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 Data File : BM014501.D
 Acq On : 06 Mar 2018 16:59
 Operator : SJ/JU
 Sample : J1797-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 07 03:56:54 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

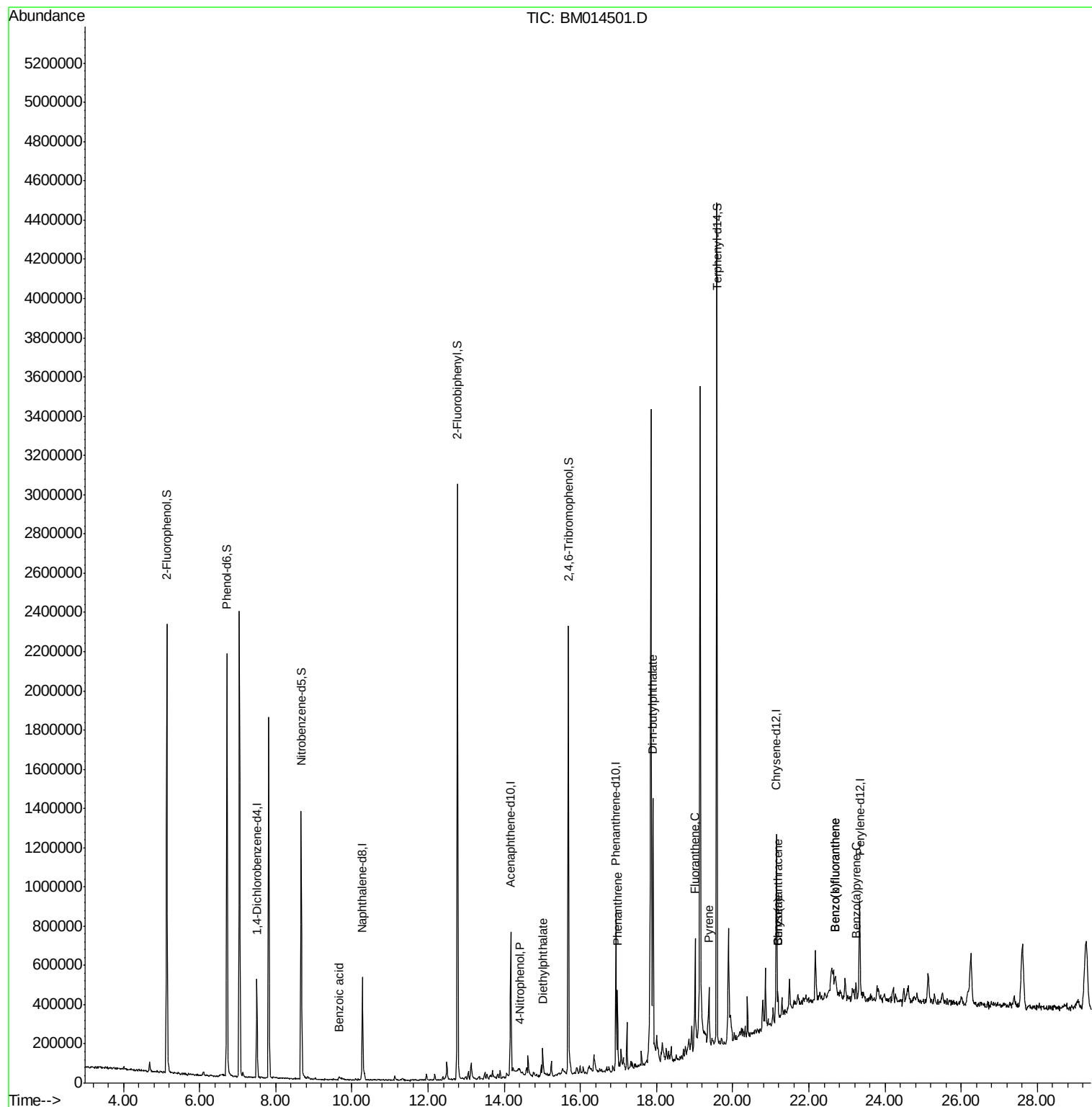
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	105186	20.00	ng	-0.04
21) Naphthalene-d8	10.27	136	390643	20.00	ng	-0.04
38) Acenaphthene-d10	14.17	164	210982	20.00	ng	-0.03
63) Phenanthrene-d10	16.93	188	434306	20.00	ng	-0.02
75) Chrysene-d12	21.15	240	380973	20.00	ng	-0.02
86) Perylene-d12	23.33	264	349640	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	782537	129.67	ng	-0.02
7) Phenol-d6	6.72	99	987662	115.56	ng	-0.02
23) Nitrobenzene-d5	8.67	82	746818	85.39	ng	-0.04
41) 2,4,6-Tribromophenol	15.69	330	314469	105.04	ng	-0.02
44) 2-Fluorobiphenyl	12.77	172	1366834	80.87	ng	-0.04
78) Terphenyl-d14	19.58	244	1541041	79.04	ng	-0.02
Target Compounds						
32) Benzoic acid	9.67	122	1782	6.534	ng	# 81
55) 4-Nitrophenol	14.40	139	261	5.868	ng	# 19
59) Diethylphthalate	15.01	149	69631	3.321	ng	99
70) Phenanthrene	16.97	178	220410	8.413	ng	99
73) Di-n-butylphthalate	17.90	149	756854	24.646	ng	# 96
74) Fluoranthene	19.01	202	189635	6.148	ng	97
77) Pyrene	19.37	202	164033	6.198	ng	95
80) Benzo(a)anthracene	21.19	228	56129	2.267	ng	98
82) Chrysene	21.19	228	64465	2.685	ng	97
87) Benzo(b)fluoranthene	22.69	252	91162	3.758	ng	# 94
88) Benzo(k)fluoranthene	22.69	252	92355	4.004	ng	# 95
89) Benzo(a)pyrene	23.24	252	52468	2.454	ng	94

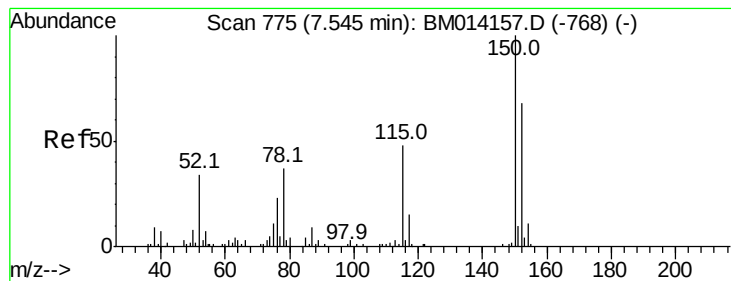
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
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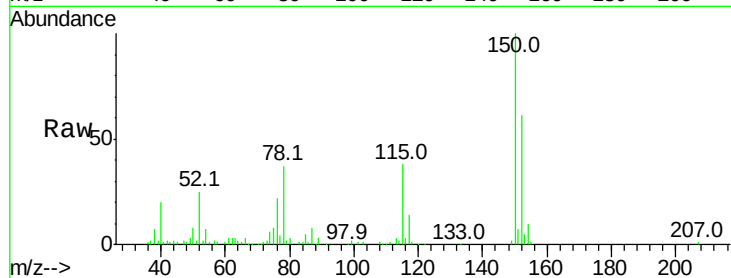


#1

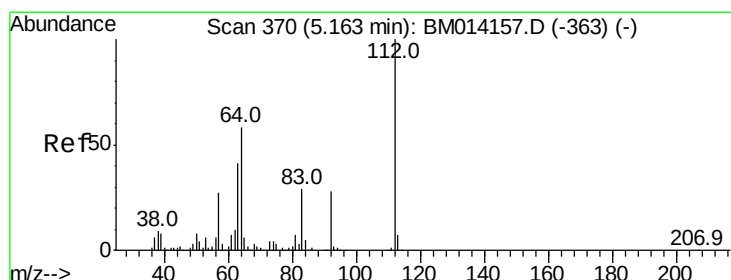
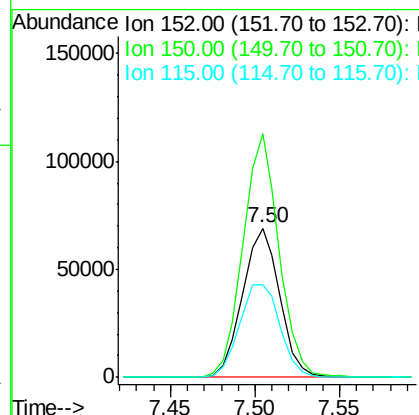
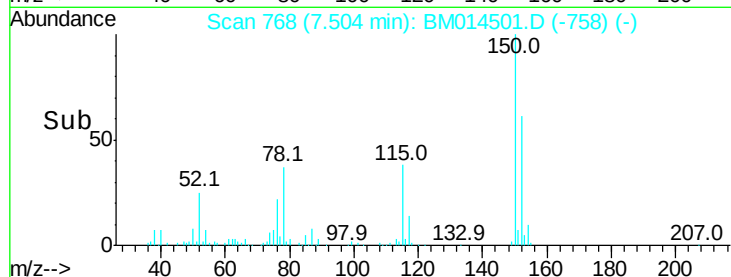
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.04 min
Lab File: BM014501.D
Acq: 06 Mar 2018 16:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.4	119.5	179.3
115	62.4	43.0	64.4



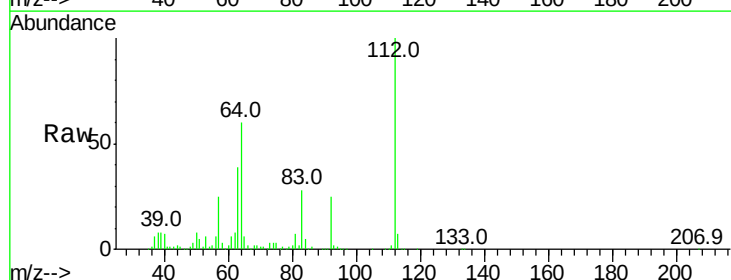
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



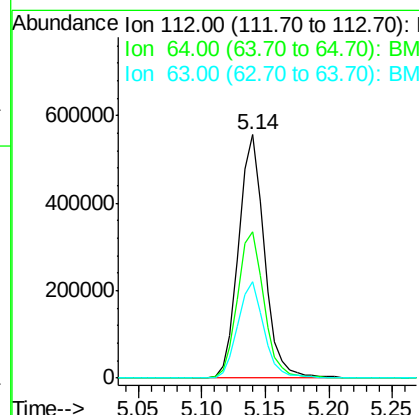
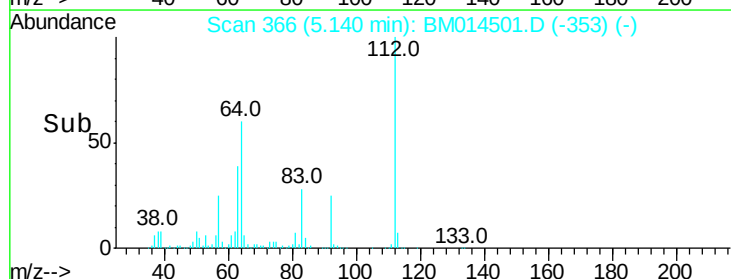
#5

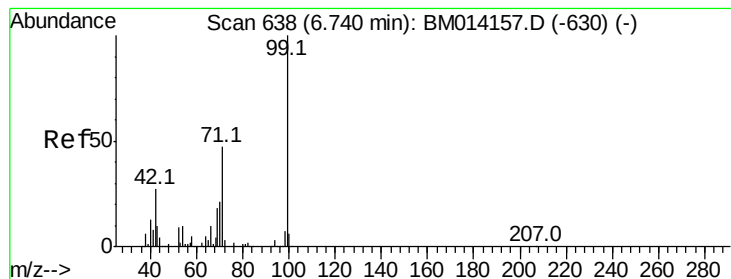
2-Fluorophenol
Concen: 129.670 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.02 min
Lab File: BM014501.D
Acq: 06 Mar 2018 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	38.6	57.8#
63	39.5	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: 115.556 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.02 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Instrument :

BNA_M

ClientSampleId :

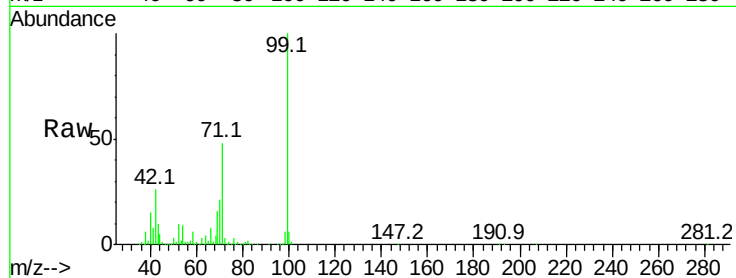
Tot Ion: 99 Resp: 987662

Ion Ratio Lower Upper

99 100

42 25.8 11.0 16.4#

71 47.7 23.4 35.2#

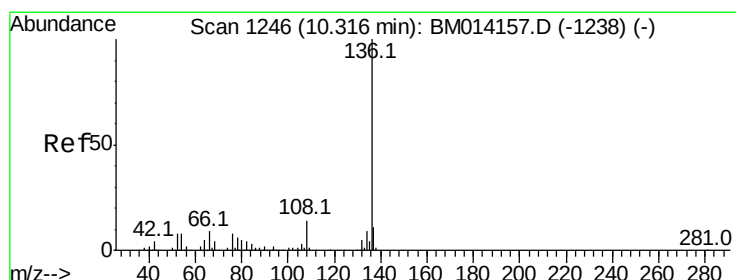
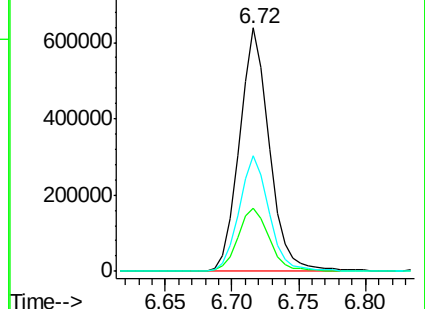
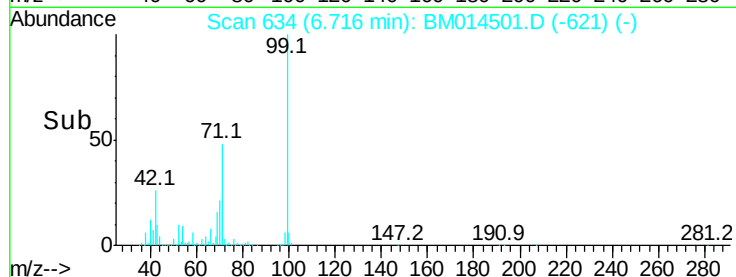


Abundance Ion 99.00 (98.70 to 99.70): BM014501.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014501.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014501.D (-621) (-)

6.72



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.27 min Scan# 1239

Delta R.T. -0.04 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Tgt Ion: 136 Resp: 390643

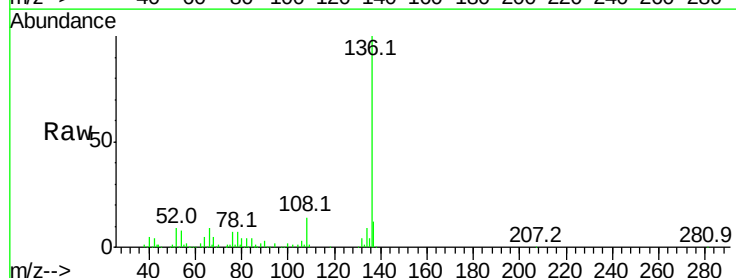
Ion Ratio Lower Upper

136 100

137 12.2 8.7 13.1

54 8.1 4.6 6.8#

68 5.4 3.7 5.5



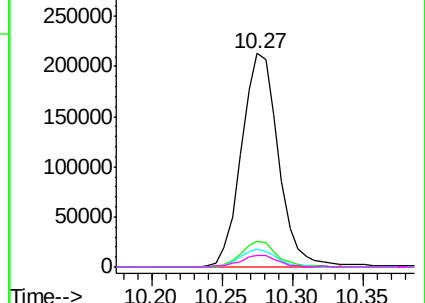
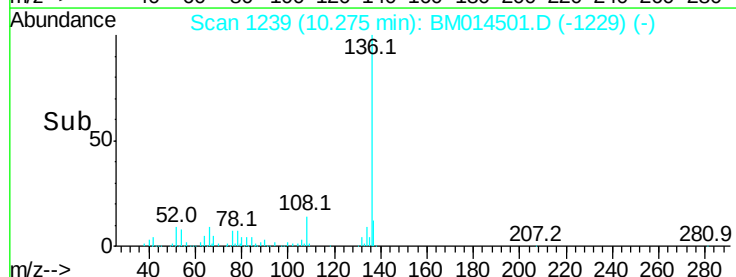
Abundance Ion 136.00 (135.70 to 136.70): BM014501.D (-1229) (-)

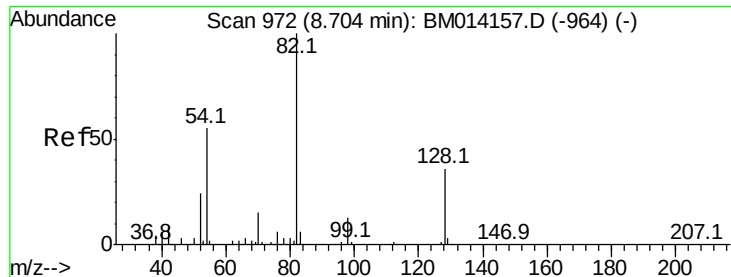
Ion 137.00 (136.70 to 137.70): BM014501.D (-1229) (-)

Ion 54.00 (53.70 to 54.70): BM014501.D (-1229) (-)

Ion 68.00 (67.70 to 68.70): BM014501.D (-1229) (-)

10.27

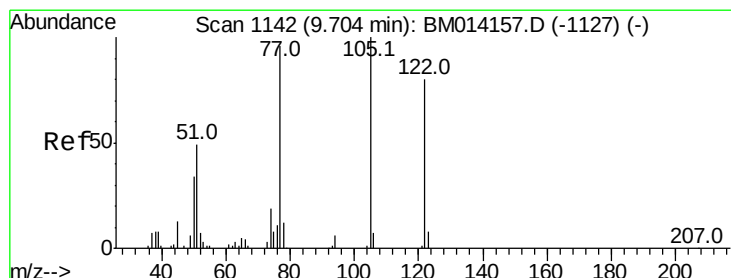
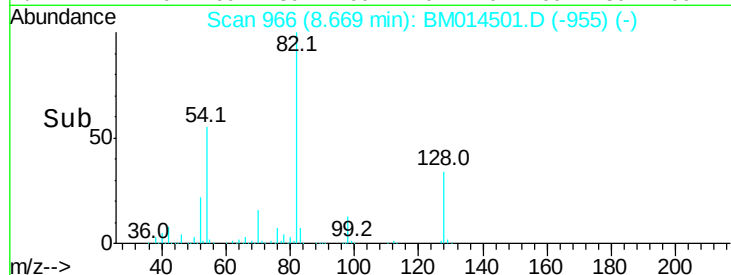
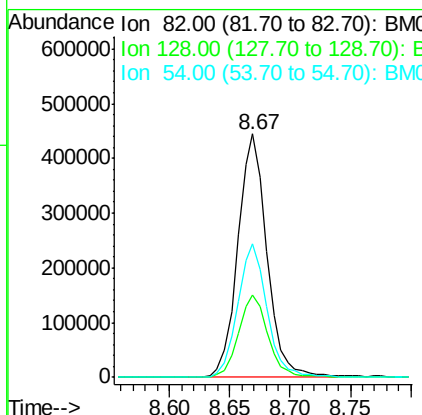
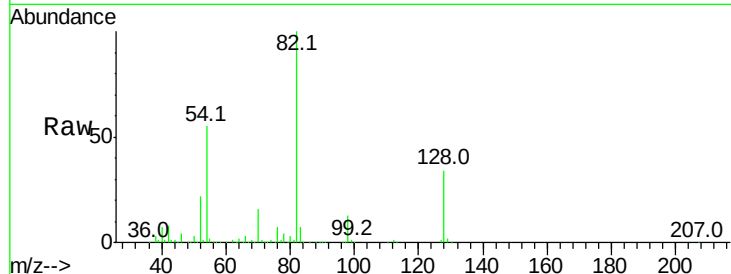




#23
 Nitrobenzene-d5
 Concen: 85.394 ng
 RT: 8.67 min Scan# 966
 Delta R.T. -0.04 min
 Lab File: BM014501.D
 Acq: 06 Mar 2018 16:59

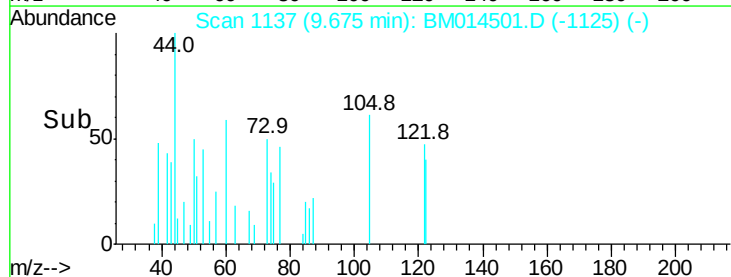
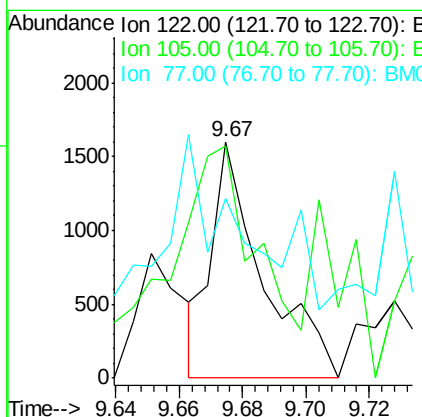
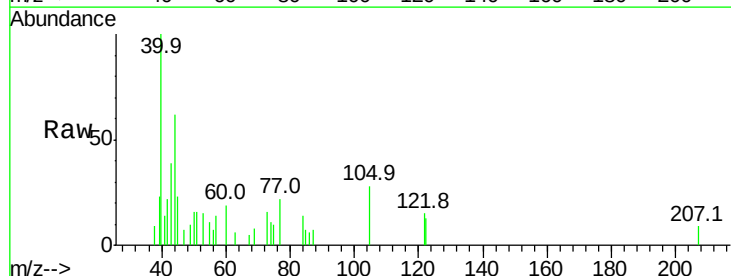
Instrument :
 BNA_M
 ClientSampled :

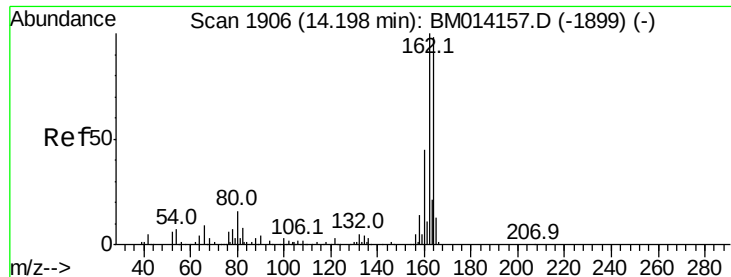
Tot Ion: 82 Resp: 746818
 Ion Ratio Lower Upper
 82 100
 128 33.7 32.8 49.2
 54 54.9 40.6 60.8



#32
 Benzoic acid
 Concen: 6.534 ng
 RT: 9.67 min Scan# 1137
 Delta R.T. -0.03 min
 Lab File: BM014501.D
 Acq: 06 Mar 2018 16:59

Tgt Ion: 122 Resp: 1782
 Ion Ratio Lower Upper
 122 100
 105 98.3 99.9 139.9#
 77 76.1 73.7 113.7

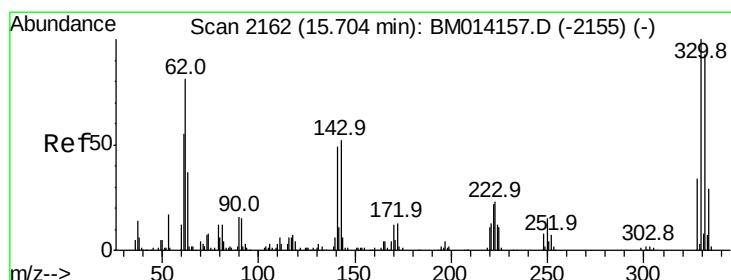
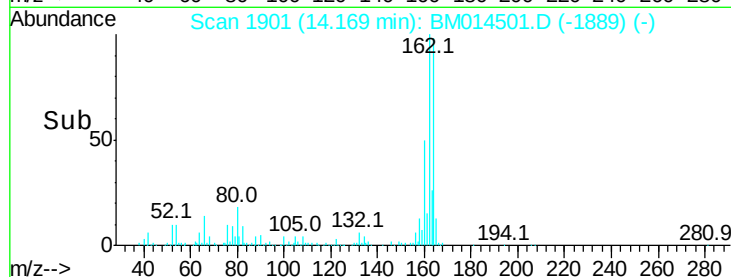
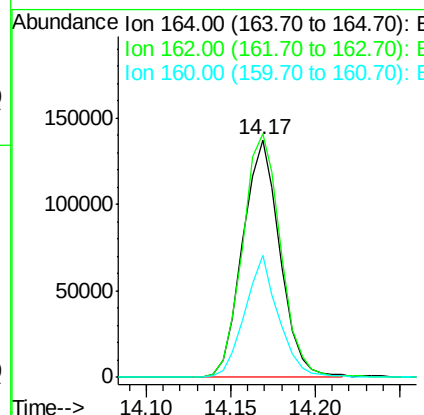
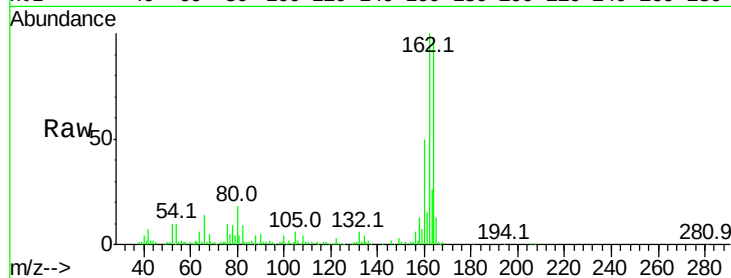




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1901
Delta R.T. -0.03 min
Lab File: BM014501.D
Acq: 06 Mar 2018 16:59

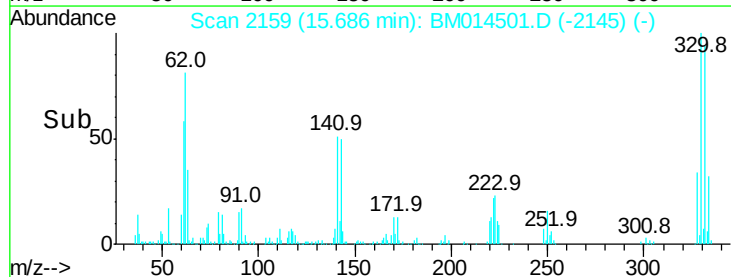
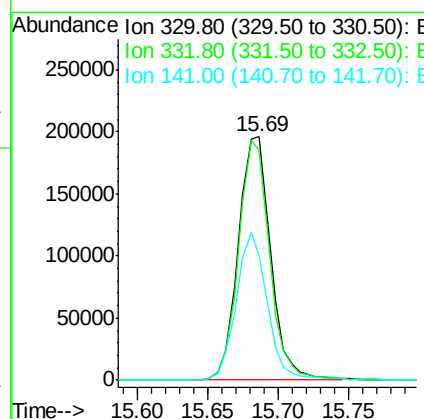
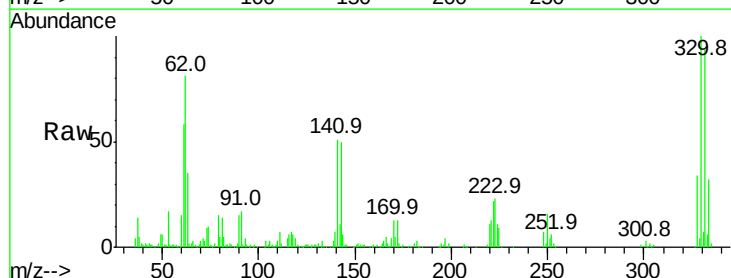
Instrument :
BNA_M
ClientSampleId :

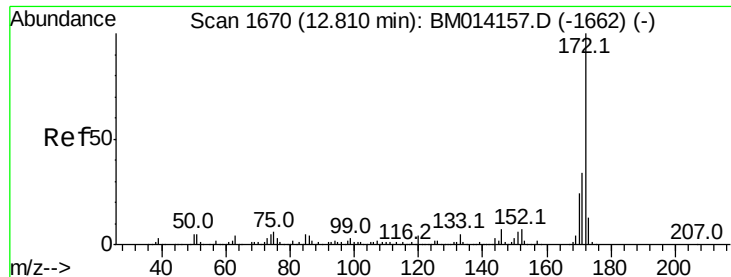
Tot Ion:164 Resp: 210982
Ion Ratio Lower Upper
164 100
162 102.5 82.4 123.6
160 51.2 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 105.041 ng
RT: 15.69 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BM014501.D
Acq: 06 Mar 2018 16:59

Tgt Ion:330 Resp: 314469
Ion Ratio Lower Upper
330 100
332 94.6 0.0 0.0#
141 57.7 0.0 0.0#

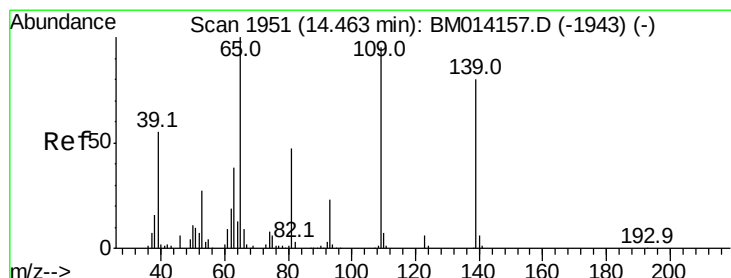
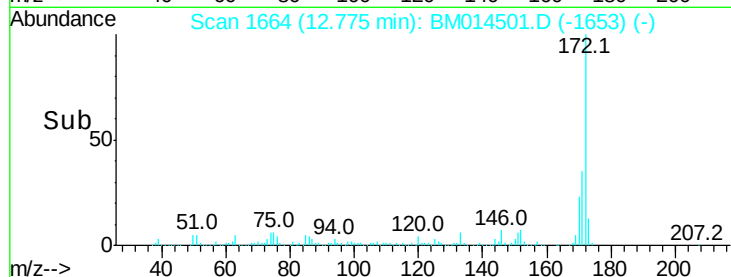
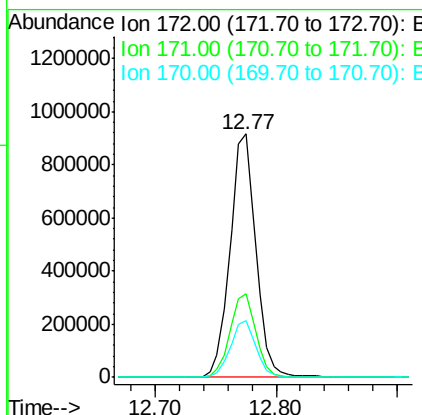
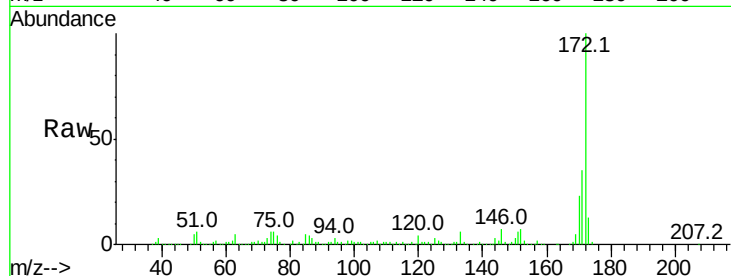




#44
 2-Fluorobiphenyl
 Concen: 80.871 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.04 min
 Lab File: BM014501.D
 Acq: 06 Mar 2018 16:59

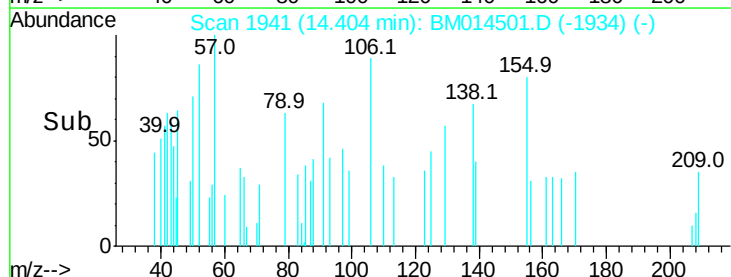
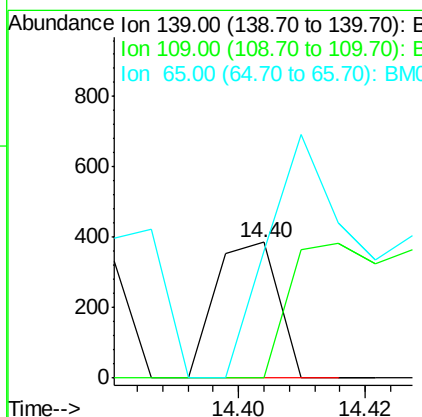
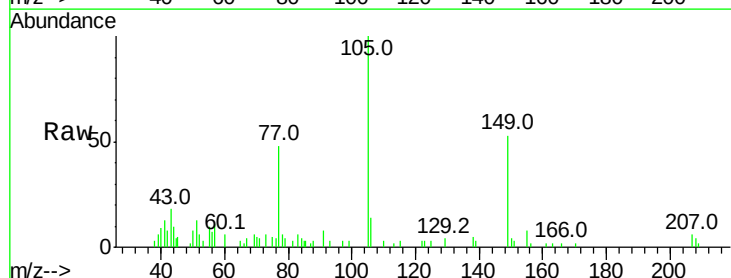
Instrument :
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 ClientSampleId :

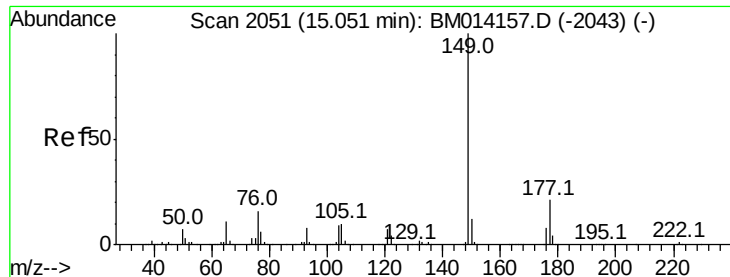
Tot Ion:172 Resp: 1366834
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.1 18.8 28.2



#55
 4-Nitrophenol
 Concen: 5.868 ng
 RT: 14.40 min Scan# 1941
 Delta R.T. -0.06 min
 Lab File: BM014501.D
 Acq: 06 Mar 2018 16:59

Tgt Ion:139 Resp: 261
 Ion Ratio Lower Upper
 139 100
 109 0.0 130.0 170.0#
 65 93.5 130.0 170.0#

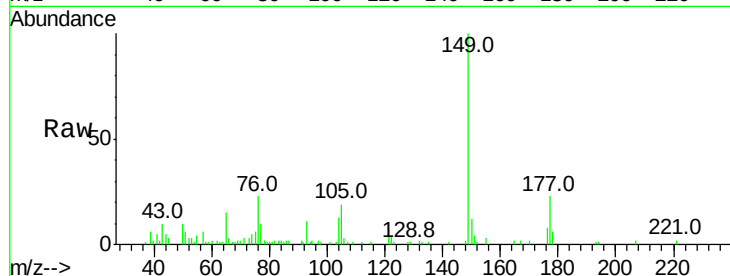




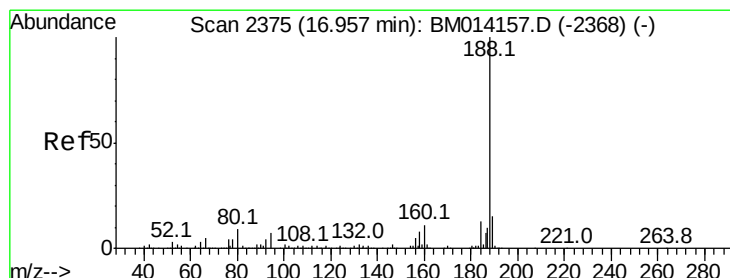
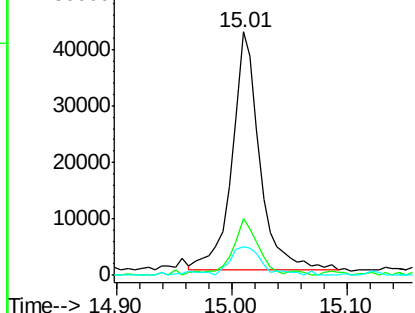
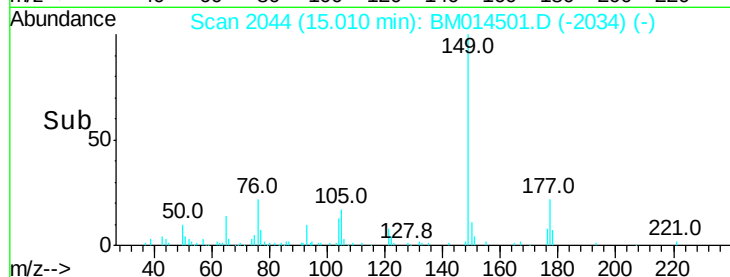
#59
Diethylphthalate
Concen: 3.321 ng
RT: 15.01 min Scan# 2044
Delta R.T. -0.04 min
Lab File: BM014501.D
Acq: 06 Mar 2018 16:59

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 69631
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 11.6 9.8 14.8

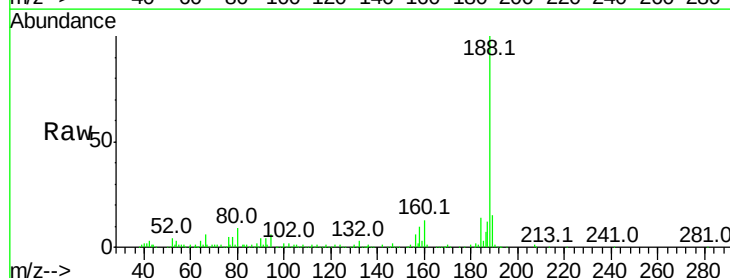


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

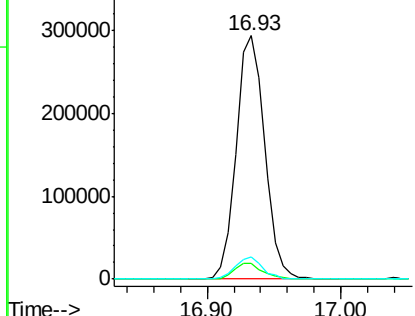
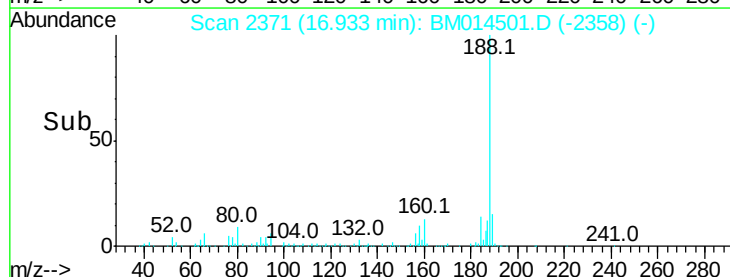


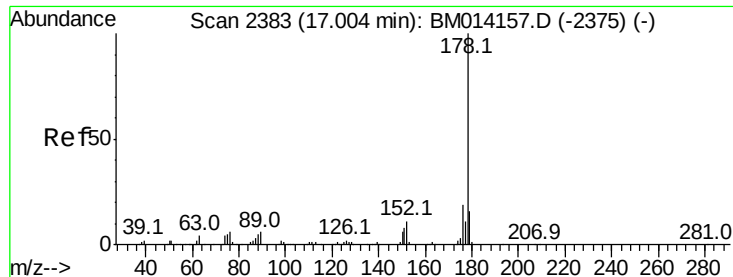
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM014501.D
Acq: 06 Mar 2018 16:59

Tgt Ion:188 Resp: 434306
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 8.9 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

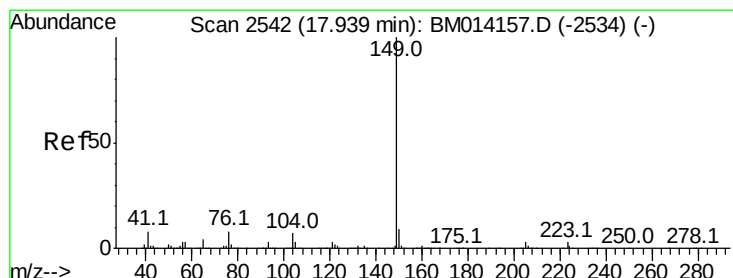
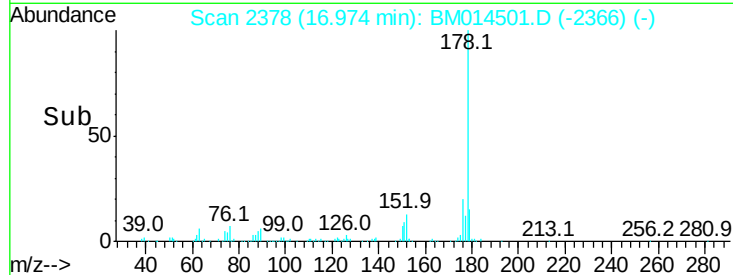
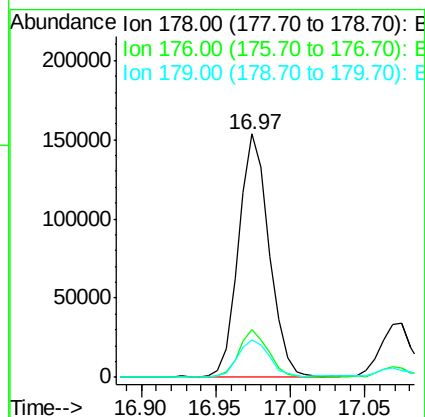
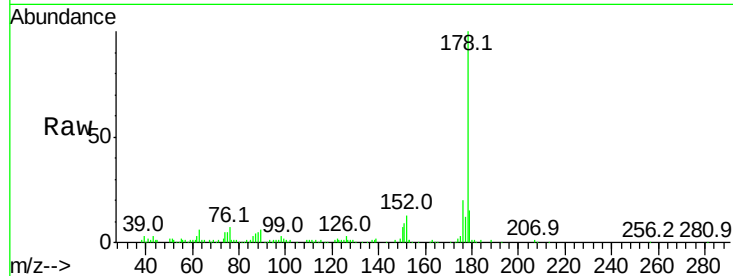




#70
 Phenanthrene
 Concen: 8.413 ng
 RT: 16.97 min Scan# 2378
 Delta R.T. -0.03 min
 Lab File: BM014501.D
 Acq: 06 Mar 2018 16:59

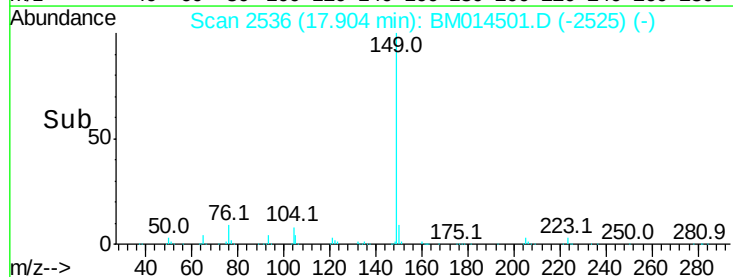
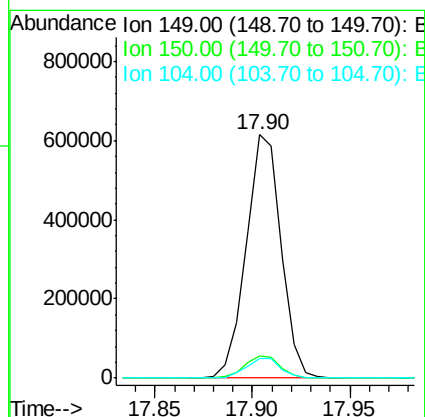
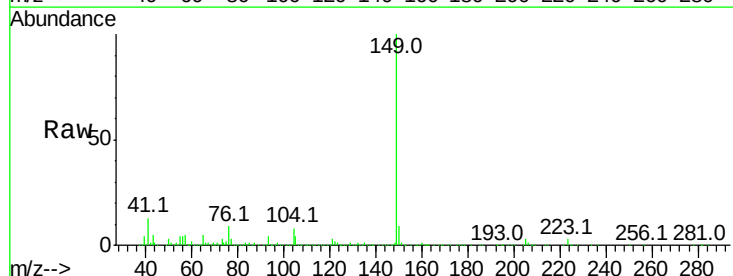
Instrument :
 BNA_M
 ClientSampleId :

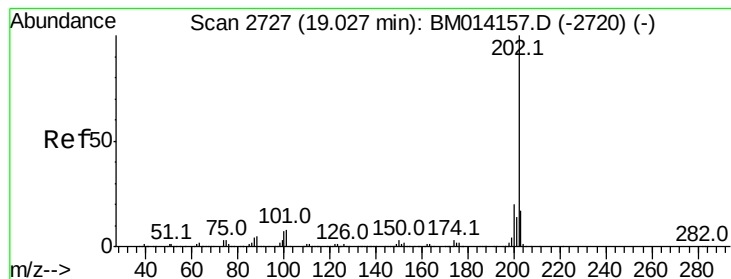
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.2	22.8
179	15.4	12.1	18.1



#73
 Di-n-butylphthalate
 Concen: 24.646 ng
 RT: 17.90 min Scan# 2536
 Delta R.T. -0.04 min
 Lab File: BM014501.D
 Acq: 06 Mar 2018 16:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	8.3	3.7	5.5





#74

Fluoranthene

Concen: 6.148 ng

RT: 19.01 min Scan# 2724

Delta R.T. -0.02 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Instrument :

BNA_M

ClientSampleId :

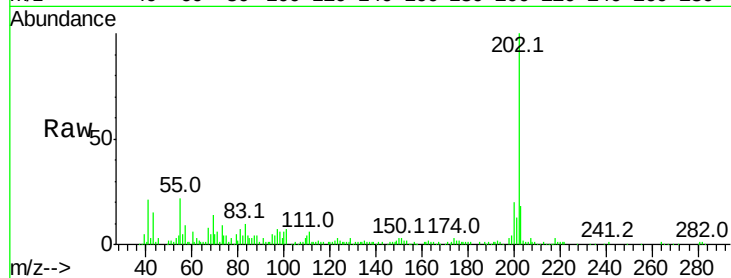
Tot Ion:202 Resp: 189635

Ion Ratio Lower Upper

202 100

101 6.9 0.0 28.7

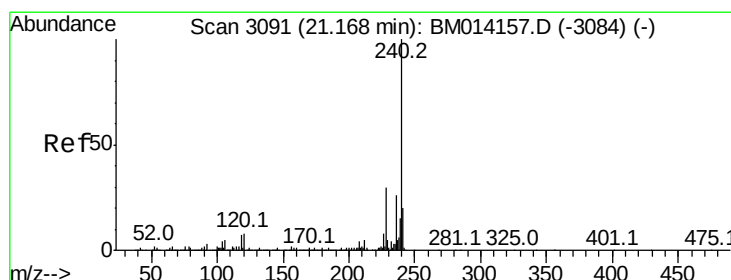
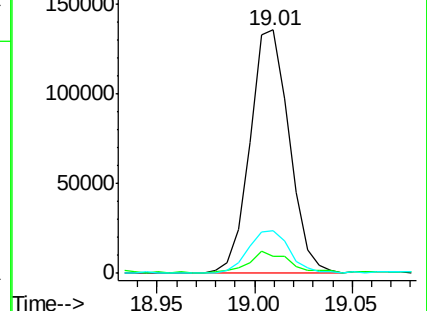
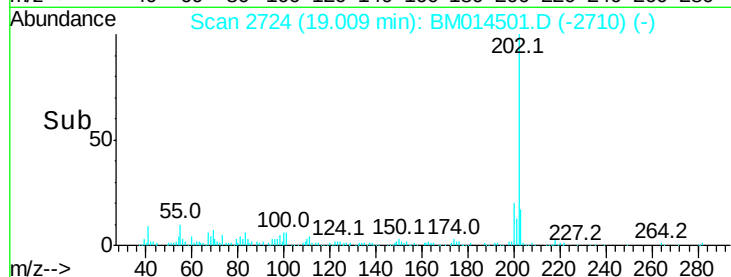
203 17.8 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

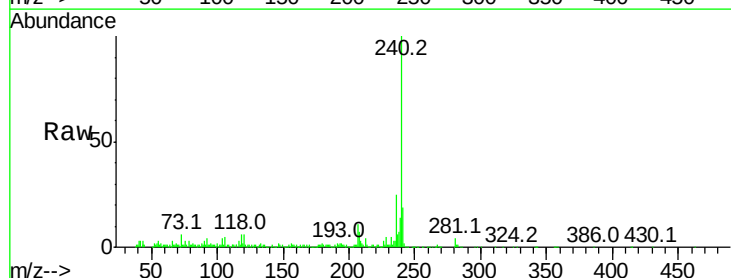
Tgt Ion:240 Resp: 380973

Ion Ratio Lower Upper

240 100

120 5.7 8.2 12.2#

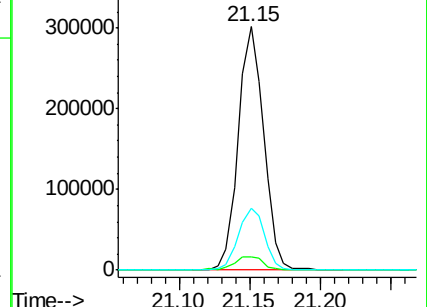
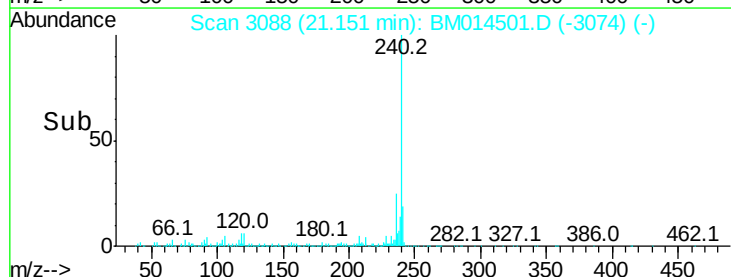
236 25.3 20.0 30.0

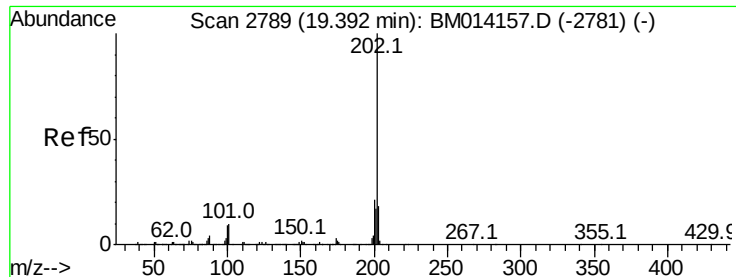


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 6.198 ng

RT: 19.37 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Instrument :

BNA_M

ClientSampleId :

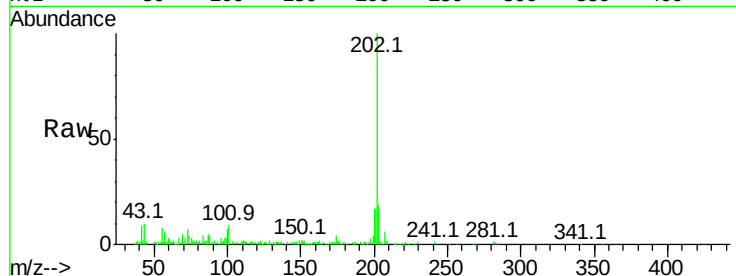
Tot Ion:202 Resp: 164033

Ion Ratio Lower Upper

202 100

200 17.5 16.9 25.3

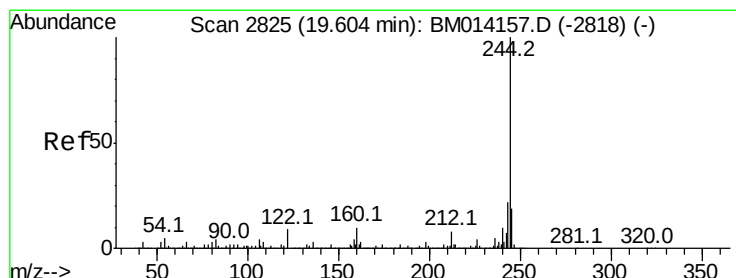
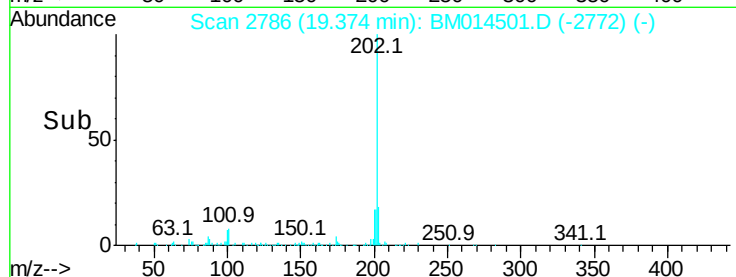
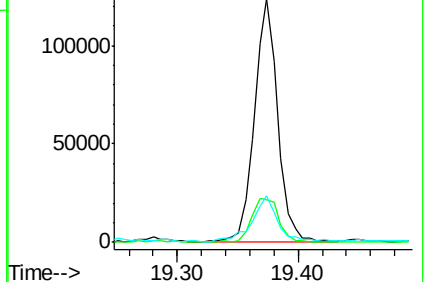
203 18.8 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.037 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

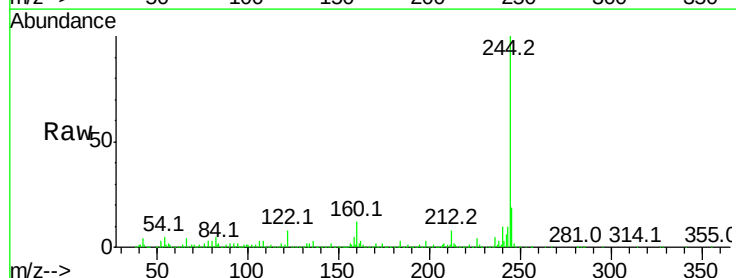
Tgt Ion:244 Resp: 1541041

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

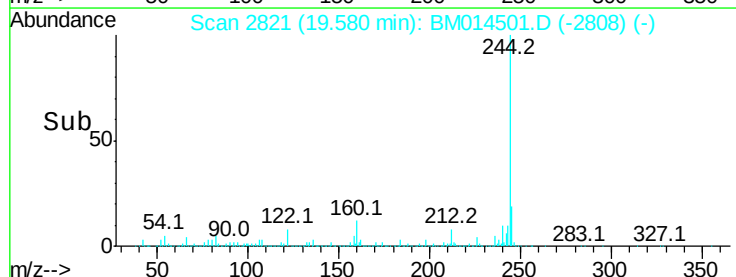
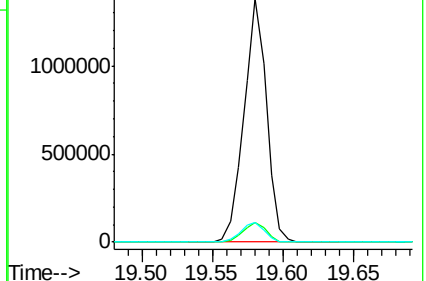
122 8.0 6.2 9.4

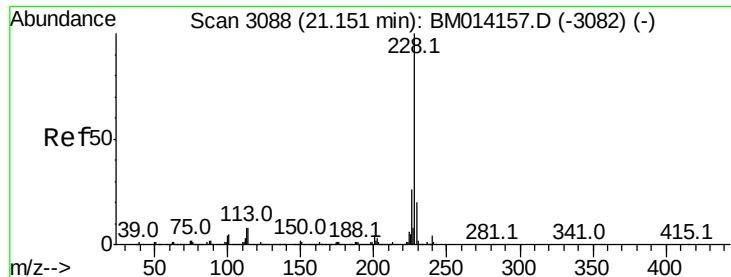


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.267 ng

RT: 21.19 min Scan# 3094

Delta R.T. 0.04 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Instrument :

BNA_M

ClientSampleId :

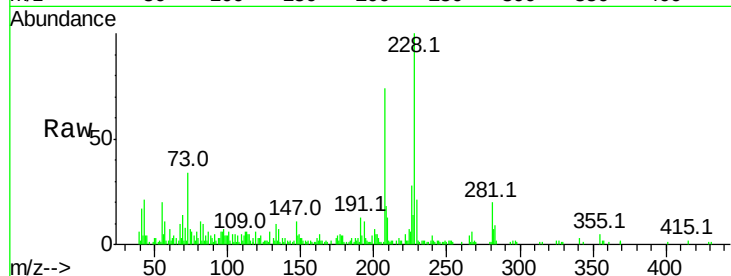
Tot Ion:228 Resp: 56129

Ion Ratio Lower Upper

228 100

226 28.0 21.7 32.5

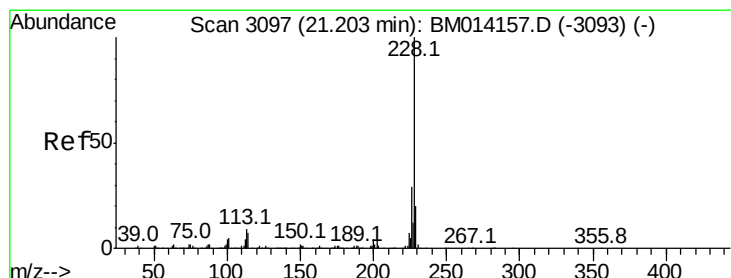
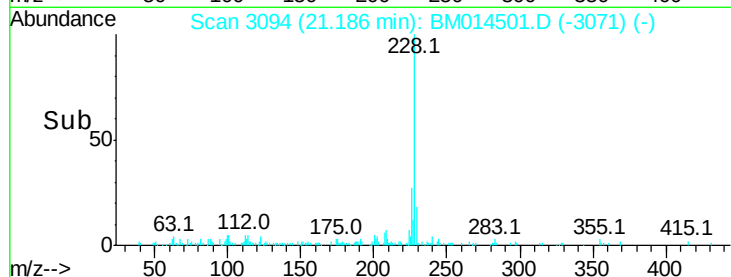
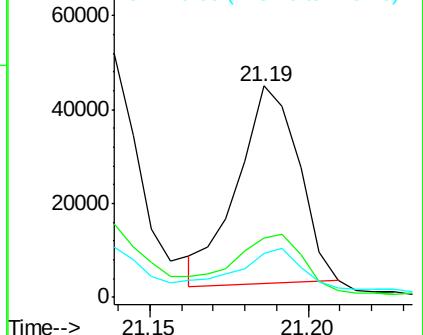
229 20.5 16.0 24.0



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: 2.685 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

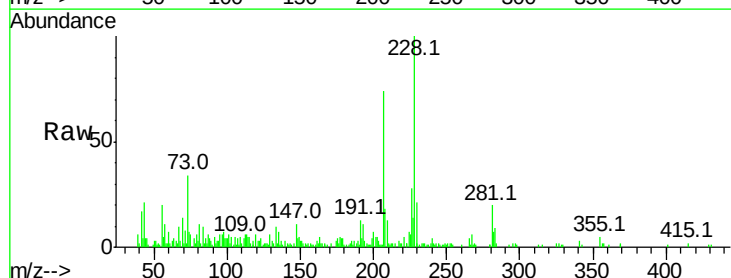
Tgt Ion:228 Resp: 64465

Ion Ratio Lower Upper

228 100

226 28.0 24.1 36.1

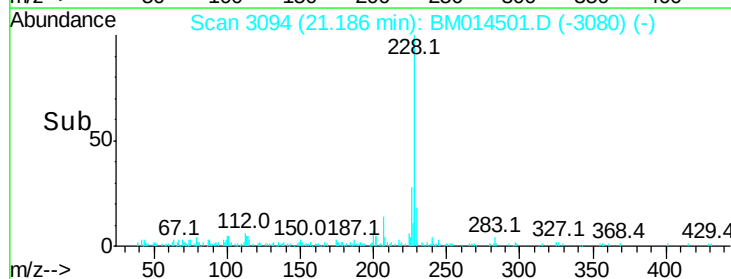
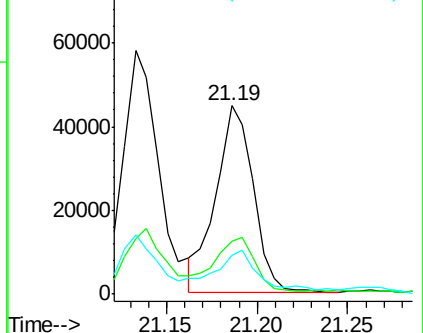
229 20.5 15.5 23.3

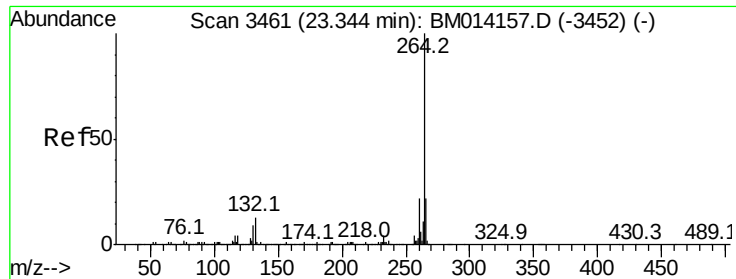


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.33 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Instrument :

BNA_M

ClientSampled :

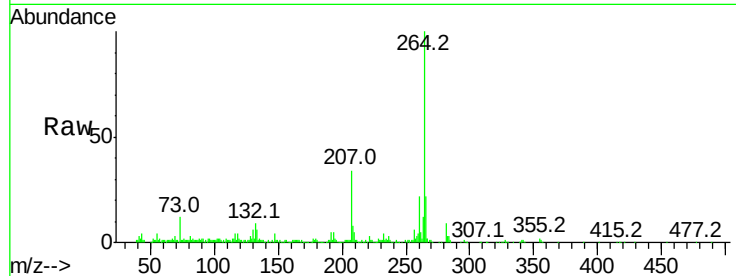
Tot Ion:264 Resp: 349640

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

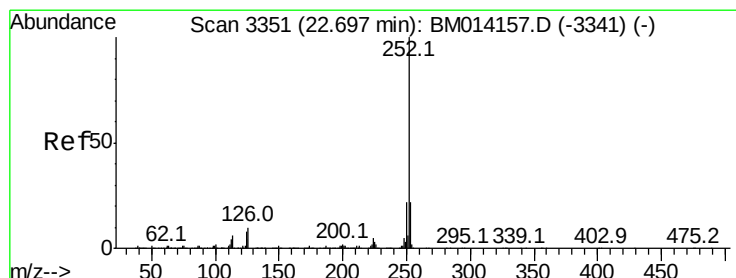
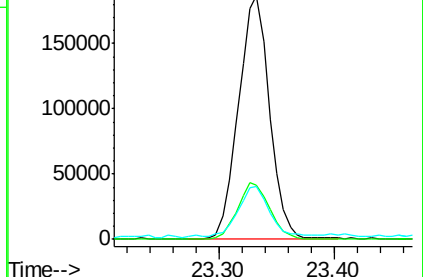
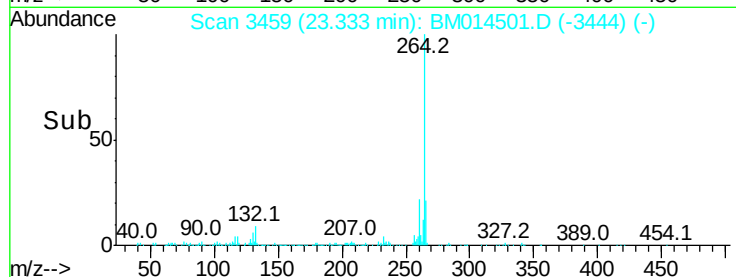
265 21.6 17.3 25.9



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



#87

Benzo(b)fluoranthene

Concen: 3.758 ng

RT: 22.69 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

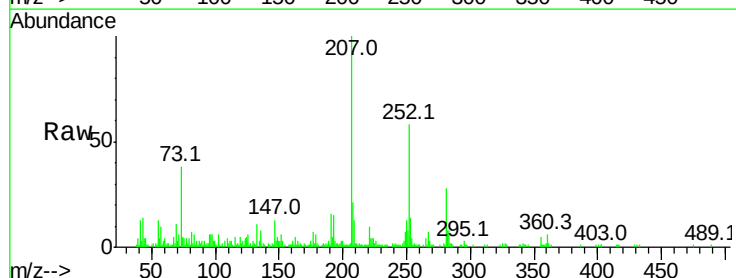
Tgt Ion:252 Resp: 91162

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

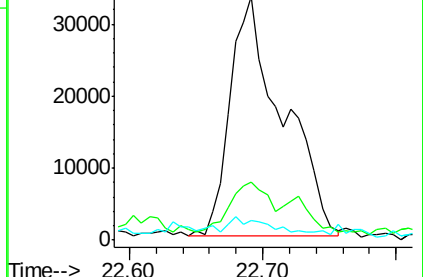
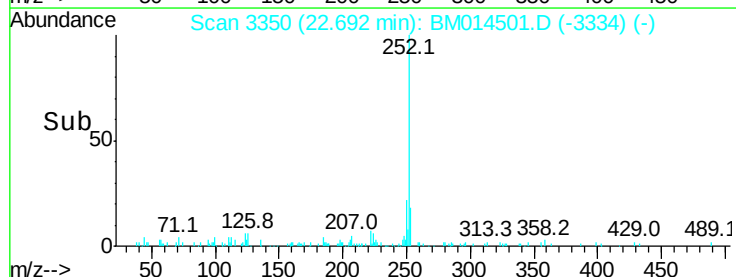
125 8.0 9.9 14.9#

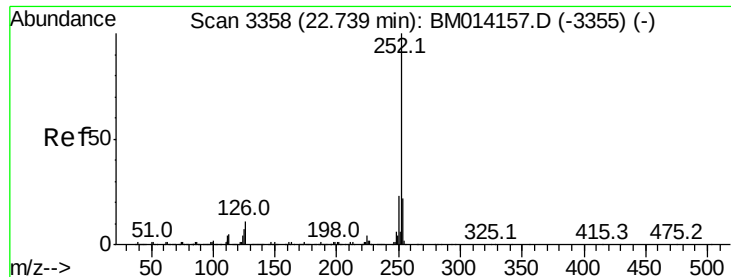


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 4.004 ng

RT: 22.69 min Scan# 3350

Delta R.T. -0.05 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

Instrument :

BNA_M

ClientSampleId :

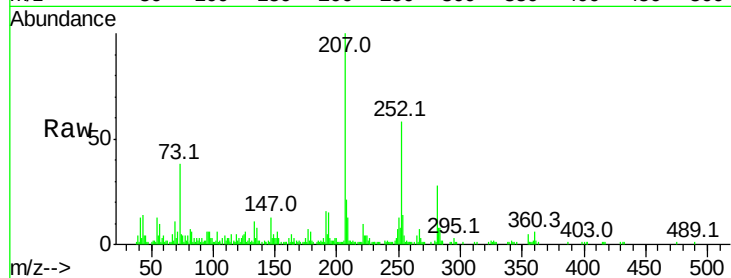
Tot Ion:252 Resp: 92355

Ion Ratio Lower Upper

252 100

253 24.1 17.2 25.8

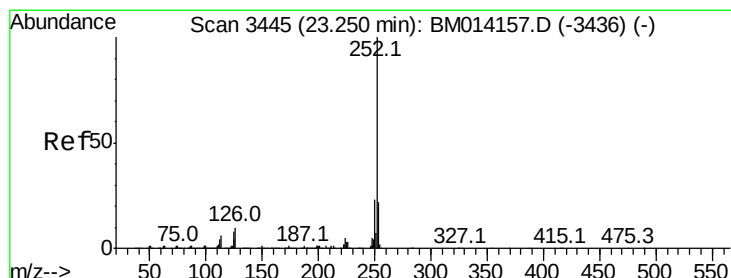
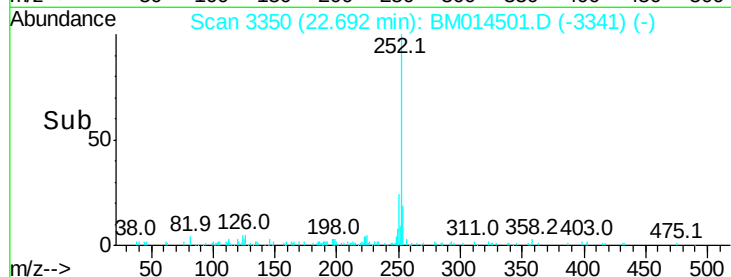
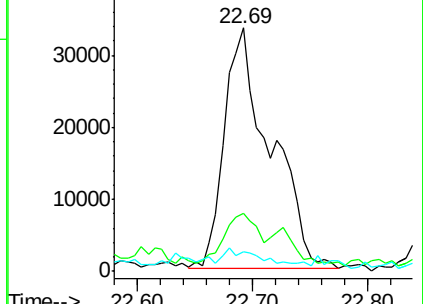
125 8.0 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 2.454 ng

RT: 23.24 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM014501.D

Acq: 06 Mar 2018 16:59

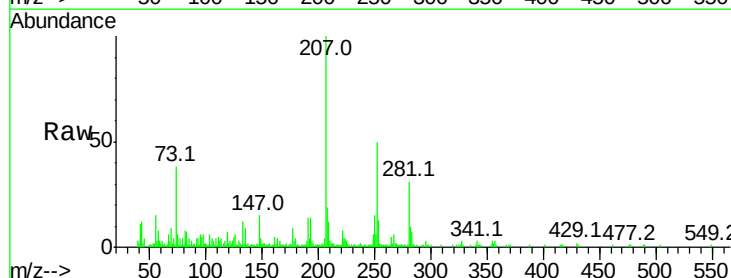
Tgt Ion:252 Resp: 52468

Ion Ratio Lower Upper

252 100

253 25.4 17.6 26.4

125 10.5 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

