

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
 Data File : BM010977.D
 Acq On : 26 Jul 2017 19:02
 Operator : SJ/JU
 Sample : I4351-01DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0524DL

Quant Time: Jul 26 19:38:14 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	233440	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	912068	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	650521	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1704274	20.00	ng	0.00
75) Chrysene-d12	21.03	240	2140771	20.00	ng	0.00
86) Perylene-d12	23.14	264	1691279	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	173972	12.60	ng	0.00
7) Phenol-d6	6.58	99	271925	13.86	ng	-0.01
23) Nitrobenzene-d5	8.53	82	225791	9.29	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	240493	23.07	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	557681	10.75	ng	0.00
78) Terphenyl-d14	19.47	244	1503460	13.91	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.61	94	93161	4.371	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.92	45	105379	7.052	ng	88
17) 2-Methylphenol	7.84	107	181437	13.321	ng	# 78
18) Hexachloroethane	8.45	117	82513	10.803	ng	# 86
19) n-Nitroso-di-n-propylamine	8.20	70	358023	21.473	ng	# 90
24) Nitrobenzene	8.58	77	381409	15.146	ng	91
25) Isophorone	9.10	82	842950	20.804	ng	# 86
26) 2-Nitrophenol	9.28	139	75018	9.363	ng	# 49
29) 2,4-Dichlorophenol	9.81	162	46921	2.960	ng	94
31) Naphthalene	10.20	128	303339	6.611	ng	100
34) Hexachlorobutadiene	10.49	225	180415	11.688	ng	91
36) 4-Chloro-3-methylphenol	11.46	107	572891	27.992	ng	# 75
37) 2-Methylnaphthalene	11.83	142	806166	23.917	ng	# 90
42) 2,4,6-Trichlorophenol	12.46	196	444683	26.287	ng	99
46) 2-Chloronaphthalene	12.90	162	96594	2.331	ng	# 90
48) Acenaphthylene	13.76	152	589801	9.536	ng	99
49) Dimethylphthalate	13.53	163	2220165	39.896	ng	# 98
50) 2,6-Dinitrotoluene	13.64	165	425545	37.815	ng	# 55
51) Acenaphthene	14.12	154	758169	19.797	ng	99
54) Dibenzofuran	14.45	168	1884605	30.371	ng	# 90
55) 4-Nitrophenol	14.29	139	86258	10.054	ng	88
56) 2,4-Dinitrotoluene	14.43	165	568613	35.992	ng	91
57) Fluorene	15.11	166	1572420	29.104	ng	99
59) Diethylphthalate	14.90	149	568826	10.009	ng	99
67) Hexachlorobenzene	16.12	284	852351	34.428	ng	# 88
70) Phenanthrene	16.85	178	3401093	38.112	ng	99
71) Anthracene	16.94	178	3211467	36.084	ng	99
74) Fluoranthene	18.88	202	4006674	36.230	ng	98
77) Pyrene	19.24	202	2855609	22.449	ng	99
79) Butylbenzylphthalate	20.18	149	376354	8.320	ng	# 71
80) Benzo(a)anthracene	21.01	228	863840	7.067	ng	99
82) Chrysene	21.06	228	947387	8.074	ng	97
83) Bis(2-ethylhexyl)phthalate	20.97	149	368473	5.537	ng	# 99
87) Benzo(b)fluoranthene	22.52	252	3068525	28.269	ng	# 90

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QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

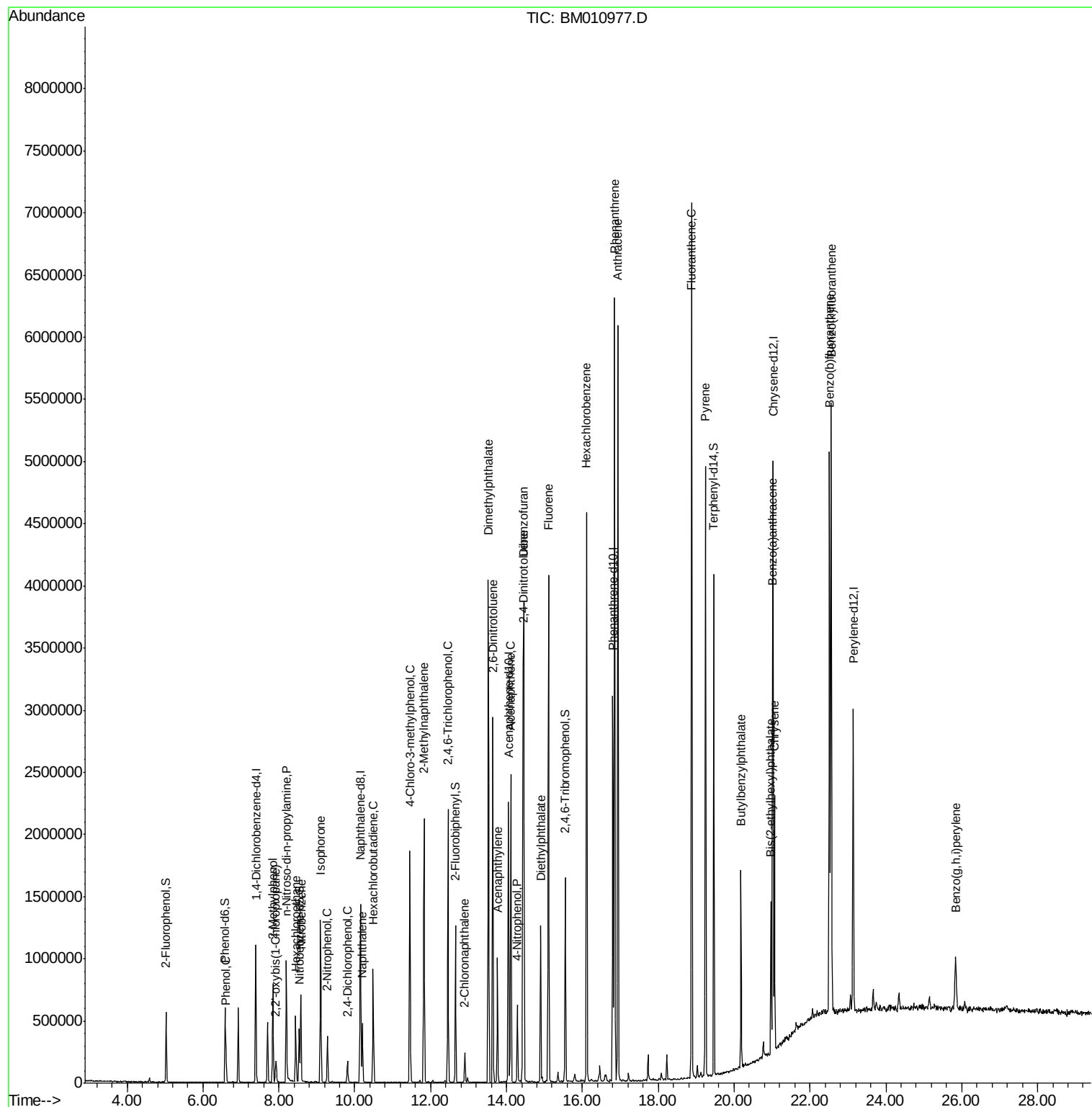
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	22.56	252	3179042	30.556	ng	# 94
91) Benzo(g,h,i)perylene	25.84	276	494197	5.527	ng	# 84

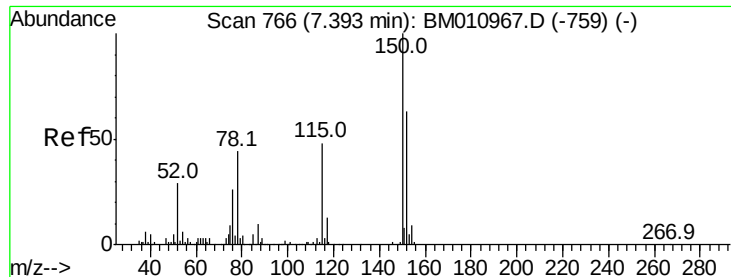
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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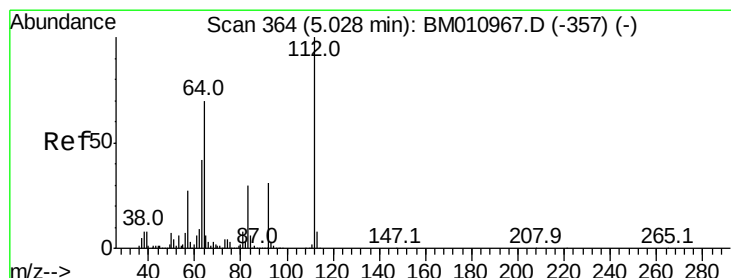
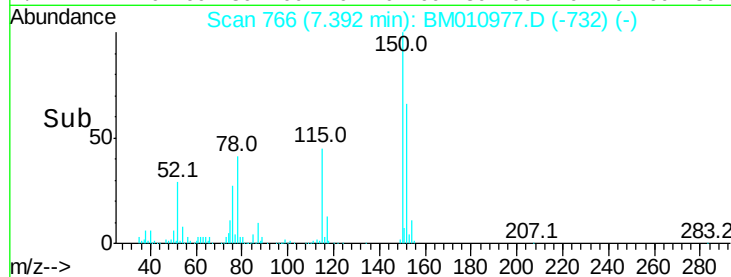
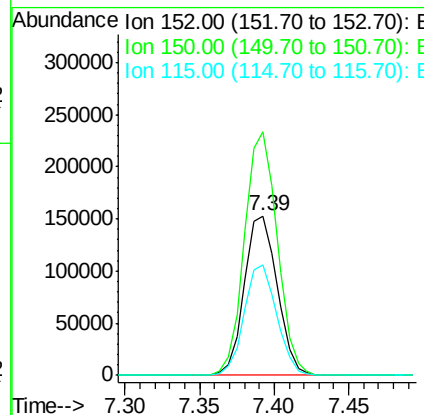
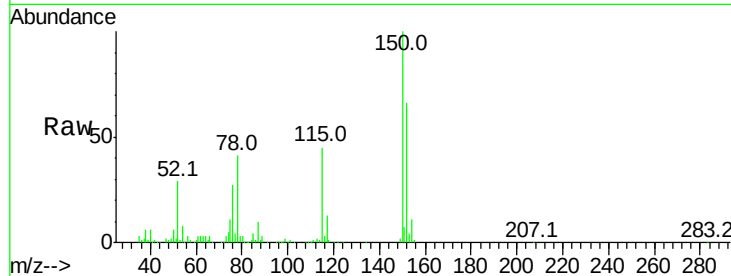


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 766
Delta R.T. -0.00 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

Instrument :
BNA_M
ClientSampleId :
0524DL

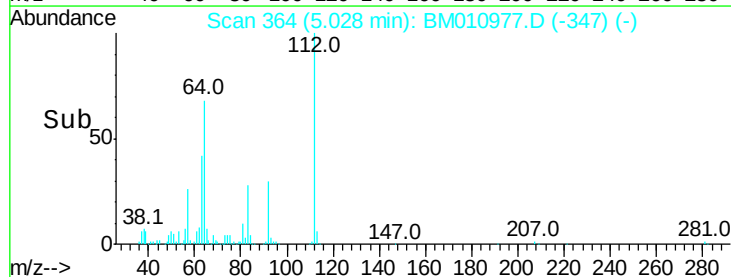
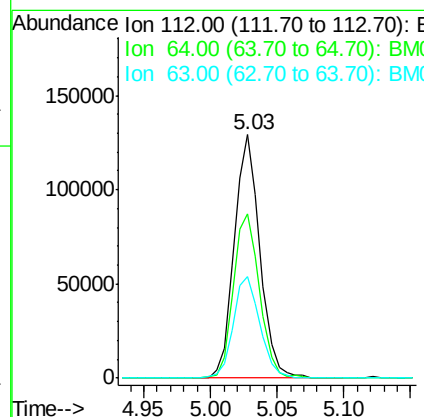
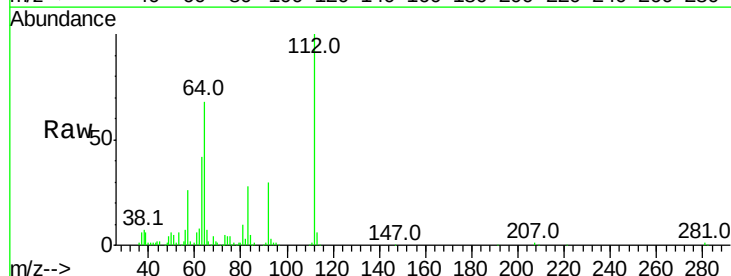
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.5	179.3
115	69.4	43.0	64.4#

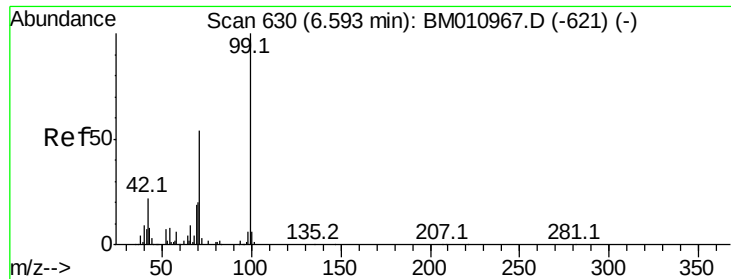


#5

2-Fluorophenol
Concen: 12.598 ng
RT: 5.03 min Scan# 364
Delta R.T. 0.00 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	38.6	57.8#
63	41.9	19.3	28.9#





#7

Phenol-d6

Concen: 13.859 ng

RT: 6.58 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

Instrument :

BNA_M

ClientSampleId :

0524DL

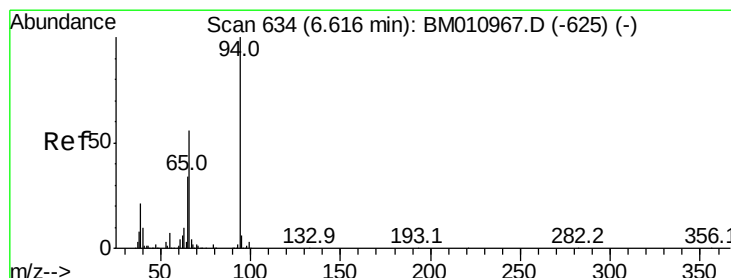
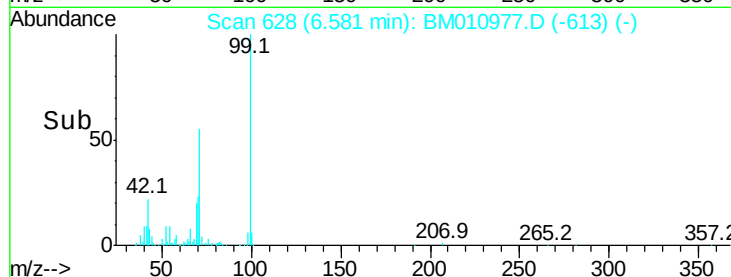
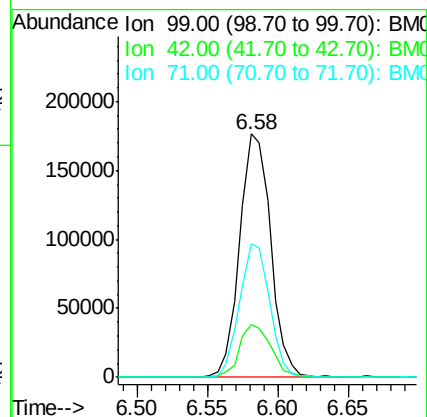
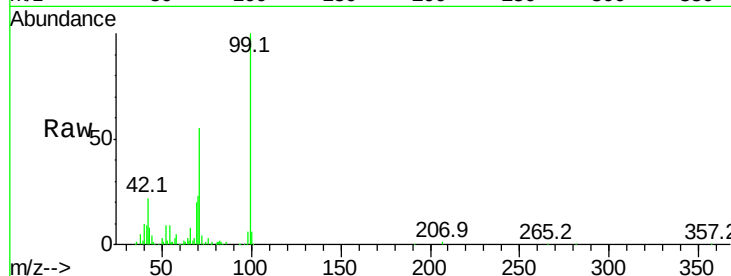
Tot Ion: 99 Resp: 271925

Ion Ratio Lower Upper

99 100

42 21.8 11.0 16.4#

71 54.9 23.4 35.2#



#10

Phenol

Concen: 4.371 ng

RT: 6.61 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

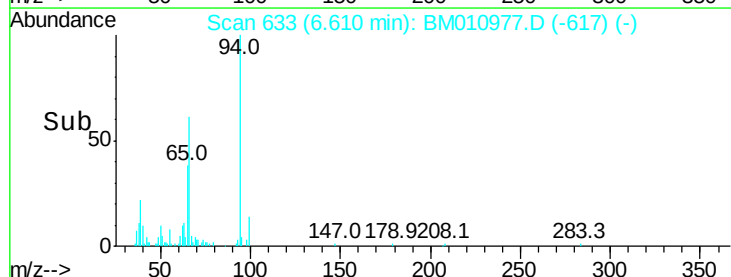
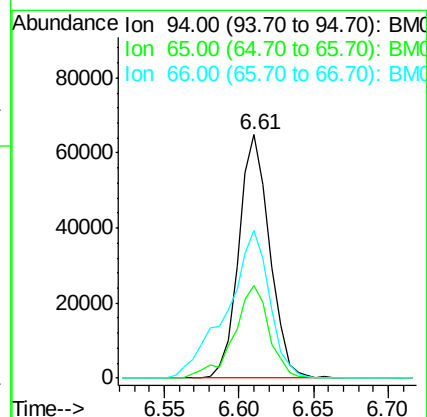
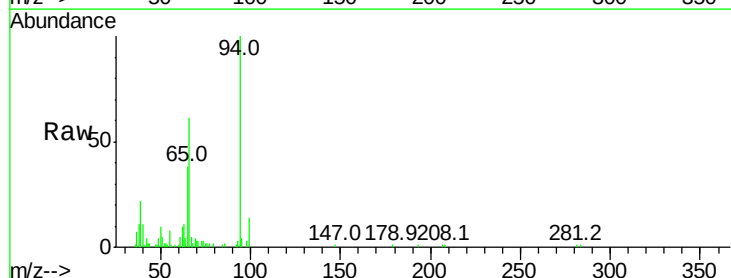
Tgt Ion: 94 Resp: 93161

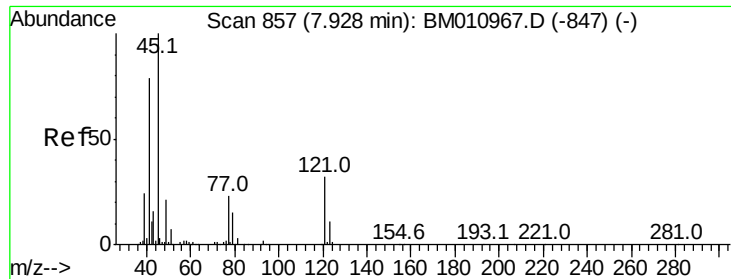
Ion Ratio Lower Upper

94 100

65 38.2 18.8 58.8

66 60.6 39.9 79.9

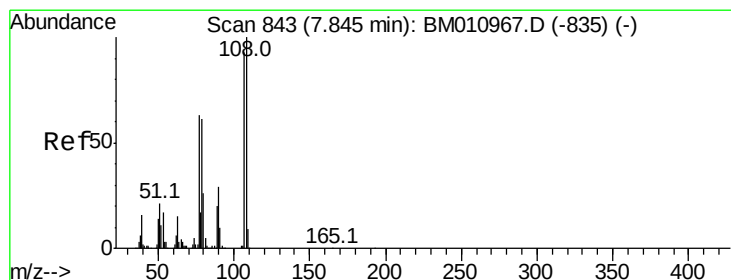
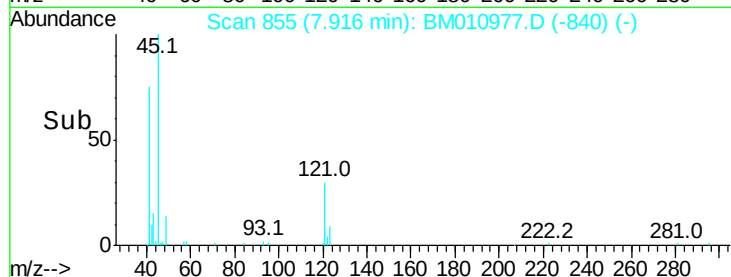
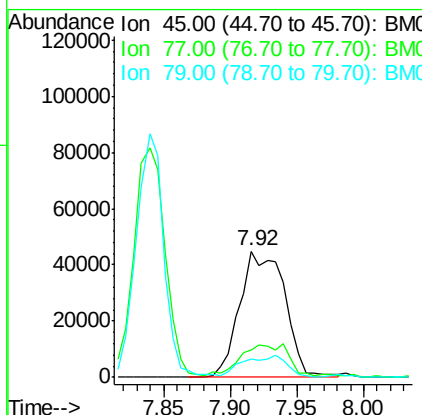
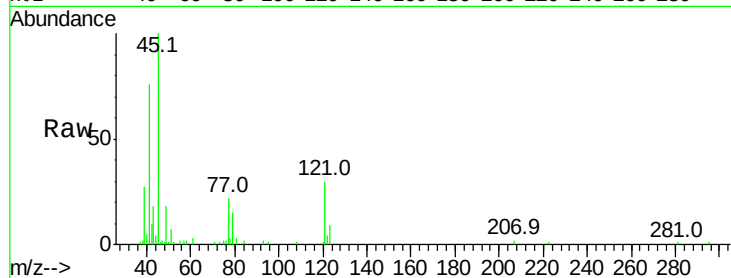




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 7.052 ng
RT: 7.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

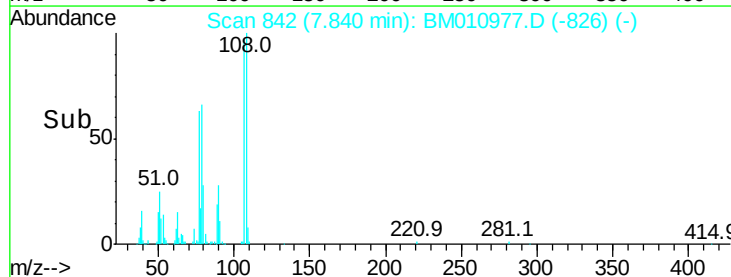
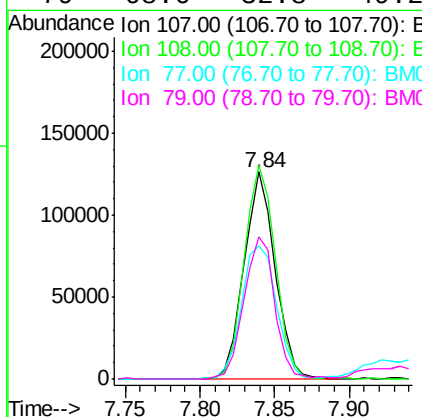
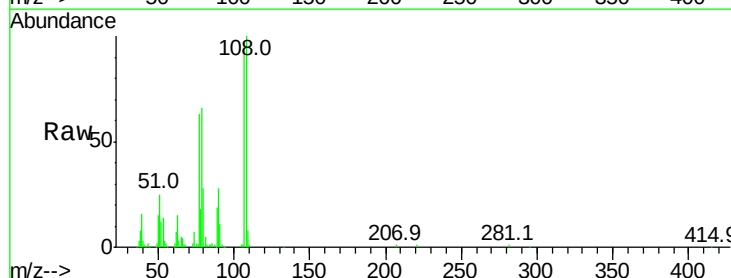
Instrument :
BNA_M
ClientSampleId :
0524DL

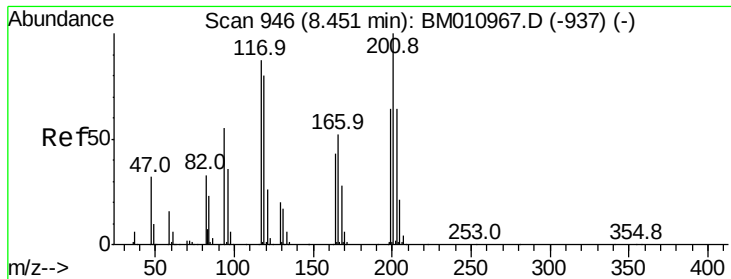
Tot Ion	45	Resp	105379
Ion	Ratio	Lower	Upper
45	100		
77	21.7	0.0	35.2
79	14.8	0.0	32.0



#17
2-Methylphenol
Concen: 13.321 ng
RT: 7.84 min Scan# 842
Delta R.T. -0.01 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

Tgt Ion	107	Resp	181437
Ion	Ratio	Lower	Upper
107	100		
108	103.3	89.8	134.8
77	64.6	32.6	48.8#
79	68.6	32.8	49.2#

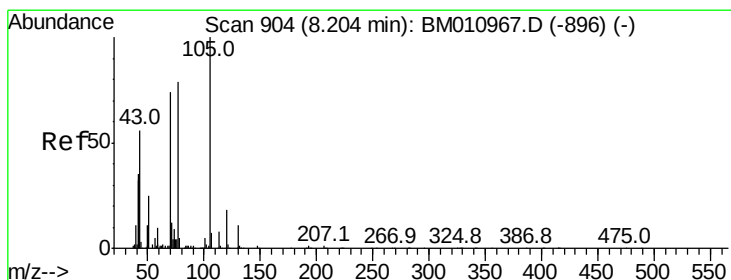
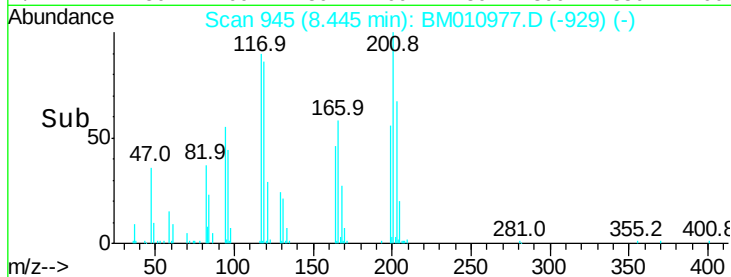
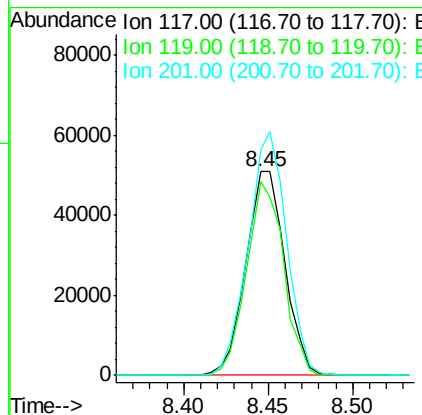
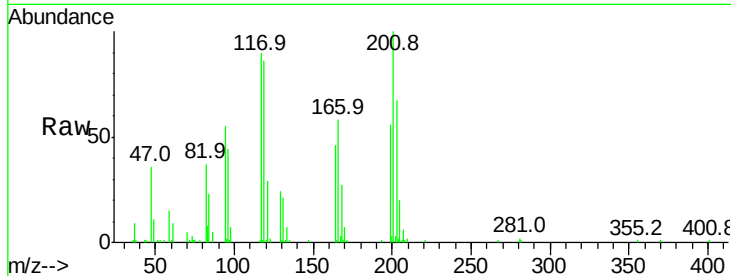




#18
Hexachloroethane
Concen: 10.803 ng
RT: 8.45 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

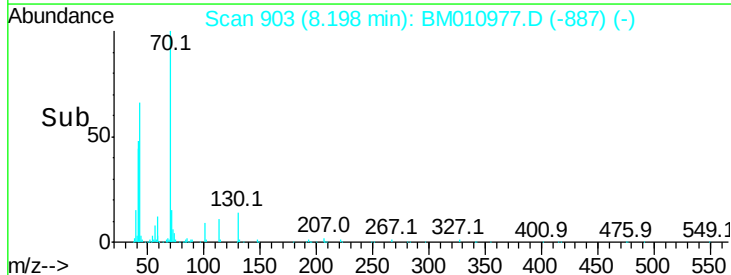
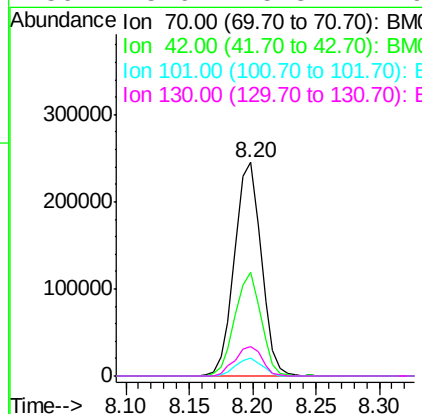
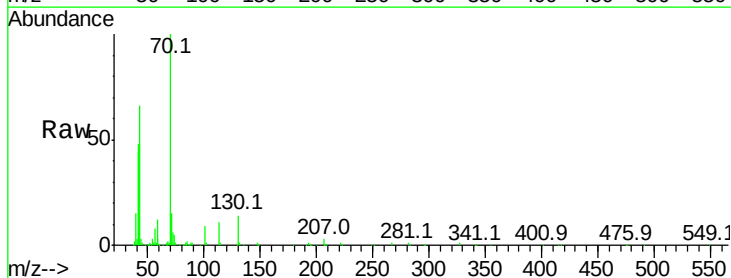
Instrument :
BNA_M
ClientSampleId :
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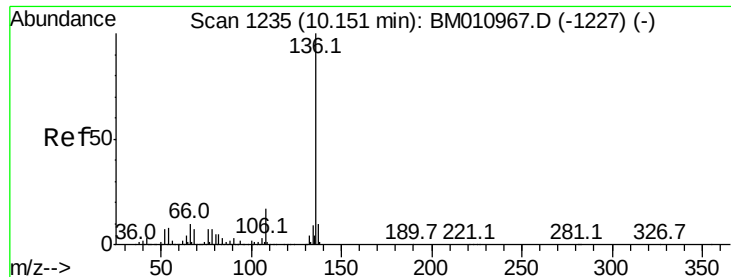
Tot Ion:117 Resp: 82513
Ion Ratio Lower Upper
117 100
119 95.1 79.2 118.8
201 110.6 69.8 104.6#



#19
n-Nitroso-di-n-propylamine
Concen: 21.473 ng
RT: 8.20 min Scan# 903
Delta R.T. -0.01 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

Tgt Ion: 70 Resp: 358023
Ion Ratio Lower Upper
70 100
42 48.3 44.5 66.7
101 8.7 7.4 11.2
130 13.6 15.3 22.9#

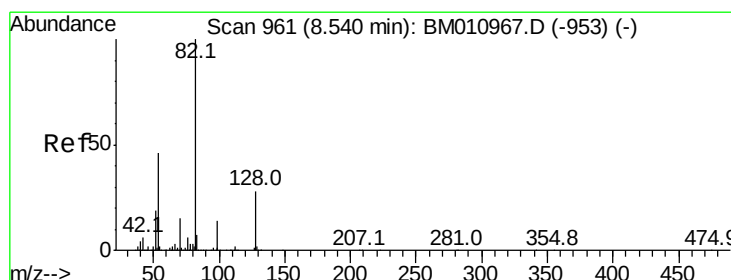
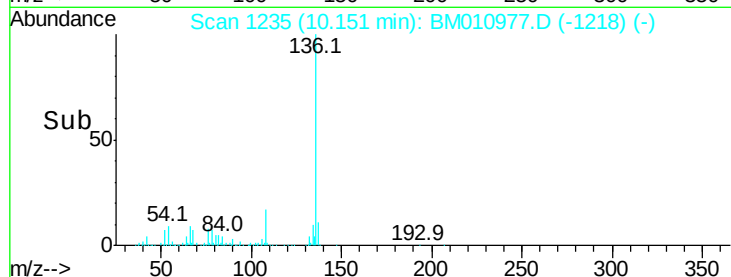
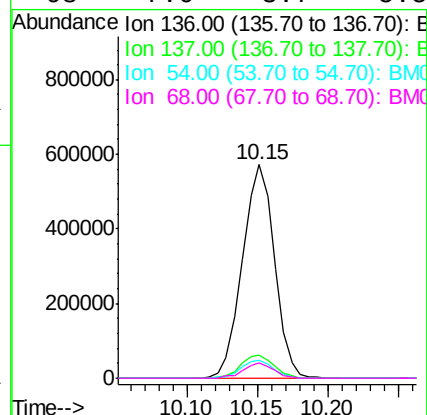
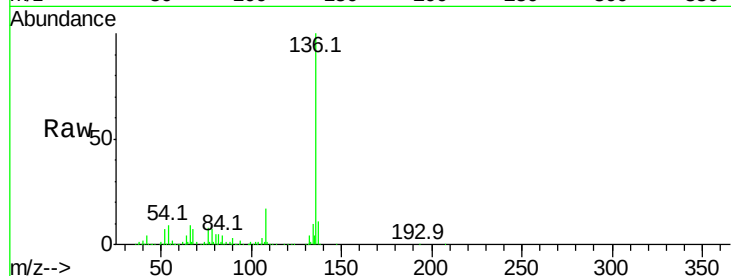




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

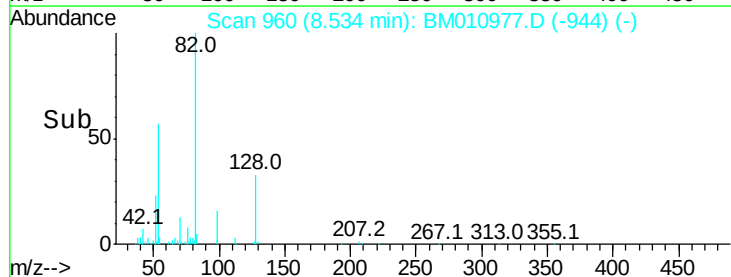
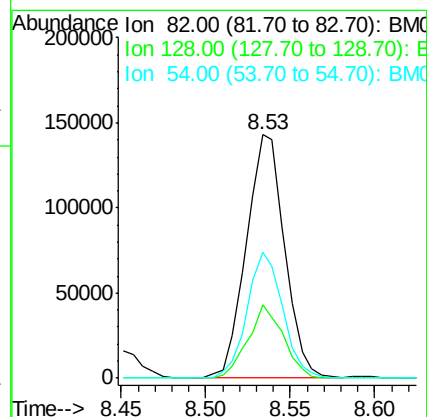
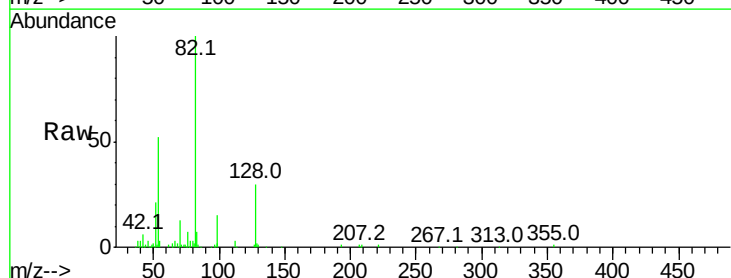
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ClientSampled :
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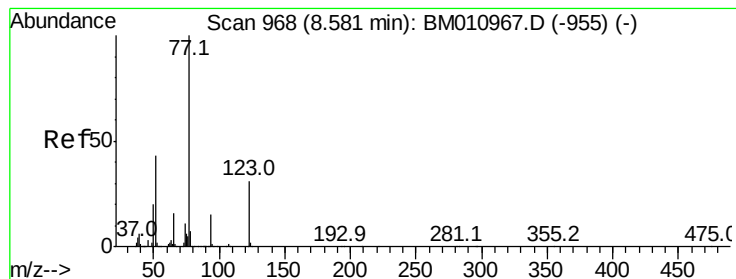
Tot Ion:136	Resp: 912068
Ion Ratio	Lower Upper
136 100	
137 10.6	8.7 13.1
54 8.7	4.6 6.8#
68 7.0	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 9.291 ng
RT: 8.53 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

Tgt Ion: 82	Resp: 225791
Ion Ratio	Lower Upper
82 100	
128 30.3	32.8 49.2#
54 52.0	40.6 60.8





#24

Nitrobenzene

Concen: 15.146 ng

RT: 8.58 min Scan# 968

Delta R.T. -0.00 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

Instrument :

BNA_M

ClientSampleId :

0524DL

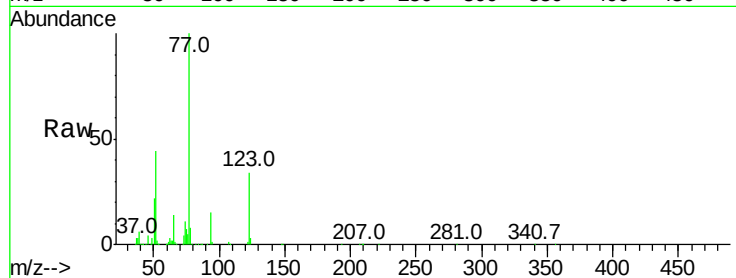
Tot Ion: 77 Resp: 381409

Ion Ratio Lower Upper

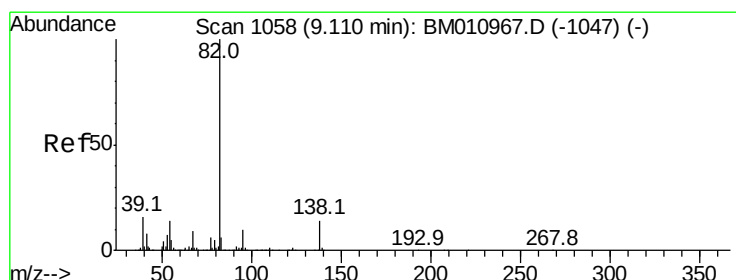
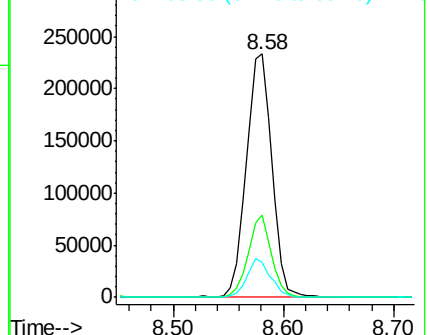
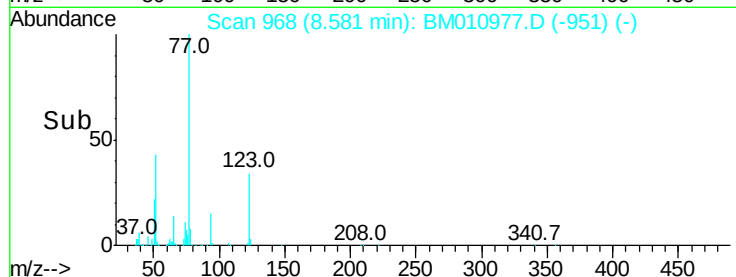
77 100

123 33.7 32.6 49.0

65 14.3 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BM010977.D (-951) (-)



#25

Isophorone

Concen: 20.804 ng

RT: 9.10 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

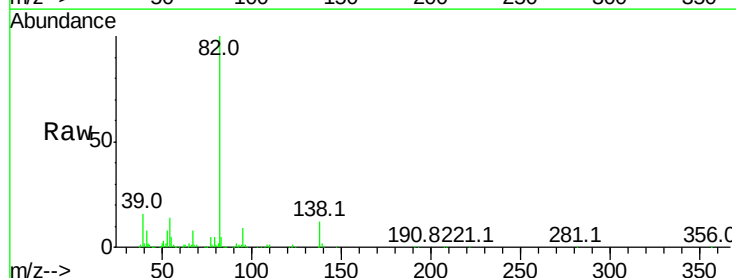
Tgt Ion: 82 Resp: 842950

Ion Ratio Lower Upper

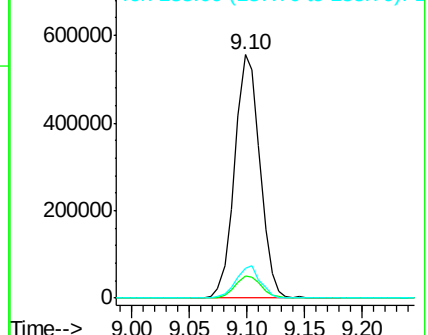
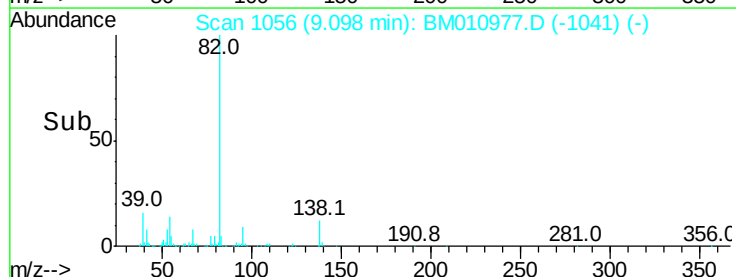
82 100

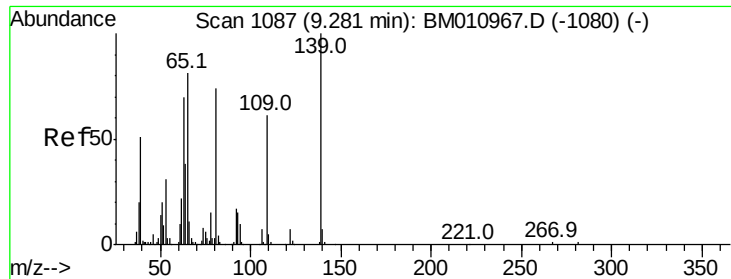
95 8.9 5.8 8.6#

138 12.4 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM010977.D (-1041) (-)

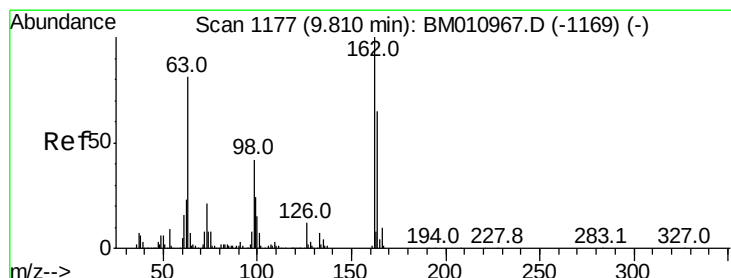
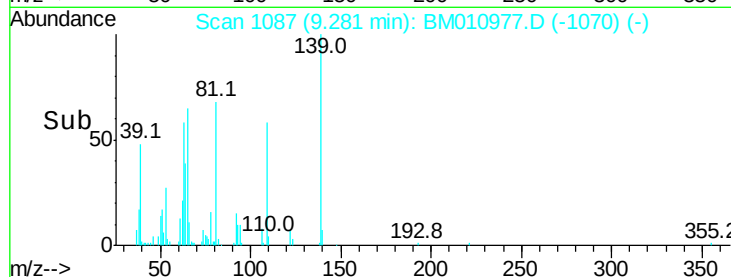
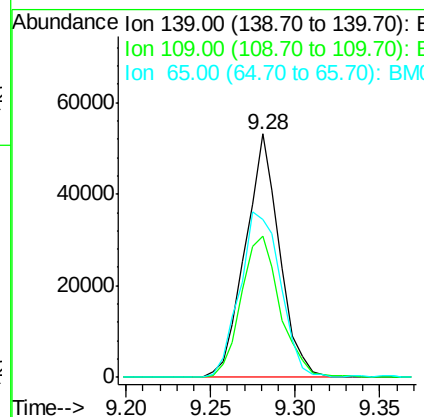
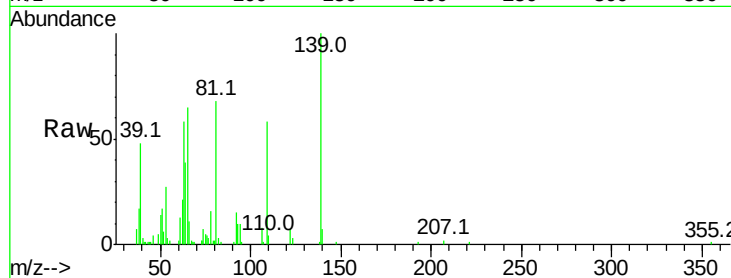




#26
2-Nitrophenol
Concen: 9.363 ng
RT: 9.28 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

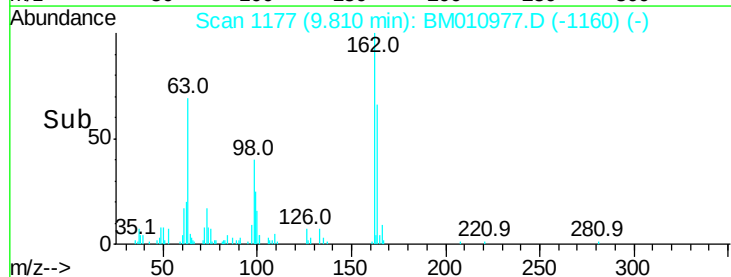
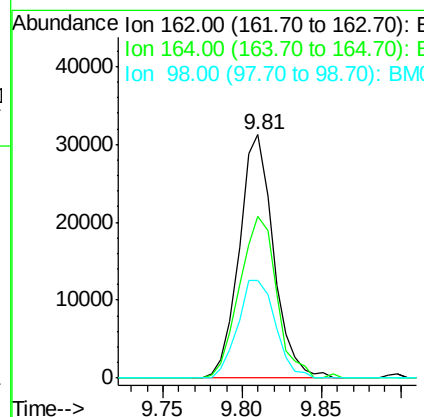
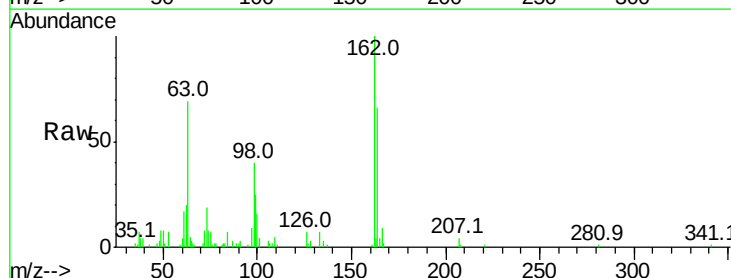
Instrument :
BNA_M
ClientSampleId :
0524DL

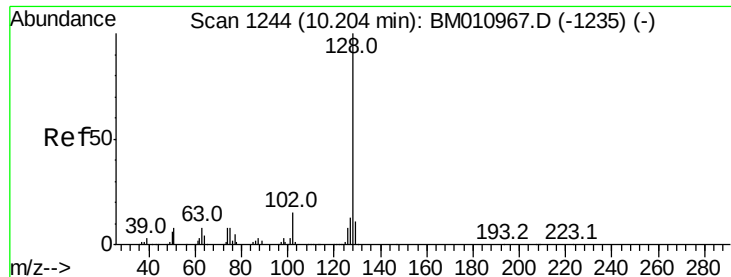
Tot Ion:139 Resp: 75018
Ion Ratio Lower Upper
139 100
109 58.2 20.1 30.1#
65 64.7 31.5 47.3#



#29
2,4-Dichlorophenol
Concen: 2.960 ng
RT: 9.81 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

Tgt Ion:162 Resp: 46921
Ion Ratio Lower Upper
162 100
164 66.4 42.8 82.8
98 39.9 14.5 54.5

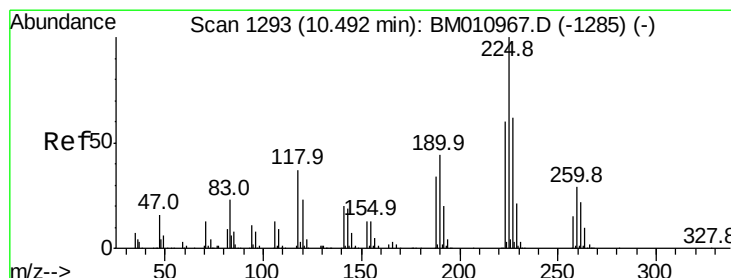
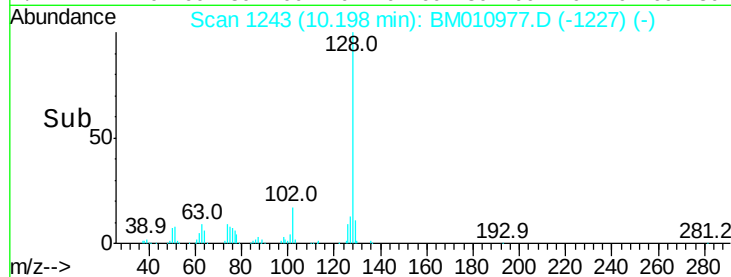
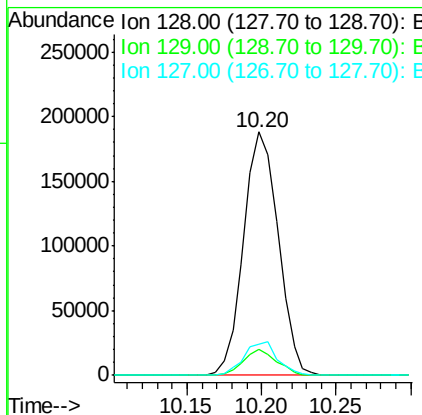
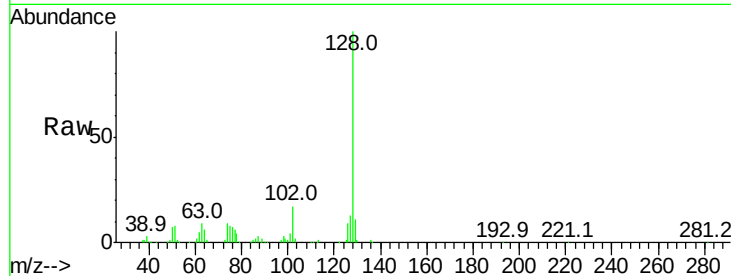




#31
Naphthalene
Concen: 6.611 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

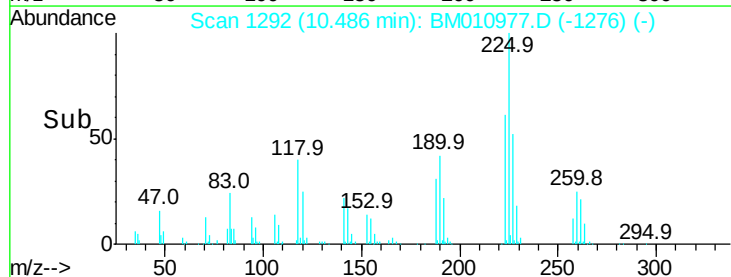
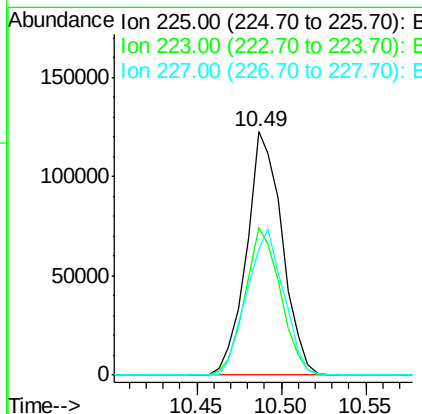
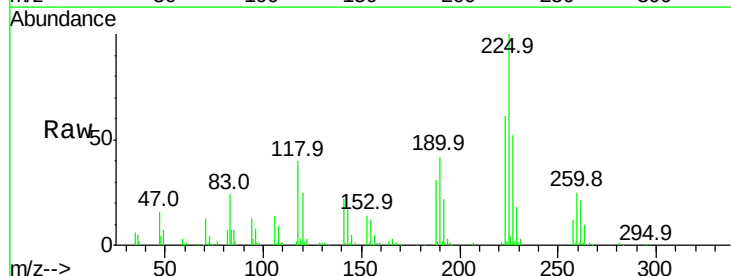
Instrument :
BNA_M
ClientSampleId :
0524DL

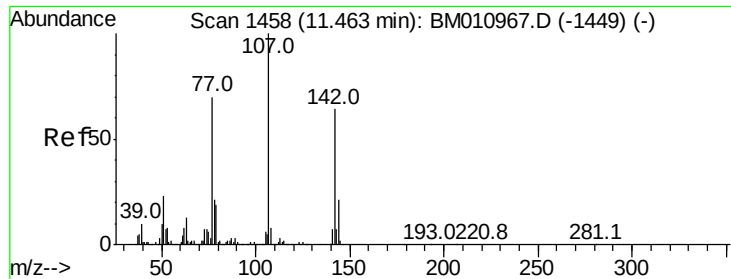
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.9	10.4	15.6



#34
Hexachlorobutadiene
Concen: 11.688 ng
RT: 10.49 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	47.9	71.9
227	51.8	50.1	75.1

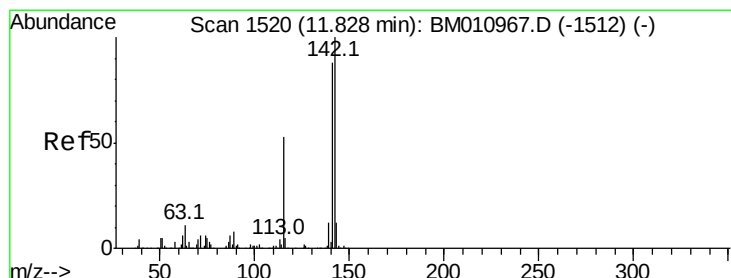
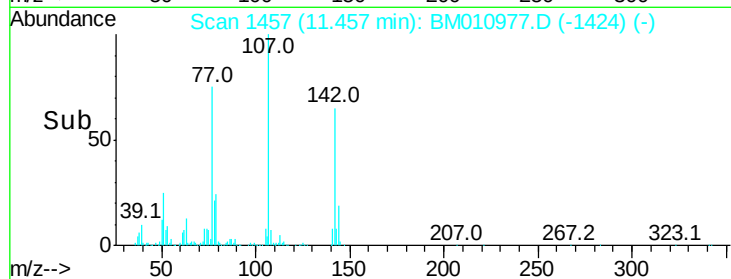
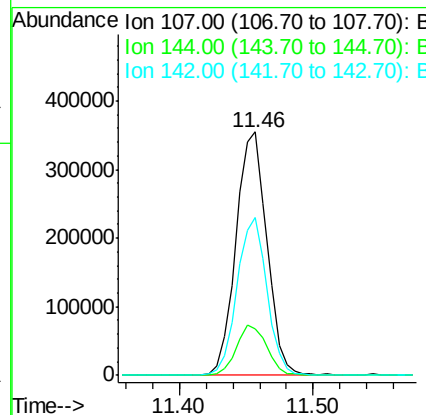
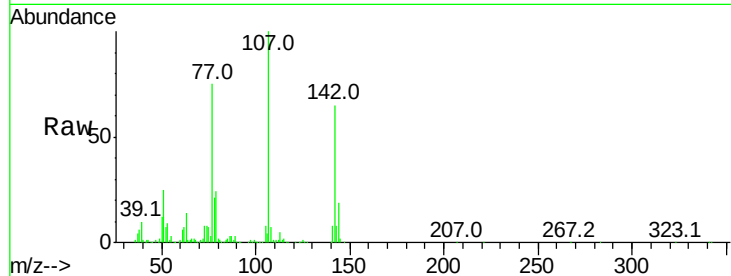




#36
 4-Chloro-3-methylphenol
 Concen: 27.992 ng
 RT: 11.46 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BM010977.D
 Acq: 26 Jul 2017 19:02

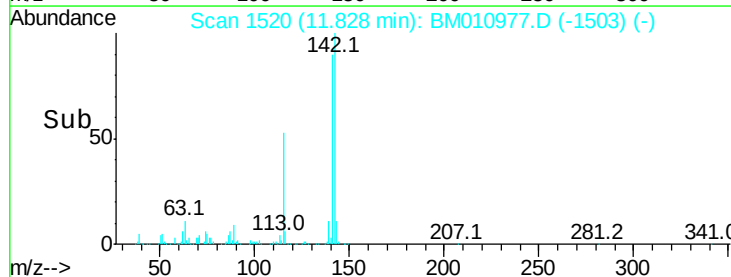
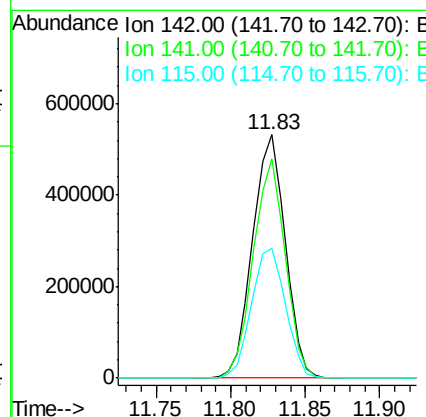
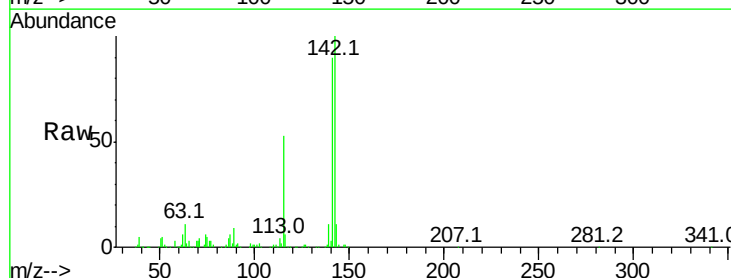
Instrument :
 BNA_M
 ClientSampleId :
 0524DL

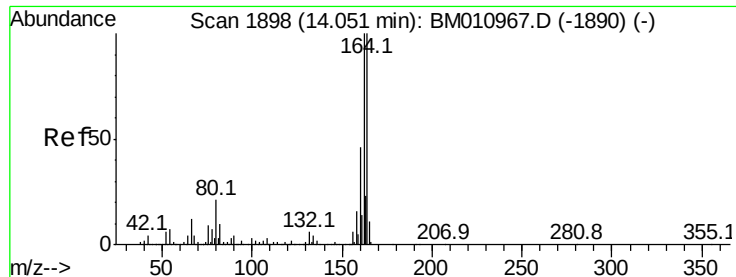
Tot Ion	Ratio	Lower	Upper
107	100		
144	19.1	23.3	34.9#
142	64.7	72.6	109.0#



#37
 2-Methylnaphthalene
 Concen: 23.917 ng
 RT: 11.83 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BM010977.D
 Acq: 26 Jul 2017 19:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
115	53.1	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: BM010977.D

Acq: 26 Jul 2017 19:02

Instrument :

BNA_M

ClientSampleId :

0524DL

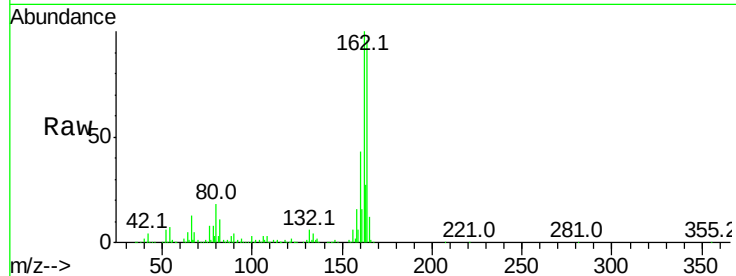
Tot Ion:164 Resp: 650521

Ion Ratio Lower Upper

164 100

162 104.0 82.4 123.6

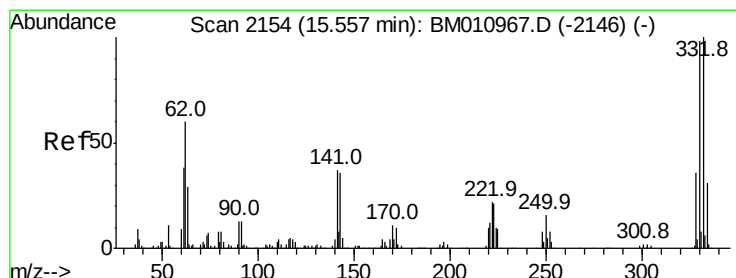
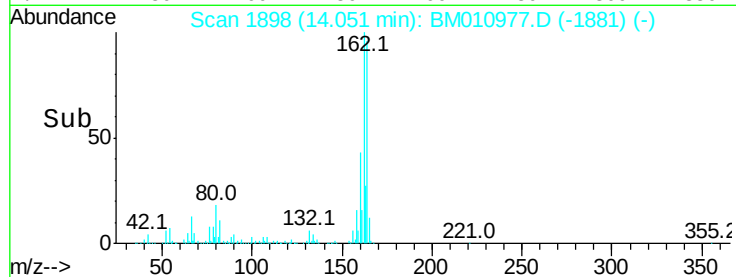
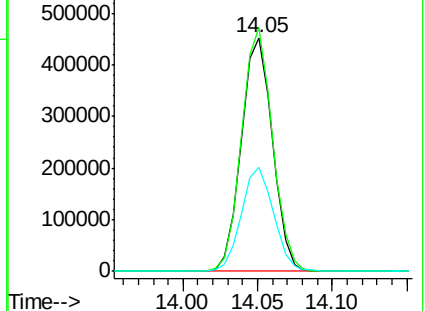
160 44.6 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 23.066 ng

RT: 15.55 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

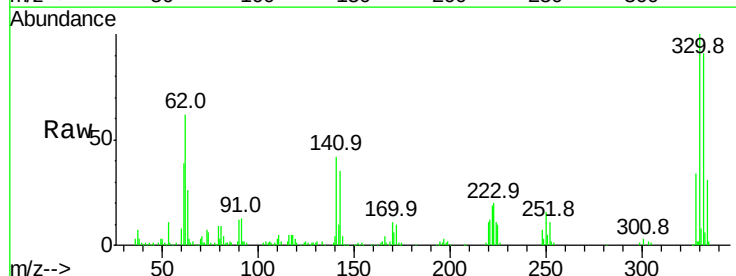
Tgt Ion:330 Resp: 240493

Ion Ratio Lower Upper

330 100

332 92.6 0.0 0.0#

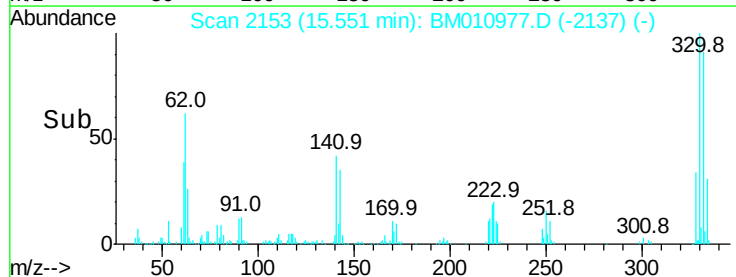
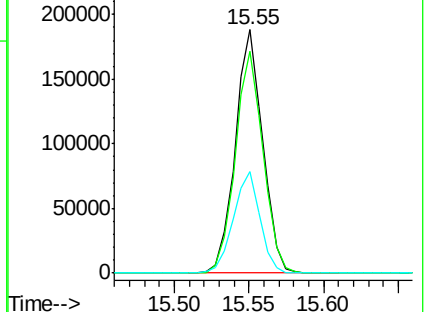
141 40.8 0.0 0.0#

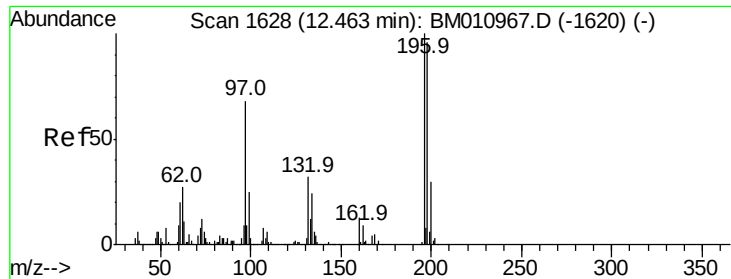


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

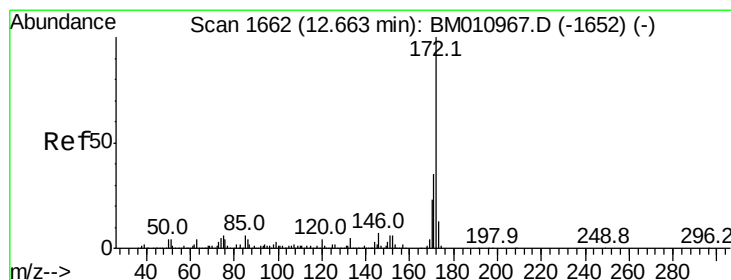
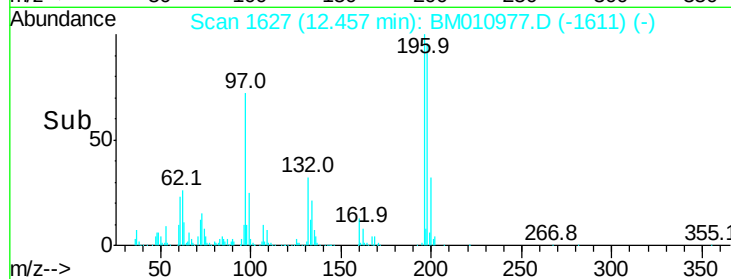
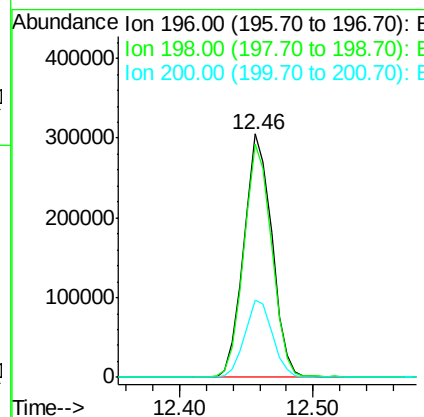
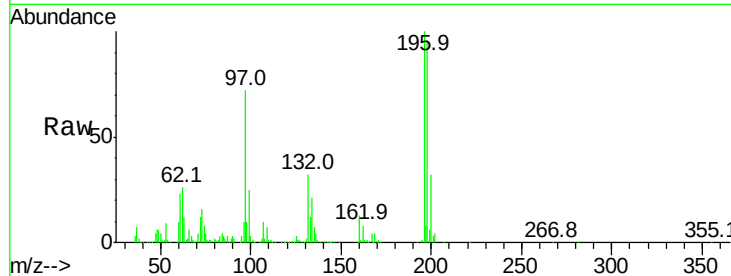




#42
 2,4,6-Trichlorophenol
 Concen: 26.287 ng
 RT: 12.46 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BM010977.D
 Acq: 26 Jul 2017 19:02

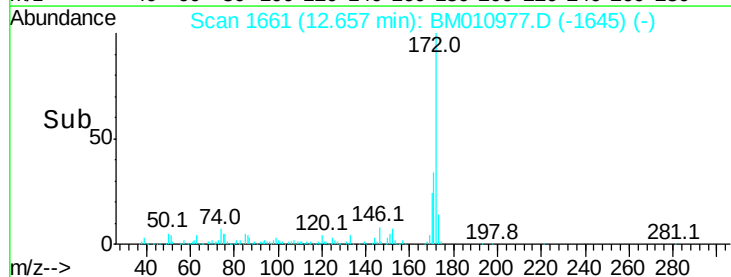
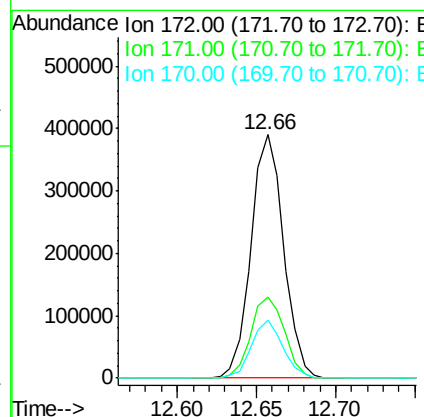
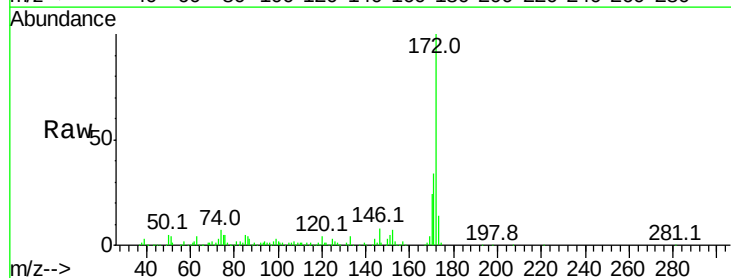
Instrument :
 BNA_M
 ClientSampleId :
 0524DL

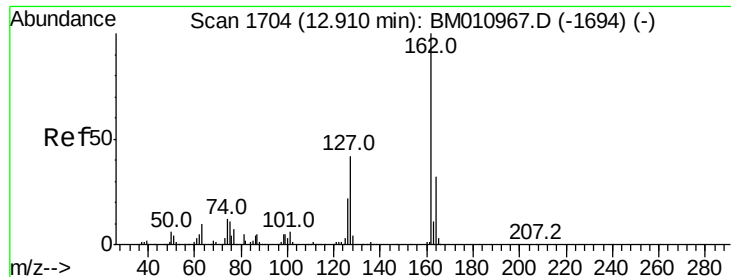
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.3	114.5
200	31.9	25.6	38.4



#44
 2-Fluorobiphenyl
 Concen: 10.752 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM010977.D
 Acq: 26 Jul 2017 19:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.5	42.7
170	23.9	18.8	28.2

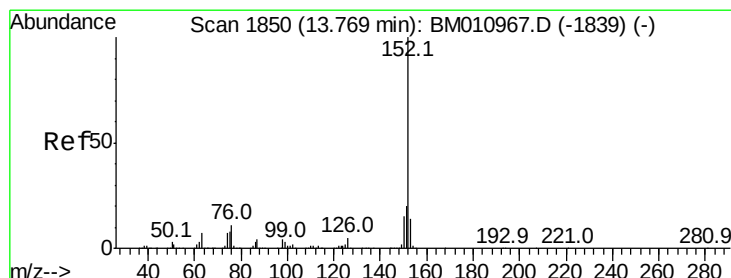
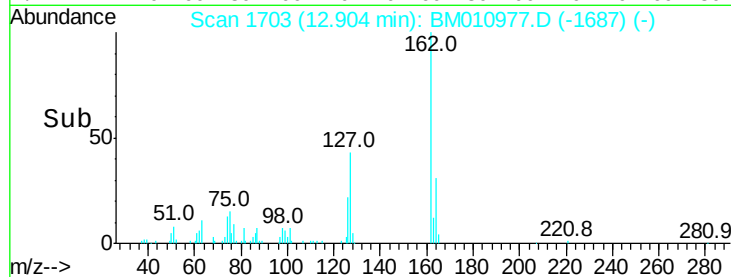
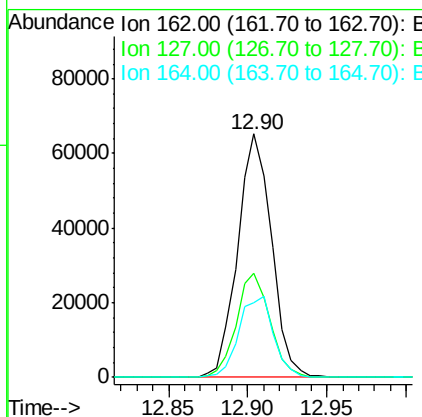
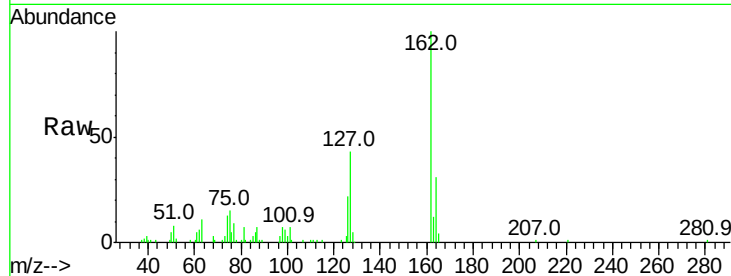




#46
2-Chloronaphthalene
Concen: 2.331 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

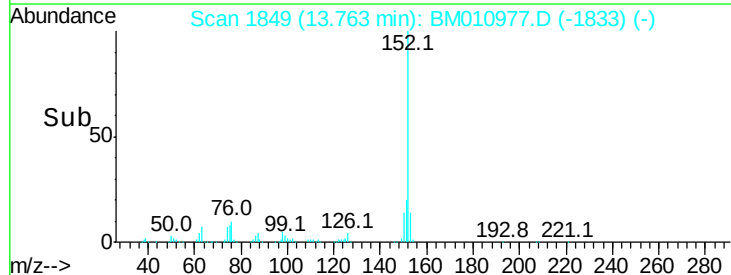
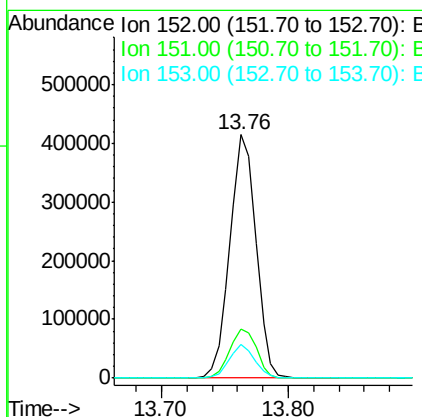
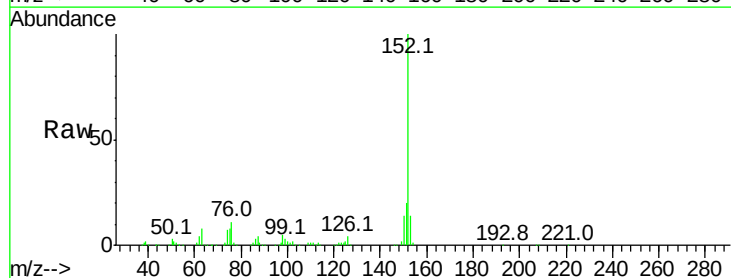
Instrument :
BNA_M
ClientSampleId :
0524DL

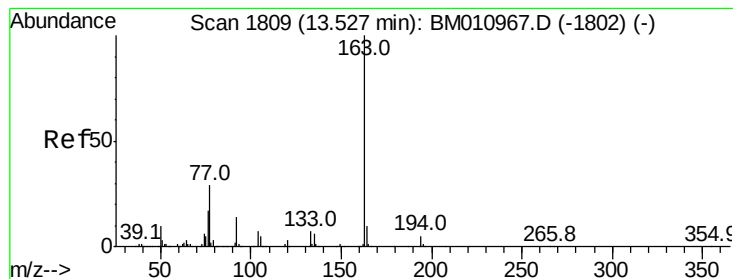
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	26.9	40.3
164	30.9	26.8	40.2



#48
Acenaphthylene
Concen: 9.536 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	14.0	10.6	16.0





#49

Dimethylphthalate

Concen: 39.896 ng

RT: 13.53 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

Instrument :

BNA_M

ClientSampleId :

0524DL

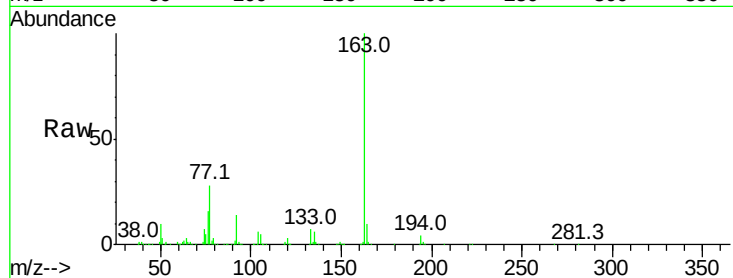
Tot Ion:163 Resp: 2220165

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

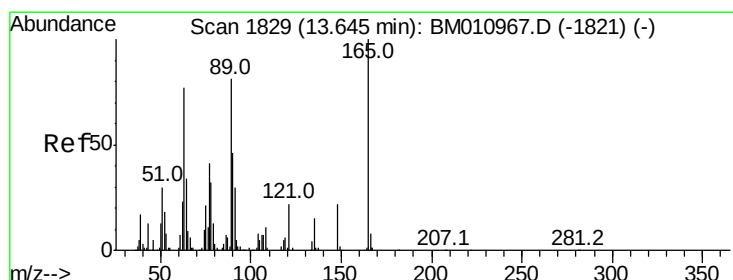
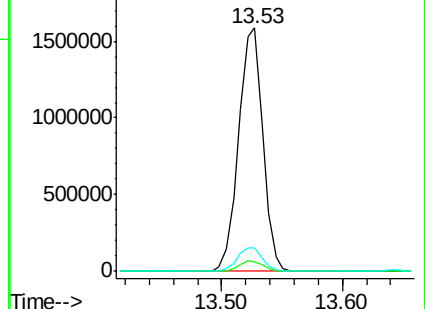
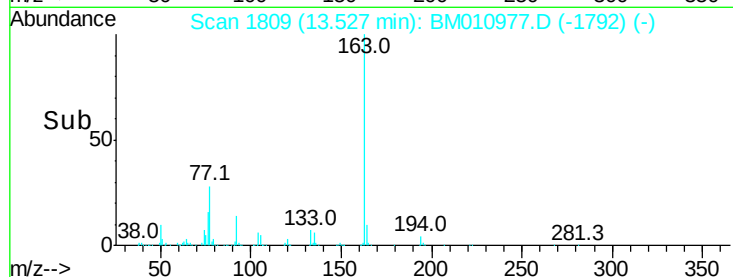
164 9.7 8.2 12.2



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: 37.815 ng

RT: 13.64 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

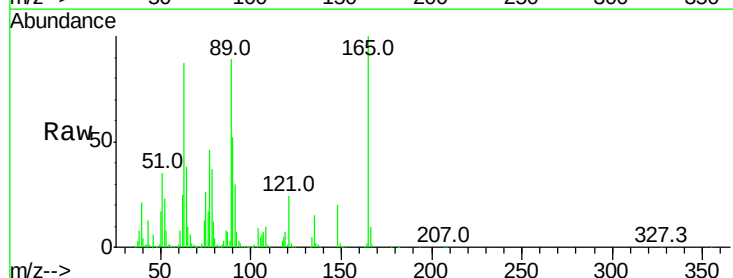
Tgt Ion:165 Resp: 425545

Ion Ratio Lower Upper

165 100

63 87.3 44.1 66.1#

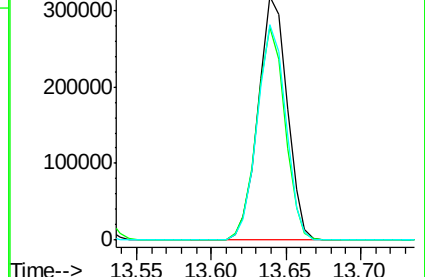
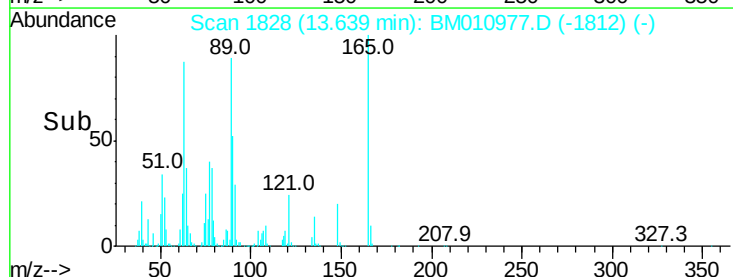
89 88.6 44.3 66.5#

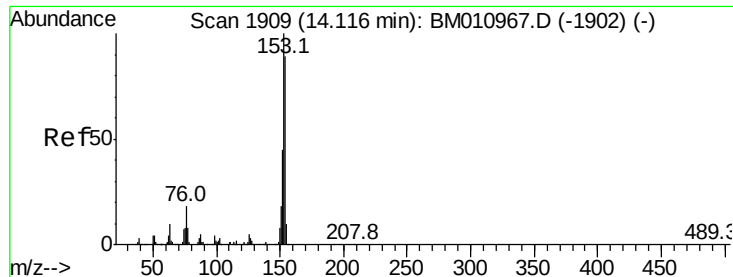


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 19.797 ng

RT: 14.12 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

Instrument :

BNA_M

ClientSampleId :

0524DL

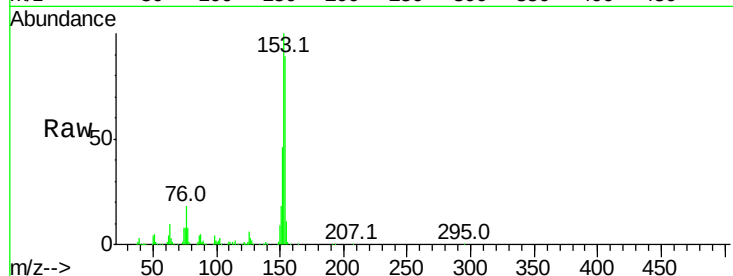
Tot Ion:154 Resp: 758169

Ion Ratio Lower Upper

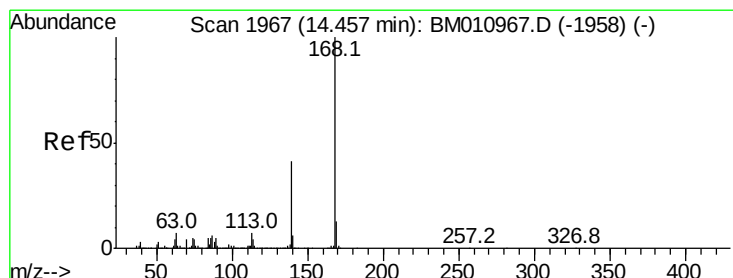
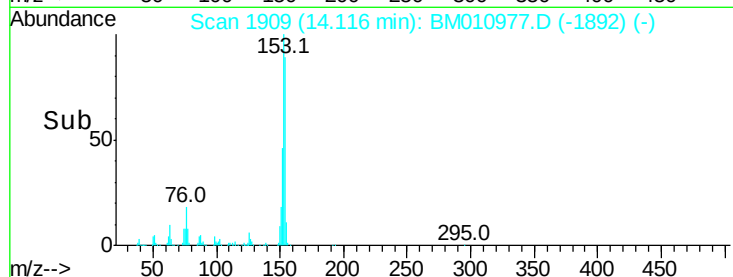
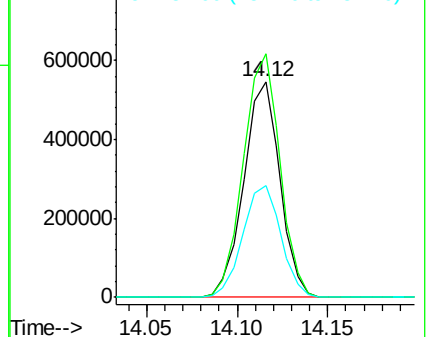
154 100

153 112.8 90.0 135.0

152 52.0 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: 30.371 ng

RT: 14.45 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

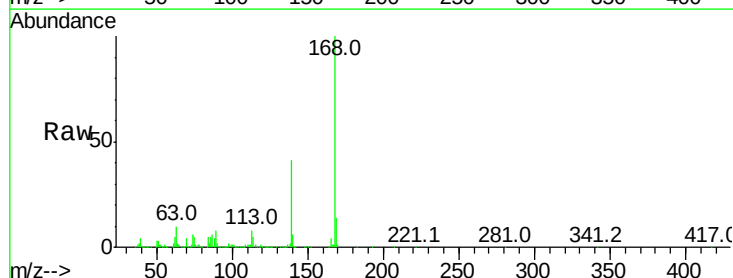
Tgt Ion:168 Resp: 1884605

Ion Ratio Lower Upper

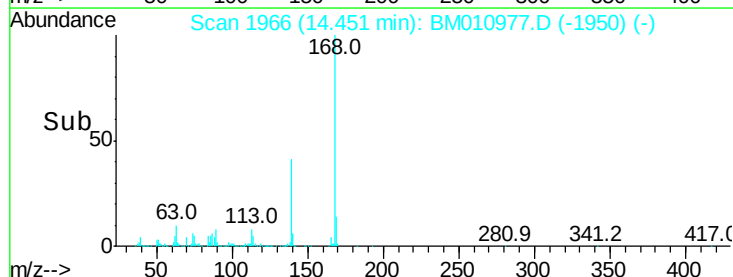
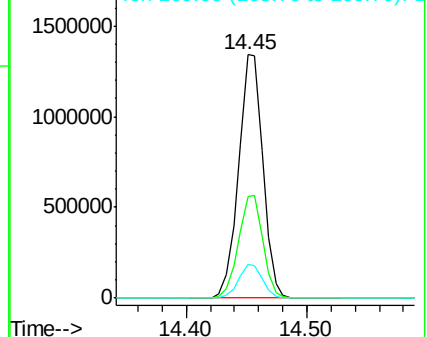
168 100

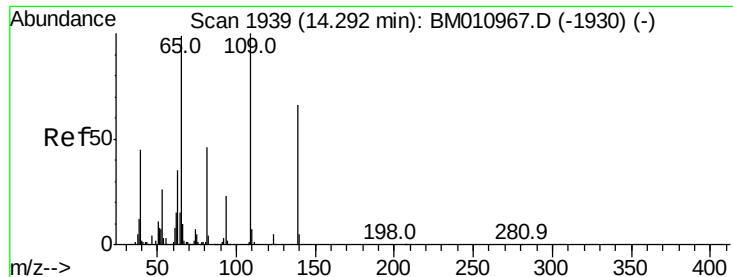
139 41.5 27.3 40.9#

169 13.9 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

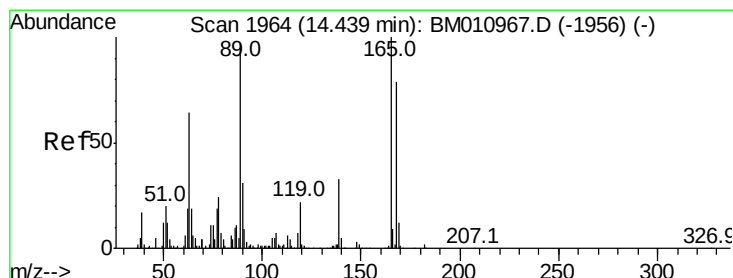
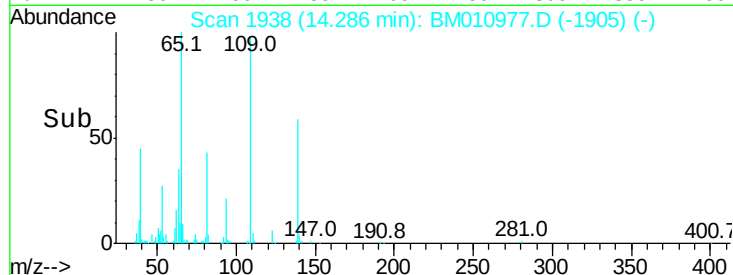
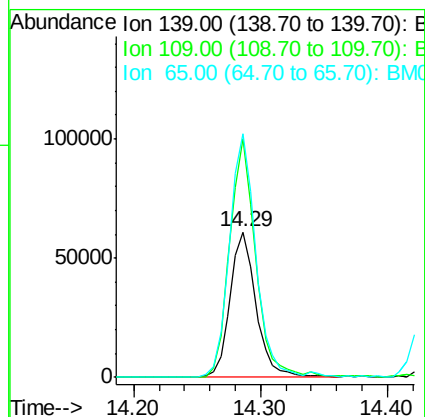
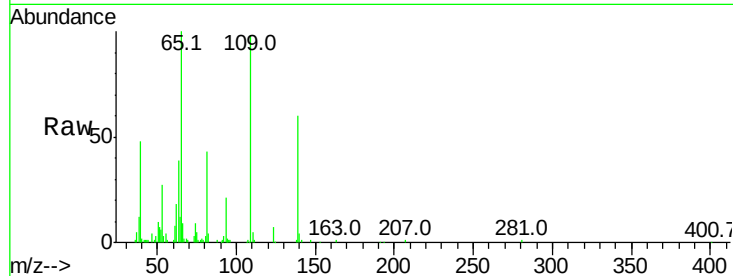




#55
4-Nitrophenol
Concen: 10.054 ng
RT: 14.29 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

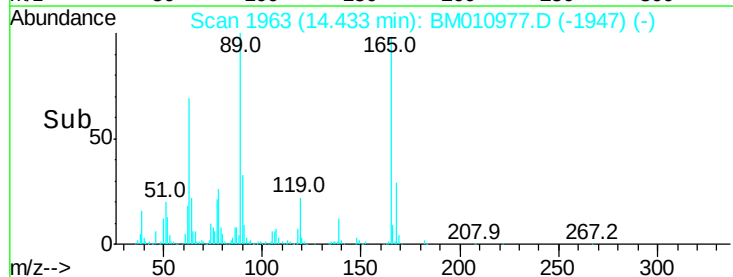
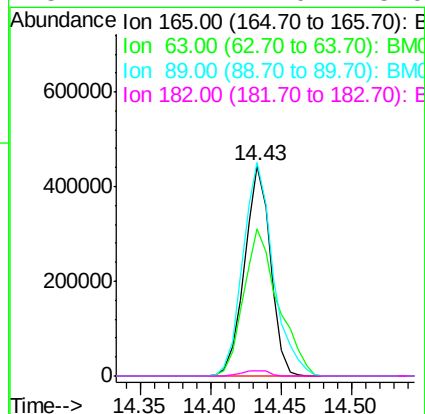
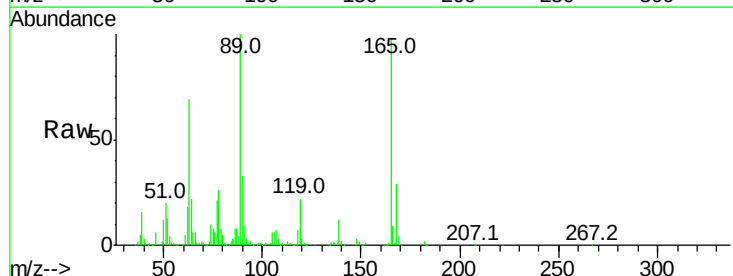
Instrument :
BNA_M
ClientSampleId :
0524DL

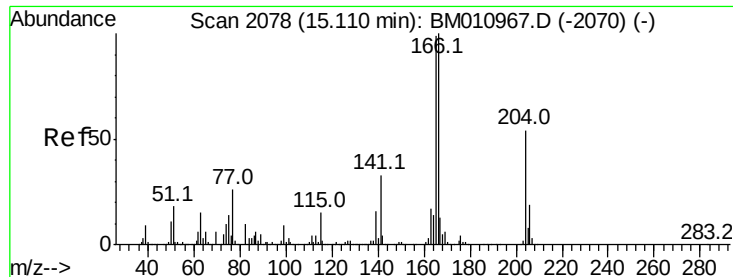
Tot Ion:139 Resp: 86258
Ion Ratio Lower Upper
139 100
109 163.9 130.0 170.0
65 167.5 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 35.992 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

Tgt Ion:165 Resp: 568613
Ion Ratio Lower Upper
165 100
63 70.0 52.4 78.6
89 101.6 72.4 108.6
182 2.4 2.0 3.0

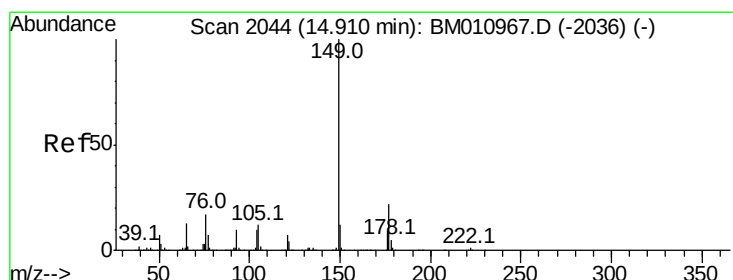
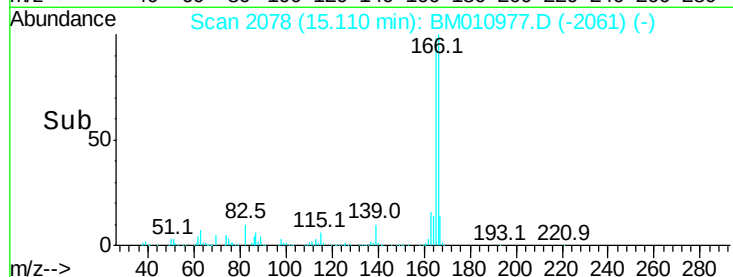
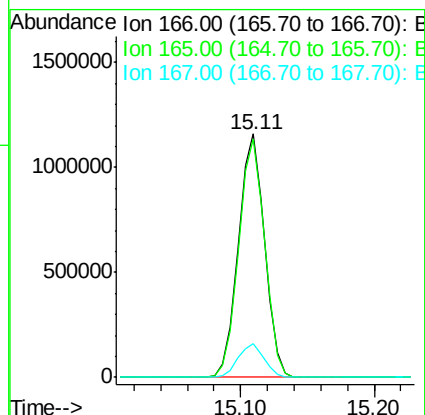
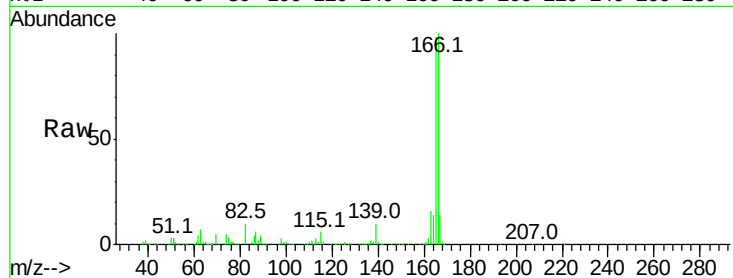




#57
 Fluorene
 Concen: 29.104 ng
 RT: 15.11 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BM010977.D
 Acq: 26 Jul 2017 19:02

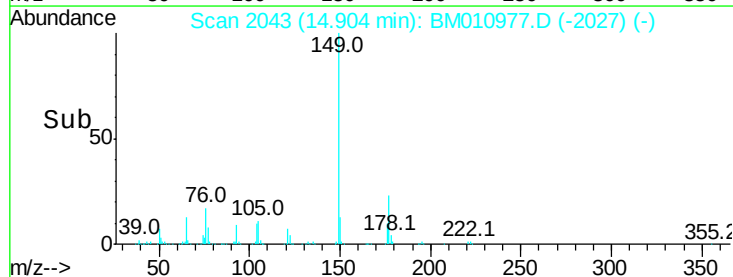
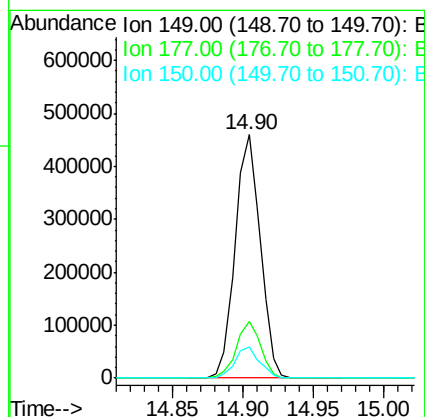
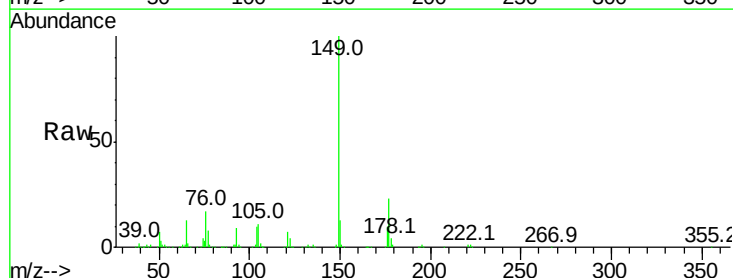
Instrument :
 BNA_M
 ClientSampleID :
 0524DL

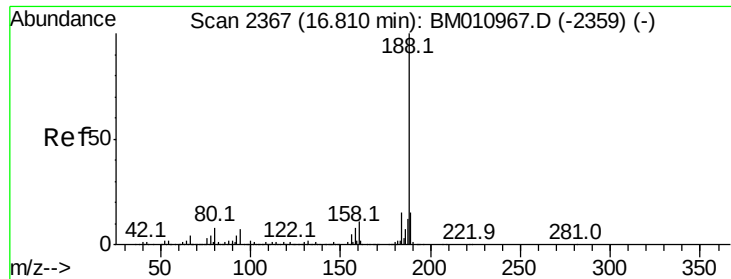
Tot Ion:166 Resp: 1572420
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.0 118.4
 167 13.8 10.3 15.5



#59
 Diethylphthalate
 Concen: 10.009 ng
 RT: 14.90 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BM010977.D
 Acq: 26 Jul 2017 19:02

Tgt Ion:149 Resp: 568826
 Ion Ratio Lower Upper
 149 100
 177 23.2 18.3 27.5
 150 12.6 9.8 14.8

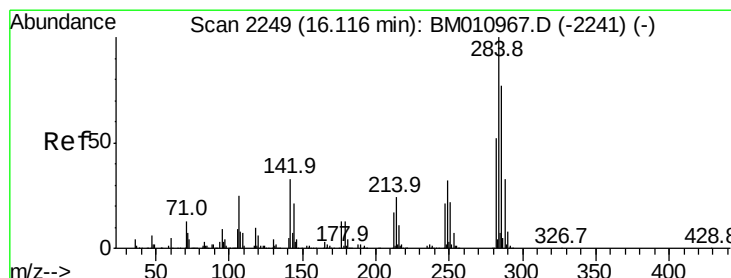
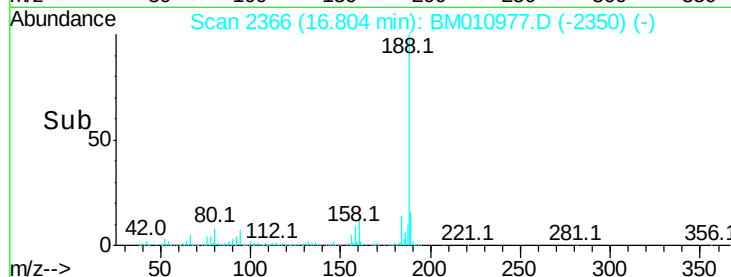
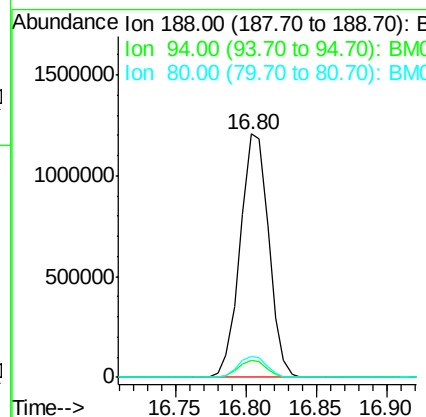
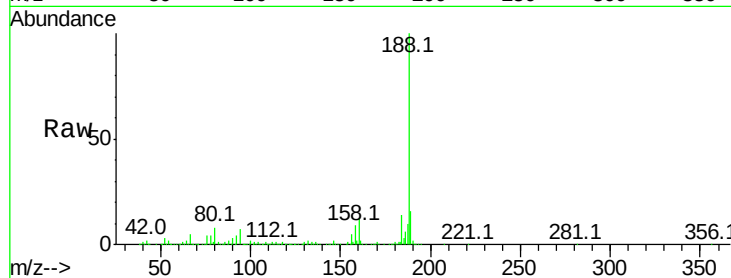




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

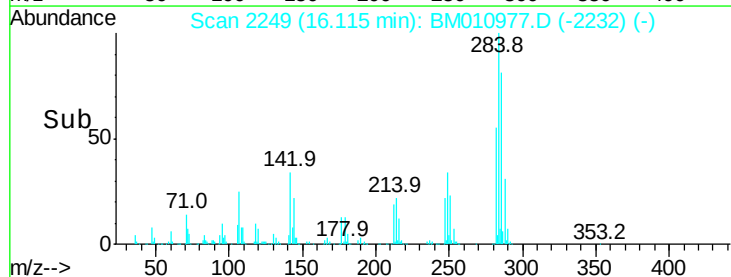
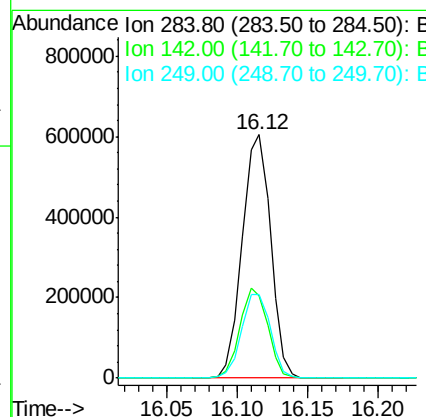
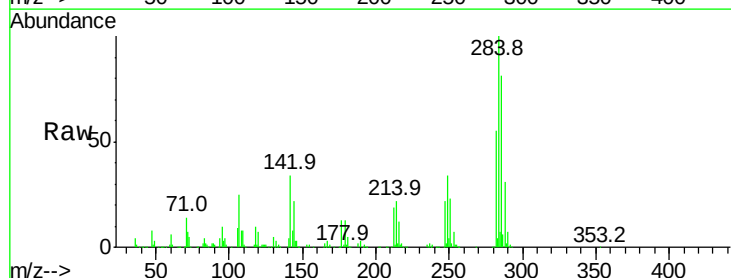
Instrument :
BNA_M
ClientSampleId :
0524DL

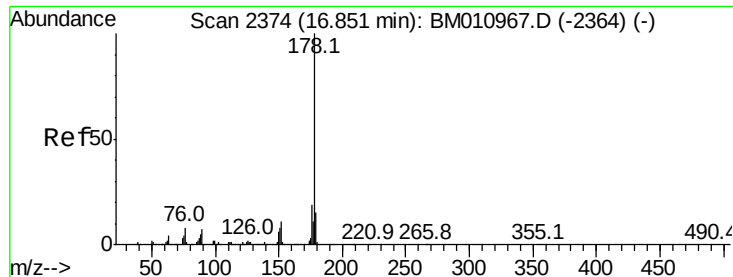
Tot Ion:188 Resp: 1704274
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 8.3 9.3 13.9#



#67
Hexachlorobenzene
Concen: 34.428 ng
RT: 16.12 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

Tgt Ion:284 Resp: 852351
Ion Ratio Lower Upper
284 100
142 33.8 20.4 30.6#
249 34.3 23.8 35.6





#70

Phenanthrene

Concen: 38.112 ng

RT: 16.85 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

Instrument :

BNA_M

ClientSampleId :

0524DL

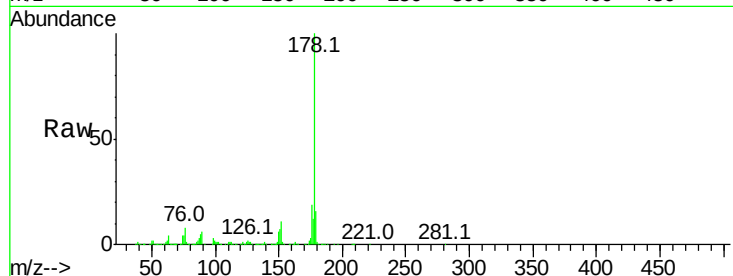
Tot Ion:178 Resp: 3401093

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

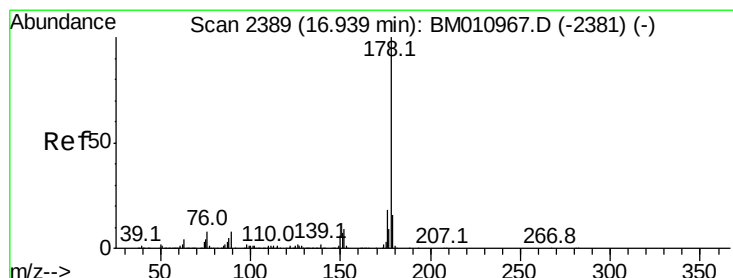
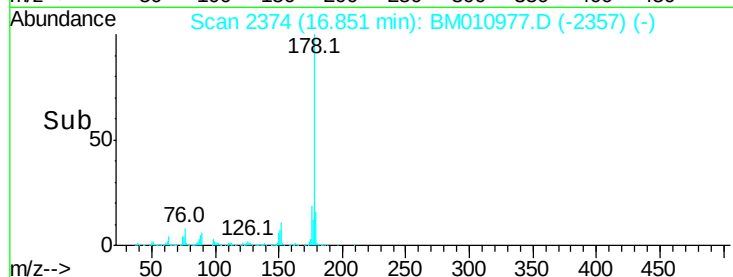
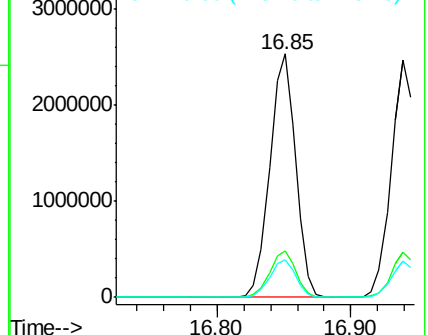
179 15.6 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 36.084 ng

RT: 16.94 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

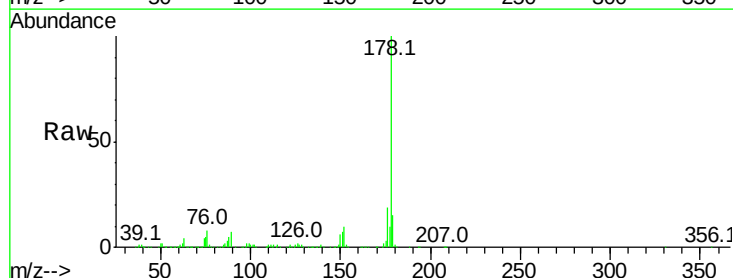
Tgt Ion:178 Resp: 3211467

Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

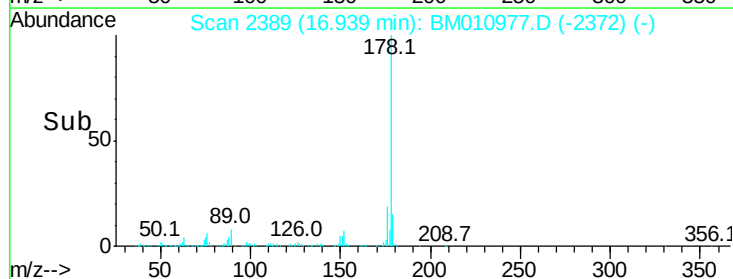
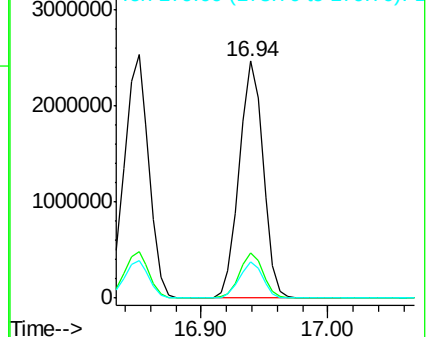
179 15.3 12.6 19.0

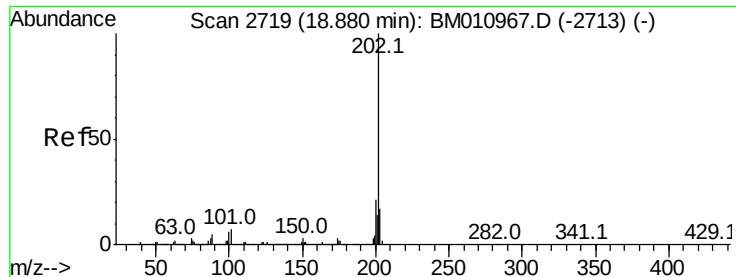


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

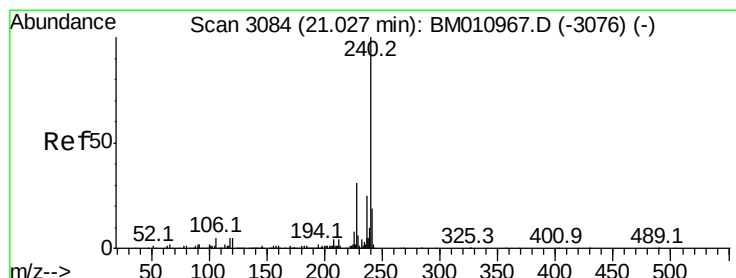
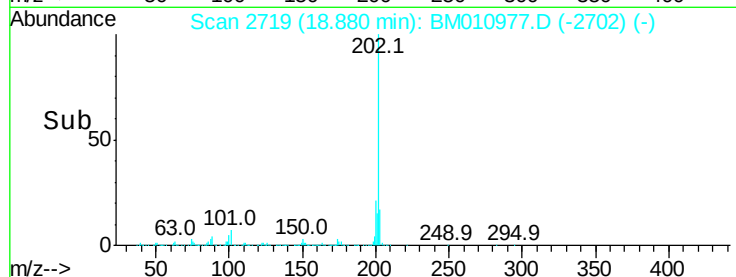
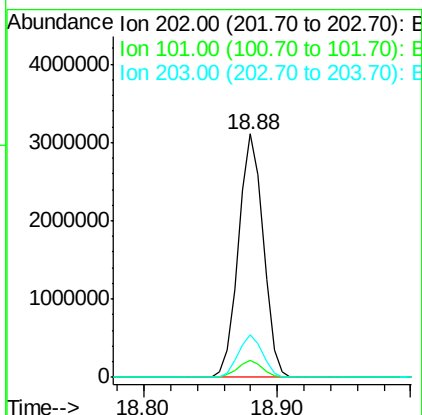
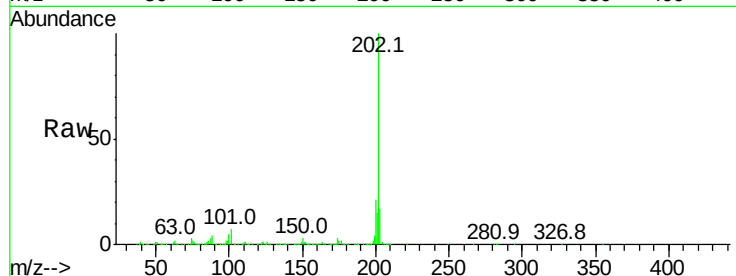




#74
Fluoranthene
Concen: 36.230 ng
RT: 18.88 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

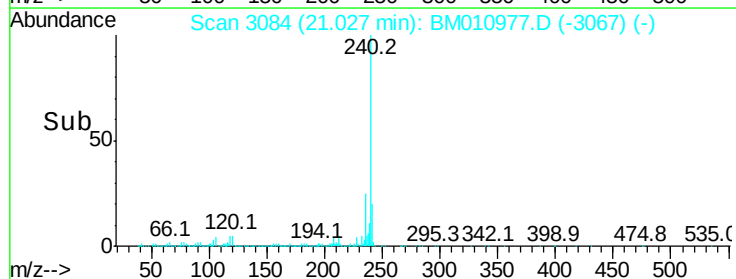
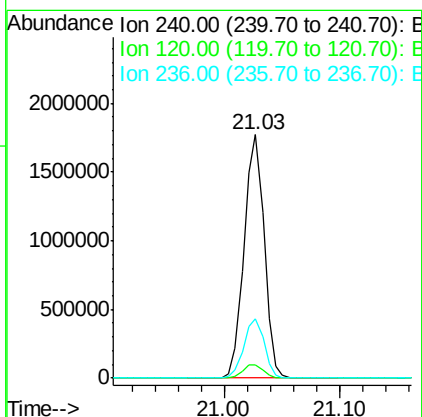
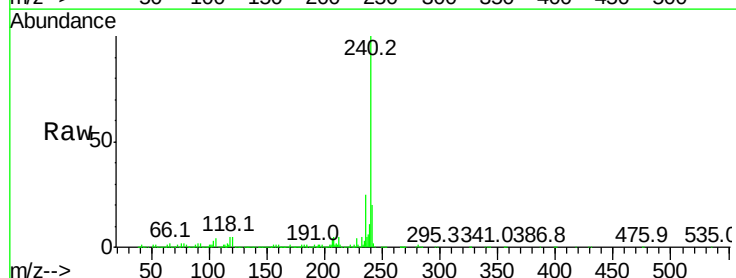
Instrument :
BNA_M
ClientSampleId :
0524DL

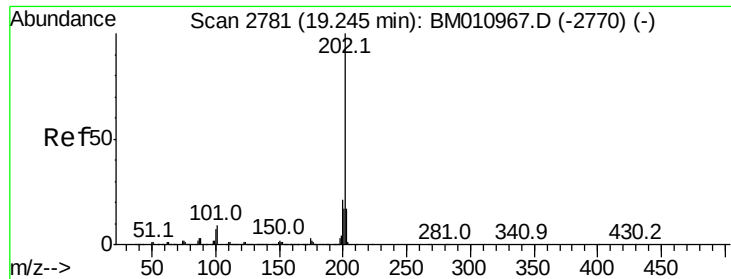
Tot Ion:202 Resp: 4006674
Ion Ratio Lower Upper
202 100
101 6.9 0.0 28.7
203 17.3 0.0 37.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3084
Delta R.T. -0.00 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

Tgt Ion:240 Resp: 2140771
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 24.6 20.0 30.0





#77

Pvrene

Concen: 22.449 ng

RT: 19.24 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

Instrument :

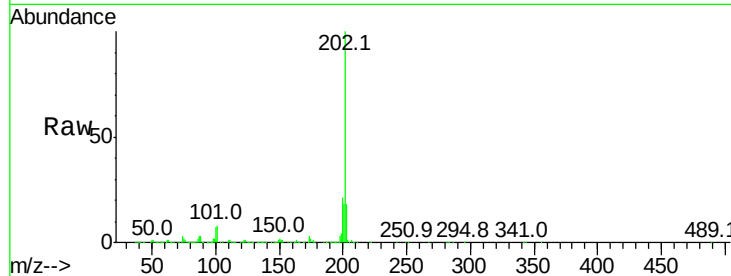
BNA_M

ClientSampleId :

0524DL

Tot Ion:202 Resp: 2855609

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.8	14.1	21.1

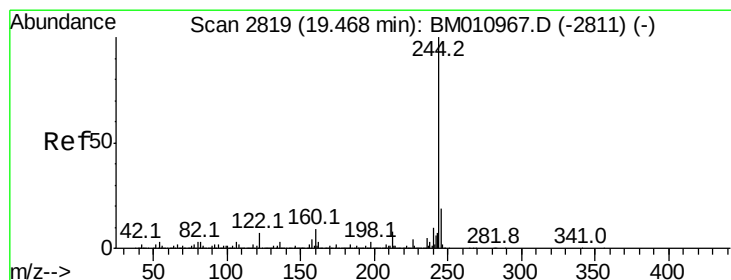
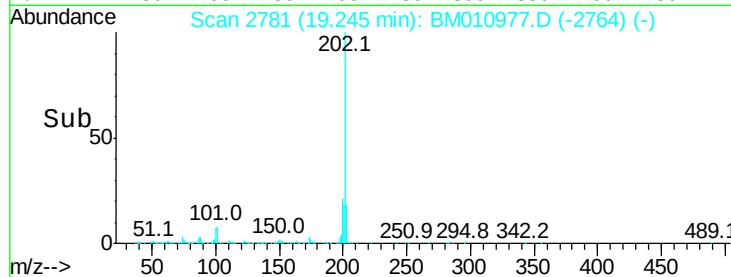
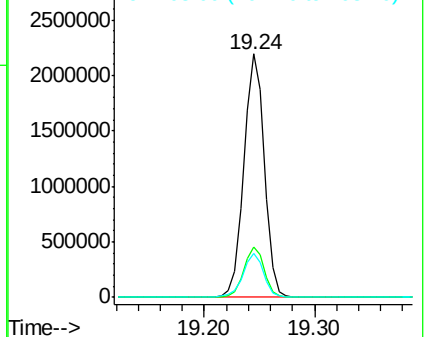


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 13.912 ng

RT: 19.47 min Scan# 2819

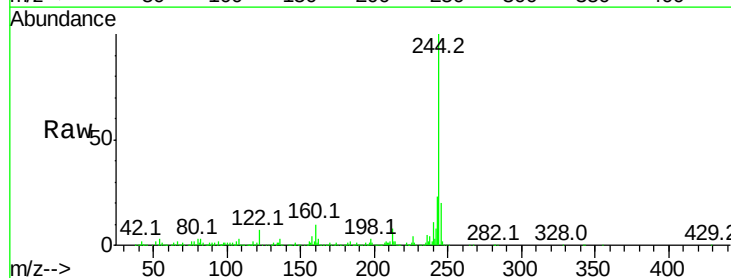
Delta R.T. -0.00 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

Tgt Ion:244 Resp: 1503460

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	6.9	6.2	9.4

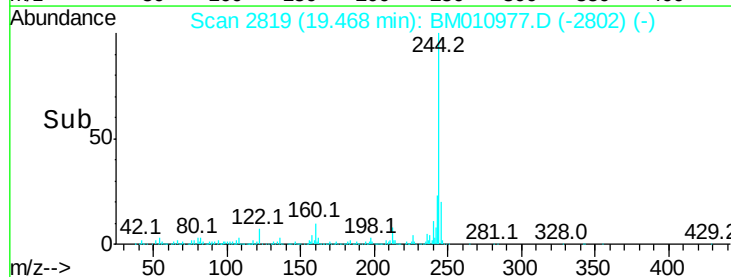
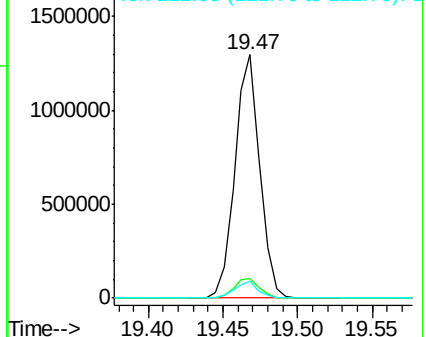


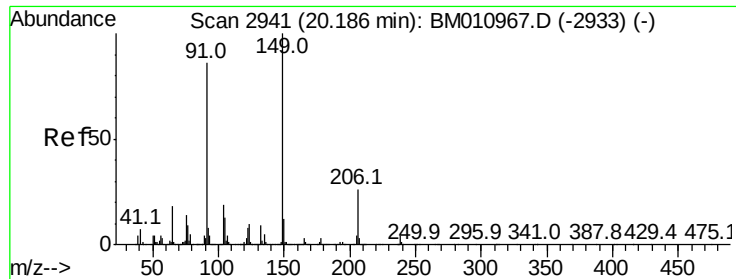
Abundance

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

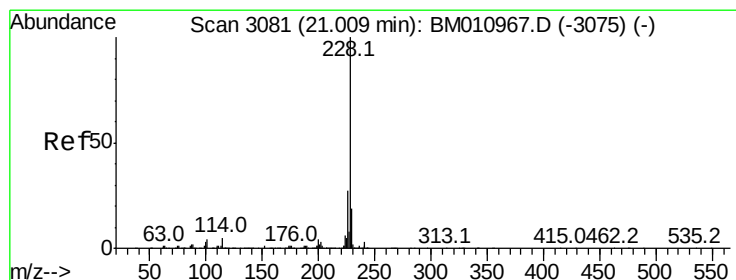
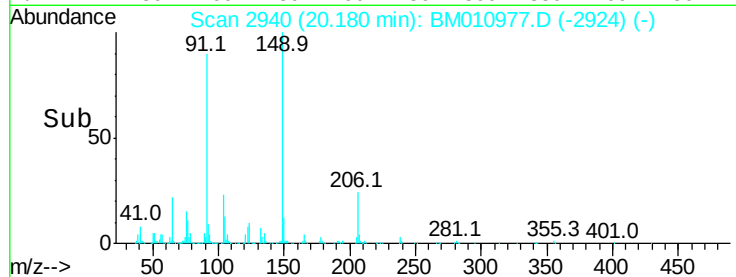
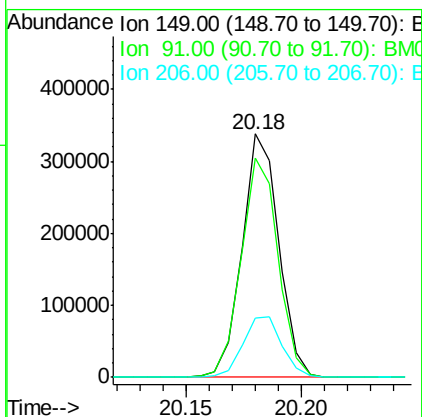
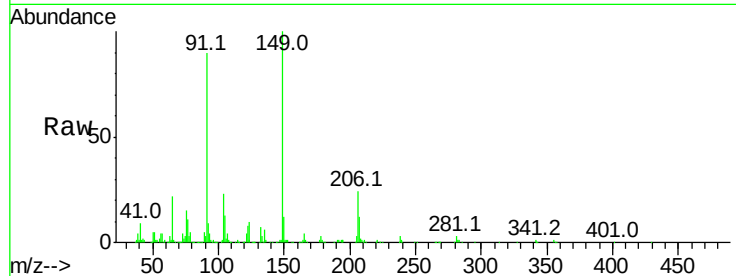




#79
Butylbenzylphthalate
Concen: 8.320 ng
RT: 20.18 min Scan# 2940
Delta R.T. -0.01 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

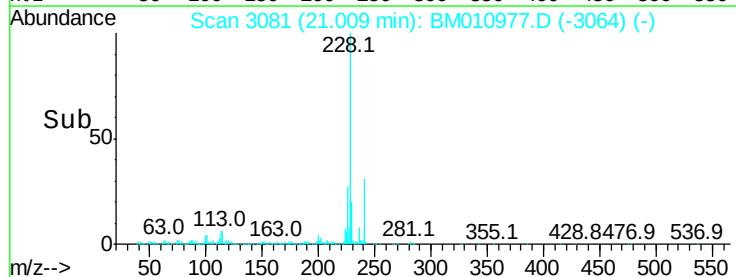
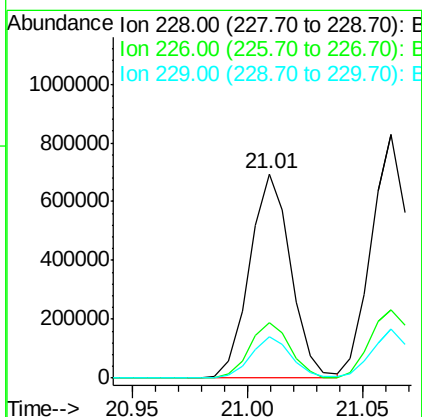
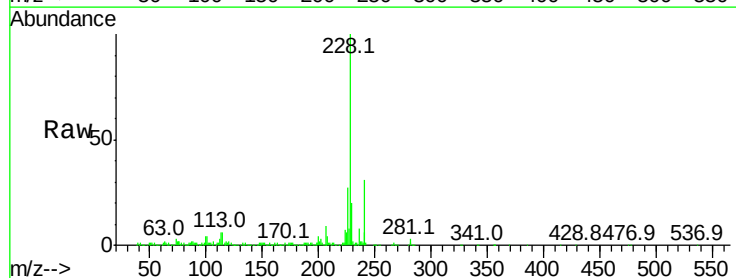
Instrument :
BNA_M
ClientSampleID :
0524DL

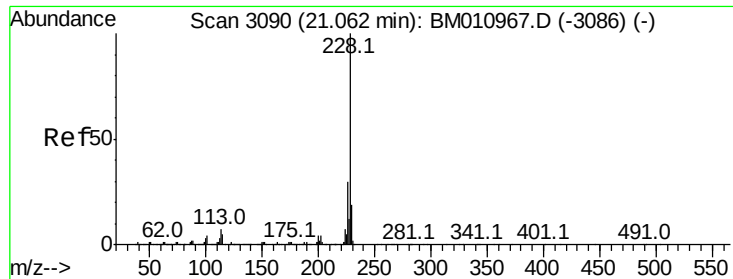
Tot Ion	Ratio	Lower	Upper
149	100		
91	89.9	50.1	75.1#
206	24.3	16.2	24.2#



#80
Benzo(a)anthracene
Concen: 7.067 ng
RT: 21.01 min Scan# 3081
Delta R.T. -0.00 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	20.3	16.0	24.0





#82

Chrysene

Concen: 8.074 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

Instrument :

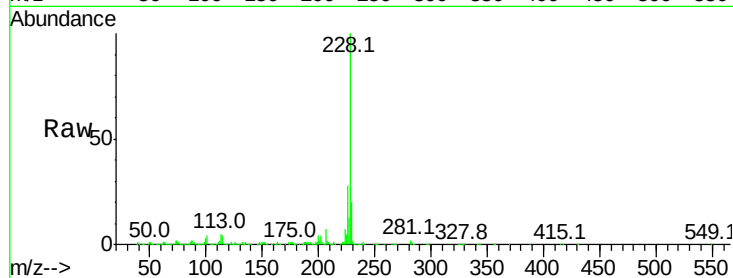
BNA_M

ClientSampleId :

0524DL

Tot Ion:228 Resp: 947387

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.1	36.1
229	20.2	15.5	23.3



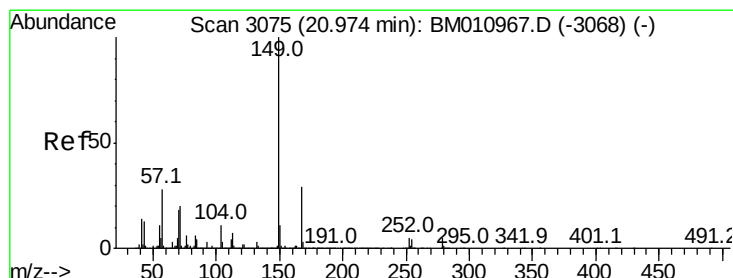
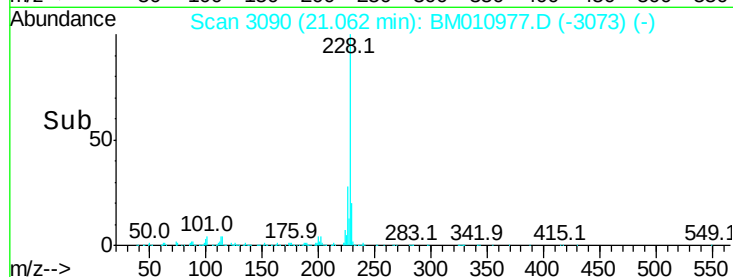
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.06

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.537 ng

RT: 20.97 min Scan# 3075

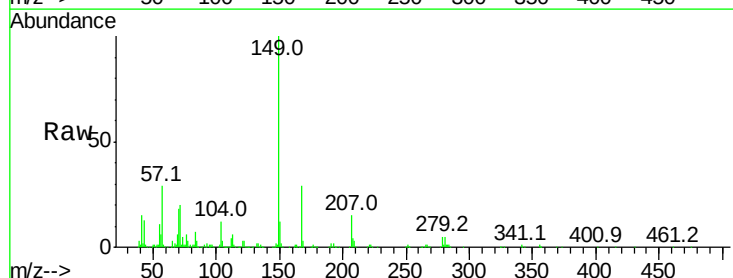
Delta R.T. -0.00 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

Tgt Ion:149 Resp: 368473

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.4	33.6
279	5.2	3.4	5.0#



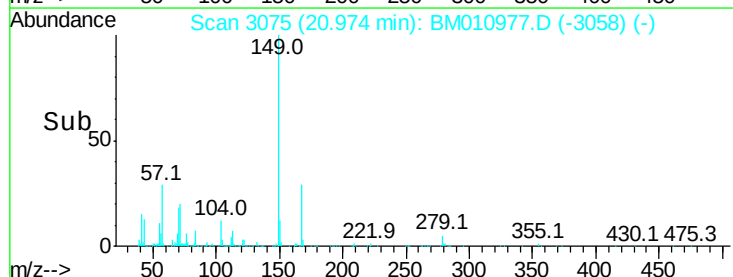
Abundance Ion 149.00 (148.70 to 149.70): E

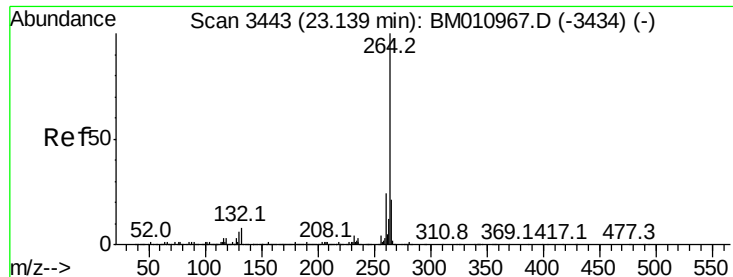
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

20.97

Time-->

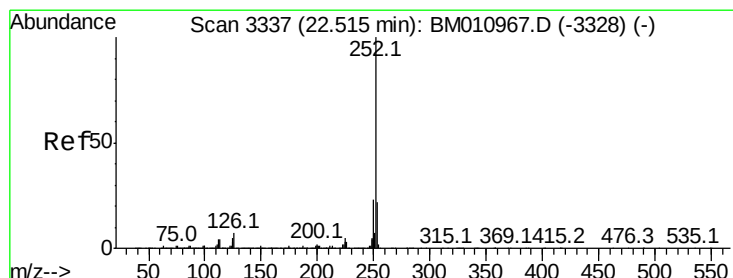
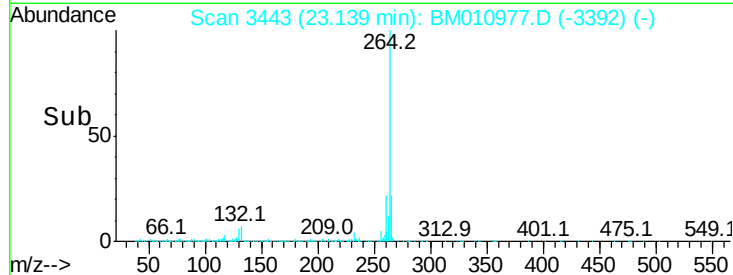
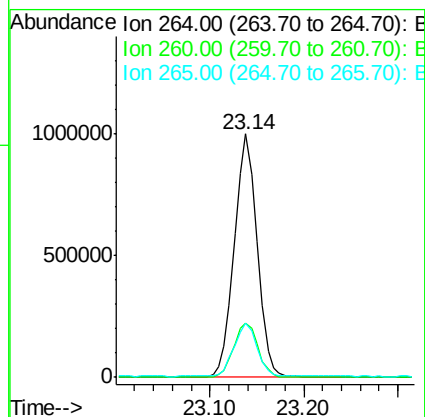
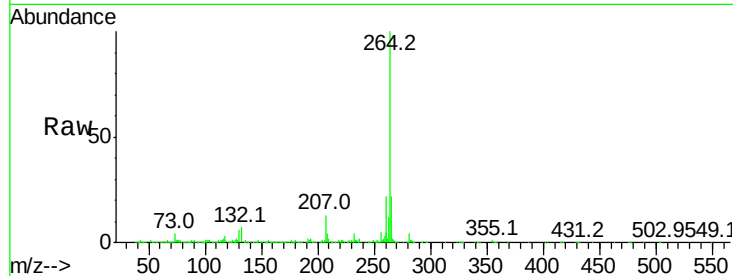




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.14 min Scan# 3443
Delta R.T. -0.00 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

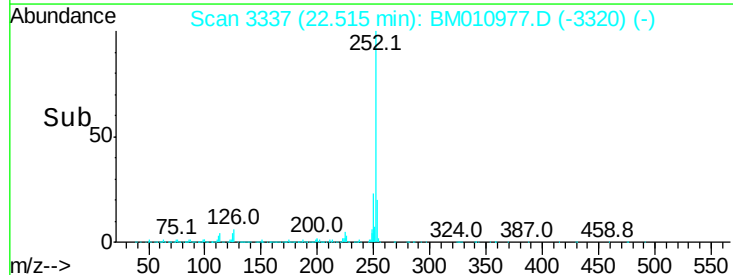
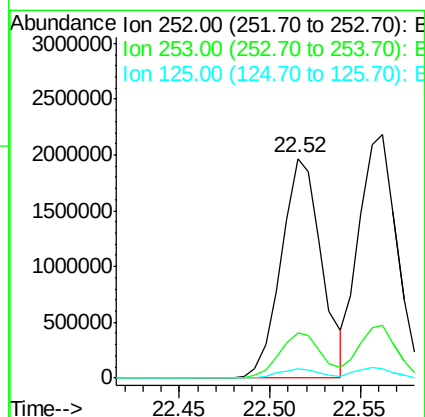
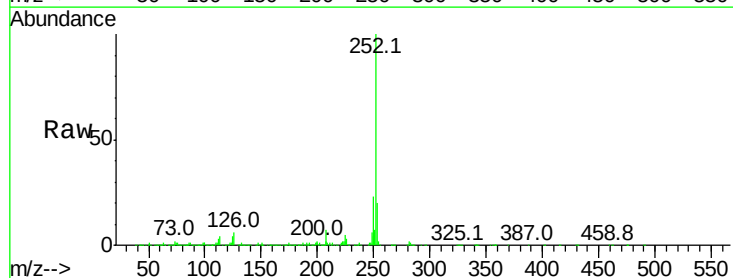
Instrument :
BNA_M
ClientSampleId :
0524DL

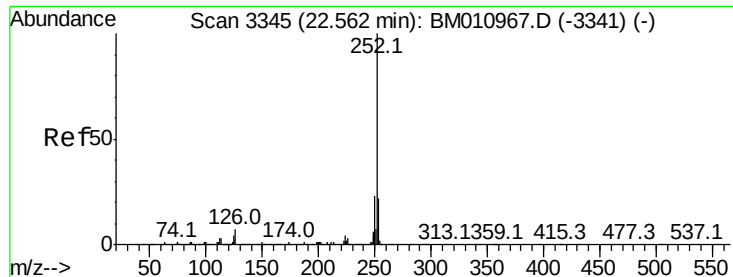
Tot Ion:264 Resp: 1691279
Ion Ratio Lower Upper
264 100
260 22.5 18.6 27.8
265 22.2 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 28.269 ng
RT: 22.52 min Scan# 3337
Delta R.T. -0.00 min
Lab File: BM010977.D
Acq: 26 Jul 2017 19:02

Tgt Ion:252 Resp: 3068525
Ion Ratio Lower Upper
252 100
253 20.3 18.0 27.0
125 4.3 9.9 14.9#





#88

Benzo(k)fluoranthene

Concen: 30.556 ng

RT: 22.56 min Scan# 3345

Delta R.T. -0.00 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

Instrument :

BNA_M

ClientSampleID :

0524DL

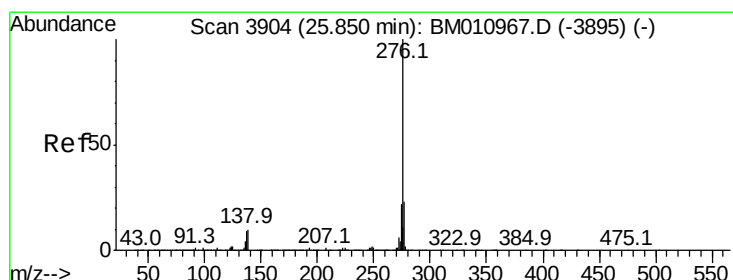
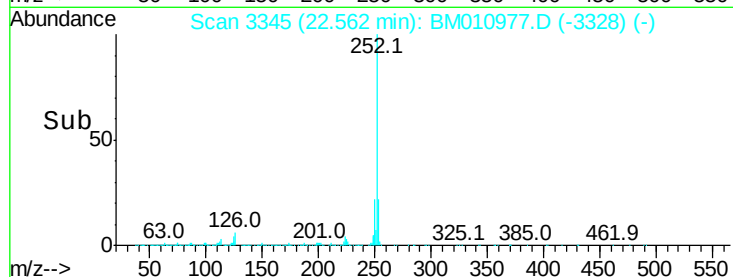
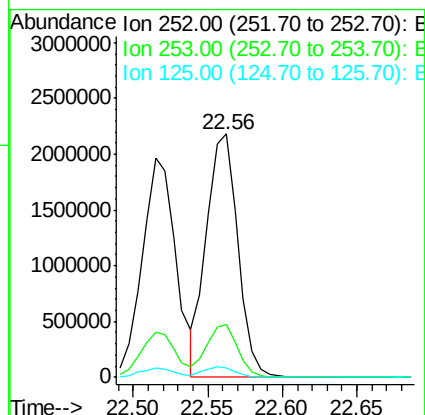
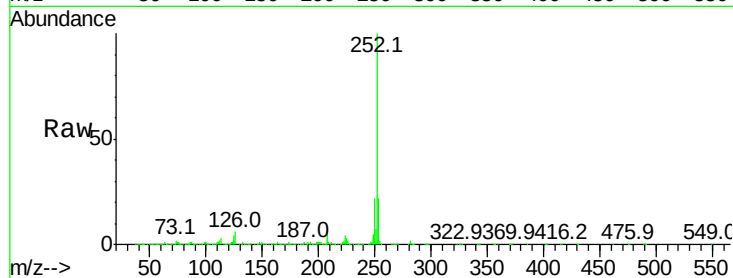
Tot Ion:252 Resp: 3179042

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 4.1 8.1 12.1#



#91

Benzo(g,h,i)perylene

Concen: 5.527 ng

RT: 25.84 min Scan# 3902

Delta R.T. -0.01 min

Lab File: BM010977.D

Acq: 26 Jul 2017 19:02

Tgt Ion:276 Resp: 494197

Ion Ratio Lower Upper

276 100

277 21.9 18.5 27.7

138 9.5 19.0 28.6#

