

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010185.D
 Acq On : 24 May 2017 17:50
 Operator : SJ/MA
 Sample : I3290-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MSD

Quant Time: May 25 05:27:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	131176	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	442946	20.00	ng	-0.03
38) Acenaphthene-d10	14.59	164	282040	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	694852	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1107780	20.00	ng	-0.02
86) Perylene-d12	23.84	264	1191225	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	882101	121.44	ng	-0.02
7) Phenol-d6	7.14	99	999111	106.89	ng	-0.03
23) Nitrobenzene-d5	9.14	82	785184	95.64	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	581999	135.87	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1960347	89.35	ng	-0.03
78) Terphenyl-d14	19.93	244	3572194	73.32	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	123205	36.91	ng	# 100
3) Pyridine	3.86	79	260680	29.18	ng	90
4) n-Nitrosodimethylamine	3.76	42	154601	47.84	ng	# 75
6) Aniline	7.30	93	322398	27.84	ng	94
8) 2-Chlorophenol	7.52	128	294462	37.26	ng	93
9) Benzaldehyde	7.12	77	90416	15.54	ng	86
10) Phenol	7.16	94	336248	34.14	ng	91
11) bis(2-Chloroethyl)ether	7.39	93	280214	38.16	ng	94
12) 1,3-Dichlorobenzene	7.83	146	346942	34.55	ng	# 91
13) 1,4-Dichlorobenzene	7.99	146	351413	34.06	ng	95
14) 1,2-Dichlorobenzene	8.30	146	342403	34.58	ng	96
15) Benzyl Alcohol	8.21	79	288858	40.85	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.47	45	225104	31.18	ng	78
17) 2-Methylphenol	8.41	107	245396	35.01	ng	# 83
18) Hexachloroethane	9.02	117	118814	35.53	ng	# 69
19) n-Nitroso-di-n-propylamine	8.76	70	248977	37.74	ng	95
20) 3+4-Methylphenols	8.74	107	320151	33.82	ng	89
22) Acetophenone	8.79	105	461894	40.68	ng	# 96
24) Nitrobenzene	9.18	77	387196	45.78	ng	95
25) Isophorone	9.69	82	607385	42.81	ng	# 93
26) 2-Nitrophenol	9.88	139	147297	41.32	ng	# 53
27) 2,4-Dimethylphenol	9.93	122	247529	38.45	ng	# 78
28) bis(2-Chloroethoxy)methane	10.17	93	340874	37.86	ng	99
29) 2,4-Dichlorophenol	10.41	162	311223	41.99	ng	93
30) 1,2,4-Trichlorobenzene	10.61	180	379803	39.61	ng	98
31) Naphthalene	10.81	128	892359	37.66	ng	99
32) Benzoic acid	10.07	122	151934	34.63	ng	90
33) 4-Chloroaniline	10.96	127	101706	11.14	ng	# 81
34) Hexachlorobutadiene	11.06	225	262191	40.99	ng	98
35) Caprolactam	11.76	113	59917	28.17	ng	# 86
36) 4-Chloro-3-methylphenol	12.06	107	302614	37.70	ng	84
37) 2-Methylnaphthalene	12.41	142	674734	39.55	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	443421	40.88	ng	# 100
40) Hexachlorocyclopentadiene	12.73	237	611699	97.68	ng	98

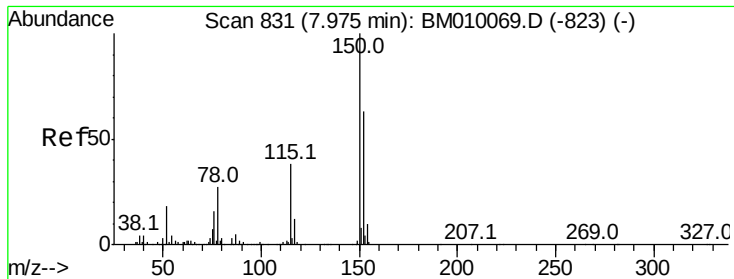
Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	273379	42.79	nq	98
43) 2,4,5-Trichlorophenol	13.10	196	298070	42.23	nq	# 92
45) 1,1'-Biphenyl	13.42	154	904330	38.99	nq	99
46) 2-Chloronaphthalene	13.46	162	724303	38.57	nq	96
47) 2-Nitroaniline	13.70	65	213272	44.17	nq	# 79
48) Acenaphthylene	14.31	152	1103321	39.73	nq	100
49) Dimethylphthalate	14.05	163	936953	37.24	nq	# 99
50) 2,6-Dinitrotoluene	14.18	165	198912	41.64	nq	# 84
51) Acenaphthene	14.65	154	680538	39.43	nq	98
52) 3-Nitroaniline	14.53	138	144583	32.56	nq	# 66
53) 2,4-Dinitrophenol	14.72	184	256401	80.72	nq	# 88
54) Dibenzofuran	14.98	168	1149802	42.36	nq	96
55) 4-Nitrophenol	14.84	139	267221	74.78	nq	# 34
56) 2,4-Dinitrotoluene	14.96	165	278284	41.17	nq	87
57) Fluorene	15.63	166	943923	39.99	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.20	232	284212	47.27	nq	# 100
59) Diethylphthalate	15.40	149	892617	37.53	nq	97
60) 4-Chlorophenyl-phenylether	15.62	204	530008	39.99	nq	97
61) 4-Nitroaniline	15.70	138	157488	34.94	nq	# 27
62) Azobenzene	15.91	77	889399	50.85	nq	89
64) 4,6-Dinitro-2-methylphenol	15.71	198	172644	40.67	nq	85
65) n-Nitrosodiphenylamine	15.85	169	786006	37.74	nq	98
66) 4-Bromophenyl-phenylether	16.52	248	357666	40.21	nq	96
67) Hexachlorobenzene	16.61	284	399528	36.97	nq	95
68) Atrazine	16.79	200	162223	20.55	nq	96
69) Pentachlorophenol	16.97	266	492589	82.99	nq	98
70) Phenanthrene	17.37	178	1548659	39.84	nq	100
71) Anthracene	17.46	178	1581958	41.00	nq	99
72) Carbazole	17.74	167	1319813	38.64	nq	99
73) Di-n-butylphthalate	18.27	149	1505841	37.18	nq	# 97
74) Fluoranthene	19.37	202	2054473	40.70	nq	97
76) Benzidine	19.58	184	175097	8.57	nq	97
77) Pyrene	19.74	202	2108460	35.50	nq	100
79) Butylbenzylphthalate	20.62	149	757509	34.45	nq	# 87
80) Benzo(a)anthracene	21.47	228	2436016	39.90	nq	99
81) 3,3'-Dichlorobenzidine	21.42	252	354671	14.44	nq	# 97
82) Chrysene	21.53	228	2187582	37.78	nq	100
83) Bis(2-ethylhexyl)phthalate	21.36	149	1132556	34.45	nq	# 97
84) Di-n-octyl phthalate	22.26	149	2101485	35.70	nq	98
85) Indeno(1,2,3-cd)pyrene	26.27	276	3750972	44.17	nq	# 100
87) Benzo(b)fluoranthene	23.13	252	2874424	41.23	nq	# 93
88) Benzo(k)fluoranthene	23.17	252	2792791	40.89	nq	# 96
89) Benzo(a)pyrene	23.74	252	2775467	41.78	nq	# 96
90) Dibenzo(a,h)anthracene	26.27	278	3160300	42.54	nq	# 92
91) Benzo(g,h,i)perylene	27.02	276	3057400	42.00	nq	# 86

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

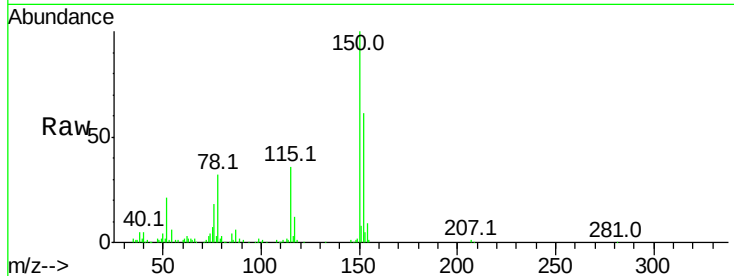


#1

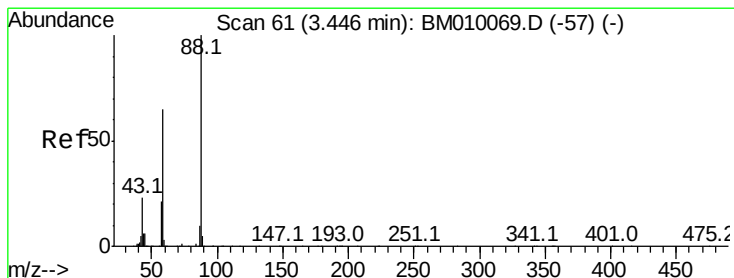
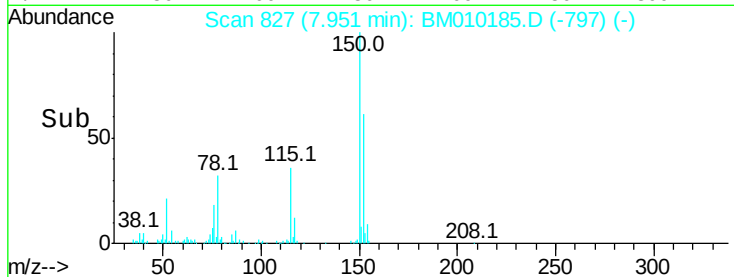
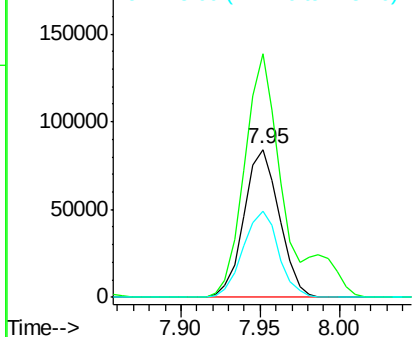
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	119.5	179.3
115	58.3	43.0	64.4



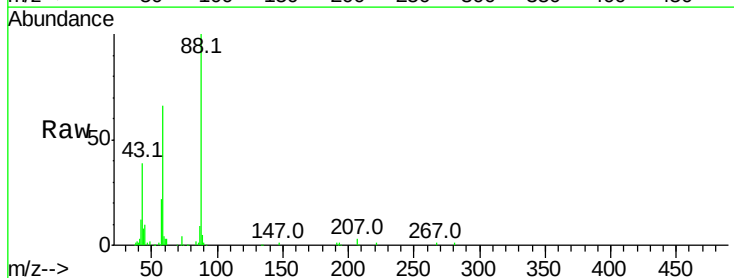
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



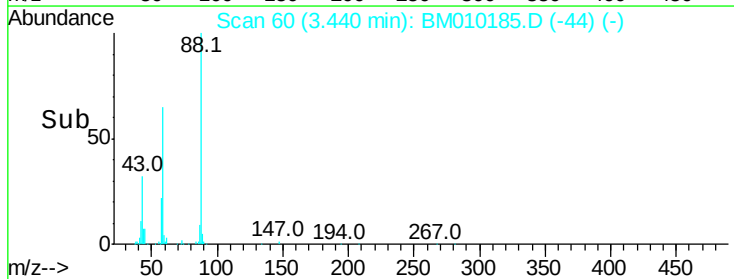
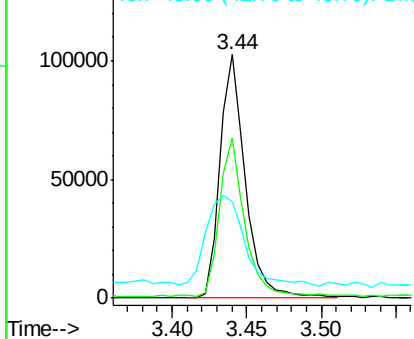
#2

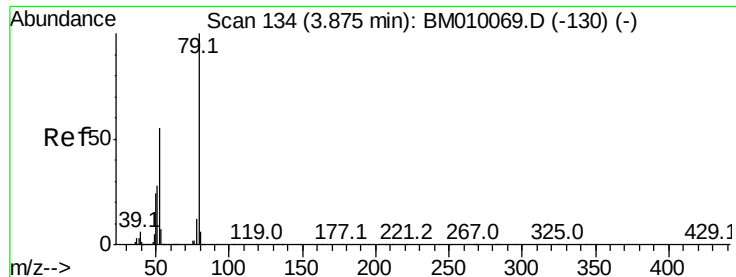
1,4-Dioxane
Concen: 36.91 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.4	0.0	0.0#
43	56.0	0.0	0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 29.18 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

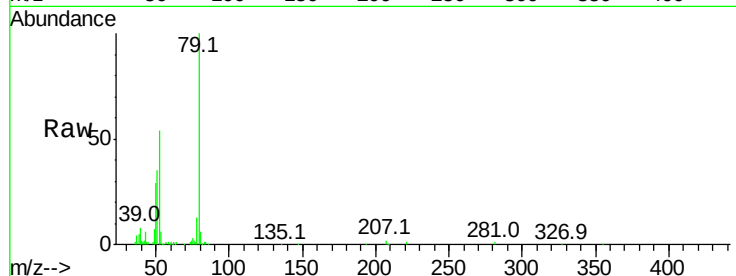
Tot Ion: 79 Resp: 260680

Ion Ratio Lower Upper

79 100

52 53.5 51.1 76.7

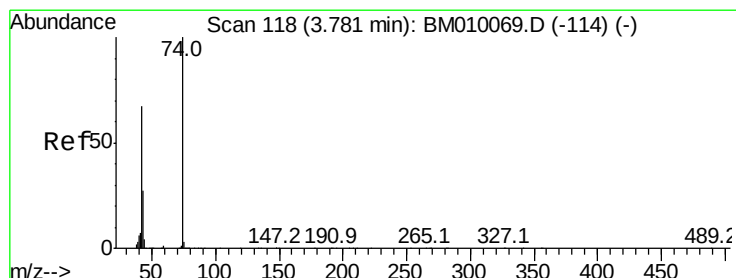
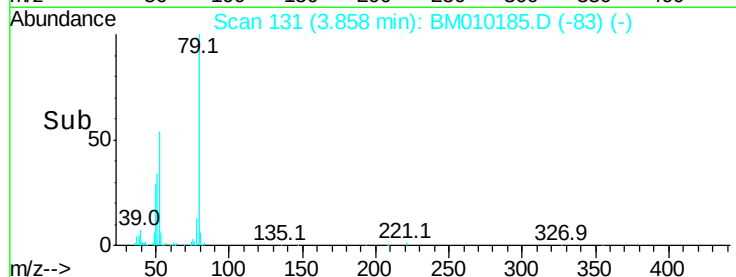
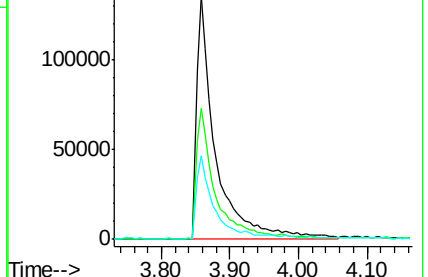
51 34.6 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-130) (-)

Ion 52.00 (51.70 to 52.70): BM010069.D (-130) (-)

Ion 51.00 (50.70 to 51.70): BM010069.D (-130) (-)



#4

n-Nitrosodimethylamine

Concen: 47.84 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

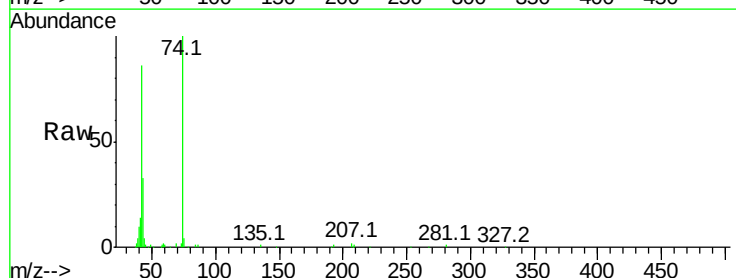
Tgt Ion: 42 Resp: 154601

Ion Ratio Lower Upper

42 100

74 116.9 119.3 178.9#

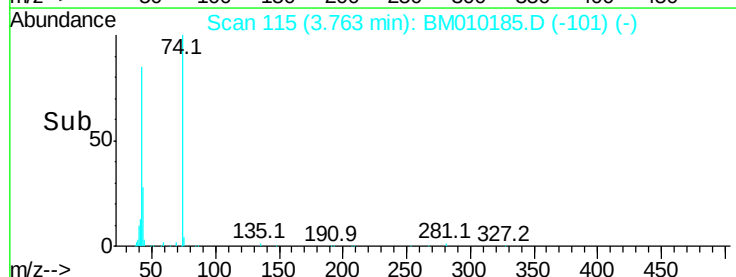
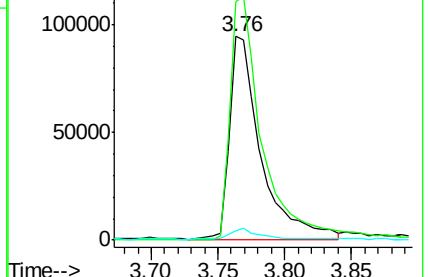
44 4.5 5.4 8.2#

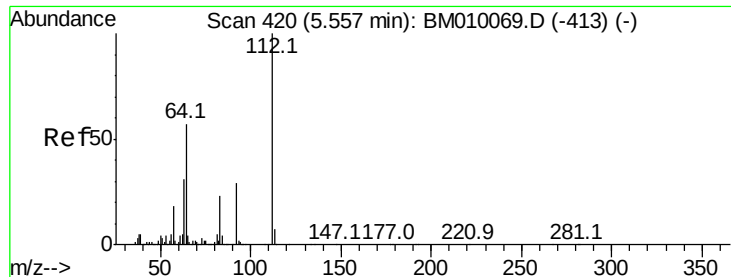


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

Ion 74.00 (73.70 to 74.70): BM010069.D (-114) (-)

Ion 44.00 (43.70 to 44.70): BM010069.D (-114) (-)





#5

2-Fluorophenol

Concen: 121.44 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

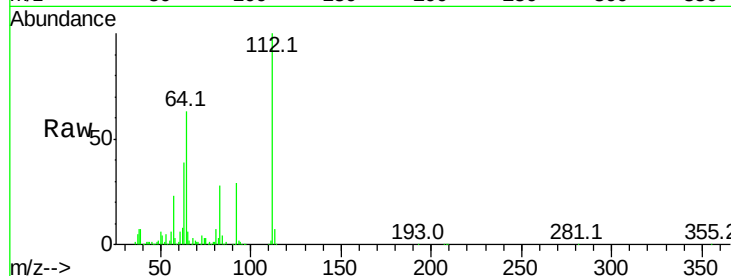
Tot Ion:112 Resp: 882101

Ion Ratio Lower Upper

112 100

64 63.4 38.6 57.8#

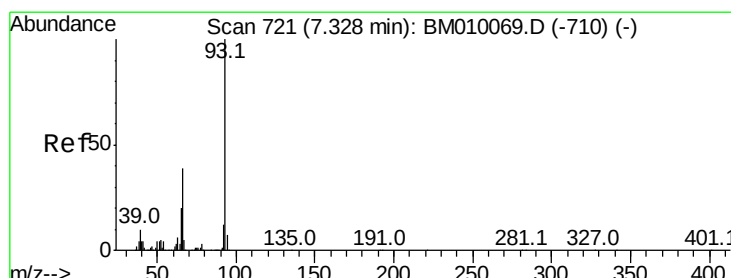
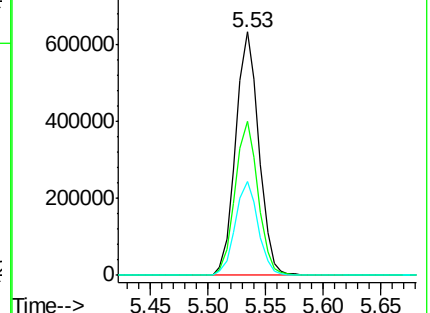
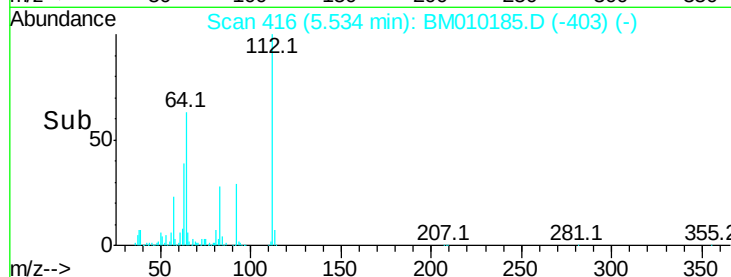
63 38.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 27.84 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

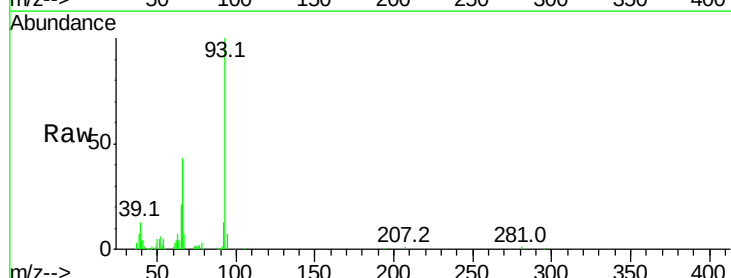
Tgt Ion: 93 Resp: 322398

Ion Ratio Lower Upper

93 100

66 43.0 30.8 46.2

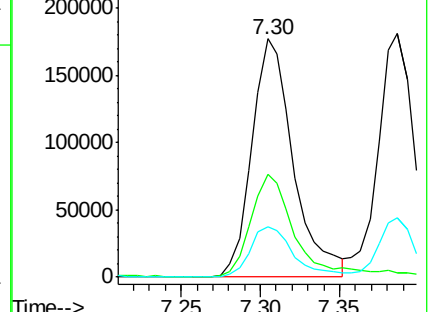
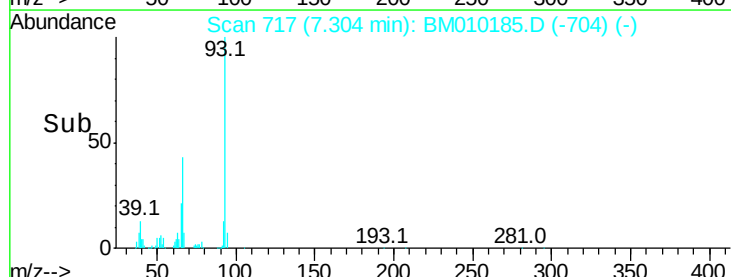
65 21.1 16.0 24.0

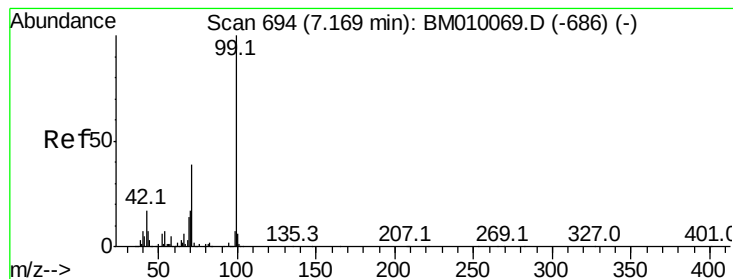


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 106.89 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

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ClientSampleId :

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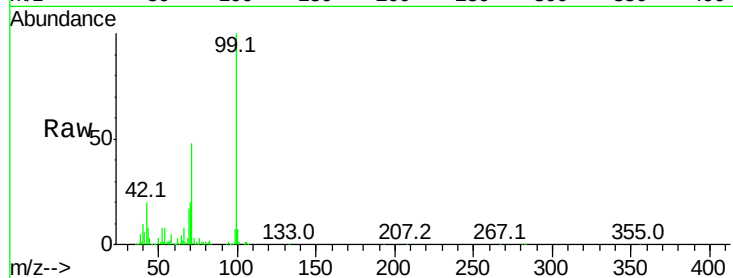
Tot Ion: 99 Resp: 999111

Ion Ratio Lower Upper

99 100

42 20.4 11.0 16.4#

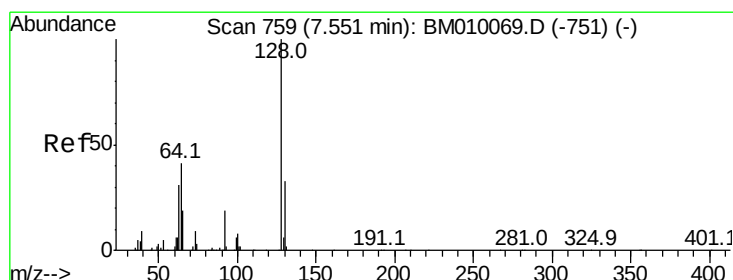
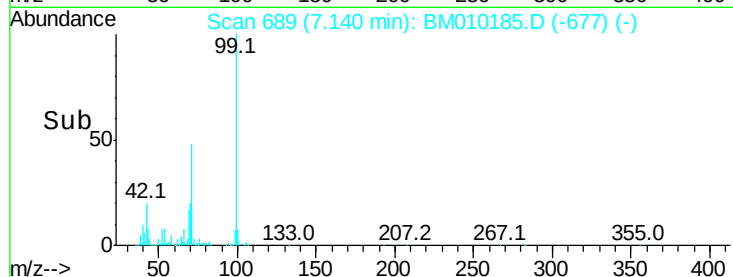
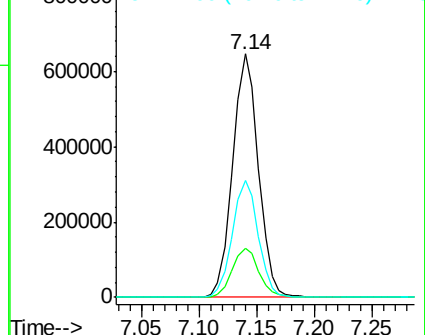
71 47.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#8

2-Chlorophenol

Concen: 37.26 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

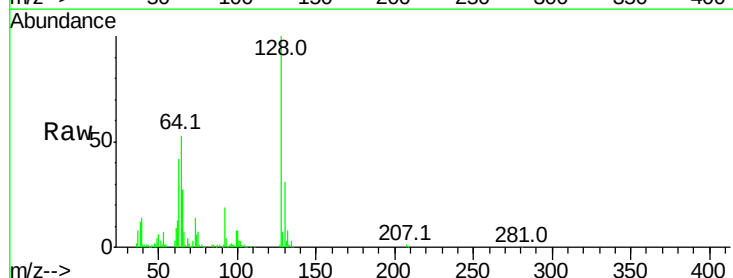
Tgt Ion: 128 Resp: 294462

Ion Ratio Lower Upper

128 100

130 31.2 12.0 52.0

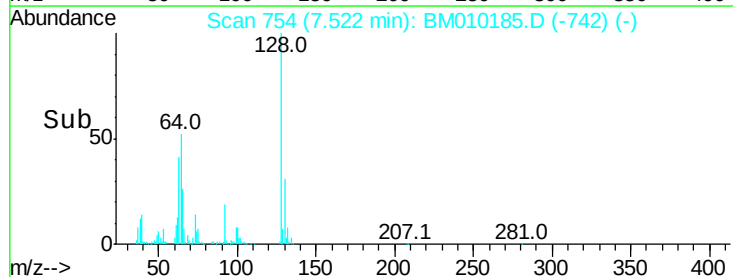
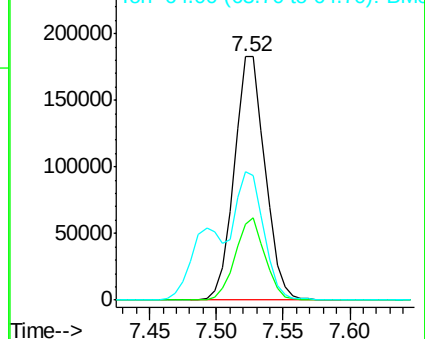
64 52.6 24.9 64.9

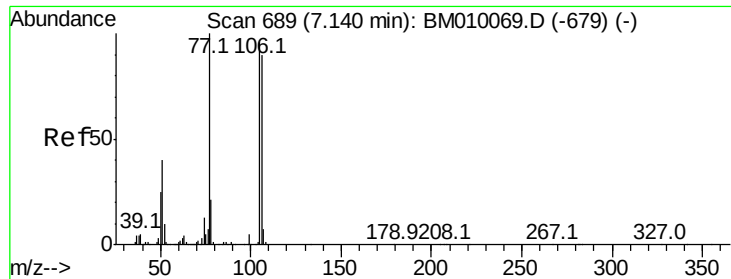


Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-751) (-)

Ion 130.00 (129.70 to 130.70): BM010069.D (-751) (-)

Ion 64.00 (63.70 to 64.70): BM010069.D (-751) (-)





#9

Benzaldehyde

Concen: 15.54 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

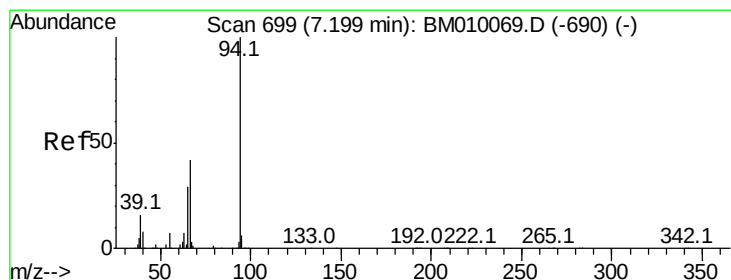
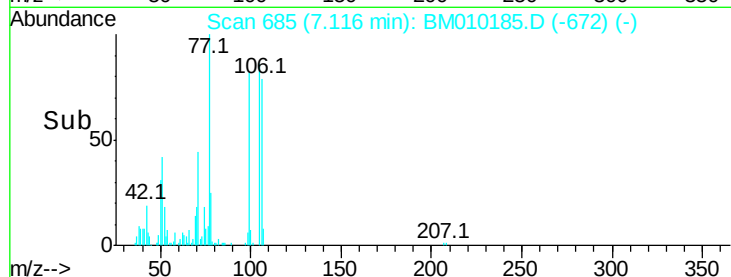
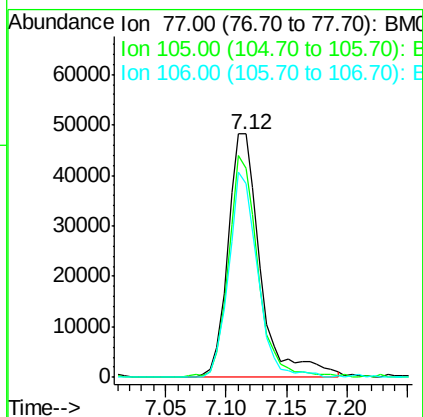
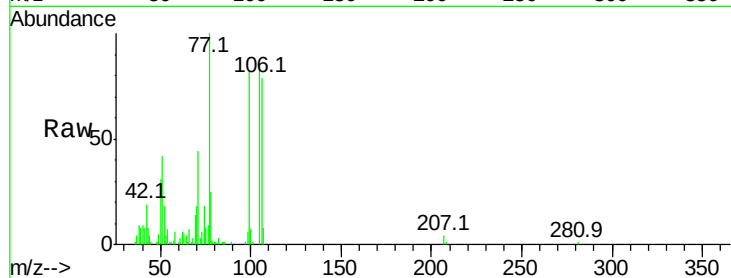
Tot Ion: 77 Resp: 90416

Ion Ratio Lower Upper

77 100

105 86.1 78.8 118.8

106 79.5 73.7 113.7



#10

Phenol

Concen: 34.14 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.04 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

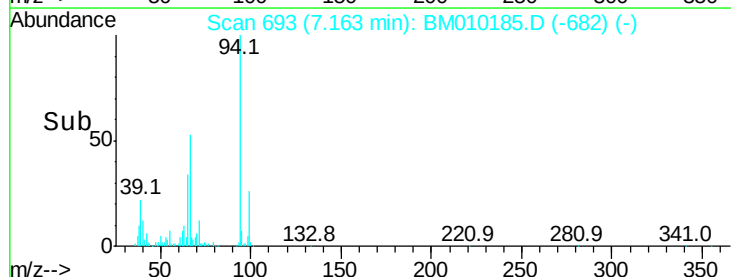
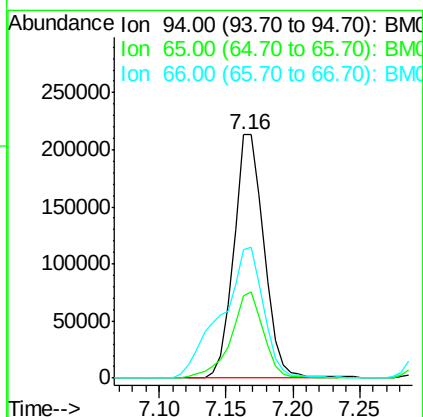
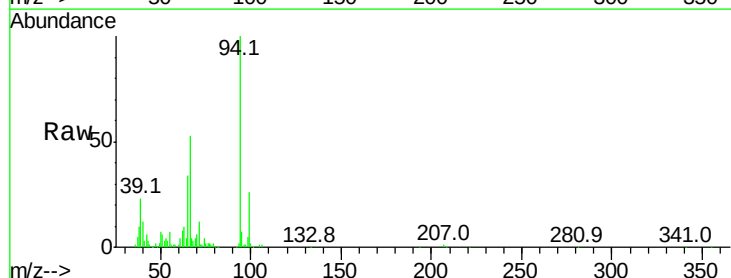
Tgt Ion: 94 Resp: 336248

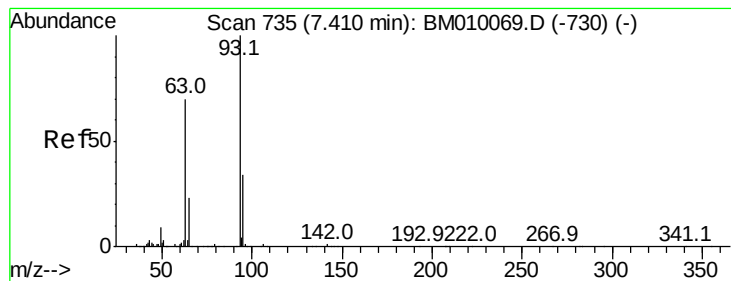
Ion Ratio Lower Upper

94 100

65 33.6 18.8 58.8

66 52.7 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 38.16 ng

RT: 7.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

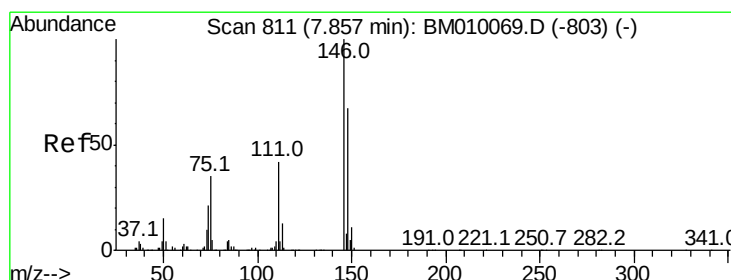
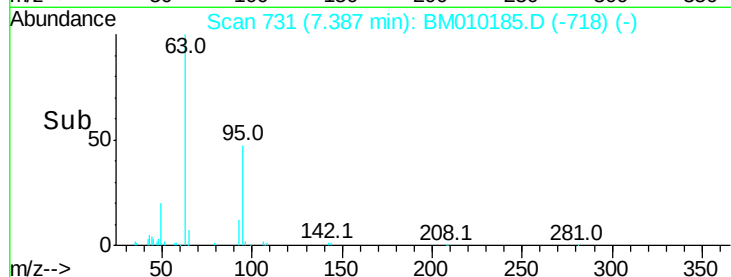
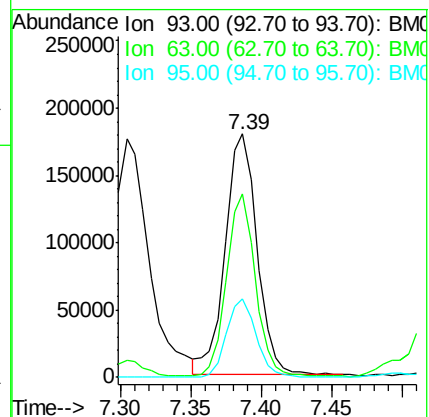
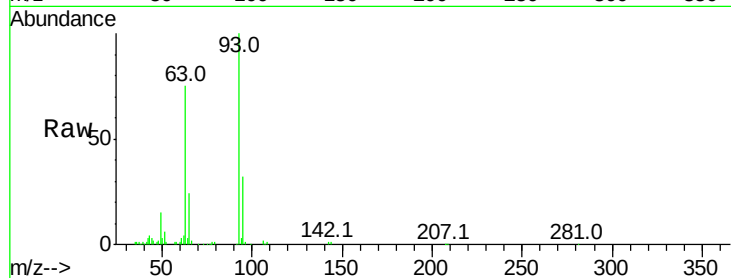
Tot Ion: 93 Resp: 280214

Ion Ratio Lower Upper

93 100

63 75.5 49.5 89.5

95 32.4 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 34.55 ng

RT: 7.83 min Scan# 807

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

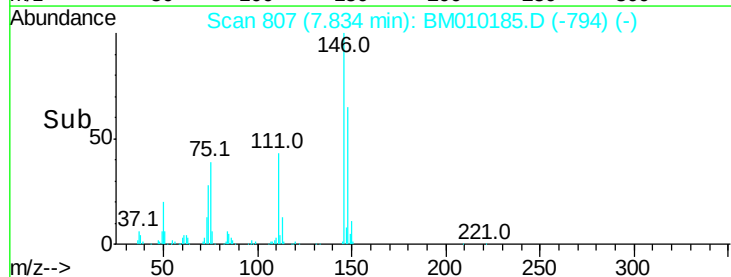
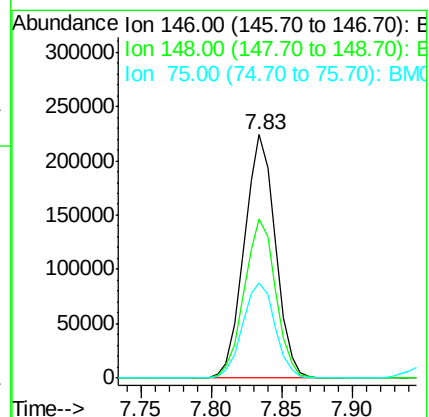
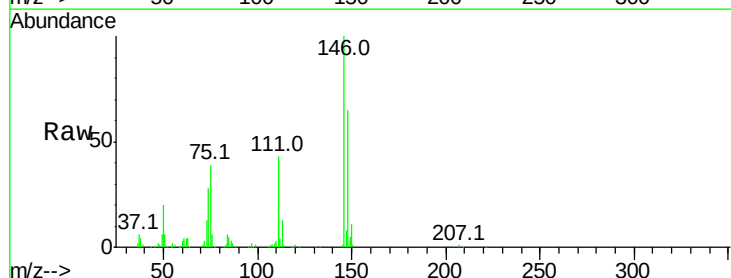
Tgt Ion: 146 Resp: 346942

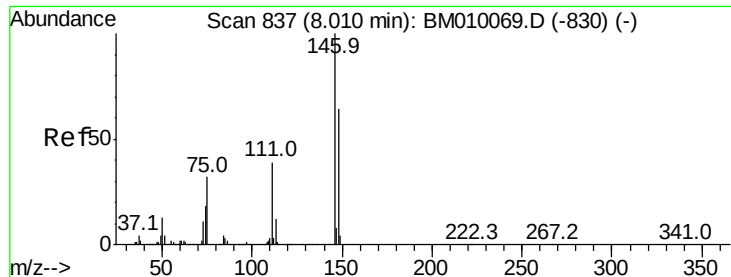
Ion Ratio Lower Upper

146 100

148 65.5 50.9 76.3

75 39.1 21.4 32.2#

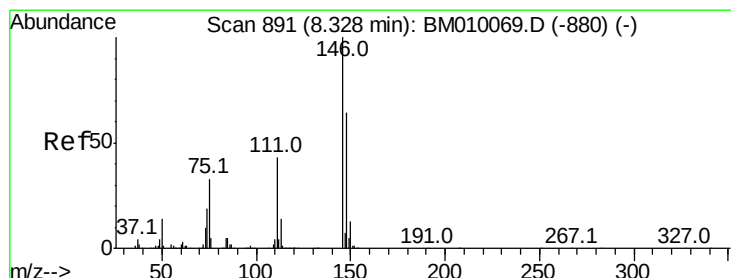
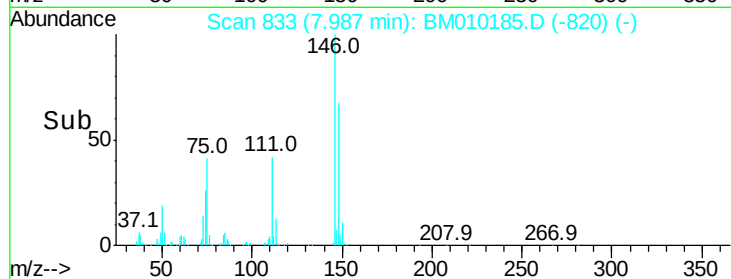
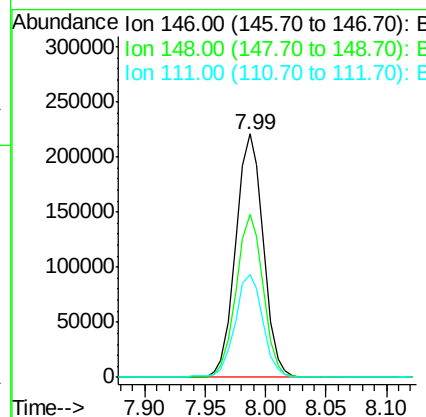
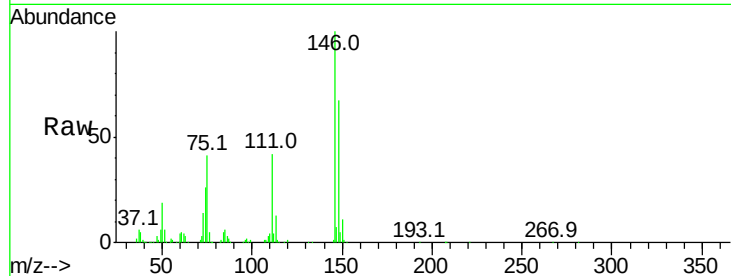




#13
 1,4-Dichlorobenzene
 Concen: 34.06 ng
 RT: 7.99 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

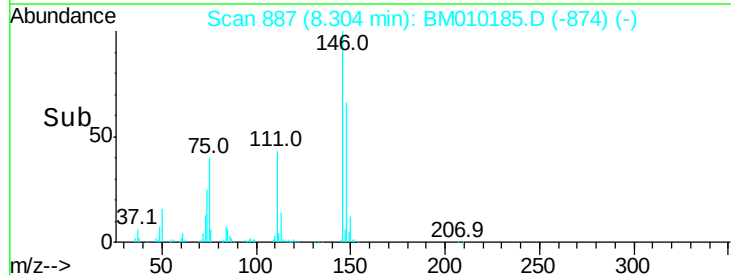
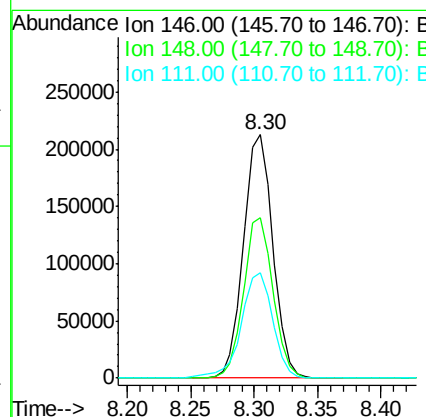
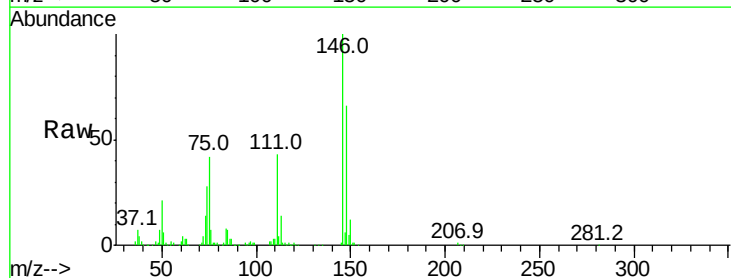
Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MSD

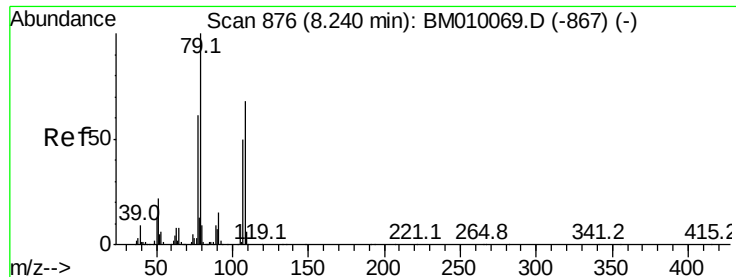
Tot Ion:146 Resp: 351413
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.9 77.9
 111 42.0 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 34.58 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

Tgt Ion:146 Resp: 342403
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.3 78.5
 111 43.2 30.6 45.8





#15

Benzyl Alcohol

Concen: 40.85 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

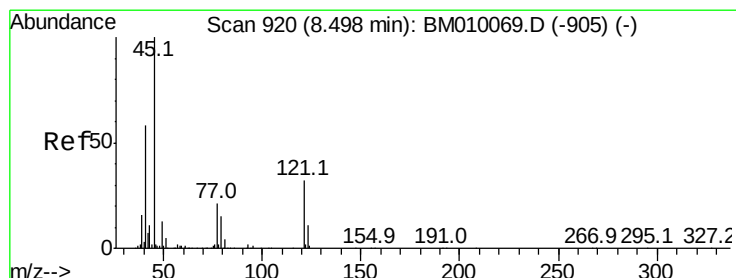
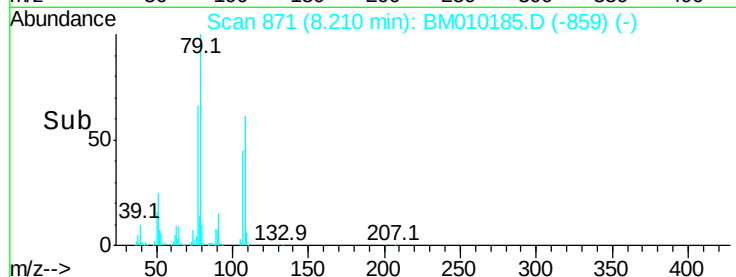
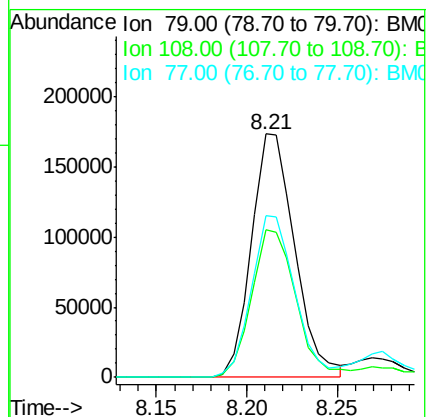
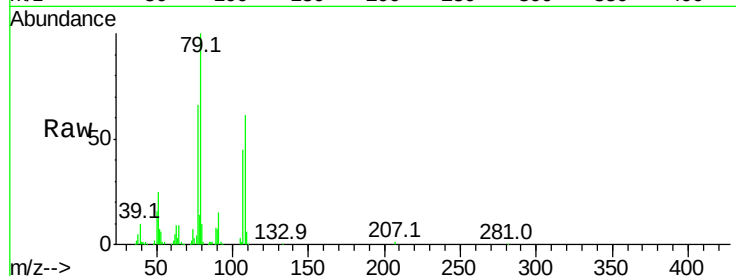
Tot Ion: 79 Resp: 288858

Ion Ratio Lower Upper

79 100

108 60.6 65.0 97.4#

77 66.3 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.18 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

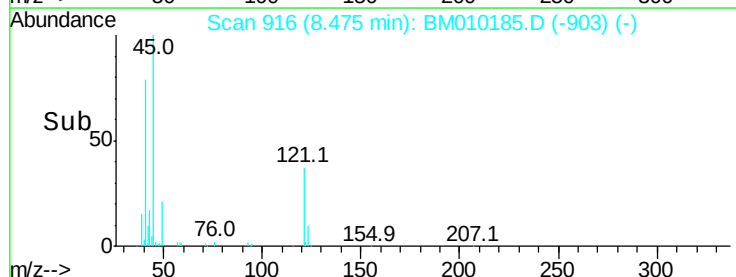
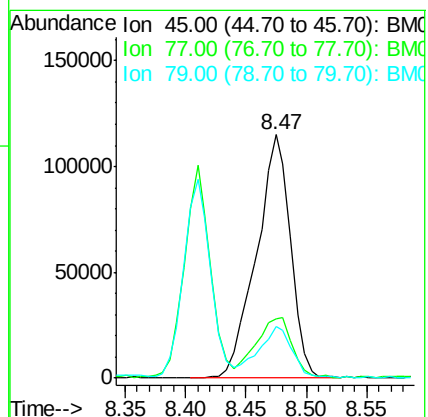
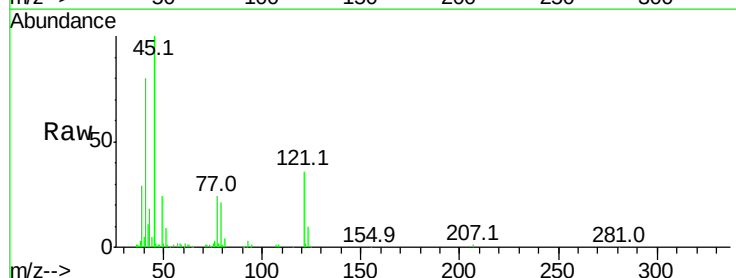
Tgt Ion: 45 Resp: 225104

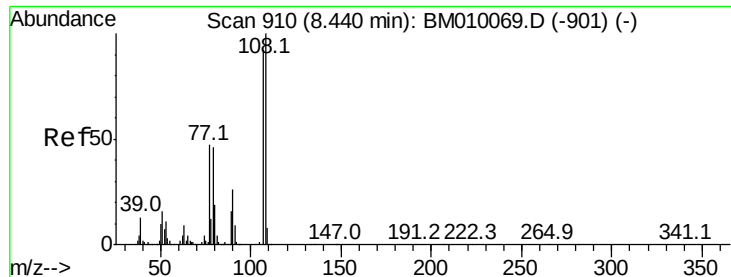
Ion Ratio Lower Upper

45 100

77 24.3 0.0 35.2

79 21.1 0.0 32.0





#17

2-Methylphenol

Concen: 35.01 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

Tot Ion:107 Resp: 245396

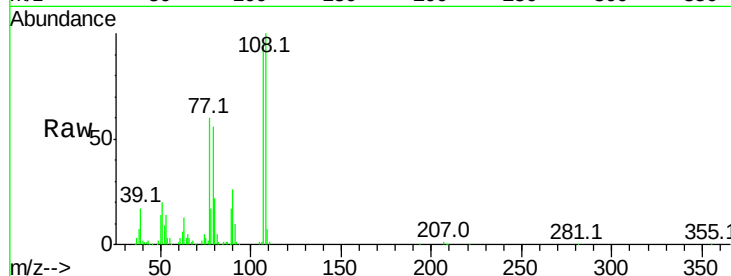
Ion Ratio Lower Upper

107 100

108 105.1 89.8 134.8

77 62.6 32.6 48.8#

79 58.7 32.8 49.2#



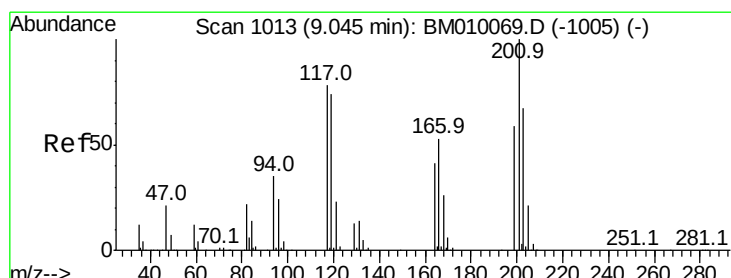
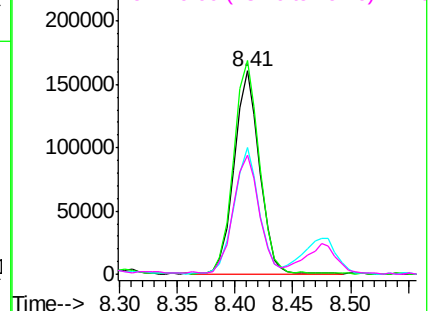
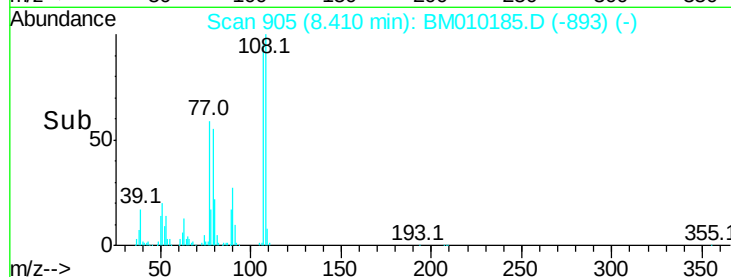
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 35.53 ng

RT: 9.02 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

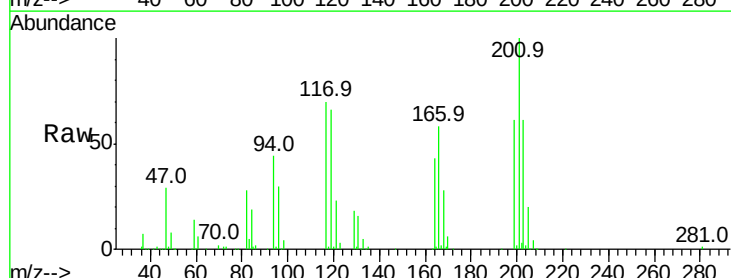
Tgt Ion:117 Resp: 118814

Ion Ratio Lower Upper

117 100

119 93.7 79.2 118.8

201 142.0 69.8 104.6#

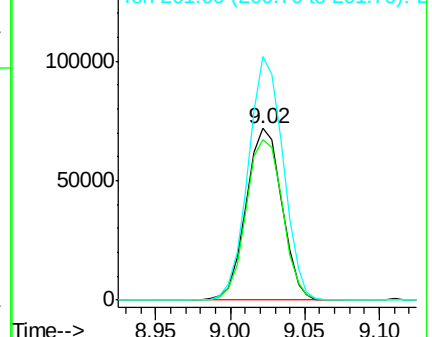
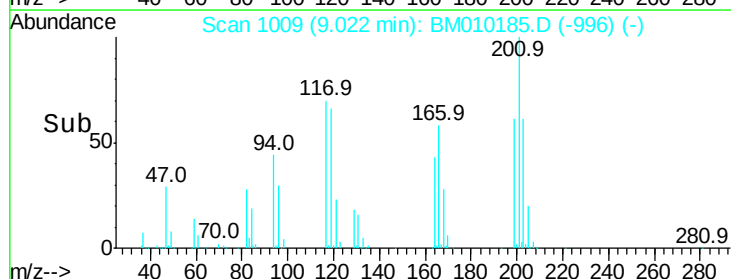


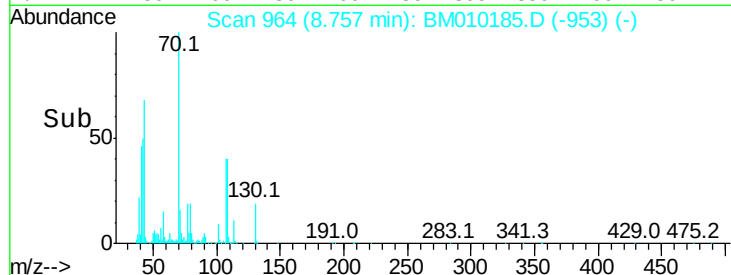
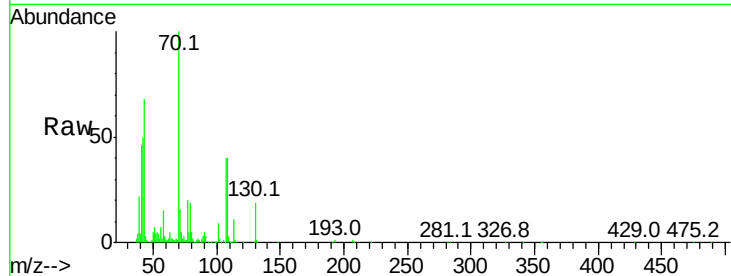
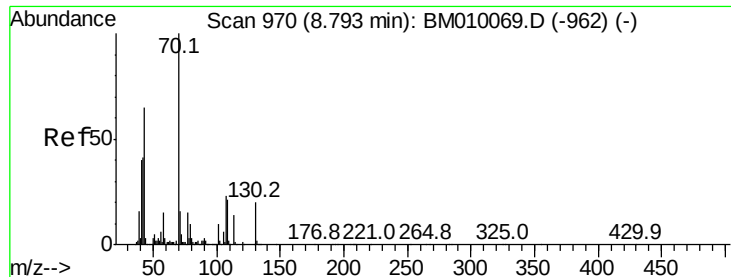
Abundance

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

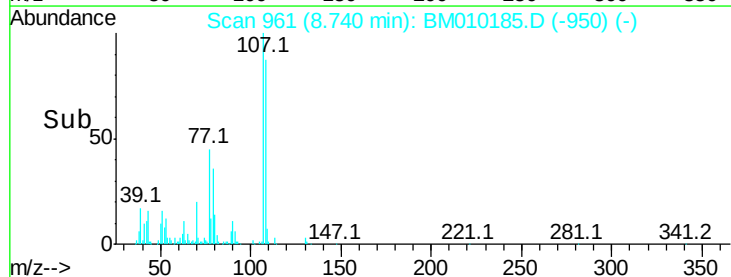
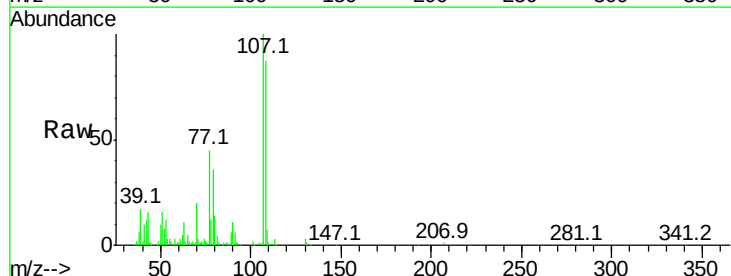
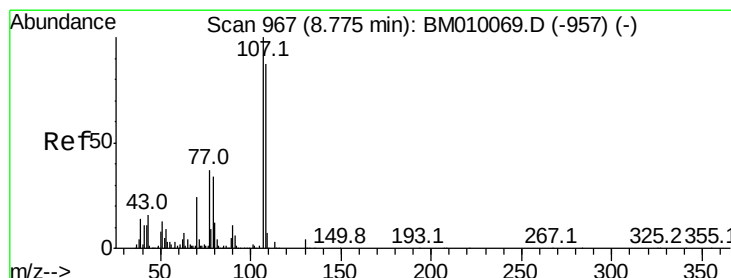
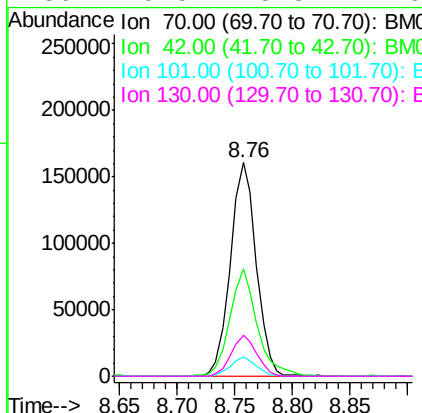




#19
n-Nitroso-di-n-propylamine
Concen: 37.74 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.04 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

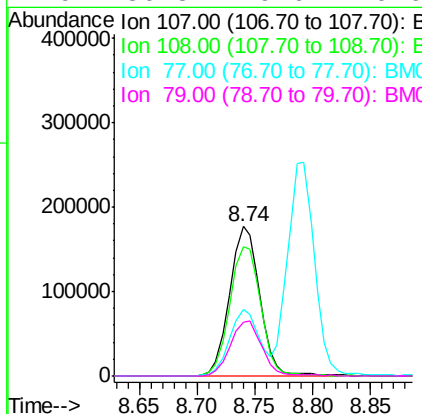
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MSD

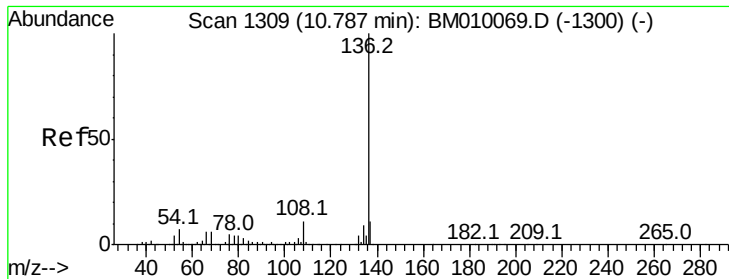
Tot Ion:	70	Resp:	248977
Ion	Ratio	Lower	Upper
70	100		
42	50.1	44.5	66.7
101	9.1	7.4	11.2
130	19.5	15.3	22.9



#20
3+4-Methylphenols
Concen: 33.82 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

Tgt Ion:	107	Resp:	320151
Ion	Ratio	Lower	Upper
107	100		
108	87.0	73.2	113.2
77	44.7	10.7	50.7
79	36.3	9.6	49.6

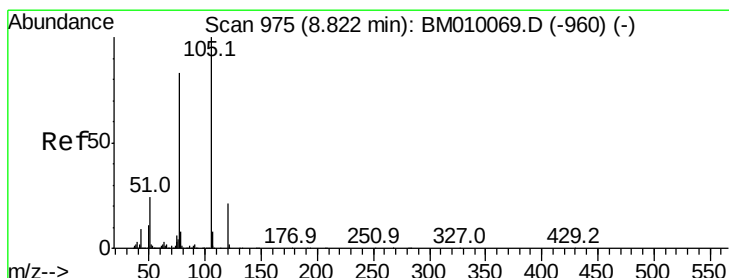
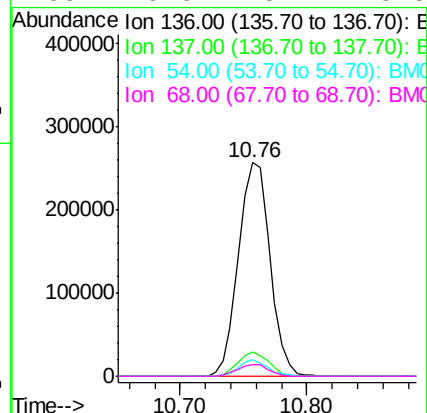
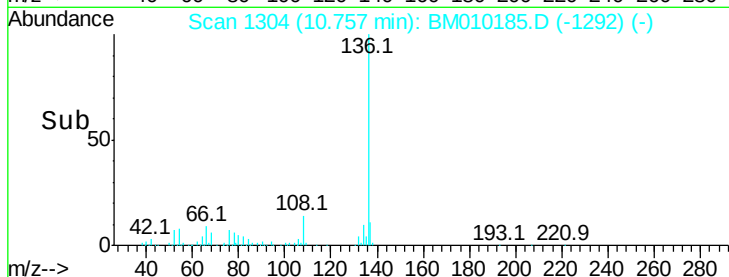
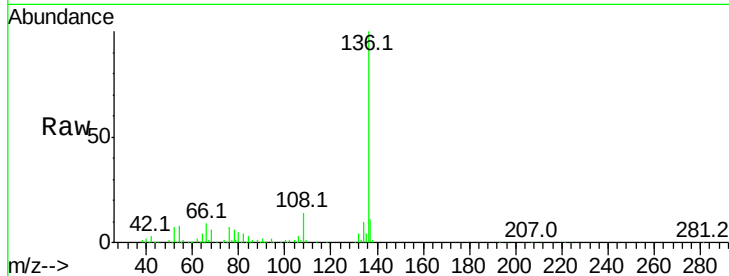




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

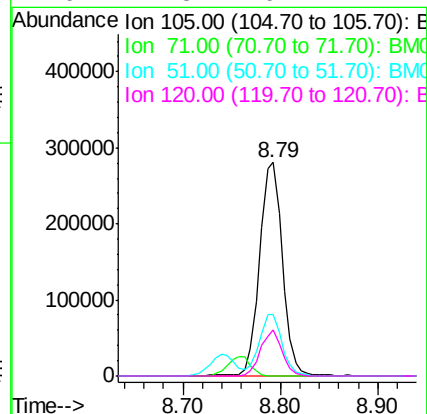
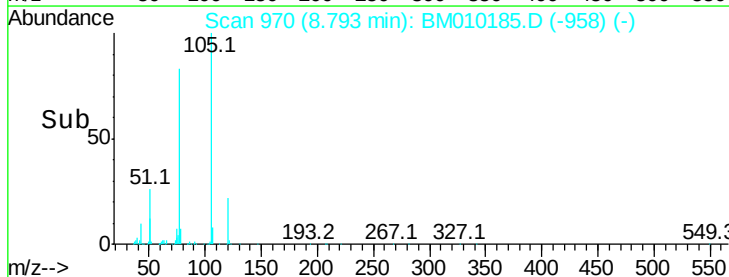
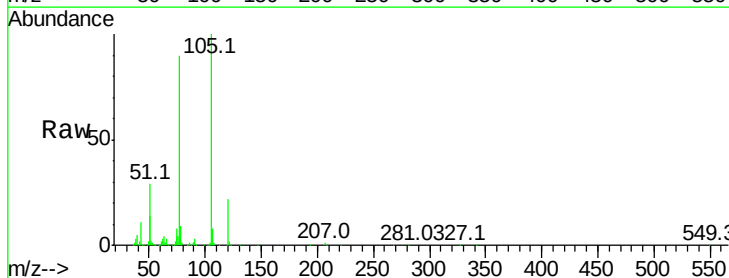
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MSD

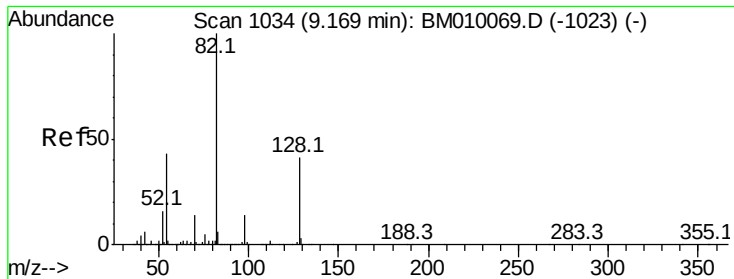
Tot Ion:136	Resp:	442946
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.7	13.1
54 7.6	4.6	6.8#
68 5.6	3.7	5.5#



#22
Acetophenone
Concen: 40.68 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.03 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

Tgt	Ion:105	Resp:	461894
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	28.8	21.6	32.4
120	21.8	16.1	24.1

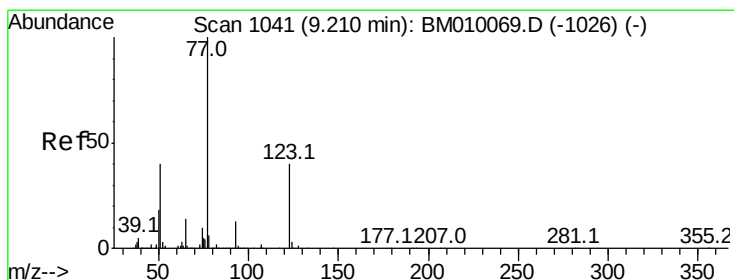
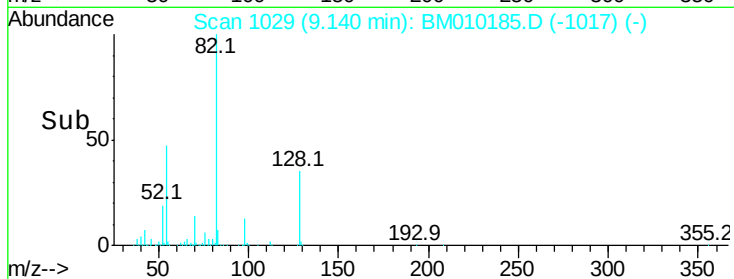
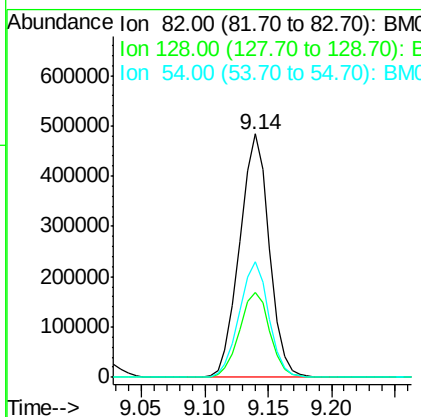
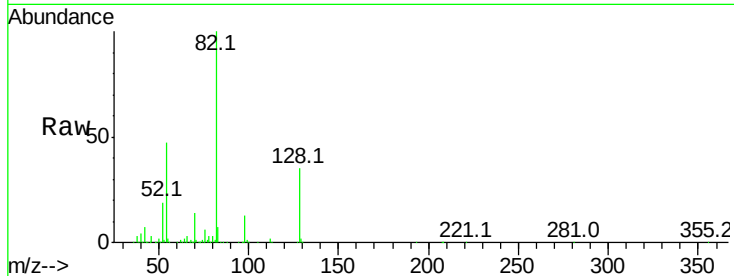




#23
 Nitrobenzene-d5
 Concen: 95.64 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

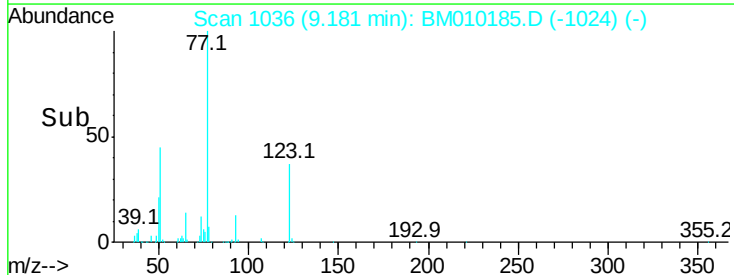
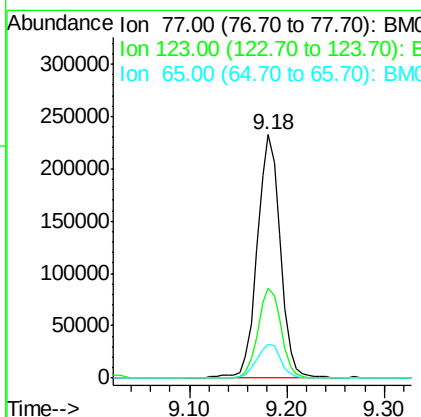
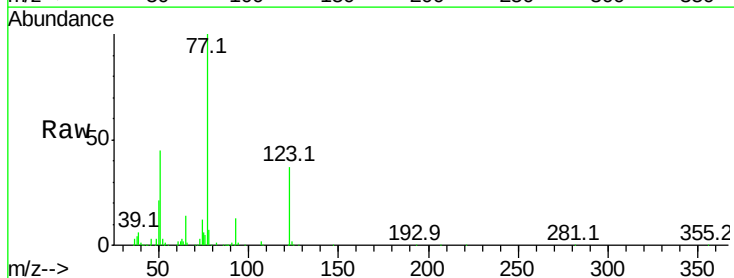
Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MSD

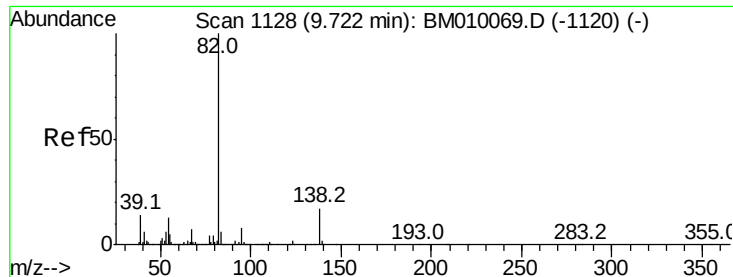
Tot Ion	82	Resp	785184
Ion Ratio	100	Lower	Upper
128	35.0	32.8	49.2
54	47.3	40.6	60.8



#24
 Nitrobenzene
 Concen: 45.78 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

Tgt Ion	77	Resp	387196
Ion Ratio	100	Lower	Upper
123	36.7	32.6	49.0
65	13.8	10.9	16.3





#25

Isophorone

Concen: 42.81 ng

RT: 9.69 min Scan# 1122

Delta R.T. -0.04 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

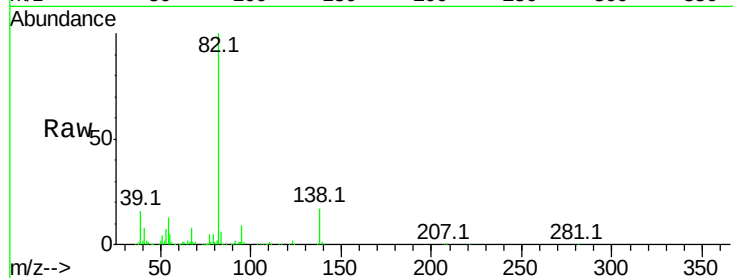
Tot Ion: 82 Resp: 607385

Ion Ratio Lower Upper

82 100

95 8.6 5.8 8.6#

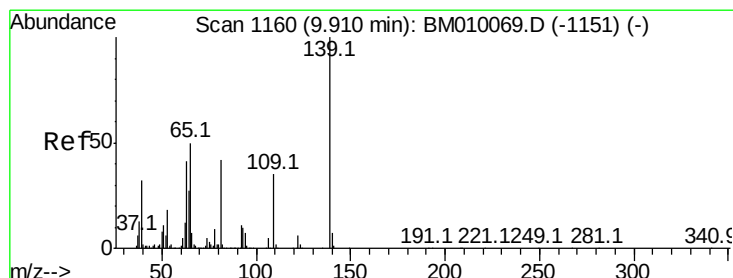
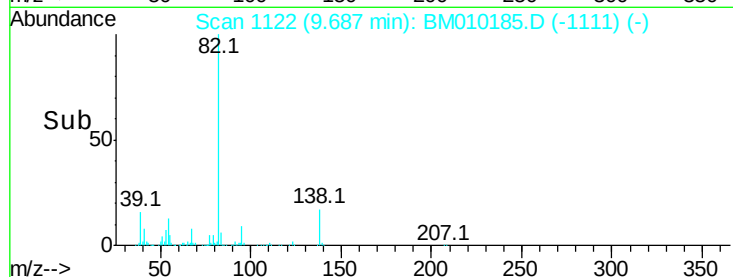
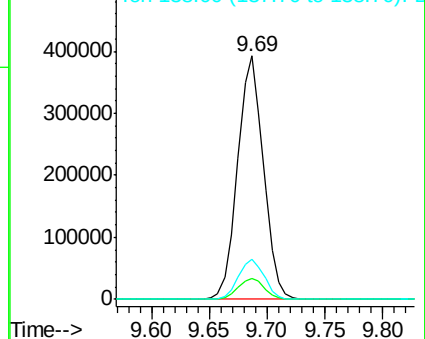
138 16.5 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM010069.D (-1120) (-)

Ion 95.00 (94.70 to 95.70): BM010069.D (-1120) (-)

Ion 138.00 (137.70 to 138.70): BM010069.D (-1120) (-)



#26

2-Nitrophenol

Concen: 41.32 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

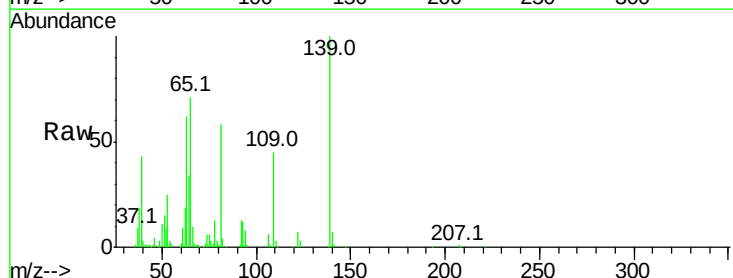
Tgt Ion: 139 Resp: 147297

Ion Ratio Lower Upper

139 100

109 44.6 20.1 30.1#

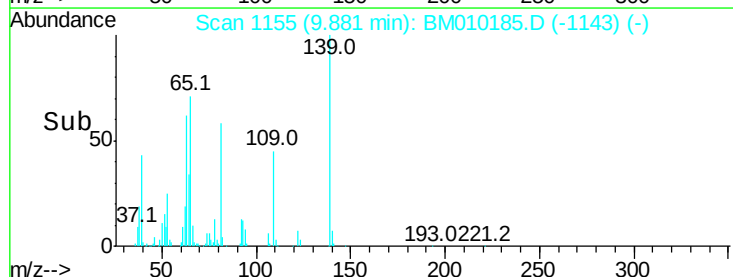
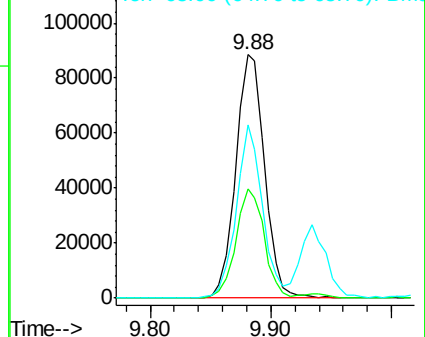
65 70.9 31.5 47.3#

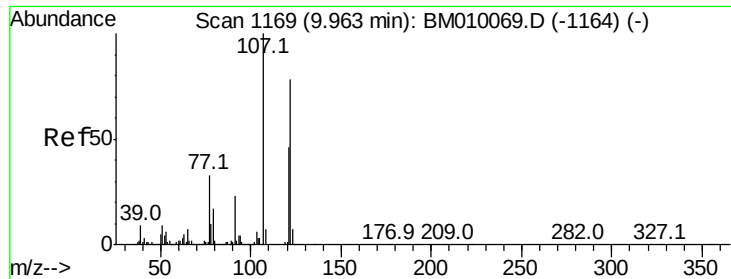


Abundance Ion 139.00 (138.70 to 139.70): BM010069.D (-1151) (-)

Ion 109.00 (108.70 to 109.70): BM010069.D (-1151) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-1151) (-)

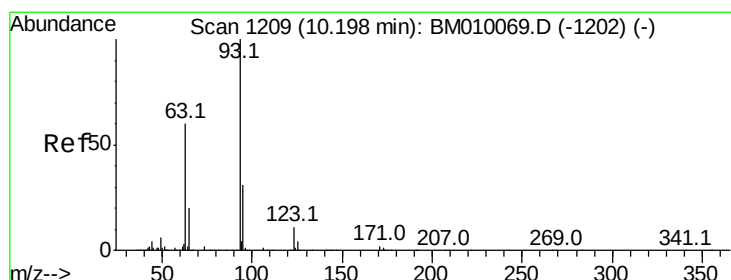
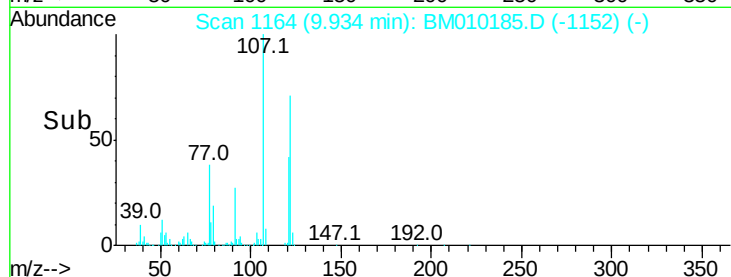
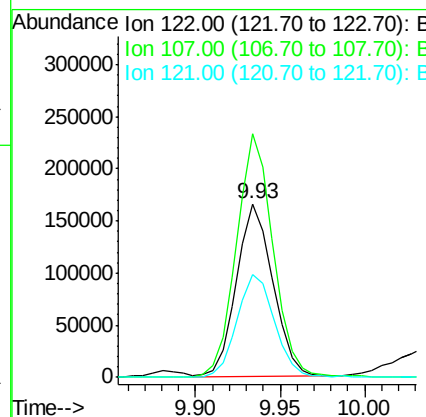
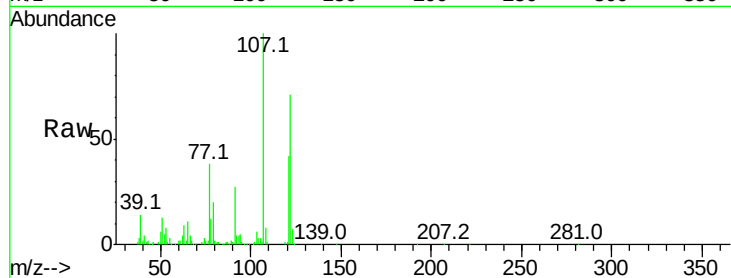




#27
2,4-Dimethylphenol
Concen: 38.45 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

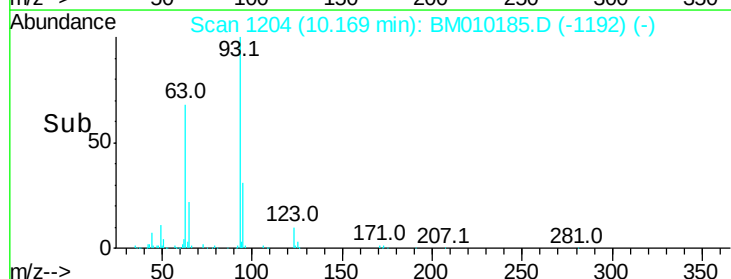
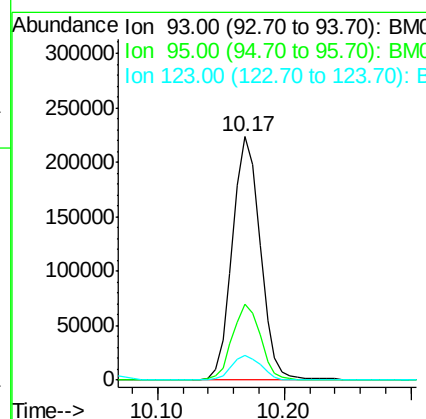
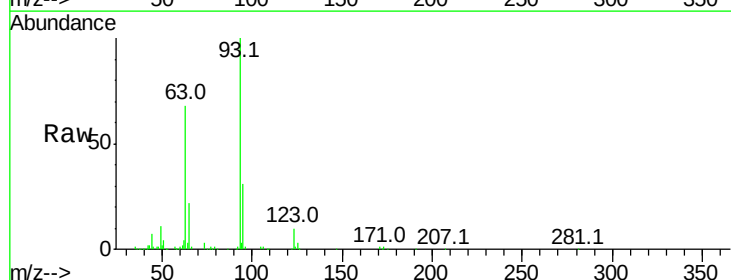
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MSD

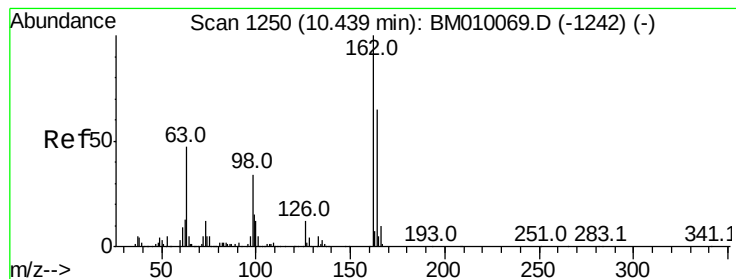
Tot Ion	Ratio	Lower	Upper
122	100		
107	140.3	84.7	127.1#
121	59.3	46.6	69.8



#28
bis(2-Chloroethoxy)methane
Concen: 37.86 ng
RT: 10.17 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.5	38.3
123	10.1	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 41.99 ng

RT: 10.41 min Scan# 1245

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

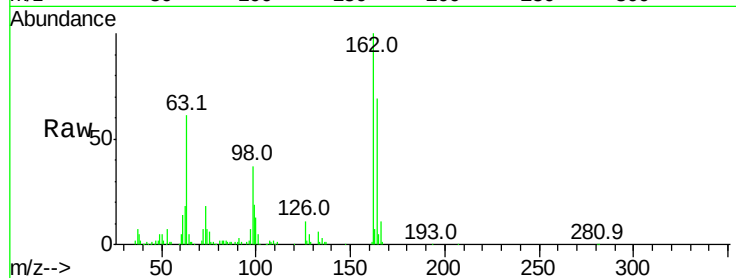
Tot Ion:162 Resp: 311223

Ion Ratio Lower Upper

162 100

164 68.8 42.8 82.8

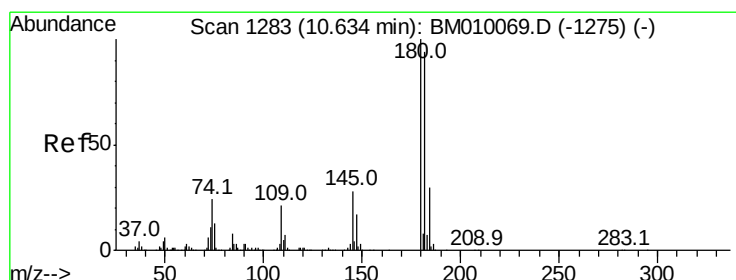
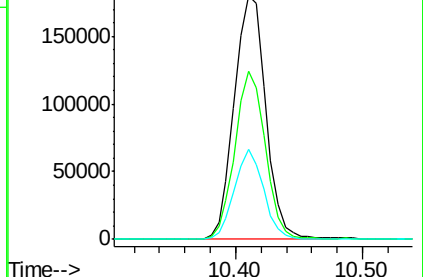
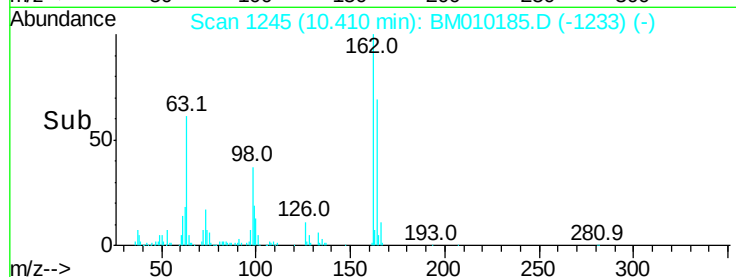
98 37.1 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 39.61 ng

RT: 10.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

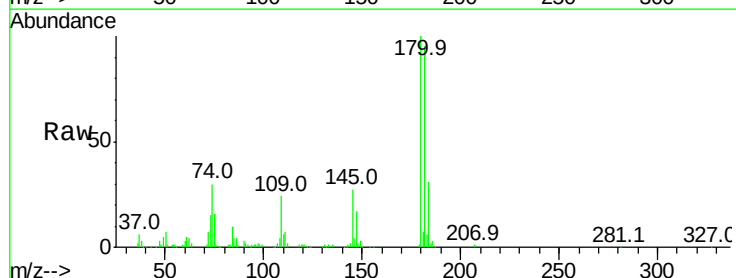
Tgt Ion:180 Resp: 379803

Ion Ratio Lower Upper

180 100

182 95.2 77.6 116.4

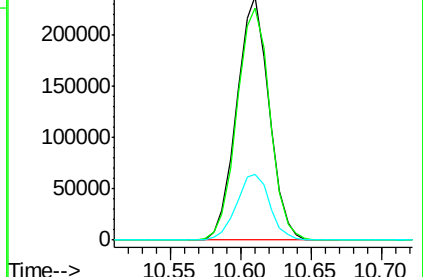
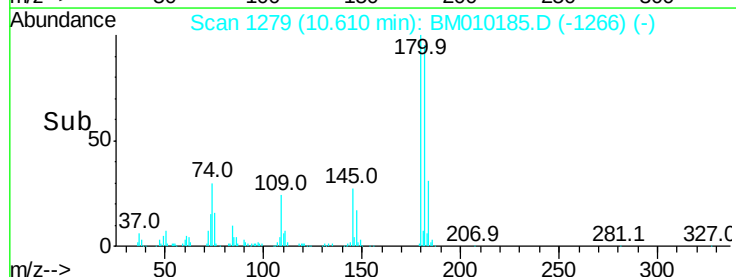
145 27.2 23.4 35.2

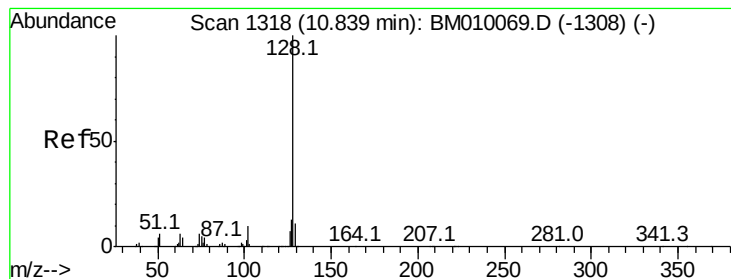


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.66 ng

RT: 10.81 min Scan# 1313

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

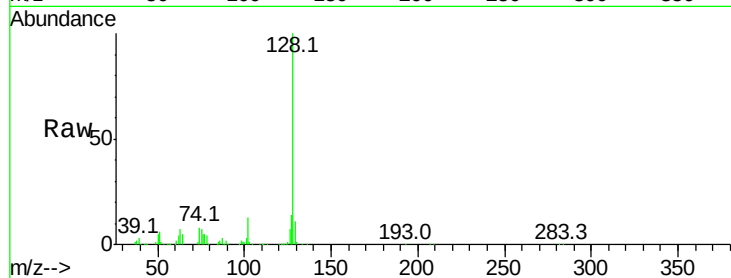
BNA_M

ClientSampleId :

TP-3-TP-4MSD

Tot Ion:128 Resp: 892359

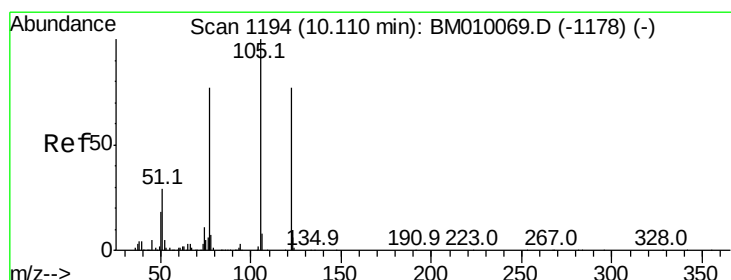
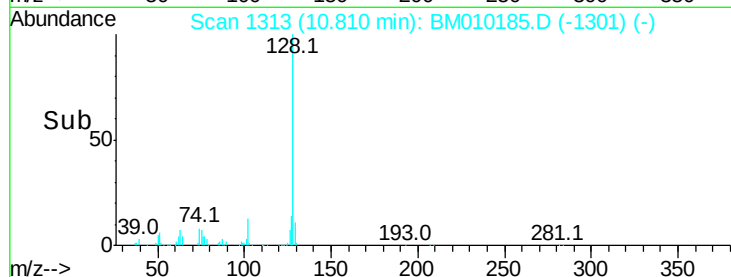
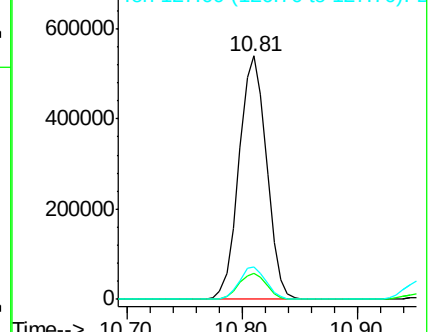
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	13.5	10.4	15.6



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



#32

Benzoic acid

Concen: 34.63 ng

RT: 10.07 min Scan# 1187

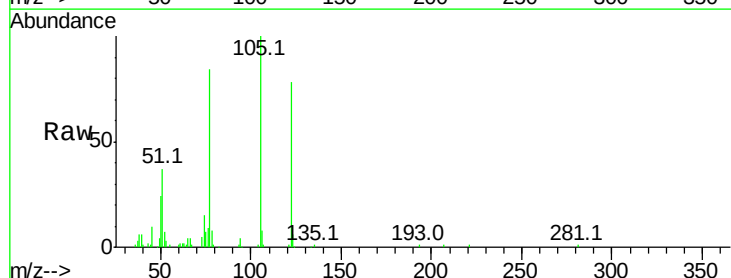
Delta R.T. -0.04 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Tgt Ion:122 Resp: 151934

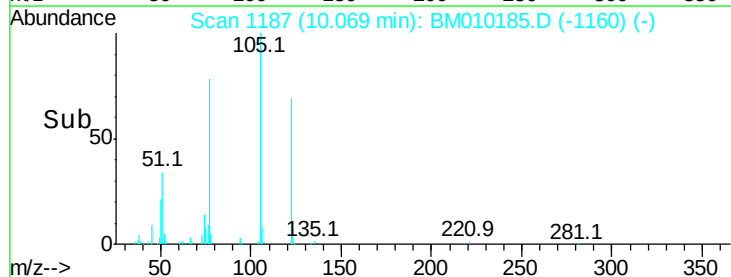
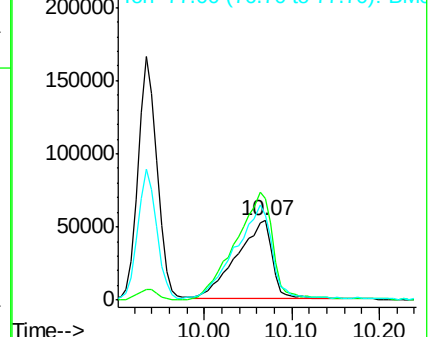
Ion	Ratio	Lower	Upper
122	100		
105	127.4	99.9	139.9
77	107.0	73.7	113.7

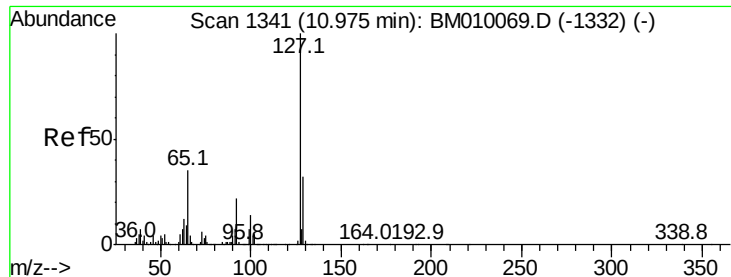


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

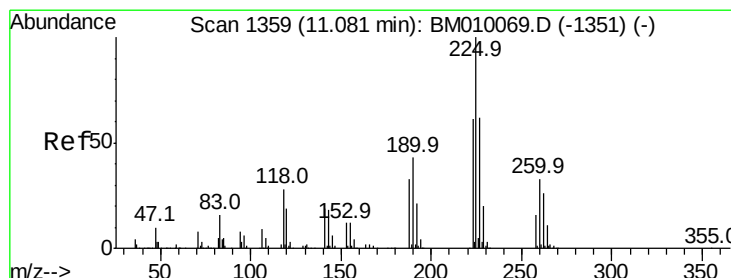
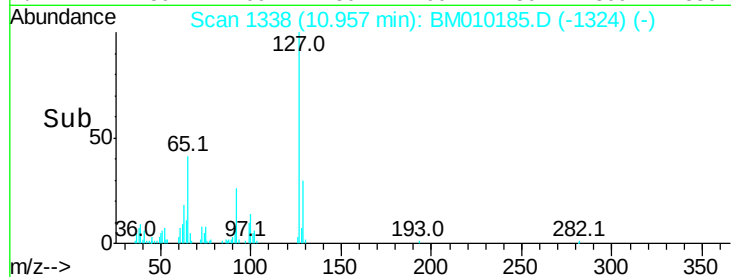
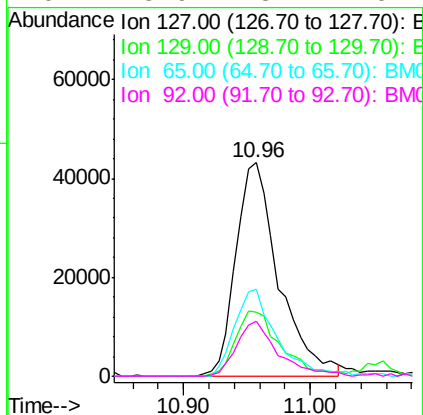
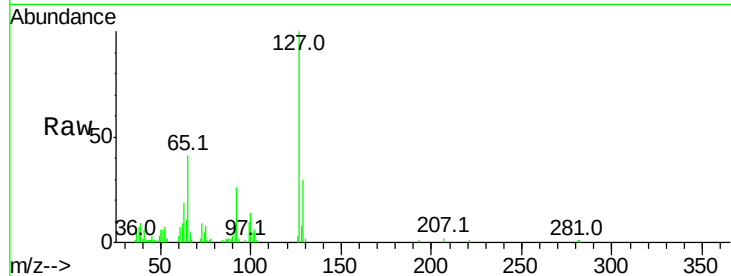




#33
4-Chloroaniline
Concen: 11.14 ng
RT: 10.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

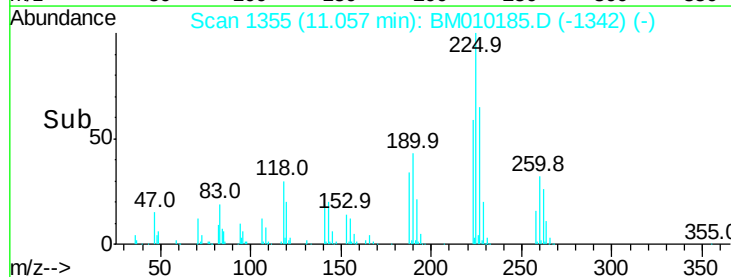
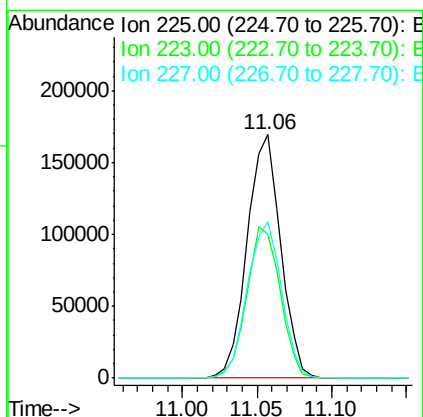
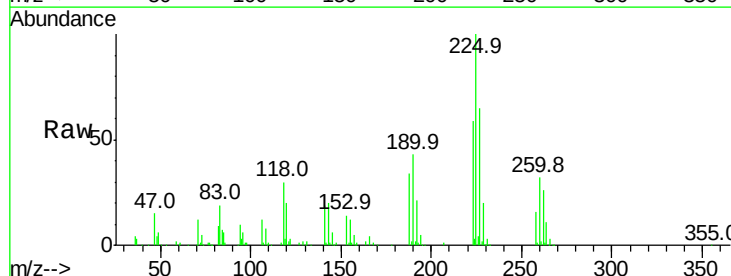
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MSD

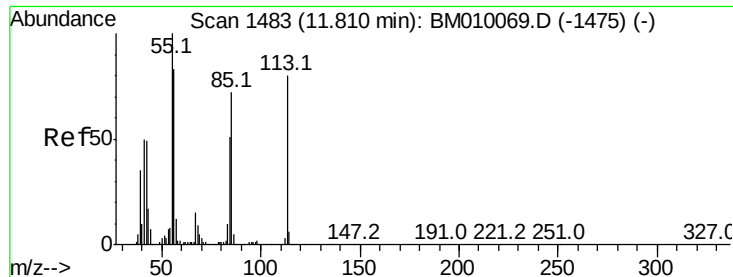
Tot Ion:	127	Resp:	101706
Ion	Ratio	Lower	Upper
127	100		
129	29.7	25.3	37.9
65	40.8	17.6	26.4
92	25.9	13.1	19.7



#34
Hexachlorobutadiene
Concen: 40.99 ng
RT: 11.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

Tgt Ion:	225	Resp:	262191
Ion	Ratio	Lower	Upper
225	100		
223	59.2	47.9	71.9
227	64.6	50.1	75.1

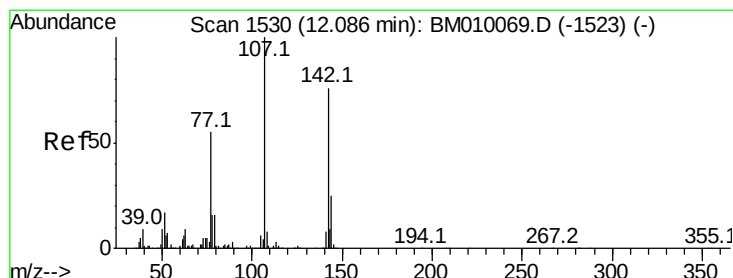
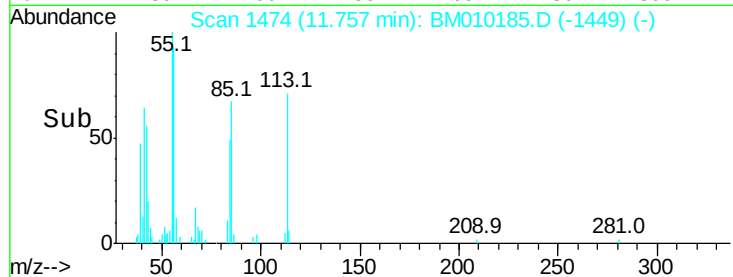
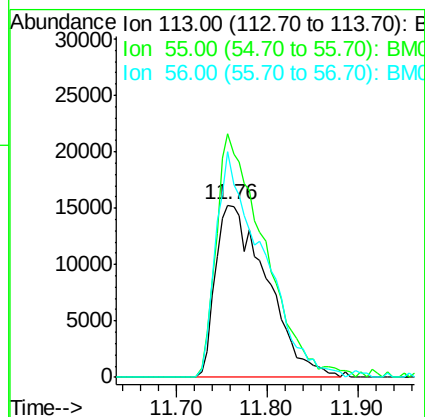
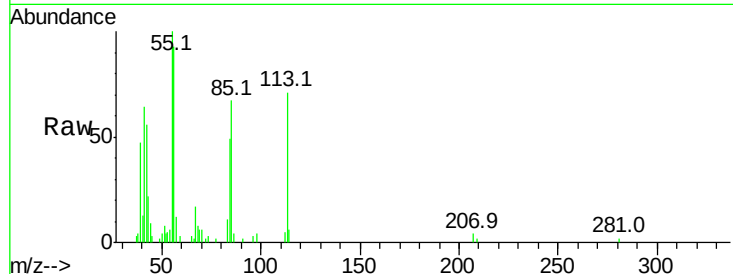




#35
 Caprolactam
 Concen: 28.17 ng
 RT: 11.76 min Scan# 1474
 Delta R.T. -0.05 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

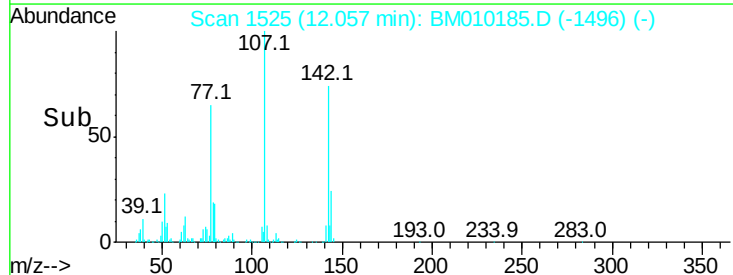
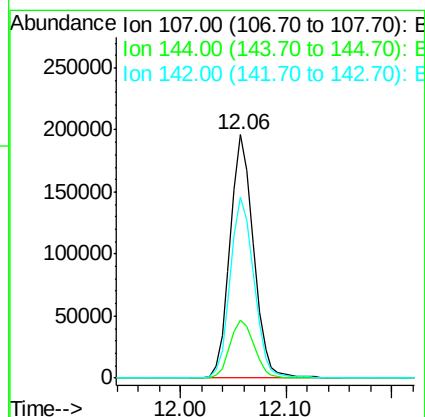
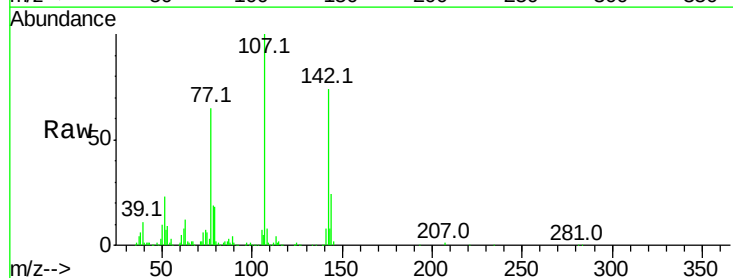
Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MSD

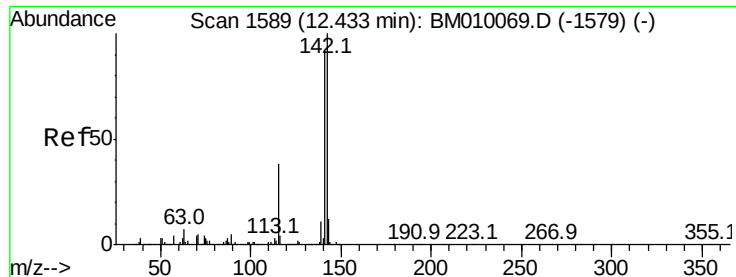
Tot Ion	Ratio	Lower	Upper
113	100		
55	141.3	145.9	185.9#
56	131.2	101.0	141.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.70 ng
 RT: 12.06 min Scan# 1525
 Delta R.T. -0.03 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	23.3	34.9
142	74.2	72.6	109.0

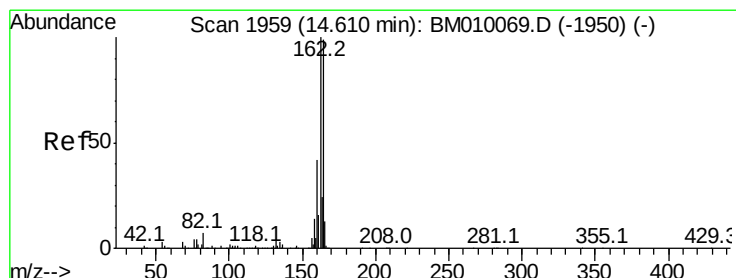
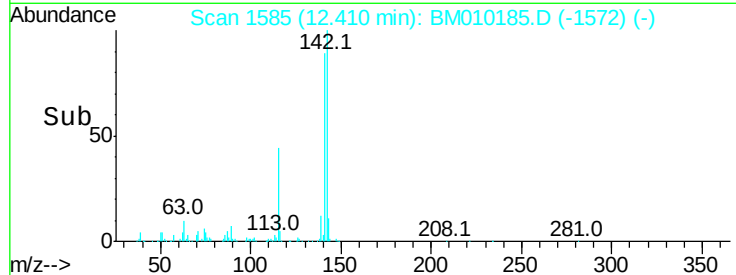
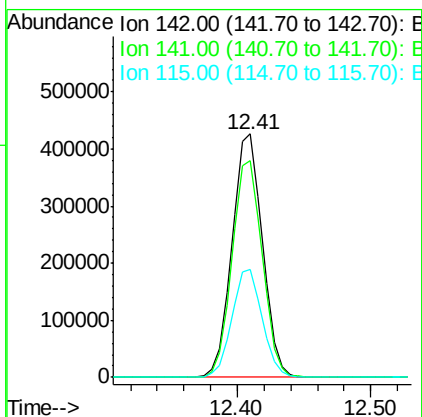
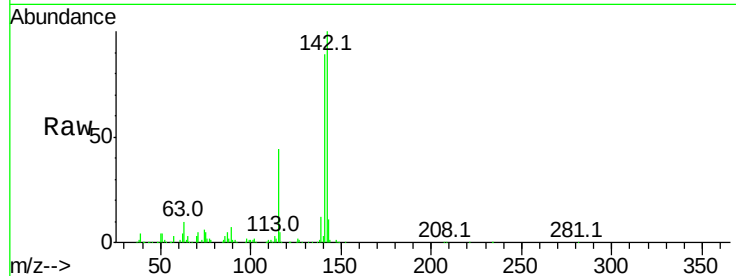




#37
 2-Methylnaphthalene
 Concen: 39.55 ng
 RT: 12.41 min Scan# 1585
 Delta R.T. -0.02 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

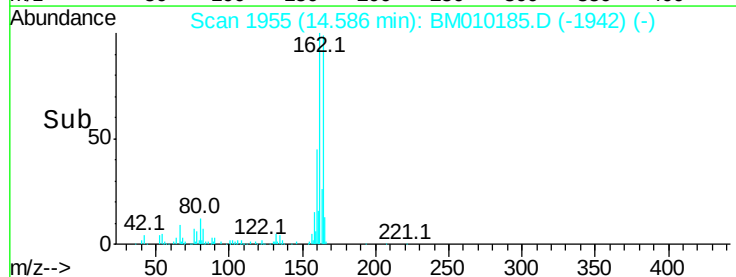
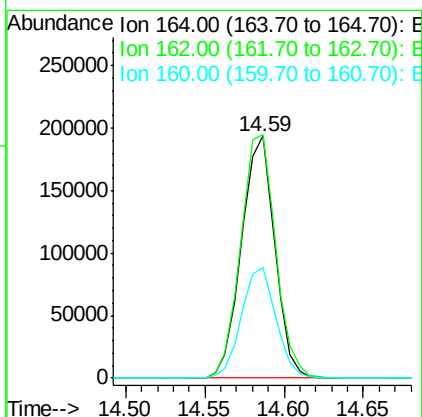
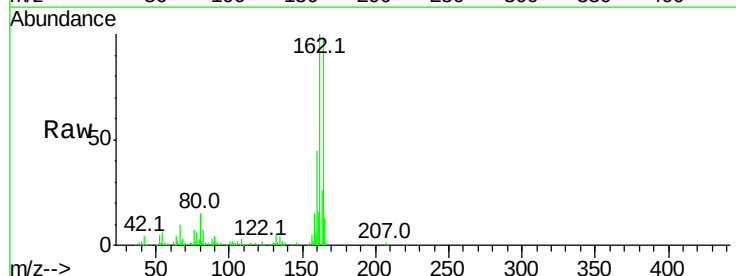
Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MSD

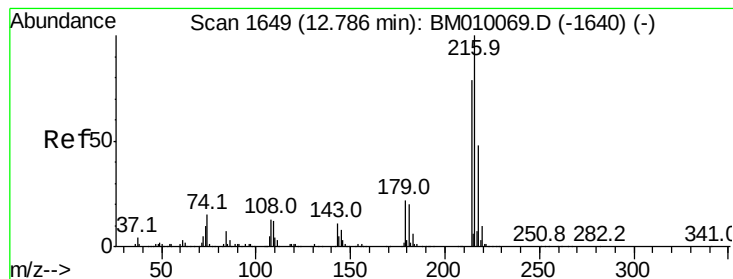
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9
115	44.2	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.4	123.6
160	45.5	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.88 ng

RT: 12.76 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

Tot Ion:216 Resp: 443421

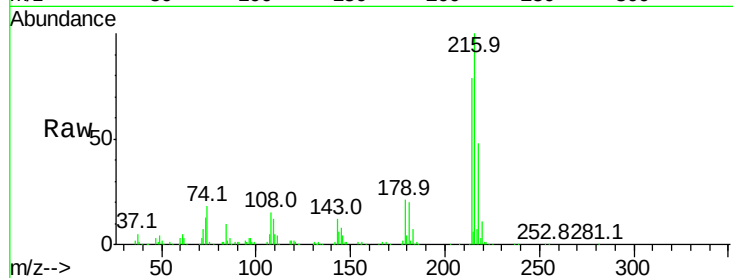
Ion Ratio Lower Upper

216 100

214 77.8 0.0 0.0#

179 21.4 0.0 0.0#

108 15.2 0.0 0.0#

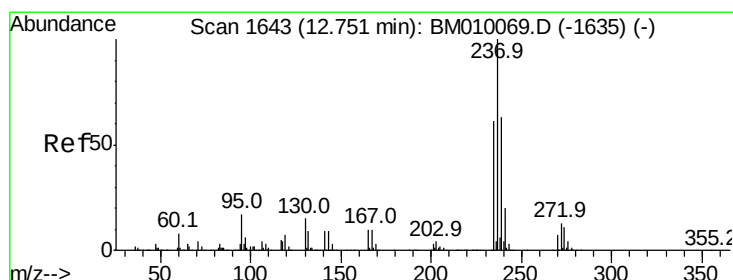
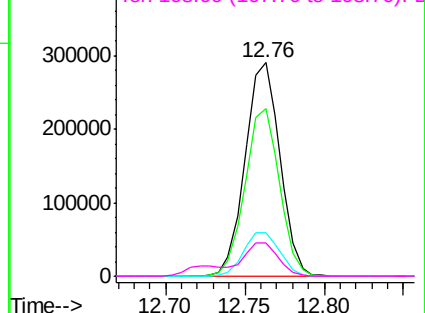
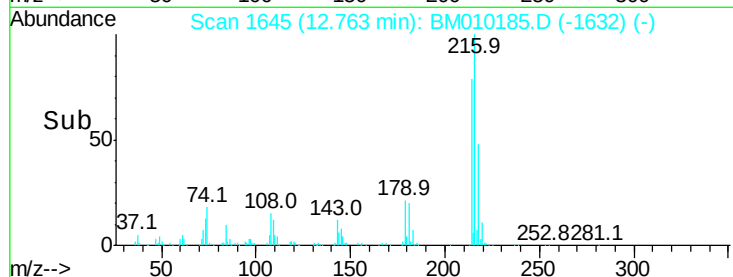


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 97.68 ng

RT: 12.73 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

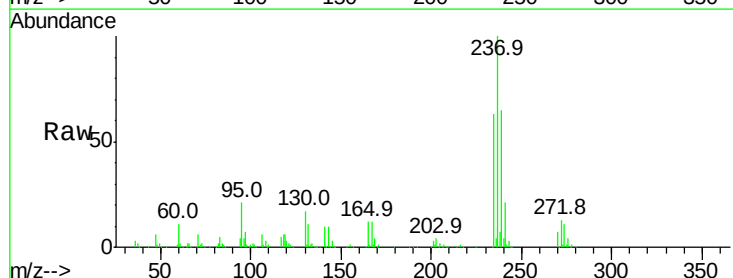
Tgt Ion:237 Resp: 611699

Ion Ratio Lower Upper

237 100

235 63.4 42.0 82.0

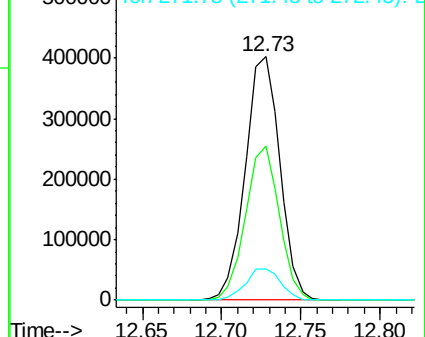
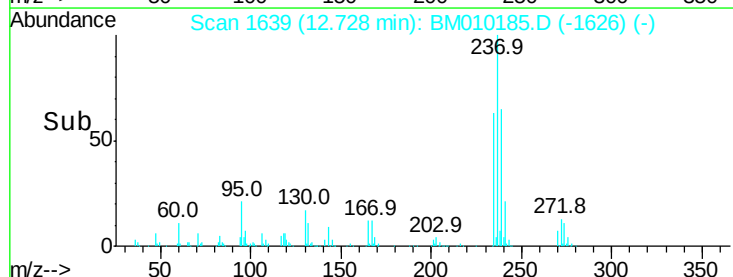
272 12.7 0.0 33.4

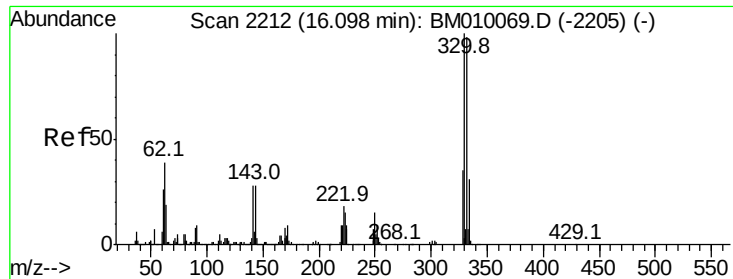


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 135.87 ng

RT: 16.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

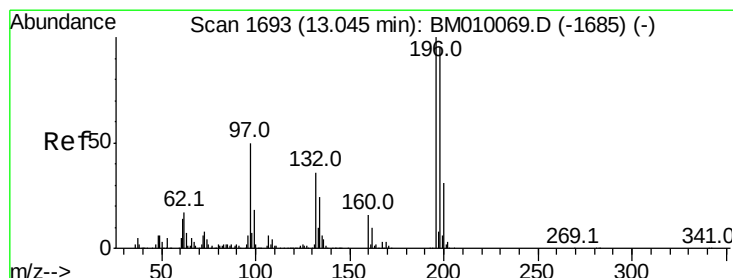
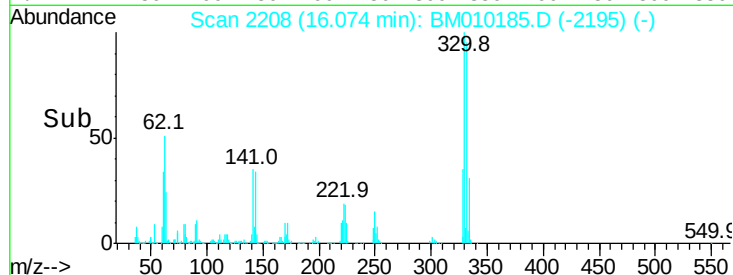
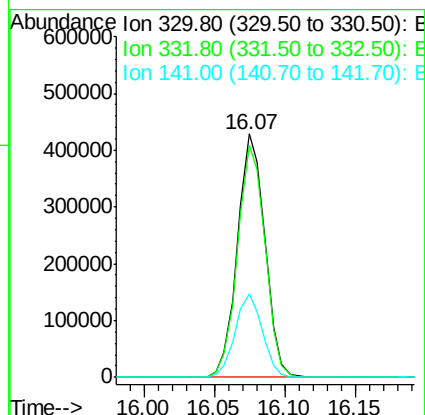
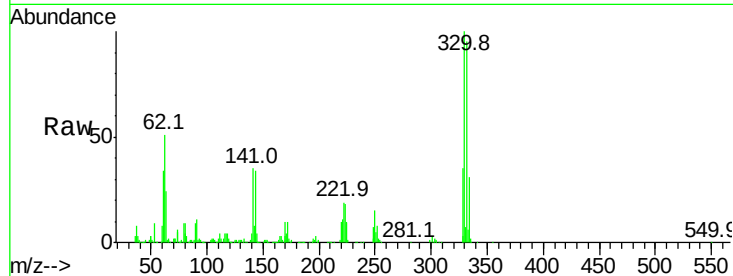
Tot Ion:330 Resp: 581999

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

141 34.3 0.0 0.0#



#42

2,4,6-Trichlorophenol

Concen: 42.79 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

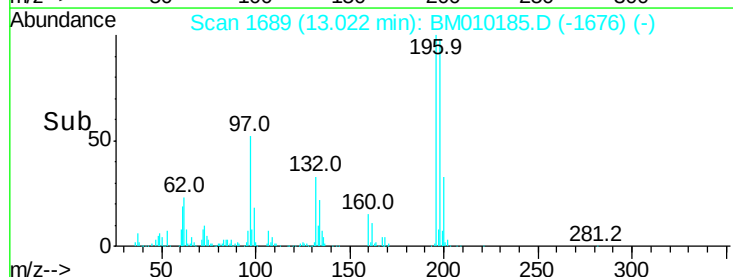
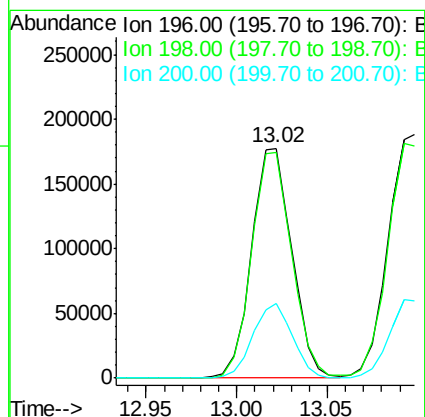
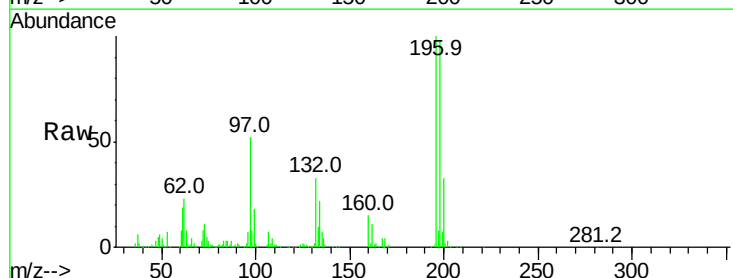
Tgt Ion:196 Resp: 273379

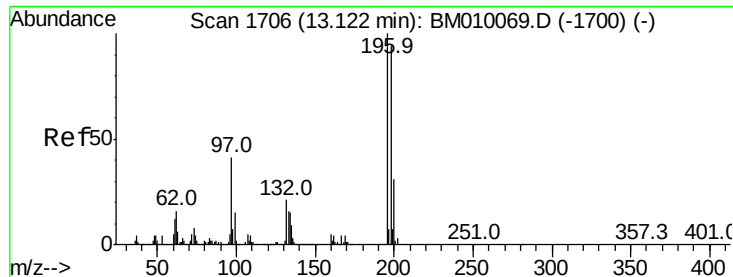
Ion Ratio Lower Upper

196 100

198 98.0 76.3 114.5

200 32.6 25.6 38.4

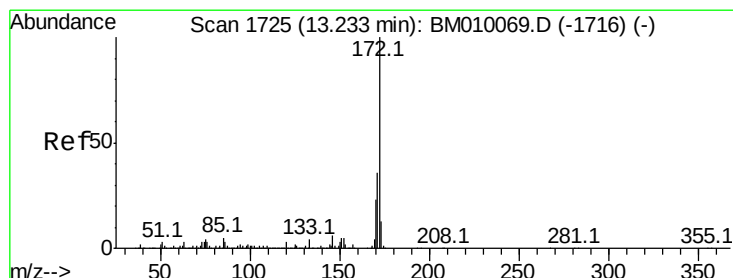
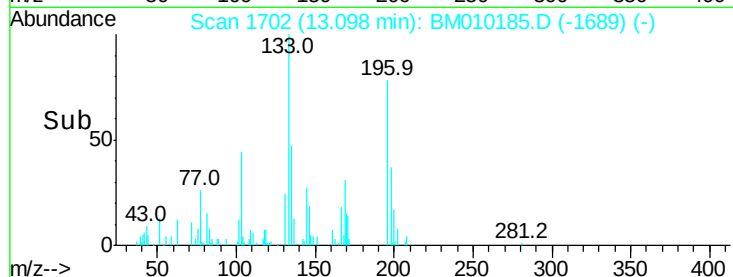
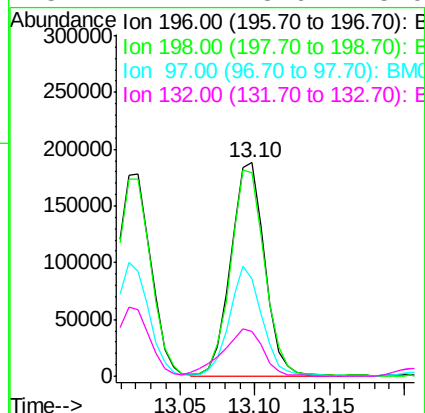
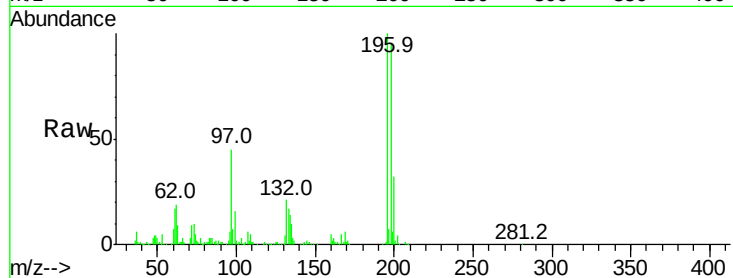




#43
 2,4,5-Trichlorophenol
 Concen: 42.23 ng
 RT: 13.10 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

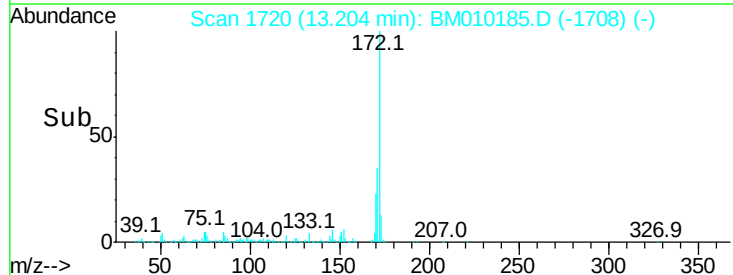
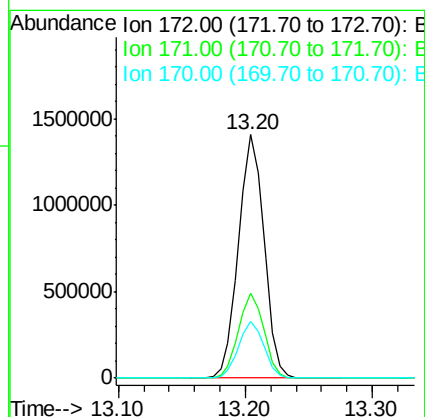
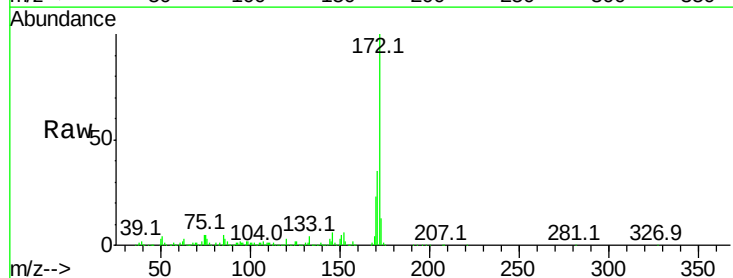
Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MSD

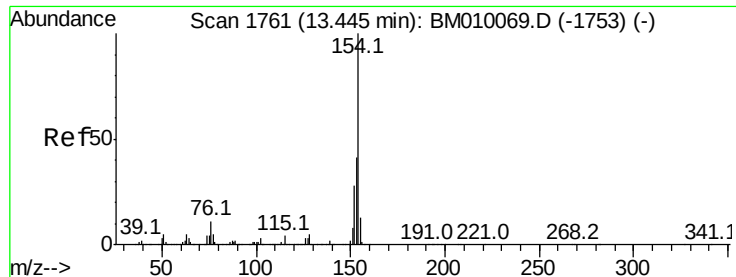
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	79.4	119.0
97	45.3	26.8	40.2
132	21.2	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 89.35 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.0	18.8	28.2





#45

1,1'-Biphenyl

Concen: 38.99 ng

RT: 13.42 min Scan# 1756

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

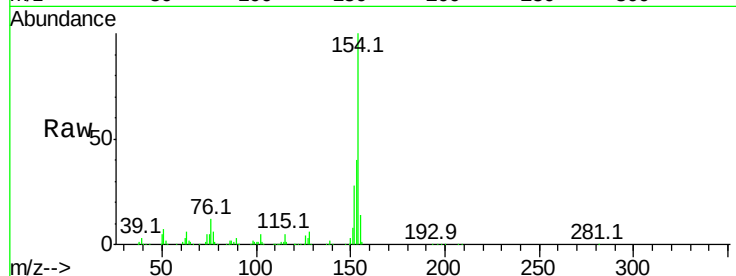
Tot Ion:154 Resp: 904330

Ion Ratio Lower Upper

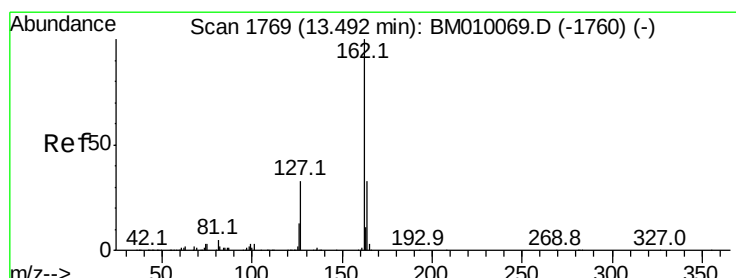
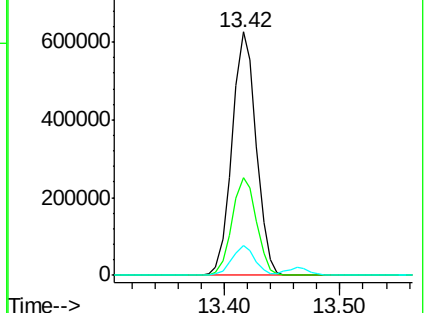
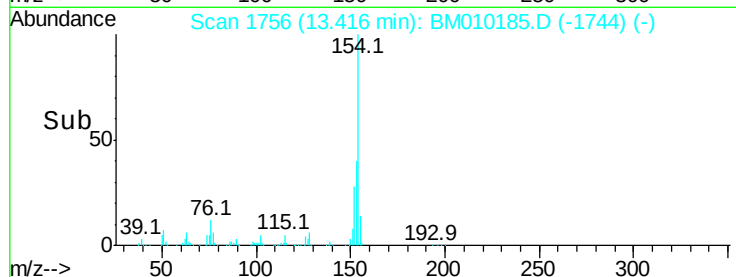
154 100

153 40.2 20.7 60.7

76 12.0 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 38.57 ng

RT: 13.46 min Scan# 1764

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

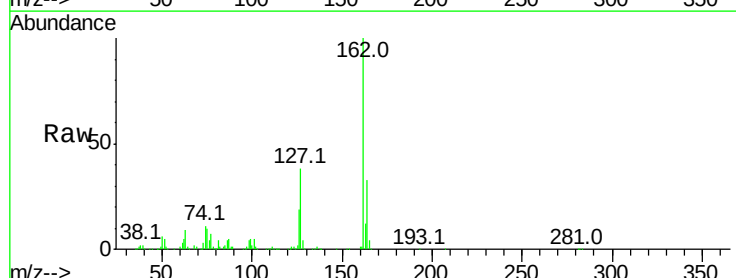
Tgt Ion:162 Resp: 724303

Ion Ratio Lower Upper

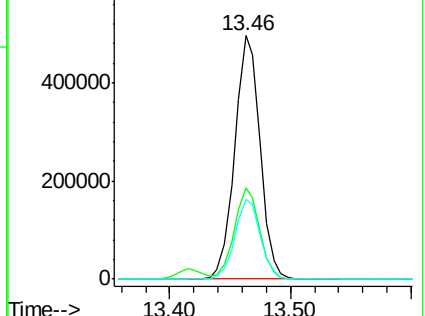
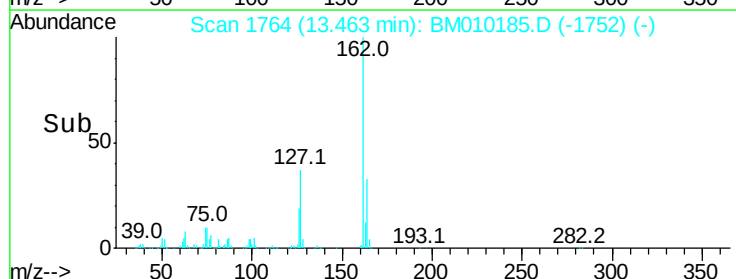
162 100

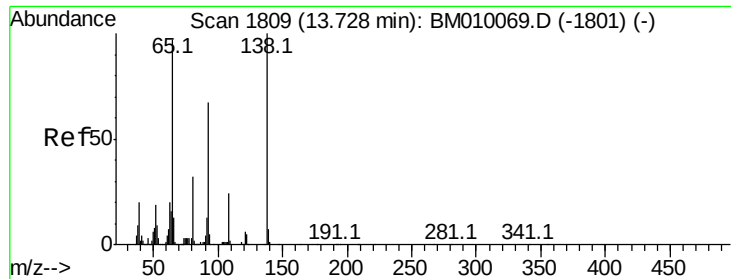
127 37.7 26.9 40.3

164 33.0 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.17 ng

RT: 13.70 min Scan# 1805

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

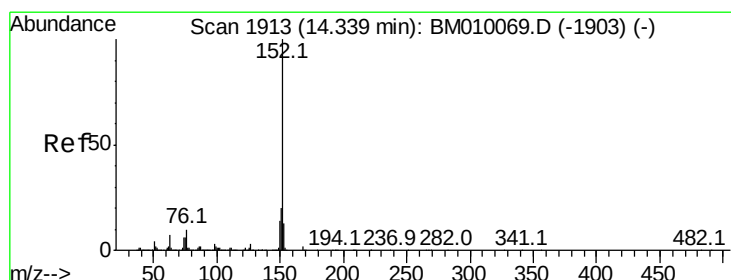
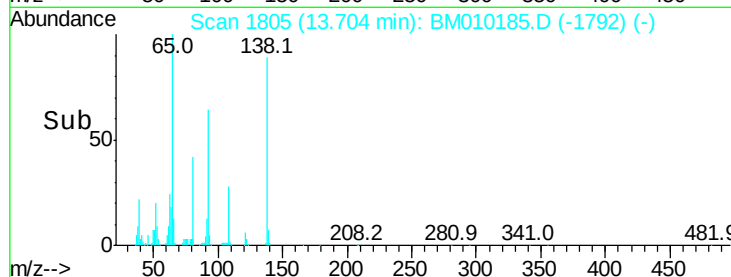
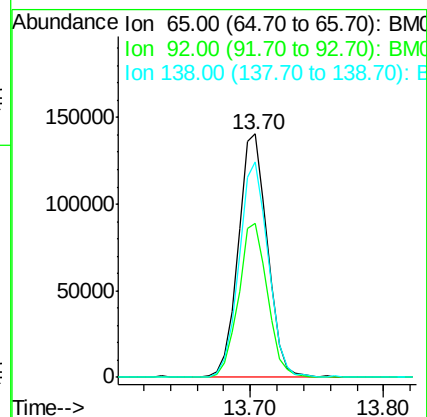
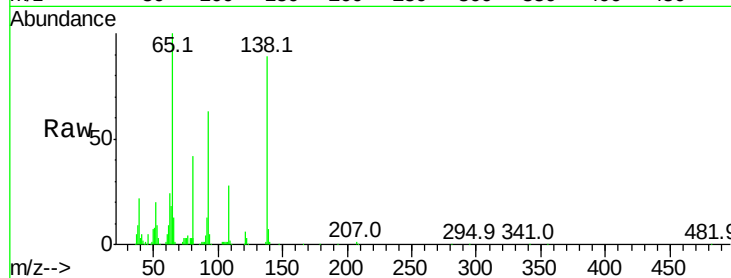
Tot Ion: 65 Resp: 213272

Ion Ratio Lower Upper

65 100

92 63.5 59.1 88.7

138 88.7 93.9 140.9#



#48

Acenaphthylene

Concen: 39.73 ng

RT: 14.31 min Scan# 1908

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

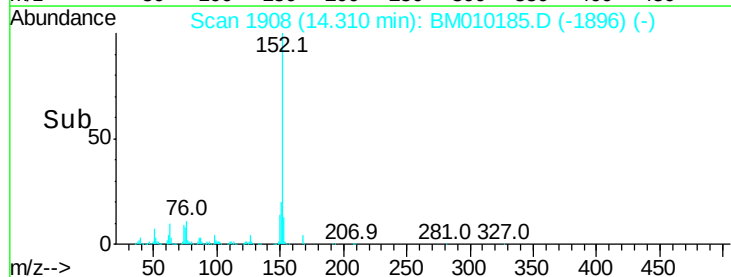
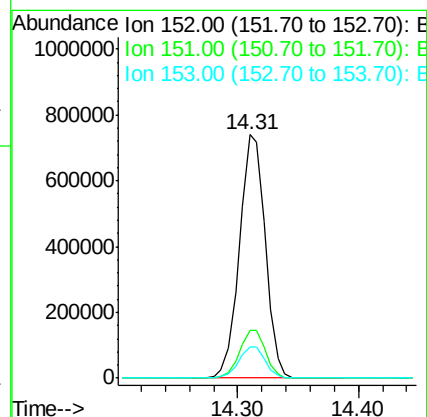
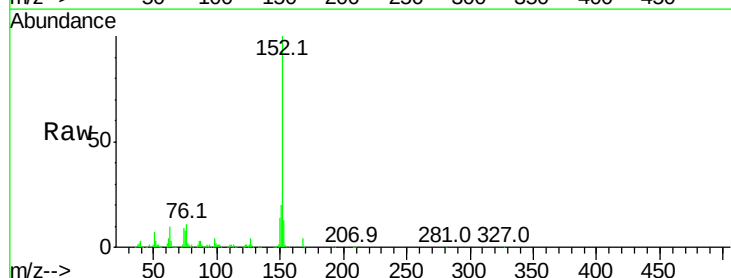
Tgt Ion: 152 Resp: 1103321

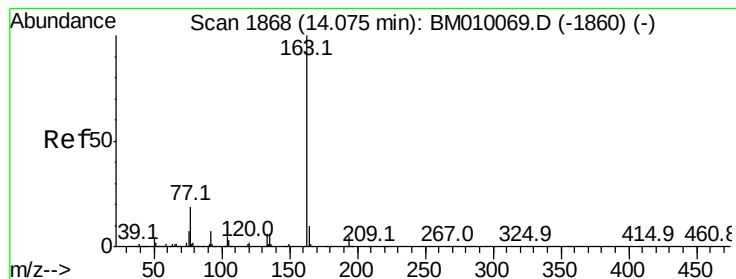
Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.0 10.6 16.0





#49

Dimethylphthalate

Concen: 37.24 ng

RT: 14.05 min Scan# 1863

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

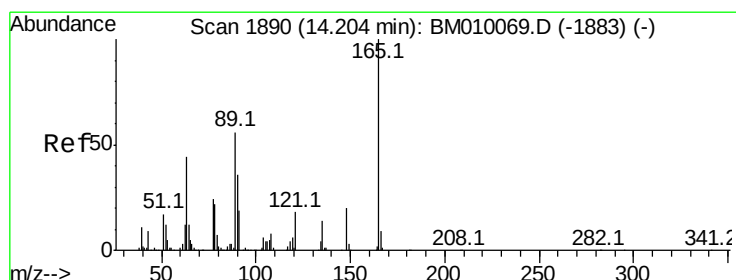
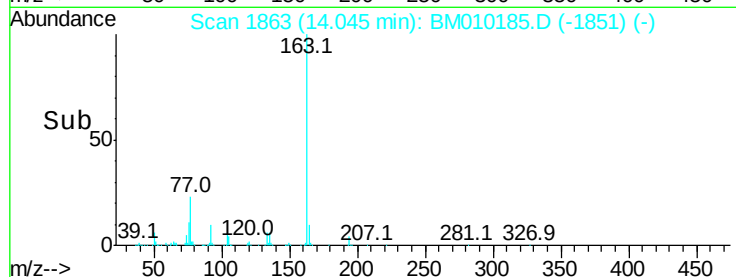
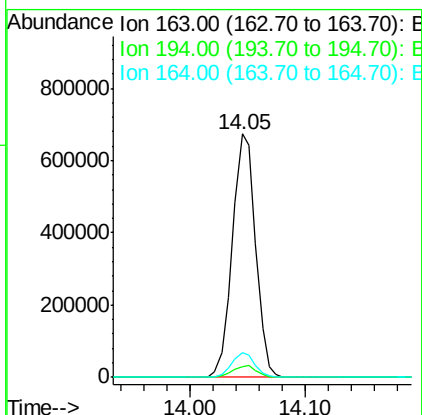
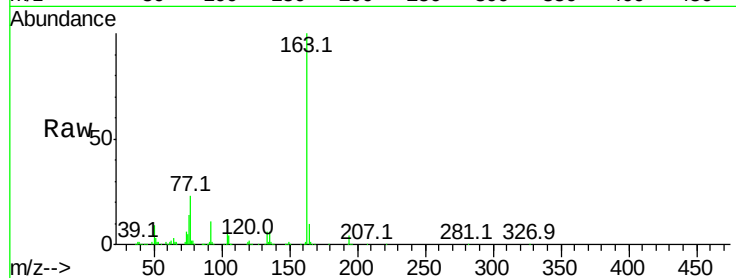
Tot Ion:163 Resp: 936953

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

164 10.2 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 41.64 ng

RT: 14.18 min Scan# 1886

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

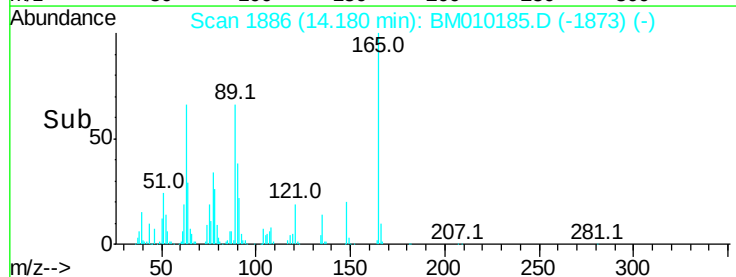
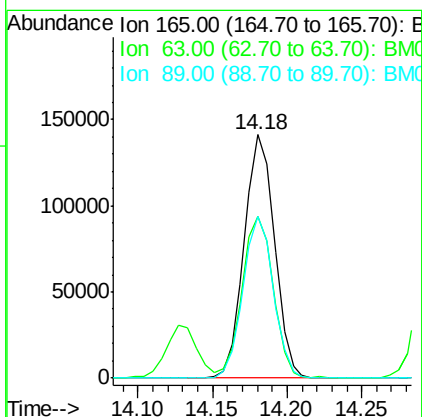
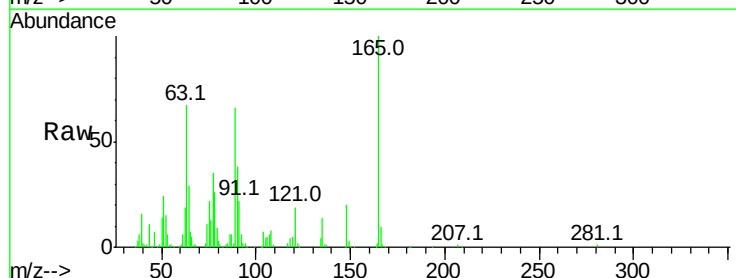
Tgt Ion:165 Resp: 198912

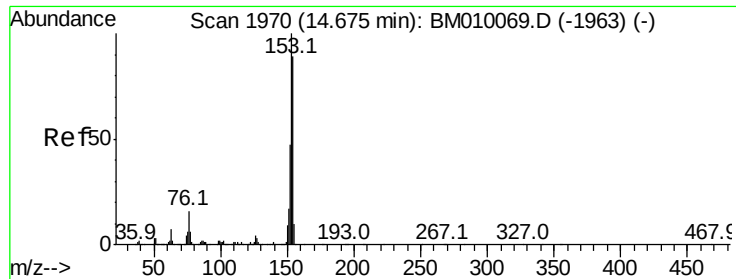
Ion Ratio Lower Upper

165 100

63 66.5 44.1 66.1#

89 66.5 44.3 66.5#





#51

Acenaphthene

Concen: 39.43 ng

RT: 14.65 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

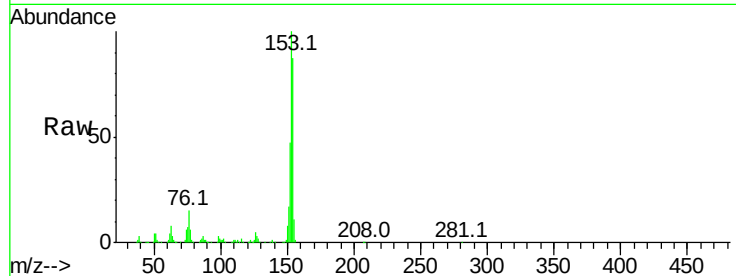
Tot Ion:154 Resp: 680538

Ion Ratio Lower Upper

154 100

153 114.8 90.0 135.0

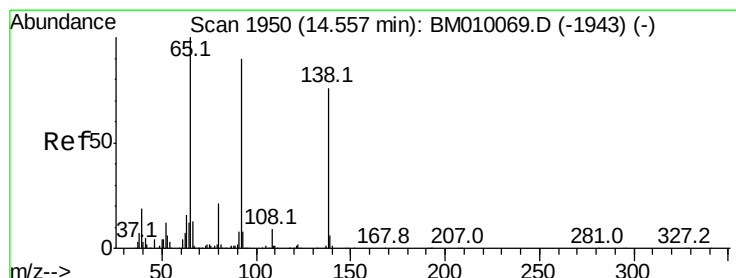
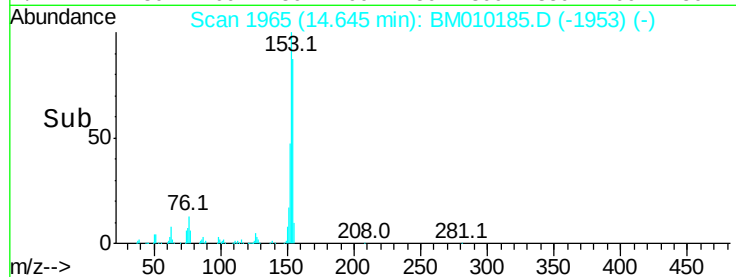
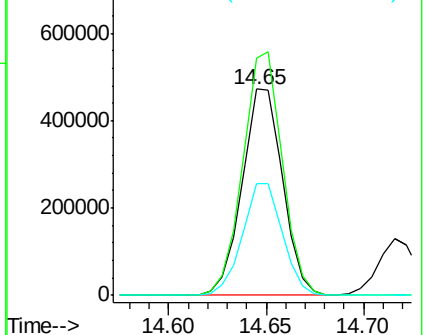
152 54.0 42.6 63.8



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



#52

3-Nitroaniline

Concen: 32.56 ng

RT: 14.53 min Scan# 1945

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

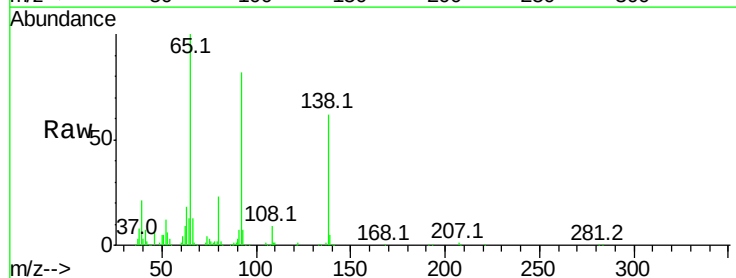
Tgt Ion:138 Resp: 144583

Ion Ratio Lower Upper

138 100

108 14.1 7.3 10.9#

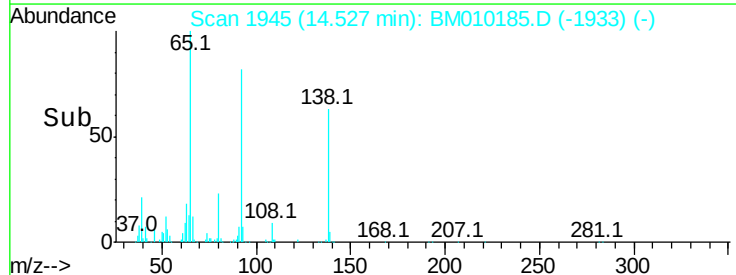
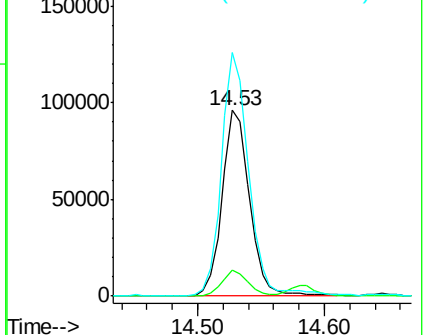
92 131.2 76.6 114.8#

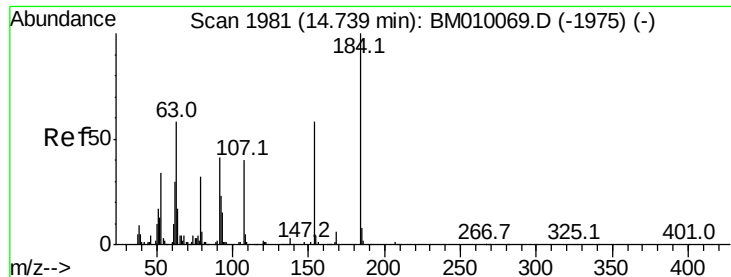


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

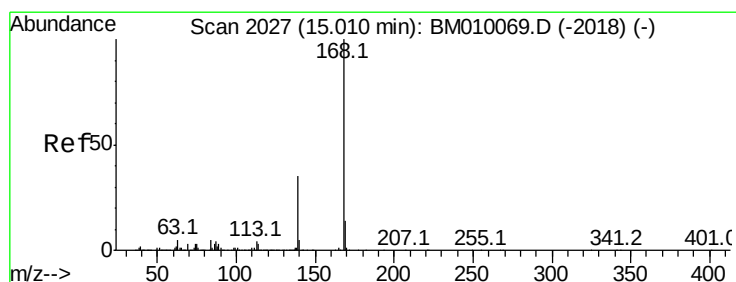
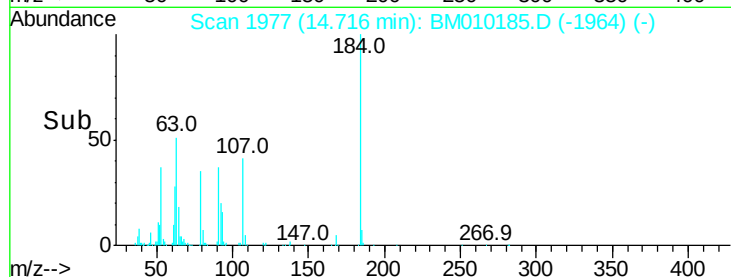
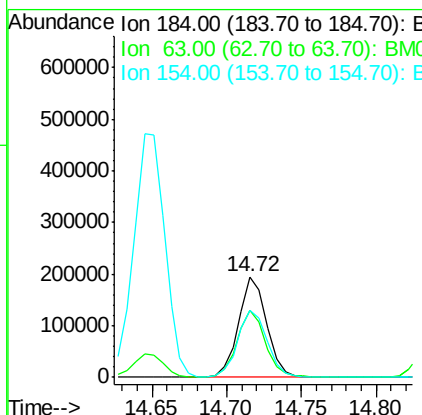
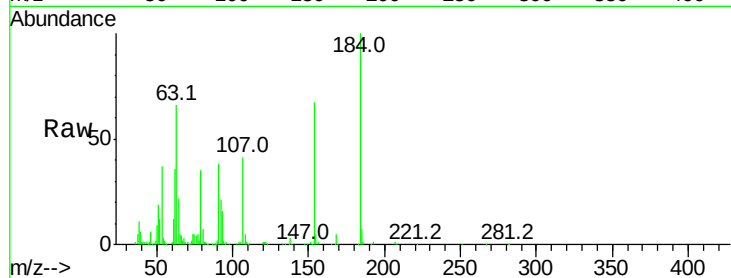




#53
2,4-Dinitrophenol
Concen: 80.72 ng
RT: 14.72 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

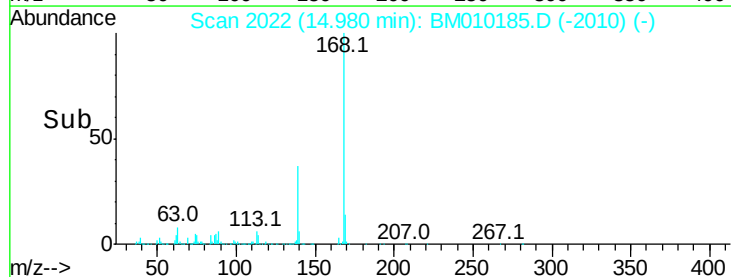
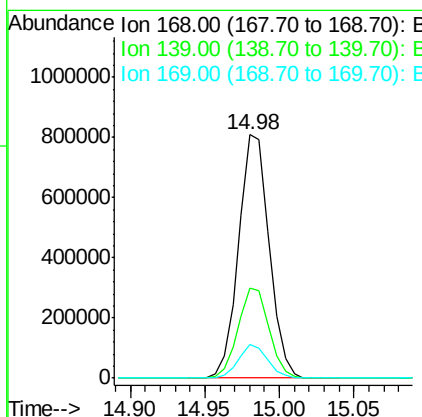
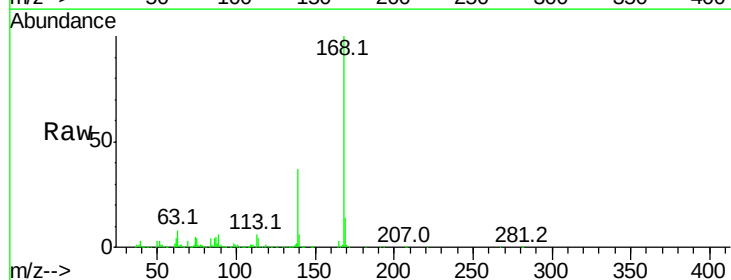
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MSD

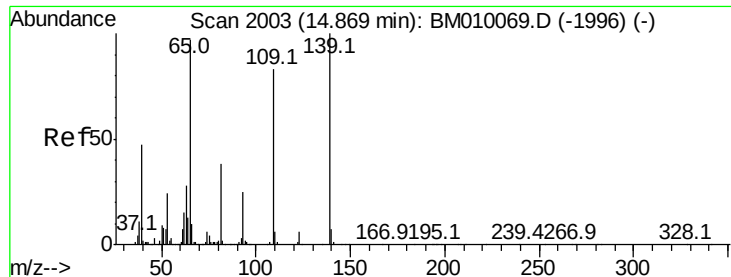
Tot Ion:184 Resp: 256401
Ion Ratio Lower Upper
184 100
63 66.5 69.2 103.8#
154 66.6 53.3 79.9



#54
Dibenzofuran
Concen: 42.36 ng
RT: 14.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

Tgt Ion:168 Resp: 1149802
Ion Ratio Lower Upper
168 100
139 36.8 27.3 40.9
169 13.7 10.6 16.0

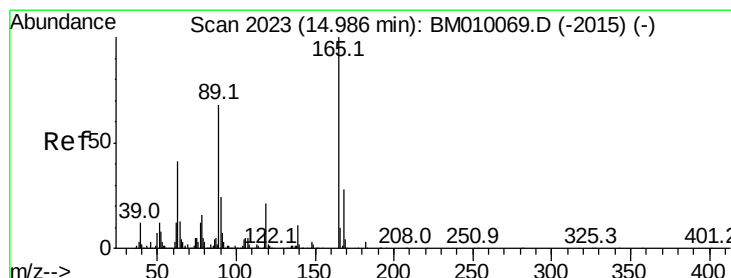
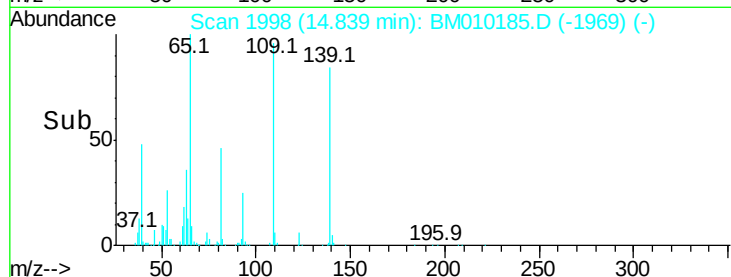
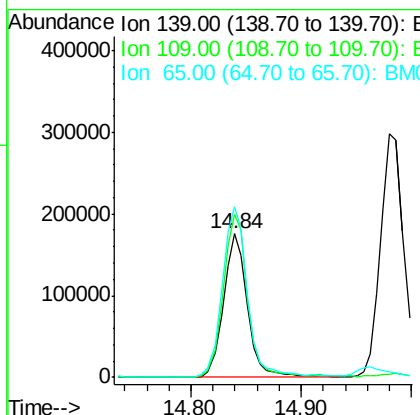
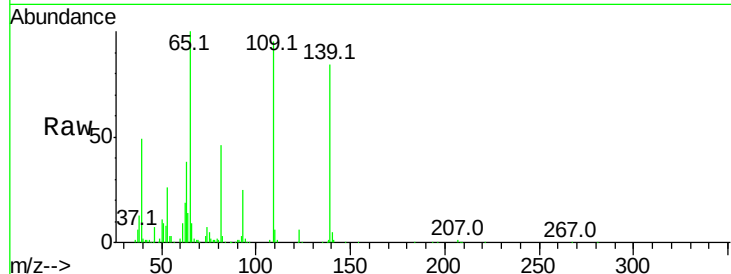




#55
4-Nitrophenol
Concen: 74.78 ng
RT: 14.84 min Scan# 1998
Delta R.T. -0.03 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

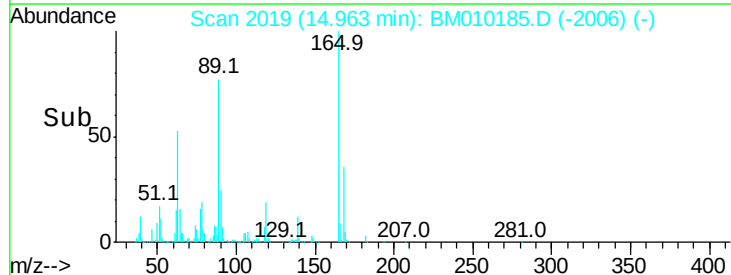
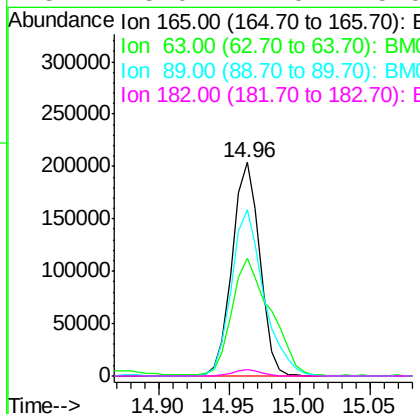
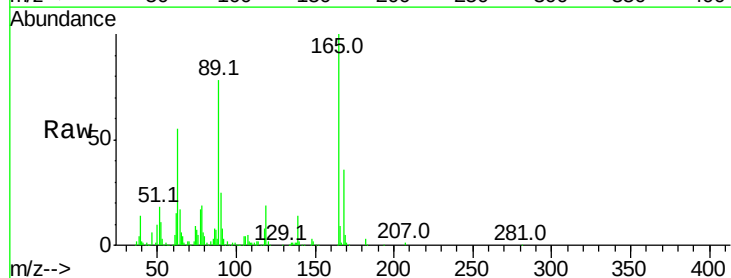
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MSD

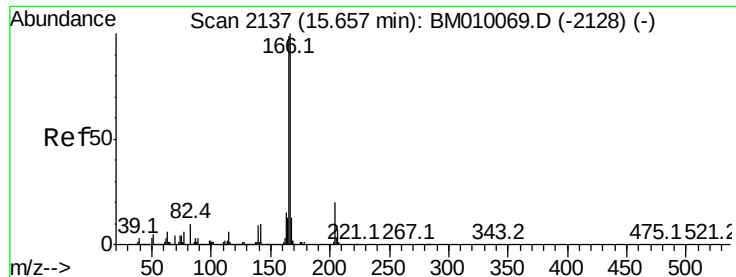
Tot Ion:139 Resp: 267221
Ion Ratio Lower Upper
139 100
109 113.1 37.7 77.7#
65 118.6 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 41.17 ng
RT: 14.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

Tgt Ion:165 Resp: 278284
Ion Ratio Lower Upper
165 100
63 55.1 52.4 78.6
89 77.7 72.4 108.6
182 3.0 2.0 3.0





#57

Fluorene

Concen: 39.99 ng

RT: 15.63 min Scan# 2132

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

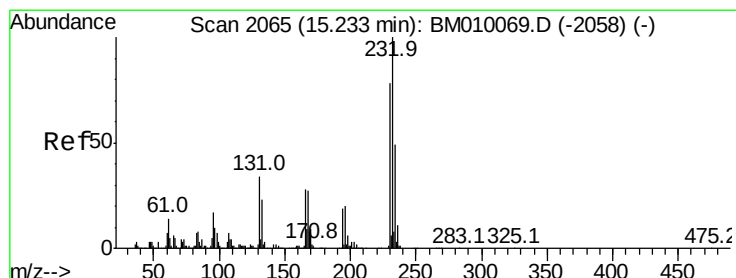
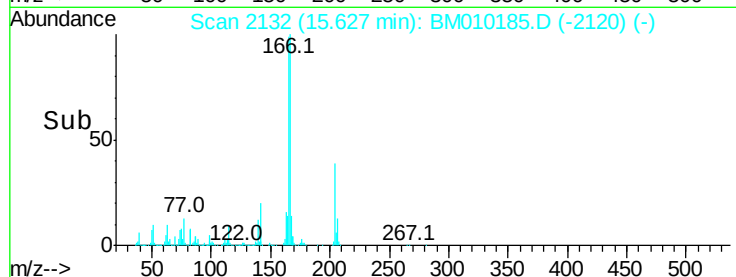
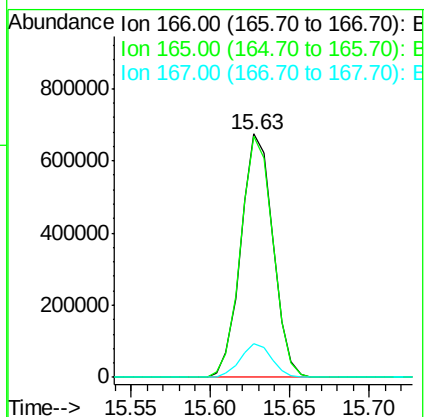
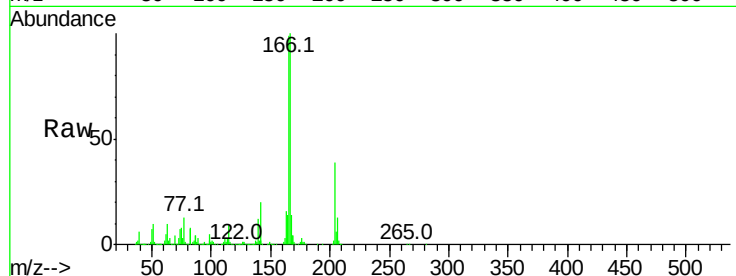
Tot Ion:166 Resp: 943923

Ion Ratio Lower Upper

166 100

165 98.8 79.0 118.4

167 13.6 10.3 15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.27 ng

RT: 15.20 min Scan# 2060

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Tgt Ion:232 Resp: 284212

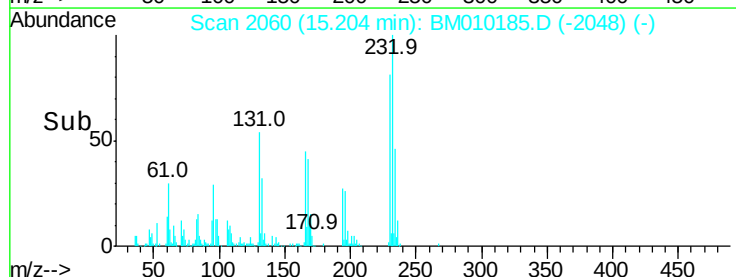
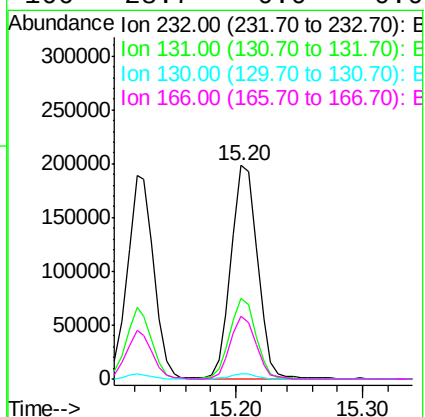
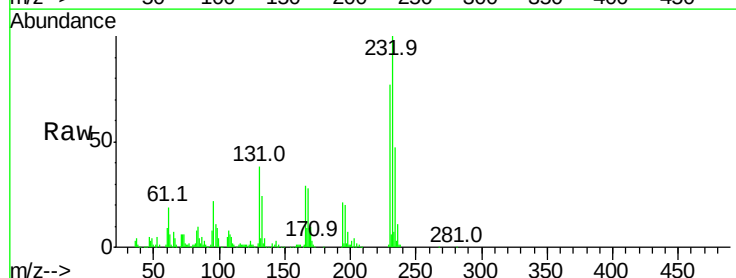
Ion Ratio Lower Upper

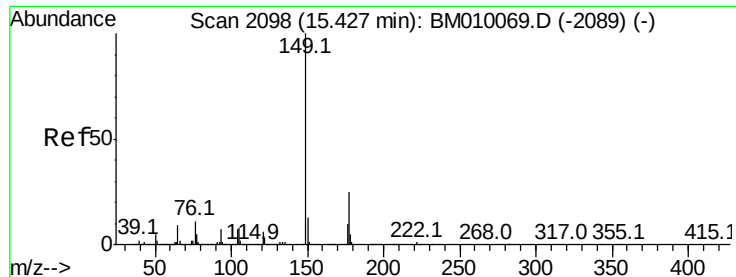
232 100

131 37.7 0.0 0.0#

130 2.3 0.0 0.0#

166 28.7 0.0 0.0#





#59

Diethylphthalate

Concen: 37.53 ng

RT: 15.40 min Scan# 2093

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

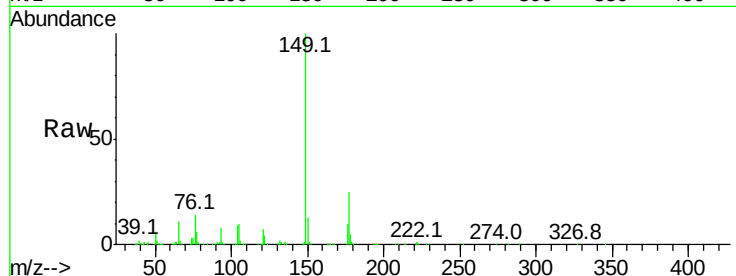
Tot Ion:149 Resp: 892617

Ion Ratio Lower Upper

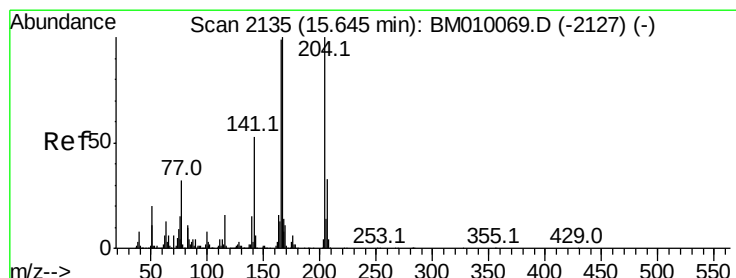
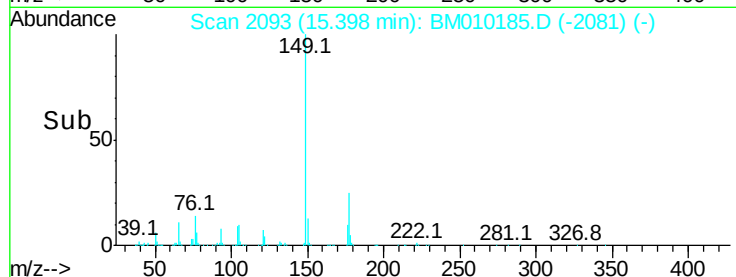
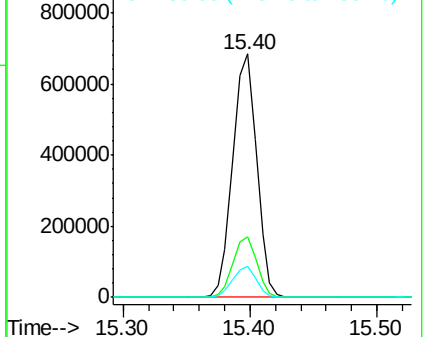
149 100

177 24.9 18.3 27.5

150 12.6 9.8 14.8



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



#60

4-Chlorophenyl-phenylether

Concen: 39.99 ng

RT: 15.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

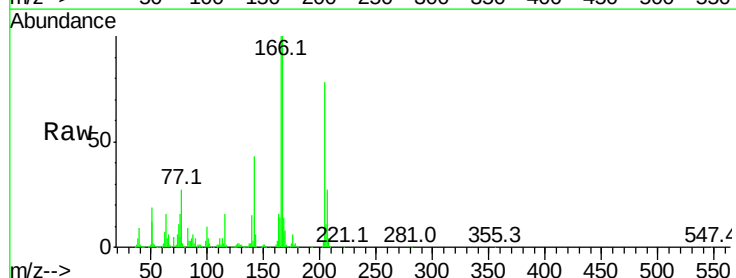
Tgt Ion:204 Resp: 530008

Ion Ratio Lower Upper

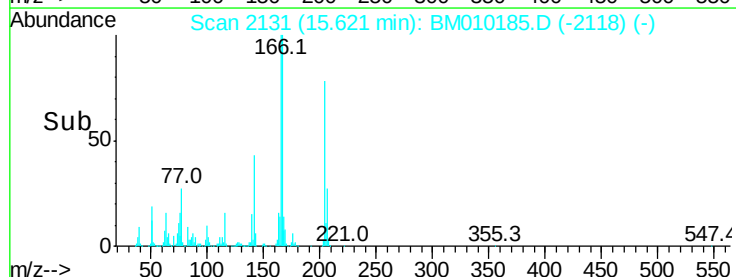
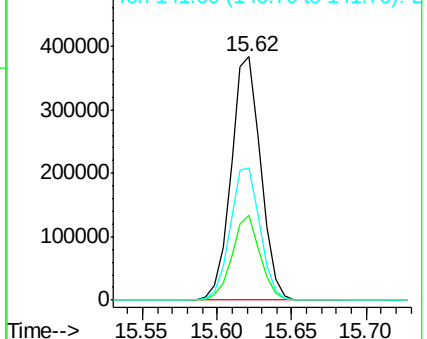
204 100

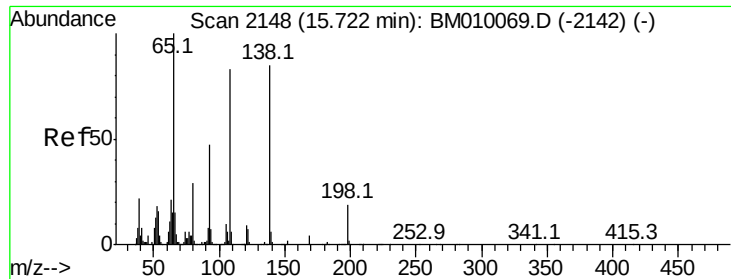
206 34.7 26.6 39.8

141 54.5 45.2 67.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

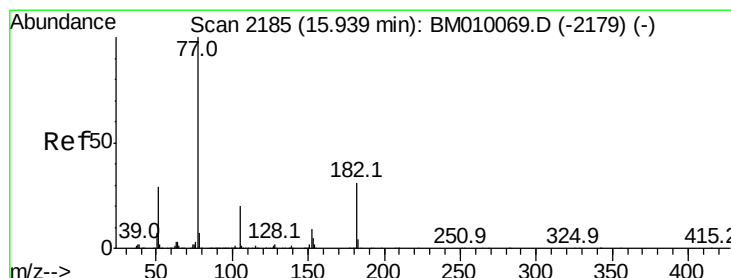
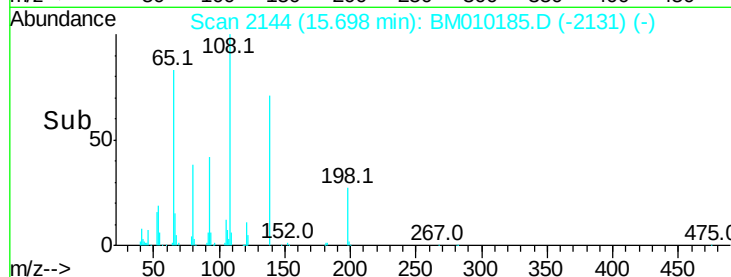
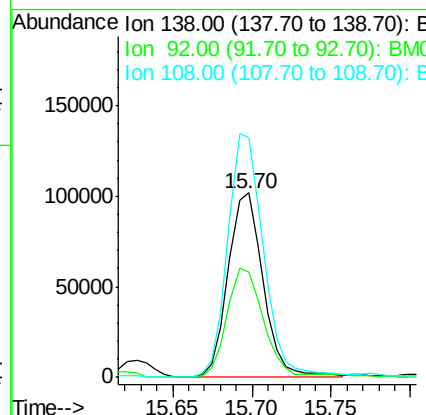
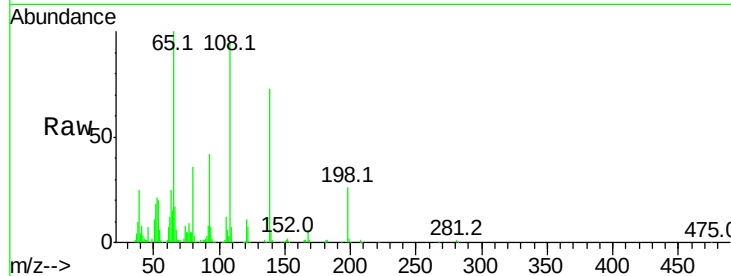




#61
4-Nitroaniline
Concen: 34.94 ng
RT: 15.70 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

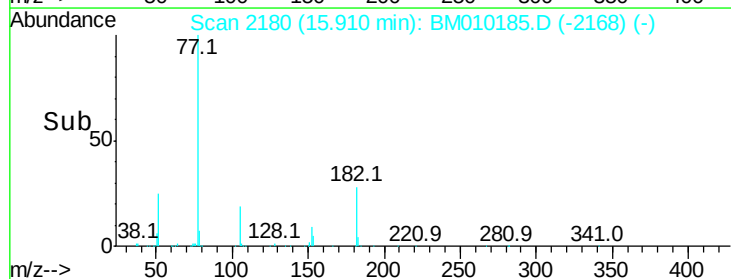
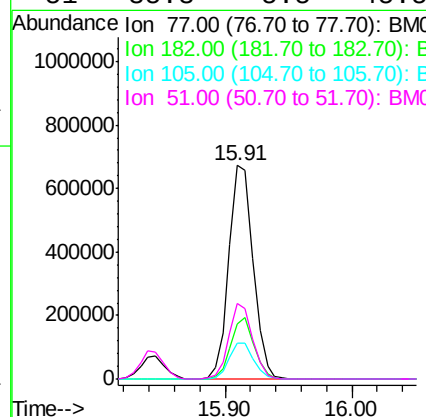
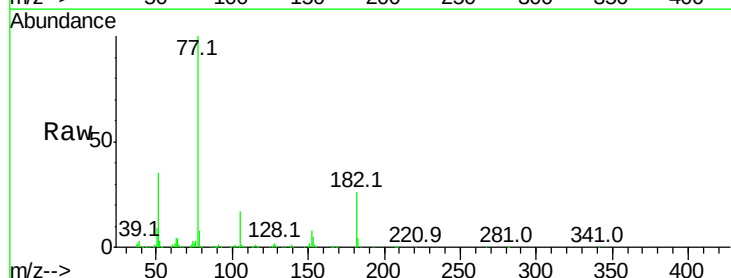
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MSD

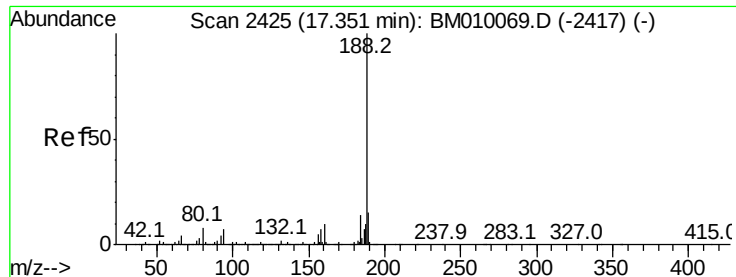
Tot Ion:138 Resp: 157488
Ion Ratio Lower Upper
138 100
92 57.4 16.7 56.7#
108 129.9 37.6 77.6#



#62
Azobenzene
Concen: 50.85 ng
RT: 15.91 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

Tgt Ion: 77 Resp: 889399
Ion Ratio Lower Upper
77 100
182 25.6 6.5 46.5
105 17.0 3.8 43.8
51 35.3 5.5 45.5

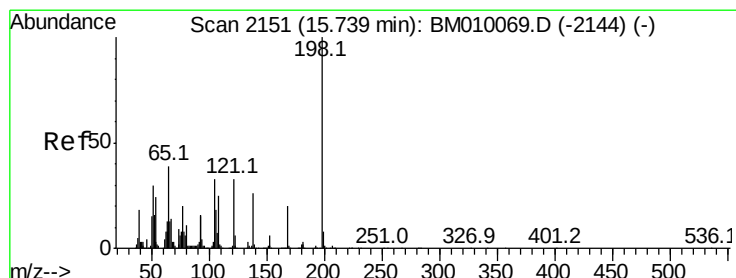
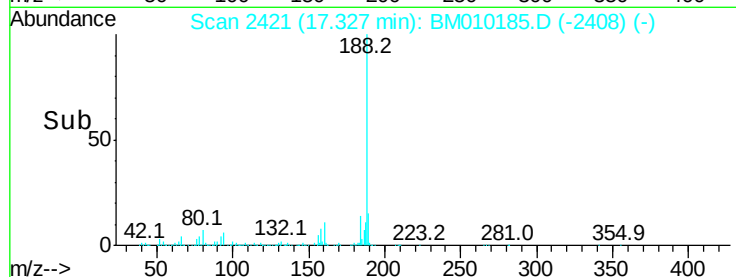
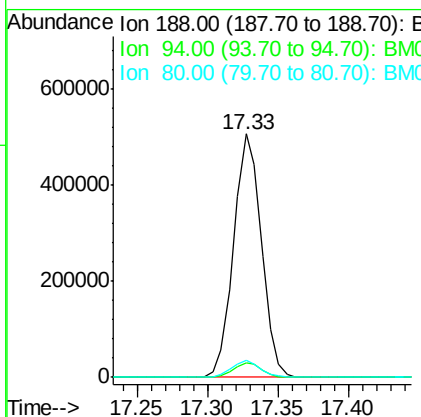
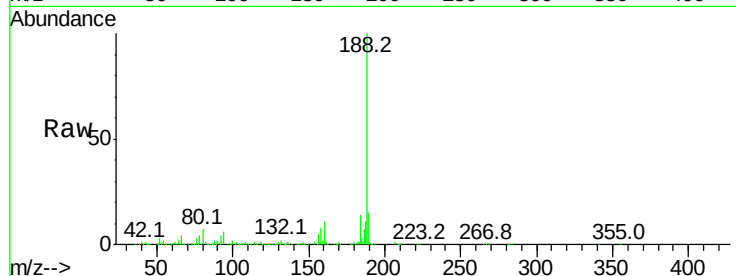




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.33 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

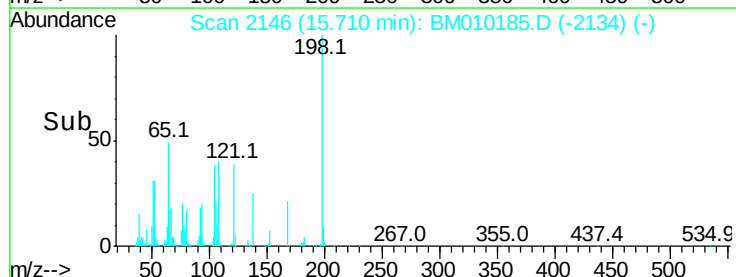
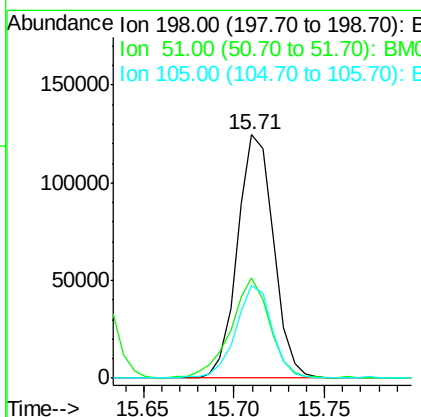
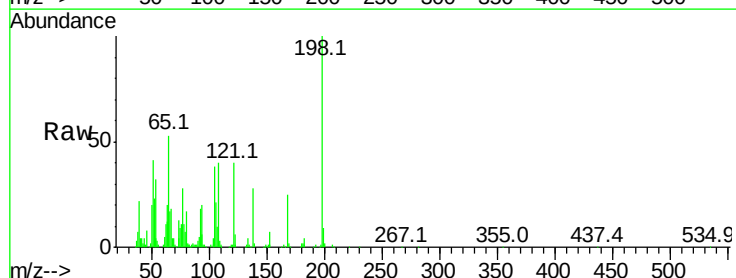
Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MSD

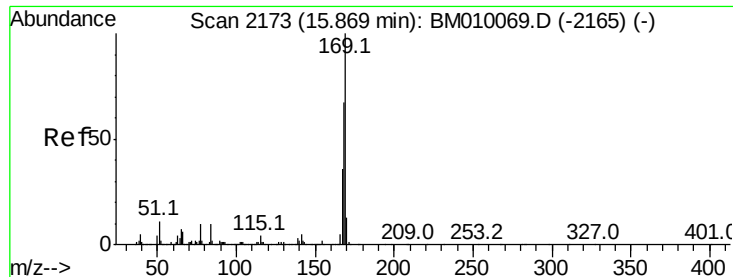
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	8.7	13.1#
80	6.9	9.3	13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.67 ng
 RT: 15.71 min Scan# 2146
 Delta R.T. -0.03 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

Tgt Ion	Ratio	Lower	Upper
198	100		
51	41.1	28.8	68.8
105	38.1	30.5	70.5

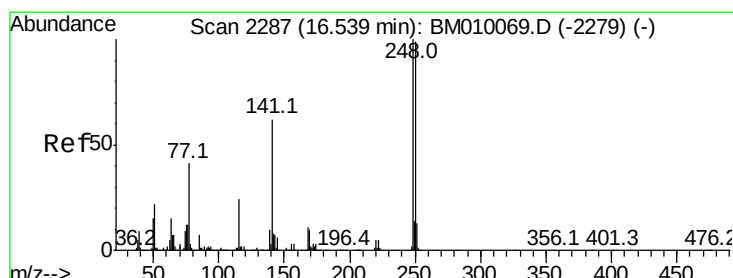
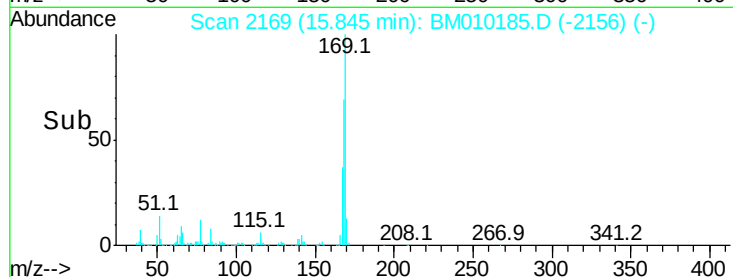
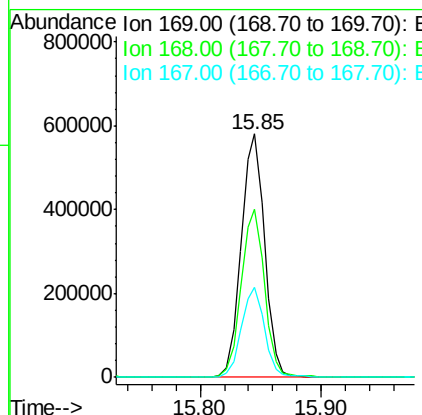
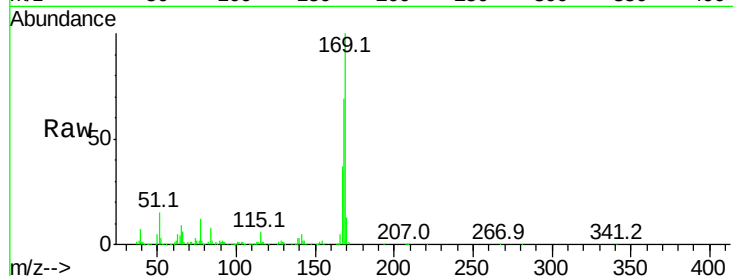




#65
n-Nitrosodiphenylamine
Concen: 37.74 ng
RT: 15.85 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

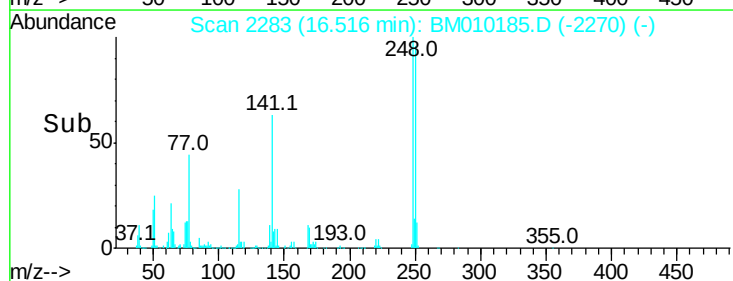
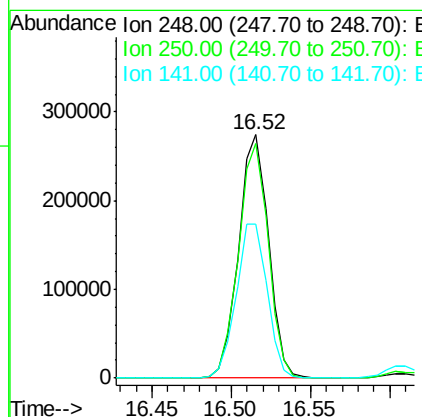
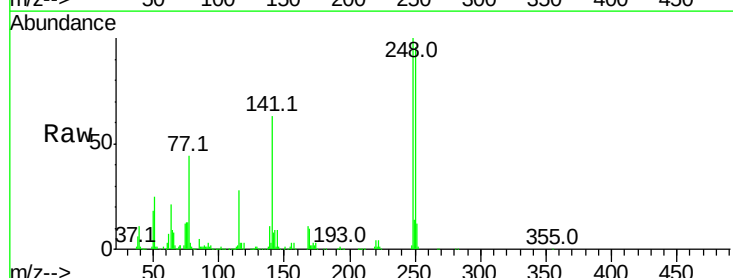
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MSD

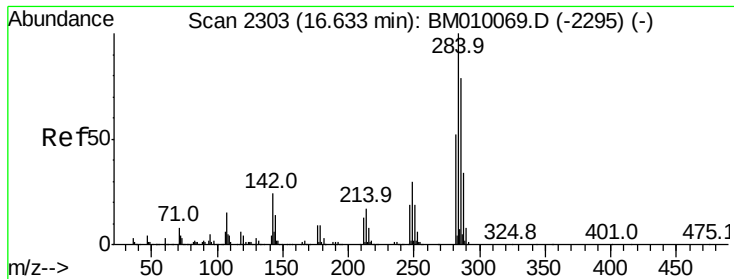
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.9	53.9	80.9
167	37.2	28.9	43.3



#66
4-Bromophenyl-phenylether
Concen: 40.21 ng
RT: 16.52 min Scan# 2283
Delta R.T. -0.02 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.4	116.0
141	63.4	45.2	67.8





#67

Hexachlorobenzene

Concen: 36.97 ng

RT: 16.61 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

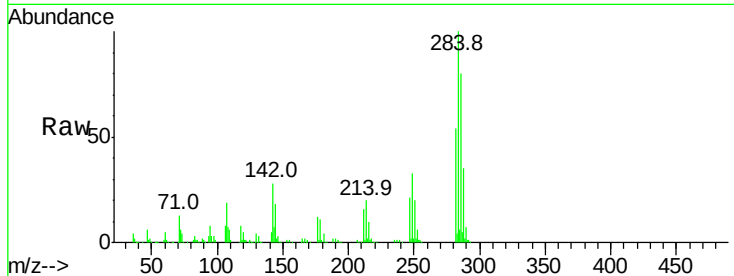
Tot Ion:284 Resp: 399528

Ion Ratio Lower Upper

284 100

142 27.6 20.4 30.6

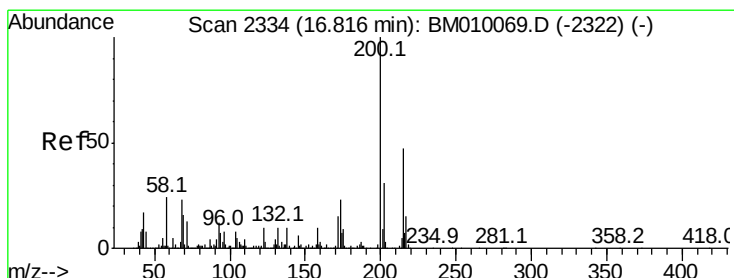
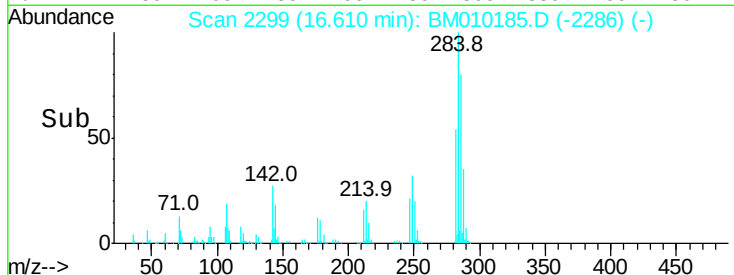
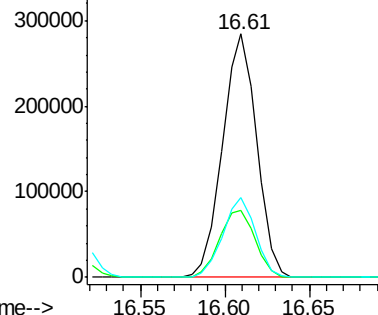
249 32.8 23.8 35.6



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



#68

Atrazine

Concen: 20.55 ng

RT: 16.79 min Scan# 2329

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

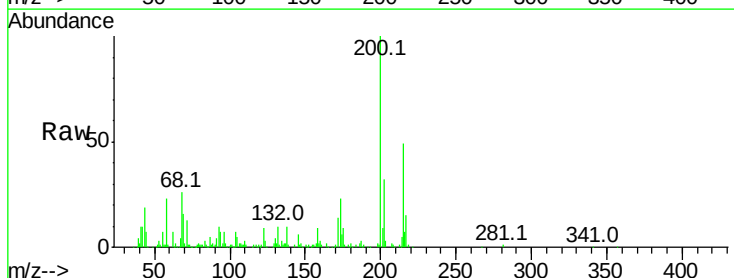
Tgt Ion:200 Resp: 162223

Ion Ratio Lower Upper

200 100

173 22.5 4.8 44.8

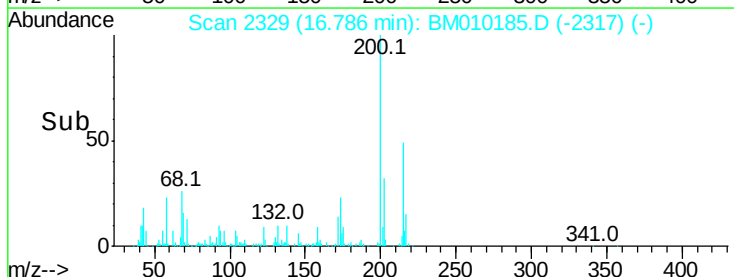
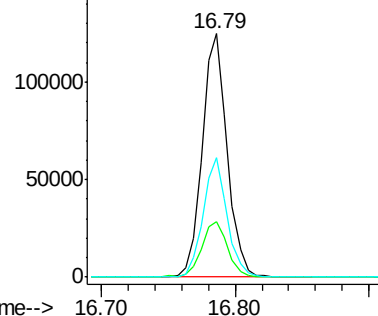
215 48.9 26.9 66.9

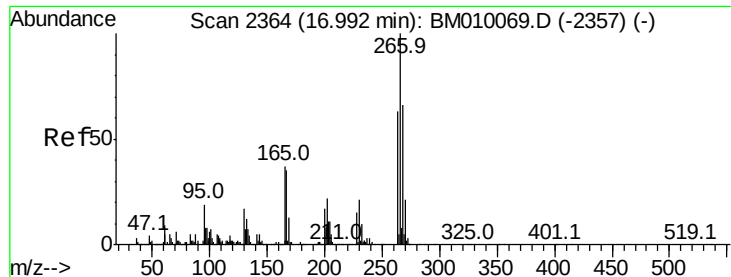


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

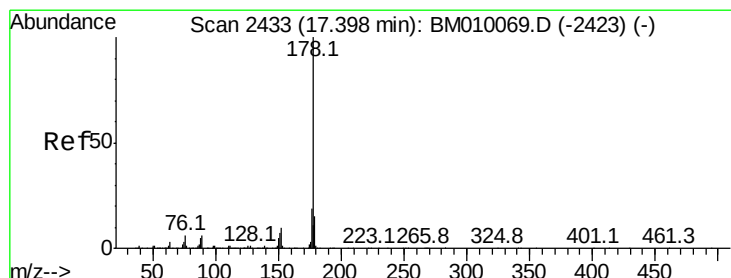
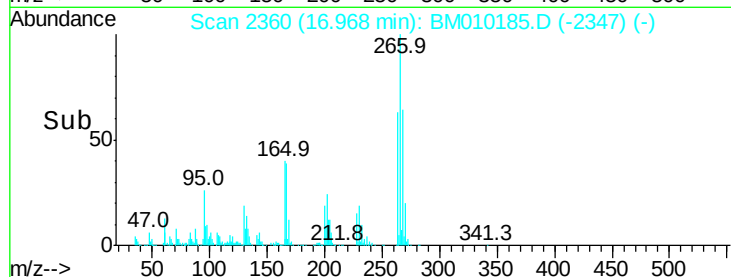
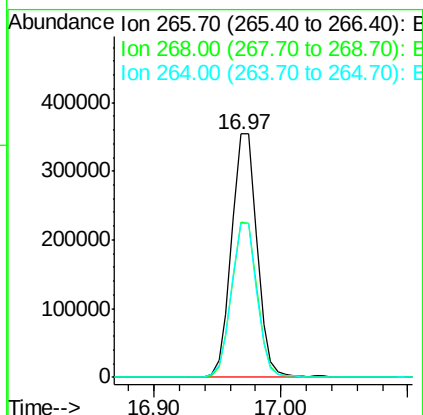
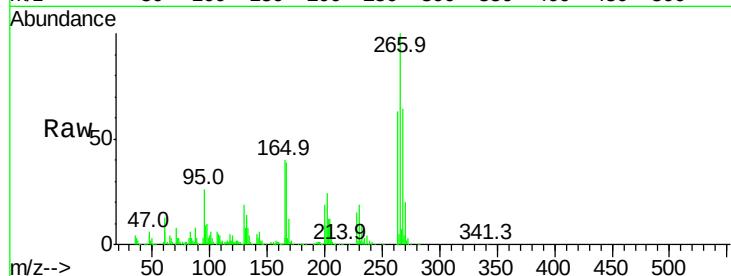




#69
 Pentachlorophenol
 Concen: 82.99 ng
 RT: 16.97 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

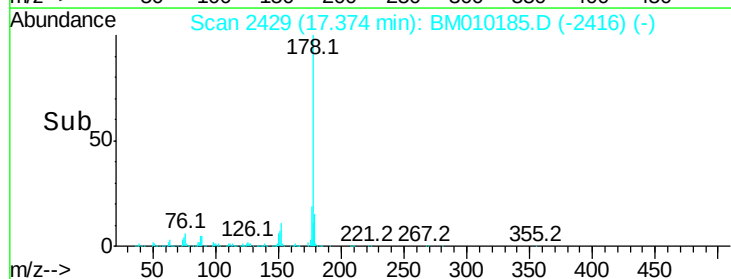
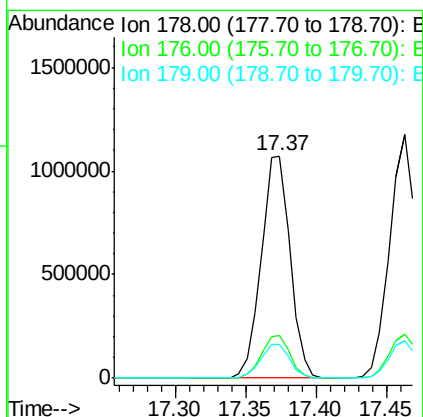
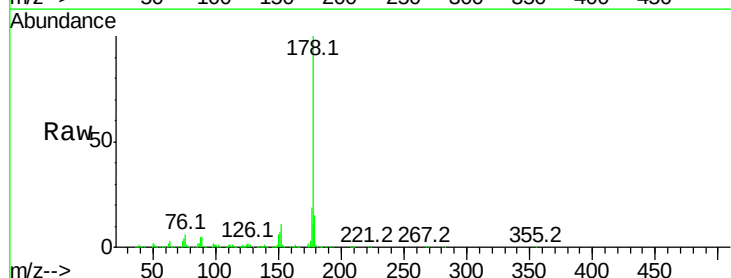
Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MSD

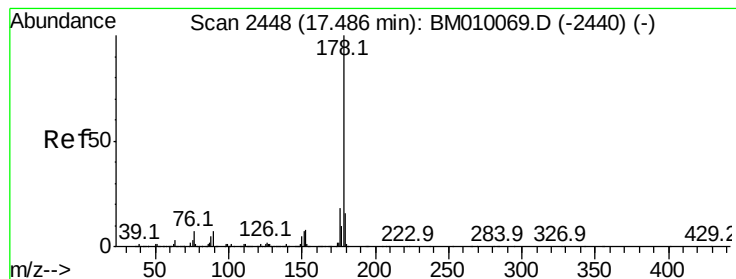
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.0	78.0
264	63.1	49.0	73.4



#70
 Phenanthrene
 Concen: 39.84 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.0	12.1	18.1





#71

Anthracene

Concen: 41.00 ng

RT: 17.46 min Scan# 2444

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

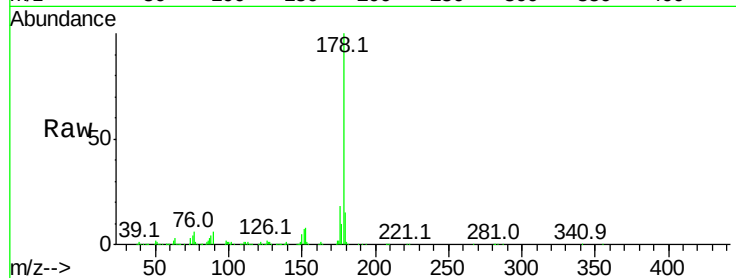
BNA_M

ClientSampleId :

TP-3-TP-4MSD

Tot Ion:178 Resp: 1581958

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	22.0
179	15.3	12.6	19.0

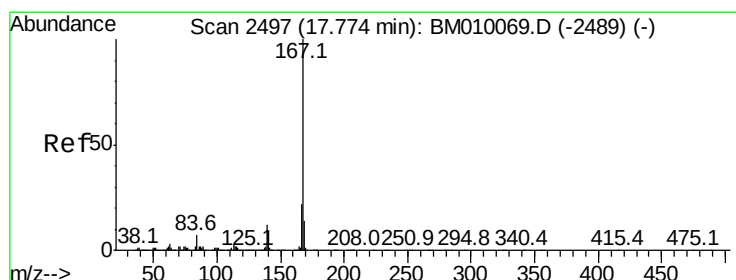
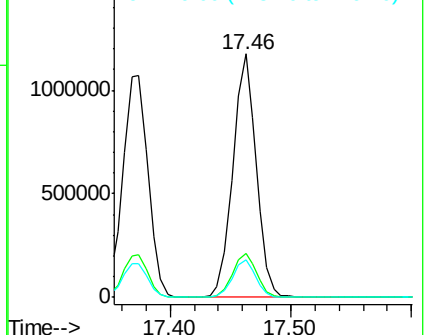
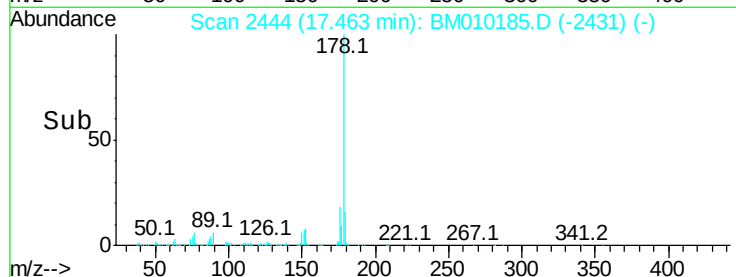


Abundance

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



#72

Carbazole

Concen: 38.64 ng

RT: 17.74 min Scan# 2492

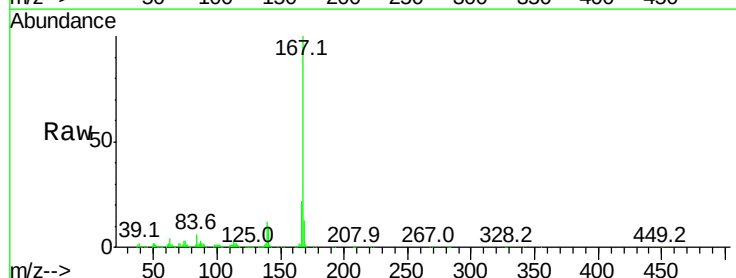
Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Tgt Ion:167 Resp: 1319813

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	12.3	10.8	16.2

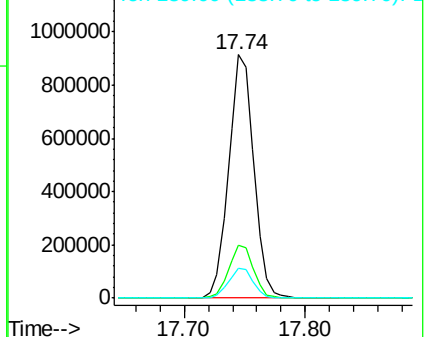
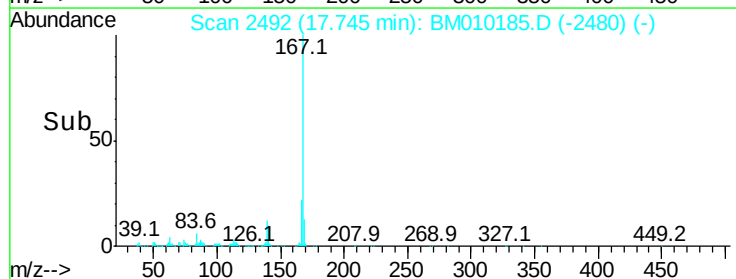


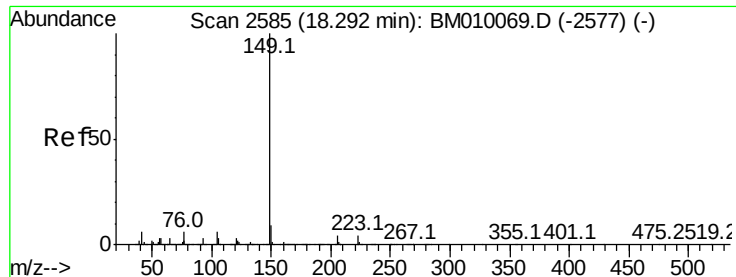
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.18 ng

RT: 18.27 min Scan# 2581

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

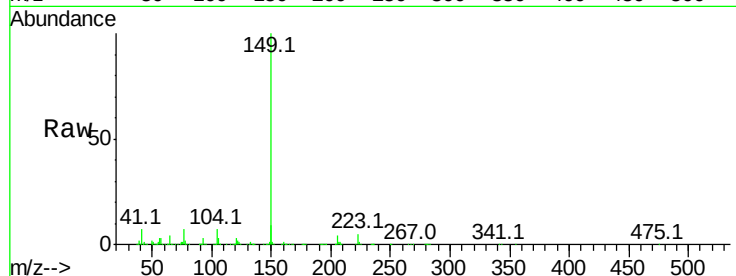
Tot Ion:149 Resp: 1505841

Ion Ratio Lower Upper

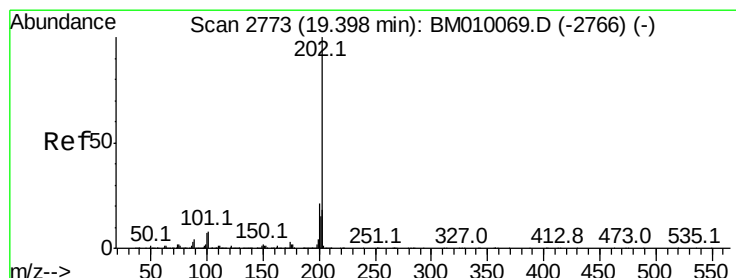
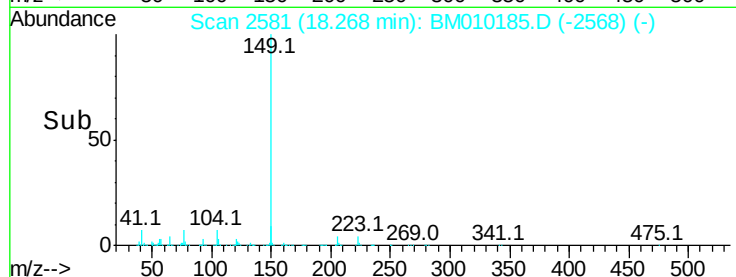
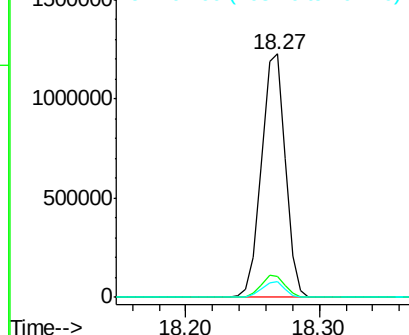
149 100

150 8.8 7.5 11.3

104 6.6 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.70 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

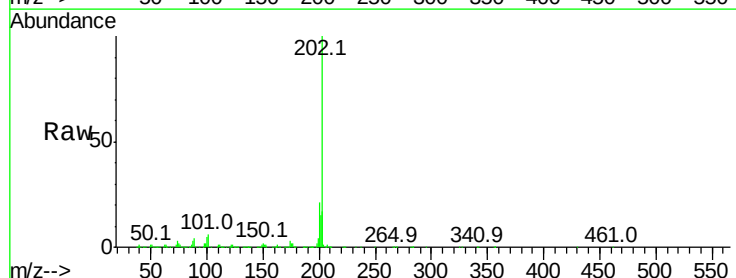
Tgt Ion:202 Resp: 2054473

Ion Ratio Lower Upper

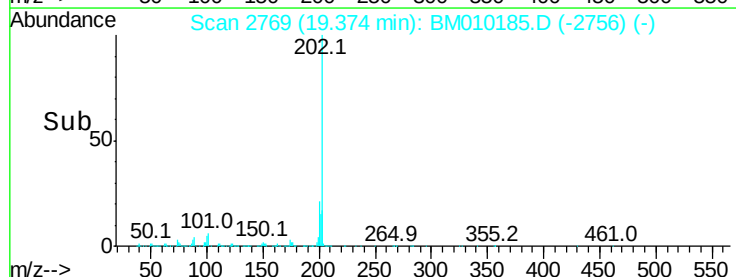
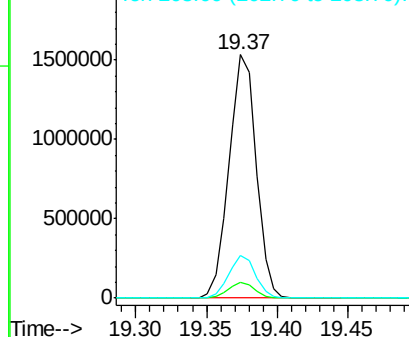
202 100

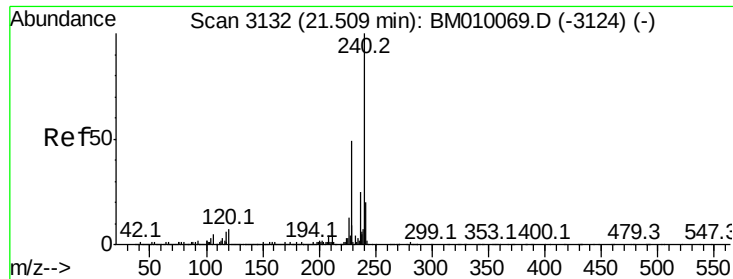
101 6.3 0.0 28.7

203 17.4 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: 20.00 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

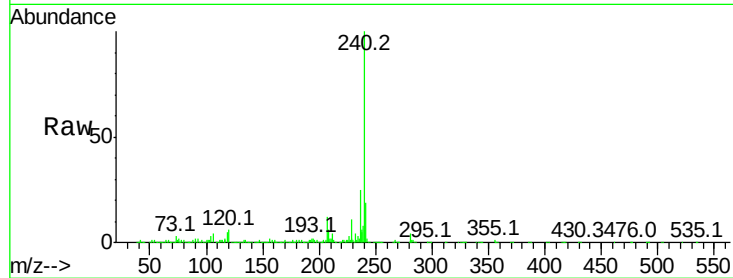
BNA_M

ClientSampleId :

TP-3-TP-4MSD

Tot Ion:240 Resp: 1107780

Ion	Ratio	Lower	Upper
240	100		
120	5.5	8.2	12.2#
236	24.7	20.0	30.0

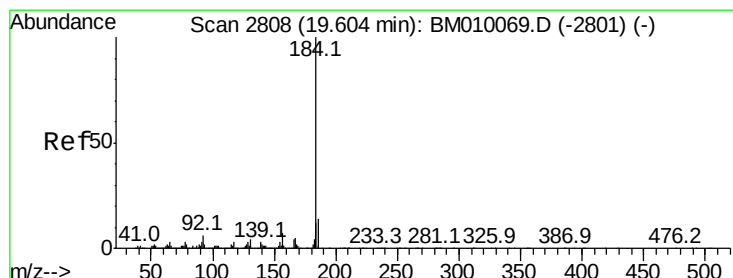
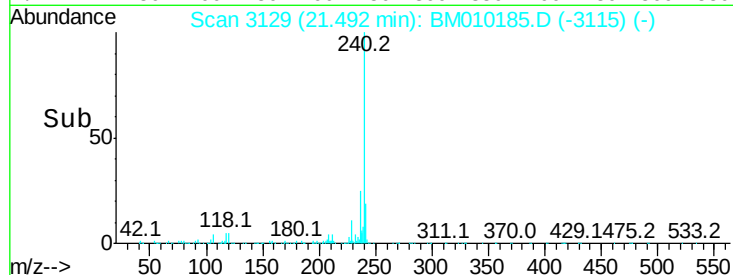
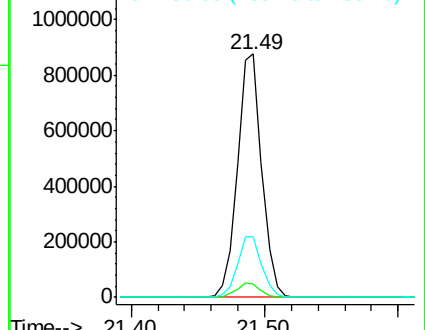


Abundance

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



#76

Benzidine

Concen: 8.57 ng

RT: 19.58 min Scan# 2804

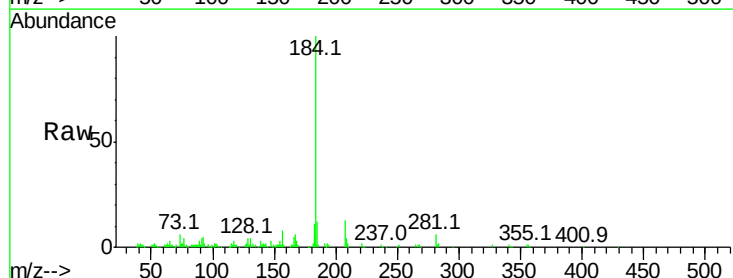
Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Tgt Ion:184 Resp: 175097

Ion	Ratio	Lower	Upper
184	100		
185	12.2	11.3	16.9
183	11.2	8.9	13.3

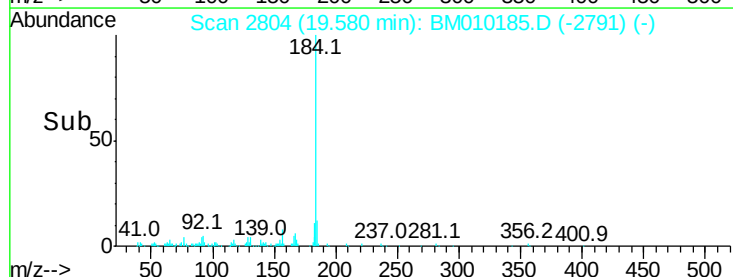
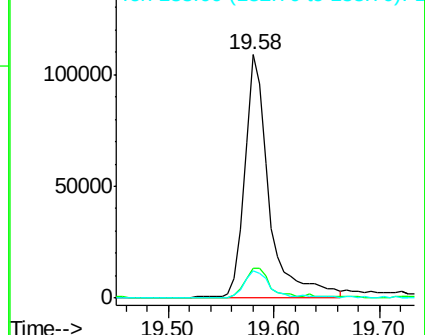


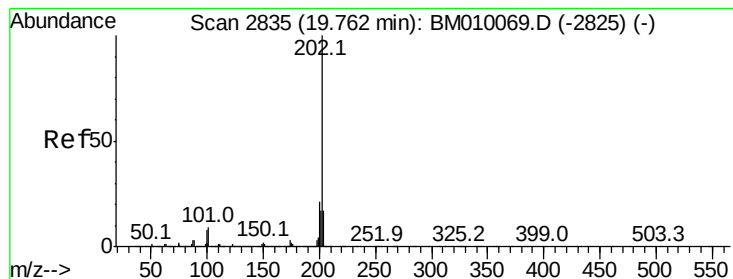
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.50 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

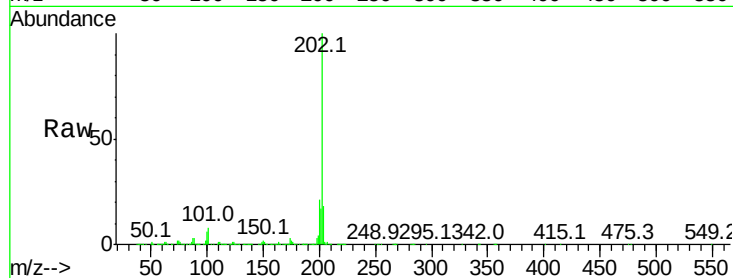
BNA_M

ClientSampleId :

TP-3-TP-4MSD

Tot Ion:202 Resp: 2108460

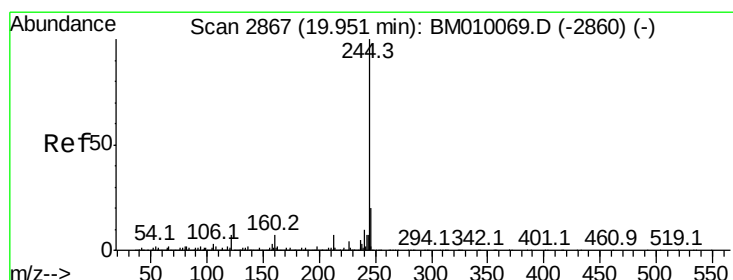
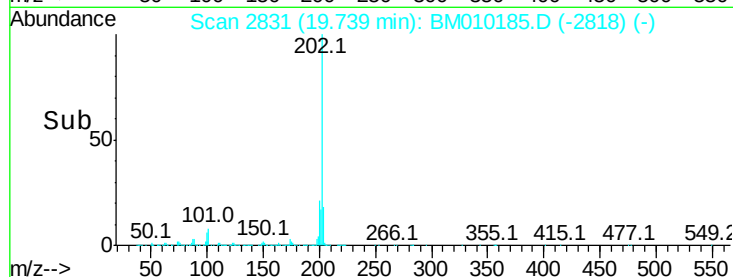
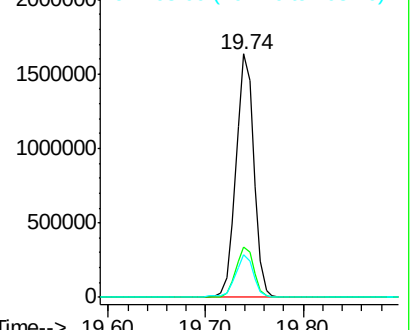
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.6	14.1	21.1



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: 73.32 ng

RT: 19.93 min Scan# 2863

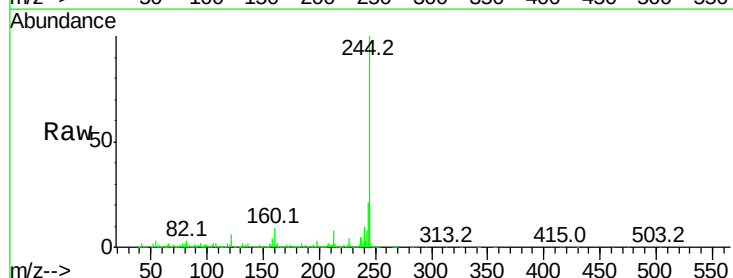
Delta R.T. -0.02 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Tgt Ion:244 Resp: 3572194

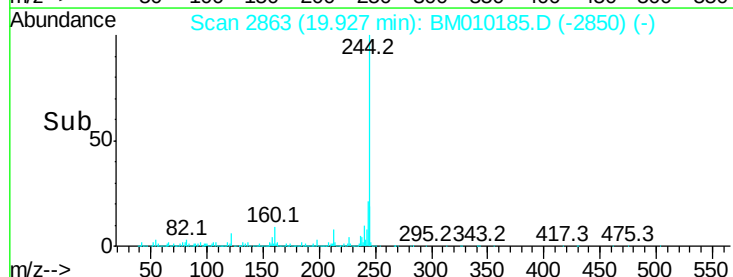
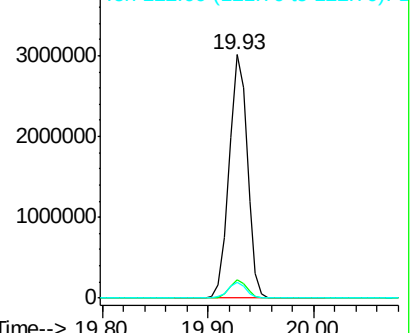
Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	6.3	6.2	9.4

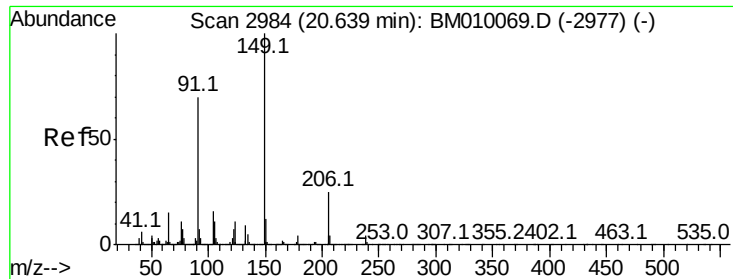


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

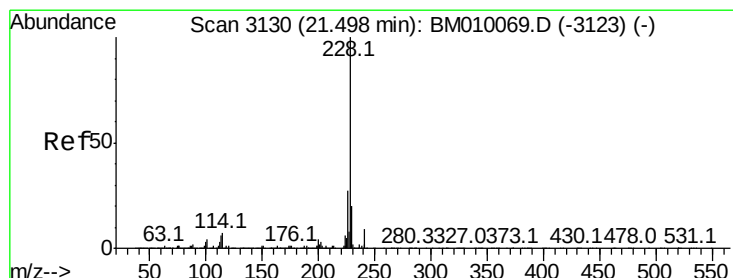
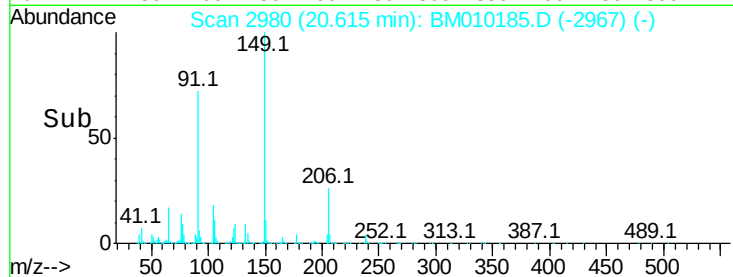
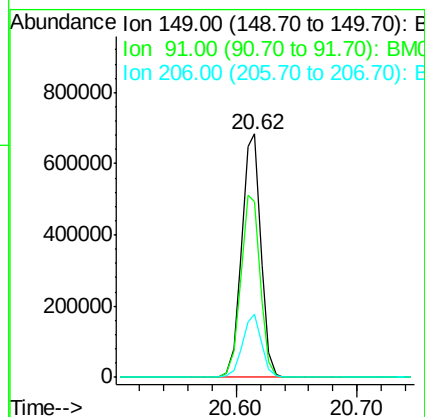
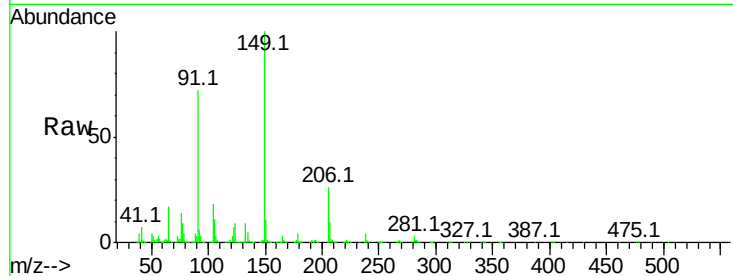




#79
Butylbenzylphthalate
Concen: 34.45 ng
RT: 20.62 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

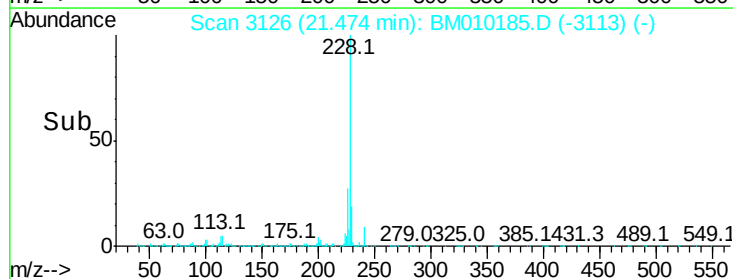
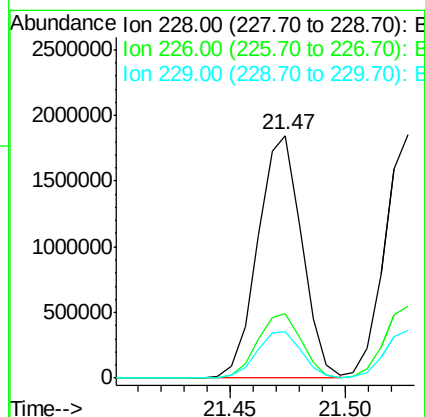
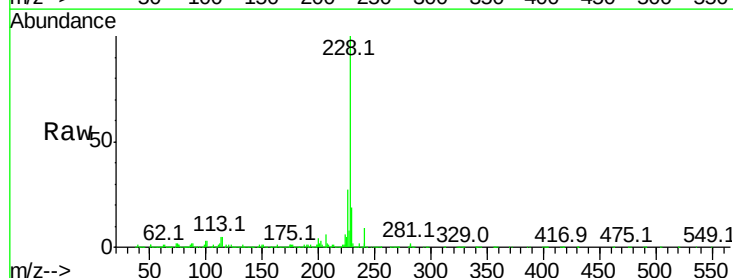
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MSD

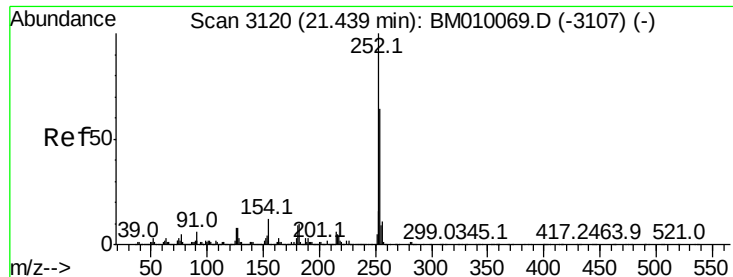
Tot Ion:149 Resp: 757509
Ion Ratio Lower Upper
149 100
91 72.2 50.1 75.1
206 26.2 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 39.90 ng
RT: 21.47 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

Tgt Ion:228 Resp: 2436016
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.4 16.0 24.0

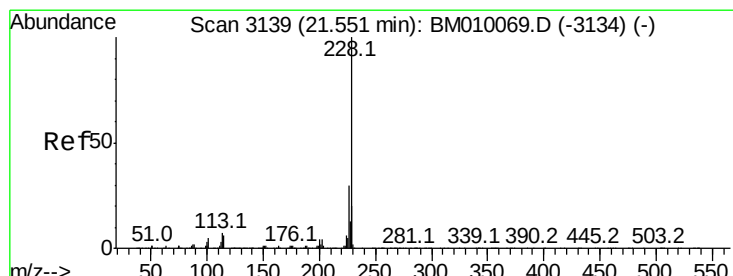
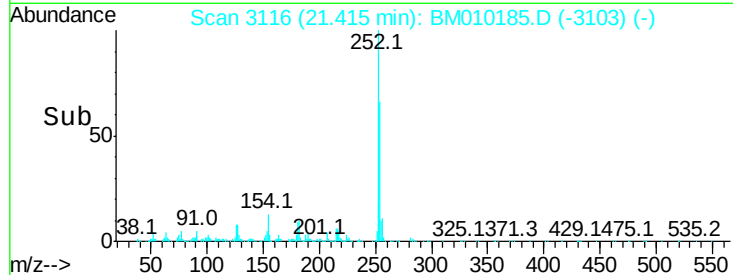
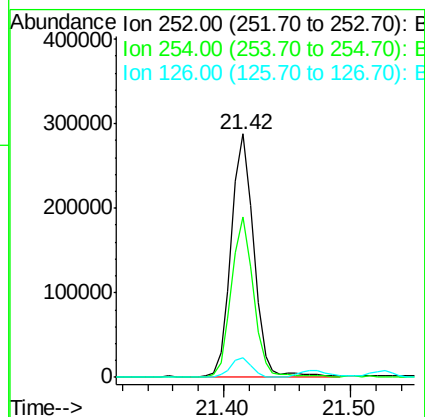
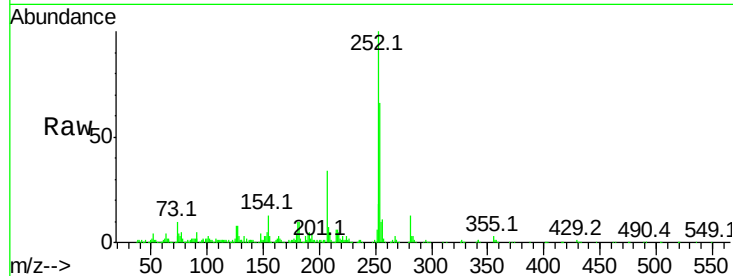




#81
3,3'-Dichlorobenzidine
Concen: 14.44 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.02 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

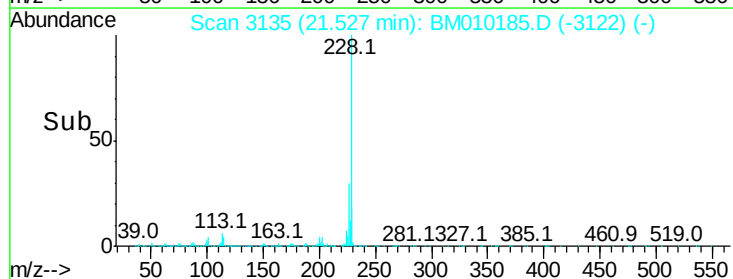
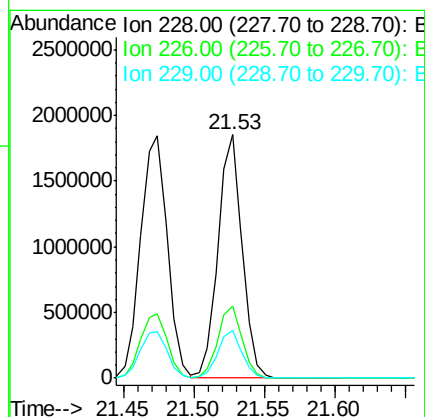
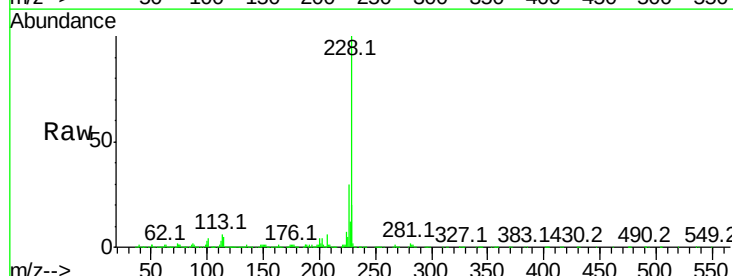
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MSD

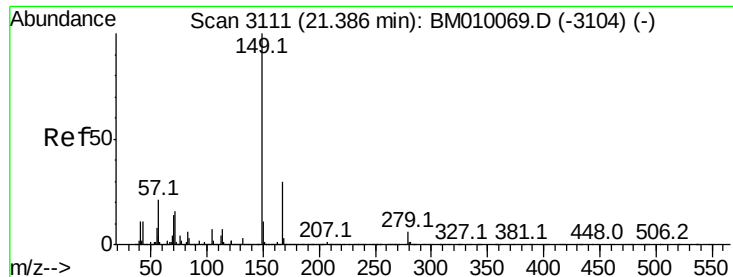
Tot Ion:252 Resp: 354671
Ion Ratio Lower Upper
252 100
254 65.8 51.9 77.9
126 8.1 9.8 14.8#



#82
Chrysene
Concen: 37.78 ng
RT: 21.53 min Scan# 3135
Delta R.T. -0.02 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

Tgt Ion:228 Resp: 2187582
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 19.5 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.45 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MSD

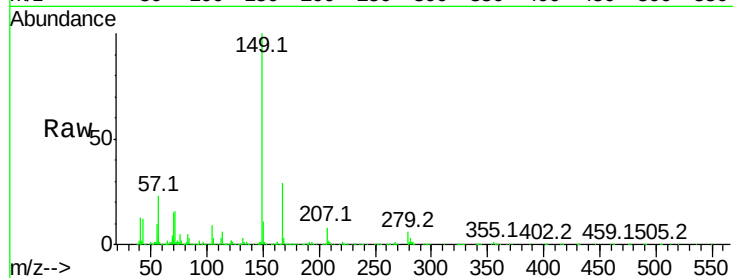
Tot Ion:149 Resp: 1132556

Ion Ratio Lower Upper

149 100

167 29.3 22.4 33.6

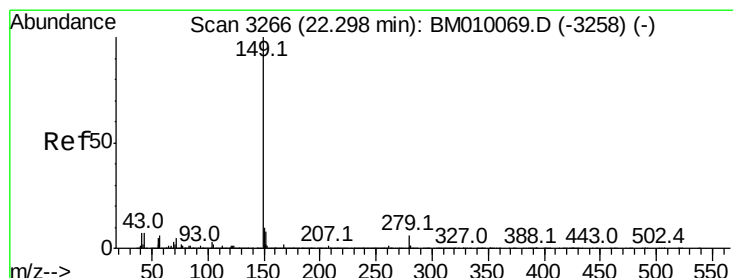
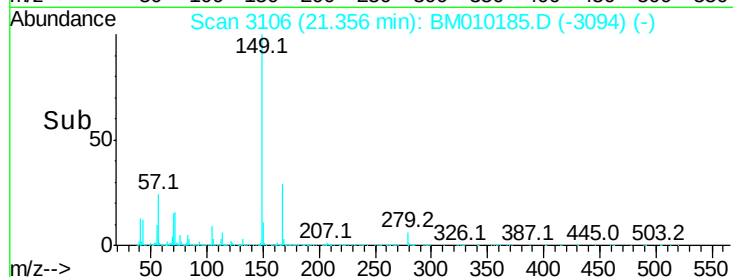
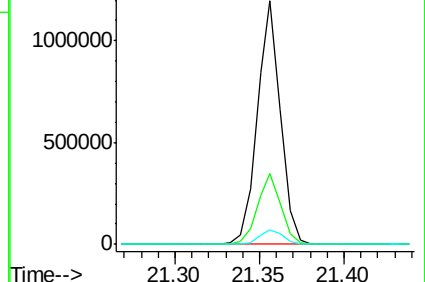
279 6.2 3.4 5.0#



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



#84

Di-n-octyl phthalate

Concen: 35.70 ng

RT: 22.26 min Scan# 3260

Delta R.T. -0.04 min

Lab File: BM010185.D

Acq: 24 May 2017 17:50

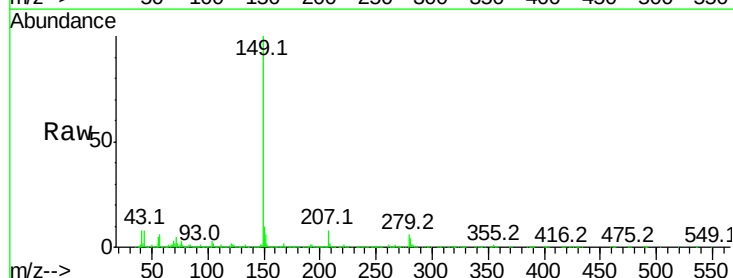
Tgt Ion:149 Resp: 2101485

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

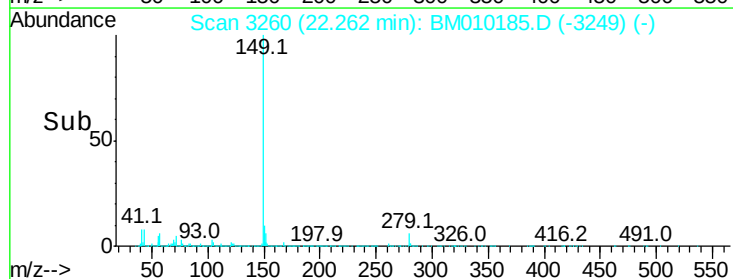
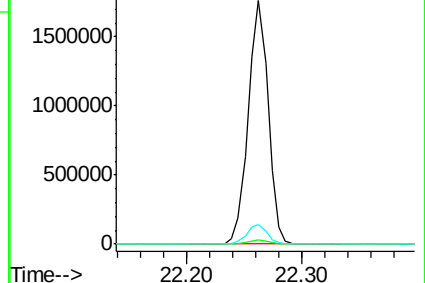
43 8.2 7.3 10.9

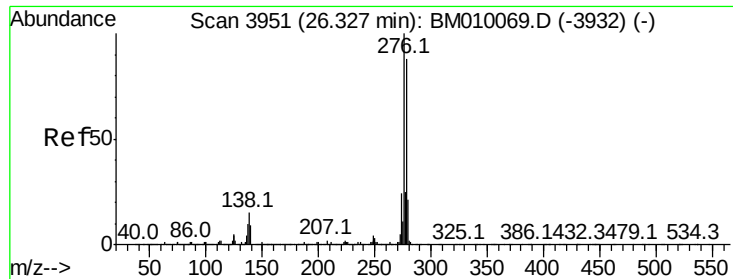


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

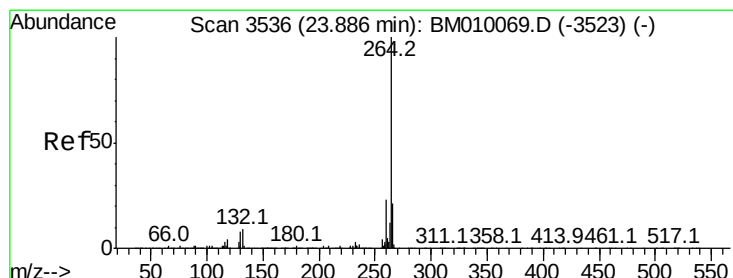
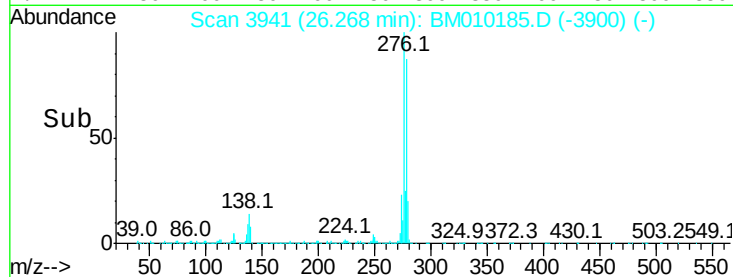
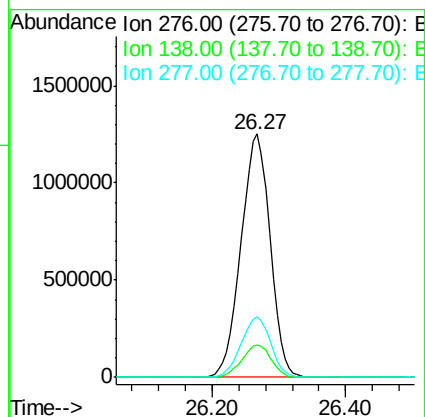
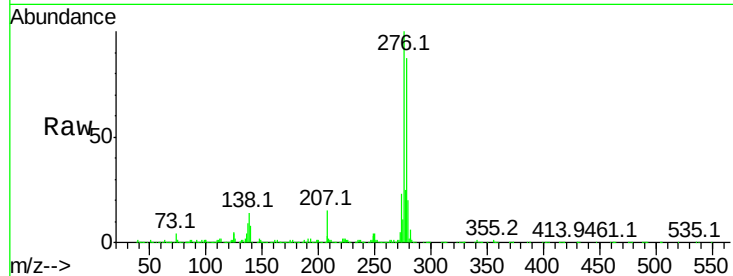




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.17 ng
RT: 26.27 min Scan# 3941
Delta R.T. -0.06 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

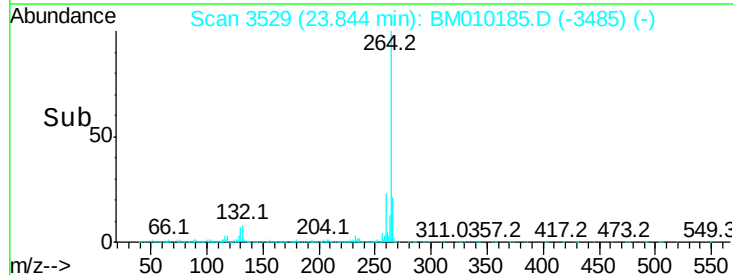
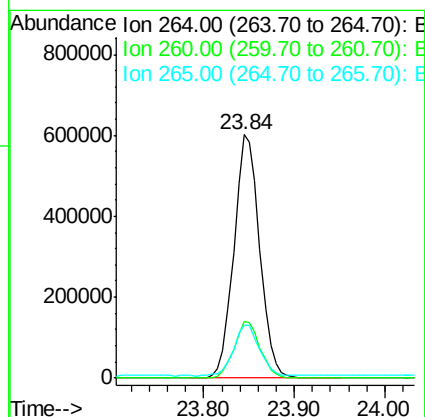
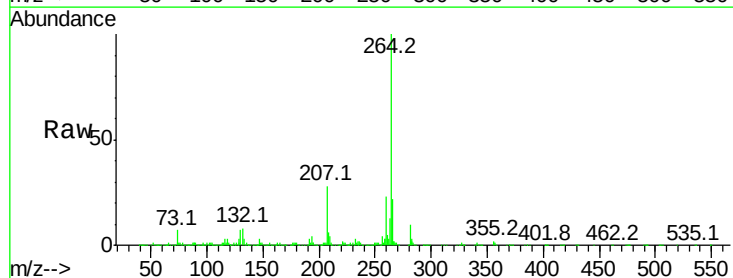
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MSD

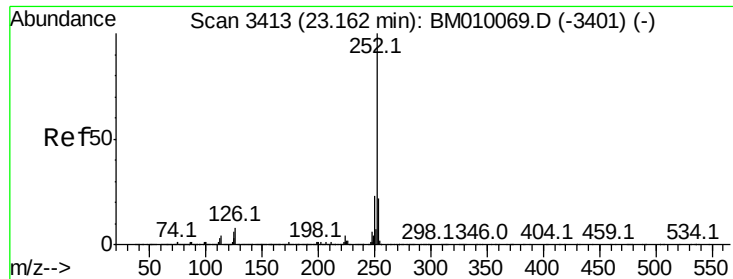
Tot Ion:276 Resp: 3750972
Ion Ratio Lower Upper
276 100
138 13.4 0.0 0.0#
277 25.2 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.84 min Scan# 3529
Delta R.T. -0.04 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

Tgt Ion:264 Resp: 1191225
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 41.23 ng

RT: 23.13 min Scan# 3407

Delta R.T. -0.04 min

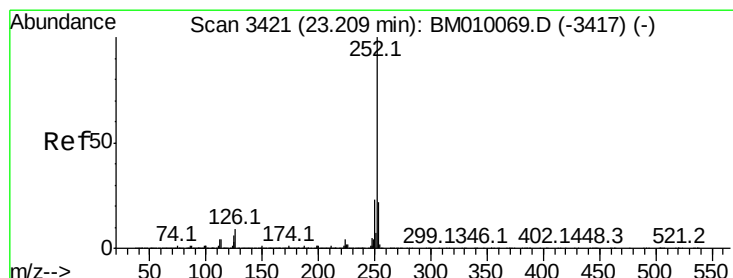
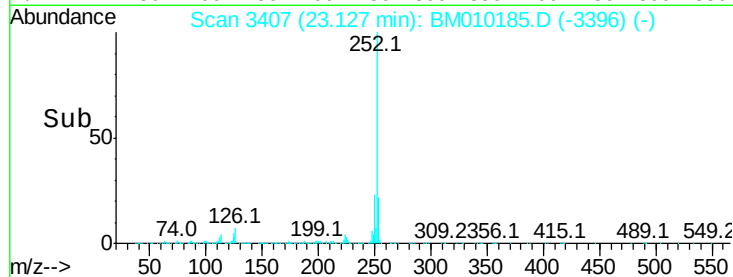
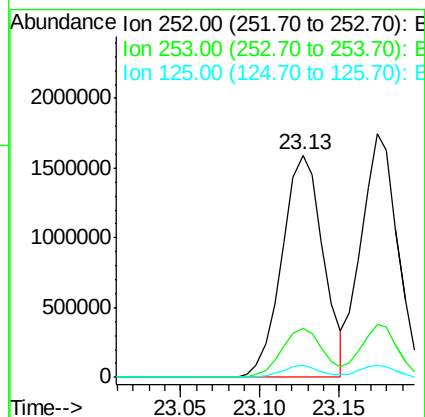
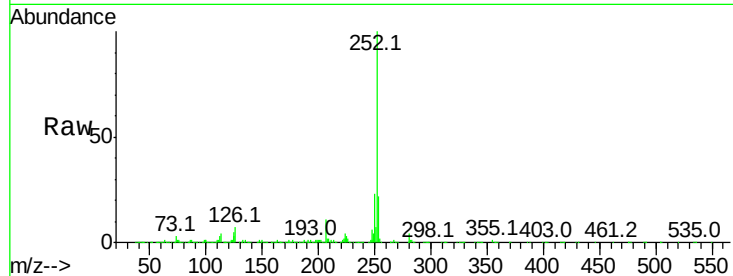
Lab File: BM010185.D

Acq: 24 May 2017 17:50

Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MSD

Tot Ion:252 Resp: 2874424

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	5.2	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 40.89 ng

RT: 23.17 min Scan# 3415

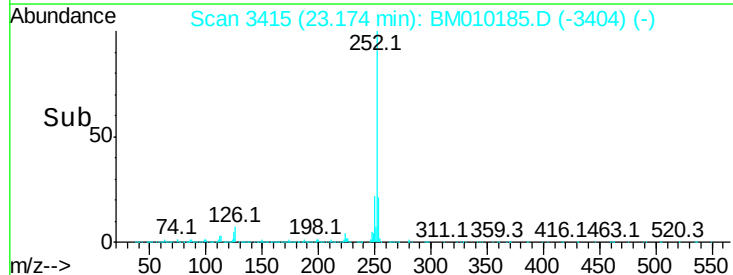
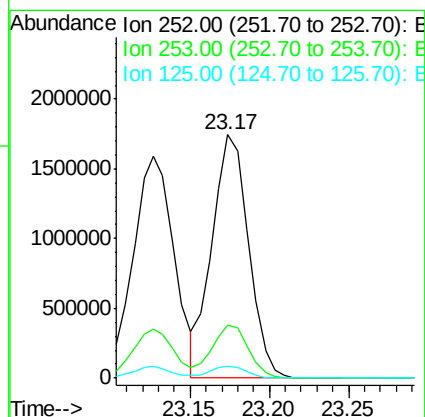
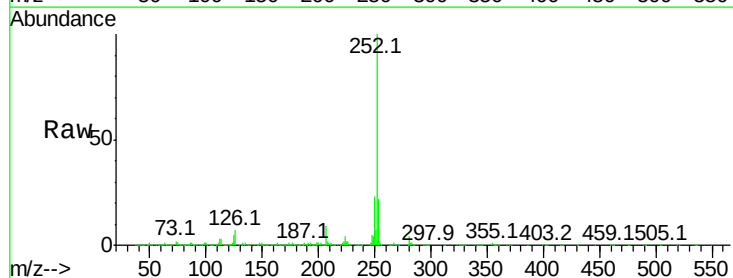
Delta R.T. -0.04 min

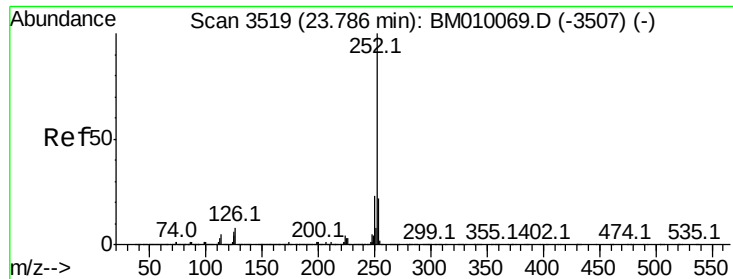
Lab File: BM010185.D

Acq: 24 May 2017 17:50

Tgt Ion:252 Resp: 2792791

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	5.0	8.1	12.1#

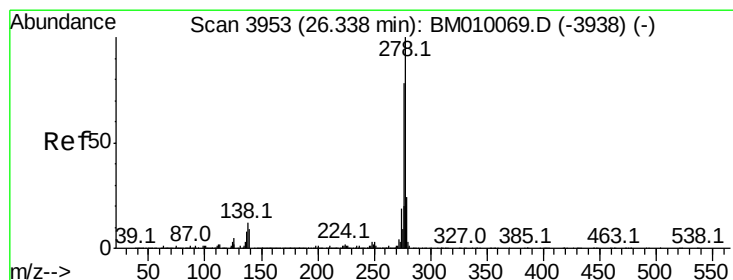
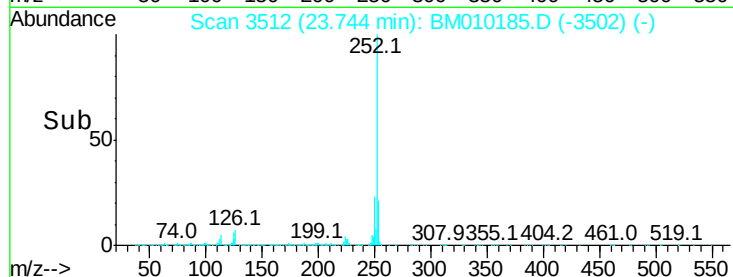
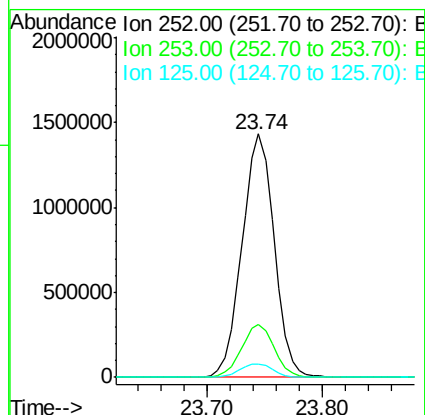
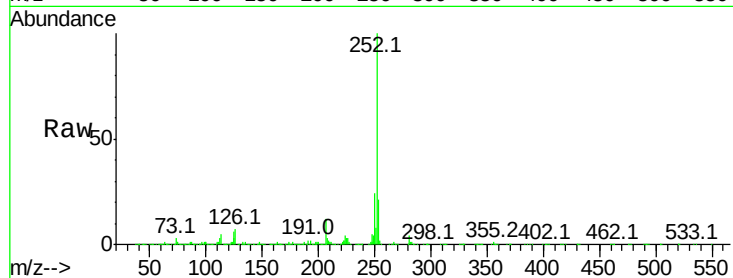




#89
Benzo(a)pyrene
Concen: 41.78 ng
RT: 23.74 min Scan# 3512
Delta R.T. -0.04 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

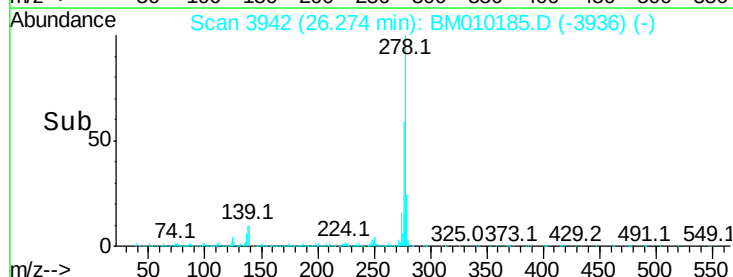
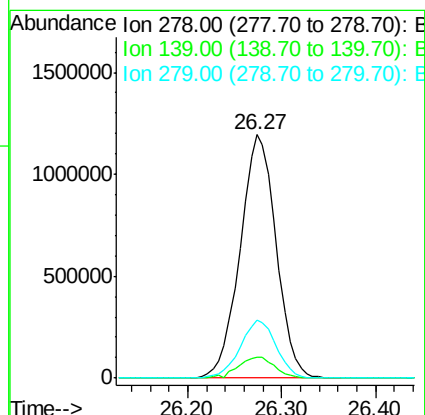
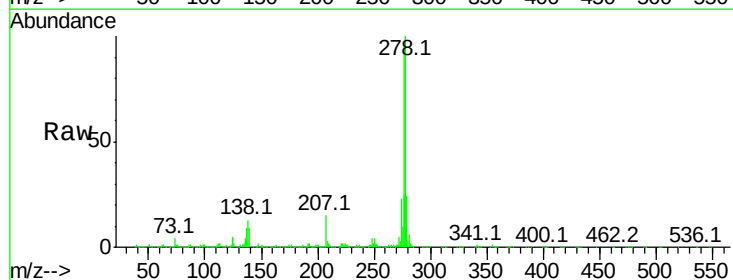
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MSD

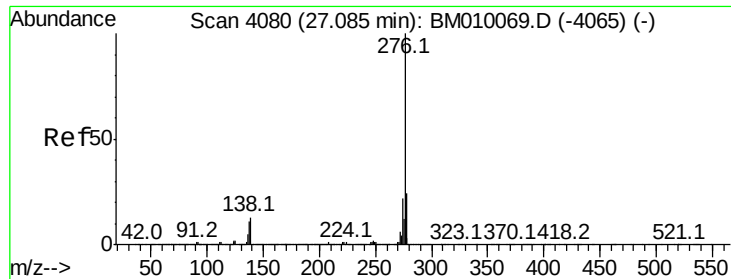
Tot Ion:252 Resp: 2775467
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 5.6 7.4 11.2#



#90
Dibenzo(a,h)anthracene
Concen: 42.54 ng
RT: 26.27 min Scan# 3942
Delta R.T. -0.06 min
Lab File: BM010185.D
Acq: 24 May 2017 17:50

Tgt Ion:278 Resp: 3160300
Ion Ratio Lower Upper
278 100
139 8.8 13.4 20.0#
279 23.8 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.00 ng
 RT: 27.02 min Scan# 4069
 Delta R.T. -0.06 min
 Lab File: BM010185.D
 Acq: 24 May 2017 17:50

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MSD

Tot Ion:276 Resp: 3057400

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.5	27.7
138	10.8	19.0	28.6

