

Data File : BM024202.D
Acq On : 20 Dec 2019 14:16
Operator : JU
Sample : K4649-02MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5167MS

Quant Time: Dec 21 00:36:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	265984	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1173164	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	742870	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1501647	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1403118	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1549915	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	55683	9.25	ng/uL	0.00
5) Phenol-d5	6.63	99	504182	20.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	337393	22.34	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	391417	21.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	411803	20.00	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	189517	22.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	212670	22.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	411111	22.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	515015	23.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1258459	22.91	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1464132	22.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	178278	18.08	ng/ul	0.00
58) Fluorene-d10	15.10	176	1047909	21.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	186754	20.39	ng/ul	0.00
71) Anthracene-d10	16.96	188	1565608	22.91	ng/ul	0.00
79) Pyrene-d10	19.26	212	1619935	24.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1792627	23.28	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.02	88	59069	8.857	ng/ul 90
4) Benzaldehyde	6.59	77	345479	21.219	ng/ul 99
6) Phenol	6.66	94	524215	20.157	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.88	93	431410	21.409	ng/ul 99
10) 2-Chlorophenol	7.00	128	405829	22.029	ng/ul 98
11) 2-Methylphenol	7.89	108	385335	19.928	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	7.98	45	532822	22.958	ng/ul 99
14) Acetophenone	8.26	105	656099	21.133	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.25	70	377739	22.024	ng/ul 98
16) 4-Methylphenol	8.22	108	431499	20.100	ng/ul 99
17) Hexachloroethane	8.49	117	174973	23.011	ng/ul 95
20) Nitrobenzene	8.63	77	514544	21.959	ng/ul 99
21) Isophorone	9.16	82	977385	22.316	ng/ul 100
23) 2-Nitrophenol	9.33	139	231098	22.647	ng/ul 92
24) 2,4-Dimethylphenol	9.41	107	495261	22.499	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.64	93	616673	22.664	ng/ul 99
27) 2,4-Dichlorophenol	9.87	162	394827	22.388	ng/ul 99
28) Naphthalene	10.25	128	1342018	21.830	ng/ul 100
30) 4-Chloroaniline	10.38	127	529811	23.986	ng/ul 99
31) Hexachlorobutadiene	10.54	225	251574	23.075	ng/ul 99
32) Caprolactam	11.17	113	52384	7.861	ng/ul 96
33) 4-Chloro-3-methylphenol	11.52	107	451961	21.357	ng/ul 96
34) 2-Methylnaphthalene	11.88	142	973762	22.160	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	967624	21.574	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	474883	23.648	ng/ul	98
38) Hexachlorocyclopentadiene	12.23	237	133159	14.716	ng/ul	95
39) 2,4,6-Trichlorophenol	12.52	196	308201	23.206	ng/ul	97
40) 2,4,5-Trichlorophenol	12.60	196	323148	22.571	ng/ul	98
41) 1,1'-Biphenyl	12.92	154	1288909	23.244	ng/ul	99
42) 2-Chloronaphthalene	12.96	162	971310	22.295	ng/ul	99
43) 2-Nitroaniline	13.18	65	284607	22.281	ng/ul	94
45) Dimethylphthalate	13.57	163	1235630	21.643	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	242829	21.592	ng/ul	97
48) Acenaphthylene	13.82	152	1479372	21.169	ng/ul	99
49) 3-Nitroaniline	14.02	138	227335	21.299	ng/ul	95
50) Acenaphthene	14.16	153	1045572	21.760	ng/ul	100
51) 2,4-Dinitrophenol	14.26	184	105660	16.719	ng/ul	96
53) 4-Nitrophenol	14.36	109	146233	18.593	ng/ul	99
54) Dibenzofuran	14.50	168	1480952	22.170	ng/ul	100
55) 2,4-Dinitrotoluene	14.50	165	356051	20.964	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.74	232	284042	21.945	ng/ul	95
57) Diethylphthalate	14.95	149	1297191	22.348	ng/ul	100
59) Fluorene	15.16	166	1202105	21.310	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.16	204	594600	21.676	ng/ul	99
61) 4-Nitroaniline	15.20	138	198319	16.828	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.27	198	199243	20.364	ng/ul	99
65) N-Nitrosodiphenylamine	15.38	169	1043855	23.908	ng/ul	99
66) 4-Bromophenyl-phenylether	16.06	248	385372	24.144	ng/ul	98
67) Hexachlorobenzene	16.17	284	447508	22.897	ng/ul	97
68) Atrazine	16.35	200	359398	22.144	ng/ul	99
69) Pentachlorophenol	16.52	266	207451	20.256	ng/ul	98
70) Phenanthrene	16.90	178	1857452	22.094	ng/ul	99
72) Anthracene	16.99	178	1890825	22.372	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	475248	25.217	ng/uL	98
74) Pentachlorobenzene	14.43	250	508313	24.490	ng/uL	97
75) Carbazole	17.27	167	1622711	22.350	ng/ul	99
76) Di-n-butylphthalate	17.85	149	2156469	24.766	ng/ul	99
77) Fluoranthene	18.93	202	2045265	22.321	ng/ul	99
80) Pyrene	19.29	202	2102268	22.950	ng/ul	99
81) Butylbenzylphthalate	20.22	149	945084	26.189	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.00	252	716002	22.987	ng/ul	100
83) Benzo(a)anthracene	21.06	228	2056829	23.008	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1494884	27.797	ng/ul	100
85) Chrysene	21.10	228	1930368	22.030	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2420172	28.900	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2165217	23.348	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	2021908	22.220	ng/ul	99
91) Benzo(a)pyrene	23.11	252	2017587	24.049	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2385411	23.679	ng/ul	100
93) Dibenzo(a,h)anthracene	25.31	278	2010677	23.807	ng/ul	99
94) Benzo(g,h,i)perylene	25.94	276	1983454	24.115	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121919\
Quantitation Report (Not Reviewed)

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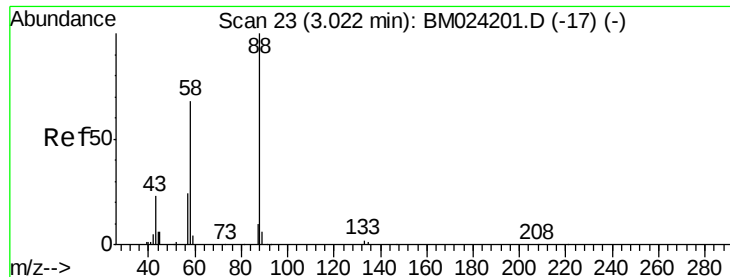
Quant Time: Dec 21 00:36:47 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quant Time: Dec 21 00:36:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
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#2

1,4-Dioxane

Concen: 8.857 ng/uL

RT: 3.02 min Scan# 23

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

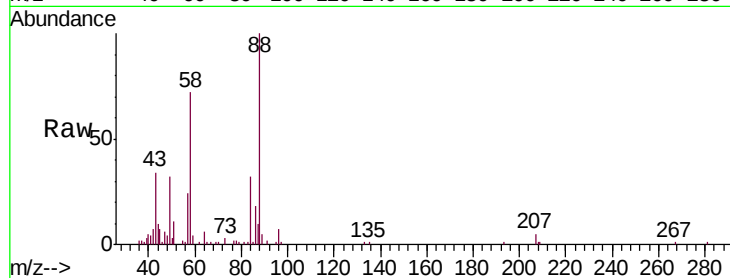
Tgt Ion: 88 Resp: 59069

Ion Ratio Lower Upper

88 100

43 34.0 25.9 38.9

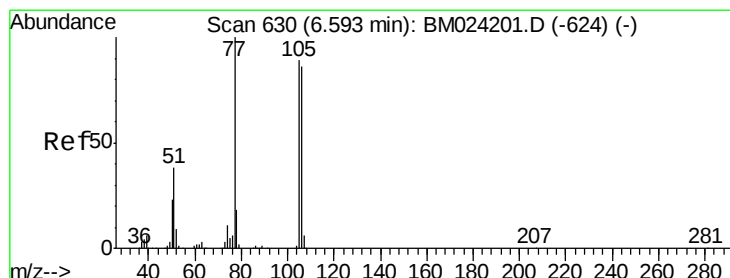
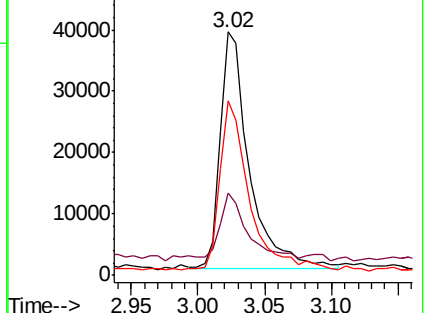
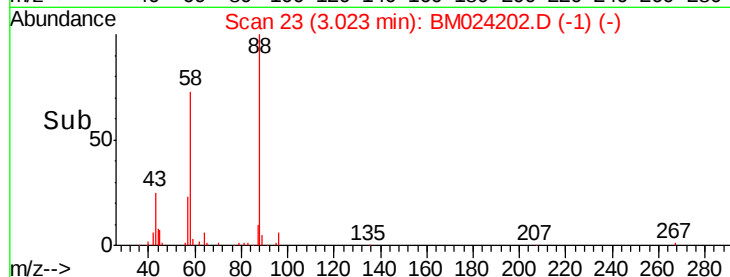
58 71.7 48.8 73.2



Abundance Ion 88.00 (87.70 to 88.70): BM024202.D (-1)

Ion 43.00 (42.70 to 43.70): BM024202.D (-1)

Ion 58.00 (57.70 to 58.70): BM024202.D (-1)



#4

Benzaldehyde

Concen: 21.219 ng/uL

RT: 6.59 min Scan# 630

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

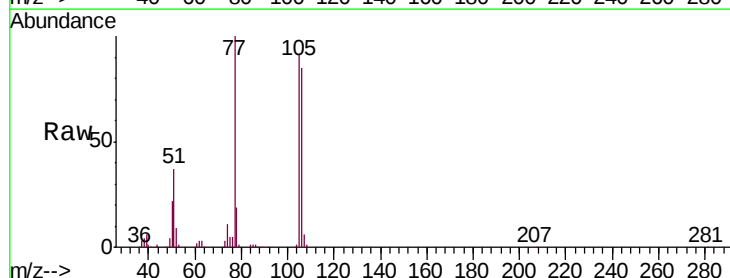
Tgt Ion: 77 Resp: 345479

Ion Ratio Lower Upper

77 100

105 91.4 72.2 108.2

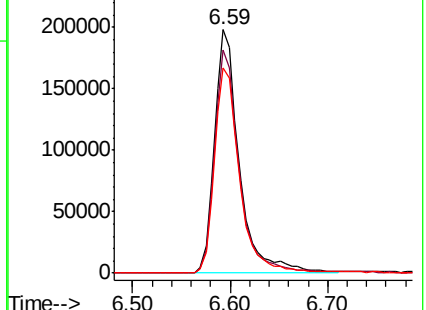
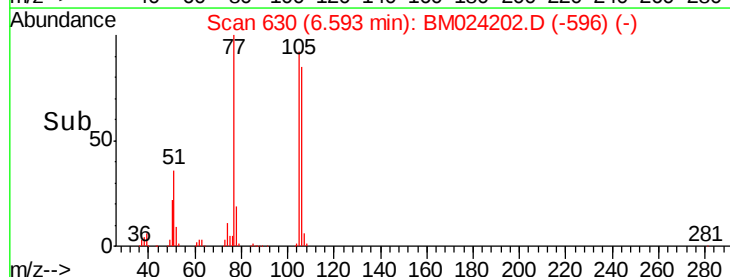
106 84.5 67.3 100.9

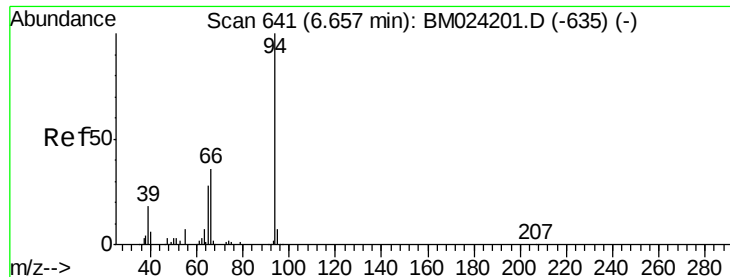


Abundance Ion 77.00 (76.70 to 77.70): BM024202.D (-596)

Ion 105.00 (104.70 to 105.70): BM024202.D (-596)

Ion 106.00 (105.70 to 106.70): BM024202.D (-596)





#6

Phenol

Concen: 20.157 ng/ul

RT: 6.66 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

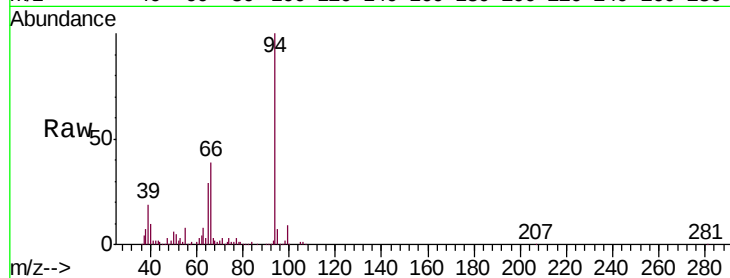
Tgt Ion: 94 Resp: 524215

Ion Ratio Lower Upper

94 100

65 28.9 22.6 33.8

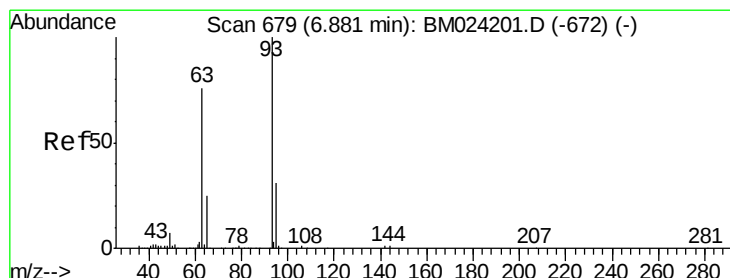
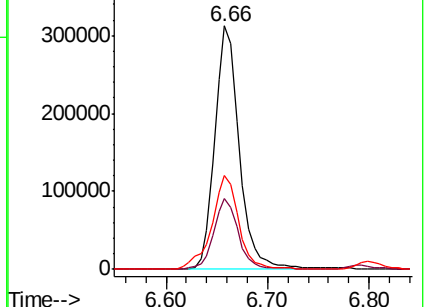
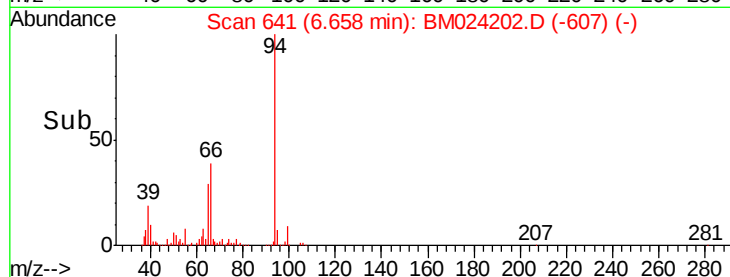
66 38.6 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM024202.D (-607) (-)

Ion 65.00 (64.70 to 65.70): BM024202.D (-607) (-)

Ion 66.00 (65.70 to 66.70): BM024202.D (-607) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 21.409 ng/ul

RT: 6.88 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

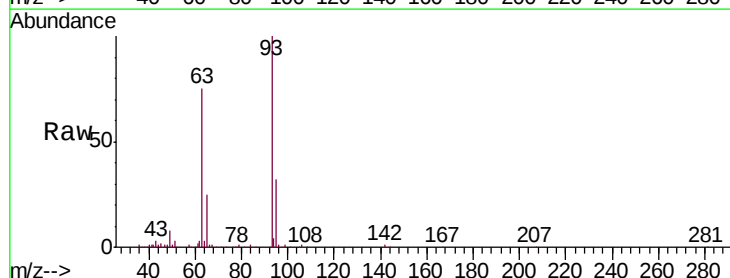
Tgt Ion: 93 Resp: 431410

Ion Ratio Lower Upper

93 100

63 75.3 59.8 89.6

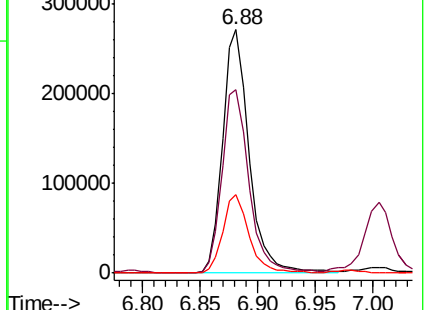
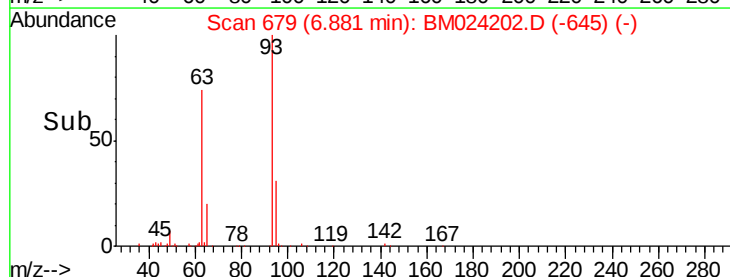
95 32.4 25.4 38.2

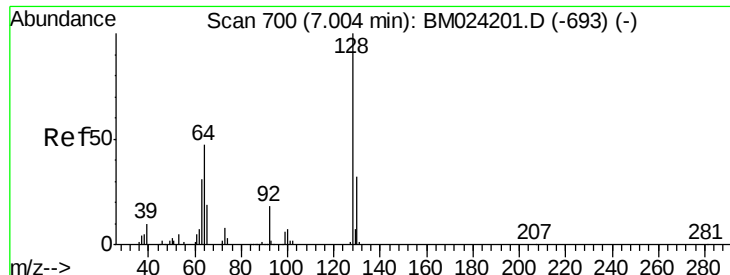


Abundance Ion 93.00 (92.70 to 93.70): BM024202.D (-645) (-)

Ion 63.00 (62.70 to 63.70): BM024202.D (-645) (-)

Ion 95.00 (94.70 to 95.70): BM024202.D (-645) (-)

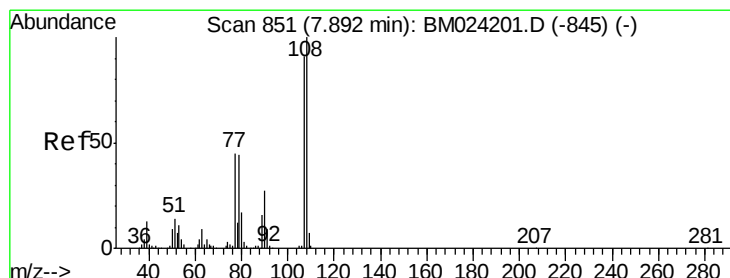
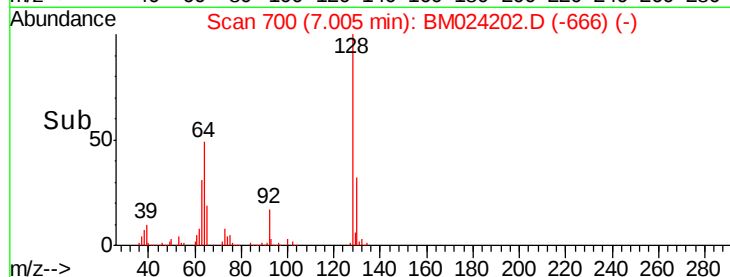
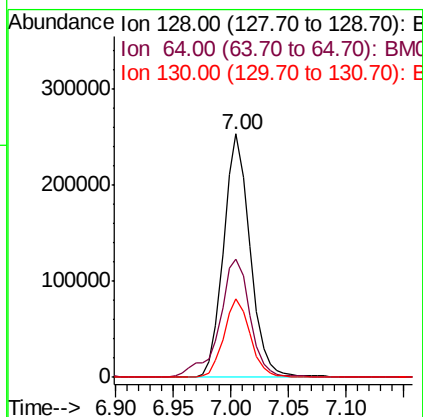
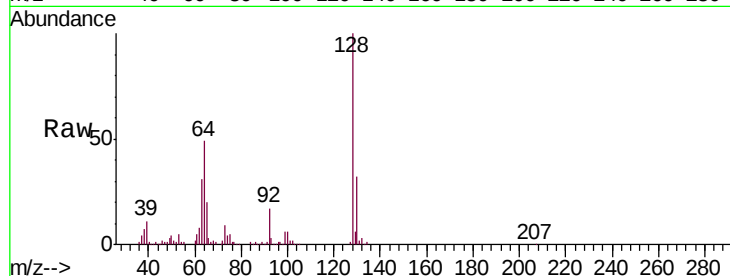




#10
 2-Chlorophenol
 Concen: 22.029 ng/ul
 RT: 7.00 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BM024202.D
 Acq: 20 Dec 2019 14:16

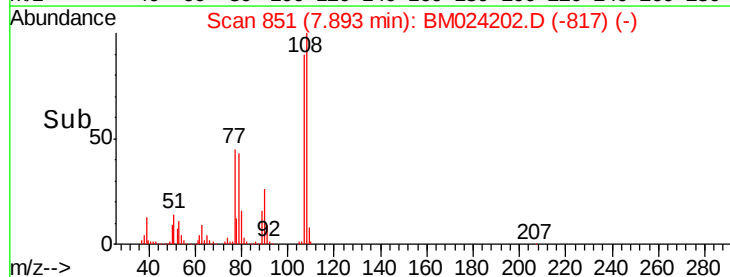
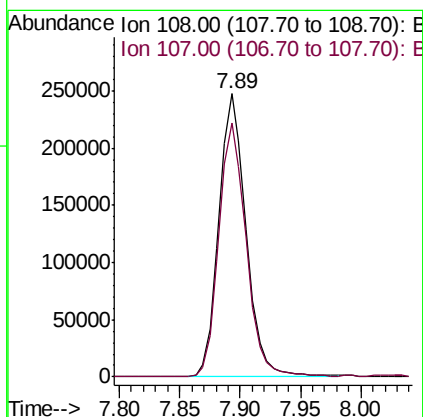
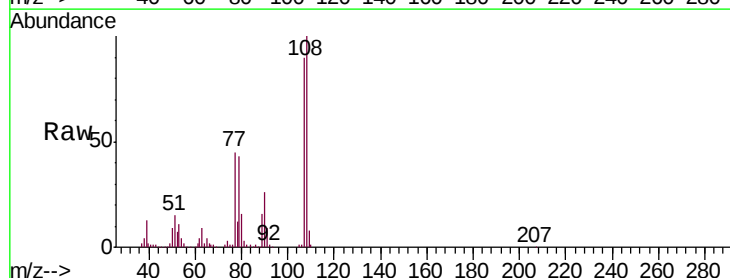
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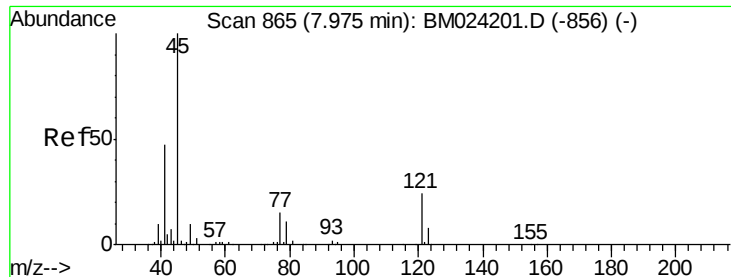
Tgt Ion	Ratio	Lower	Upper
128	100		
64	48.8	40.6	61.0
130	32.1	25.1	37.7



#11
 2-Methylphenol
 Concen: 19.928 ng/ul
 RT: 7.89 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BM024202.D
 Acq: 20 Dec 2019 14:16

Tgt Ion	Ratio	Lower	Upper
108	100		
107	89.8	72.7	109.1

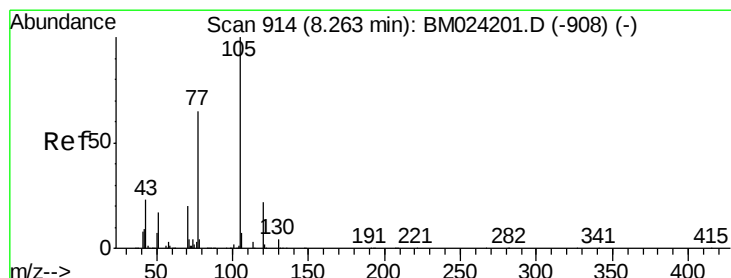
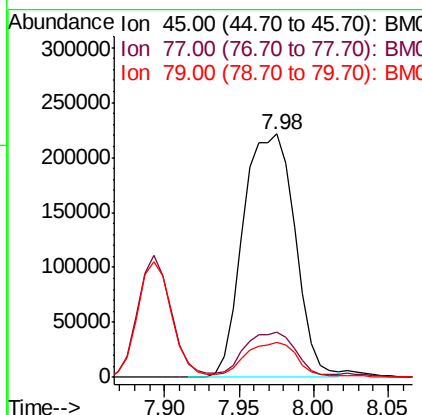
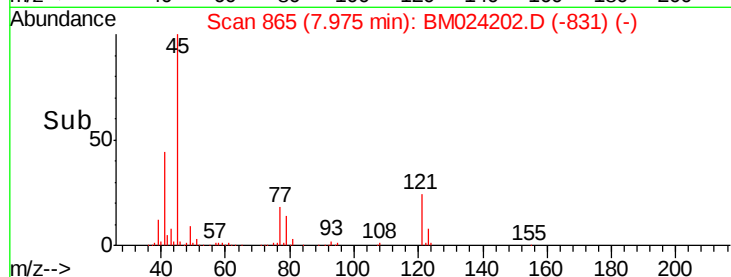
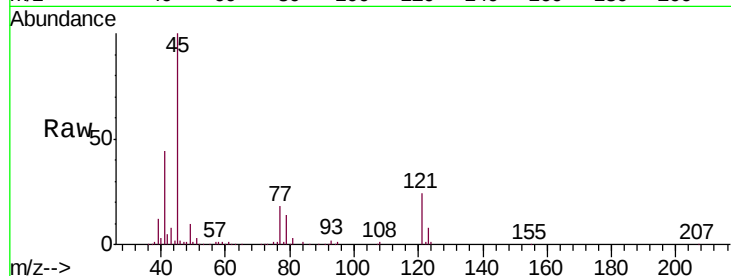




#12
2,2'-oxybis(1-chloropropane)
Concen: 22.958 ng/ul
RT: 7.98 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

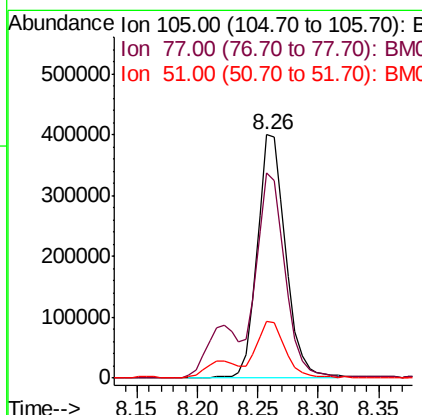
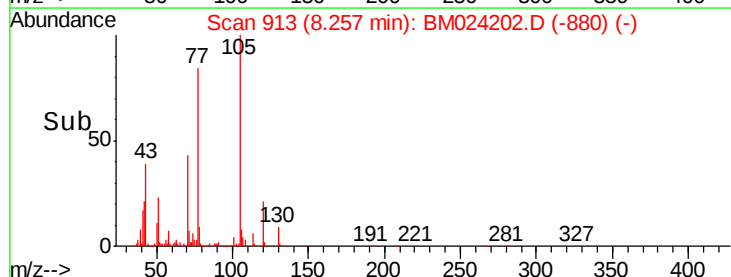
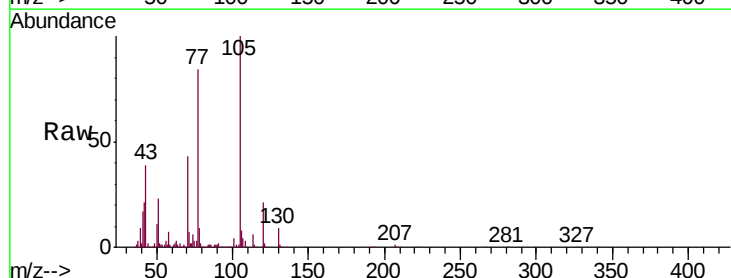
Instrument :
BNA_M
ClientSampled :
A5167MS

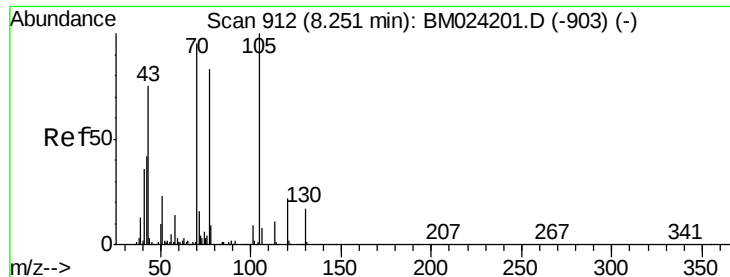
Tgt Ion: 45 Resp: 532822
Ion Ratio Lower Upper
45 100
77 18.3 14.6 21.8
79 14.4 11.8 17.8



#14
Acetophenone
Concen: 21.133 ng/ul
RT: 8.26 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Tgt Ion: 105 Resp: 656099
Ion Ratio Lower Upper
105 100
77 84.3 65.6 98.4
51 23.4 18.3 27.5





#15

N-Nitroso-di-n-propylamine

Concen: 22.024 ng/ul

RT: 8.25 min Scan# 912

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 70 Resp: 377739

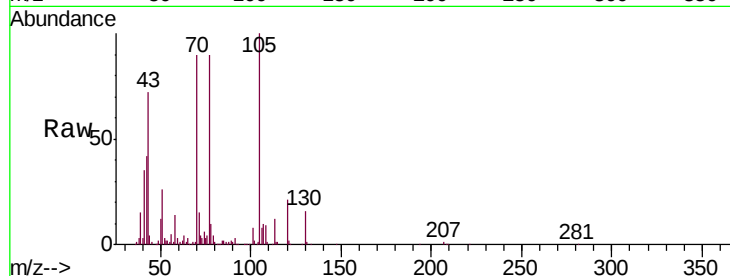
Ion Ratio Lower Upper

70 100

42 46.2 36.2 54.4

101 9.4 7.7 11.5

130 18.0 15.3 22.9

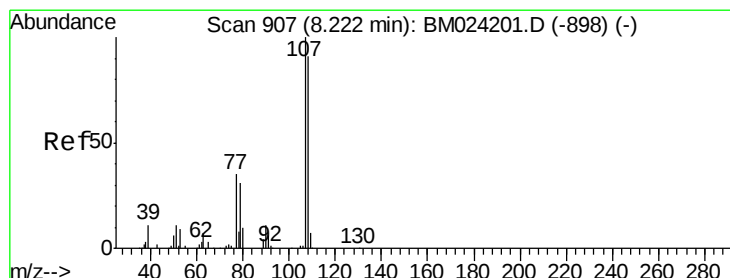
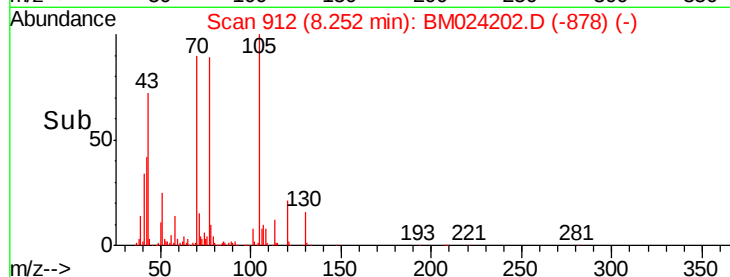
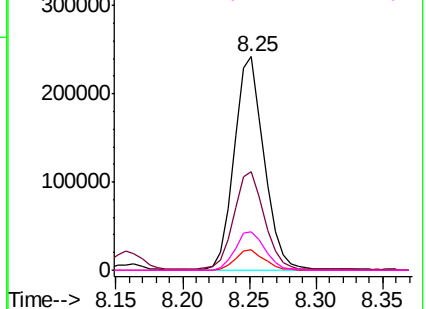


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 20.100 ng/ul

RT: 8.22 min Scan# 907

Delta R.T. 0.00 min

Lab File: BM024202.D

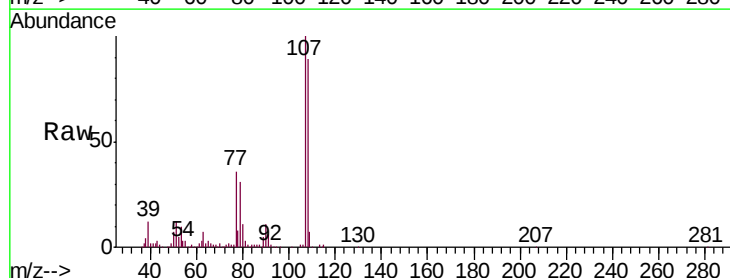
Acq: 20 Dec 2019 14:16

Tgt Ion: 108 Resp: 431499

Ion Ratio Lower Upper

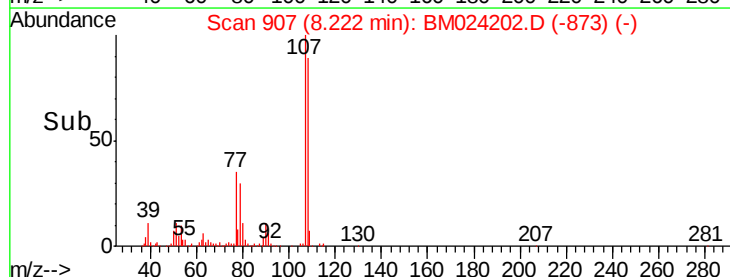
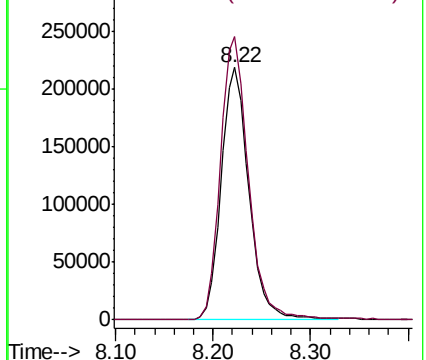
108 100

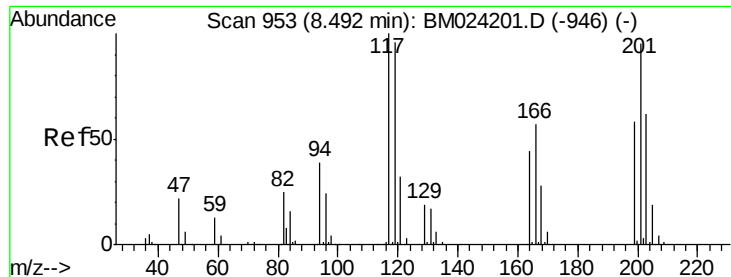
107 112.3 89.1 133.7



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 23.011 ng/ul

RT: 8.49 min Scan# 953

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

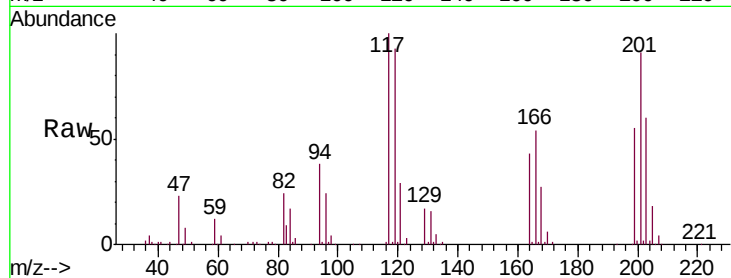
Tgt Ion:117 Resp: 174973

Ion Ratio Lower Upper

117 100

201 90.7 74.8 112.2

199 54.6 49.0 73.6

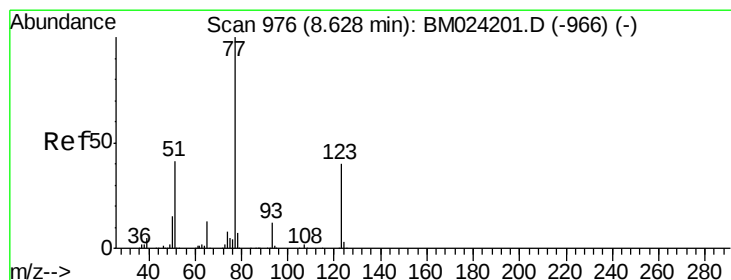
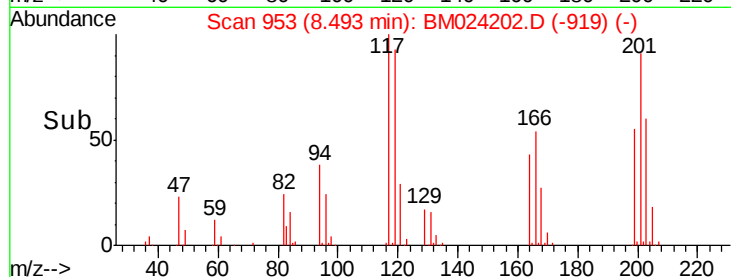
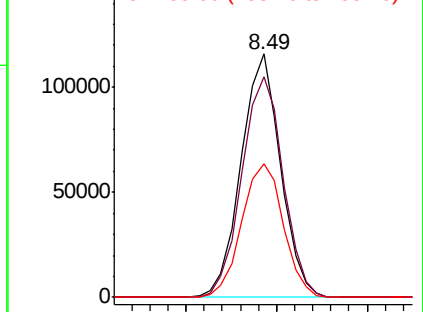


Abundance

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: 21.959 ng/ul

RT: 8.63 min Scan# 976

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

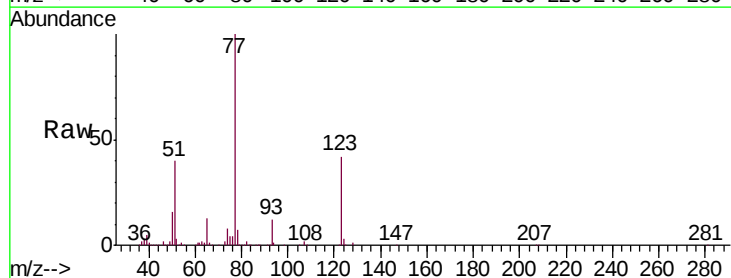
Tgt Ion: 77 Resp: 514544

Ion Ratio Lower Upper

77 100

123 41.7 32.6 49.0

65 12.8 9.9 14.9

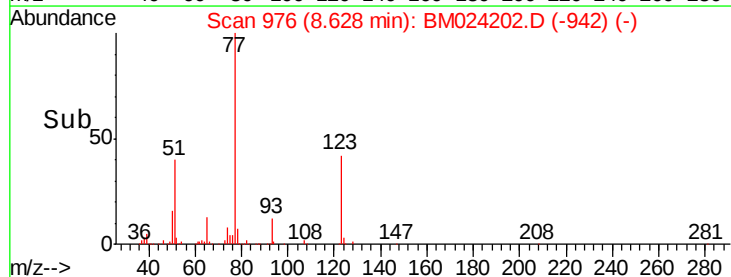
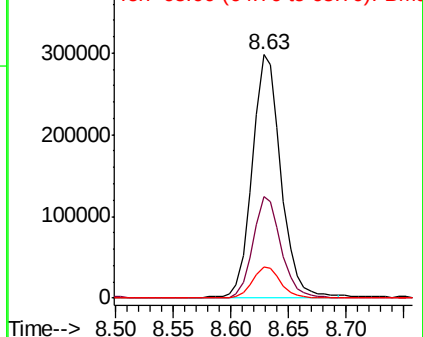


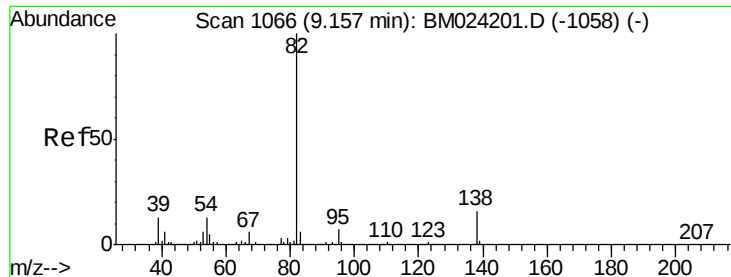
Abundance

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





#21

Isophorone

Concen: 22.316 ng/ul

RT: 9.16 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

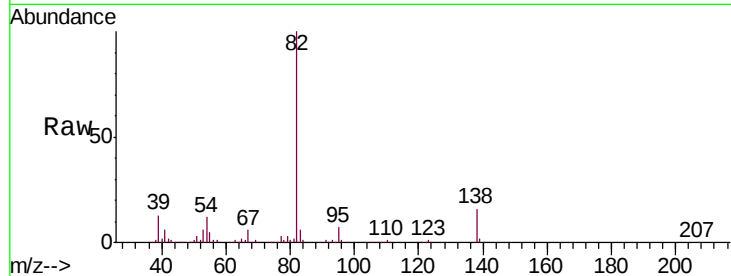
Tgt Ion: 82 Resp: 977385

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

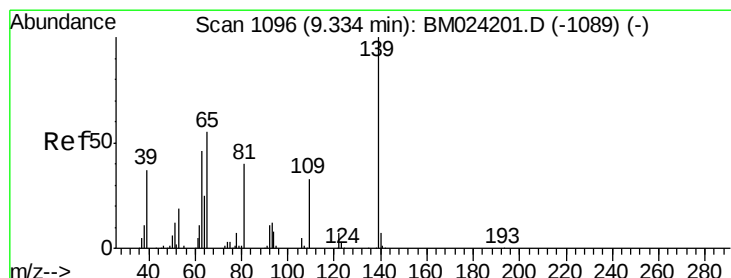
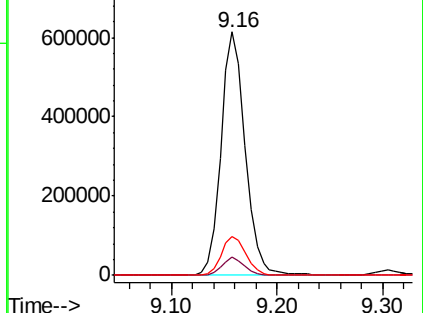
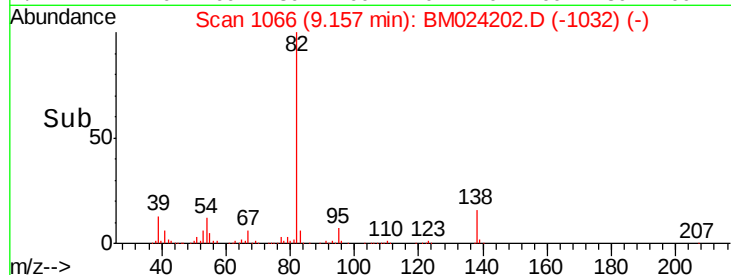
138 16.0 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BM024202.D (-1032) (-)

Ion 95.00 (94.70 to 95.70): BM024202.D (-1032) (-)

Ion 138.00 (137.70 to 138.70): BM024202.D (-1032) (-)



#23

2-Nitrophenol

Concen: 22.647 ng/ul

RT: 9.33 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

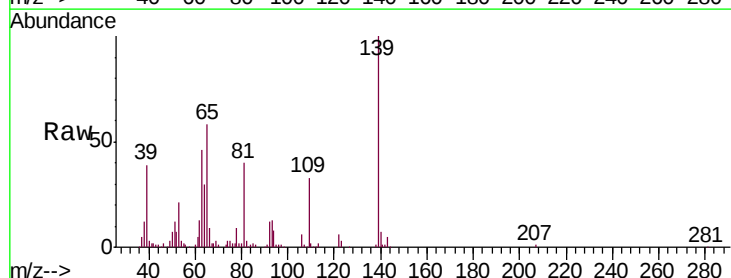
Tgt Ion: 139 Resp: 231098

Ion Ratio Lower Upper

139 100

65 58.0 40.2 60.2

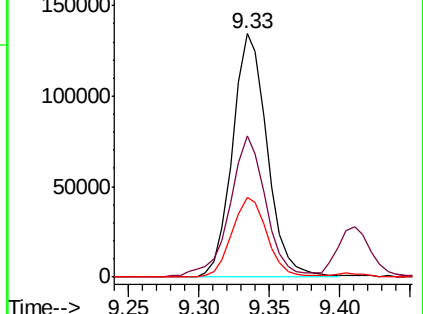
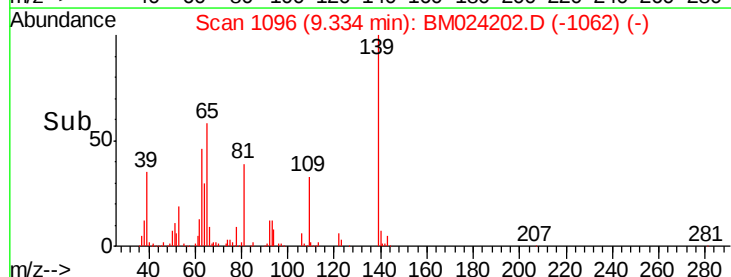
109 32.8 24.6 37.0

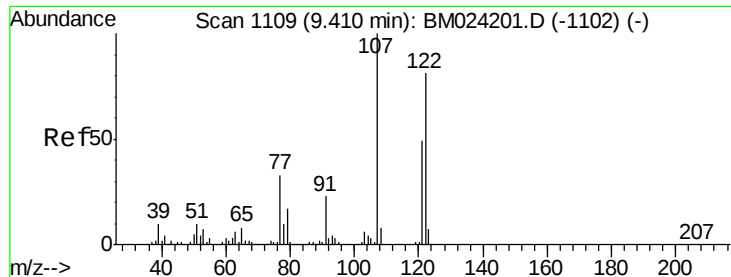


Abundance Ion 139.00 (138.70 to 139.70): BM024202.D (-1062) (-)

Ion 65.00 (64.70 to 65.70): BM024202.D (-1062) (-)

Ion 109.00 (108.70 to 109.70): BM024202.D (-1062) (-)





#24

2,4-Dimethylphenol

Concen: 22.499 ng/ul

RT: 9.41 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

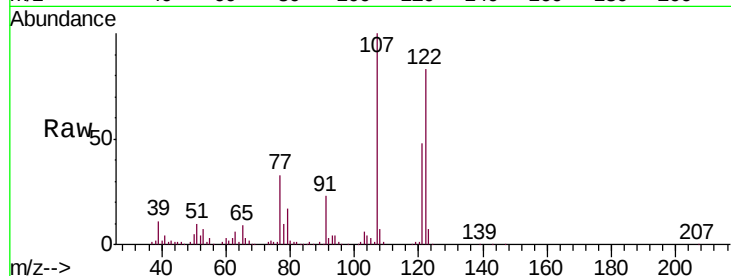
Tgt Ion: 107 Resp: 495261

Ion Ratio Lower Upper

107 100

121 48.1 38.6 57.8

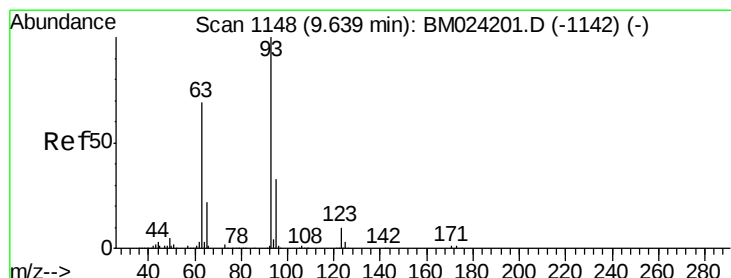
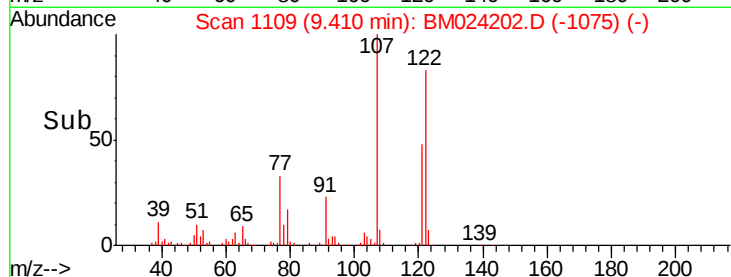
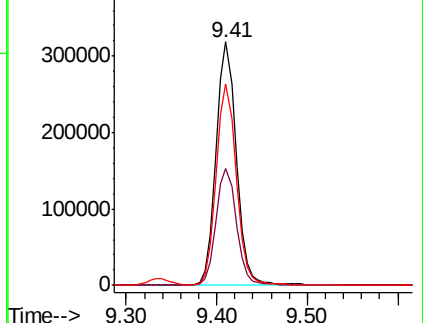
122 82.5 65.1 97.7



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: 22.664 ng/ul

RT: 9.64 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

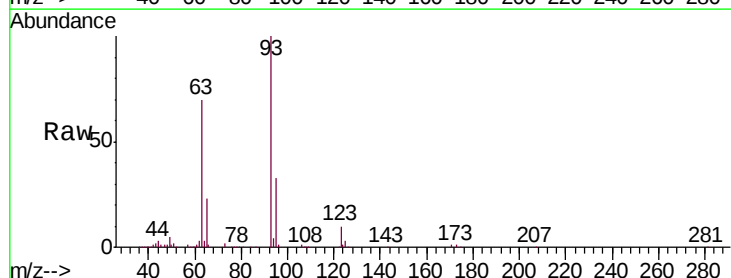
Tgt Ion: 93 Resp: 616673

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

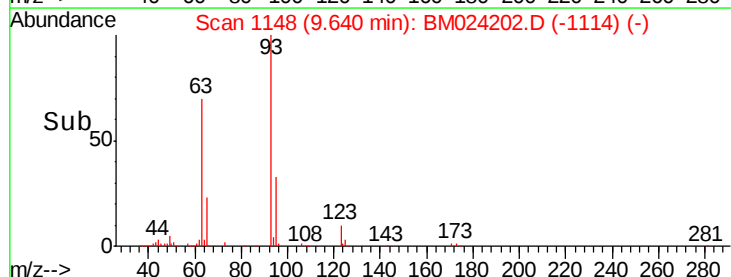
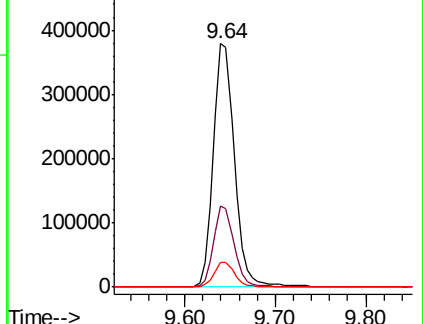
123 10.4 8.5 12.7

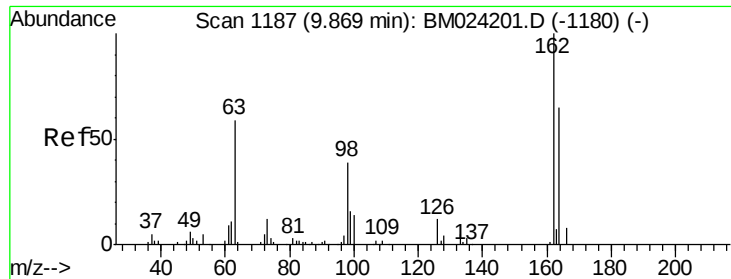


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

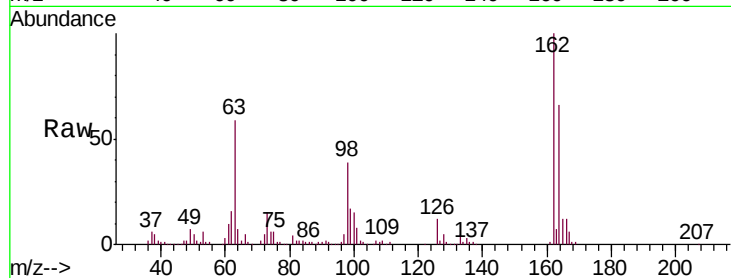




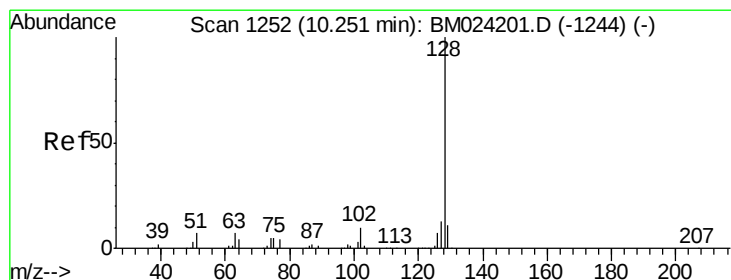
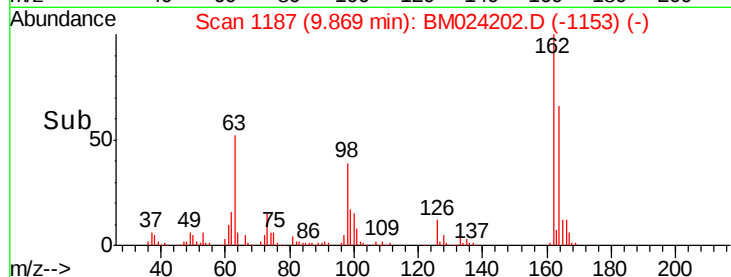
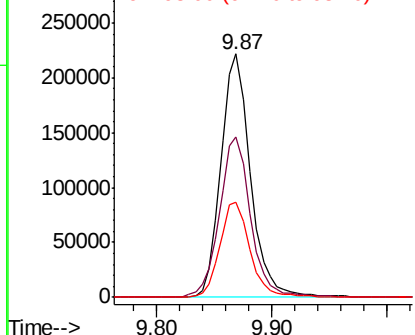
#27
2,4-Dichlorophenol
Concen: 22.388 ng/ul
RT: 9.87 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Instrument :
BNA_M
ClientSampleId :
A5167MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.0	51.8	77.6
98	38.9	31.7	47.5

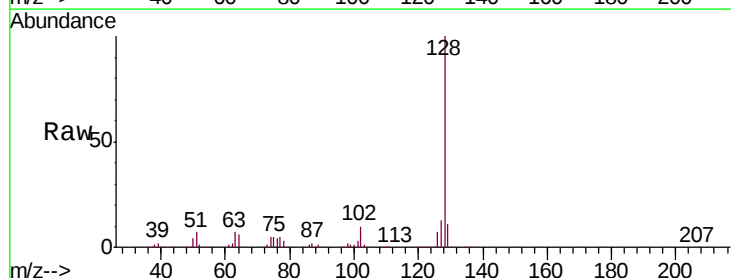


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

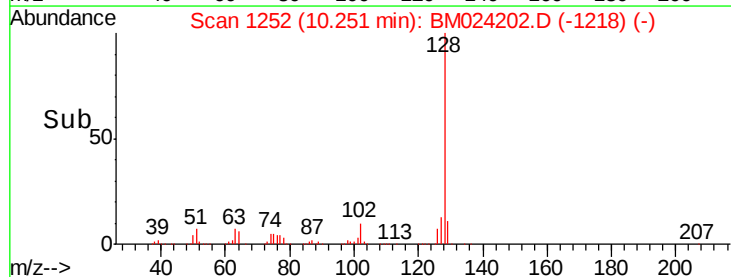
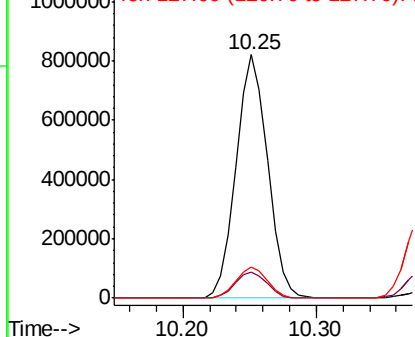


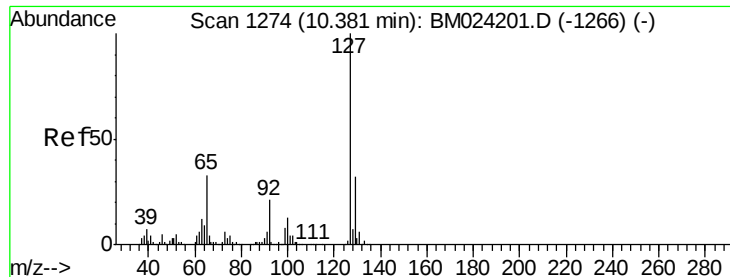
#28
Naphthalene
Concen: 21.830 ng/ul
RT: 10.25 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.3	15.5



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

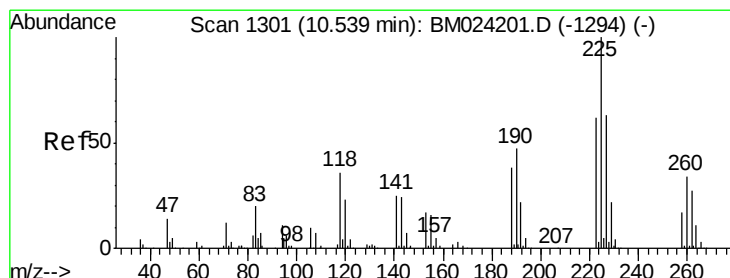
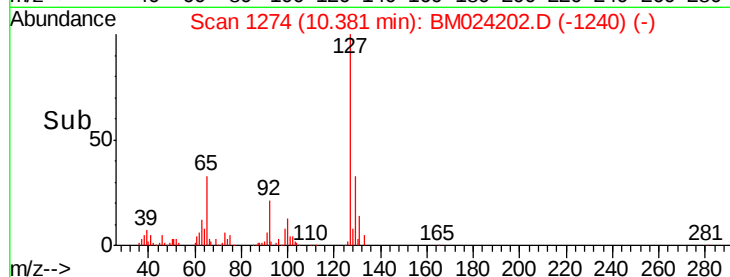
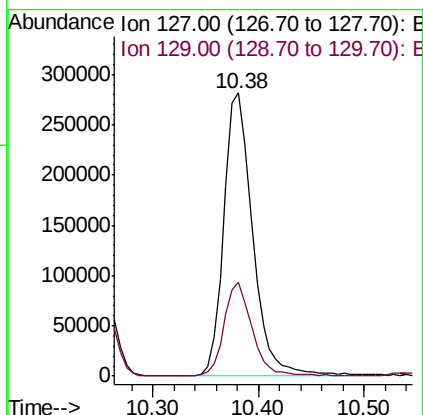
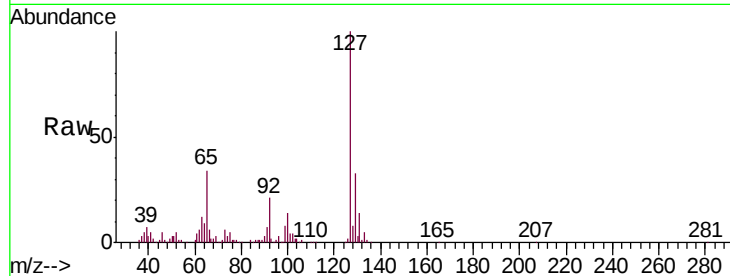




#30
4-Chloroaniline
Concen: 23.986 ng/ul
RT: 10.38 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

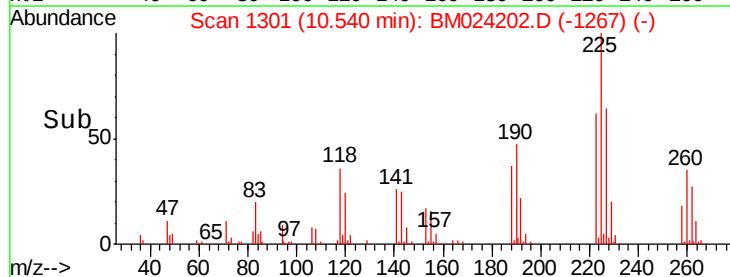
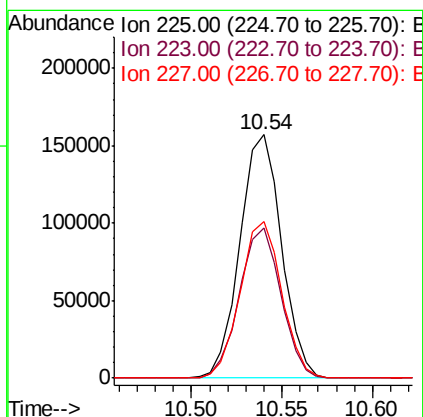
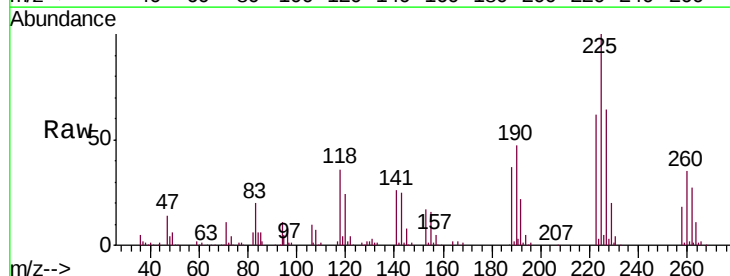
Instrument :
BNA_M
ClientSampleId :
A5167MS

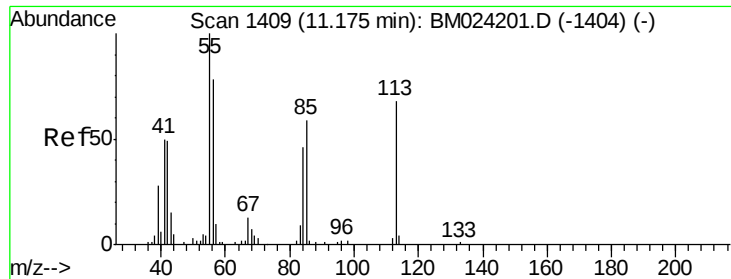
Tgt Ion:127 Resp: 529811
Ion Ratio Lower Upper
127 100
129 33.0 25.9 38.9



#31
Hexachlorobutadiene
Concen: 23.075 ng/ul
RT: 10.54 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Tgt Ion:225 Resp: 251574
Ion Ratio Lower Upper
225 100
223 61.9 49.1 73.7
227 64.5 50.8 76.2





#32

Caprolactam

Concen: 7.861 ng/ul

RT: 11.17 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

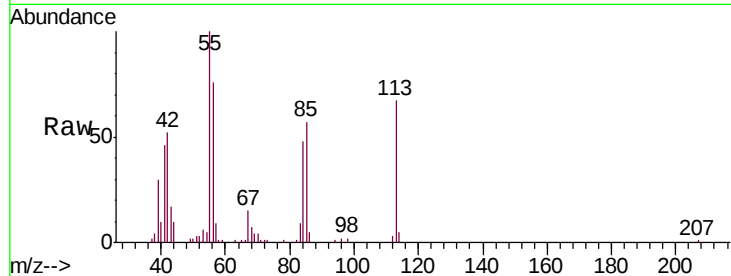
Tgt Ion:113 Resp: 52384

Ion Ratio Lower Upper

113 100

55 149.3 121.0 181.6

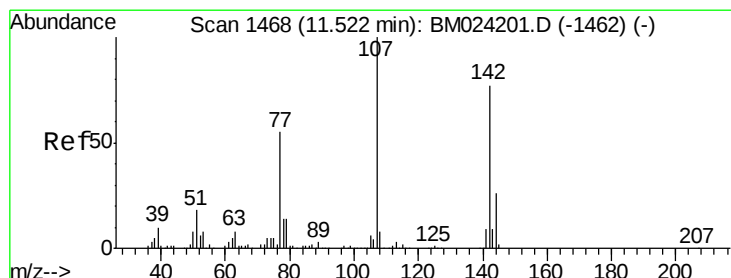
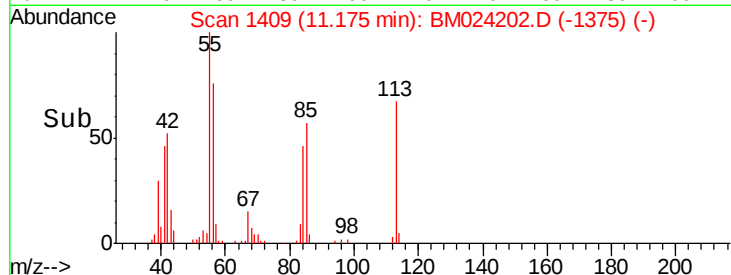
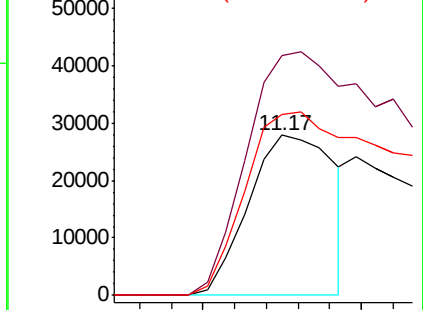
56 113.2 96.8 145.2



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



#33

4-Chloro-3-methylphenol

Concen: 21.357 ng/ul

RT: 11.52 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

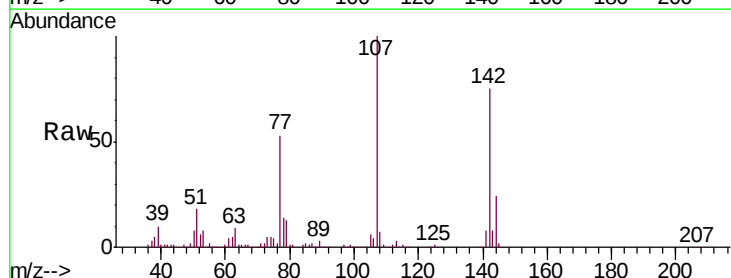
Tgt Ion:107 Resp: 451961

Ion Ratio Lower Upper

107 100

144 24.0 19.8 29.8

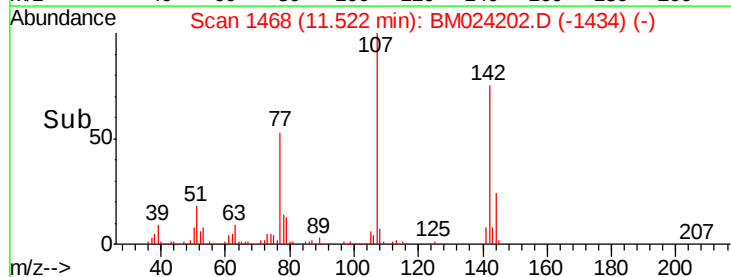
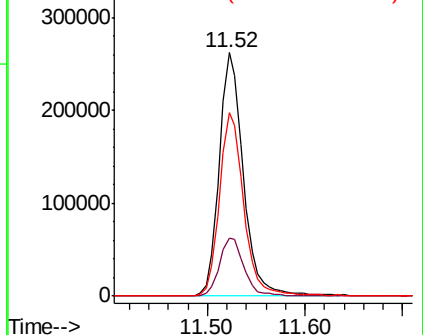
142 75.4 63.3 94.9

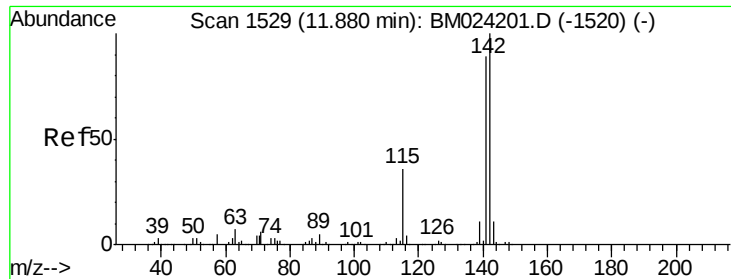


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

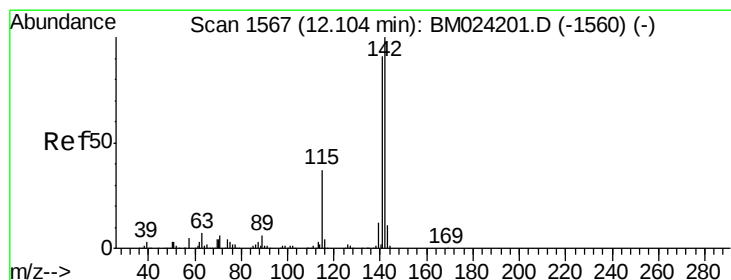
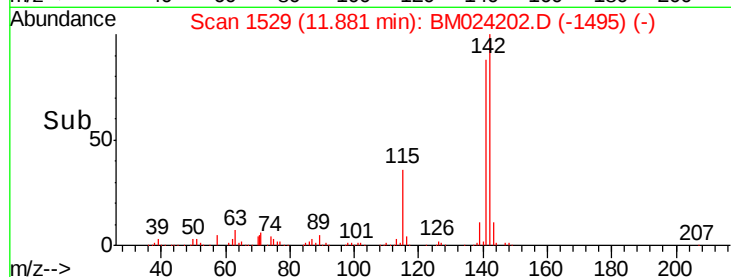
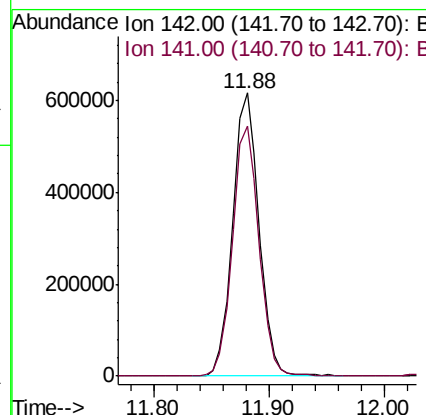
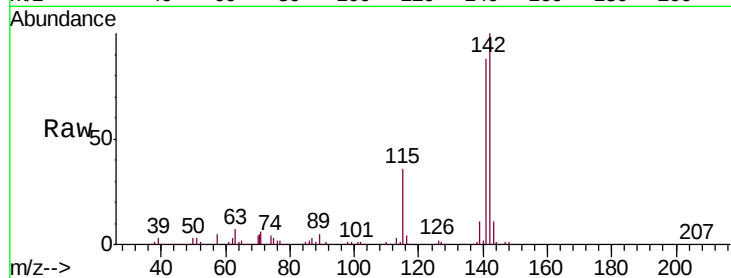




#34
2-Methylnaphthalene
Concen: 22.160 ng/ul
RT: 11.88 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

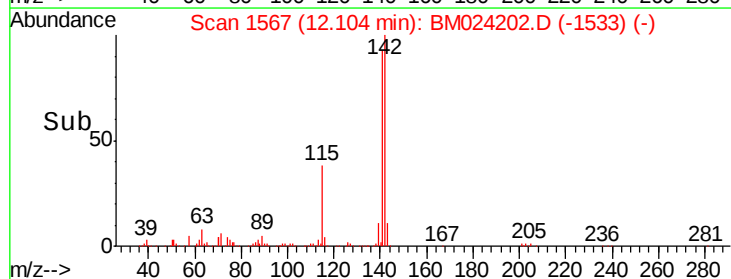
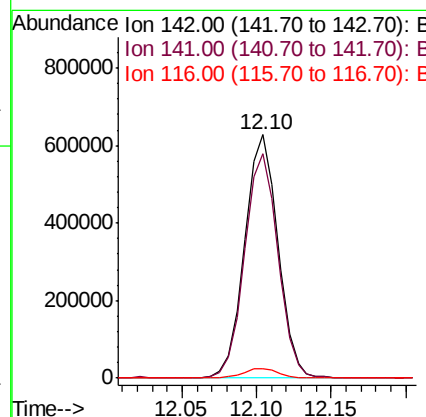
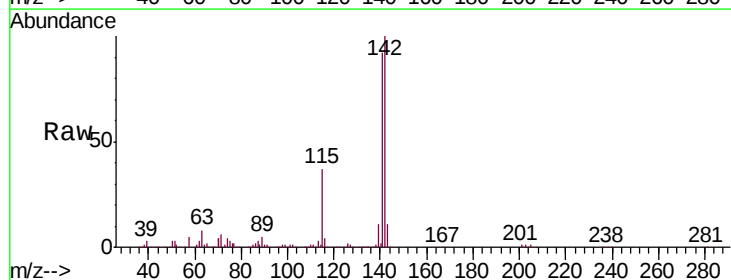
Instrument :
BNA_M
ClientSampleId :
A5167MS

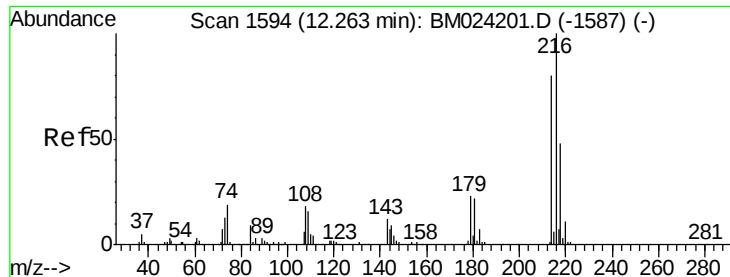
Tgt Ion:142 Resp: 973762
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3



#35
1-Methylnaphthalene
Concen: 21.574 ng/ul
RT: 12.10 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Tgt Ion:142 Resp: 967624
Ion Ratio Lower Upper
142 100
141 92.0 72.7 109.1
116 3.8 3.0 4.6

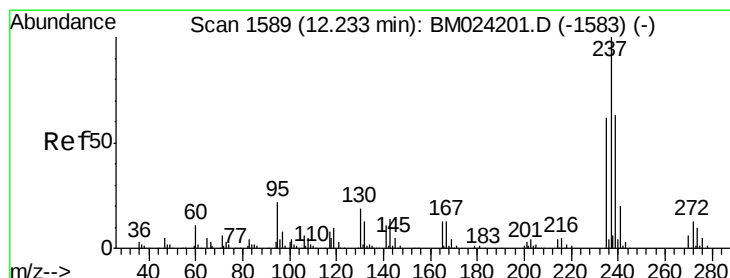
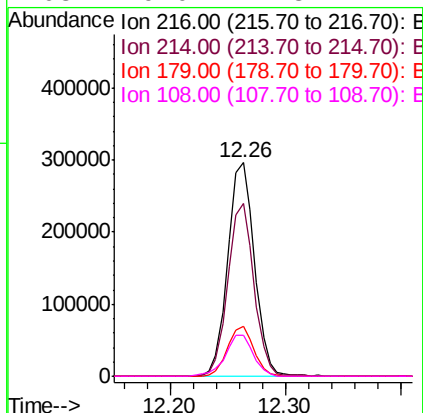
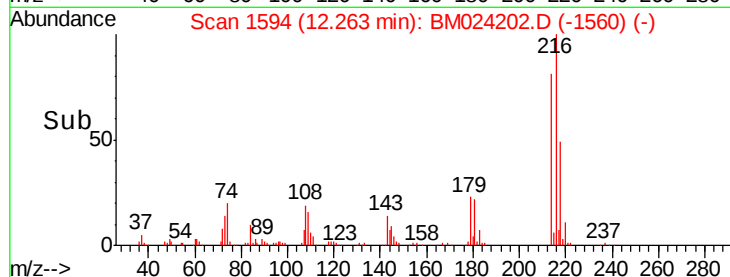
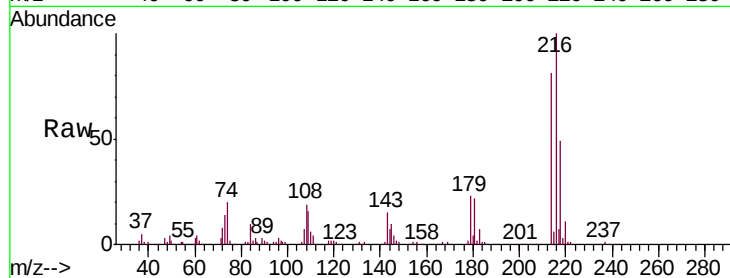




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.648 ng/ul
 RT: 12.26 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BM024202.D
 Acq: 20 Dec 2019 14:16

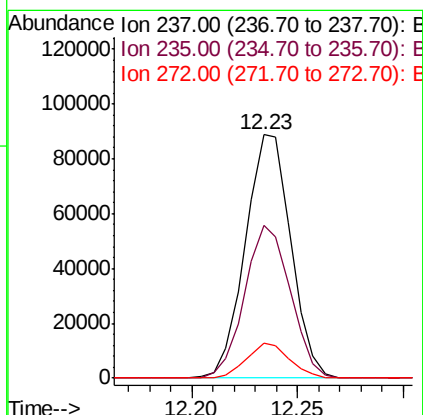
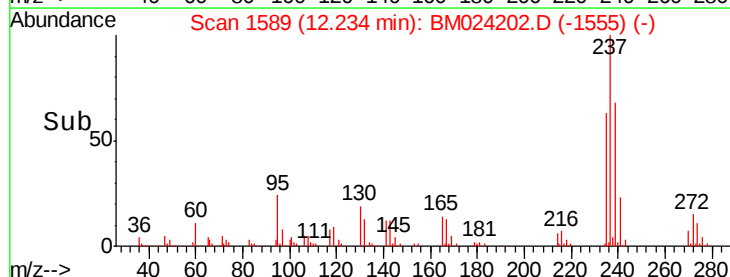
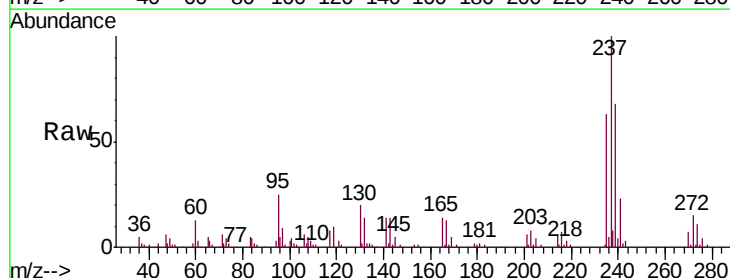
Instrument :
 BNA_M
 ClientSampleId :
 A5167MS

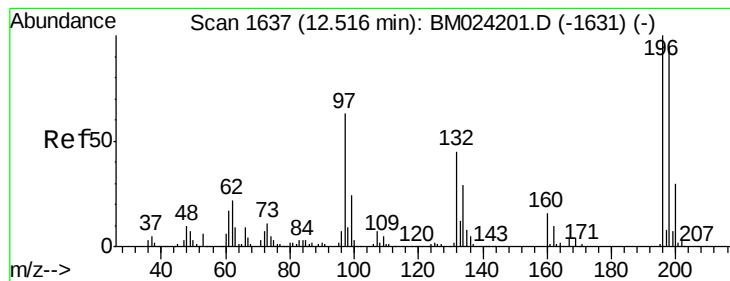
Tgt Ion:	216	Resp:	474883
Ion	Ratio	Lower	Upper
216	100		
214	80.8	62.7	94.1
179	23.4	17.6	26.4
108	19.0	14.8	22.2



#38
 Hexachlorocyclopentadiene
 Concen: 14.716 ng/ul
 RT: 12.23 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BM024202.D
 Acq: 20 Dec 2019 14:16

Tgt Ion:	237	Resp:	133159
Ion	Ratio	Lower	Upper
237	100		
235	62.5	46.9	70.3
272	14.5	11.0	16.4





#39

2,4,6-Trichlorophenol

Concen: 23.206 ng/ul

RT: 12.52 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

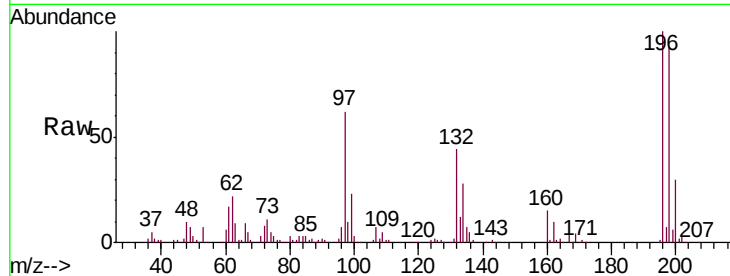
Tgt Ion:196 Resp: 308201

Ion Ratio Lower Upper

196 100

198 92.6 76.9 115.3

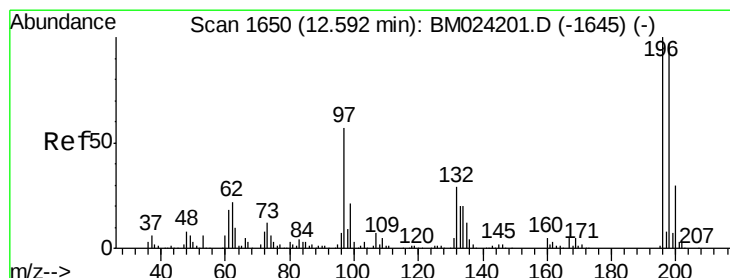
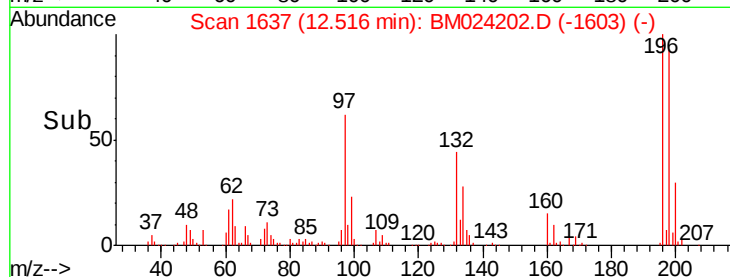
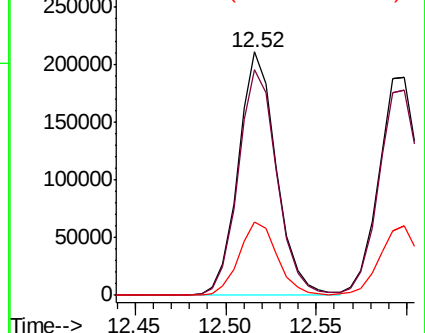
200 30.0 23.8 35.6



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



#40

2,4,5-Trichlorophenol

Concen: 22.571 ng/ul

RT: 12.60 min Scan# 1651

Delta R.T. 0.01 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

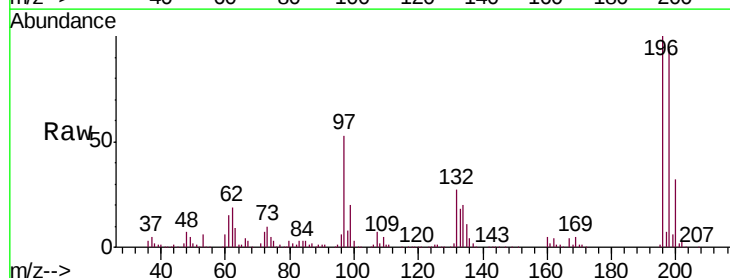
Tgt Ion:196 Resp: 323148

Ion Ratio Lower Upper

196 100

198 94.3 75.0 112.4

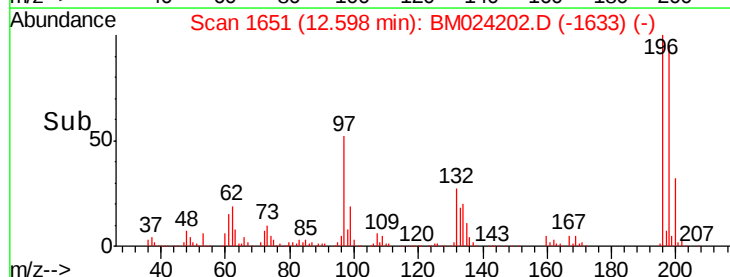
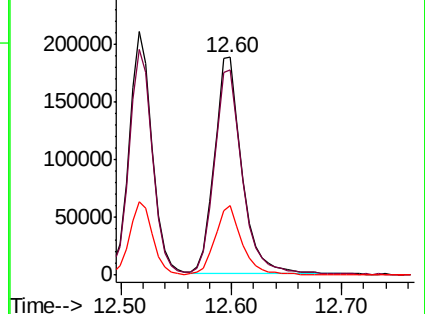
200 31.9 23.6 35.4

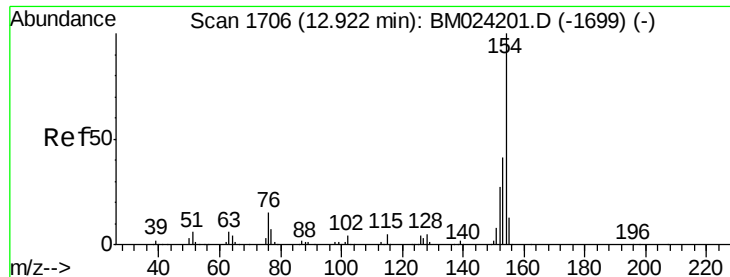


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

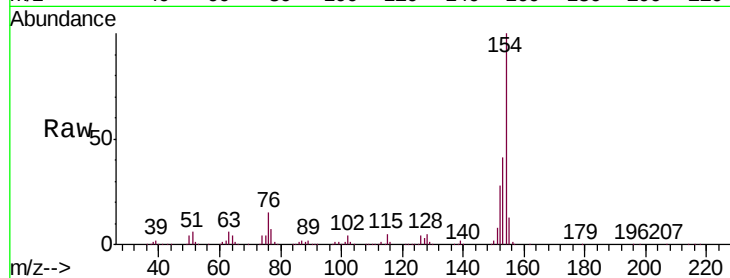




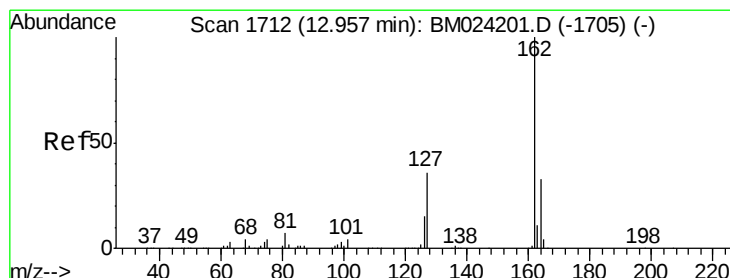
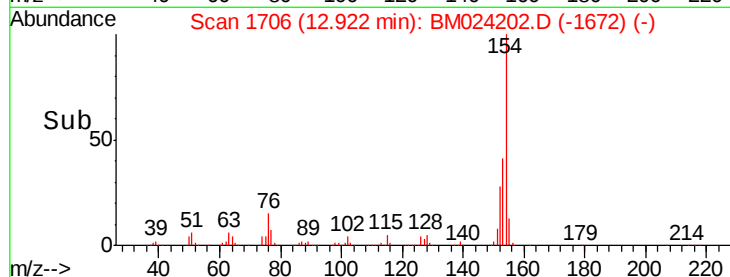
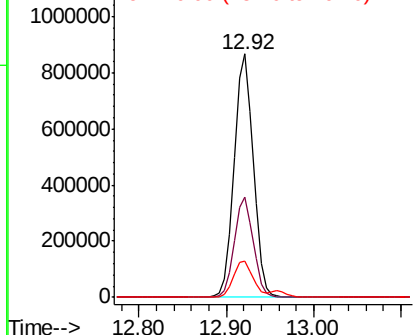
#41
 1,1'-Biphenyl
 Concen: 23.244 ng/ul
 RT: 12.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM024202.D
 Acq: 20 Dec 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 A5167MS

Tgt Ion:154 Resp: 1288909
 Ion Ratio Lower Upper
 154 100
 153 41.3 32.2 48.4
 76 15.1 12.2 18.2

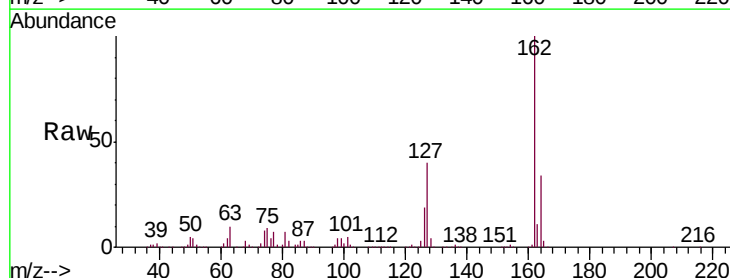


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

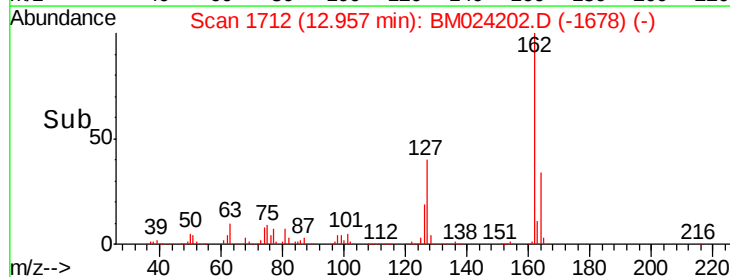
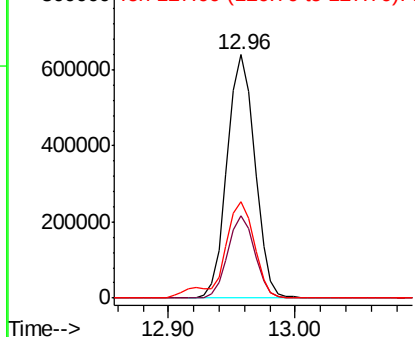


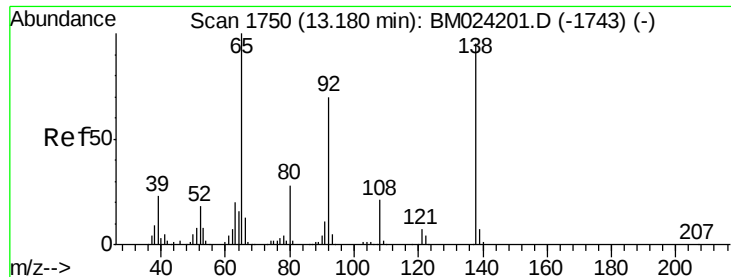
#42
 2-Chloronaphthalene
 Concen: 22.295 ng/ul
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM024202.D
 Acq: 20 Dec 2019 14:16

Tgt Ion:162 Resp: 971310
 Ion Ratio Lower Upper
 162 100
 164 33.6 25.9 38.9
 127 39.8 31.4 47.2



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

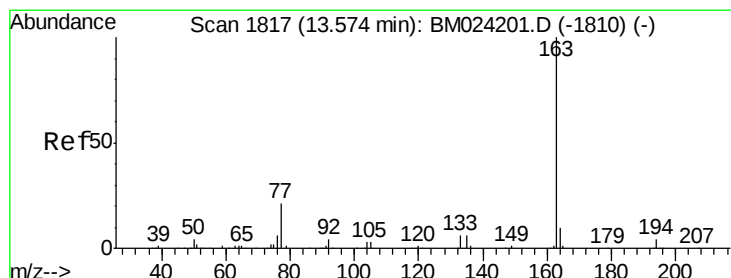
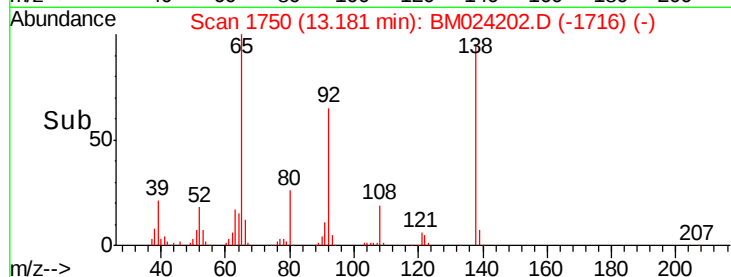
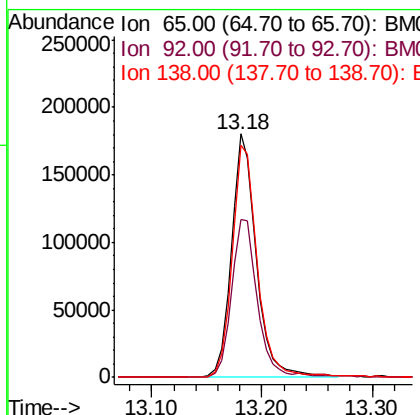
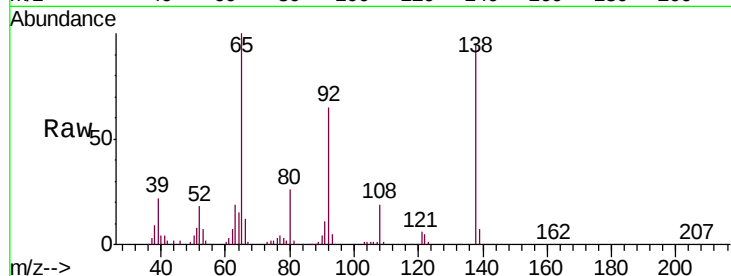




#43
2-Nitroaniline
Concen: 22.281 ng/ul
RT: 13.18 min Scan# 1750
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

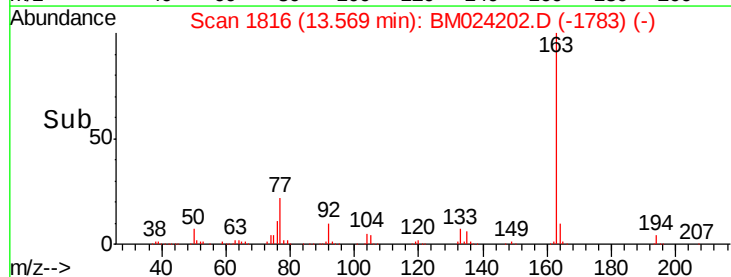
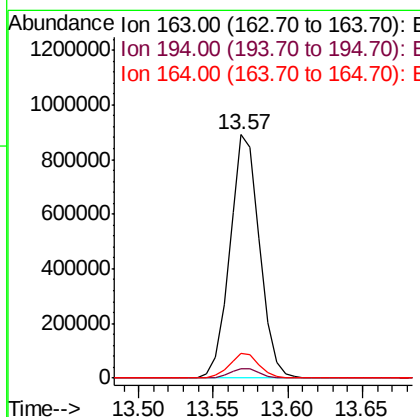
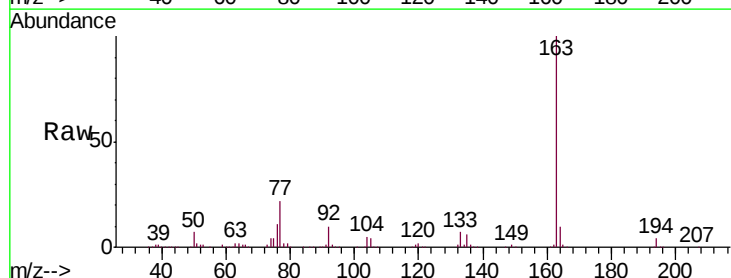
Instrument :
BNA_M
ClientSampleId :
A5167MS

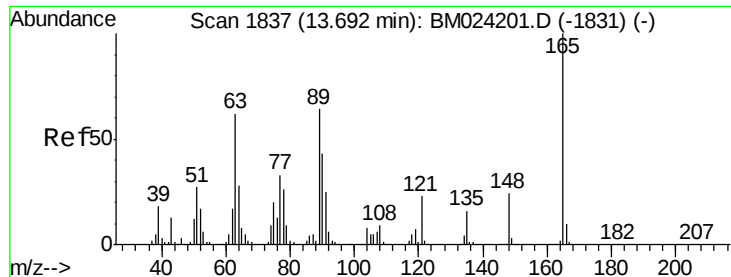
Tgt Ion: 65 Resp: 284607
Ion Ratio Lower Upper
65 100
92 64.9 56.7 85.1
138 95.2 81.0 121.4



#45
Dimethylphthalate
Concen: 21.643 ng/ul
RT: 13.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Tgt Ion: 163 Resp: 1235630
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 7.8 11.6

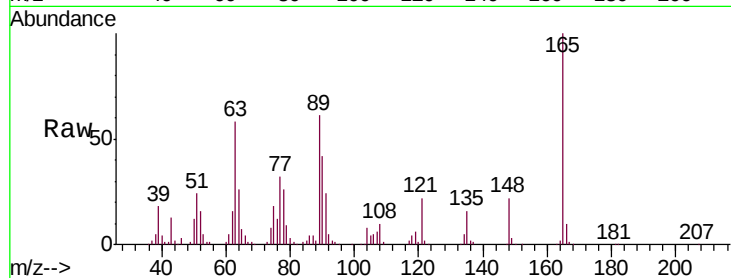




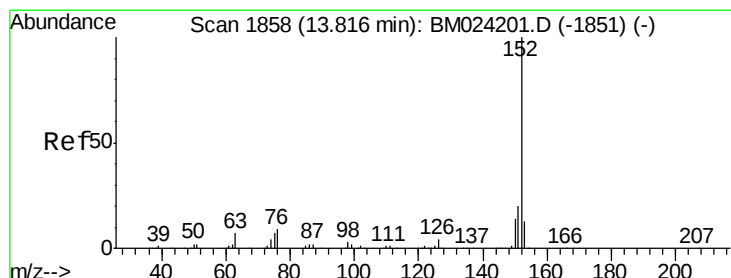
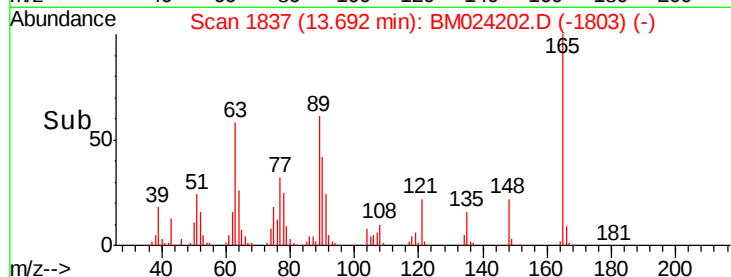
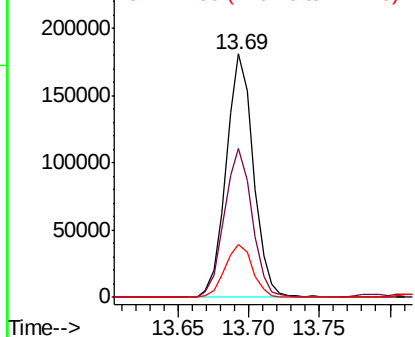
#46
2,6-Dinitrotoluene
Concen: 21.592 ng/ul
RT: 13.69 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Instrument :
BNA_M
ClientSampled :
A5167MS

Tgt Ion	Ratio	Lower	Upper
165	100		
89	61.3	47.0	70.4
121	21.6	17.1	25.7

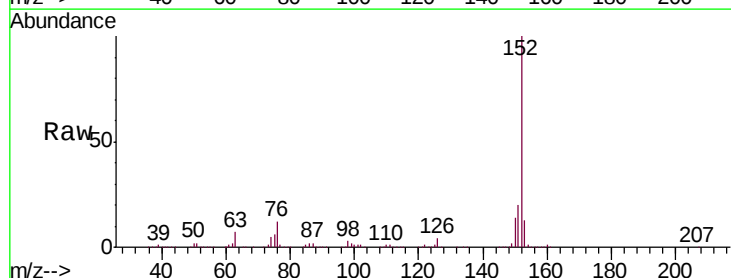


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E

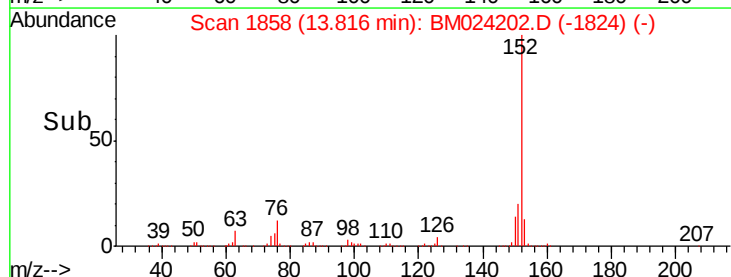
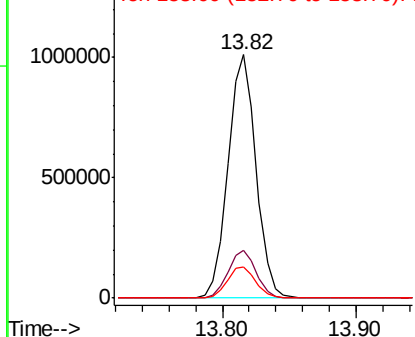


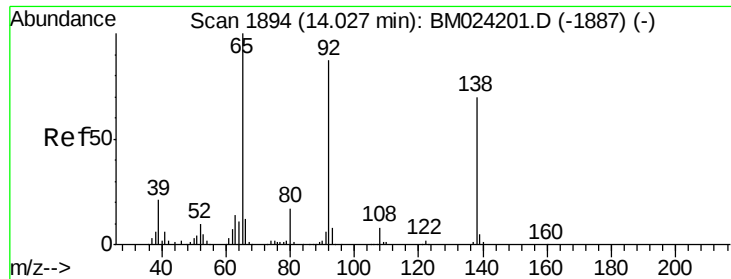
#48
Acenaphthylene
Concen: 21.169 ng/ul
RT: 13.82 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	12.9	10.6	16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

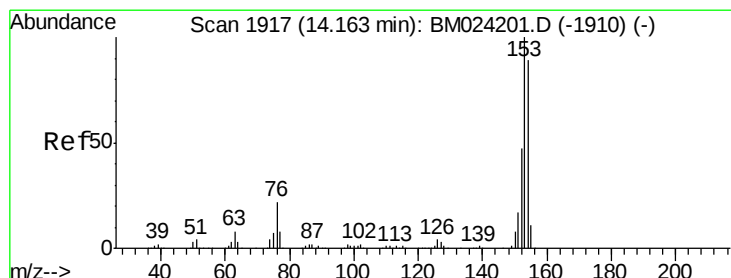
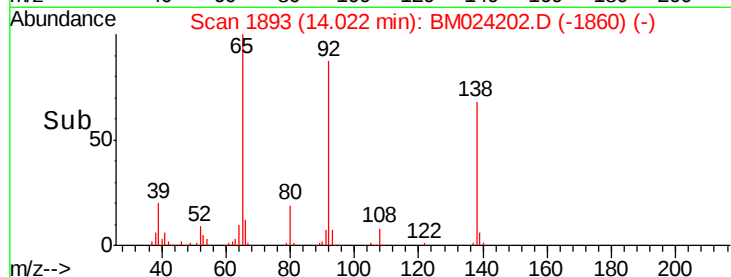
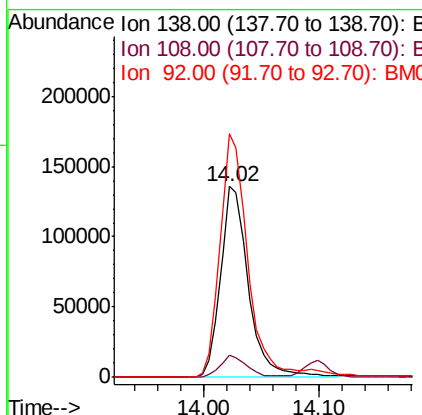
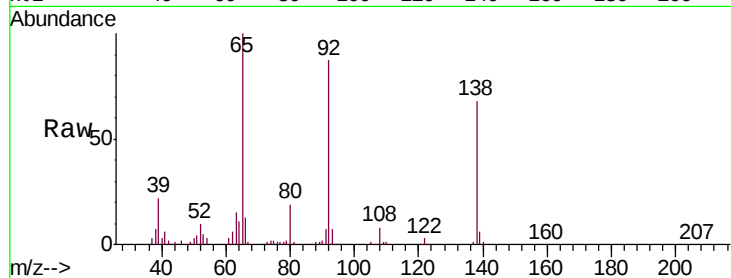




#49
3-Nitroaniline
Concen: 21.299 ng/ul
RT: 14.02 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

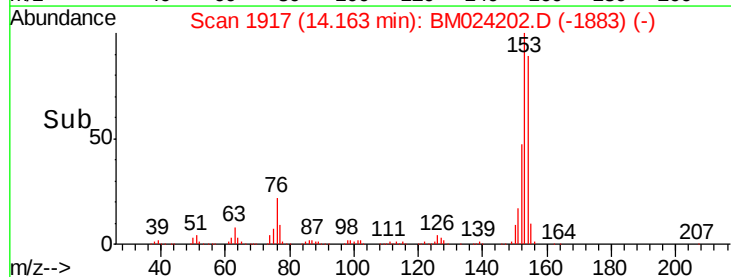
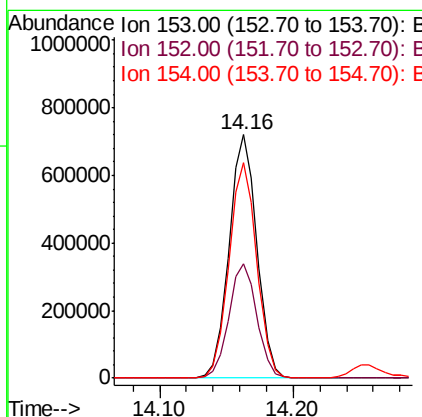
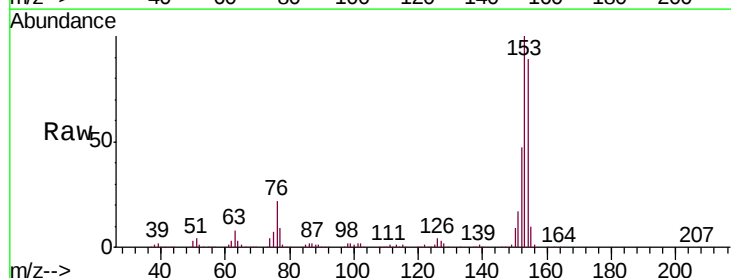
Instrument :
BNA_M
ClientSampleId :
A5167MS

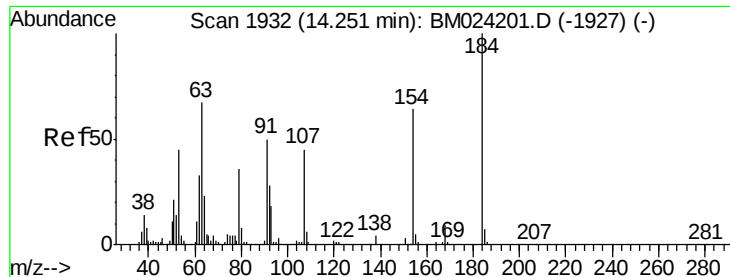
Tgt Ion:138 Resp: 227335
Ion Ratio Lower Upper
138 100
108 11.5 8.8 13.2
92 127.8 97.3 145.9



#50
Acenaphthene
Concen: 21.760 ng/ul
RT: 14.16 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Tgt Ion:153 Resp: 1045572
Ion Ratio Lower Upper
153 100
152 46.9 37.8 56.6
154 88.5 71.1 106.7

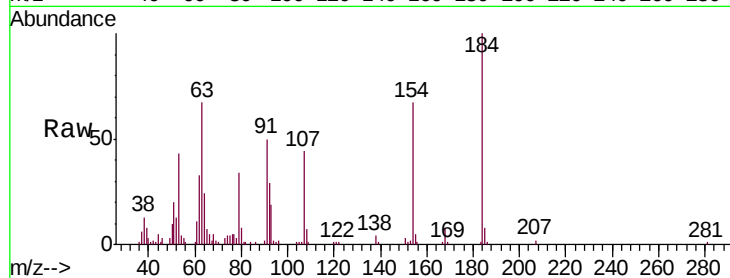




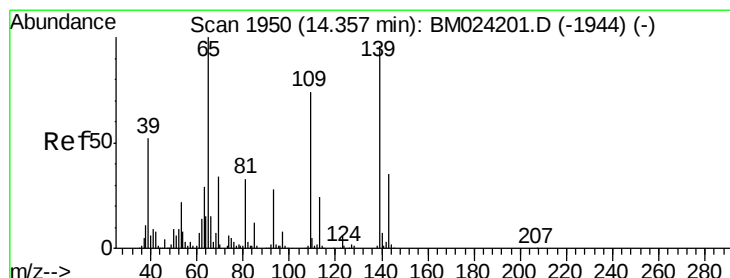
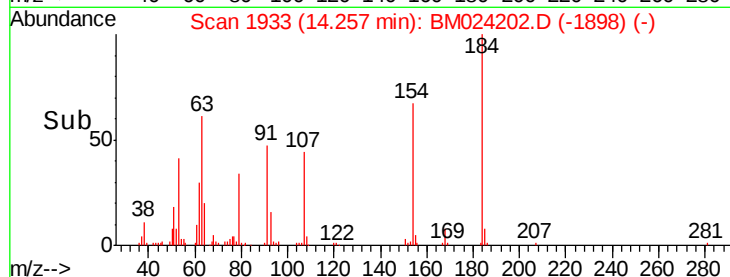
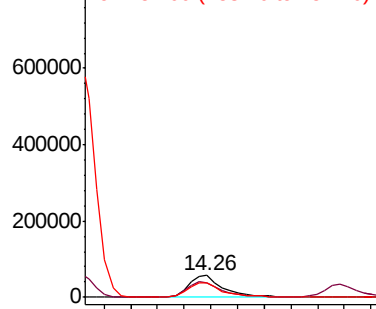
#51
2,4-Dinitrophenol
Concen: 16.719 ng/ul
RT: 14.26 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Instrument :
BNA_M
ClientSampleId :
A5167MS

Tgt Ion:184 Resp: 105660
Ion Ratio Lower Upper
184 100
63 67.1 57.0 85.6
154 66.6 51.0 76.4

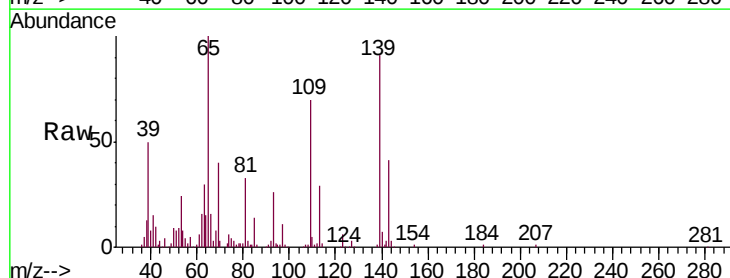


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

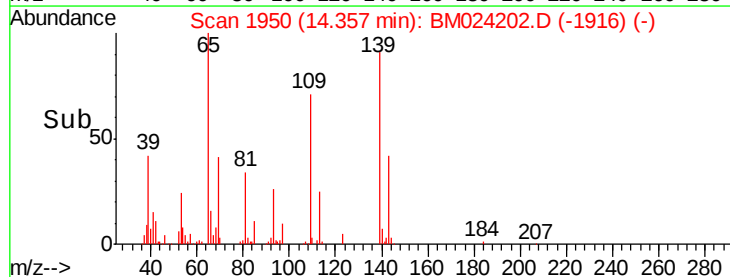
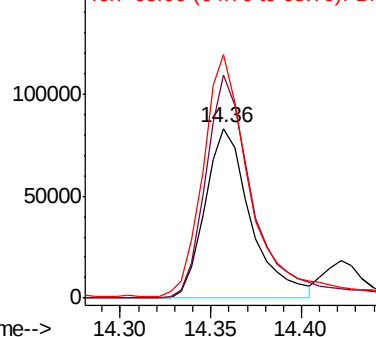


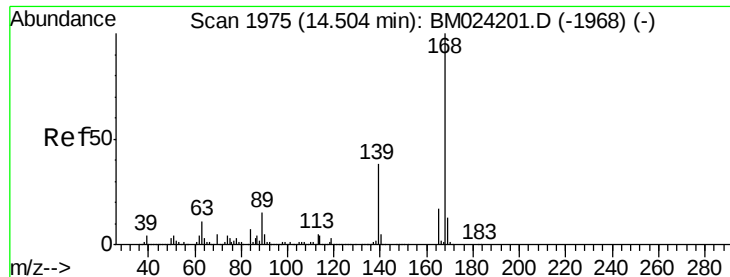
#53
4-Nitrophenol
Concen: 18.593 ng/ul
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Tgt Ion:109 Resp: 146233
Ion Ratio Lower Upper
109 100
139 131.0 105.0 157.4
65 143.2 113.0 169.4



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM





#54

Dibenzofuran

Concen: 22.170 ng/ul

RT: 14.50 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

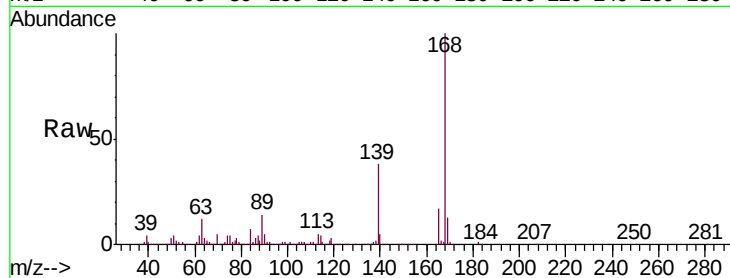
A5167MS

Tgt Ion:168 Resp: 1480952

Ion Ratio Lower Upper

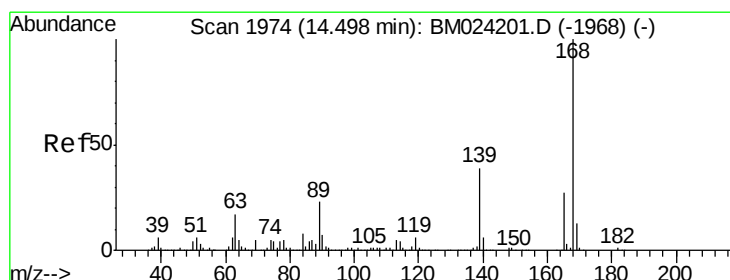
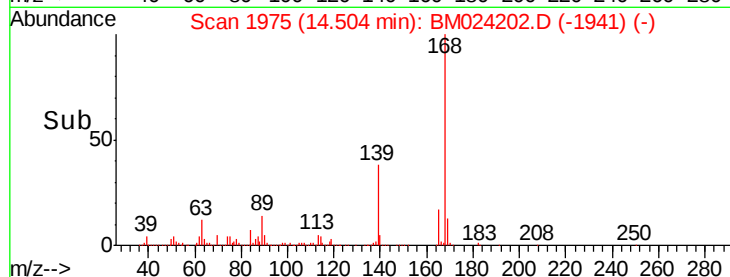
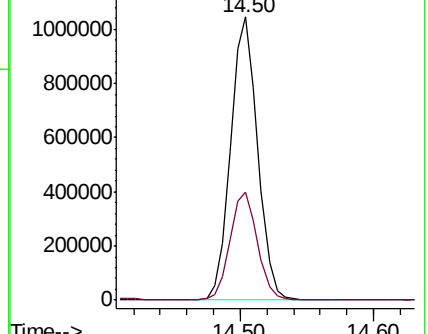
168 100

139 38.1 30.4 45.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 20.964 ng/ul

RT: 14.50 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

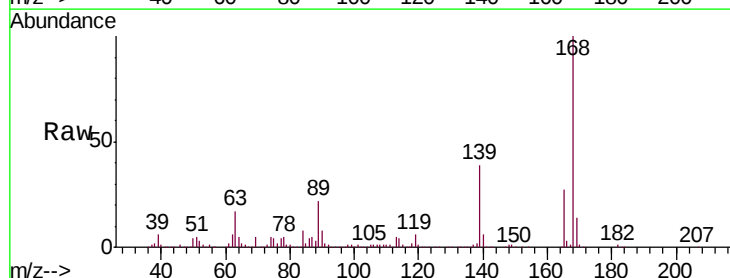
Tgt Ion:165 Resp: 356051

Ion Ratio Lower Upper

165 100

63 62.9 43.6 65.4

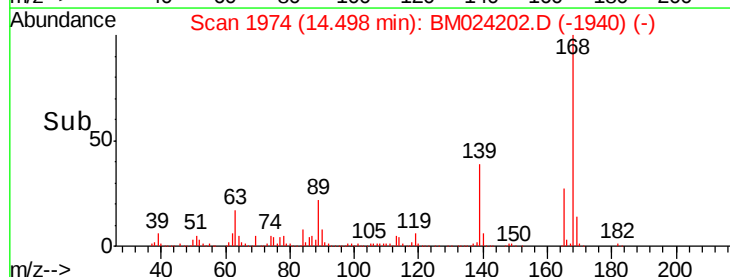
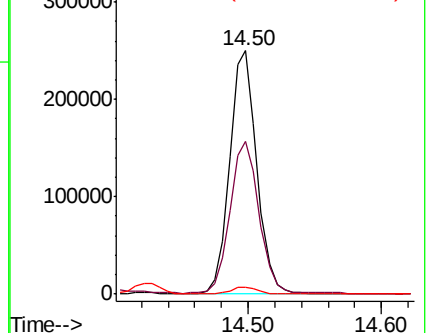
182 2.7 2.3 3.5

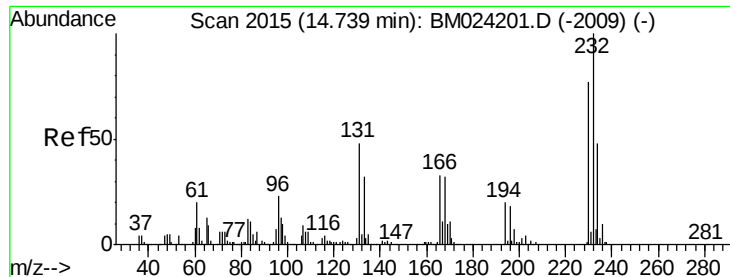


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

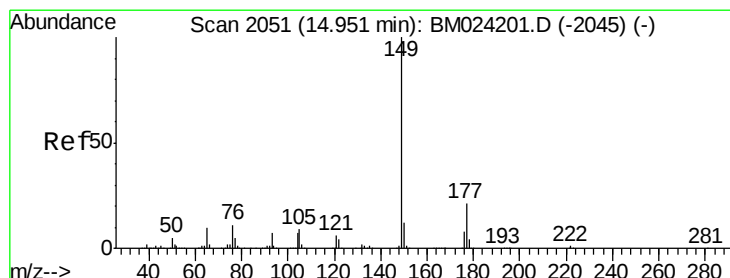
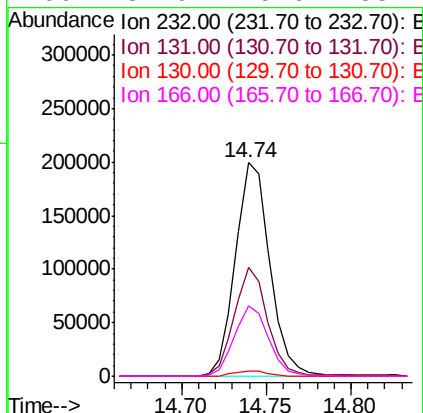
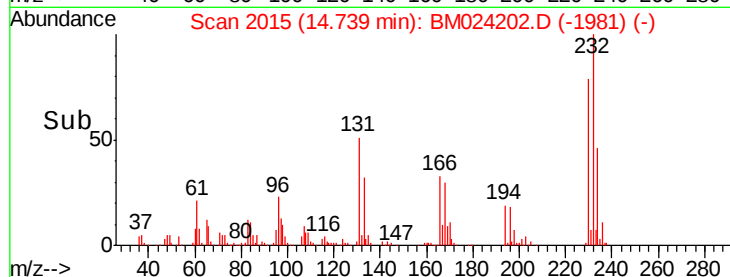
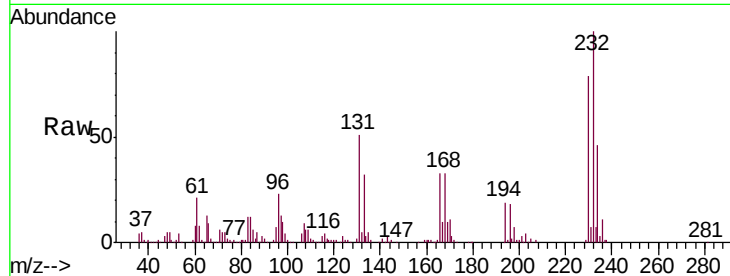




#56
2,3,4,6-Tetrachlorophenol
Concen: 21.945 ng/ul
RT: 14.74 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

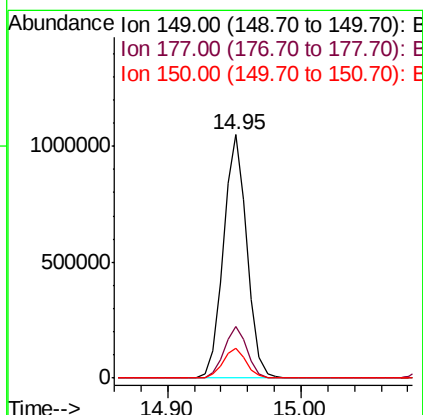
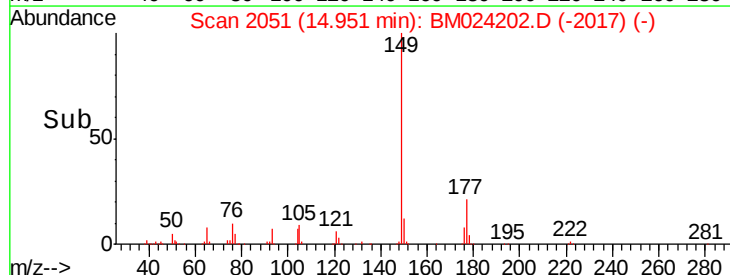
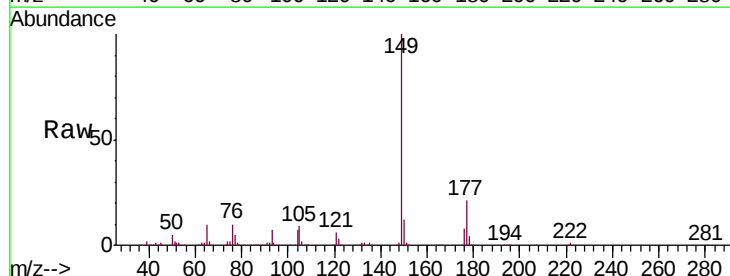
Instrument :
BNA_M
ClientSampleId :
A5167MS

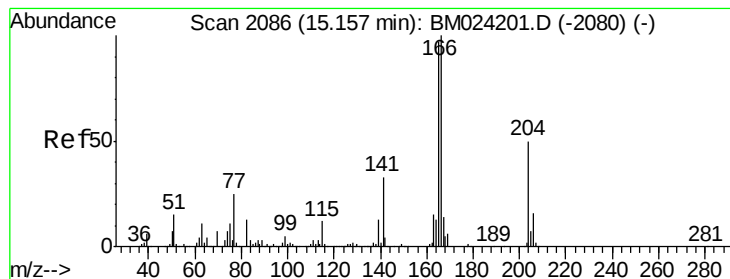
Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.8	36.4	54.6
130	2.3	1.9	2.9
166	32.9	25.6	38.4



#57
Diethylphthalate
Concen: 22.348 ng/ul
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.1	25.7
150	12.3	9.9	14.9





#59

Fluorene

Concen: 21.310 ng/ul

RT: 15.16 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

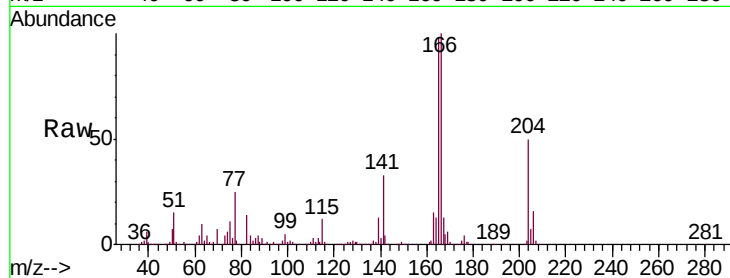
Tgt Ion:166 Resp: 1202105

Ion Ratio Lower Upper

166 100

165 98.2 78.3 117.5

167 13.5 10.4 15.6

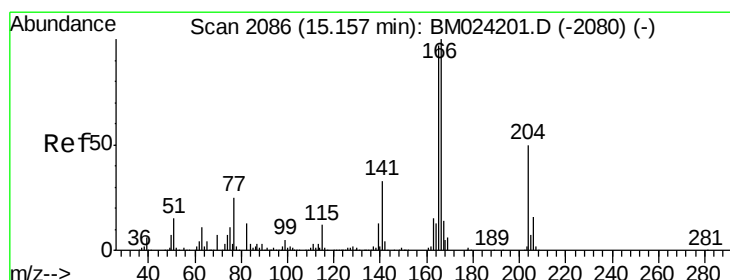
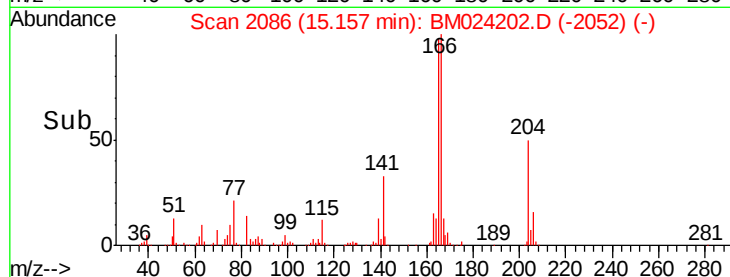
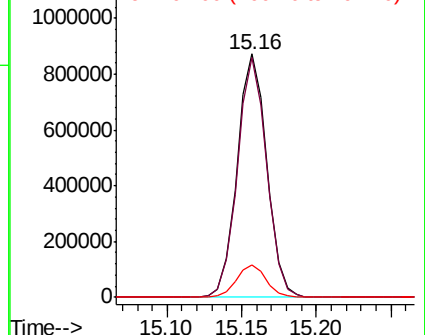


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 21.676 ng/ul

RT: 15.16 min Scan# 2087

Delta R.T. 0.01 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

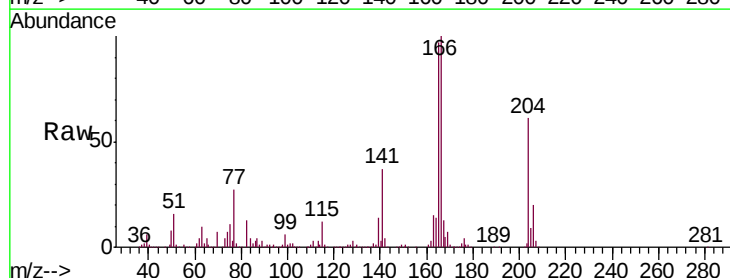
Tgt Ion:204 Resp: 594600

Ion Ratio Lower Upper

204 100

206 33.0 25.8 38.6

141 61.0 48.0 72.0

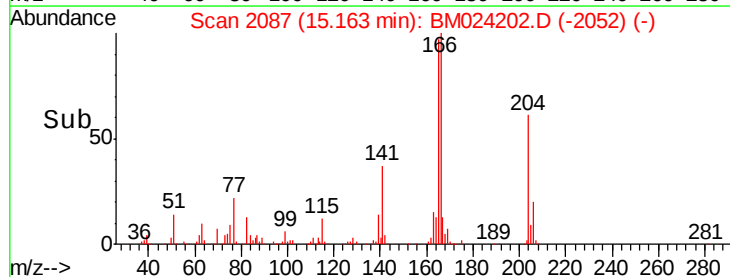
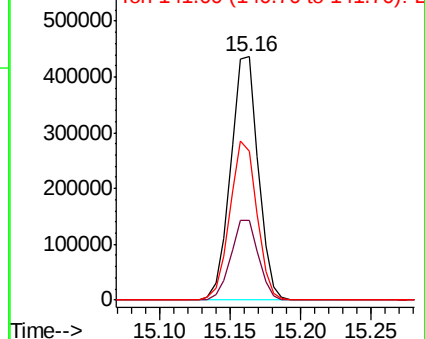


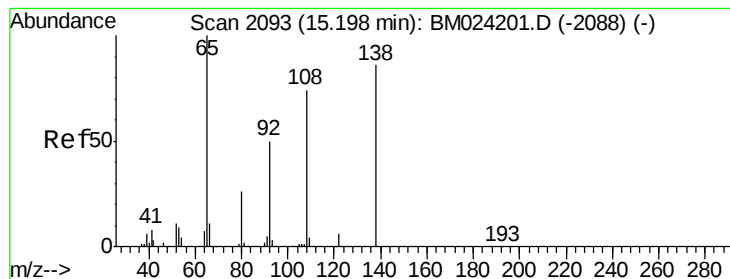
Abundance

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: 16.828 ng/ul

RT: 15.20 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

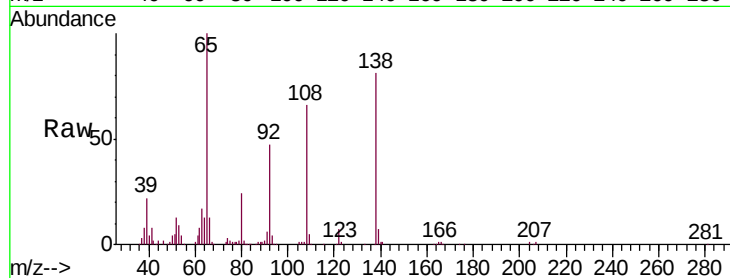
Tgt Ion:138 Resp: 198319

Ion Ratio Lower Upper

138 100

92 58.7 44.5 66.7

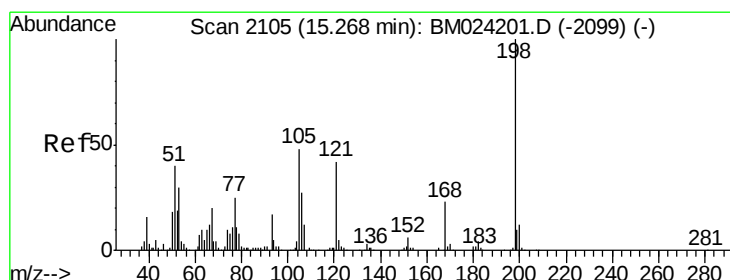
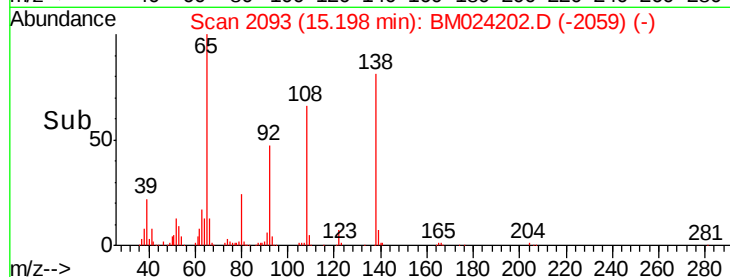
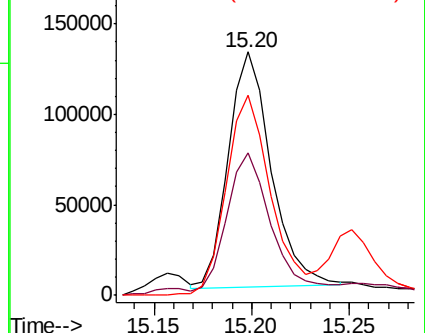
108 82.3 65.8 98.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 20.364 ng/ul

RT: 15.27 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

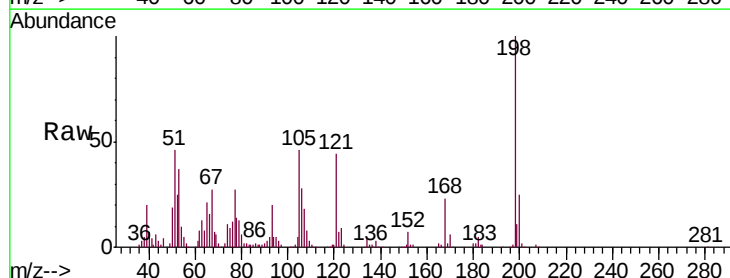
Tgt Ion:198 Resp: 199243

Ion Ratio Lower Upper

198 100

182 5.4 4.1 6.1

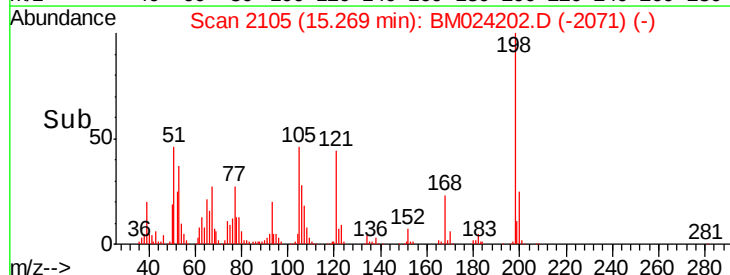
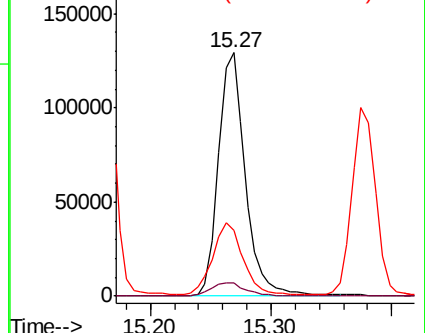
77 26.8 21.9 32.9

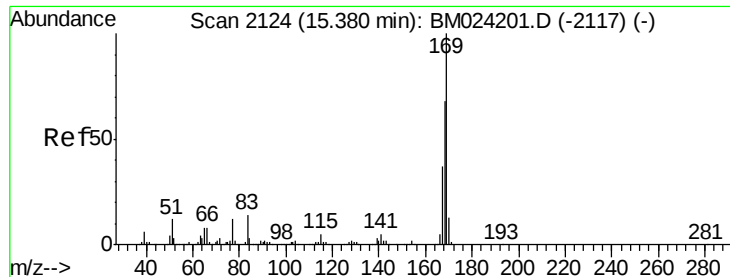


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM





#65

N-Nitrosodiphenylamine

Concen: 23.908 ng/ul

RT: 15.38 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

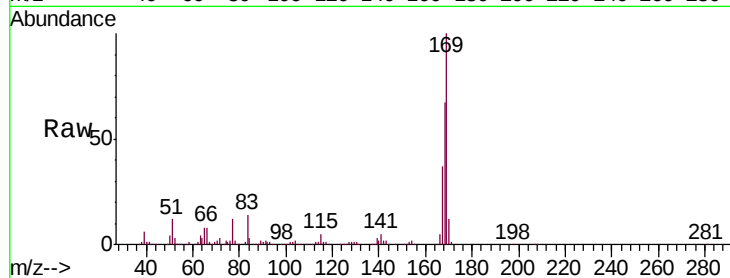
Tgt Ion:169 Resp: 1043855

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

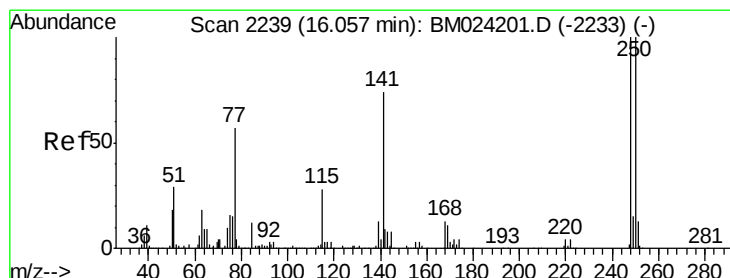
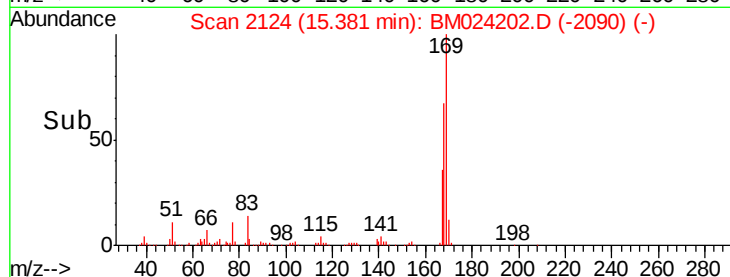
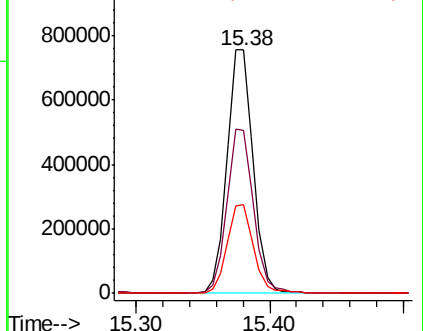
167 36.7 28.7 43.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 24.144 ng/ul

RT: 16.06 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

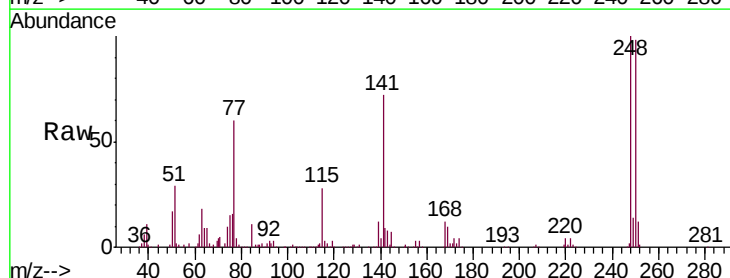
Tgt Ion:248 Resp: 385372

Ion Ratio Lower Upper

248 100

250 98.2 78.9 118.3

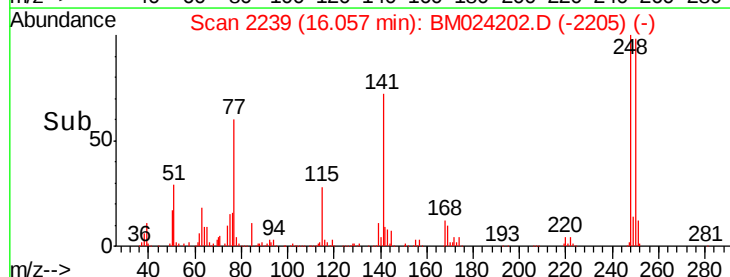
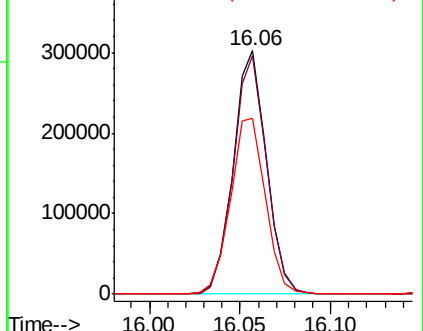
141 72.2 60.3 90.5

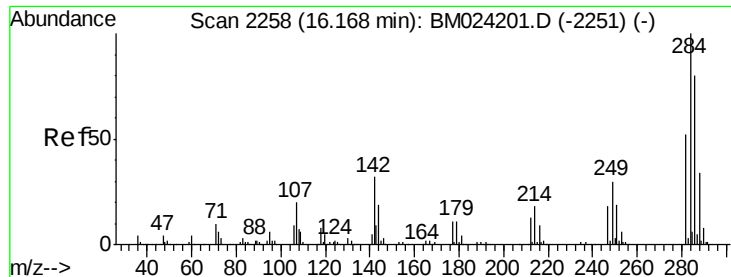


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 22.897 ng/ul

RT: 16.17 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

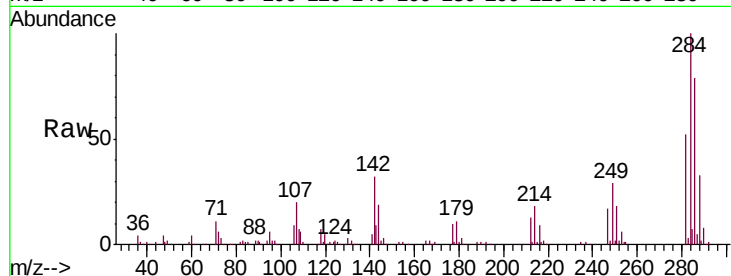
Tgt Ion:284 Resp: 447508

Ion Ratio Lower Upper

284 100

142 32.0 27.4 41.0

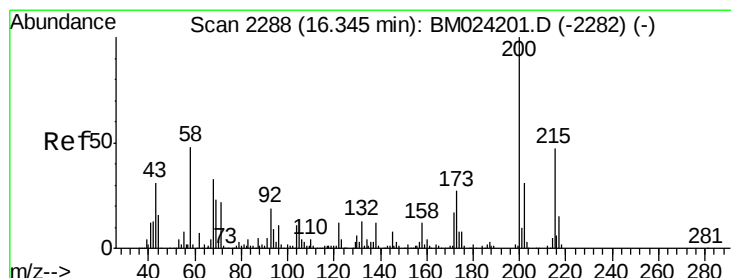
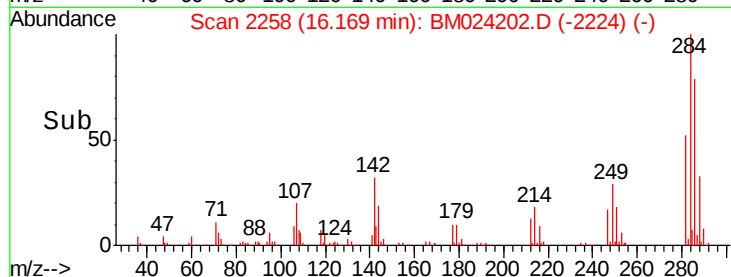
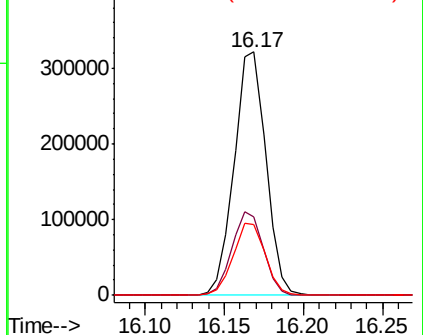
249 28.8 23.8 35.6



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 22.144 ng/ul

RT: 16.35 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

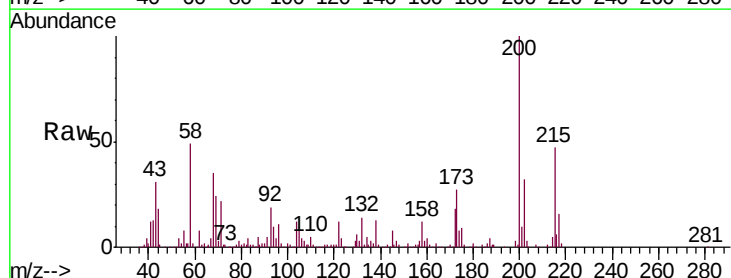
Tgt Ion:200 Resp: 359398

Ion Ratio Lower Upper

200 100

173 27.2 21.8 32.8

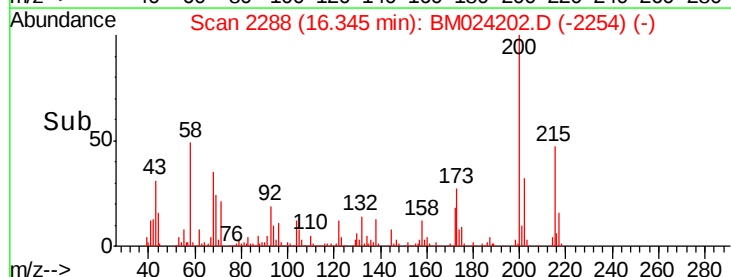
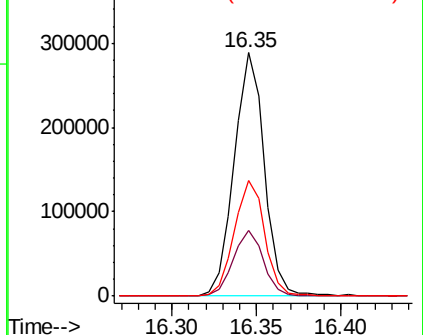
215 47.4 37.3 55.9

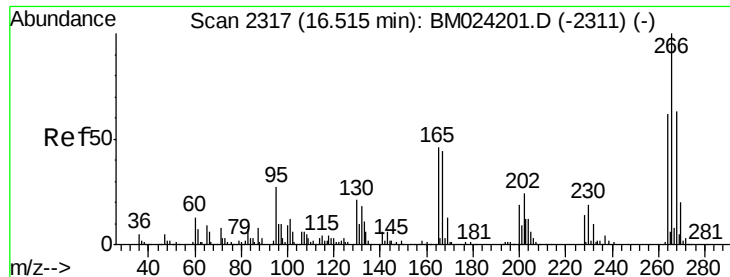


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 20.256 ng/ul

RT: 16.52 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

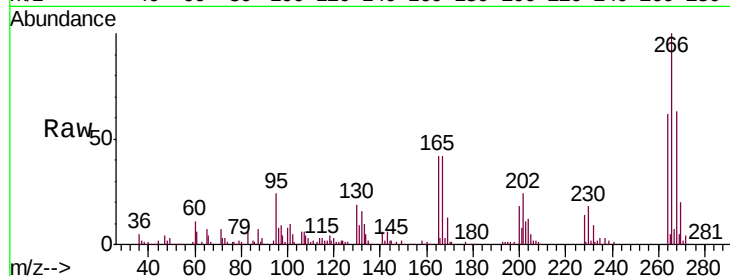
Tgt Ion:266 Resp: 207451

Ion Ratio Lower Upper

266 100

264 62.0 47.9 71.9

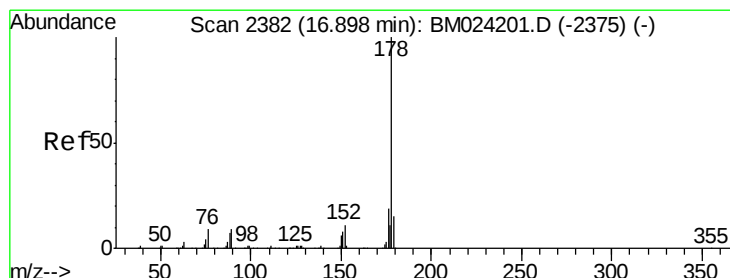
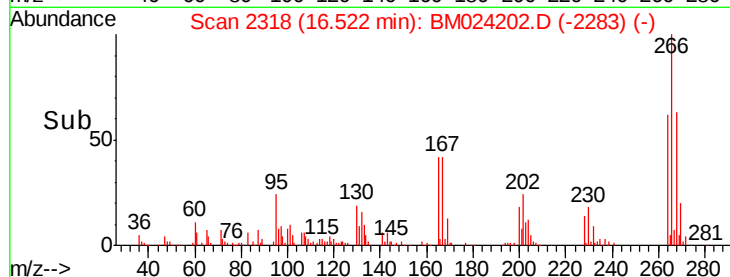
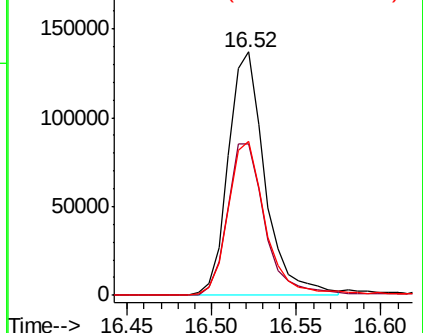
268 63.1 51.3 76.9



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 22.094 ng/ul

RT: 16.90 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

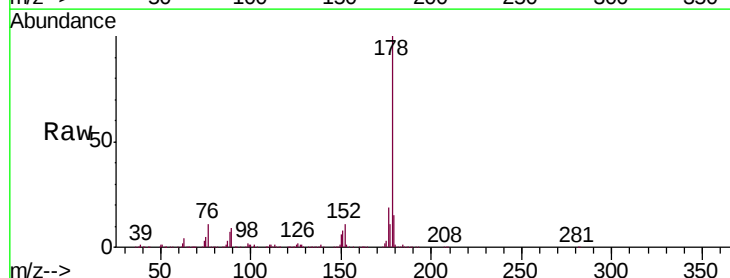
Tgt Ion:178 Resp: 1857452

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

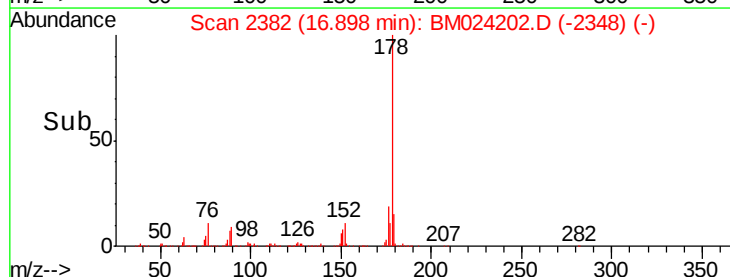
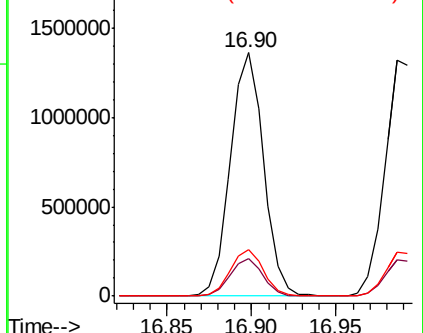
176 19.2 15.1 22.7

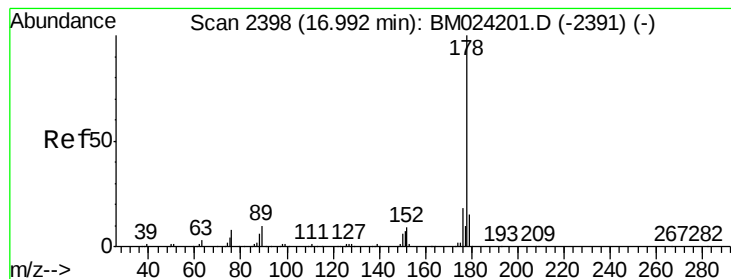


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 22.372 ng/uL

RT: 16.99 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

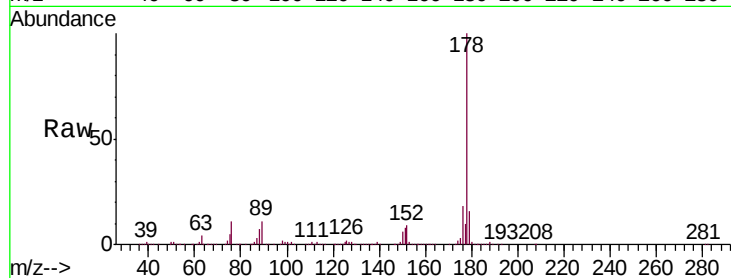
Tgt Ion:178 Resp: 1890825

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

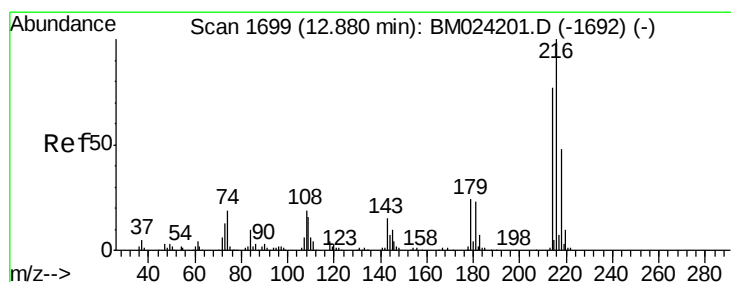
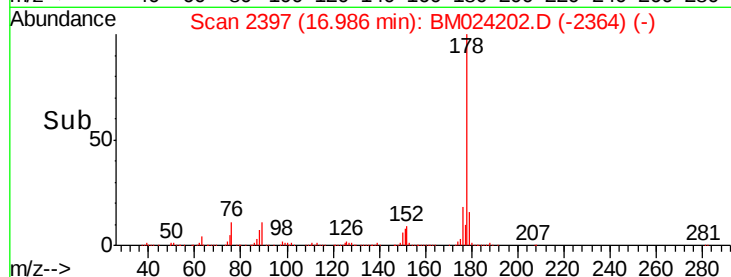
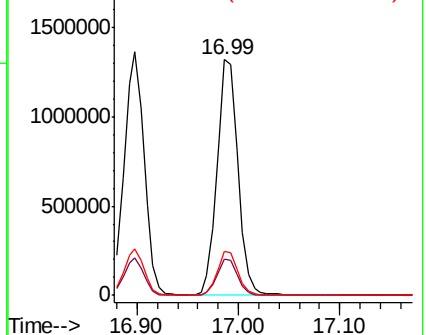
176 18.5 14.7 22.1



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 25.217 ng/uL

RT: 12.88 min Scan# 1699

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

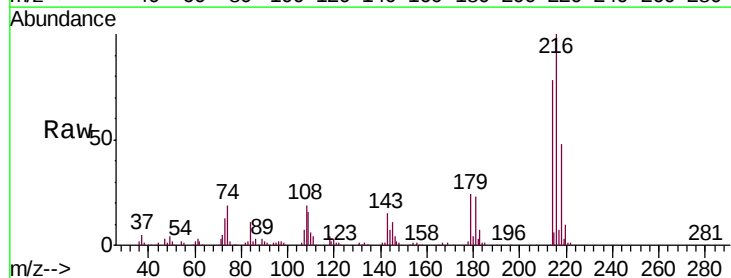
Tgt Ion:216 Resp: 475248

Ion Ratio Lower Upper

216 100

214 78.5 61.2 91.8

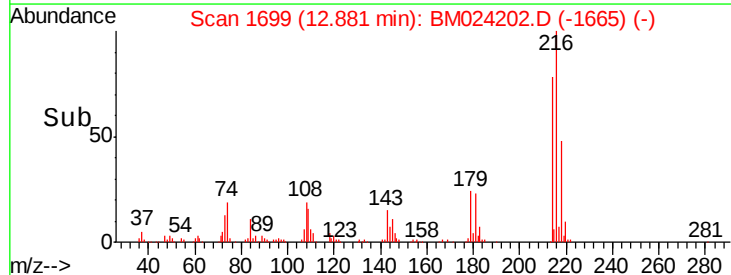
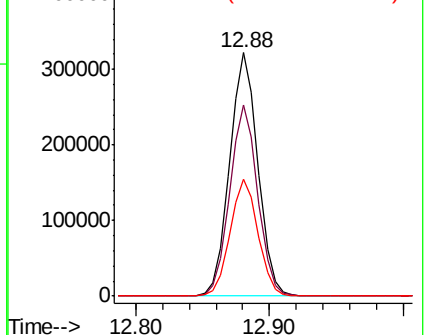
218 48.0 38.0 57.0

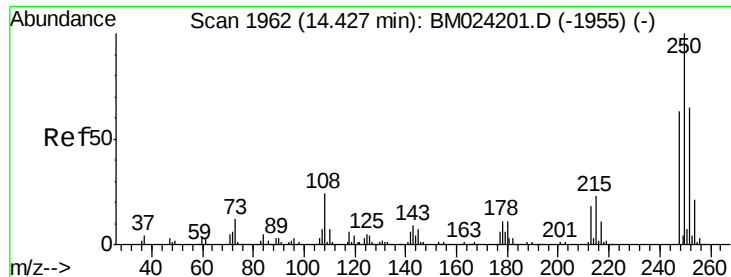


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 24.490 ng/uL

RT: 14.43 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

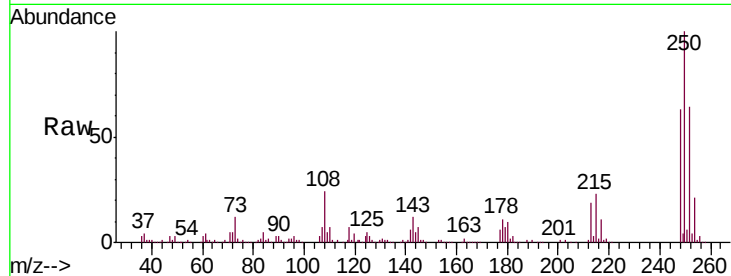
Tgt Ion:250 Resp: 508313

Ion Ratio Lower Upper

250 100

248 62.6 51.9 77.9

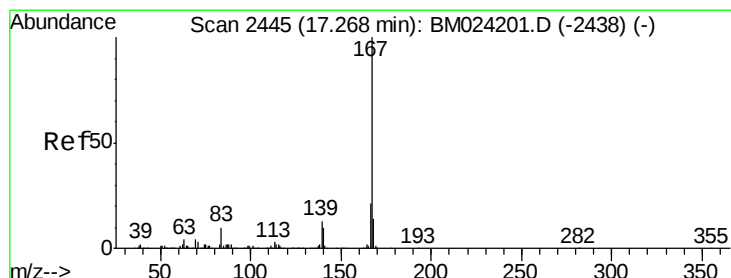
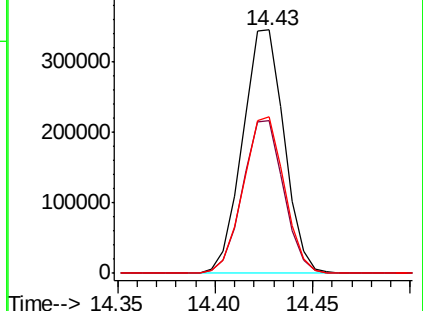
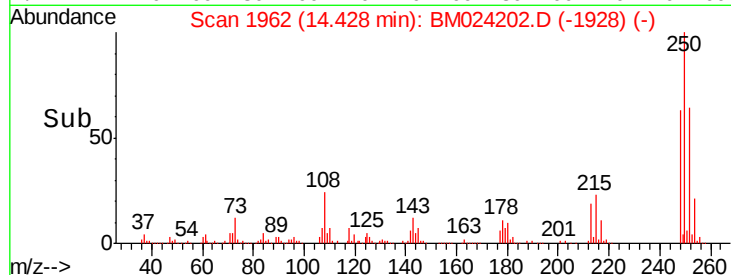
252 64.4 52.8 79.2



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 22.350 ng/uL

RT: 17.27 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

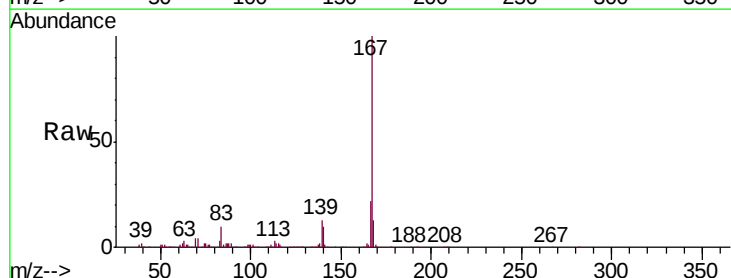
Tgt Ion:167 Resp: 1622711

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

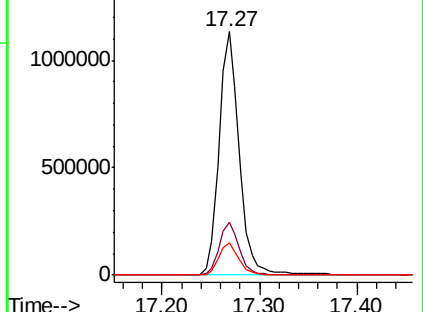
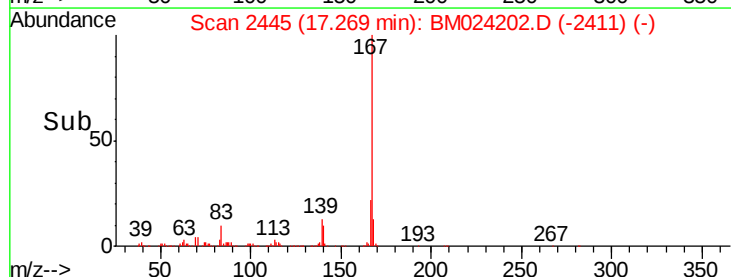
139 13.2 10.3 15.5

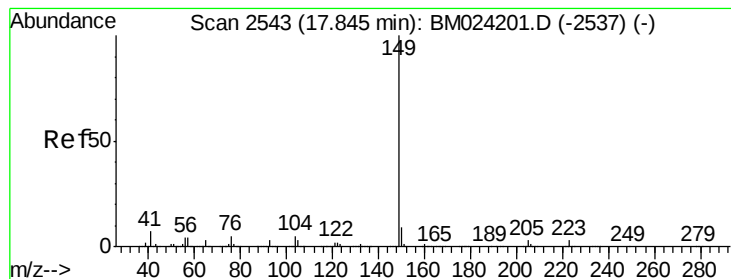


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

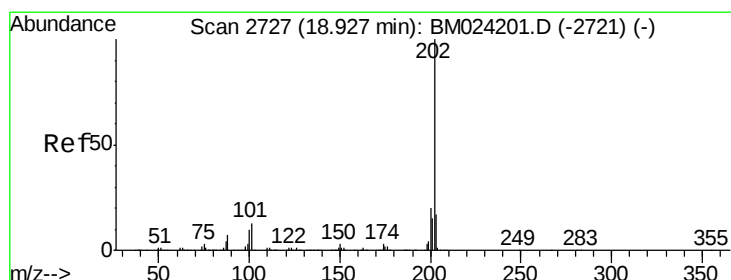
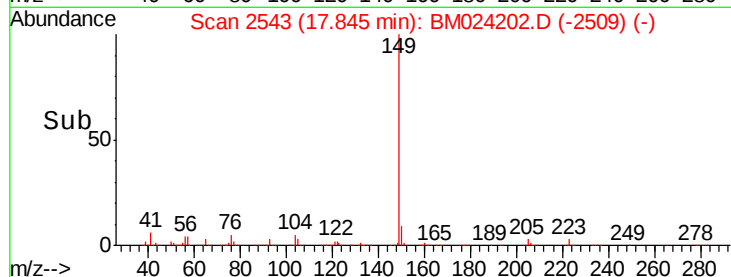
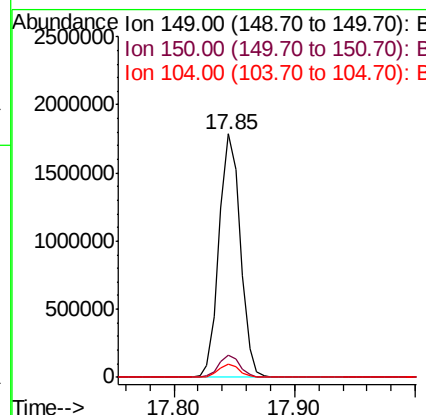
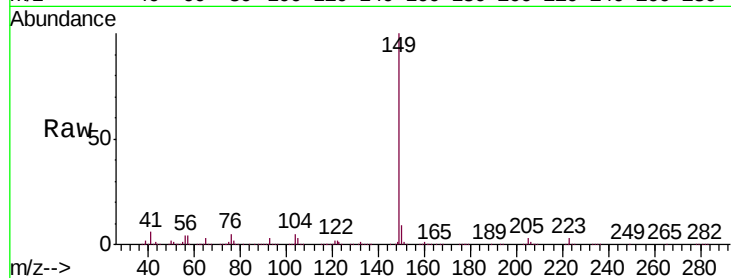




#76
Di-n-butylphthalate
Concen: 24.766 ng/ul
RT: 17.85 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

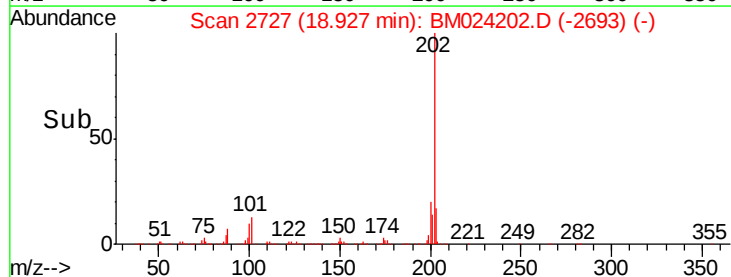
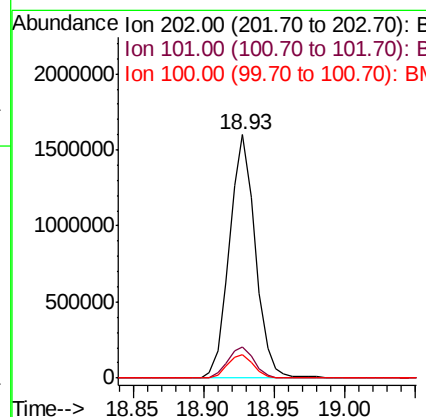
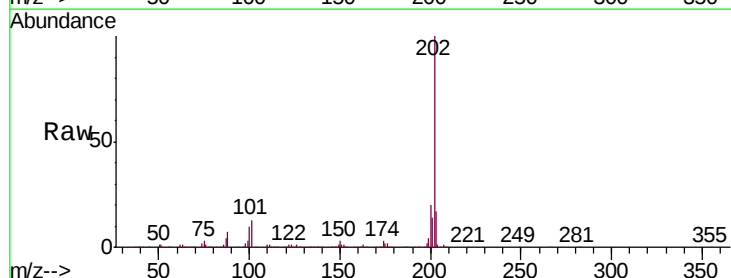
Instrument :
BNA_M
ClientSampleId :
A5167MS

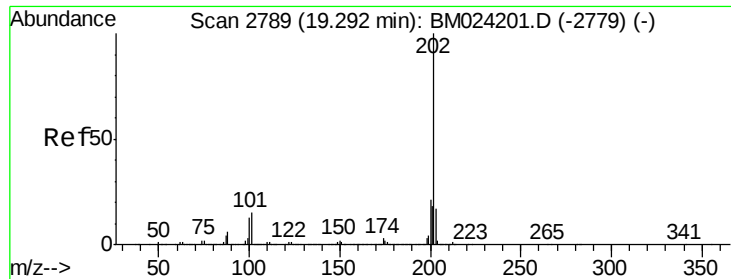
Tgt Ion:149 Resp: 2156469
Ion Ratio Lower Upper
149 100
150 9.1 7.0 10.6
104 5.3 4.2 6.2



#77
Fluoranthene
Concen: 22.321 ng/ul
RT: 18.93 min Scan# 2727
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Tgt Ion:202 Resp: 2045265
Ion Ratio Lower Upper
202 100
101 12.8 10.6 15.8
100 9.7 8.1 12.1





#80

Pyrene

Concen: 22.950 ng/ul

RT: 19.29 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

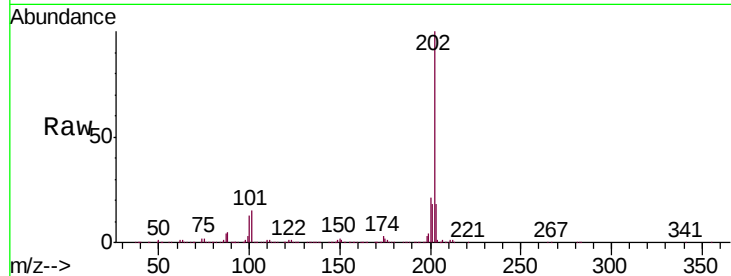
Tgt Ion:202 Resp: 2102268

Ion Ratio Lower Upper

202 100

101 15.0 12.2 18.4

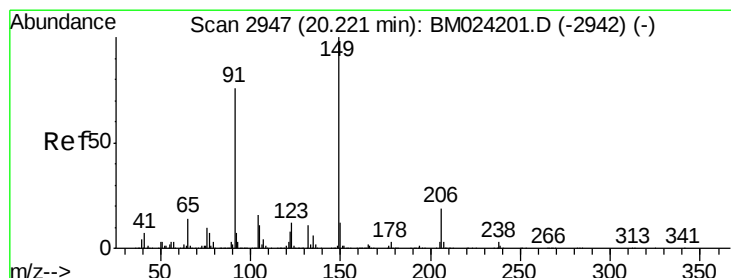
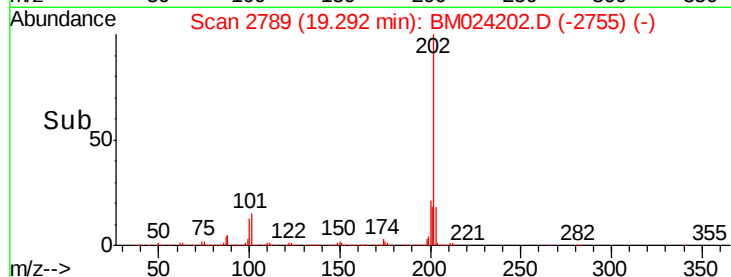
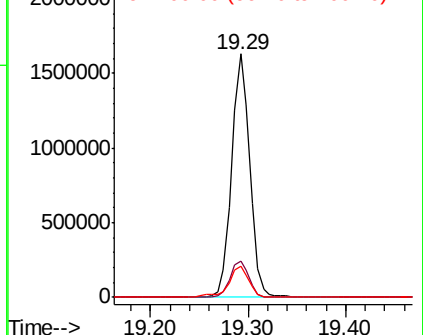
100 12.8 10.0 15.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Butylbenzylphthalate

Concen: 26.189 ng/ul

RT: 20.22 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

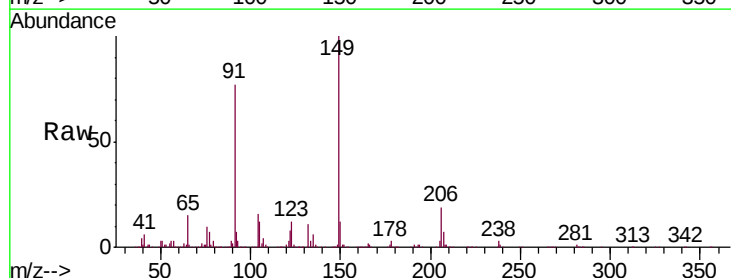
Tgt Ion:149 Resp: 945084

Ion Ratio Lower Upper

149 100

91 76.9 59.8 89.8

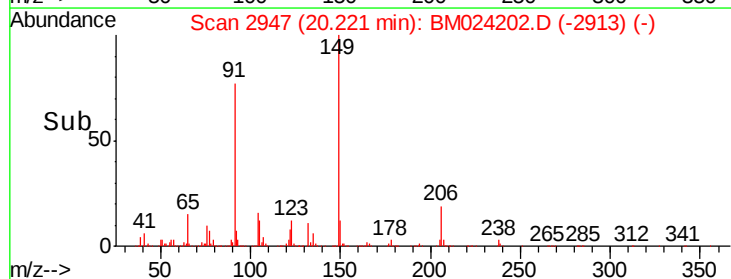
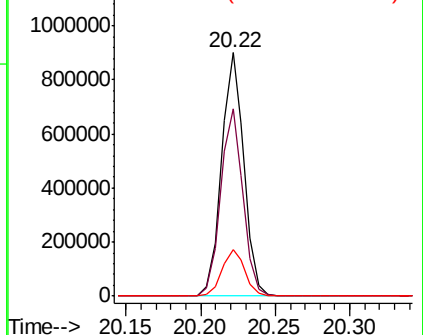
206 19.3 15.4 23.2

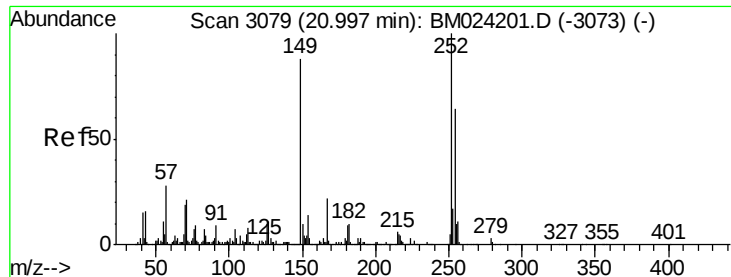


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 22.987 ng/ul

RT: 21.00 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

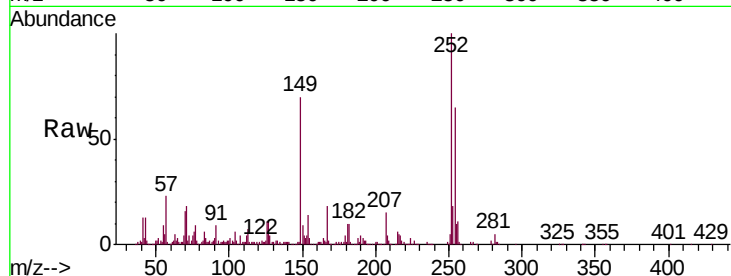
Tgt Ion:252 Resp: 716002

Ion Ratio Lower Upper

252 100

254 65.3 52.1 78.1

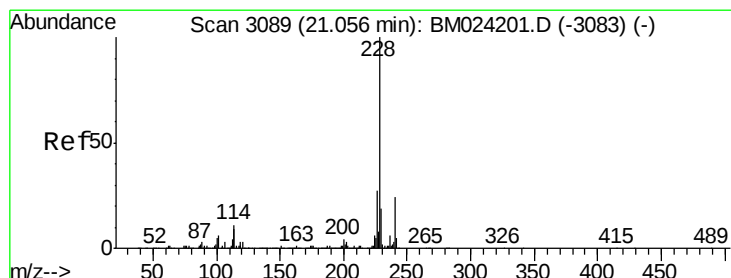
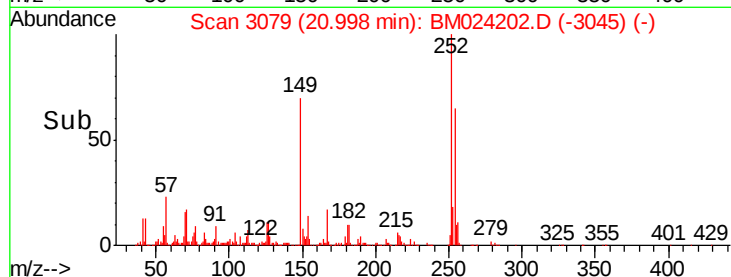
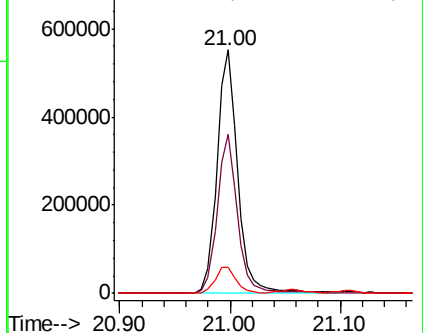
126 10.9 8.9 13.3



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



#83

Benzo(a)anthracene

Concen: 23.008 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

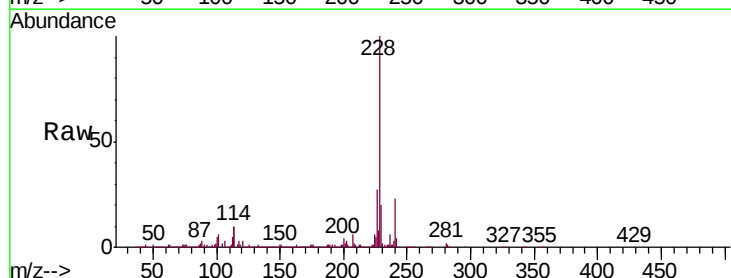
Tgt Ion:228 Resp: 2056829

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.8

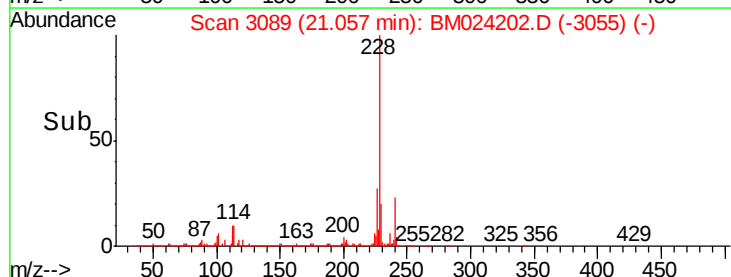
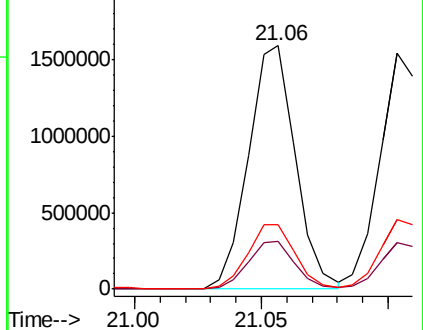
226 26.6 22.2 33.2

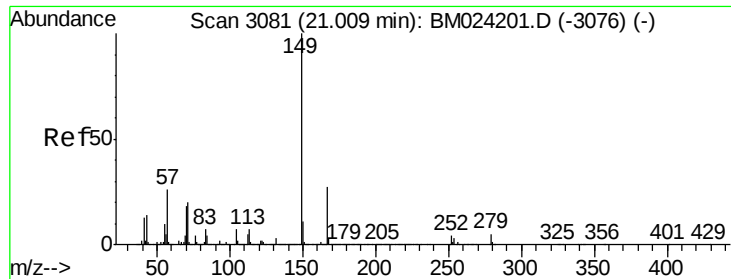


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

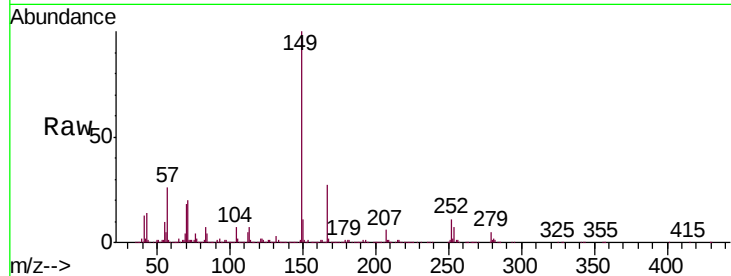




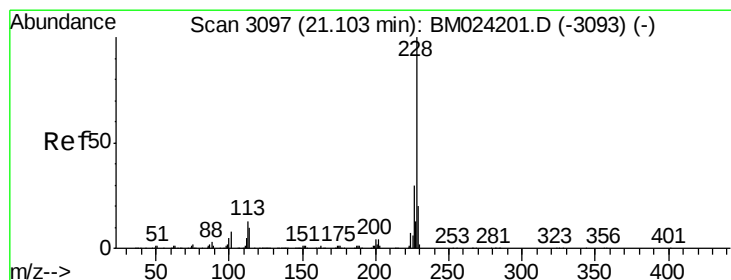
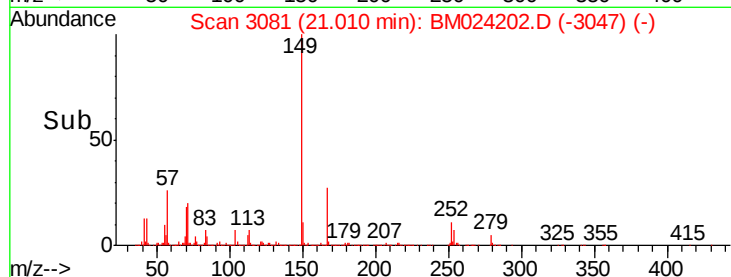
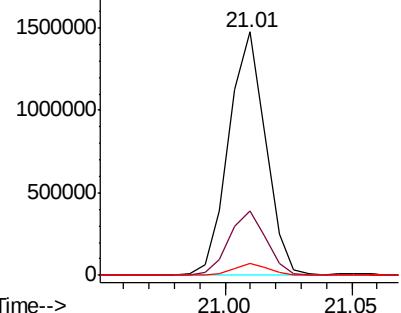
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 27.797 ng/ul
 RT: 21.01 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BM024202.D
 Acq: 20 Dec 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 A5167MS

Tgt Ion:149 Resp: 1494884
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 4.8 3.7 5.5

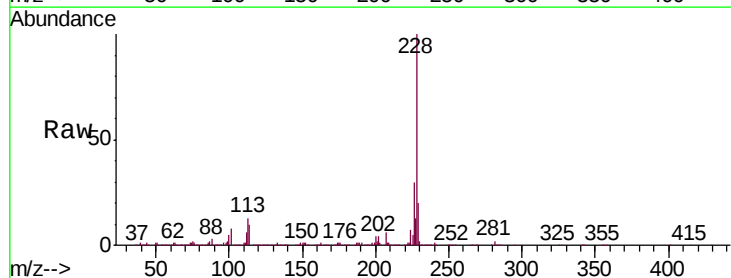


Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

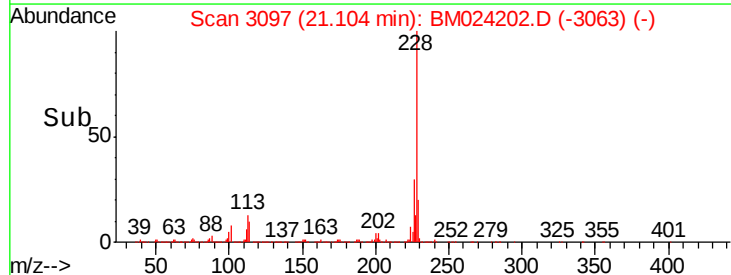
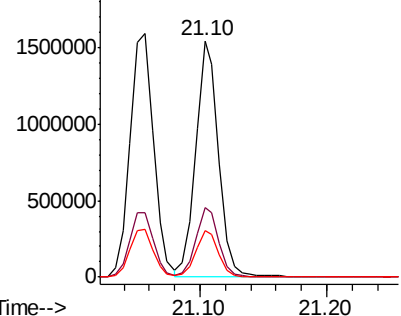


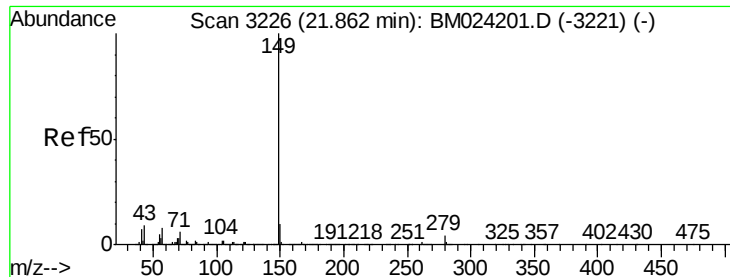
#85
 Chrysene
 Concen: 22.030 ng/ul
 RT: 21.10 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BM024202.D
 Acq: 20 Dec 2019 14:16

Tgt Ion:228 Resp: 1930368
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.0 36.0
 229 19.5 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E
 2000000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 28.900 ng/ul

RT: 21.86 min Scan# 3226

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

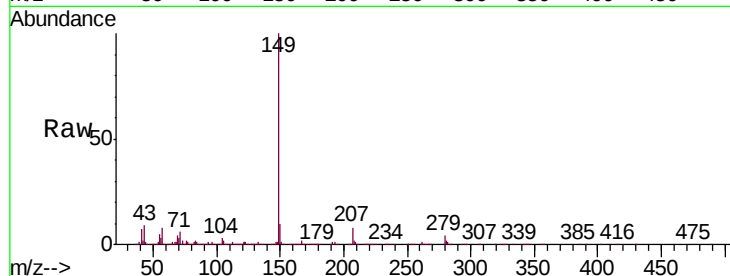
Instrument :

BNA_M

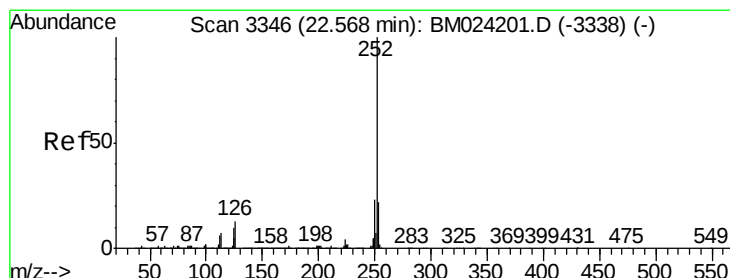
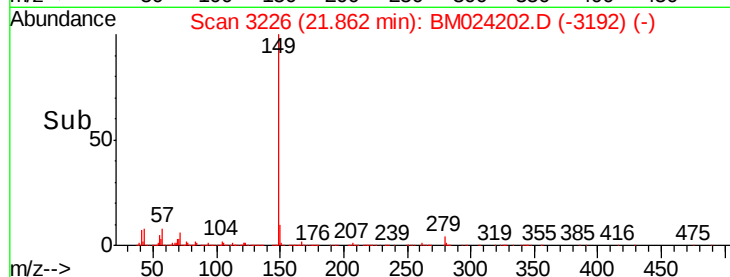
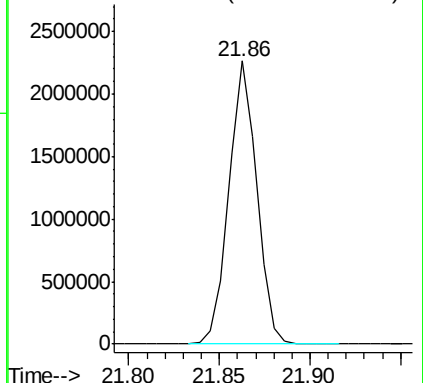
ClientSampleId :

A5167MS

Tgt Ion:149 Resp: 2420172



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 23.348 ng/ul

RT: 22.57 min Scan# 3346

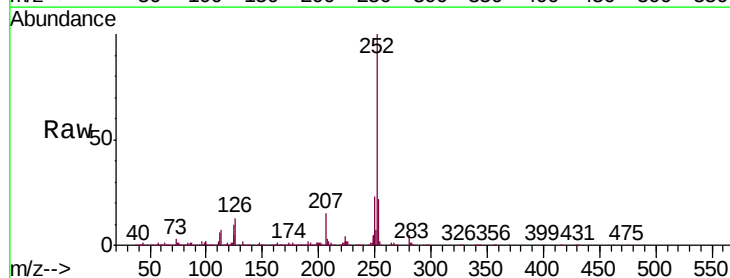
Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Tgt Ion:252 Resp: 2165217

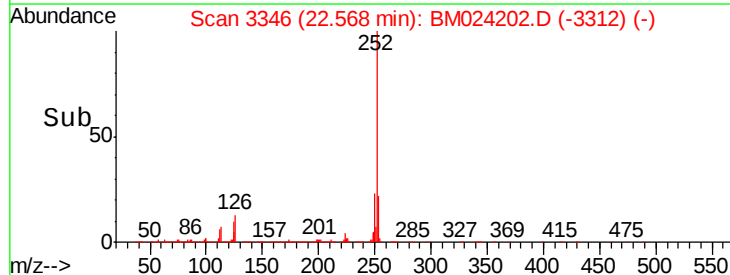
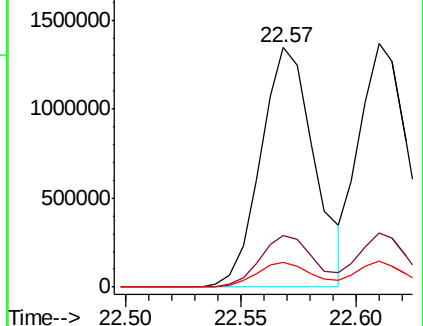
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.2	7.8	11.8

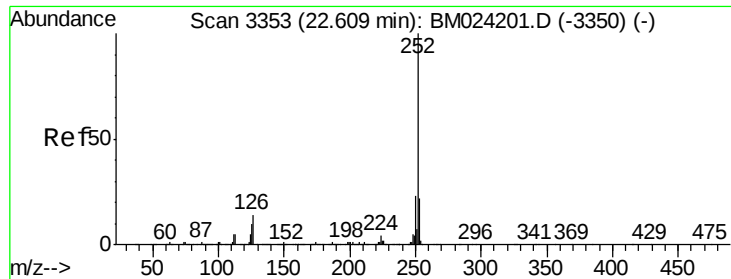


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 22.220 ng/ul

RT: 22.61 min Scan# 3353

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

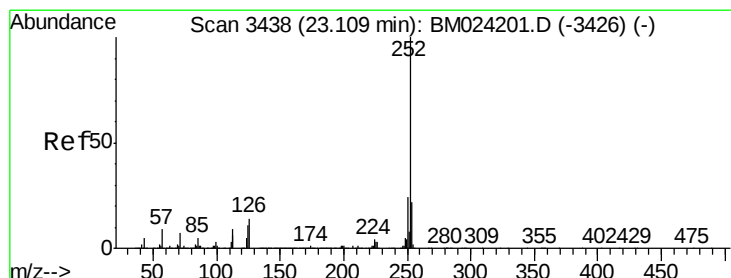
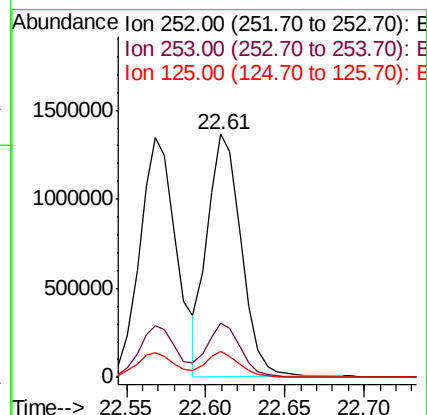
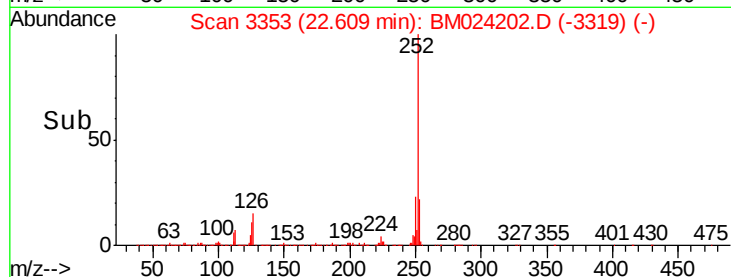
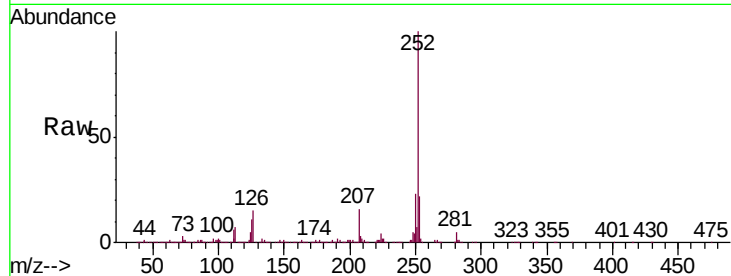
Tgt Ion:252 Resp: 2021908

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.8 7.9 11.9



#91

Benzo(a)pyrene

Concen: 24.049 ng/ul

RT: 23.11 min Scan# 3438

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

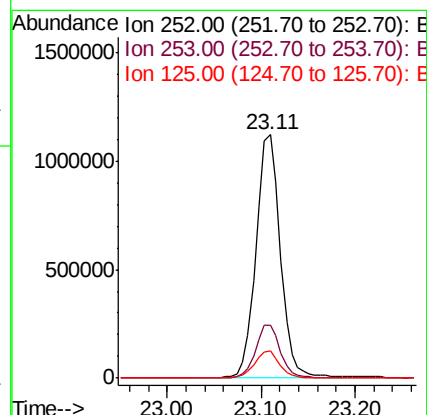
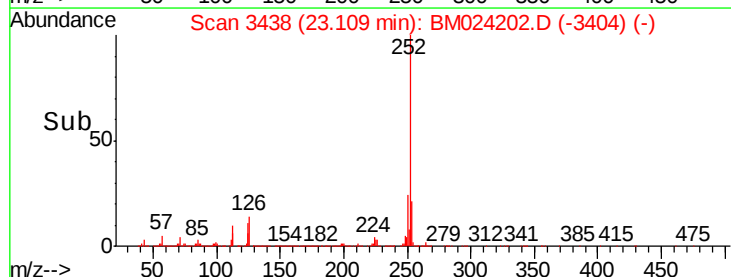
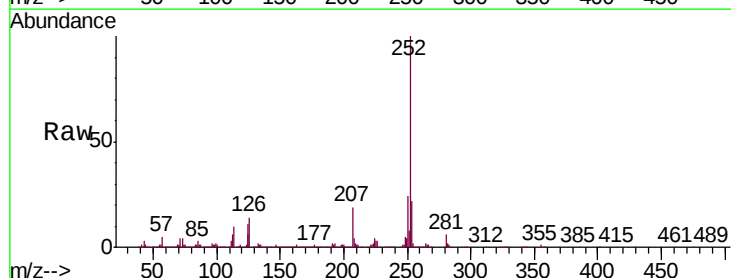
Tgt Ion:252 Resp: 2017587

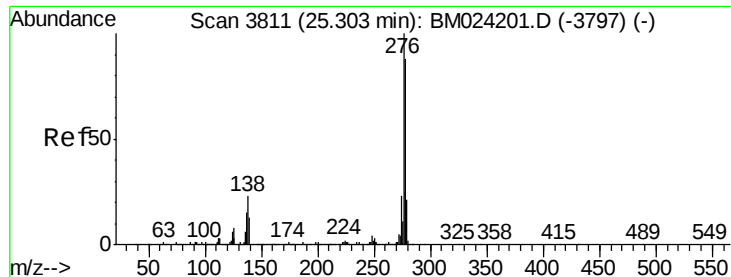
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 11.0 8.2 12.4



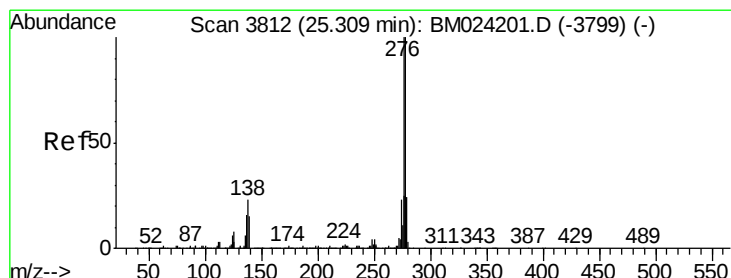
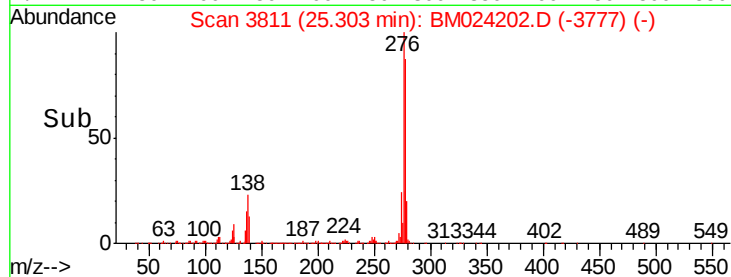
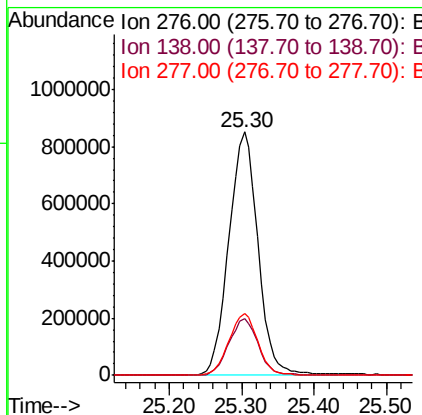
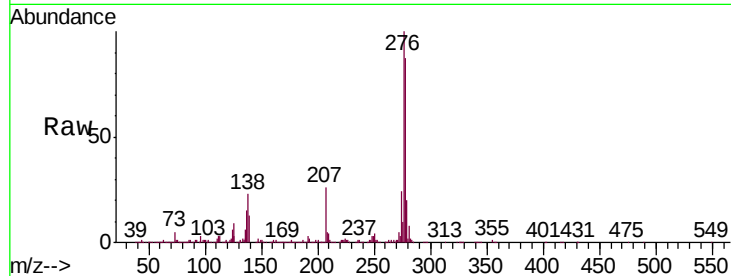


#92

Indeno(1,2,3-cd)pyrene
Concen: 23.679 ng/ul
RT: 25.30 min Scan# 3811
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Instrument :
BNA_M
ClientSampleId :
A5167MS

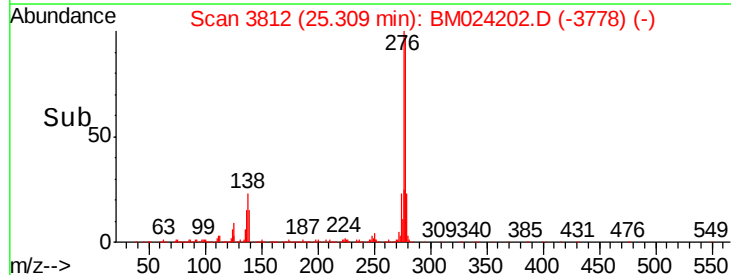
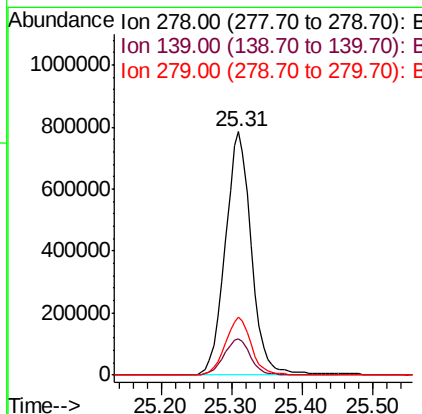
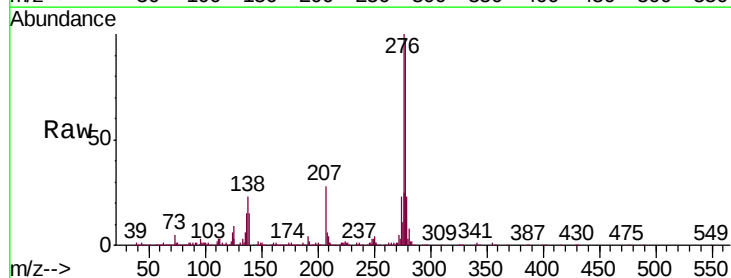
Tgt Ion:276 Resp: 2385411
Ion Ratio Lower Upper
276 100
138 23.2 18.3 27.5
277 25.3 20.2 30.2

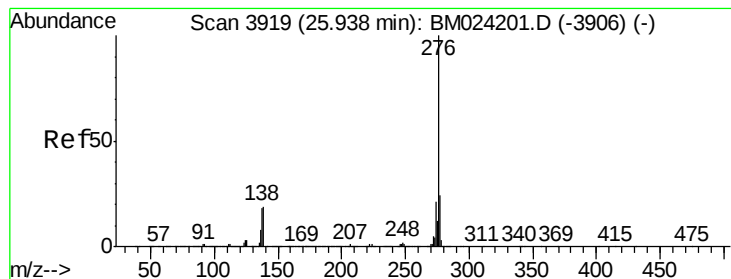


#93

Dibenzo(a,h)anthracene
Concen: 23.807 ng/ul
RT: 25.31 min Scan# 3812
Delta R.T. 0.00 min
Lab File: BM024202.D
Acq: 20 Dec 2019 14:16

Tgt Ion:278 Resp: 2010677
Ion Ratio Lower Upper
278 100
139 15.0 11.5 17.3
279 23.6 18.9 28.3





#94

Benzo(g,h,i)perylene

Concen: 24.115 ng/ul

RT: 25.94 min Scan# 3919

Delta R.T. 0.00 min

Lab File: BM024202.D

Acq: 20 Dec 2019 14:16

Instrument :

BNA_M

ClientSampleId :

A5167MS

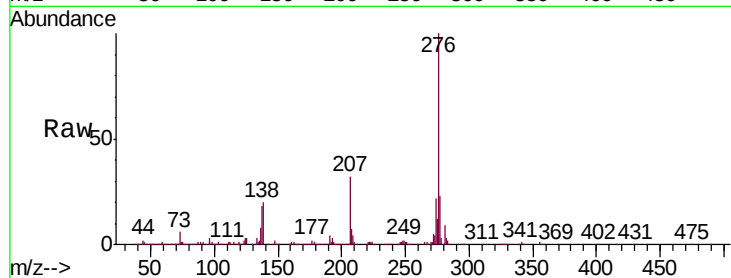
Tgt Ion:276 Resp: 1983454

Ion Ratio Lower Upper

276 100

138 19.7 15.3 22.9

277 23.2 19.3 28.9



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

