

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 17:49:15 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
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
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
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

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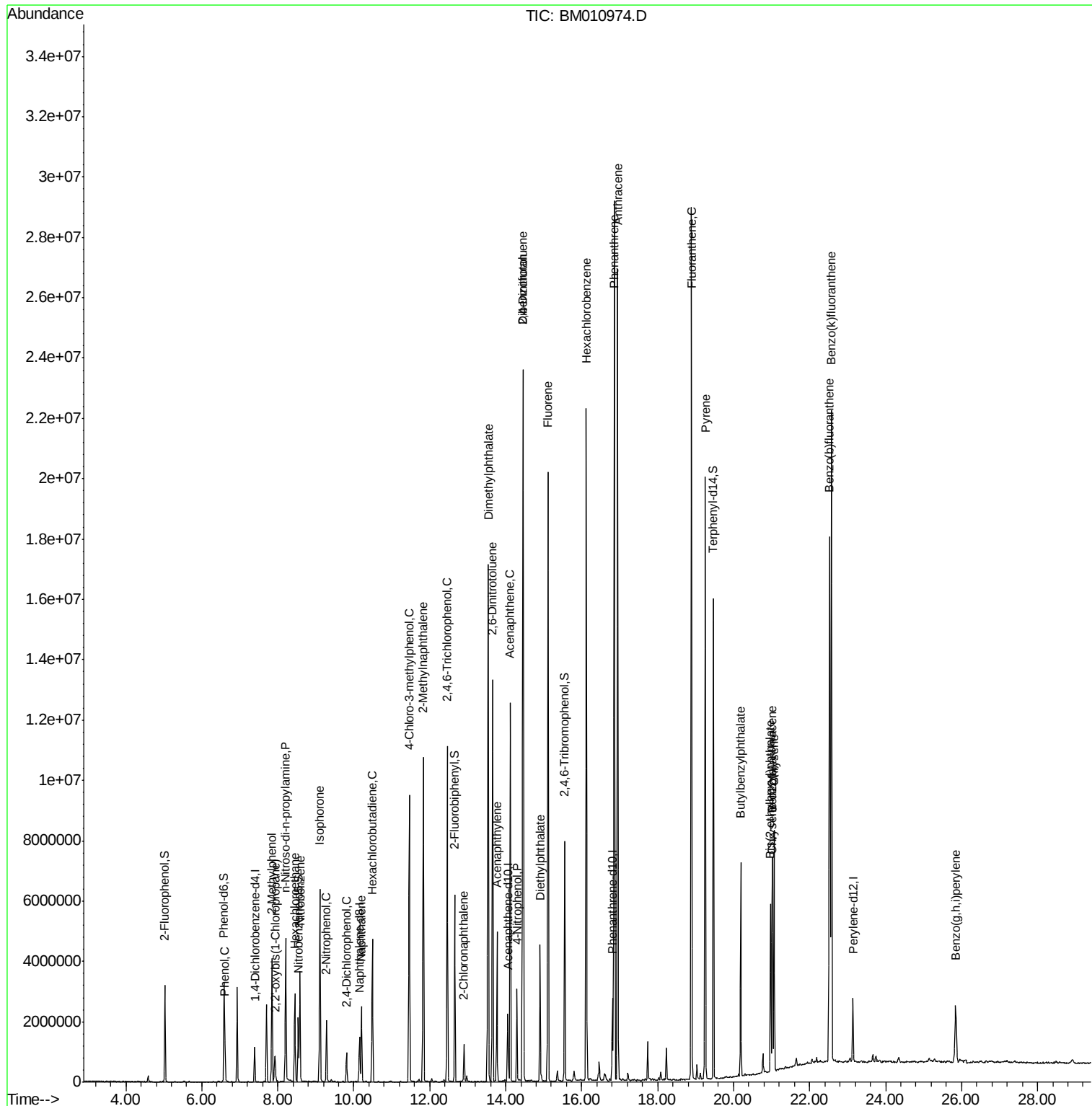
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	22.57	252	12725999	142.932	ng	# 92
91) Benzo(q,h,i)perylene	25.85	276	2388241	31.212	ng	# 83

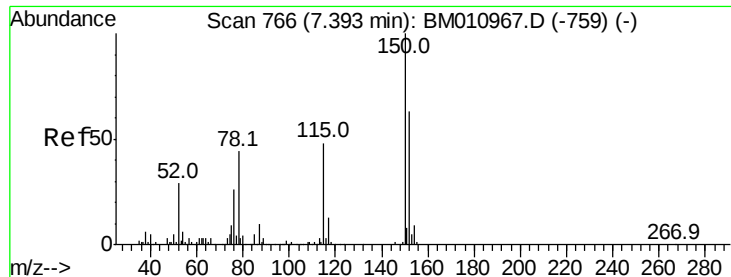
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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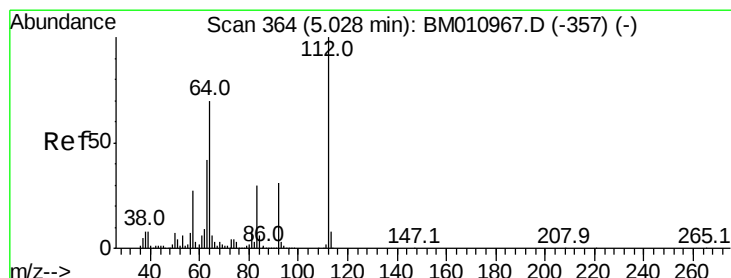
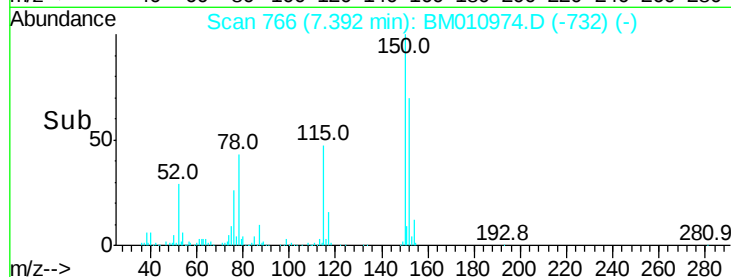
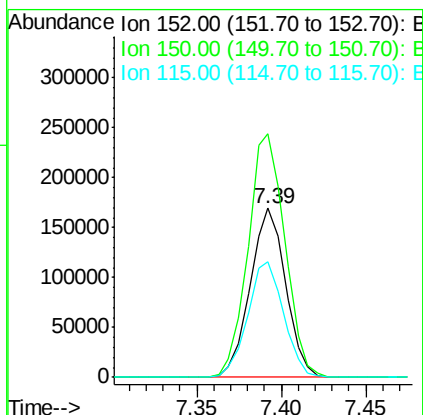
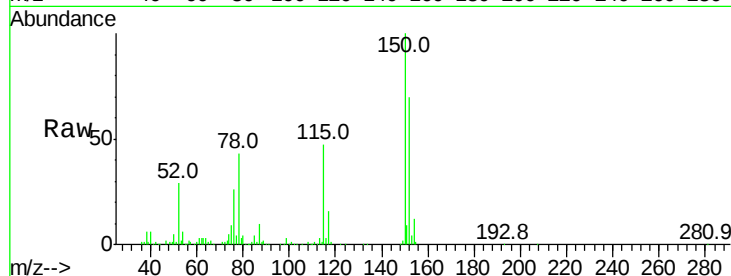


#1

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 :
BNA_M
ClientSampleId :
0524

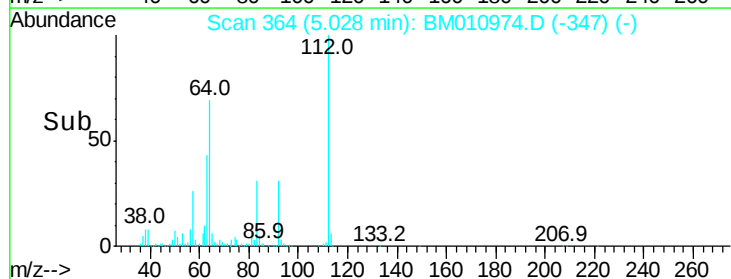
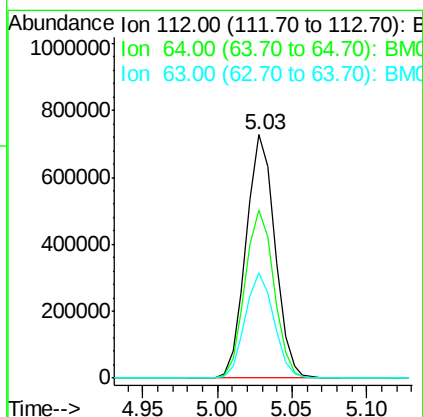
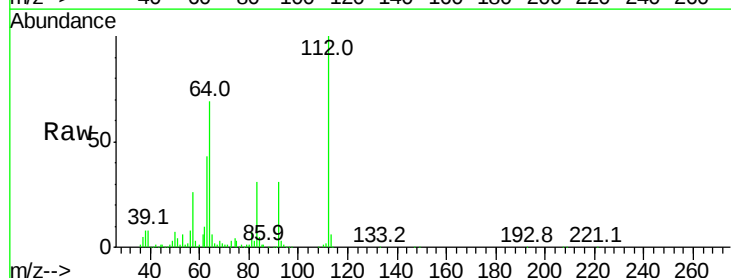
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.8	119.5	179.3
115	68.2	43.0	64.4#

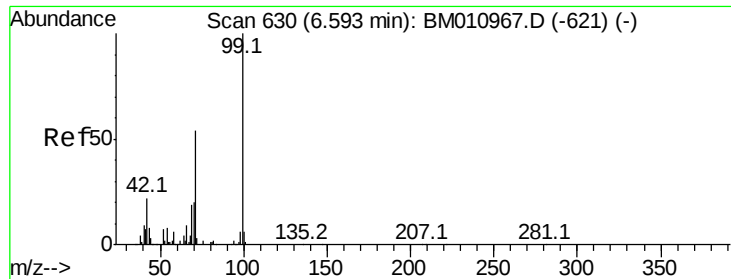


#5

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	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

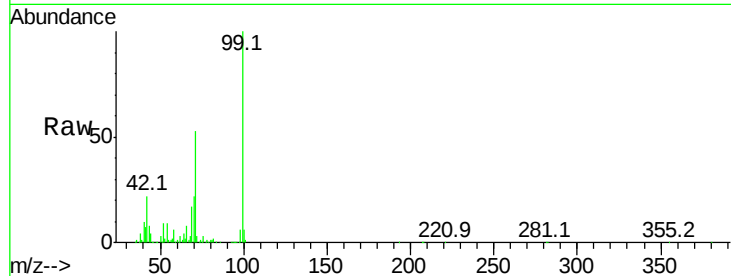
Tot Ion: 99 Resp: 1474459

Ion Ratio Lower Upper

99 100

42 22.2 11.0 16.4#

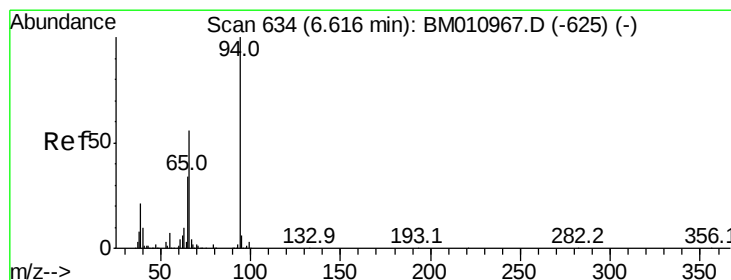
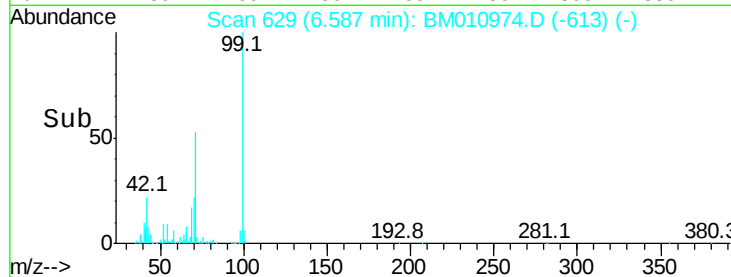
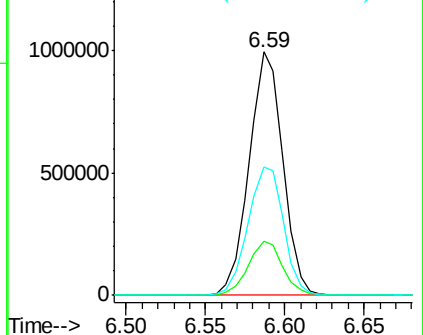
71 52.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010974.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM010974.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM010974.D (-613) (-)



#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

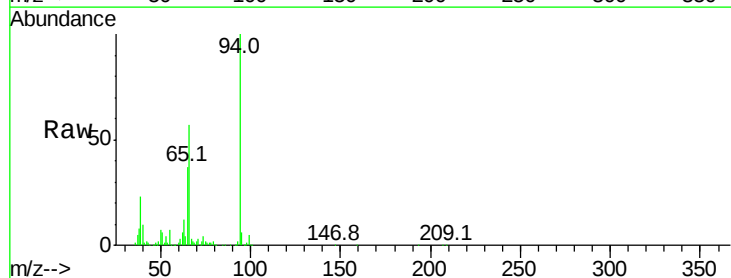
Tgt Ion: 94 Resp: 500971

Ion Ratio Lower Upper

94 100

65 36.6 18.8 58.8

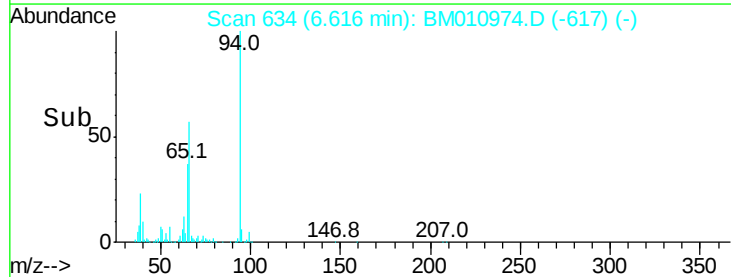
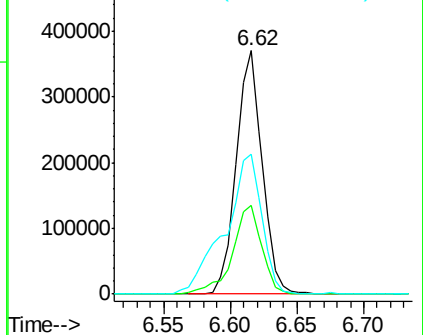
66 57.3 39.9 79.9

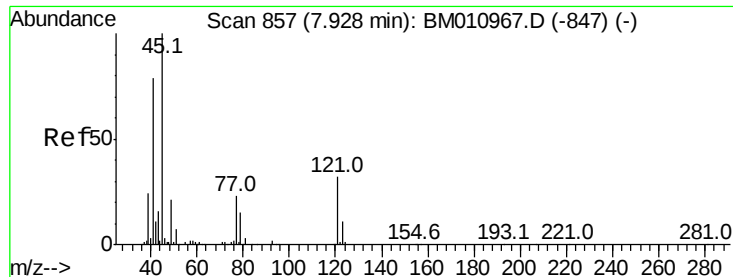


Abundance Ion 94.00 (93.70 to 94.70): BM010974.D (-617) (-)

Ion 65.00 (64.70 to 65.70): BM010974.D (-617) (-)

Ion 66.00 (65.70 to 66.70): BM010974.D (-617) (-)

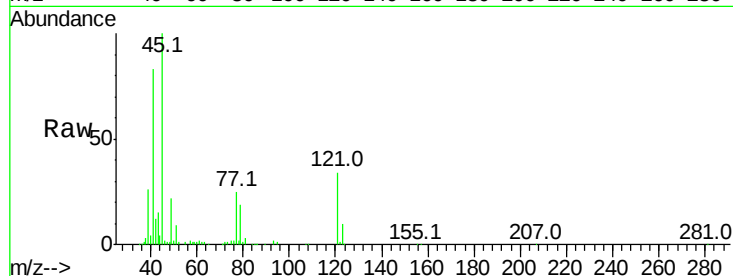




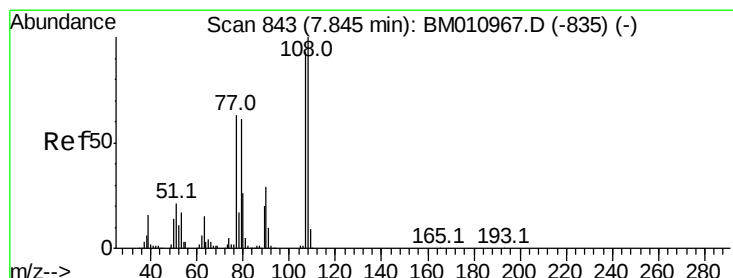
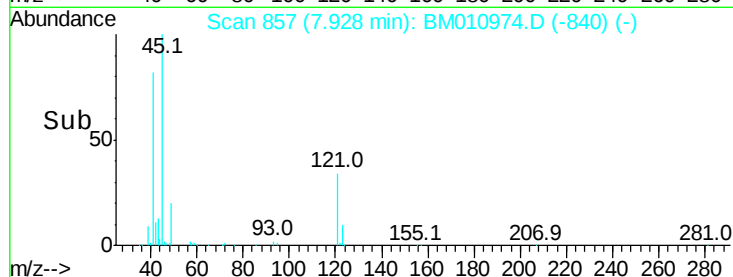
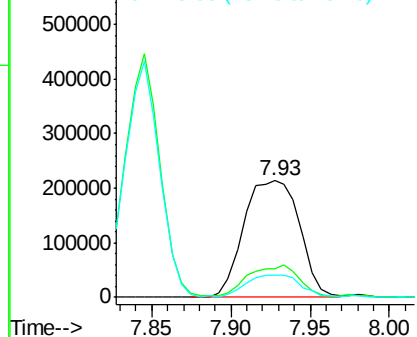
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 32.910 ng
RT: 7.93 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

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

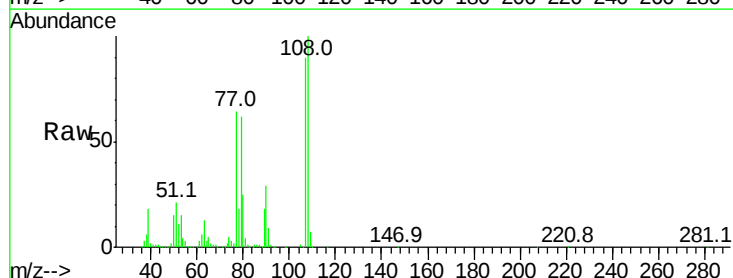


Abundance Ion 45.00 (44.70 to 45.70): BM010967.D (-847) (-)
Ion 77.00 (76.70 to 77.70): BM010967.D (-847) (-)
Ion 79.00 (78.70 to 79.70): BM010967.D (-847) (-)

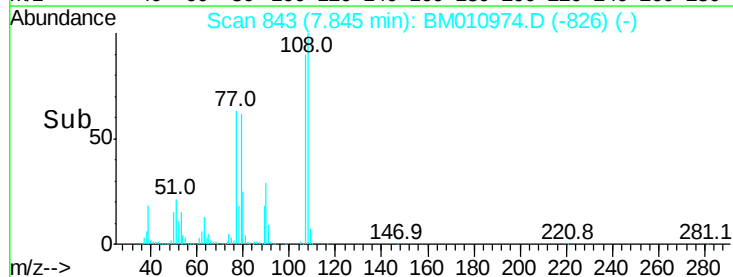
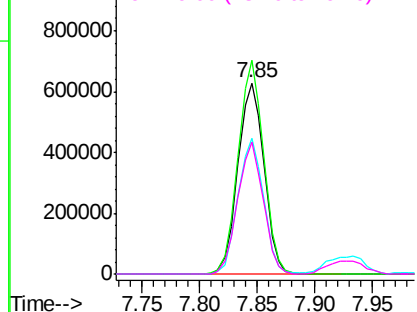


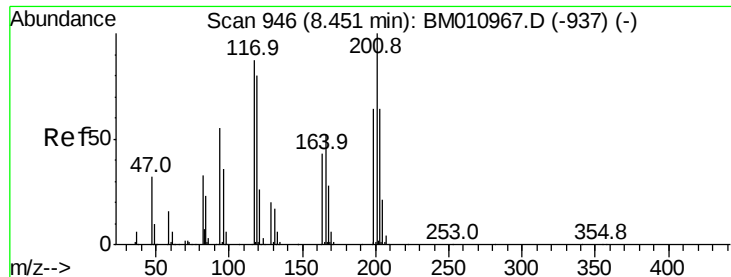
#17
2-Methylphenol
Concen: 67.967 ng
RT: 7.85 min Scan# 843
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

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): BM010967.D (-835) (-)
Ion 108.00 (107.70 to 108.70): BM010967.D (-835) (-)
Ion 77.00 (76.70 to 77.70): BM010967.D (-835) (-)
Ion 79.00 (78.70 to 79.70): BM010967.D (-835) (-)





#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

Instrument :

BNA_M

ClientSampled :

0524

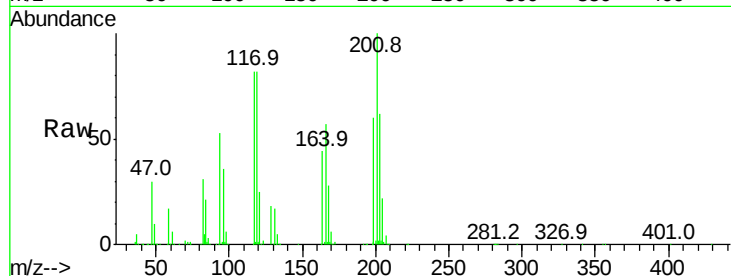
Tot Ion:117 Resp: 437521

Ion Ratio Lower Upper

117 100

119 99.3 79.2 118.8

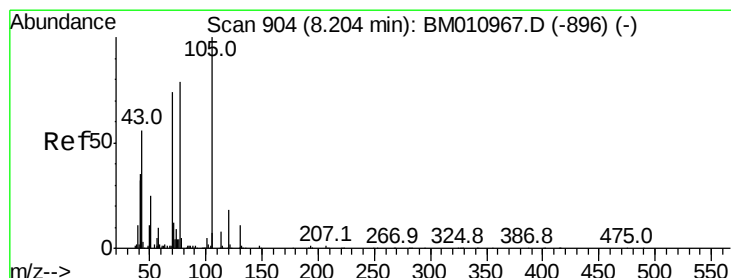
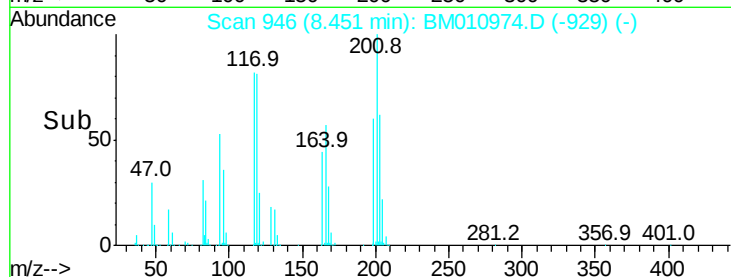
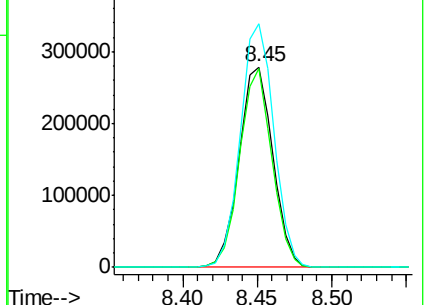
201 121.7 69.8 104.6#



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: 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

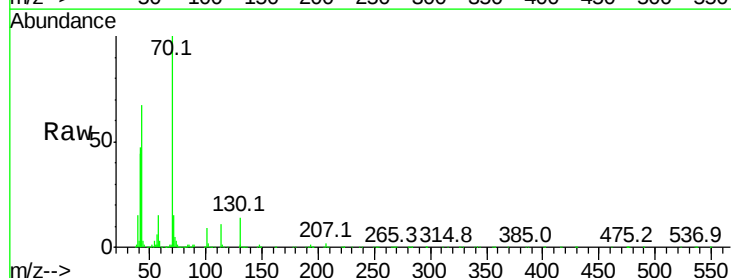
Ion Ratio Lower Upper

70 100

42 47.1 44.5 66.7

101 8.8 7.4 11.2

130 14.4 15.3 22.9#

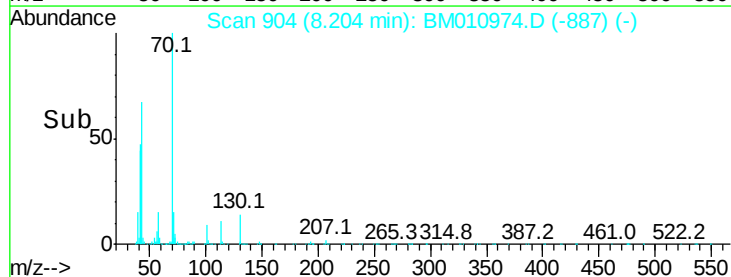
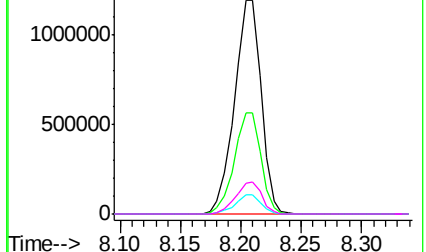


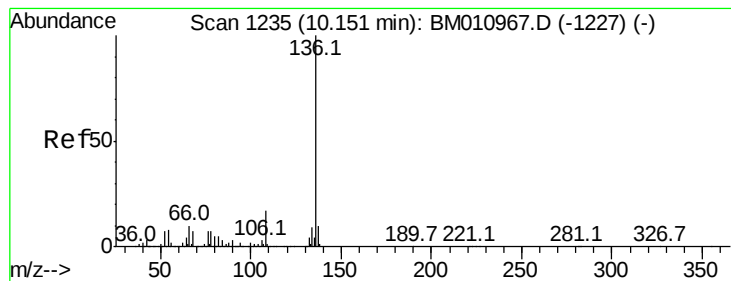
Abundance Ion 70.00 (69.70 to 70.70): BM0

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: BM010974.D

Acq: 26 Jul 2017 17:14

Instrument :

BNA_M

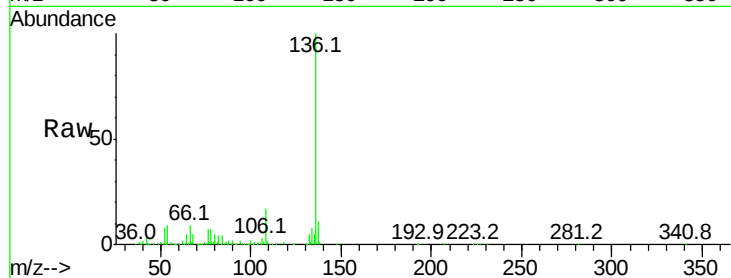
ClientSampleId :

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Tot 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

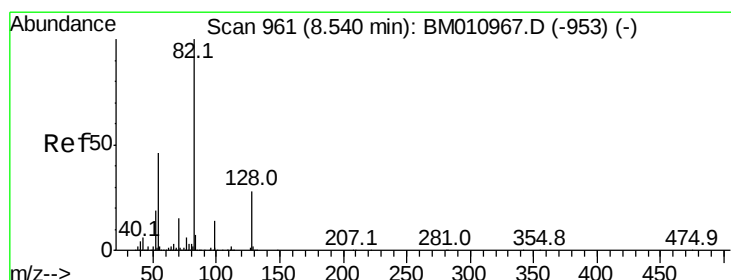
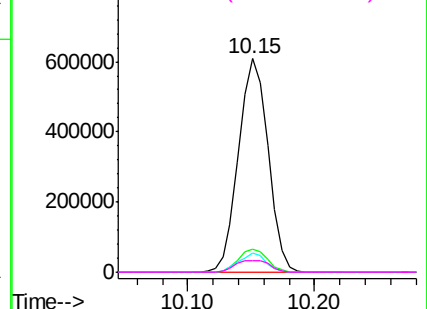
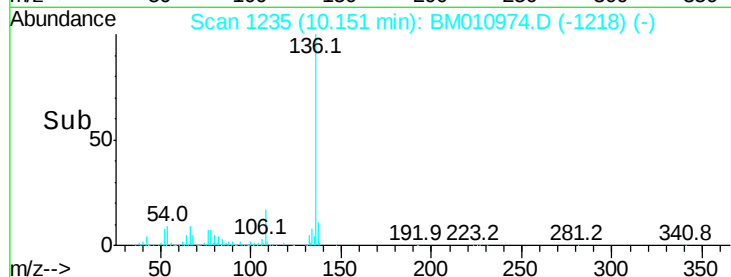


Abundance Ion 136.00 (135.70 to 136.70): E

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

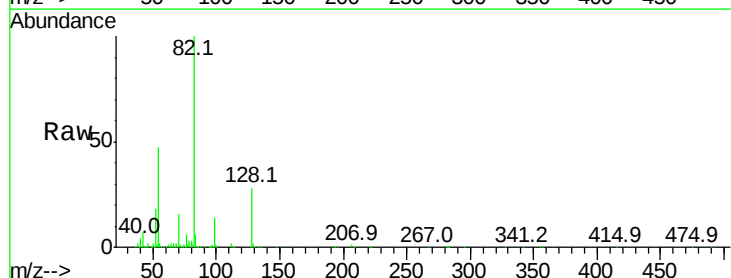
Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Tgt Ion: 82 Resp: 1223080

Ion Ratio Lower Upper

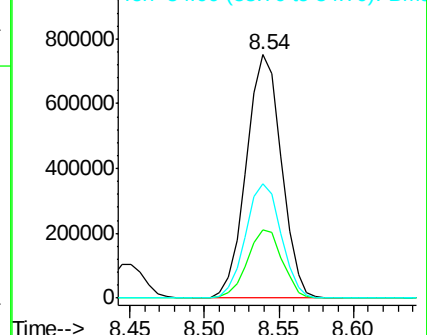
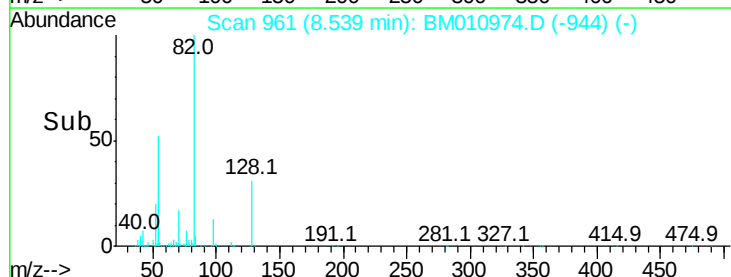
82	100		
128	27.8	32.8	49.2#
54	46.9	40.6	60.8

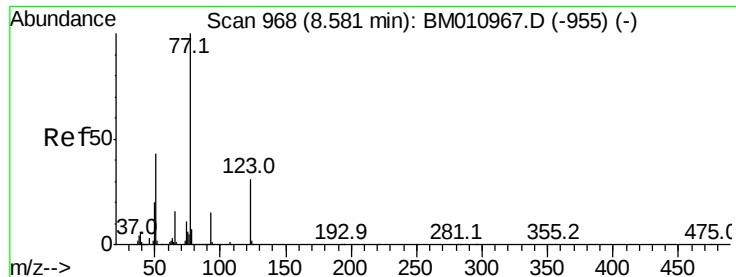


Abundance Ion 82.00 (81.70 to 82.70): BM

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 :

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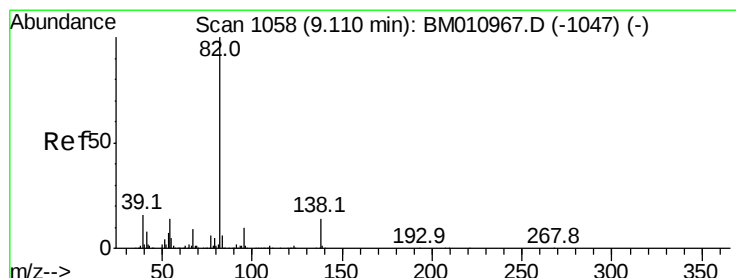
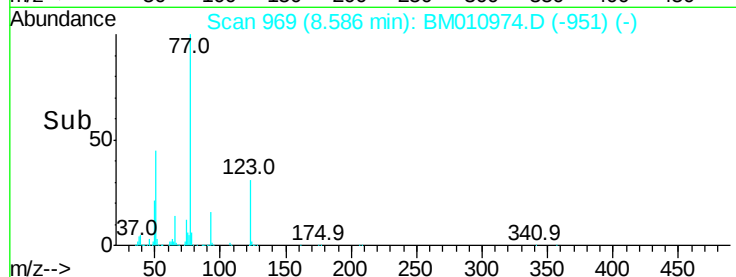
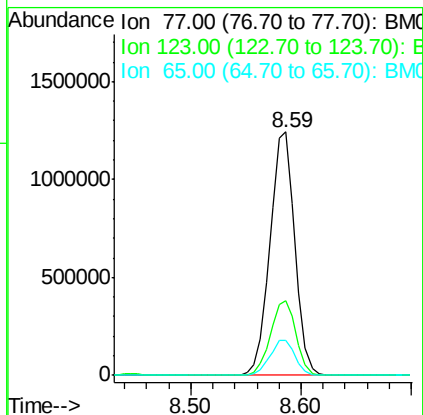
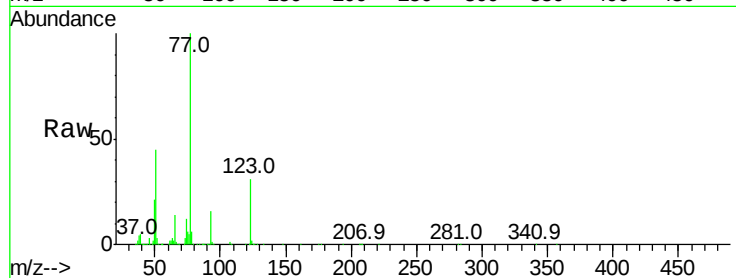
Tot Ion: 77 Resp: 1959009

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

77 100

123 30.6 32.6 49.0#

65 14.3 10.9 16.3



#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

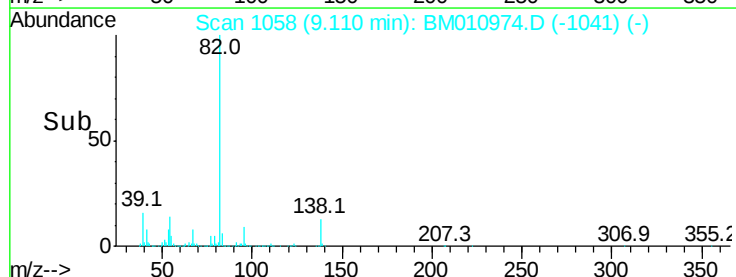
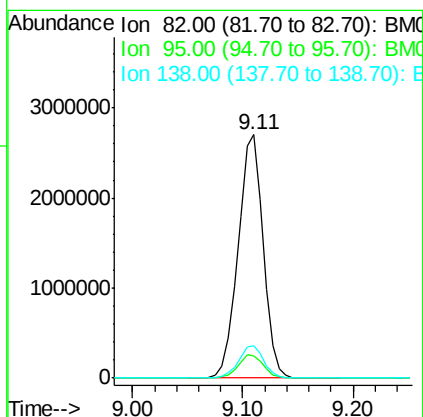
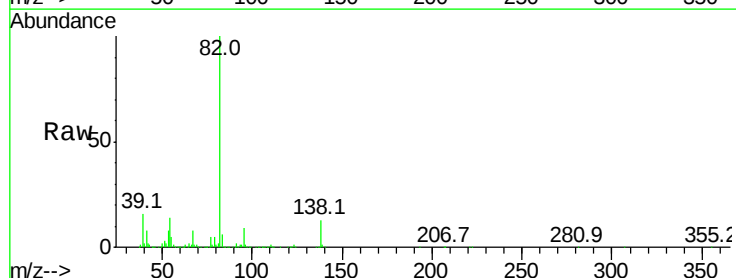
Tgt Ion: 82 Resp: 4299202

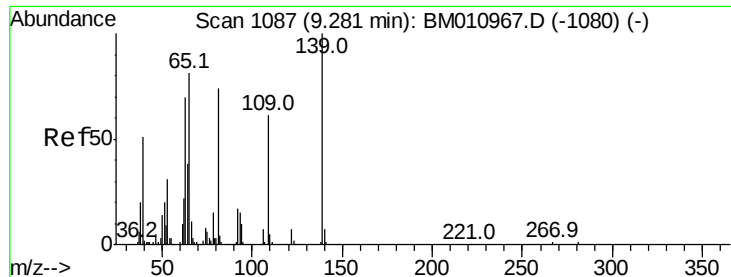
Ion	Ratio	Lower	Upper
82	100		
95	9.3	5.8	8.6#
138	13.3	16.3	24.5#

82 100

95 9.3 5.8 8.6#

138 13.3 16.3 24.5#

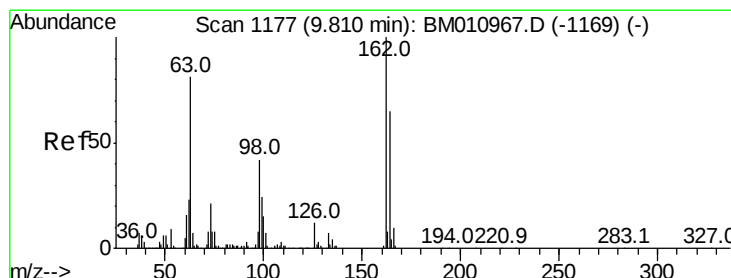
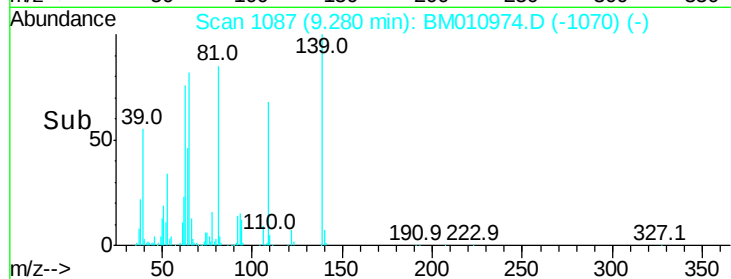
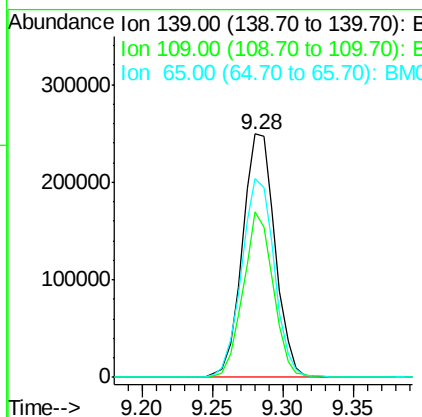
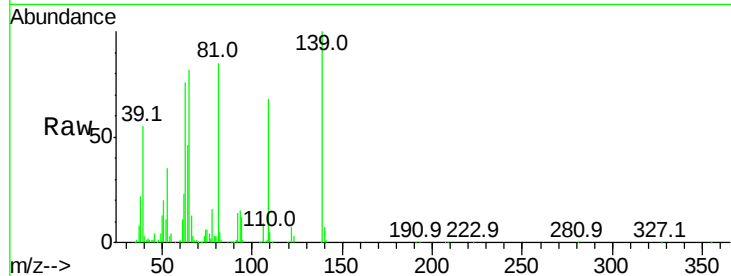




#26
2-Nitrophenol
Concen: 46.739 ng
RT: 9.28 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

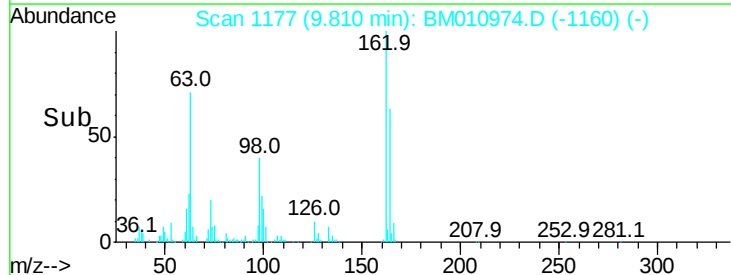
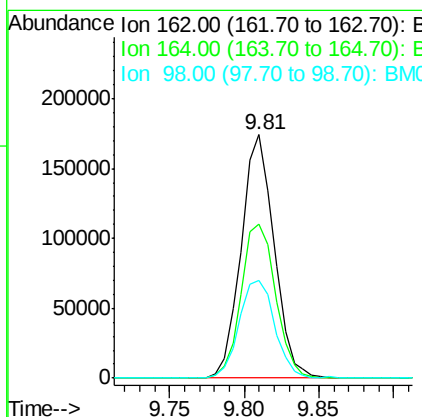
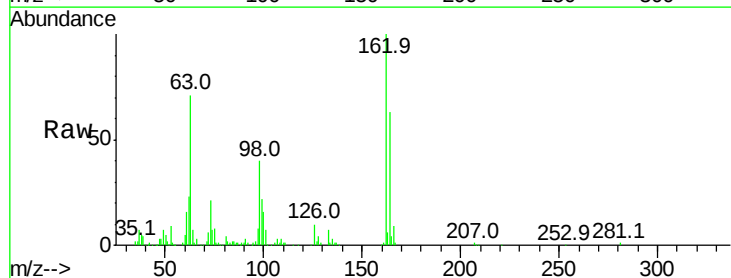
Instrument :
BNA_M
ClientSampleId :
0524

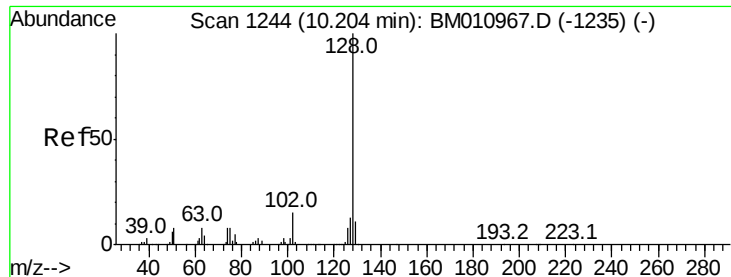
Tot Ion	Ratio	Lower	Upper
139	100		
109	67.7	20.1	30.1#
65	81.8	31.5	47.3#



#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	Ratio	Lower	Upper
162	100		
164	63.1	42.8	82.8
98	40.4	14.5	54.5

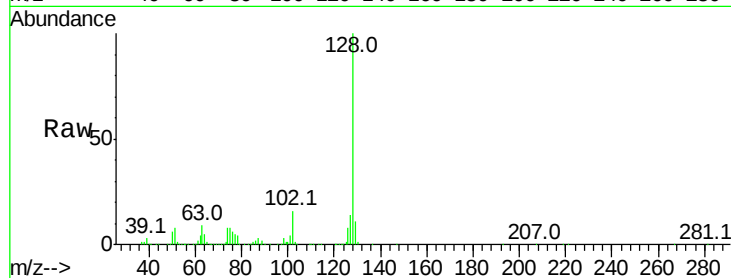




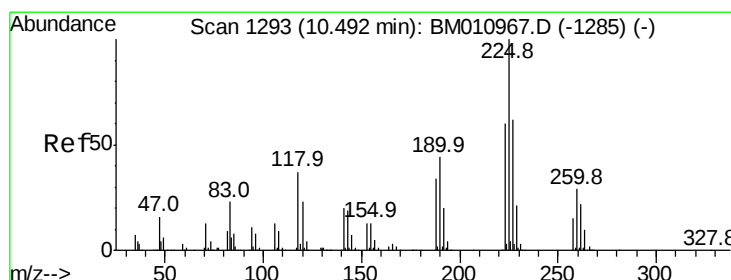
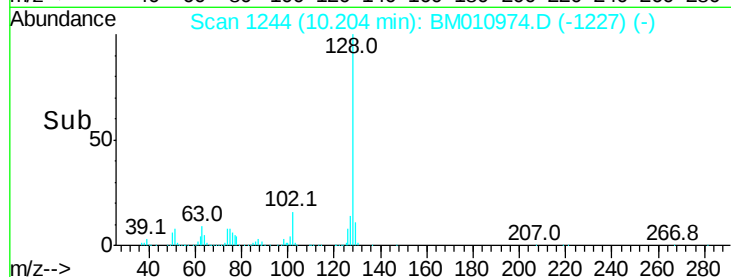
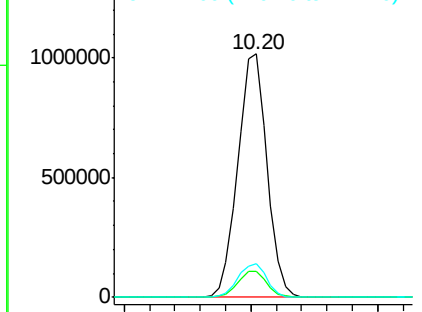
#31
Naphthalene
Concen: 32.713 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

Instrument :
BNA_M
ClientSampled :
0524

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

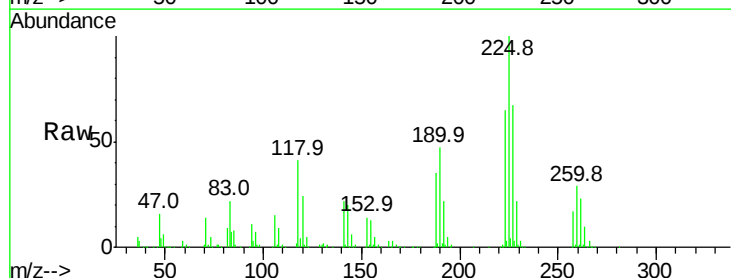


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

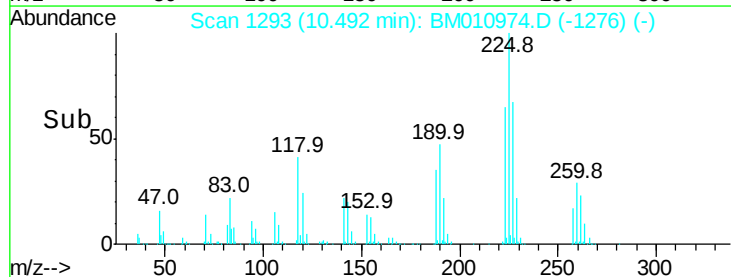
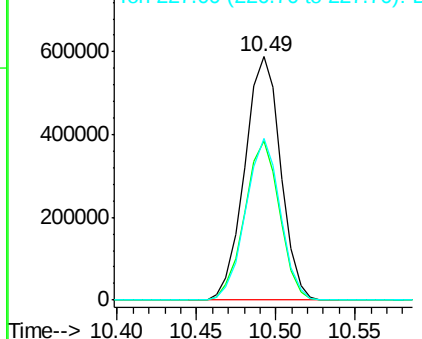


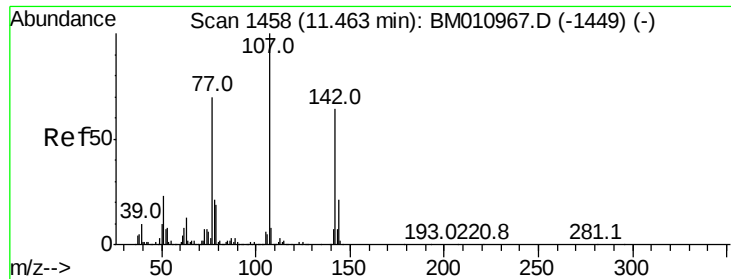
#34
Hexachlorobutadiene
Concen: 55.646 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

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



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

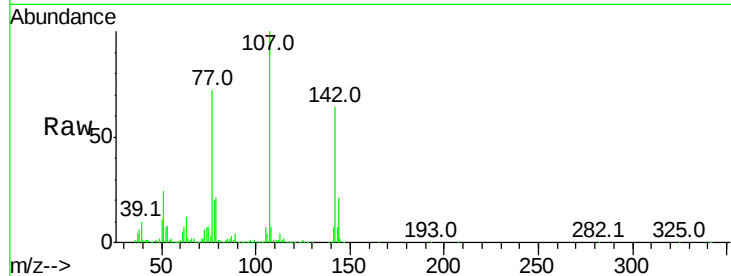




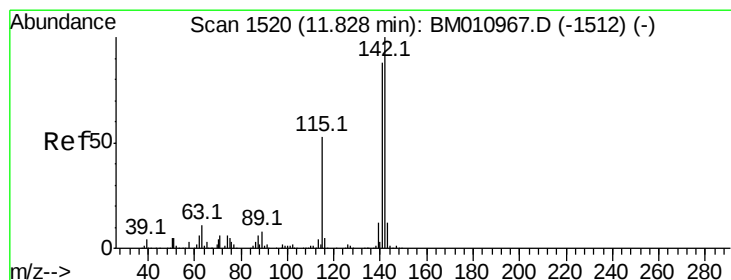
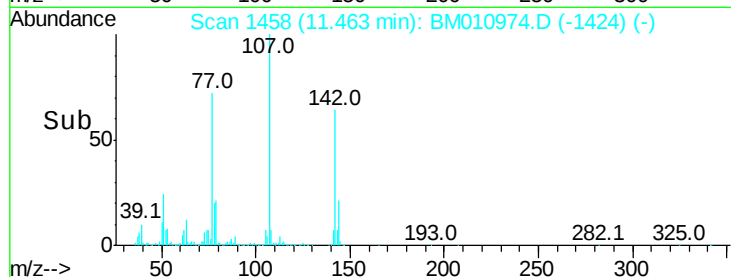
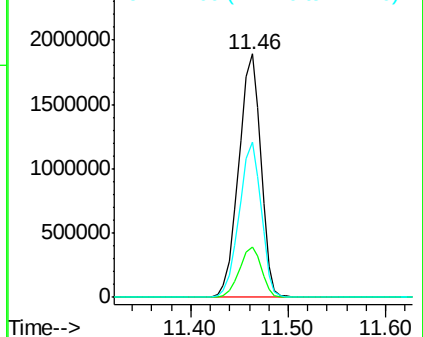
#36
 4-Chloro-3-methylphenol
 Concen: 135.152 ng
 RT: 11.46 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BM010974.D
 Acq: 26 Jul 2017 17:14

Instrument :
 BNA_M
 ClientSampleId :
 0524

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

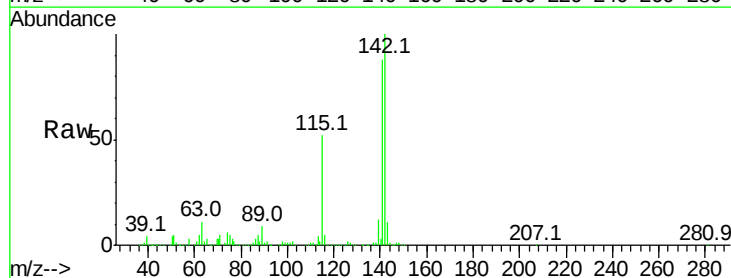


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

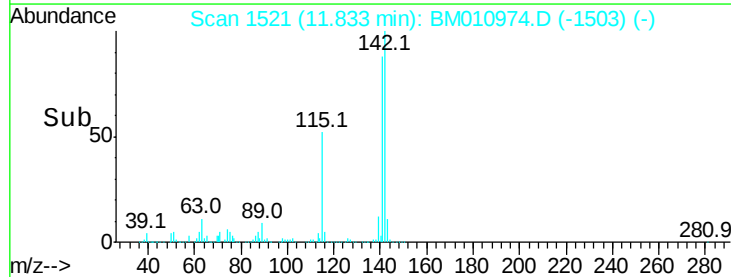
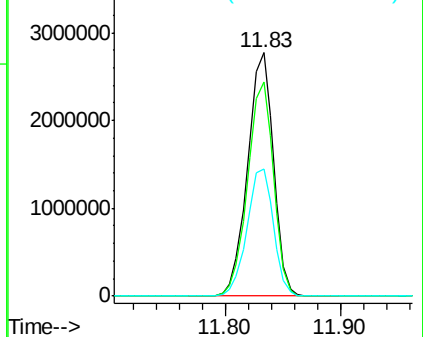


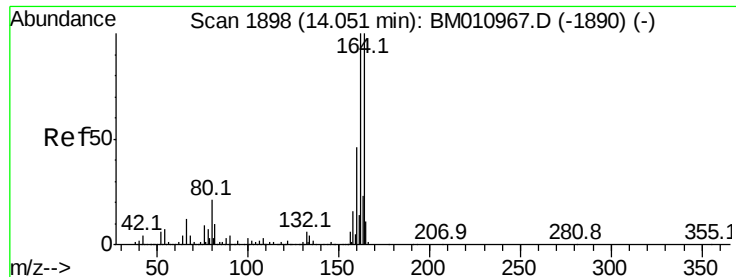
#37
 2-Methylnaphthalene
 Concen: 118.809 ng
 RT: 11.83 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BM010974.D
 Acq: 26 Jul 2017 17:14

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#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#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 :

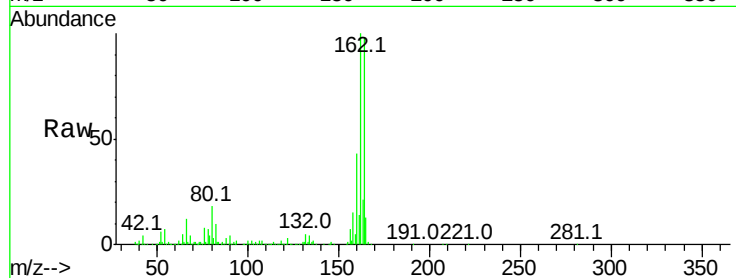
BNA_M

ClientSampleId :

0524

Tot Ion:164 Resp: 639106

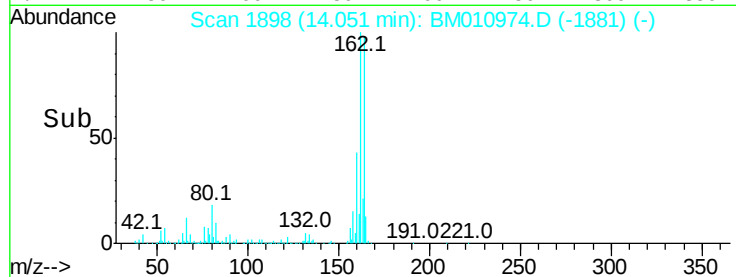
Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	43.9	35.8	53.6



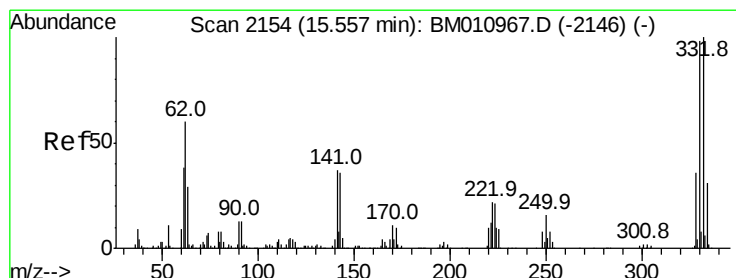
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 114.853 ng

RT: 15.55 min Scan# 2153

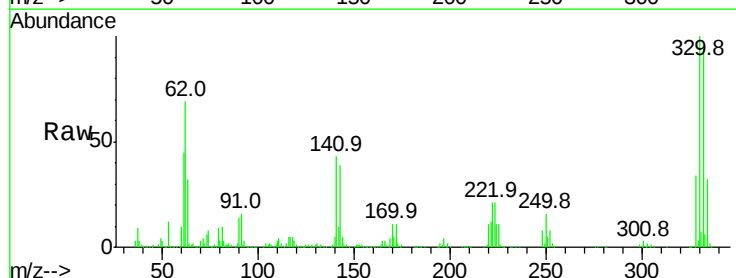
Delta R.T. -0.01 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Tgt Ion:330 Resp: 1176497

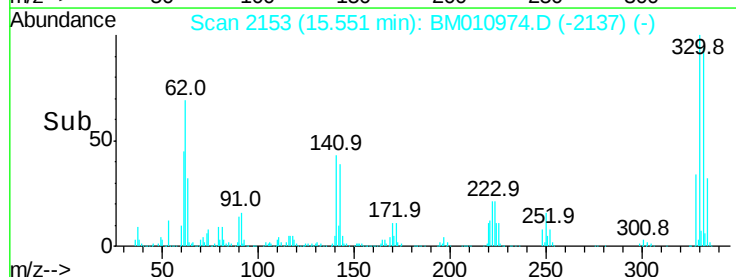
Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	41.7	0.0	0.0#



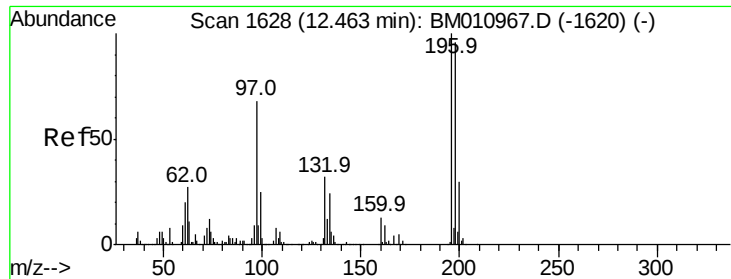
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



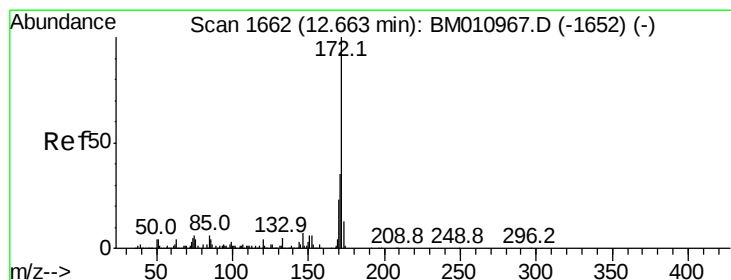
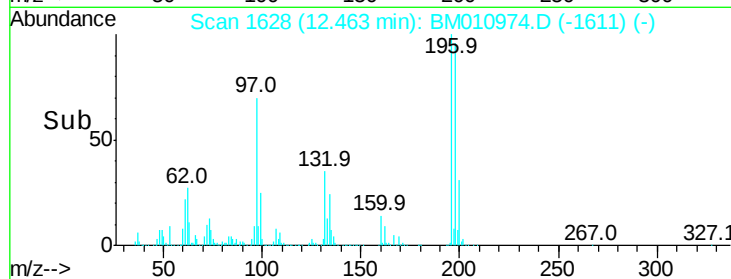
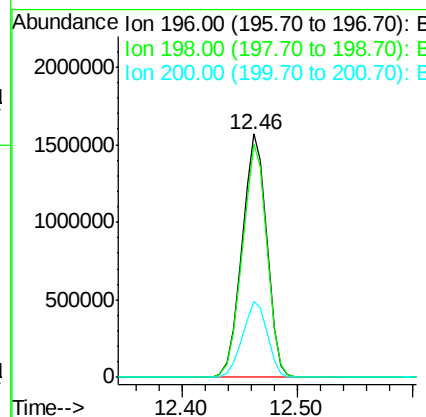
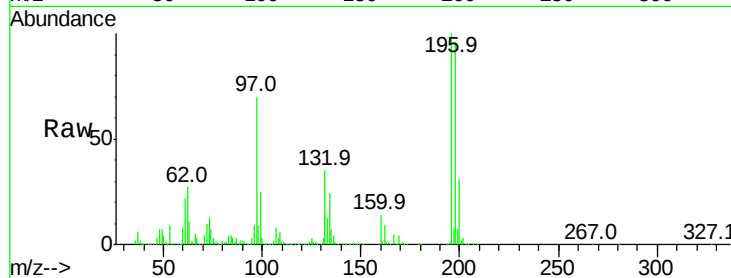
Time-->



#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

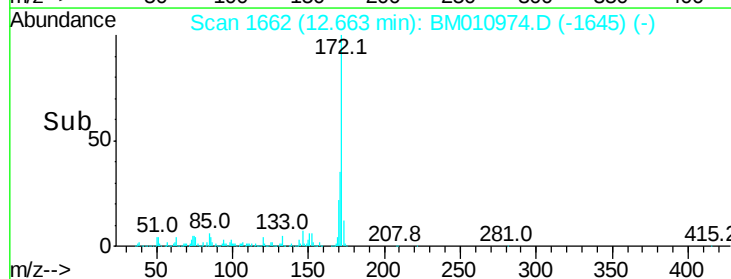
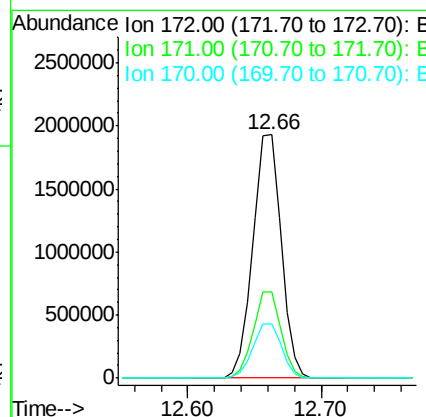
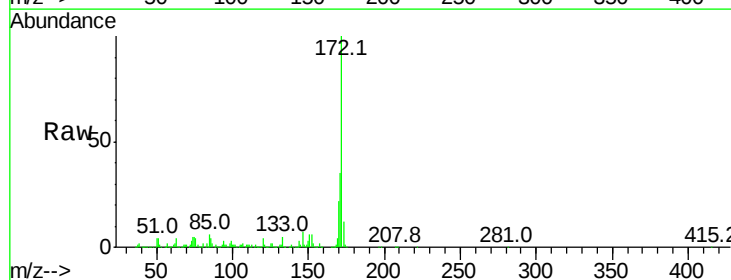
Instrument :
BNA_M
ClientSampleId :
0524

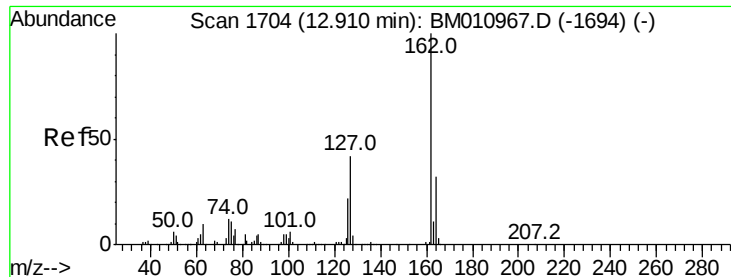
Tot Ion:196 Resp: 2321061
Ion Ratio Lower Upper
196 100
198 95.8 76.3 114.5
200 31.5 25.6 38.4



#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

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

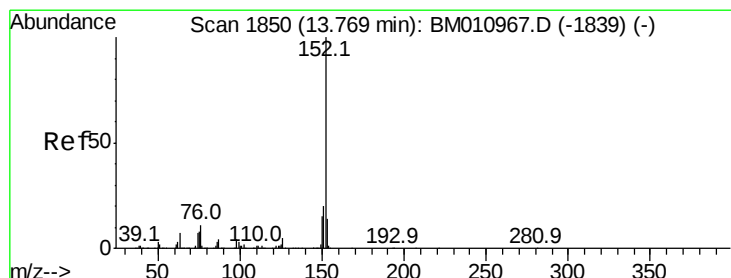
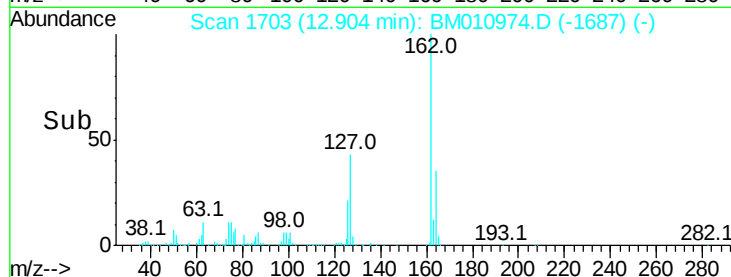
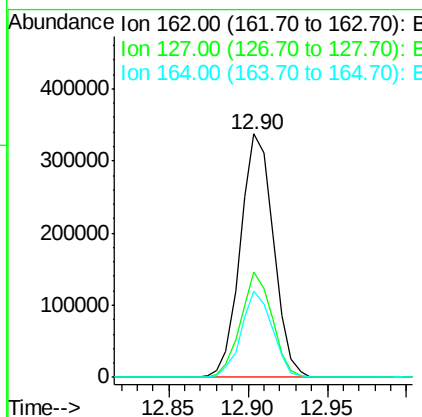
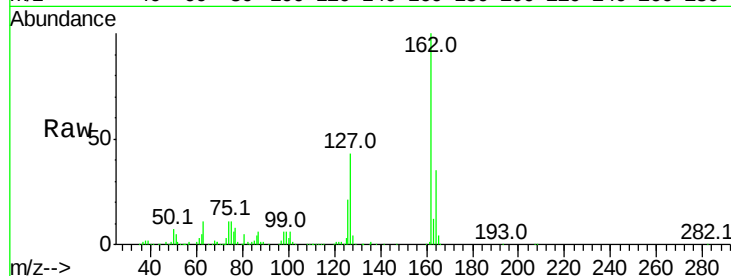




#46
2-Chloronaphthalene
Concen: 12.003 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

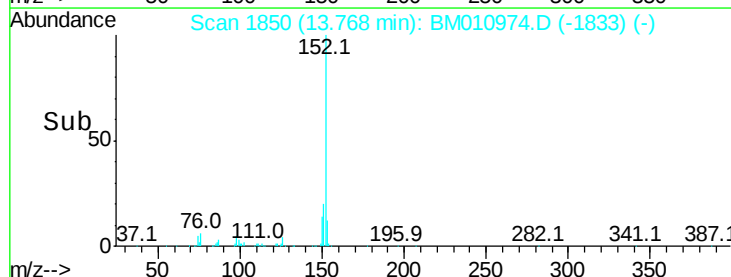
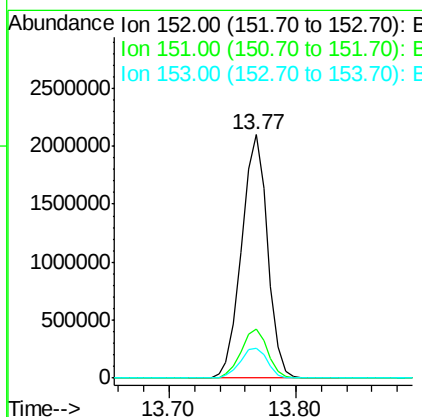
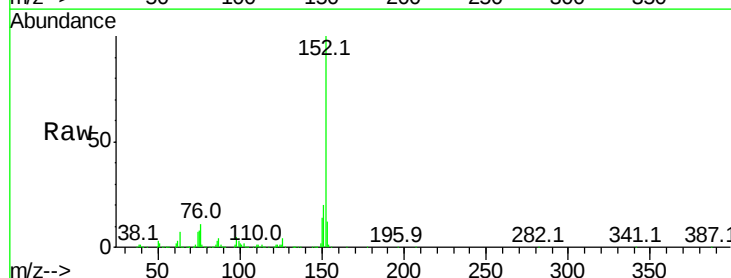
Instrument :
BNA_M
ClientSampleId :
0524

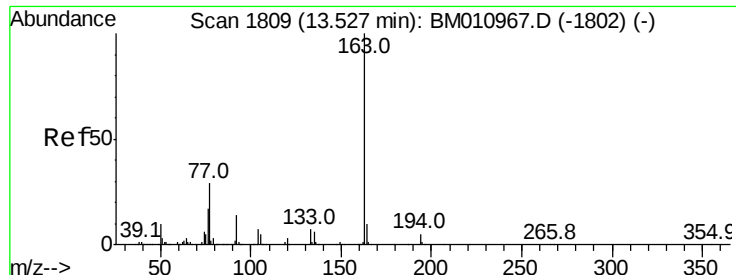
Tot Ion:162 Resp: 488732
Ion Ratio Lower Upper
162 100
127 43.5 26.9 40.3#
164 35.5 26.8 40.2



#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

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





#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

Instrument :

BNA_M

ClientSampleId :

0524

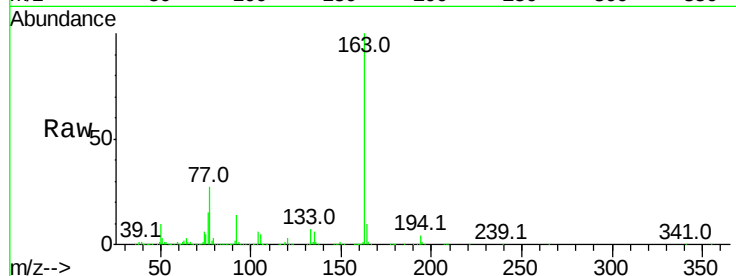
Tot Ion:163 Resp:10984483

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

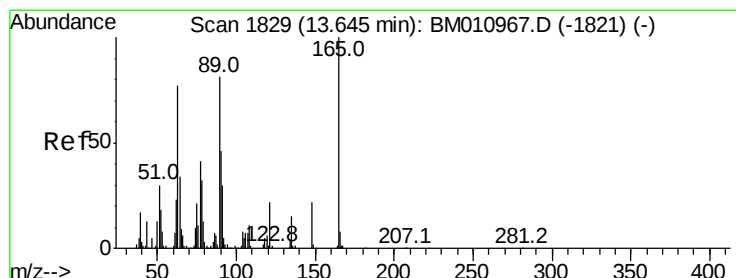
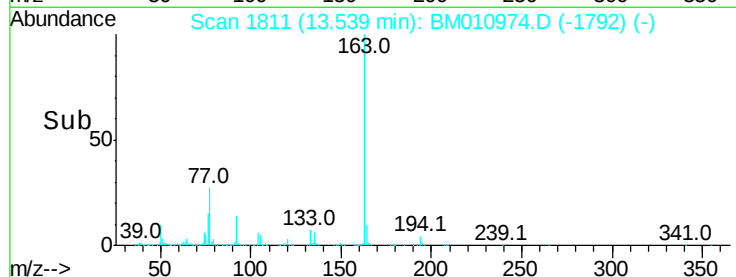
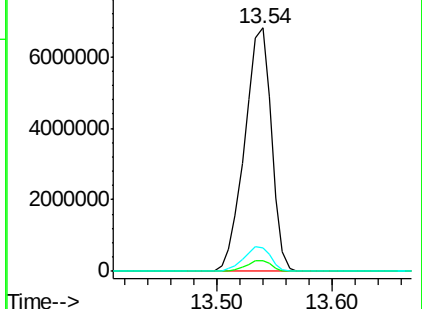
164 9.8 8.2 12.2



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

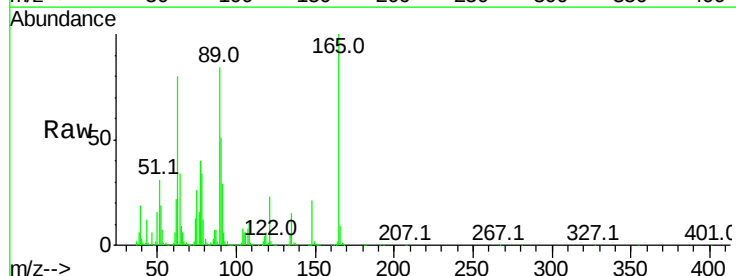
Tgt Ion:165 Resp: 2155970

Ion Ratio Lower Upper

165 100

63 80.0 44.1 66.1#

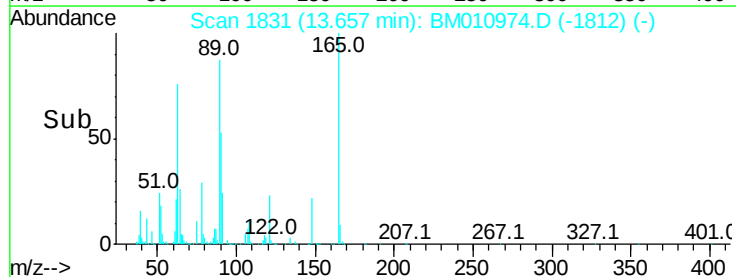
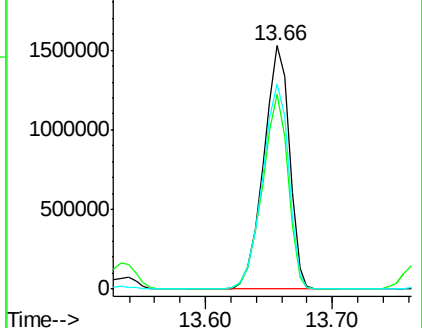
89 84.5 44.3 66.5#

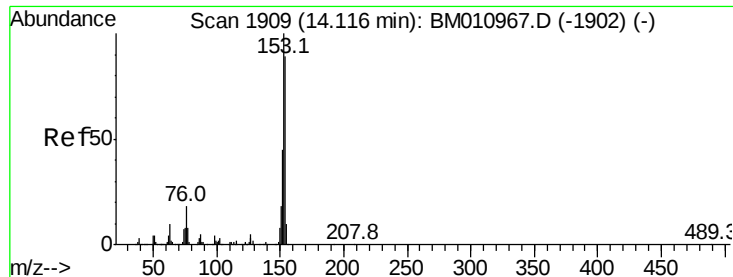


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#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

Instrument :

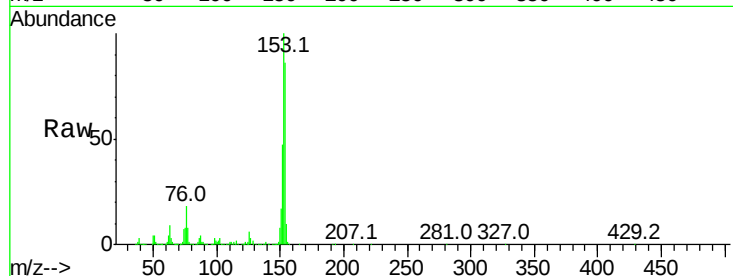
BNA_M

ClientSampleId :

0524

Tot Ion:154 Resp: 3918442

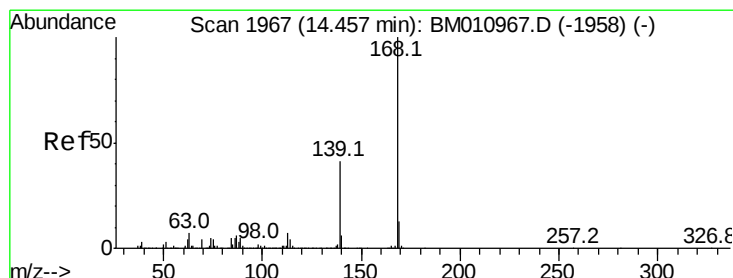
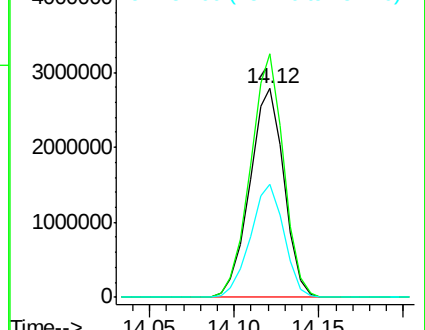
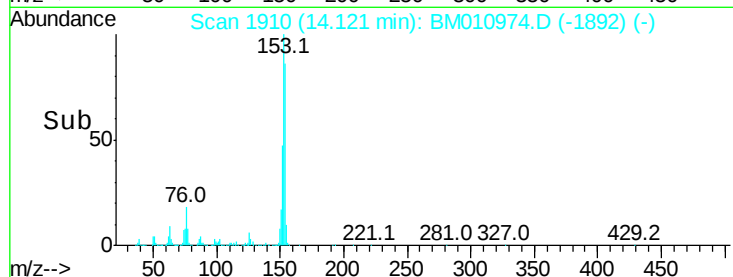
Ion	Ratio	Lower	Upper
154	100		
153	116.8	90.0	135.0
152	54.5	42.6	63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 157.654 ng

RT: 14.46 min Scan# 1968

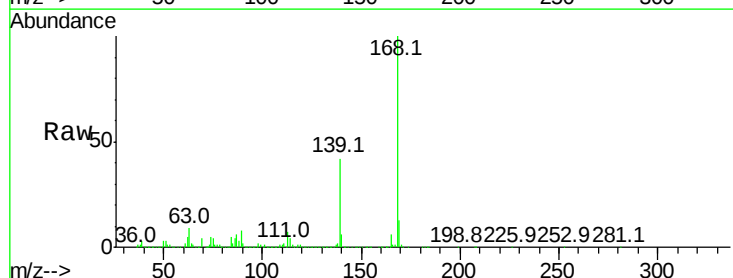
Delta R.T. 0.01 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Tgt Ion:168 Resp: 9611123

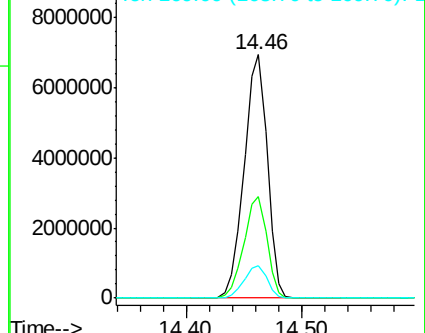
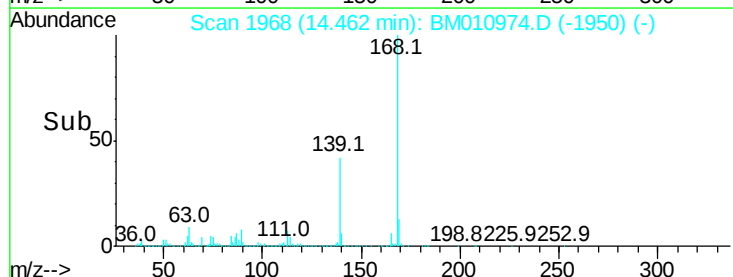
Ion	Ratio	Lower	Upper
168	100		
139	41.8	27.3	40.9#
169	13.5	10.6	16.0

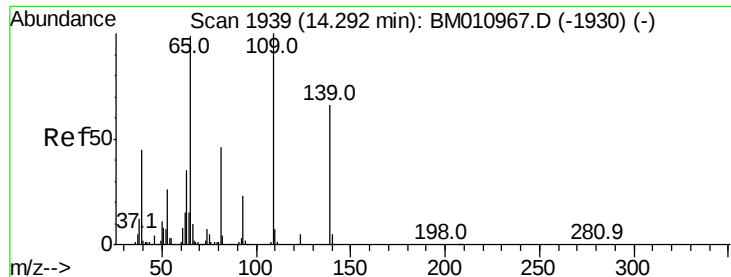


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

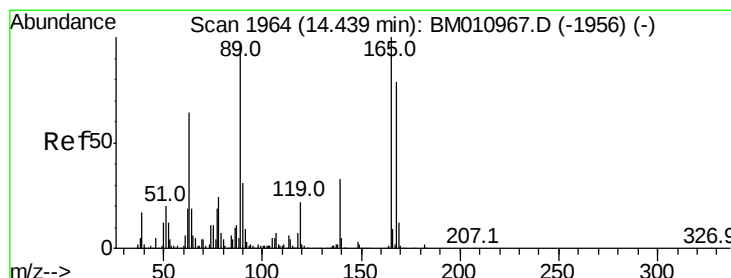
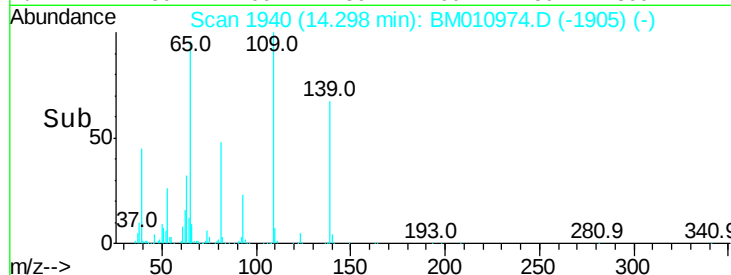
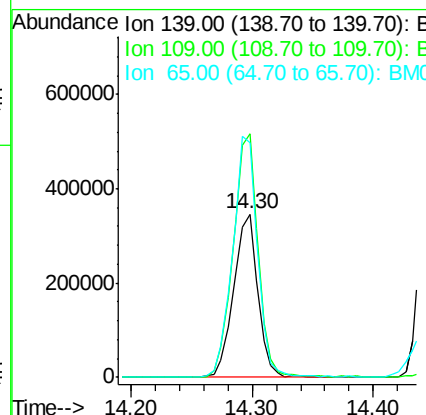
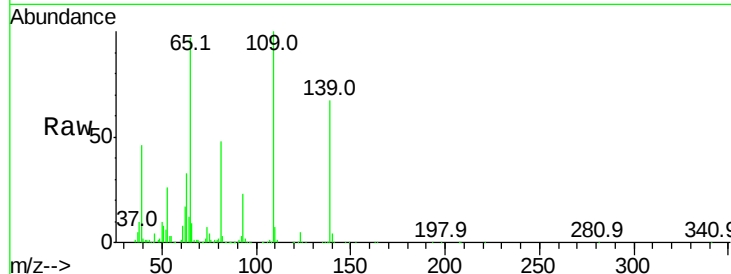




#55
4-Nitrophenol
Concen: 57.307 ng
RT: 14.30 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

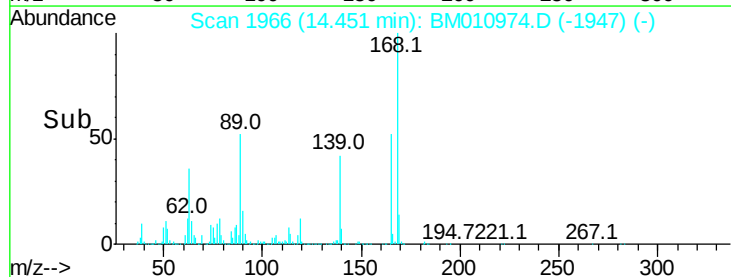
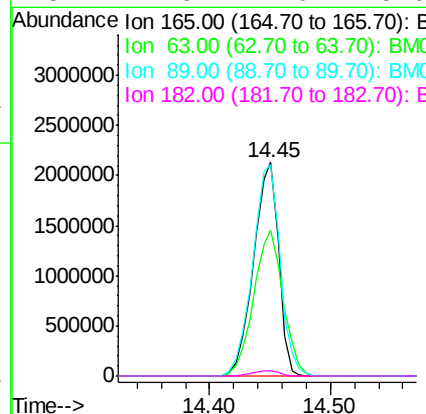
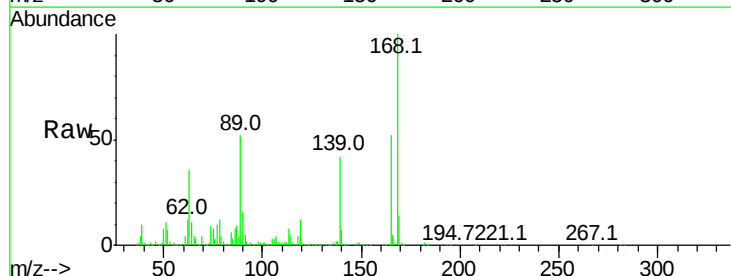
Instrument :
BNA_M
ClientSampleId :
0524

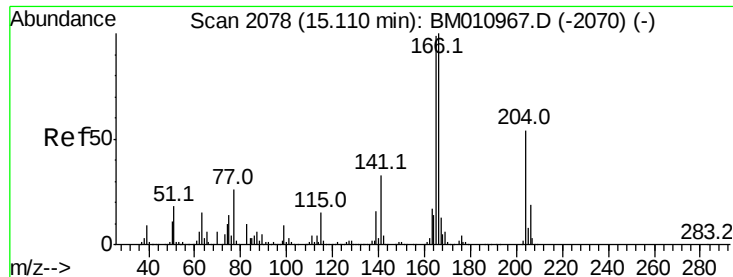
Tot Ion:139 Resp: 483046
Ion Ratio Lower Upper
139 100
109 148.8 130.0 170.0
65 143.7 130.0 170.0



#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

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

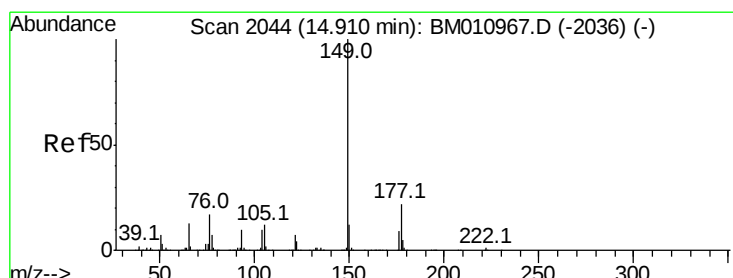
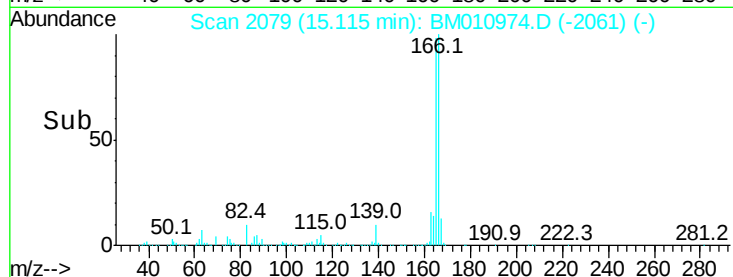
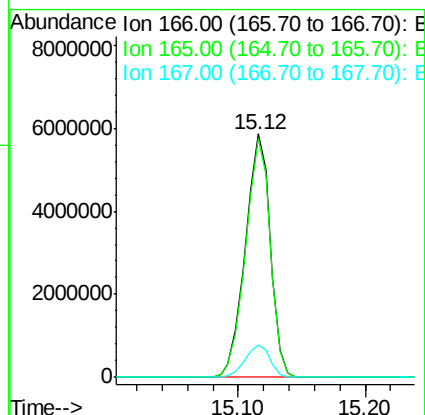
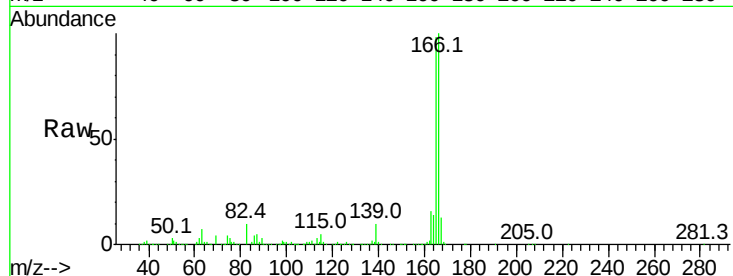




#57
 Fluorene
 Concen: 150.478 ng
 RT: 15.12 min Scan# 2079
 Delta R.T. 0.01 min
 Lab File: BM010974.D
 Acq: 26 Jul 2017 17:14

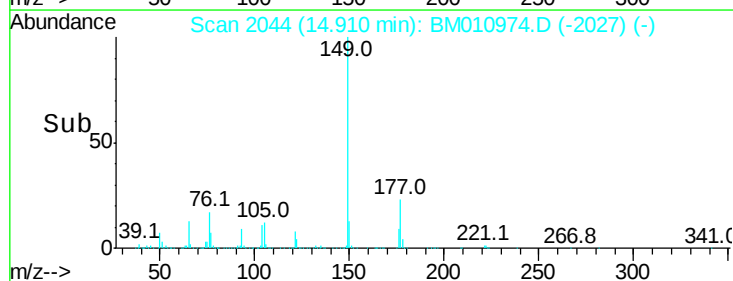
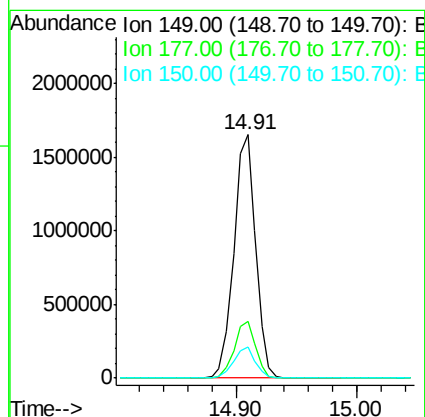
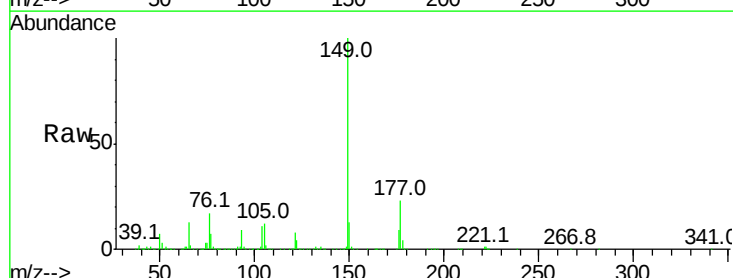
Instrument :
 BNA_M
 ClientSampleId :
 0524

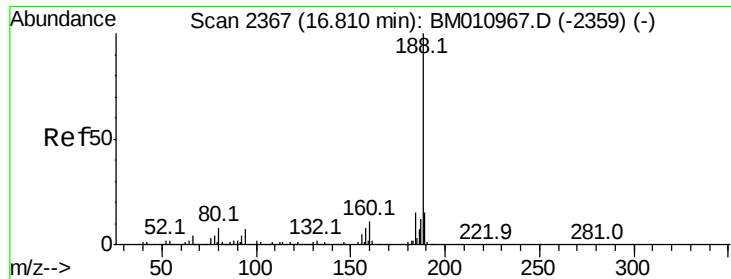
Tot Ion:166 Resp: 7987186
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.0 118.4
 167 13.4 10.3 15.5



#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

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





#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

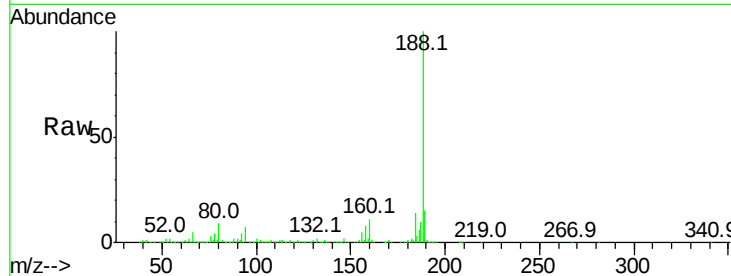
Tot Ion:188 Resp: 1542868

Ion Ratio Lower Upper

188 100

94 7.4 8.7 13.1#

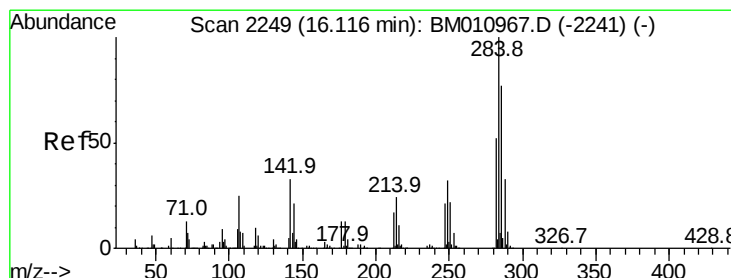
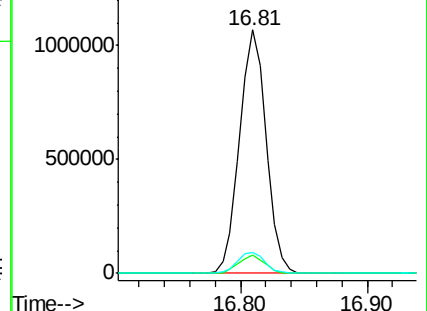
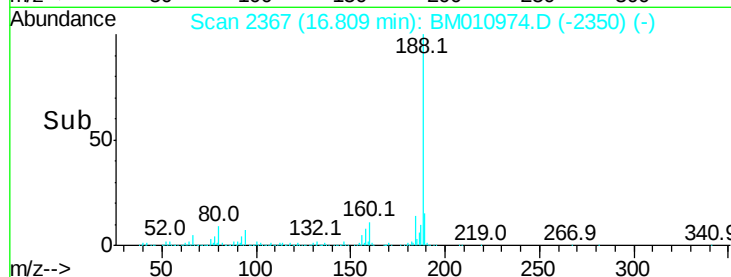
80 8.7 9.3 13.9#



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

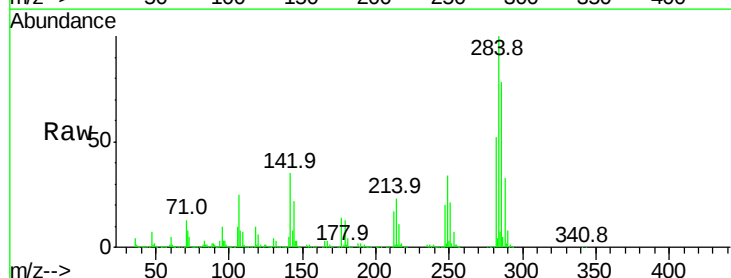
Tgt Ion:284 Resp: 4109529

Ion Ratio Lower Upper

284 100

142 35.0 20.4 30.6#

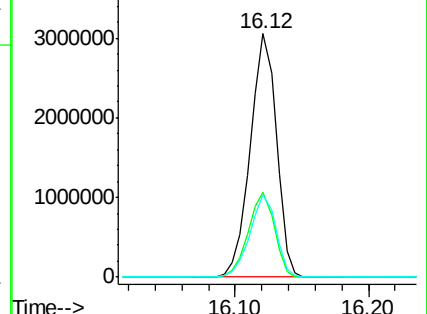
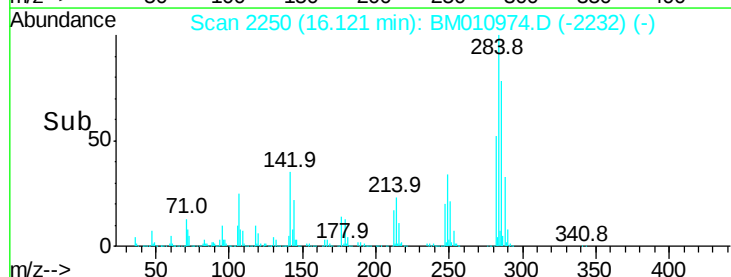
249 33.9 23.8 35.6

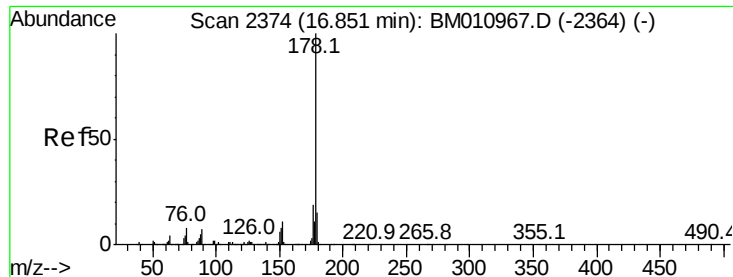


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

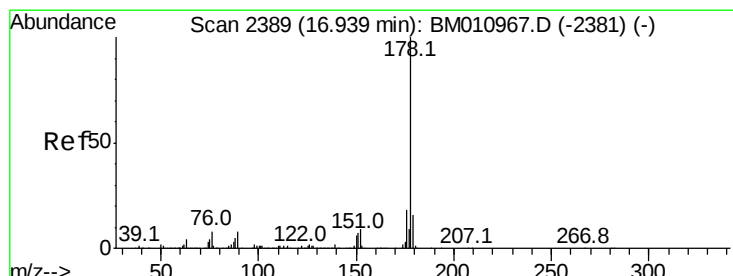
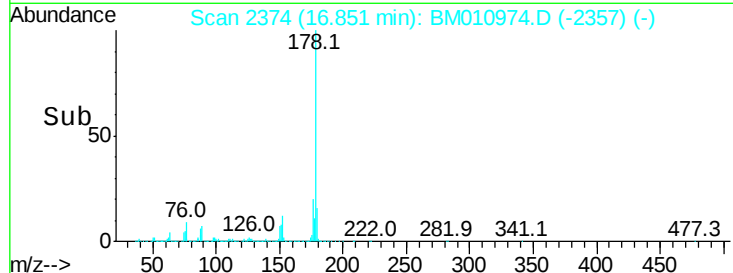
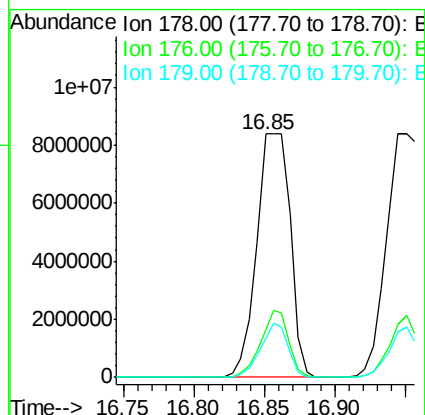
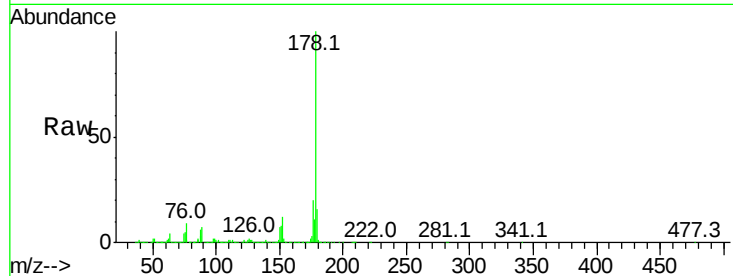




#70
Phenanthrene
Concen: 174.266 ng
RT: 16.85 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

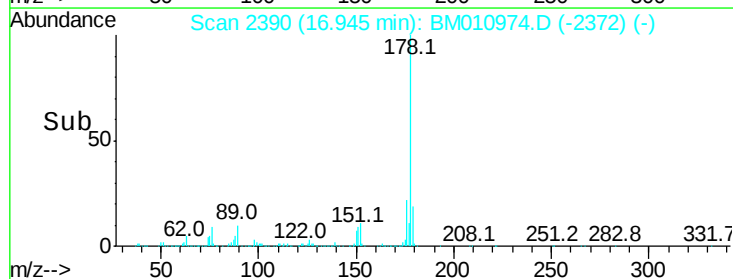
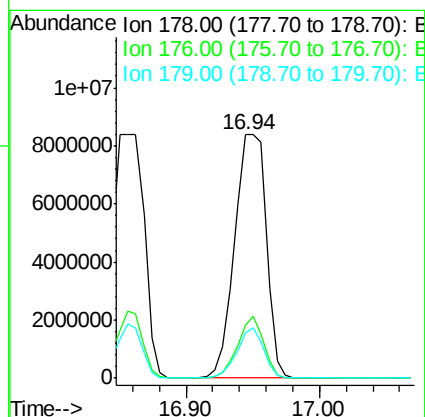
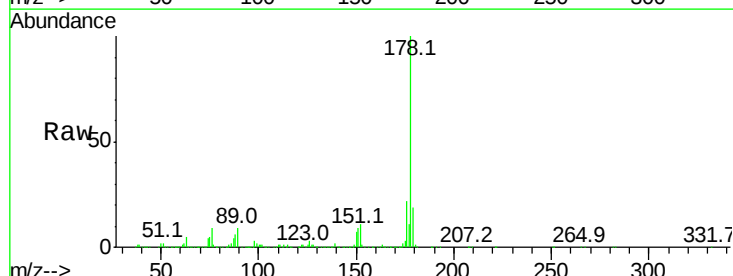
Instrument :
BNA_M
ClientSampled :
0524

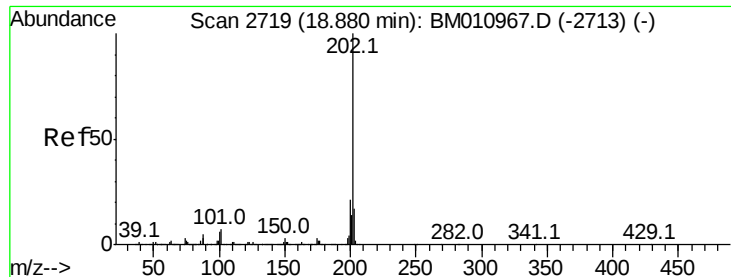
Tot Ion:178 Resp:14078542
Ion Ratio Lower Upper
178 100
176 19.6 15.2 22.8
179 15.9 12.1 18.1



#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

ClientSampled :

0524

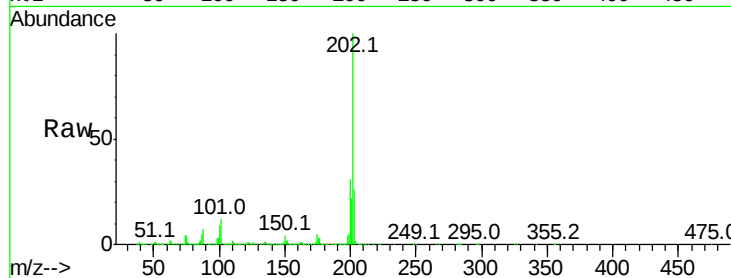
Tot Ion:202 Resp:14681339

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	28.7
203	26.0	0.0	37.2

202 100

101 11.8 0.0 28.7

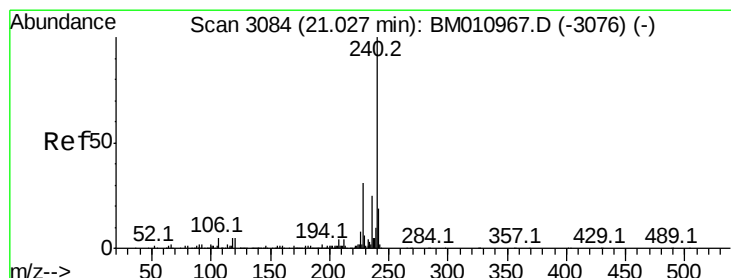
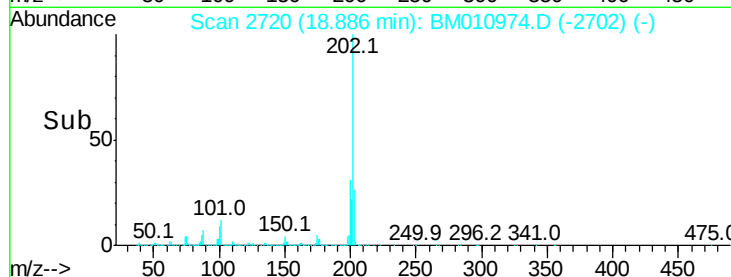
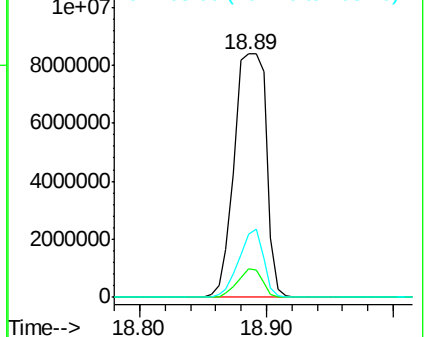
203 26.0 0.0 37.2



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

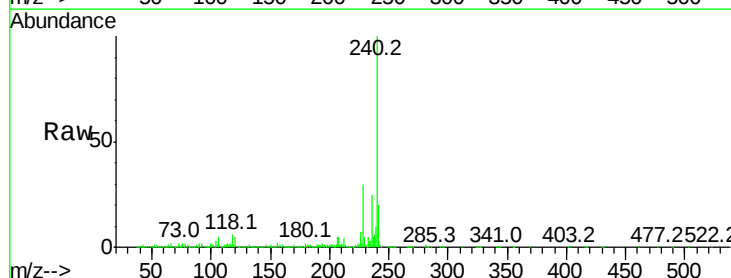
Tgt Ion:240 Resp: 1671594

Ion	Ratio	Lower	Upper
240	100		
120	5.2	8.2	12.2#
236	25.1	20.0	30.0

240 100

120 5.2 8.2 12.2#

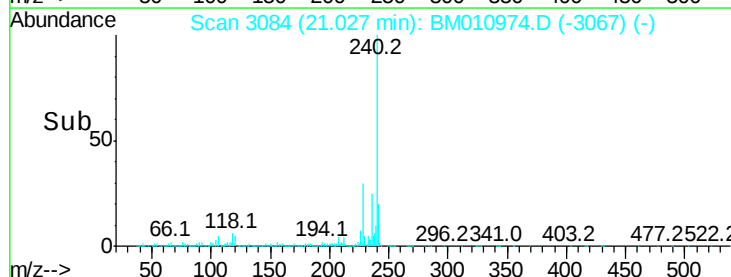
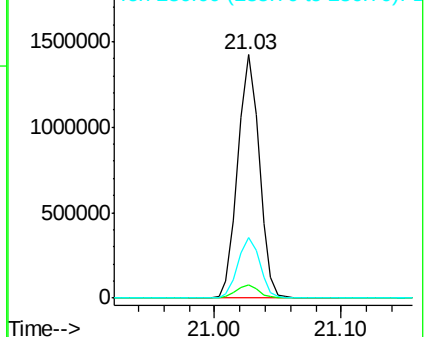
236 25.1 20.0 30.0

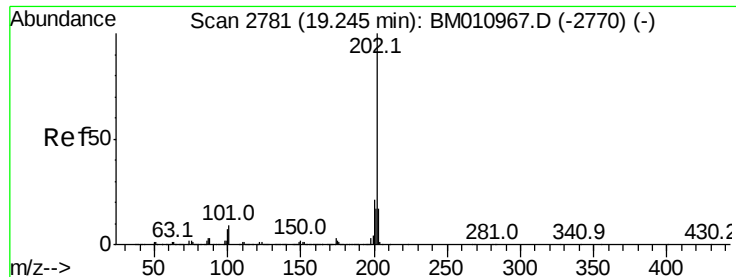


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

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

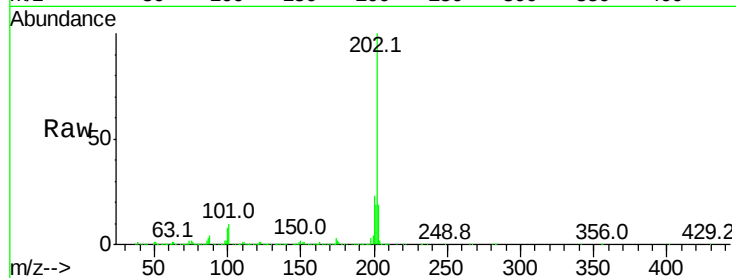
Tot Ion:202 Resp:11970172

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

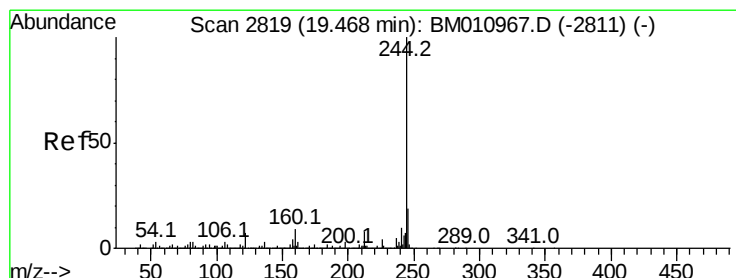
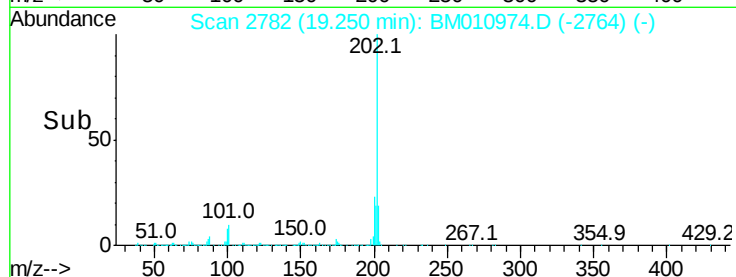
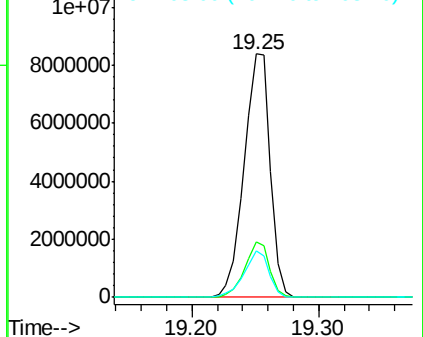
203 19.0 14.1 21.1



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

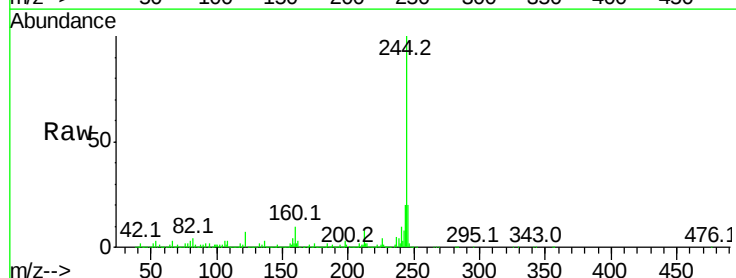
Tgt Ion:244 Resp: 6533171

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#

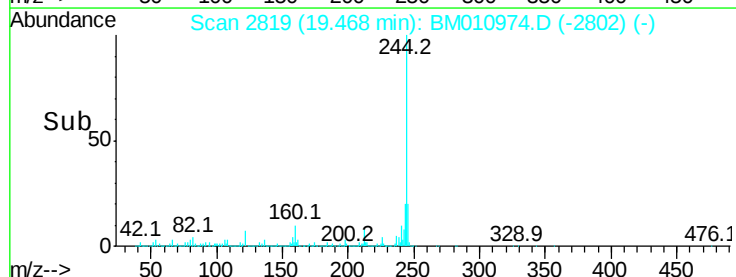
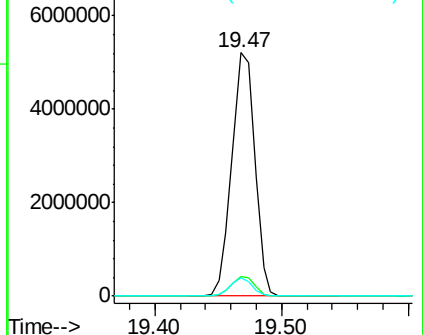
122 7.4 6.2 9.4

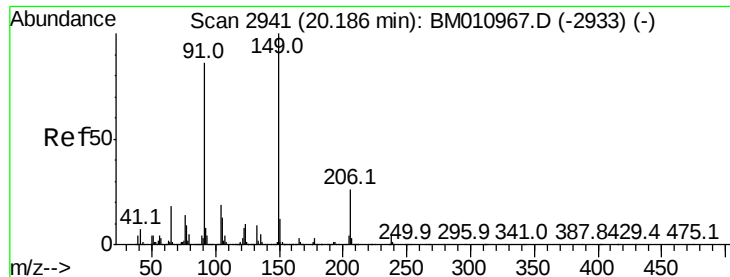


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

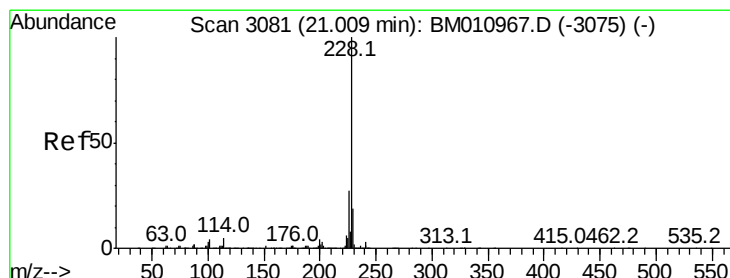
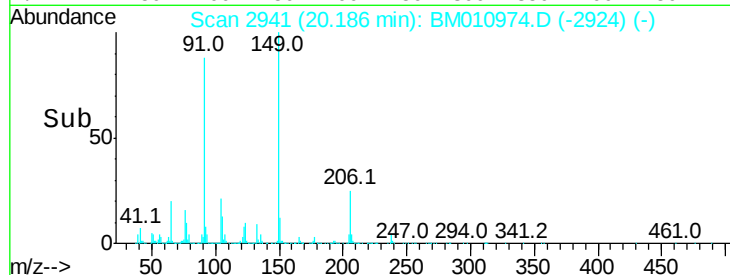
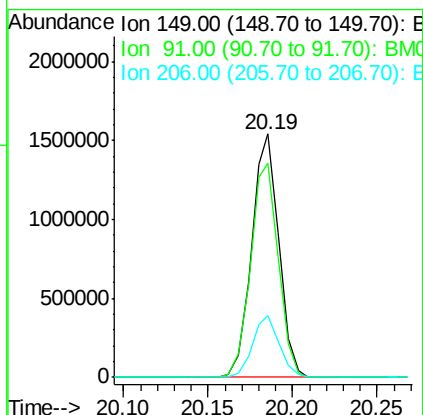
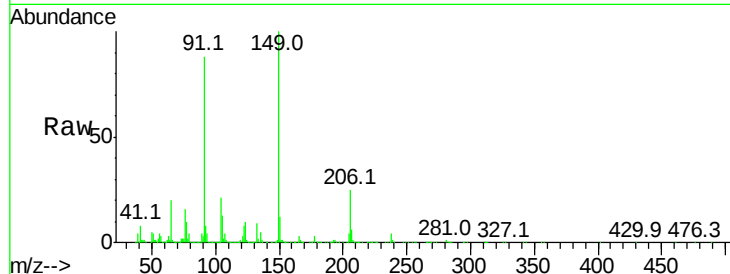




#79
Butylbenzylphthalate
Concen: 48.532 ng
RT: 20.19 min Scan# 2941
Delta R.T. -0.00 min
Lab File: BM010974.D
Acq: 26 Jul 2017 17:14

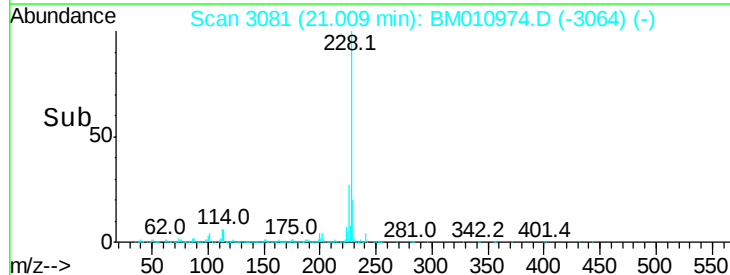
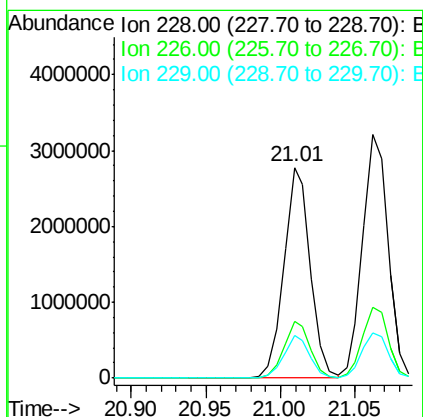
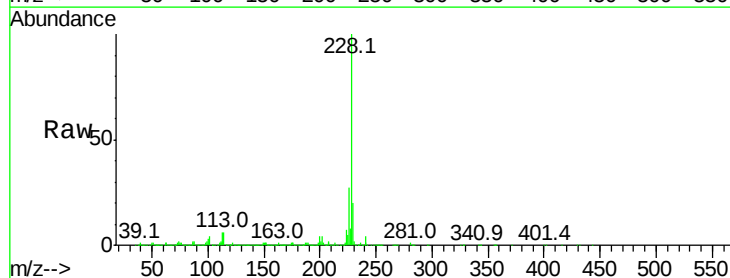
Instrument :
BNA_M
ClientSampleId :
0524

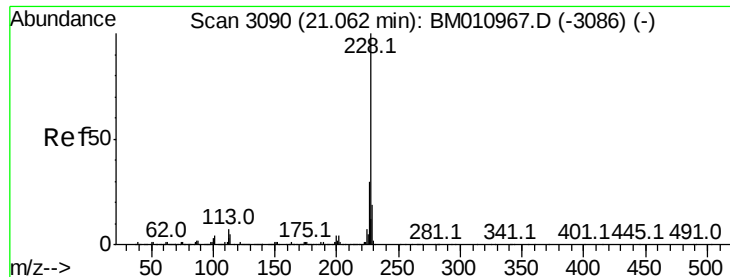
Tot Ion:149 Resp: 1714108
Ion Ratio Lower Upper
149 100
91 88.1 50.1 75.1#
206 25.1 16.2 24.2#



#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





#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 :

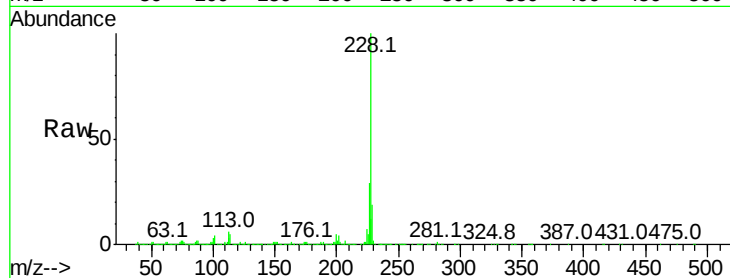
BNA_M

ClientSampleId :

0524

Tot Ion:228 Resp: 3785806

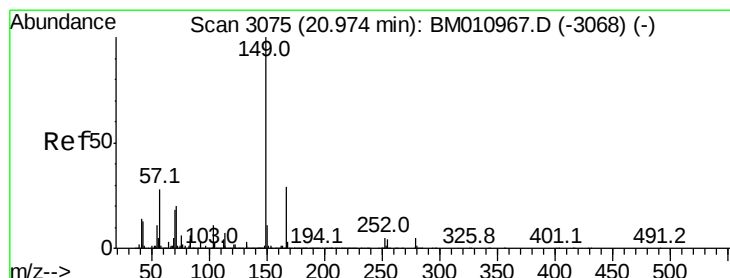
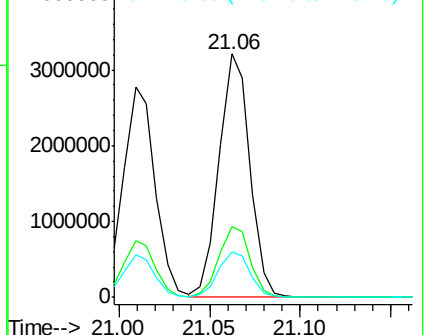
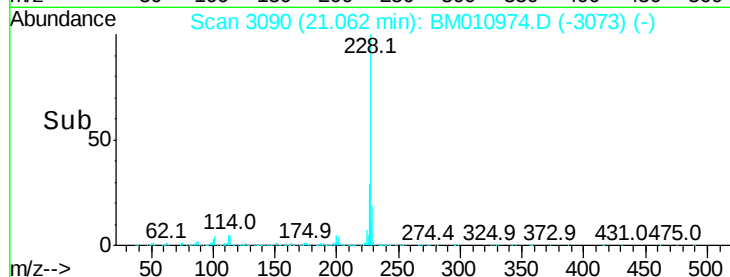
Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.1	36.1
229	18.8	15.5	23.3



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

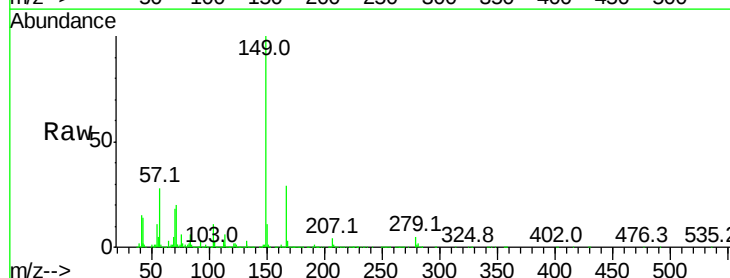
Delta R.T. -0.00 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Tgt Ion:149 Resp: 1669861

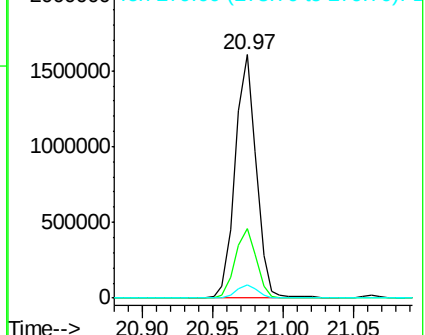
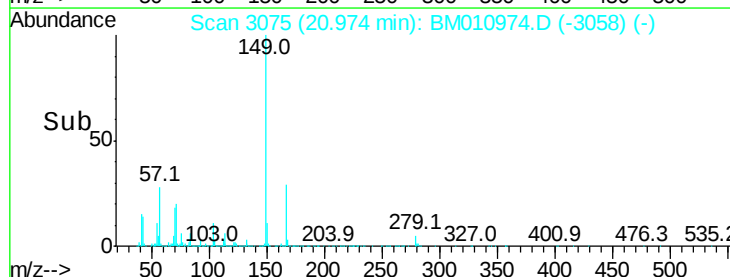
Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.4	33.6
279	5.2	3.4	5.0

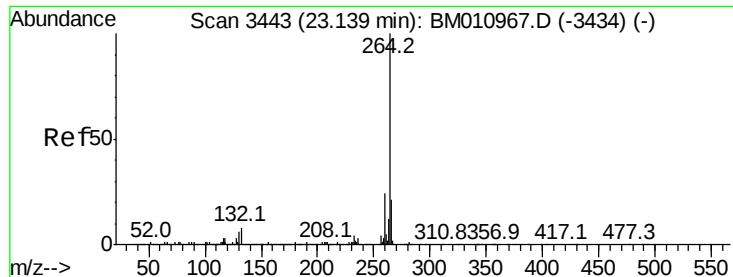


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Pervlene-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 :

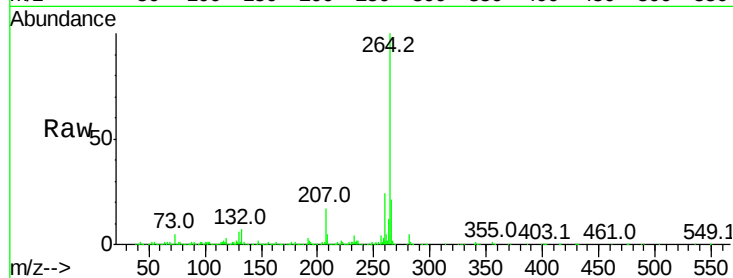
BNA_M

ClientSampled :

0524

Tot Ion:264 Resp: 1447376

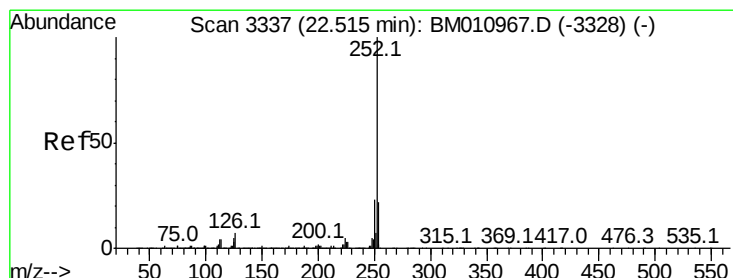
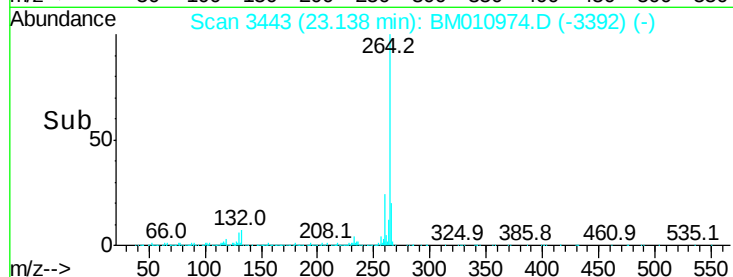
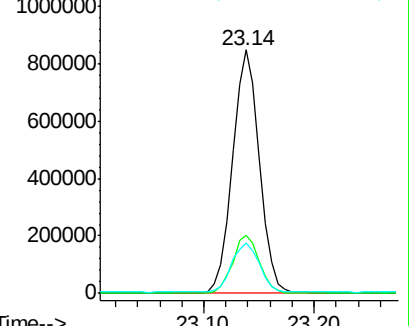
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	20.6	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 140.955 ng

RT: 22.53 min Scan# 3339

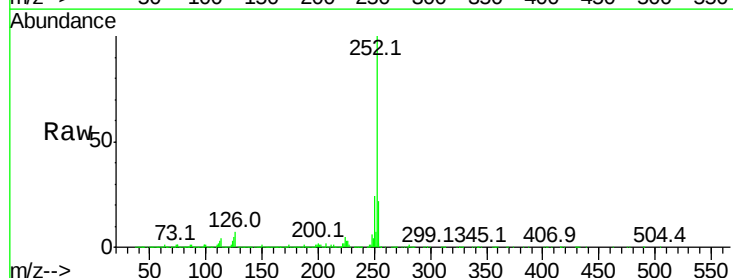
Delta R.T. 0.01 min

Lab File: BM010974.D

Acq: 26 Jul 2017 17:14

Tgt Ion:252 Resp:13093951

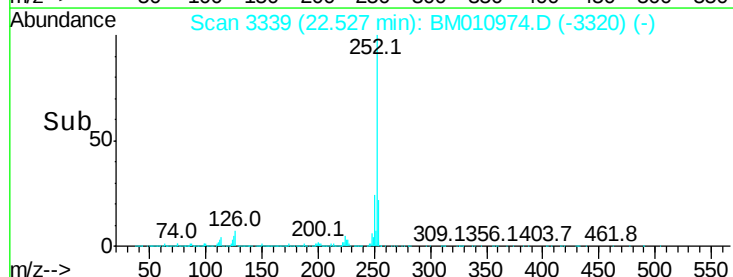
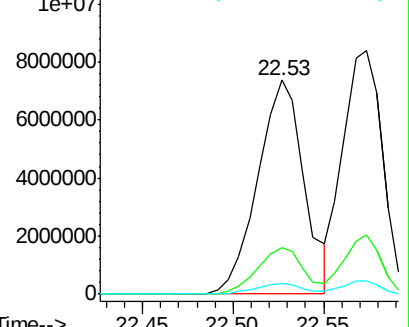
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	4.8	9.9	14.9

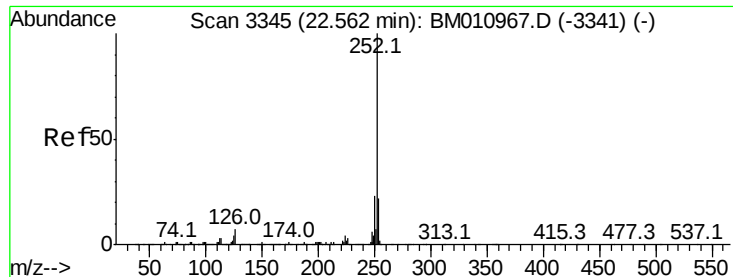


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 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

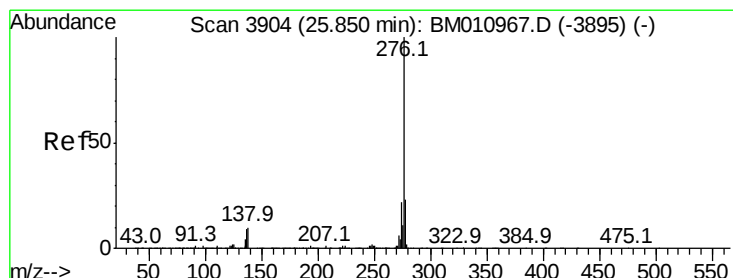
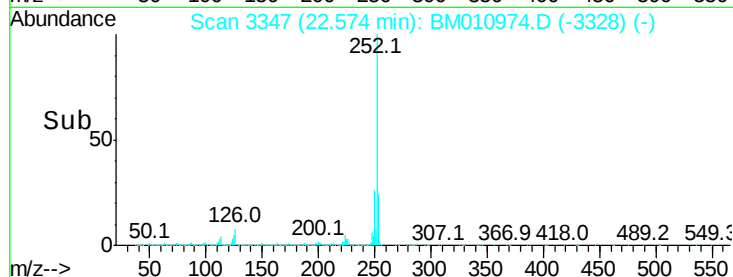
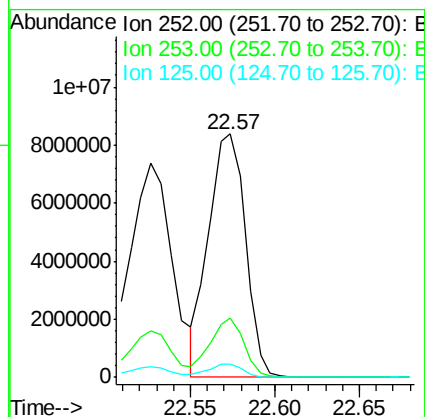
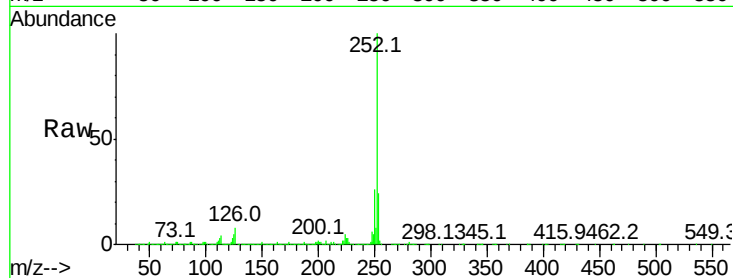
Tot Ion:252 Resp:12725999

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	5.3	8.1	12.1

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

276 100

277 24.4 18.5 27.7

138 8.7 19.0 28.6

