

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072617\
 Data File : BM010974.D
 Acq On : 26 Jul 2017 17:14
 Operator : SJ/JU
 Sample : I4351-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0524

Quant Time: Jul 26 17:47:22 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	247967	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	983233	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	639106	20.00	ng	0.00
63) Phenanthrene-d10	16.81	188	1542868	20.00	ng	0.00
75) Chrysene-d12	21.03	240	1671594	20.00	ng	0.00
86) Perylene-d12	23.14	264	1447376	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	974772	66.45	ng	0.00
7) Phenol-d6	6.59	99	1474459	70.75	ng	0.00
23) Nitrobenzene-d5	8.54	82	1223080	46.69	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1176497	114.85	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	2816794	55.27	ng	0.00
78) Terphenyl-d14	19.47	244	6533171	77.42	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.62	94	500971	22.130	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.93	45	522354	32.910	ng	79
17) 2-Methylphenol	7.85	107	983335	67.967	ng	# 80
18) Hexachloroethane	8.45	117	437521	53.927	ng	# 82
19) n-Nitroso-di-n-propylamine	8.20	70	1849237	104.413	ng	# 90
24) Nitrobenzene	8.59	77	1959009	72.163	ng	# 87
25) Isophorone	9.11	82	4299202	98.426	ng	# 87
26) 2-Nitrophenol	9.28	139	403717	46.739	ng	# 25
29) 2,4-Dichlorophenol	9.81	162	266938	15.623	ng	96
31) Naphthalene	10.20	128	1618108	32.713	ng	98
34) Hexachlorobutadiene	10.49	225	925950	55.646	ng	94
36) 4-Chloro-3-methylphenol	11.46	107	2981880	135.152	ng	# 75
37) 2-Methylnaphthalene	11.83	142	4317098	118.809	ng	# 89
42) 2,4,6-Trichlorophenol	12.46	196	2321061	139.659	ng	99
43) 2,4,5-Trichlorophenol	12.46	196	2165069	126.485	ng	# 81
46) 2-Chloronaphthalene	12.90	162	488732	12.003	ng	# 90
48) Acenaphthylene	13.77	152	2967879	48.842	ng	99
49) Dimethylphthalate	13.54	163	10984483	200.913	ng	# 98
50) 2,6-Dinitrotoluene	13.66	165	2155970	195.007	ng	# 63
51) Acenaphthene	14.12	154	3918442	104.146	ng	97
54) Dibenzofuran	14.46	168	9611123	157.654	ng	# 90
55) 4-Nitrophenol	14.30	139	483046	57.307	ng	97
56) 2,4-Dinitrotoluene	14.45	165	3083474	198.666	ng	93
57) Fluorene	15.12	166	7987186	150.478	ng	99
59) Diethylphthalate	14.91	149	2071734	37.104	ng	99
61) 4-Nitroaniline	15.12	138	104184	10.224	ng	# 34
67) Hexachlorobenzene	16.12	284	4109529	183.357	ng	# 87
70) Phenanthrene	16.85	178	14078542	174.266	ng	98
71) Anthracene	16.94	178	13804010	171.328	ng	93
74) Fluoranthene	18.89	202	14681339	146.644	ng	84
77) Pyrene	19.25	202	11970172	120.516	ng	96
79) Butylbenzylphthalate	20.19	149	1714108	48.532	ng	# 72
80) Benzo(a)anthracene	21.01	228	3434710	35.986	ng	100
82) Chrysene	21.06	228	3785806	41.321	ng	99

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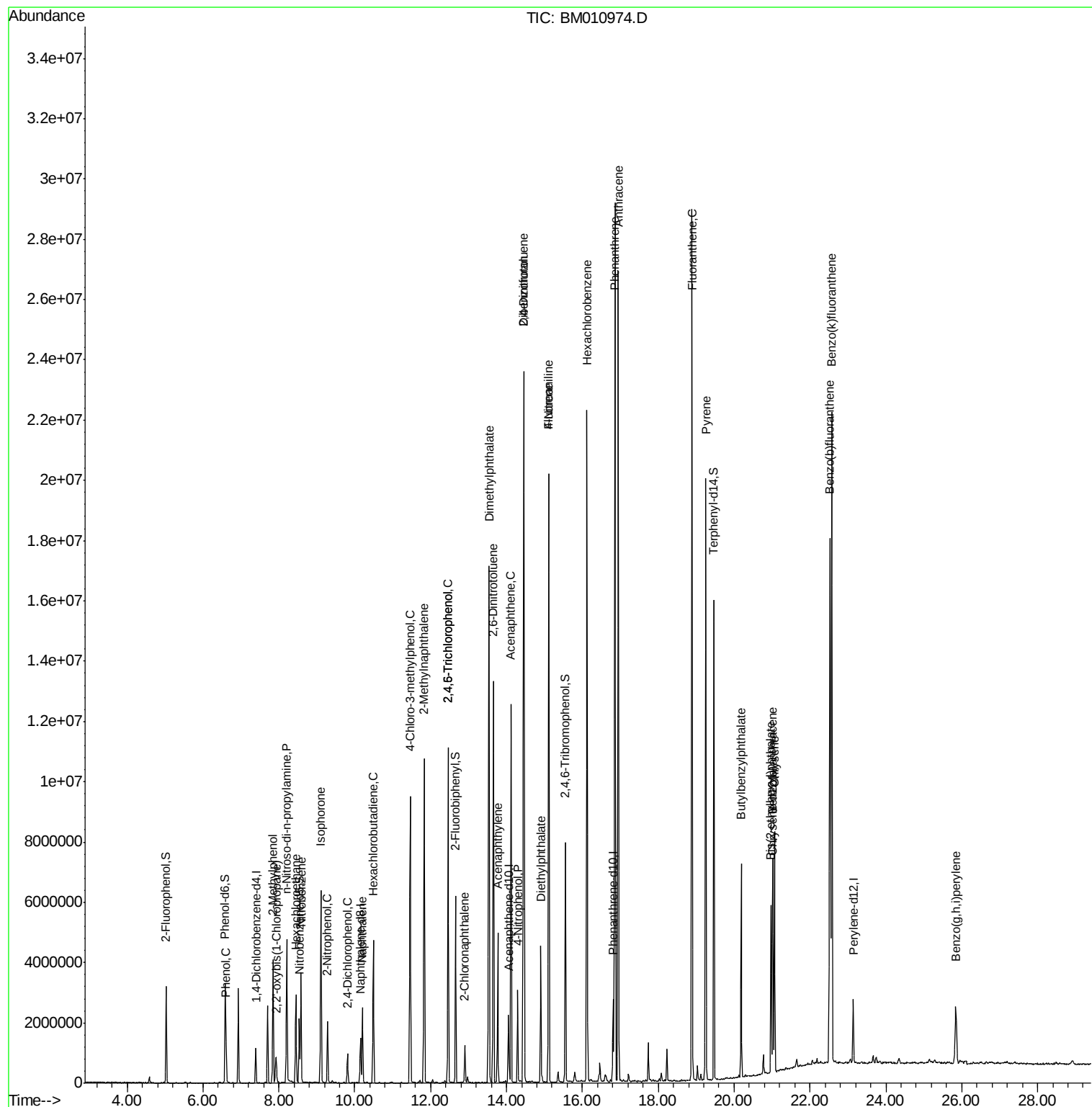
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	20.97	149	1669861	32.138	ng	# 98
87) Benzo(b)fluoranthene	22.53	252	13093951	140.955	ng	# 92
88) Benzo(k)fluoranthene	22.57	252	12725999	142.932	ng	# 92
91) Benzo(g,h,i)perylene	25.85	276	2388241	31.212	ng	# 83

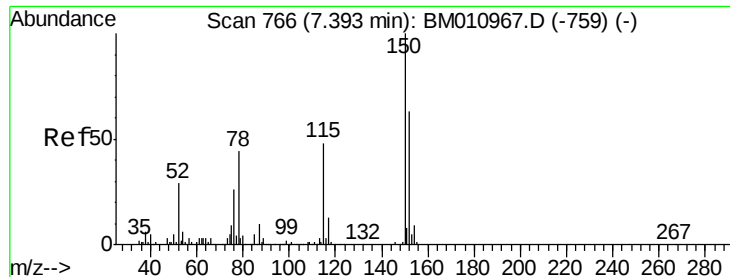
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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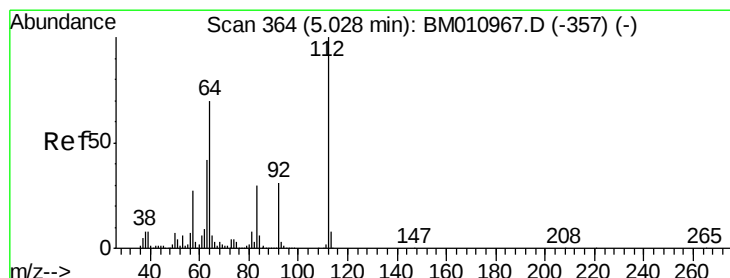
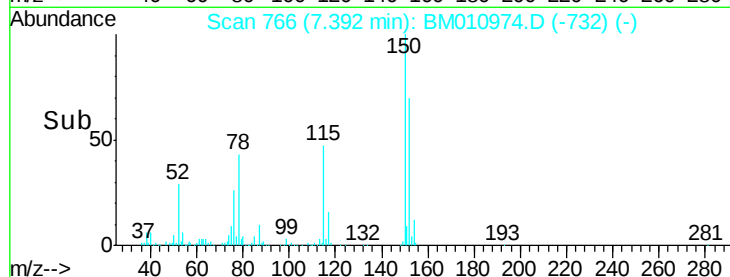
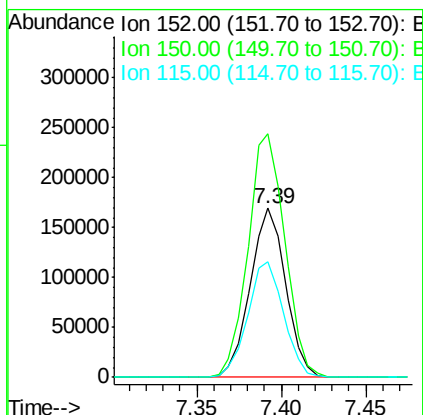
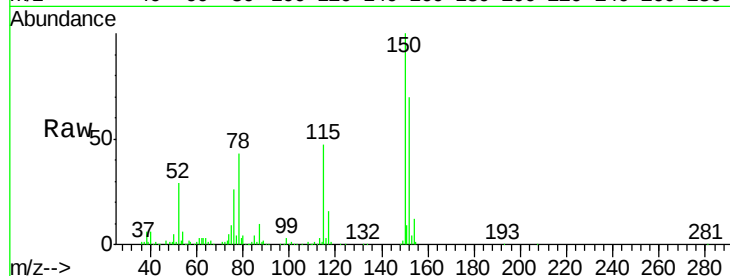


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 766
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Instrument :
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0524

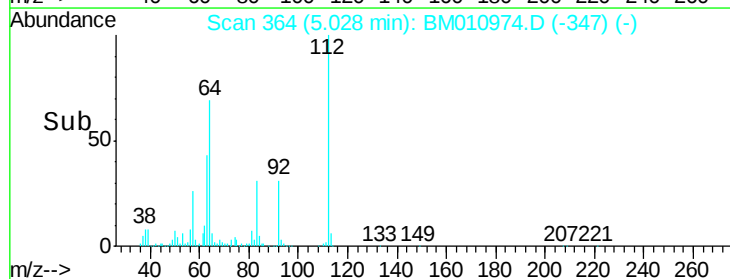
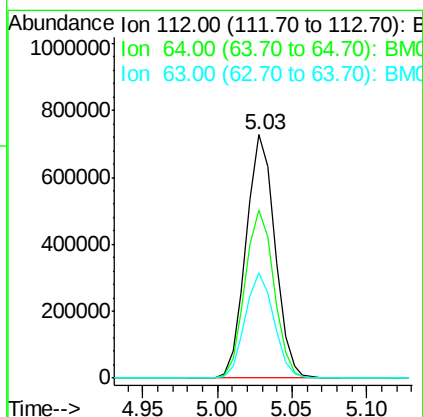
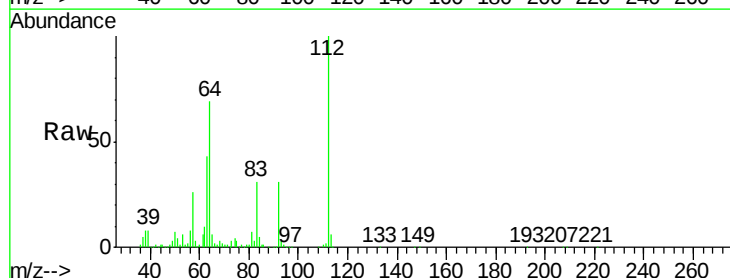
Tgt Ion:152 Resp: 247967
Ion Ratio Lower Upper
152 100
150 143.8 119.5 179.3
115 68.2 43.0 64.4#

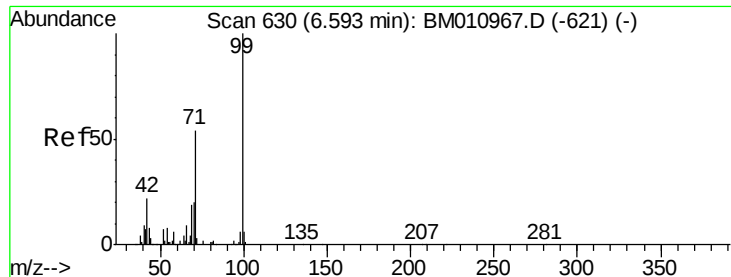


#5

2-Fluorophenol
Concen: 66.452 ng
RT: 5.03 min Scan# 364
Delta R.T. 0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Tgt Ion:112 Resp: 974772
Ion Ratio Lower Upper
112 100
64 69.2 38.6 57.8#
63 43.4 19.3 28.9#





#7

Phenol-d6

Concen: 70.746 ng

RT: 6.59 min Scan# 629

Delta R.T. -0.01 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Instrument :

BNA_M

ClientSampleId :

0524

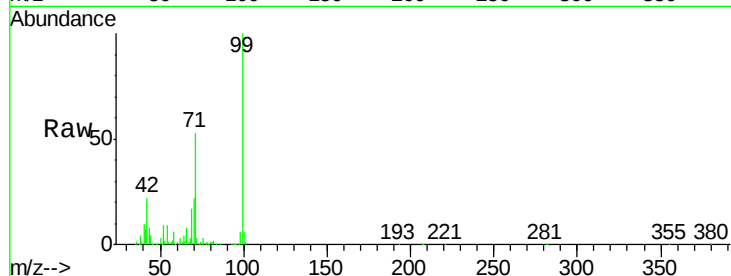
Tgt Ion: 99 Resp: 1474459

Ion Ratio Lower Upper

99 100

42 22.2 11.0 16.4#

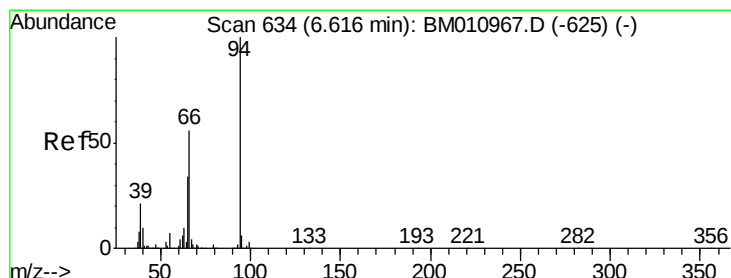
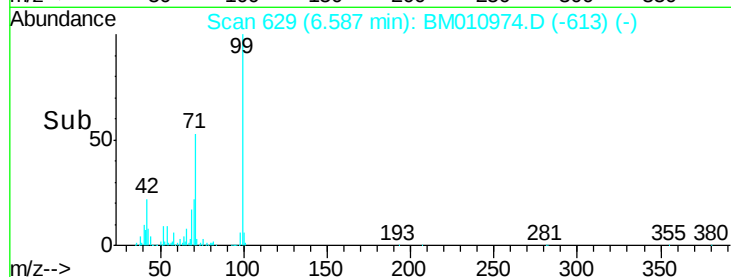
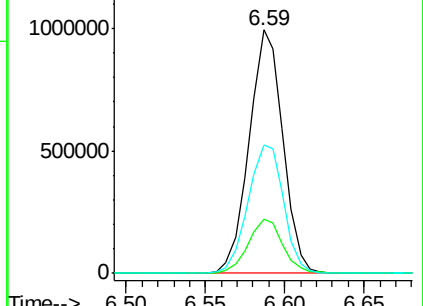
71 52.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#10

Phenol

Concen: 22.130 ng

RT: 6.62 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

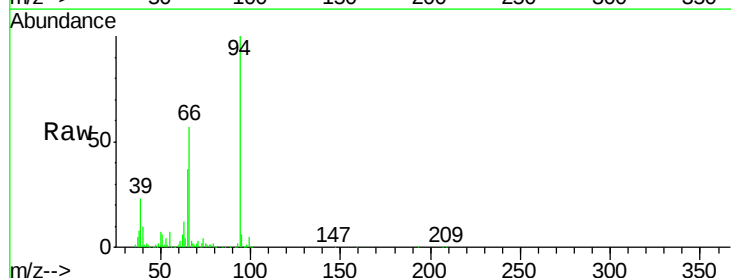
Tgt Ion: 94 Resp: 500971

Ion Ratio Lower Upper

94 100

65 36.6 18.8 58.8

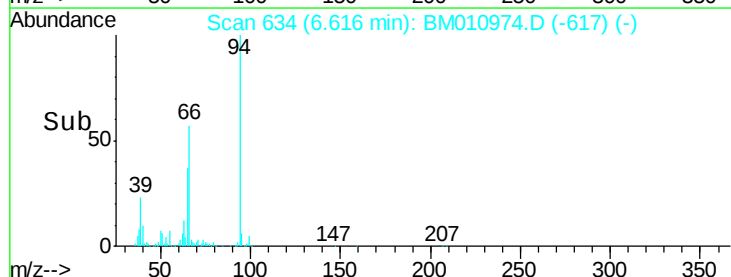
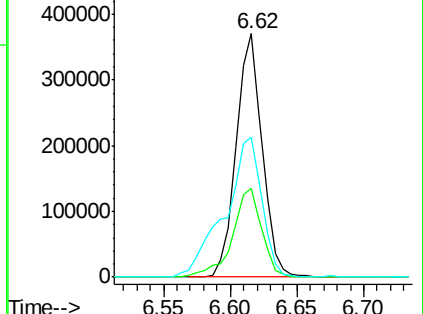
66 57.3 39.9 79.9

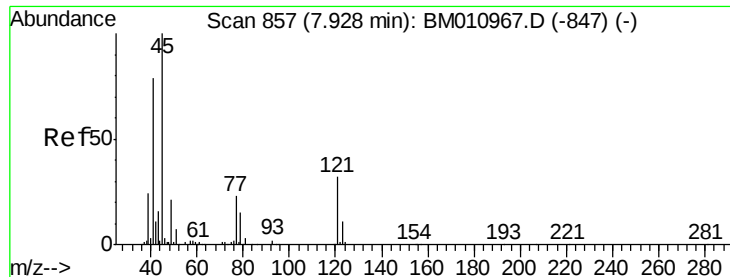


Abundance Ion 94.00 (93.70 to 94.70): BM010967.D (-625) (-)

Ion 65.00 (64.70 to 65.70): BM010967.D (-625) (-)

Ion 66.00 (65.70 to 66.70): BM010967.D (-625) (-)

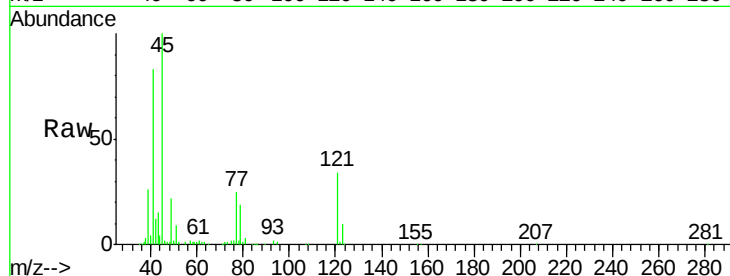




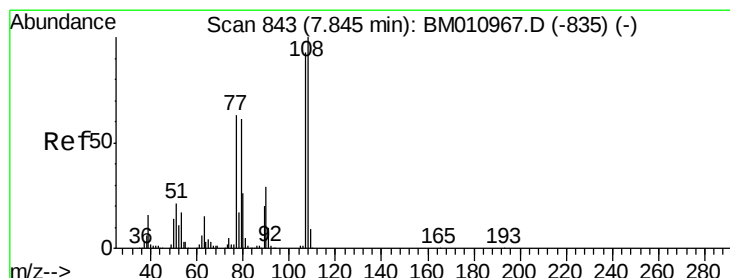
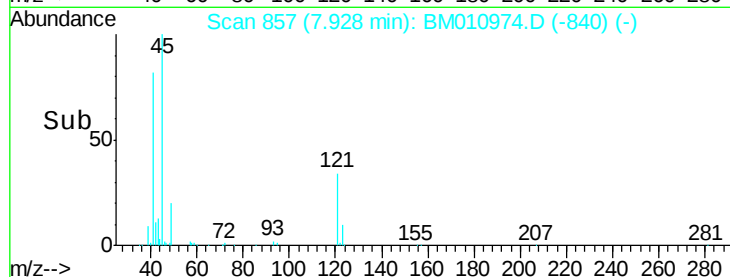
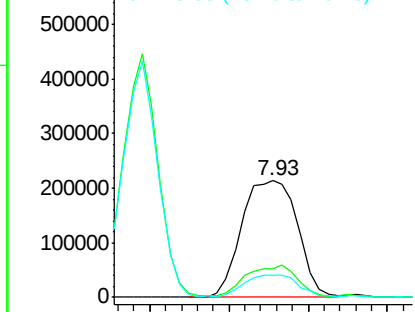
#16
2,2'-oxybis(1-chloropropane)
Concen: 32.910 ng
RT: 7.93 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Instrument :
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ClientSampled :
0524

Tgt Ion: 45 Resp: 522354
Ion Ratio Lower Upper
45 100
77 24.9 0.0 35.2
79 19.3 0.0 32.0

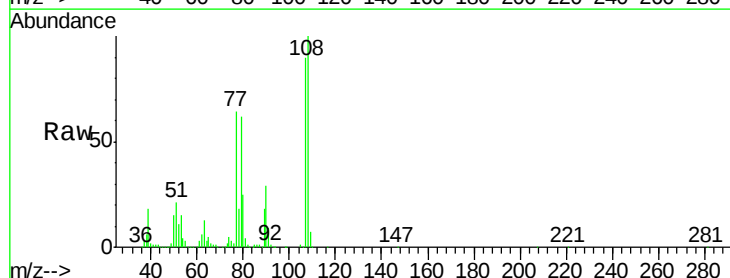


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

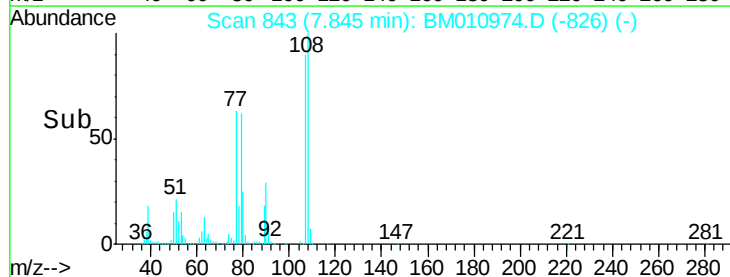
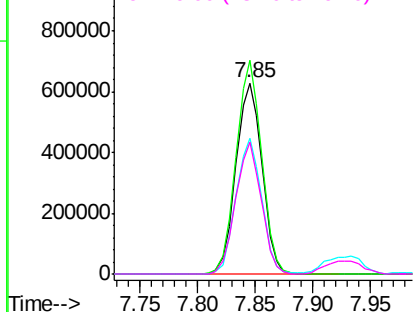


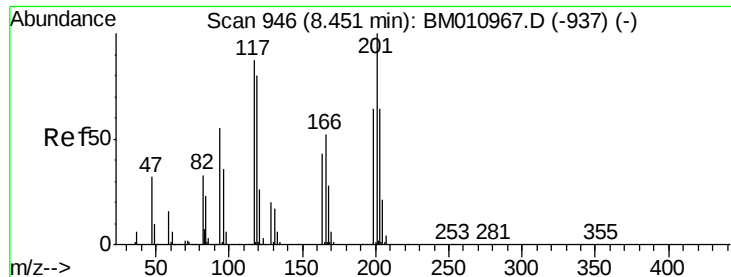
#17
2-Methylphenol
Concen: 67.967 ng
RT: 7.85 min Scan# 843
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Tgt Ion: 107 Resp: 983335
Ion Ratio Lower Upper
107 100
108 111.7 89.8 134.8
77 71.0 32.6 48.8#
79 69.0 32.8 49.2#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

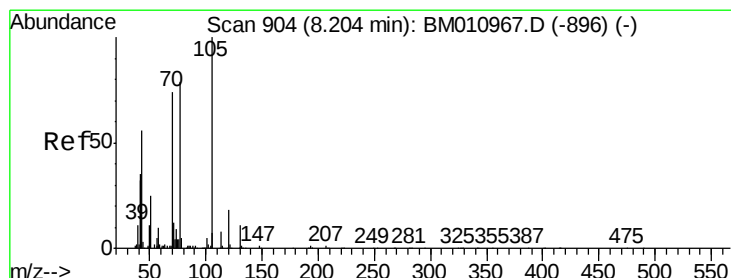
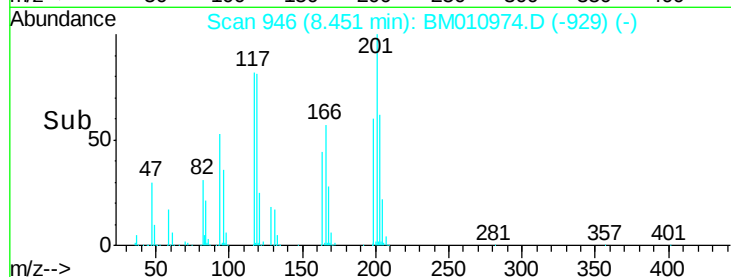
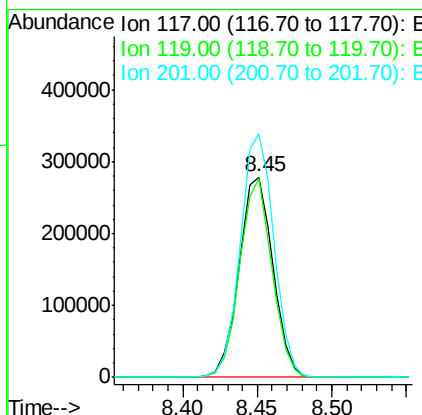
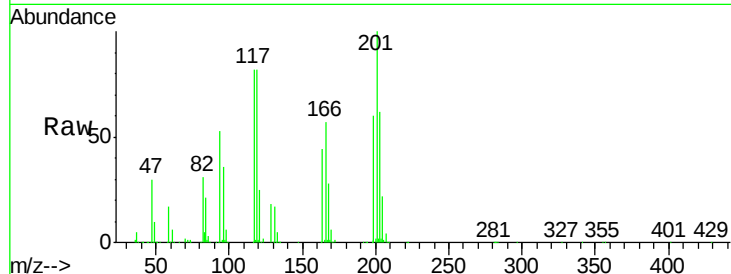




#18
Hexachloroethane
Concen: 53.927 ng
RT: 8.45 min Scan# 946
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

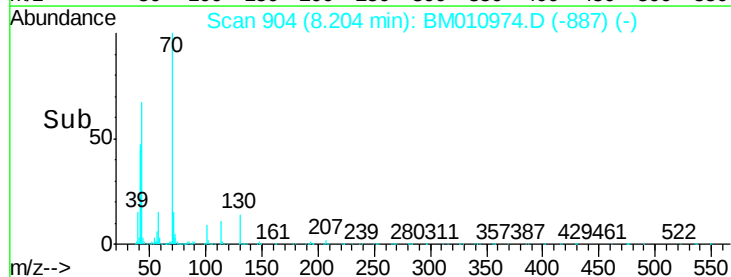
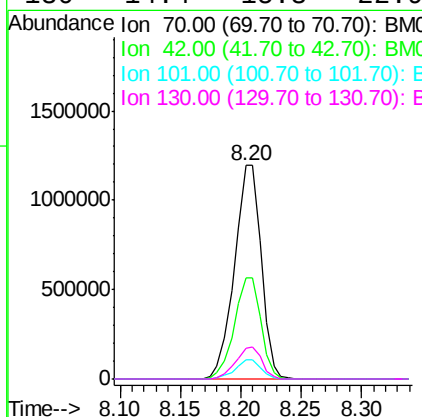
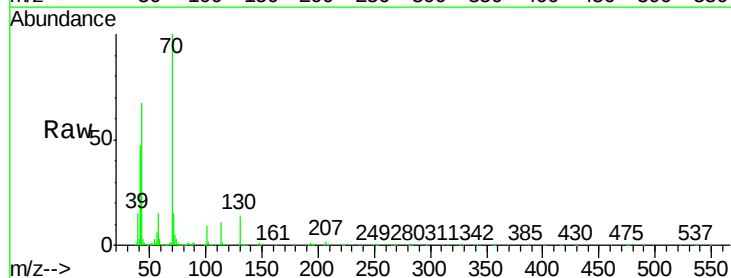
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ClientSampled :
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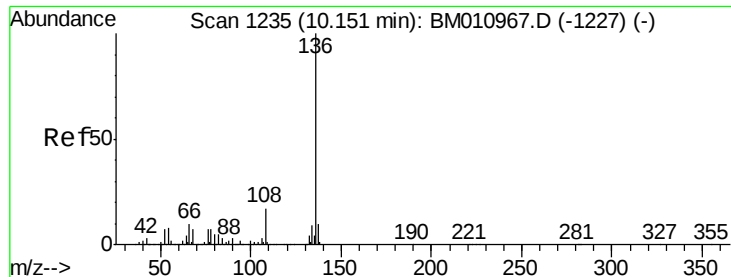
Tgt Ion: 117 Resp: 437521
Ion Ratio Lower Upper
117 100
119 99.3 79.2 118.8
201 121.7 69.8 104.6#



#19
n-Nitroso-di-n-propylamine
Concen: 104.413 ng
RT: 8.20 min Scan# 904
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Tgt Ion: 70 Resp: 1849237
Ion Ratio Lower Upper
70 100
42 47.1 44.5 66.7
101 8.8 7.4 11.2
130 14.4 15.3 22.9#

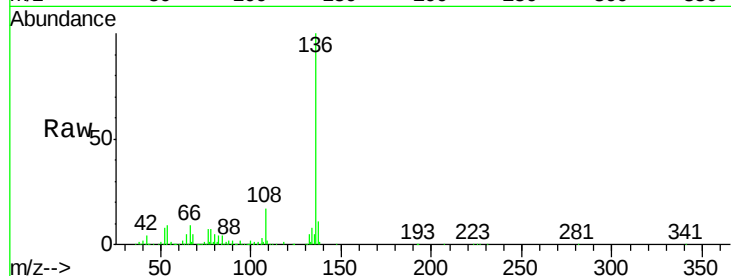




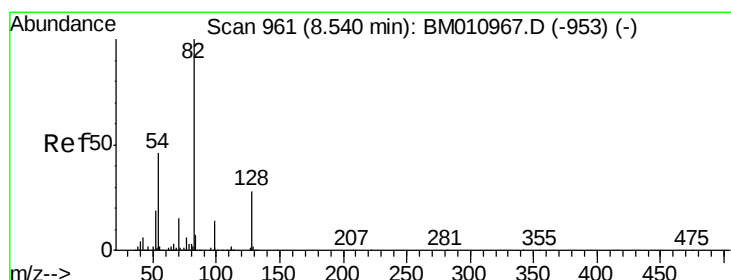
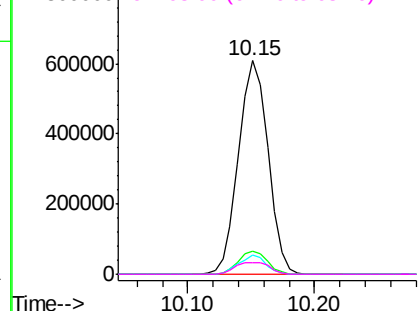
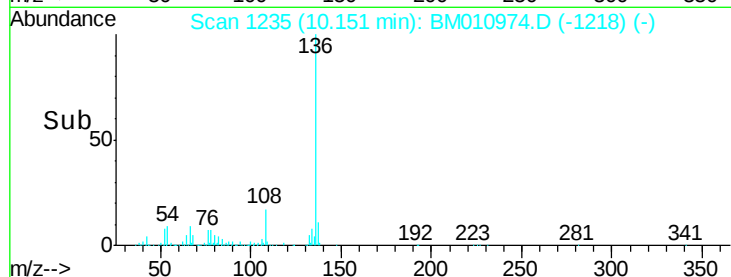
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1235
Delta R.T. -0.00 min
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Tgt Ion:	136	Resp:	983233
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.8	4.6	6.8#
68	5.5	3.7	5.5

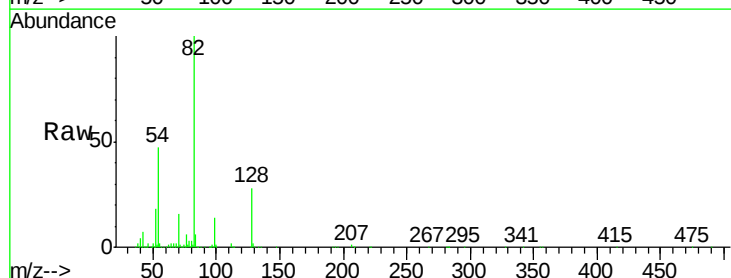


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

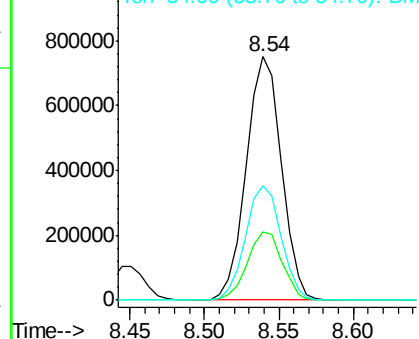
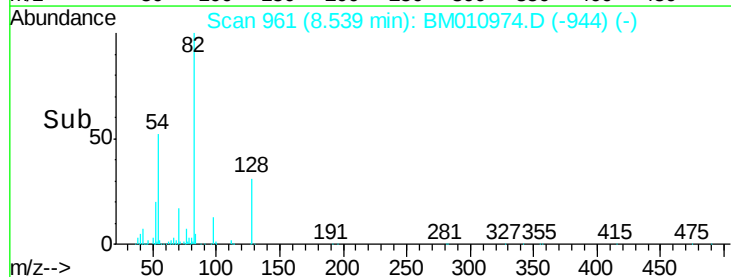


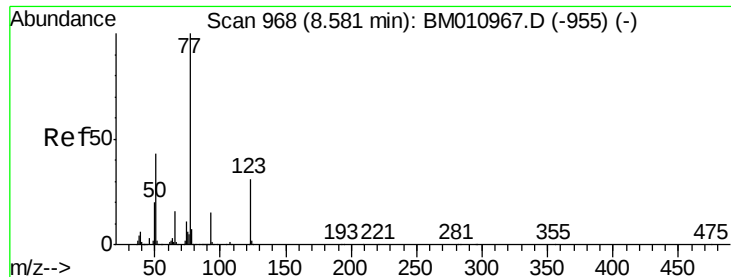
#23
Nitrobenzene-d5
Concen: 46.687 ng
RT: 8.54 min Scan# 961
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Tgt Ion:	82	Resp:	1223080
Ion	Ratio	Lower	Upper
82	100		
128	27.8	32.8	49.2#
54	46.9	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#24

Nitrobenzene

Concen: 72.163 ng

RT: 8.59 min Scan# 969

Delta R.T. 0.01 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Instrument :

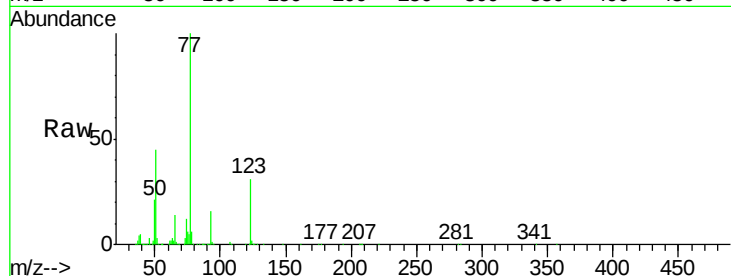
BNA_M

ClientSampleId :

0524

Tgt Ion: 77 Resp: 1959009

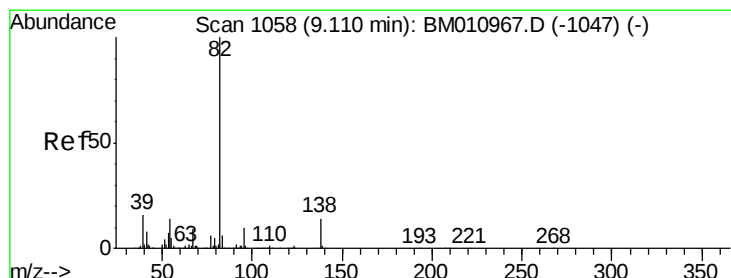
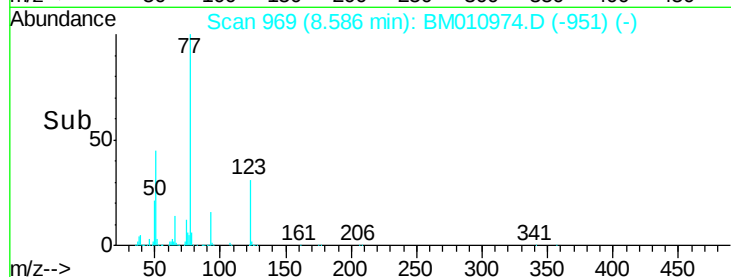
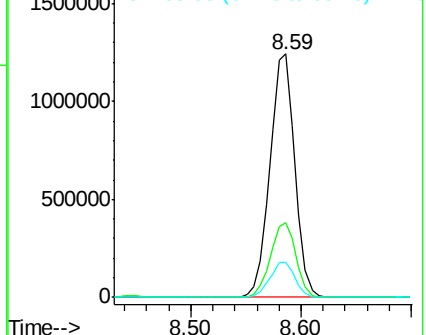
Ion	Ratio	Lower	Upper
77	100		
123	30.6	32.6	49.0#
65	14.3	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BM010967.D (-955) (-)

Ion 123.00 (122.70 to 123.70): BM010967.D (-955) (-)

Ion 65.00 (64.70 to 65.70): BM010967.D (-955) (-)



#25

Isophorone

Concen: 98.426 ng

RT: 9.11 min Scan# 1058

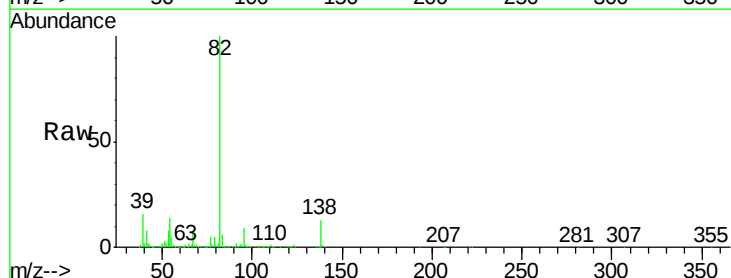
Delta R.T. -0.00 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Tgt Ion: 82 Resp: 4299202

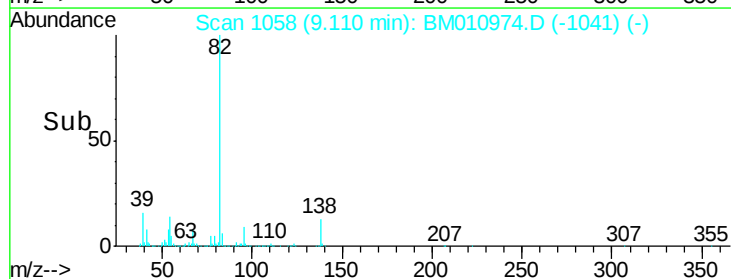
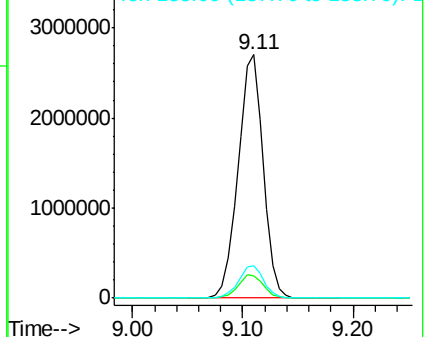
Ion	Ratio	Lower	Upper
82	100		
95	9.3	5.8	8.6#
138	13.3	16.3	24.5#

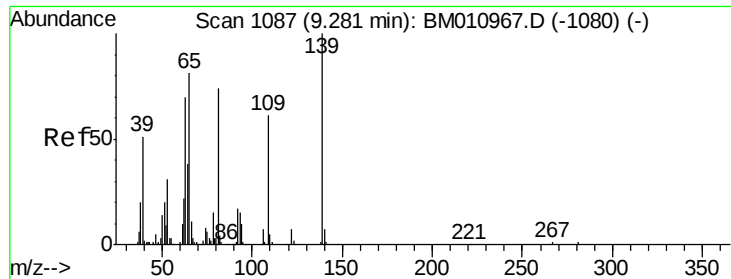


Abundance Ion 82.00 (81.70 to 82.70): BM010967.D (-1047) (-)

Ion 95.00 (94.70 to 95.70): BM010967.D (-1047) (-)

Ion 138.00 (137.70 to 138.70): BM010967.D (-1047) (-)

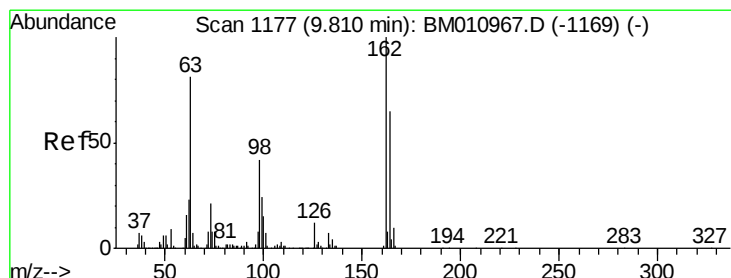
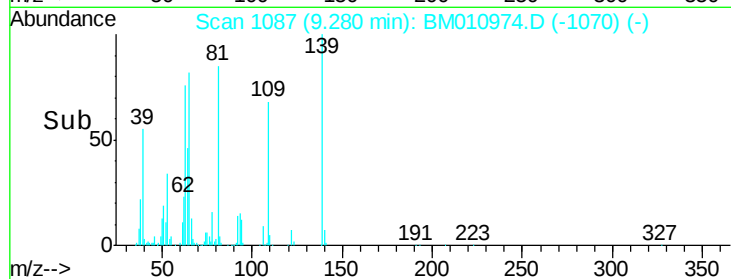
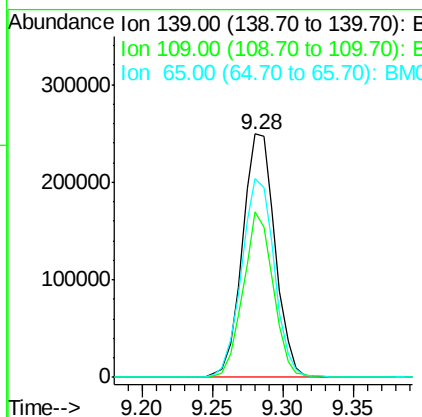
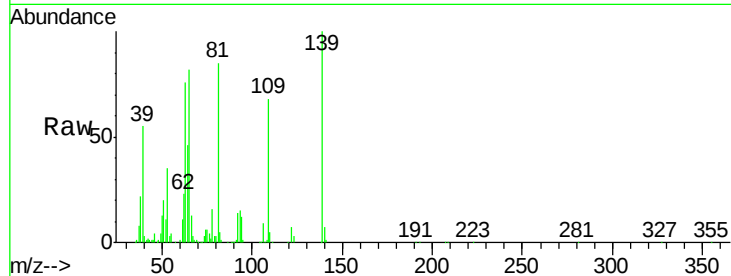




#26
 2-Nitrophenol
 Concen: 46.739 ng
 RT: 9.28 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BM010974.D
 Acq: 26 Jul 2017 17:14

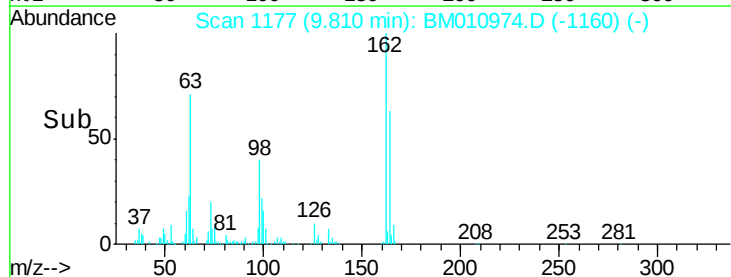
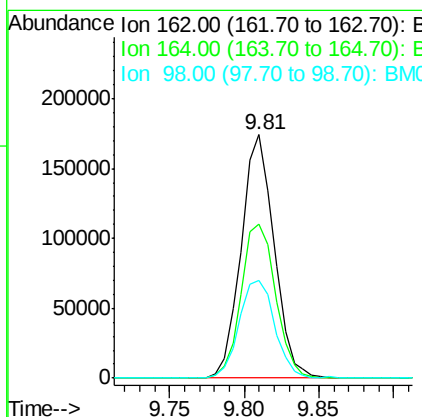
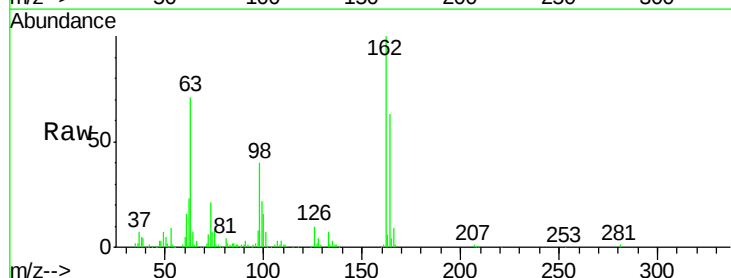
Instrument :
 BNA_M
 ClientSampleId :
 0524

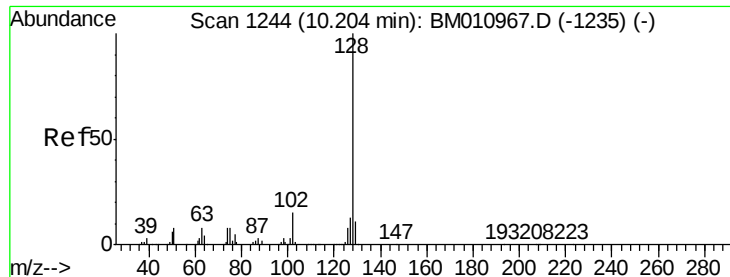
Tgt Ion:139 Resp: 403717
 Ion Ratio Lower Upper
 139 100
 109 67.7 20.1 30.1#
 65 81.8 31.5 47.3#



#29
 2,4-Dichlorophenol
 Concen: 15.623 ng
 RT: 9.81 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BM010974.D
 Acq: 26 Jul 2017 17:14

Tgt Ion:162 Resp: 266938
 Ion Ratio Lower Upper
 162 100
 164 63.1 42.8 82.8
 98 40.4 14.5 54.5

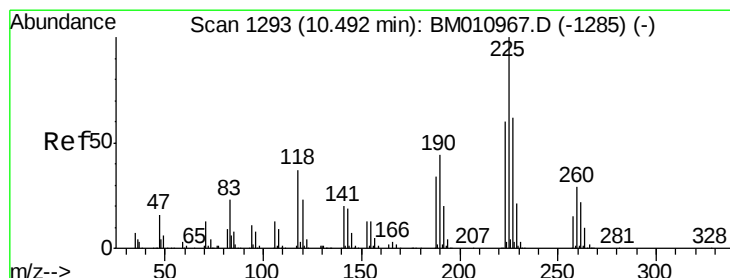
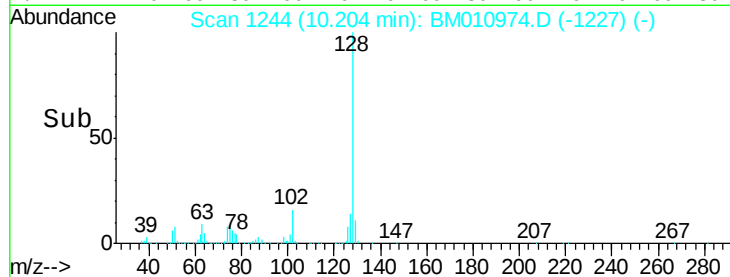
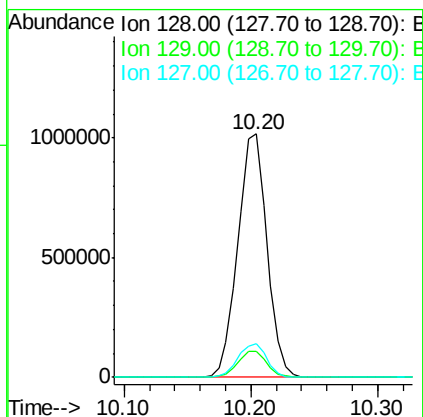
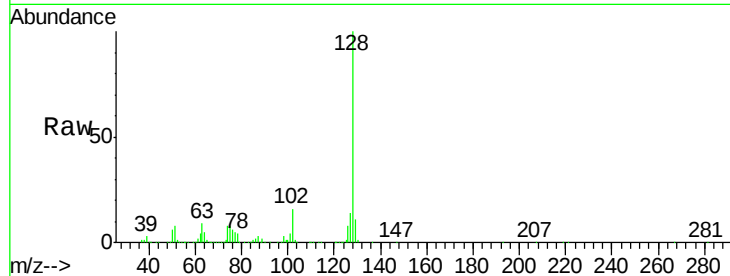




#31
Naphthalene
Concen: 32.713 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

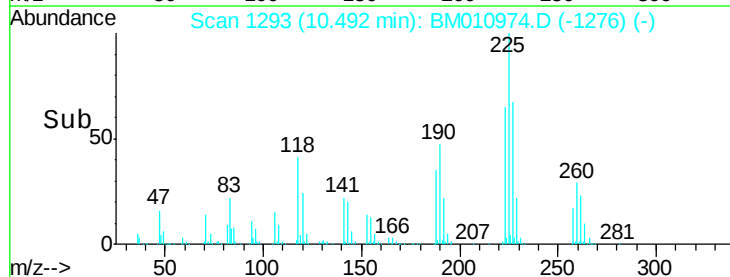
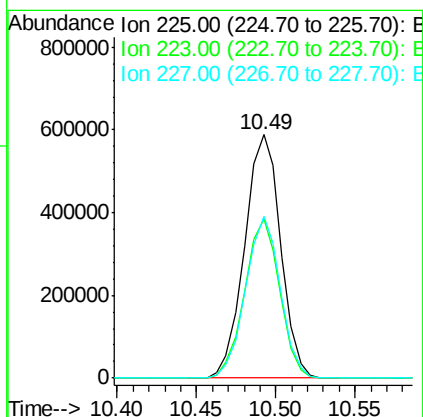
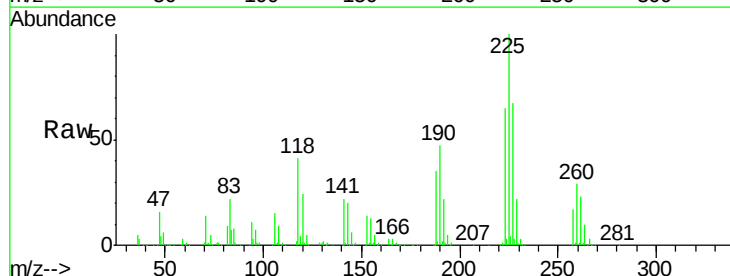
Instrument :
BNA_M
ClientSampleId :
0524

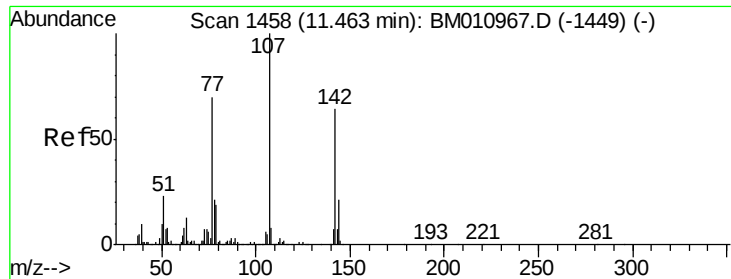
Tgt Ion:128 Resp: 1618108
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 14.0 10.4 15.6



#34
Hexachlorobutadiene
Concen: 55.646 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Tgt Ion:225 Resp: 925950
Ion Ratio Lower Upper
225 100
223 65.5 47.9 71.9
227 66.6 50.1 75.1

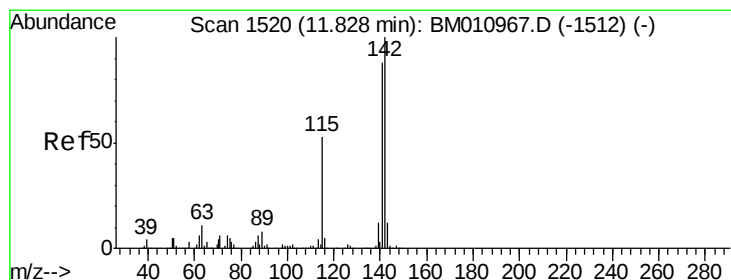
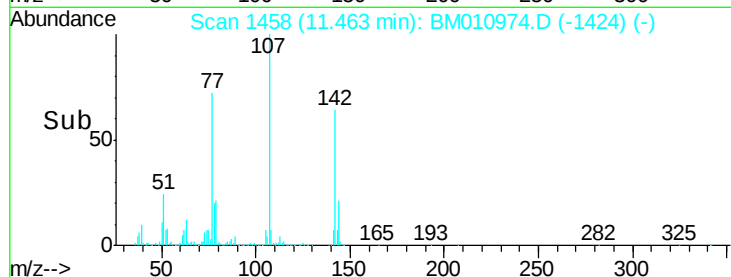
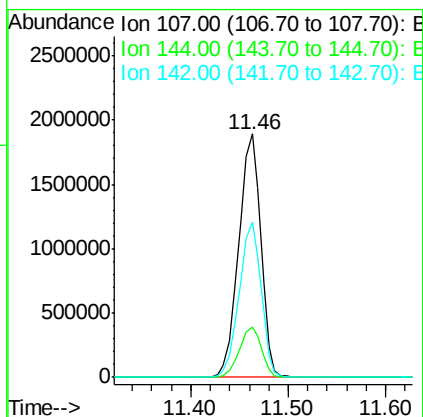
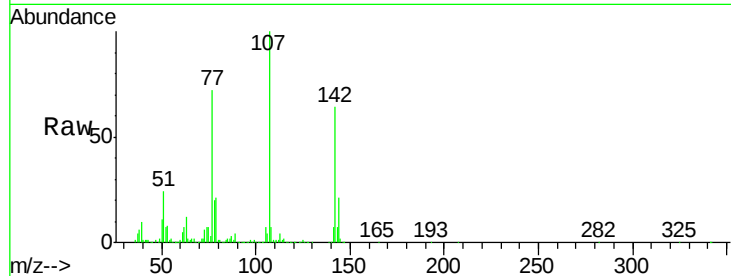




#36
 4-Chloro-3-methylphenol
 Concen: 135.152 ng
 RT: 11.46 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BM010974.D
 Acq: 26 Jul 2017 17:14

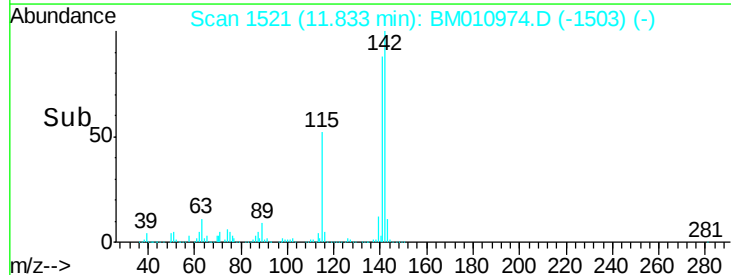
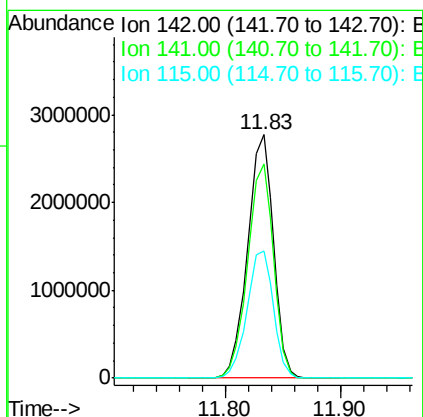
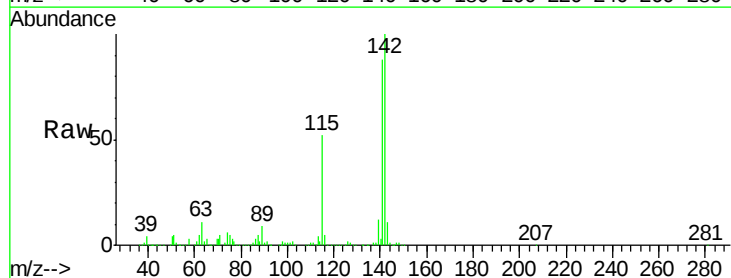
Instrument :
 BNA_M
 ClientSampleId :
 0524

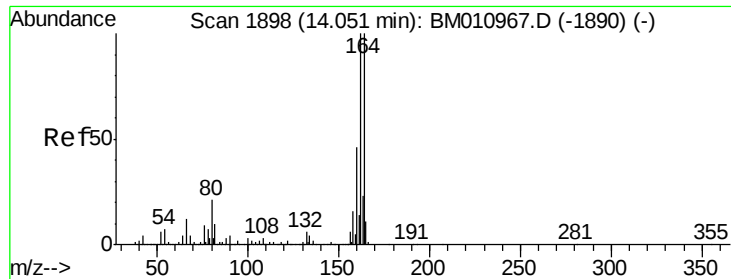
Tgt Ion:107 Resp: 2981880
 Ion Ratio Lower Upper
 107 100
 144 20.6 23.3 34.9#
 142 63.9 72.6 109.0#



#37
 2-Methylnaphthalene
 Concen: 118.809 ng
 RT: 11.83 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BM010974.D
 Acq: 26 Jul 2017 17:14

Tgt Ion:142 Resp: 4317098
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.9 107.9
 115 52.1 25.4 38.0#

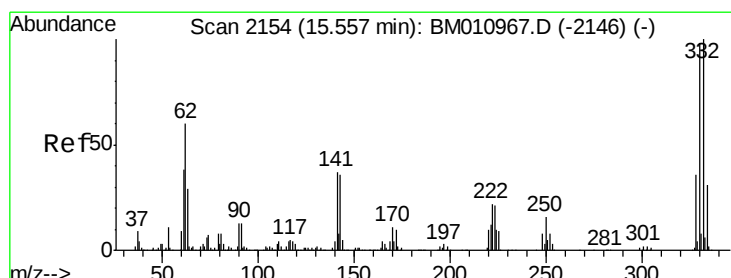
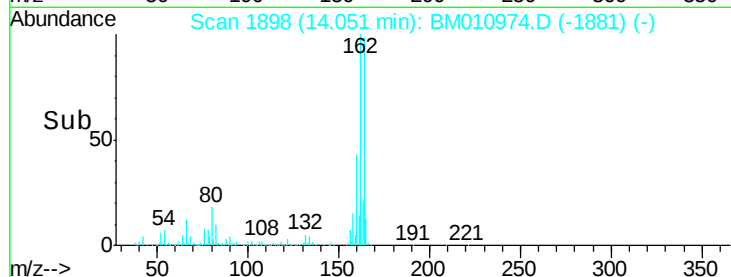
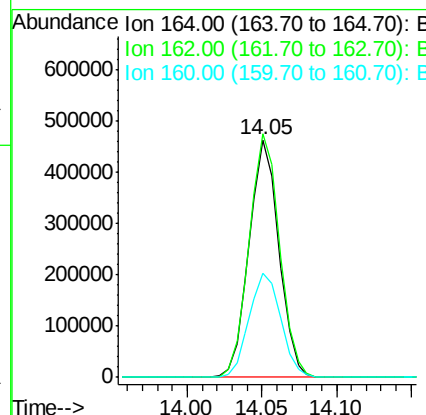
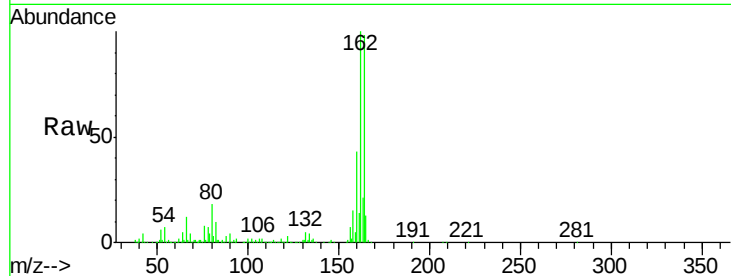




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.05 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

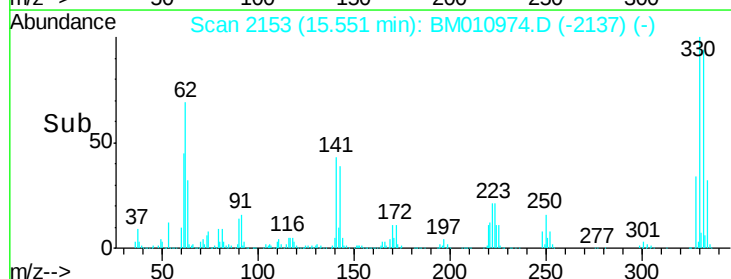
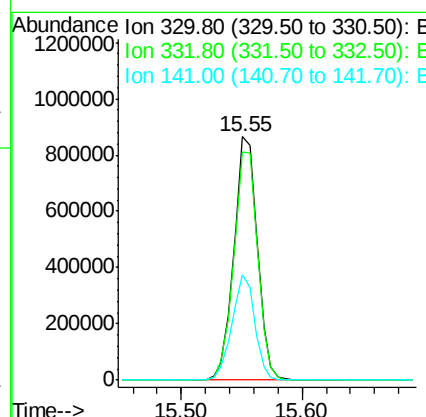
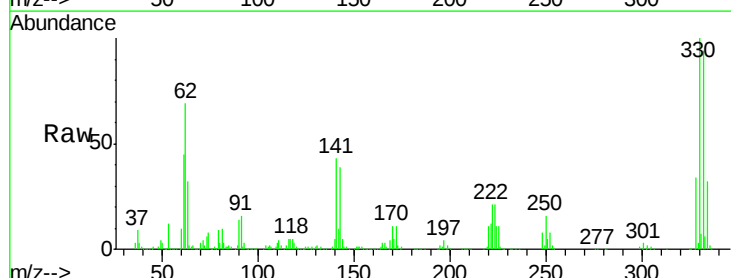
Instrument :
BNA_M
ClientSampleId :
0524

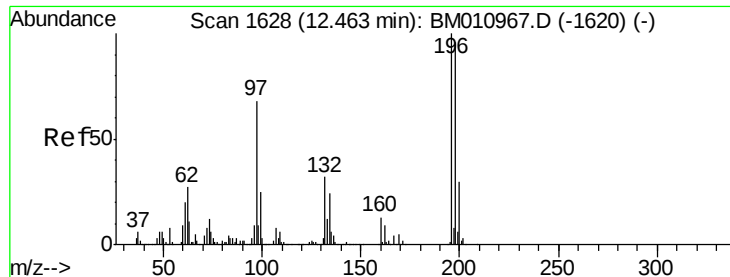
Tgt Ion:164 Resp: 639106
Ion Ratio Lower Upper
164 100
162 102.5 82.4 123.6
160 43.9 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 114.853 ng
RT: 15.55 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Tgt Ion:330 Resp: 1176497
Ion Ratio Lower Upper
330 100
332 95.5 0.0 0.0#
141 41.7 0.0 0.0#

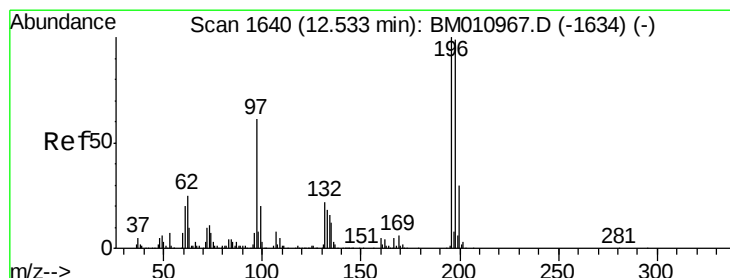
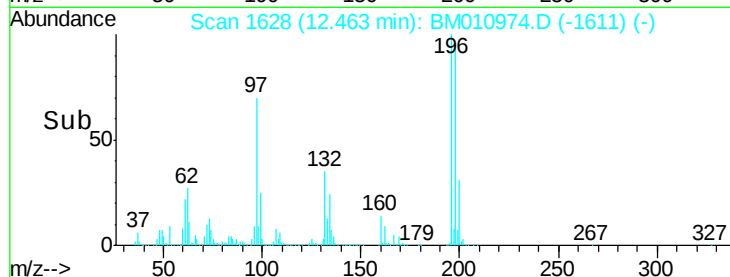
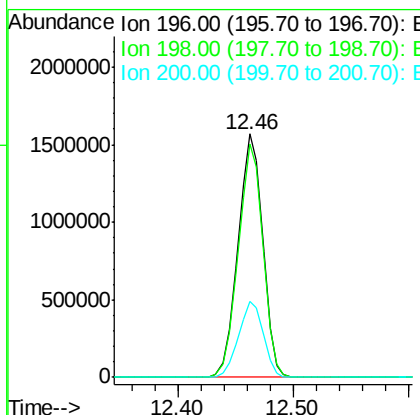
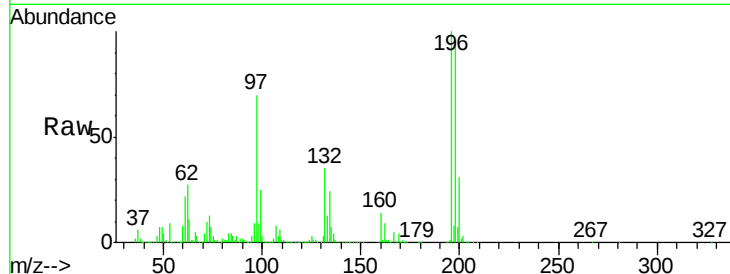




#42
2,4,6-Trichlorophenol
Concen: 139.659 ng
RT: 12.46 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

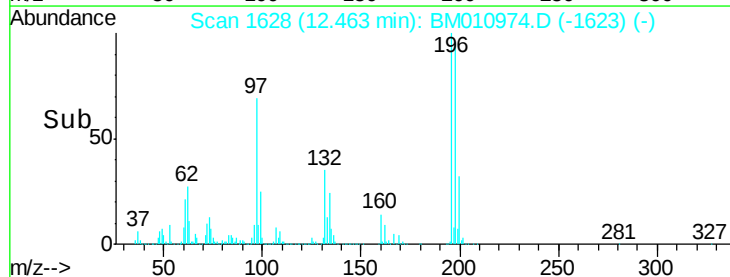
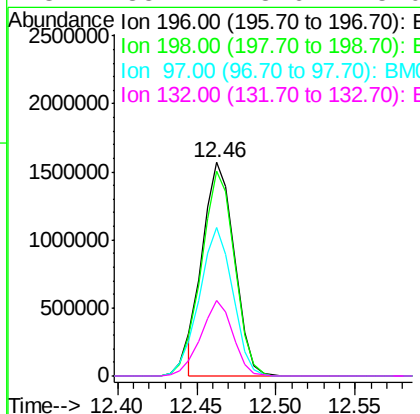
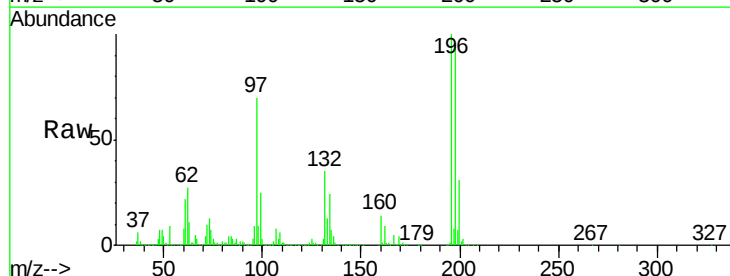
Instrument :
BNA_M
ClientSampleId :
0524

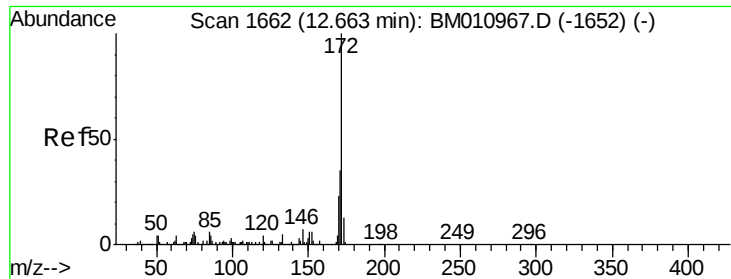
Tgt Ion:196 Resp: 2321061
Ion Ratio Lower Upper
196 100
198 95.8 76.3 114.5
200 31.5 25.6 38.4



#43
2,4,5-Trichlorophenol
Concen: 126.485 ng
RT: 12.46 min Scan# 1628
Delta R.T. -0.07 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Tgt Ion:196 Resp: 2165069
Ion Ratio Lower Upper
196 100
198 95.8 79.4 119.0
97 69.7 26.8 40.2#
132 35.2 18.6 28.0#

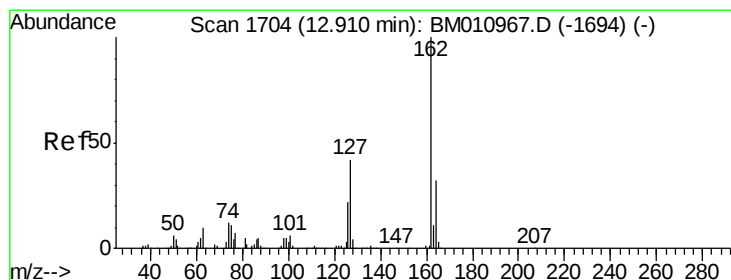
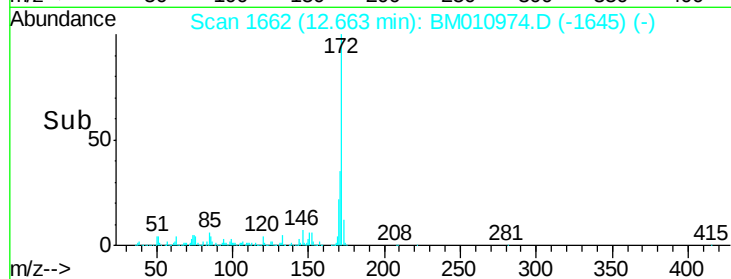
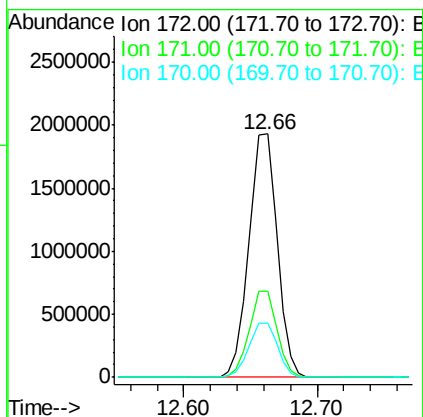
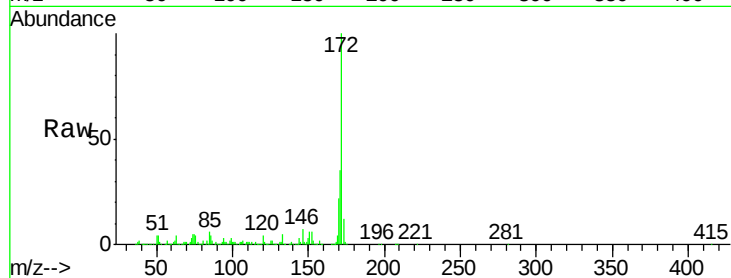




#44
 2-Fluorobiphenyl
 Concen: 55.275 ng
 RT: 12.66 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM010974.D
 Acq: 26 Jul 2017 17:14

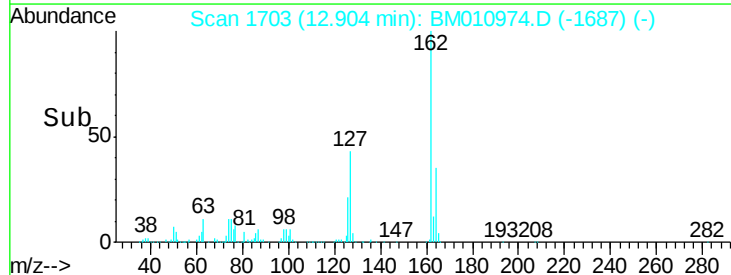
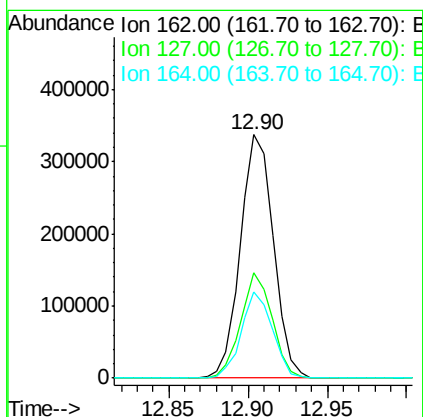
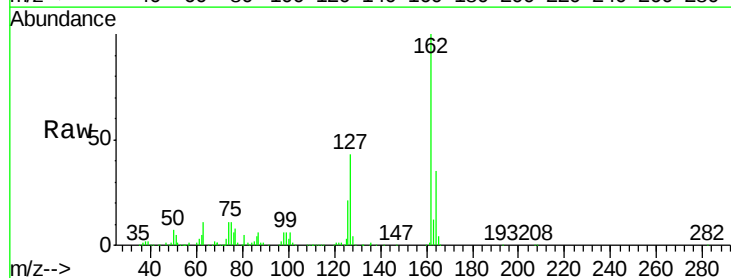
Instrument :
 BNA_M
 ClientSampleId :
 0524

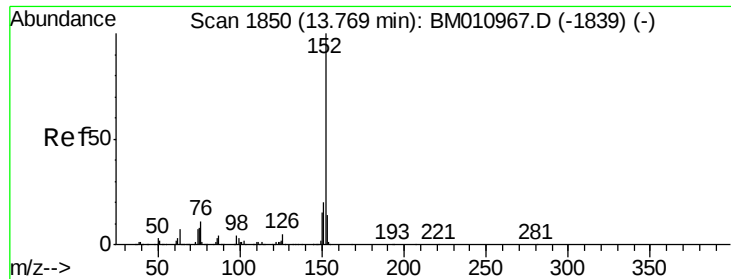
Tgt Ion:172 Resp: 2816794
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 22.4 18.8 28.2



#46
 2-Chloronaphthalene
 Concen: 12.003 ng
 RT: 12.90 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BM010974.D
 Acq: 26 Jul 2017 17:14

Tgt Ion:162 Resp: 488732
 Ion Ratio Lower Upper
 162 100
 127 43.5 26.9 40.3#
 164 35.5 26.8 40.2





#48

Acenaphthylene

Concen: 48.842 ng

RT: 13.77 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Instrument :

BNA_M

ClientSampleId :

0524

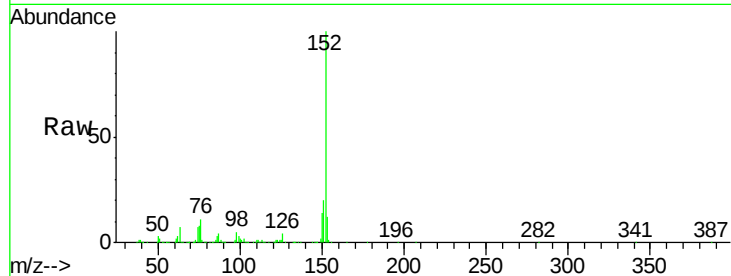
Tgt Ion:152 Resp: 2967879

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

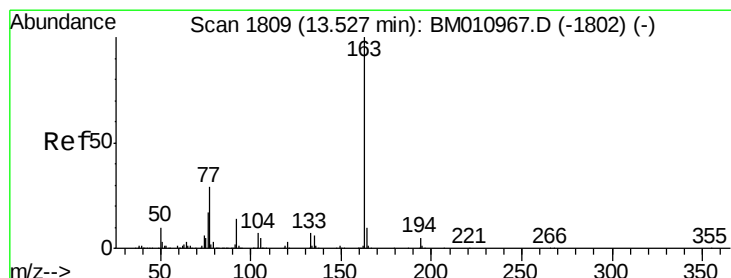
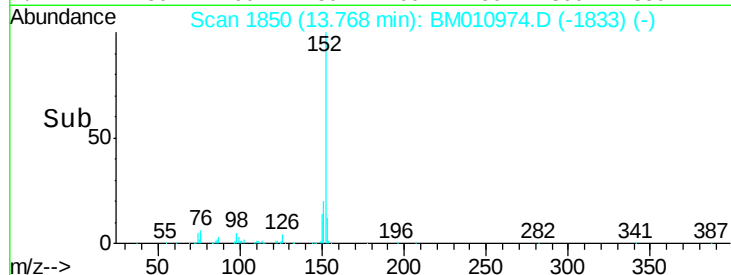
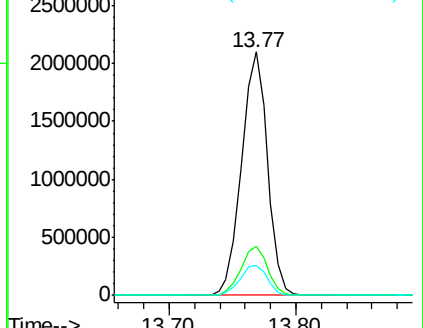
153 12.4 10.6 16.0



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: 200.913 ng

RT: 13.54 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

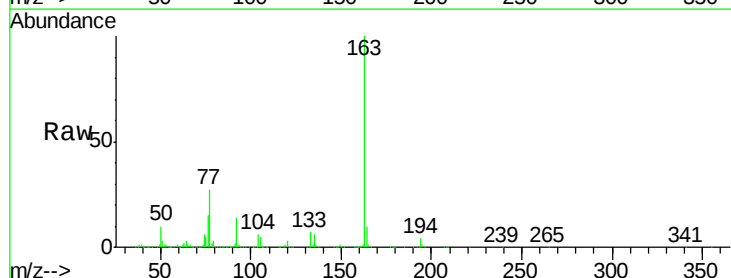
Tgt Ion:163 Resp:10984483

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

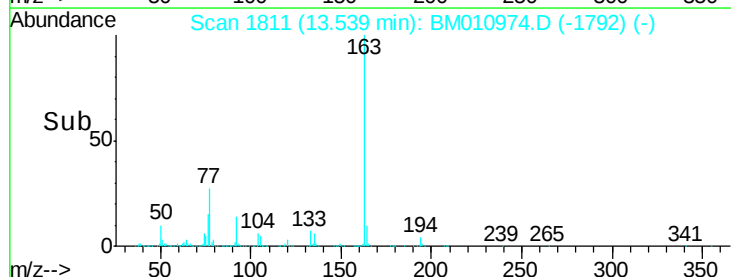
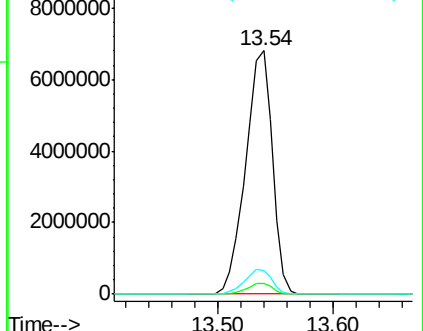
164 9.8 8.2 12.2

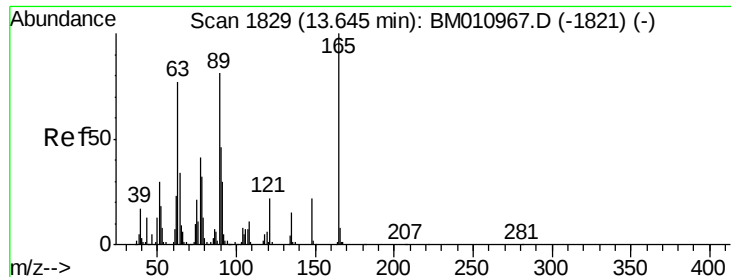


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

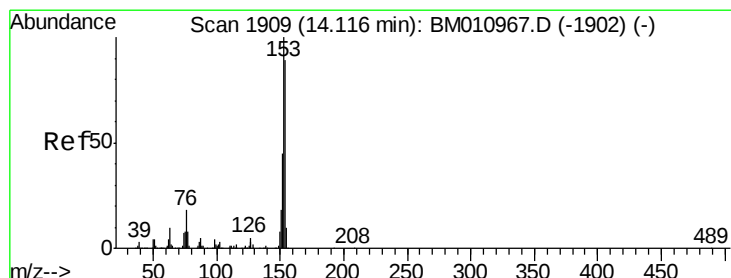
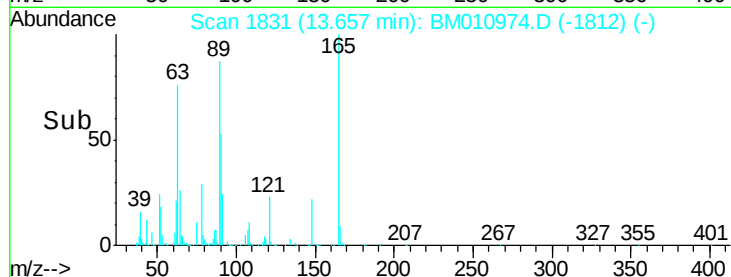
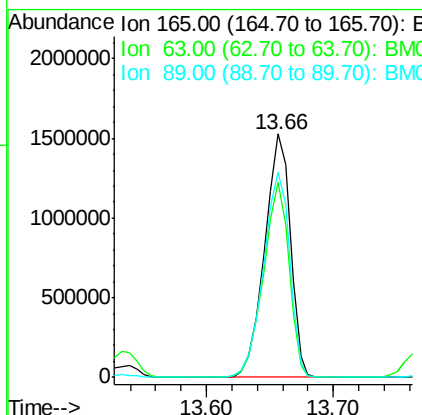
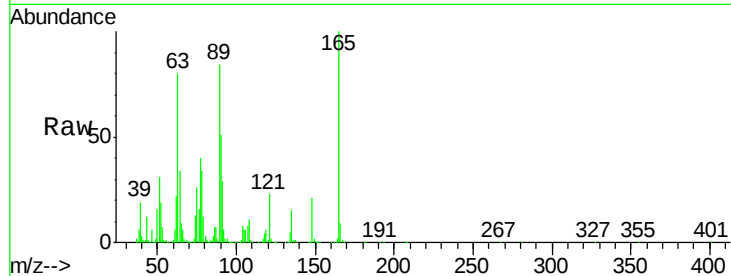




#50
 2,6-Dinitrotoluene
 Concen: 195.007 ng
 RT: 13.66 min Scan# 1831
 Delta R.T. 0.01 min
 Lab File: BM010974.D
 Acq: 26 Jul 2017 17:14

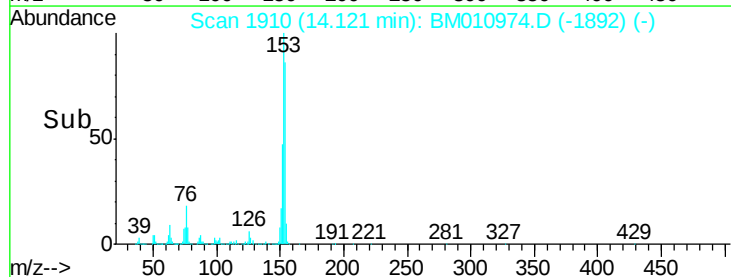
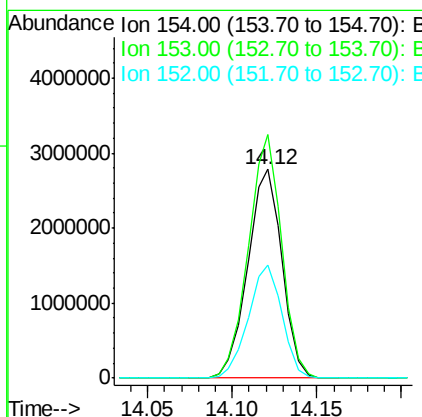
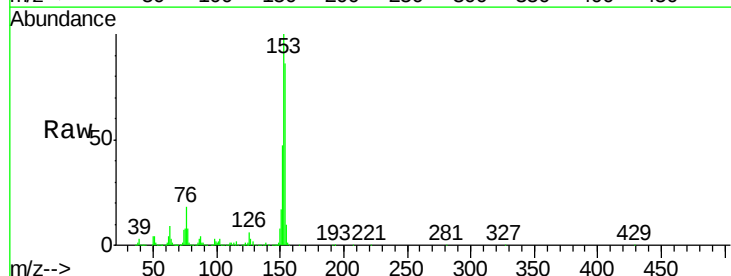
Instrument :
 BNA_M
 ClientSampleId :
 0524

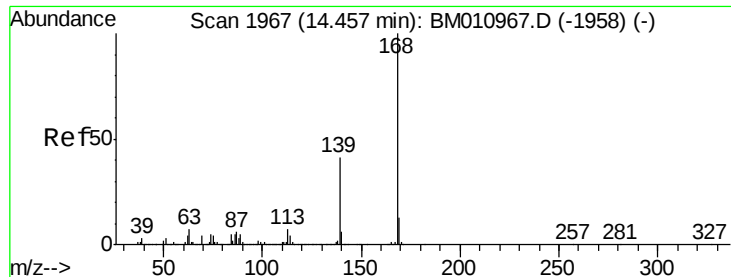
Tgt Ion:165 Resp: 2155970
 Ion Ratio Lower Upper
 165 100
 63 80.0 44.1 66.1#
 89 84.5 44.3 66.5#



#51
 Acenaphthene
 Concen: 104.146 ng
 RT: 14.12 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: BM010974.D
 Acq: 26 Jul 2017 17:14

Tgt Ion:154 Resp: 3918442
 Ion Ratio Lower Upper
 154 100
 153 116.8 90.0 135.0
 152 54.5 42.6 63.8





#54

Dibenzenofuran

Concen: 157.654 ng

RT: 14.46 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Instrument :

BNA_M

ClientSampleId :

0524

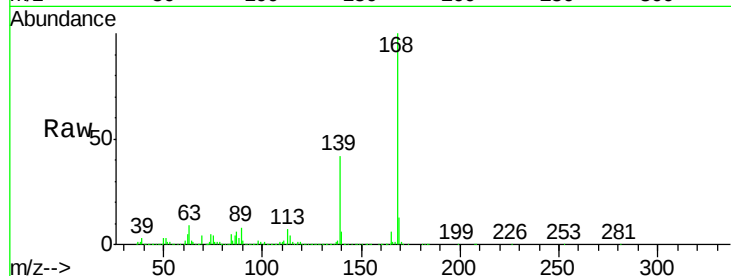
Tgt Ion:168 Resp: 9611123

Ion Ratio Lower Upper

168 100

139 41.8 27.3 40.9#

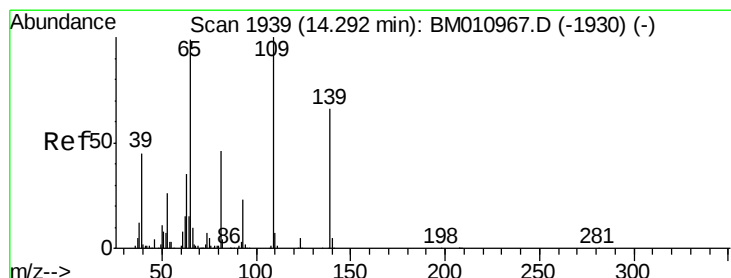
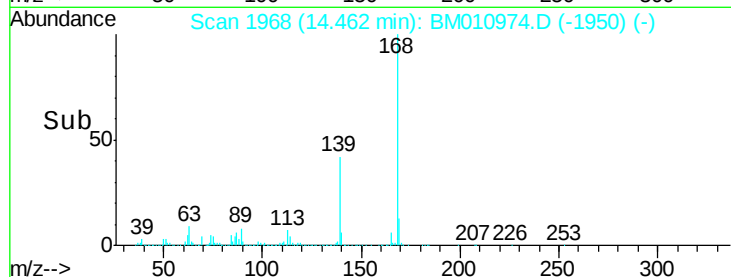
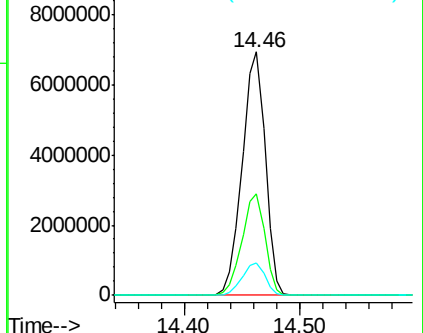
169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 57.307 ng

RT: 14.30 min Scan# 1940

Delta R.T. 0.01 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

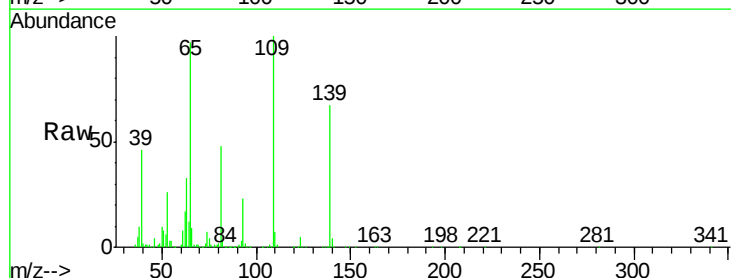
Tgt Ion:139 Resp: 483046

Ion Ratio Lower Upper

139 100

109 148.8 130.0 170.0

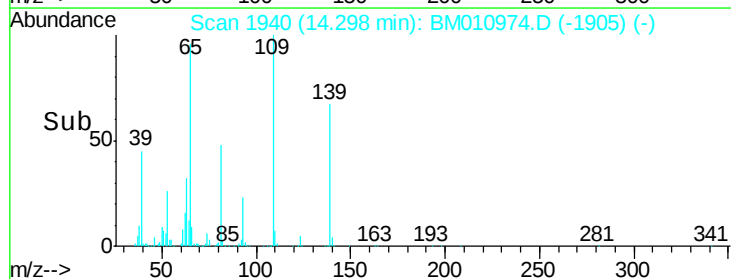
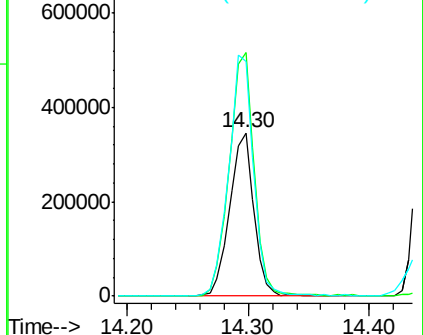
65 143.7 130.0 170.0

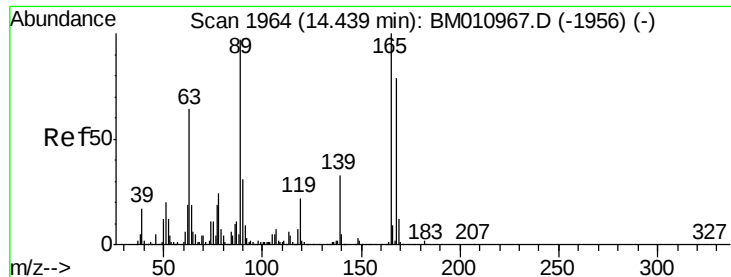


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

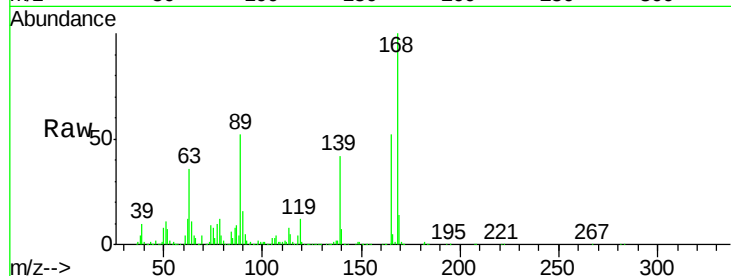




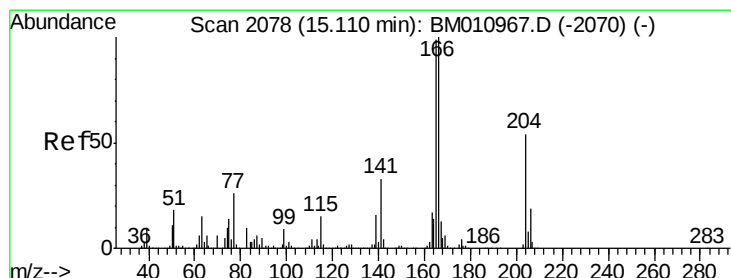
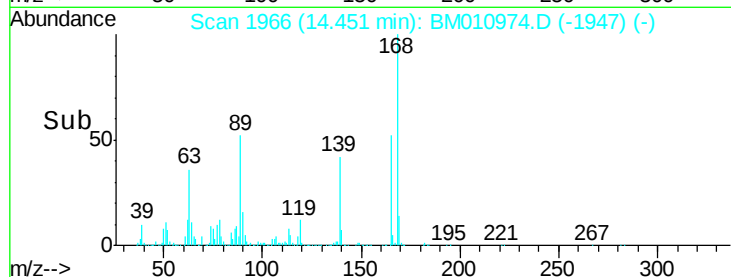
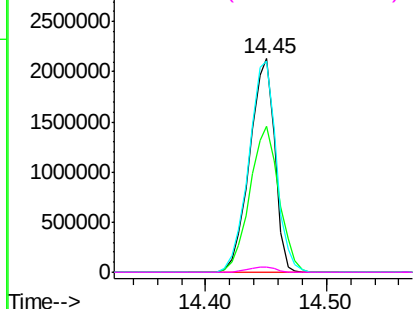
#56
2,4-Dinitrotoluene
Concen: 198.666 ng
RT: 14.45 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Instrument :
BNA_M
ClientSampleId :
0524

Tgt Ion:165 Resp: 3083474
Ion Ratio Lower Upper
165 100
63 68.5 52.4 78.6
89 99.2 72.4 108.6
182 2.6 2.0 3.0

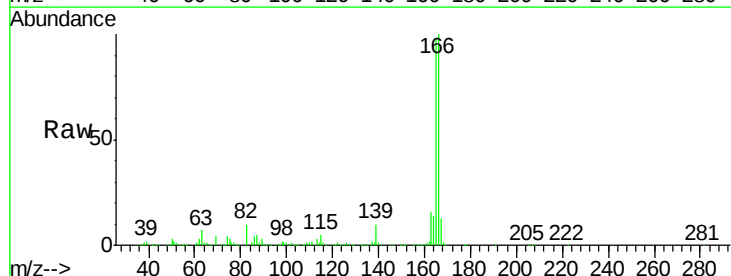


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

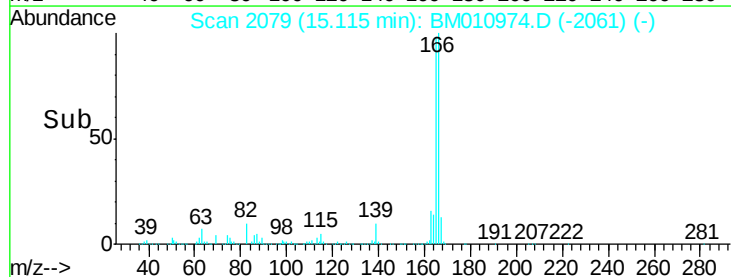
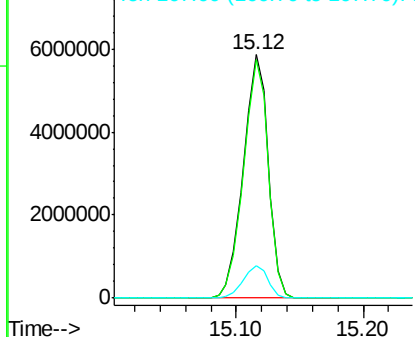


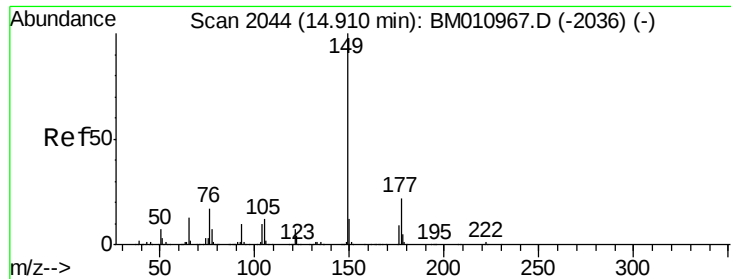
#57
Fluorene
Concen: 150.478 ng
RT: 15.12 min Scan# 2079
Delta R.T. 0.01 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Tgt Ion:166 Resp: 7987186
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.4
167 13.4 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

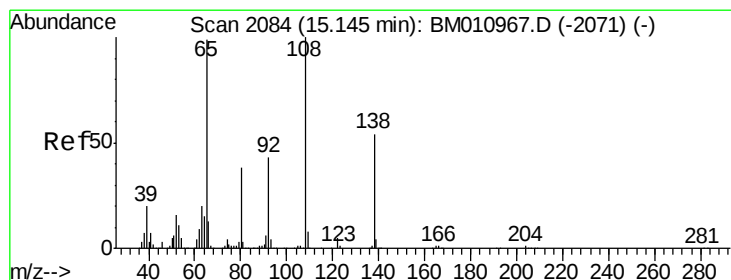
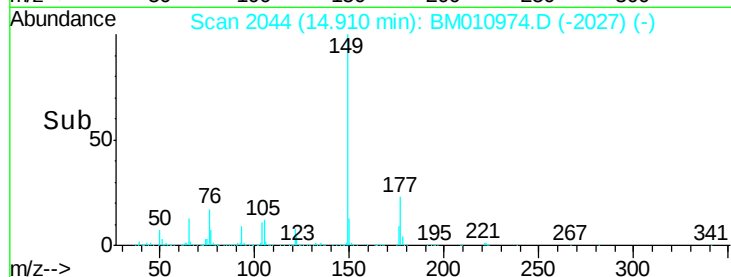
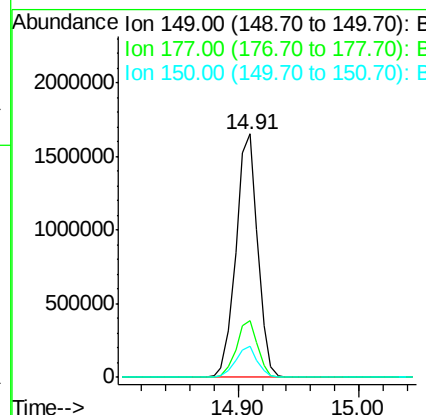
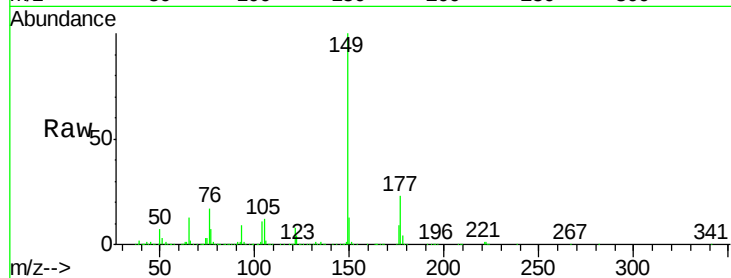




#59
Diethylphthalate
Concen: 37.104 ng
RT: 14.91 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

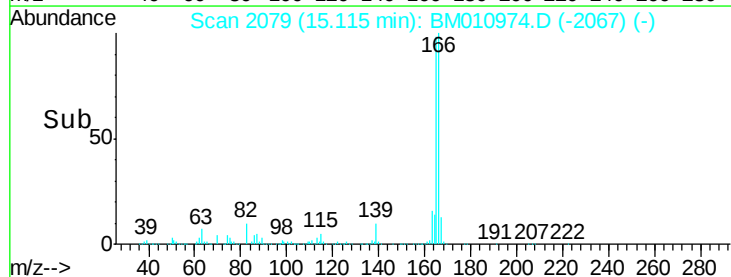
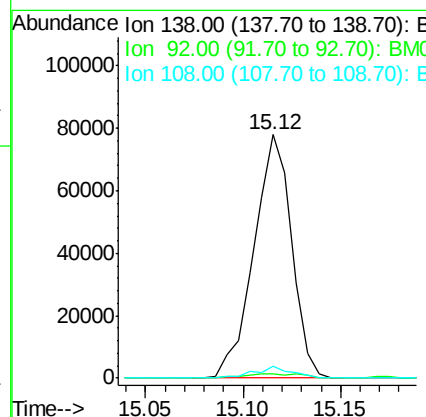
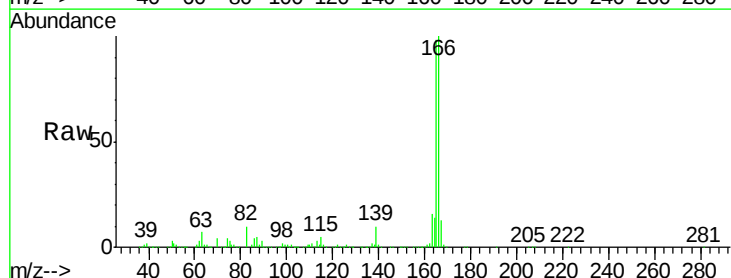
Instrument :
BNA_M
ClientSampled :
0524

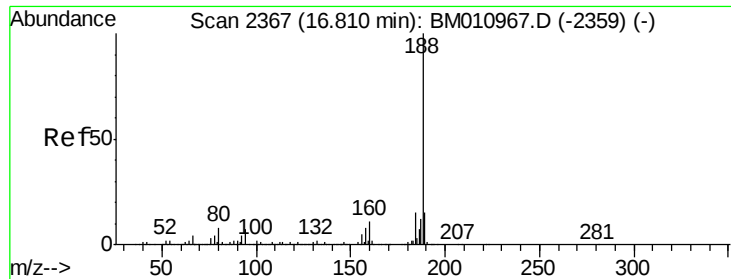
Tgt Ion:149 Resp: 2071734
Ion Ratio Lower Upper
149 100
177 23.2 18.3 27.5
150 12.7 9.8 14.8



#61
4-Nitroaniline
Concen: 10.224 ng
RT: 15.12 min Scan# 2079
Delta R.T. -0.03 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Tgt Ion:138 Resp: 104184
Ion Ratio Lower Upper
138 100
92 1.9 16.7 56.7#
108 4.8 37.6 77.6#

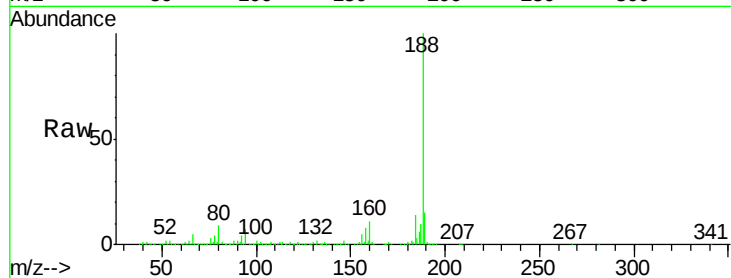




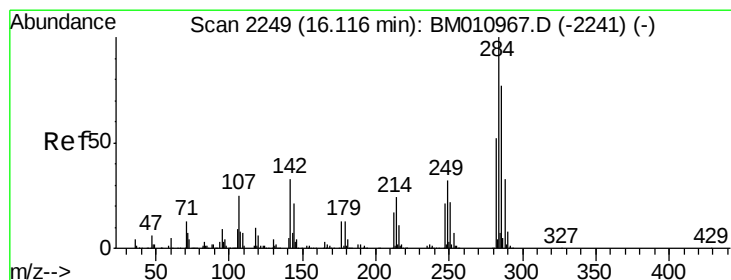
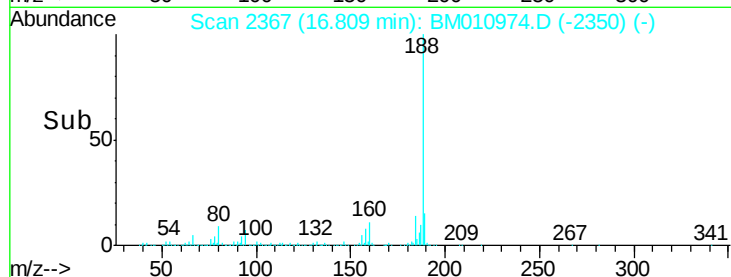
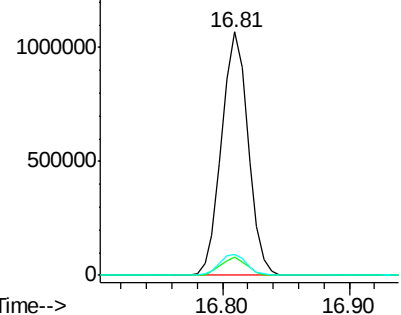
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.81 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Instrument :
BNA_M
ClientSampled :
0524

Tgt Ion:188 Resp: 1542868
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 8.7 9.3 13.9#

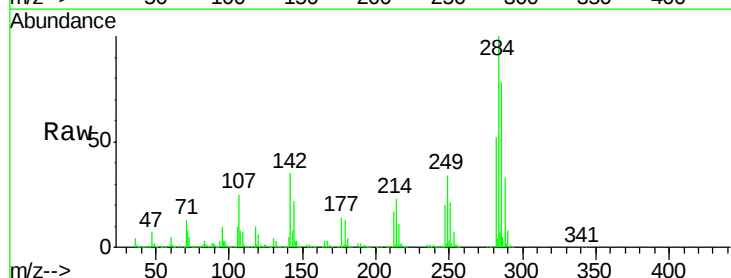


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

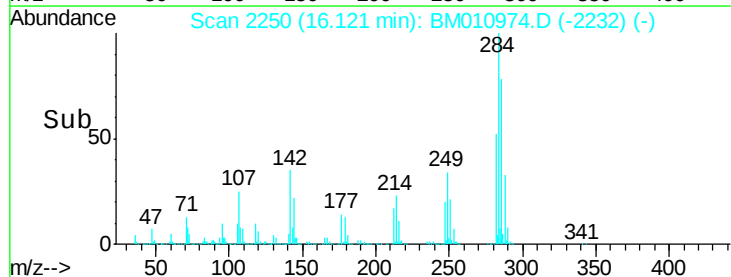
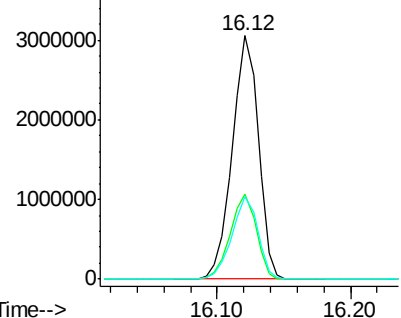


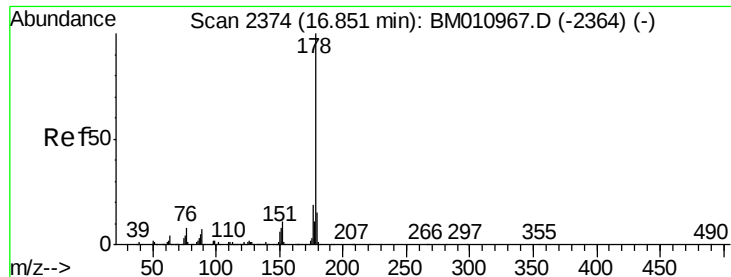
#67
Hexachlorobenzene
Concen: 183.357 ng
RT: 16.12 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Tgt Ion:284 Resp: 4109529
Ion Ratio Lower Upper
284 100
142 35.0 20.4 30.6#
249 33.9 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





#70

Phenanthrene

Concen: 174.266 ng

RT: 16.85 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Instrument :

BNA_M

ClientSampled :

0524

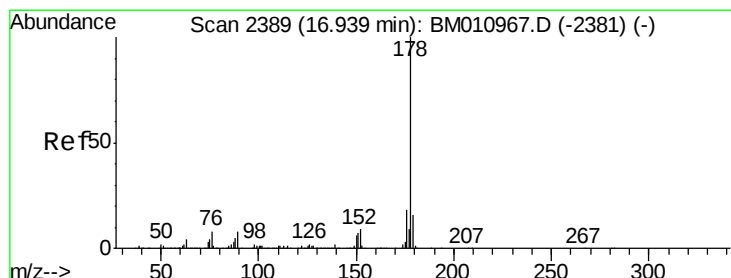
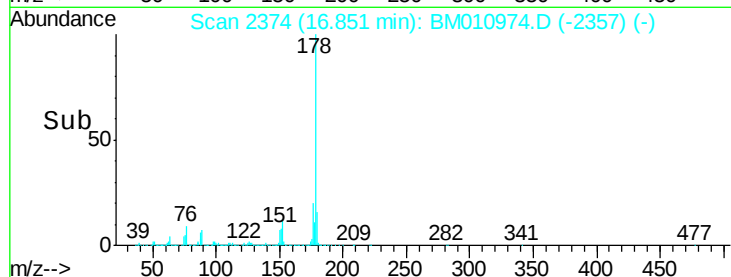
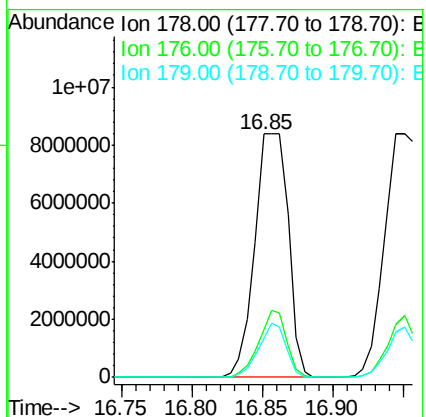
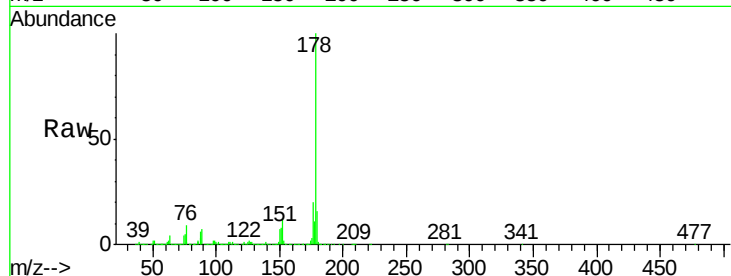
Tgt Ion:178 Resp:14078542

Ion Ratio Lower Upper

178 100

176 19.6 15.2 22.8

179 15.9 12.1 18.1



#71

Anthracene

Concen: 171.328 ng

RT: 16.94 min Scan# 2390

Delta R.T. 0.01 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

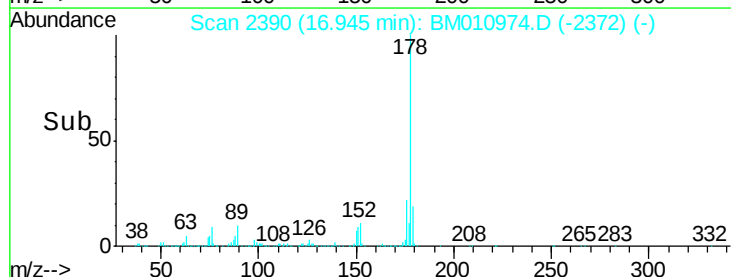
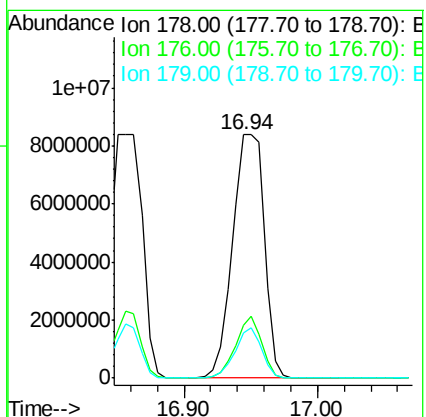
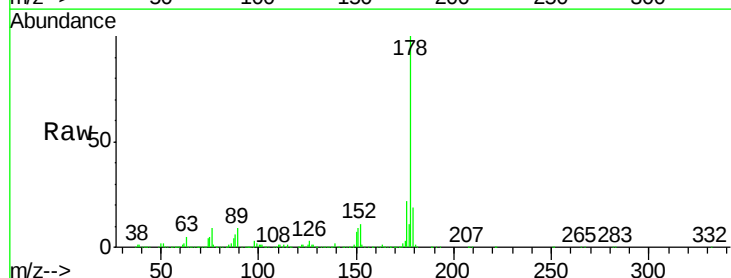
Tgt Ion:178 Resp:13804010

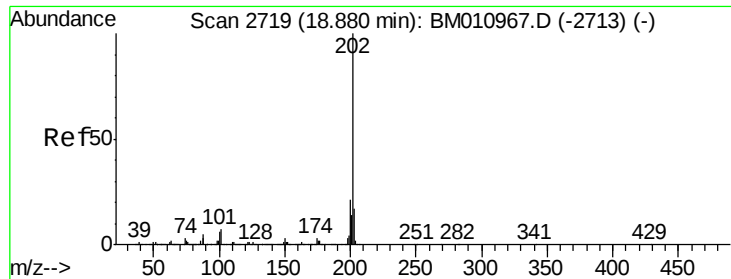
Ion Ratio Lower Upper

178 100

176 21.6 14.6 22.0

179 18.6 12.6 19.0





#74

Fluoranthene

Concen: 146.644 ng

RT: 18.89 min Scan# 2720

Delta R.T. 0.01 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Instrument :

BNA_M

ClientSampleId :

0524

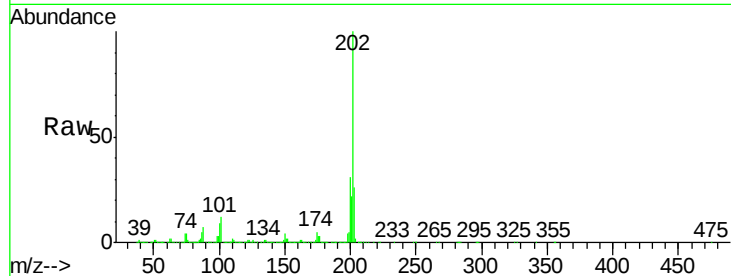
Tgt Ion:202 Resp:14681339

Ion Ratio Lower Upper

202 100

101 11.8 0.0 28.7

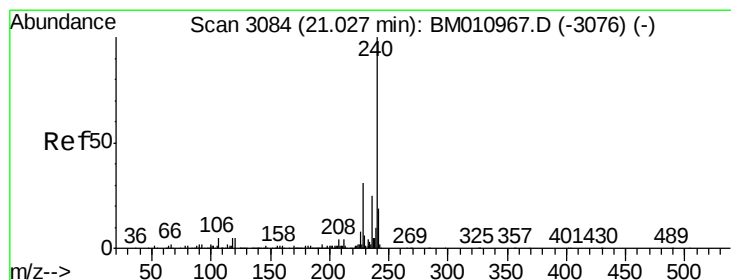
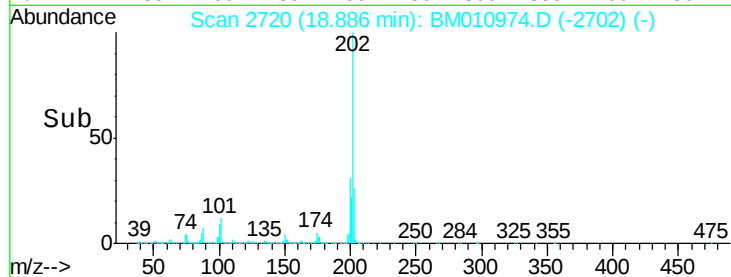
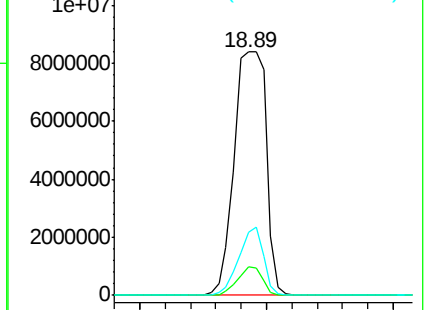
203 26.0 0.0 37.2



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: 21.03 min Scan# 3084

Delta R.T. -0.00 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

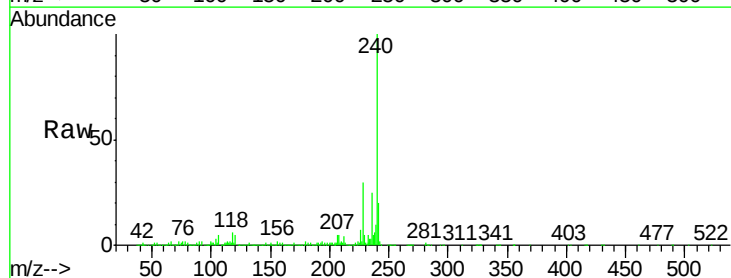
Tgt Ion:240 Resp: 1671594

Ion Ratio Lower Upper

240 100

120 5.2 8.2 12.2#

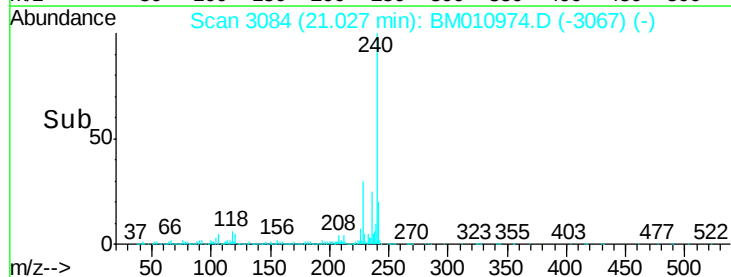
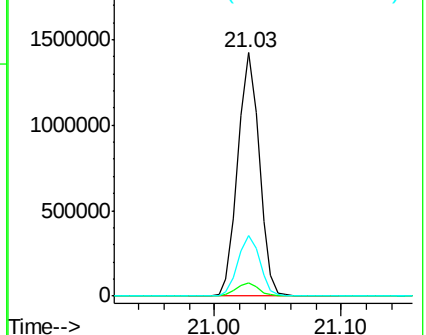
236 25.1 20.0 30.0

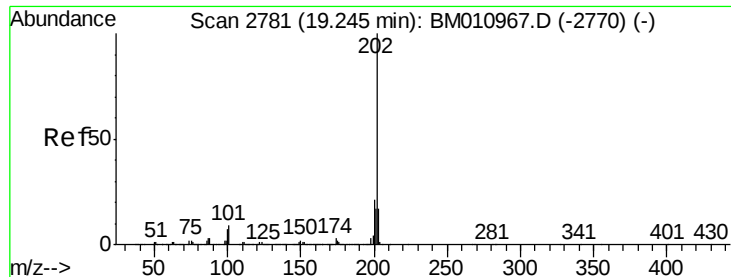


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 120.516 ng

RT: 19.25 min Scan# 2782

Delta R.T. 0.01 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Instrument :

BNA_M

ClientSampleId :

0524

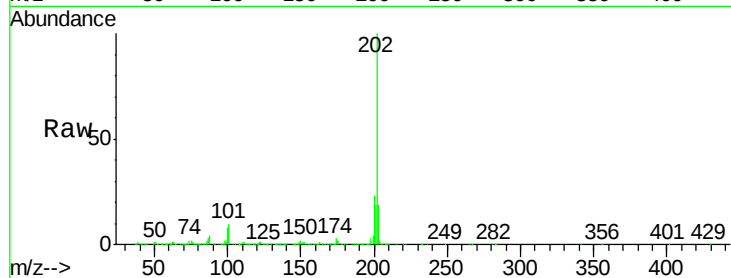
Tgt Ion:202 Resp:11970172

Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	19.0	14.1	21.1

202 100

200 22.9 16.9 25.3

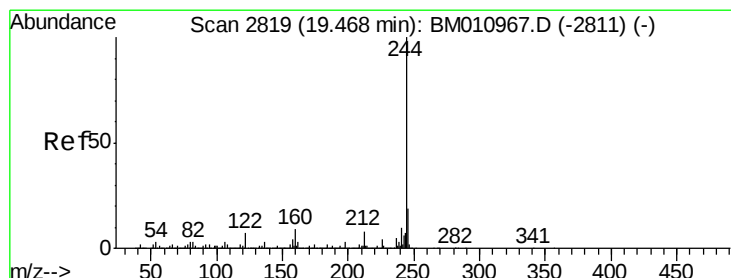
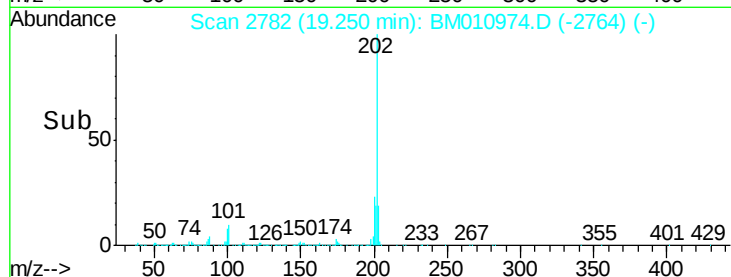
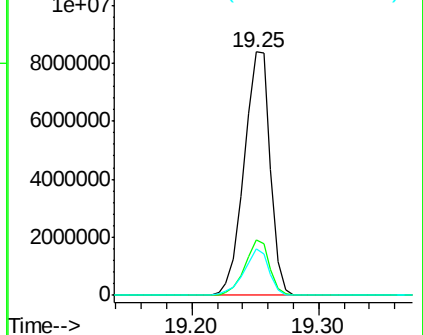
203 19.0 14.1 21.1



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: 77.419 ng

RT: 19.47 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

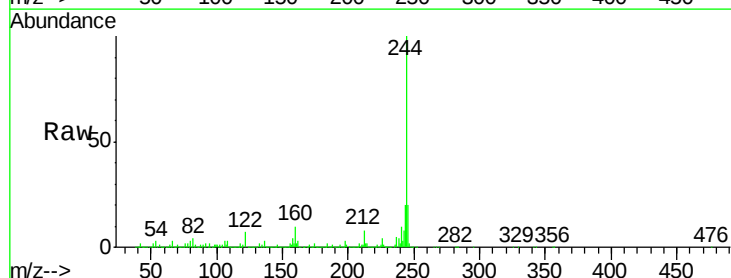
Tgt Ion:244 Resp: 6533171

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	7.4	6.2	9.4

244 100

212 8.0 4.9 7.3#

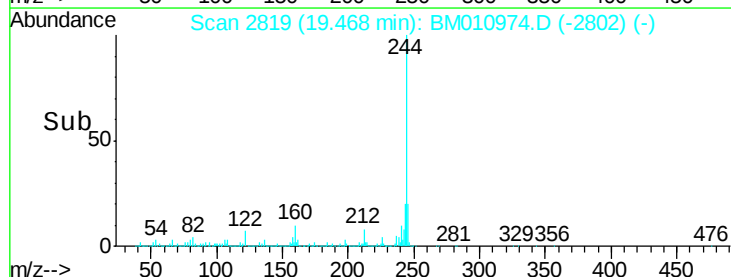
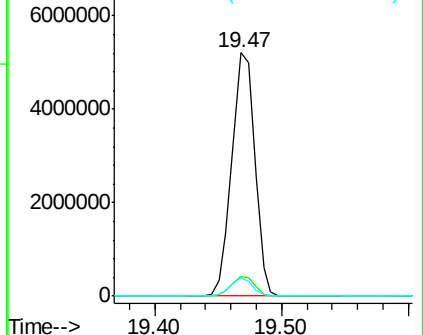
122 7.4 6.2 9.4

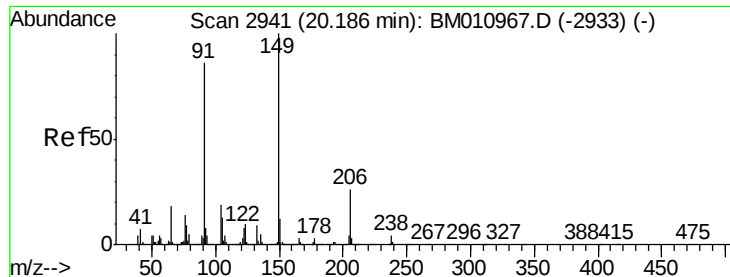


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.532 ng

RT: 20.19 min Scan# 2941

Delta R.T. -0.00 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Instrument :

BNA_M

ClientSampleId :

0524

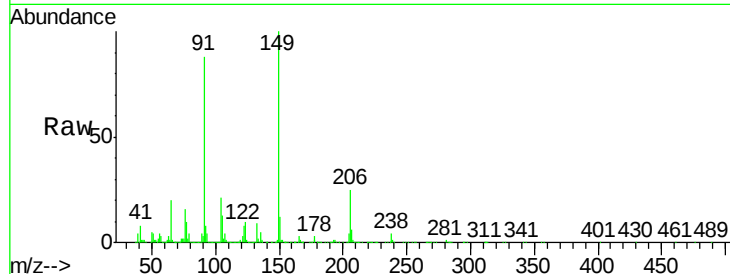
Tgt Ion:149 Resp: 1714108

Ion Ratio Lower Upper

149 100

91 88.1 50.1 75.1#

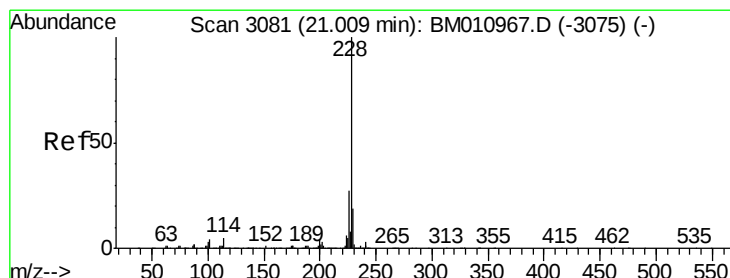
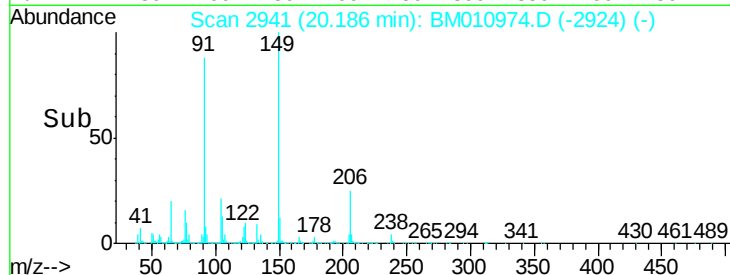
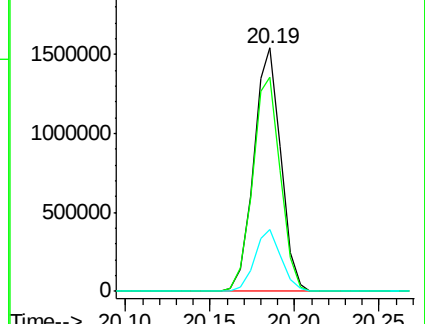
206 25.1 16.2 24.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM010974.D (-2924) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.986 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

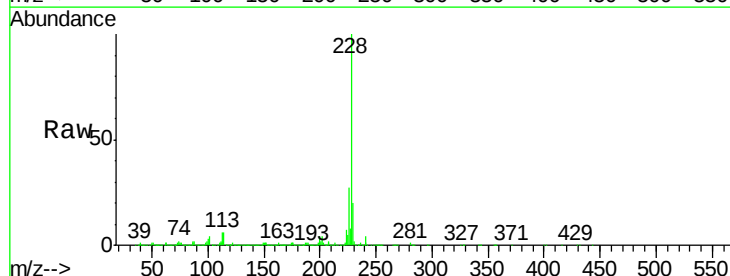
Tgt Ion:228 Resp: 3434710

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

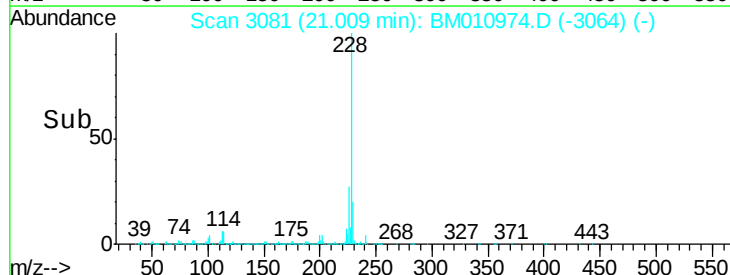
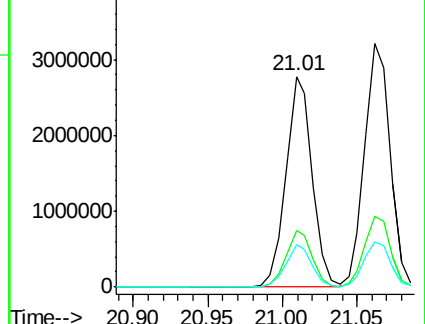
229 20.3 16.0 24.0

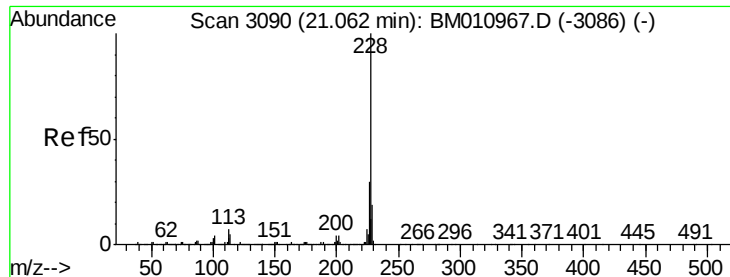


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 41.321 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Instrument :

BNA_M

ClientSampleId :

0524

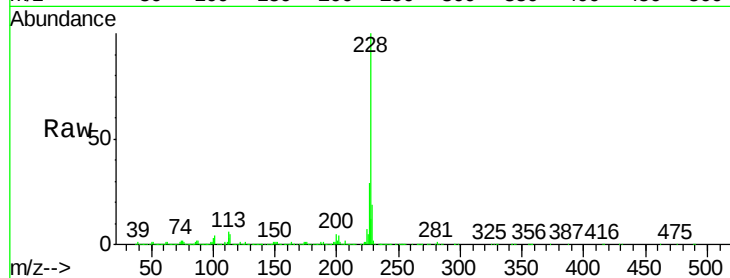
Tgt Ion:228 Resp: 3785806

Ion Ratio Lower Upper

228 100

226 29.3 24.1 36.1

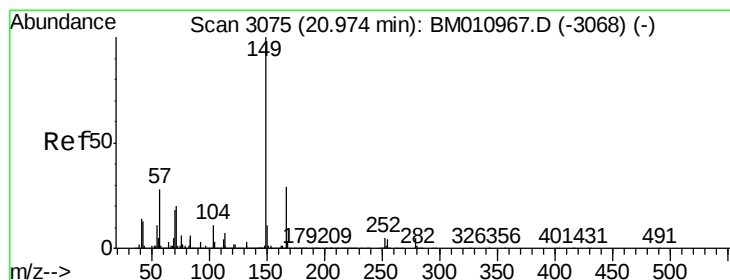
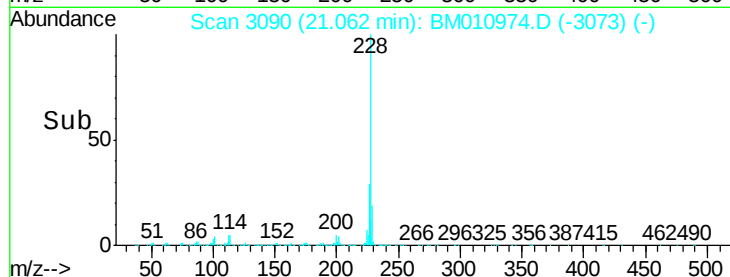
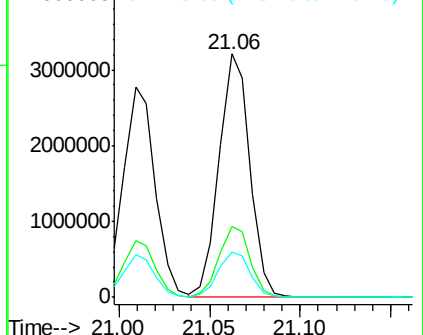
229 18.8 15.5 23.3



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: 32.138 ng

RT: 20.97 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

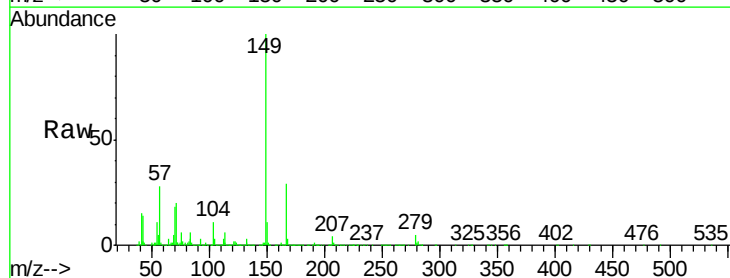
Tgt Ion:149 Resp: 1669861

Ion Ratio Lower Upper

149 100

167 28.8 22.4 33.6

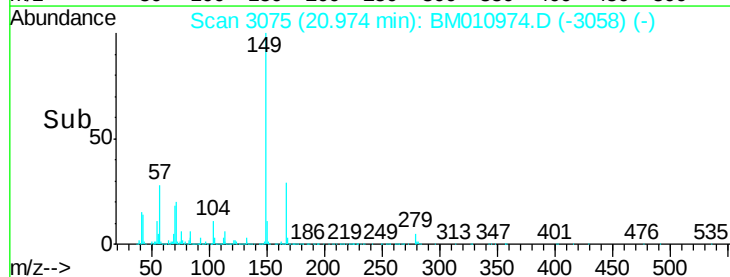
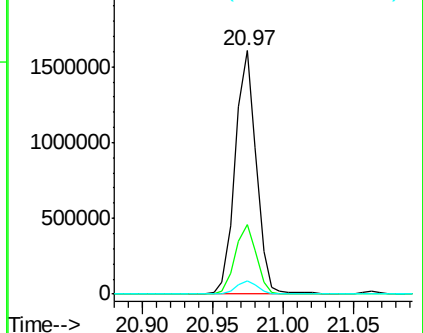
279 5.2 3.4 5.0#

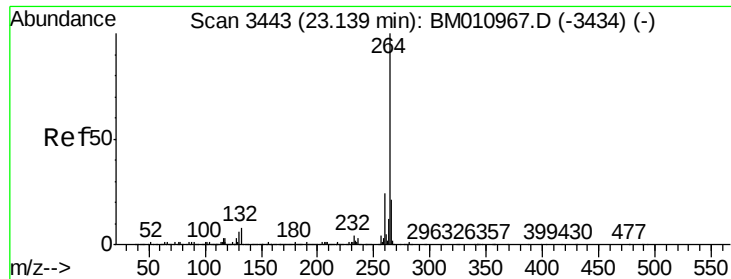


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



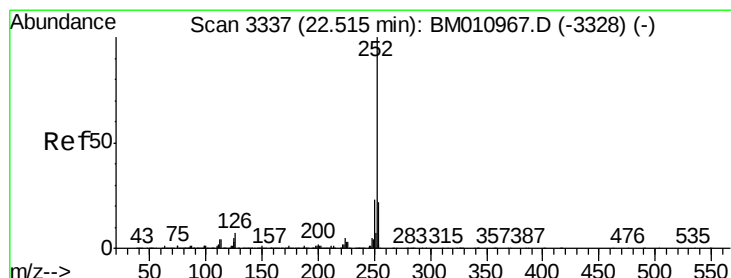
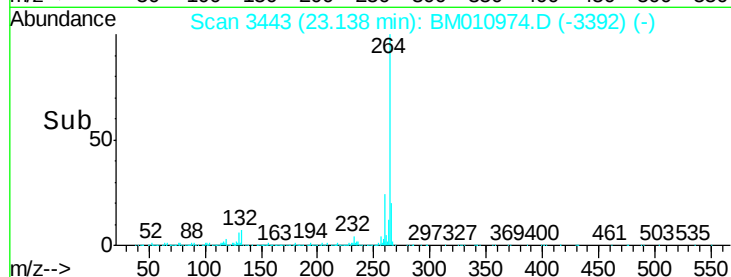
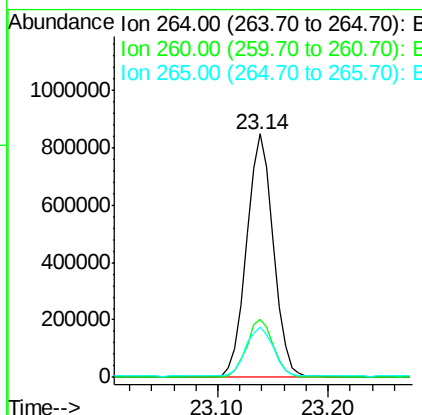
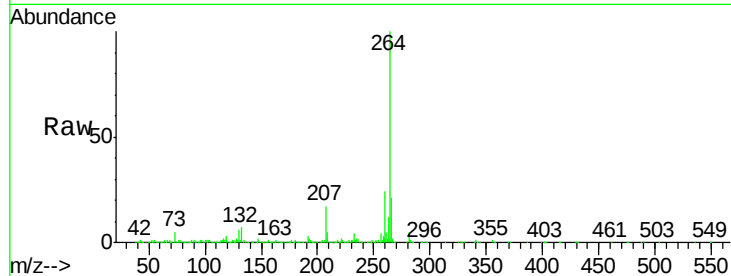


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.14 min Scan# 3443
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Instrument :
BNA_M
ClientSampleId :
0524

Tgt Ion:264 Resp: 1447376

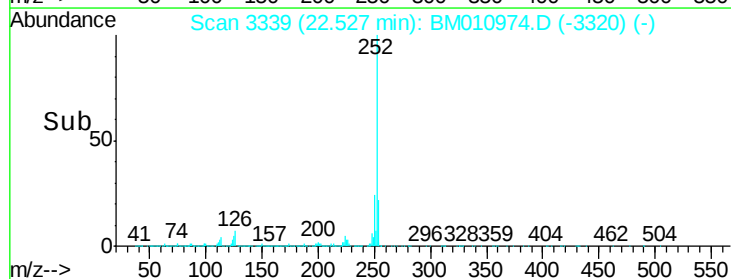
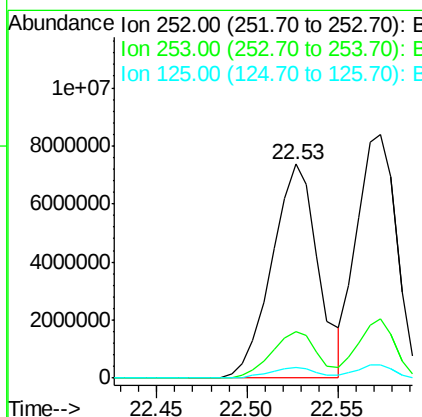
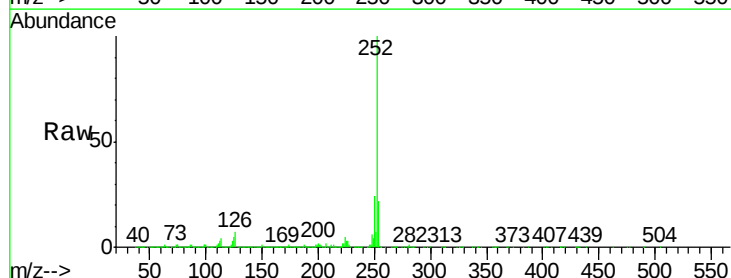
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	20.6	17.3	25.9

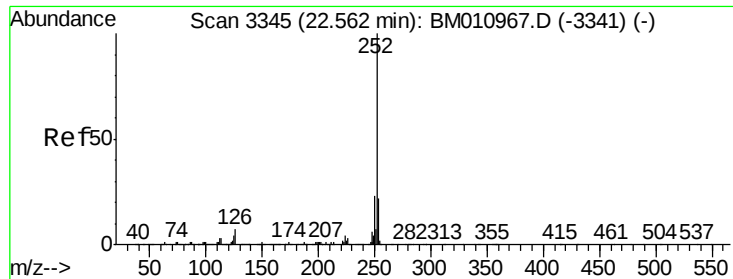


#87
Benzo(b)fluoranthene
Concen: 140.955 ng
RT: 22.53 min Scan# 3339
Delta R.T. 0.01 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Tgt Ion:252 Resp:13093951

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	4.8	9.9	14.9

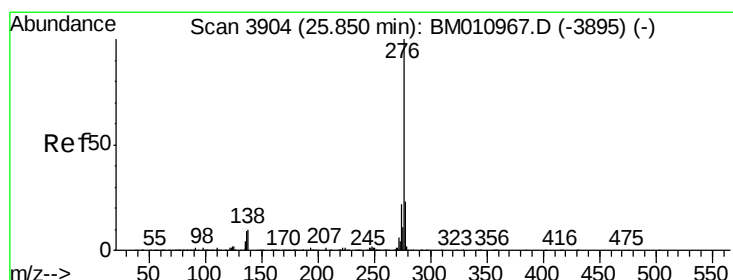
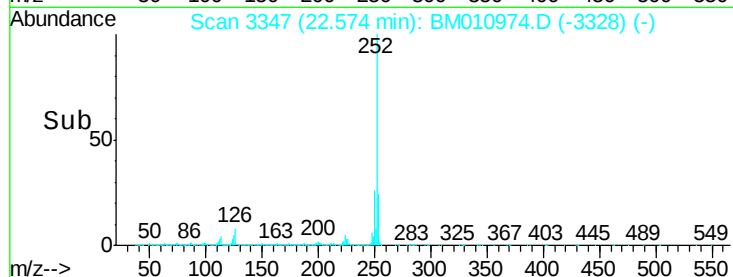
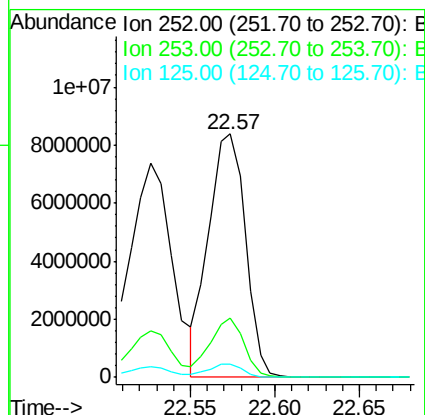
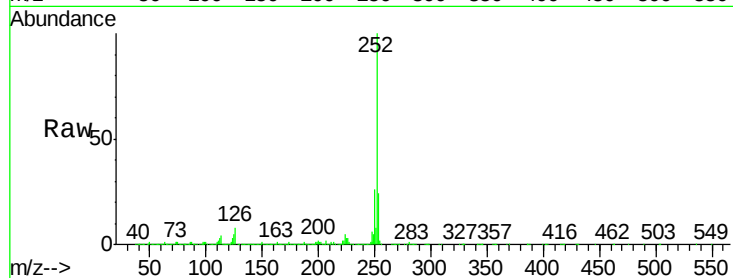




#88
Benzo(k)fluoranthene
Concen: 142.932 ng
RT: 22.57 min Scan# 3347
Delta R.T. 0.01 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Instrument :
BNA_M
ClientSampleId :
0524

Tgt Ion:252 Resp:12725999
Ion Ratio Lower Upper
252 100
253 24.2 17.2 25.8
125 5.3 8.1 12.1#



#91
Benzo(g,h,i)perylene
Concen: 31.212 ng
RT: 25.85 min Scan# 3904
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Tgt Ion:276 Resp: 2388241
Ion Ratio Lower Upper
276 100
277 24.4 18.5 27.7
138 8.7 19.0 28.6#

