

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011520\
 Data File : BM024483.D
 Acq On : 15 Jan 2020 21:09
 Operator : JU
 Sample : SSTD16004
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 16 01:10:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 16 01:05:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	193230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	912947	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	674913	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1530305	20.00	ng/ul	0.01
78) Chrysene-d12	21.08	240	1393718	20.00	ng/ul	0.01
86) Perylene-d12	23.20	264	1131824	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	239235	53.42	ng/uL	0.00
5) Phenol-d5	6.67	99	2582622	171.17	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.82	67	1298132	146.70	ng/ul	0.01
9) 2-Chlorophenol-d4	7.02	132	2289860	179.55	ng/ul	0.01
13) 4-Methylphenol-d8	8.20	113	2275376	187.74	ng/ul	0.02
19) Nitrobenzene-d5	8.62	128	1111826	162.39	ng/ul	0.02
22) 2-Nitrophenol-d4	9.33	143	1359766	207.19	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.87	165	2771447	192.47	ng/ul	0.02
29) 4-Chloroaniline-d4	10.37	131	2485712	153.04	ng/ul	0.02
44) Dimethylphthalate-d6	13.55	166	8307501	171.36	ng/ul	0.02
47) Acenaphthylene-d8	13.81	160	10070823	160.90	ng/ul	0.01
52) 4-Nitrophenol-d4	14.37	143	1506586	176.24	ng/ul	0.05
58) Fluorene-d10	15.12	176	7491766	174.35	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.26	200	1706276	248.85	ng/ul	0.03
71) Anthracene-d10	16.87	188	1530305	21.35	ng/ul	-0.09
79) Pyrene-d10	19.27	212	12854447	172.63	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.07	264	10072607	174.29	ng/ul	0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.09	88	242429	53.838	ng/uL 94
4) Benzaldehyde	6.62	77	961809	115.260	ng/ul 98
6) Phenol	6.70	94	2595665	168.793	ng/ul 96
8) Bis(2-Chloroethyl)ether	6.92	93	1879438	155.954	ng/ul 98
10) 2-Chlorophenol	7.05	128	2265726	178.208	ng/ul 98
11) 2-Methylphenol	7.92	108	2100494	181.590	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.01	45	2145398	132.337	ng/ul 100
14) Acetophenone	8.29	105	3427740	183.878	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.32	70	1626793	172.546	ng/ul 96
16) 4-Methylphenol	8.27	108	2291980	185.084	ng/ul 97
17) Hexachloroethane	8.53	117	910771	164.308	ng/ul 93
20) Nitrobenzene	8.66	77	2533333	150.628	ng/ul 96
21) Isophorone	9.20	82	4825271	157.190	ng/ul 99
23) 2-Nitrophenol	9.36	139	1415466	195.665	ng/ul 93
24) 2,4-Dimethylphenol	9.45	107	2758279	167.547	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.67	93	2832836	154.085	ng/ul 99
27) 2,4-Dichlorophenol	9.90	162	2637285	191.322	ng/ul 97
28) Naphthalene	10.28	128	7611599	161.298	ng/ul 99
30) 4-Chloroaniline	10.40	127	2451354	154.271	ng/ul 98
31) Hexachlorobutadiene	10.59	225	1916145	191.486	ng/ul 99
32) Caprolactam	11.23	113	437992	104.464	ng/ul 96
33) 4-Chloro-3-methylphenol	11.56	107	2663658	184.888	ng/ul 99
34) 2-Methylnaphthalene	11.91	142	5903456	180.585	ng/ul 100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	5970016	182.500	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	3848346	173.786	ng/ul	98
38) Hexachlorocyclopentadiene	12.28	237	2851009	175.863	ng/ul	98
39) 2,4,6-Trichlorophenol	12.54	196	2451199	187.015	ng/ul	99
40) 2,4,5-Trichlorophenol	12.62	196	2597884	184.390	ng/ul	98
41) 1,1'-Biphenyl	12.95	154	8132099	157.053	ng/ul	99
42) 2-Chloronaphthalene	12.98	162	6530626	157.368	ng/ul	99
43) 2-Nitroaniline	13.20	65	1682943	167.137	ng/ul	95
45) Dimethylphthalate	13.60	163	8436291	169.590	ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	1860190	208.479	ng/ul	93
48) Acenaphthylene	13.84	152	10193211	158.037	ng/ul	99
49) 3-Nitroaniline	14.04	138	1400543	169.106	ng/ul	94
50) Acenaphthene	14.19	153	6935599	161.725	ng/ul	99
51) 2,4-Dinitrophenol	14.24	184	1152693	300.708	ng/ul	93
53) 4-Nitrophenol	14.39	109	1321936	177.307	ng/ul	93
54) Dibenzofuran	14.53	168	9796308	165.440	ng/ul	100
55) 2,4-Dinitrotoluene	14.51	165	2688388	217.191	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.76	232	2525860	224.222	ng/ul#	95
57) Diethylphthalate	14.99	149	8738932	178.661	ng/ul	99
59) Fluorene	15.18	166	8756036	179.034	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.18	204	4949798	194.031	ng/ul	97
61) 4-Nitroaniline	15.23	138	1708431	172.765	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.28	198	1772856	236.029	ng/ul#	96
65) N-Nitrosodiphenylamine	15.40	169	7169770	157.581	ng/ul	100
66) 4-Bromophenyl-phenylether	16.07	248	3144877	182.617	ng/ul	100
67) Hexachlorobenzene	16.19	284	3466046	173.188	ng/ul	98
68) Atrazine	16.38	200	2887713	170.755	ng/ul	99
69) Pentachlorophenol	16.53	266	2232035	205.215	ng/ul	98
70) Phenanthrene	16.92	178	13024981	156.063	ng/ul	93
72) Anthracene	16.92	178	13024981	152.303	ng/ul	93
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	3794634	156.015	ng/uL	98
74) Pentachlorobenzene	14.45	250	3885759	165.891	ng/uL	98
75) Carbazole	17.28	167	11415477	154.644	ng/ul	99
76) Di-n-butylphthalate	17.87	149	12812103	148.174	ng/ul#	92
77) Fluoranthene	18.93	202	14241145	146.702	ng/ul#	93
80) Pvrene	19.30	202	13971542	144.981	ng/ul#	85
81) Butylbenzylphthalate	20.24	149	6707895	193.391	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	4830082	150.378	ng/ul	97
83) Benzo(a)anthracene	21.06	228	13971005	147.116	ng/ul#	87
84) Bis(2-ethylhexyl)phthalate	21.04	149	9605780	182.030	ng/ul#	92
85) Chrysene	21.12	228	12650433	138.076	ng/ul	91
87) Di-n-octyl phthalate	21.89	149	12622139	200.761	ng/ul	100
88) Benzo(b)fluoranthene	22.58	252	13035647	188.643	ng/ul	98
89) Benzo(k)fluoranthene	22.63	252	12292474	181.445	ng/ul	97
91) Benzo(a)pyrene	23.12	252	11055358	172.567	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.31	276	11874432	143.840	ng/ul#	92
93) Dibenzo(a,h)anthracene	25.31	278	10176326	145.380	ng/ul	98
94) Benzo(a,h,i)perylene	25.93	276	9406938	135.891	ng/ul	100

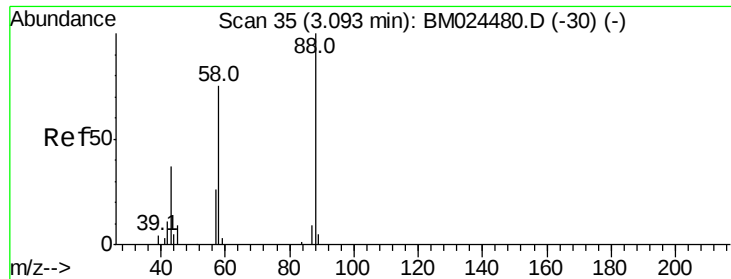
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 53.838 ng/uL

RT: 3.09 min Scan# 35

Delta R.T. 0.00 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampleId :

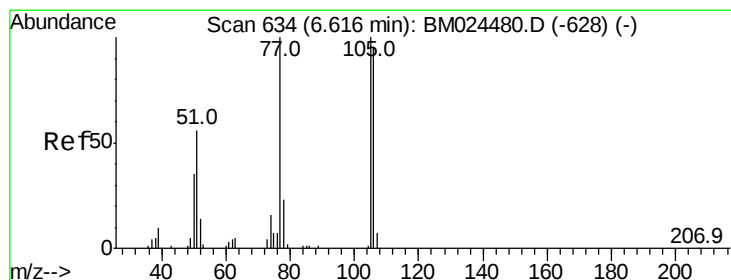
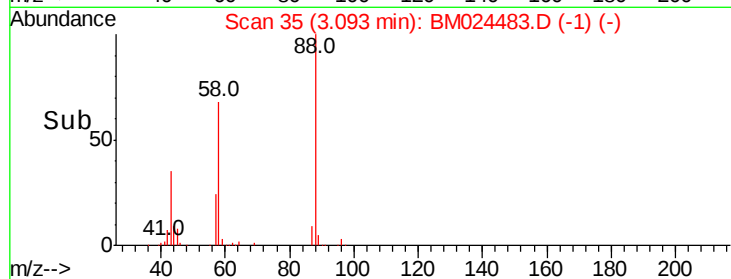
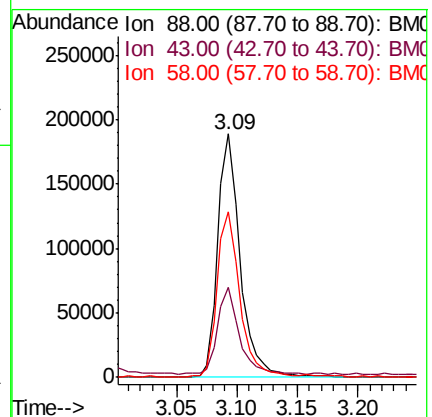
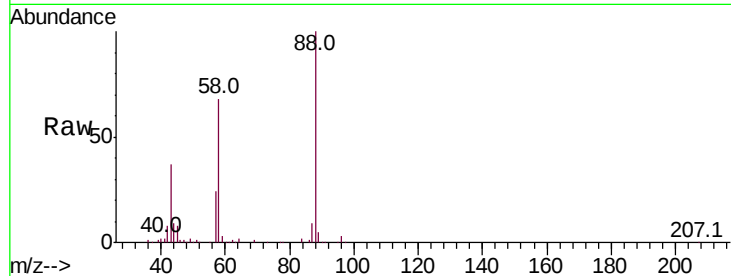
Tot Ion: 88 Resp: 242429

Ion Ratio Lower Upper

88 100

43 36.8 31.7 47.5

58 68.1 59.0 88.6



#4

Benzaldehyde

Concen: 115.260 ng/uL

RT: 6.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

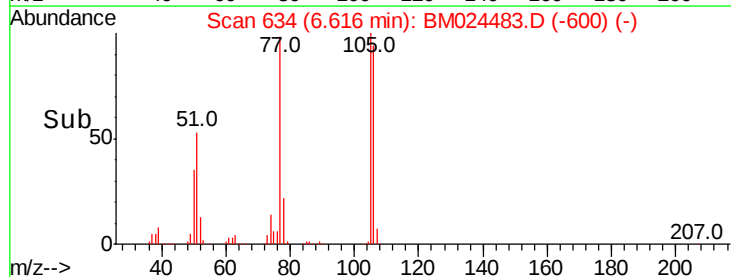
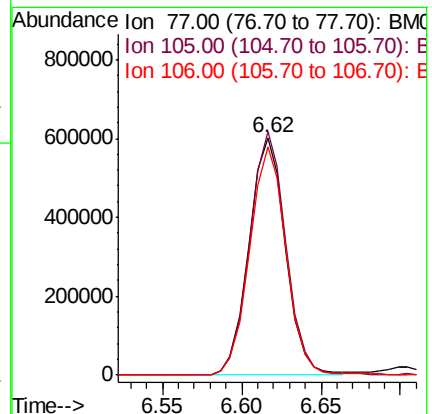
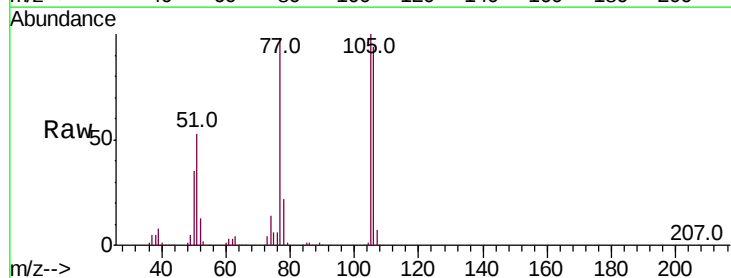
Tgt Ion: 77 Resp: 961809

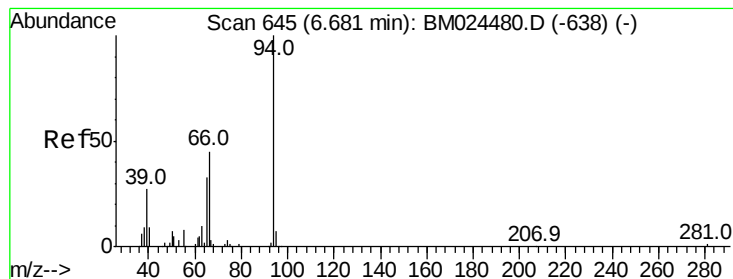
Ion Ratio Lower Upper

77 100

105 102.4 80.1 120.1

106 95.9 76.0 114.0





#6

Phenol

Concen: 168.793 ng/ul

RT: 6.70 min Scan# 649

Delta R.T. 0.02 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampleId :

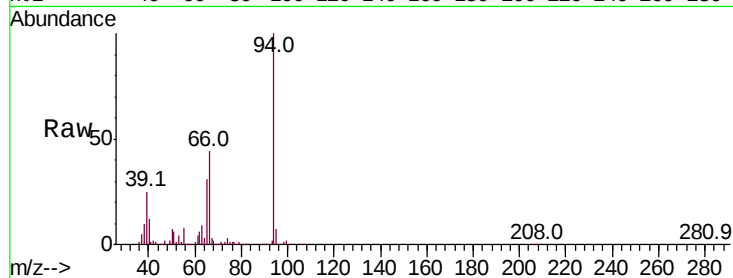
Tot Ion: 94 Resp: 2595665

Ion Ratio Lower Upper

94 100

65 31.1 26.7 40.1

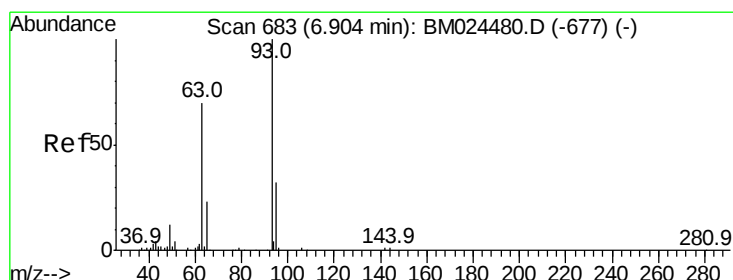
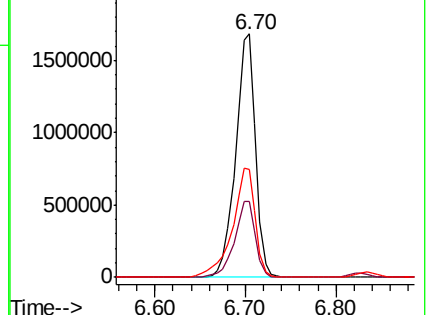
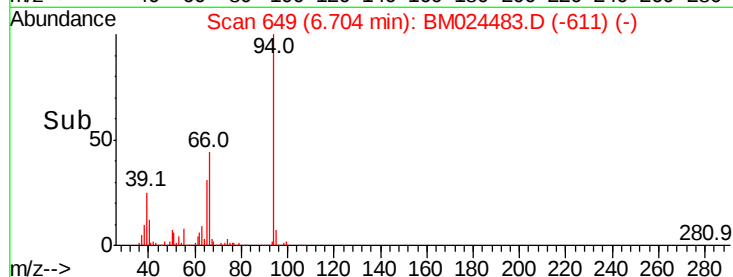
66 44.5 38.1 57.1



Abundance Ion 94.00 (93.70 to 94.70): BM024483.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM024483.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM024483.D (-649) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 155.954 ng/ul

RT: 6.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

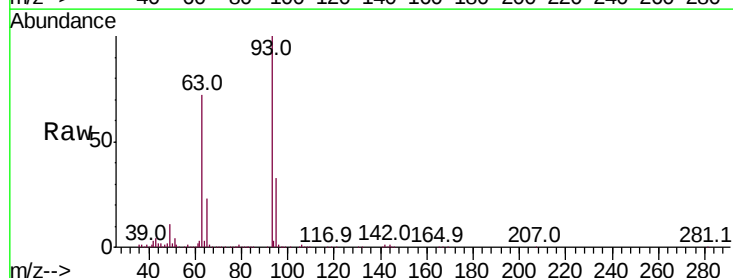
Tgt Ion: 93 Resp: 1879438

Ion Ratio Lower Upper

93 100

63 72.0 56.2 84.4

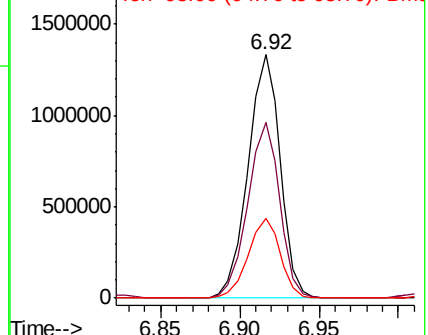
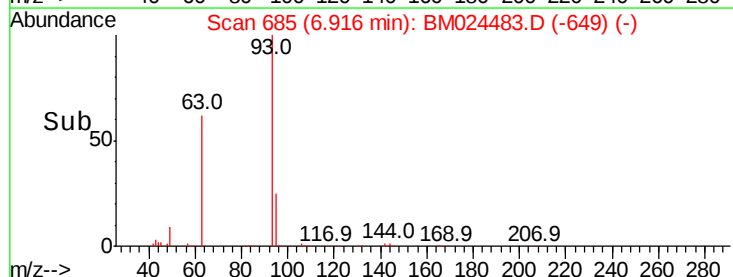
95 32.8 25.4 38.0

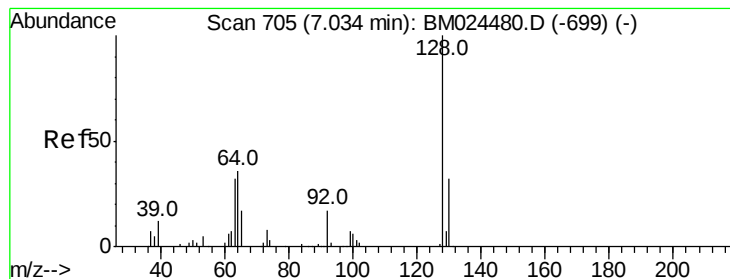


Abundance Ion 93.00 (92.70 to 93.70): BM024483.D (-649) (-)

Ion 63.00 (62.70 to 63.70): BM024483.D (-649) (-)

Ion 95.00 (94.70 to 95.70): BM024483.D (-649) (-)





#10

2-Chlorophenol

Concen: 178.208 ng/ul

RT: 7.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampleId :

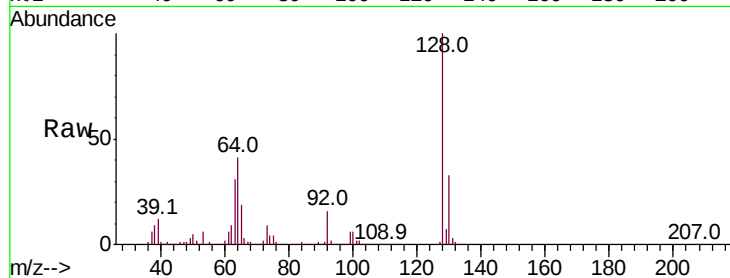
Tot Ion:128 Resp: 2265726

Ion Ratio Lower Upper

128 100

64 40.7 34.0 51.0

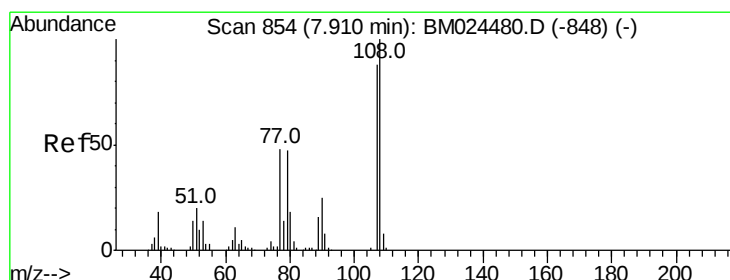
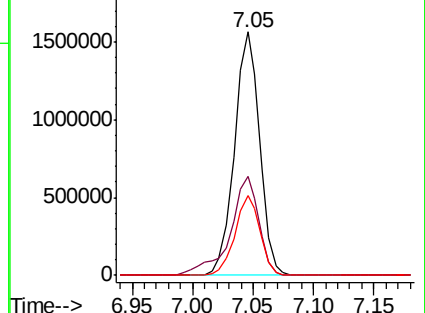
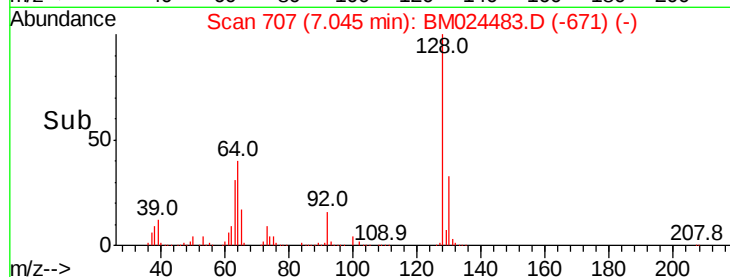
130 32.8 25.4 38.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 181.590 ng/ul

RT: 7.92 min Scan# 856

Delta R.T. 0.01 min

Lab File: BM024483.D

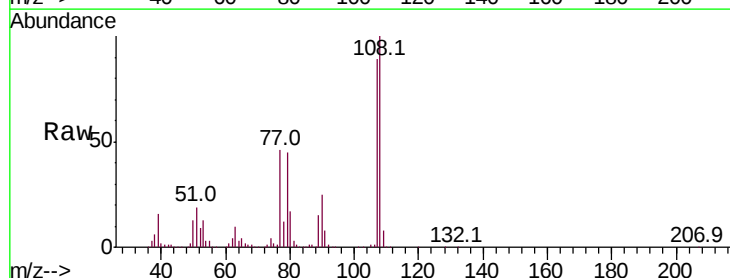
Acq: 15 Jan 2020 21:09

Tgt Ion:108 Resp: 2100494

Ion Ratio Lower Upper

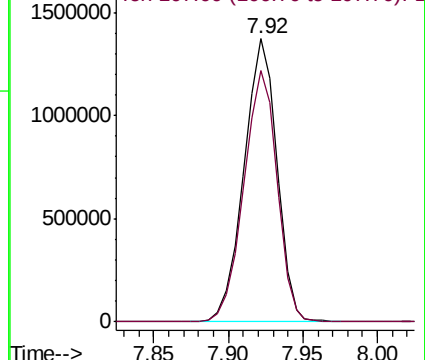
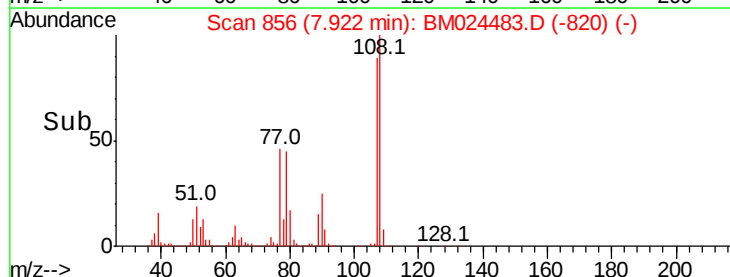
108 100

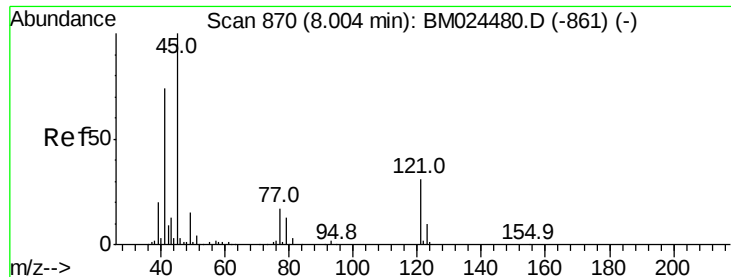
107 88.9 70.6 105.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

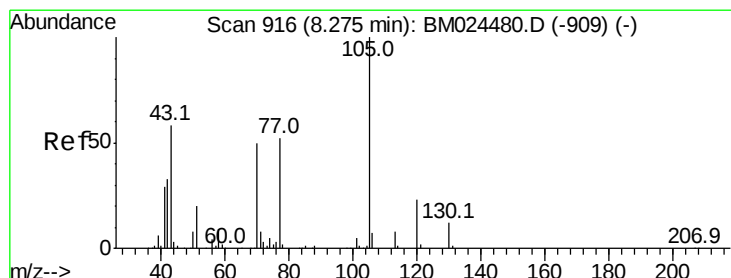
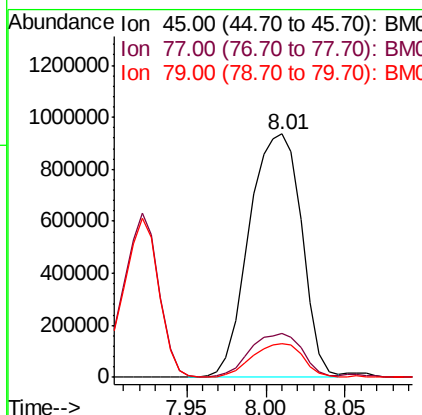
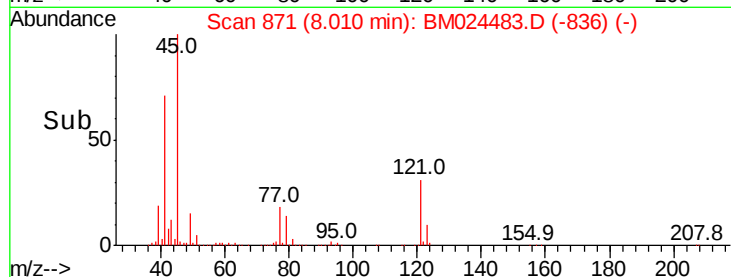
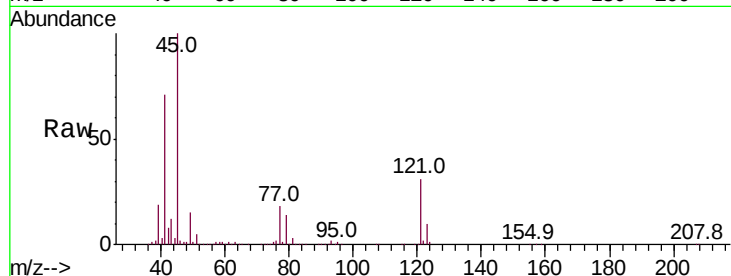




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 132.337 ng/ul
RT: 8.01 min Scan# 871
Delta R.T. 0.01 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

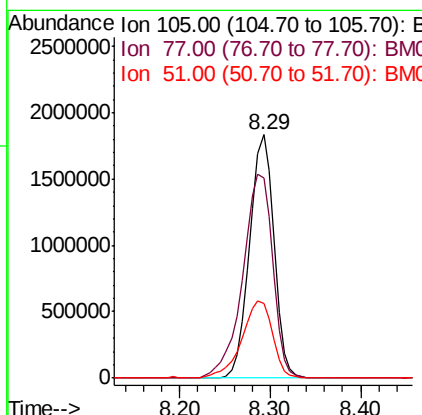
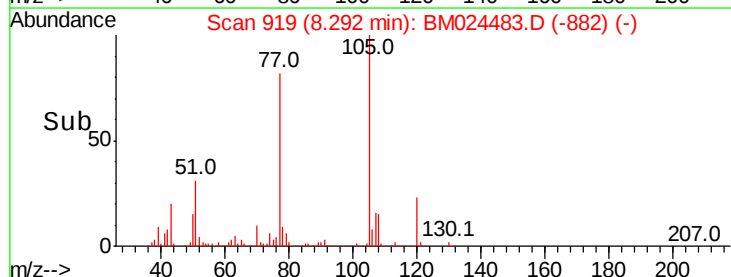
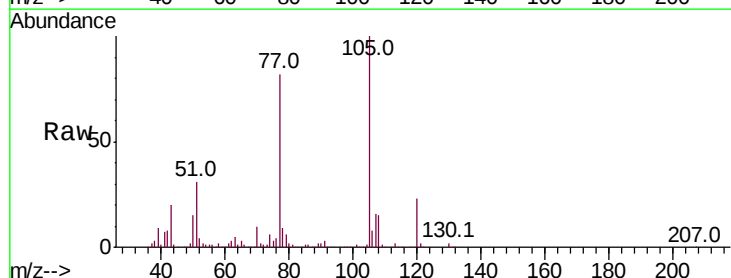
Instrument :
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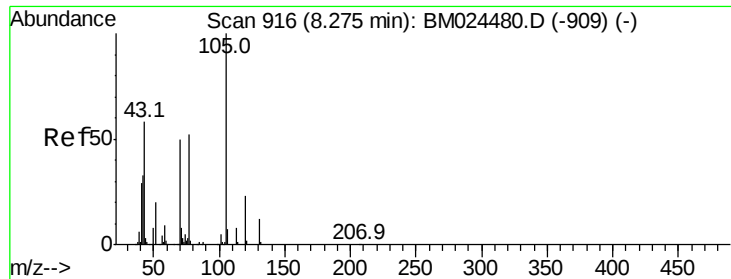
Tot Ion: 45 Resp: 2145398
Ion Ratio Lower Upper
45 100
77 17.9 14.5 21.7
79 13.8 11.2 16.8



#14
Acetophenone
Concen: 183.878 ng/ul
RT: 8.29 min Scan# 919
Delta R.T. 0.02 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Tgt Ion:105 Resp: 3427740
Ion Ratio Lower Upper
105 100
77 82.0 60.6 90.8
51 30.7 24.4 36.6





#15

N-Nitroso-di-n-propylamine

Concen: 172.546 ng/ul

RT: 8.32 min Scan# 924

Delta R.T. 0.05 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 1626793

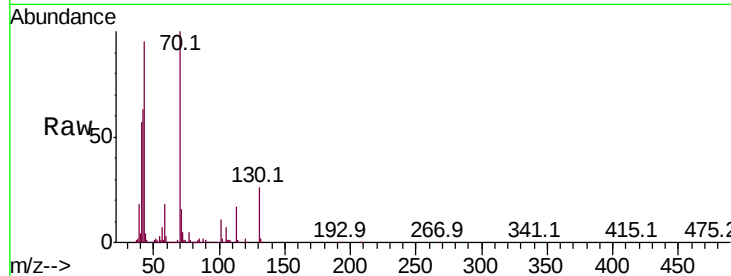
Ion Ratio Lower Upper

70 100

42 63.3 54.1 81.1

101 10.9 8.6 12.8

130 25.9 19.8 29.6



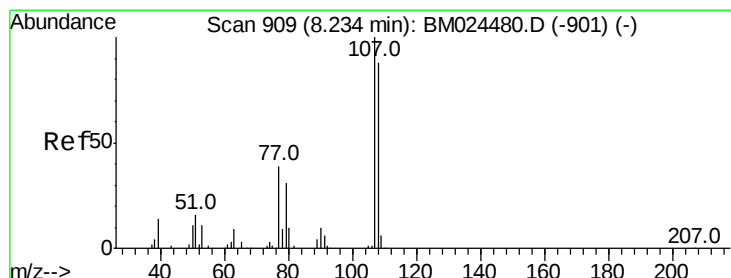
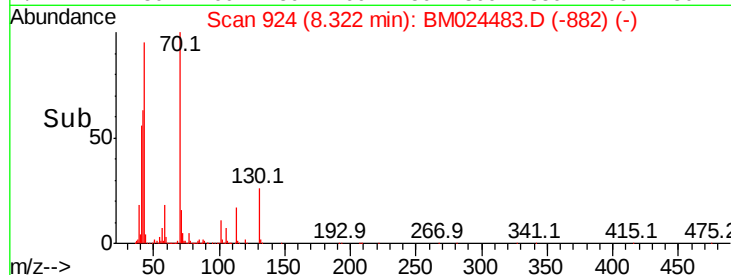
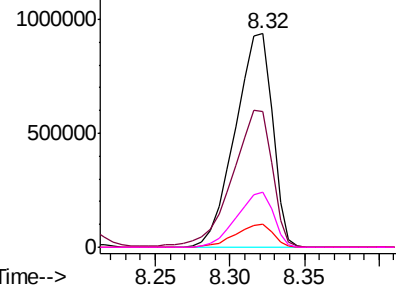
Abundance

Ion 70.00 (69.70 to 70.70): BM024483.D (-882) (-)

Ion 42.00 (41.70 to 42.70): BM024483.D (-882) (-)

Ion 101.00 (100.70 to 101.70): BM024483.D (-882) (-)

Ion 130.00 (129.70 to 130.70): BM024483.D (-882) (-)



#16

4-Methylphenol

Concen: 185.084 ng/ul

RT: 8.27 min Scan# 916

Delta R.T. 0.04 min

Lab File: BM024483.D

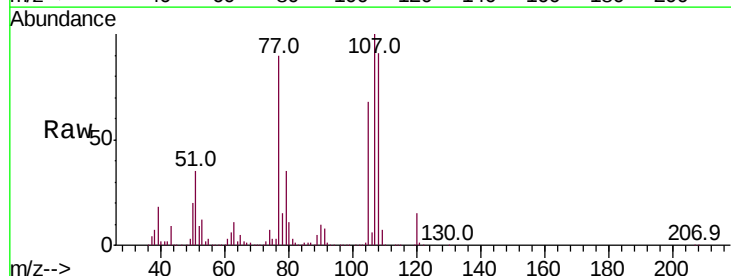
Acq: 15 Jan 2020 21:09

Tgt Ion: 108 Resp: 2291980

Ion Ratio Lower Upper

108 100

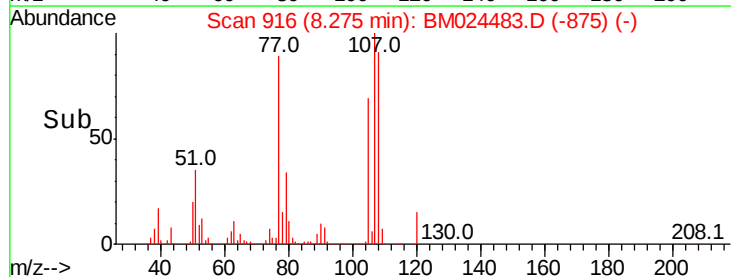
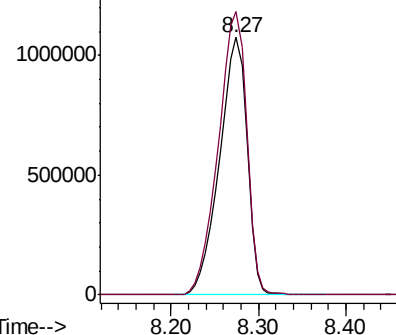
107 109.9 90.5 135.7

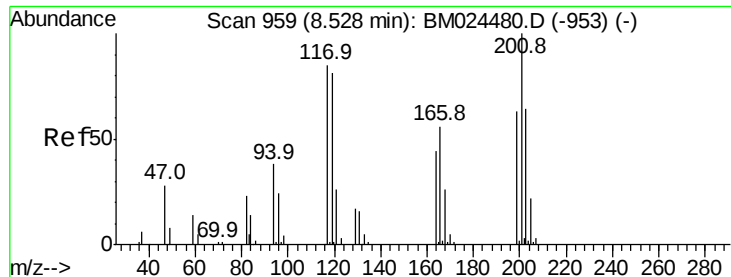


Abundance

Ion 108.00 (107.70 to 108.70): BM024483.D (-875) (-)

Ion 107.00 (106.70 to 107.70): BM024483.D (-875) (-)





#17

Hexachloroethane

Concen: 164.308 ng/ul

RT: 8.53 min Scan# 960

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampled :

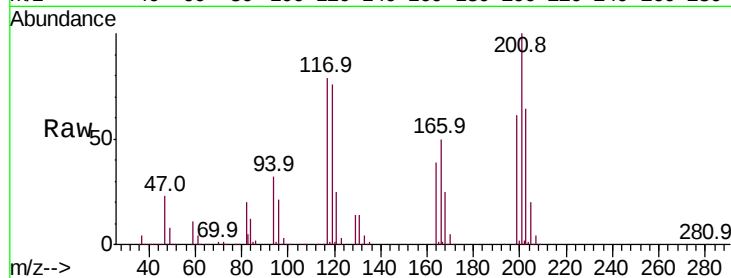
Tot Ion:117 Resp: 910771

Ion Ratio Lower Upper

117 100

201 127.1 94.6 141.8

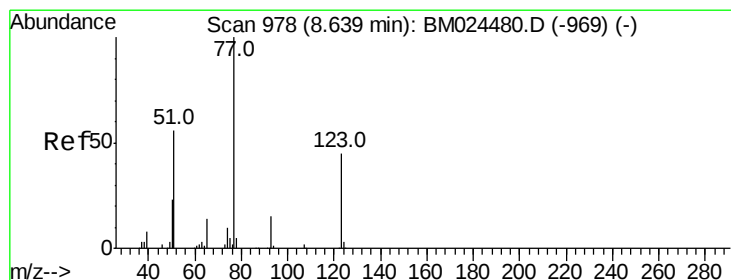
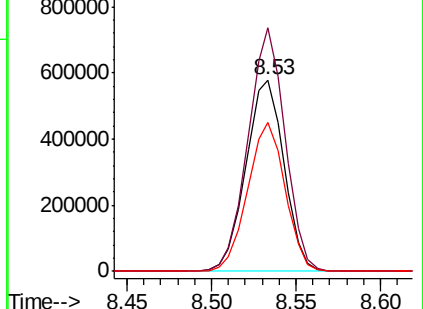
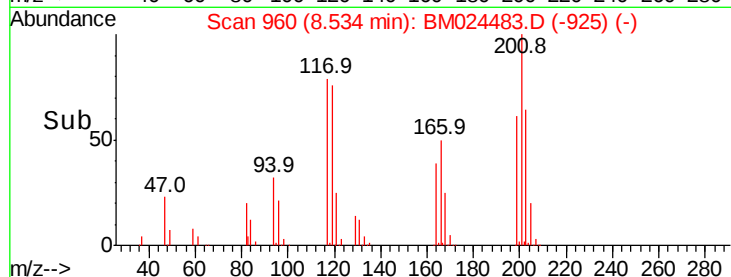
199 77.7 59.1 88.7



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: 150.628 ng/ul

RT: 8.66 min Scan# 981

Delta R.T. 0.02 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

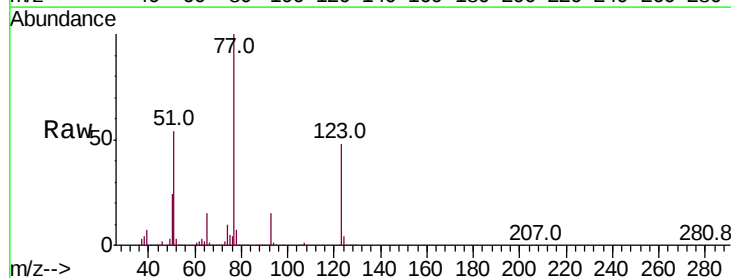
Tgt Ion: 77 Resp: 2533333

Ion Ratio Lower Upper

77 100

123 47.8 35.7 53.5

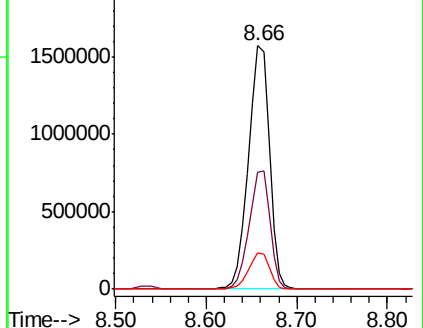
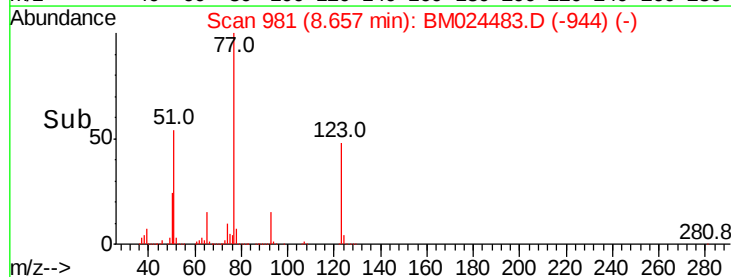
65 14.8 11.5 17.3

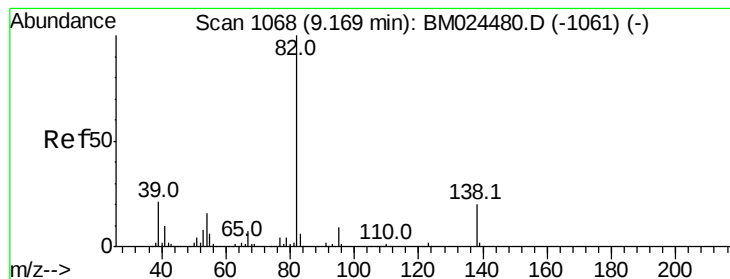


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 157.190 ng/ul

RT: 9.20 min Scan# 1074

Delta R.T. 0.04 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampleId :

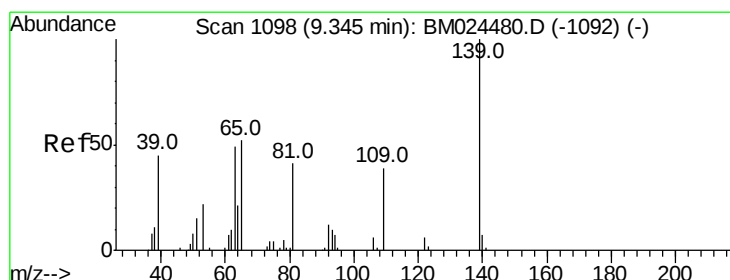
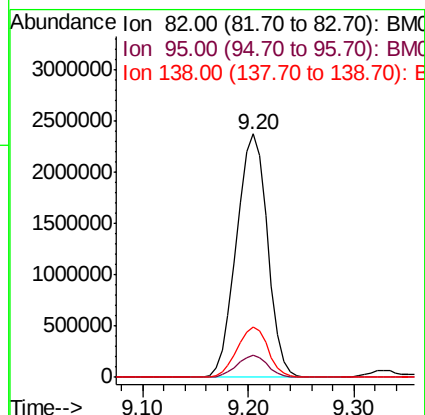
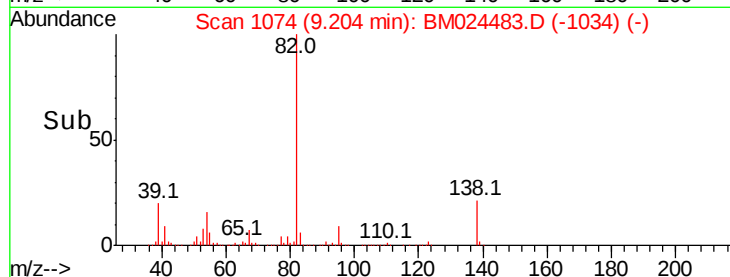
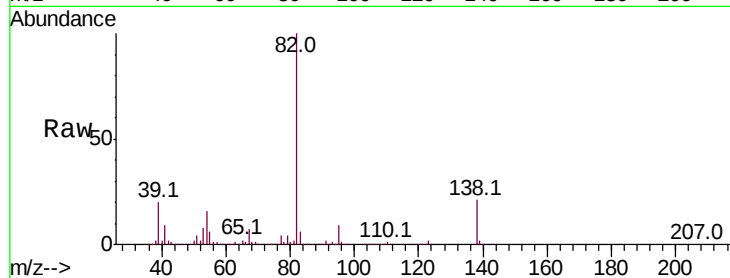
Tot Ion: 82 Resp: 4825271

Ion Ratio Lower Upper

82 100

95 9.0 7.2 10.8

138 20.5 15.8 23.8



#23

2-Nitrophenol

Concen: 195.665 ng/ul

RT: 9.36 min Scan# 1101

Delta R.T. 0.02 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

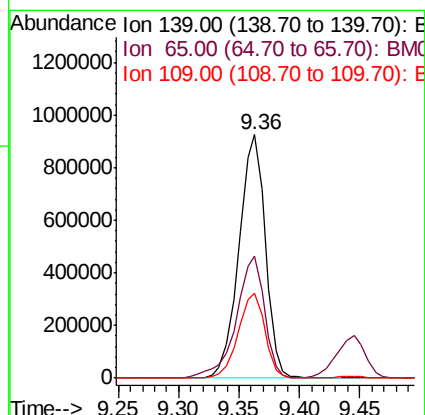
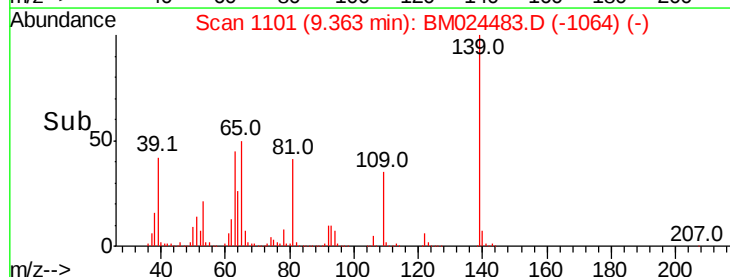
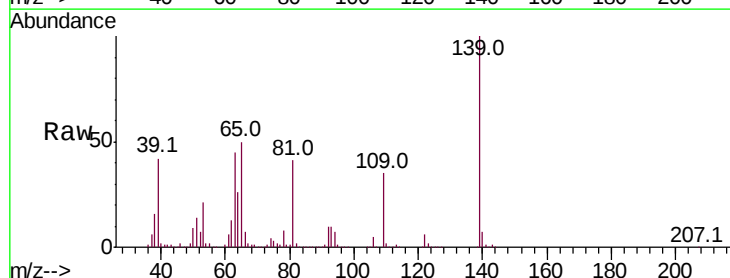
Tgt Ion: 139 Resp: 1415466

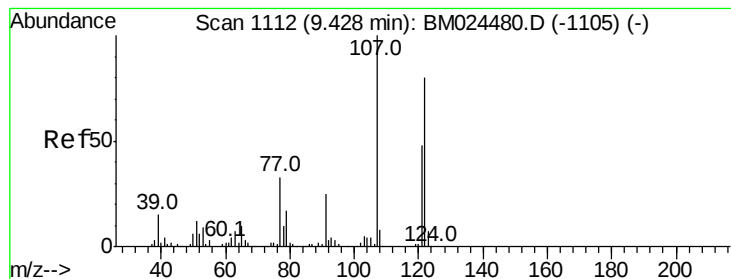
Ion Ratio Lower Upper

139 100

65 50.0 43.9 65.9

109 34.8 31.4 47.0





#24

2,4-Dimethylphenol

Concen: 167.547 ng/ul

RT: 9.45 min Scan# 1115

Delta R.T. 0.02 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampled :

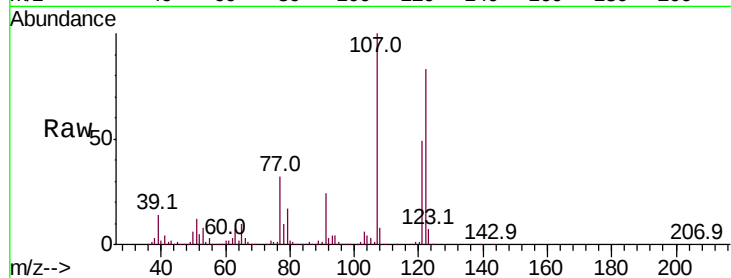
Tot Ion:107 Resp: 2758279

Ion Ratio Lower Upper

107 100

121 49.0 38.4 57.6

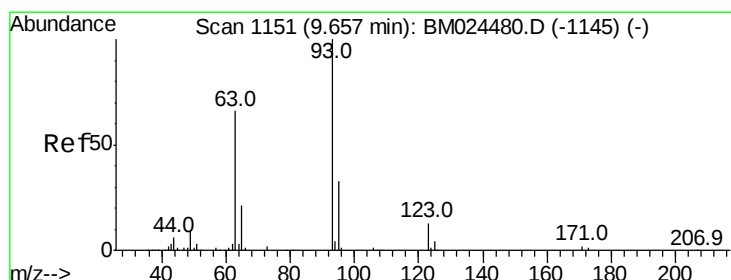
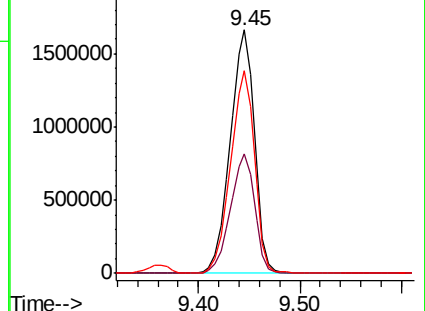
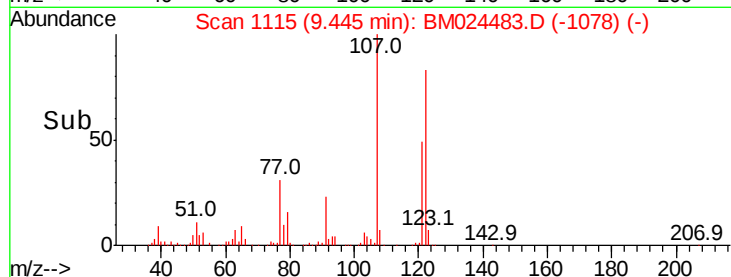
122 83.4 64.3 96.5



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: 154.085 ng/ul

RT: 9.67 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

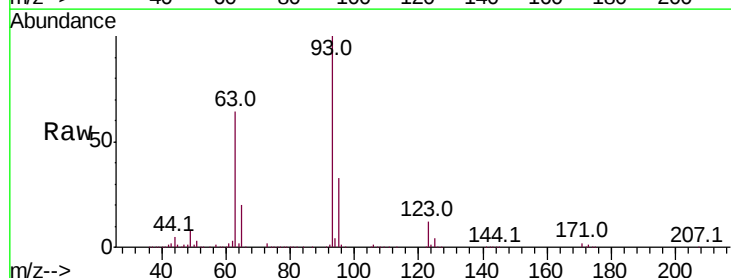
Tgt Ion: 93 Resp: 2832836

Ion Ratio Lower Upper

93 100

95 32.8 26.6 40.0

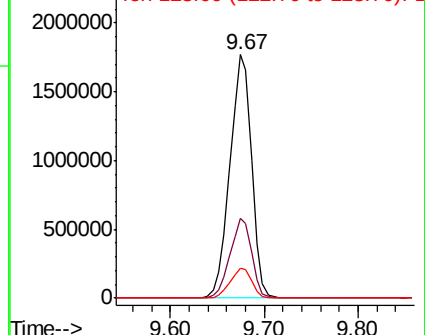
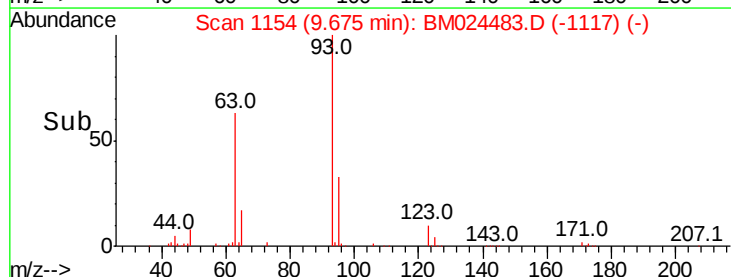
123 12.5 10.2 15.2

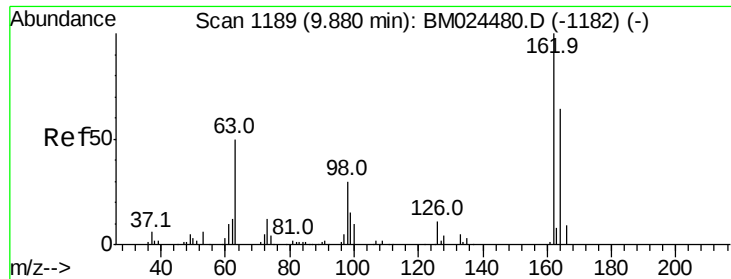


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 191.322 ng/ul

RT: 9.90 min Scan# 1192

Delta R.T. 0.02 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampleId :

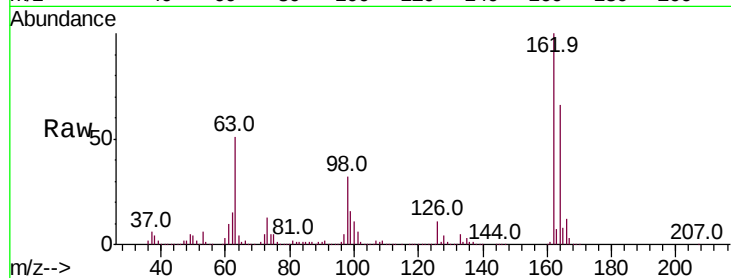
Tot Ion:162 Resp: 2637285

Ion Ratio Lower Upper

162 100

164 66.2 51.4 77.2

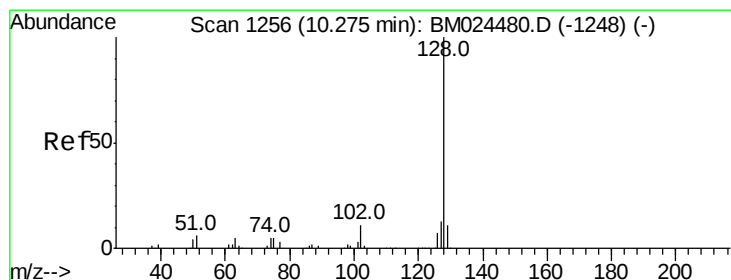
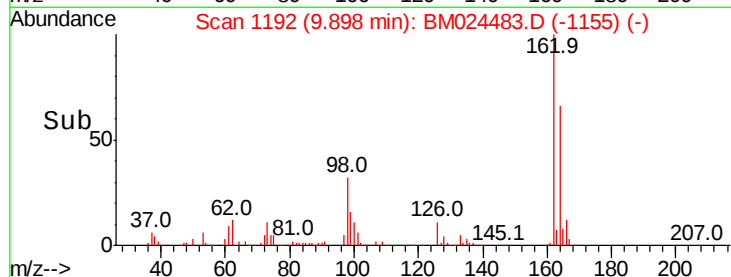
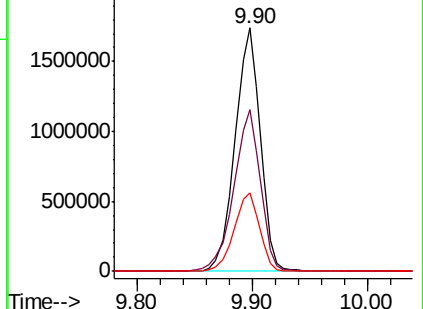
98 32.0 24.3 36.5



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: 161.298 ng/ul

RT: 10.28 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

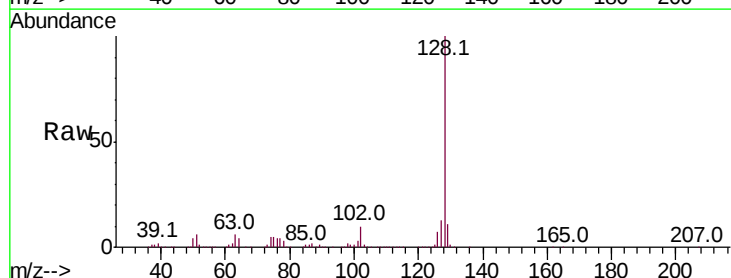
Tgt Ion:128 Resp: 7611599

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

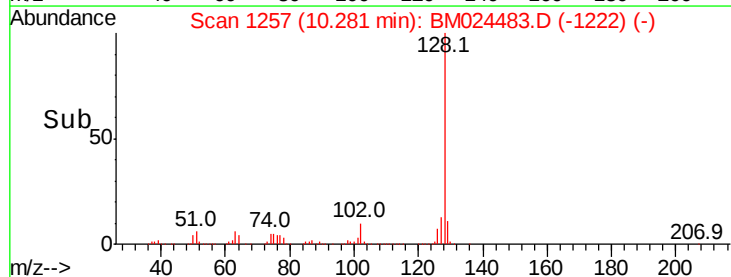
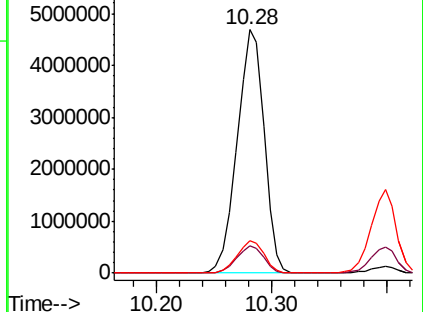
127 13.5 10.4 15.6

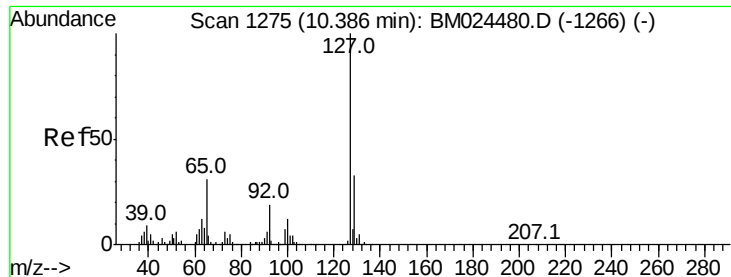


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

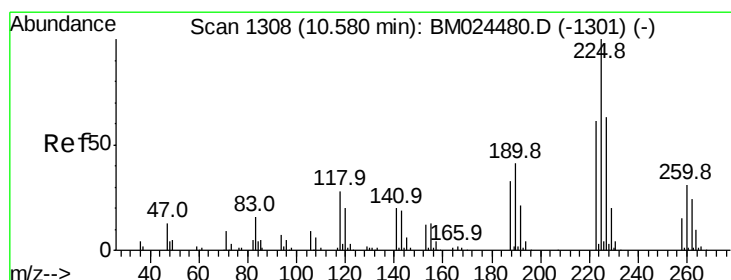
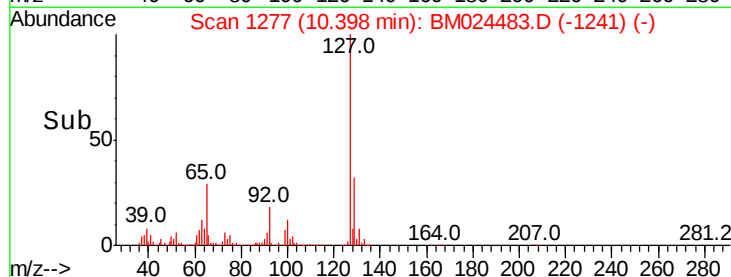
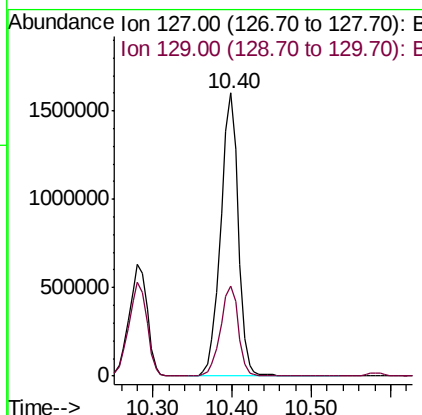
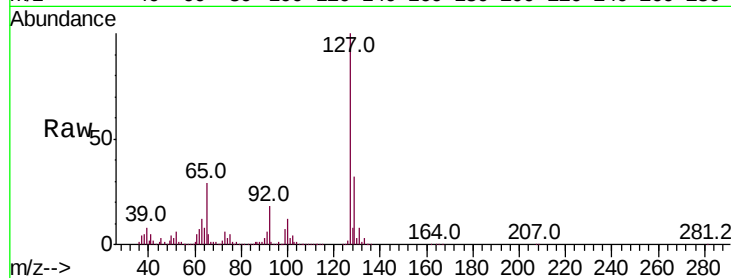




#30
4-Chloroaniline
Concen: 154.271 ng/ul
RT: 10.40 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

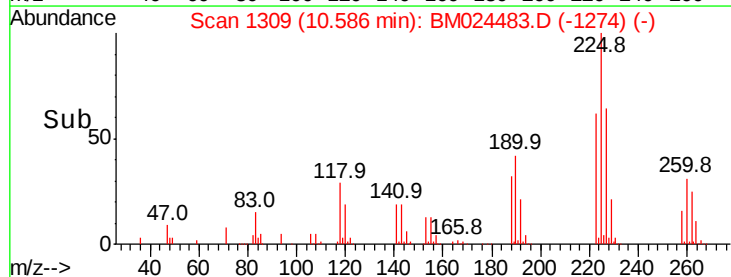
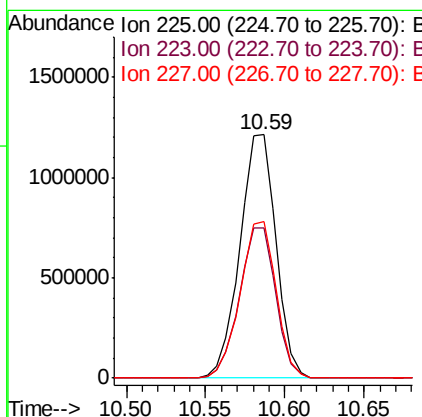
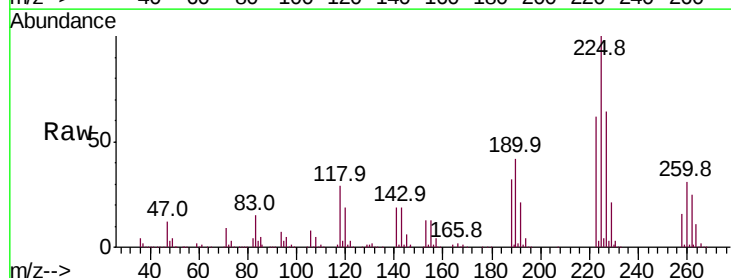
Instrument :
BNA_M
ClientSampleId :

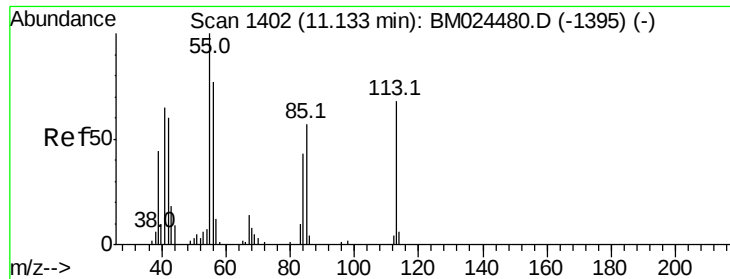
Tot Ion:127 Resp: 2451354
Ion Ratio Lower Upper
127 100
129 31.8 26.4 39.6



#31
Hexachlorobutadiene
Concen: 191.486 ng/ul
RT: 10.59 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Tgt Ion:225 Resp: 1916145
Ion Ratio Lower Upper
225 100
223 61.6 49.1 73.7
227 64.5 50.2 75.4





#32

Caprolactam

Concen: 104.464 ng/ul

RT: 11.23 min Scan# 1418

Delta R.T. 0.09 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampleId :

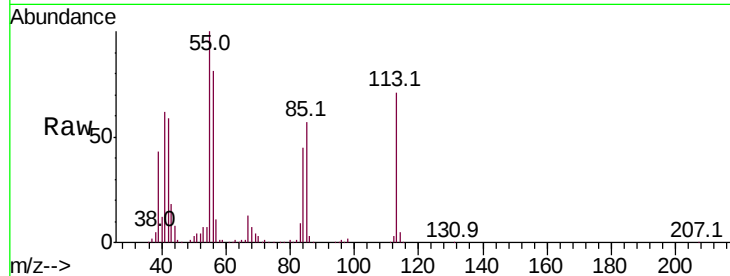
Tot Ion:113 Resp: 437992

Ion Ratio Lower Upper

113 100

55 139.9 118.3 177.5

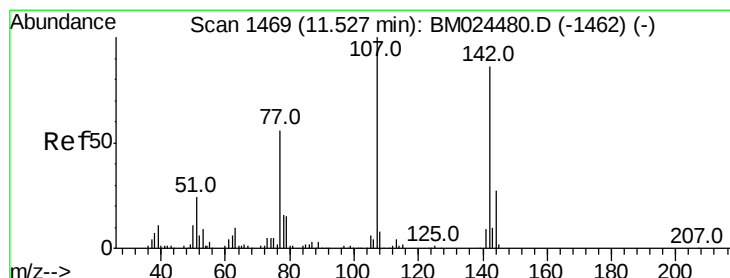
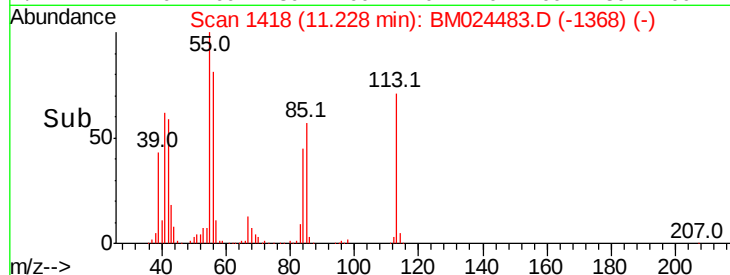
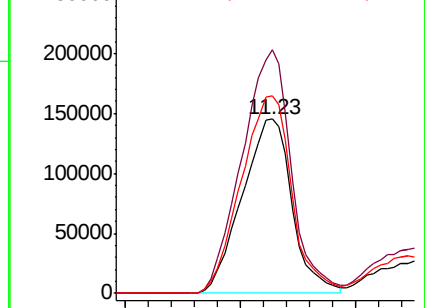
56 113.2 90.8 136.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 184.888 ng/ul

RT: 11.56 min Scan# 1474

Delta R.T. 0.03 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

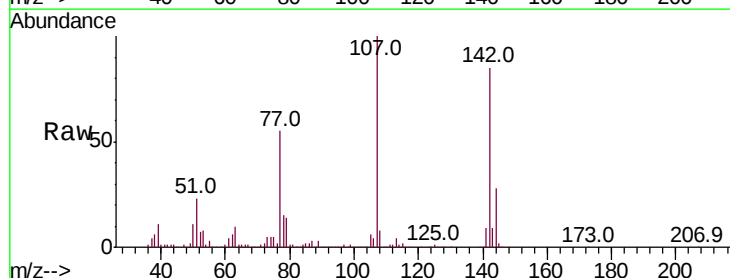
Tgt Ion:107 Resp: 2663658

Ion Ratio Lower Upper

107 100

144 27.9 21.3 31.9

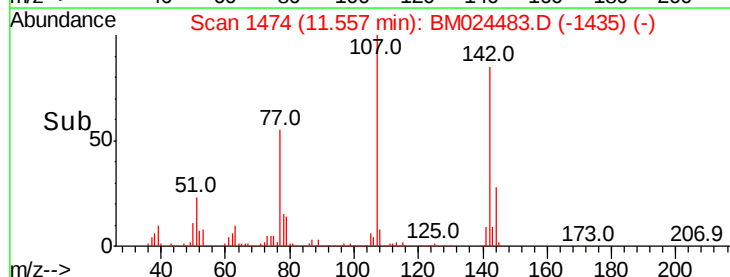
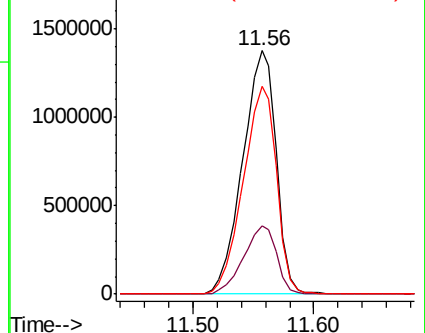
142 85.1 68.7 103.1

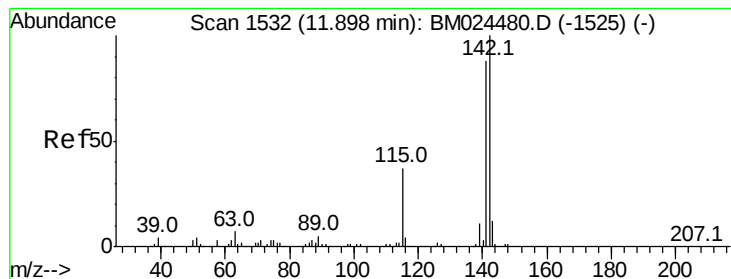


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 180.585 ng/ul

RT: 11.91 min Scan# 1534

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

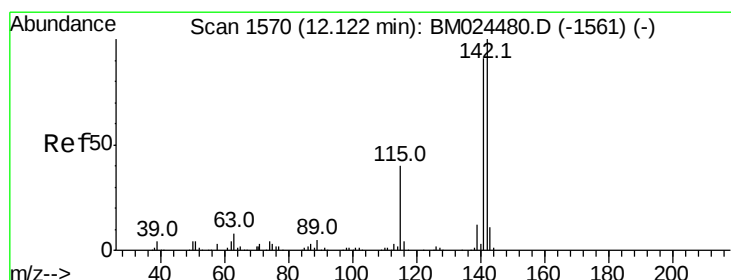
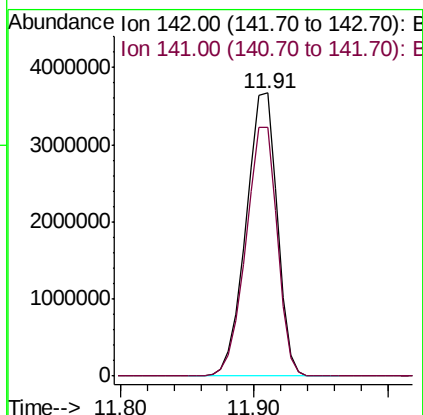
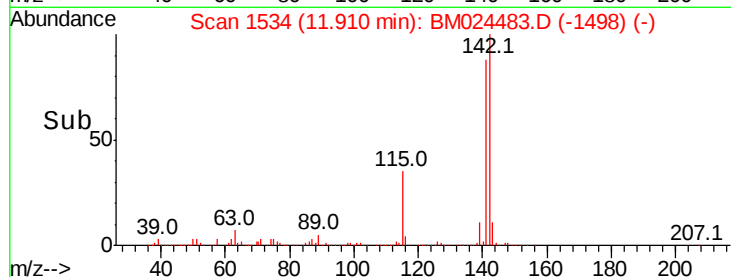
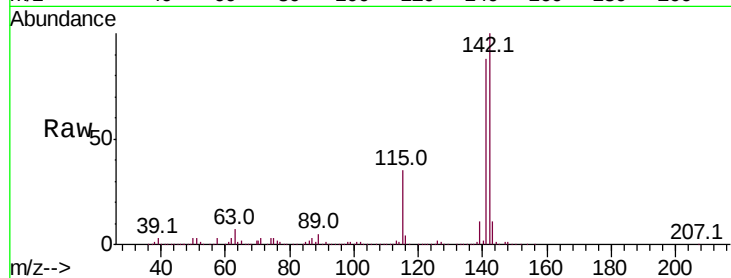
ClientSampleId :

Tot Ion:142 Resp: 5903456

Ion Ratio Lower Upper

142 100

141 87.7 70.4 105.6



#35

1-Methylnaphthalene

Concen: 182.500 ng/ul

RT: 12.13 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

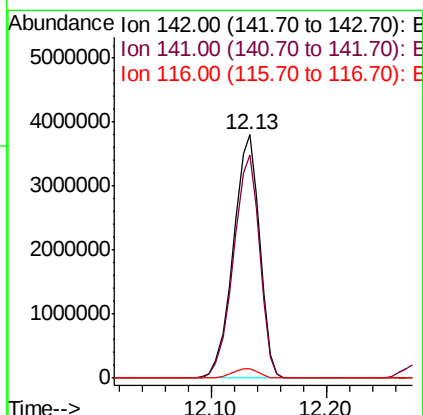
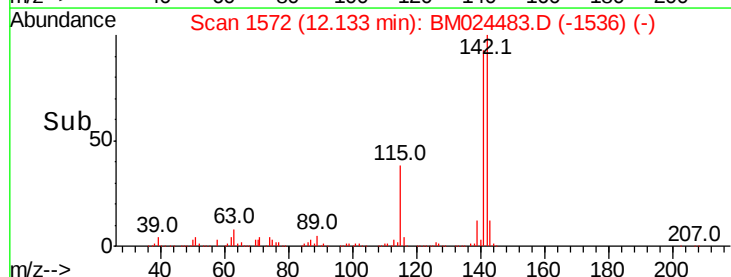
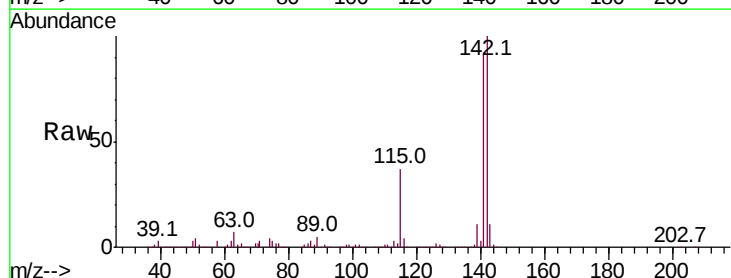
Tgt Ion:142 Resp: 5970016

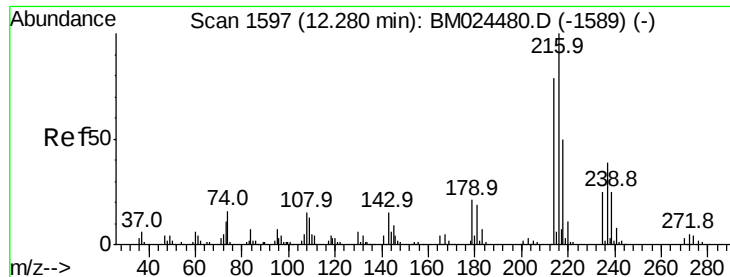
Ion Ratio Lower Upper

142 100

141 91.7 72.6 109.0

116 3.9 3.5 5.3

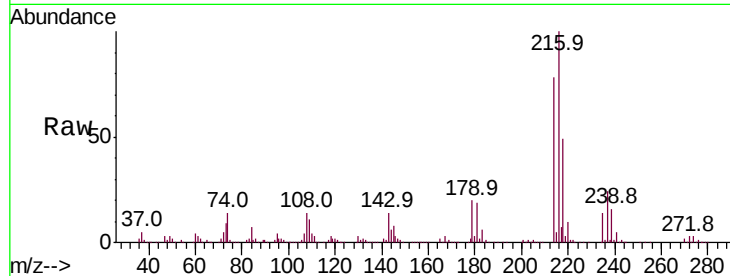




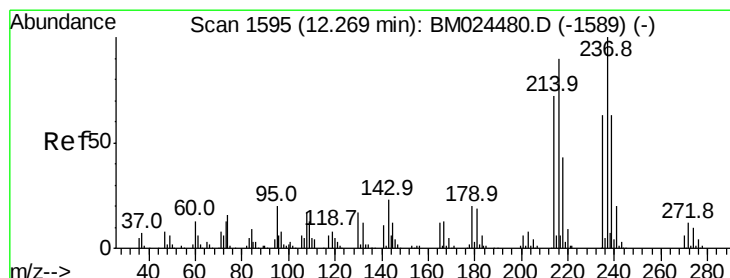
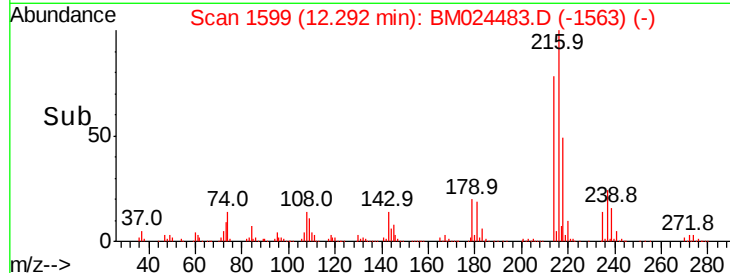
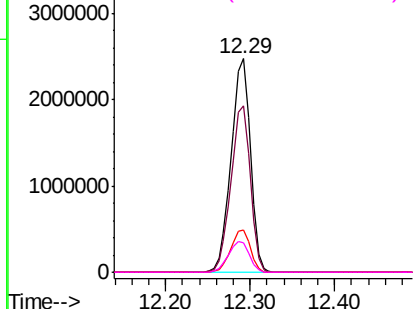
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 173.786 ng/ul
 RT: 12.29 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BM024483.D
 Acq: 15 Jan 2020 21:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216 Resp: 3848346
 Ion Ratio Lower Upper
 216 100
 214 78.1 63.4 95.2
 179 20.0 16.5 24.7
 108 13.6 12.2 18.4

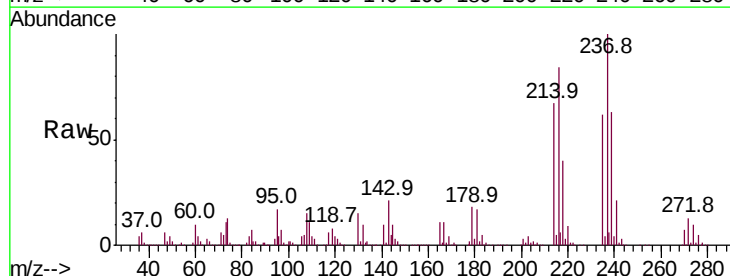


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

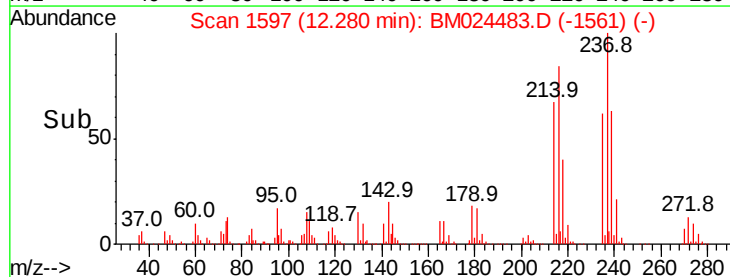
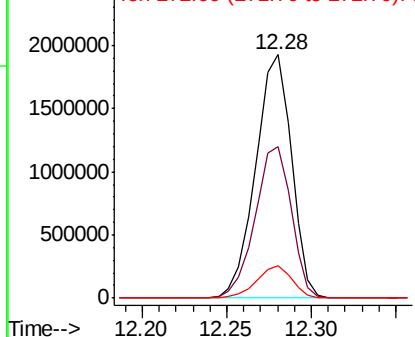


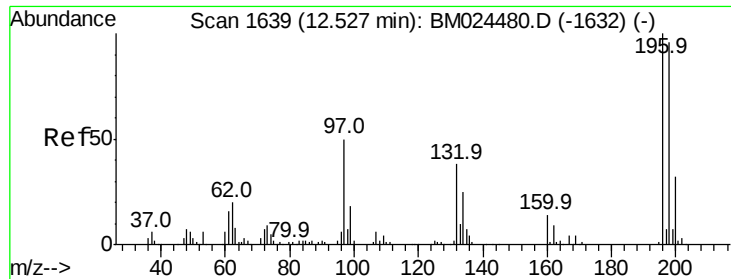
#38
 Hexachlorocyclopentadiene
 Concen: 175.863 ng/ul
 RT: 12.28 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BM024483.D
 Acq: 15 Jan 2020 21:09

Tgt Ion:237 Resp: 2851009
 Ion Ratio Lower Upper
 237 100
 235 62.1 50.6 76.0
 272 13.3 10.1 15.1



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

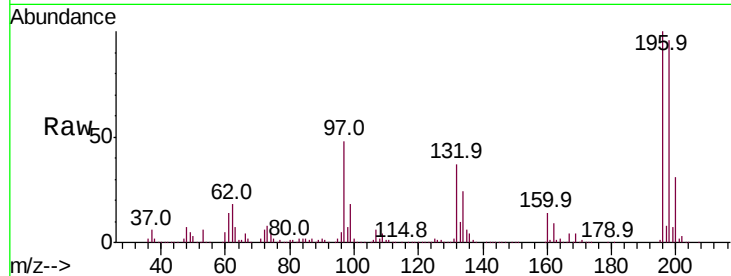




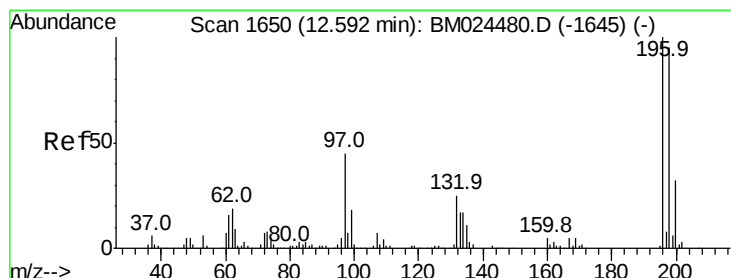
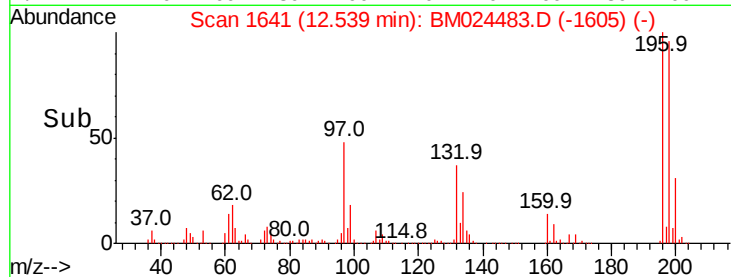
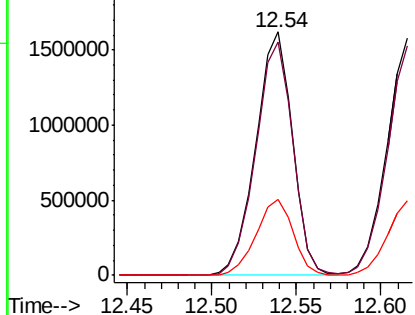
#39
 2,4,6-Trichlorophenol
 Concen: 187.015 ng/ul
 RT: 12.54 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BM024483.D
 Acq: 15 Jan 2020 21:09

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 2451199
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.6 114.8
 200 31.1 25.8 38.8

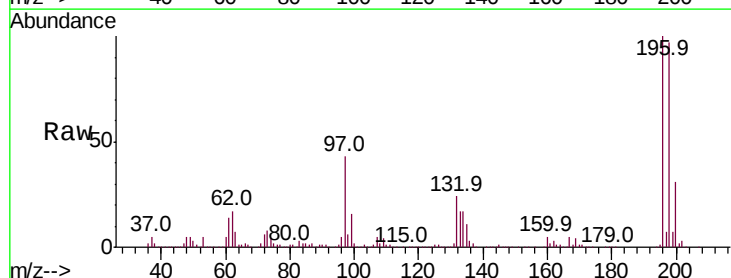


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

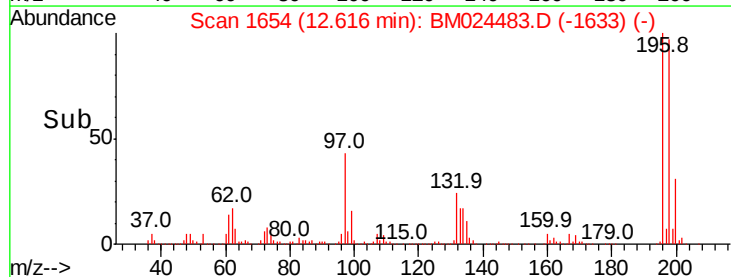
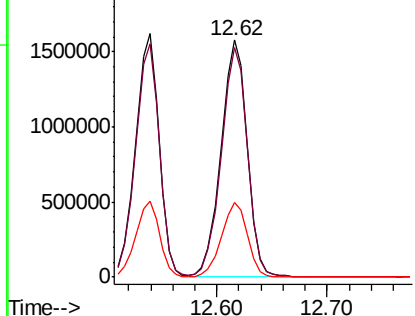


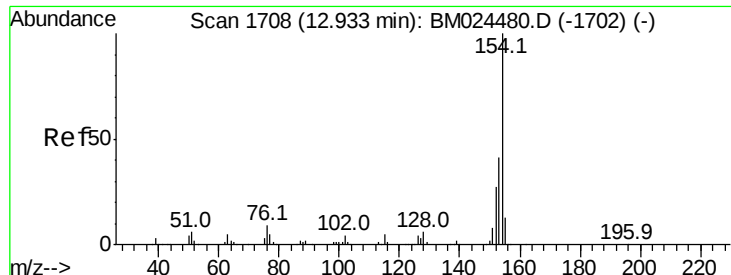
#40
 2,4,5-Trichlorophenol
 Concen: 184.390 ng/ul
 RT: 12.62 min Scan# 1654
 Delta R.T. 0.02 min
 Lab File: BM024483.D
 Acq: 15 Jan 2020 21:09

Tgt Ion:196 Resp: 2597884
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.2 114.2
 200 31.3 25.7 38.5



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: 157.053 ng/ul

RT: 12.95 min Scan# 1711

Delta R.T. 0.02 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

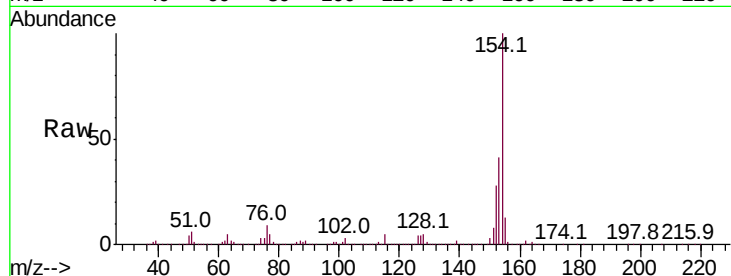
Instrument :

BNA_M

ClientSampleId :

Tot Ion:154 Resp: 8132099

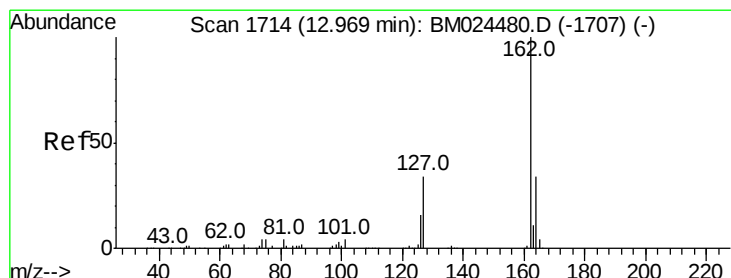
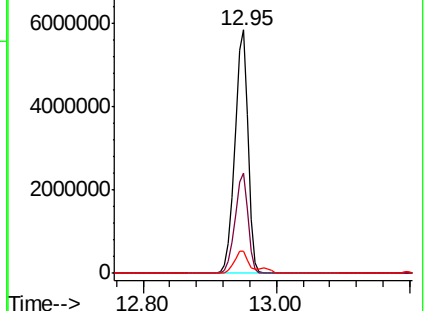
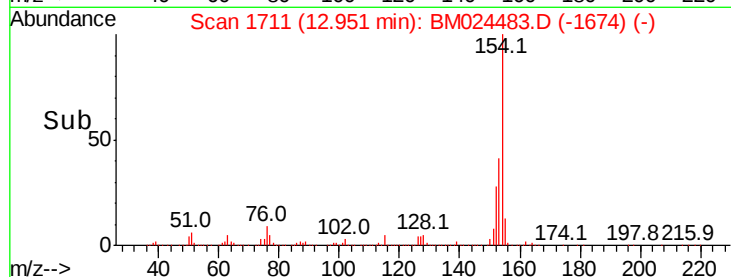
Ion	Ratio	Lower	Upper
154	100		
153	41.0	32.3	48.5
76	9.2	7.0	10.6



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: 157.368 ng/ul

RT: 12.98 min Scan# 1716

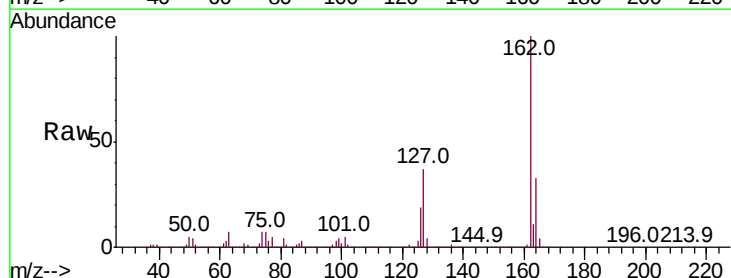
Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Tgt Ion:162 Resp: 6530626

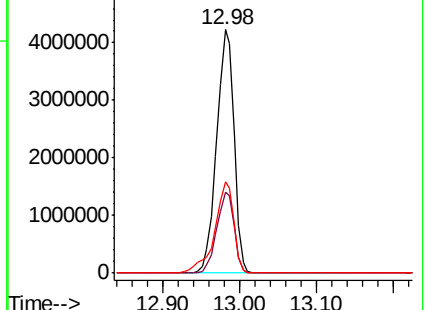
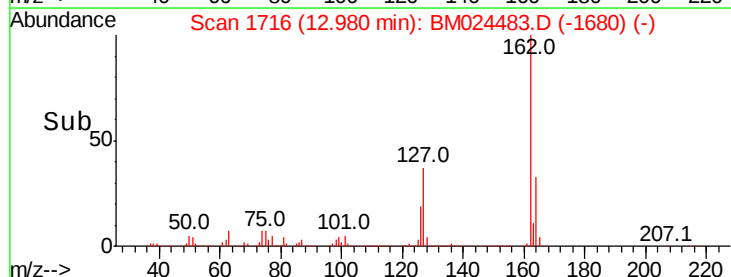
Ion	Ratio	Lower	Upper
162	100		
164	33.1	27.0	40.4
127	37.4	29.7	44.5

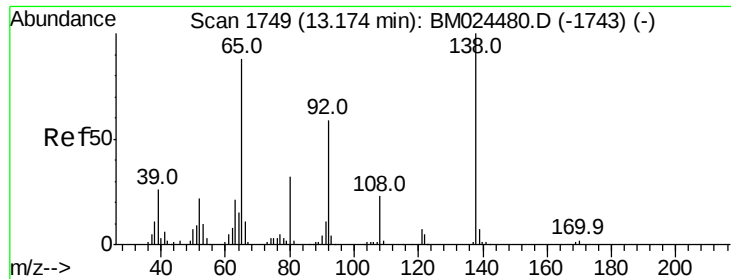


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#43

2-Nitroaniline

Concen: 167.137 ng/ul

RT: 13.20 min Scan# 1753

Delta R.T. 0.02 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampleId :

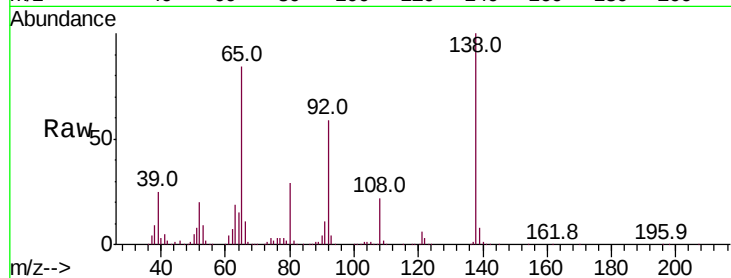
Tot Ion: 65 Resp: 1682943

Ion Ratio Lower Upper

65 100

92 70.8 53.6 80.4

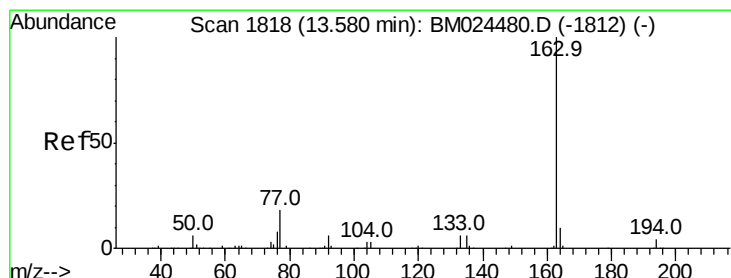
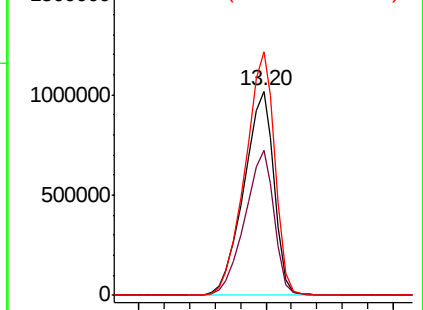
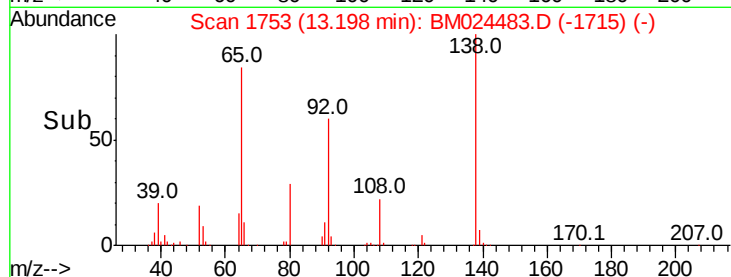
138 119.3 91.4 137.0



Abundance Ion 65.00 (64.70 to 65.70): BM024483.D (-1743) (-)

Ion 92.00 (91.70 to 92.70): BM024483.D (-1743) (-)

Ion 138.00 (137.70 to 138.70): BM024483.D (-1743) (-)



#45

Dimethylphthalate

Concen: 169.590 ng/ul

RT: 13.60 min Scan# 1822

Delta R.T. 0.02 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

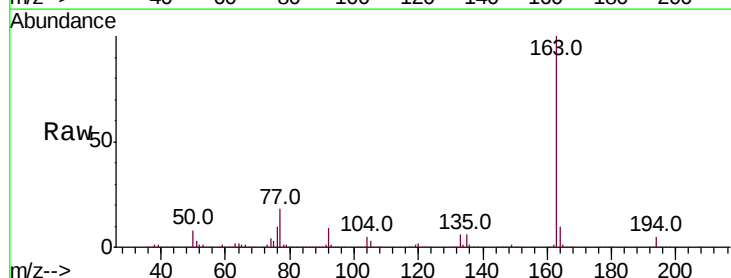
Tgt Ion:163 Resp: 8436291

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

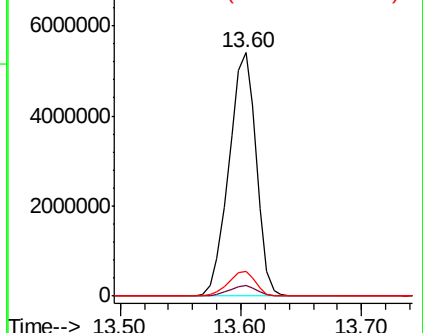
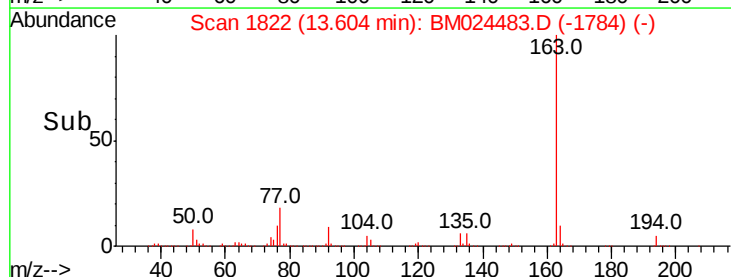
164 10.2 8.0 12.0

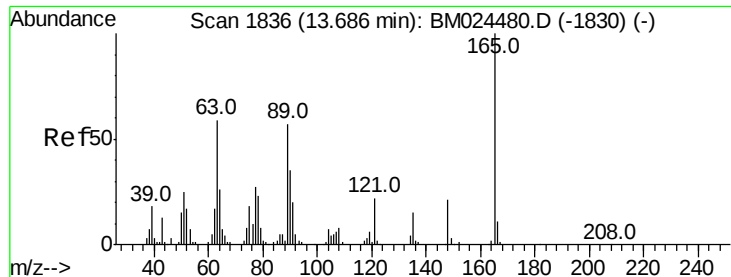


Abundance Ion 163.00 (162.70 to 163.70): BM024483.D (-1784) (-)

Ion 194.00 (193.70 to 194.70): BM024483.D (-1784) (-)

Ion 164.00 (163.70 to 164.70): BM024483.D (-1784) (-)

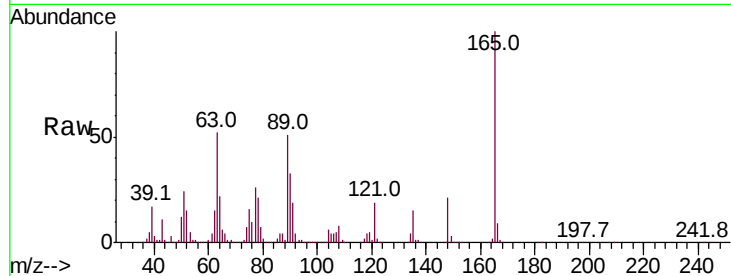




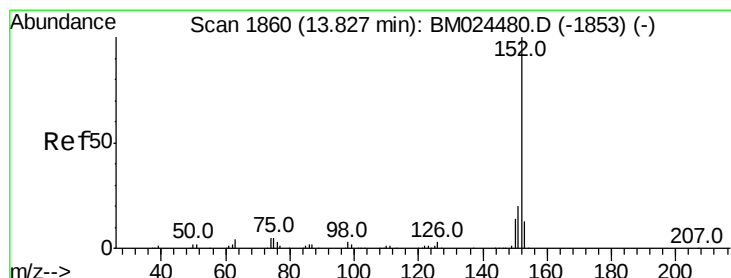
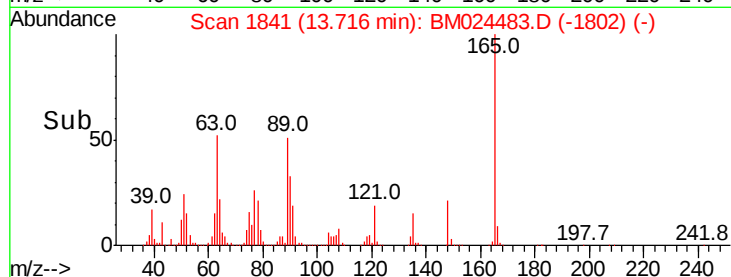
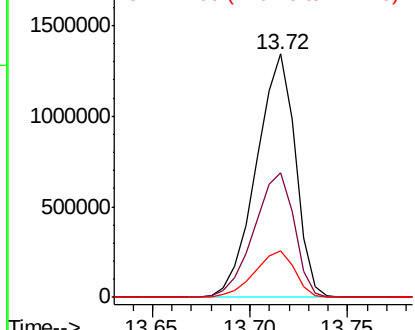
#46
 2,6-Dinitrotoluene
 Concen: 208.479 ng/ul
 RT: 13.72 min Scan# 1841
 Delta R.T. 0.03 min
 Lab File: BM024483.D
 Acq: 15 Jan 2020 21:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 1860190
 Ion Ratio Lower Upper
 165 100
 89 51.3 45.5 68.3
 121 19.0 17.3 25.9

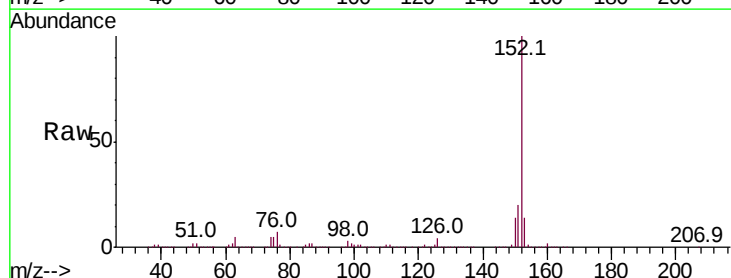


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

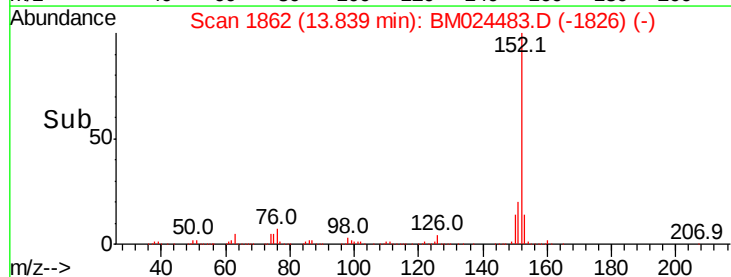
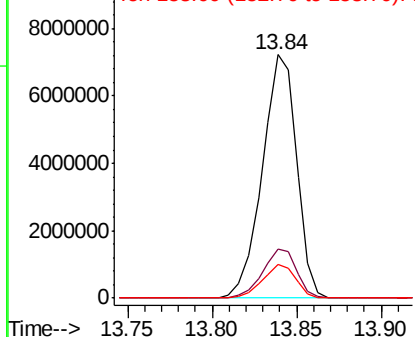


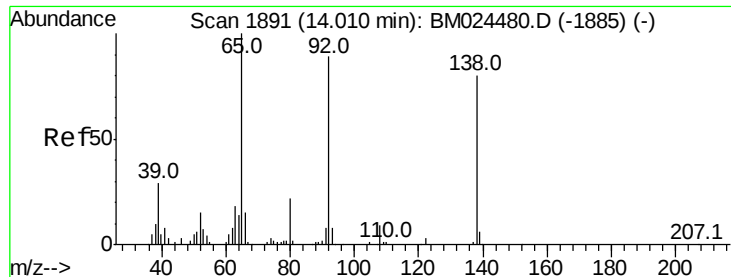
#48
 Acenaphthylene
 Concen: 158.037 ng/ul
 RT: 13.84 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: BM024483.D
 Acq: 15 Jan 2020 21:09

Tgt Ion:152 Resp:10193211
 Ion Ratio Lower Upper
 152 100
 151 20.4 15.9 23.9
 153 13.6 10.3 15.5



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: 169.106 ng/ul

RT: 14.04 min Scan# 1896

Delta R.T. 0.03 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampled :

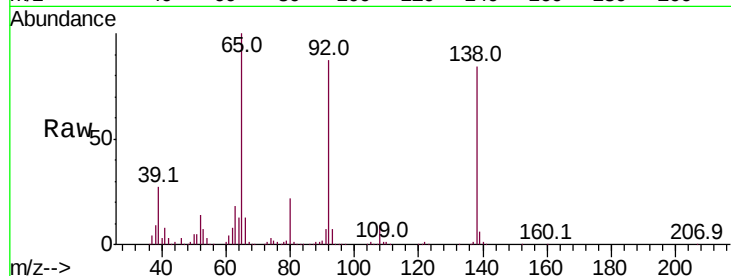
Tot Ion:138 Resp: 1400543

Ion Ratio Lower Upper

138 100

108 10.3 8.9 13.3

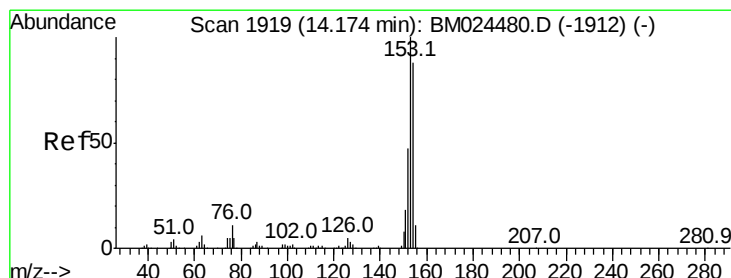
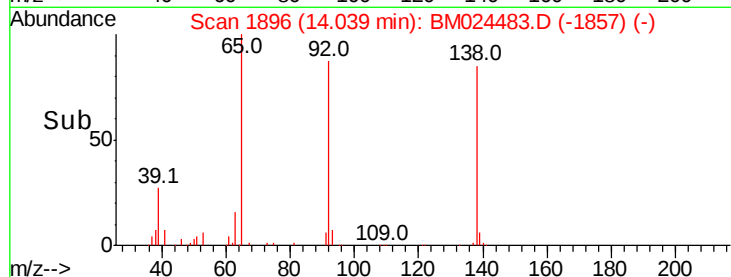
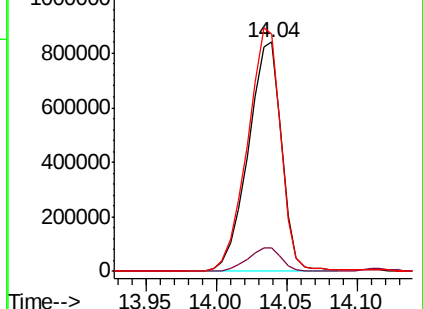
92 103.2 88.1 132.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#50

Acenaphthene

Concen: 161.725 ng/ul

RT: 14.19 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

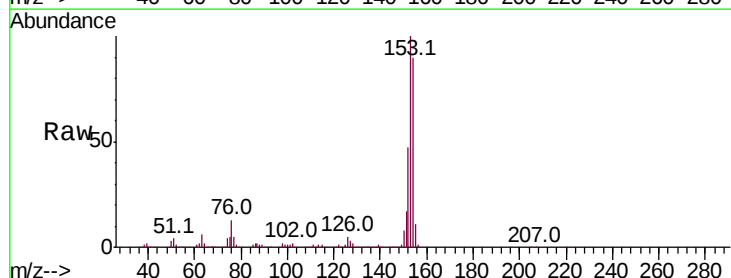
Tgt Ion:153 Resp: 6935599

Ion Ratio Lower Upper

153 100

152 46.8 37.2 55.8

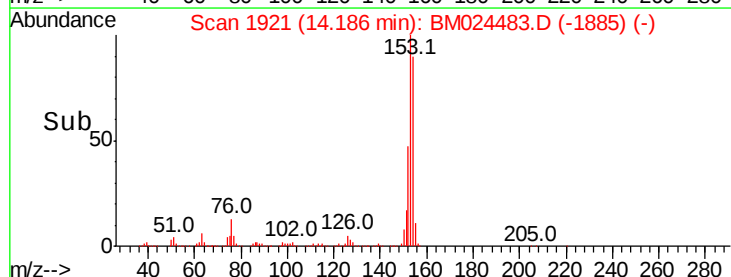
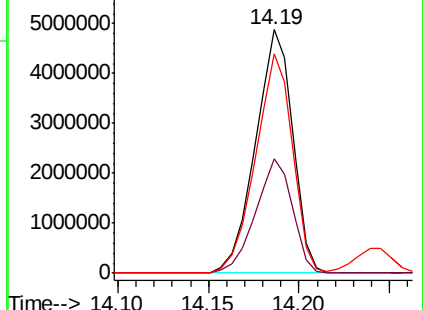
154 90.2 70.6 106.0

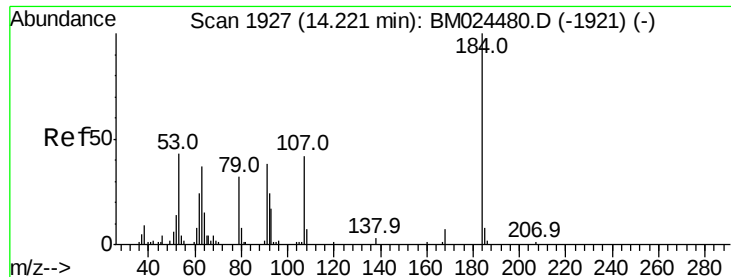


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

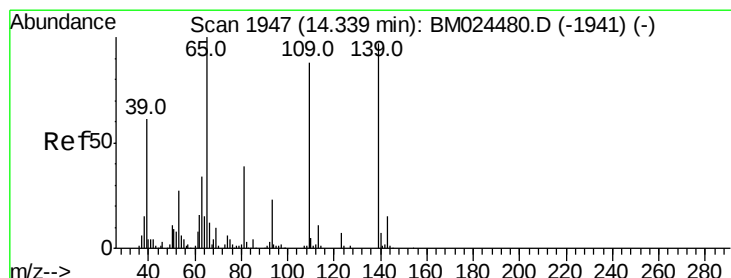
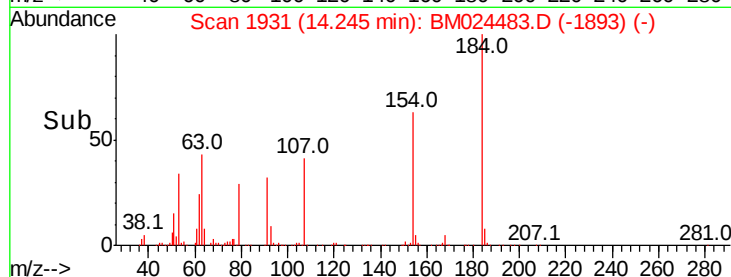
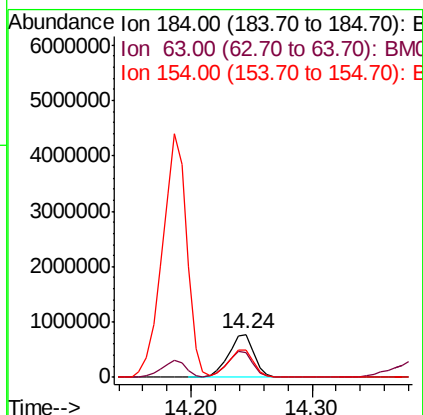
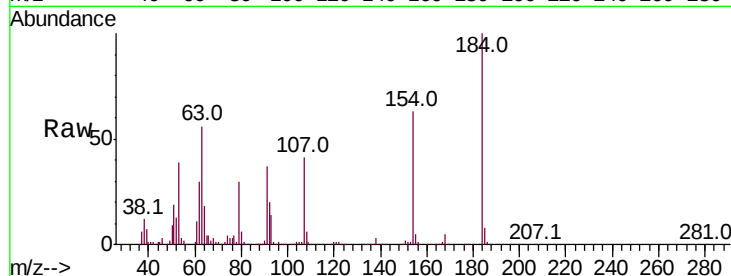




#51
2,4-Dinitrophenol
Concen: 300.708 ng/ul
RT: 14.24 min Scan# 1931
Delta R.T. 0.02 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

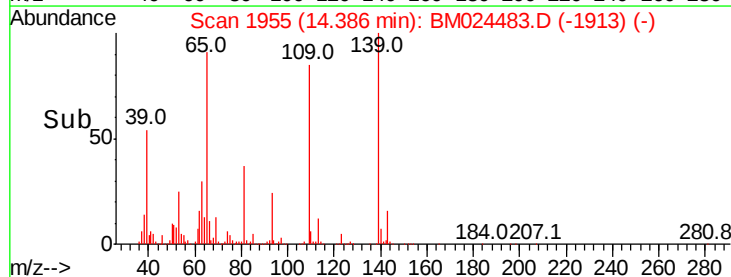
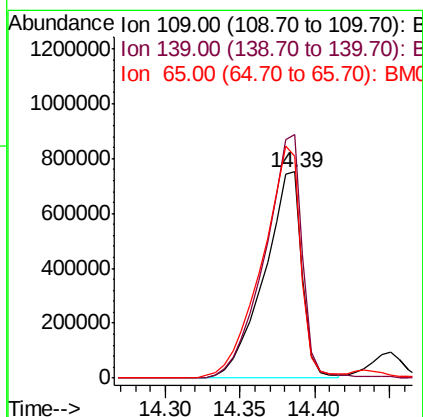
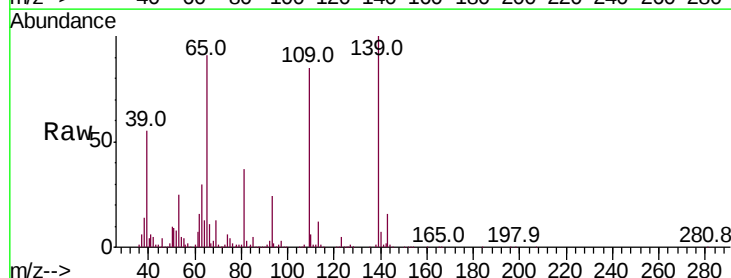
Instrument :
BNA_M
ClientSampled :

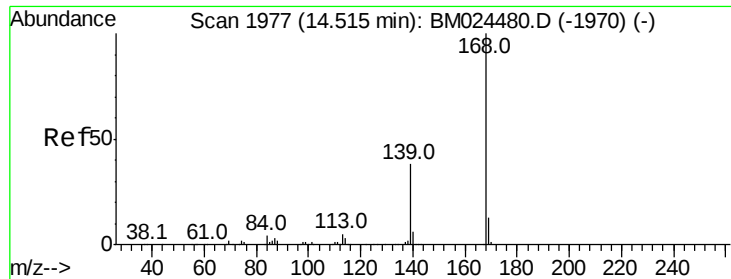
Tot Ion:184 Resp: 1152693
Ion Ratio Lower Upper
184 100
63 55.8 49.9 74.9
154 62.7 53.8 80.8



#53
4-Nitrophenol
Concen: 177.307 ng/ul
RT: 14.39 min Scan# 1955
Delta R.T. 0.05 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Tgt Ion:109 Resp: 1321936
Ion Ratio Lower Upper
109 100
139 118.2 88.6 133.0
65 107.4 91.8 137.8





#54

Dibenzofuran

Concen: 165.440 ng/ul

RT: 14.53 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

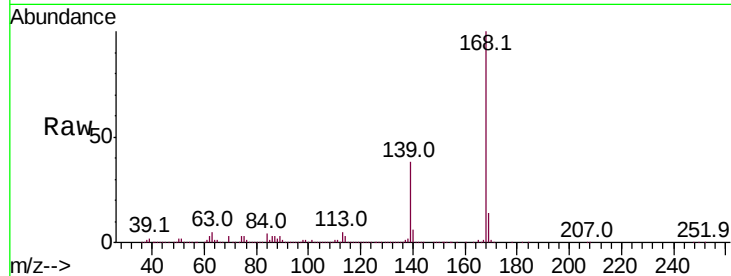
ClientSampleId :

Tot Ion:168 Resp: 9796308

Ion Ratio Lower Upper

168 100

139 38.4 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

8000000

6000000

4000000

2000000

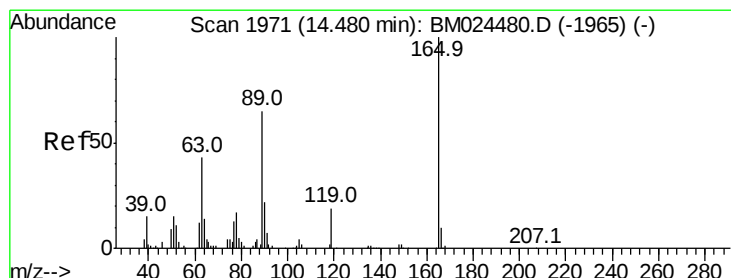
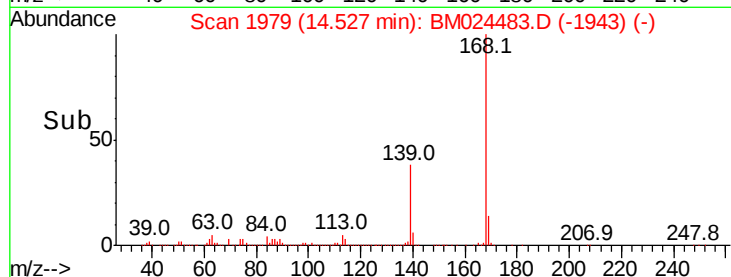
0

14.53

14.50

14.60

Time-->



#55

2,4-Dinitrotoluene

Concen: 217.191 ng/ul

RT: 14.51 min Scan# 1976

Delta R.T. 0.03 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

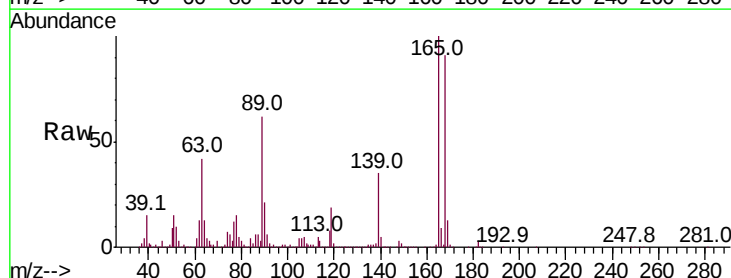
Tgt Ion:165 Resp: 2688388

Ion Ratio Lower Upper

165 100

63 41.9 34.4 51.6

182 3.2 2.2 3.2



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

2500000

2000000

1500000

1000000

500000

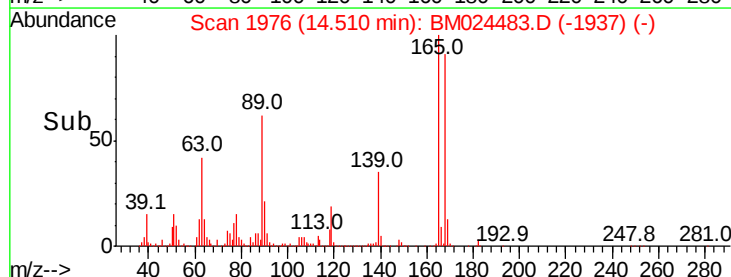
0

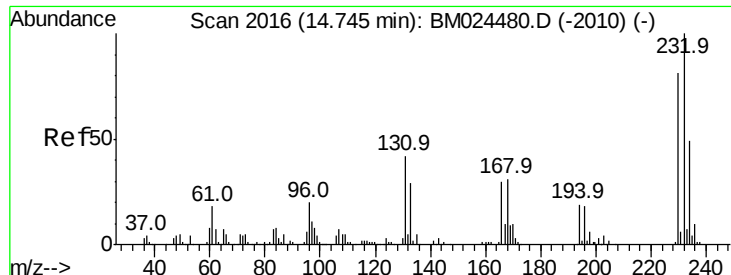
14.51

14.45

14.55

Time-->

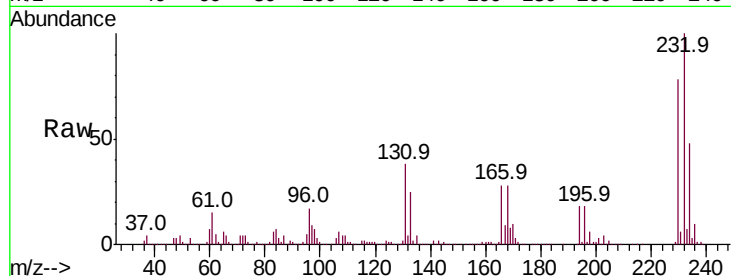




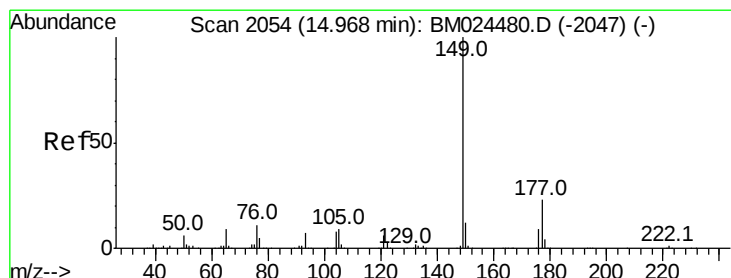
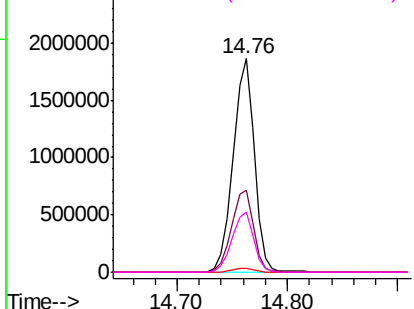
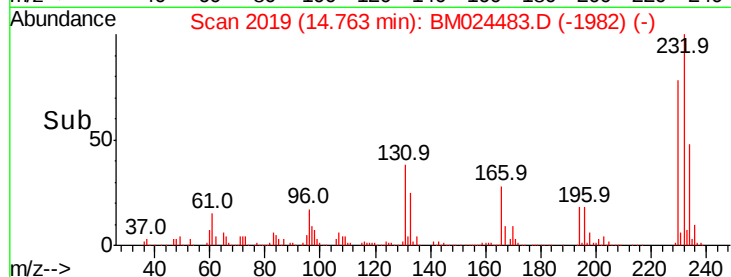
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 224.222 ng/ul
 RT: 14.76 min Scan# 2019
 Delta R.T. 0.02 min
 Lab File: BM024483.D
 Acq: 15 Jan 2020 21:09

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:232 Resp: 2525860
 Ion Ratio Lower Upper
 232 100
 131 38.1 33.8 50.8
 130 2.1 2.1 3.1#
 166 28.1 24.2 36.2

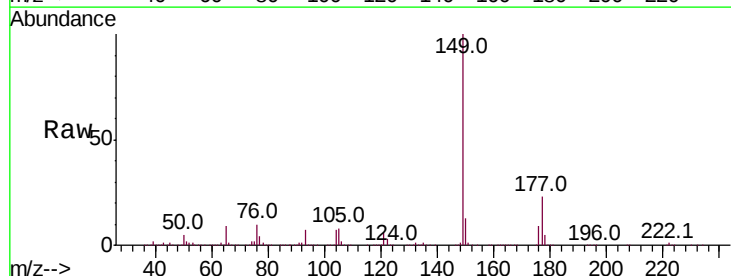


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

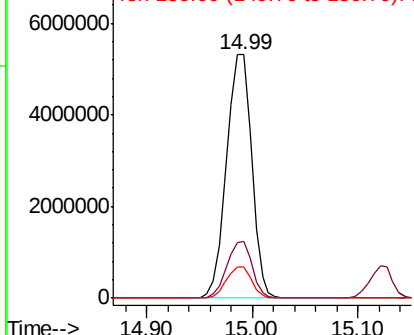
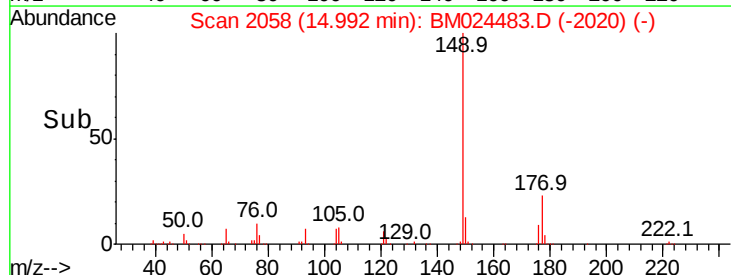


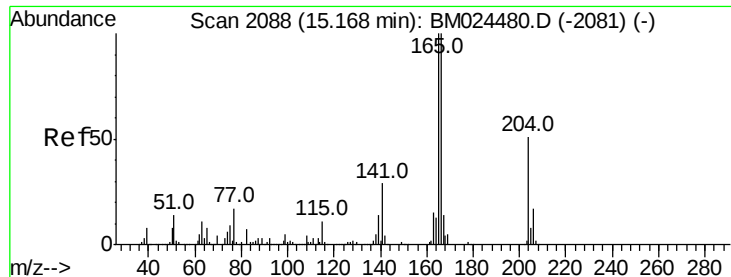
#57
 Diethylphthalate
 Concen: 178.661 ng/ul
 RT: 14.99 min Scan# 2058
 Delta R.T. 0.02 min
 Lab File: BM024483.D
 Acq: 15 Jan 2020 21:09

Tgt Ion:149 Resp: 8738932
 Ion Ratio Lower Upper
 149 100
 177 23.2 18.3 27.5
 150 12.6 9.7 14.5



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





#59

Fluorene

Concen: 179.034 ng/ul

RT: 15.18 min Scan# 2090

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampleId :

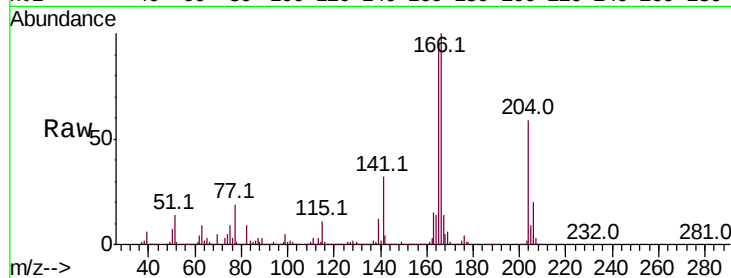
Tot Ion:166 Resp: 8756036

Ion Ratio Lower Upper

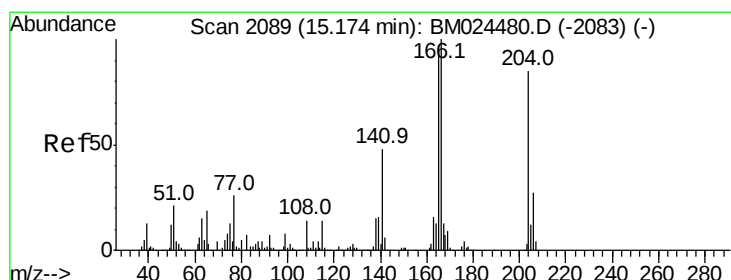
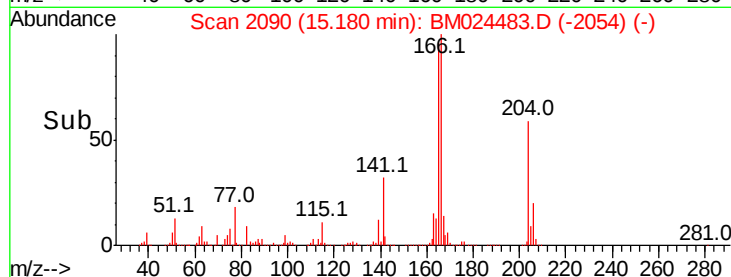
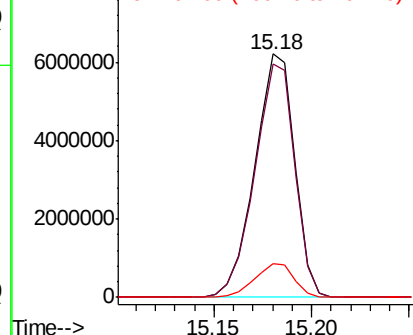
166 100

165 96.0 79.6 119.4

167 13.9 10.8 16.2



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: 194.031 ng/ul

RT: 15.18 min Scan# 2090

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

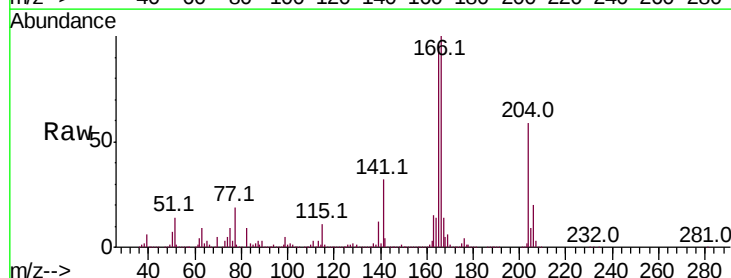
Tgt Ion:204 Resp: 4949798

Ion Ratio Lower Upper

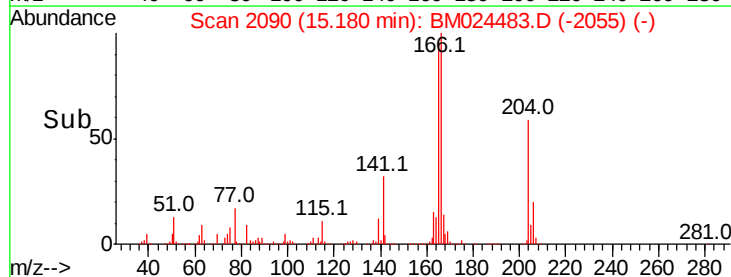
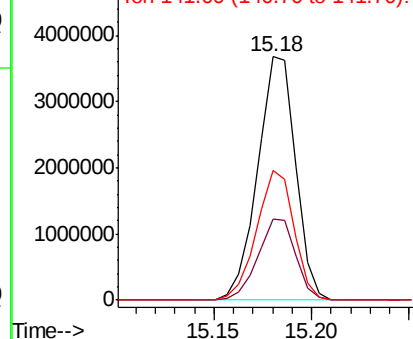
204 100

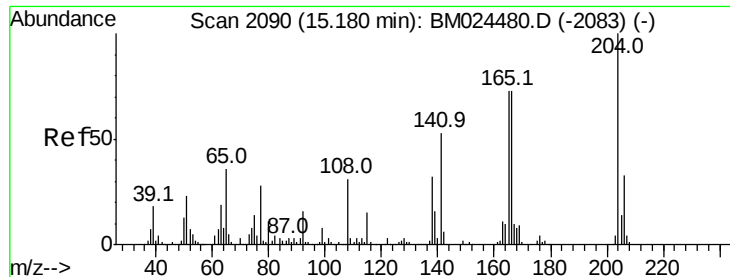
206 33.1 25.6 38.4

141 53.4 45.0 67.4



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

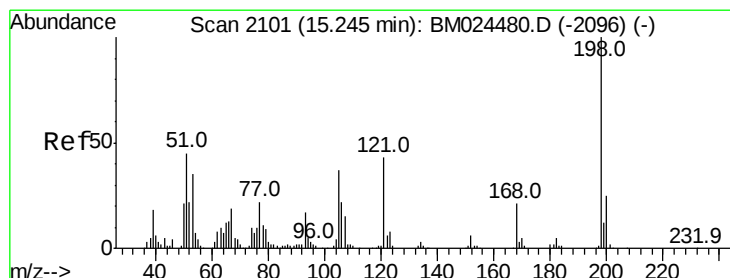
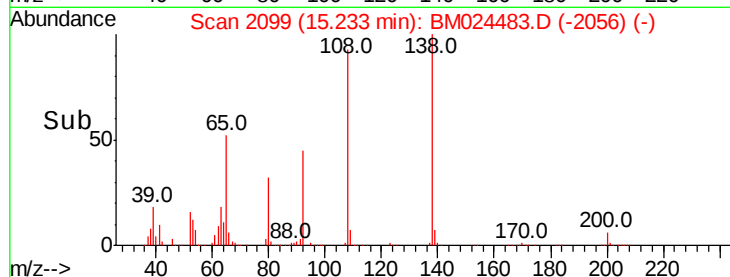
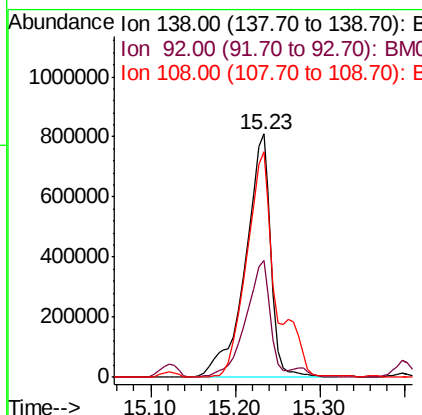
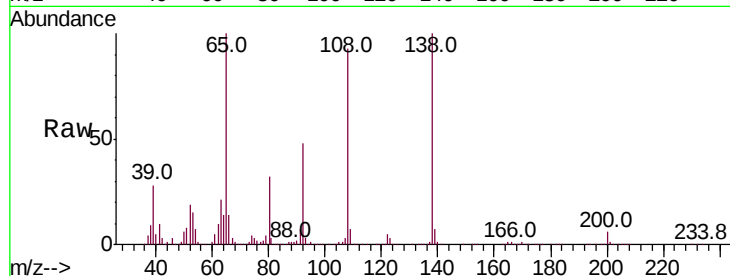




#61
4-Nitroaniline
Concen: 172.765 ng/ul
RT: 15.23 min Scan# 2099
Delta R.T. 0.05 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

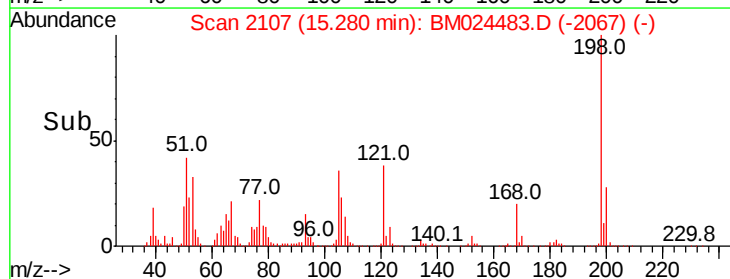
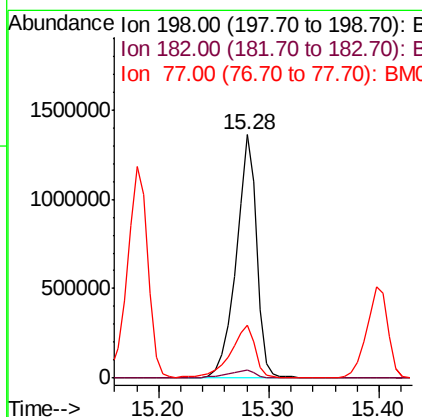
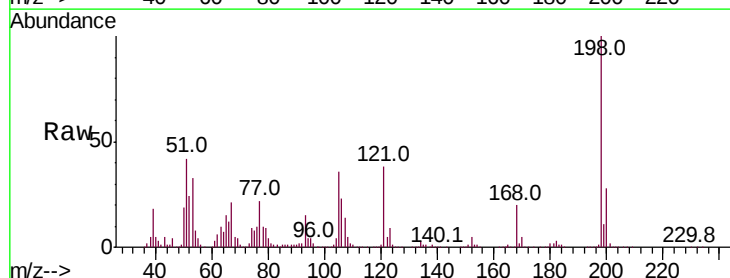
Instrument :
BNA_M
ClientSampled :

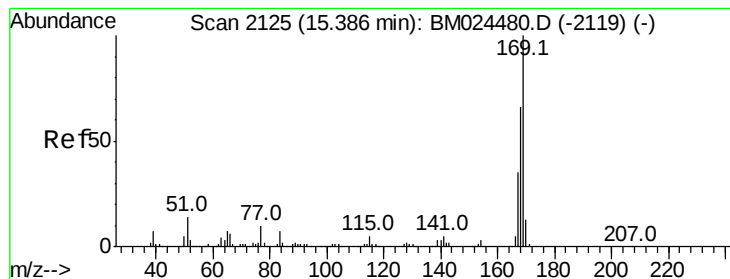
Tot Ion:138 Resp: 1708431
Ion Ratio Lower Upper
138 100
92 48.2 41.5 62.3
108 92.8 77.3 115.9



#64
4,6-Dinitro-2-methylphenol
Concen: 236.029 ng/ul
RT: 15.28 min Scan# 2107
Delta R.T. 0.04 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Tgt Ion:198 Resp: 1772856
Ion Ratio Lower Upper
198 100
182 3.3 4.1 6.1#
77 21.8 19.0 28.6



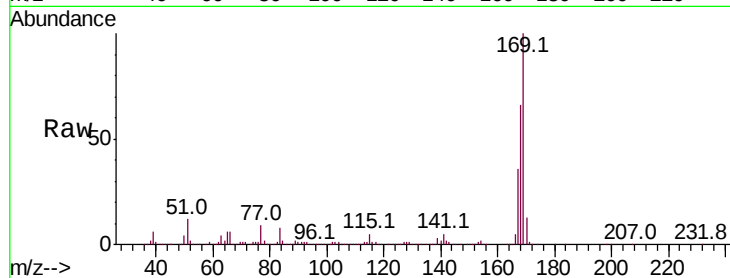


#65

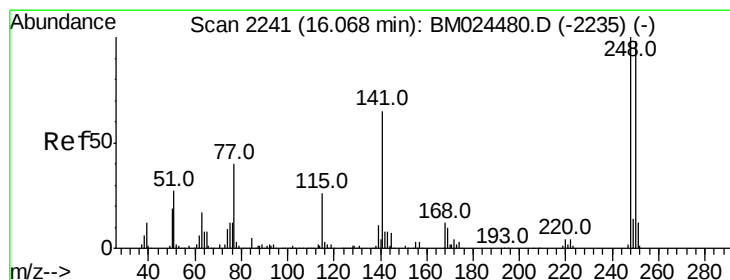
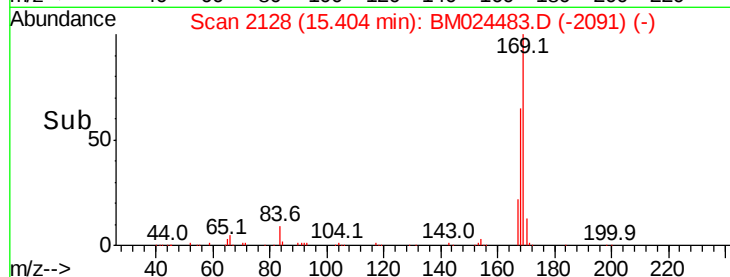
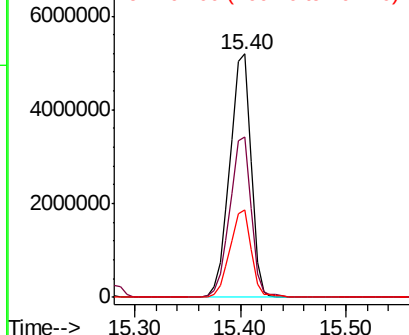
N-Nitrosodiphenylamine
Concen: 157.581 ng/ul
RT: 15.40 min Scan# 2128
Delta R.T. 0.02 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:169 Resp: 7169770
Ion Ratio Lower Upper
169 100
168 66.1 52.6 79.0
167 35.8 28.3 42.5



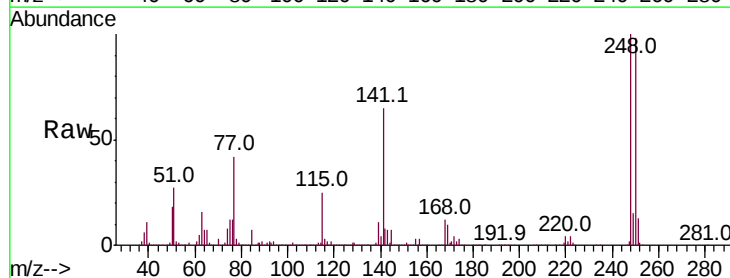
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



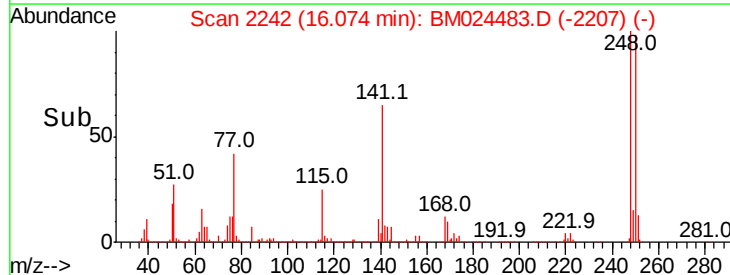
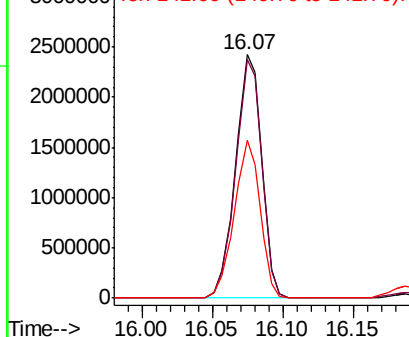
#66

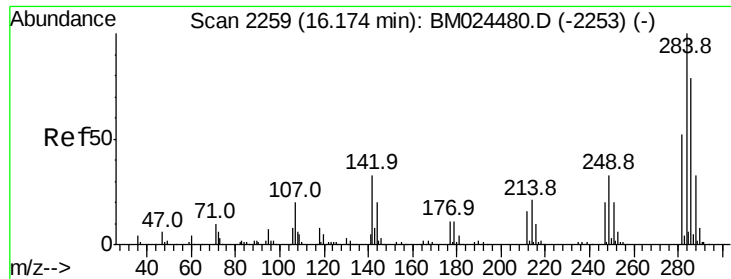
4-Bromophenyl-phenylether
Concen: 182.617 ng/ul
RT: 16.07 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Tgt Ion:248 Resp: 3144877
Ion Ratio Lower Upper
248 100
250 97.9 78.1 117.1
141 65.0 51.8 77.8



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

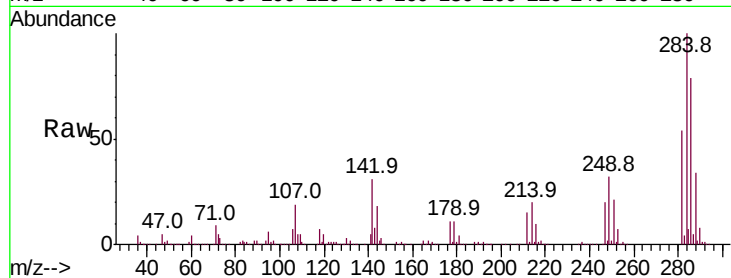




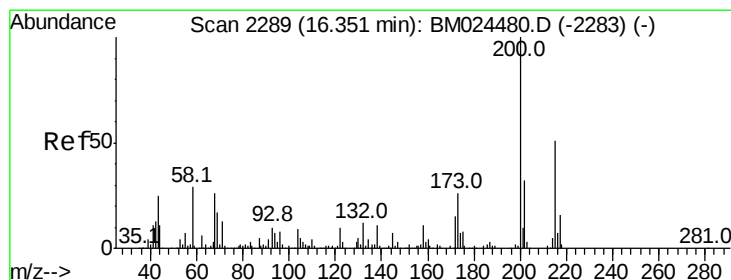
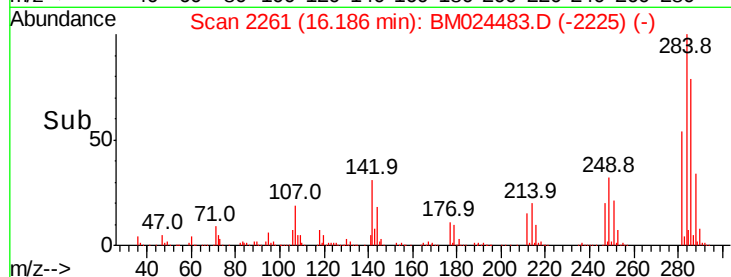
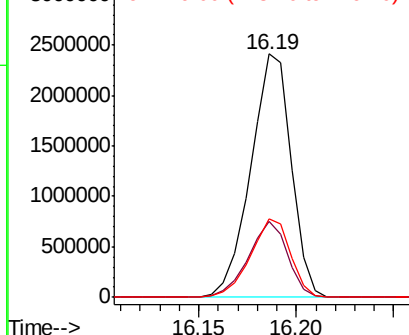
#67
Hexachlorobenzene
Concen: 173.188 ng/ul
RT: 16.19 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 3466046
Ion Ratio Lower Upper
284 100
142 31.0 26.5 39.7
249 32.3 26.2 39.4

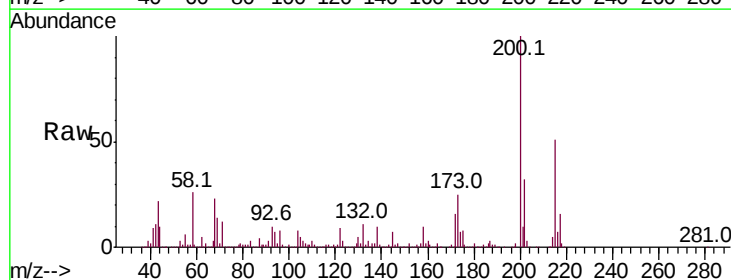


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

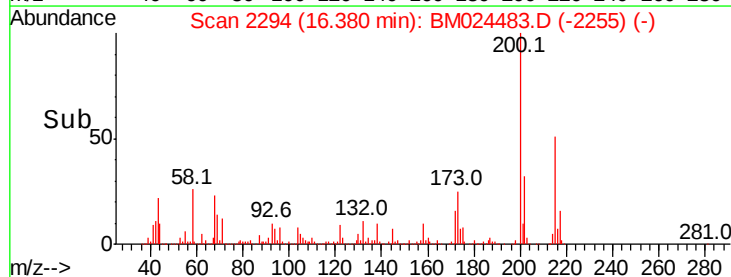
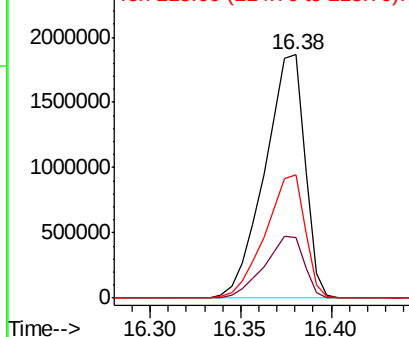


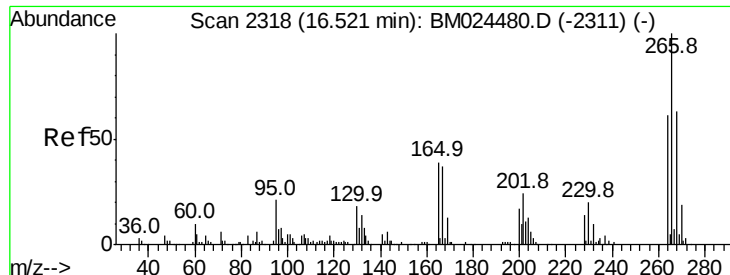
#68
Atrazine
Concen: 170.755 ng/ul
RT: 16.38 min Scan# 2294
Delta R.T. 0.03 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Tgt Ion:200 Resp: 2887713
Ion Ratio Lower Upper
200 100
173 24.7 20.7 31.1
215 50.6 40.6 60.8



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

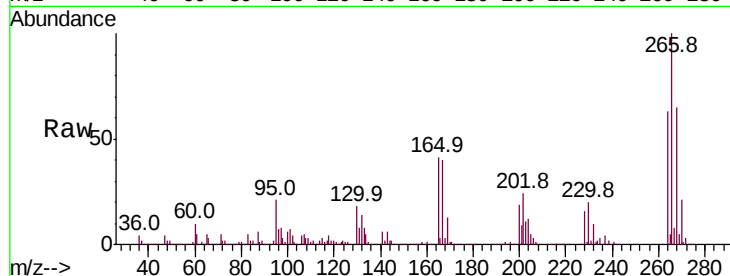




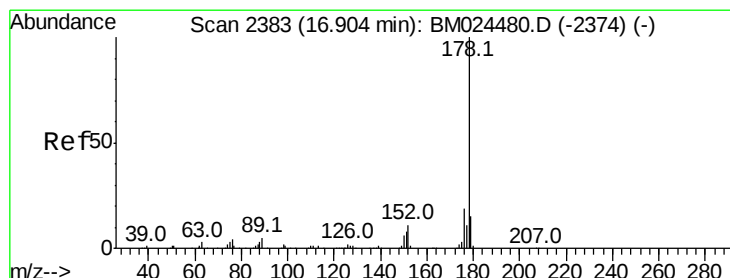
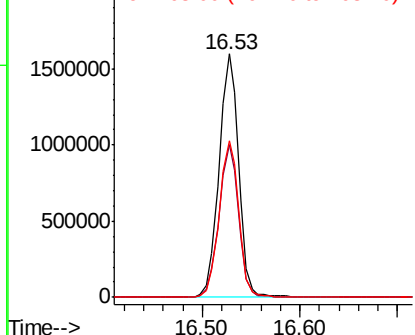
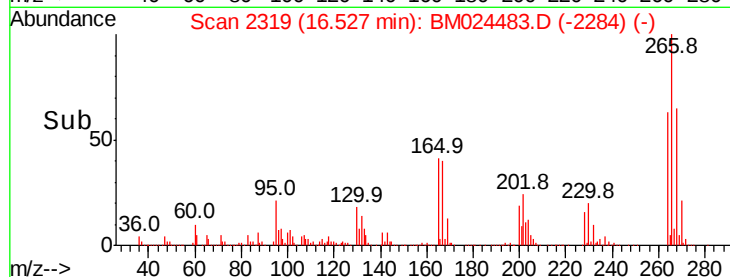
#69
 Pentachlorophenol
 Concen: 205.215 ng/ul
 RT: 16.53 min Scan# 2319
 Delta R.T. 0.01 min
 Lab File: BM024483.D
 Acq: 15 Jan 2020 21:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 2232035
 Ion Ratio Lower Upper
 266 100
 264 62.8 48.6 72.8
 268 64.5 50.6 76.0

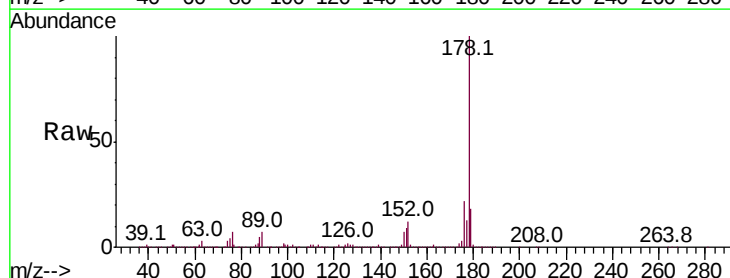


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

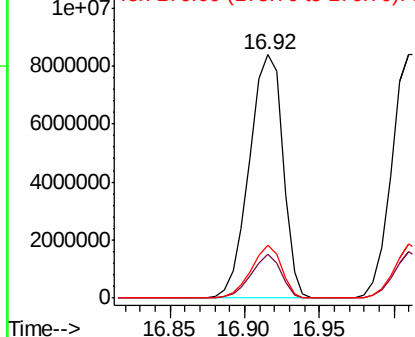
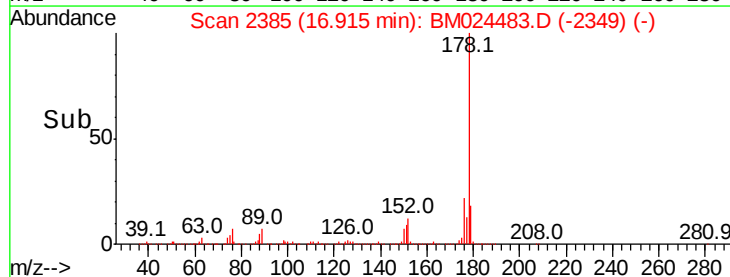


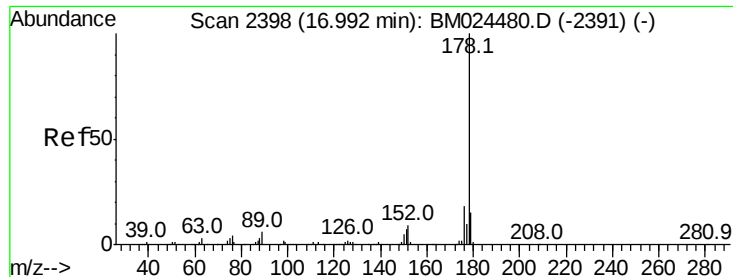
#70
 Phenanthrene
 Concen: 156.063 ng/ul
 RT: 16.92 min Scan# 2385
 Delta R.T. 0.01 min
 Lab File: BM024483.D
 Acq: 15 Jan 2020 21:09

Tgt Ion:178 Resp:13024981
 Ion Ratio Lower Upper
 178 100
 179 18.0 12.3 18.5
 176 21.7 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: 152.303 ng/uL

RT: 16.92 min Scan# 2385

Delta R.T. -0.08 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampleId :

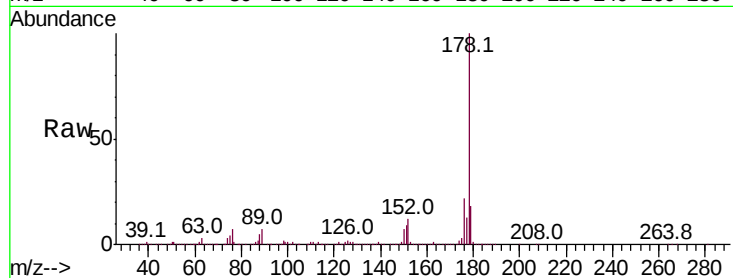
Tot Ion:178 Resp:13024981

Ion Ratio Lower Upper

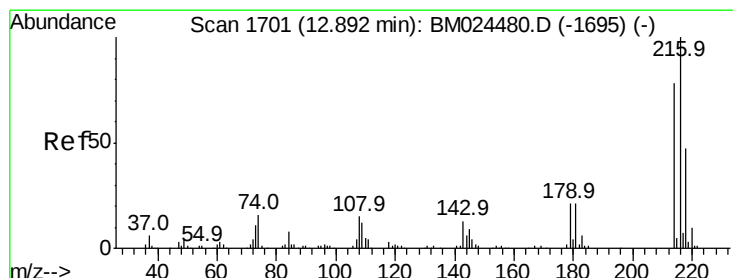
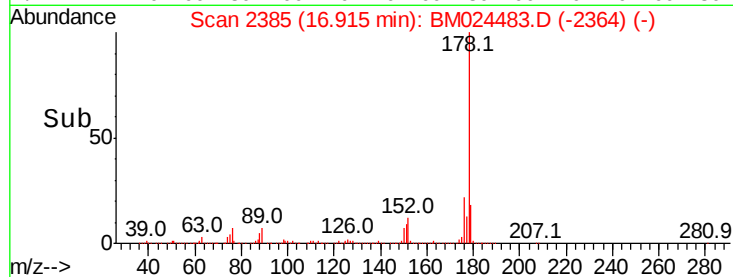
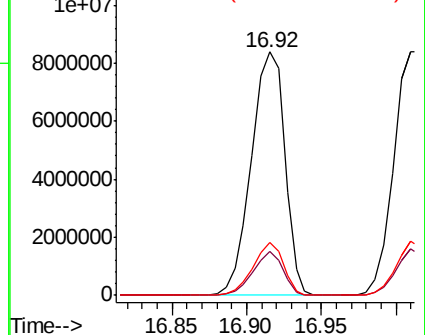
178 100

179 18.0 12.3 18.5

176 21.7 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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 156.015 ng/uL

RT: 12.90 min Scan# 1703

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

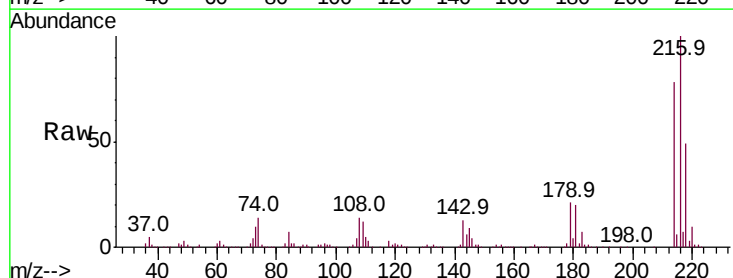
Tgt Ion:216 Resp: 3794634

Ion Ratio Lower Upper

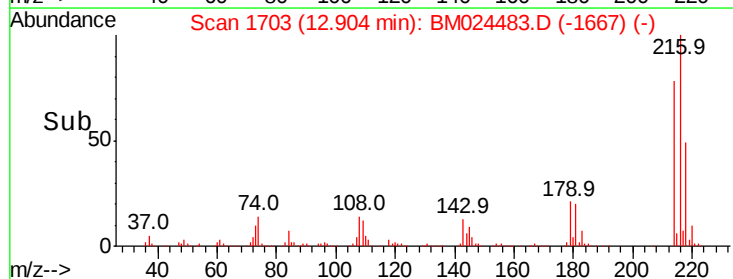
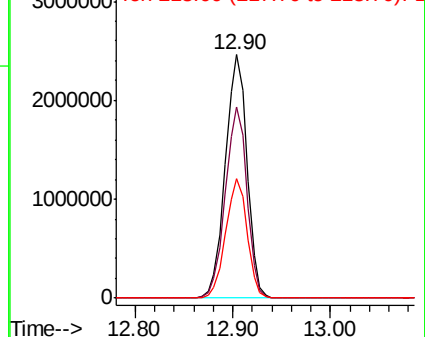
216 100

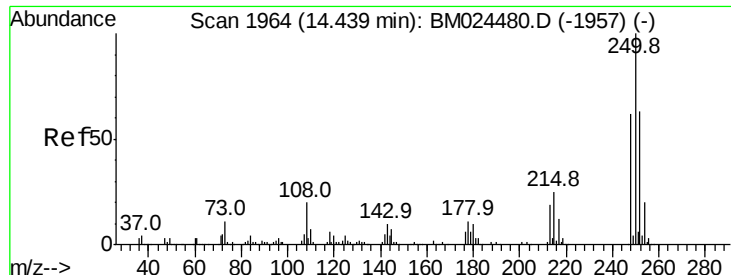
214 78.4 62.1 93.1

218 48.8 37.4 56.0



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: 165.891 ng/uL

RT: 14.45 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampleId :

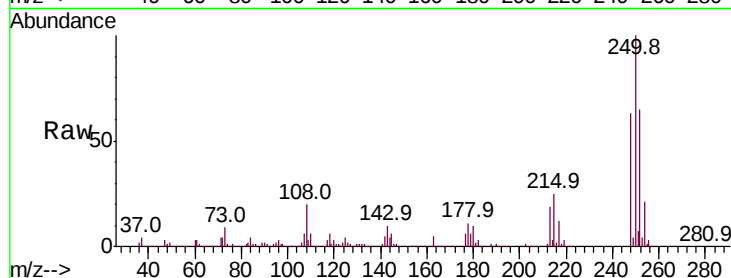
Tot Ion:250 Resp: 3885759

Ion Ratio Lower Upper

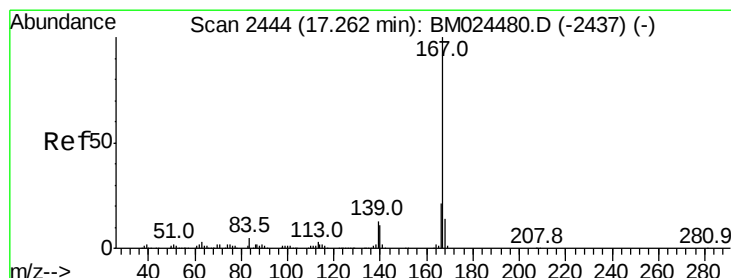
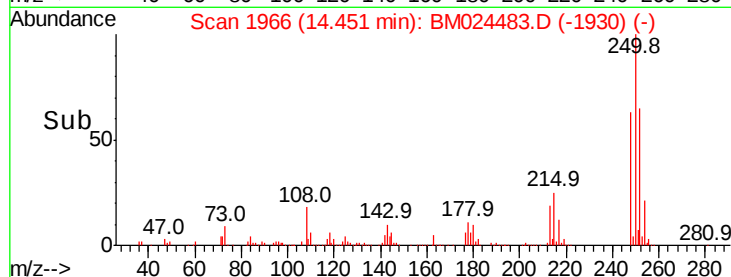
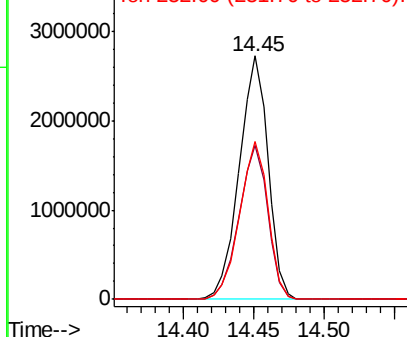
250 100

248 63.4 49.8 74.8

252 64.6 50.6 76.0



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: 154.644 ng/uL

RT: 17.28 min Scan# 2447

Delta R.T. 0.02 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

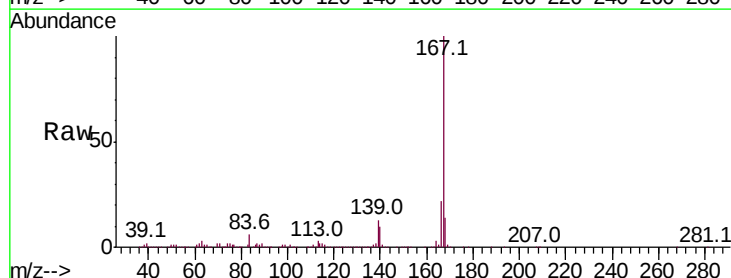
Tgt Ion:167 Resp:11415477

Ion Ratio Lower Upper

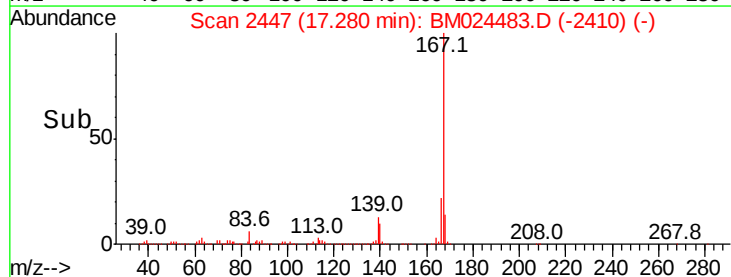
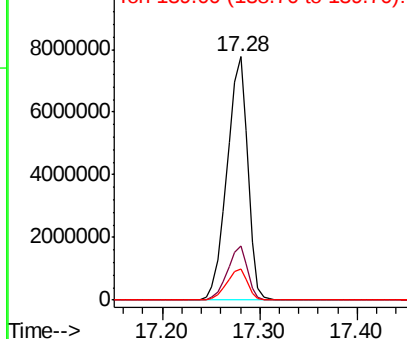
167 100

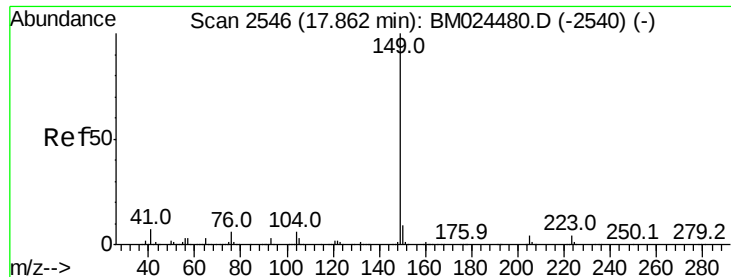
166 22.0 17.1 25.7

139 12.8 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

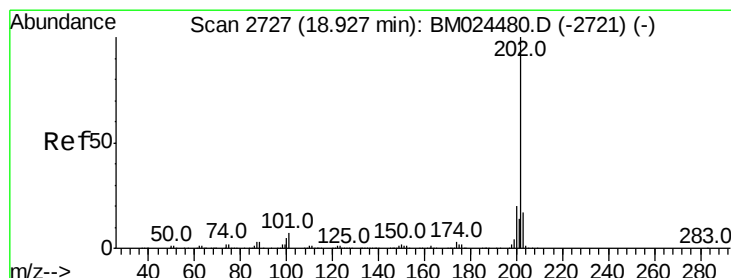
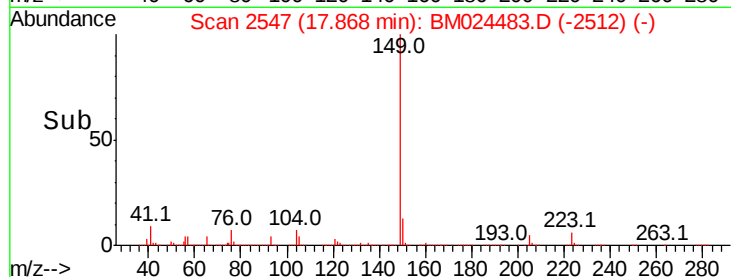
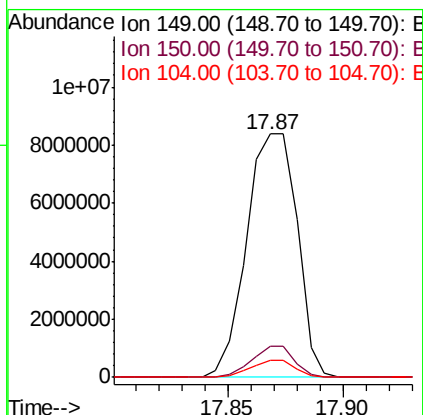
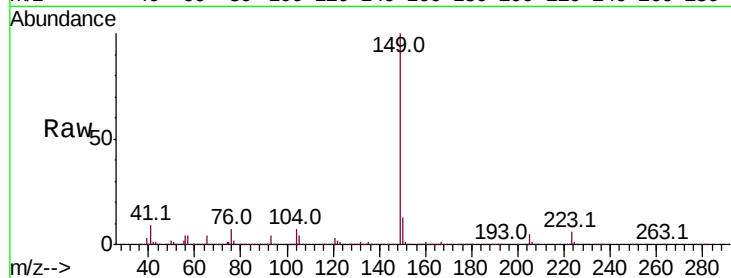




#76
Di-n-butylphthalate
Concen: 148.174 ng/ul
RT: 17.87 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

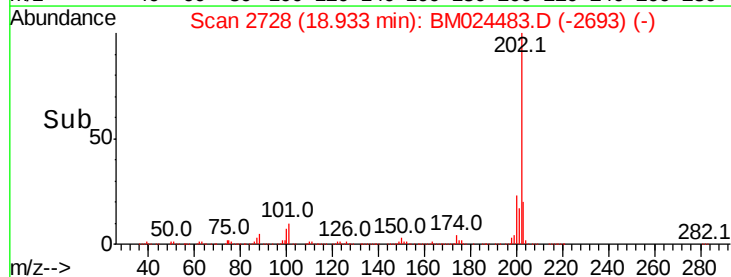
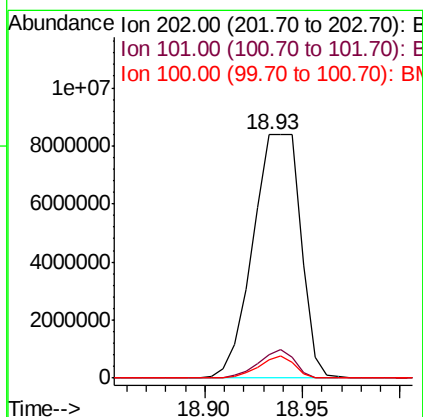
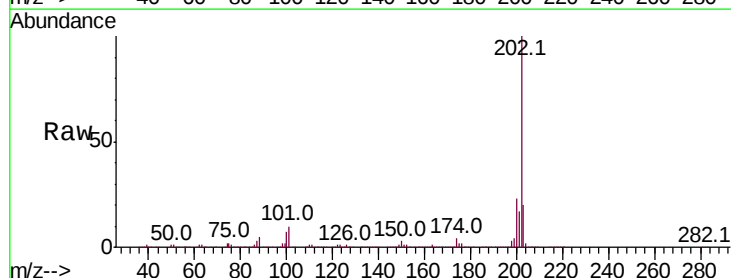
Instrument :
BNA_M
ClientSampleId :

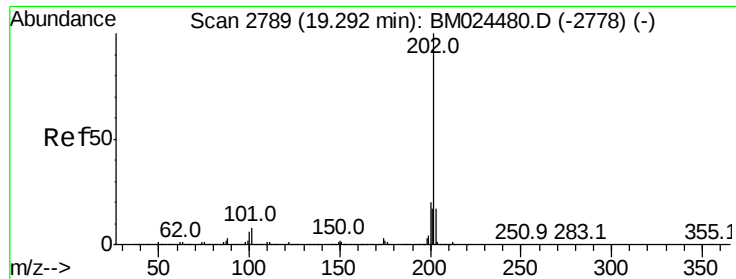
Tot Ion:149 Resp:12812103
Ion Ratio Lower Upper
149 100
150 12.9 7.4 11.2#
104 7.3 4.4 6.6#



#77
Fluoranthene
Concen: 146.702 ng/ul
RT: 18.93 min Scan# 2728
Delta R.T. 0.01 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Tgt Ion:202 Resp:14241145
Ion Ratio Lower Upper
202 100
101 9.6 5.4 8.2#
100 7.3 4.3 6.5#

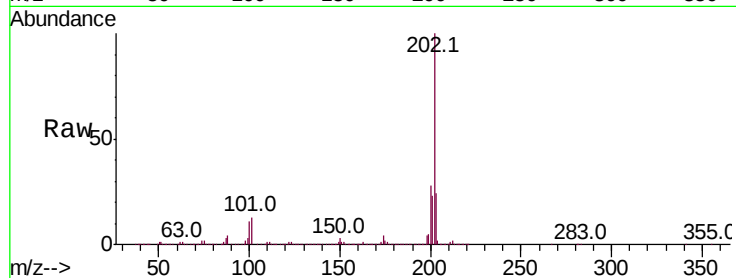




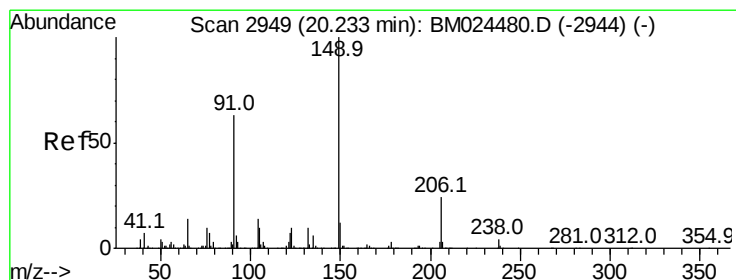
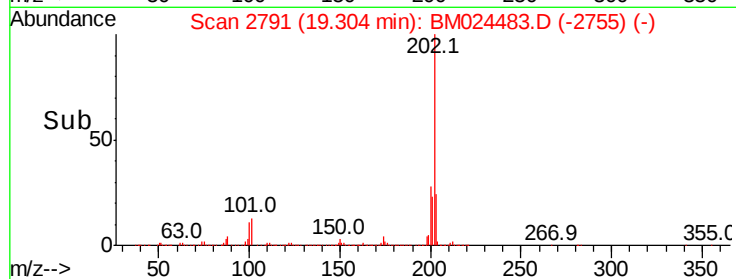
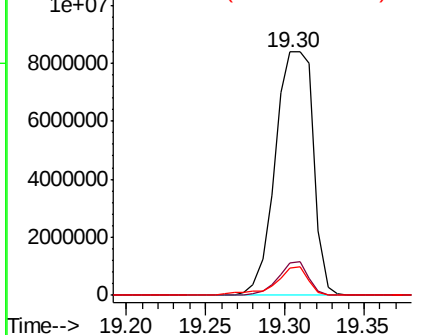
#80
Pvrene
Concen: 144.981 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.01 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp:13971542
Ion Ratio Lower Upper
202 100
101 13.4 6.5 9.7#
100 11.1 5.0 7.6#

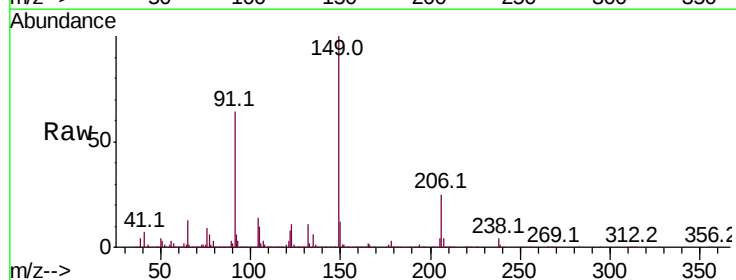


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

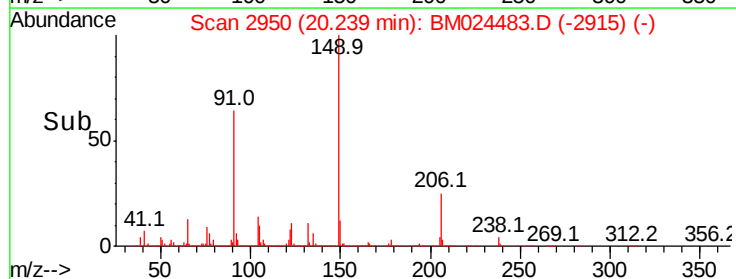
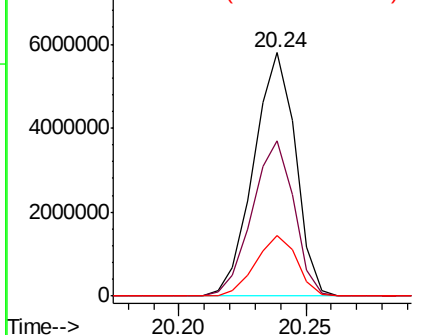


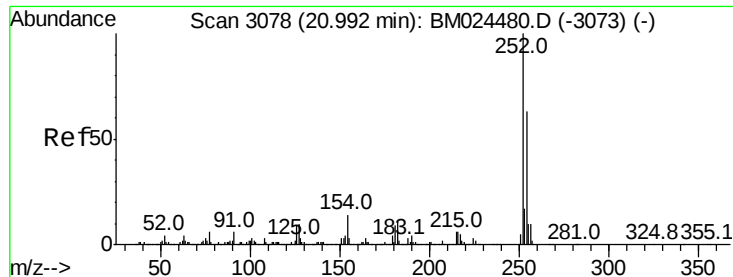
#81
Butylbenzylphthalate
Concen: 193.391 ng/ul
RT: 20.24 min Scan# 2950
Delta R.T. 0.01 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Tgt Ion:149 Resp: 6707895
Ion Ratio Lower Upper
149 100
91 63.9 50.6 75.8
206 24.7 19.0 28.6



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: 150.378 ng/ul

RT: 21.00 min Scan# 3080

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampled :

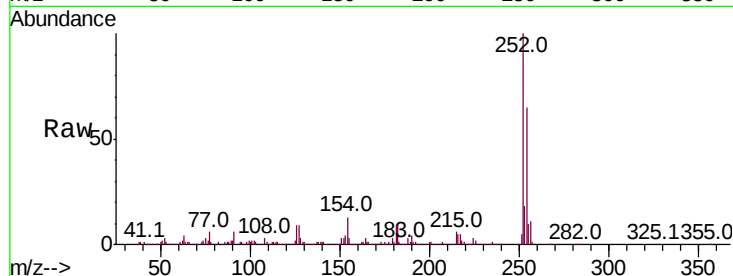
Tot Ion:252 Resp: 4830082

Ion Ratio Lower Upper

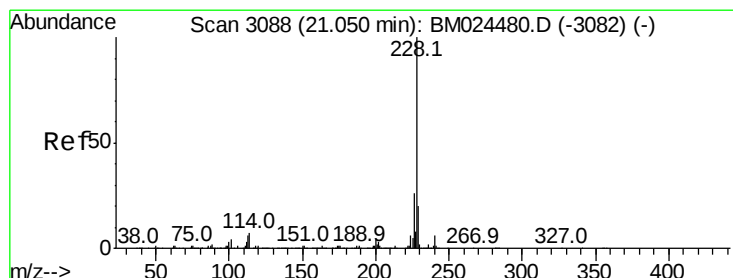
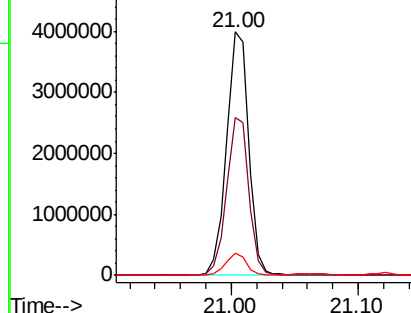
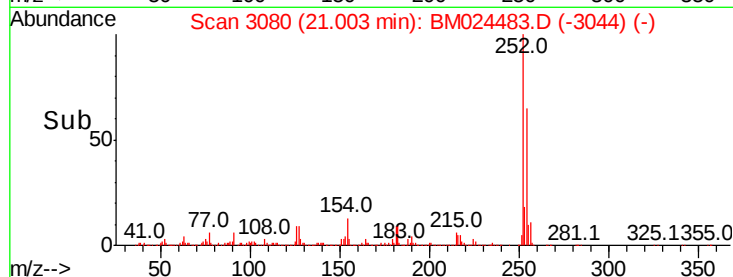
252 100

254 64.9 50.0 75.0

126 9.0 6.9 10.3



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: 147.116 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

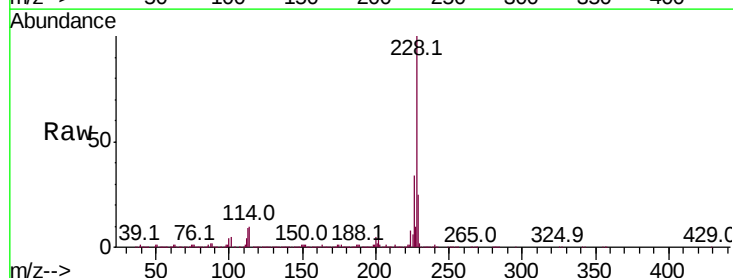
Tgt Ion:228 Resp:13971005

Ion Ratio Lower Upper

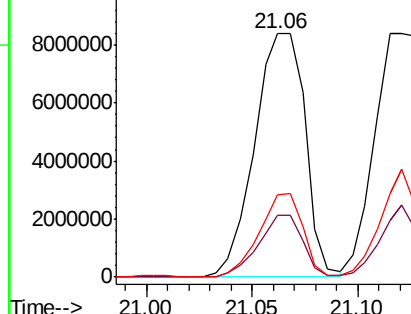
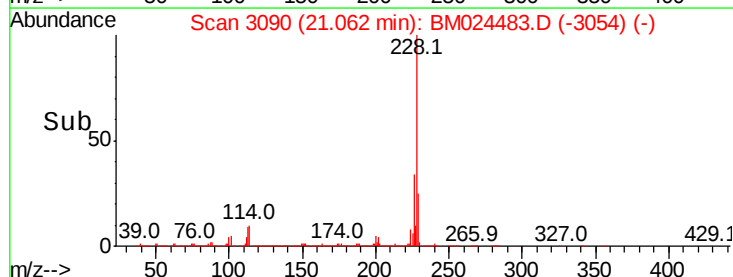
228 100

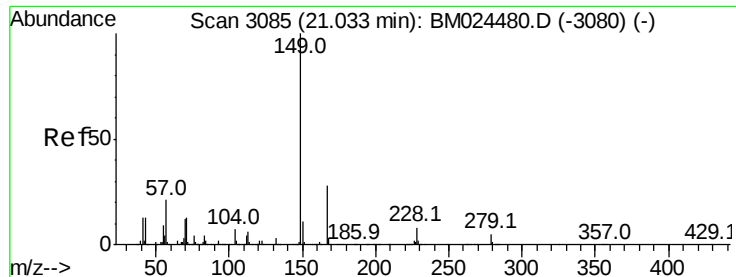
229 25.3 15.9 23.9#

226 33.9 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: 182.030 ng/ul

RT: 21.04 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampleId :

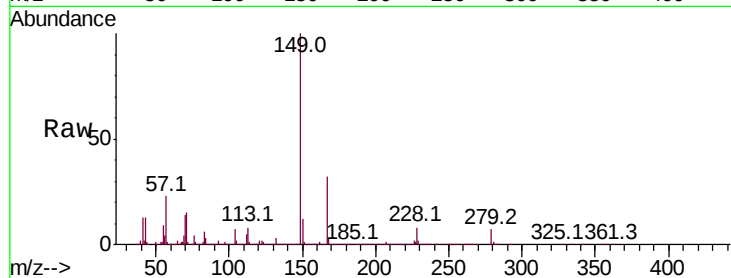
Tot Ion:149 Resp: 9605780

Ion Ratio Lower Upper

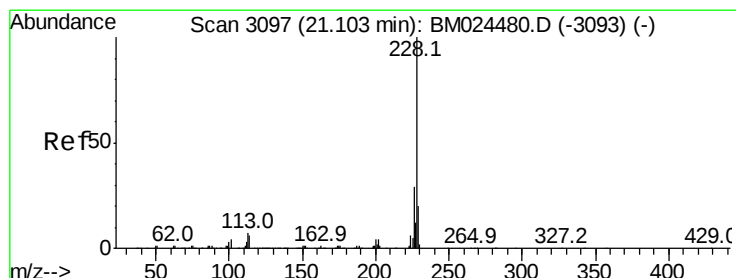
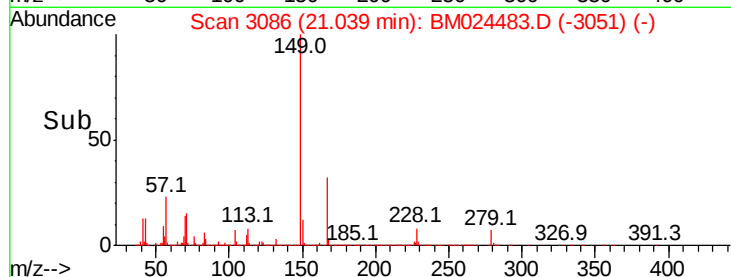
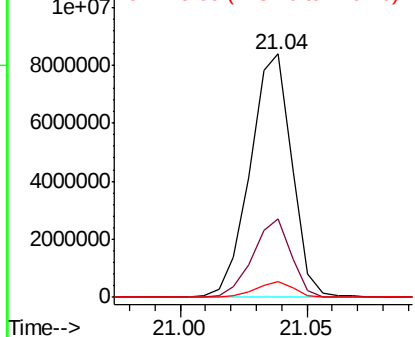
149 100

167 32.2 22.3 33.5

279 6.6 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: 138.076 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

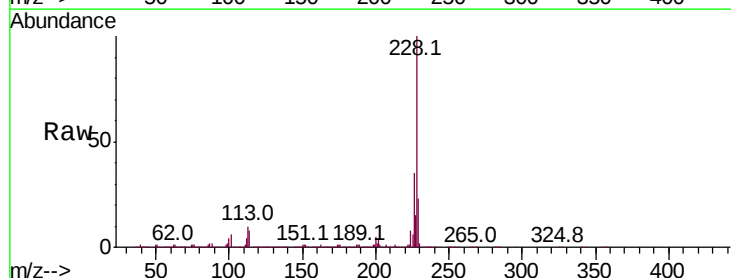
Tgt Ion:228 Resp:12650433

Ion Ratio Lower Upper

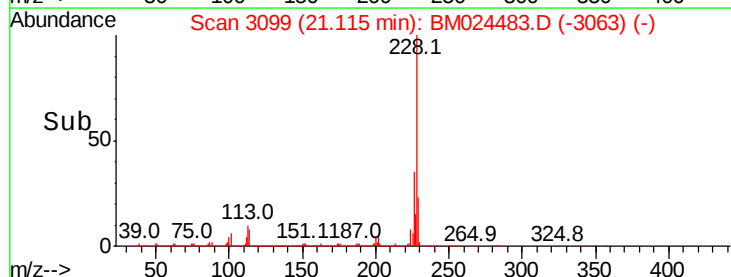
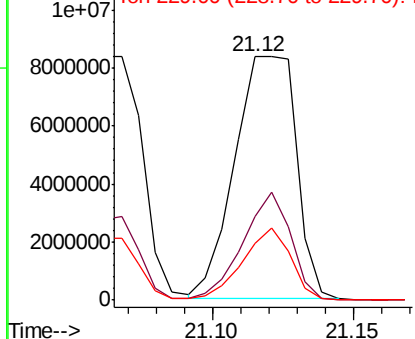
228 100

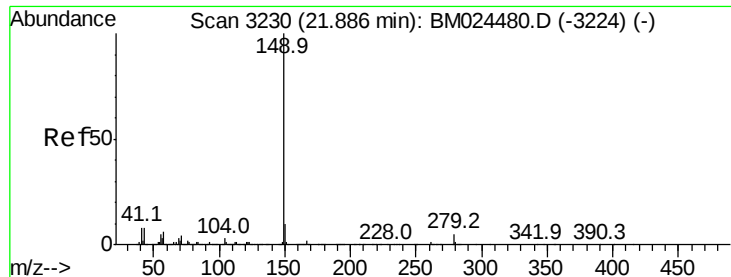
226 34.5 23.4 35.2

229 23.3 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



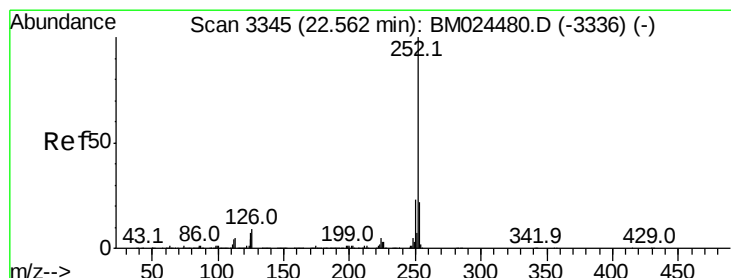
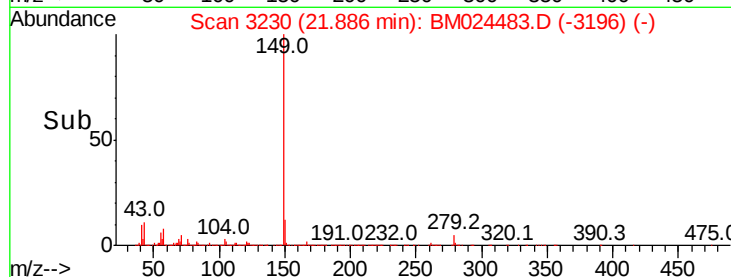
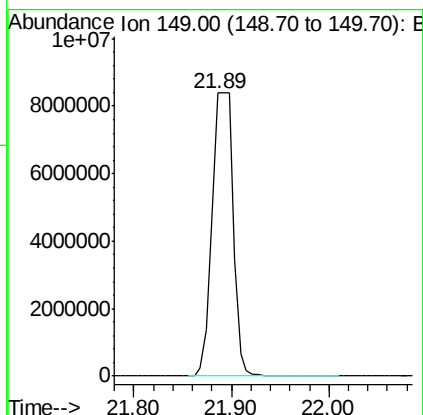
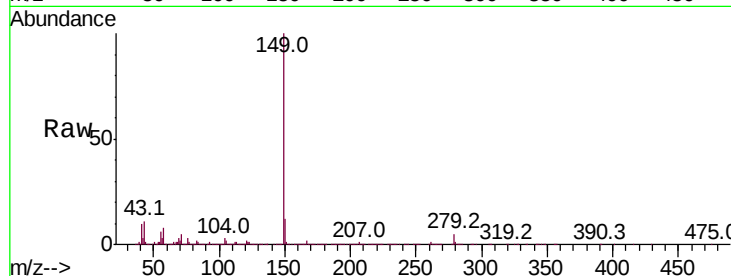


#87

Di-n-octyl phthalate
Concen: 200.761 ng/ul
RT: 21.89 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp:12622139

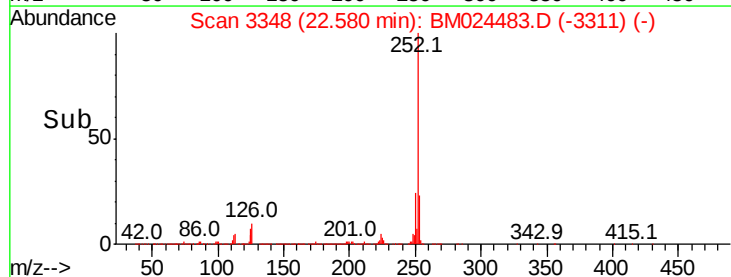
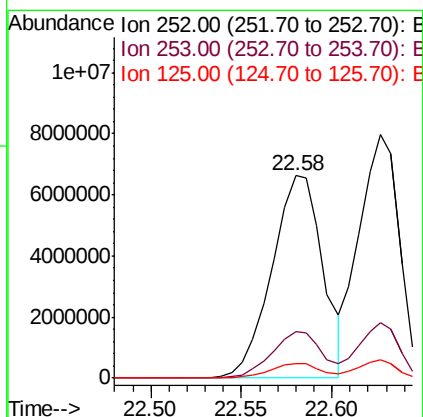
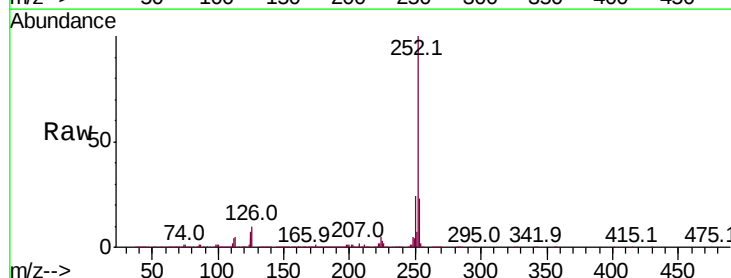


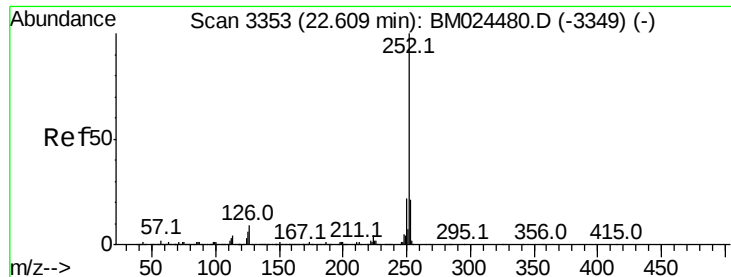
#88

Benzo(b)fluoranthene
Concen: 188.643 ng/ul
RT: 22.58 min Scan# 3348
Delta R.T. 0.02 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Tgt Ion:252 Resp:13035647

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	7.4	5.3	7.9





#89

Benzo(k)fluoranthene

Concen: 181.445 ng/ul

RT: 22.63 min Scan# 3356

Delta R.T. 0.02 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampleId :

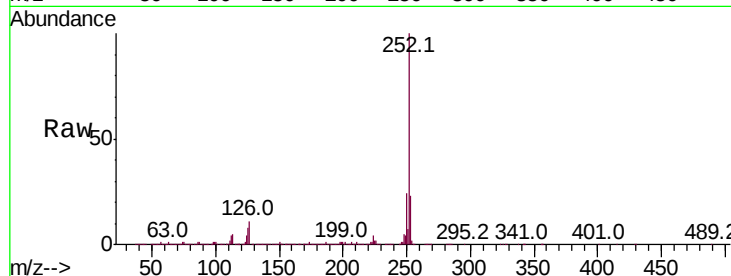
Tot Ion:252 Resp:12292474

Ion Ratio Lower Upper

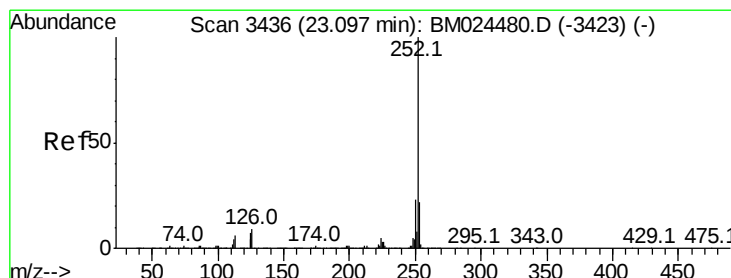
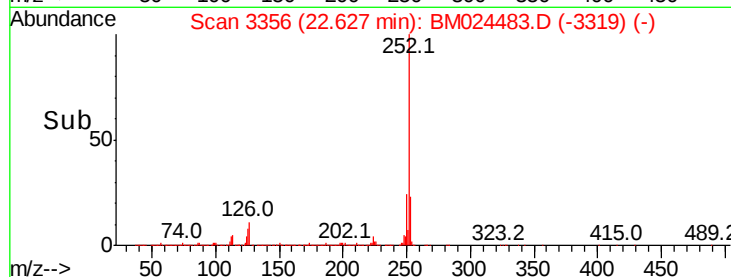
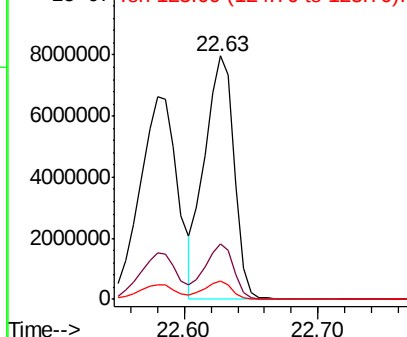
252 100

253 23.0 17.1 25.7

125 7.6 5.2 7.8



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



#91

Benzo(a)pyrene

Concen: 172.567 ng/ul

RT: 23.12 min Scan# 3440

Delta R.T. 0.02 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

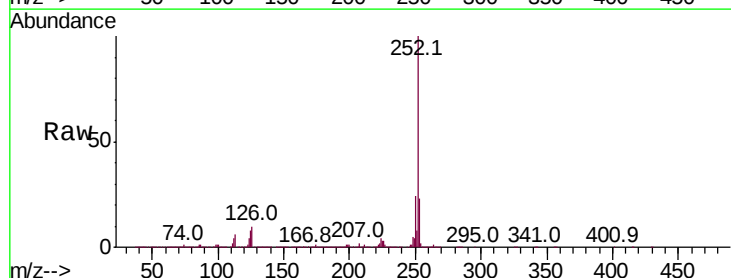
Tgt Ion:252 Resp:11055358

Ion Ratio Lower Upper

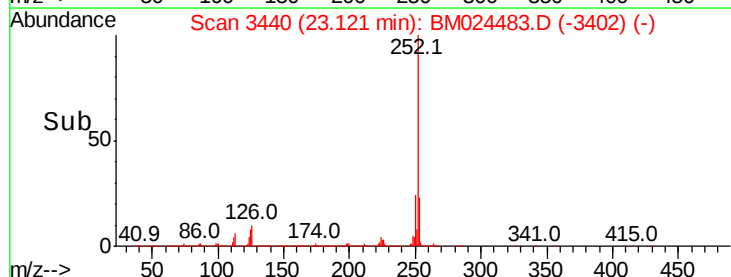
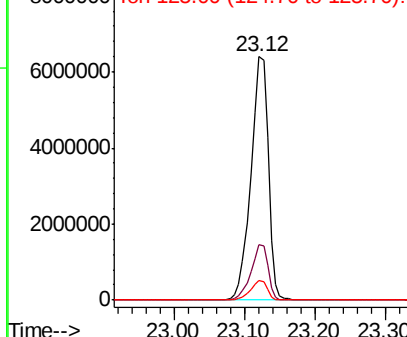
252 100

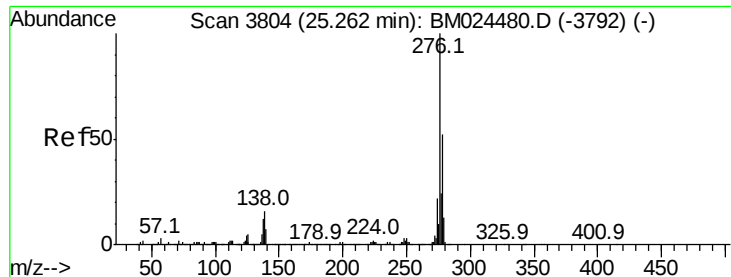
253 22.5 17.5 26.3

125 7.9 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



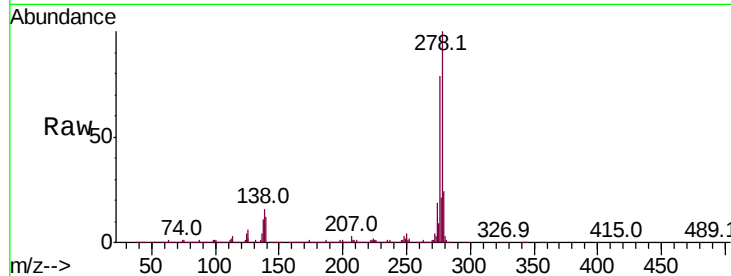


#92

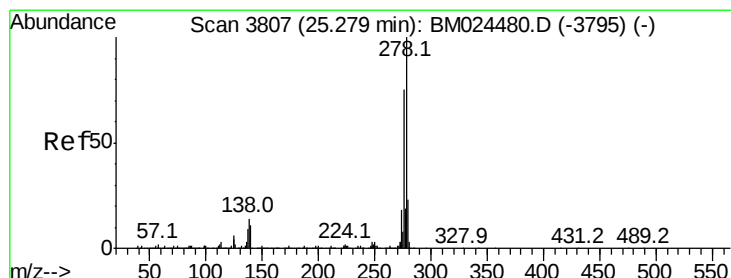
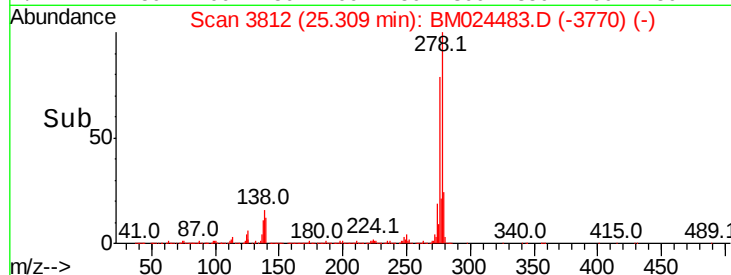
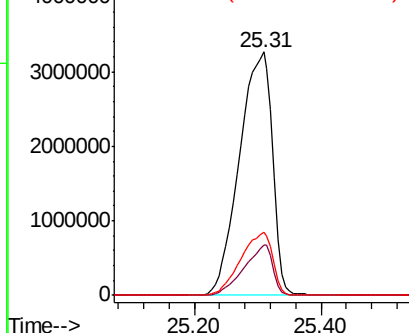
Indeno(1,2,3-cd)pyrene
Concen: 143.840 ng/ul
RT: 25.31 min Scan# 3812
Delta R.T. 0.05 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp:11874432
Ion Ratio Lower Upper
276 100
138 20.6 12.5 18.7#
277 26.2 19.0 28.6



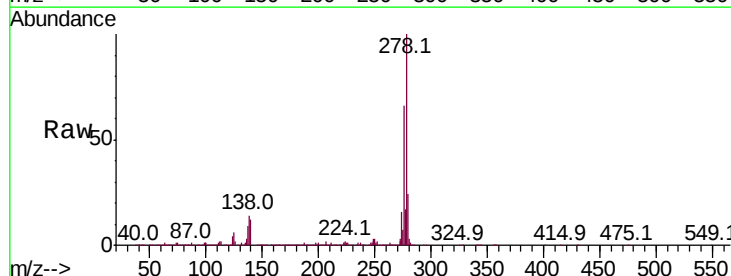
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



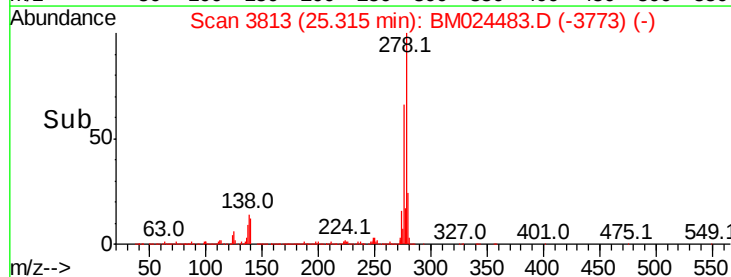
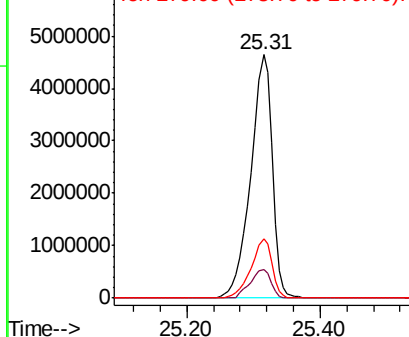
#93

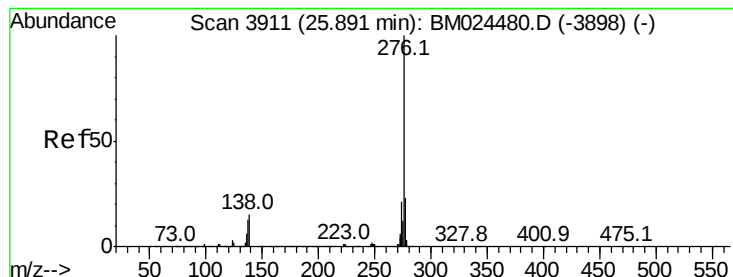
Dibenzo(a,h)anthracene
Concen: 145.380 ng/ul
RT: 25.31 min Scan# 3813
Delta R.T. 0.04 min
Lab File: BM024483.D
Acq: 15 Jan 2020 21:09

Tgt Ion:278 Resp:10176326
Ion Ratio Lower Upper
278 100
139 12.0 8.7 13.1
279 24.1 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(a,h,i)perylene

Concen: 135.891 ng/ul

RT: 25.93 min Scan# 3918

Delta R.T. 0.04 min

Lab File: BM024483.D

Acq: 15 Jan 2020 21:09

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 9406938

Ion Ratio Lower Upper

276 100

138 15.3 12.2 18.2

277 23.8 18.8 28.2

