

Data File : BM024537.D
Acq On : 18 Jan 2020 16:00
Operator : JU
Sample : L1109-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASH0

Quant Time: Jan 20 03:28:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 03:25:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	127261	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	635088	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.11	164	633211	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	594569	20.00	ng/ul	0.03
78) Chrysene-d12	21.12	240	1816533	20.00	ng/ul	0.05
86) Perylene-d12	23.24	264	1578537	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	8086	3.11	ng/uL	0.00
5) Phenol-d5	6.65	99	150770	15.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	79757	15.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	137798	17.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	147587	16.97	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	58948	13.21	ng/ul	0.01
22) 2-Nitrophenol-d4	9.37	143	422	0.09	ng/ul	0.06
26) 2,4-Dichlorophenol-d3	9.87	165	182221	16.75	ng/ul	0.02
29) 4-Chloroaniline-d4	10.49	131	88724	7.34	ng/ul	0.14
44) Dimethylphthalate-d6	13.55	166	761938	15.36	ng/ul	0.02
47) Acenaphthylene-d8	13.80	160	859416	15.05	ng/ul	0.01
52) 4-Nitrophenol-d4	14.34	143	174559	21.08	ng/ul	0.03
58) Fluorene-d10	15.12	176	724228	16.58	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.24	200	6977	2.06	ng/ul	0.01
71) Anthracene-d10	17.00	188	1275668	46.14	ng/ul	0.05
79) Pyrene-d10	19.25	212	91323	0.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	1609134	19.65	ng/ul	0.06

Target Compounds

					Qvalue	
4) Benzaldehyde	6.63	77	103833	20.755	ng/ul#	1
6) Phenol	6.68	94	1593838	166.278	ng/ul	97
11) 2-Methylphenol	7.92	108	1811525	230.582	ng/ul	99
14) Acetophenone	8.26	105	184622	13.523	ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.25	70	8708	1.349	ng/ul#	1
16) 4-Methylphenol	8.25	108	4277614	488.959	ng/ul	93
17) Hexachloroethane	8.50	117	224432	62.375	ng/ul#	1
20) Nitrobenzene	8.65	77	36520	3.382	ng/ul#	5
23) 2-Nitrophenol	9.53	139	13763	2.605	ng/ul	89
24) 2,4-Dimethylphenol	9.45	107	3532325	307.994	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.72	93	34697	2.836	ng/ul#	1
30) 4-Chloroaniline	10.36	127	26538106	2232.637	ng/ul#	12
32) Caprolactam	11.18	113	6963	2.190	ng/ul#	1
34) 2-Methylnaphthalene	12.05	142	127466	5.049	ng/ul#	33
41) 1,1'-Biphenyl	12.95	154	9673680	210.426	ng/ul	99
43) 2-Nitroaniline	13.13	65	40706	4.804	ng/ul#	26
45) Dimethylphthalate	13.59	163	162308	3.218	ng/ul#	95
48) Acenaphthylene	13.71	152	259538	4.450	ng/ul#	1
50) Acenaphthene	14.18	153	6174455	156.401	ng/ul	97
54) Dibenzofuran	14.43	168	126345	2.185	ng/ul	89
55) 2,4-Dinitrotoluene	14.50	165	159485	11.239	ng/ul#	34
59) Fluorene	15.18	166	3128131	63.972	ng/ul#	98
61) 4-Nitroaniline	15.20	138	454316	48.678	ng/ul#	15

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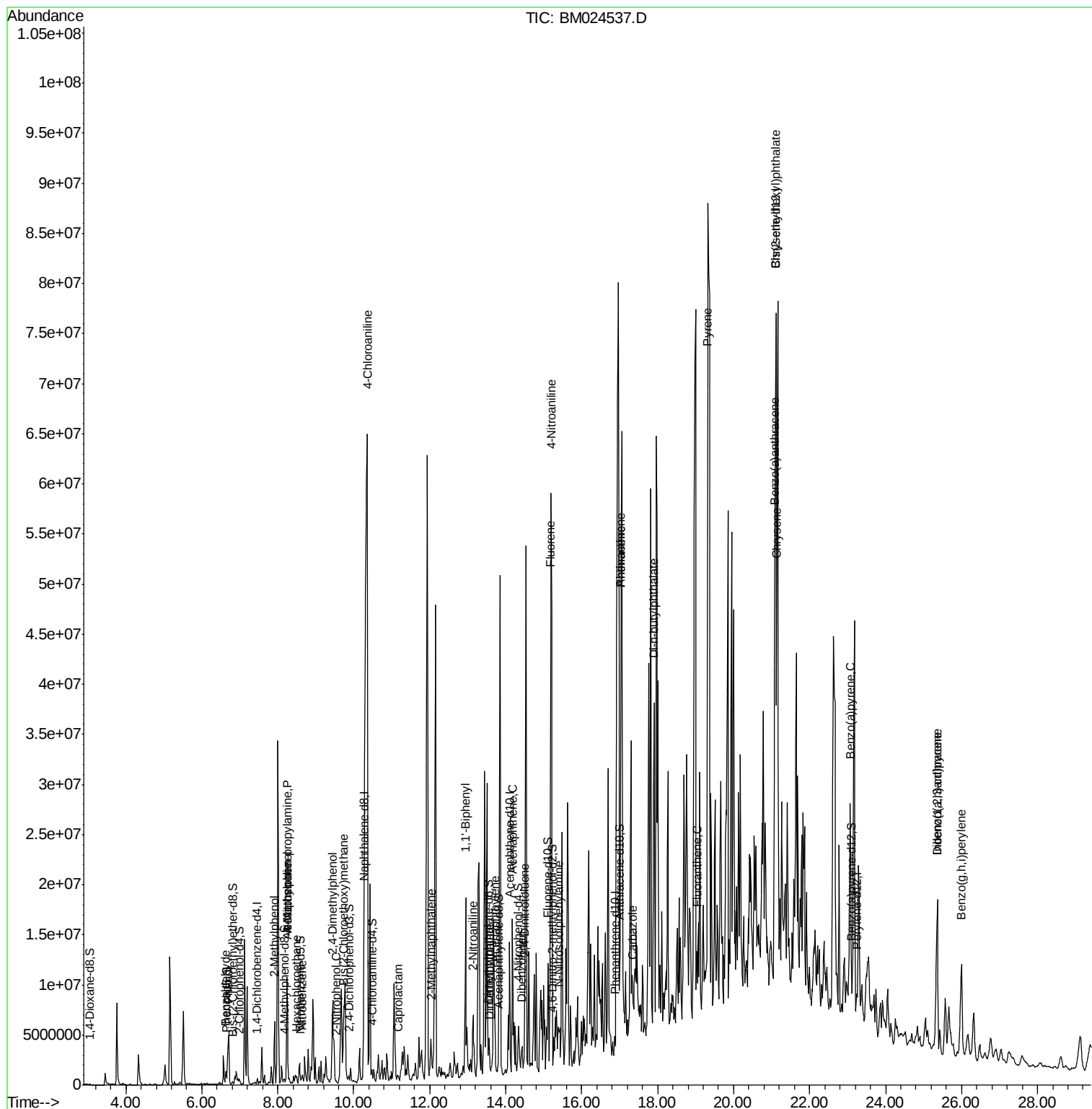
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) N-Nitrosodiphenylamine	15.40	169	521924	31.605	ng/ul#	71
70) Phenanthrene	17.03	178	3413086	106.443	ng/ul#	61
72) Anthracene	17.03	178	3413086	104.382	ng/ul#	60
75) Carbazole	17.36	167	28365	1.031	ng/ul#	1
76) Di-n-butylphthalate	17.91	149	85180	2.463	ng/ul#	1
77) Fluoranthene	19.03	202	254521	6.495	ng/ul#	89
80) Pyrene	19.32	202	3692391	29.692	ng/ul#	75
83) Benzo(a)anthracene	21.07	228	3323165	26.855	ng/ul#	54
84) Bis(2-ethylhexyl)phthalate	21.10	149	241993	3.500	ng/ul	93
85) Chrysene	21.13	228	727643	6.102	ng/ul#	78
91) Benzo(a)pyrene	23.07	252	18374522	202.656	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.37	276	15480278	163.175	ng/ul	97
93) Dibenzo(a,h)anthracene	25.36	278	5079257	63.084	ng/ul#	83
94) Benzo(g,h,i)perylene	26.00	276	11443016	151.769	ng/ul	98

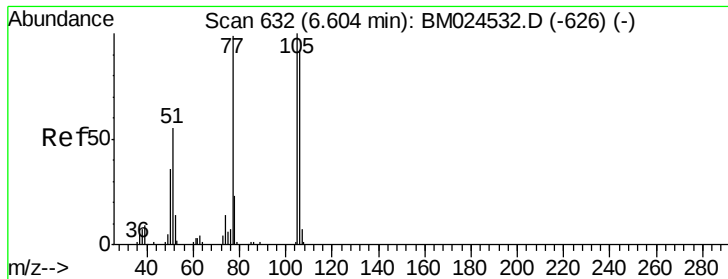
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 20.755 ng/ul

RT: 6.63 min Scan# 636

Delta R.T. 0.02 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

Instrument :

BNA_M

ClientSampled :

GASH0

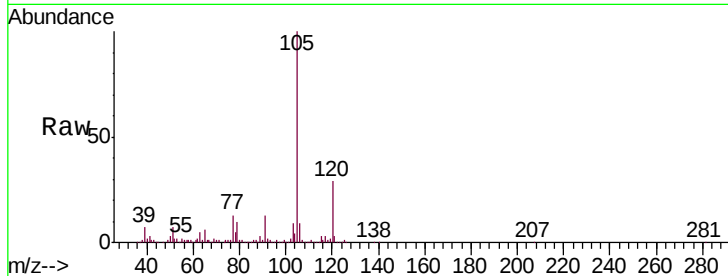
Tgt Ion: 77 Resp: 103833

Ion Ratio Lower Upper

77 100

105 770.4 80.1 120.1#

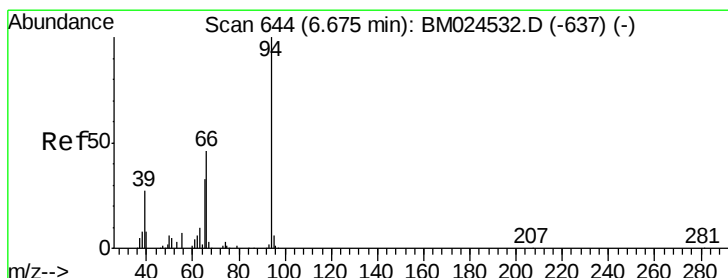
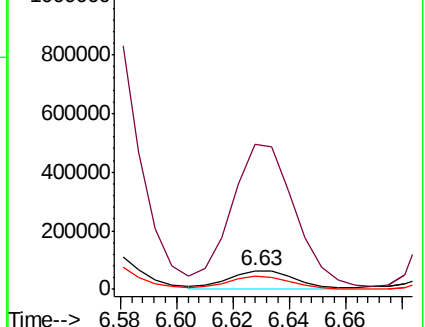
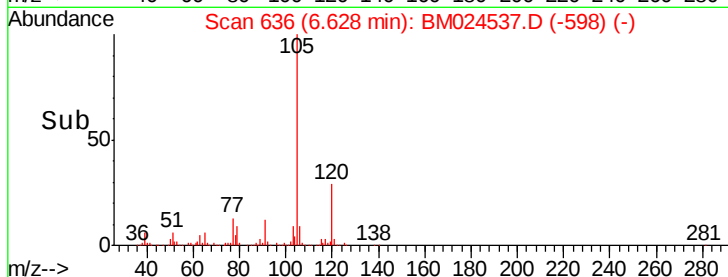
106 72.0 76.0 114.0#



Abundance Ion 77.00 (76.70 to 77.70): BM024537.D (-598) (-)

Ion 105.00 (104.70 to 105.70): BM024537.D (-598) (-)

Ion 106.00 (105.70 to 106.70): BM024537.D (-598) (-)



#6

Phenol

Concen: 166.278 ng/ul

RT: 6.68 min Scan# 645

Delta R.T. 0.01 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

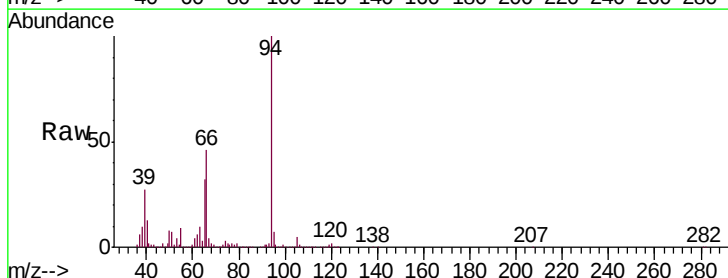
Tgt Ion: 94 Resp: 1593838

Ion Ratio Lower Upper

94 100

65 32.2 26.7 40.1

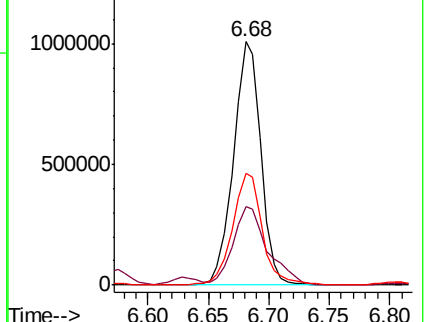
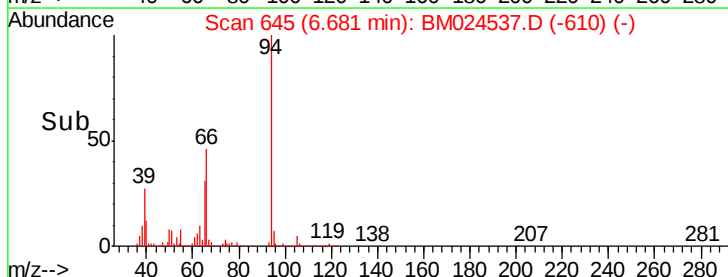
66 45.7 38.1 57.1

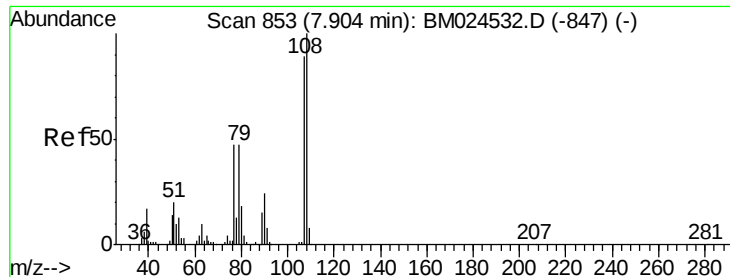


Abundance Ion 94.00 (93.70 to 94.70): BM024537.D (-610) (-)

Ion 65.00 (64.70 to 65.70): BM024537.D (-610) (-)

Ion 66.00 (65.70 to 66.70): BM024537.D (-610) (-)

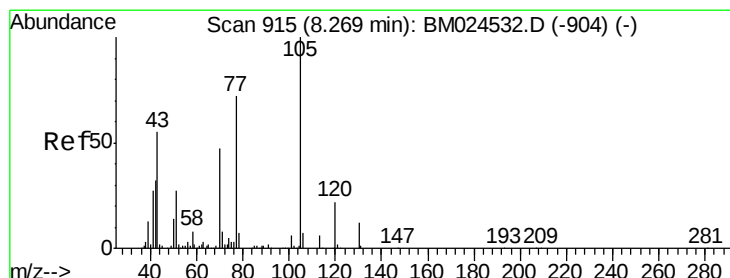
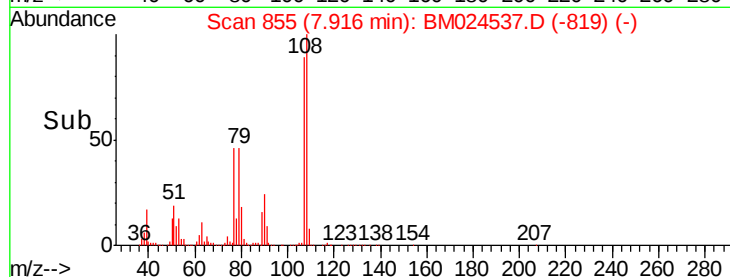
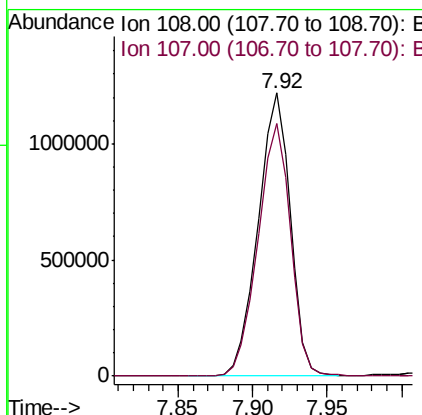
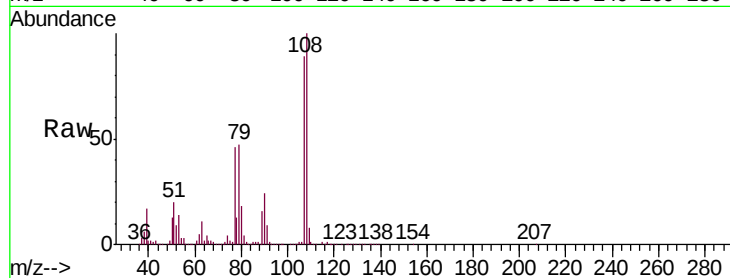




#11
 2-Methylphenol
 Concen: 230.582 ng/ul
 RT: 7.92 min Scan# 855
 Delta R.T. 0.01 min
 Lab File: BM024537.D
 Acq: 18 Jan 2020 16:00

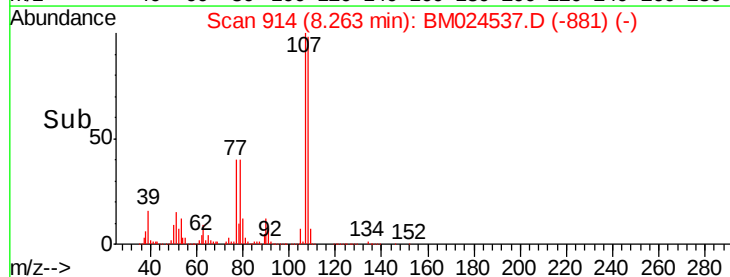
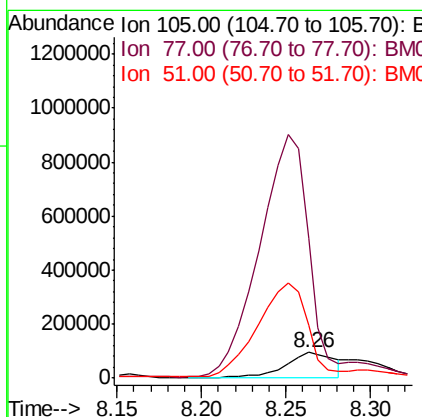
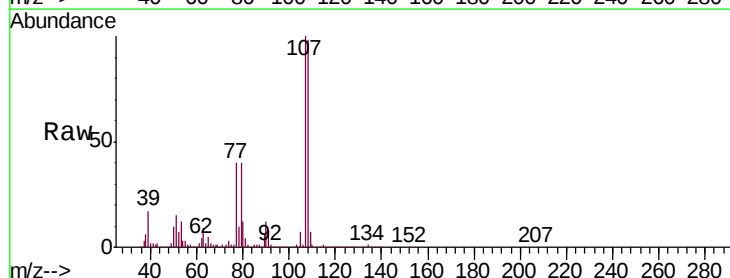
Instrument :
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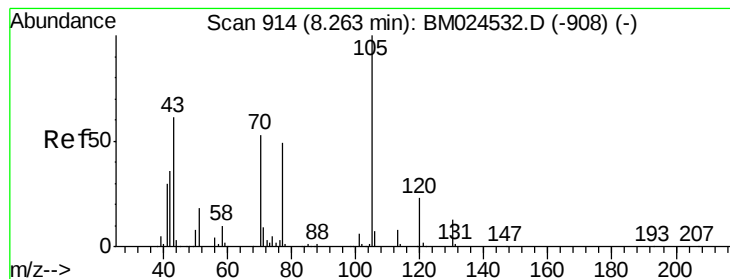
Tgt Ion:108 Resp: 1811525
 Ion Ratio Lower Upper
 108 100
 107 89.4 70.6 105.8



#14
 Acetophenone
 Concen: 13.523 ng/ul
 RT: 8.26 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BM024537.D
 Acq: 18 Jan 2020 16:00

Tgt Ion:105 Resp: 184622
 Ion Ratio Lower Upper
 105 100
 77 550.2 60.6 90.8#
 51 206.3 24.4 36.6#





#15

N-Nitroso-di-n-propylamine

Concen: 1.349 ng/ul

RT: 8.25 min Scan# 911

Delta R.T. -0.02 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

Instrument :

BNA_M

ClientSampleId :

GASH0

Tgt Ion: 70 Resp: 8708

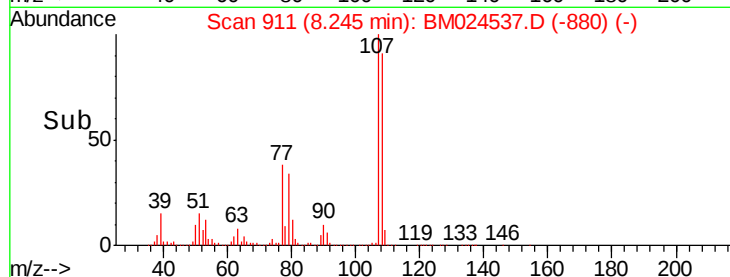
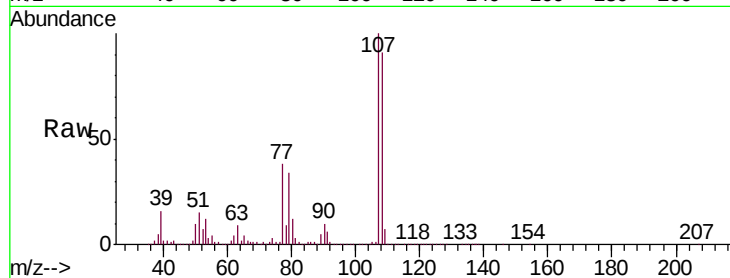
Ion Ratio Lower Upper

70 100

42 425.0 54.1 81.1#

101 10.7 8.6 12.8

130 0.0 19.8 29.6#



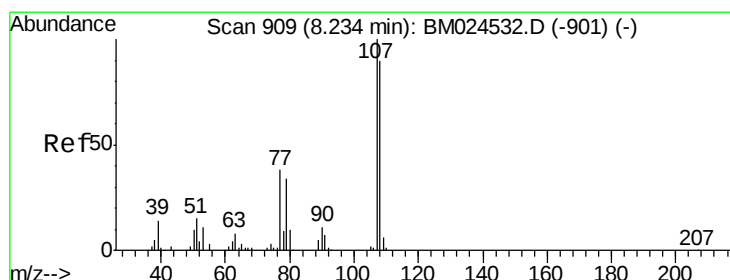
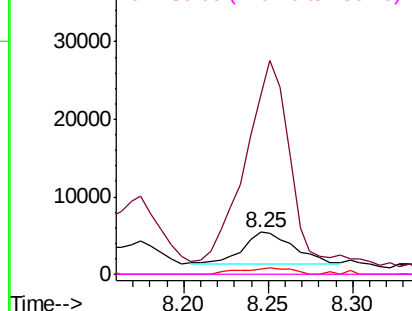
Abundance

Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 488.959 ng/ul

RT: 8.25 min Scan# 912

Delta R.T. 0.02 min

Lab File: BM024537.D

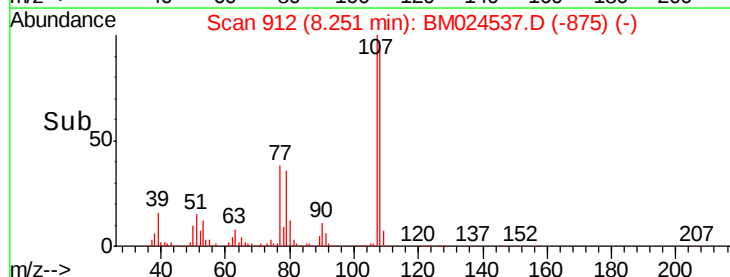
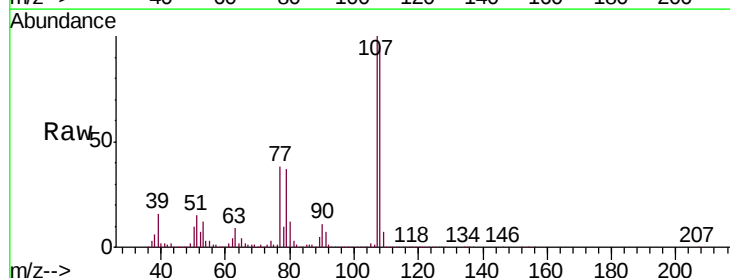
Acq: 18 Jan 2020 16:00

Tgt Ion: 108 Resp: 4277614

Ion Ratio Lower Upper

108 100

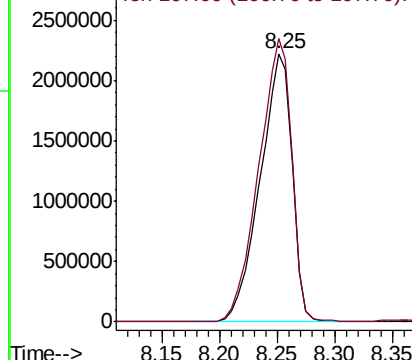
107 105.5 90.5 135.7

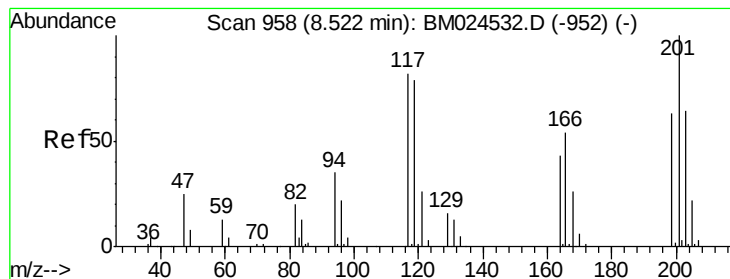


Abundance

Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 62.375 ng/ul

RT: 8.50 min Scan# 954

Delta R.T. -0.02 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

Instrument :

BNA_M

ClientSampled :

GASH0

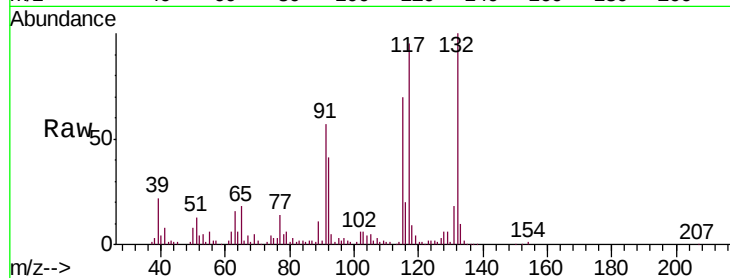
Tgt Ion:117 Resp: 224432

Ion Ratio Lower Upper

117 100

201 0.0 94.6 141.8#

199 0.0 59.1 88.7#

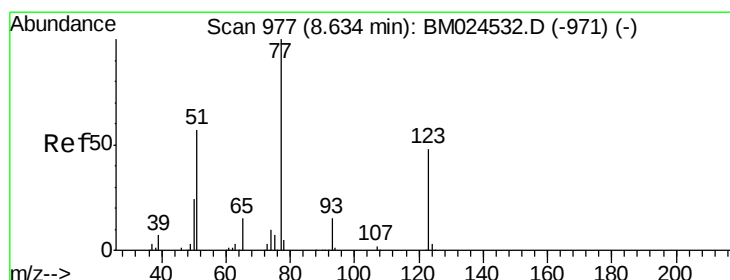
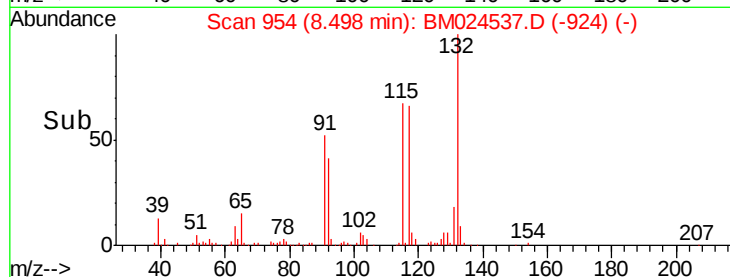
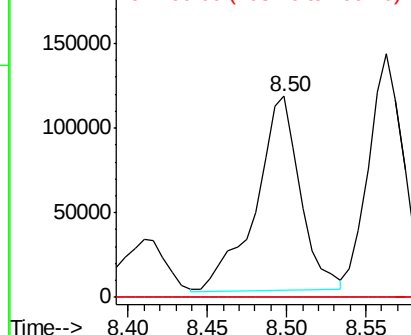


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 3.382 ng/ul

RT: 8.65 min Scan# 980

Delta R.T. 0.02 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

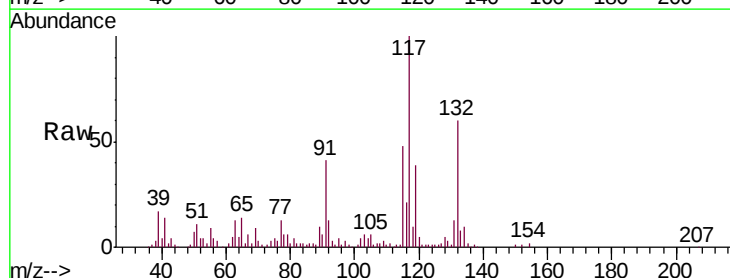
Tgt Ion: 77 Resp: 36520

Ion Ratio Lower Upper

77 100

123 8.1 35.7 53.5#

65 103.2 11.5 17.3#

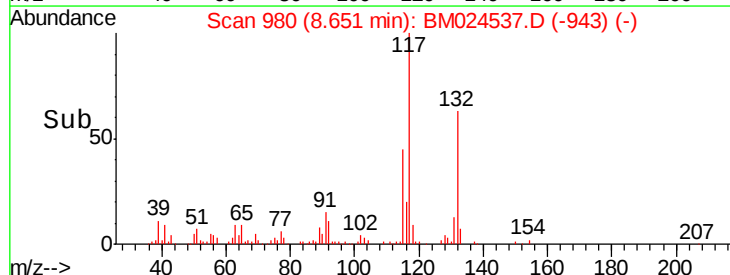
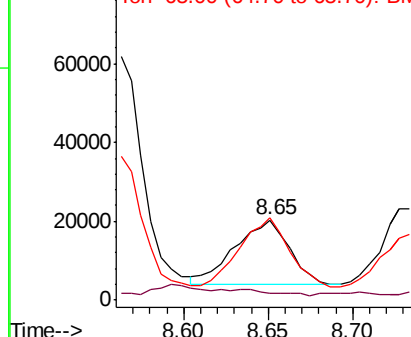


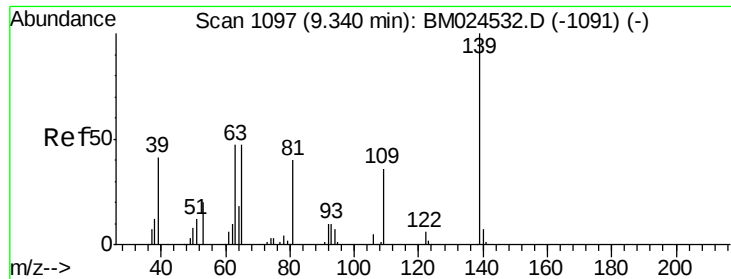
Abundance

Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#23

2-Nitrophenol

Concen: 2.605 ng/ul

RT: 9.53 min Scan# 1130

Delta R.T. 0.19 min

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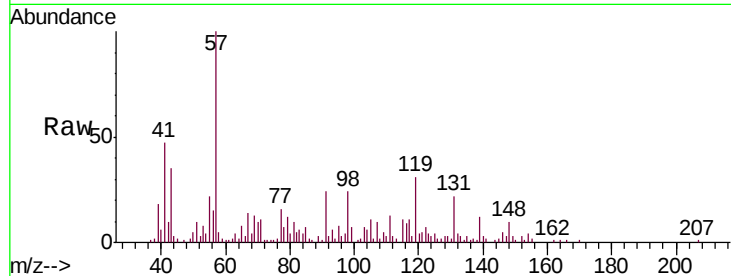
Tgt Ion:139 Resp: 13763

Ion Ratio Lower Upper

139 100

65 65.8 43.9 65.9

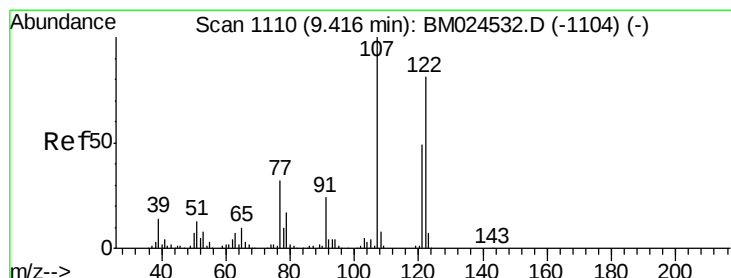
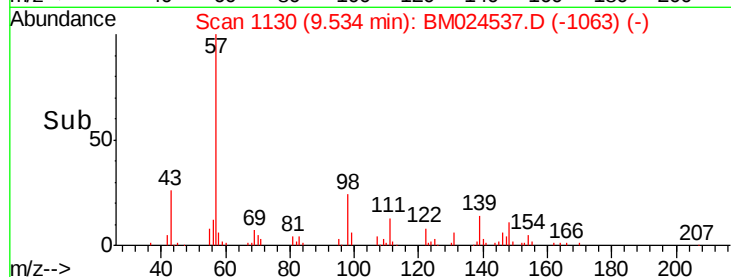
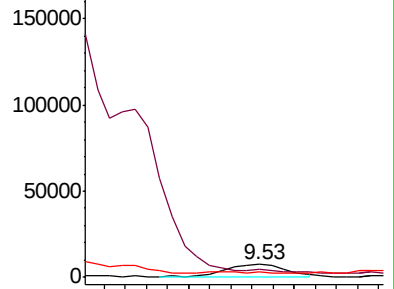
109 42.1 31.4 47.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E



#24

2,4-Dimethylphenol

Concen: 307.994 ng/ul

RT: 9.45 min Scan# 1115

Delta R.T. 0.03 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

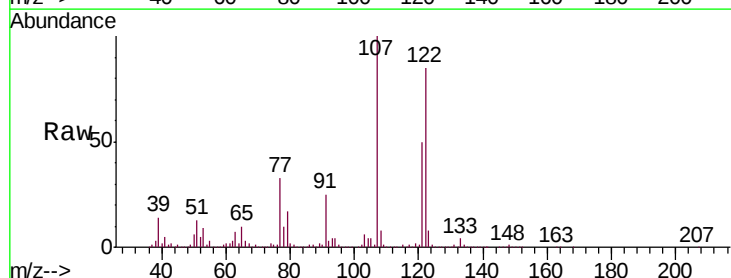
Tgt Ion:107 Resp: 3532325

Ion Ratio Lower Upper

107 100

121 49.5 38.4 57.6

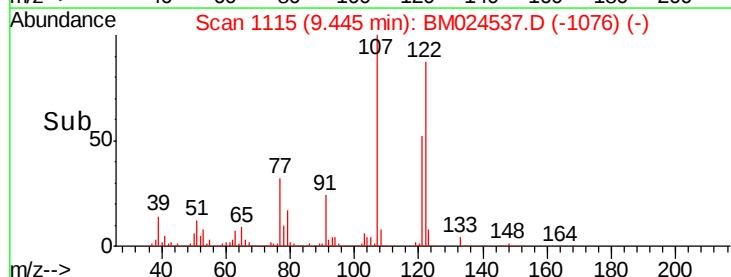
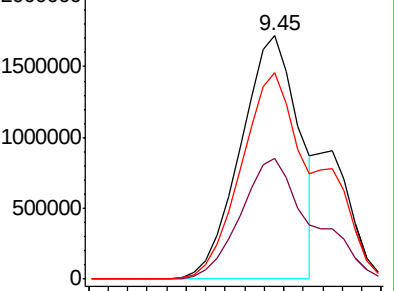
122 84.8 64.3 96.5

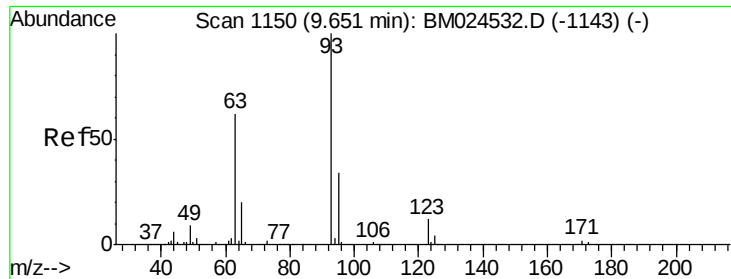


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

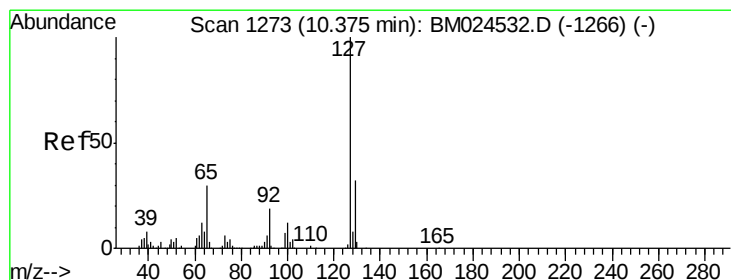
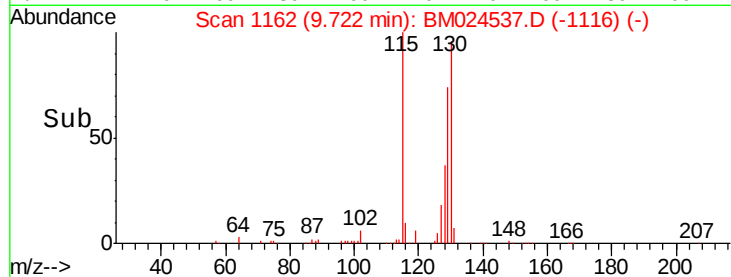
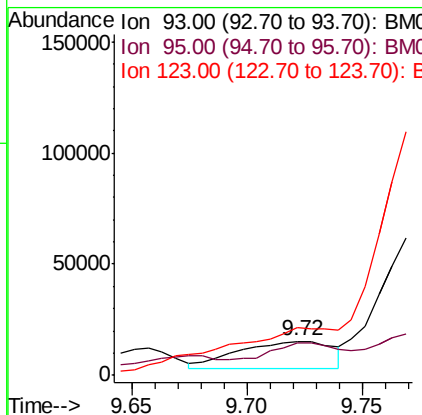
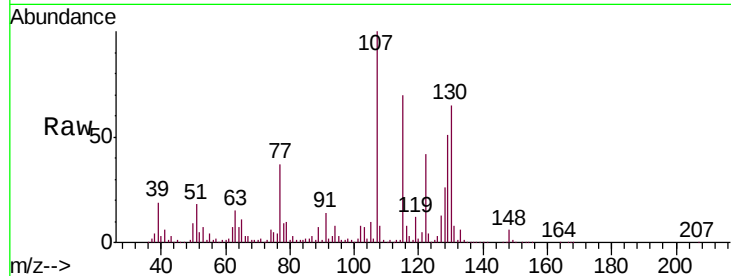




#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.836 ng/ul
 RT: 9.72 min Scan# 1162
 Delta R.T. 0.07 min
 Lab File: BM024537.D
 Acq: 18 Jan 2020 16:00

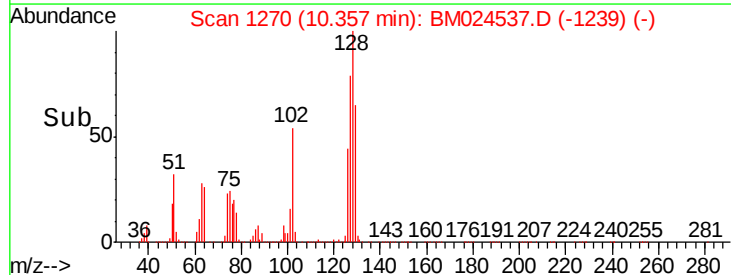
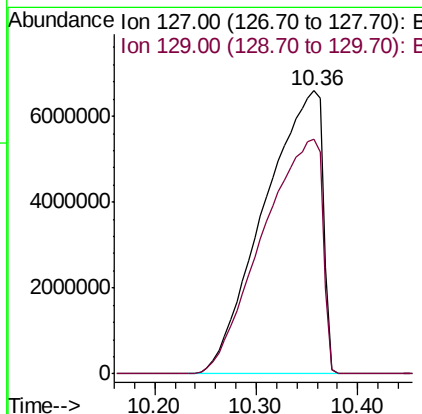
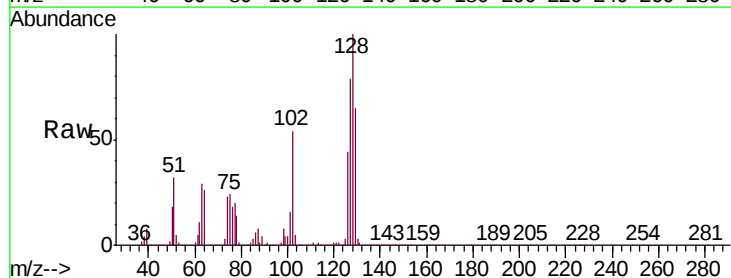
Instrument :
 BNA_M
 ClientSampled :
 GASH0

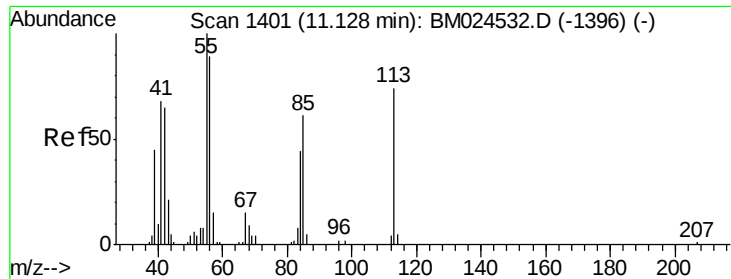
Tgt Ion: 93 Resp: 34697
 Ion Ratio Lower Upper
 93 100
 95 93.9 26.6 40.0#
 123 138.7 10.2 15.2#



#30
 4-Chloroaniline
 Concen: 2232.637 ng/ul
 RT: 10.36 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BM024537.D
 Acq: 18 Jan 2020 16:00

Tgt Ion: 127 Resp: 26538106
 Ion Ratio Lower Upper
 127 100
 129 82.8 26.4 39.6#





#32

Caprolactam

Concen: 2.190 ng/ul

RT: 11.18 min Scan# 1410

Delta R.T. 0.05 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

Instrument :

BNA_M

ClientSampleId :

GASH0

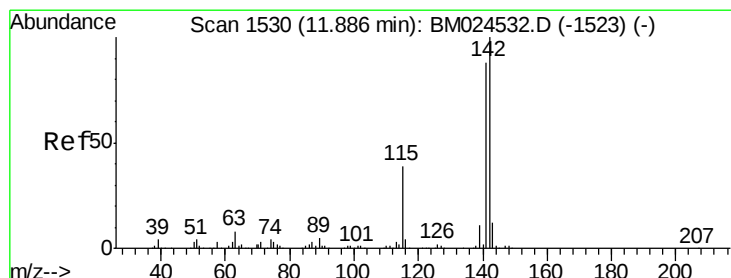
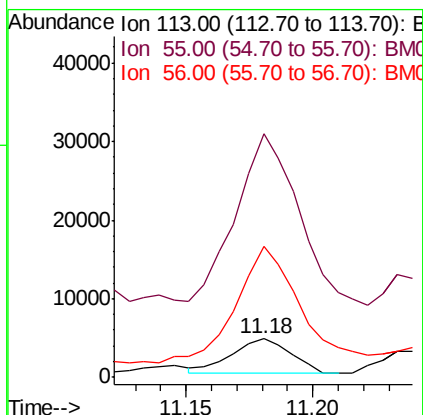
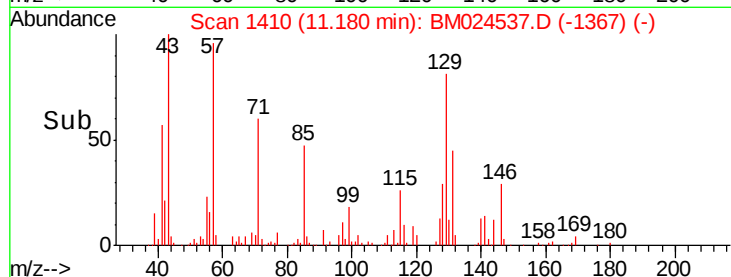
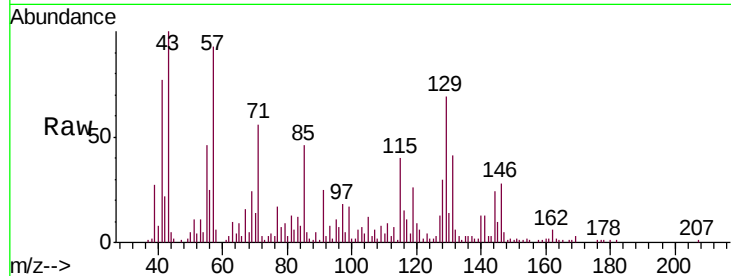
Tgt Ion:113 Resp: 6963

Ion Ratio Lower Upper

113 100

55 630.7 118.3 177.5#

56 337.7 90.8 136.2#



#34

2-Methylnaphthalene

Concen: 5.049 ng/ul

RT: 12.05 min Scan# 1557

Delta R.T. 0.16 min

Lab File: BM024537.D

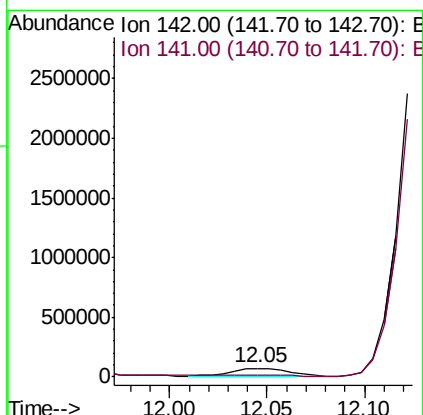
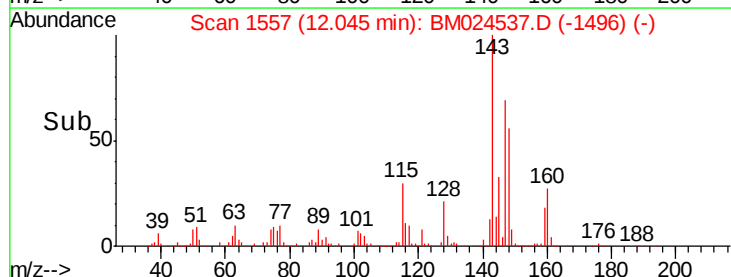
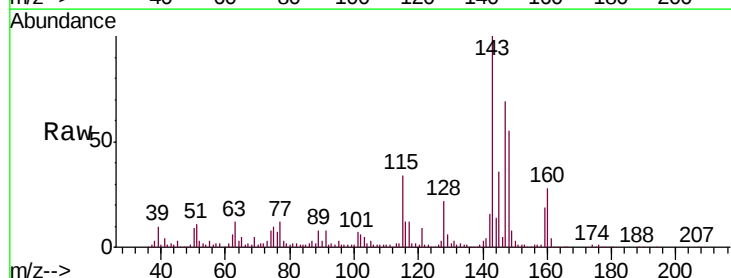
Acq: 18 Jan 2020 16:00

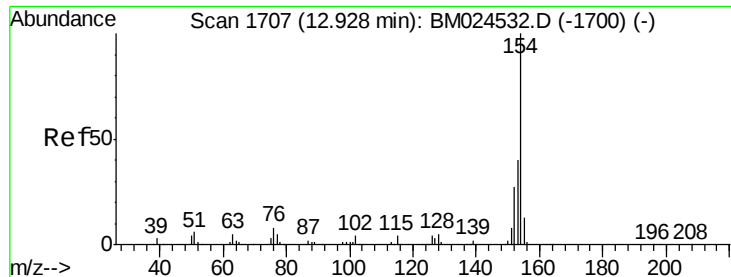
Tgt Ion:142 Resp: 127466

Ion Ratio Lower Upper

142 100

141 26.0 70.4 105.6#

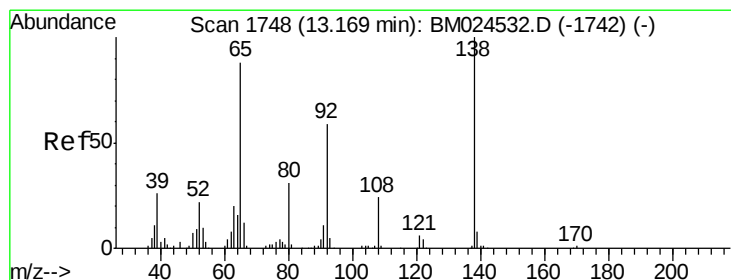
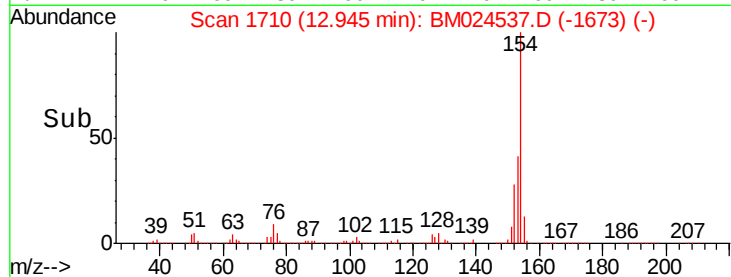
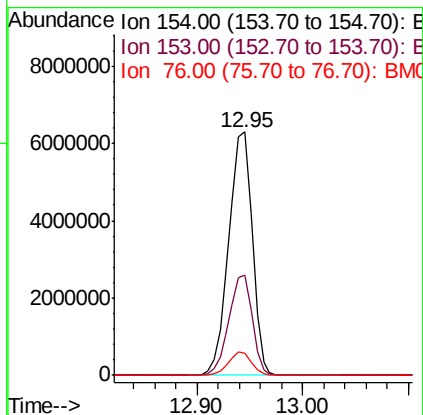
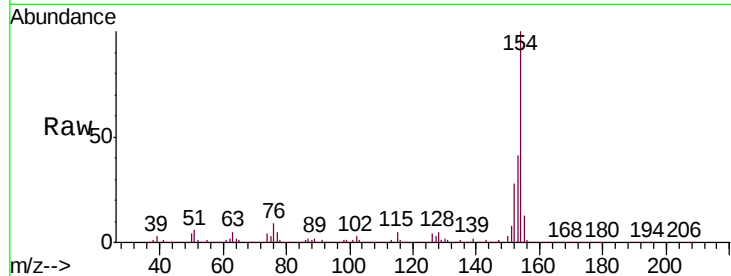




#41
 1,1'-Biphenyl
 Concen: 210.426 ng/ul
 RT: 12.95 min Scan# 1710
 Delta R.T. 0.02 min
 Lab File: BM024537.D
 Acq: 18 Jan 2020 16:00

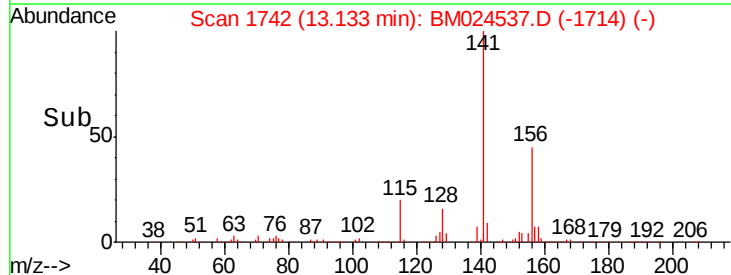
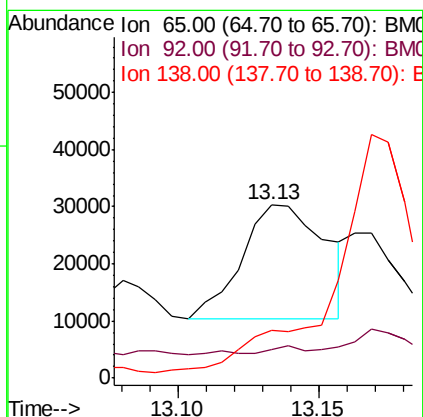
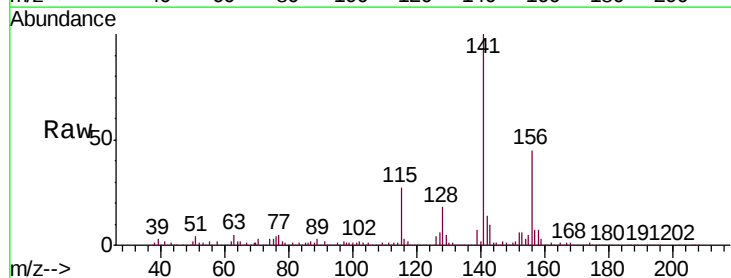
Instrument :
 BNA_M
 ClientSampleId :
 GASH0

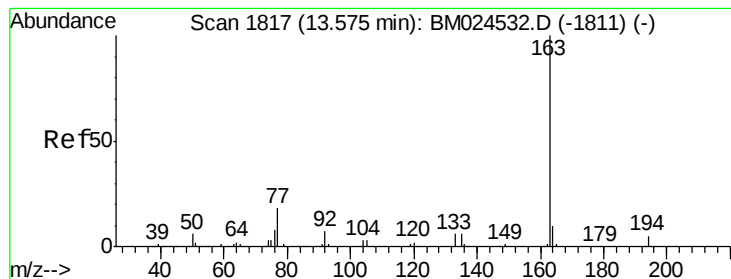
Tgt Ion:154 Resp: 9673680
 Ion Ratio Lower Upper
 154 100
 153 41.1 32.3 48.5
 76 9.2 7.0 10.6



#43
 2-Nitroaniline
 Concen: 4.804 ng/ul
 RT: 13.13 min Scan# 1742
 Delta R.T. -0.04 min
 Lab File: BM024537.D
 Acq: 18 Jan 2020 16:00

Tgt Ion: 65 Resp: 40706
 Ion Ratio Lower Upper
 65 100
 92 16.5 53.6 80.4#
 138 27.3 91.4 137.0#

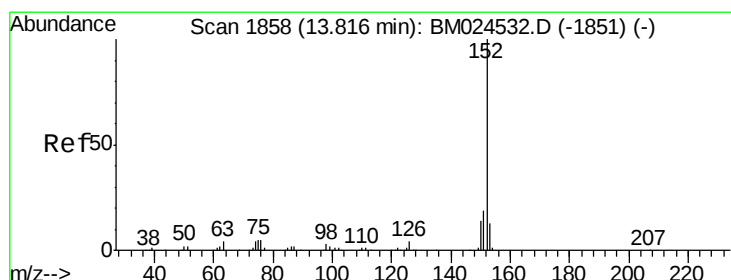
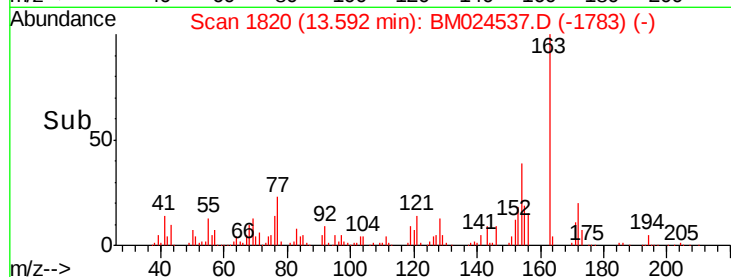
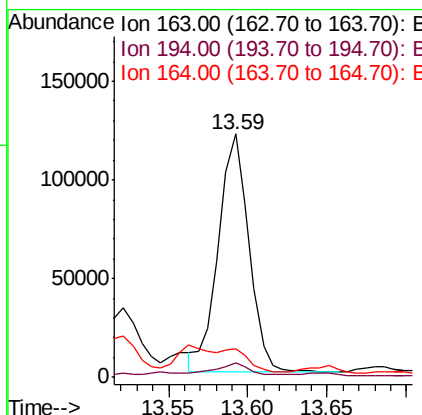
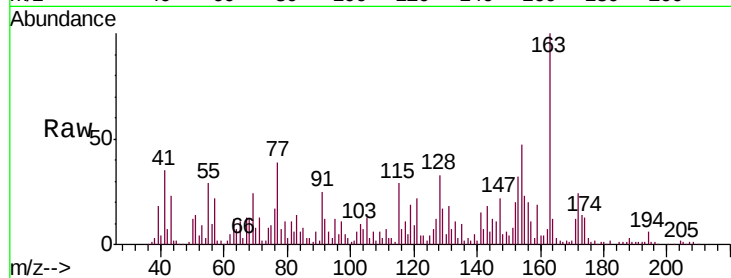




#45
Dimethylphthalate
Concen: 3.218 ng/ul
RT: 13.59 min Scan# 1820
Delta R.T. 0.02 min
Lab File: BM024537.D
Acq: 18 Jan 2020 16:00

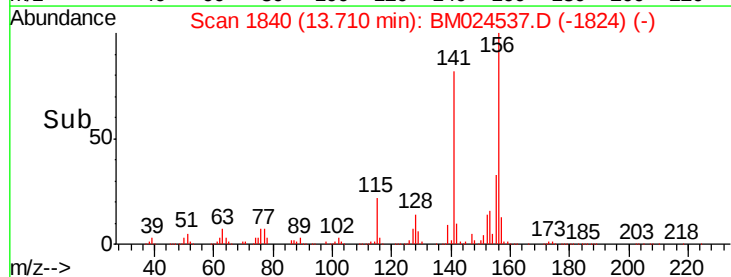
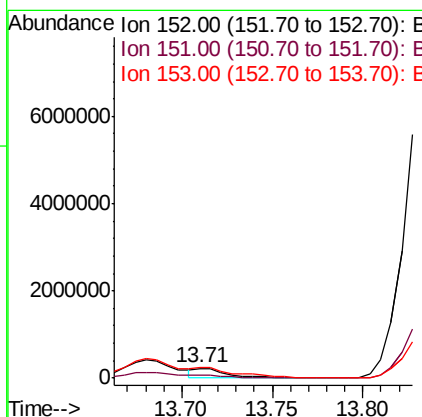
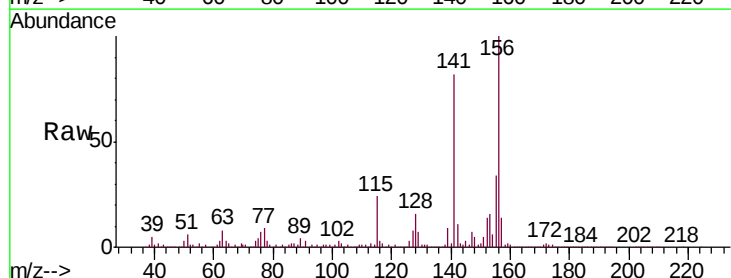
Instrument :
BNA_M
ClientSampleId :
GASH0

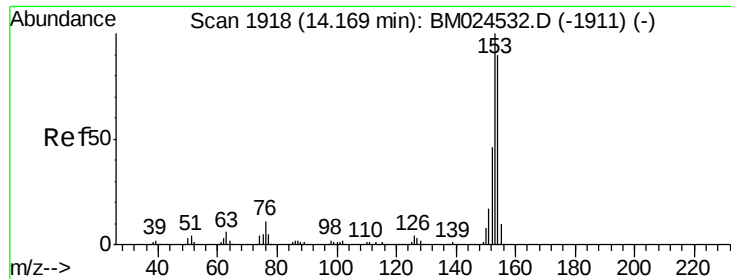
Tgt Ion:163 Resp: 162308
Ion Ratio Lower Upper
163 100
194 5.8 3.4 5.0#
164 11.9 8.0 12.0



#48
Acenaphthylene
Concen: 4.450 ng/ul
RT: 13.71 min Scan# 1840
Delta R.T. -0.11 min
Lab File: BM024537.D
Acq: 18 Jan 2020 16:00

Tgt Ion:152 Resp: 259538
Ion Ratio Lower Upper
152 100
151 32.7 15.9 23.9#
153 115.0 10.3 15.5#





#50

Acenaphthene

Concen: 156.401 ng/ul

RT: 14.18 min Scan# 1920

Delta R.T. 0.01 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

Instrument :

BNA_M

ClientSampleId :

GASH0

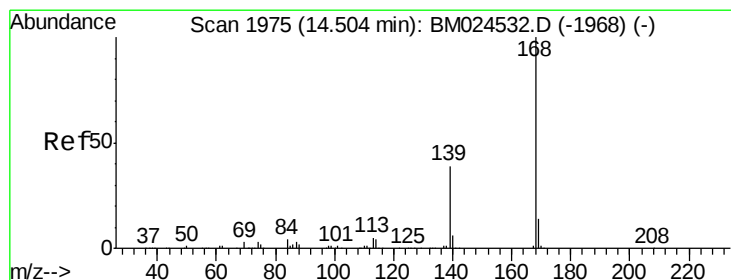
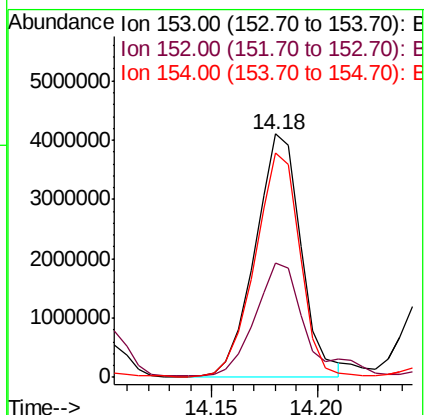
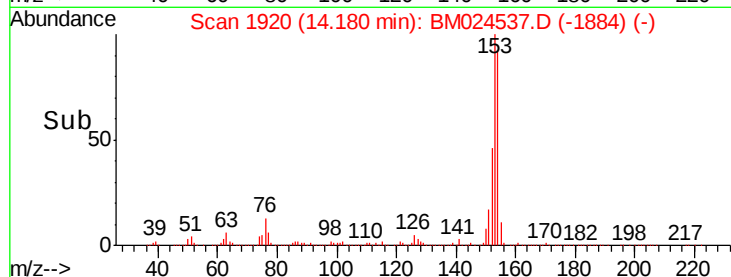
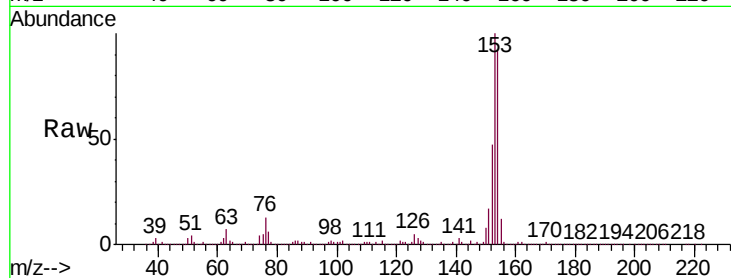
Tgt Ion:153 Resp: 6174455

Ion Ratio Lower Upper

153 100

152 46.8 37.2 55.8

154 92.0 70.6 106.0



#54

Dibenzofuran

Concen: 2.185 ng/ul

RT: 14.43 min Scan# 1962

Delta R.T. -0.08 min

Lab File: BM024537.D

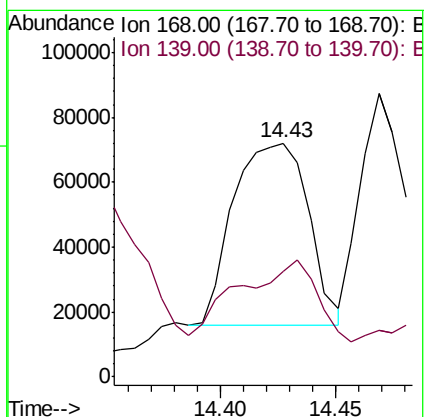
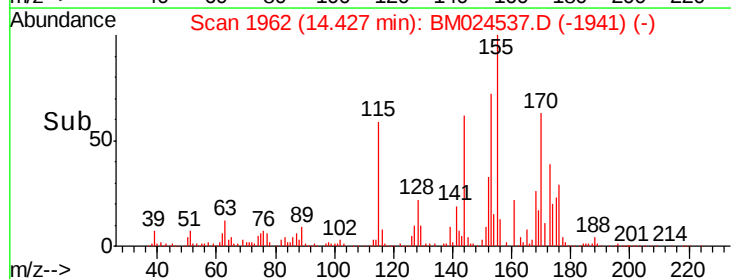
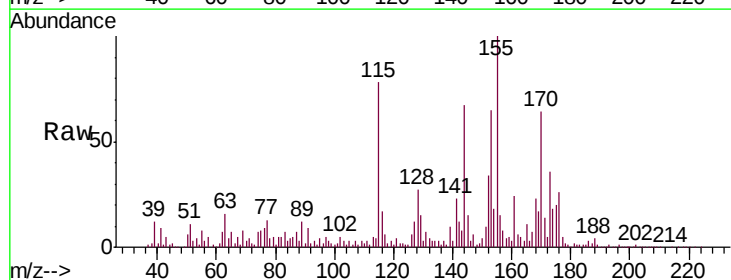
Acq: 18 Jan 2020 16:00

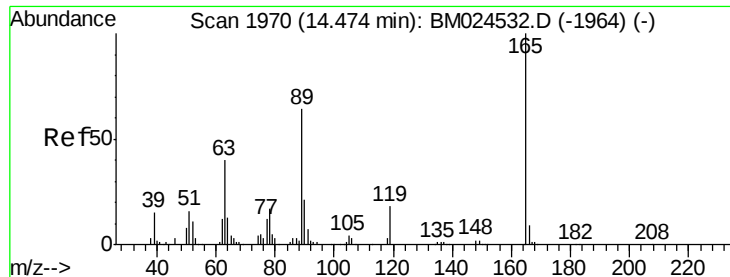
Tgt Ion:168 Resp: 126345

Ion Ratio Lower Upper

168 100

139 45.3 30.7 46.1

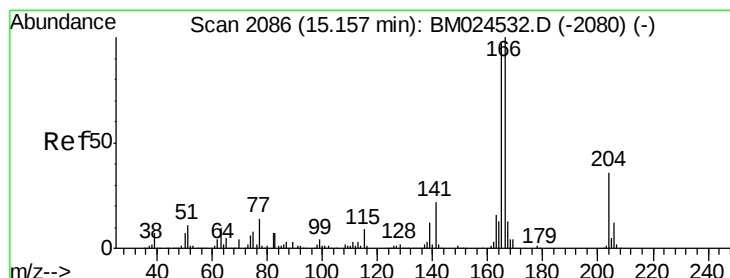
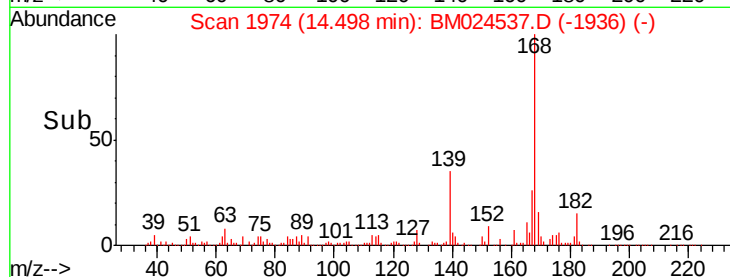
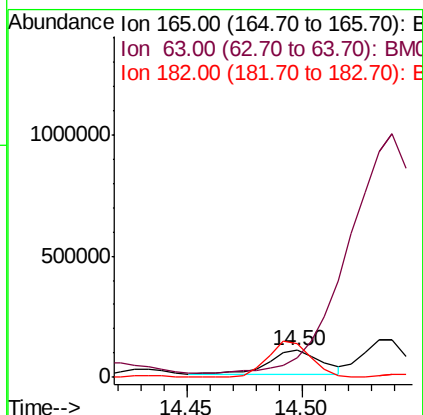
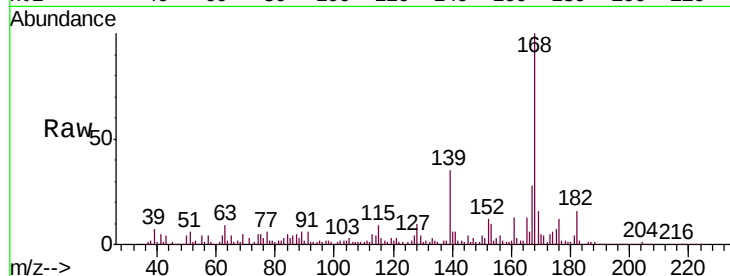




#55
2,4-Dinitrotoluene
Concen: 11.239 ng/ul
RT: 14.50 min Scan# 1974
Delta R.T. 0.02 min
Lab File: BM024537.D
Acq: 18 Jan 2020 16:00

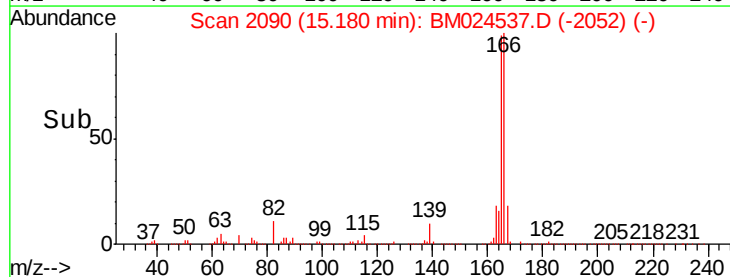
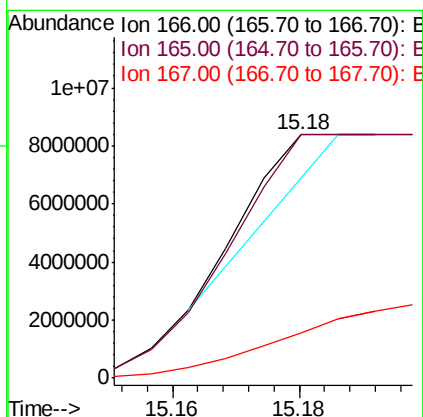
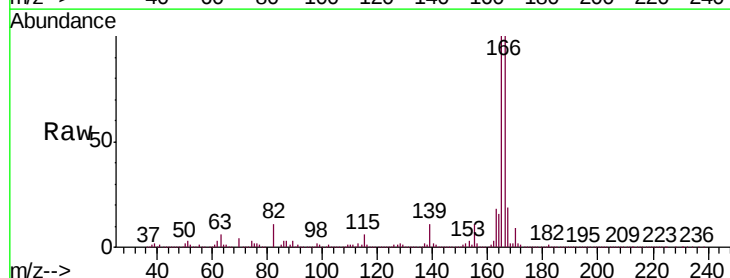
Instrument :
BNA_M
ClientSampled :
GASH0

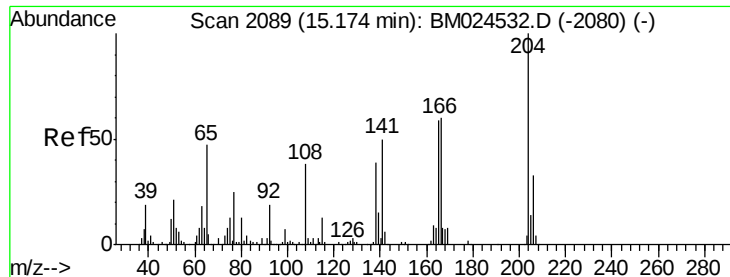
Tgt Ion:165 Resp: 159485
Ion Ratio Lower Upper
165 100
63 73.6 34.4 51.6#
182 124.5 2.2 3.2#



#59
Fluorene
Concen: 63.972 ng/ul
RT: 15.18 min Scan# 2090
Delta R.T. 0.02 min
Lab File: BM024537.D
Acq: 18 Jan 2020 16:00

Tgt Ion:166 Resp: 3128131
Ion Ratio Lower Upper
166 100
165 100.0 79.6 119.4
167 18.8 10.8 16.2#

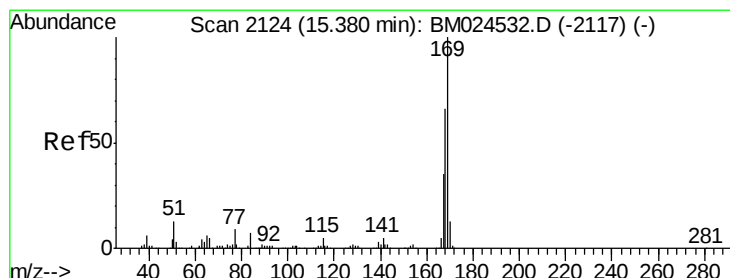
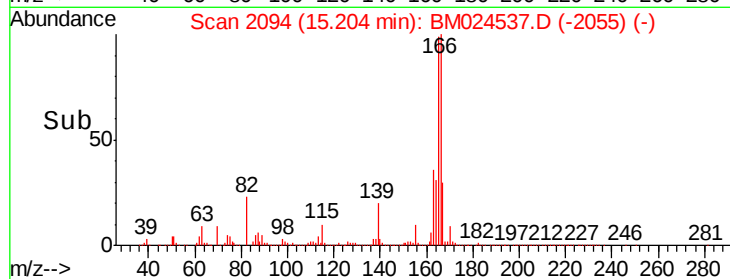
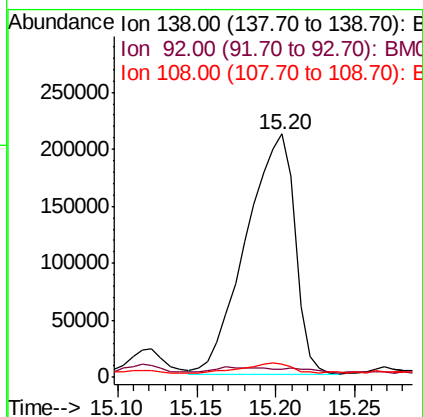
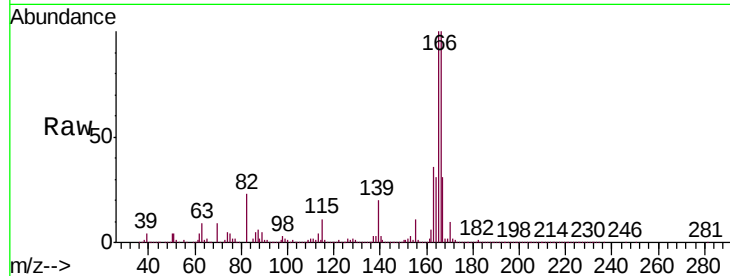




#61
4-Nitroaniline
Concen: 48.678 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. 0.03 min
Lab File: BM024537.D
Acq: 18 Jan 2020 16:00

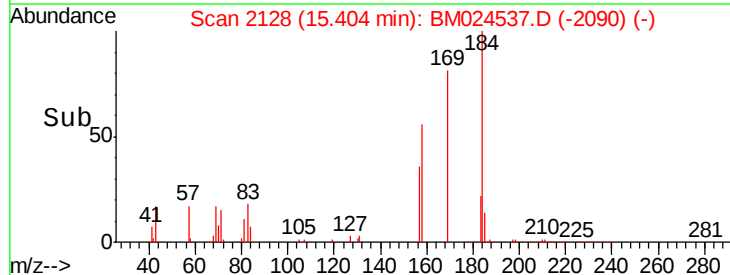
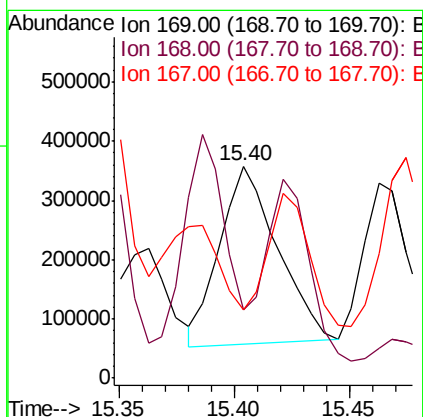
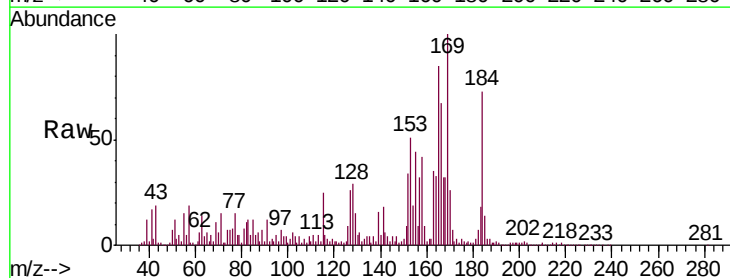
Instrument :
BNA_M
ClientSampleId :
GASH0

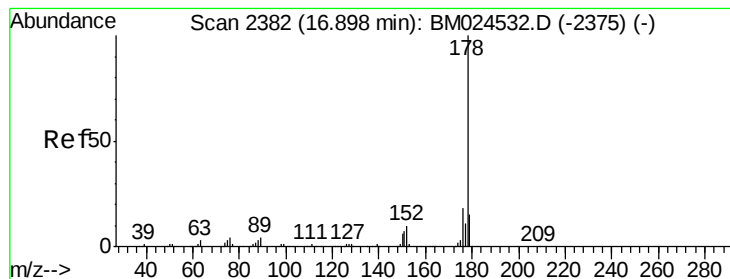
Tgt Ion:138 Resp: 454316
Ion Ratio Lower Upper
138 100
92 3.2 41.5 62.3#
108 5.3 77.3 115.9#



#65
N-Nitrosodiphenylamine
Concen: 31.605 ng/ul
RT: 15.40 min Scan# 2128
Delta R.T. 0.02 min
Lab File: BM024537.D
Acq: 18 Jan 2020 16:00

Tgt Ion:169 Resp: 521924
Ion Ratio Lower Upper
169 100
168 32.4 52.6 79.0#
167 32.4 28.3 42.5





#70

Phenanthrene

Concen: 106.443 ng/ul

RT: 17.03 min Scan# 2404

Delta R.T. 0.13 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

Instrument :

BNA_M

ClientSampleId :

GASH0

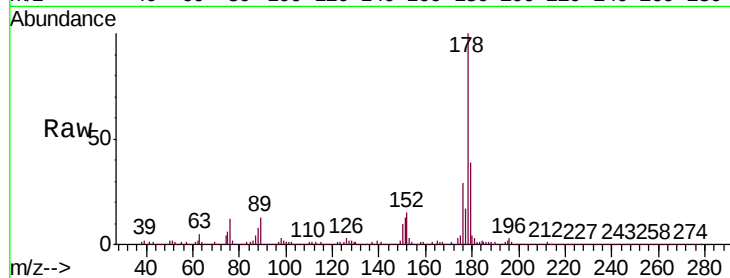
Tgt Ion:178 Resp: 3413086

Ion Ratio Lower Upper

178 100

179 39.1 12.3 18.5#

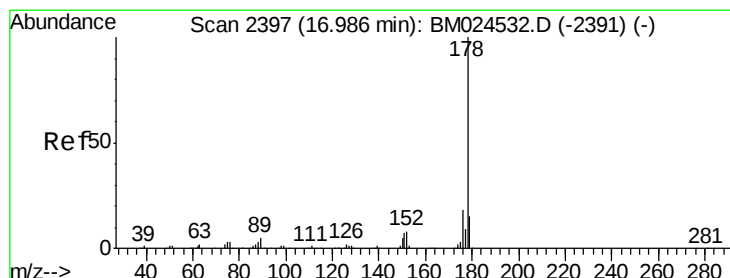
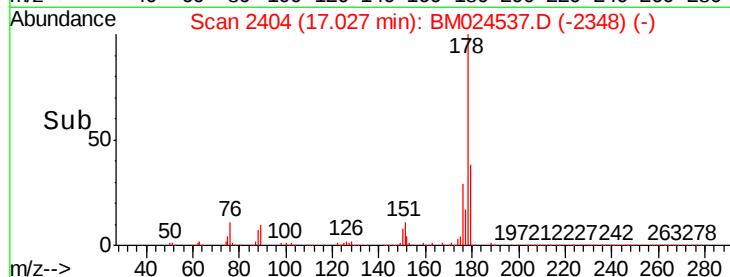
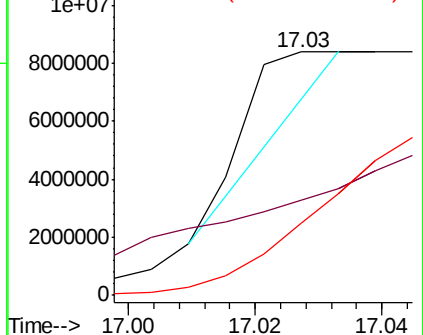
176 29.5 14.9 22.3#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 104.382 ng/ul

RT: 17.03 min Scan# 2404

Delta R.T. 0.04 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

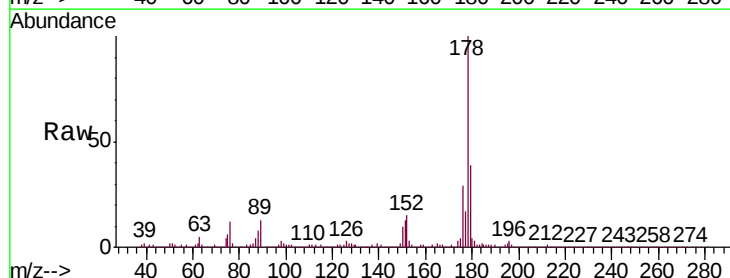
Tgt Ion:178 Resp: 3413086

Ion Ratio Lower Upper

178 100

179 39.1 12.3 18.5#

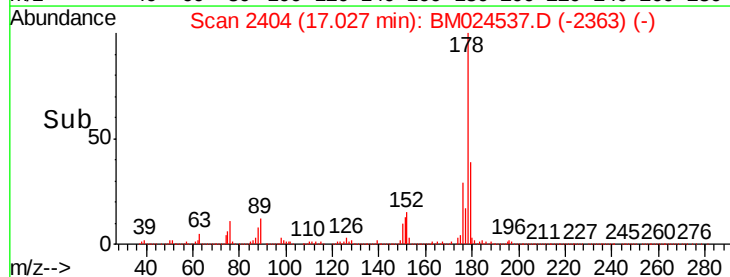
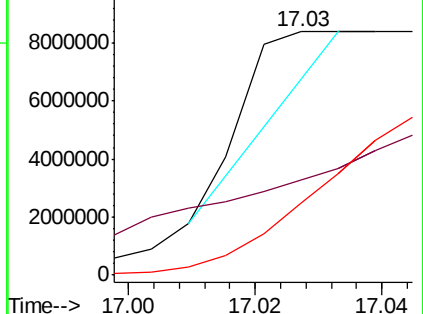
176 29.5 14.6 22.0#

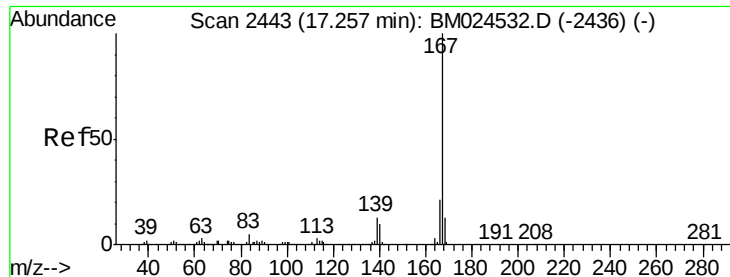


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 1.031 ng/ul

RT: 17.36 min Scan# 2460

Delta R.T. 0.10 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

Instrument :

BNA_M

ClientSampleId :

GASH0

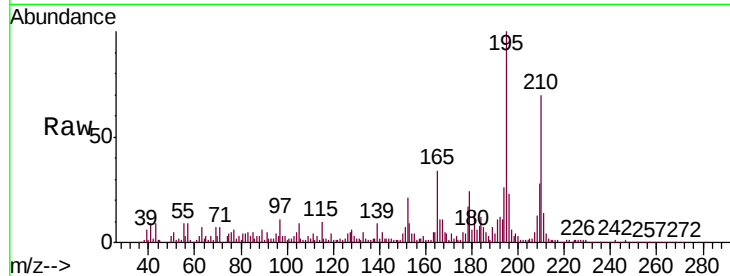
Tgt Ion:167 Resp: 28365

Ion Ratio Lower Upper

167 100

166 103.5 17.1 25.7#

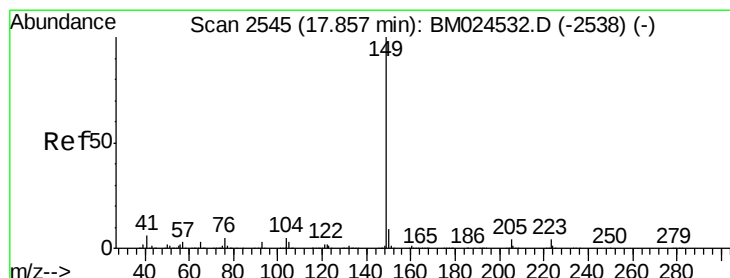
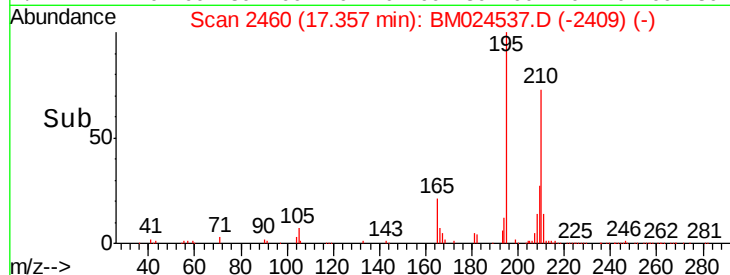
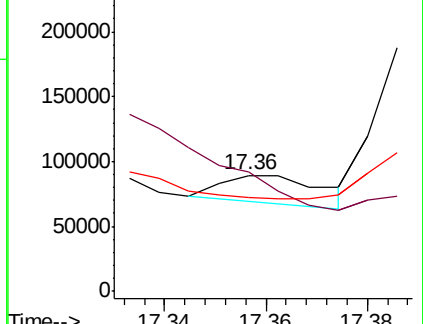
139 81.4 10.6 15.8#



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



#76

Di-n-butylphthalate

Concen: 2.463 ng/ul

RT: 17.91 min Scan# 2554

Delta R.T. 0.05 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

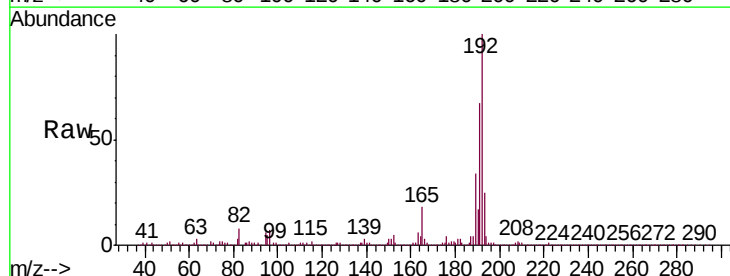
Tgt Ion:149 Resp: 85180

Ion Ratio Lower Upper

149 100

150 500.8 7.4 11.2#

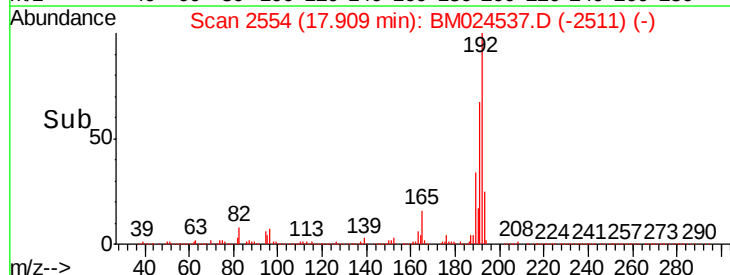
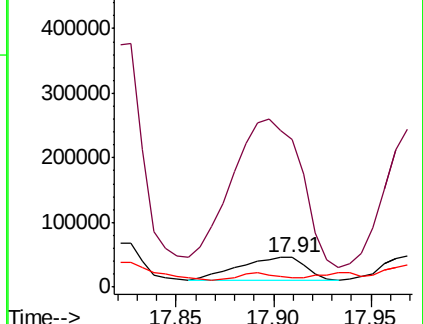
104 31.1 4.4 6.6#

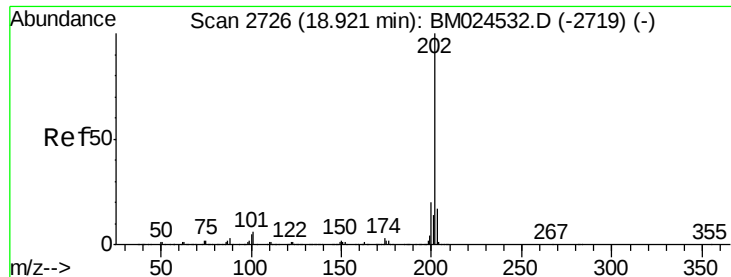


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

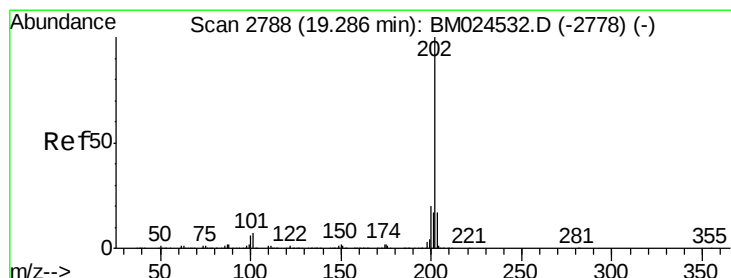
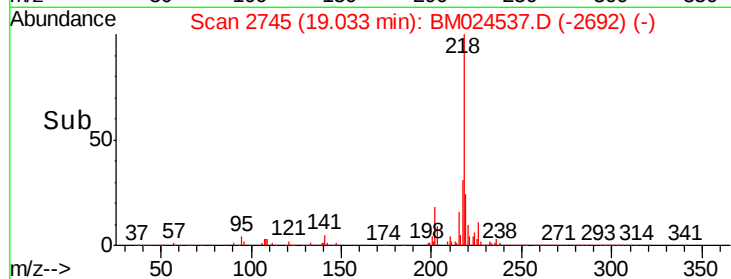
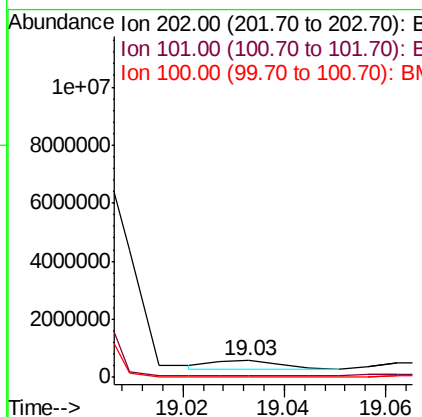
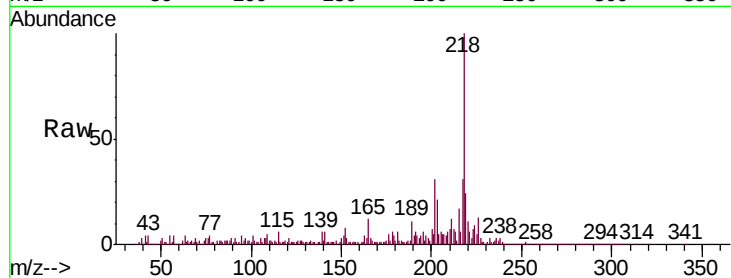




#77
 Fluoranthene
 Concen: 6.495 ng/ul
 RT: 19.03 min Scan# 2745
 Delta R.T. 0.11 min
 Lab File: BM024537.D
 Acq: 18 Jan 2020 16:00

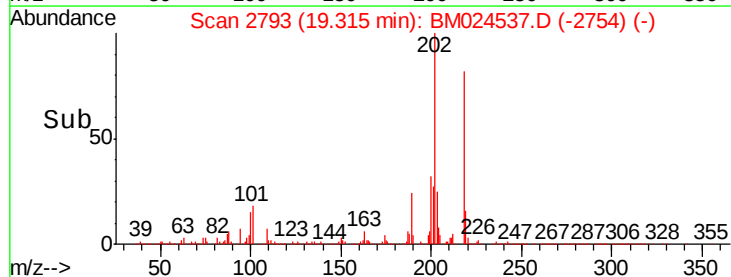
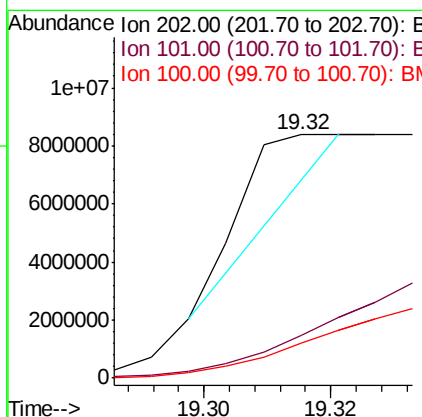
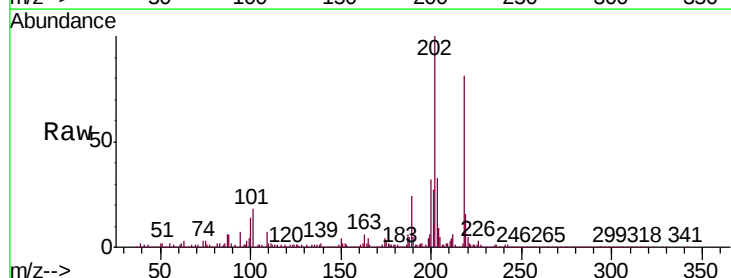
Instrument :
 BNA_M
 ClientSampleId :
 GASH0

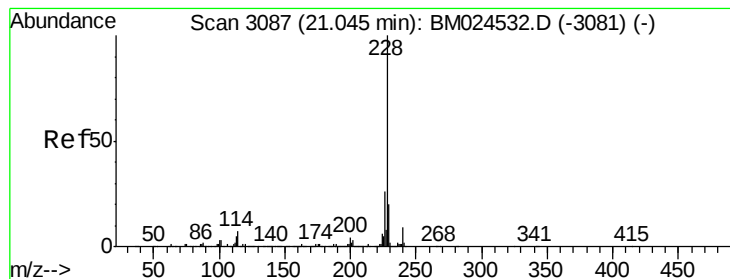
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	5.4	8.2#
100	4.5	4.3	6.5



#80
 Pyrene
 Concen: 29.692 ng/ul
 RT: 19.32 min Scan# 2793
 Delta R.T. 0.03 min
 Lab File: BM024537.D
 Acq: 18 Jan 2020 16:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.6	6.5	9.7#
100	14.2	5.0	7.6#





#83

Benzo(a)anthracene

Concen: 26.855 ng/ul

RT: 21.07 min Scan# 3092

Delta R.T. 0.03 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

Instrument :

BNA_M

ClientSampled :

GASH0

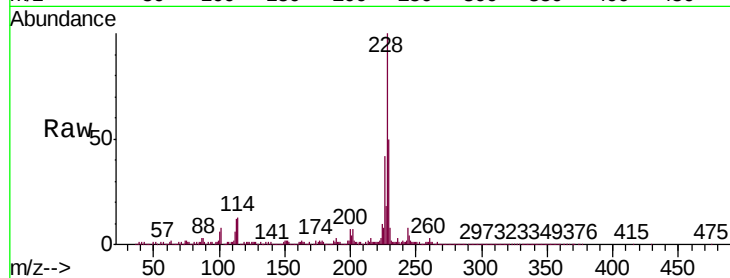
Tgt Ion:228 Resp: 3323165

Ion Ratio Lower Upper

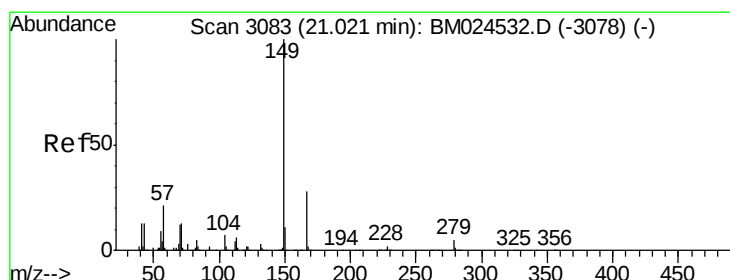
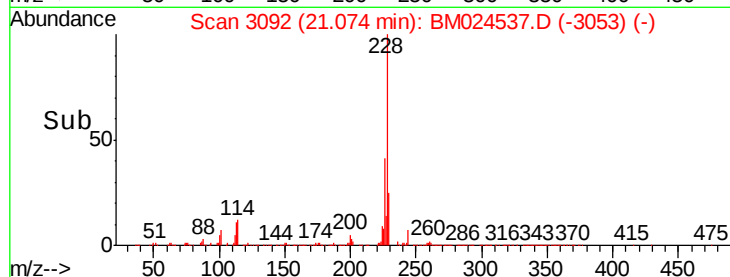
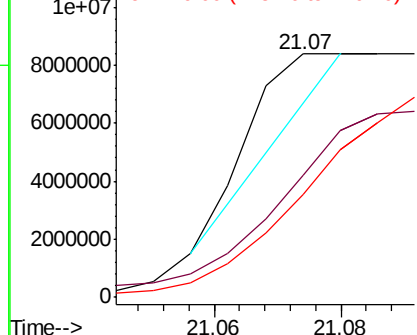
228 100

229 50.2 15.9 23.9#

226 42.2 21.1 31.7#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.500 ng/ul

RT: 21.10 min Scan# 3097

Delta R.T. 0.08 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

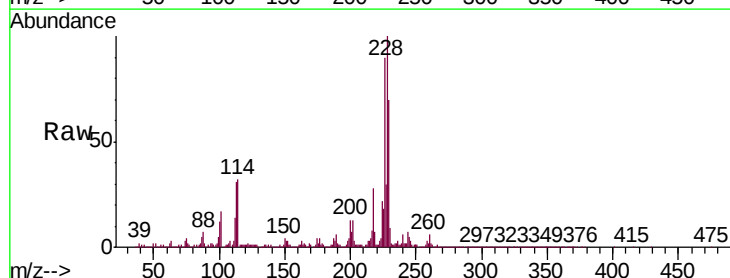
Tgt Ion:149 Resp: 241993

Ion Ratio Lower Upper

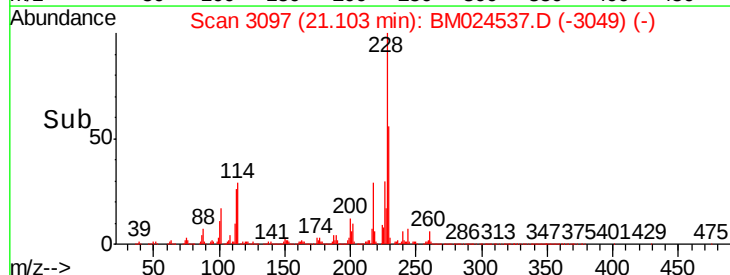
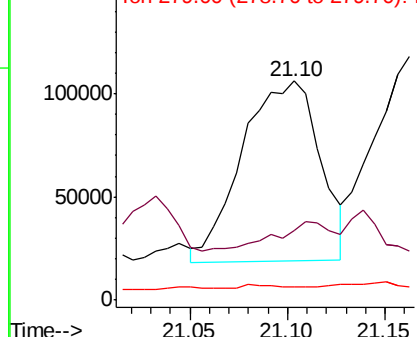
149 100

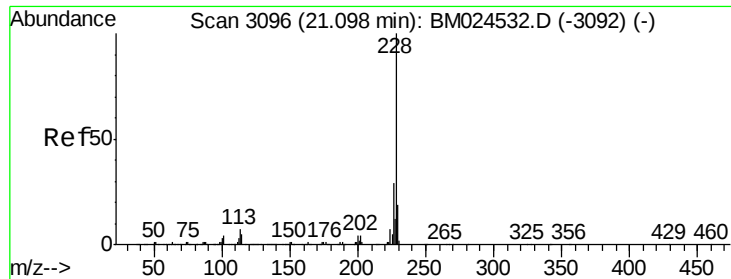
167 31.8 22.3 33.5

279 5.9 4.1 6.1



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

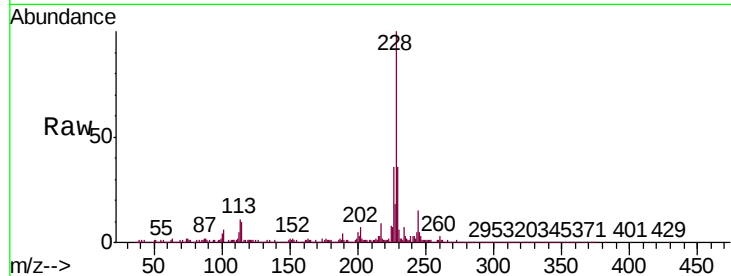




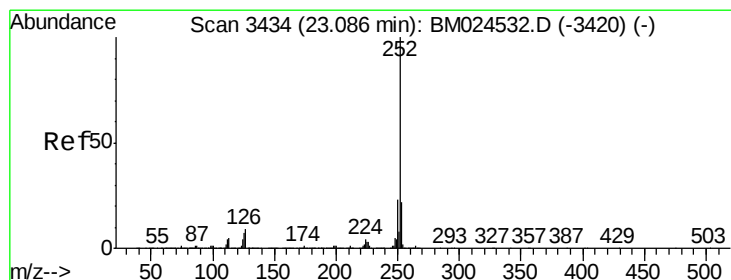
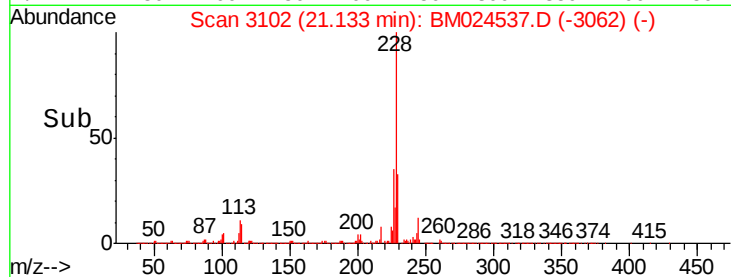
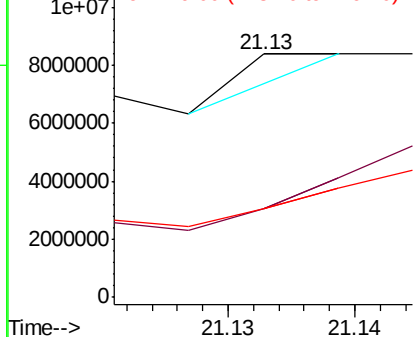
#85
Chrysene
Concen: 6.102 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. 0.04 min
Lab File: BM024537.D
Acq: 18 Jan 2020 16:00

Instrument :
BNA_M
ClientSampleId :
GASH0

Tgt Ion: 228 Resp: 727643
Ion Ratio Lower Upper
228 100
226 36.4 23.4 35.2#
229 36.5 16.1 24.1#

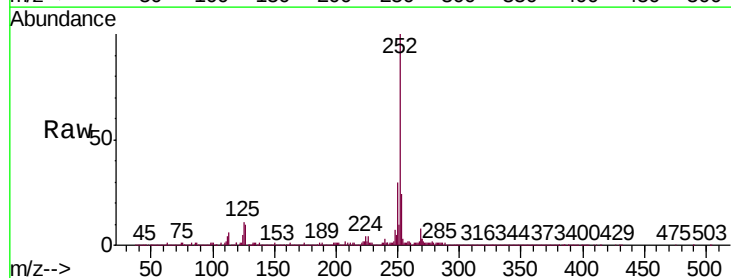


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

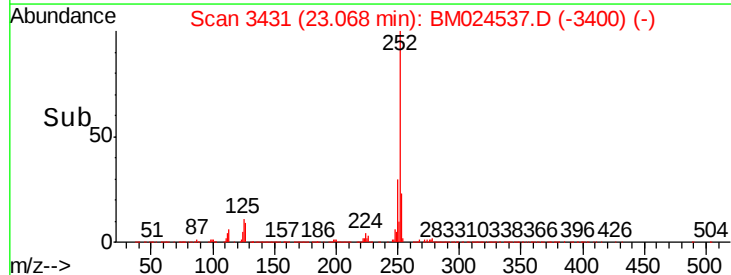
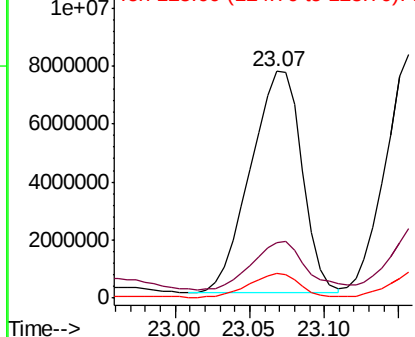


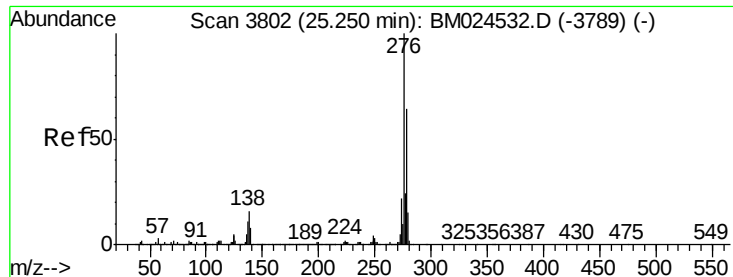
#91
Benzo(a)pyrene
Concen: 202.656 ng/ul
RT: 23.07 min Scan# 3431
Delta R.T. -0.02 min
Lab File: BM024537.D
Acq: 18 Jan 2020 16:00

Tgt Ion: 252 Resp: 18374522
Ion Ratio Lower Upper
252 100
253 24.5 17.5 26.3
125 11.1 5.7 8.5#



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



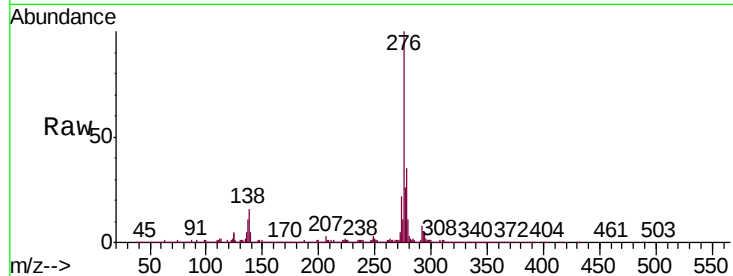


#92

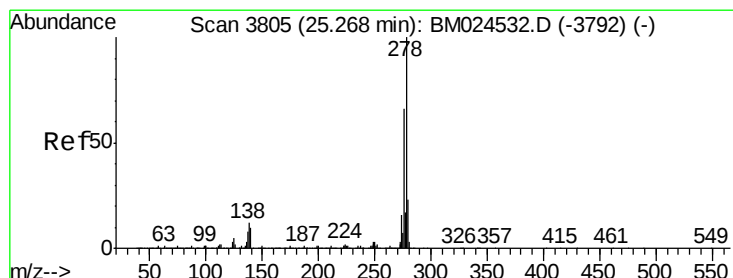
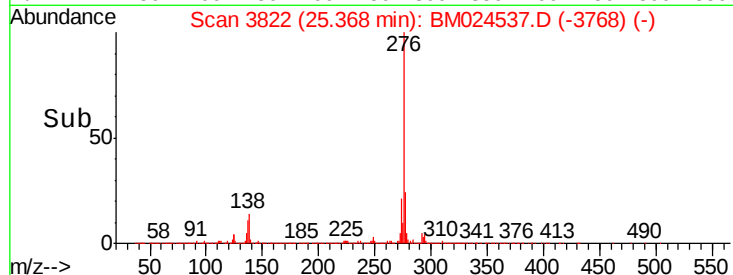
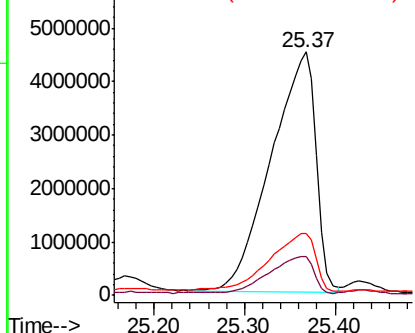
Indeno(1,2,3-cd)pyrene
Concen: 163.175 ng/u1
RT: 25.37 min Scan# 3822
Delta R.T. 0.12 min
Lab File: BM024537.D
Acq: 18 Jan 2020 16:00

Instrument :
BNA_M
ClientSampleId :
GASH0

Tgt Ion:276 Resp:15480278
Ion Ratio Lower Upper
276 100
138 16.0 12.5 18.7
277 25.7 19.0 28.6



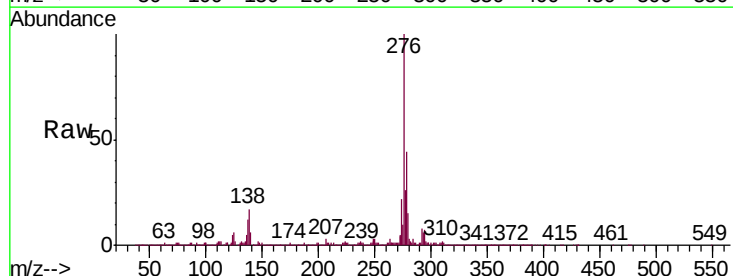
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



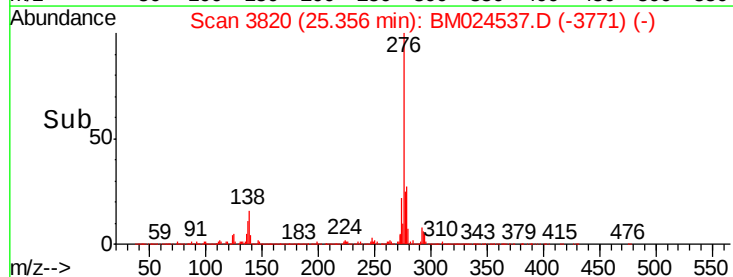
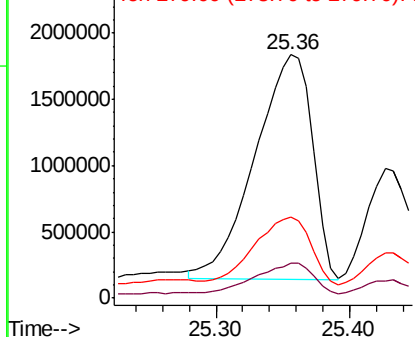
#93

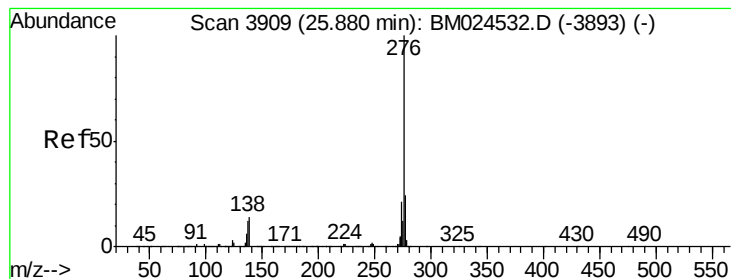
Dibenzo(a,h)anthracene
Concen: 63.084 ng/u1
RT: 25.36 min Scan# 3820
Delta R.T. 0.09 min
Lab File: BM024537.D
Acq: 18 Jan 2020 16:00

Tgt Ion:278 Resp: 5079257
Ion Ratio Lower Upper
278 100
139 14.3 8.7 13.1#
279 33.6 18.6 27.8#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 151.769 ng/ul

RT: 26.00 min Scan# 3930

Delta R.T. 0.12 min

Lab File: BM024537.D

Acq: 18 Jan 2020 16:00

Instrument :

BNA_M

ClientSampleId :

GASH0

Tgt Ion:276 Resp:11443016

Ion Ratio Lower Upper

276 100

138 15.2 12.2 18.2

277 25.3 18.8 28.2

