

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072617\
 Data File : BM010976.D
 Acq On : 26 Jul 2017 18:26
 Operator : SJ/JU
 Sample : I4351-25DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0536DL

Quant Time: Jul 26 18:56:22 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	217805	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	877232	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	590464	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1552564	20.00	ng	0.00
75) Chrysene-d12	21.03	240	1837302	20.00	ng	0.00
86) Perylene-d12	23.14	264	1534493	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	363401	28.20	ng	0.00
7) Phenol-d6	6.59	99	533033	29.12	ng	0.00
23) Nitrobenzene-d5	8.53	82	442520	18.93	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	202239	21.37	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	906979	19.26	ng	0.00
78) Terphenyl-d14	19.47	244	1618970	17.45	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.33	42	171508	21.298	ng	# 76
11) bis(2-Chloroethyl)ether	6.83	93	391971	25.300	ng	94
12) 1,3-Dichlorobenzene	7.28	146	455768	28.589	ng	# 82
14) 1,2-Dichlorobenzene	7.73	146	299033	19.139	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.92	45	201347	14.442	ng	85
18) Hexachloroethane	8.45	117	109650	15.387	ng	# 78
19) n-Nitroso-di-n-propylamine	8.19	70	134531	8.648	ng	# 87
24) Nitrobenzene	8.58	77	856126	35.348	ng	# 87
25) Isophorone	9.10	82	717844	18.420	ng	# 87
30) 1,2,4-Trichlorobenzene	10.02	180	281930	14.957	ng	93
31) Naphthalene	10.20	128	742762	16.831	ng	98
34) Hexachlorobutadiene	10.49	225	178228	12.005	ng	94
40) Hexachlorocyclopentadiene	12.19	237	179936	12.173	ng	96
46) 2-Chloronaphthalene	12.90	162	252282	6.706	ng	# 90
48) Acenaphthylene	13.76	152	1454872	25.915	ng	99
49) Dimethylphthalate	13.52	163	575268	11.389	ng	# 97
56) 2,4-Dinitrotoluene	14.43	165	479091	33.410	ng	# 92
57) Fluorene	15.10	166	670997	13.683	ng	95
59) Diethylphthalate	14.90	149	914128	17.720	ng	100
62) Azobenzene	15.33	77	127034	2.301	ng	# 2
65) n-Nitrosodiphenylamine	15.33	169	1096201	24.671	ng	98
67) Hexachlorobenzene	16.12	284	578168	25.635	ng	# 87
71) Anthracene	16.94	178	1959278	24.166	ng	99
73) Di-n-butylphthalate	17.80	149	1875557	21.721	ng	# 96
77) Pyrene	19.24	202	2822142	25.851	ng	100
80) Benzo(a)anthracene	21.01	228	1810853	17.261	ng	99
82) Chrysene	21.01	228	1810908	17.983	ng	95
83) Bis(2-ethylhexyl)phthalate	20.97	149	214528	3.756	ng	# 97
84) Di-n-octyl phthalate	21.82	149	819011	8.836	ng	99
85) Indeno(1,2,3-cd)pyrene	25.21	276	1586306	15.210	ng	96
87) Benzo(b)fluoranthene	22.52	252	1208806	12.274	ng	# 91
88) Benzo(k)fluoranthene	22.56	252	3431476	36.353	ng	# 95
90) Dibenzo(a,h)anthracene	25.23	278	1830817	22.161	ng	# 91
91) Benzo(g,h,i)perylene	25.83	276	240421	2.964	ng	# 85

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Response via : Initial Calibration

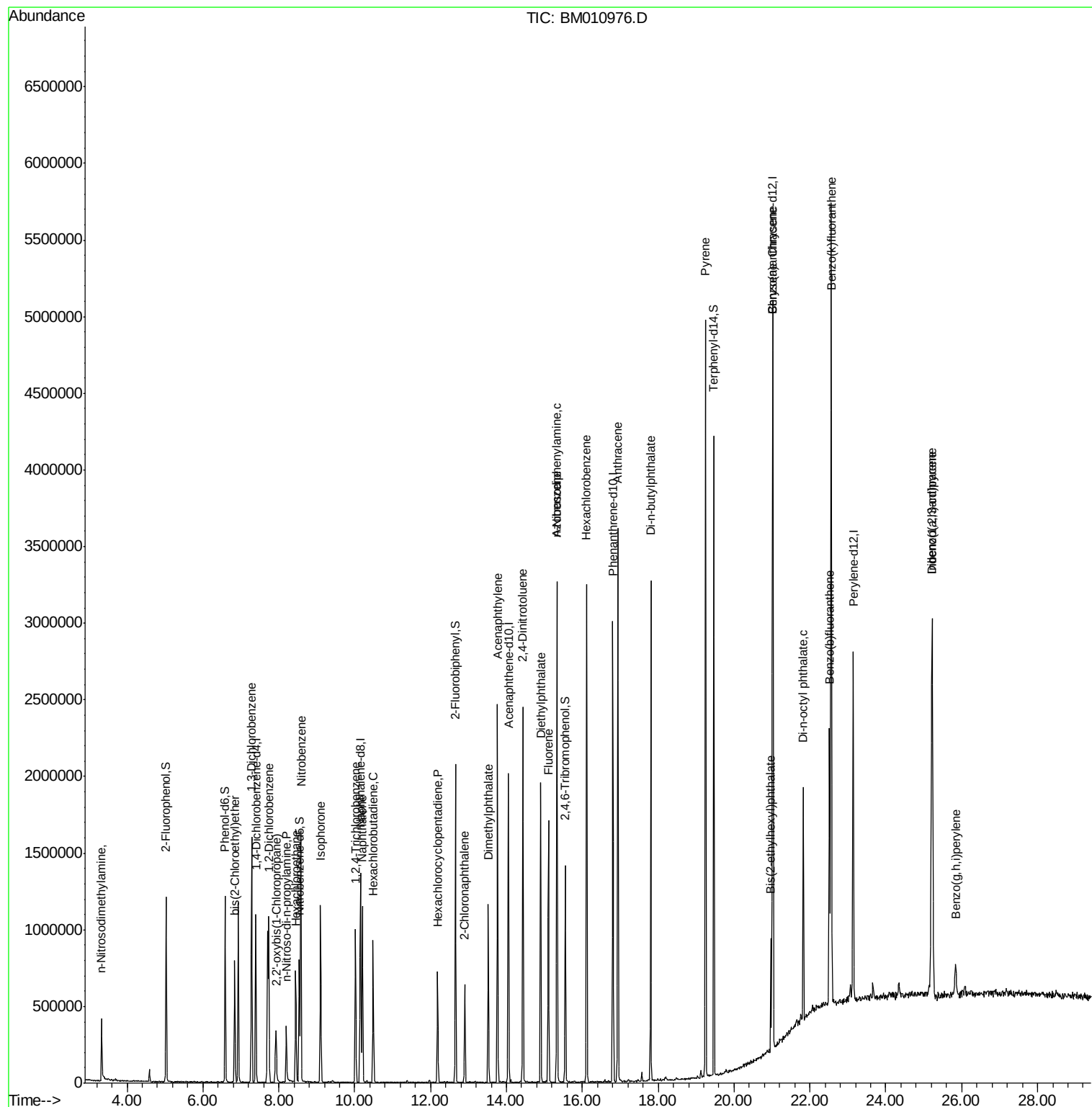
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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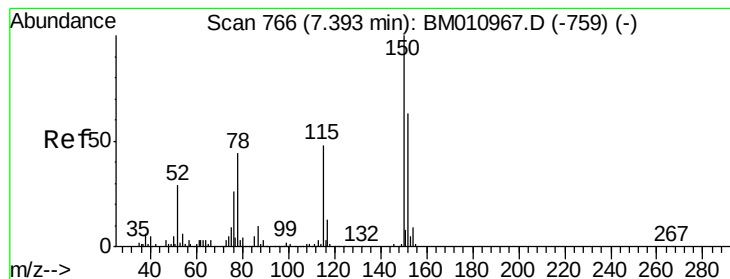
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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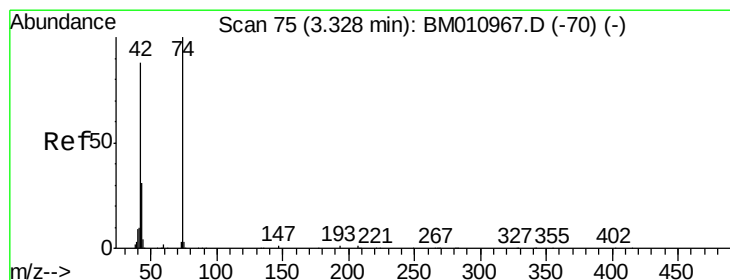
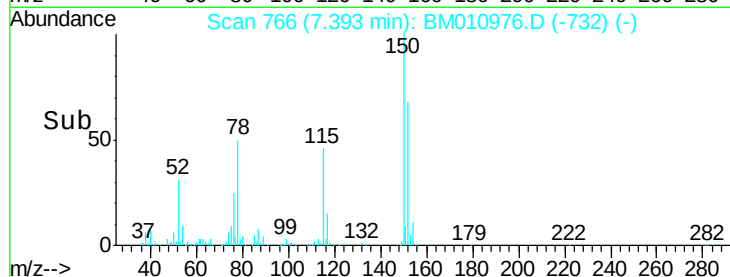
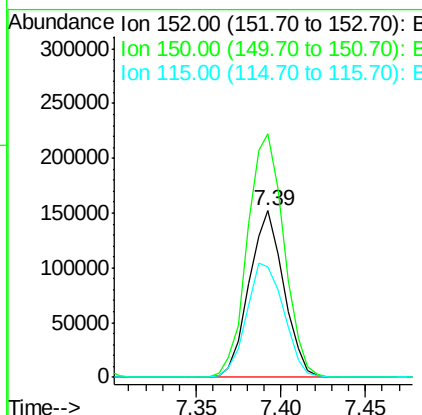
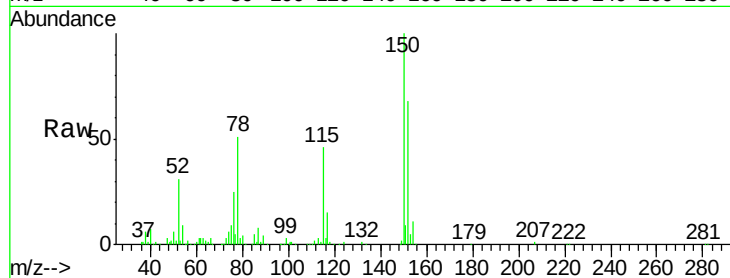


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 766
Delta R.T. 0.00 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

Instrument :
BNA_M
ClientSampleId :
0536DL

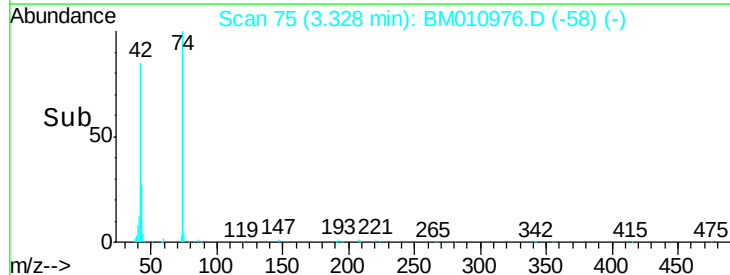
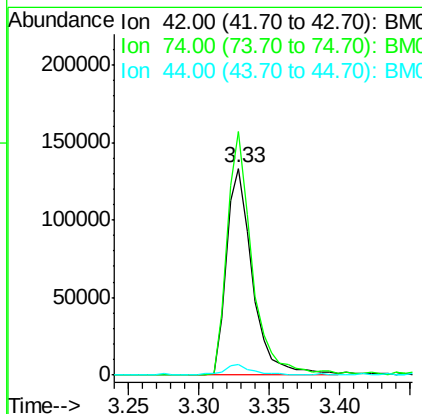
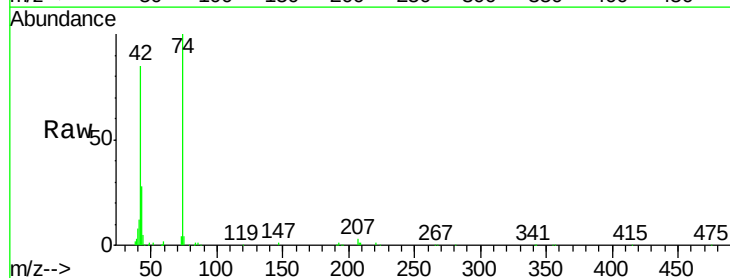
Tgt Ion:152 Resp: 217805
Ion Ratio Lower Upper
152 100
150 146.4 119.5 179.3
115 66.7 43.0 64.4#

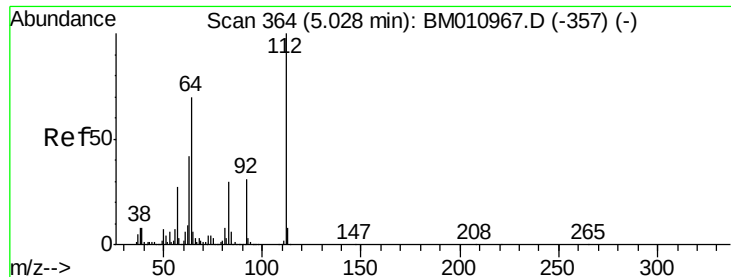


#4

n-Nitrosodimethylamine
Concen: 21.298 ng
RT: 3.33 min Scan# 75
Delta R.T. 0.00 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

Tgt Ion: 42 Resp: 171508
Ion Ratio Lower Upper
42 100
74 117.5 119.3 178.9#
44 5.4 5.4 8.2#





#5

2-Fluorophenol

Concen: 28.204 ng

RT: 5.03 min Scan# 364

Delta R.T. 0.00 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

Instrument :

BNA_M

ClientSampleId :

0536DL

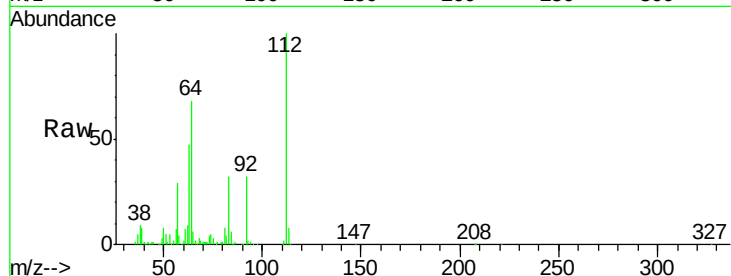
Tgt Ion: 112 Resp: 363401

Ion Ratio Lower Upper

112 100

64 68.5 38.6 57.8#

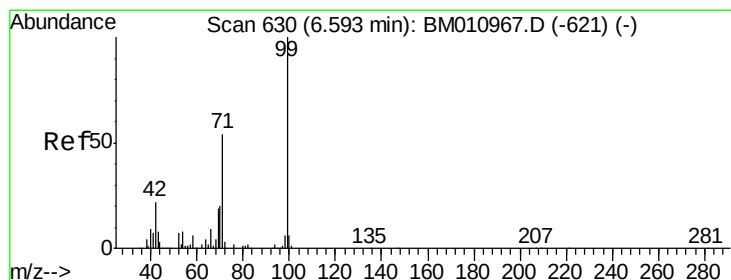
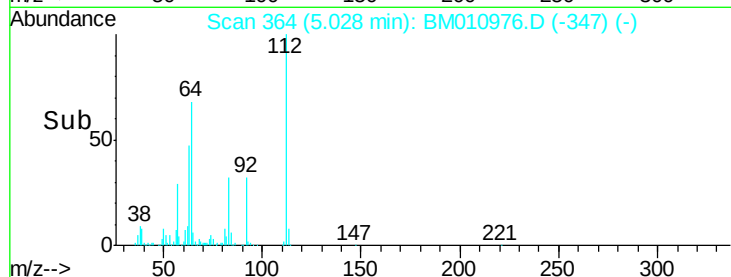
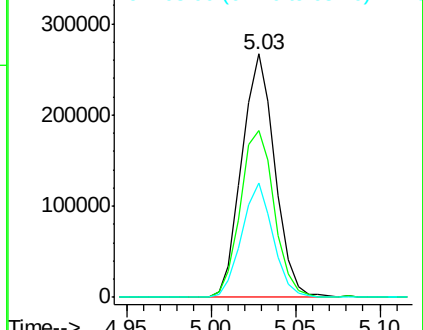
63 46.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 29.117 ng

RT: 6.59 min Scan# 629

Delta R.T. -0.01 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

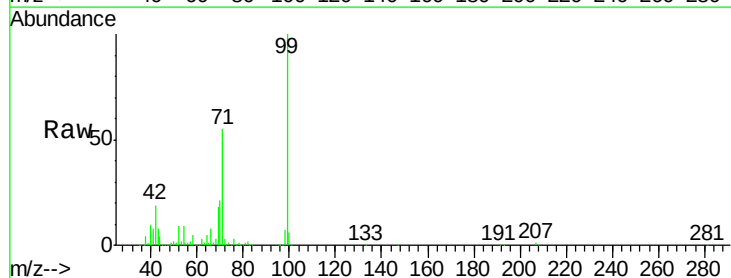
Tgt Ion: 99 Resp: 533033

Ion Ratio Lower Upper

99 100

42 19.2 11.0 16.4#

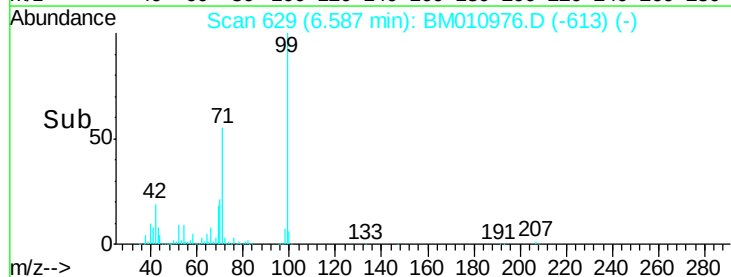
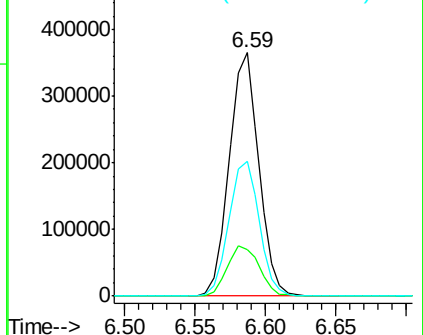
71 55.4 23.4 35.2#

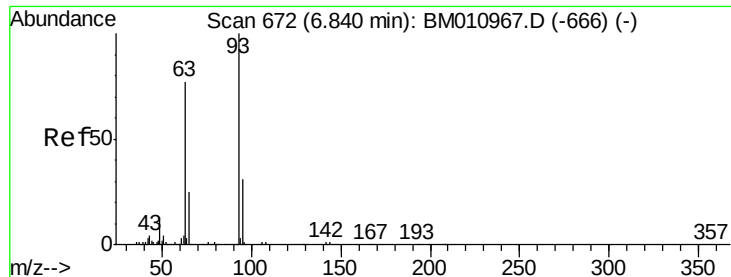


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

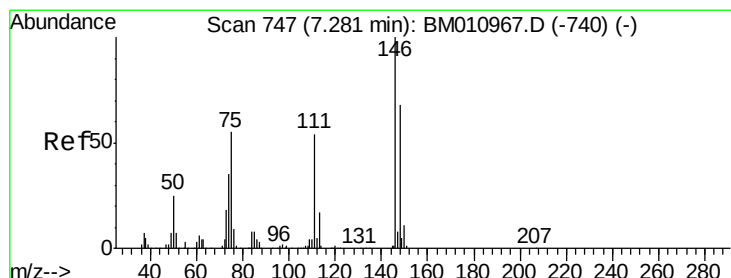
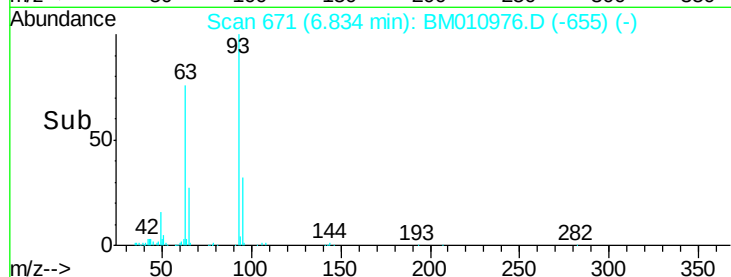
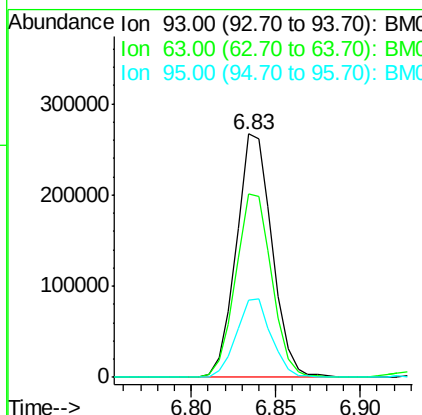
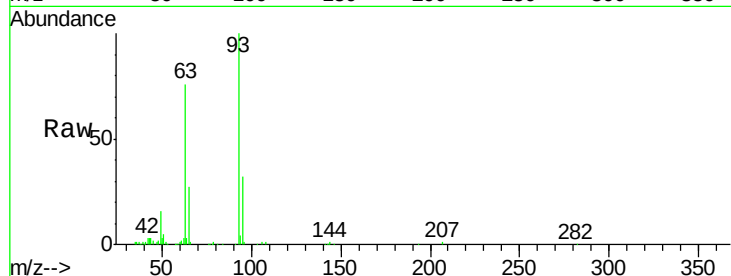




#11
bis(2-Chloroethyl)ether
Concen: 25.300 ng
RT: 6.83 min Scan# 671
Delta R.T. -0.01 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

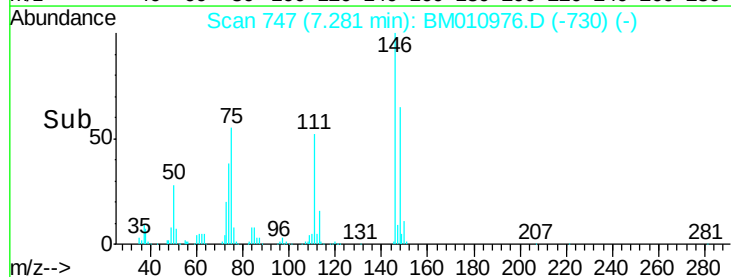
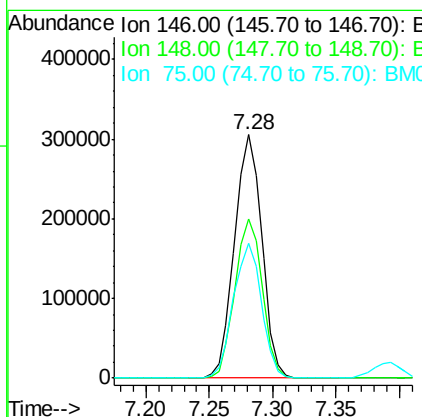
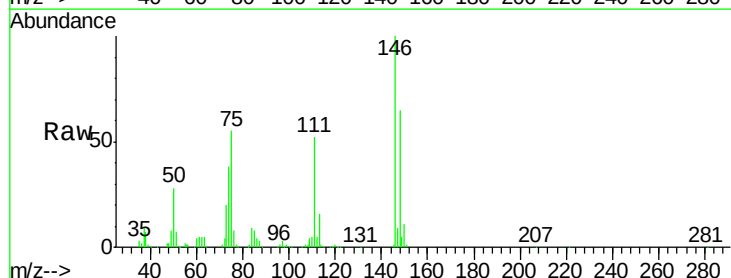
Instrument :
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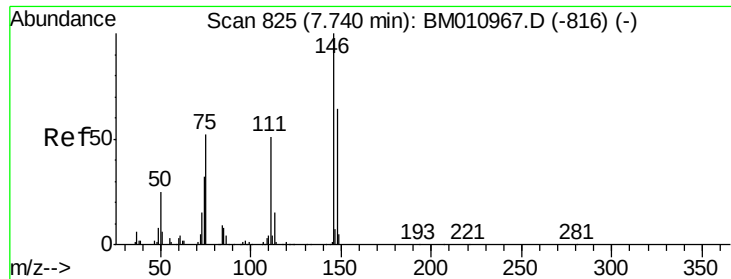
Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.6	49.5	89.5
95	32.0	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 28.589 ng
RT: 7.28 min Scan# 747
Delta R.T. 0.00 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.9	76.3
75	55.3	21.4	32.2

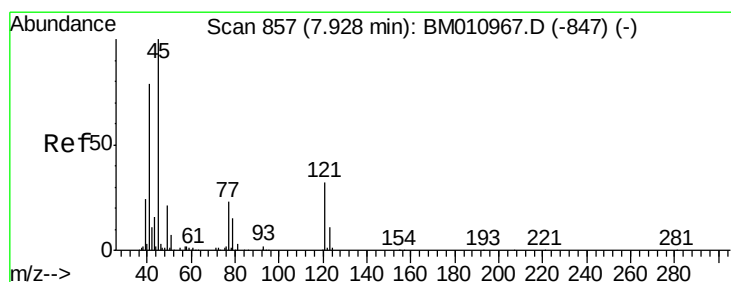
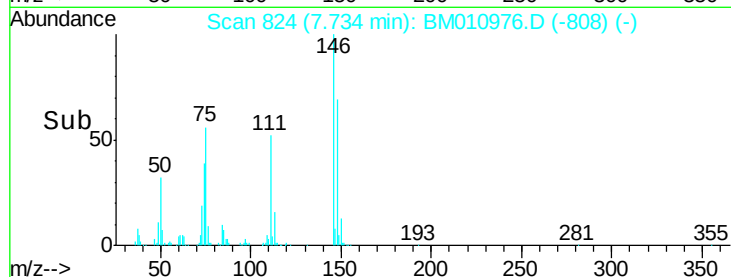
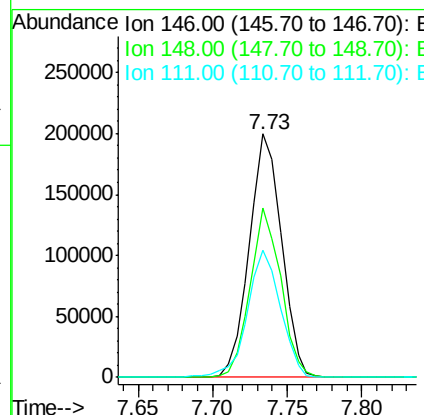
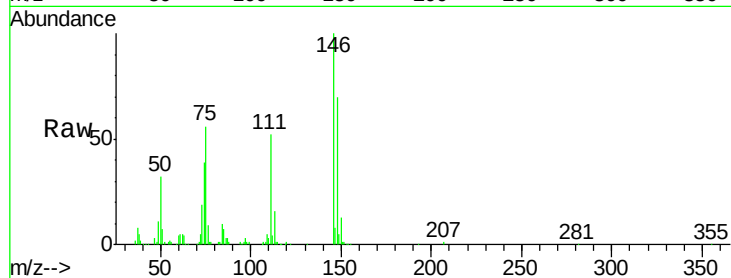




#14
 1,2-Dichlorobenzene
 Concen: 19.139 ng
 RT: 7.73 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BM010976.D
 Acq: 26 Jul 2017 18:26

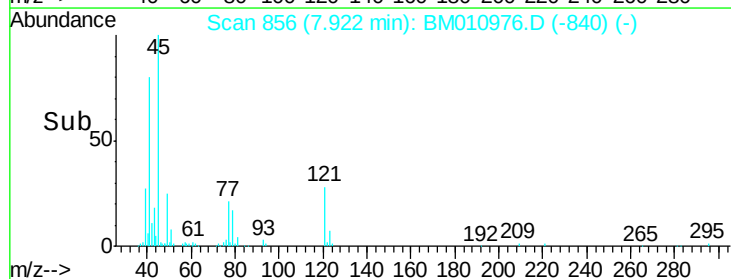
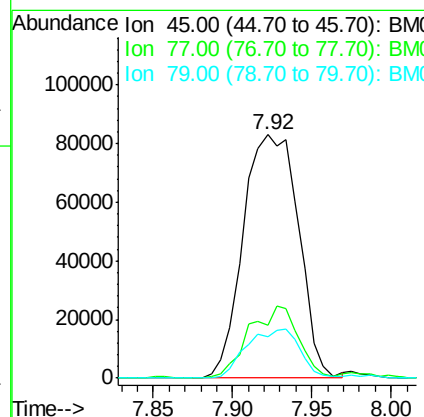
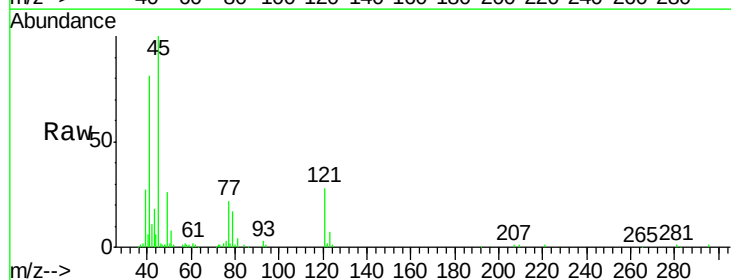
Instrument :
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 ClientSampleId :
 0536DL

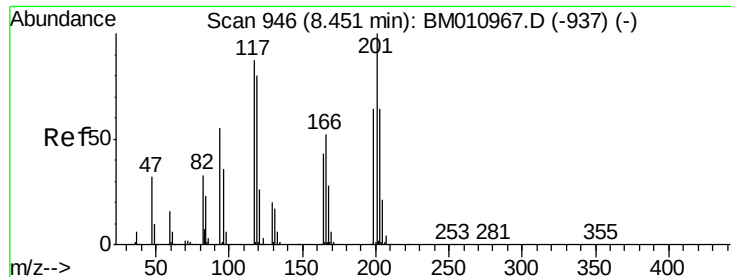
Tgt Ion: 146 Resp: 299033
 Ion Ratio Lower Upper
 146 100
 148 69.5 52.3 78.5
 111 52.2 30.6 45.8#



#16
 2,2'-oxybis(1-chloropropane)
 Concen: 14.442 ng
 RT: 7.92 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BM010976.D
 Acq: 26 Jul 2017 18:26

Tgt Ion: 45 Resp: 201347
 Ion Ratio Lower Upper
 45 100
 77 21.6 0.0 35.2
 79 17.2 0.0 32.0





#18

Hexachloroethane

Concen: 15.387 ng

RT: 8.45 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

Instrument :

BNA_M

ClientSampleId :

0536DL

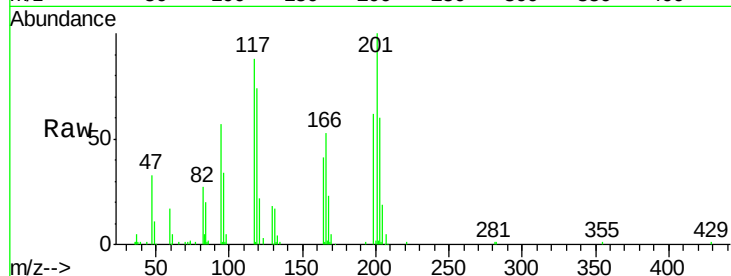
Tgt Ion: 117 Resp: 109650

Ion Ratio Lower Upper

117 100

119 83.6 79.2 118.8

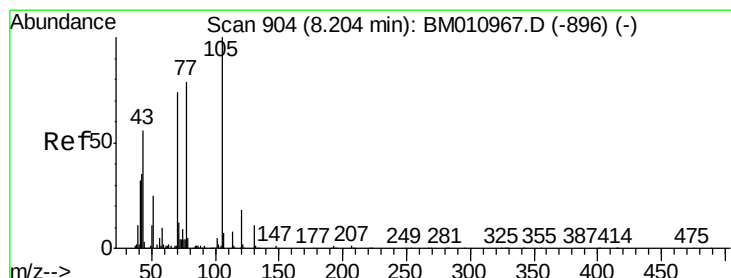
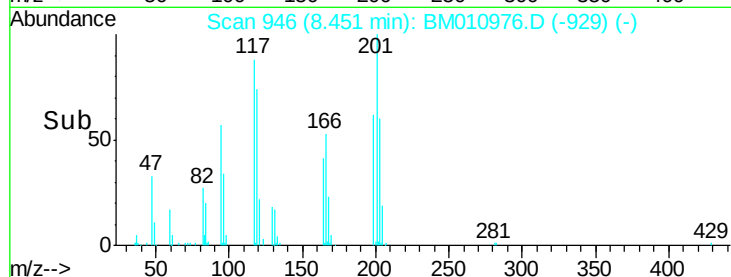
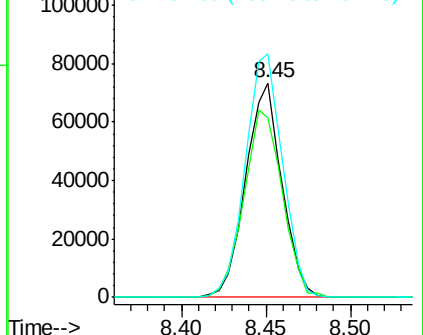
201 113.5 69.8 104.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 8.648 ng

RT: 8.19 min Scan# 902

Delta R.T. -0.01 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

Tgt Ion: 70 Resp: 134531

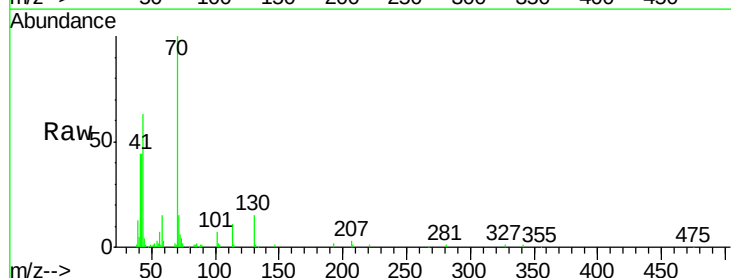
Ion Ratio Lower Upper

70 100

42 44.0 44.5 66.7#

101 7.1 7.4 11.2#

130 14.7 15.3 22.9#

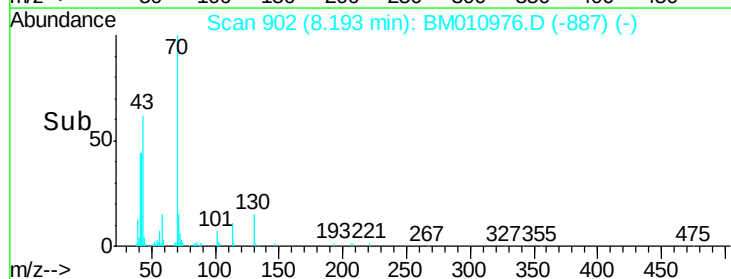
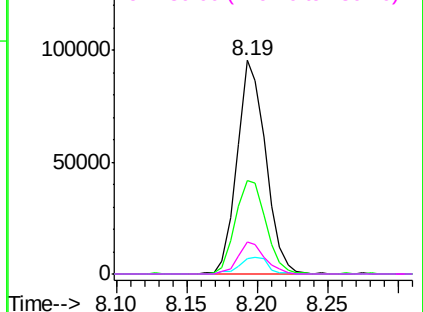


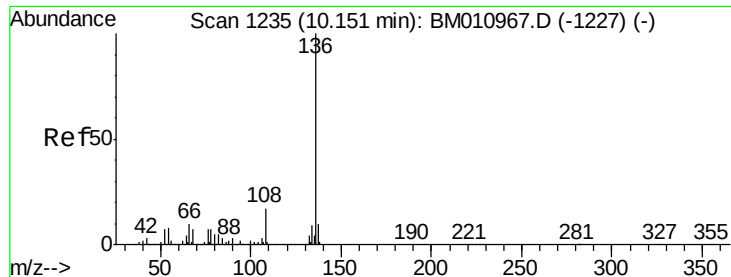
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

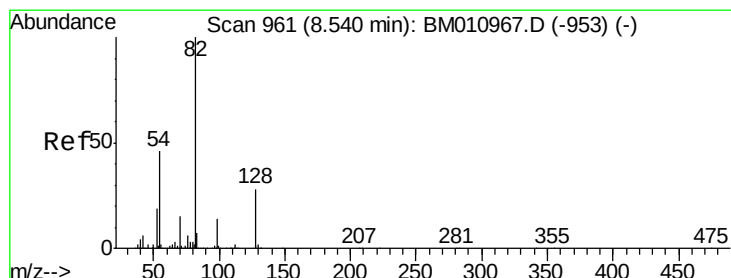
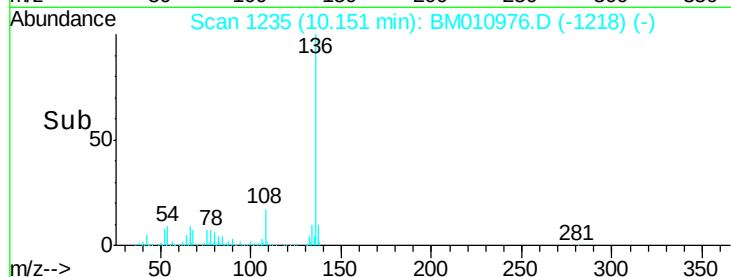
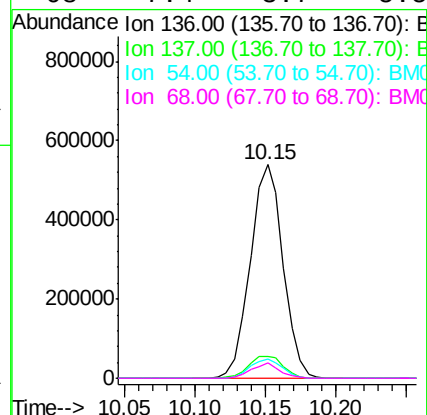
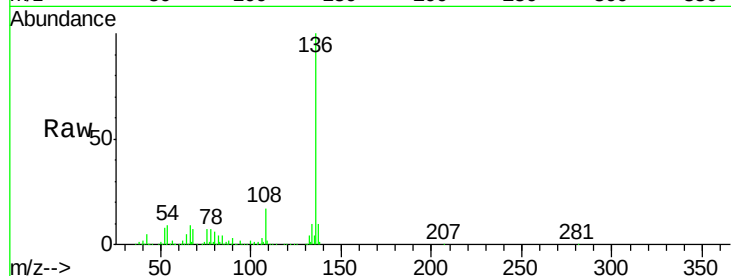




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

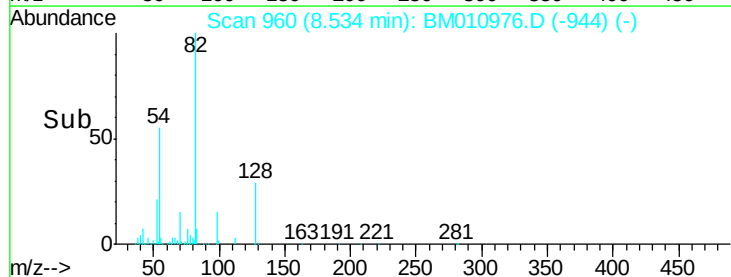
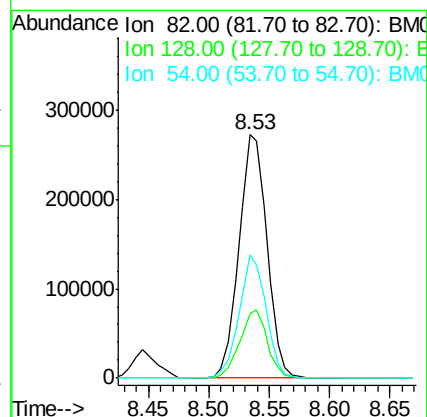
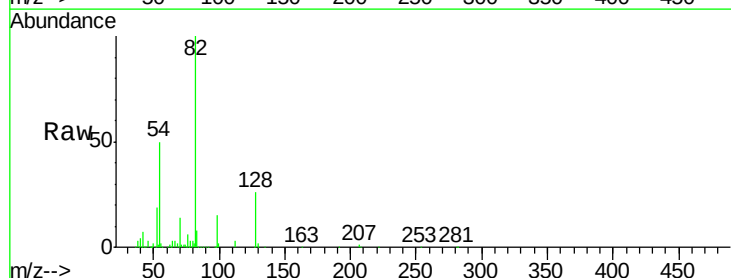
Instrument :
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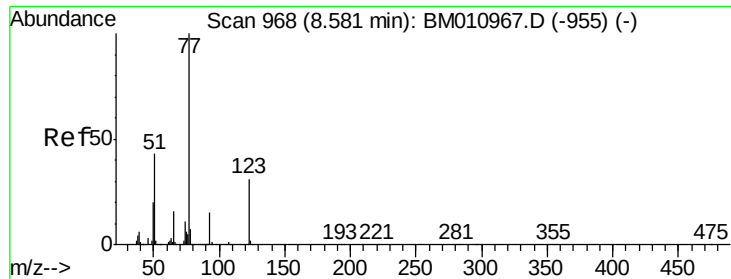
Tgt Ion:	136	Resp:	877232
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	9.2	4.6	6.8#
68	7.4	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 18.933 ng
RT: 8.53 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

Tgt Ion:	82	Resp:	442520
Ion	Ratio	Lower	Upper
82	100		
128	26.3	32.8	49.2#
54	50.4	40.6	60.8





#24

Nitrobenzene

Concen: 35.348 ng

RT: 8.58 min Scan# 968

Delta R.T. 0.00 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

Instrument :

BNA_M

ClientSampleId :

0536DL

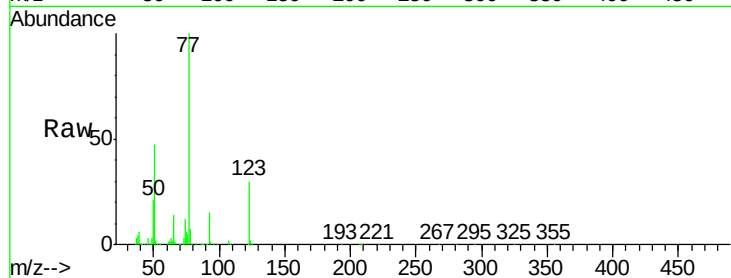
Tgt Ion: 77 Resp: 856126

Ion Ratio Lower Upper

77 100

123 29.9 32.6 49.0#

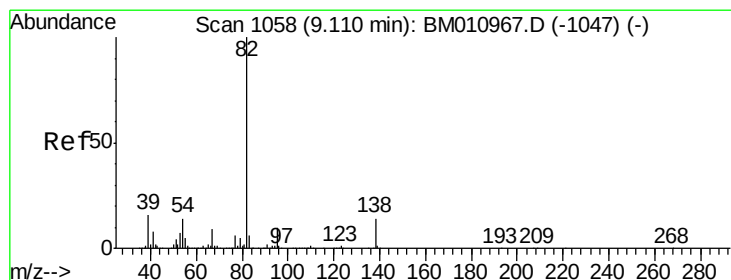
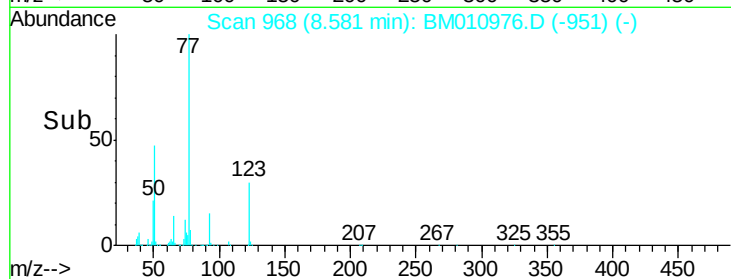
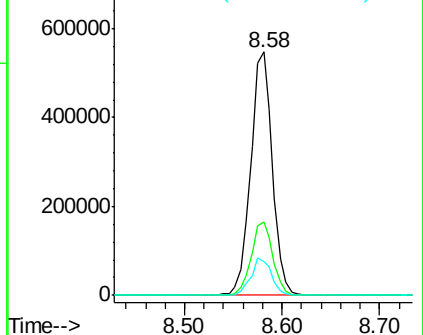
65 13.8 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BM010976.D (-951) (-)

Ion 123.00 (122.70 to 123.70): BM010976.D (-951) (-)

Ion 65.00 (64.70 to 65.70): BM010976.D (-951) (-)



#25

Isophorone

Concen: 18.420 ng

RT: 9.10 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

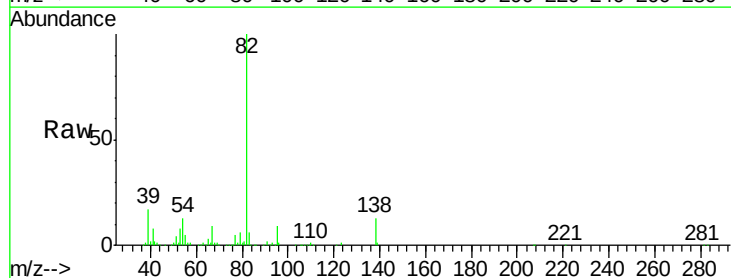
Tgt Ion: 82 Resp: 717844

Ion Ratio Lower Upper

82 100

95 9.3 5.8 8.6#

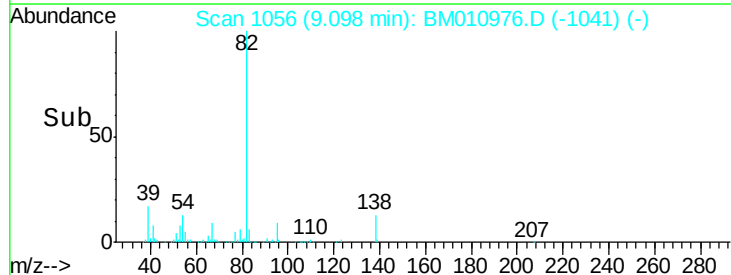
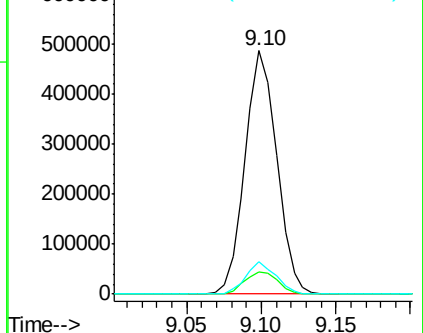
138 13.1 16.3 24.5#

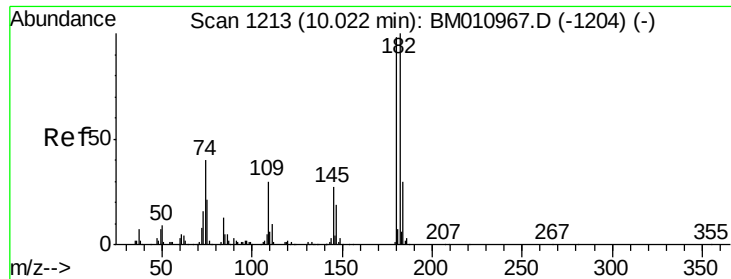


Abundance Ion 82.00 (81.70 to 82.70): BM010976.D (-1041) (-)

Ion 95.00 (94.70 to 95.70): BM010976.D (-1041) (-)

Ion 138.00 (137.70 to 138.70): BM010976.D (-1041) (-)

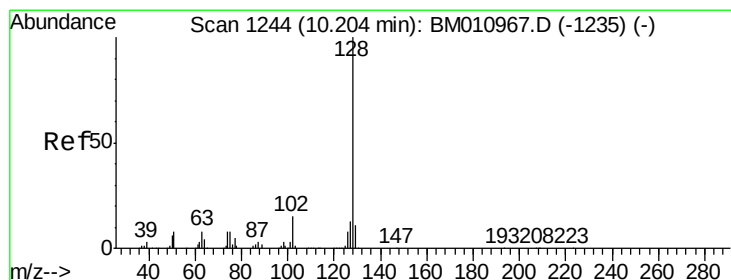
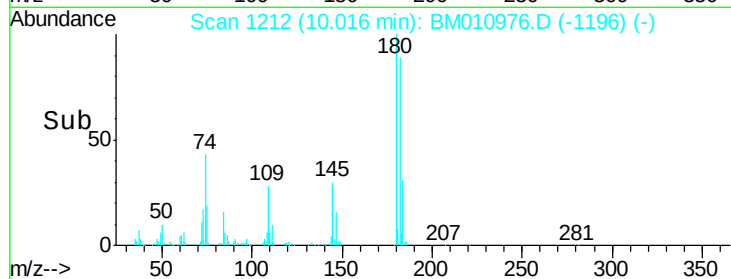
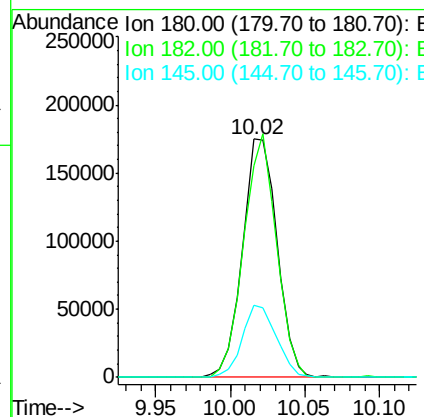
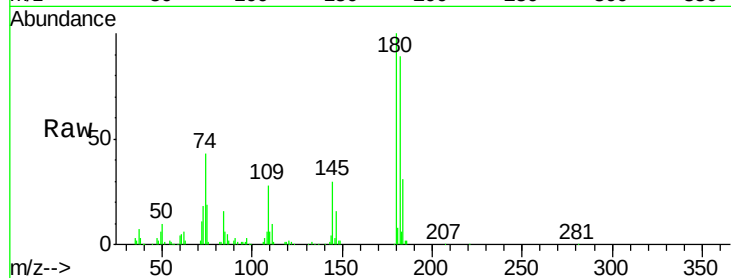




#30
 1,2,4-Trichlorobenzene
 Concen: 14.957 ng
 RT: 10.02 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BM010976.D
 Acq: 26 Jul 2017 18:26

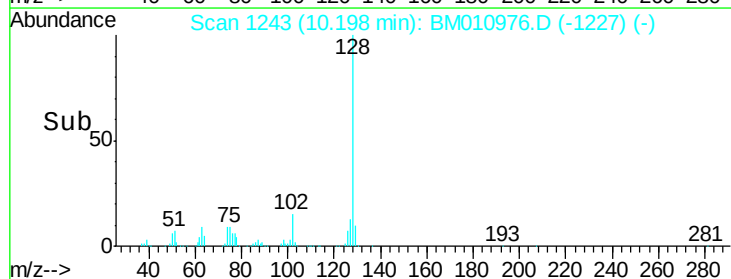
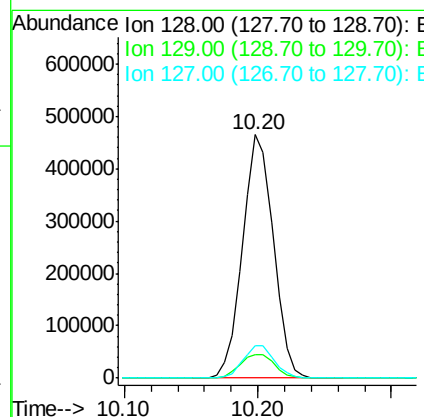
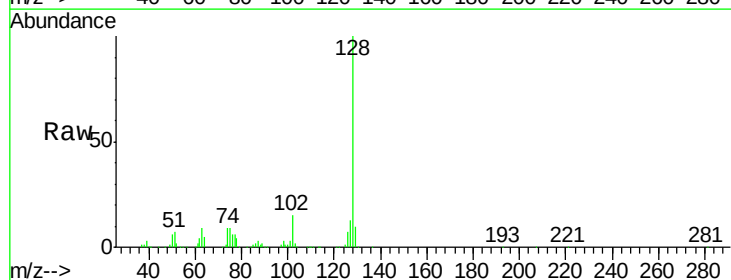
Instrument :
 BNA_M
 ClientSampleId :
 0536DL

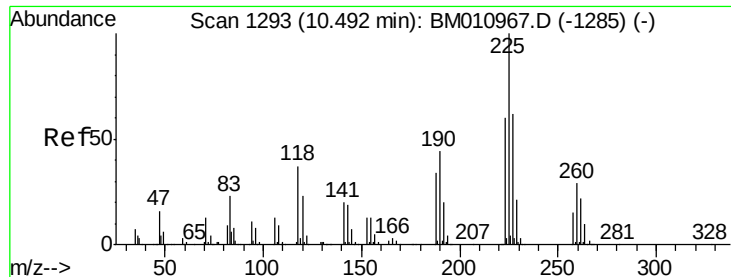
Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.9	77.6	116.4
145	30.2	23.4	35.2



#31
 Naphthalene
 Concen: 16.831 ng
 RT: 10.20 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BM010976.D
 Acq: 26 Jul 2017 18:26

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.7	8.9	13.3
127	13.2	10.4	15.6





#34

Hexachlorobutadiene

Concen: 12.005 ng

RT: 10.49 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

Instrument :

BNA_M

ClientSampleId :

0536DL

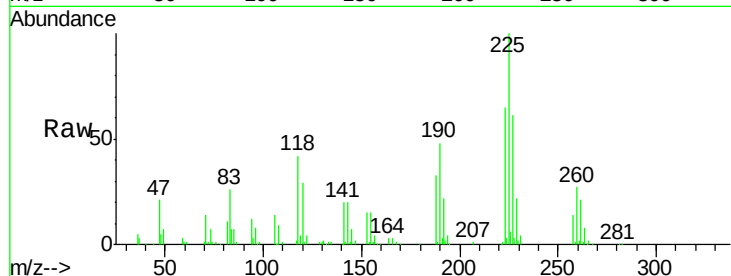
Tgt Ion: 225 Resp: 178228

Ion Ratio Lower Upper

225 100

223 68.2 47.9 71.9

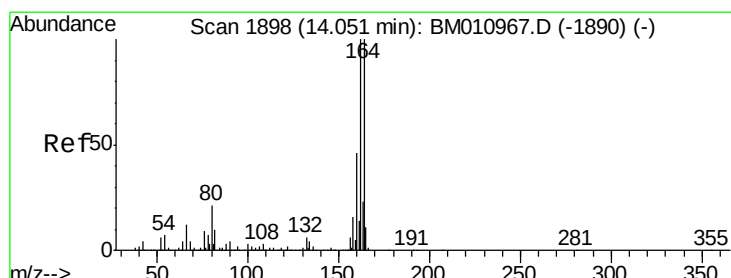
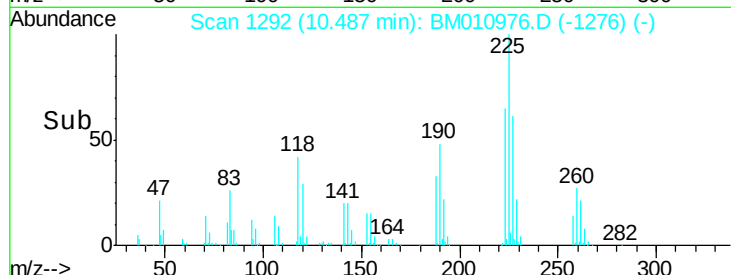
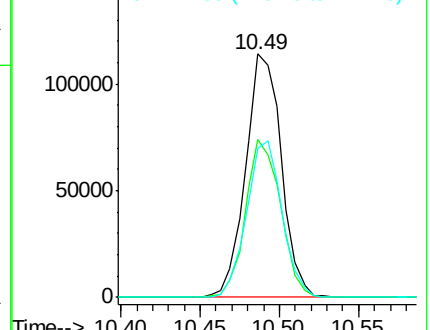
227 61.1 50.1 75.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.05 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

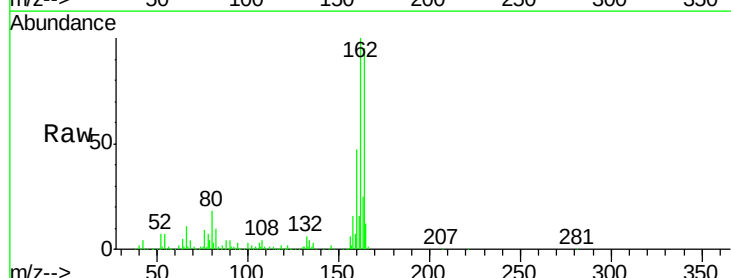
Tgt Ion: 164 Resp: 590464

Ion Ratio Lower Upper

164 100

162 105.1 82.4 123.6

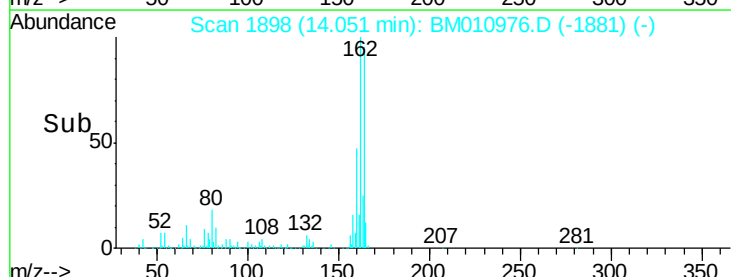
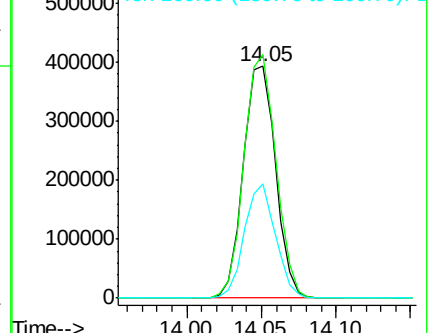
160 49.5 35.8 53.6

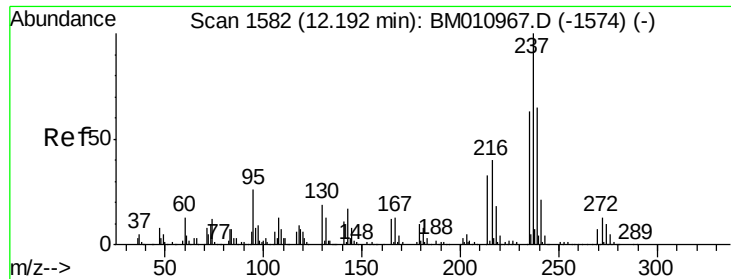


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

Hexachlorocyclopentadiene

Concen: 12.173 ng

RT: 12.19 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

Instrument :

BNA_M

ClientSampleId :

0536DL

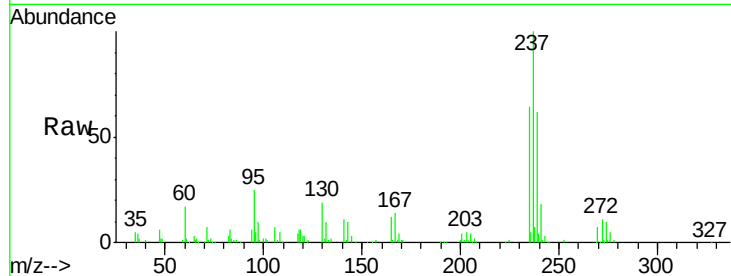
Tgt Ion: 237 Resp: 179936

Ion Ratio Lower Upper

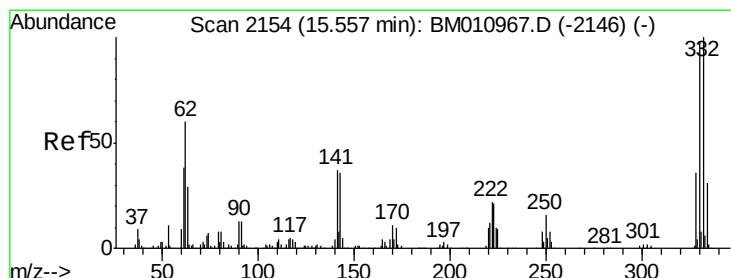
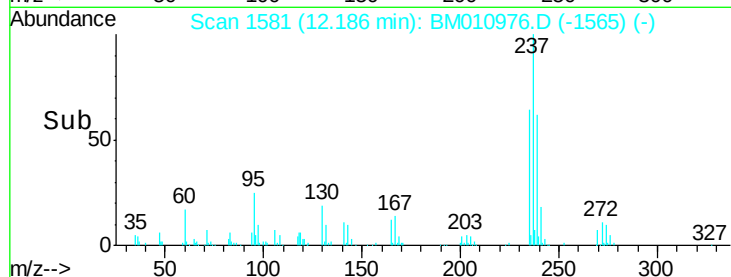
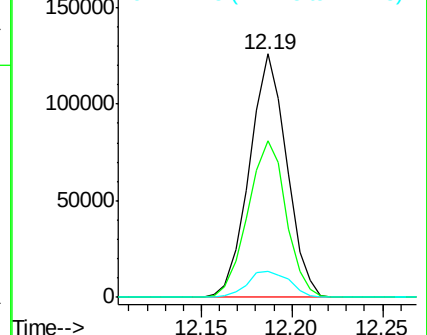
237 100

235 64.4 42.0 82.0

272 10.7 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 21.370 ng

RT: 15.55 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

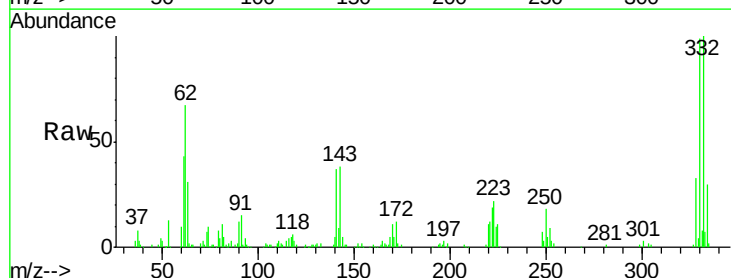
Tgt Ion: 330 Resp: 202239

Ion Ratio Lower Upper

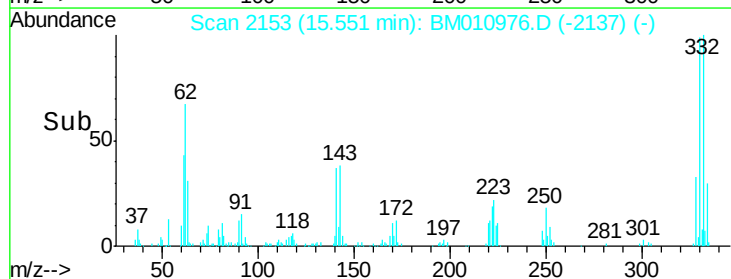
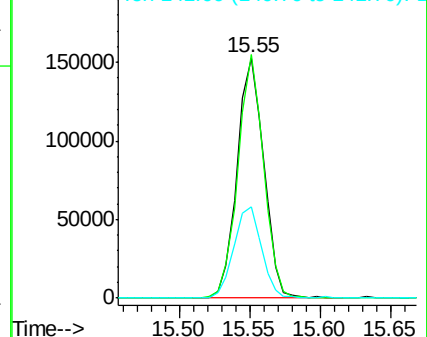
330 100

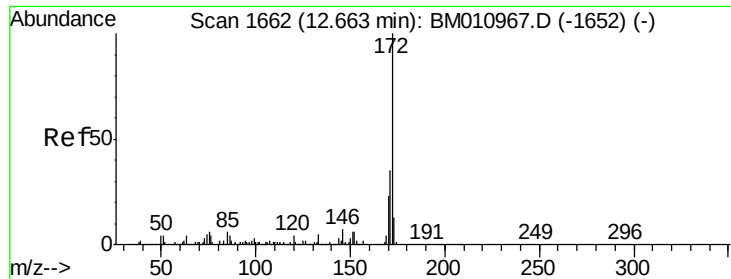
332 97.5 0.0 0.0#

141 39.2 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

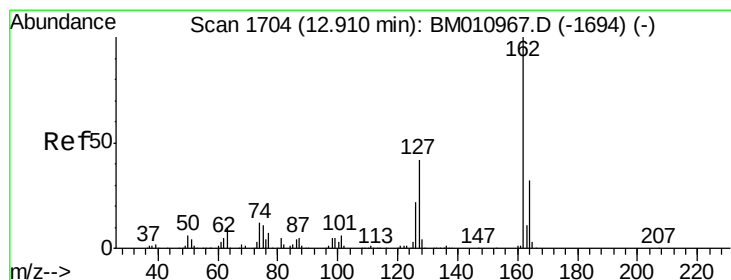
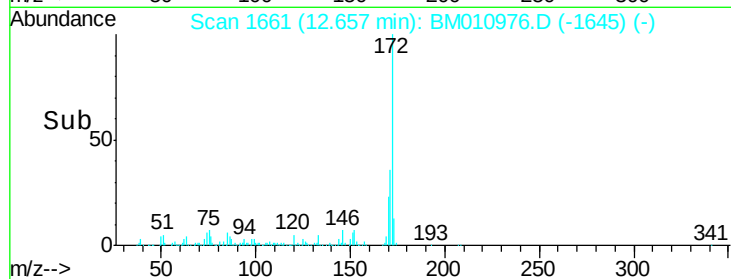
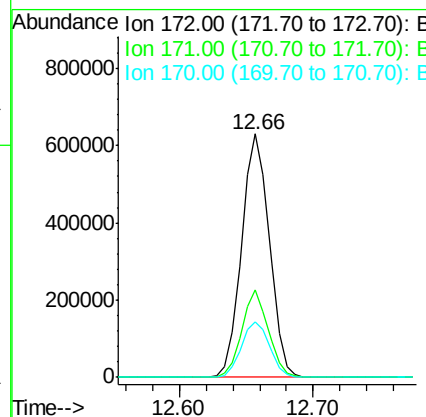
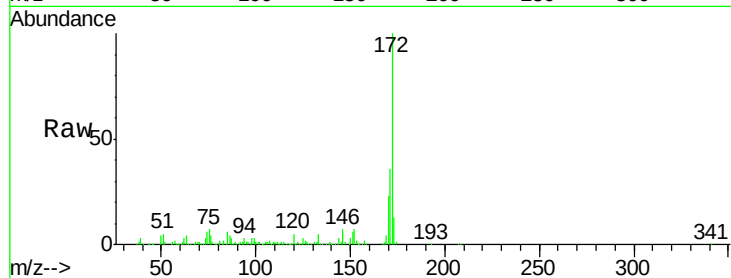




#44
2-Fluorobiphenyl
Concen: 19.264 ng
RT: 12.66 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

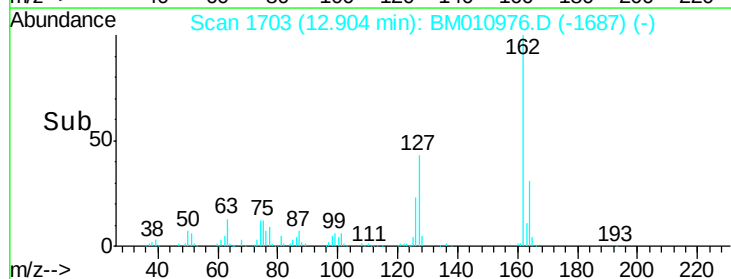
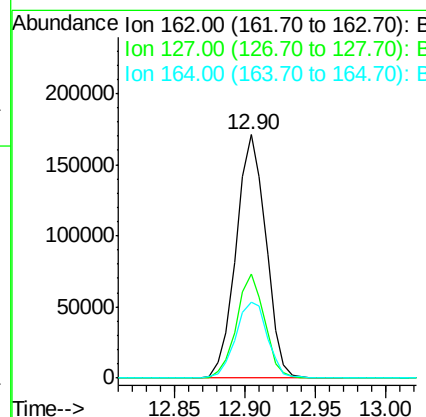
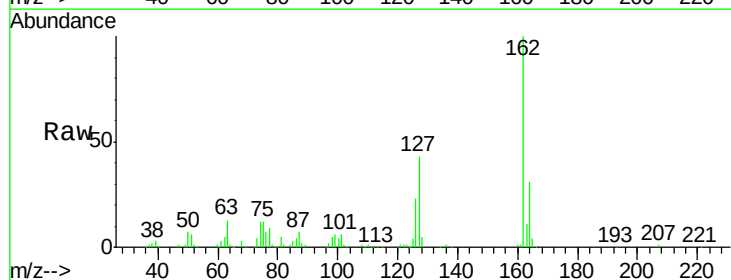
Instrument :
BNA_M
ClientSampleId :
0536DL

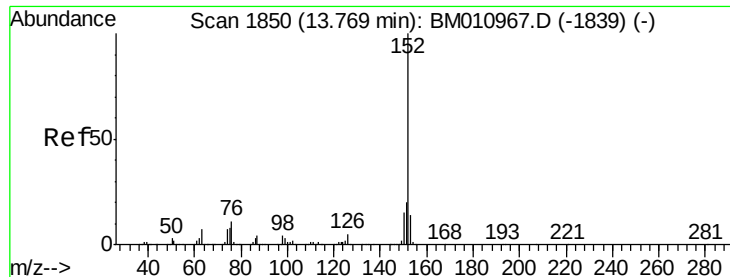
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	22.7	18.8	28.2



#46
2-Chloronaphthalene
Concen: 6.706 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.5	26.9	40.3#
164	31.3	26.8	40.2





#48

Acenaphthylene

Concen: 25.915 ng

RT: 13.76 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

Instrument :

BNA_M

ClientSampleId :

0536DL

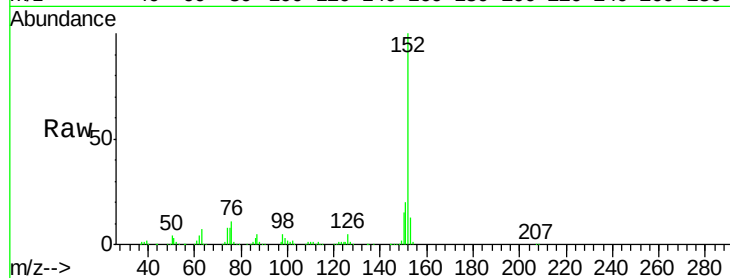
Tgt Ion:152 Resp: 1454872

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

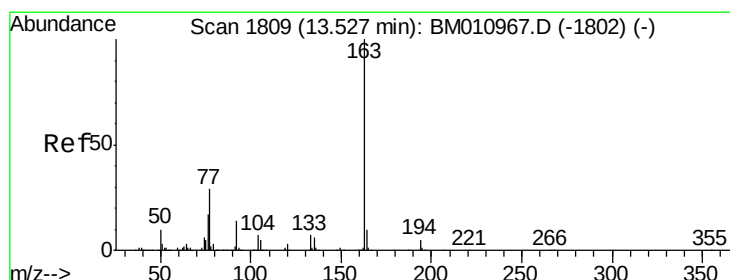
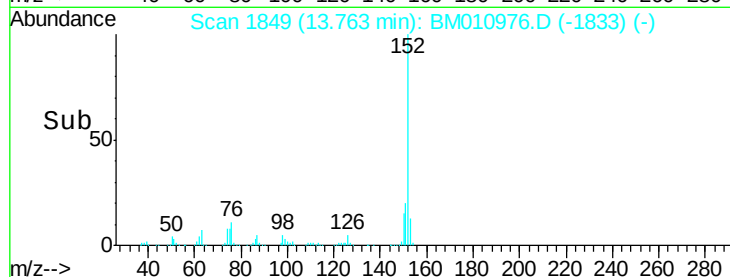
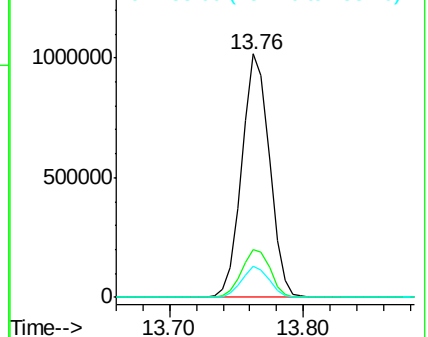
153 13.0 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 11.389 ng

RT: 13.52 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

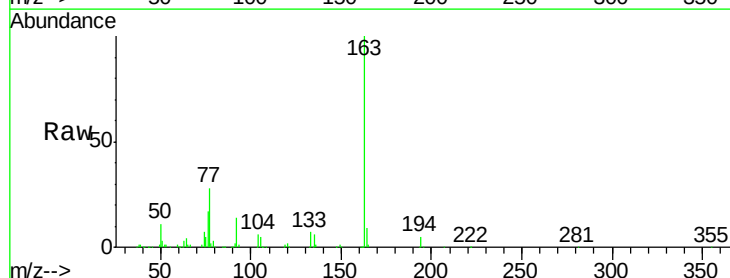
Tgt Ion:163 Resp: 575268

Ion Ratio Lower Upper

163 100

194 4.6 2.7 4.1#

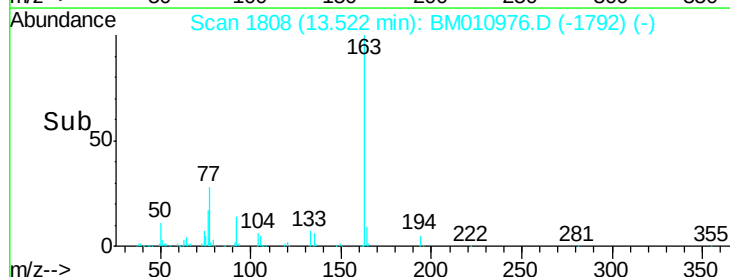
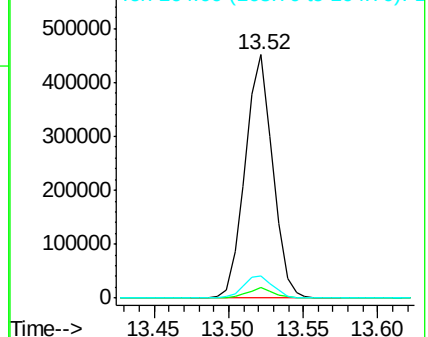
164 9.0 8.2 12.2

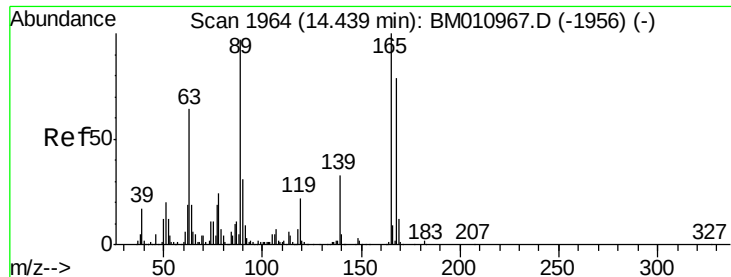


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

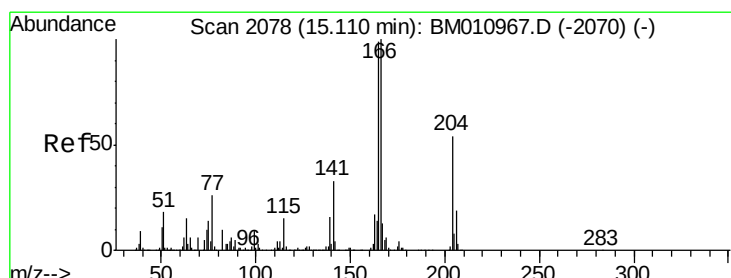
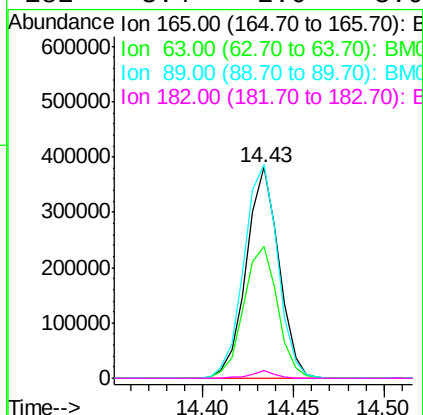
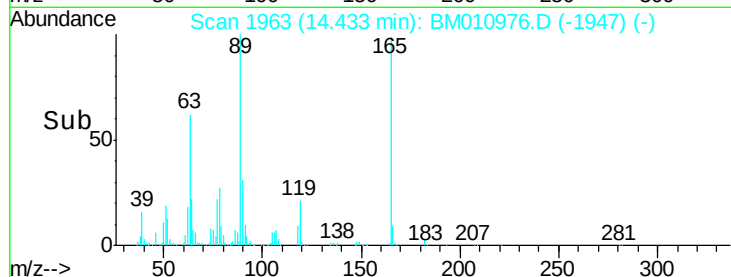
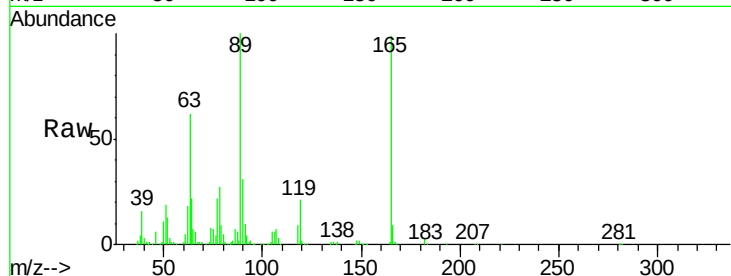




#56
2,4-Dinitrotoluene
Concen: 33.410 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

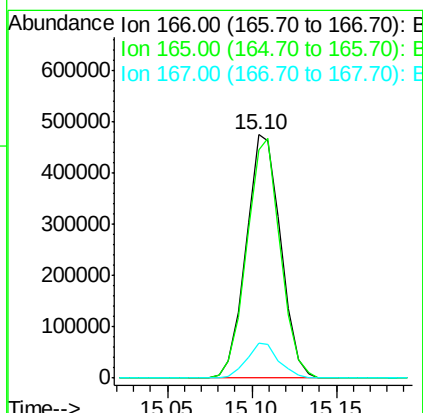
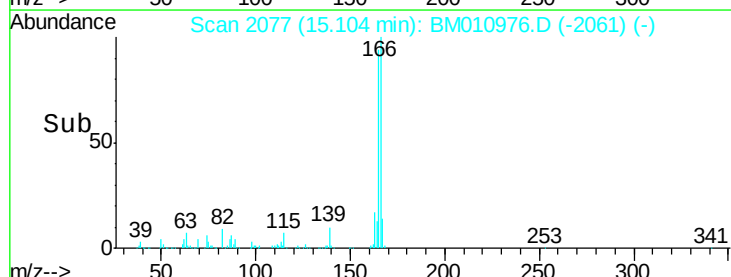
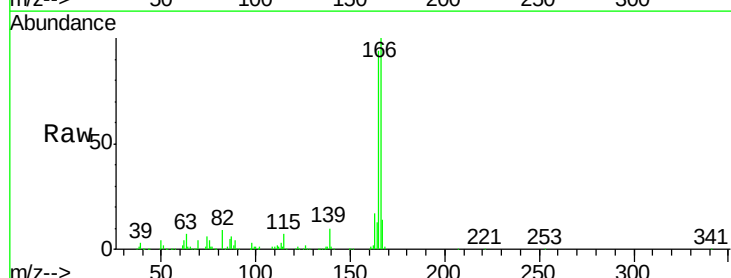
Instrument :
BNA_M
ClientSampleId :
0536DL

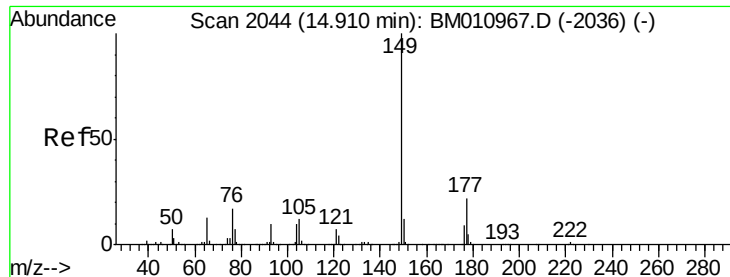
Tgt Ion:165 Resp: 479091
Ion Ratio Lower Upper
165 100
63 62.6 52.4 78.6
89 101.3 72.4 108.6
182 3.4 2.0 3.0#



#57
Fluorene
Concen: 13.683 ng
RT: 15.10 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

Tgt Ion:166 Resp: 670997
Ion Ratio Lower Upper
166 100
165 93.5 79.0 118.4
167 14.2 10.3 15.5

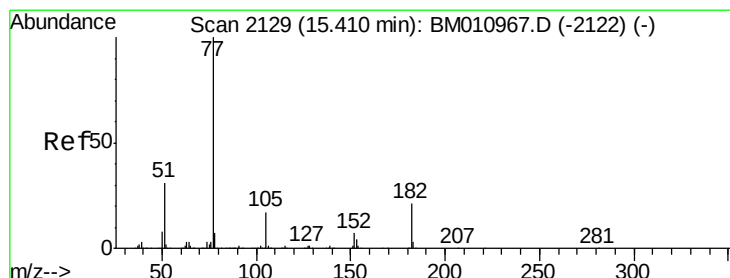
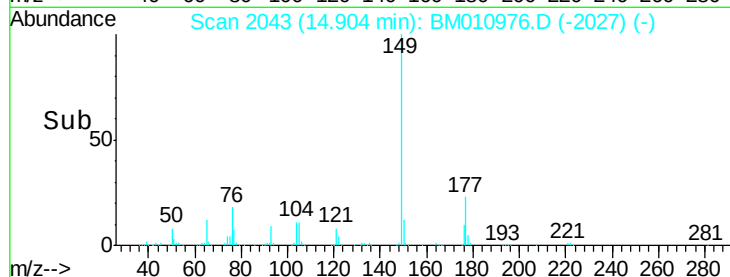
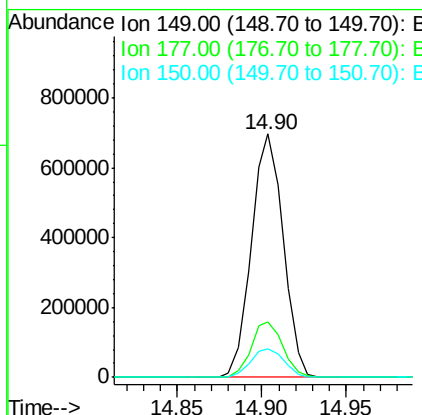
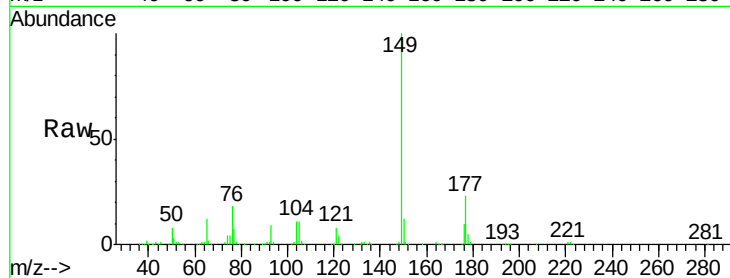




#59
Diethylphthalate
Concen: 17.720 ng
RT: 14.90 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

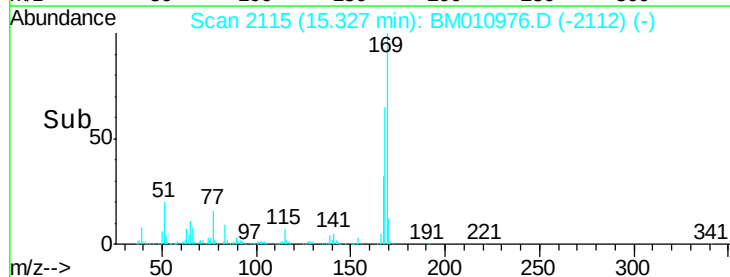
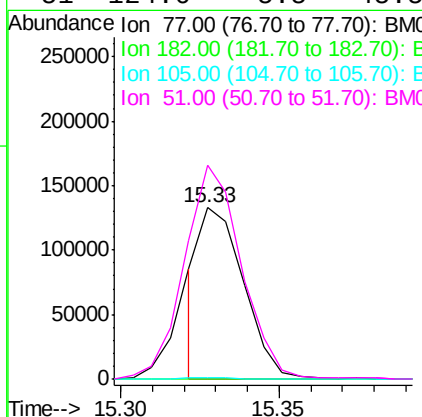
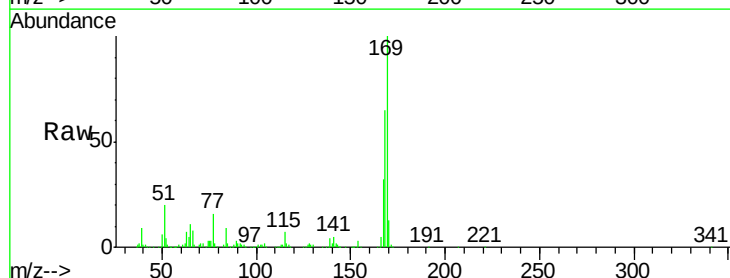
Instrument :
BNA_M
ClientSampleId :
0536DL

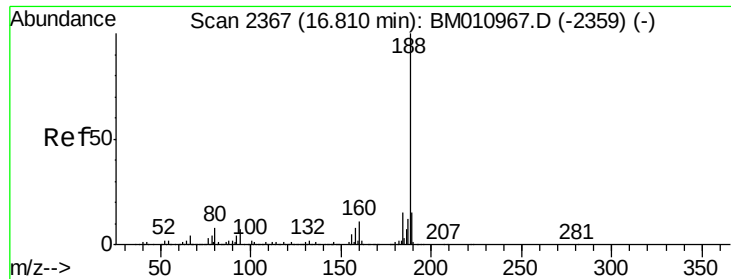
Tgt Ion:149 Resp: 914128
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.0 9.8 14.8



#62
Azobenzene
Concen: 2.301 ng
RT: 15.33 min Scan# 2115
Delta R.T. -0.08 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

Tgt Ion: 77 Resp: 127034
Ion Ratio Lower Upper
77 100
182 0.0 6.5 46.5#
105 1.1 3.8 43.8#
51 124.6 5.5 45.5#

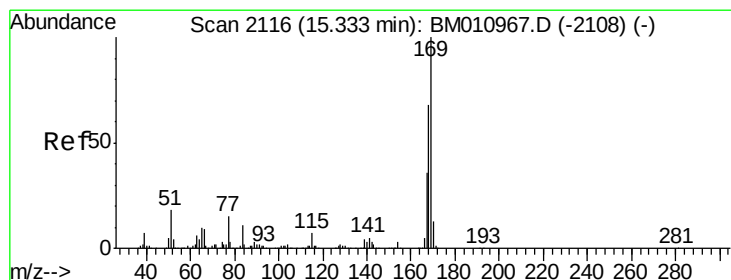
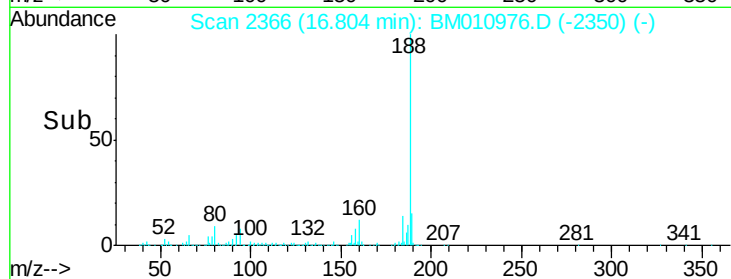
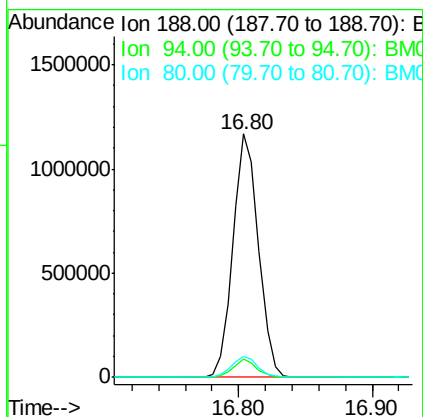
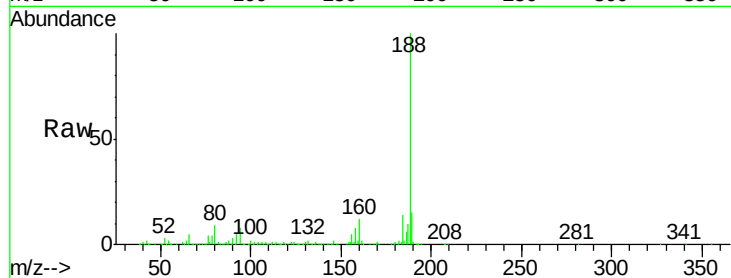




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

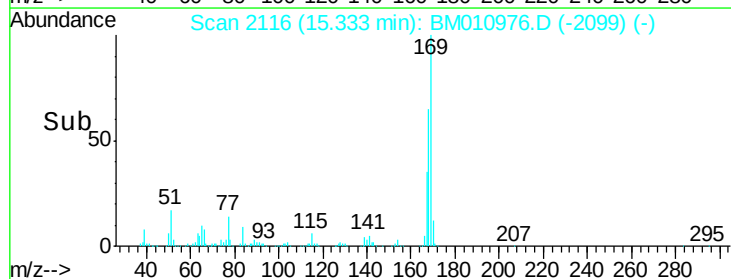
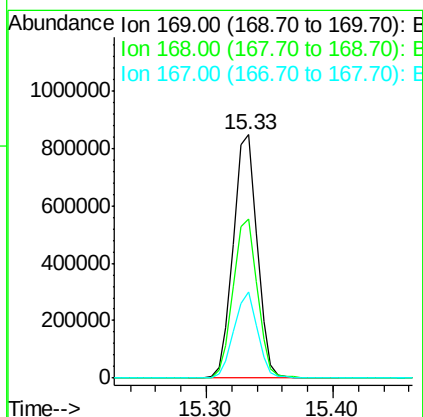
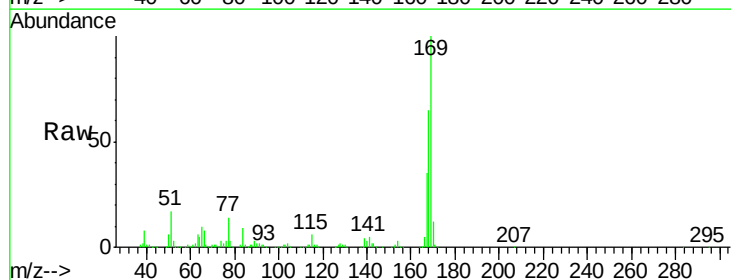
Instrument :
BNA_M
ClientSampleId :
0536DL

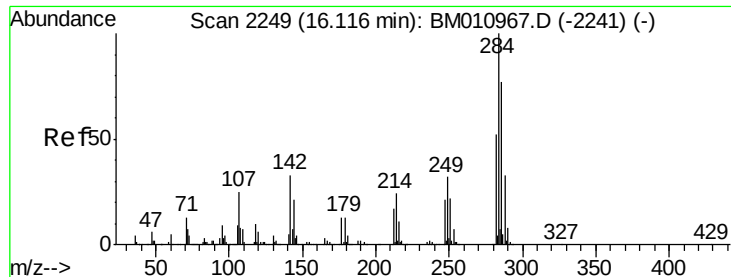
Tgt Ion:188 Resp: 1552564
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 8.7 9.3 13.9#



#65
n-Nitrosodiphenylamine
Concen: 24.671 ng
RT: 15.33 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

Tgt Ion:169 Resp: 1096201
Ion Ratio Lower Upper
169 100
168 65.3 53.9 80.9
167 35.3 28.9 43.3





#67

Hexachlorobenzene

Concen: 25.635 ng

RT: 16.12 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

Instrument :

BNA_M

ClientSampleId :

0536DL

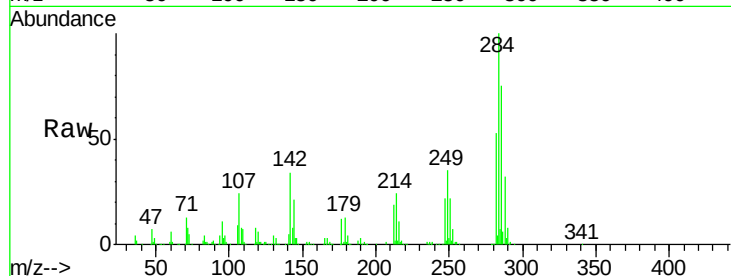
Tgt Ion:284 Resp: 578168

Ion Ratio Lower Upper

284 100

142 33.9 20.4 30.6#

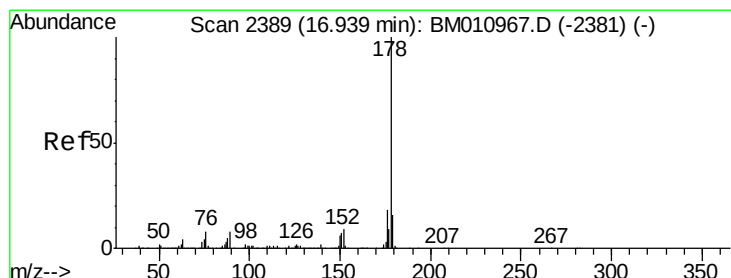
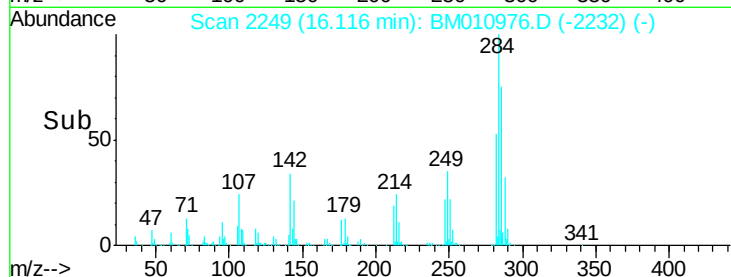
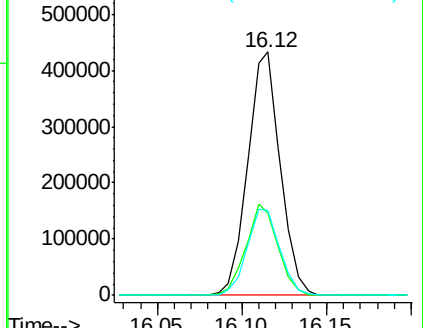
249 35.1 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#71

Anthracene

Concen: 24.166 ng

RT: 16.94 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

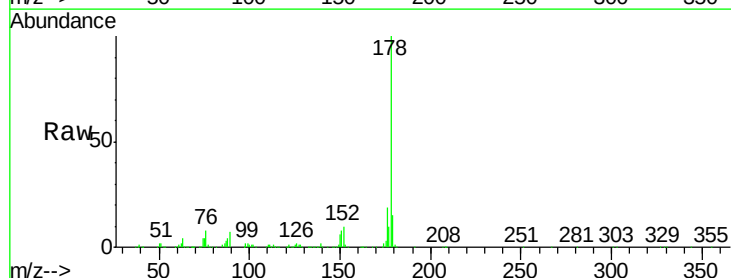
Tgt Ion:178 Resp: 1959278

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

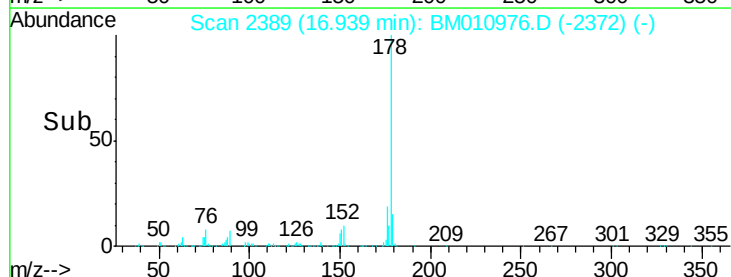
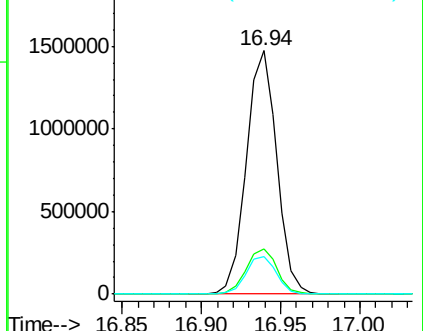
179 15.4 12.6 19.0

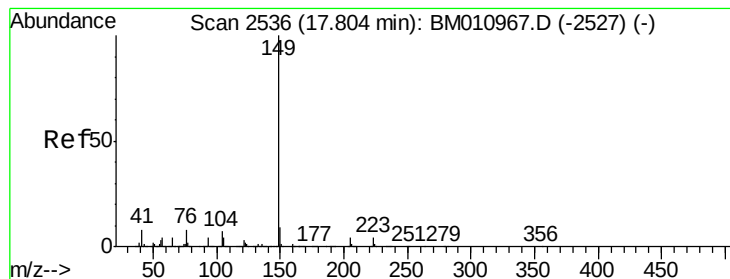


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 21.721 ng

RT: 17.80 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

Instrument :

BNA_M

ClientSampleId :

0536DL

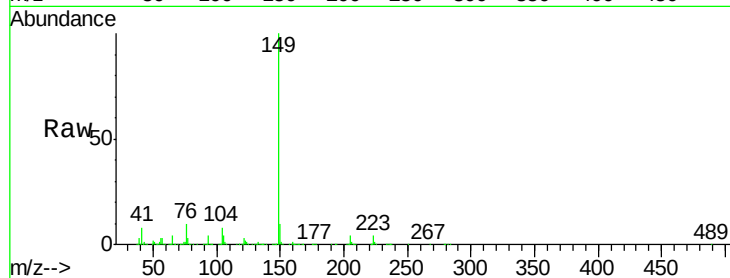
Tgt Ion:149 Resp: 1875557

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

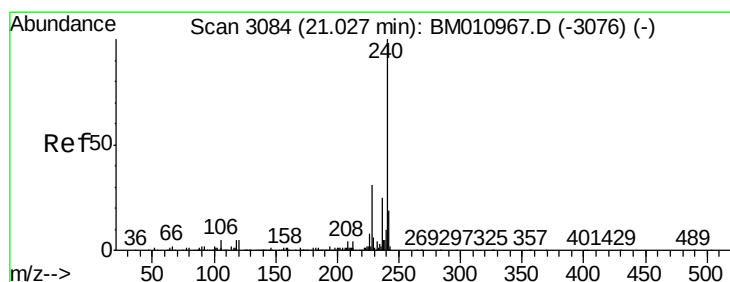
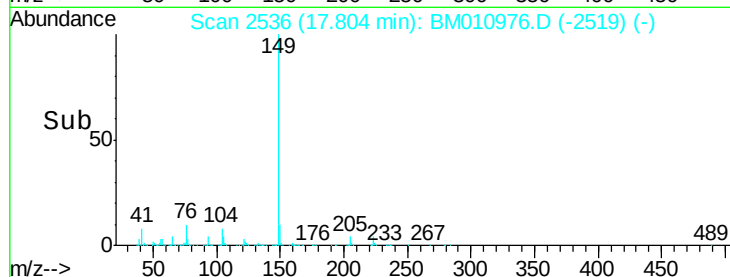
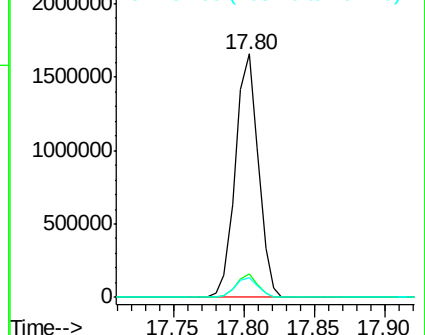
104 8.3 3.7 5.5#



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: 21.03 min Scan# 3084

Delta R.T. 0.00 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

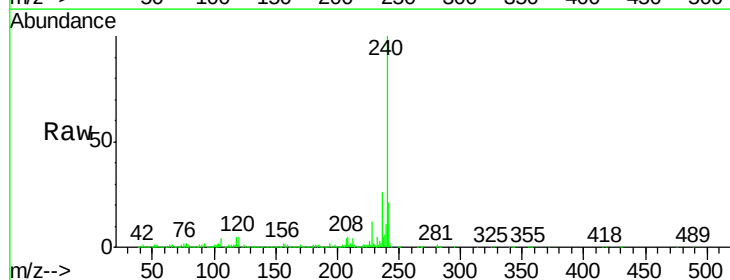
Tgt Ion:240 Resp: 1837302

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

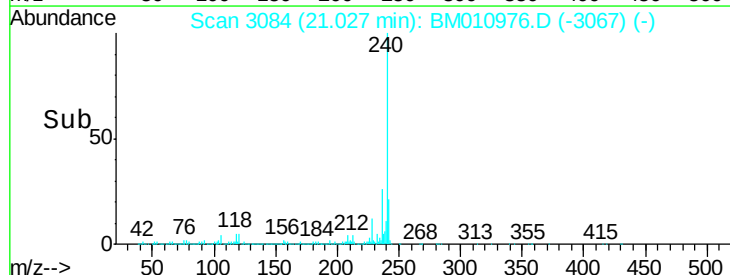
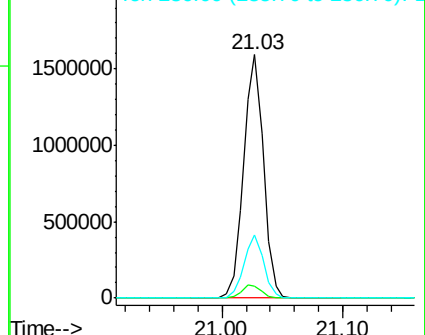
236 25.8 20.0 30.0

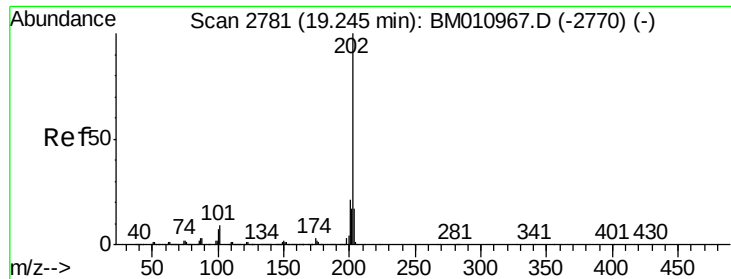


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 25.851 ng

RT: 19.24 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

Instrument :

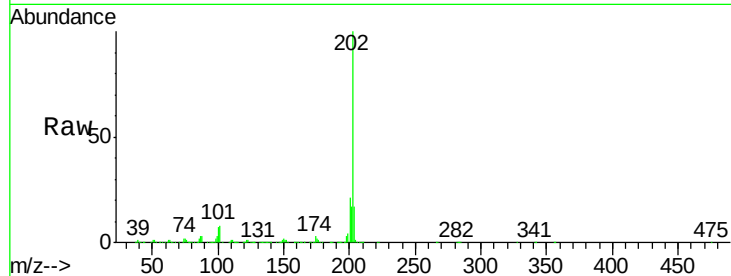
BNA_M

ClientSampleID :

0536DL

Tgt Ion:202 Resp: 2822142

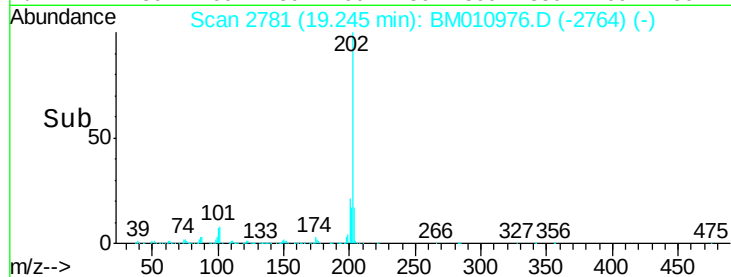
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.5	14.1	21.1



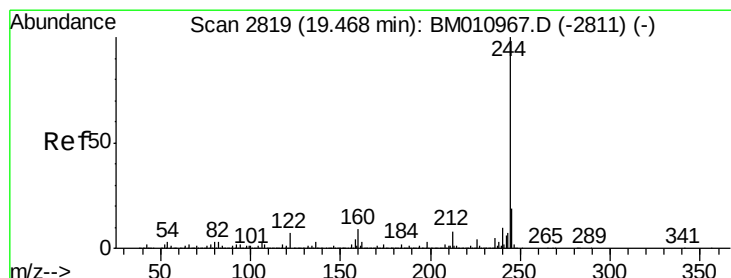
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 17.455 ng

RT: 19.47 min Scan# 2819

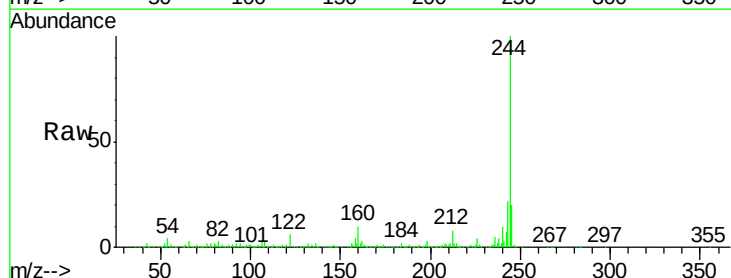
Delta R.T. 0.00 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

Tgt Ion:244 Resp: 1618970

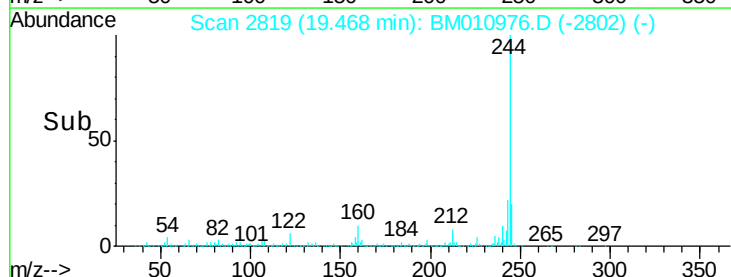
Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	6.5	6.2	9.4



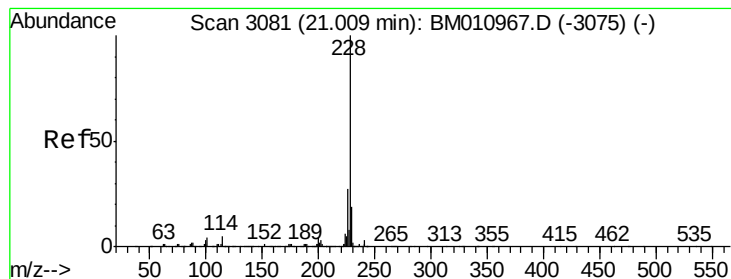
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Benzo(a)anthracene

Concen: 17.261 ng

RT: 21.01 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

Instrument :

BNA_M

ClientSampleId :

0536DL

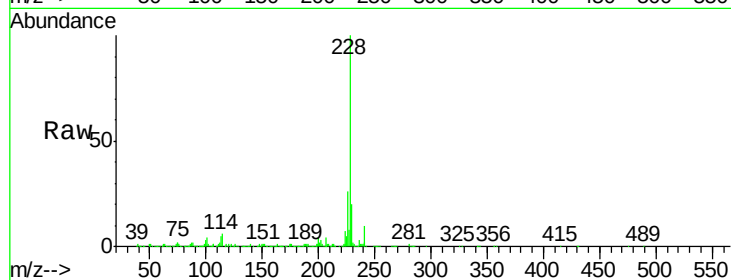
Tgt Ion:228 Resp: 1810853

Ion Ratio Lower Upper

228 100

226 26.4 21.7 32.5

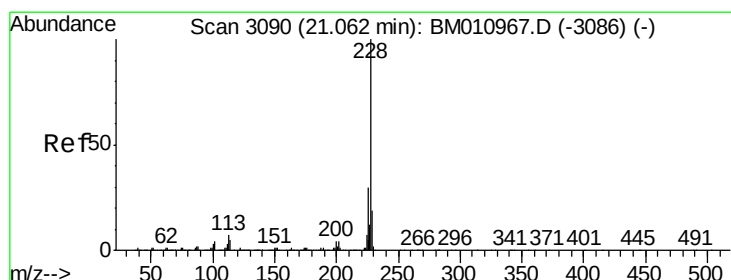
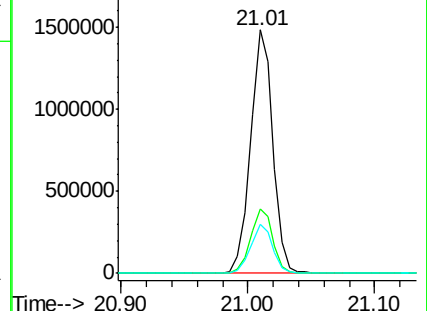
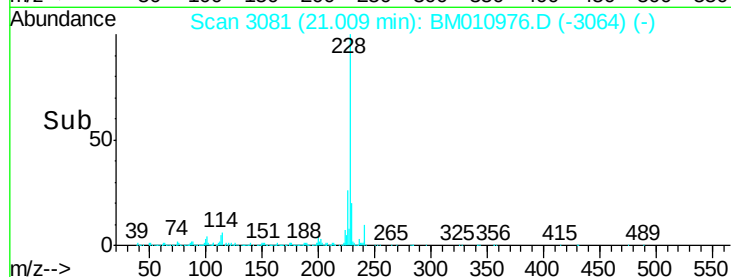
229 20.4 16.0 24.0



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: 17.983 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.05 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

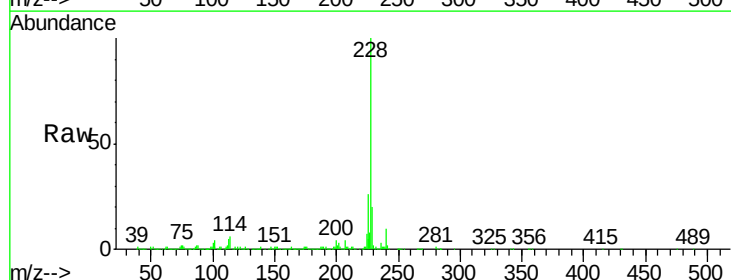
Tgt Ion:228 Resp: 1810908

Ion Ratio Lower Upper

228 100

226 26.4 24.1 36.1

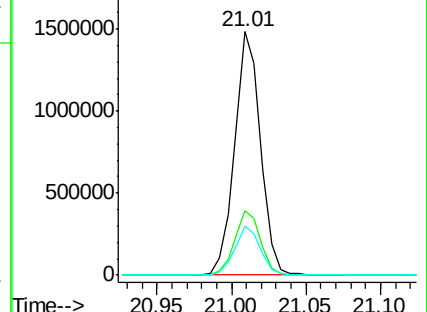
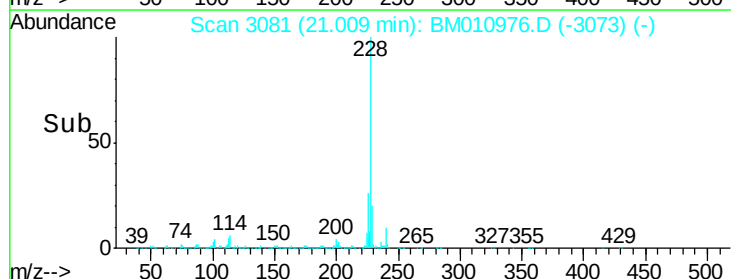
229 20.4 15.5 23.3

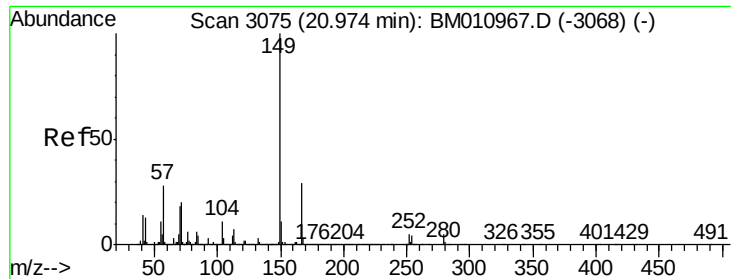


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

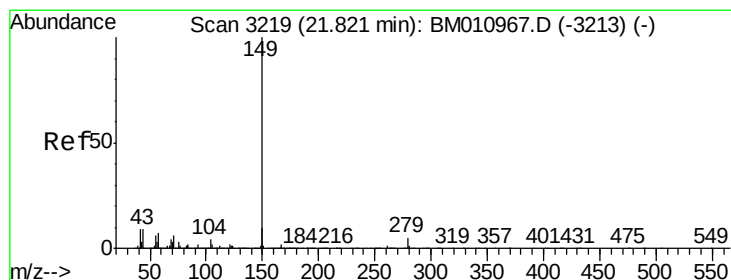
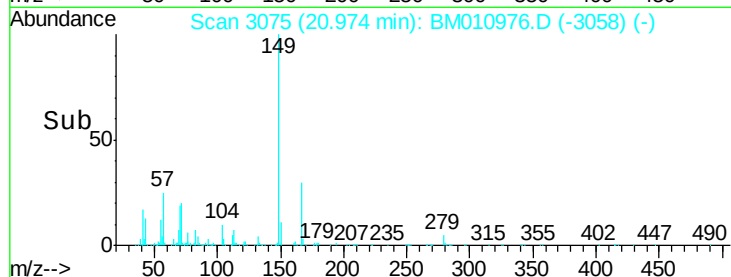
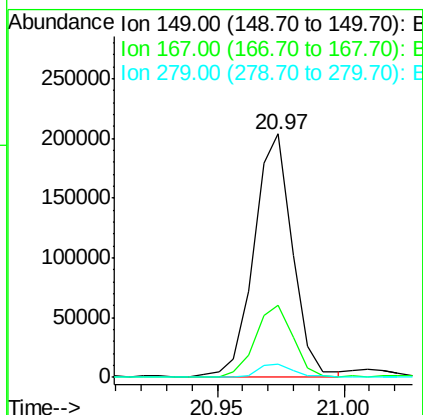
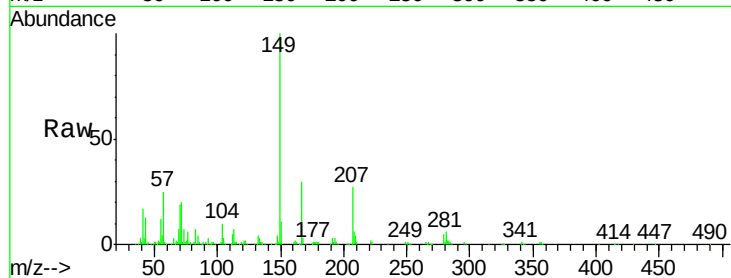




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.756 ng
 RT: 20.97 min Scan# 3075
 Delta R.T. 0.00 min
 Lab File: BM010976.D
 Acq: 26 Jul 2017 18:26

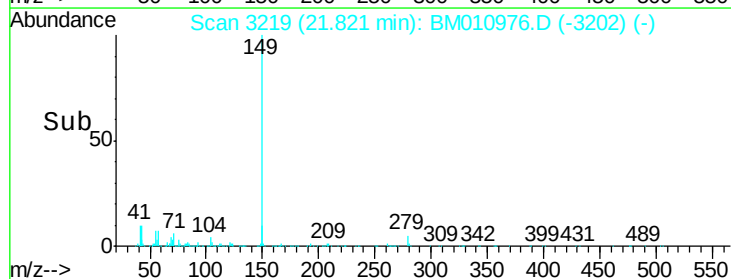
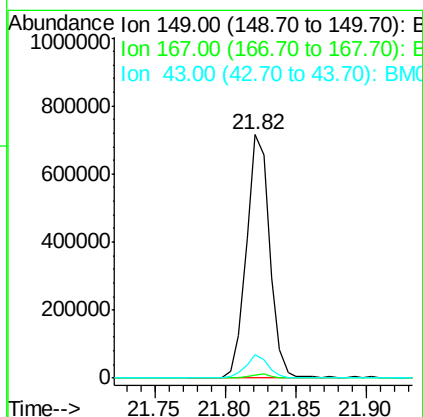
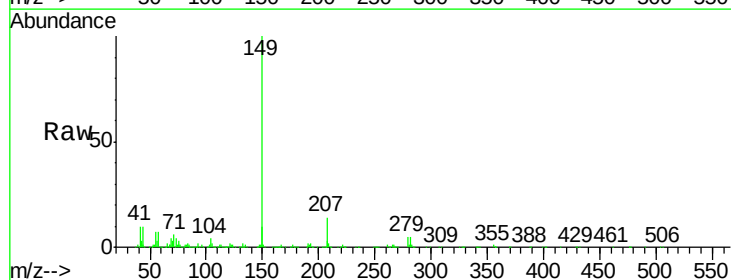
Instrument :
 BNA_M
 ClientSampleId :
 0536DL

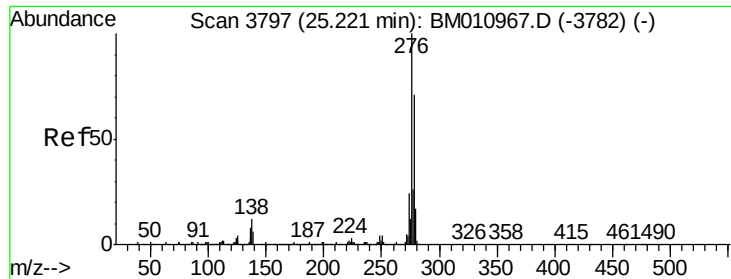
Tgt Ion:149 Resp: 214528
 Ion Ratio Lower Upper
 149 100
 167 29.5 22.4 33.6
 279 5.3 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 8.836 ng
 RT: 21.82 min Scan# 3219
 Delta R.T. 0.00 min
 Lab File: BM010976.D
 Acq: 26 Jul 2017 18:26

Tgt Ion:149 Resp: 819011
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 9.3 7.3 10.9



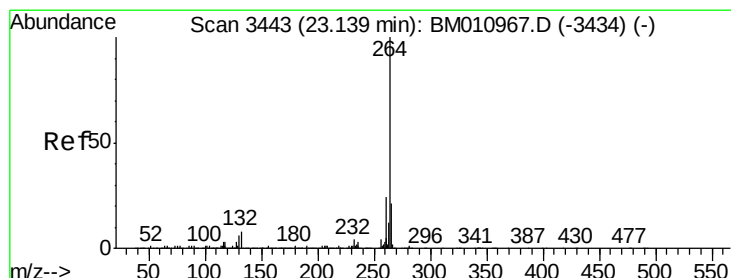
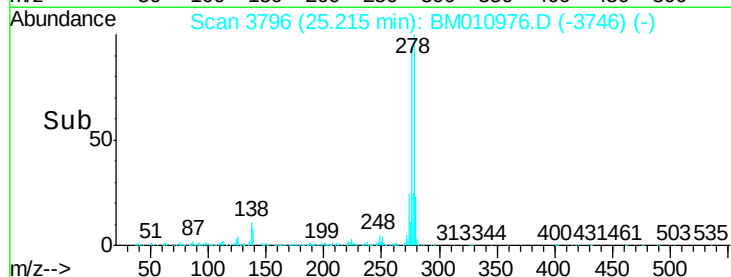
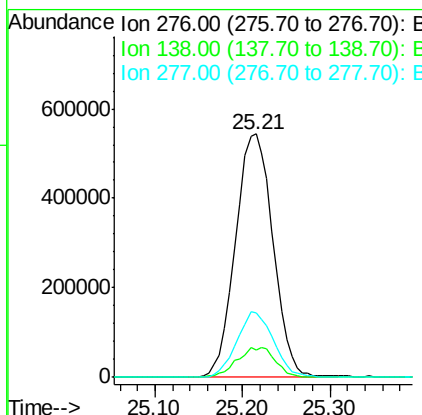
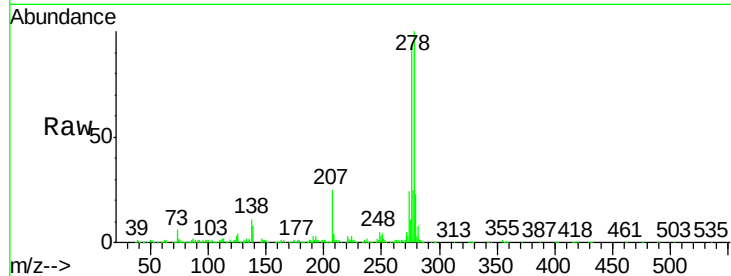


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.210 ng
 RT: 25.21 min Scan# 3796
 Delta R.T. -0.01 min
 Lab File: BM010976.D
 Acq: 26 Jul 2017 18:26

Instrument :
 BNA_M
 ClientSampleId :
 0536DL

Tgt Ion:276 Resp: 1586306

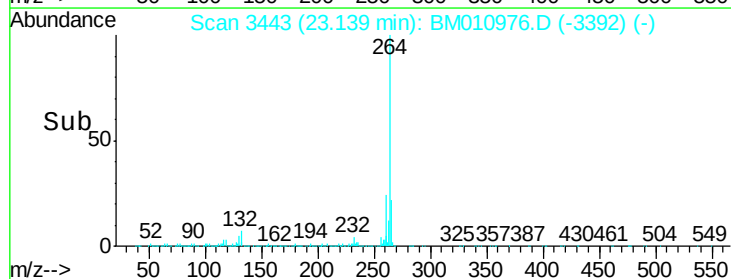
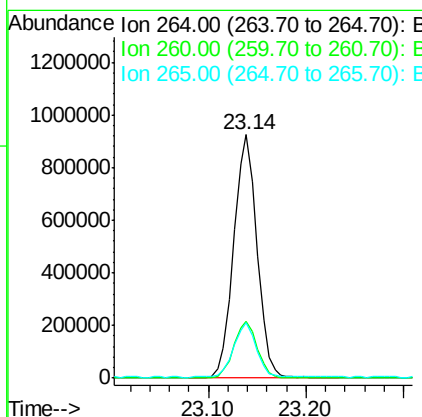
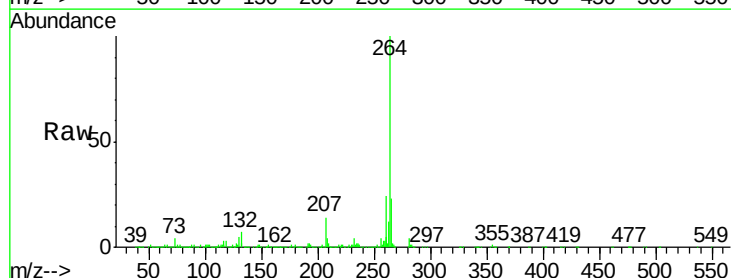
Ion	Ratio	Lower	Upper
276	100		
138	12.7	12.0	18.0
277	26.6	20.0	30.0

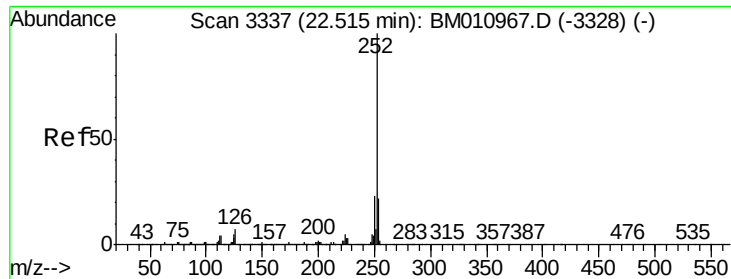


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.14 min Scan# 3443
 Delta R.T. 0.00 min
 Lab File: BM010976.D
 Acq: 26 Jul 2017 18:26

Tgt Ion:264 Resp: 1534493

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.5	17.3	25.9

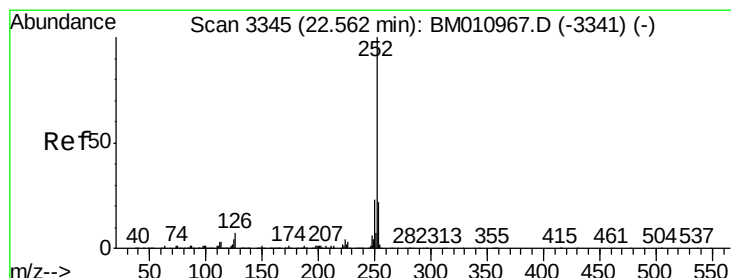
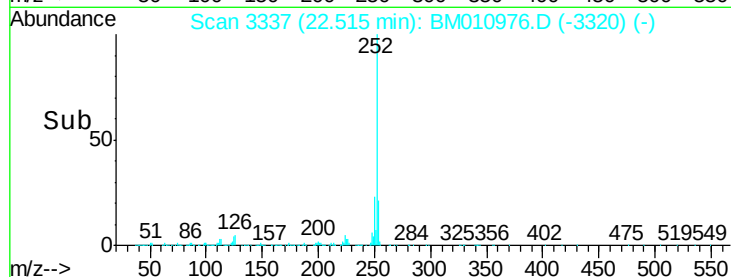
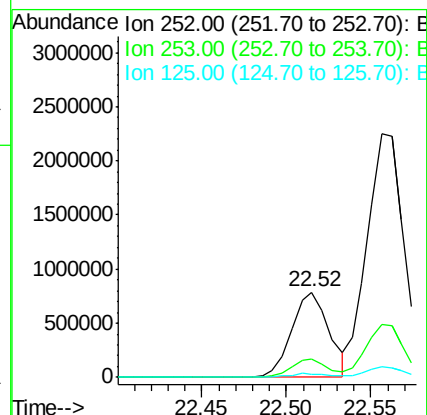
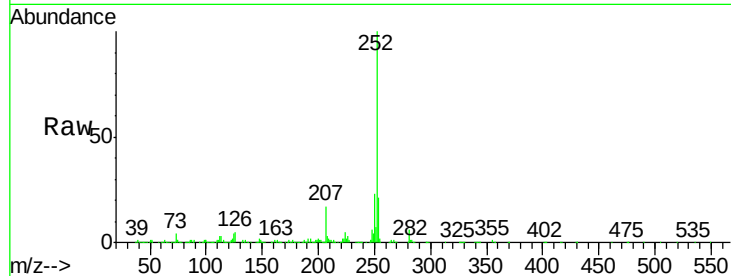




#87
Benzo(b)fluoranthene
Concen: 12.274 ng
RT: 22.52 min Scan# 3337
Delta R.T. 0.00 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

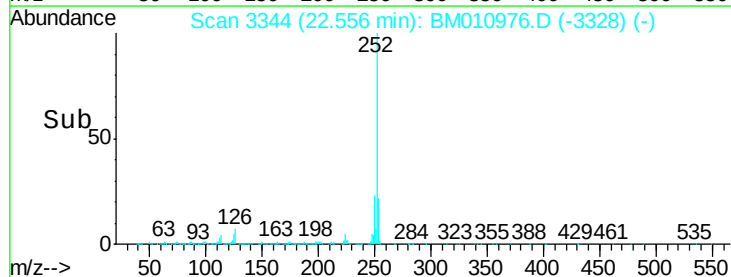
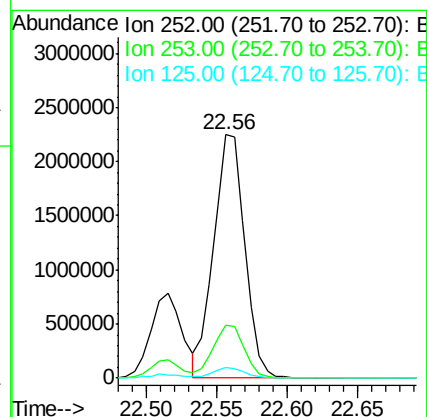
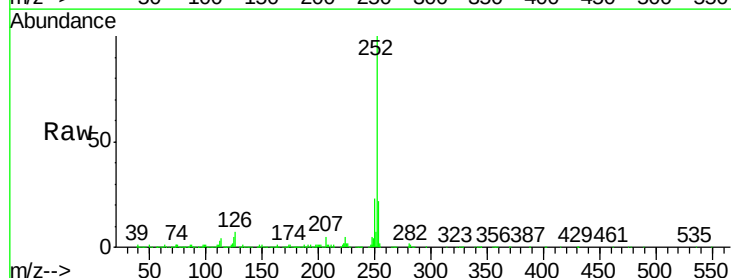
Instrument :
BNA_M
ClientSampleID :
0536DL

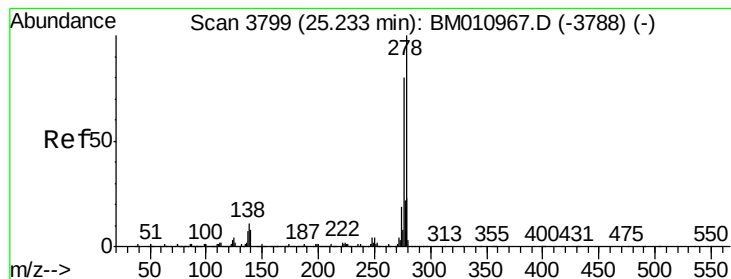
Tgt Ion:252 Resp: 1208806
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 3.7 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 36.353 ng
RT: 22.56 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BM010976.D
Acq: 26 Jul 2017 18:26

Tgt Ion:252 Resp: 3431476
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 4.6 8.1 12.1#





#90

Dibenzo(a,h)anthracene

Concen: 22.161 ng

RT: 25.23 min Scan# 3798

Delta R.T. -0.01 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

Instrument :

BNA_M

ClientSampleId :

0536DL

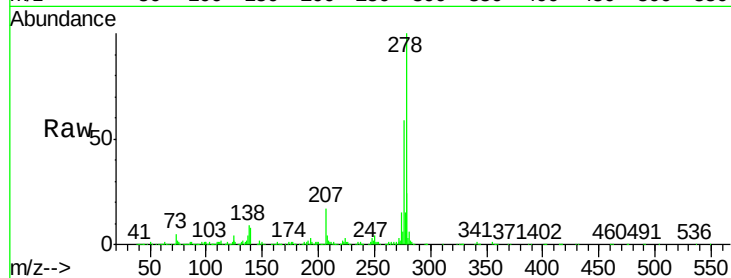
Tgt Ion:278 Resp: 1830817

Ion Ratio Lower Upper

278 100

139 7.7 13.4 20.0#

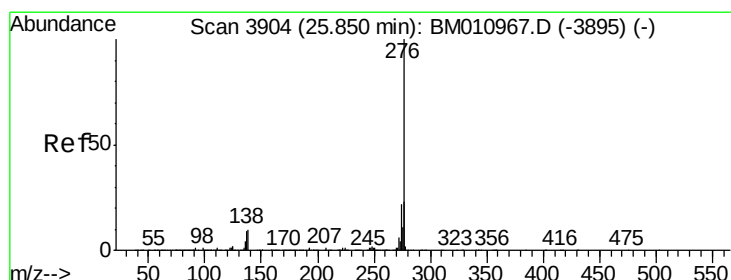
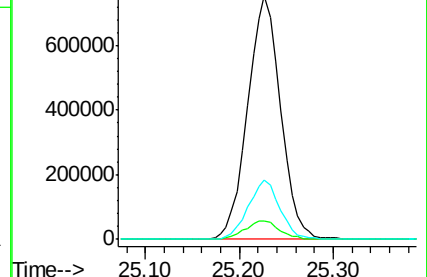
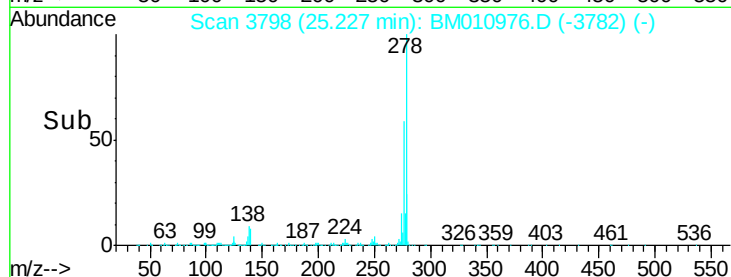
279 24.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.964 ng

RT: 25.83 min Scan# 3901

Delta R.T. -0.02 min

Lab File: BM010976.D

Acq: 26 Jul 2017 18:26

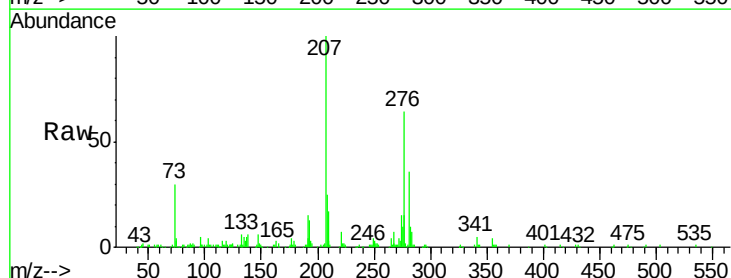
Tgt Ion:276 Resp: 240421

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 10.1 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

