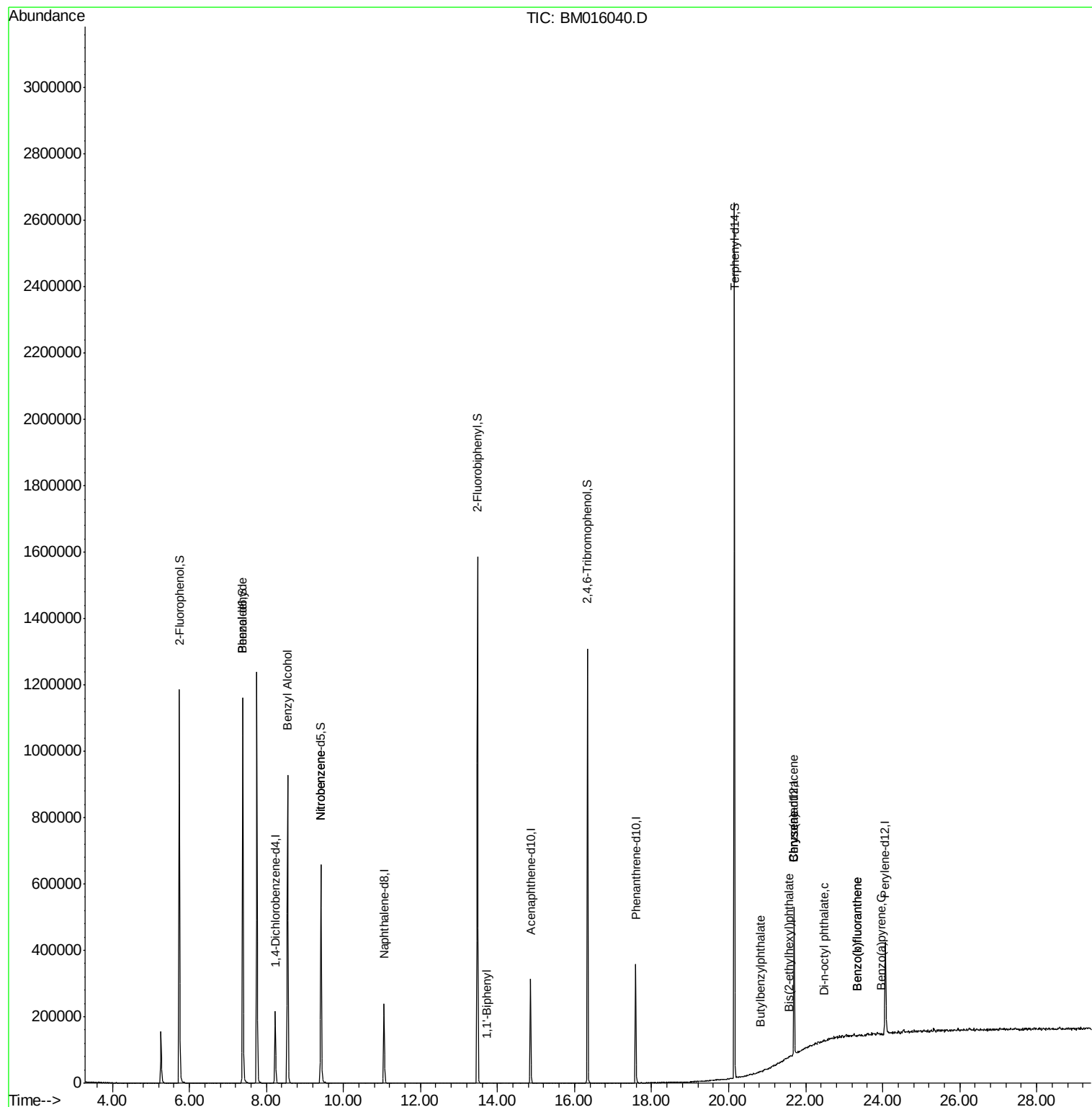
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.38	77	1192	0.440	ng	# 2
15) Benzyl Alcohol	8.55	79	5855	1.908	ng	# 34
24) Nitrobenzene	9.42	77	1676	0.436	ng	# 40
45) 1,1'-Biphenyl	13.72	154	261	0.032	ng	# 42
79) Butylbenzylphthalate	20.82	149	370	0.069	ng	# 28
80) Benzo(a)anthracene	21.70	228	389	0.036	ng	# 51
82) Chrysene	21.70	228	389	0.037	ng	# 50
83) Bis(2-ethylhexyl)phthalate	21.57	149	180	0.023	ng	# 52
84) Di-n-octyl phthalate	22.49	149	250	0.019	ng	# 30
87) Benzo(b)fluoranthene	23.35	252	123	0.011	ng	# 1
88) Benzo(k)fluoranthene	23.35	252	123	0.011	ng	# 1
89) Benzo(a)pyrene	23.96	252	127	0.012	ng	# 1

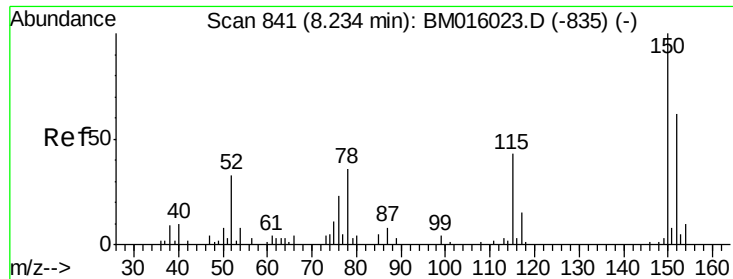
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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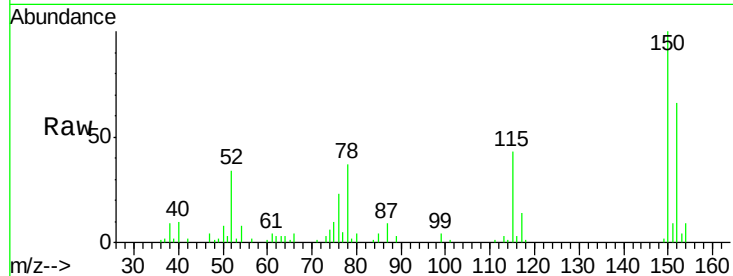




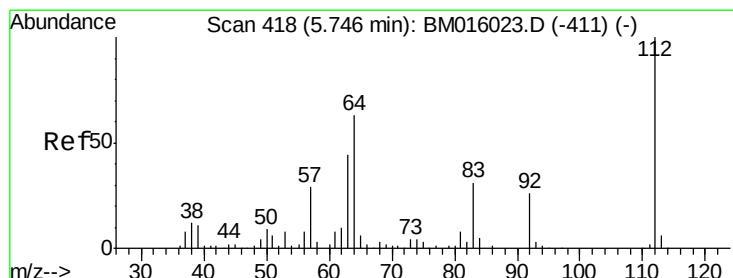
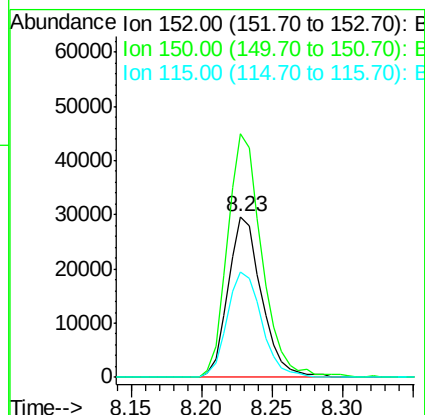
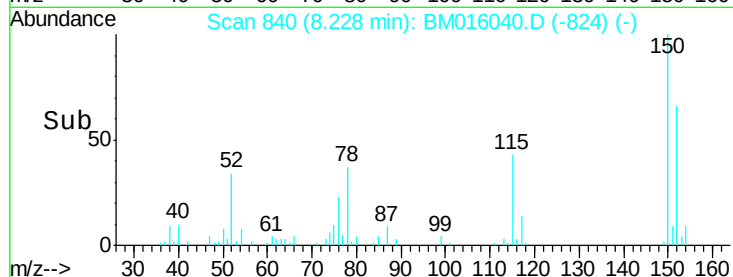
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.23 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BM016040.D
 Acq: 23 Jul 2018 23:55

Instrument :
 BNA_M
 ClientSampleId :
 PB111180BL

Tgt Ion:152 Resp: 49032
 Ion Ratio Lower Upper
 152 100
 150 151.7 119.5 179.3
 115 65.7 43.0 64.4#

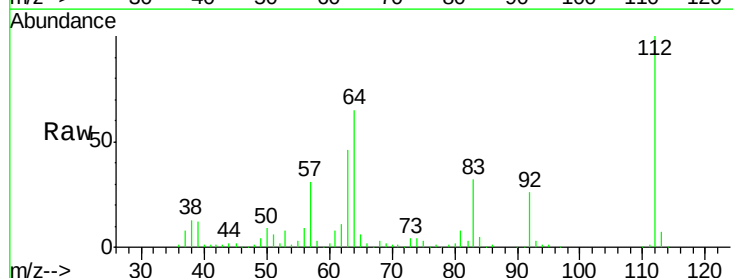


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

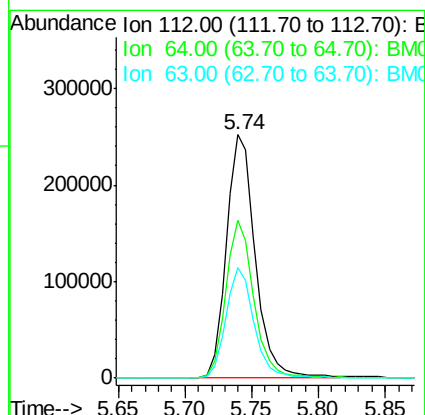
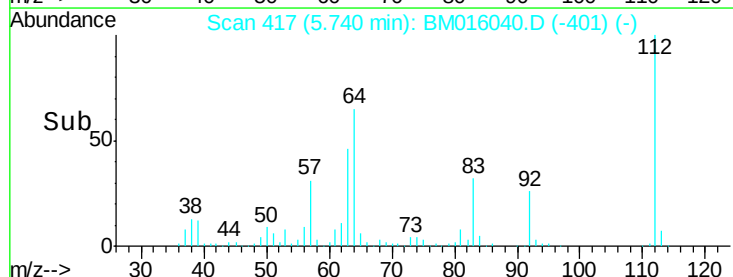


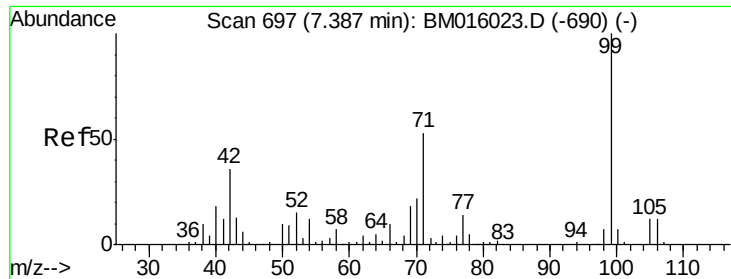
#5
 2-Fluorophenol
 Concen: N.D. ng
 RT: 5.74 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BM016040.D
 Acq: 23 Jul 2018 23:55

Tgt Ion:112 Resp: 383293
 Ion Ratio Lower Upper
 112 100
 64 64.9 38.6 57.8#
 63 45.5 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: N.D. ng

RT: 7.39 min Scan# 697

Delta R.T. -0.00 min

Lab File: BM016040.D

Acq: 23 Jul 2018 23:55

Instrument :

BNA_M

ClientSampleId :

PB111180BL

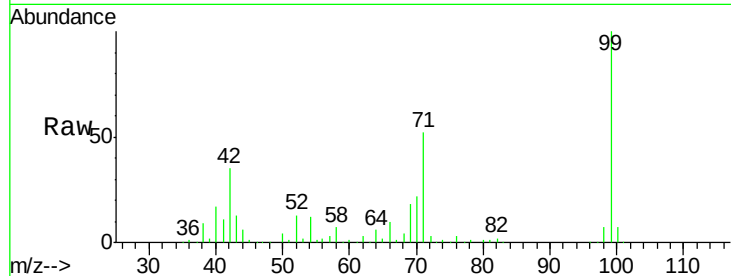
Tgt Ion: 99 Resp: 468647

Ion Ratio Lower Upper

99 100

42 34.9 11.0 16.4#

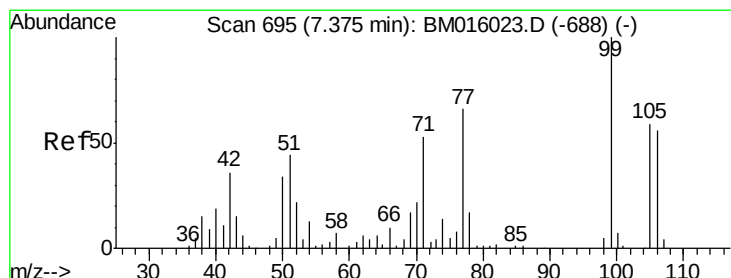
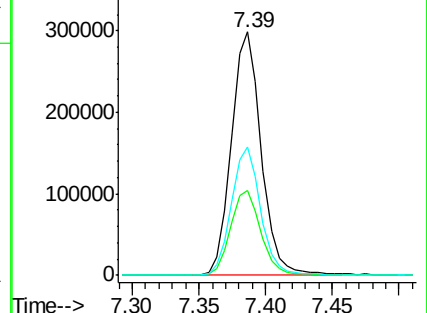
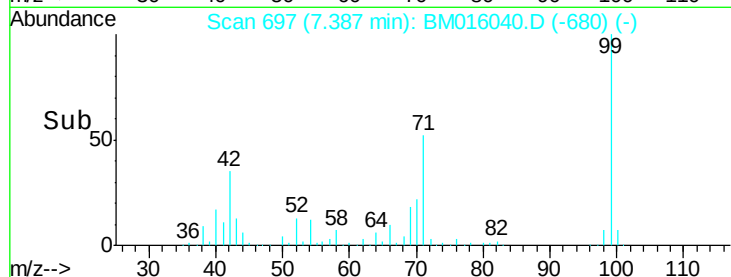
71 52.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016040.D (-680) (-)

Ion 42.00 (41.70 to 42.70): BM016040.D (-680) (-)

Ion 71.00 (70.70 to 71.70): BM016040.D (-680) (-)



#9

Benzaldehyde

Concen: 0.440 ng

RT: 7.38 min Scan# 696

Delta R.T. 0.01 min

Lab File: BM016040.D

Acq: 23 Jul 2018 23:55

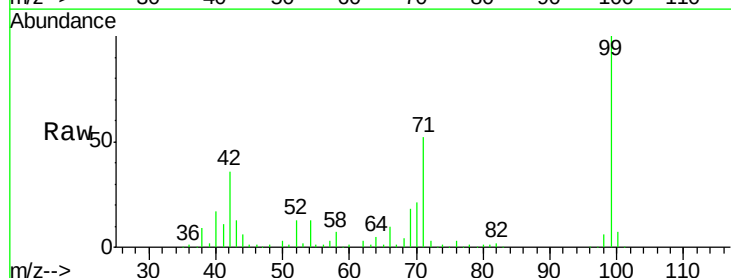
Tgt Ion: 77 Resp: 1192

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

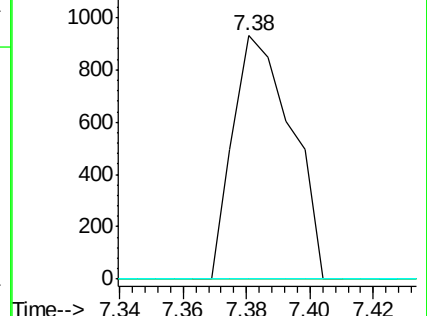
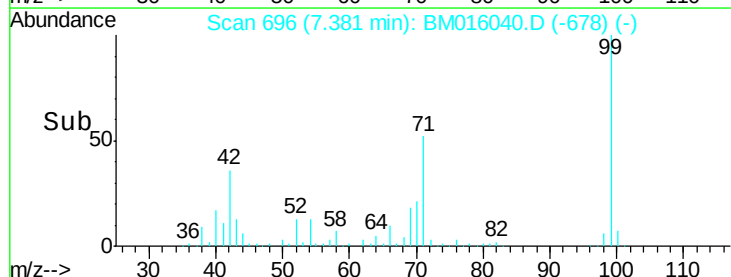
106 0.0 73.7 113.7#

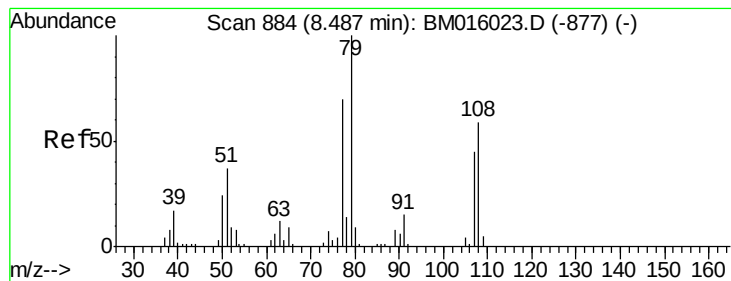


Abundance Ion 77.00 (76.70 to 77.70): BM016040.D (-678) (-)

Ion 105.00 (104.70 to 105.70): BM016040.D (-678) (-)

Ion 106.00 (105.70 to 106.70): BM016040.D (-678) (-)





#15

Benzyl Alcohol

Concen: 1.908 ng

RT: 8.55 min Scan# 895

Delta R.T. 0.06 min

Lab File: BM016040.D

Acq: 23 Jul 2018 23:55

Instrument :

BNA_M

ClientSampleId :

PB111180BL

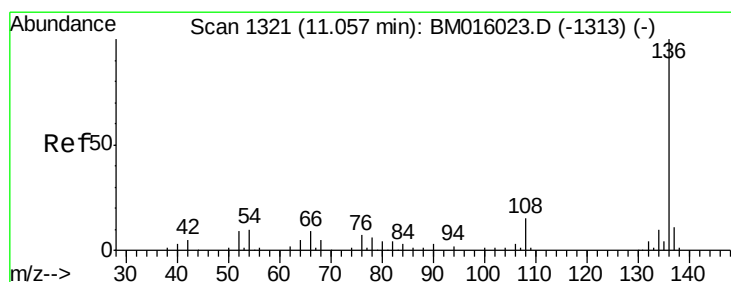
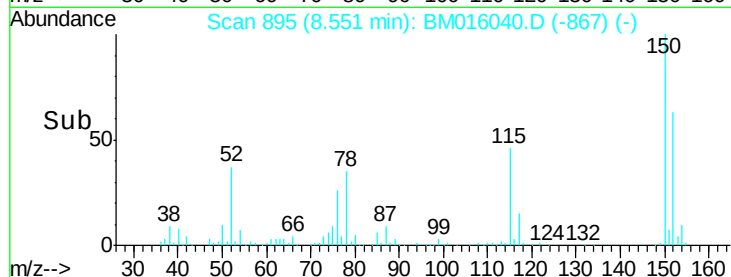
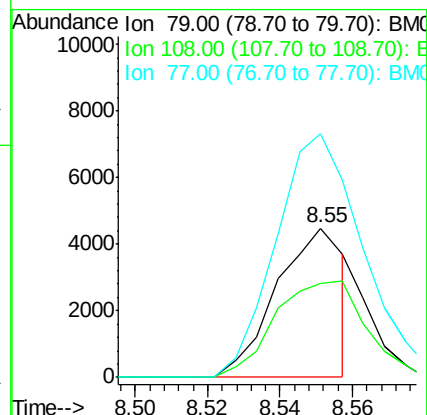
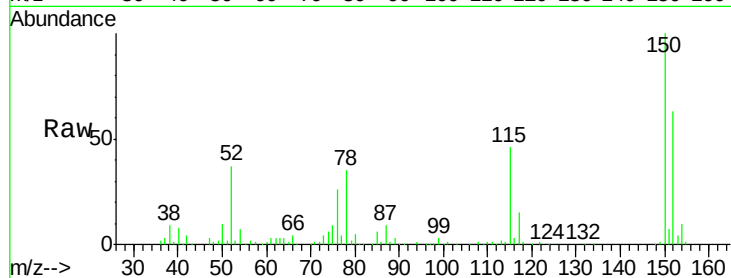
Tgt Ion: 79 Resp: 5855

Ion Ratio Lower Upper

79 100

108 62.4 65.0 97.4#

77 162.8 53.0 79.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.05 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BM016040.D

Acq: 23 Jul 2018 23:55

Tgt Ion: 136 Resp: 177439

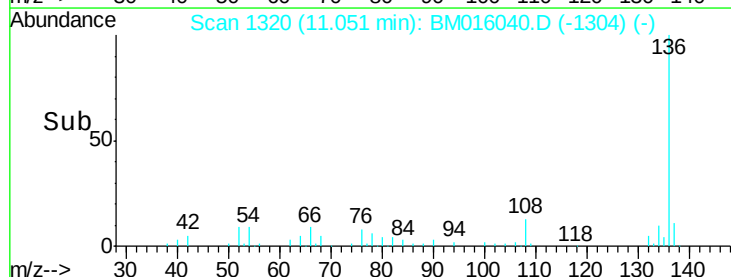
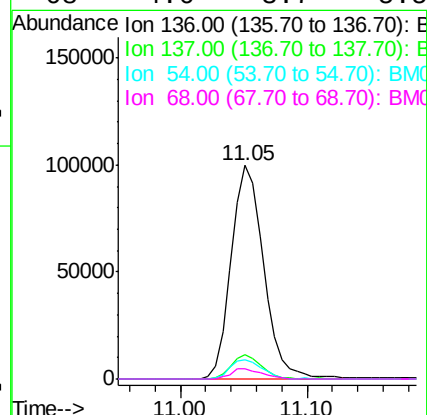
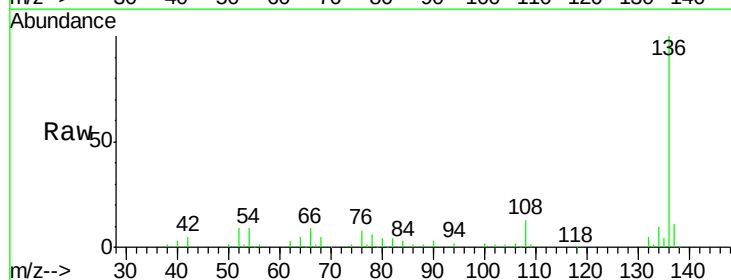
Ion Ratio Lower Upper

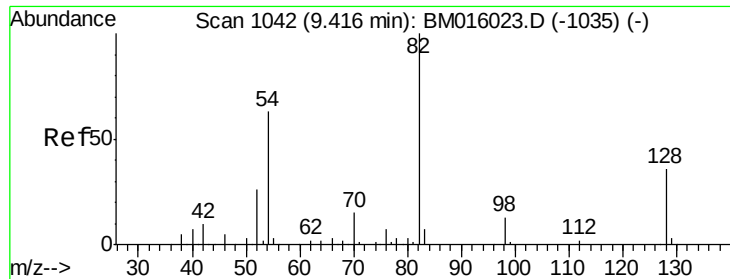
136 100

137 11.4 8.7 13.1

54 8.9 4.6 6.8#

68 4.6 3.7 5.5

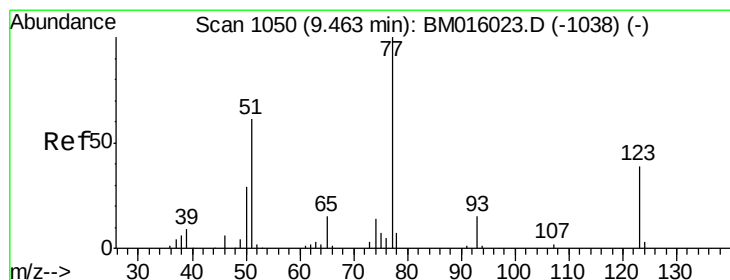
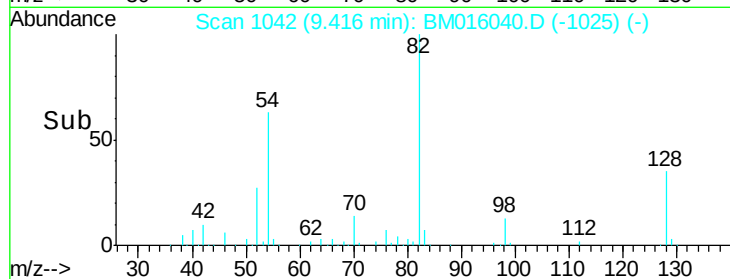
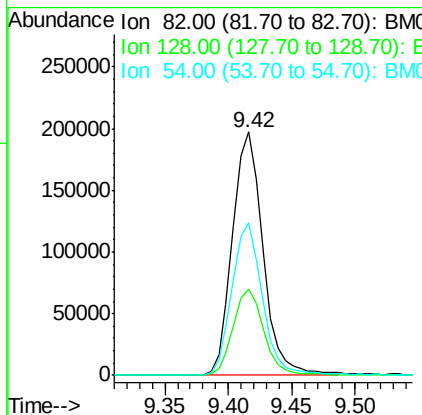
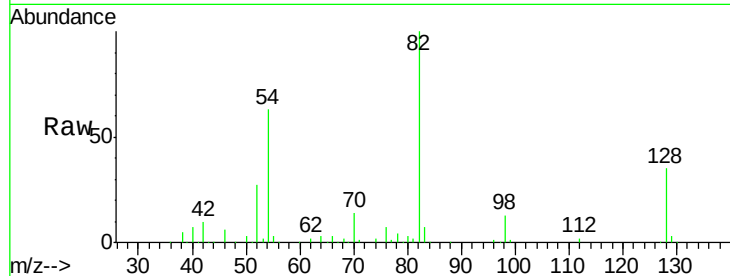




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.42 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BM016040.D
Acq: 23 Jul 2018 23:55

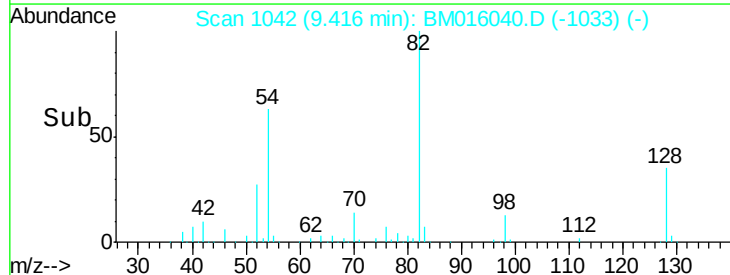
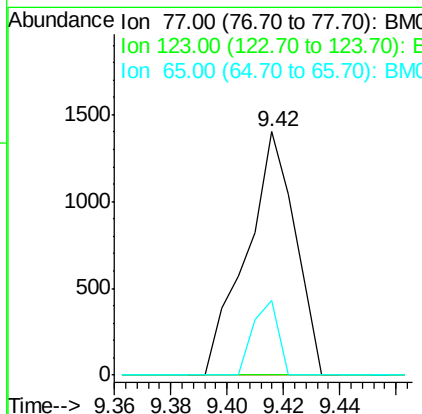
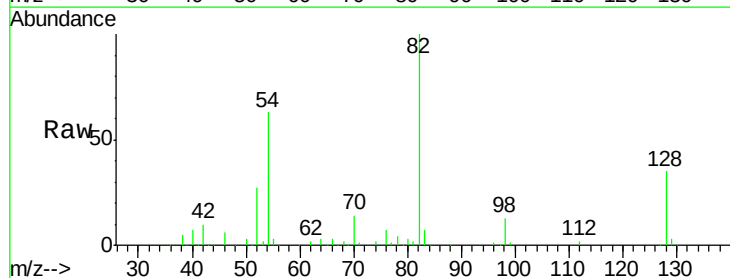
Instrument :
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ClientSampleId :
PB111180BL

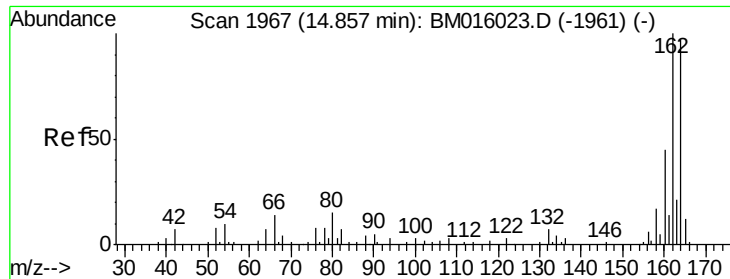
Tgt Ion: 82 Resp: 330279
Ion Ratio Lower Upper
82 100
128 35.4 32.8 49.2
54 62.5 40.6 60.8#



#24
Nitrobenzene
Concen: 0.436 ng
RT: 9.42 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BM016040.D
Acq: 23 Jul 2018 23:55

Tgt Ion: 77 Resp: 1676
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 30.5 10.9 16.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.86 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BM016040.D

Acq: 23 Jul 2018 23:55

Instrument :

BNA_M

ClientSampleId :

PB111180BL

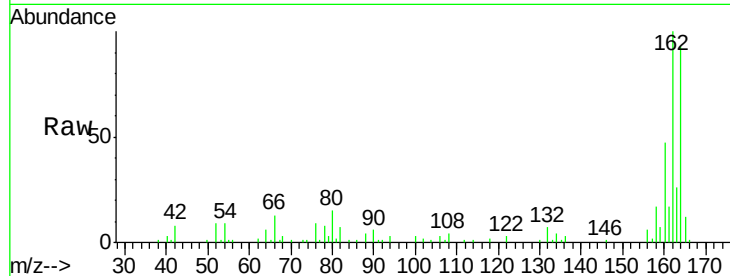
Tgt Ion:164 Resp: 89470

Ion Ratio Lower Upper

164 100

162 108.1 82.4 123.6

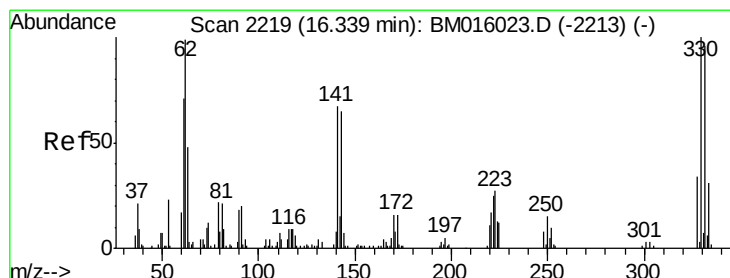
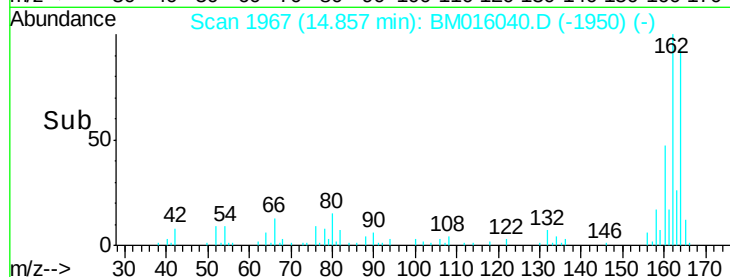
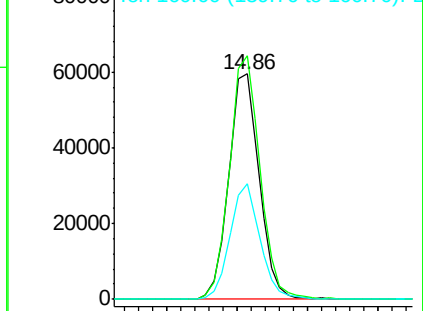
160 51.0 35.8 53.6



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: 16.34 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BM016040.D

Acq: 23 Jul 2018 23:55

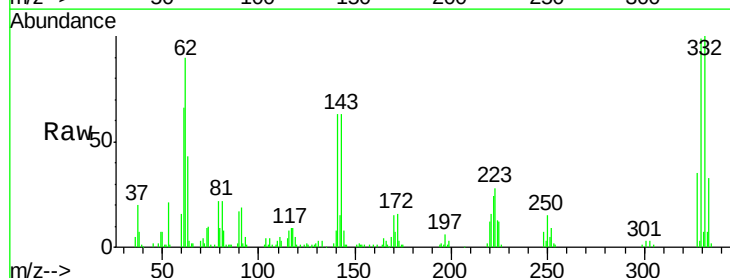
Tgt Ion:330 Resp: 136696

Ion Ratio Lower Upper

330 100

332 97.4 0.0 0.0#

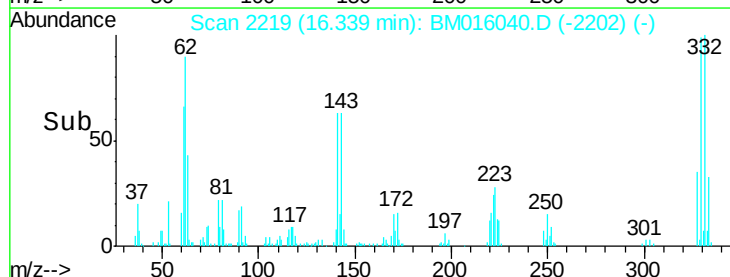
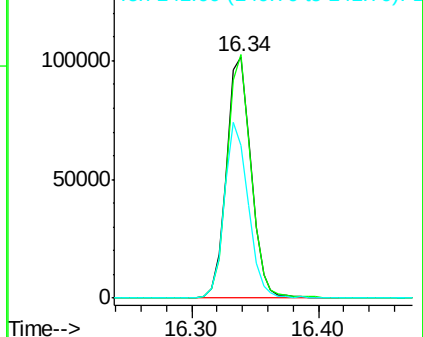
141 70.3 0.0 0.0#

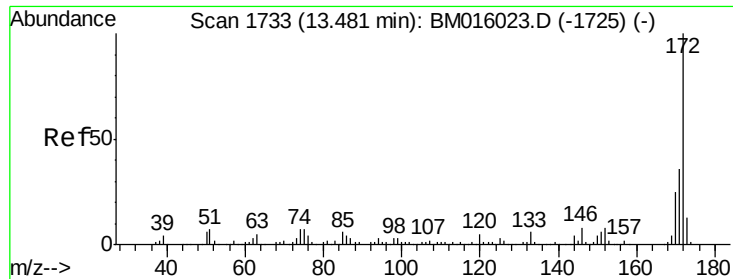


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

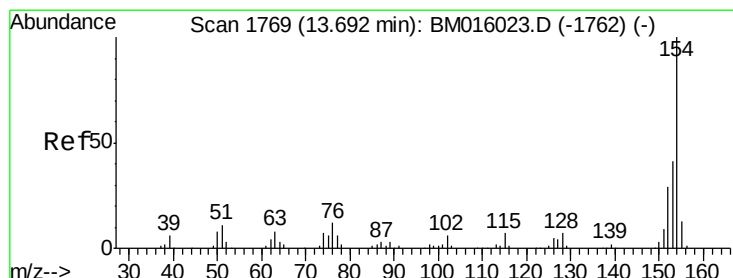
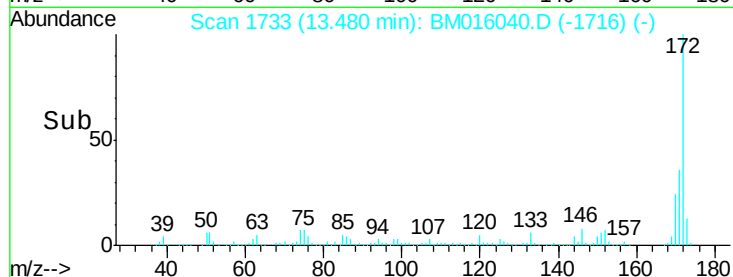
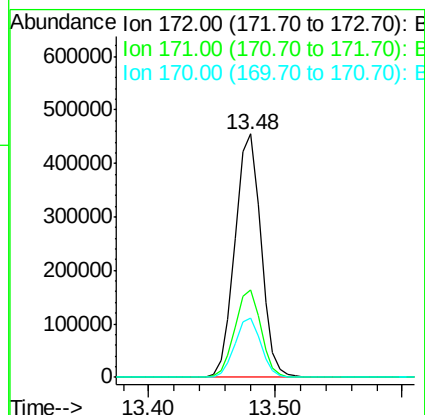
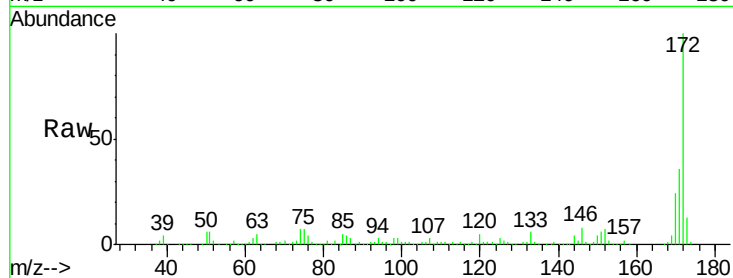




#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.48 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BM016040.D
 Acq: 23 Jul 2018 23:55

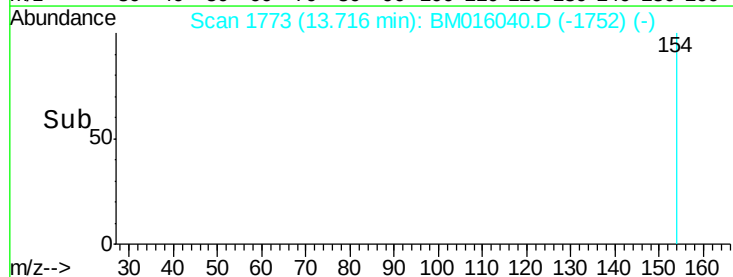
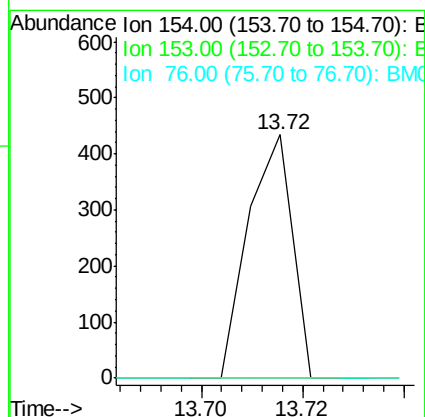
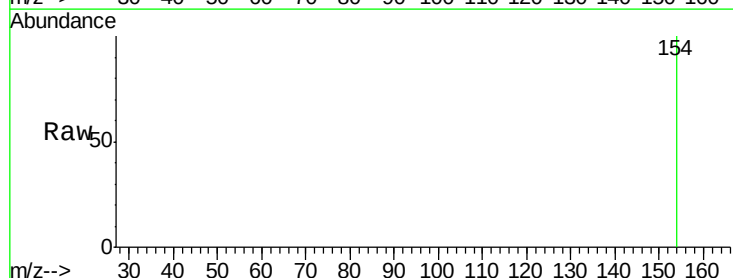
Instrument :
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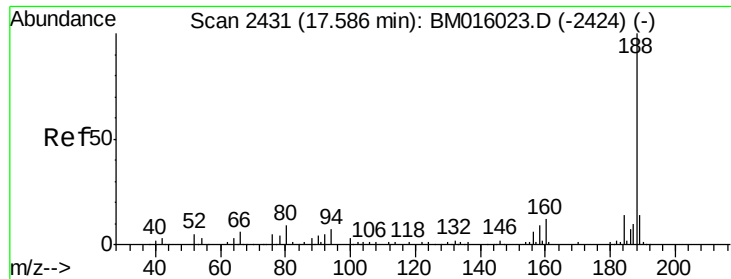
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.3	18.8	28.2



#45
 1,1'-Biphenyl
 Concen: 0.032 ng
 RT: 13.72 min Scan# 1773
 Delta R.T. 0.02 min
 Lab File: BM016040.D
 Acq: 23 Jul 2018 23:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.7	60.7#
76	0.0	0.0	30.9

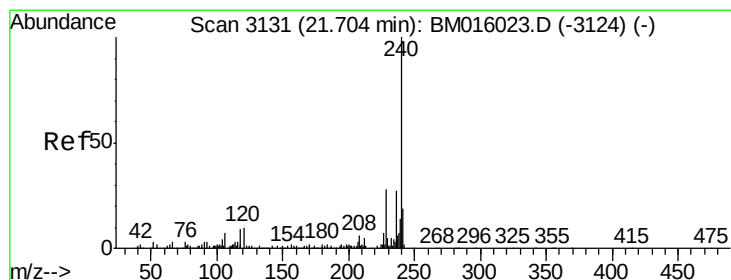
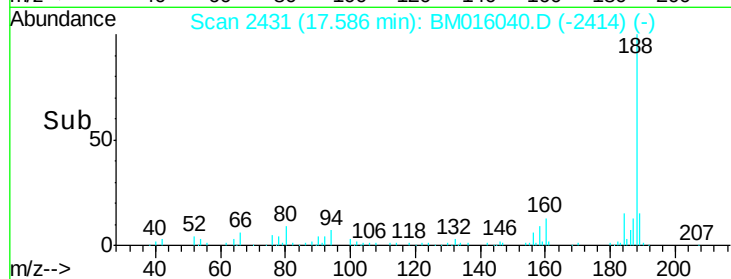
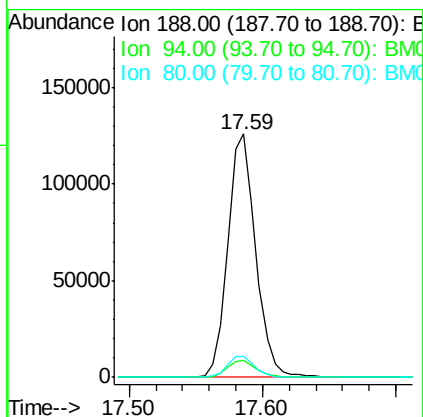
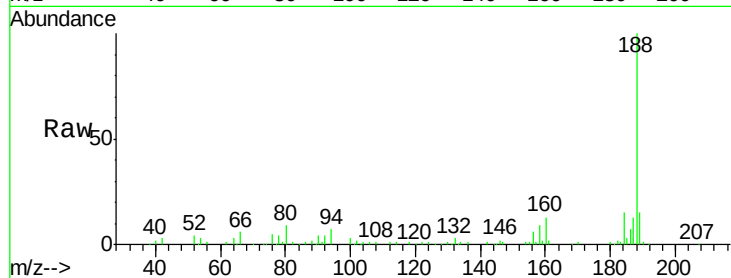




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.59 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BM016040.D
Acq: 23 Jul 2018 23:55

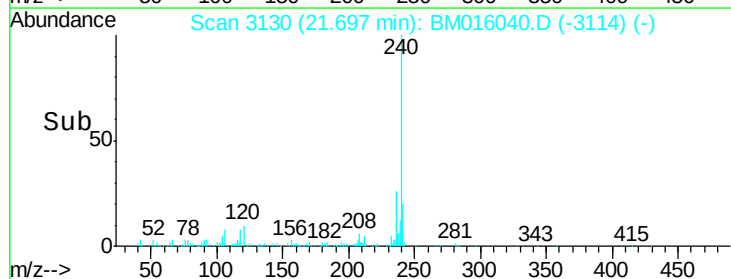
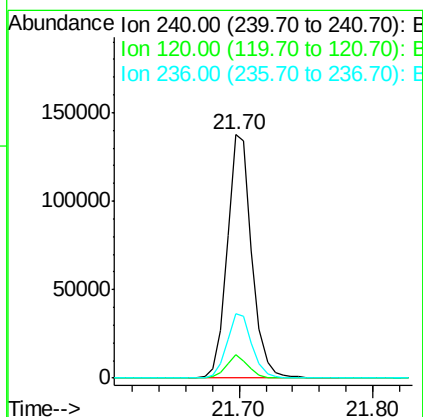
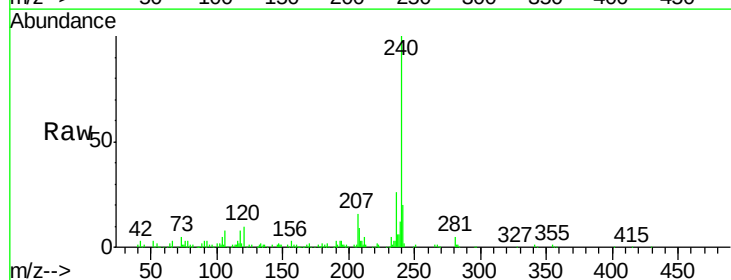
Instrument :
BNA_M
ClientSampleId :
PB111180BL

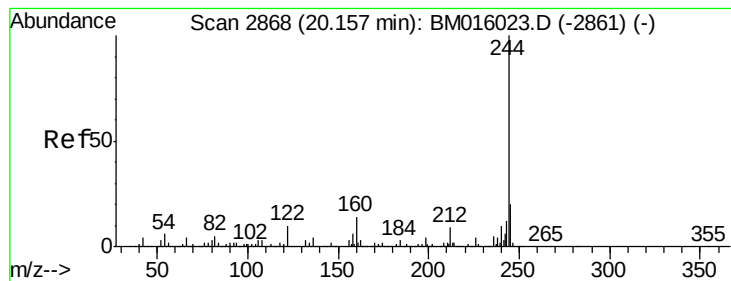
Tgt Ion:188 Resp: 184319
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 8.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM016040.D
Acq: 23 Jul 2018 23:55

Tgt Ion:240 Resp: 176780
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 26.3 20.0 30.0





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.15 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BM016040.D

Acq: 23 Jul 2018 23:55

Instrument :

BNA_M

ClientSampleId :

PB111180BL

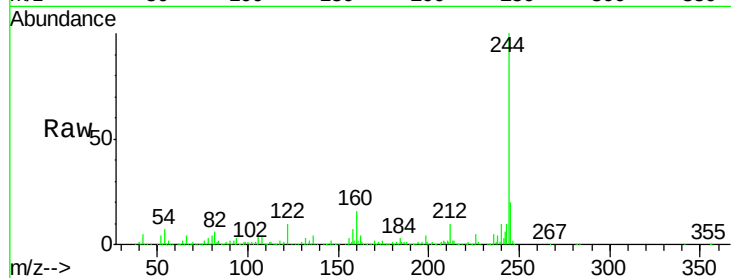
Tgt Ion:244 Resp: 875253

Ion Ratio Lower Upper

244 100

212 9.7 4.9 7.3#

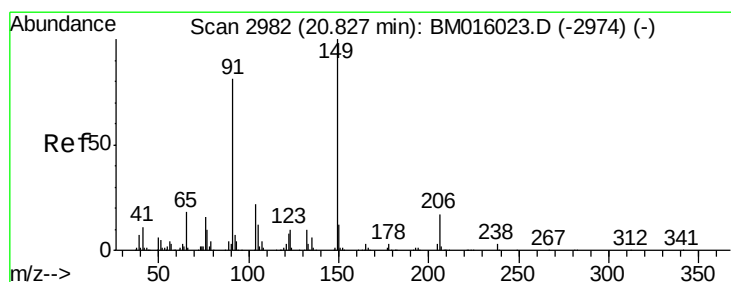
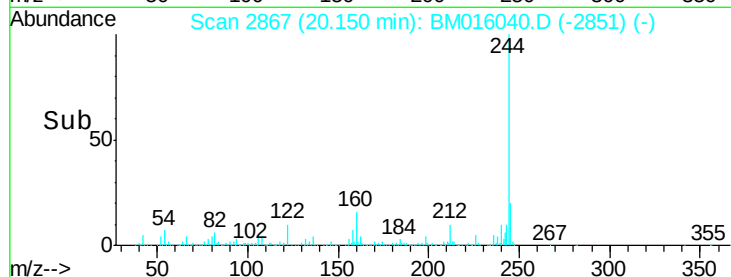
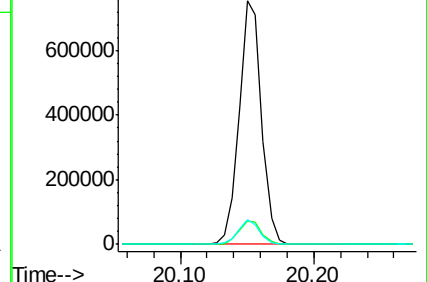
122 10.0 6.2 9.4#



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



#79

Butylbenzylphthalate

Concen: 0.069 ng

RT: 20.82 min Scan# 2981

Delta R.T. -0.01 min

Lab File: BM016040.D

Acq: 23 Jul 2018 23:55

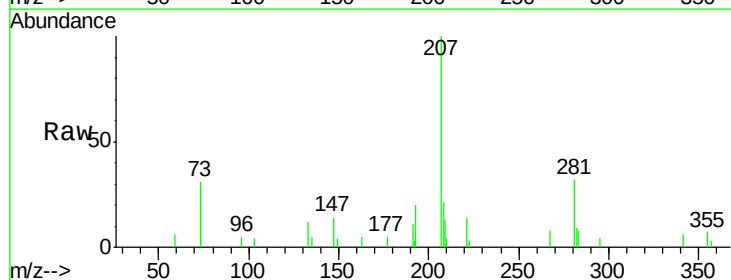
Tgt Ion:149 Resp: 370

Ion Ratio Lower Upper

149 100

91 0.0 50.1 75.1#

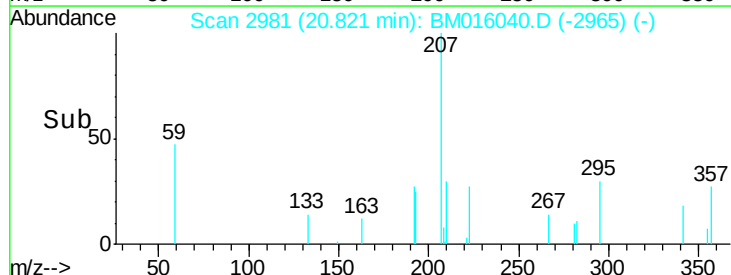
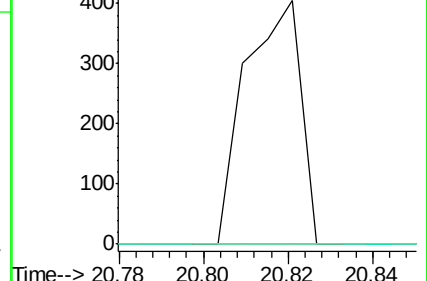
206 0.0 16.2 24.2#

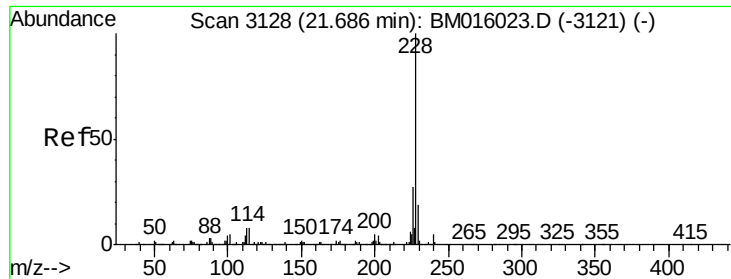


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.036 ng

RT: 21.70 min Scan# 3130

Delta R.T. 0.01 min

Lab File: BM016040.D

Acq: 23 Jul 2018 23:55

Instrument :

BNA_M

ClientSampleId :

PB111180BL

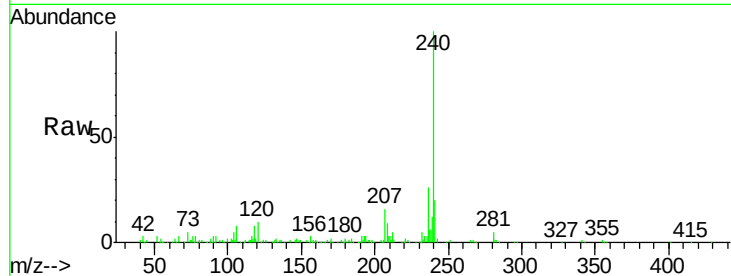
Tgt Ion:228 Resp: 389

Ion Ratio Lower Upper

228 100

226 0.0 21.7 32.5#

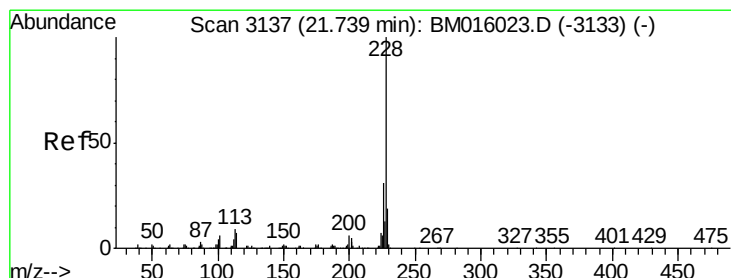
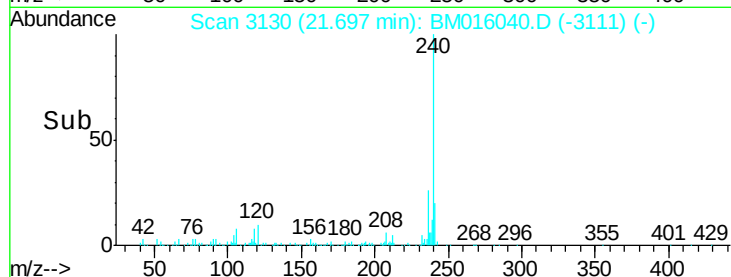
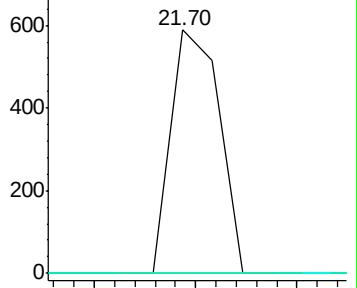
229 0.0 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 0.037 ng

RT: 21.70 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BM016040.D

Acq: 23 Jul 2018 23:55

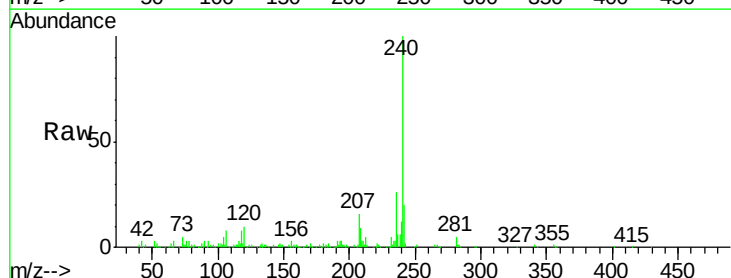
Tgt Ion:228 Resp: 389

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

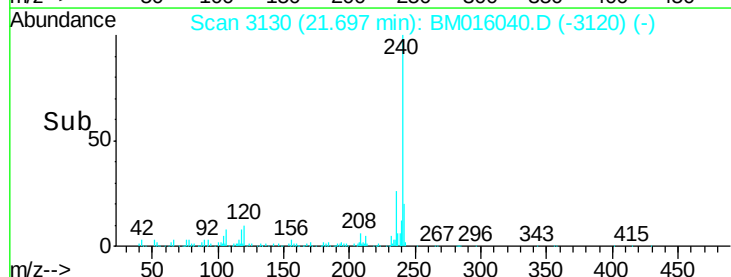
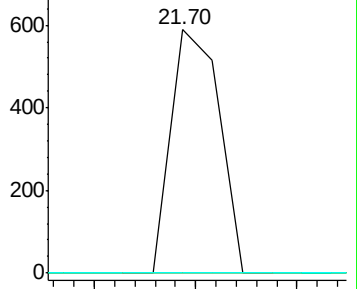
229 0.0 15.5 23.3#

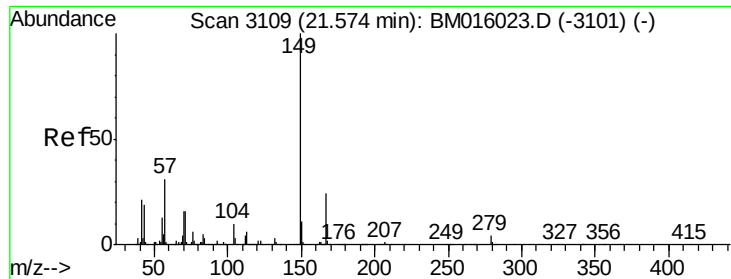


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.023 ng

RT: 21.57 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BM016040.D

Acq: 23 Jul 2018 23:55

Instrument :

BNA_M

ClientSampleId :

PB111180BL

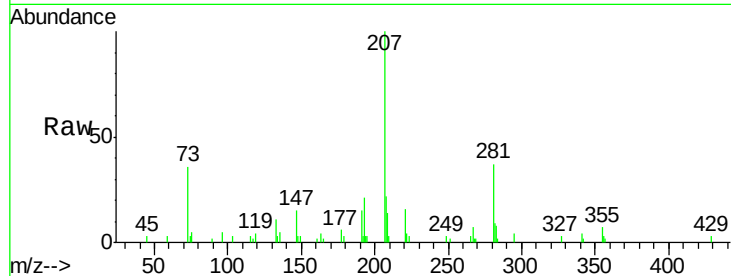
Tgt Ion:149 Resp: 180

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

279 0.0 3.4 5.0#



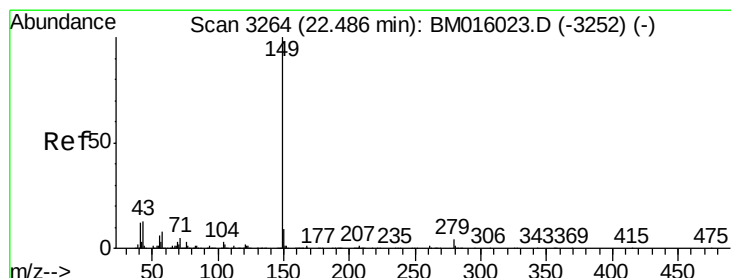
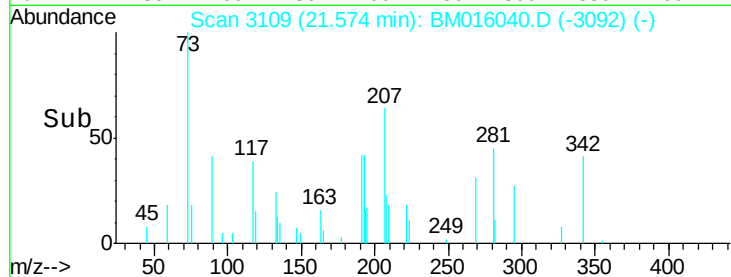
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.57

Time-->



#84

Di-n-octyl phthalate

Concen: 0.019 ng

RT: 22.49 min Scan# 3265

Delta R.T. 0.01 min

Lab File: BM016040.D

Acq: 23 Jul 2018 23:55

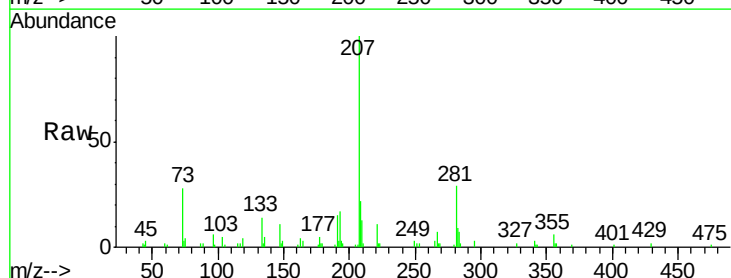
Tgt Ion:149 Resp: 250

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 38.4 7.3 10.9#



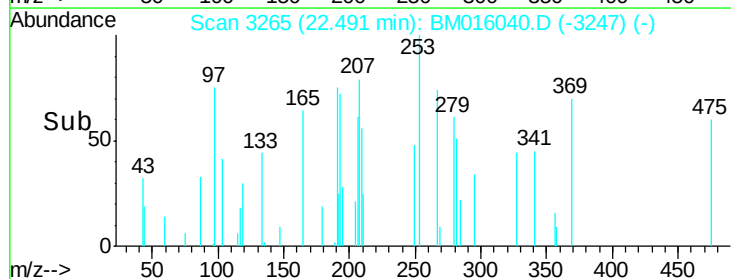
Abundance Ion 149.00 (148.70 to 149.70): E

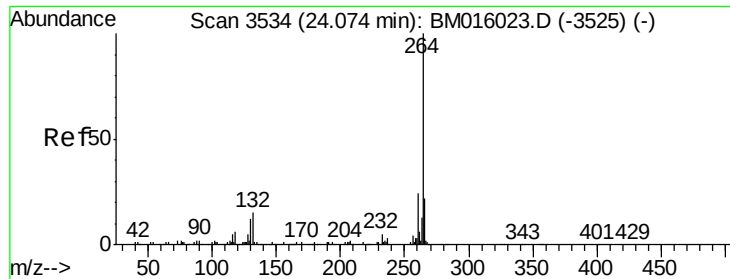
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

22.49

Time-->



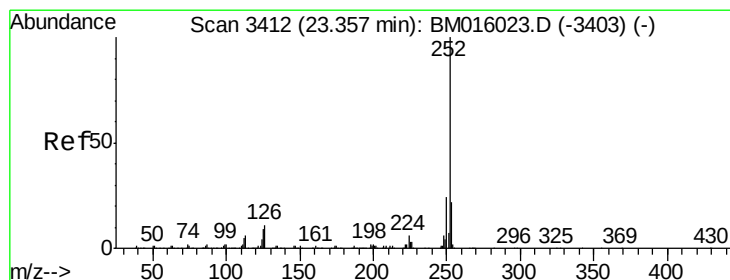
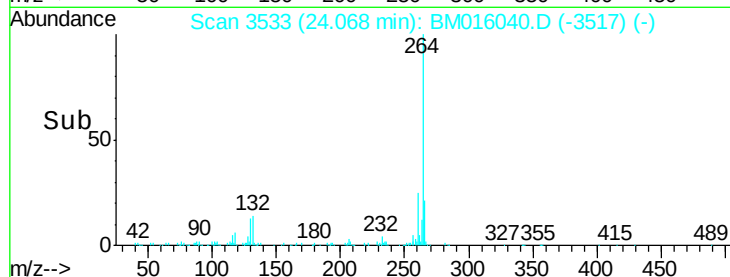
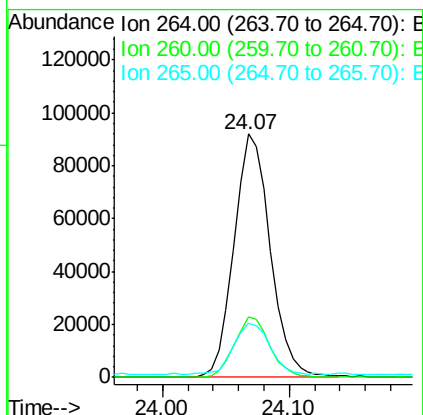
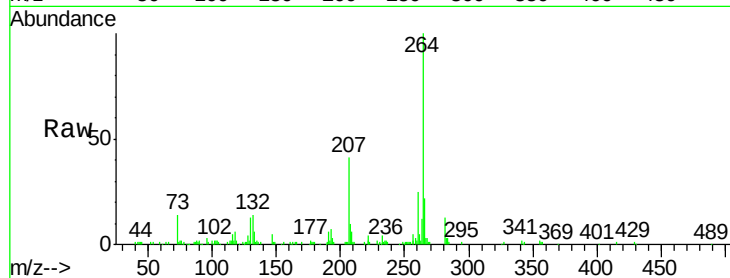


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.07 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BM016040.D
Acq: 23 Jul 2018 23:55

Instrument :
BNA_M
ClientSampleId :
PB111180BL

Tgt Ion: 264 Resp: 182695

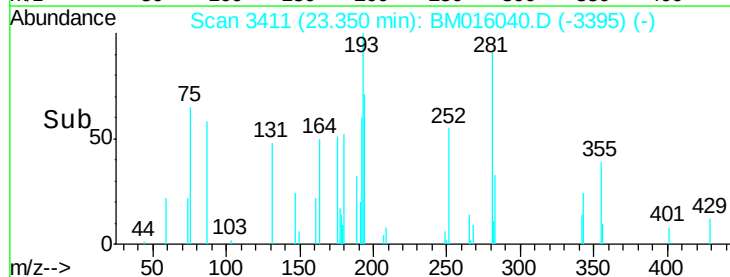
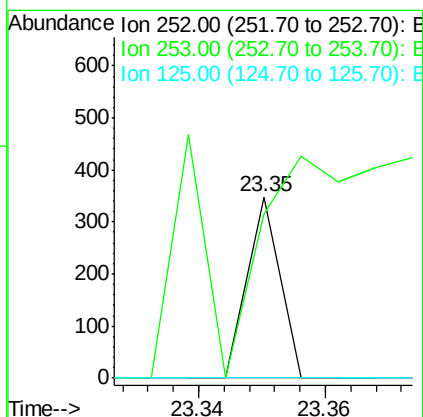
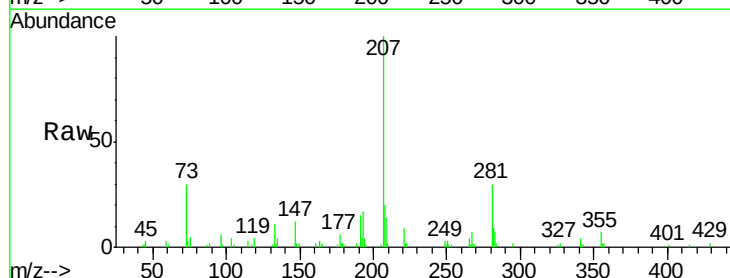
Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.6	27.8
265	22.1	17.3	25.9

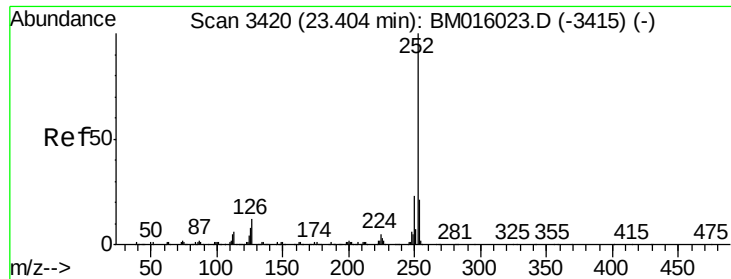


#87
Benzo(b)fluoranthene
Concen: 0.011 ng
RT: 23.35 min Scan# 3411
Delta R.T. -0.01 min
Lab File: BM016040.D
Acq: 23 Jul 2018 23:55

Tgt Ion: 252 Resp: 123

Ion	Ratio	Lower	Upper
252	100		
253	90.8	18.0	27.0#
125	0.0	9.9	14.9#





#88

Benzo(k)fluoranthene

Concen: 0.011 ng

RT: 23.35 min Scan# 3411

Delta R.T. -0.05 min

Lab File: BM016040.D

Acq: 23 Jul 2018 23:55

Instrument :

BNA_M

ClientSampleId :

PB111180BL

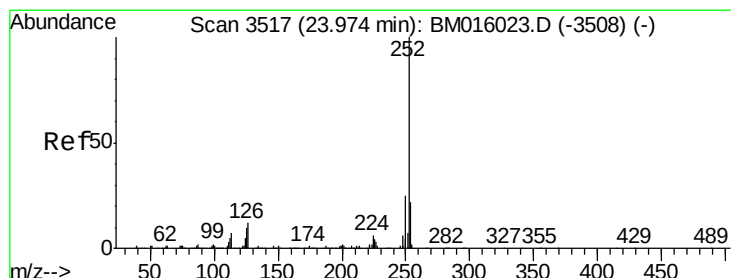
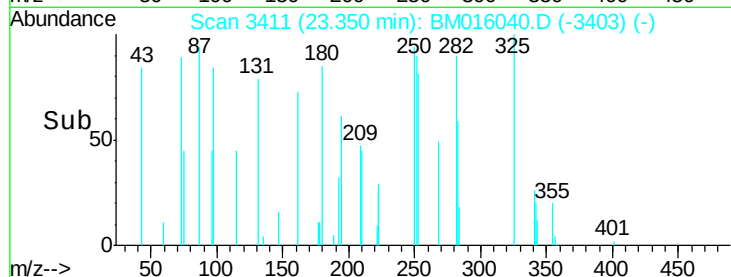
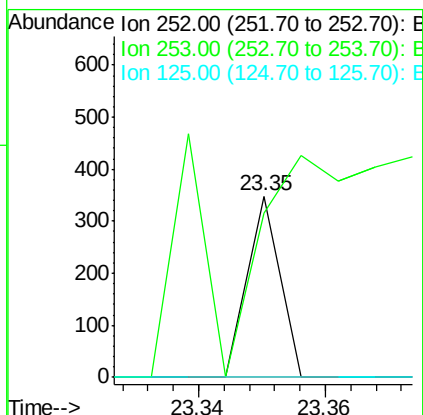
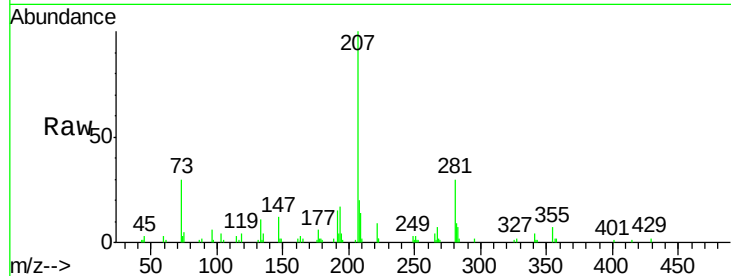
Tgt Ion:252 Resp: 123

Ion Ratio Lower Upper

252 100

253 90.8 17.2 25.8#

125 0.0 8.1 12.1#



#89

Benzo(a)pyrene

Concen: 0.012 ng

RT: 23.96 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BM016040.D

Acq: 23 Jul 2018 23:55

Tgt Ion:252 Resp: 127

Ion Ratio Lower Upper

252 100

253 114.8 17.6 26.4#

125 84.7 7.4 11.2#

