

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009518.D
 Acq On : 04 Apr 2017 01:53
 Operator : SJ/MA
 Sample : I2507-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

Quant Time: Apr 04 03:43:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	126562	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	480627	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	291598	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	707786	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	927915	20.00	ng	-0.01
86) Perylene-d12	23.74	264	857366	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1214503	159.95	ng	-0.01
7) Phenol-d6	7.01	99	1724546	166.55	ng	-0.01
23) Nitrobenzene-d5	9.01	82	1249393	97.47	ng	-0.02
41) 2,4,6-Tribromophenol	15.99	330	636925	175.82	ng	-0.01
44) 2-Fluorobiphenyl	13.10	172	2247949	92.89	ng	-0.02
78) Terphenyl-d14	19.86	244	3611365	81.33	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	132447	34.69	ng	# 100
3) Pyridine	3.76	79	65577	6.08	ng	# 78
4) n-Nitrosodimethylamine	3.67	42	273582	47.63	ng	# 72
6) Aniline	7.18	93	321998	22.88	ng	# 90
8) 2-Chlorophenol	7.41	128	424243	55.11	ng	# 80
9) Benzaldehyde	6.99	77	351942	43.18	ng	# 83
10) Phenol	7.03	94	642531	57.27	ng	# 91
11) bis(2-Chloroethyl)ether	7.27	93	460134	50.04	ng	# 84
12) 1,3-Dichlorobenzene	7.73	146	445120	48.29	ng	# 88
13) 1,4-Dichlorobenzene	7.88	146	448575	47.10	ng	# 94
14) 1,2-Dichlorobenzene	8.20	146	444386	48.05	ng	# 93
15) Benzyl Alcohol	8.09	79	506689	55.97	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.37	45	752032	47.05	ng	# 95
17) 2-Methylphenol	8.28	107	402121	54.78	ng	# 86
18) Hexachloroethane	8.92	117	184546	47.37	ng	# 90
19) n-Nitroso-di-n-propylamine	8.65	70	442433	53.00	ng	# 91
20) 3+4-Methylphenols	8.61	107	532538	53.36	ng	# 88
22) Acetophenone	8.67	105	716469	52.86	ng	# 90
24) Nitrobenzene	9.05	77	644903	51.35	ng	# 92
25) Isophorone	9.57	82	1098422	56.17	ng	# 88
26) 2-Nitrophenol	9.76	139	221112	58.38	ng	# 45
27) 2,4-Dimethylphenol	9.81	122	395263	57.05	ng	# 83
28) bis(2-Chloroethoxy)methane	10.05	93	634705	52.42	ng	# 99
29) 2,4-Dichlorophenol	10.29	162	420670	58.07	ng	# 96
30) 1,2,4-Trichlorobenzene	10.50	180	458290	50.99	ng	# 99
31) Naphthalene	10.69	128	1285670	50.40	ng	# 100
32) Benzoic acid	9.92	122	86529	19.95	ng	# 63
33) 4-Chloroaniline	10.81	127	313285	31.84	ng	# 85
34) Hexachlorobutadiene	10.96	225	288770	46.92	ng	# 95
35) Caprolactam	11.60	113	97809	44.23	ng	# 58
36) 4-Chloro-3-methylphenol	11.93	107	490122	59.80	ng	# 80
37) 2-Methylnaphthalene	12.30	142	961708	54.61	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	534704	48.57	ng	# 100
40) Hexachlorocyclopentadiene	12.64	237	645285	102.12	ng	# 98

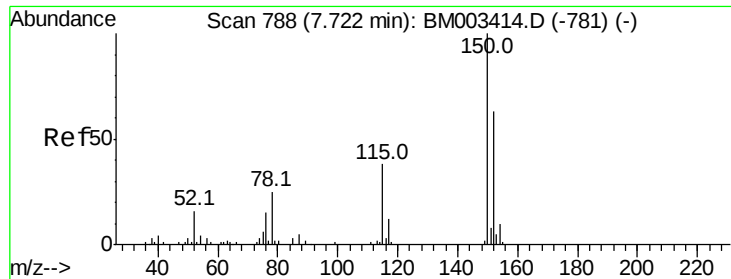
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	366254	58.18	nq	98
43) 2,4,5-Trichlorophenol	12.99	196	390881	55.65	nq	# 89
45) 1,1'-Biphenyl	13.32	154	1230666	50.71	nq	97
46) 2-Chloronaphthalene	13.36	162	986161	52.32	nq	97
47) 2-Nitroaniline	13.57	65	400679	57.69	nq	# 72
48) Acenaphthylene	14.21	152	1588650	51.74	nq	99
49) Dimethylphthalate	13.95	163	1445912	64.58	nq	# 99
50) 2,6-Dinitrotoluene	14.07	165	272960	56.58	nq	# 69
51) Acenaphthene	14.56	154	961102	51.88	nq	99
52) 3-Nitroaniline	14.40	138	228548	48.08	nq	# 58
53) 2,4-Dinitrophenol	14.61	184	279009	85.35	nq	93
54) Dibenzofuran	14.89	168	1537447	56.12	nq	93
55) 4-Nitrophenol	14.71	139	469779	119.57	nq	# 19
56) 2,4-Dinitrotoluene	14.86	165	392790	60.18	nq	# 96
57) Fluorene	15.54	166	1282824	52.10	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.11	232	368207	61.98	nq	# 100
59) Diethylphthalate	15.31	149	1284393	56.55	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	659132	51.26	nq	95
61) 4-Nitroaniline	15.57	138	302667	58.62	nq	# 35
62) Azobenzene	15.82	77	1603667	60.48	nq	85
64) 4,6-Dinitro-2-methylphenol	15.62	198	228488	51.24	nq	89
65) n-Nitrosodiphenylamine	15.75	169	1056014	49.12	nq	98
66) 4-Bromophenyl-phenylether	16.43	248	407528	49.69	nq	# 90
67) Hexachlorobenzene	16.54	284	439274	48.87	nq	# 90
68) Atrazine	16.70	200	406388	50.26	nq	97
69) Pentachlorophenol	16.89	266	570235	103.85	nq	98
70) Phenanthrene	17.28	178	2021351	49.94	nq	99
71) Anthracene	17.37	178	2109762	51.49	nq	100
72) Carbazole	17.64	167	1955721	49.84	nq	98
73) Di-n-butylphthalate	18.19	149	2220249	55.39	nq	# 98
74) Fluoranthene	19.30	202	2499060	52.13	nq	98
77) Pyrene	19.66	202	2583472	49.09	nq	99
79) Butylbenzylphthalate	20.54	149	1069653	56.44	nq	# 77
80) Benzo(a)anthracene	21.40	228	2721271	50.21	nq	99
81) 3,3'-Dichlorobenzidine	21.34	252	768985	37.89	nq	# 98
82) Chrysene	21.46	228	2473327	47.80	nq	99
83) Bis(2-ethylhexyl)phthalate	21.32	149	1579652	55.86	nq	98
84) Di-n-octyl phthalate	22.22	149	2753026	58.50	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2909049	51.55	nq	# 100
87) Benzo(b)fluoranthene	23.03	252	2678269	49.28	nq	# 95
88) Benzo(k)fluoranthene	23.03	252	2671917	51.12	nq	98
89) Benzo(a)pyrene	23.64	252	2554433	50.76	nq	97
90) Dibenzo(a,h)anthracene	26.12	278	2478272	50.27	nq	# 96
91) Benzo(g,h,i)perylene	26.84	276	2339907	48.69	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

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Acq: 04 Apr 2017 01:53

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ClientSampleId :

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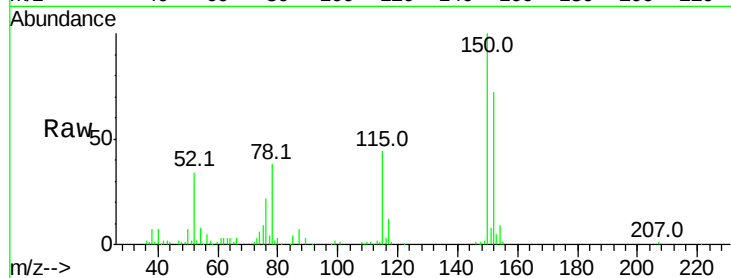
Tot Ion:152 Resp: 126562

Ion Ratio Lower Upper

152 100

150 139.8 119.5 179.3

115 61.0 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

150000

100000

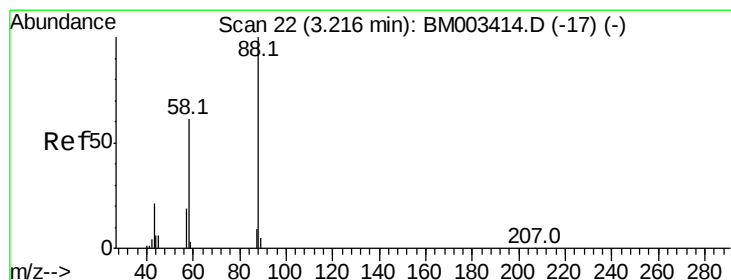
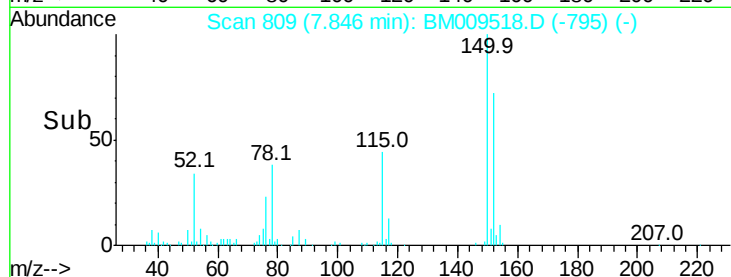
50000

0

7.80 7.85 7.90

7.85

Time-->



#2

1,4-Dioxane

Concen: 34.69 ng

RT: 3.36 min Scan# 46

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

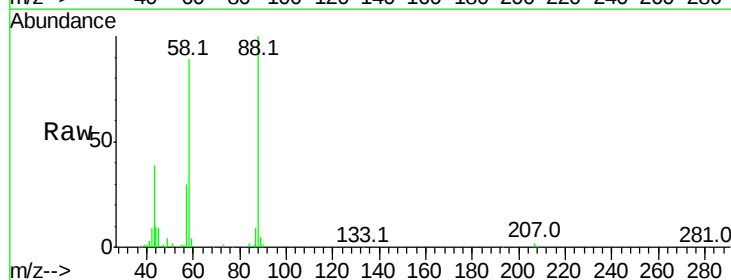
Tgt Ion: 88 Resp: 132447

Ion Ratio Lower Upper

88 100

58 86.3 0.0 0.0#

43 40.1 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

100000

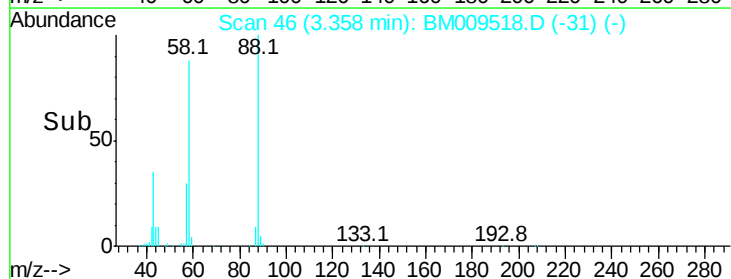
50000

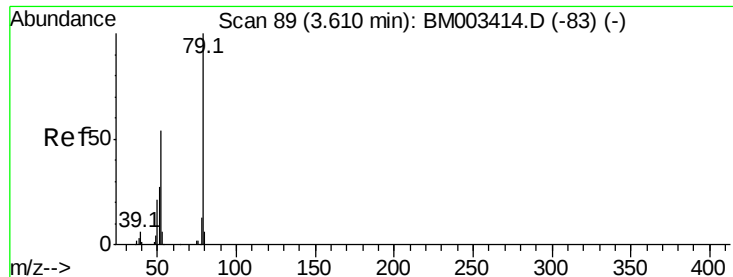
0

3.25 3.30 3.35 3.40 3.45

3.36

Time-->





#3

Pvridine

Concen: 6.08 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

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ClientSampleId :

B-10-S2(2.5-3.0)MSD

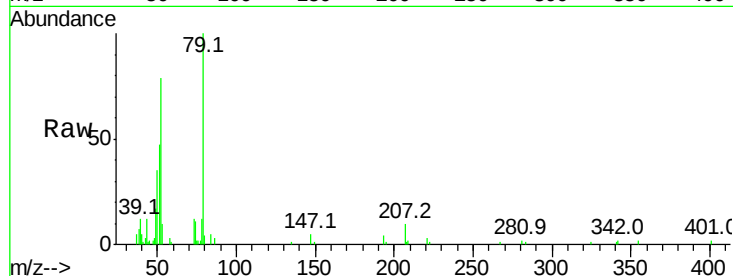
Tot Ion: 79 Resp: 65577

Ion Ratio Lower Upper

79 100

52 79.2 51.1 76.7#

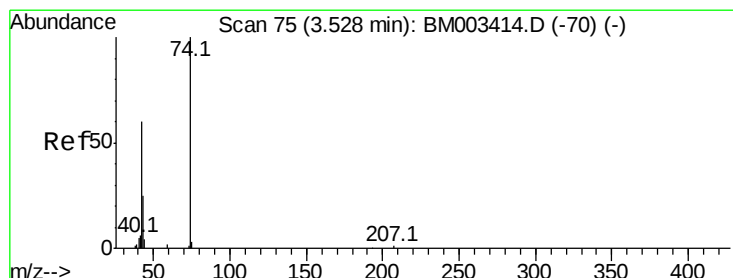
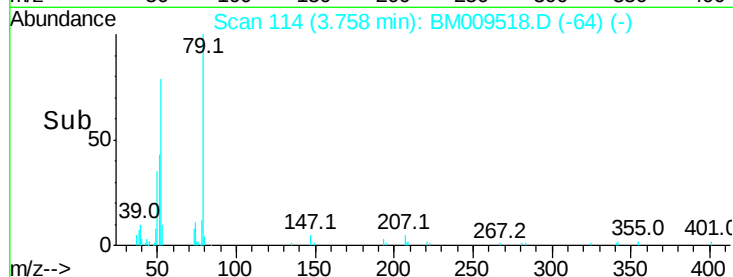
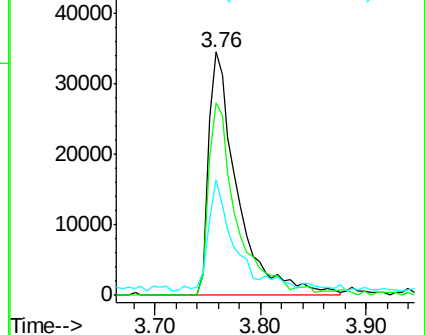
51 47.2 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM003414.D (-83) (-)

Ion 52.00 (51.70 to 52.70): BM003414.D (-83) (-)

Ion 51.00 (50.70 to 51.70): BM003414.D (-83) (-)



#4

n-Nitrosodimethylamine

Concen: 47.63 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

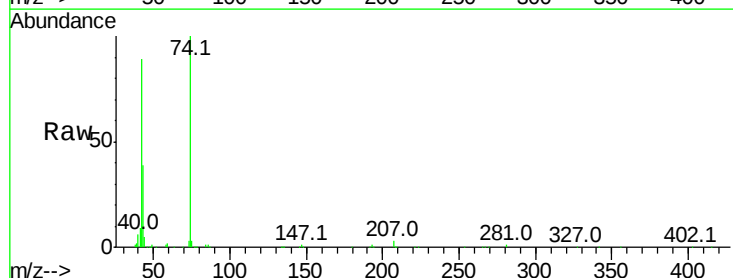
Tgt Ion: 42 Resp: 273582

Ion Ratio Lower Upper

42 100

74 112.8 119.3 178.9#

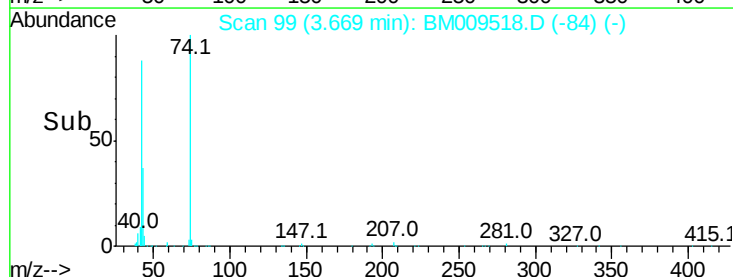
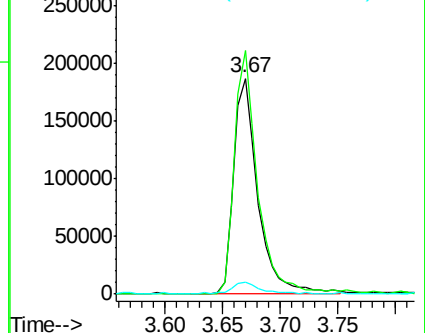
44 5.7 5.4 8.2

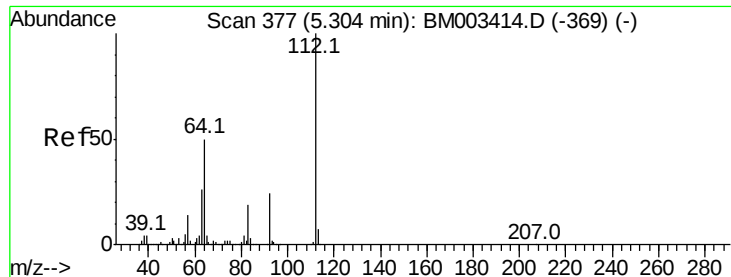


Abundance Ion 42.00 (41.70 to 42.70): BM003414.D (-70) (-)

Ion 74.00 (73.70 to 74.70): BM003414.D (-70) (-)

Ion 44.00 (43.70 to 44.70): BM003414.D (-70) (-)





#5

2-Fluorophenol

Concen: 159.95 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

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ClientSampleId :

B-10-S2(2.5-3.0)MSD

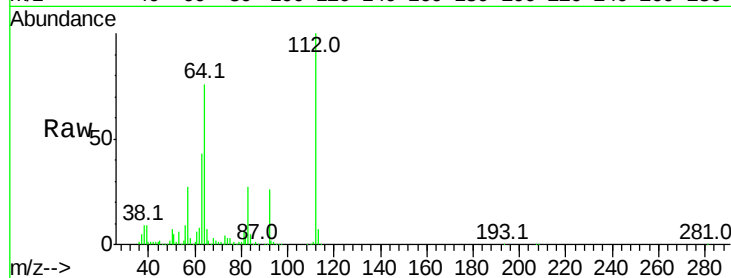
Tot Ion:112 Resp: 1214503

Ion Ratio Lower Upper

112 100

64 76.4 38.6 57.8#

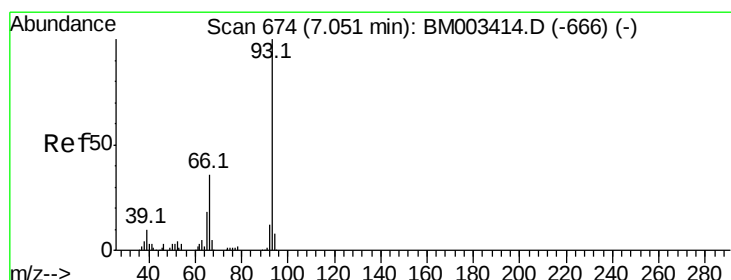
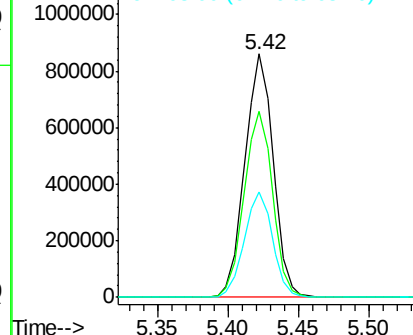
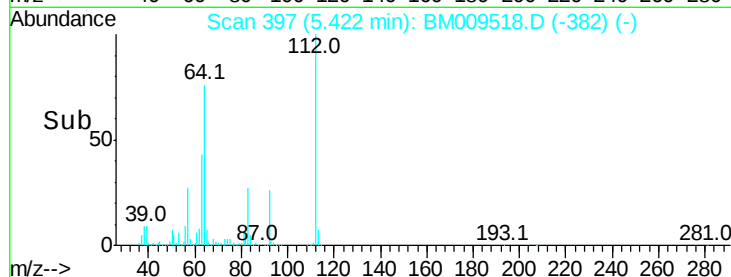
63 43.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 22.88 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

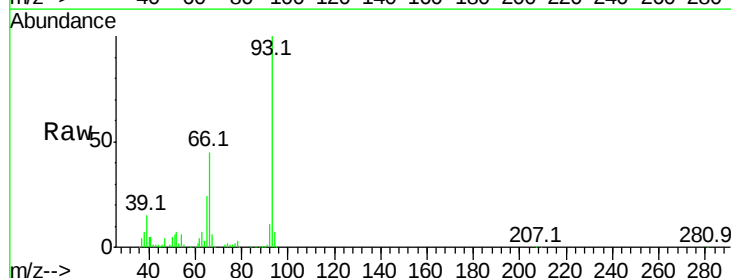
Tgt Ion: 93 Resp: 321998

Ion Ratio Lower Upper

93 100

66 44.8 30.8 46.2

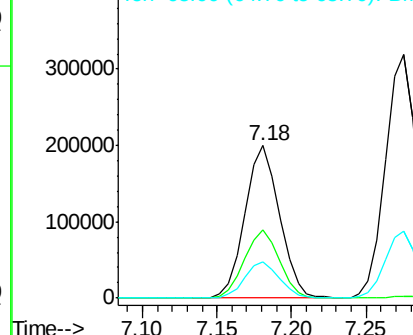
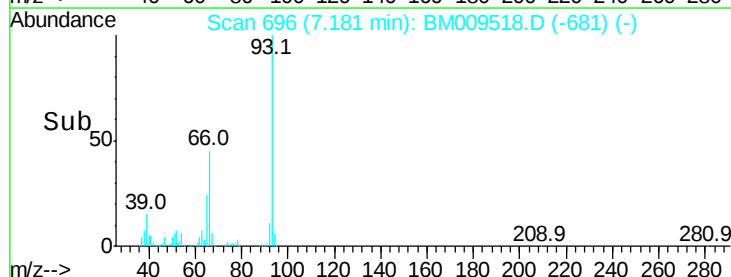
65 23.8 16.0 24.0

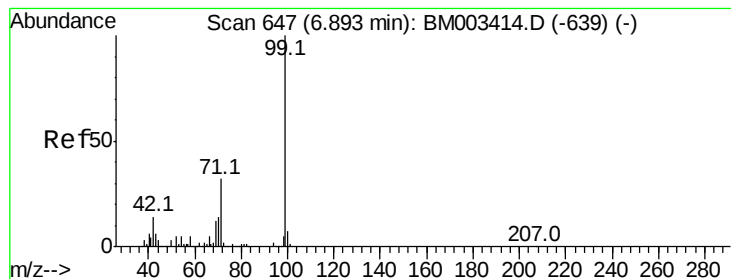


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 166.55 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

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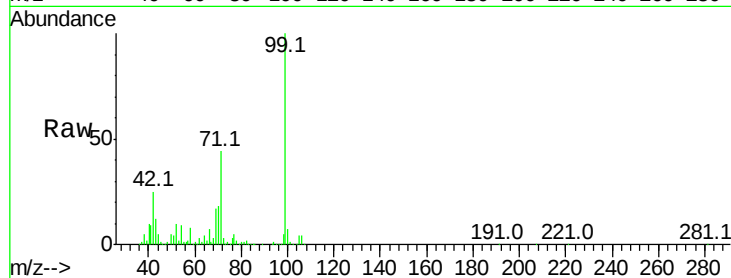
Tot Ion: 99 Resp: 1724546

Ion Ratio Lower Upper

99 100

42 24.9 11.0 16.4#

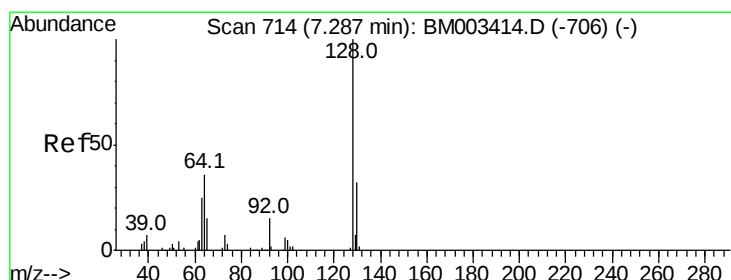
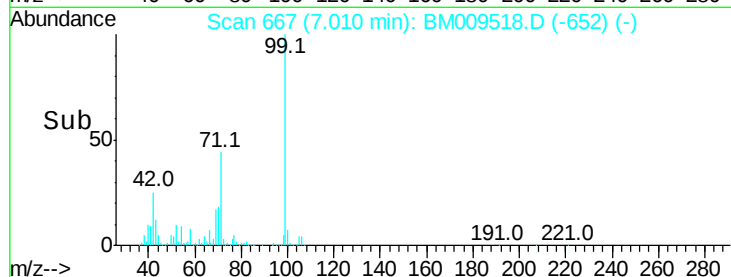
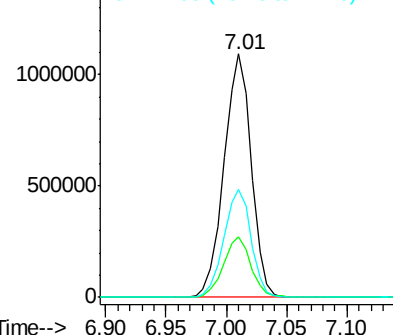
71 44.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009518.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009518.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009518.D (-652) (-)



#8

2-Chlorophenol

Concen: 55.11 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

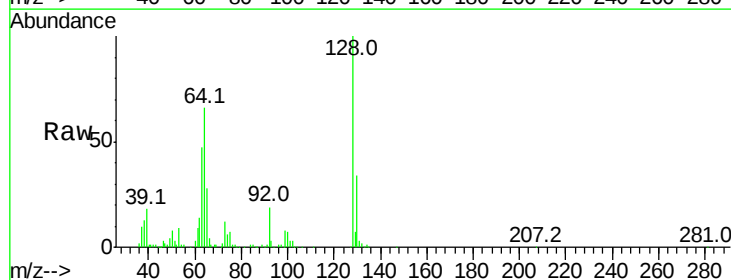
Tgt Ion: 128 Resp: 424243

Ion Ratio Lower Upper

128 100

130 34.0 12.0 52.0

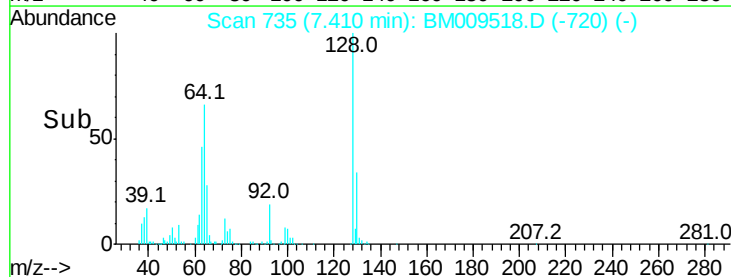
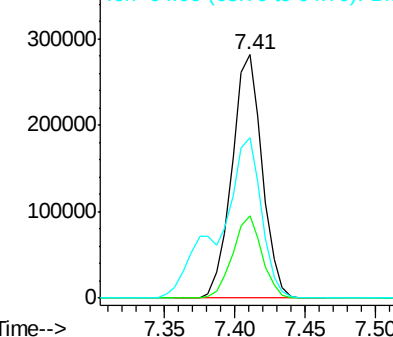
64 65.7 24.9 64.9#

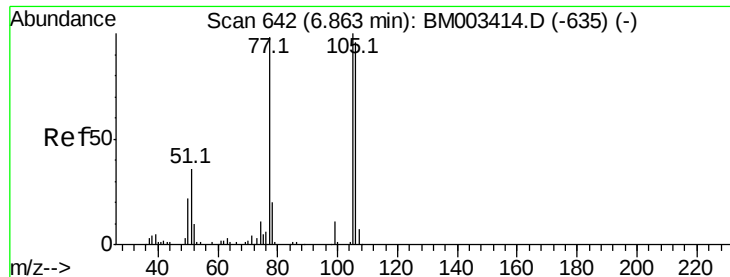


Abundance Ion 128.00 (127.70 to 128.70): BM009518.D (-720) (-)

Ion 130.00 (129.70 to 130.70): BM009518.D (-720) (-)

Ion 64.00 (63.70 to 64.70): BM009518.D (-720) (-)





#9

Benzaldehyde

Concen: 43.18 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

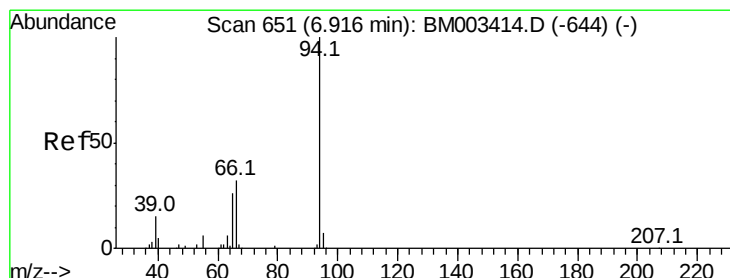
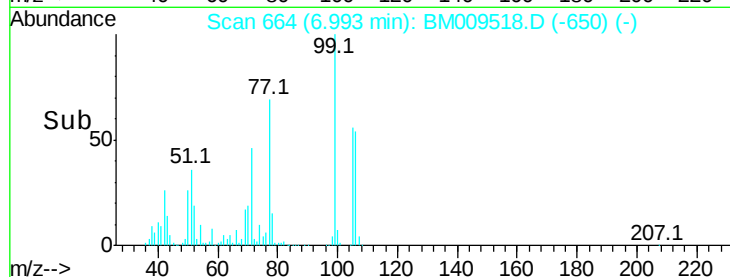
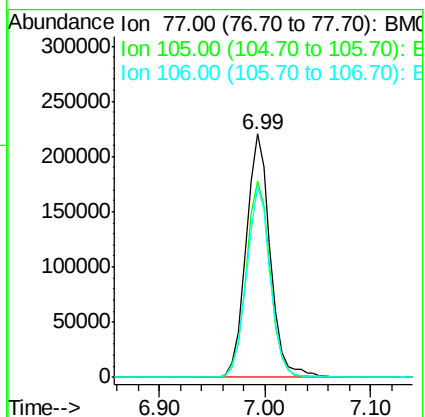
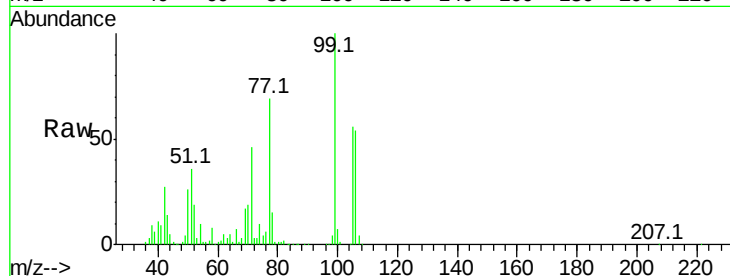
Tot Ion: 77 Resp: 351942

Ion Ratio Lower Upper

77 100

105 80.4 78.8 118.8

106 78.3 73.7 113.7



#10

Phenol

Concen: 57.27 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

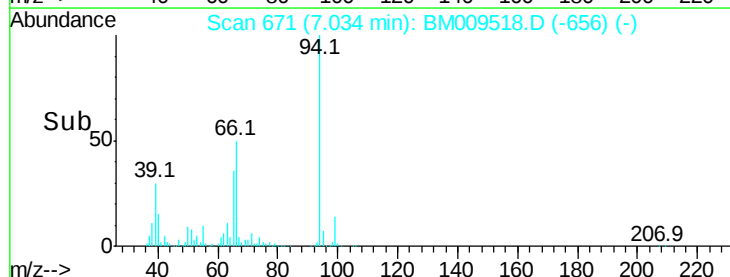
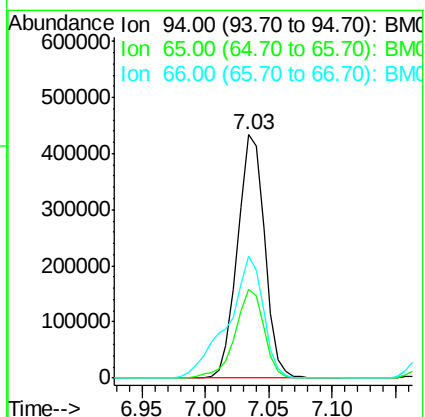
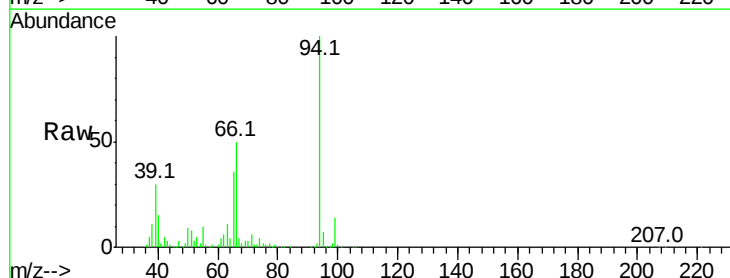
Tgt Ion: 94 Resp: 642531

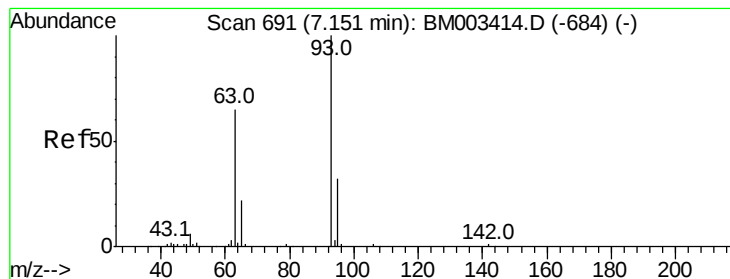
Ion Ratio Lower Upper

94 100

65 36.5 18.8 58.8

66 50.0 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 50.04 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

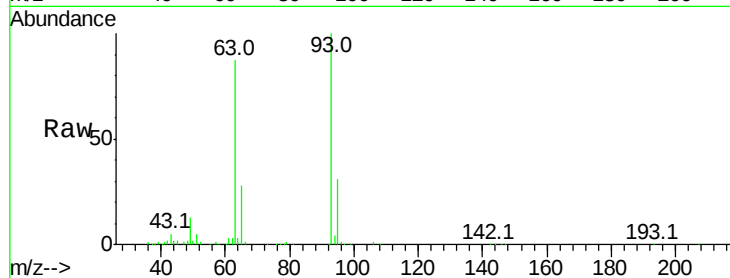
Tot Ion: 93 Resp: 460134

Ion Ratio Lower Upper

93 100

63 87.1 49.5 89.5

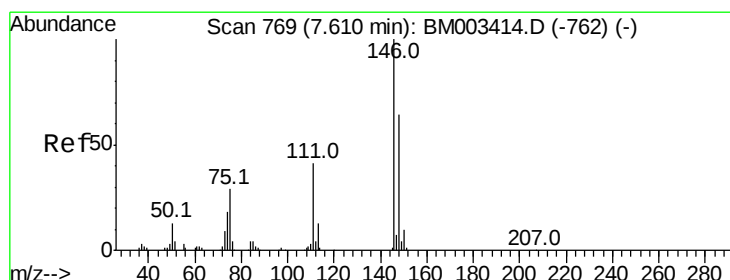
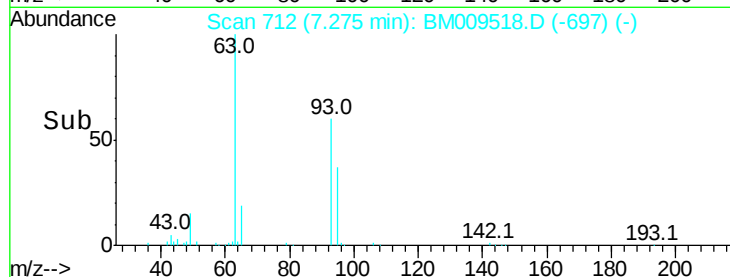
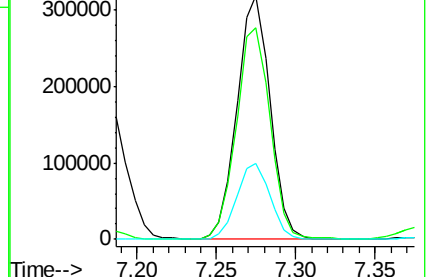
95 31.1 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM003414.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM003414.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM003414.D (-684) (-)



#12

1,3-Dichlorobenzene

Concen: 48.29 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

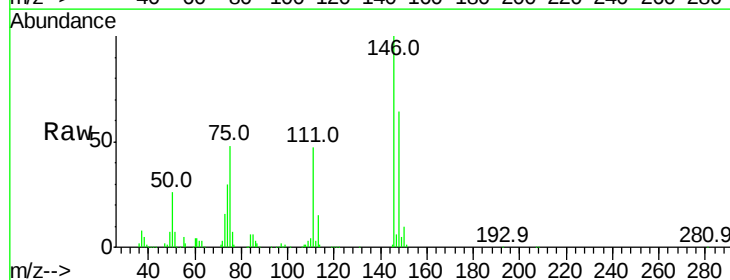
Tgt Ion: 146 Resp: 445120

Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

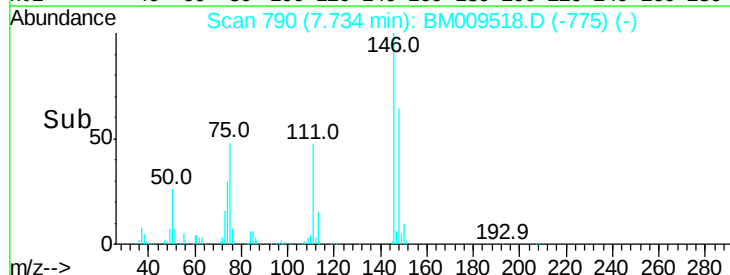
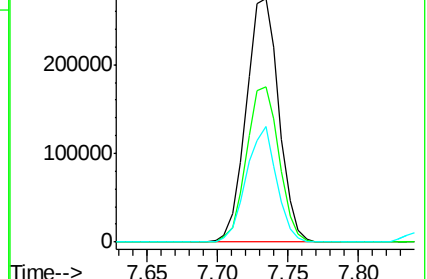
75 47.5 21.4 32.2#

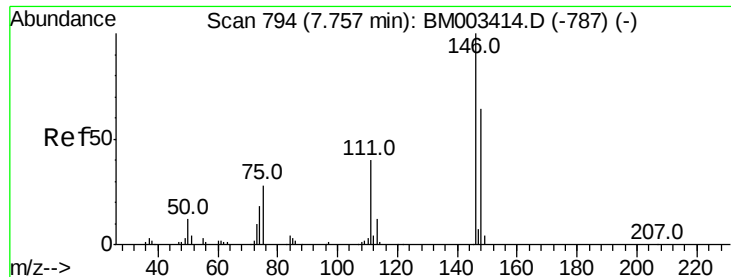


Abundance Ion 146.00 (145.70 to 146.70): BM003414.D (-762) (-)

Ion 148.00 (147.70 to 148.70): BM003414.D (-762) (-)

Ion 75.00 (74.70 to 75.70): BM003414.D (-762) (-)





#13

1,4-Dichlorobenzene

Concen: 47.10 ng

RT: 7.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

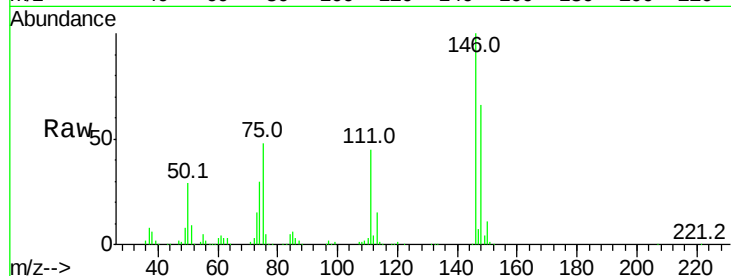
Tot Ion:146 Resp: 448575

Ion Ratio Lower Upper

146 100

148 66.0 51.9 77.9

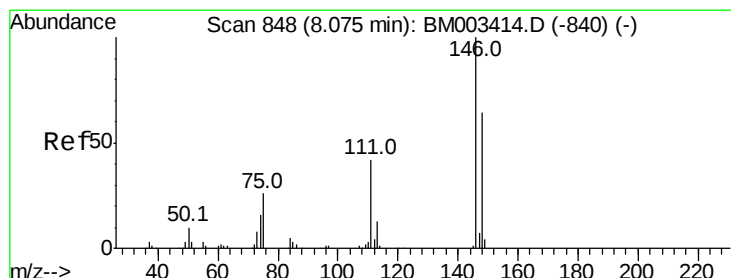
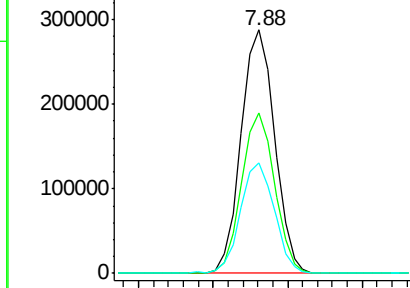
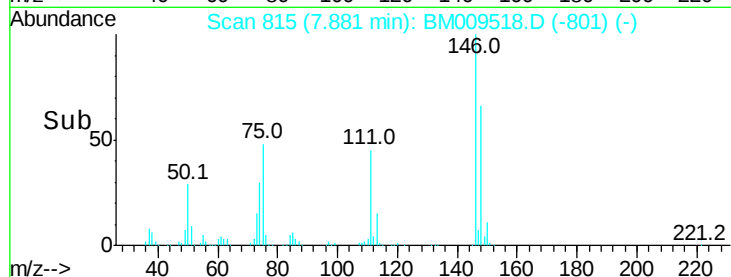
111 45.5 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.05 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

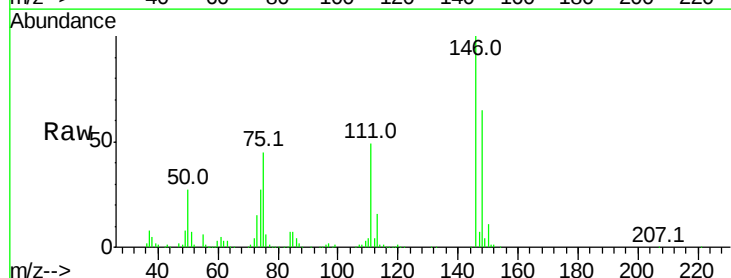
Tgt Ion:146 Resp: 444386

Ion Ratio Lower Upper

146 100

148 64.5 52.3 78.5

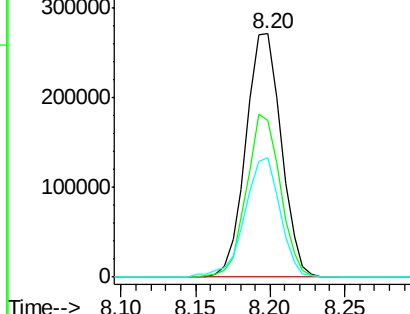
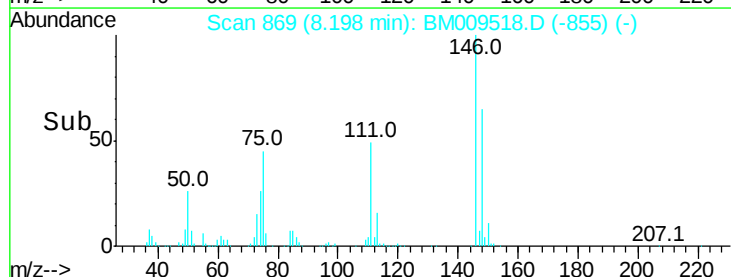
111 49.0 30.6 45.8#

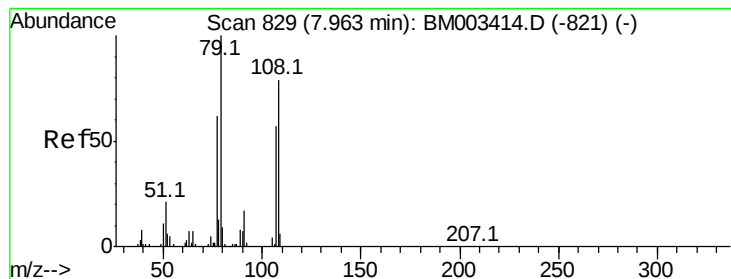


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.97 ng

RT: 8.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

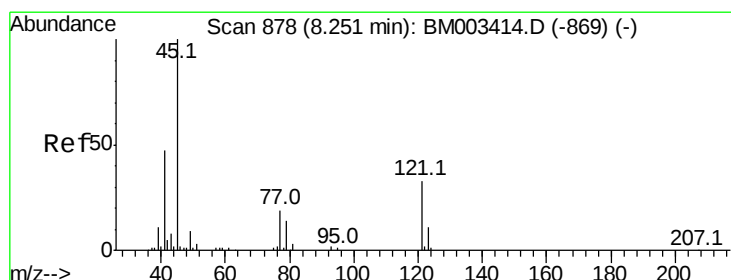
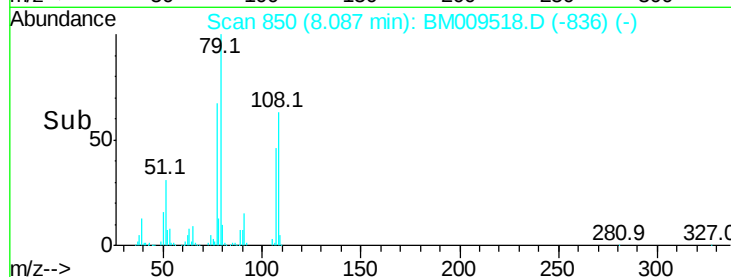
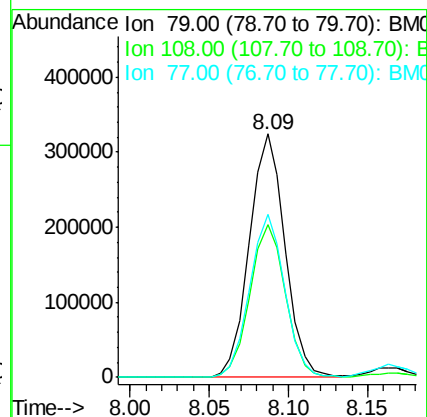
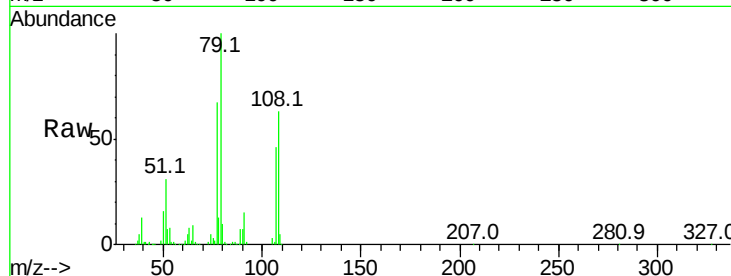
Tot Ion: 79 Resp: 506689

Ion Ratio Lower Upper

79 100

108 63.0 65.0 97.4#

77 66.9 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.05 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

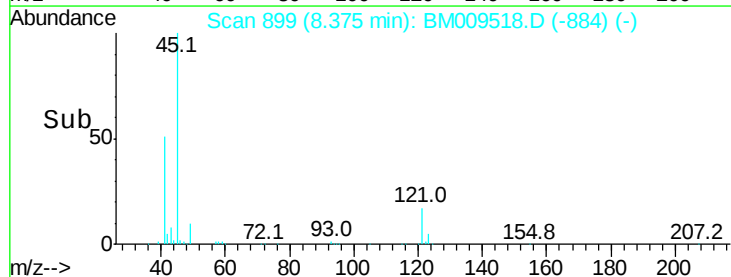
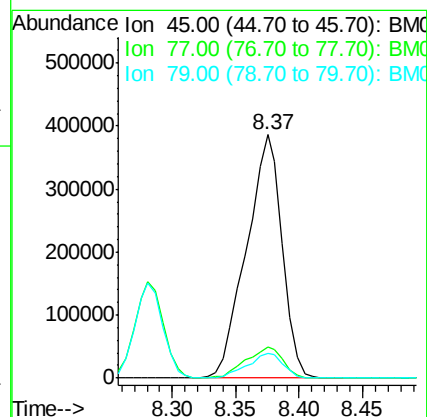
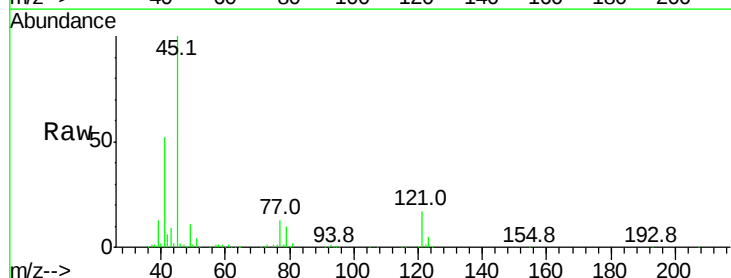
Tgt Ion: 45 Resp: 752032

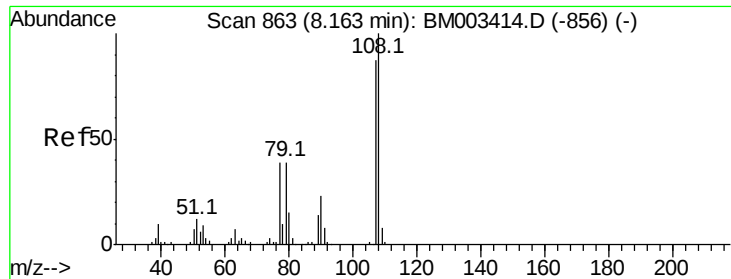
Ion Ratio Lower Upper

45 100

77 12.8 0.0 35.2

79 10.3 0.0 32.0





#17

2-Methylphenol

Concen: 54.78 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

Tot Ion:107 Resp: 402121

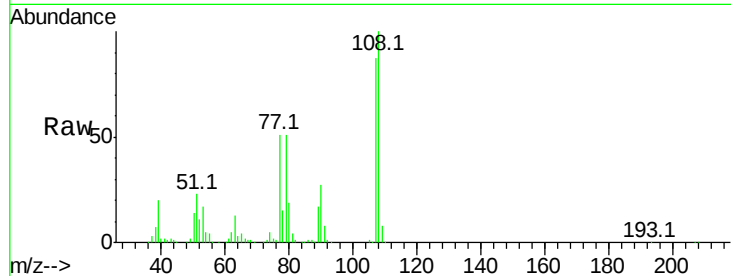
Ion Ratio Lower Upper

107 100

108 115.2 89.8 134.8

77 59.1 32.6 48.8#

79 58.8 32.8 49.2#

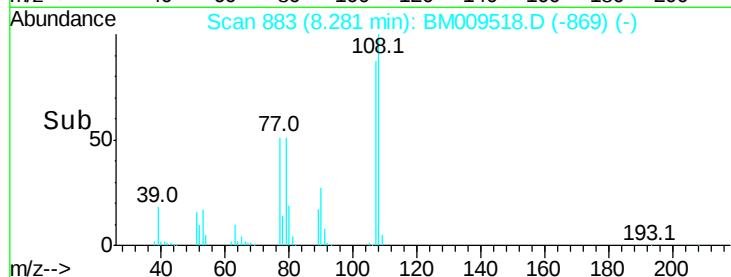


Abundance Ion 107.00 (106.70 to 107.70): E

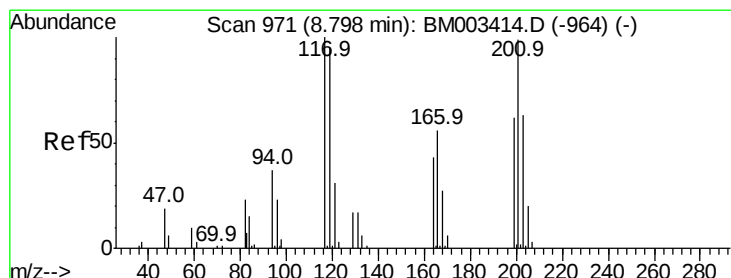
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



Time-->



#18

Hexachloroethane

Concen: 47.37 ng

RT: 8.92 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

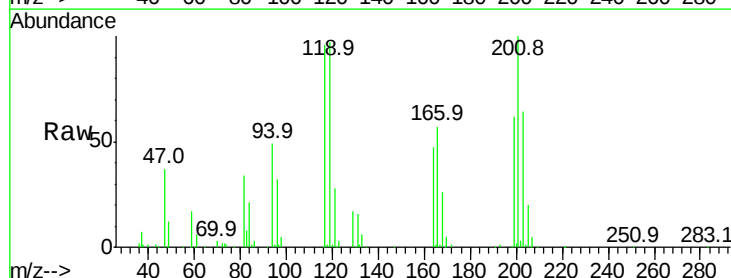
Tgt Ion:117 Resp: 184546

Ion Ratio Lower Upper

117 100

119 101.4 79.2 118.8

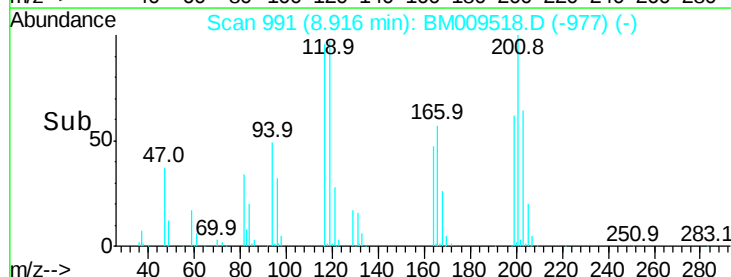
201 104.4 69.8 104.6



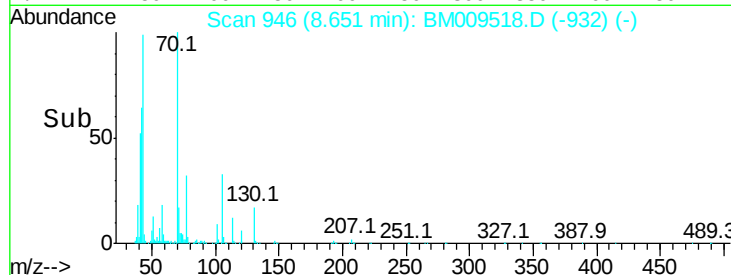
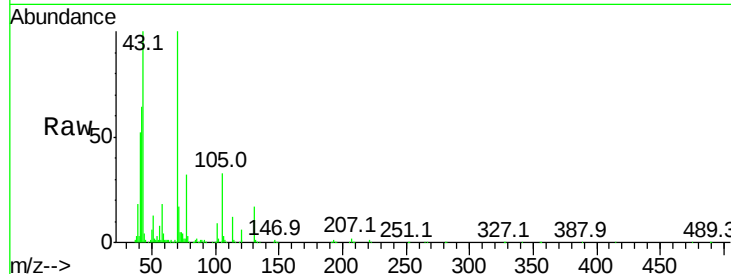
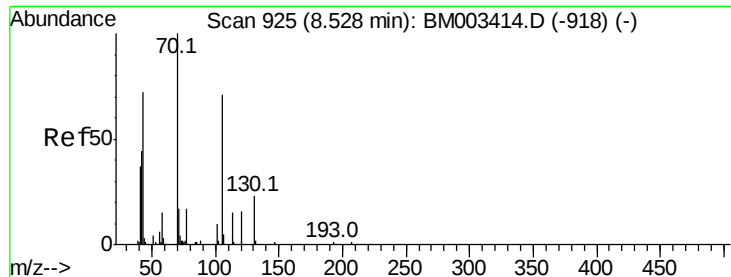
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



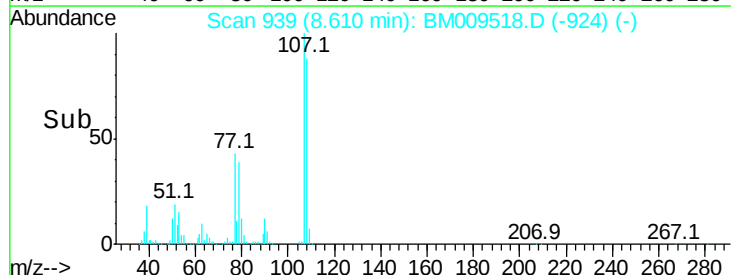
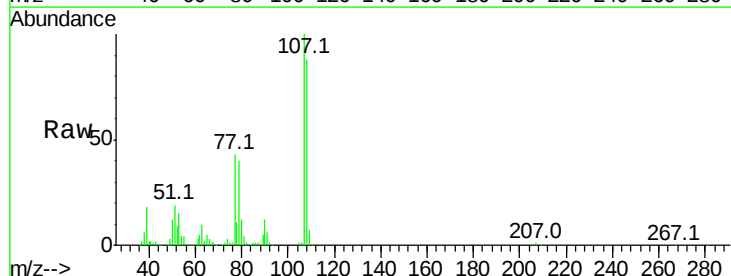
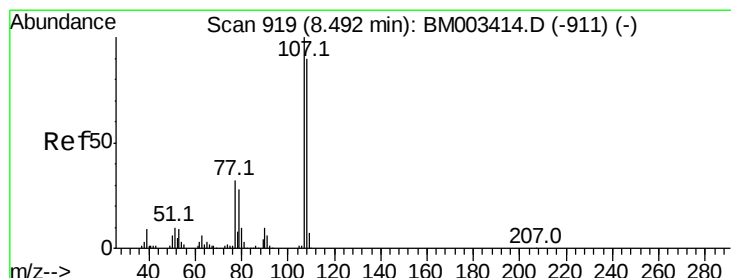
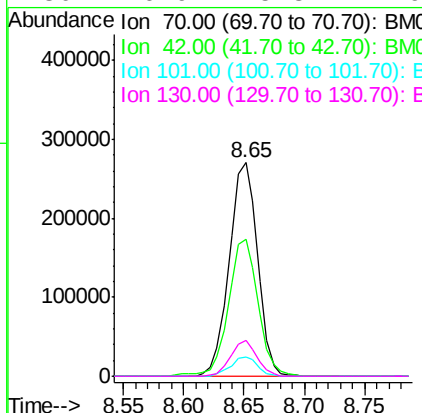
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 53.00 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

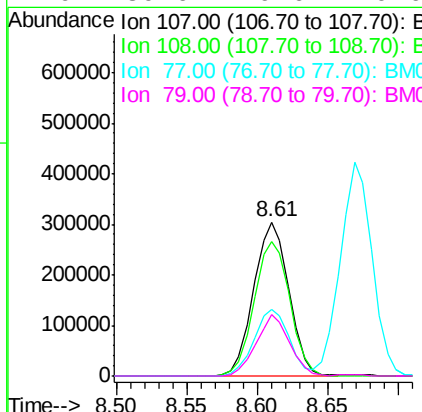
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

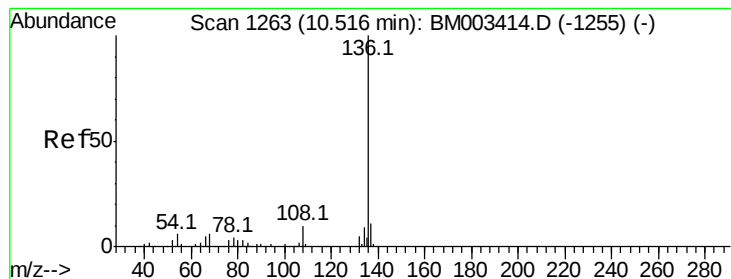
Tot Ion:	70	Resp:	442433
Ion	Ratio	Lower	Upper
70	100		
42	64.0	44.5	66.7
101	8.8	7.4	11.2
130	16.9	15.3	22.9



#20
3+4-Methylphenols
Concen: 53.36 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion:	107	Resp:	532538
Ion	Ratio	Lower	Upper
107	100		
108	87.7	73.2	113.2
77	43.1	10.7	50.7
79	39.6	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

Tot Ion:136 Resp: 480627

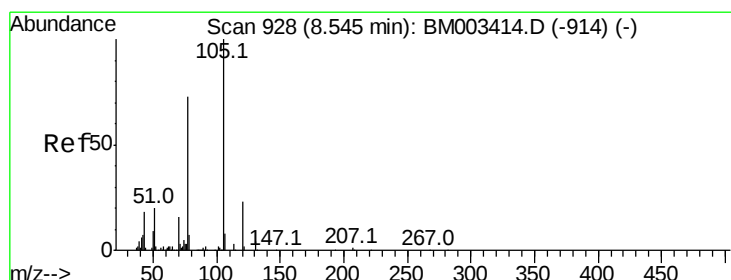
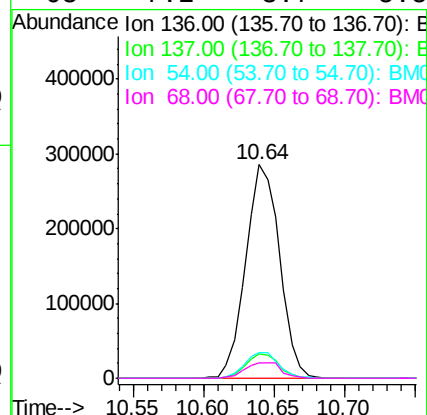
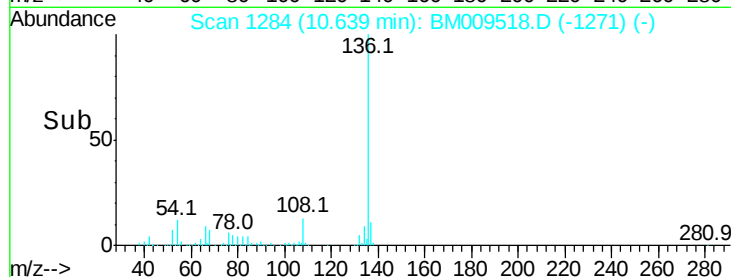
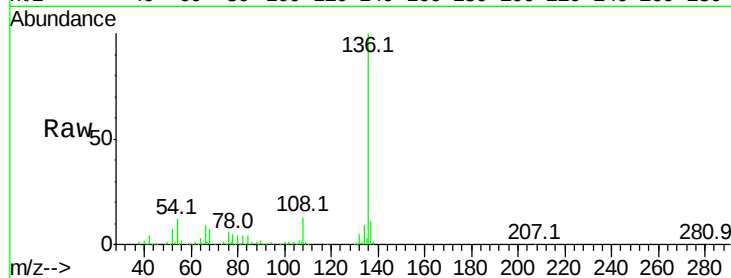
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.9 4.6 6.8#

68 7.2 3.7 5.5#



#22

Acetophenone

Concen: 52.86 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Tgt Ion:105 Resp: 716469

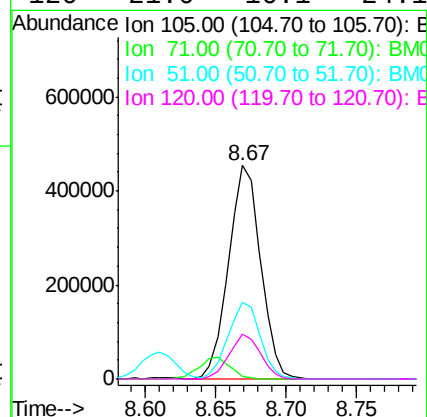
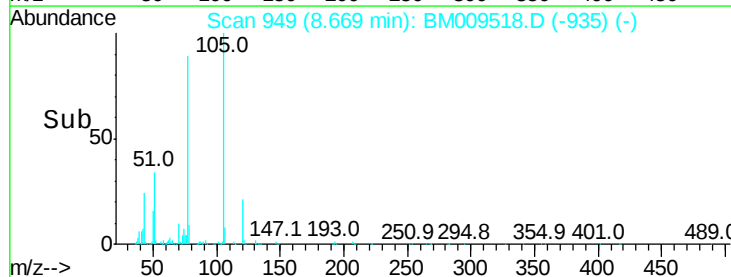
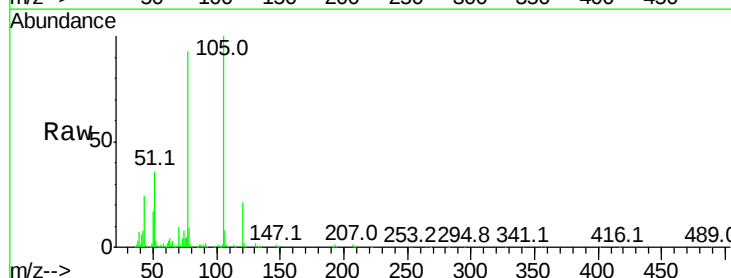
Ion Ratio Lower Upper

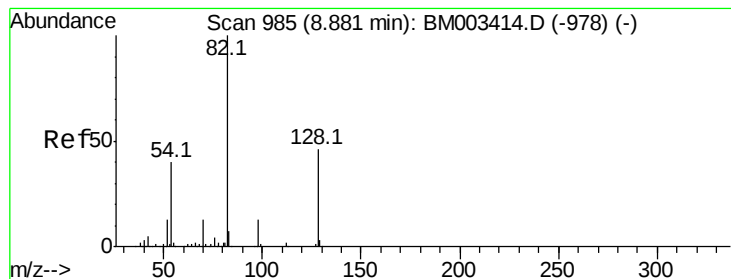
105 100

71 1.4 0.6 1.0#

51 35.8 21.6 32.4#

120 21.0 16.1 24.1





#23

Nitrobenzene-d5

Concen: 97.47 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

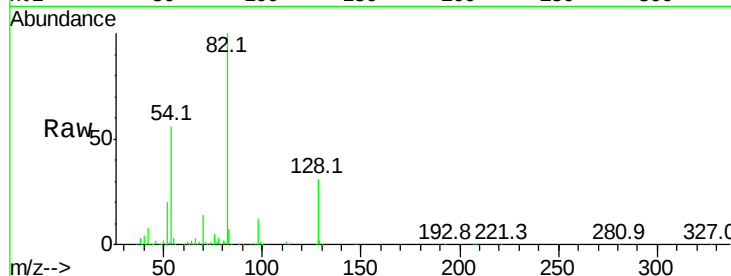
Tot Ion: 82 Resp: 1249393

Ion Ratio Lower Upper

82 100

128 30.8 32.8 49.2#

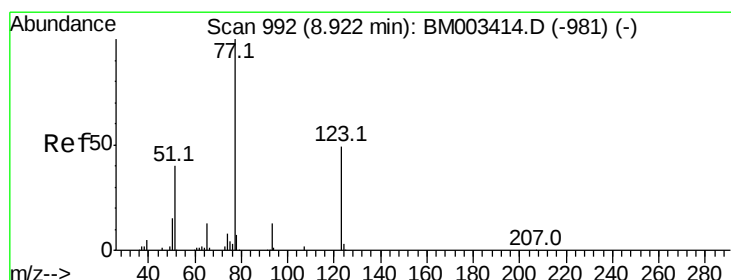
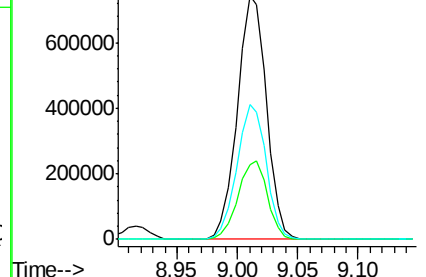
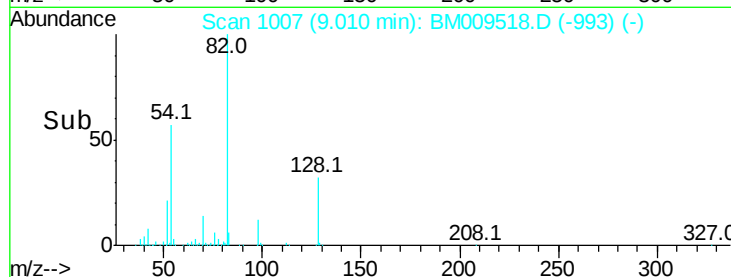
54 55.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM009518.D (-993) (-)

Ion 128.00 (127.70 to 128.70): BM009518.D (-993) (-)

Ion 54.00 (53.70 to 54.70): BM009518.D (-993) (-)



#24

Nitrobenzene

Concen: 51.35 ng

RT: 9.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

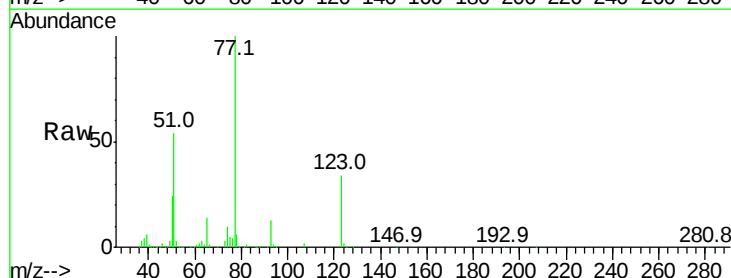
Tgt Ion: 77 Resp: 644903

Ion Ratio Lower Upper

77 100

123 34.0 32.6 49.0

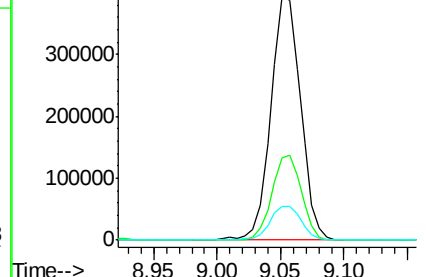
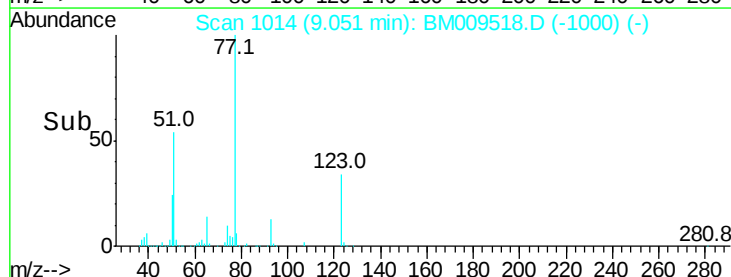
65 13.6 10.9 16.3

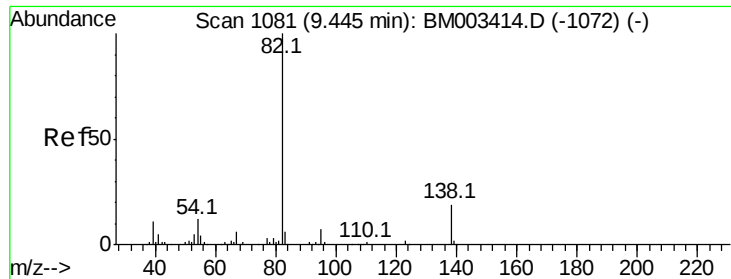


Abundance Ion 77.00 (76.70 to 77.70): BM009518.D (-1000) (-)

Ion 123.00 (122.70 to 123.70): BM009518.D (-1000) (-)

Ion 65.00 (64.70 to 65.70): BM009518.D (-1000) (-)





#25

Isophorone

Concen: 56.17 ng

RT: 9.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

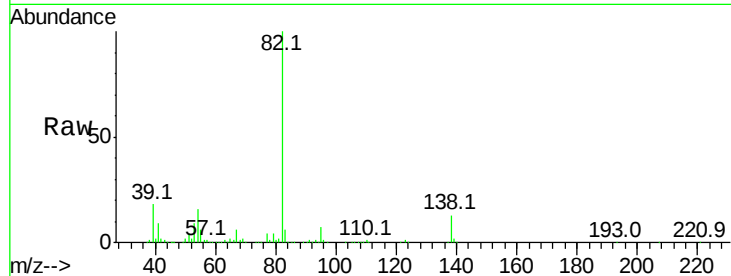
Tot Ion: 82 Resp: 1098422

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

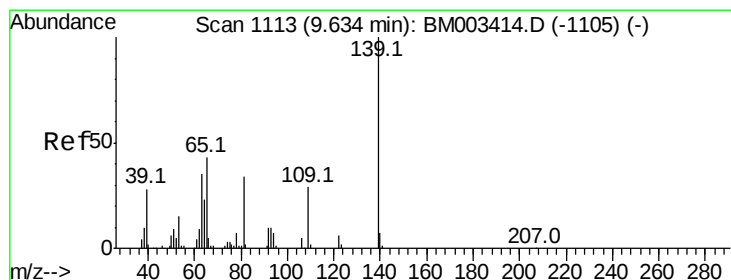
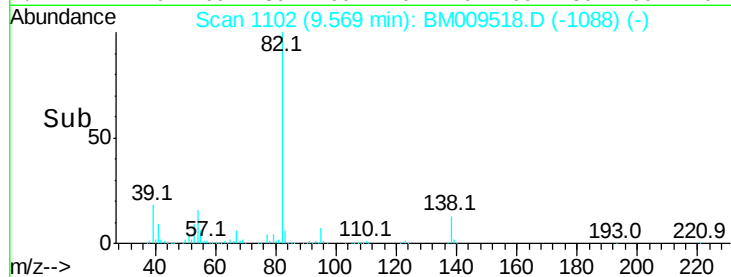
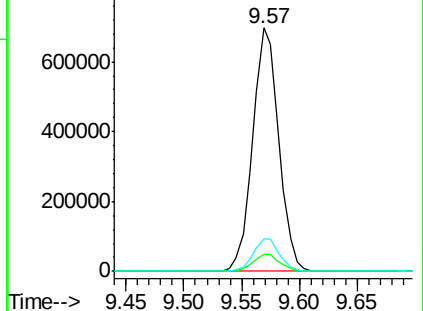
138 13.1 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM009518.D (-1088) (-)

Ion 95.00 (94.70 to 95.70): BM009518.D (-1088) (-)

Ion 138.00 (137.70 to 138.70): BM009518.D (-1088) (-)



#26

2-Nitrophenol

Concen: 58.38 ng

RT: 9.76 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

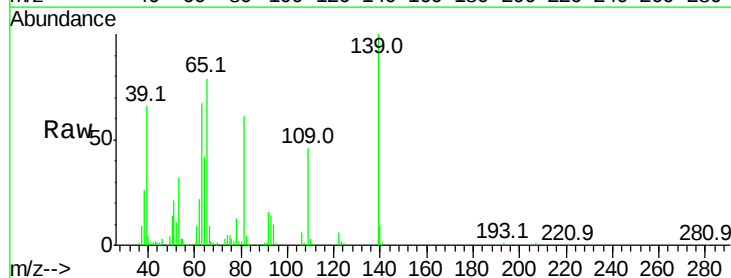
Tgt Ion: 139 Resp: 221112

Ion Ratio Lower Upper

139 100

109 45.6 20.1 30.1#

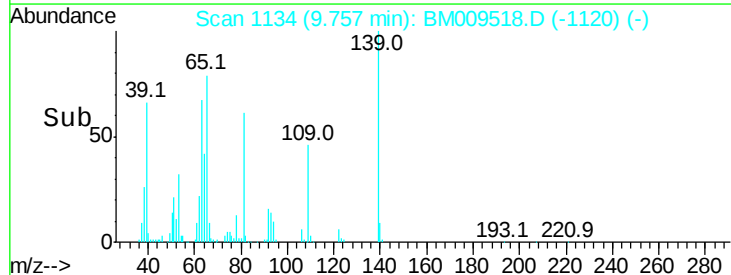
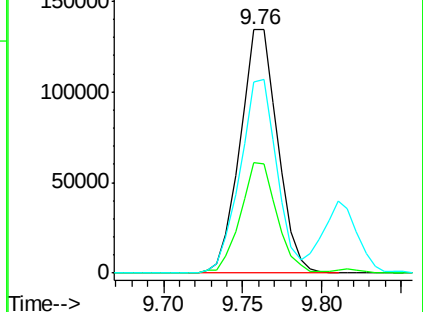
65 78.6 31.5 47.3#

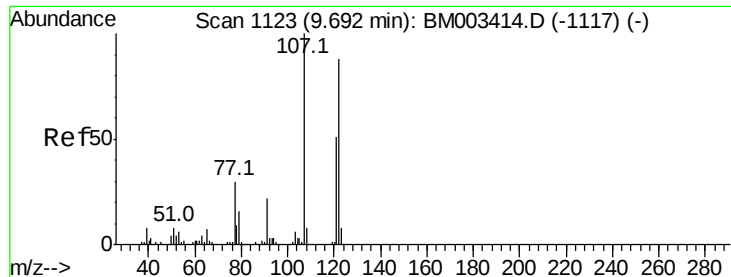


Abundance Ion 139.00 (138.70 to 139.70): BM009518.D (-1120) (-)

Ion 109.00 (108.70 to 109.70): BM009518.D (-1120) (-)

Ion 65.00 (64.70 to 65.70): BM009518.D (-1120) (-)

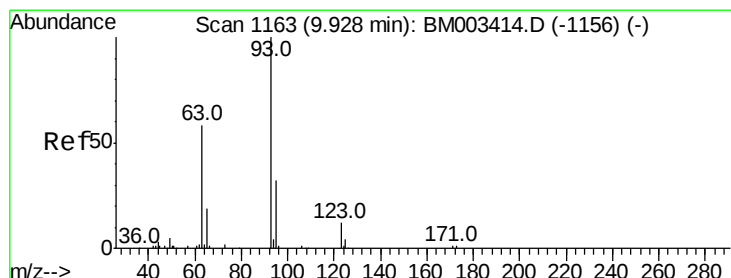
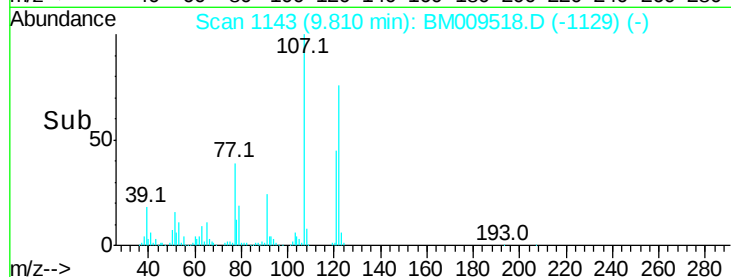
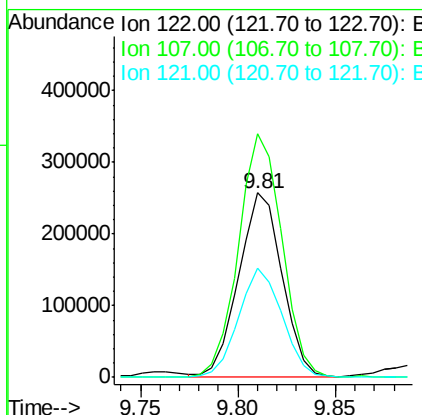
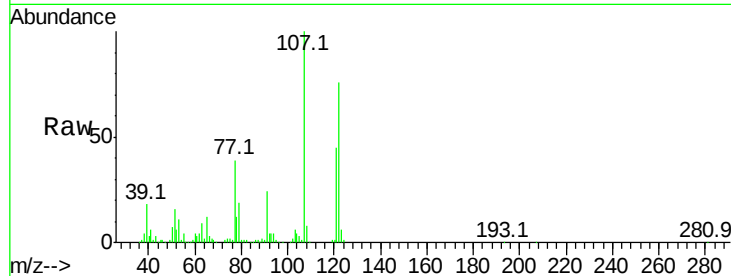




#27
 2,4-Dimethylphenol
 Concen: 57.05 ng
 RT: 9.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

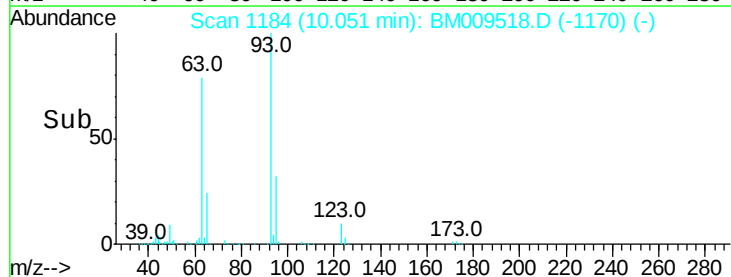
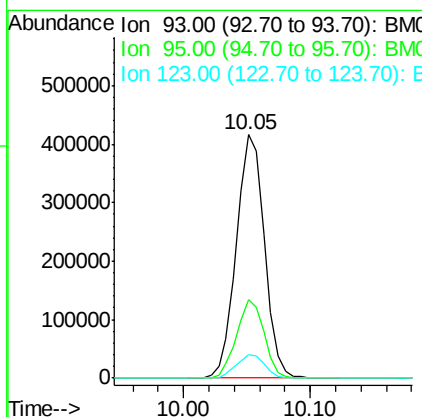
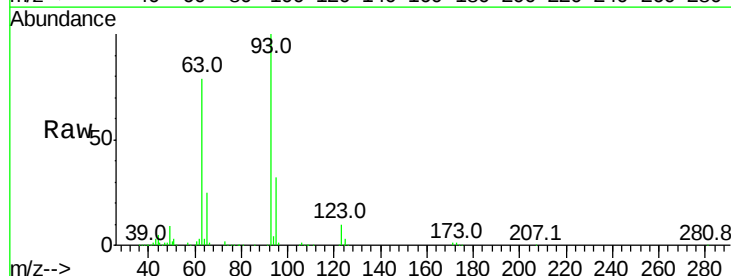
Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

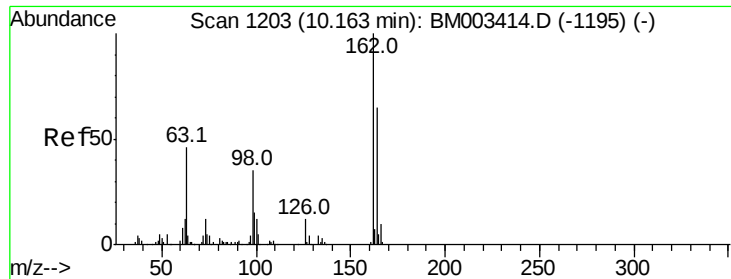
Tot Ion	Ratio	Lower	Upper
122	100		
107	132.2	84.7	127.1#
121	59.6	46.6	69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.42 ng
 RT: 10.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	9.6	8.6	13.0

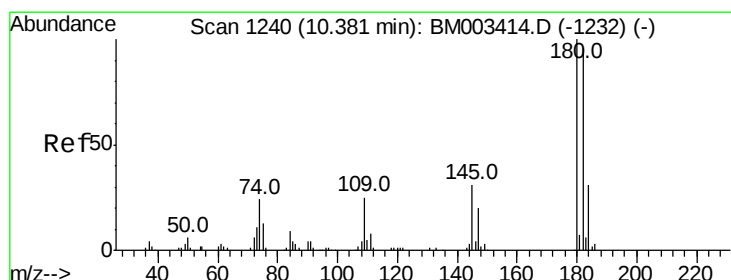
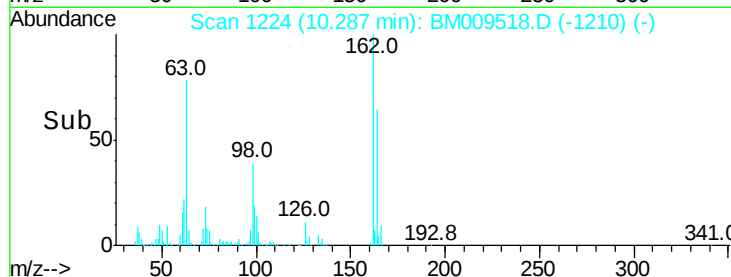
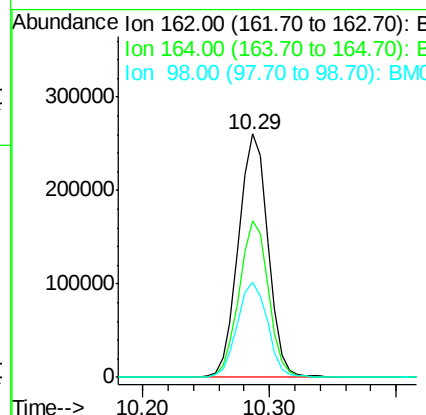
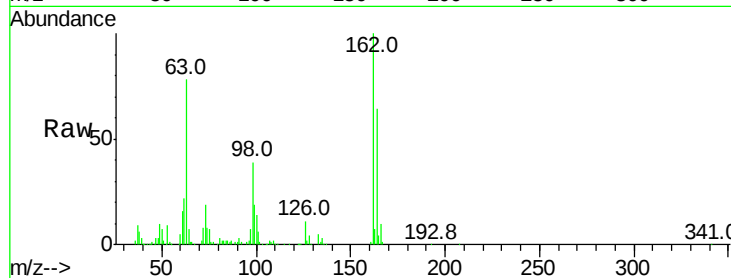




#29
2,4-Dichlorophenol
Concen: 58.07 ng
RT: 10.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

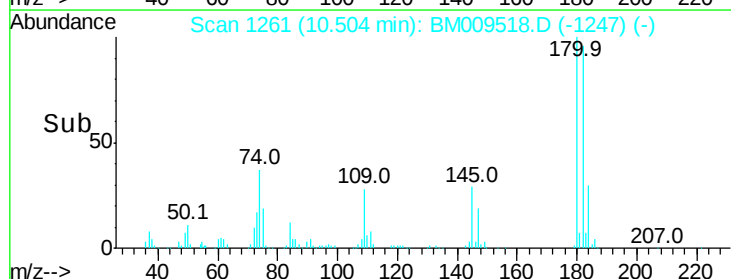
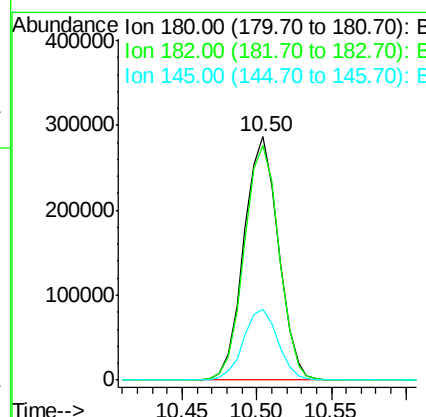
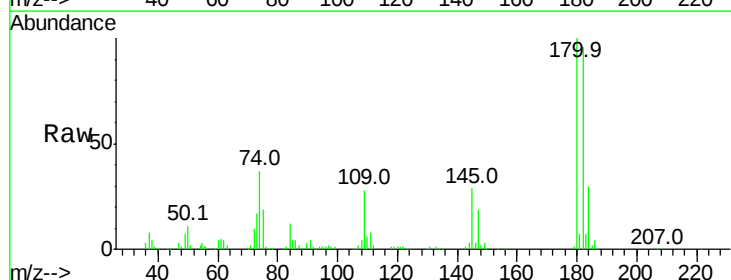
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

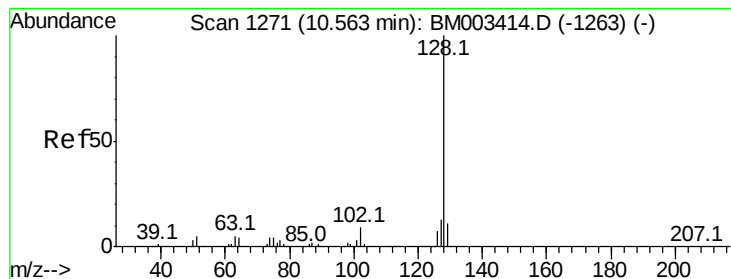
Tot Ion:162 Resp: 420670
Ion Ratio Lower Upper
162 100
164 64.4 42.8 82.8
98 39.1 14.5 54.5



#30
1,2,4-Trichlorobenzene
Concen: 50.99 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion:180 Resp: 458290
Ion Ratio Lower Upper
180 100
182 96.2 77.6 116.4
145 29.1 23.4 35.2





#31

Naphthalene

Concen: 50.40 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

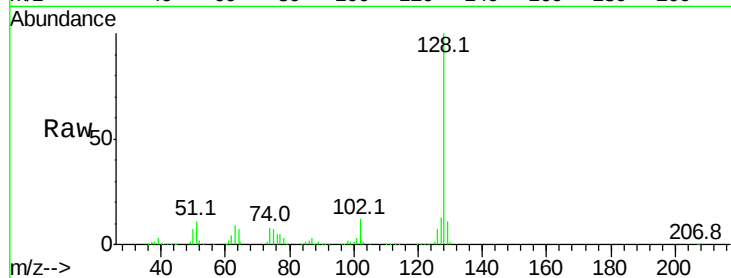
Tot Ion:128 Resp: 1285670

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

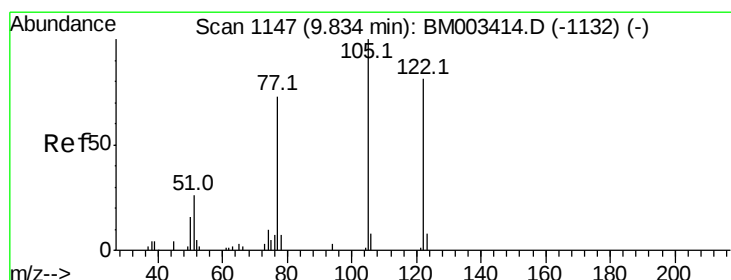
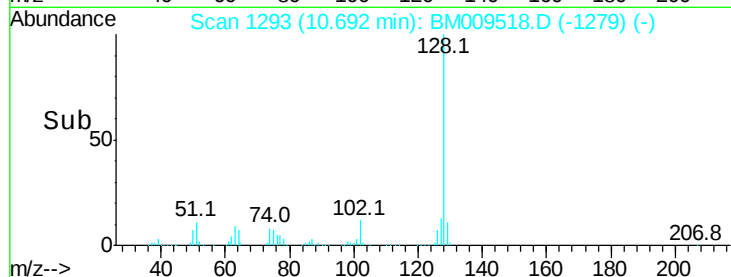
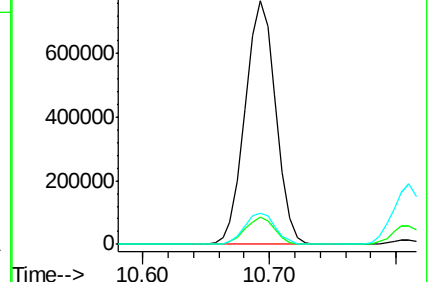
127 13.0 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 19.95 ng

RT: 9.92 min Scan# 1161

Delta R.T. -0.04 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

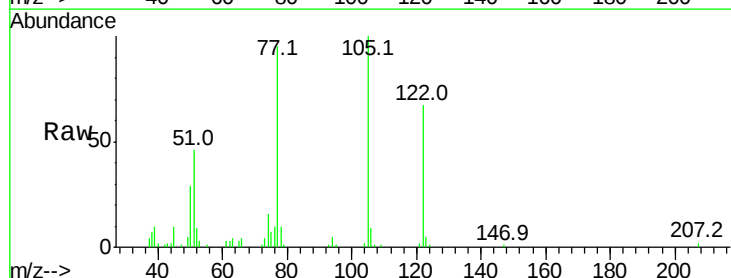
Tgt Ion:122 Resp: 86529

Ion Ratio Lower Upper

122 100

105 149.4 99.9 139.9#

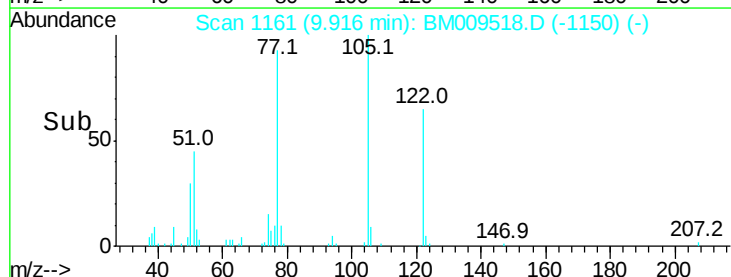
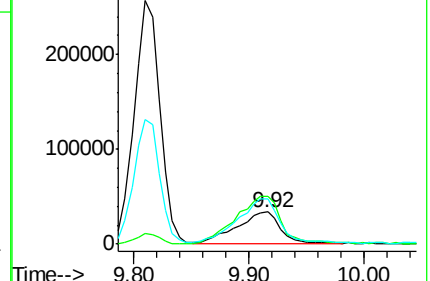
77 142.5 73.7 113.7#

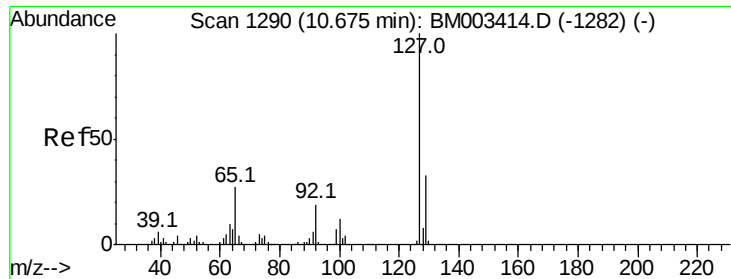


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





#33

4-Chloroaniline

Concen: 31.84 ng

RT: 10.81 min Scan# 1313

Delta R.T. -0.01 min

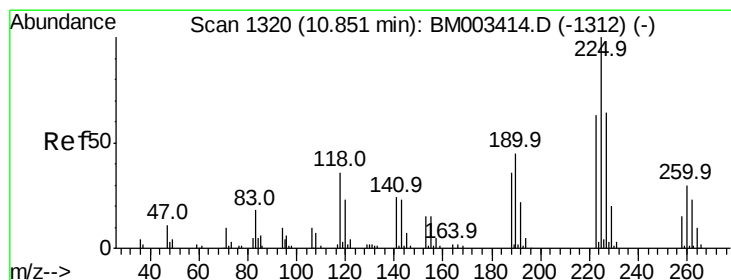
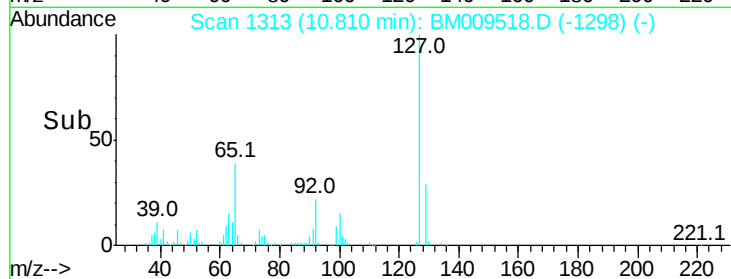
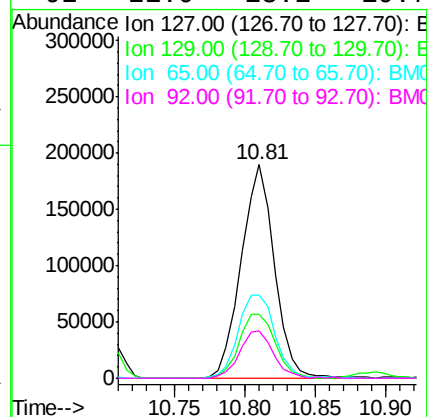
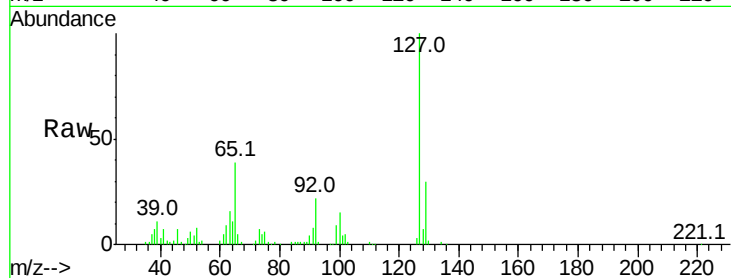
Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :
BNA_M

ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion:	127	Resp:	313285
Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.3	37.9
65	38.9	17.6	26.4
92	21.9	13.1	19.7



#34

Hexachlorobutadiene

Concen: 46.92 ng

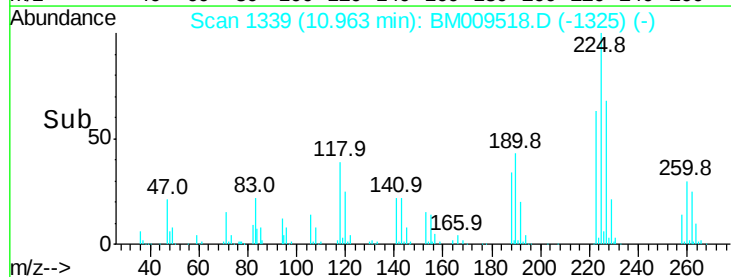
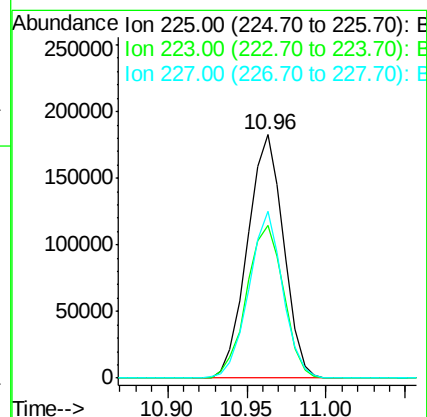
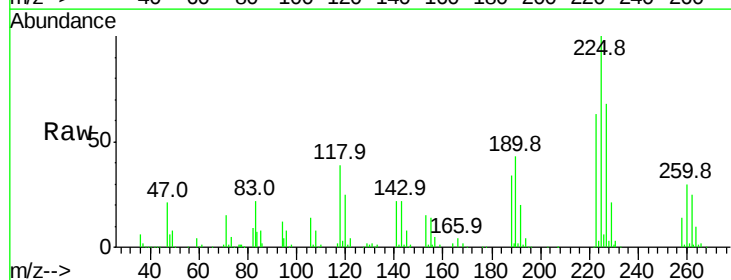
RT: 10.96 min Scan# 1339

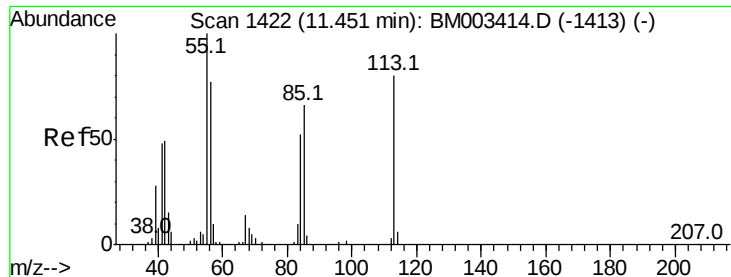
Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Tgt Ion:	225	Resp:	288770
Ion	Ratio	Lower	Upper
225	100		
223	62.6	47.9	71.9
227	68.3	50.1	75.1





#35

Caprolactam

Concen: 44.23 ng

RT: 11.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

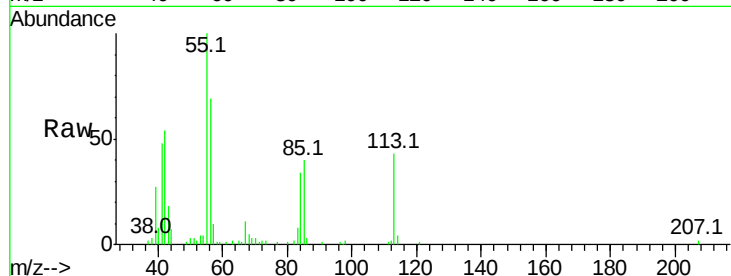
Tot Ion:113 Resp: 97809

Ion Ratio Lower Upper

113 100

55 230.6 145.9 185.9#

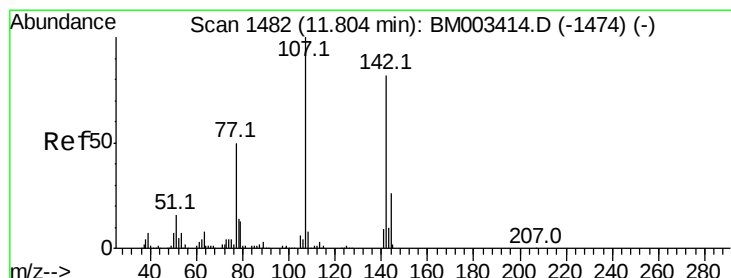
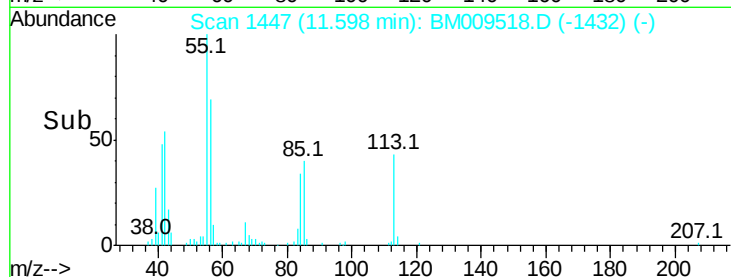
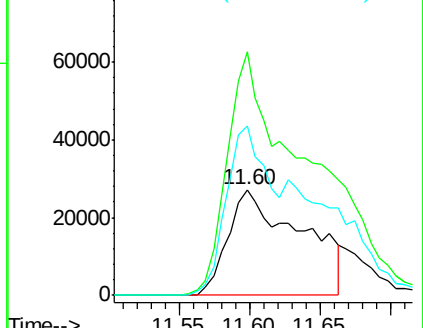
56 159.9 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 59.80 ng

RT: 11.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

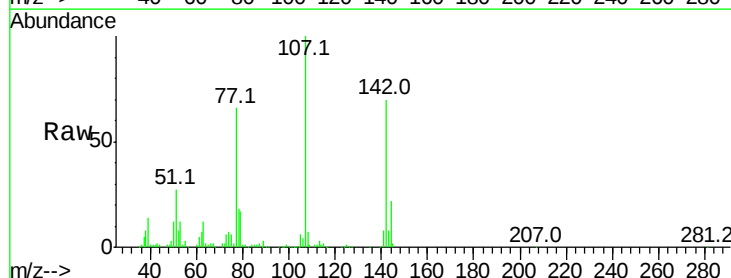
Tgt Ion:107 Resp: 490122

Ion Ratio Lower Upper

107 100

144 22.0 23.3 34.9#

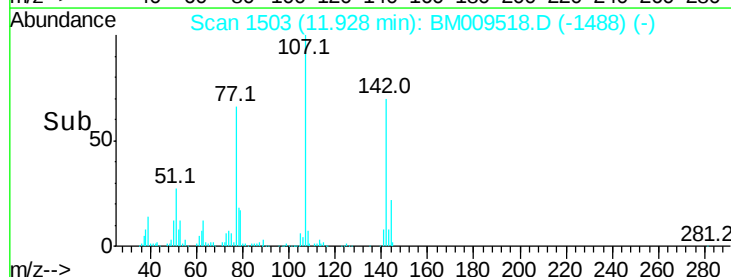
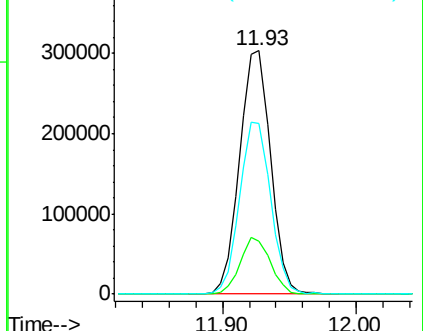
142 70.1 72.6 109.0#

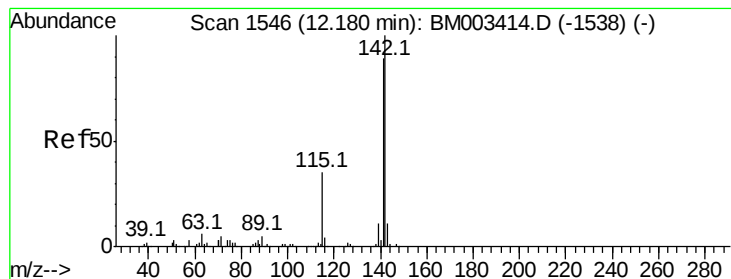


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 54.61 ng

RT: 12.30 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

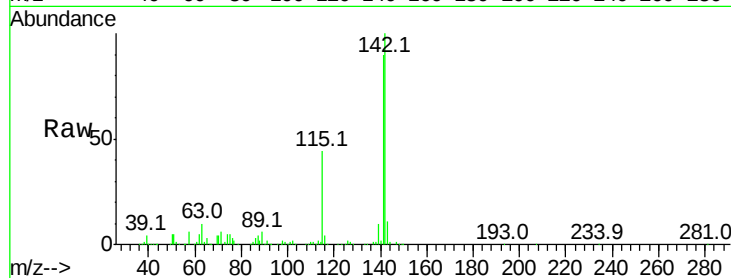
Tot Ion:142 Resp: 961708

Ion Ratio Lower Upper

142 100

141 90.0 71.9 107.9

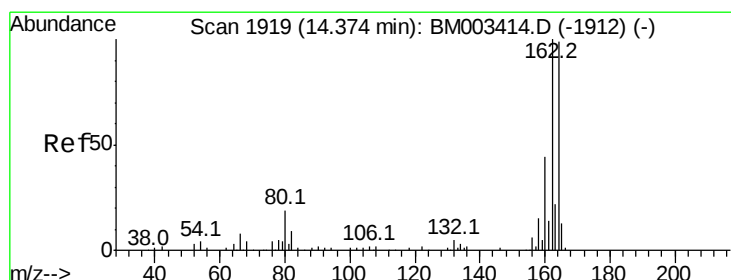
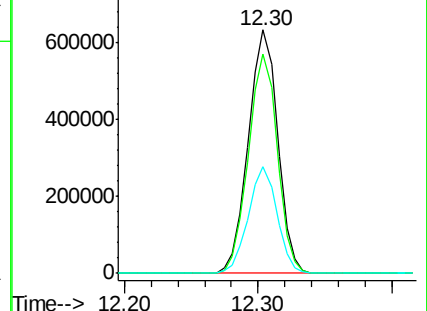
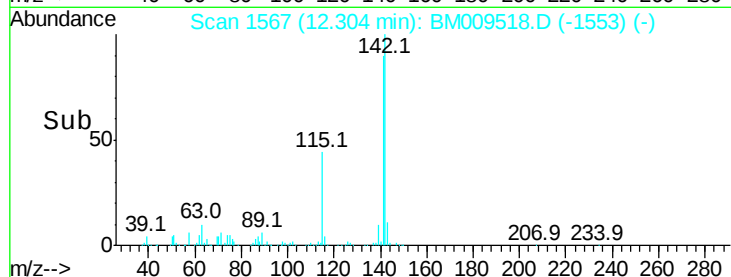
115 43.6 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

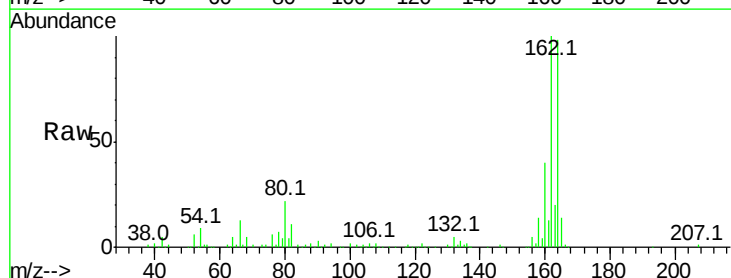
Tgt Ion:164 Resp: 291598

Ion Ratio Lower Upper

164 100

162 102.4 82.4 123.6

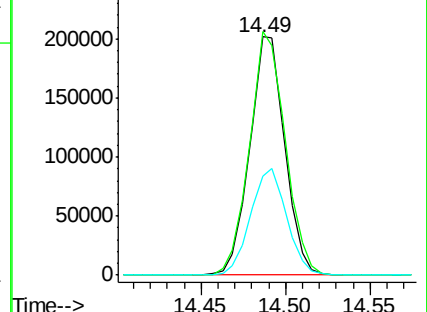
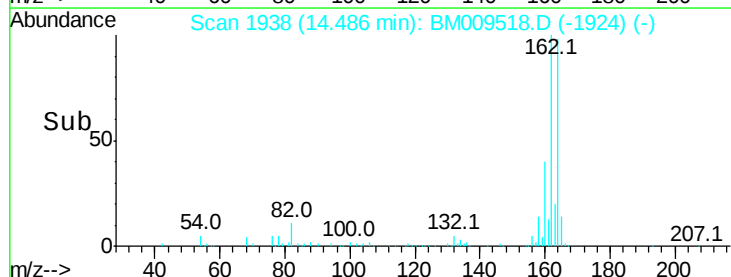
160 41.4 35.8 53.6

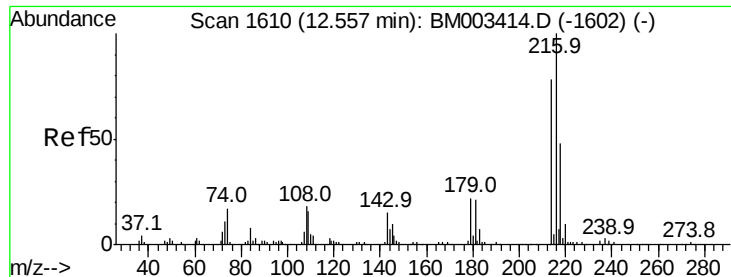


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.57 ng

RT: 12.67 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

Tot Ion:216 Resp: 534704

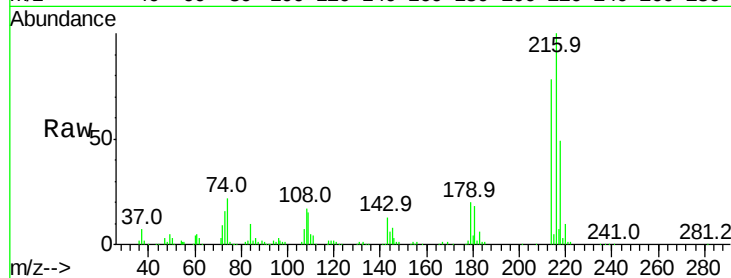
Ion Ratio Lower Upper

216 100

214 78.6 0.0 0.0#

179 20.8 0.0 0.0#

108 23.4 0.0 0.0#

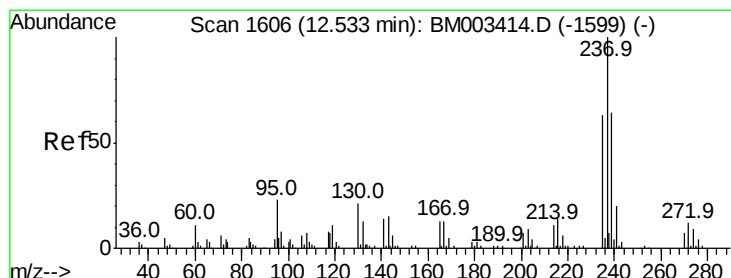
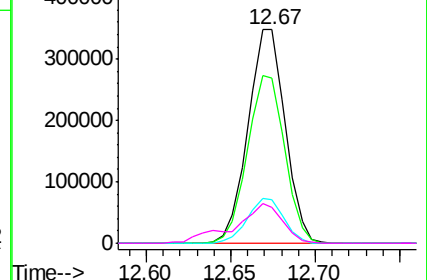
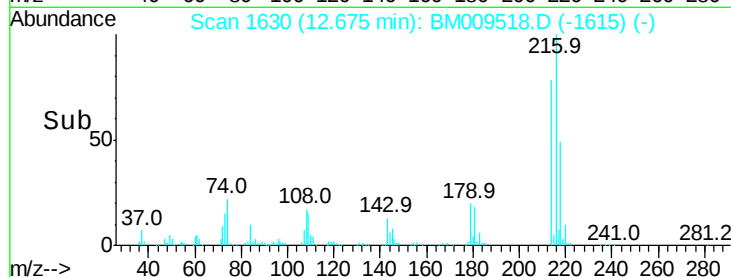


Abundance Ion 216.00 (215.70 to 216.70): E

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: 102.12 ng

RT: 12.64 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

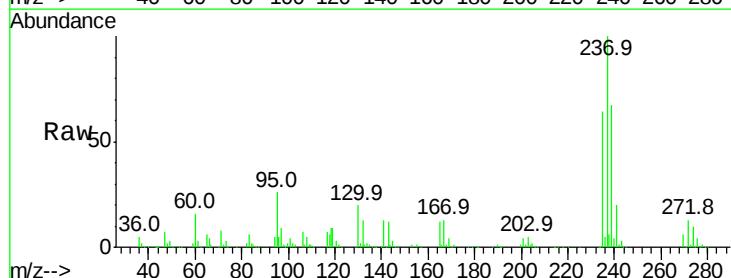
Tgt Ion:237 Resp: 645285

Ion Ratio Lower Upper

237 100

235 63.7 42.0 82.0

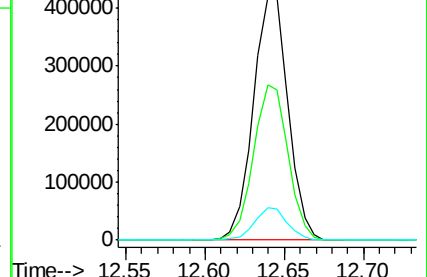
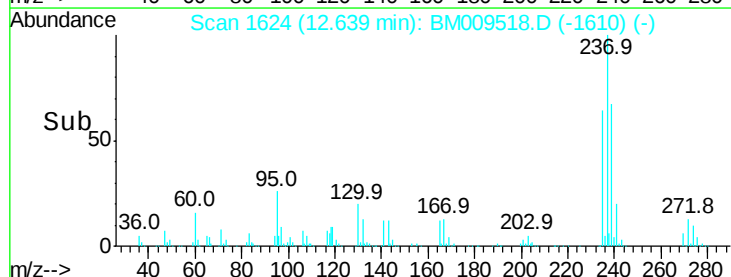
272 13.4 0.0 33.4

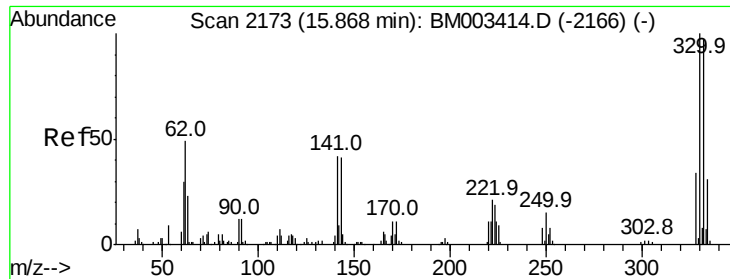


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

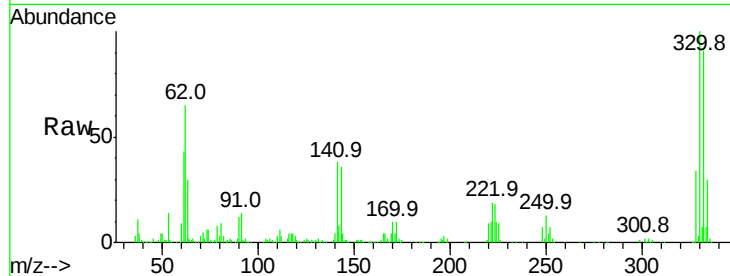




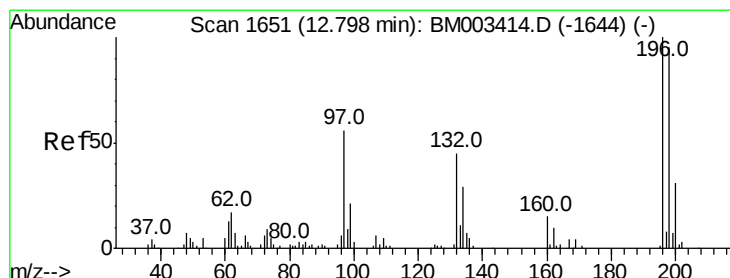
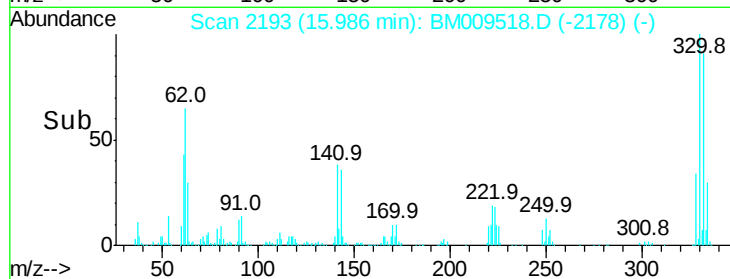
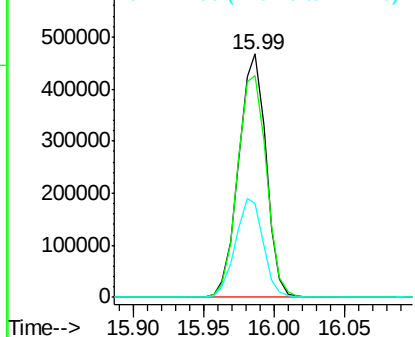
#41
 2,4,6-Tribromophenol
 Concen: 175.82 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	41.0	0.0	0.0#

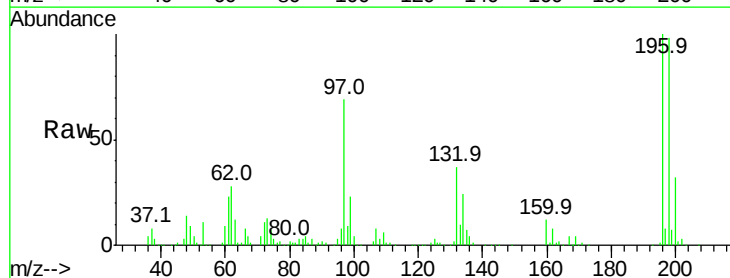


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

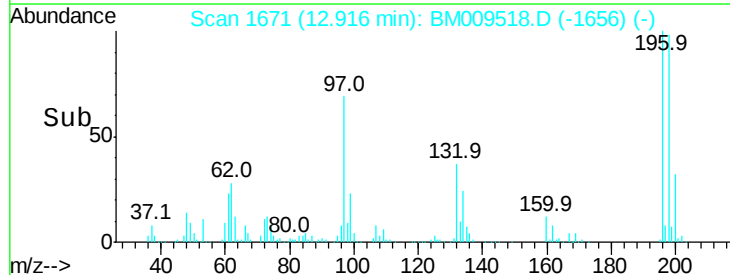
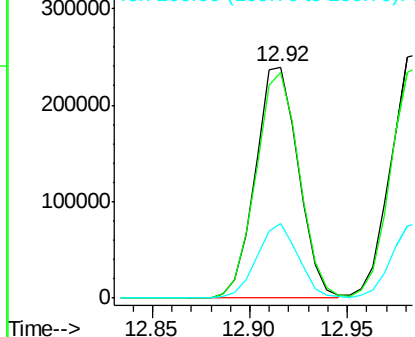


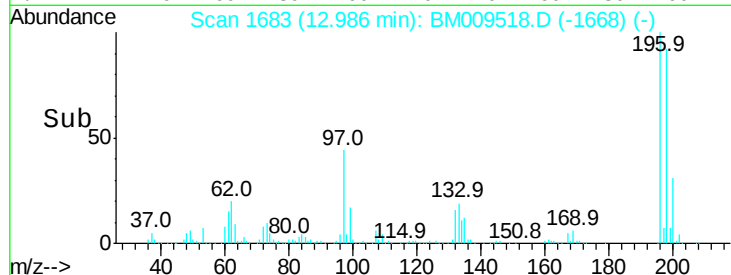
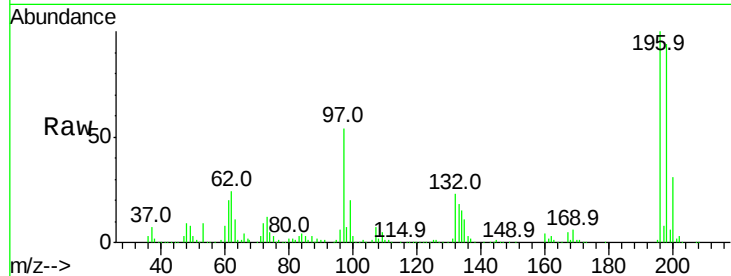
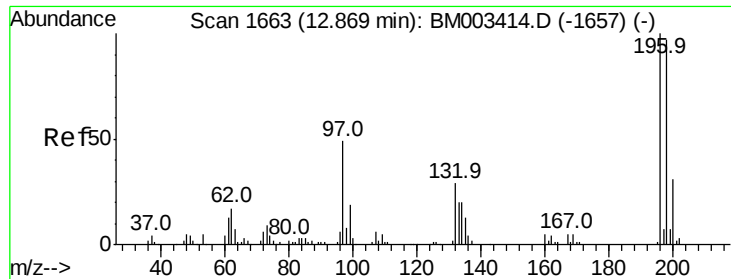
#42
 2,4,6-Trichlorophenol
 Concen: 58.18 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.3	114.5
200	32.1	25.6	38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

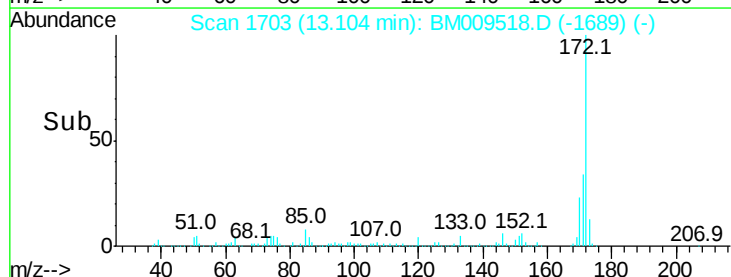
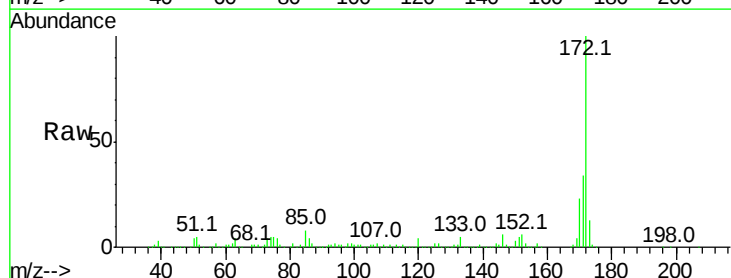
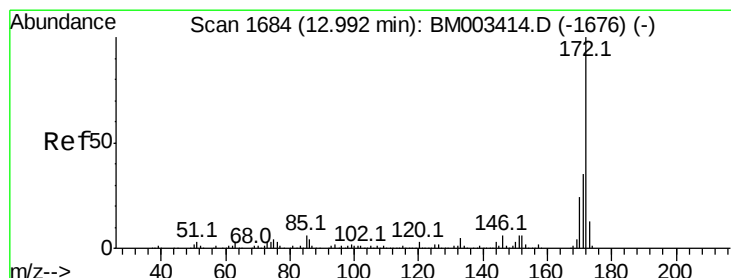
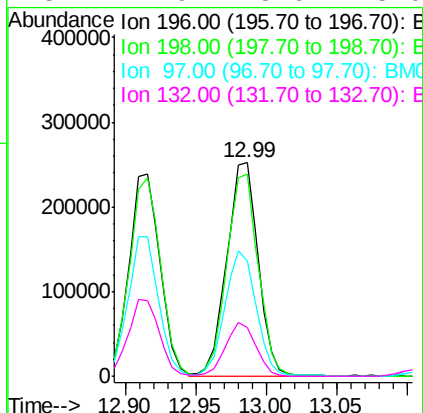




#43
2,4,5-Trichlorophenol
Concen: 55.65 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

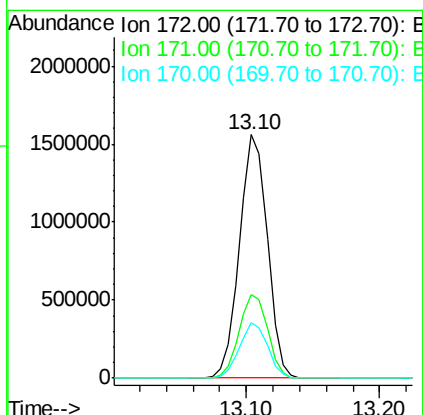
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

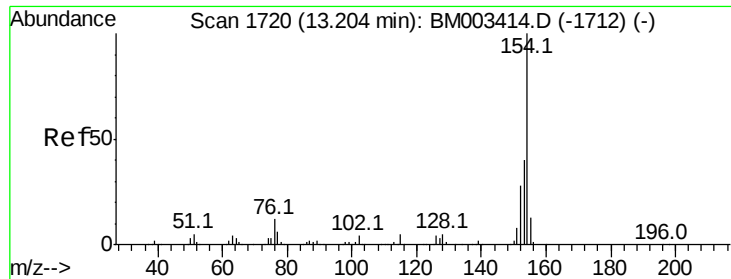
Tot Ion:	196	Resp:	390881
Ion	Ratio	Lower	Upper
196	100		
198	94.4	79.4	119.0
97	54.0	26.8	40.2#
132	22.9	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 92.89 ng
RT: 13.10 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion:	172	Resp:	2247949
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	22.7	18.8	28.2



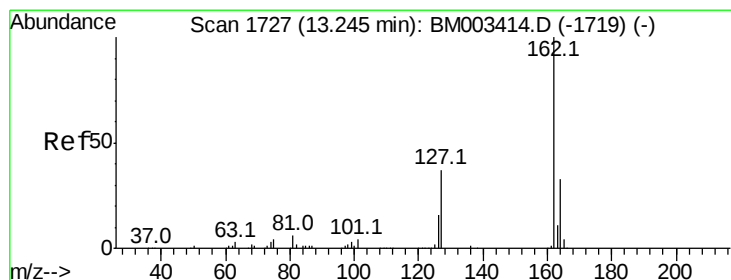
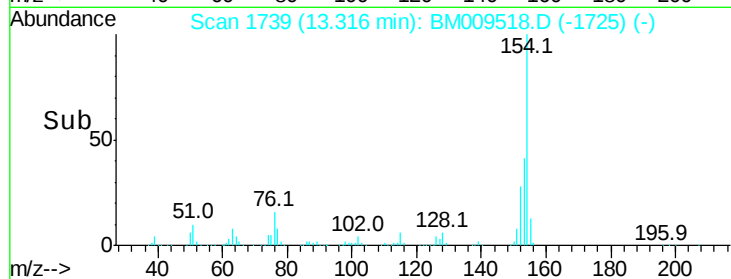
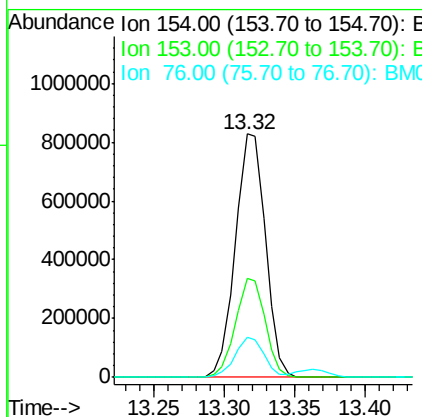
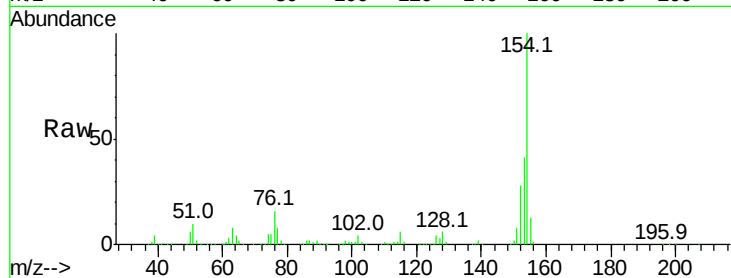


#45
 1,1'-Biphenyl
 Concen: 50.71 ng
 RT: 13.32 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

Tot Ion:154 Resp: 1230666

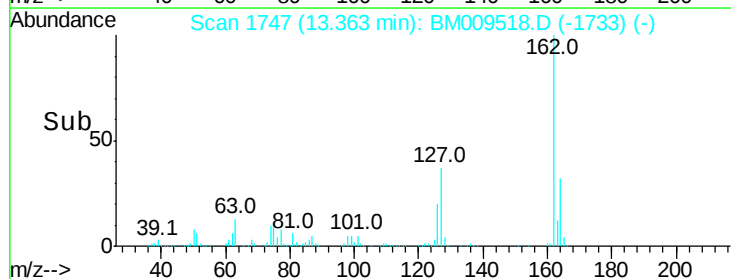
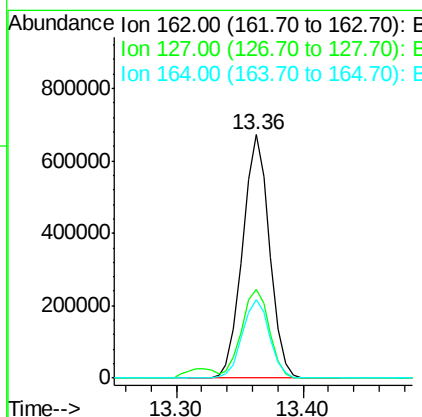
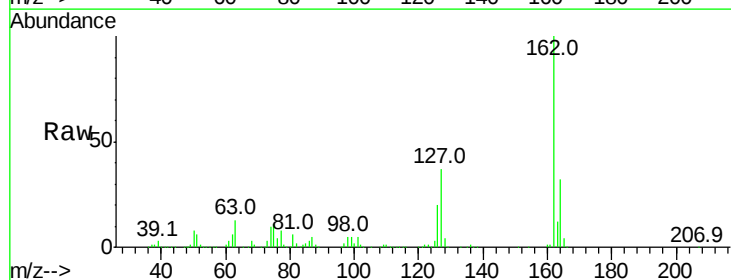
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	16.3	0.0	30.9

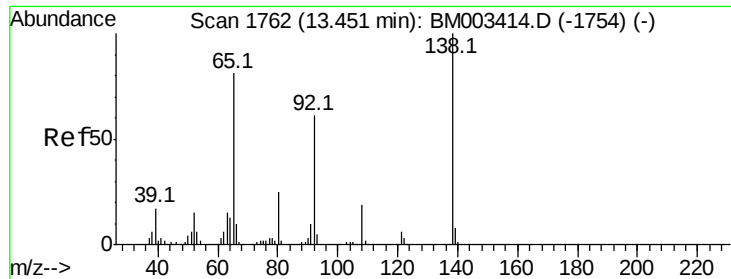


#46
 2-Chloronaphthalene
 Concen: 52.32 ng
 RT: 13.36 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion:162 Resp: 986161

Ion	Ratio	Lower	Upper
162	100		
127	36.5	26.9	40.3
164	32.5	26.8	40.2





#47

2-Nitroaniline

Concen: 57.69 ng

RT: 13.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

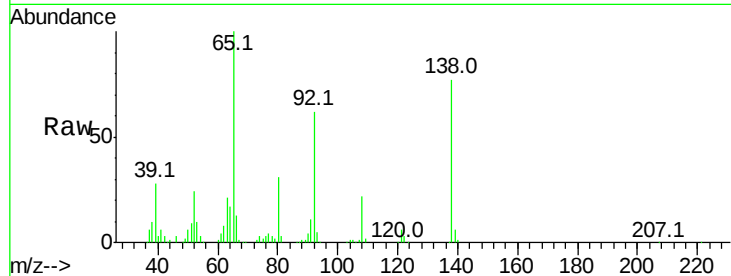
Tot Ion: 65 Resp: 400679

Ion Ratio Lower Upper

65 100

92 62.1 59.1 88.7

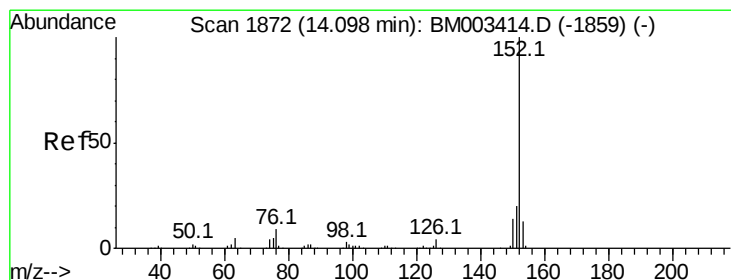
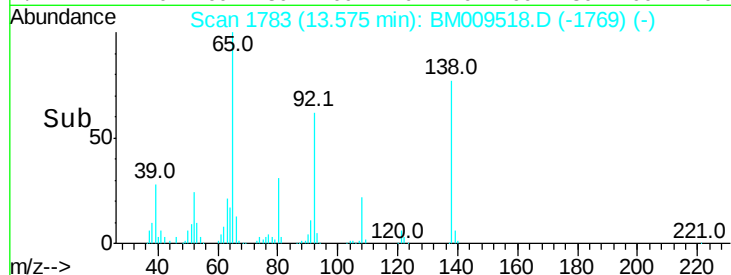
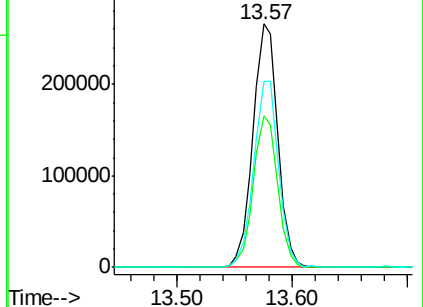
138 76.6 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM009518.D (-1769) (-)

Ion 92.00 (91.70 to 92.70): BM009518.D (-1769) (-)

Ion 138.00 (137.70 to 138.70): BM009518.D (-1769) (-)



#48

Acenaphthylene

Concen: 51.74 ng

RT: 14.21 min Scan# 1891

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

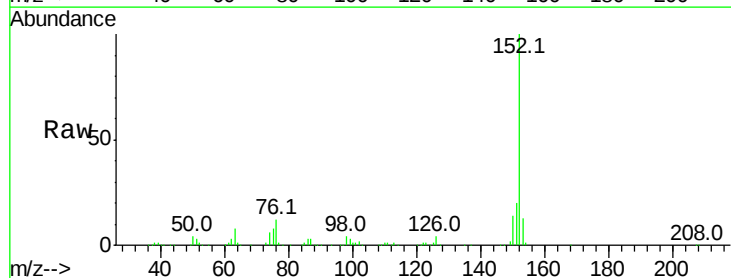
Tgt Ion: 152 Resp: 1588650

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

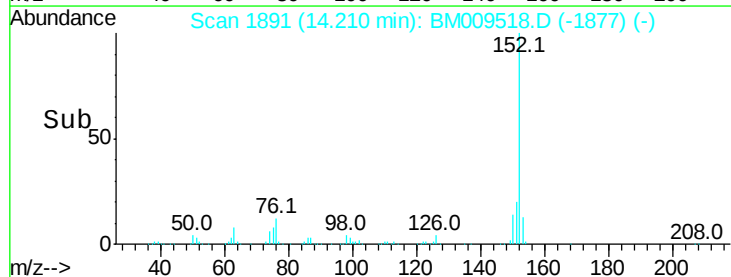
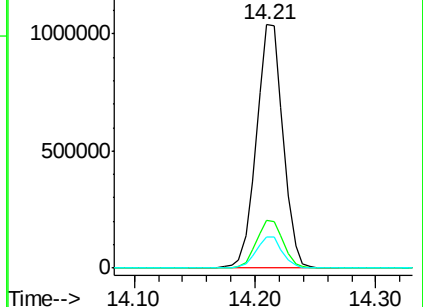
153 12.9 10.6 16.0

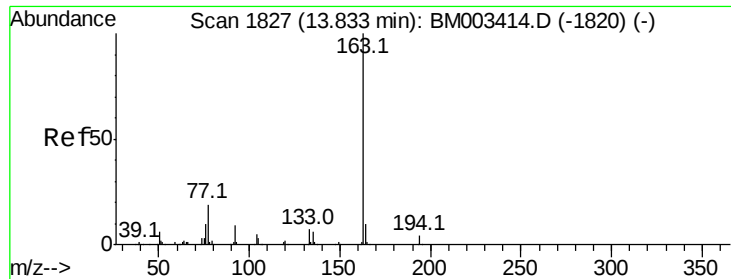


Abundance Ion 152.00 (151.70 to 152.70): BM009518.D (-1877) (-)

Ion 151.00 (150.70 to 151.70): BM009518.D (-1877) (-)

Ion 153.00 (152.70 to 153.70): BM009518.D (-1877) (-)





#49

Dimethylphthalate

Concen: 64.58 ng

RT: 13.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

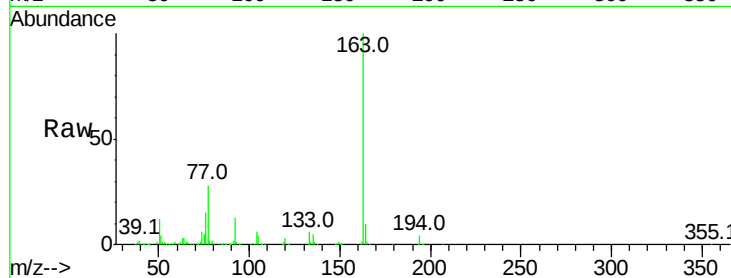
Tot Ion:163 Resp: 1445912

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

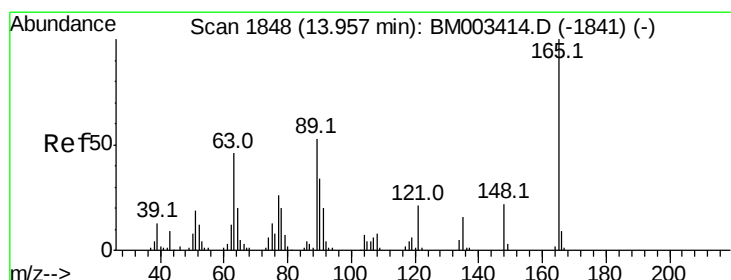
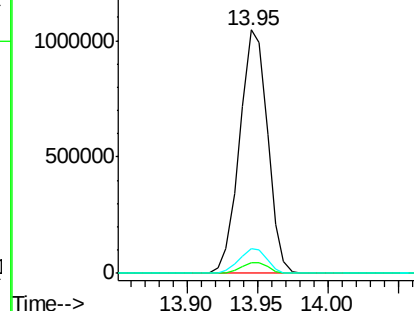
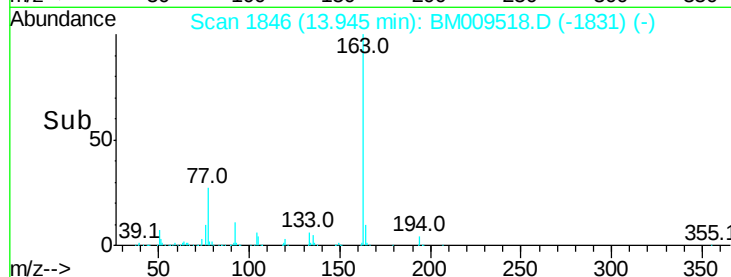
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 56.58 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

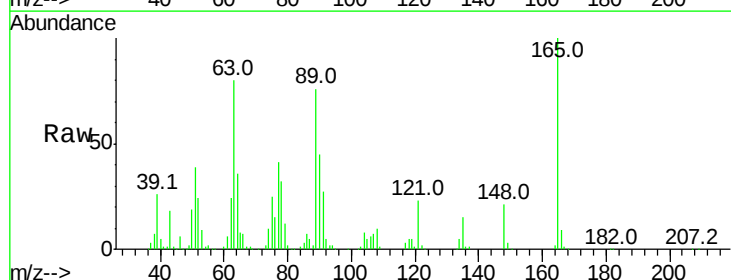
Tgt Ion:165 Resp: 272960

Ion Ratio Lower Upper

165 100

63 79.9 44.1 66.1#

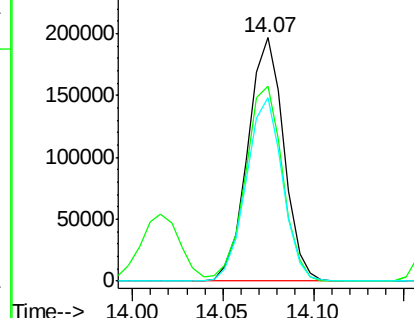
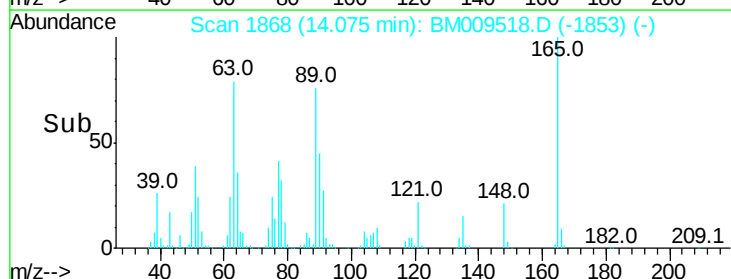
89 75.5 44.3 66.5#

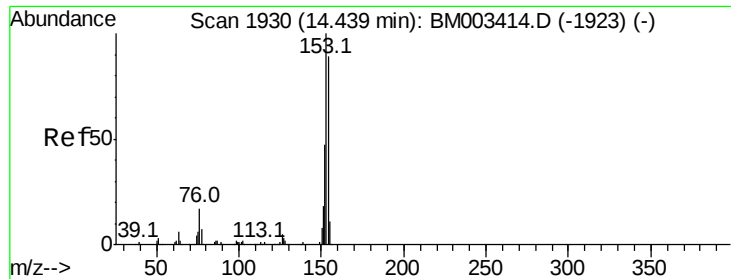


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 51.88 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

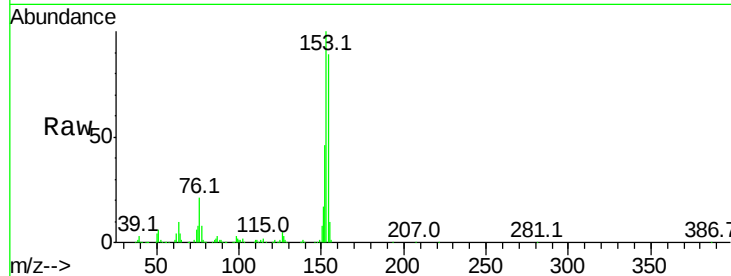
Tot Ion:154 Resp: 961102

Ion Ratio Lower Upper

154 100

153 112.6 90.0 135.0

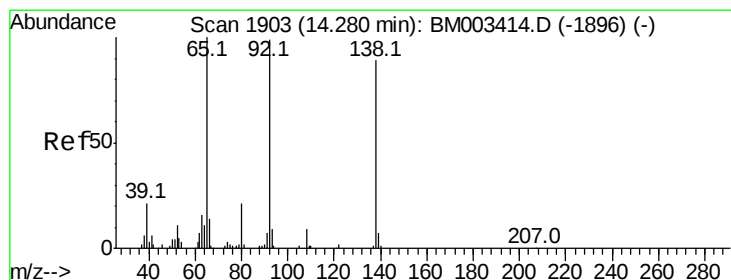
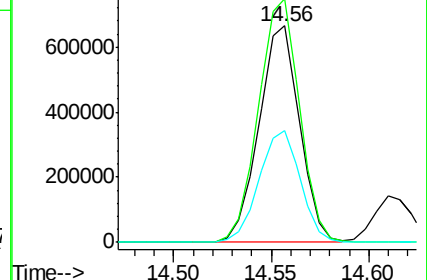
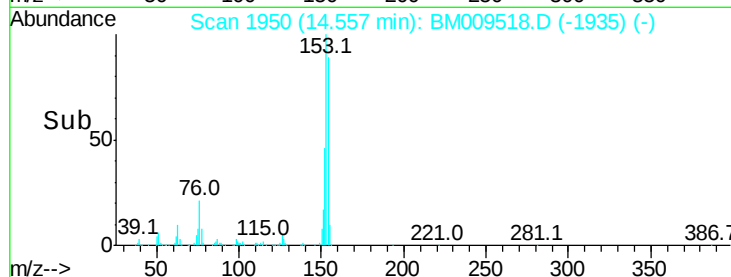
152 51.9 42.6 63.8



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: 48.08 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

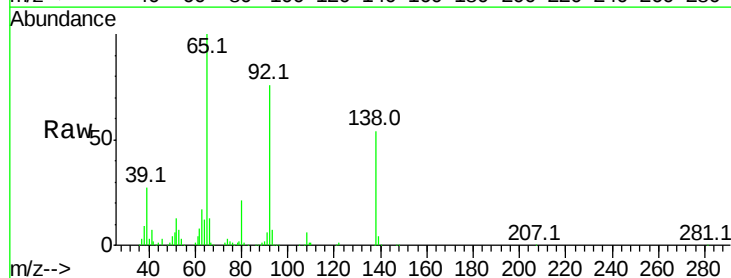
Tgt Ion:138 Resp: 228548

Ion Ratio Lower Upper

138 100

108 11.6 7.3 10.9#

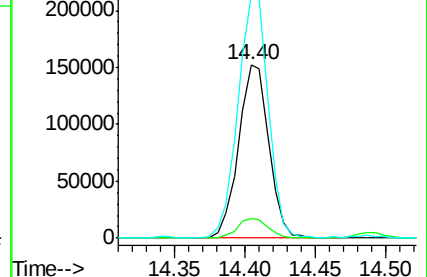
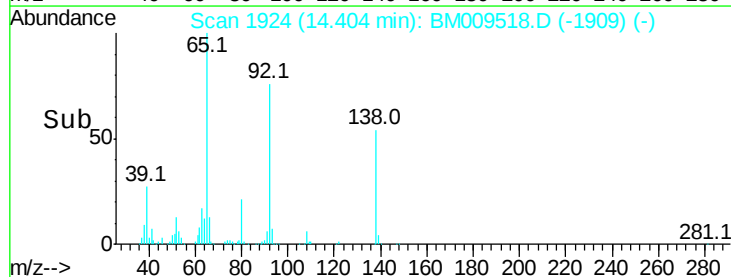
92 140.3 76.6 114.8#

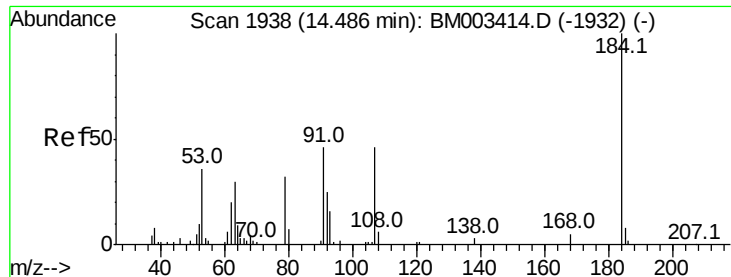


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

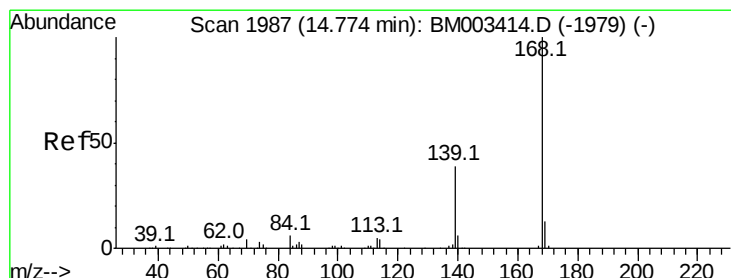
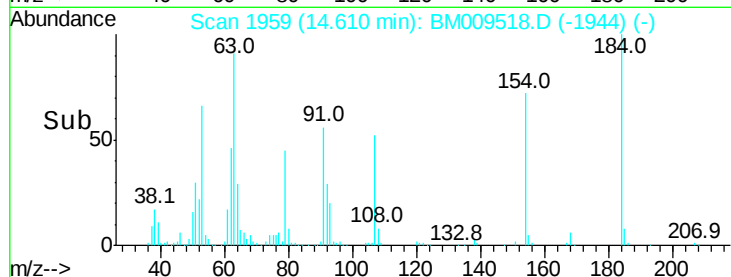
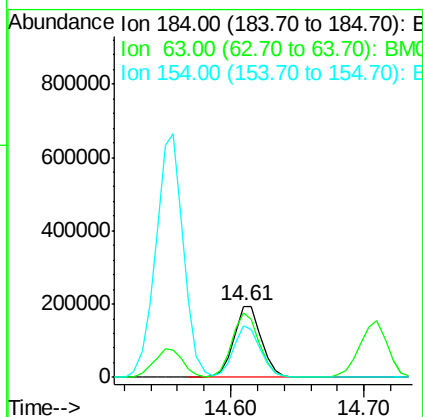
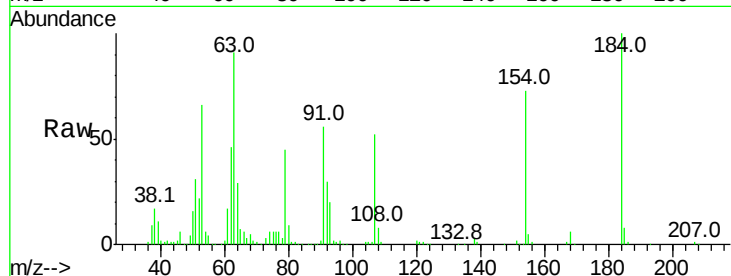




#53
2,4-Dinitrophenol
Concen: 85.35 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

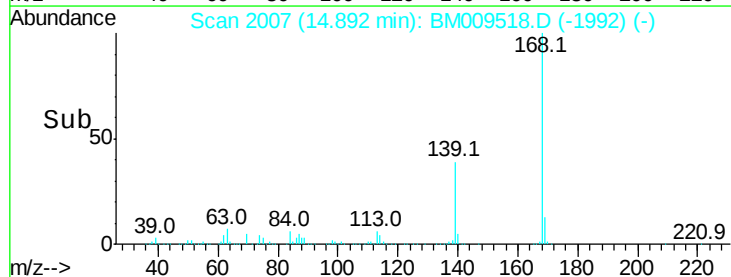
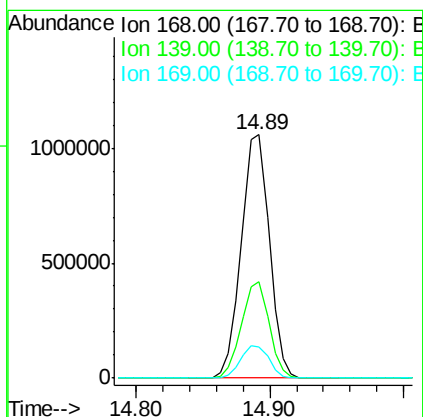
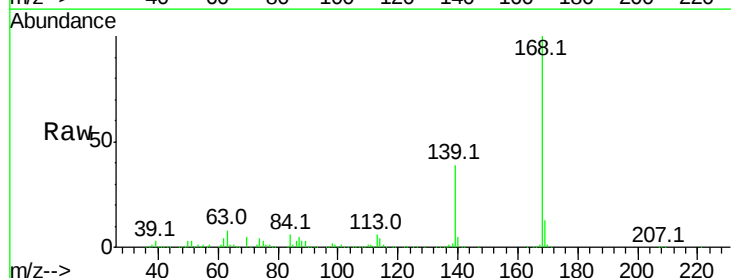
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

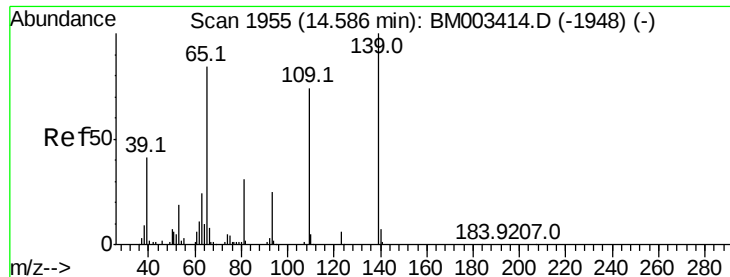
Tot Ion:184 Resp: 279009
Ion Ratio Lower Upper
184 100
63 91.4 69.2 103.8
154 73.2 53.3 79.9



#54
Dibenzofuran
Concen: 56.12 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion:168 Resp: 1537447
Ion Ratio Lower Upper
168 100
139 39.4 27.3 40.9
169 13.0 10.6 16.0





#55

4-Nitrophenol

Concen: 119.57 ng

RT: 14.71 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

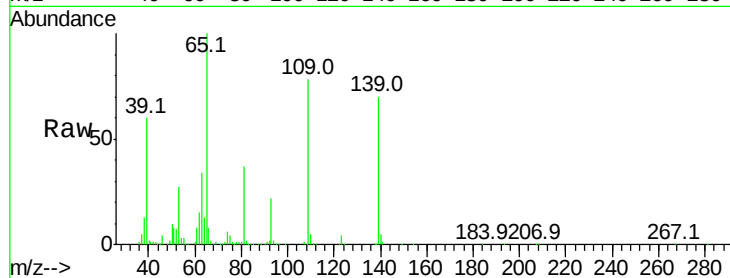
Tot Ion:139 Resp: 469779

Ion Ratio Lower Upper

139 100

109 111.2 37.7 77.7#

65 142.0 49.9 89.9#



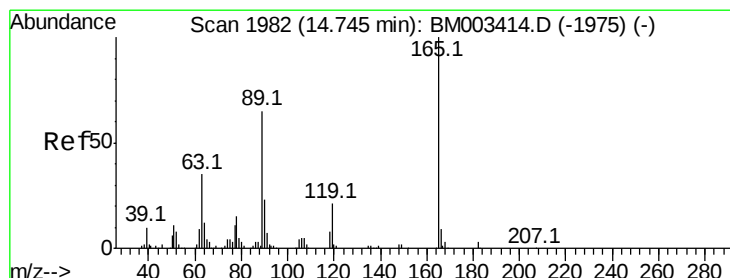
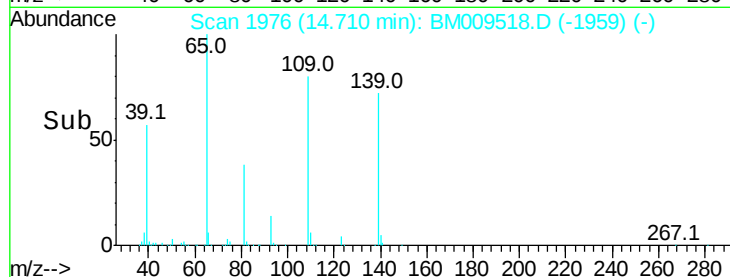
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

14.71

Time-->



#56

2,4-Dinitrotoluene

Concen: 60.18 ng

RT: 14.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Tgt Ion:165 Resp: 392790

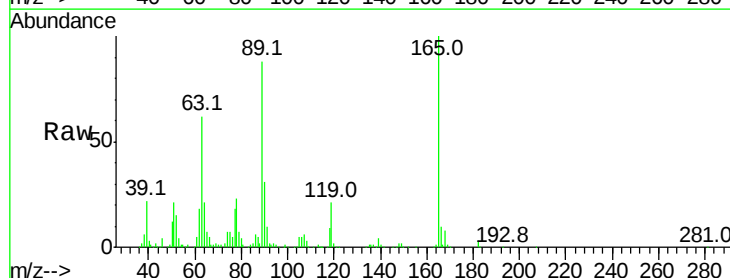
Ion Ratio Lower Upper

165 100

63 61.7 52.4 78.6

89 87.8 72.4 108.6

182 3.4 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E

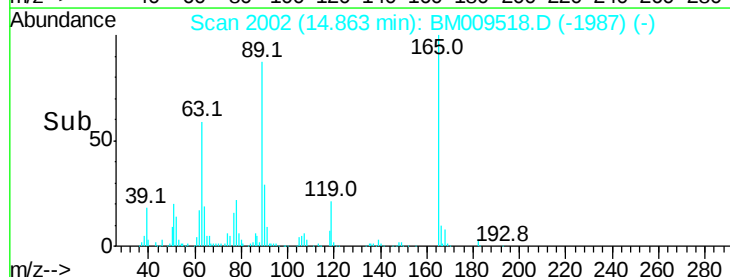
Ion 63.00 (62.70 to 63.70): BM

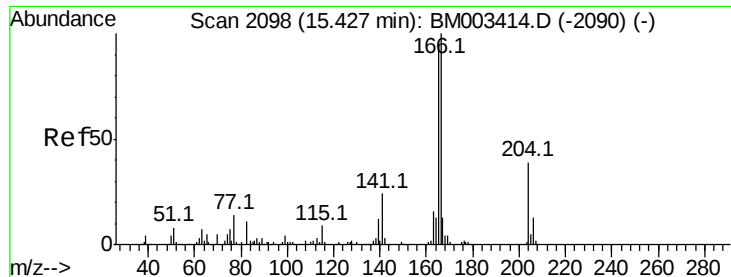
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E

14.86

Time-->

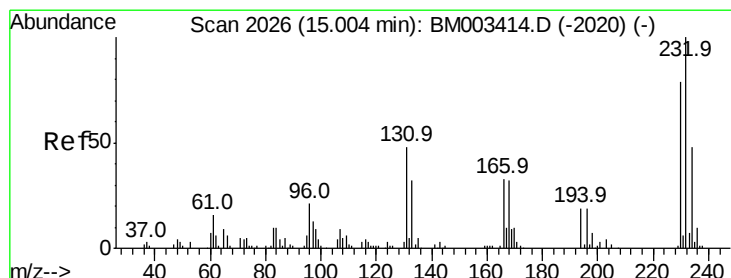
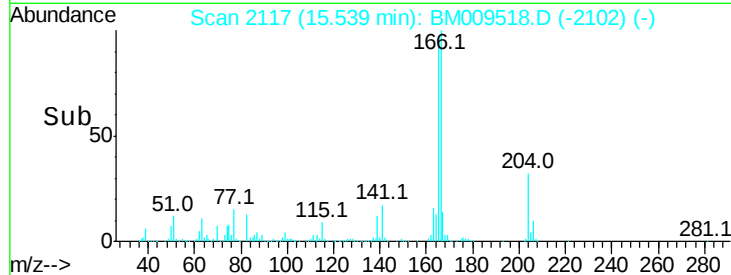
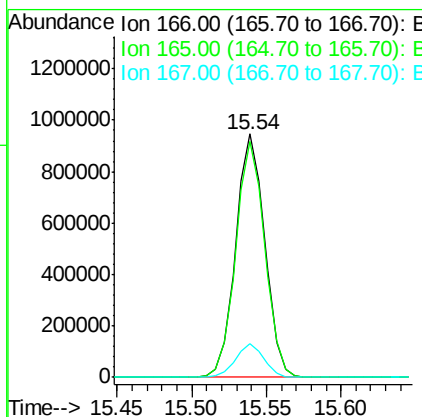
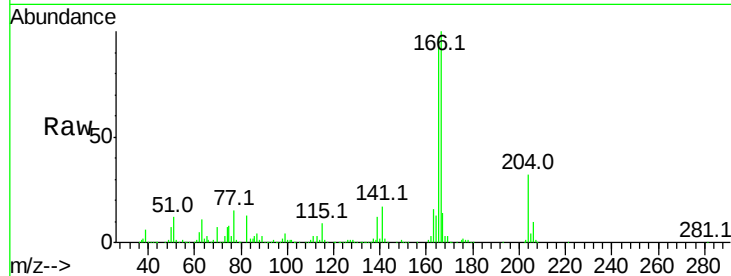




#57
 Fluorene
 Concen: 52.10 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

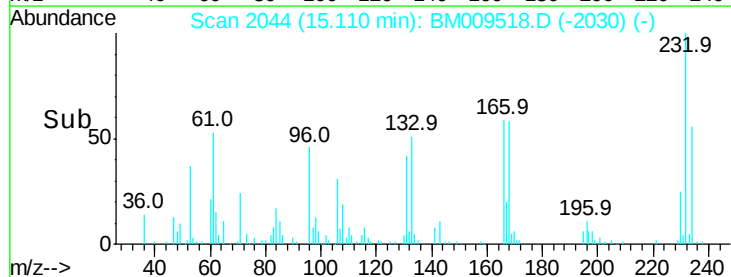
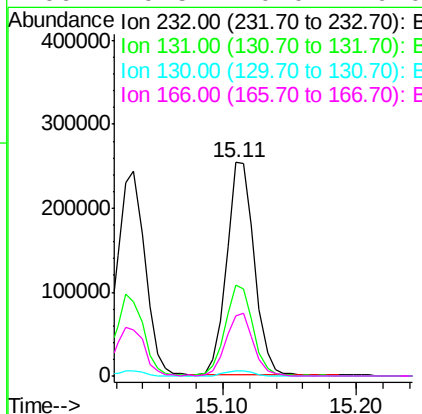
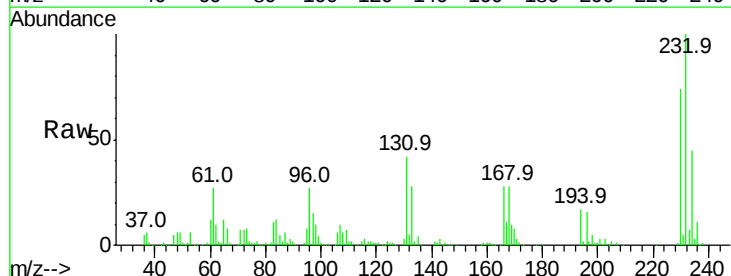
Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

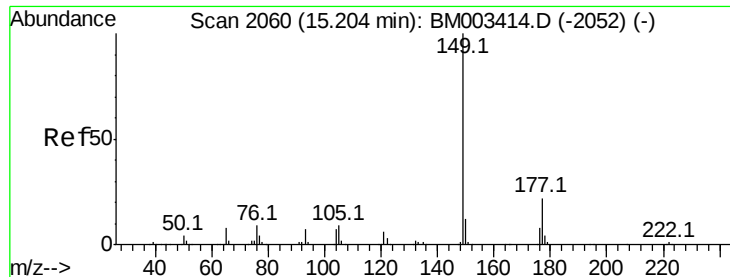
Tot Ion:166 Resp: 1282824
 Ion Ratio Lower Upper
 166 100
 165 96.9 79.0 118.4
 167 13.8 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 61.98 ng
 RT: 15.11 min Scan# 2044
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion:232 Resp: 368207
 Ion Ratio Lower Upper
 232 100
 131 43.3 0.0 0.0#
 130 2.4 0.0 0.0#
 166 29.5 0.0 0.0#





#59

Diethylphthalate

Concen: 56.55 ng

RT: 15.31 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

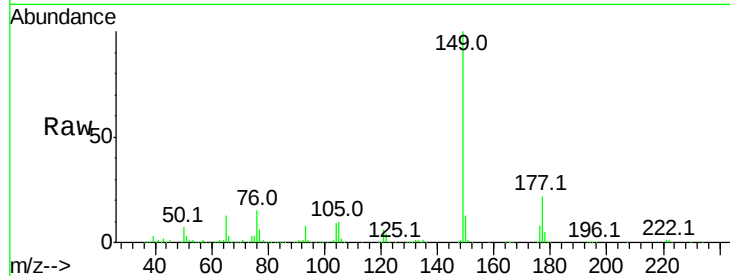
Tot Ion:149 Resp: 1284393

Ion Ratio Lower Upper

149 100

177 22.4 18.3 27.5

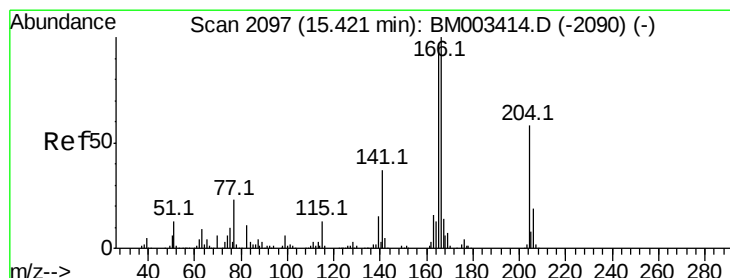
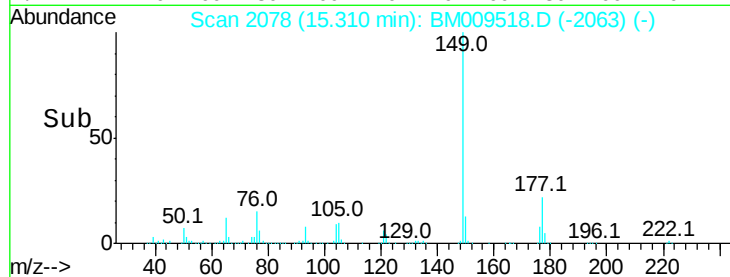
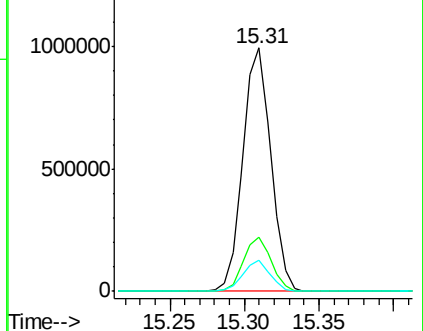
150 12.7 9.8 14.8



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: 51.26 ng

RT: 15.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

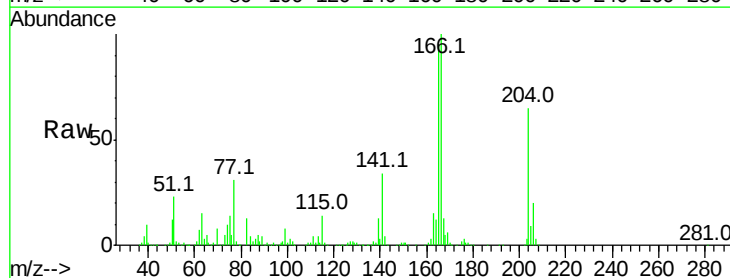
Tgt Ion:204 Resp: 659132

Ion Ratio Lower Upper

204 100

206 30.6 26.6 39.8

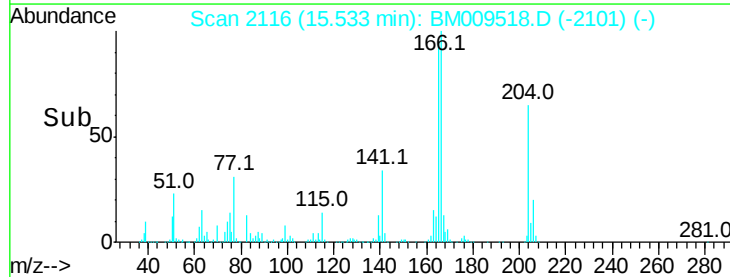
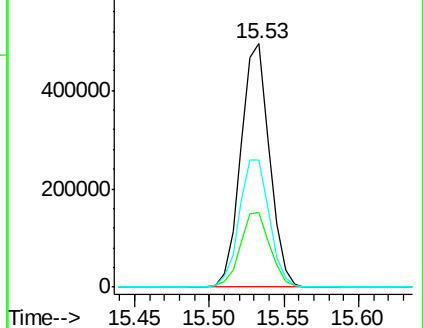
141 52.4 45.2 67.8

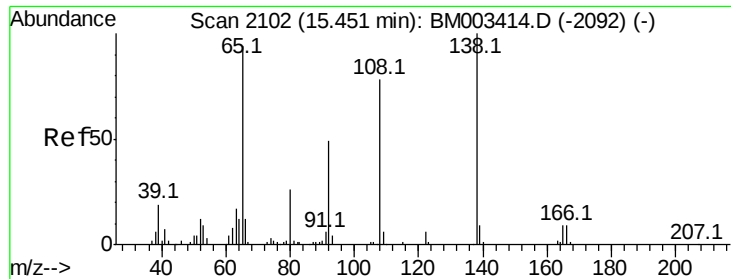


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

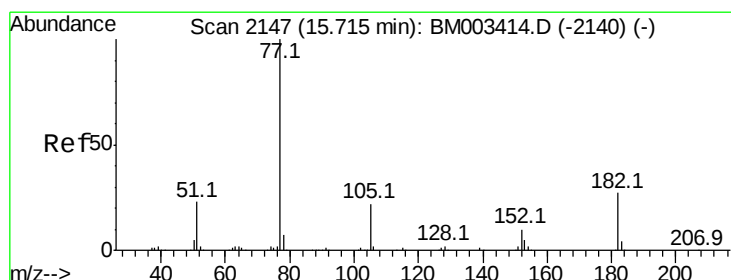
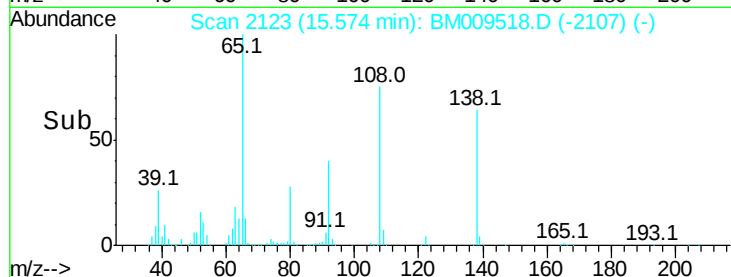
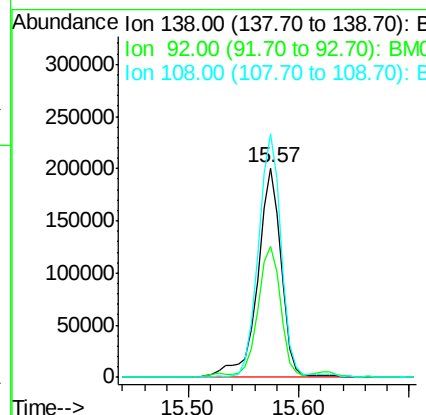
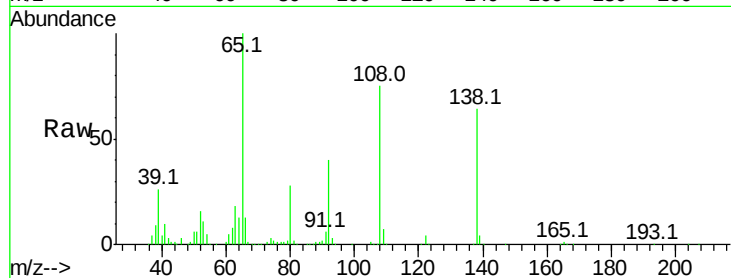




#61
 4-Nitroaniline
 Concen: 58.62 ng
 RT: 15.57 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

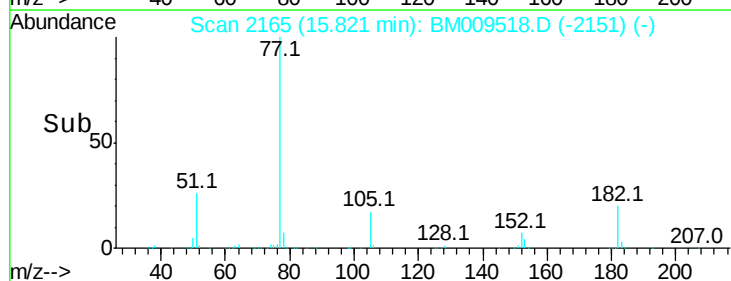
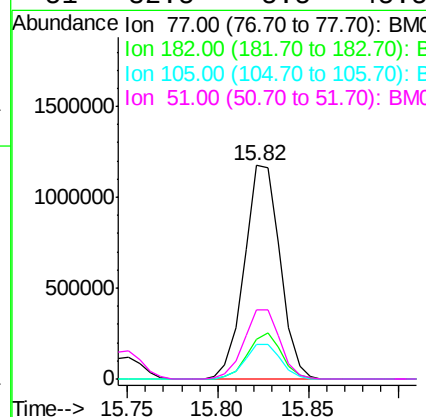
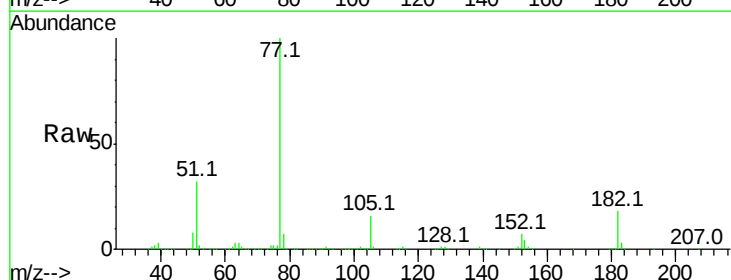
Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

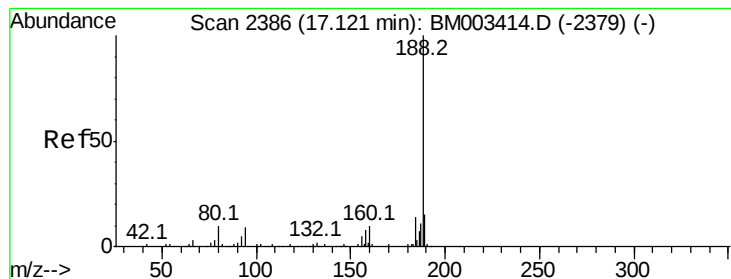
Tot Ion:138 Resp: 302667
 Ion Ratio Lower Upper
 138 100
 92 62.7 16.7 56.7#
 108 116.3 37.6 77.6#



#62
 Azobenzene
 Concen: 60.48 ng
 RT: 15.82 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion: 77 Resp: 1603667
 Ion Ratio Lower Upper
 77 100
 182 18.5 6.5 46.5
 105 16.1 3.8 43.8
 51 32.5 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

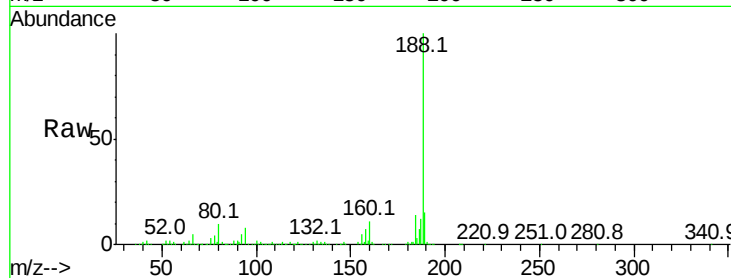
Tot Ion:188 Resp: 707786

Ion Ratio Lower Upper

188 100

94 8.3 8.7 13.1#

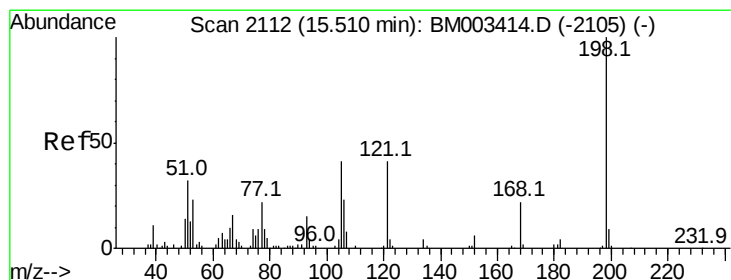
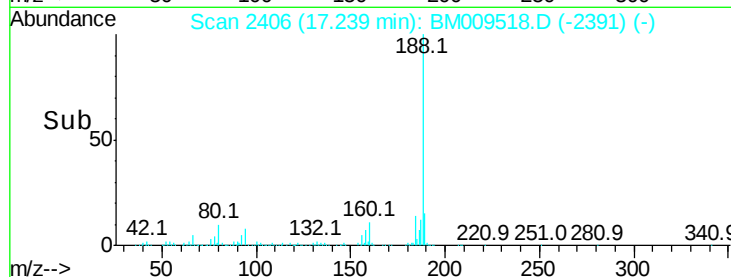
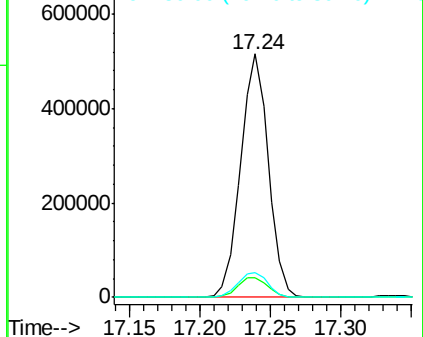
80 10.1 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 51.24 ng

RT: 15.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

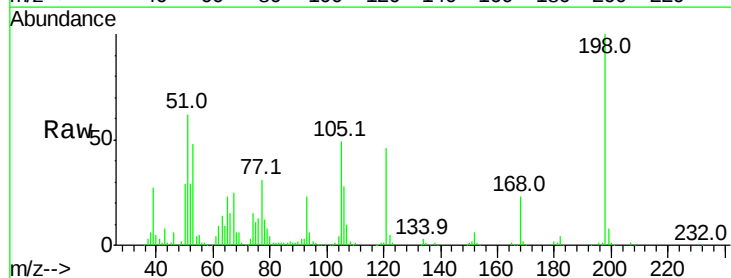
Tgt Ion:198 Resp: 228488

Ion Ratio Lower Upper

198 100

51 61.7 28.8 68.8

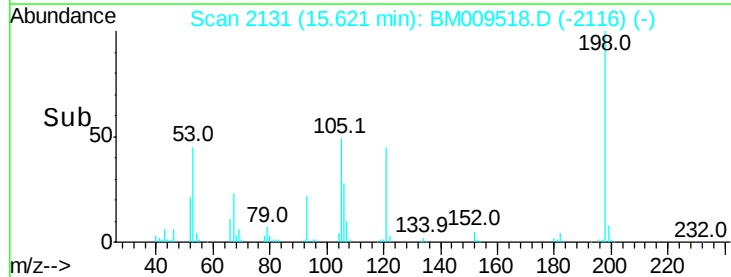
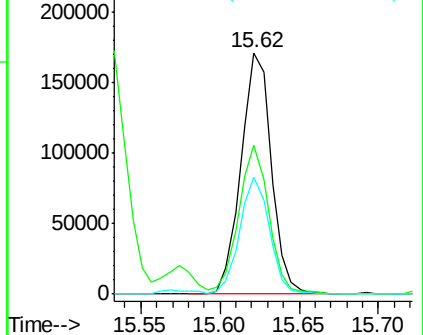
105 48.6 30.5 70.5

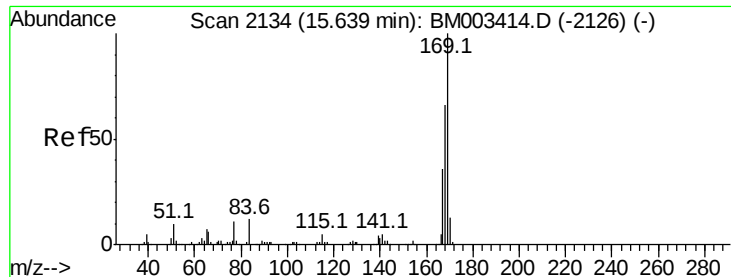


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

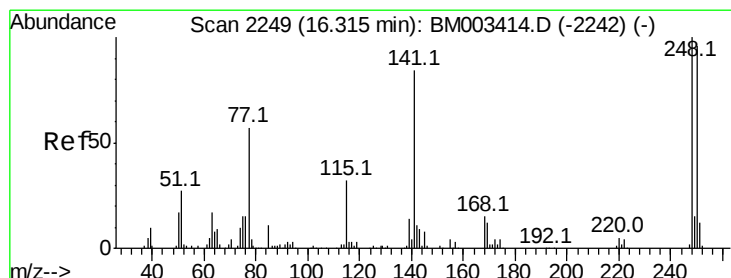
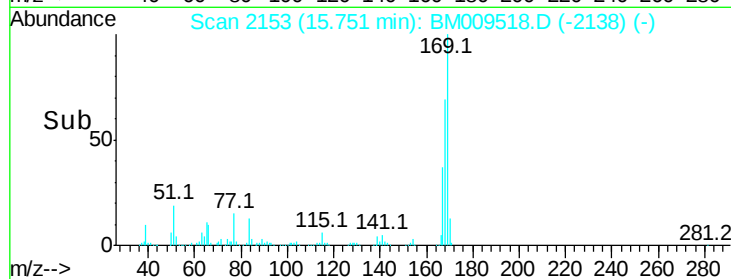
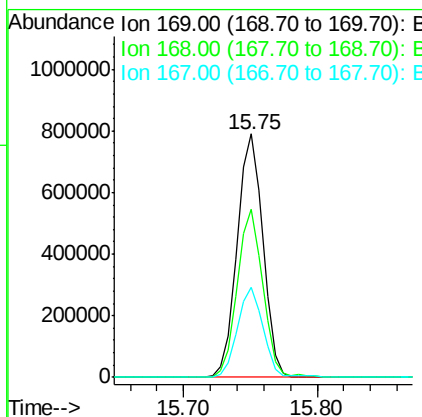
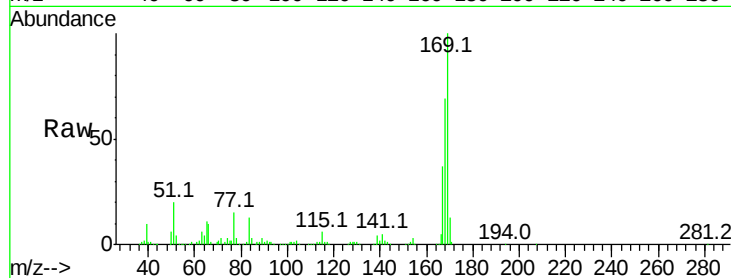




#65
n-Nitrosodiphenylamine
Concen: 49.12 ng
RT: 15.75 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

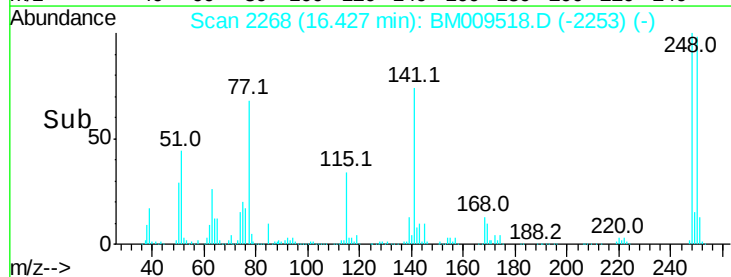
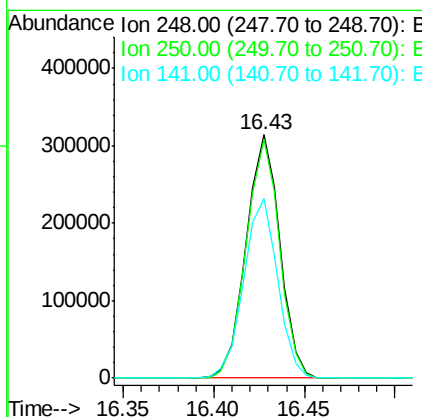
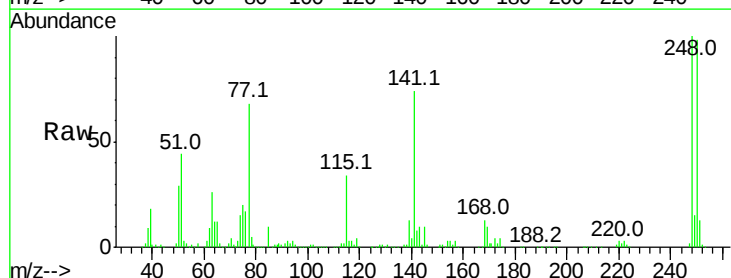
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

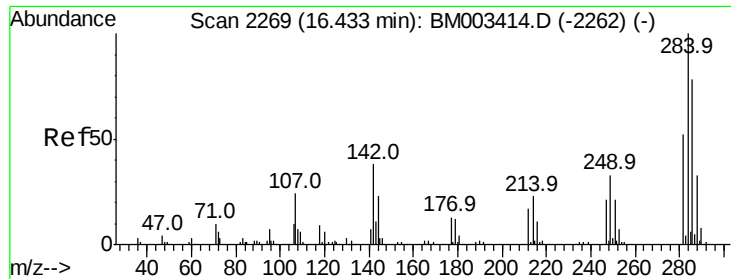
Tot Ion:169 Resp: 1056014
Ion Ratio Lower Upper
169 100
168 69.0 53.9 80.9
167 36.9 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 49.69 ng
RT: 16.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion:248 Resp: 407528
Ion Ratio Lower Upper
248 100
250 98.1 77.4 116.0
141 73.9 45.2 67.8#





#67

Hexachlorobenzene

Concen: 48.87 ng

RT: 16.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

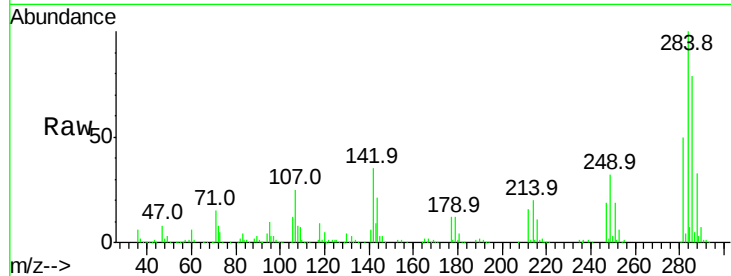
Tot Ion:284 Resp: 439274

Ion Ratio Lower Upper

284 100

142 34.6 20.4 30.6#

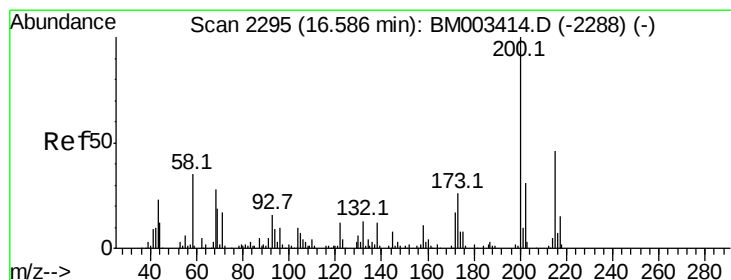
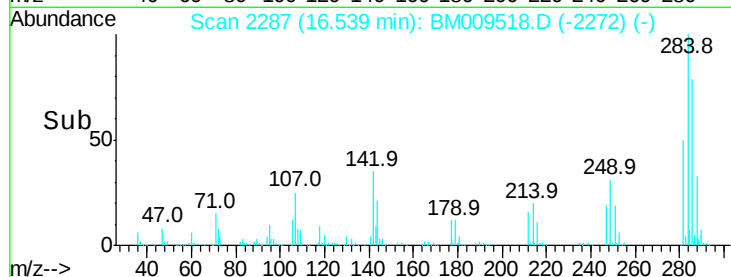
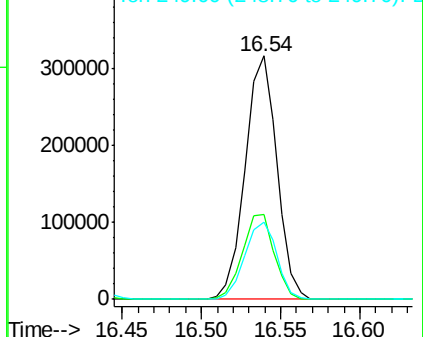
249 31.6 23.8 35.6



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: 50.26 ng

RT: 16.70 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

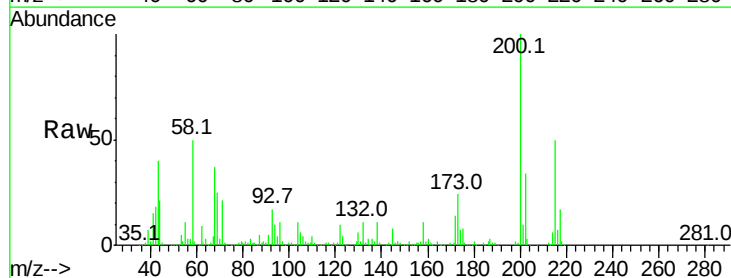
Tgt Ion:200 Resp: 406388

Ion Ratio Lower Upper

200 100

173 24.4 4.8 44.8

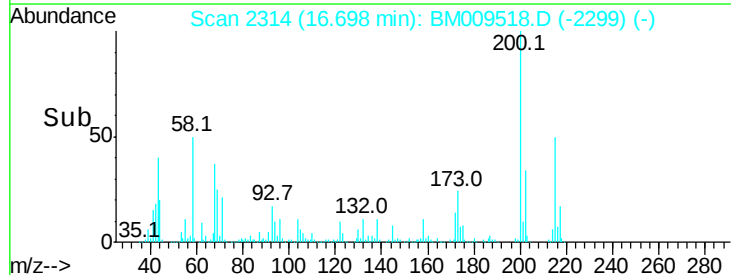
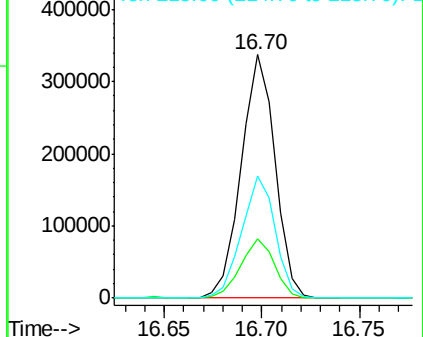
215 50.1 26.9 66.9

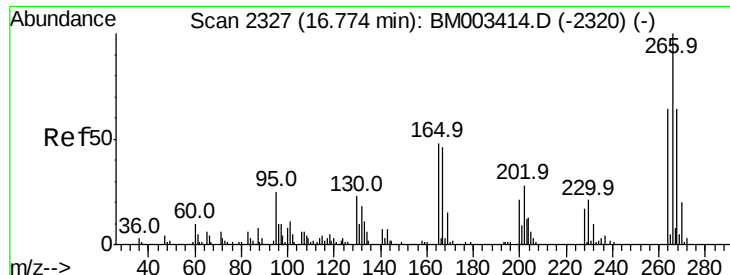


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

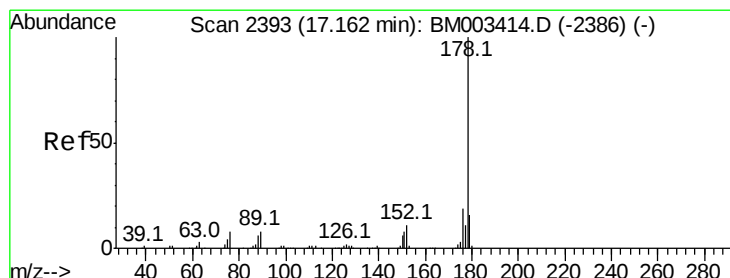
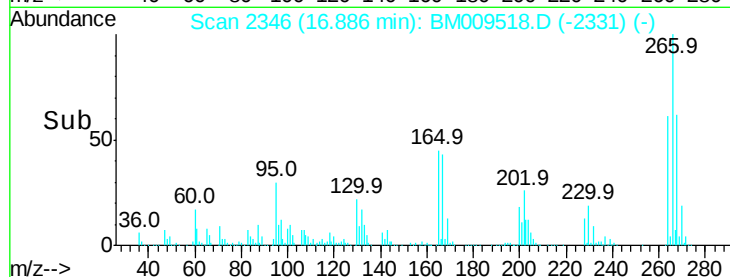
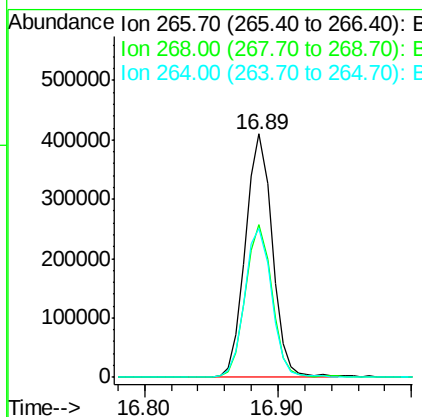
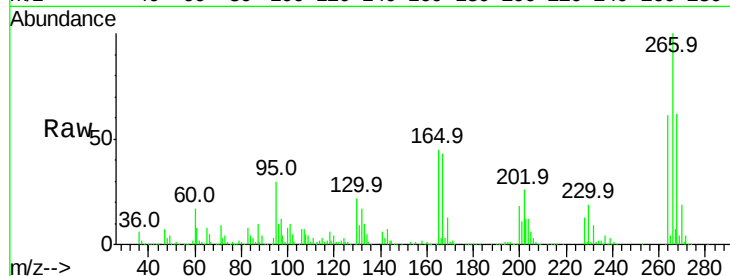




#69
 Pentachlorophenol
 Concen: 103.85 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

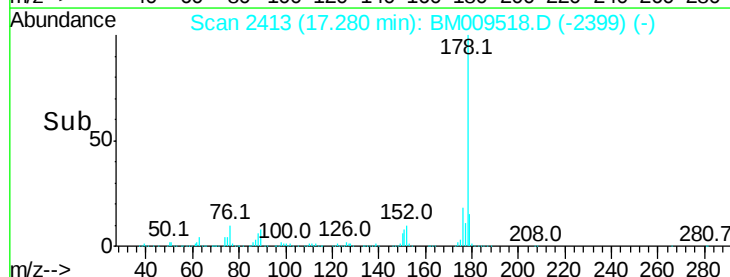
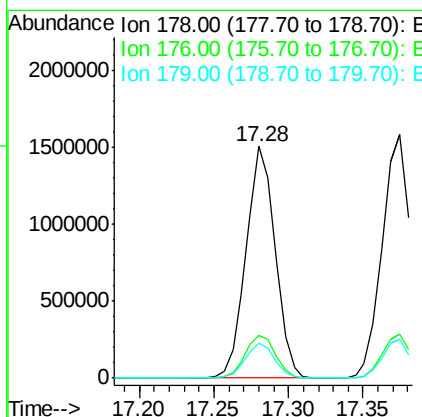
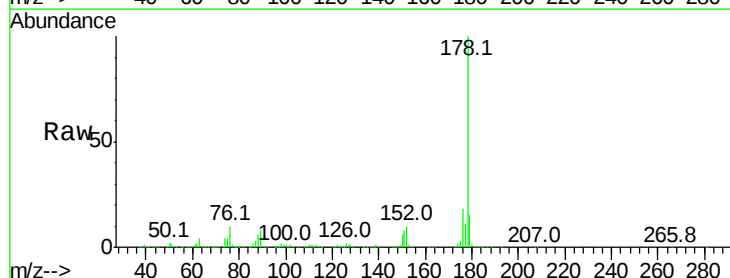
Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

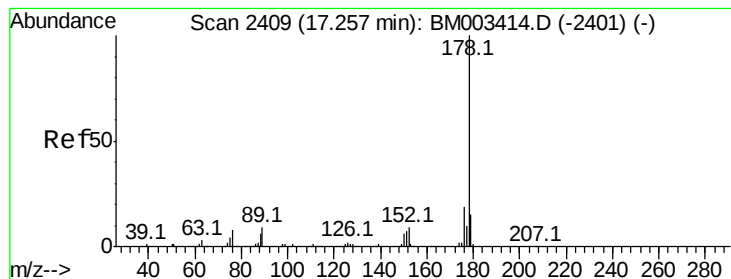
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	52.0	78.0
264	61.1	49.0	73.4



#70
 Phenanthrene
 Concen: 49.94 ng
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.2	22.8
179	15.2	12.1	18.1





#71

Anthracene

Concen: 51.49 ng

RT: 17.37 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

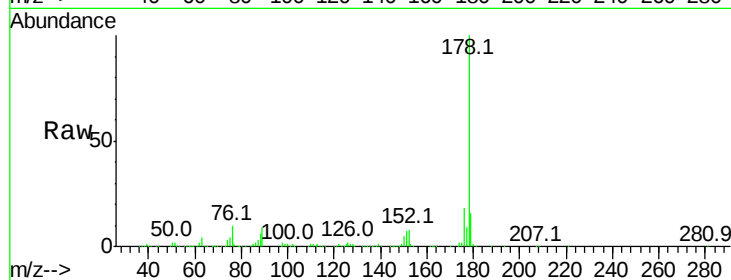
BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

Tot Ion:178 Resp: 2109762

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.8	12.6	19.0

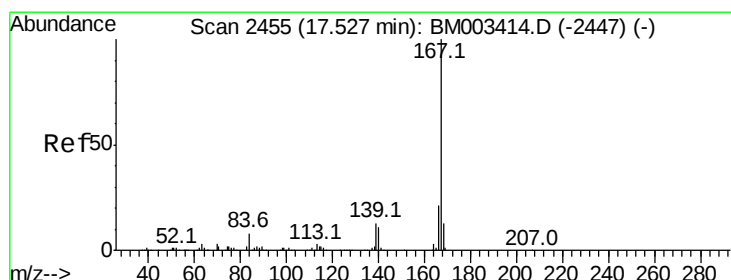
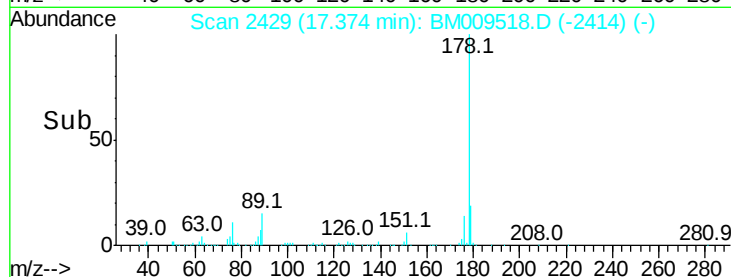
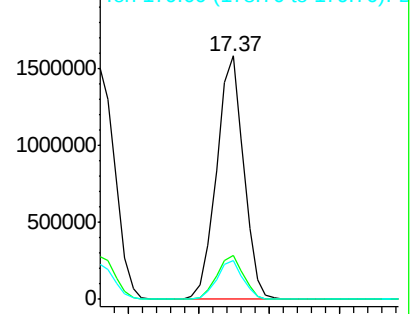


Abundance

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: 49.84 ng

RT: 17.64 min Scan# 2475

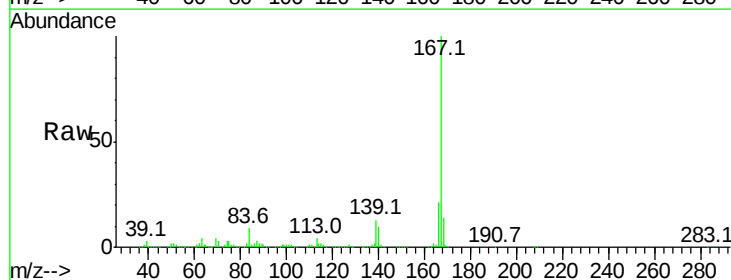
Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Tgt Ion:167 Resp: 1955721

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.2	25.8
139	12.9	10.8	16.2

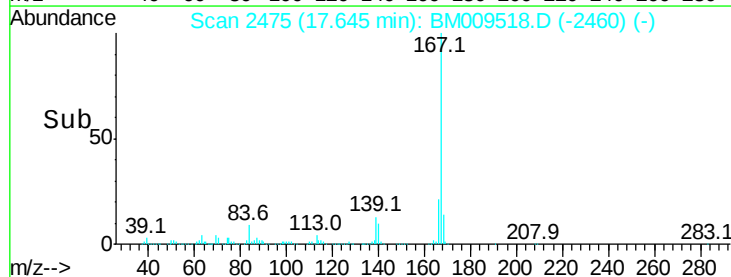
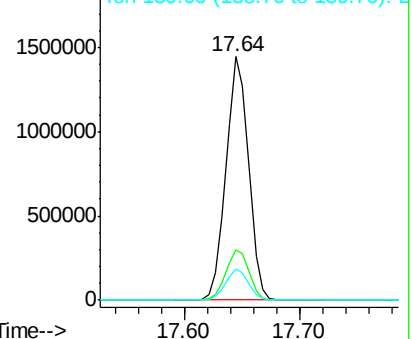


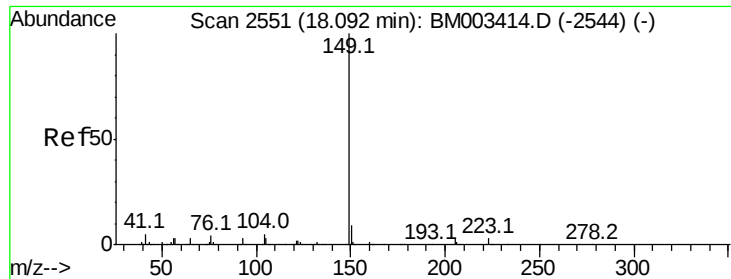
Abundance

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

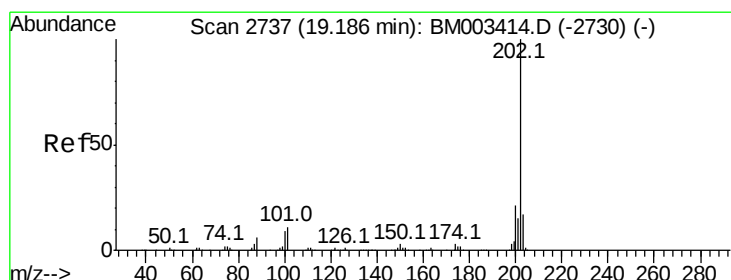
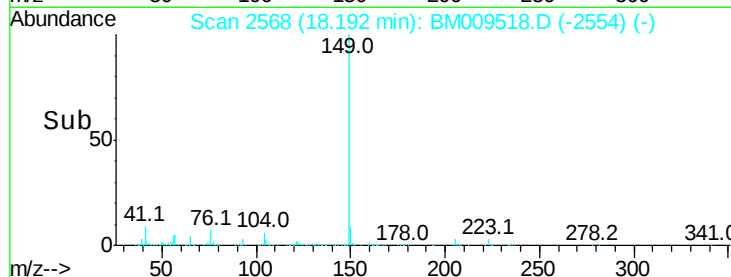
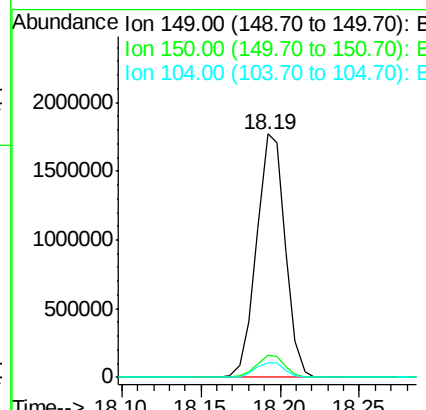
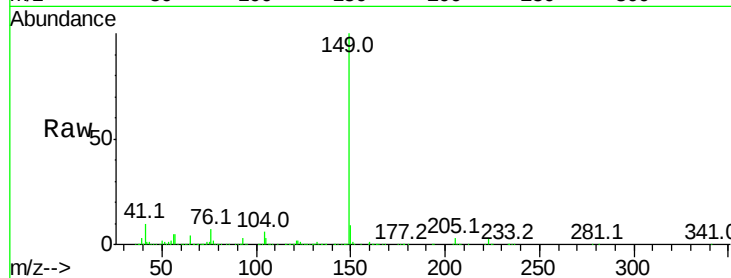




#73
Di-n-butylphthalate
Concen: 55.39 ng
RT: 18.19 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

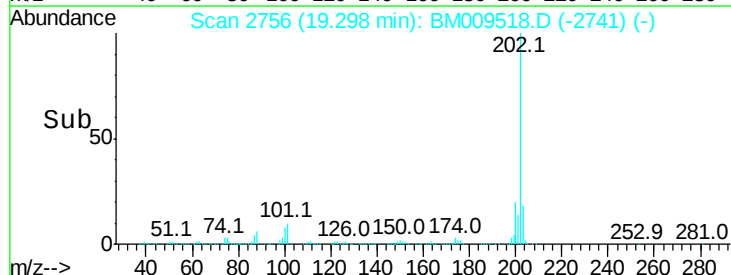
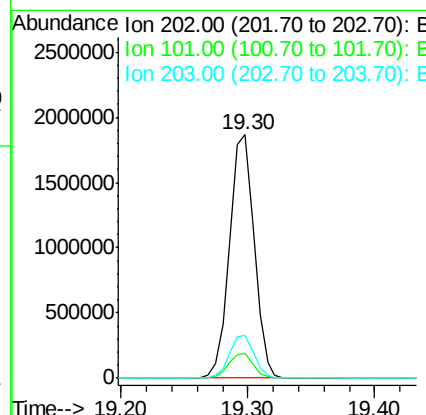
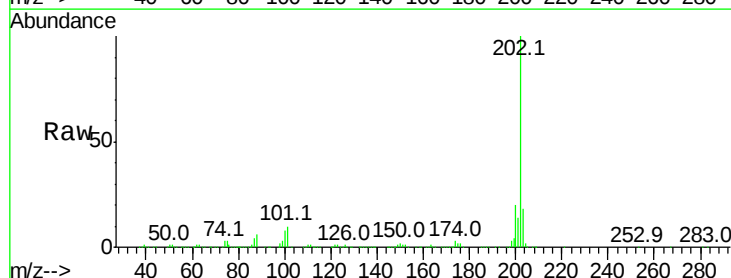
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

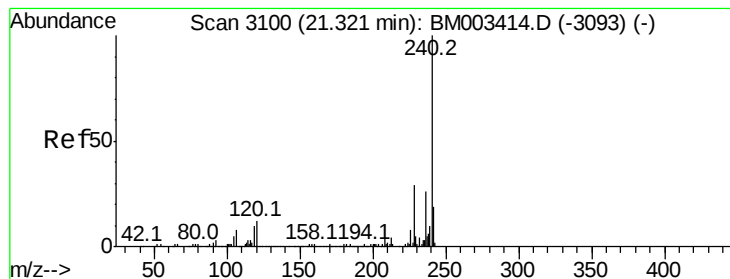
Tot Ion:149 Resp: 2220249
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 6.2 3.7 5.5#



#74
Fluoranthene
Concen: 52.13 ng
RT: 19.30 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion:202 Resp: 2499060
Ion Ratio Lower Upper
202 100
101 10.1 0.0 28.7
203 17.7 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

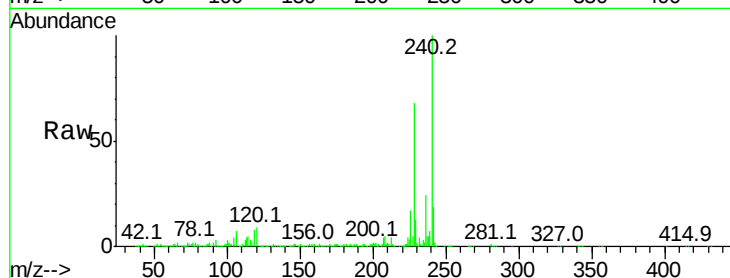
Tot Ion:240 Resp: 927915

Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.2

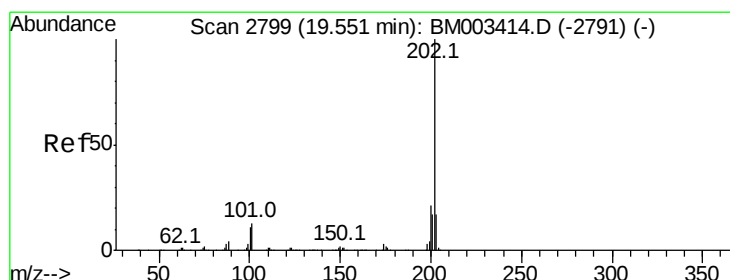
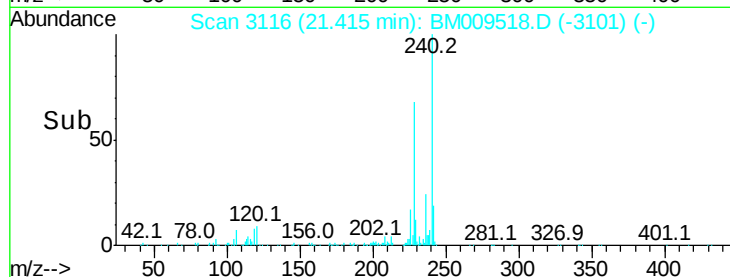
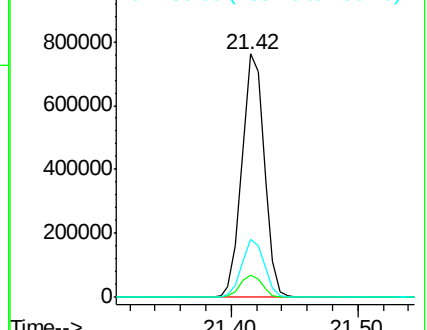
236 23.8 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 49.09 ng

RT: 19.66 min Scan# 2817

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

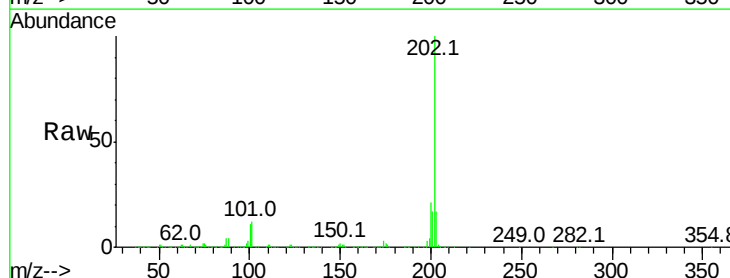
Tgt Ion:202 Resp: 2583472

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

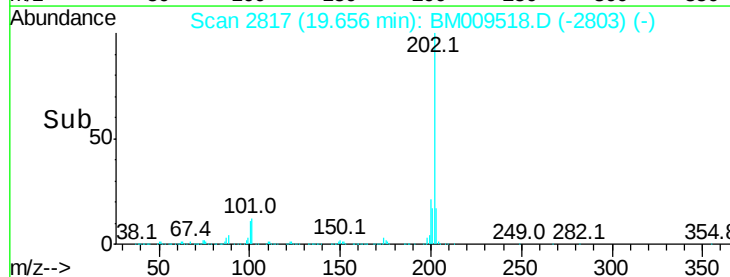
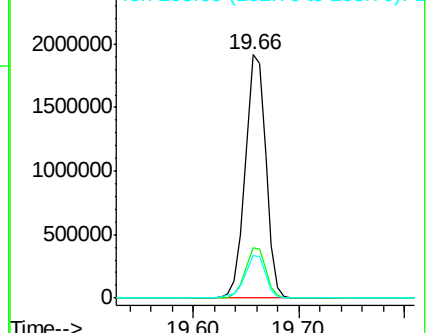
203 17.3 14.1 21.1

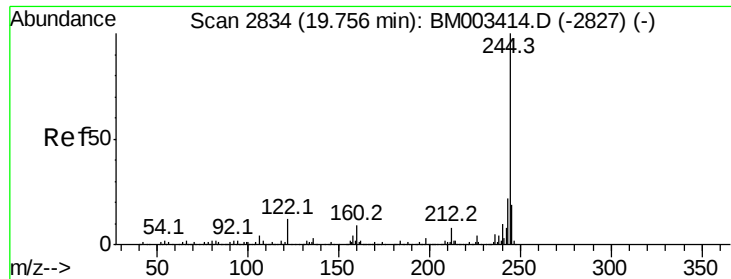


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.33 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

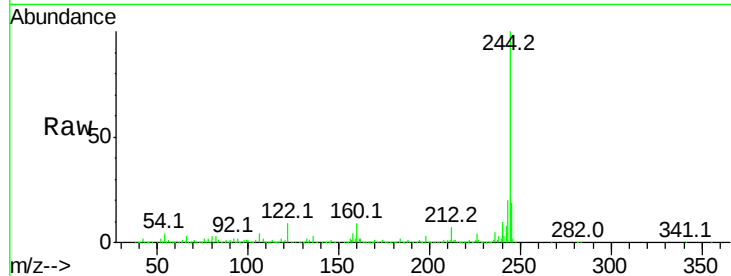
Tot Ion:244 Resp: 3611365

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

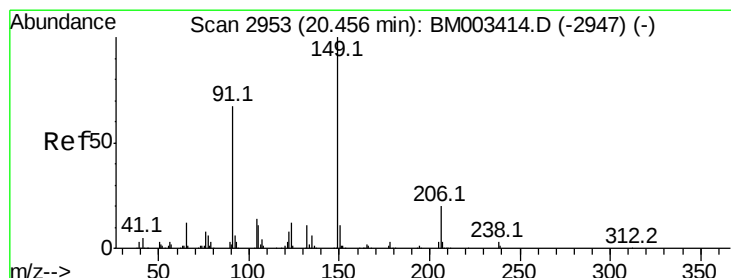
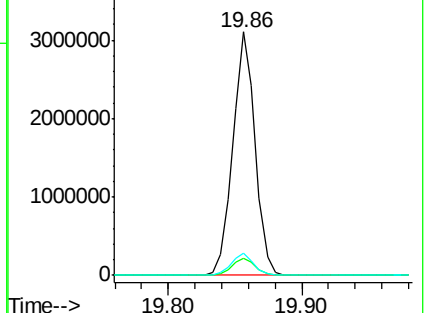
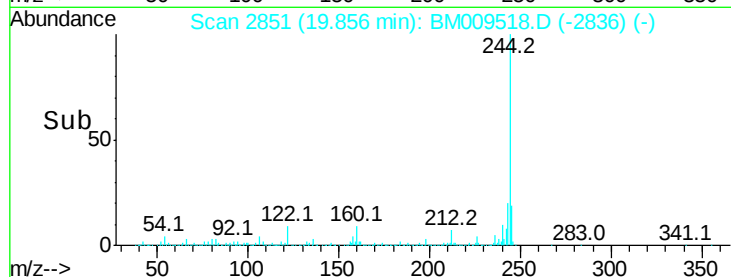
122 9.2 6.2 9.4



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: 56.44 ng

RT: 20.54 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

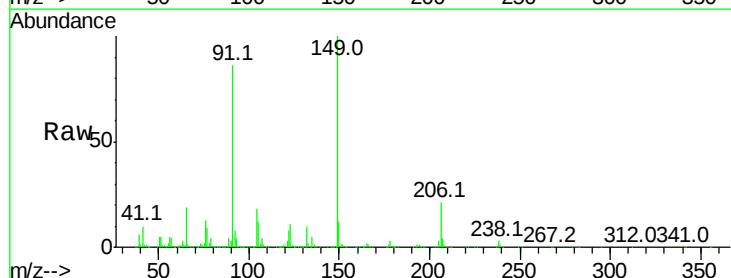
Tgt Ion:149 Resp: 1069653

Ion Ratio Lower Upper

149 100

91 85.9 50.1 75.1#

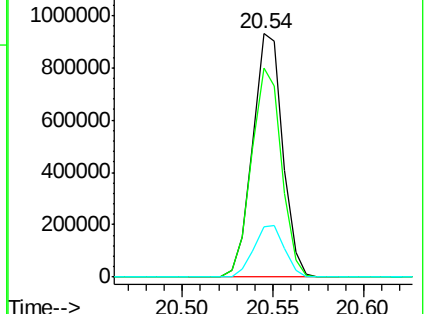
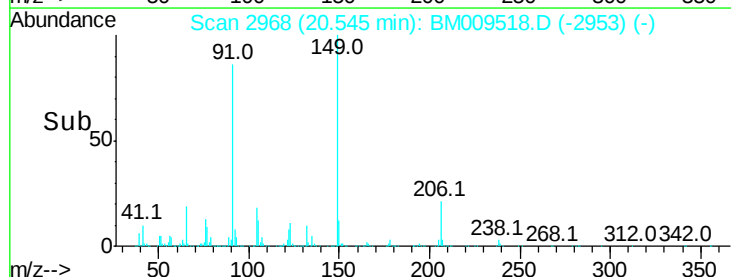
206 20.8 16.2 24.2

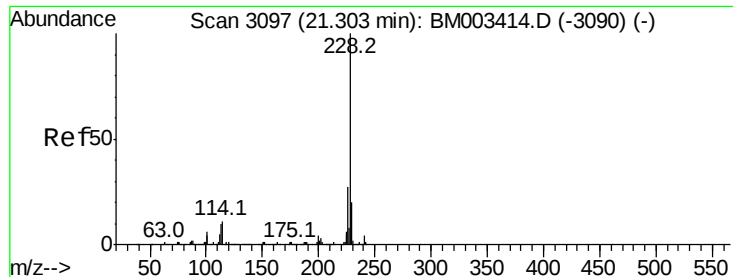


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 50.21 ng

RT: 21.40 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

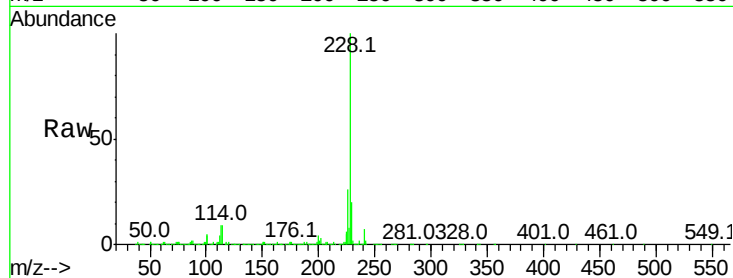
Tot Ion:228 Resp: 2721271

Ion Ratio Lower Upper

228 100

226 26.0 21.7 32.5

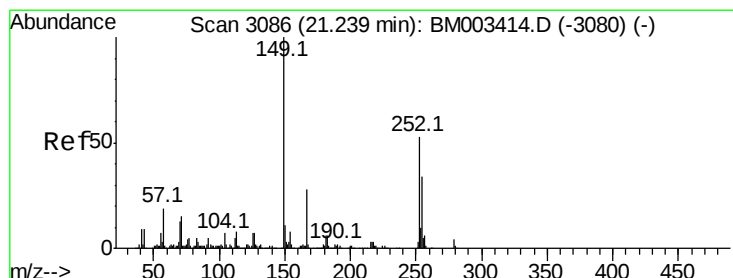
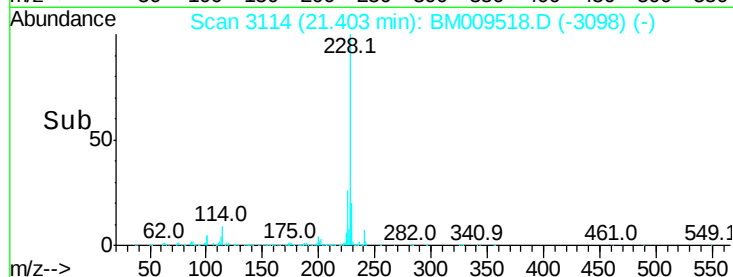
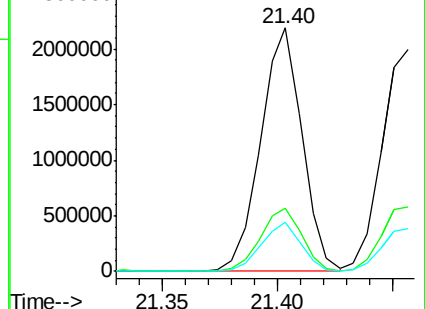
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 37.89 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

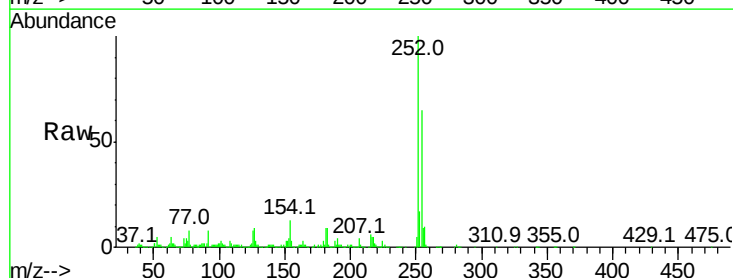
Tgt Ion:252 Resp: 768985

Ion Ratio Lower Upper

252 100

254 64.6 51.9 77.9

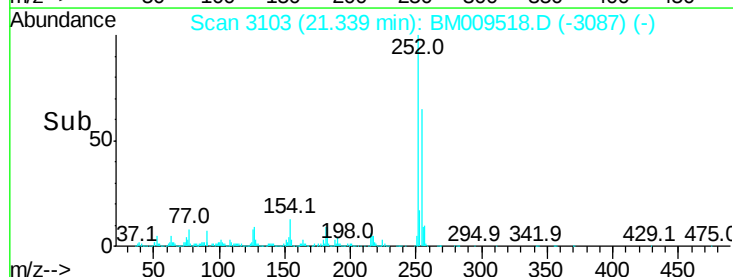
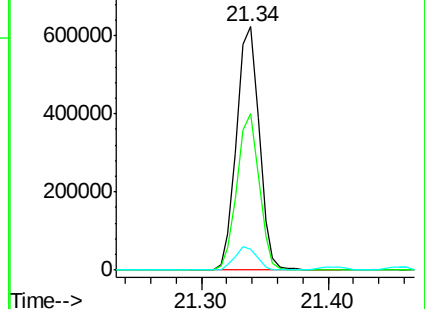
126 8.5 9.8 14.8#

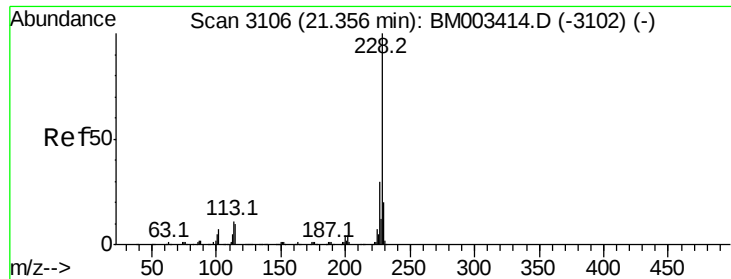


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



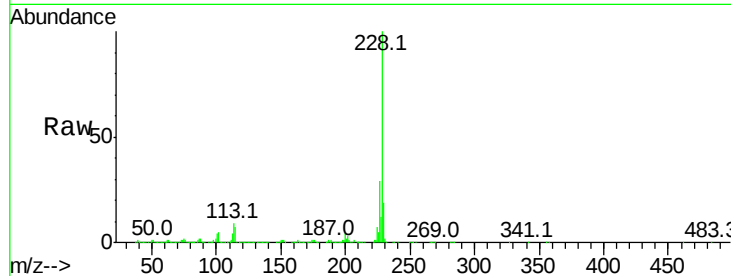


#82
 Chrysene
 Concen: 47.80 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

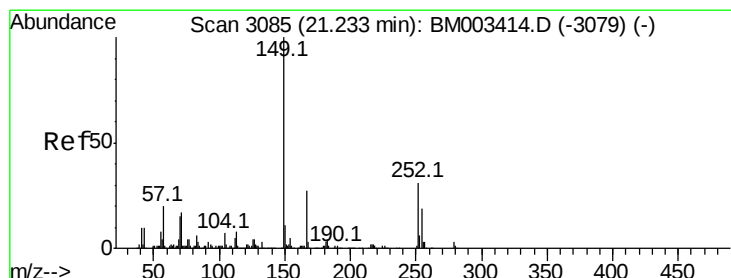
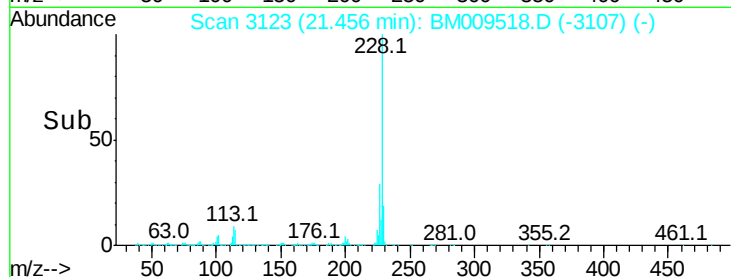
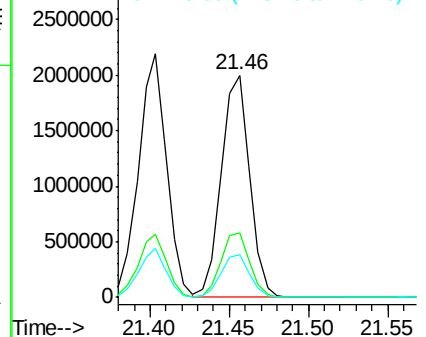
Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

Tot Ion:228 Resp: 2473327

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.1	36.1
229	19.0	15.5	23.3



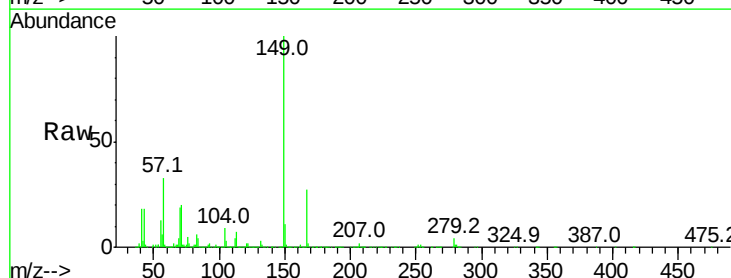
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



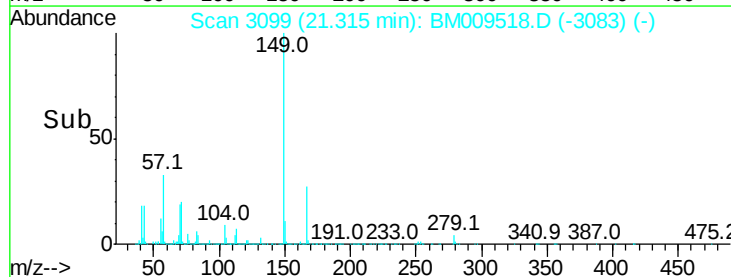
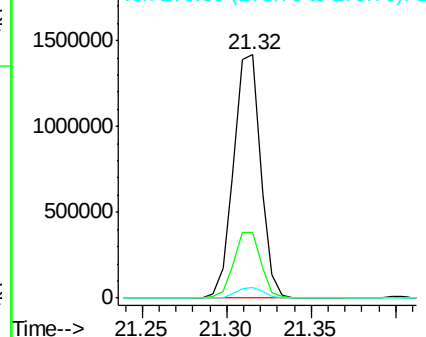
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.86 ng
 RT: 21.32 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

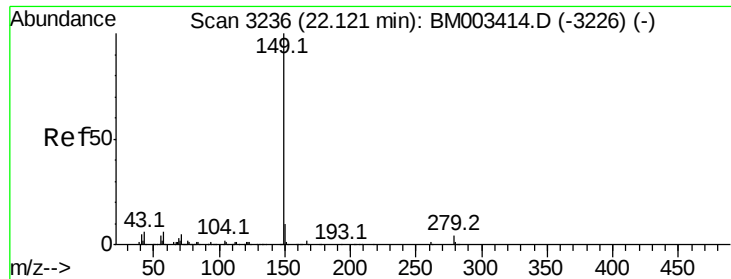
Tgt Ion:149 Resp: 1579652

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.4	33.6
279	4.4	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: 58.50 ng

RT: 22.22 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

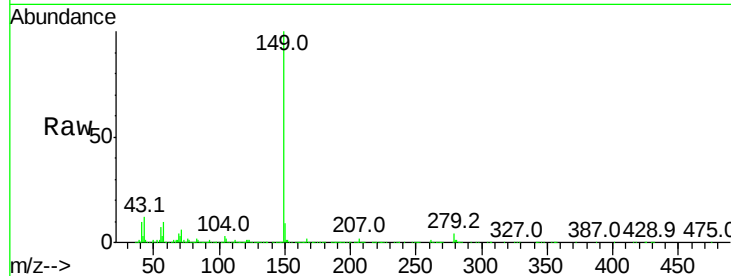
Tot Ion:149 Resp: 2753026

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 13.0 7.3 10.9#

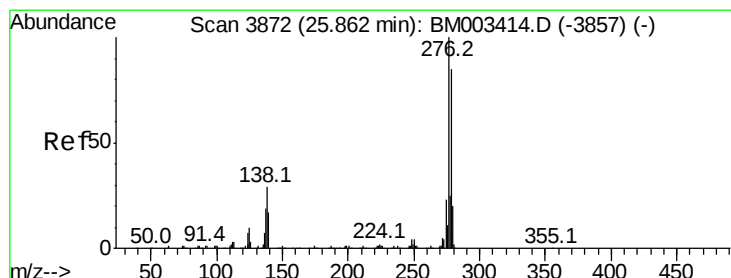
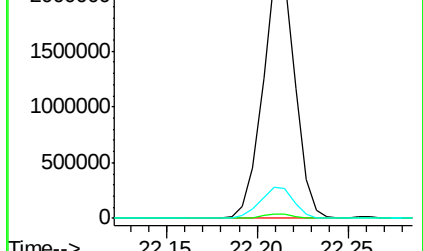
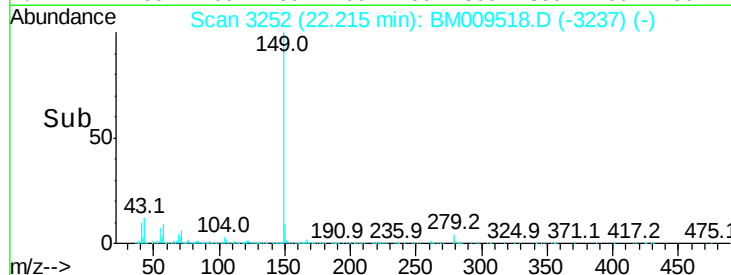


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 51.55 ng

RT: 26.11 min Scan# 3914

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

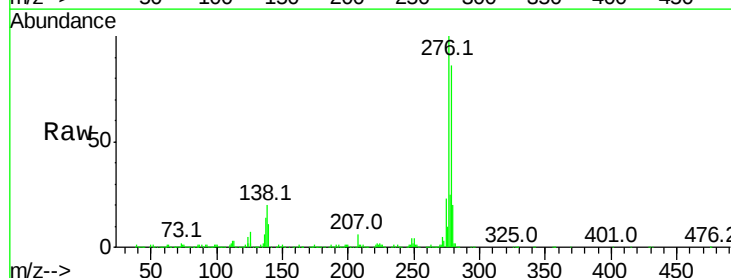
Tgt Ion:276 Resp: 2909049

Ion Ratio Lower Upper

276 100

138 19.9 0.0 0.0#

277 24.9 0.0 0.0#

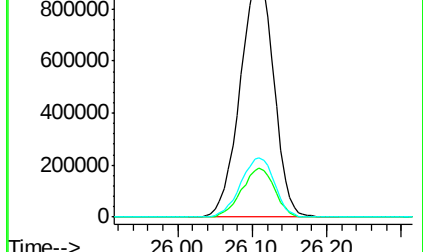
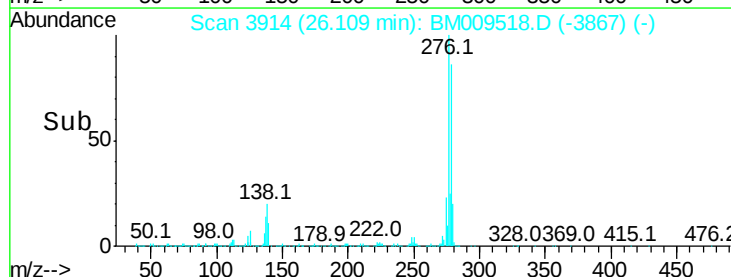


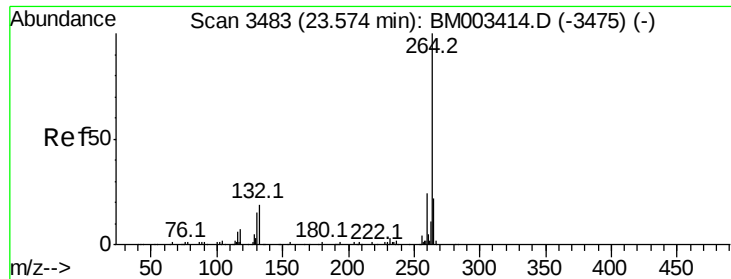
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->

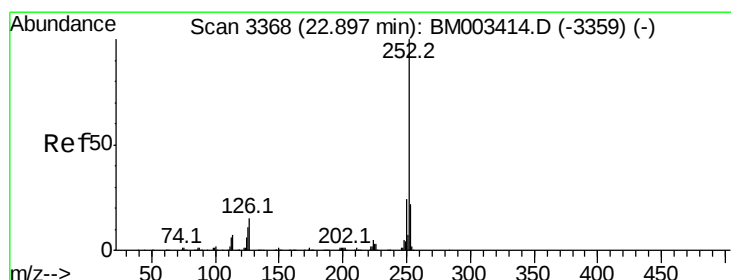
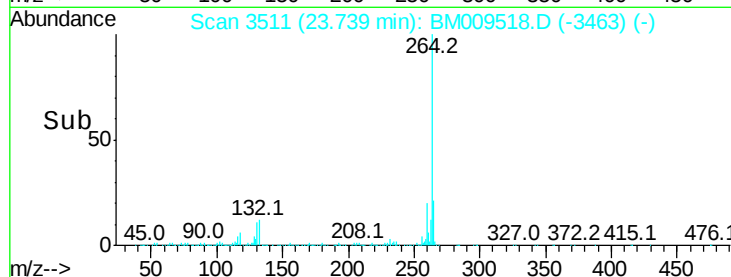
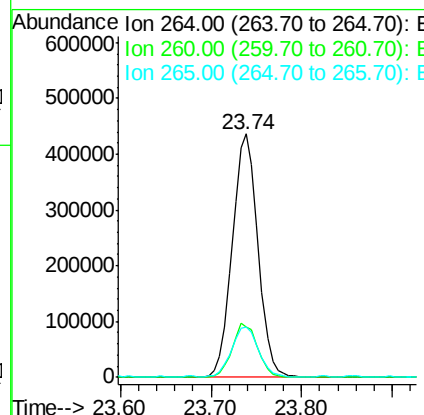
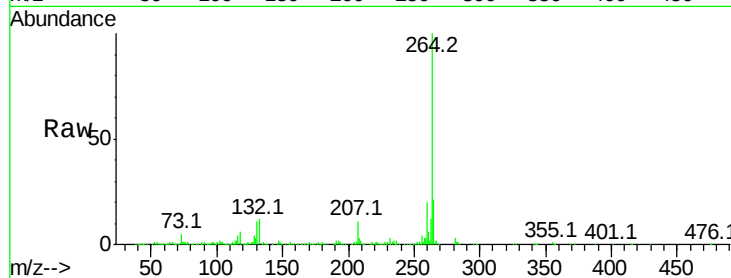




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

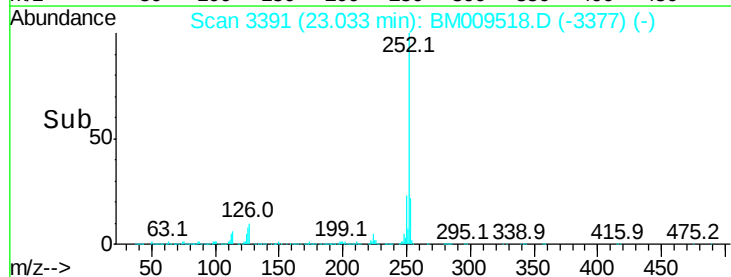
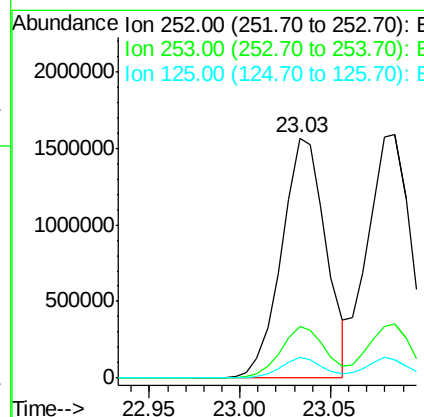
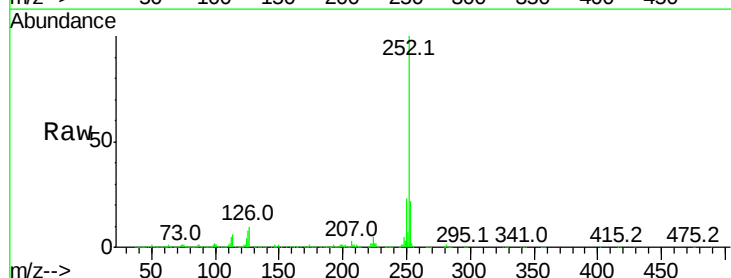
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

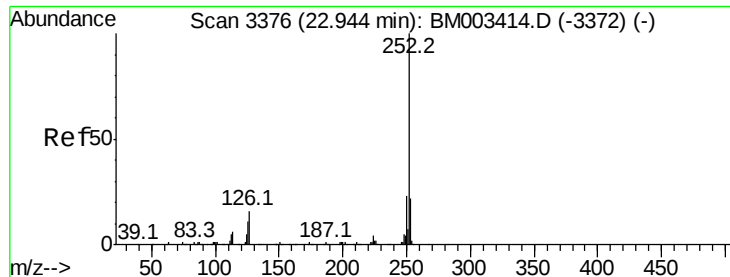
Tot Ion:264 Resp: 857366
Ion Ratio Lower Upper
264 100
260 20.5 18.6 27.8
265 20.9 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 49.28 ng
RT: 23.03 min Scan# 3391
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion:252 Resp: 2678269
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 8.4 9.9 14.9#





#88

Benzo(k)fluoranthene

Concen: 51.12 ng

RT: 23.03 min Scan# 3391

Delta R.T. -0.06 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

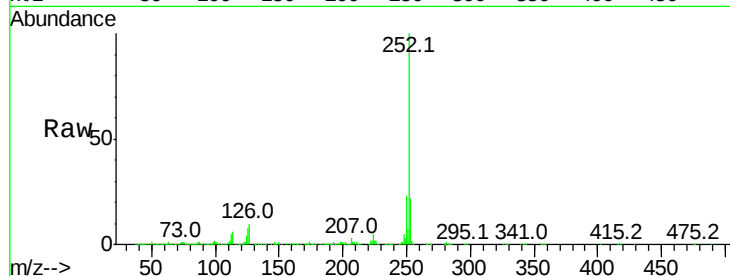
Tot Ion:252 Resp: 2671917

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

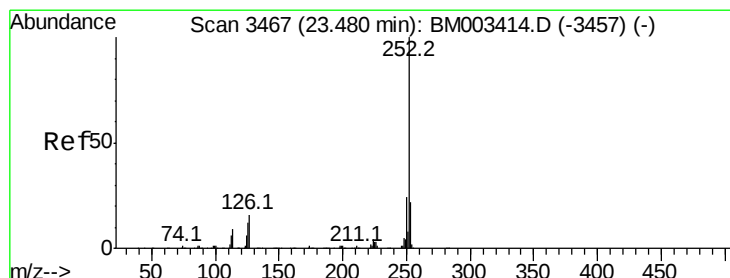
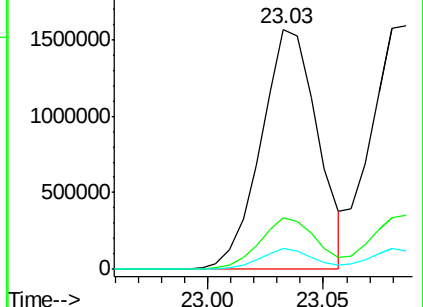
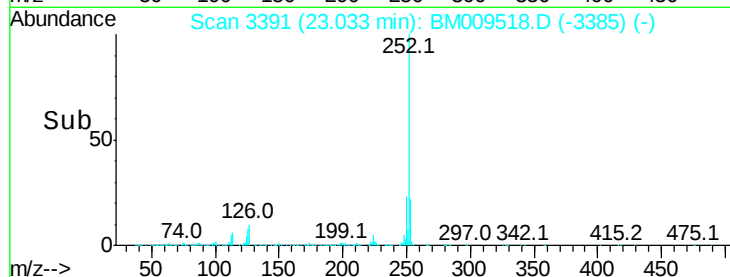
125 8.4 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 50.76 ng

RT: 23.64 min Scan# 3494

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

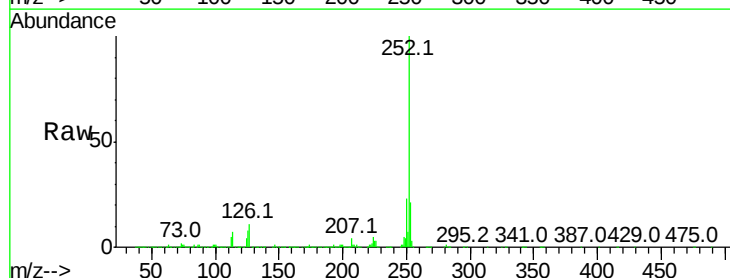
Tgt Ion:252 Resp: 2554433

Ion Ratio Lower Upper

252 100

253 20.6 17.6 26.4

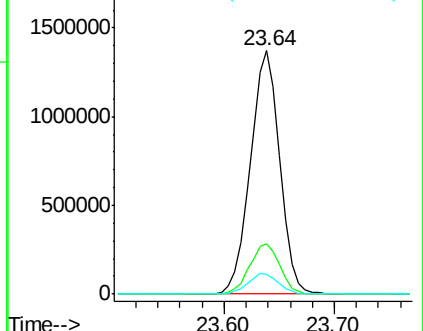
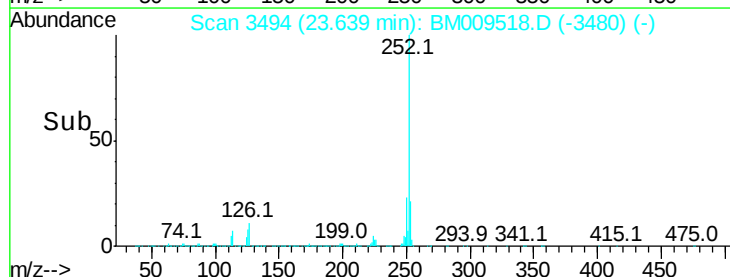
125 8.3 7.4 11.2

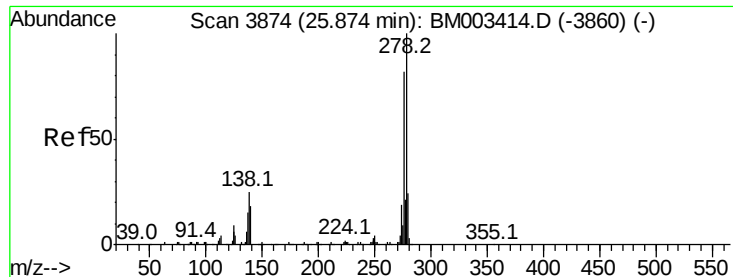


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

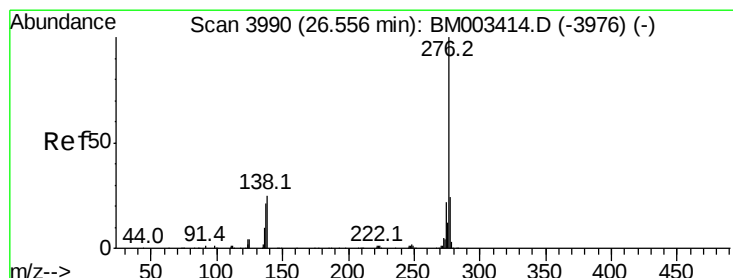
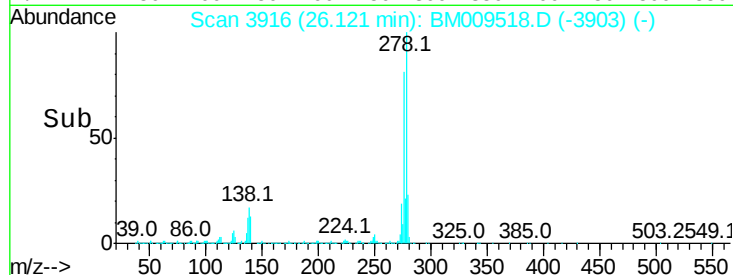
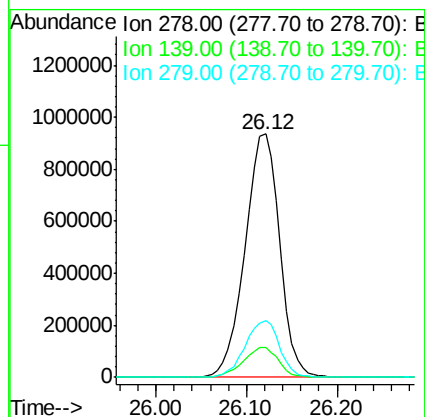
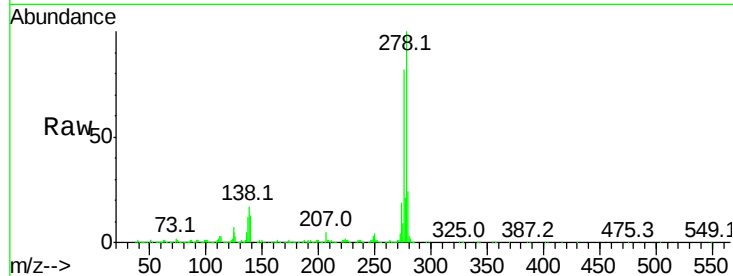




#90
Dibenzo(a,h)anthracene
Concen: 50.27 ng
RT: 26.12 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion:278 Resp: 2478272
Ion Ratio Lower Upper
278 100
139 12.5 13.4 20.0#
279 23.6 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 48.69 ng
RT: 26.84 min Scan# 4038
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion:276 Resp: 2339907
Ion Ratio Lower Upper
276 100
277 23.8 18.5 27.7
138 16.4 19.0 28.6#

