

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024643.D
 Acq On : 29 Jan 2020 10:53
 Operator : CG/JU
 Sample : PB126393BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 02:52:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	283332	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1051596	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	720254	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1525129	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1135956	20.00	ng	0.00
87) Perylene-d12	23.16	264	1041591	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	1395463	93.67	ng	0.00
7) Phenol-d6	6.65	99	1710602	83.35	ng	0.00
23) Nitrobenzene-d5	8.59	82	1522926	71.02	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1011430	86.33	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	4318208	81.51	ng	0.00
79) Terphenyl-d14	19.50	244	6196149	101.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	245758	41.701	ng	91
3) Pyridine	3.45	79	606651	35.509	ng	96
4) n-Nitrosodimethylamine	3.37	42	278528	36.729	ng	84
6) Aniline	6.79	93	963435	38.561	ng	96
8) 2-Chlorophenol	7.02	128	852737	50.279	ng	92
9) Benzaldehyde	6.59	77	371194	30.609	ng	90
10) Phenol	6.68	94	940309	45.962	ng	95
11) bis(2-Chloroethyl)ether	6.89	93	710573	43.386	ng	95
12) 1,3-Dichlorobenzene	7.33	146	957651	45.963	ng	97
13) 1,4-Dichlorobenzene	7.48	146	971033	45.939	ng	97
14) 1,2-Dichlorobenzene	7.79	146	929369	45.550	ng	97
15) Benzyl Alcohol	7.69	79	691042	40.838	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.98	45	511319	34.103	ng	99
17) 2-Methylphenol	7.90	107	667504	46.300	ng	94
18) Hexachloroethane	8.50	117	345859	42.373	ng	96
19) n-Nitroso-di-n-propylamine	8.26	70	548253	35.579	ng	94
20) 3+4-Methylphenols	8.23	107	888465	44.520	ng	97
22) Acetophenone	8.26	105	1127186	41.569	ng	97
24) Nitrobenzene	8.63	77	857896	41.749	ng	93
25) Isophorone	9.16	82	1498909	41.140	ng	97
26) 2-Nitrophenol	9.33	139	481344	50.588	ng	90
27) 2,4-Dimethylphenol	9.41	122	749284	57.949	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	942775	42.358	ng	99
29) 2,4-Dichlorophenol	9.86	162	926165	53.018	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	1041222	49.421	ng	98
31) Naphthalene	10.25	128	2478746	46.669	ng	99
32) Benzoic acid	9.59	122	475623	40.212	ng	96
33) 4-Chloroaniline	10.37	127	455291	19.556	ng	97
34) Hexachlorobutadiene	10.56	225	690315	47.398	ng	99
35) Caprolactam	11.19	113	19363	3.455	ng	83
36) 4-Chloro-3-methylphenol	11.51	107	816695	43.967	ng	92
37) 2-Methylnaphthalene	11.87	142	1923997	46.940	ng	98
38) 1-Methylnaphthalene	12.10	142	1819965	46.678	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1199841	46.676	ng	99

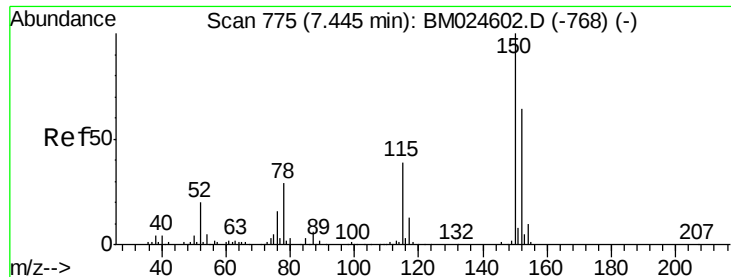
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024643.D
 Acq On : 29 Jan 2020 10:53
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1849254	128.344	ng	99
43) 2,4,6-Trichlorophenol	12.51	196	813986	49.760	ng	99
44) 2,4,5-Trichlorophenol	12.58	196	855160	51.189	ng	96
46) 1,1'-Biphenyl	12.92	154	2525157	46.327	ng	99
47) 2-Chloronaphthalene	12.95	162	2024703	46.012	ng	96
48) 2-Nitroaniline	13.16	65	470204	35.035	ng	# 86
49) Acenaphthylene	13.81	152	3131236	47.534	ng	99
50) Dimethylphthalate	13.57	163	2556909	43.902	ng	99
51) 2,6-Dinitrotoluene	13.67	165	574718	46.413	ng	# 85
52) Acenaphthene	14.16	154	1856127	45.408	ng	99
53) 3-Nitroaniline	14.00	138	357751	27.856	ng	92
54) 2,4-Dinitrophenol	14.21	184	641312	86.609	ng	# 89
55) Dibenzofuran	14.50	168	3096811	46.454	ng	96
56) 4-Nitrophenol	14.33	139	877402	87.398	ng	87
57) 2,4-Dinitrotoluene	14.47	165	769542	43.363	ng	87
58) Fluorene	15.15	166	2470789	44.103	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	792921	46.803	ng	95
60) Diethylphthalate	14.95	149	2442322	41.305	ng	98
61) 4-Chlorophenyl-phenylether	15.16	204	1423949	44.086	ng	97
62) 4-Nitroaniline	15.17	138	488587	34.465	ng	92
63) Azobenzene	15.45	77	1929358	38.254	ng	95
65) 4,6-Dinitro-2-methylphenol	15.24	198	451834	50.386	ng	86
66) n-Nitrosodiphenylamine	15.37	169	2178313	49.723	ng	100
67) 4-Bromophenyl-phenylether	16.05	248	931423	49.110	ng	94
68) Hexachlorobenzene	16.16	284	1071301	49.222	ng	99
69) Atrazine	16.34	200	828131	49.246	ng	99
70) Pentachlorophenol	16.50	266	1286619	97.050	ng	100
71) Phenanthrene	16.89	178	3815099	46.194	ng	99
72) Anthracene	16.97	178	3900343	48.265	ng	100
73) Carbazole	17.25	167	3204135	43.555	ng	98
74) Di-n-butylphthalate	17.84	149	3857401	41.016	ng	99
75) Fluoranthene	18.91	202	4277567	41.498	ng	99
77) Benzidine	19.10	184	2367829	89.504	ng	99
78) Pyrene	19.27	202	4274646	57.082	ng	100
80) Butylbenzylphthalate	20.21	149	1417934	45.124	ng	93
81) Benzo(a)anthracene	21.03	228	3638264	46.146	ng	100
82) 3,3'-Dichlorobenzidine	20.97	252	974555	34.362	ng	100
83) Chrysene	21.09	228	3466274	46.075	ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1953881	42.141	ng	# 96
85) Di-n-octyl phthalate	21.86	149	2897219	37.822	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.23	276	3536803	43.133	ng	99
88) Benzo(b)fluoranthene	22.54	252	3128218	46.306	ng	99
89) Benzo(k)fluoranthene	22.58	252	3184638	48.296	ng	99
90) Benzo(a)pyrene	23.07	252	2806099	45.687	ng	99
91) Dibenzo(a,h)anthracene	25.24	278	2987931	51.255	ng	99
92) Benzo(g,h,i)perylene	25.85	276	2979479	56.287	ng	98

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

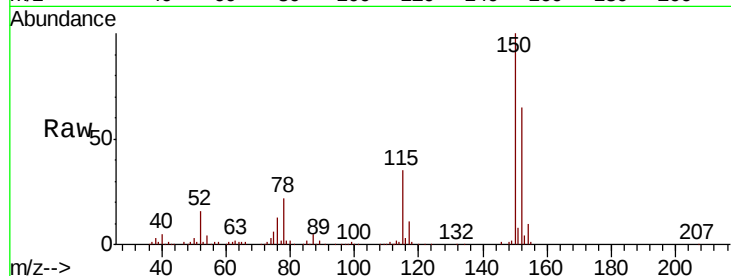


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.2	186.4
115	53.6	48.6	72.8

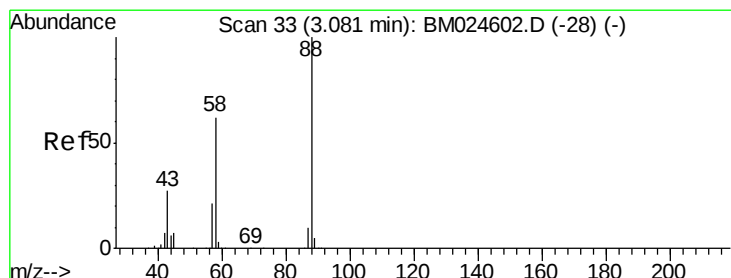
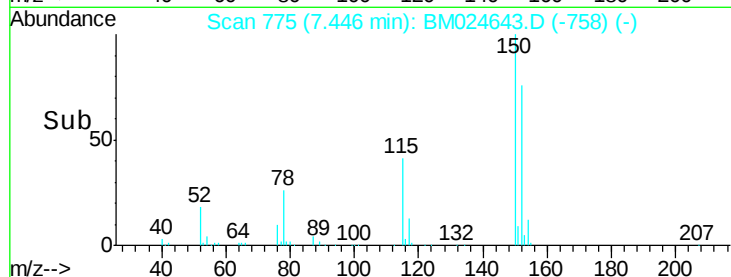
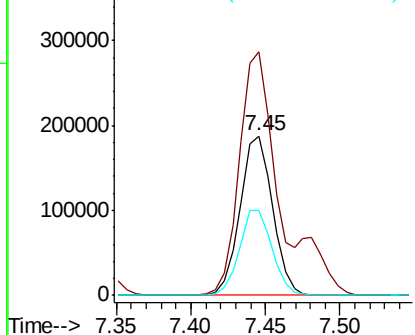


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

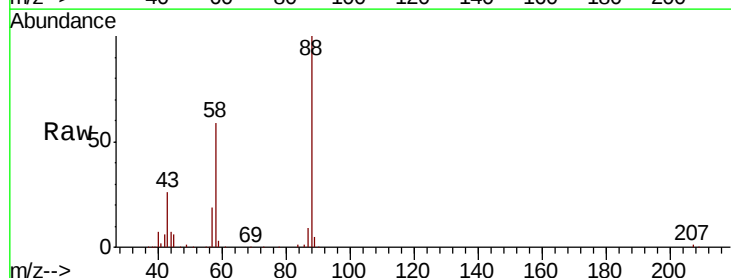
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.701 ng
RT: 3.08 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.1	50.0	75.0
43	23.6	21.6	32.4

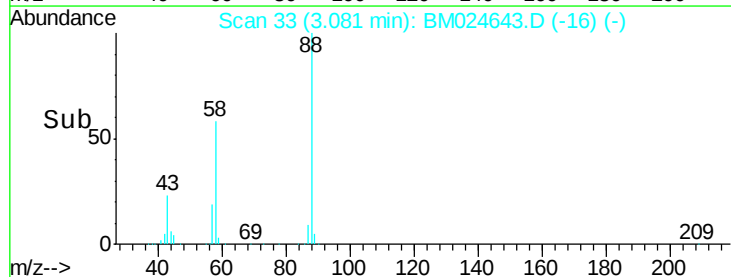
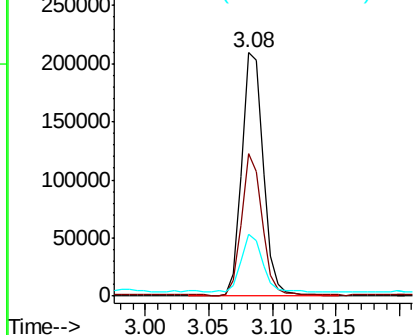


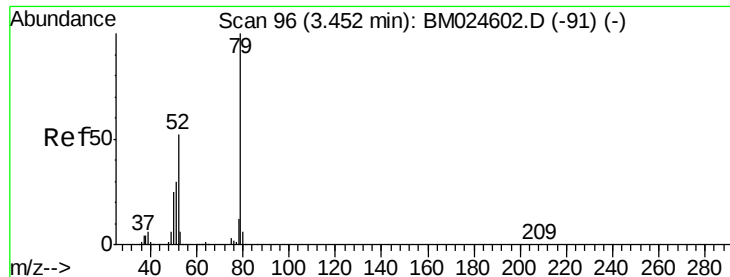
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

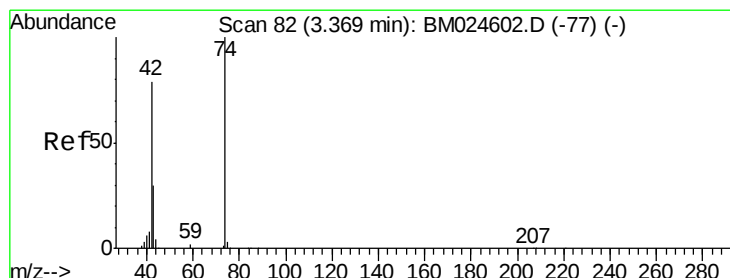
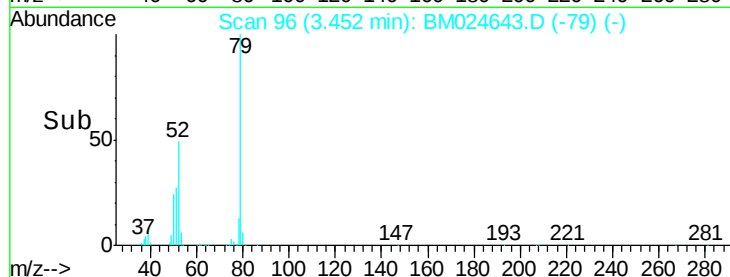
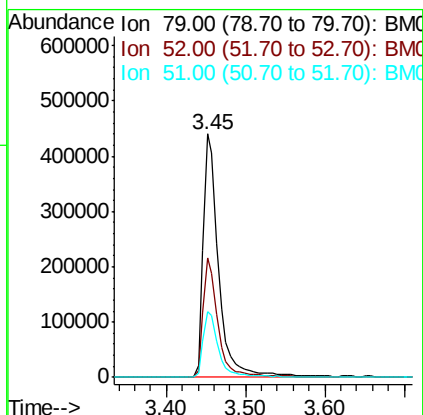
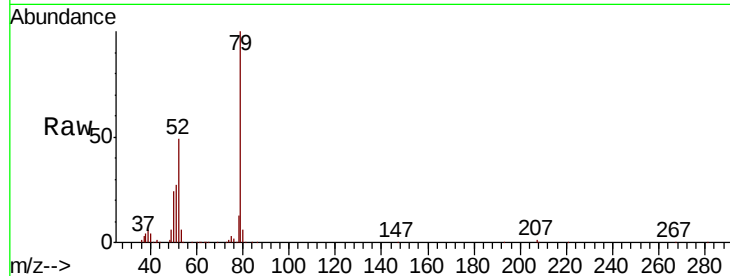




#3
 Pvridine
 Concen: 35.509 ng
 RT: 3.45 min Scan# 96
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

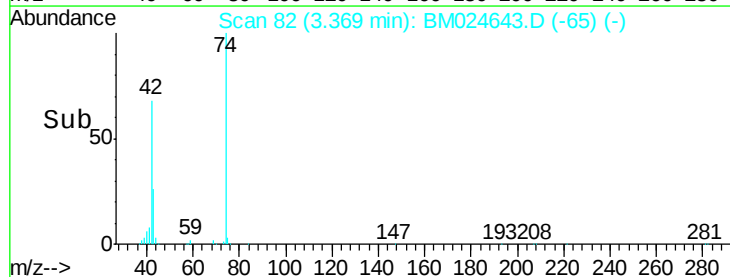
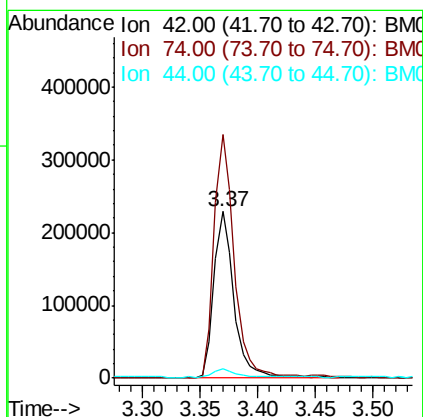
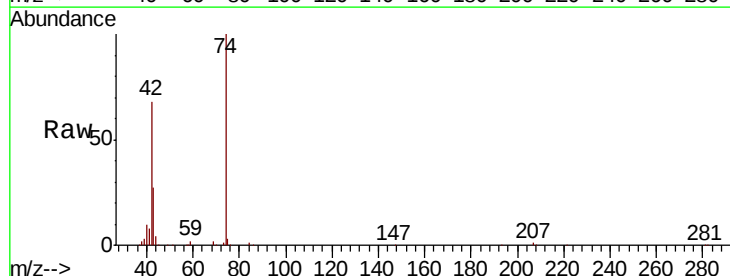
Instrument :
 BNA_M
 ClientSampleId :

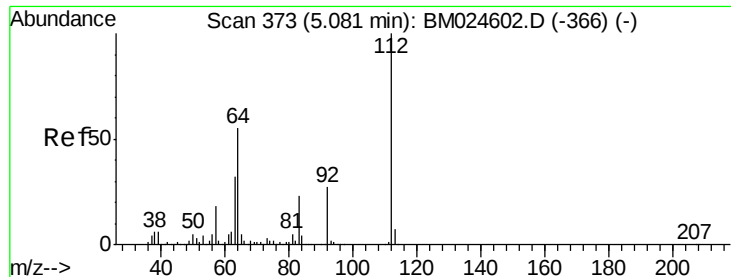
Tot Ion	Ratio	Lower	Upper
79	100		
52	48.9	41.4	62.2
51	27.1	23.8	35.8



#4
 n-Nitrosodimethylamine
 Concen: 36.729 ng
 RT: 3.37 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.3	101.4	152.2
44	5.5	4.6	6.8





#5

2-Fluorophenol

Concen: 93.665 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

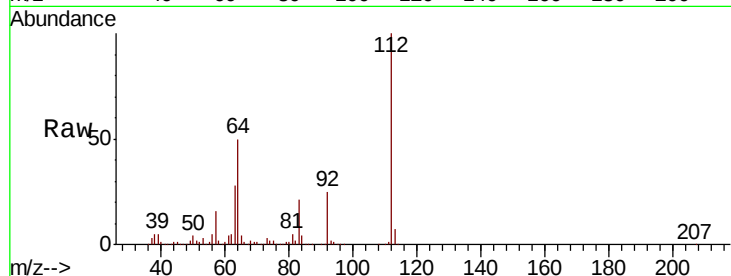
Tot Ion:112 Resp: 1395463

Ion Ratio Lower Upper

112 100

64 49.5 44.2 66.4

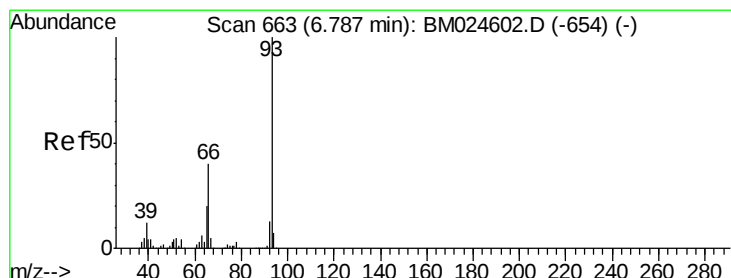
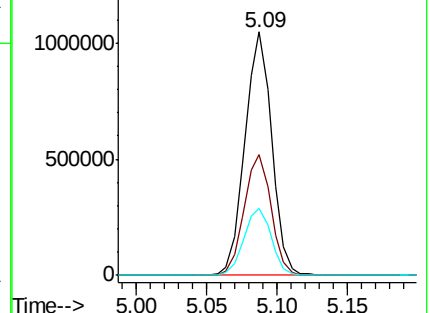
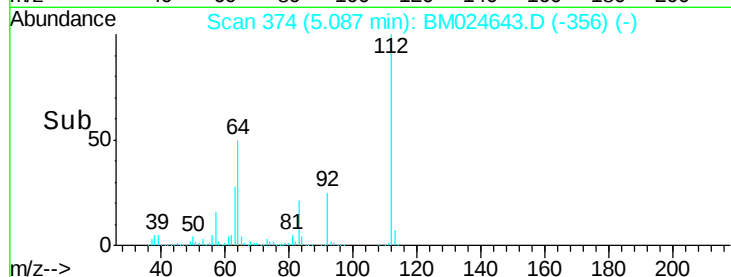
63 27.7 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 38.561 ng

RT: 6.79 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

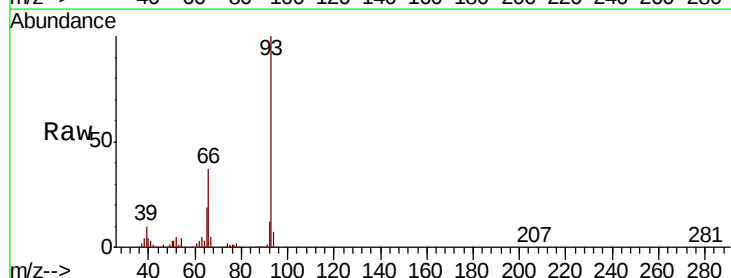
Tgt Ion: 93 Resp: 963435

Ion Ratio Lower Upper

93 100

66 36.6 31.8 47.8

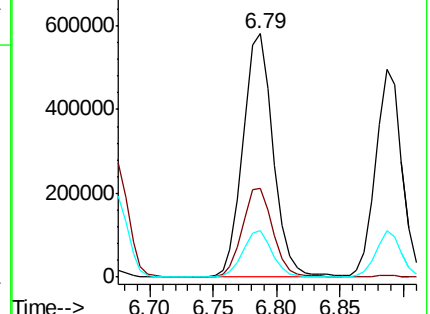
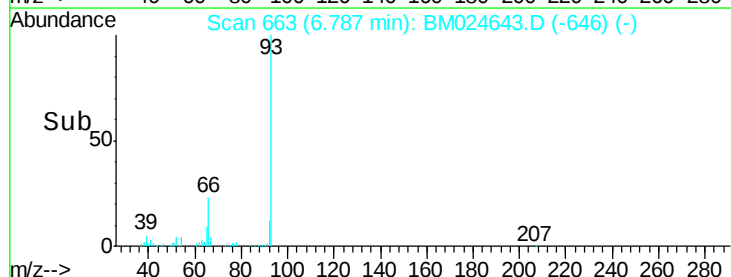
65 18.9 15.8 23.6

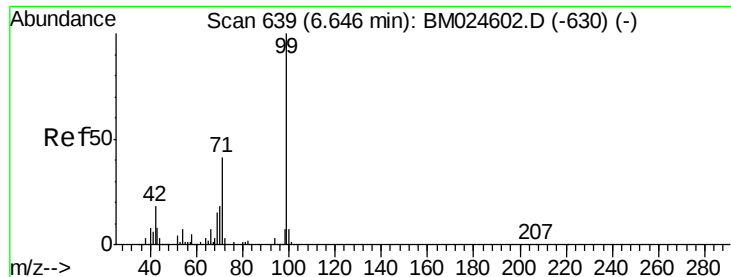


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 83.348 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampled :

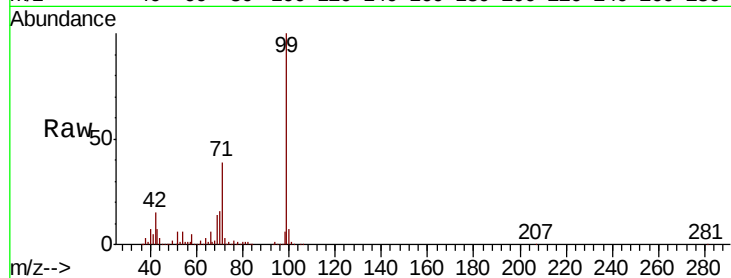
Tot Ion: 99 Resp: 1710602

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

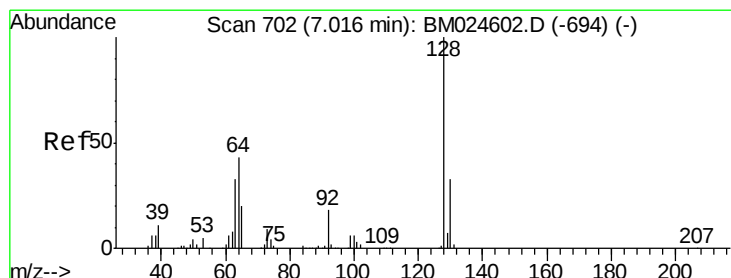
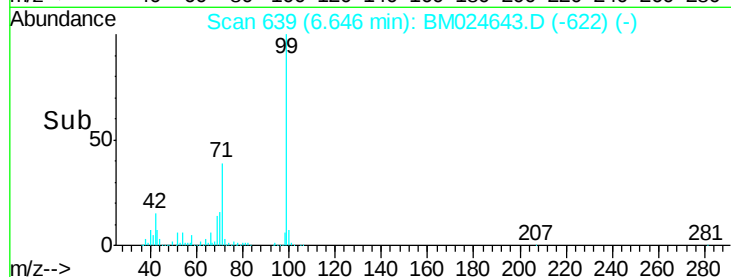
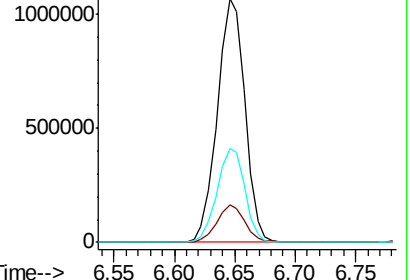
71 38.6 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024602.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM024602.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM024602.D (-630) (-)



#8

2-Chlorophenol

Concen: 50.279 ng

RT: 7.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

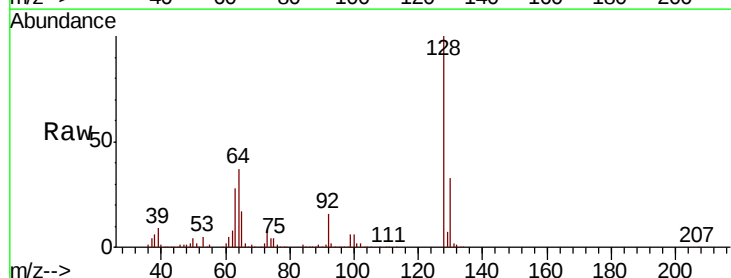
Tgt Ion: 128 Resp: 852737

Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

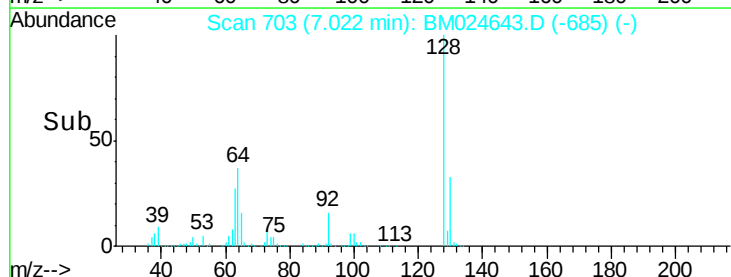
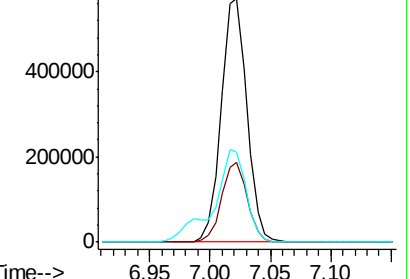
64 37.1 26.1 66.1

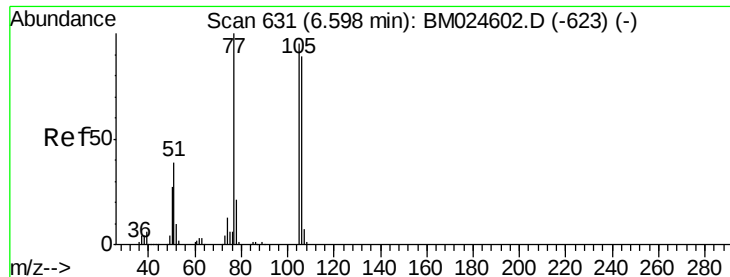


Abundance Ion 128.00 (127.70 to 128.70): BM024602.D (-694) (-)

Ion 130.00 (129.70 to 130.70): BM024602.D (-694) (-)

Ion 64.00 (63.70 to 64.70): BM024602.D (-694) (-)





#9

Benzaldehyde

Concen: 30.609 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

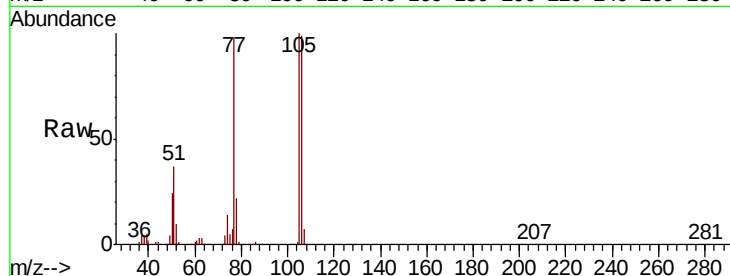
Tot Ion: 77 Resp: 371194

Ion Ratio Lower Upper

77 100

105 101.8 75.2 115.2

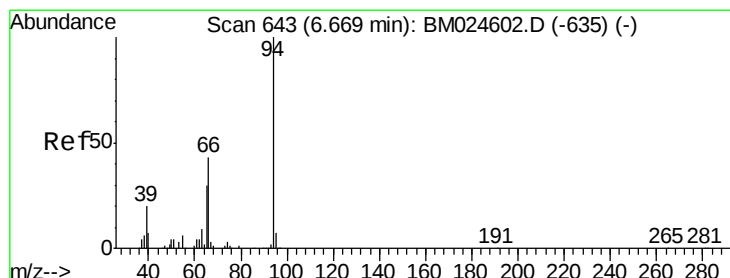
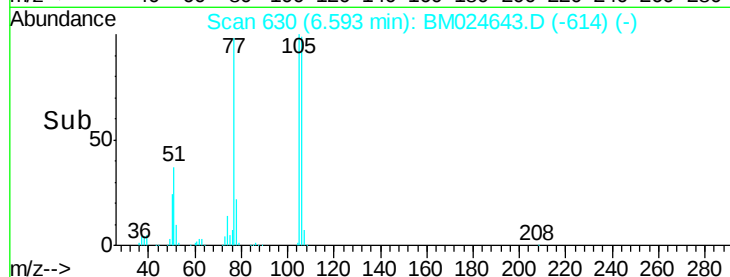
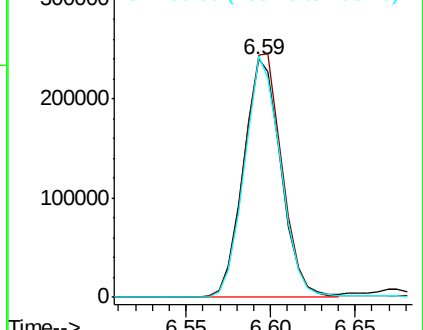
106 100.9 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BM024643.D (-614) (-)

Ion 105.00 (104.70 to 105.70): BM024643.D (-614) (-)

Ion 106.00 (105.70 to 106.70): BM024643.D (-614) (-)



#10

Phenol

Concen: 45.962 ng

RT: 6.68 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

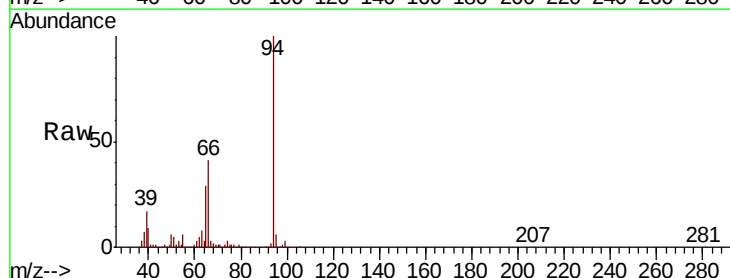
Tgt Ion: 94 Resp: 940309

Ion Ratio Lower Upper

94 100

65 28.9 10.3 50.3

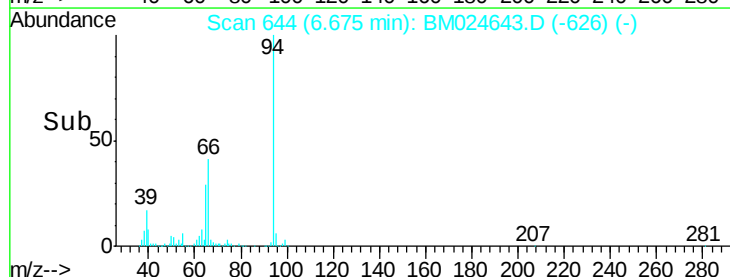
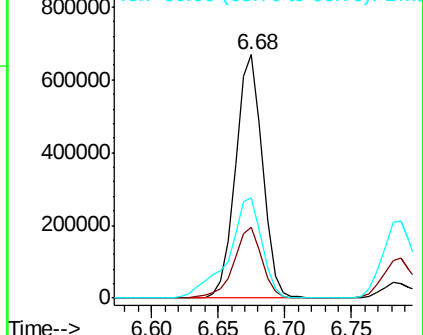
66 41.0 24.8 64.8

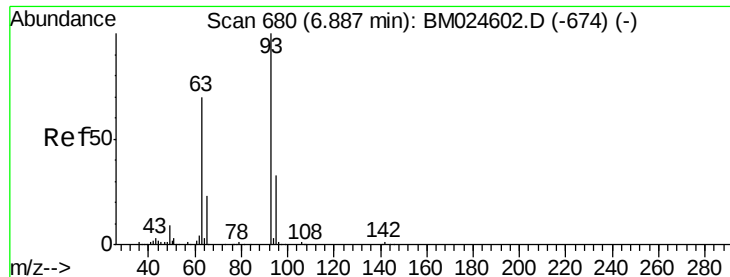


Abundance Ion 94.00 (93.70 to 94.70): BM024643.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM024643.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM024643.D (-626) (-)

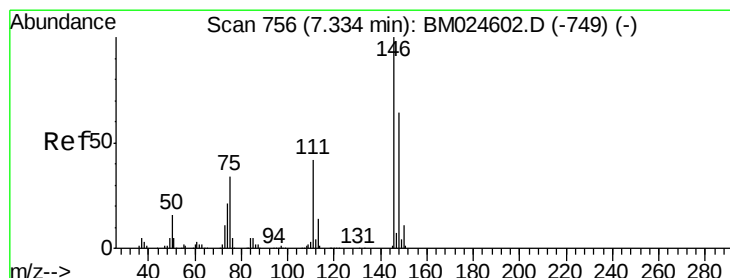
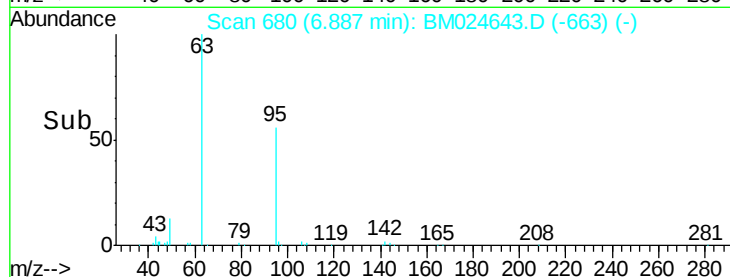
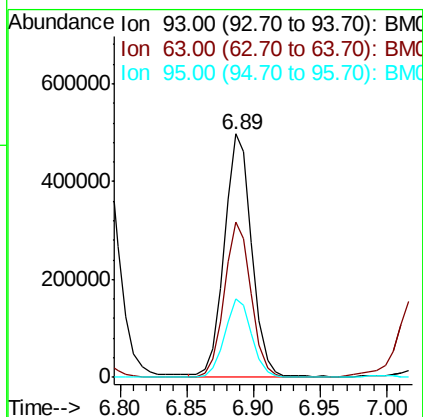
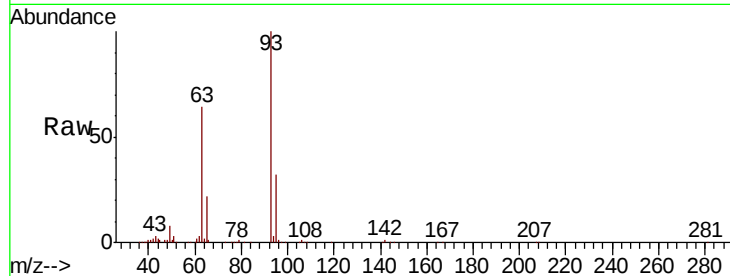




#11
bis(2-Chloroethyl)ether
Concen: 43.386 ng
RT: 6.89 min Scan# 680
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

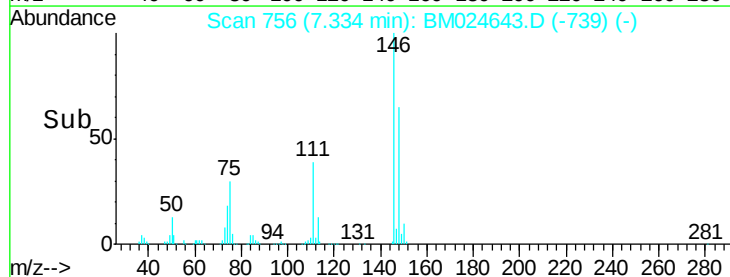
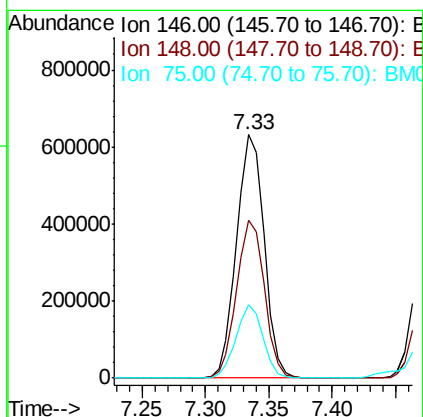
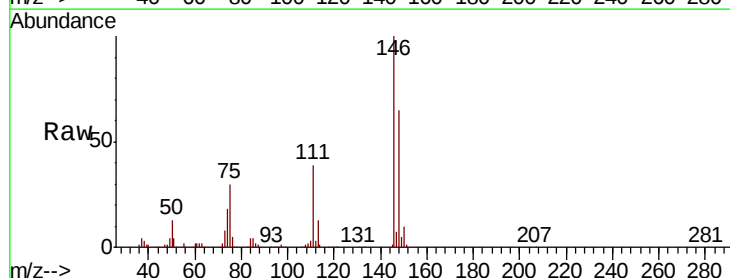
Instrument :
BNA_M
ClientSampleId :

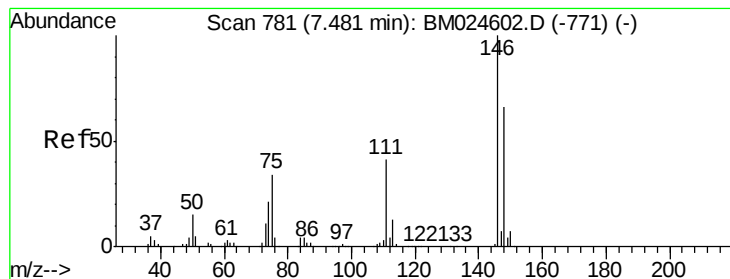
Tot Ion	Ratio	Lower	Upper
93	100		
63	63.5	49.6	89.6
95	32.2	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 45.963 ng
RT: 7.33 min Scan# 756
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
75	29.9	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 45.939 ng

RT: 7.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

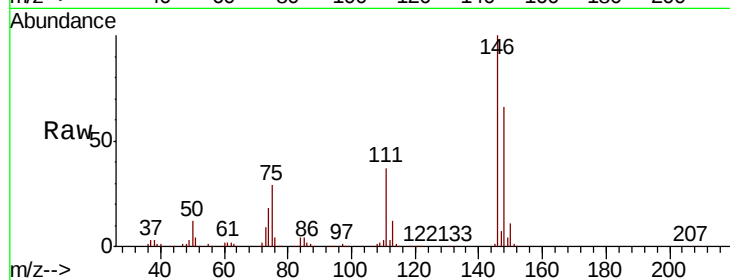
Tot Ion:146 Resp: 971033

Ion Ratio Lower Upper

146 100

148 66.2 52.5 78.7

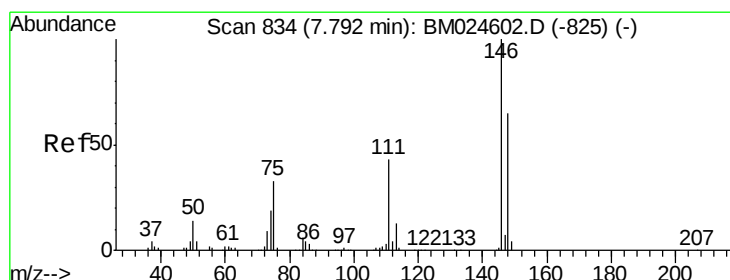
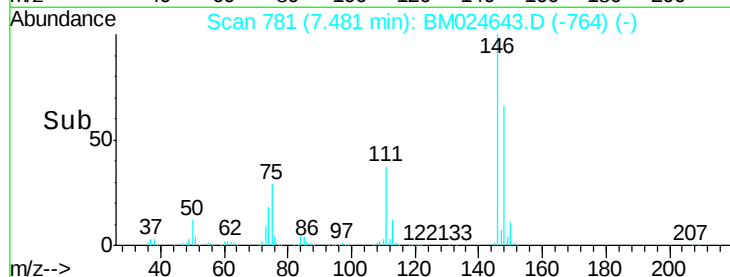
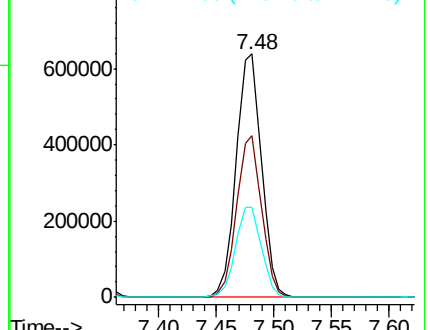
111 37.1 33.0 49.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.550 ng

RT: 7.79 min Scan# 834

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

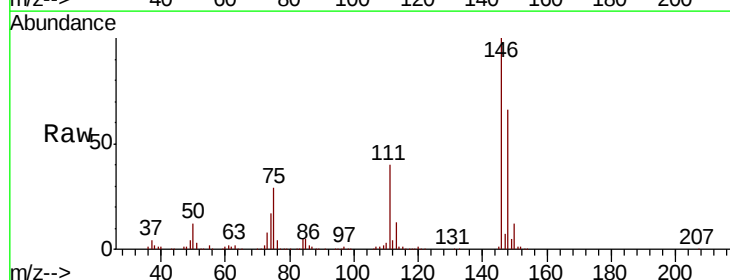
Tgt Ion:146 Resp: 929369

Ion Ratio Lower Upper

146 100

148 65.8 51.9 77.9

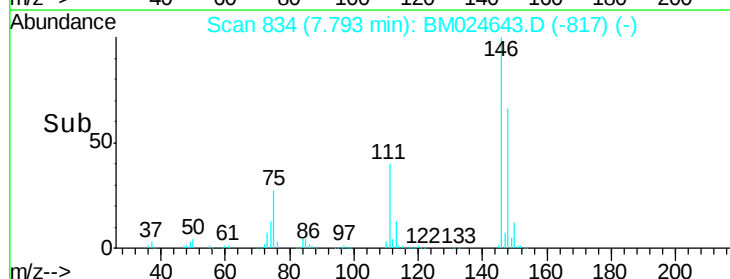
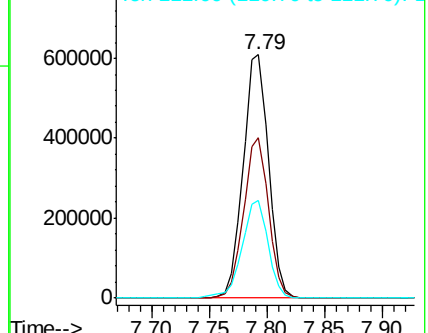
111 40.0 34.5 51.7

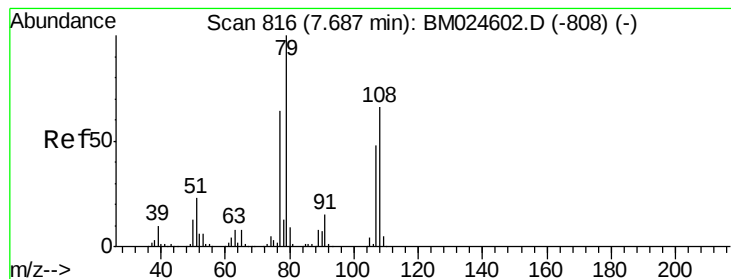


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.838 ng

RT: 7.69 min Scan# 816

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampled :

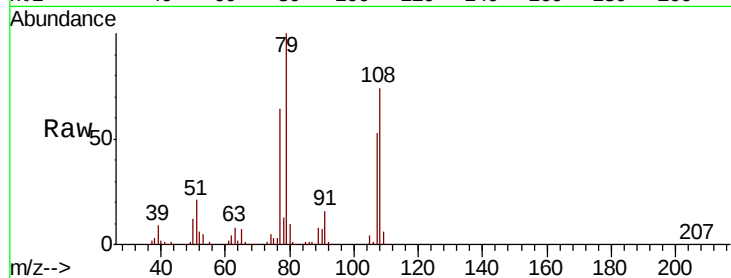
Tot Ion: 79 Resp: 691042

Ion Ratio Lower Upper

79 100

108 73.8 53.0 79.4

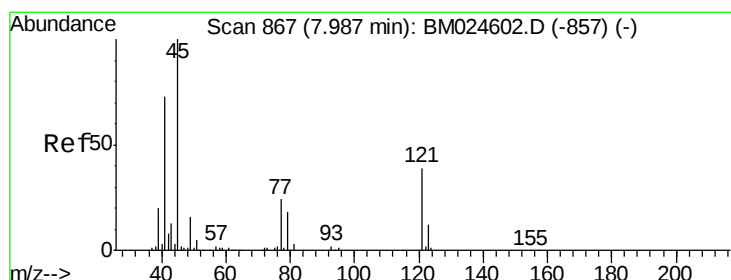
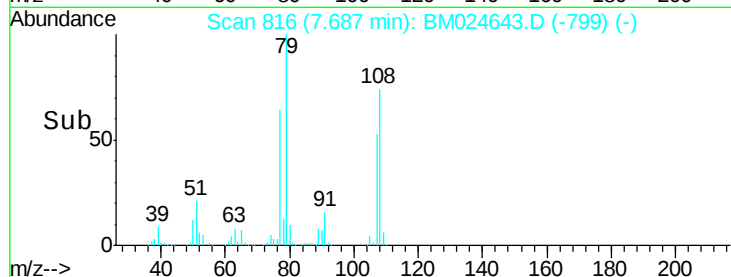
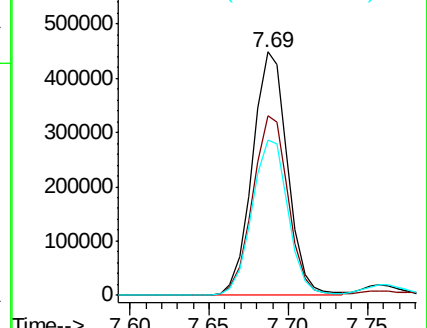
77 64.0 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024602.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM024602.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM024602.D (-808) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.103 ng

RT: 7.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

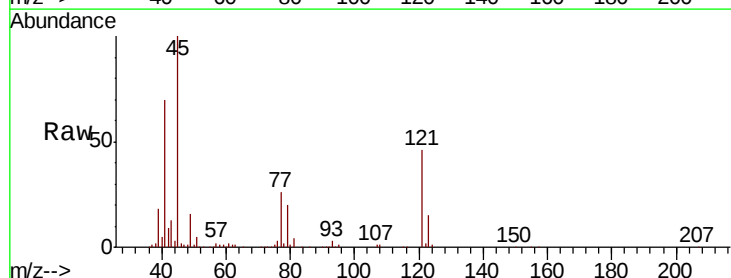
Tgt Ion: 45 Resp: 511319

Ion Ratio Lower Upper

45 100

77 26.0 5.2 45.2

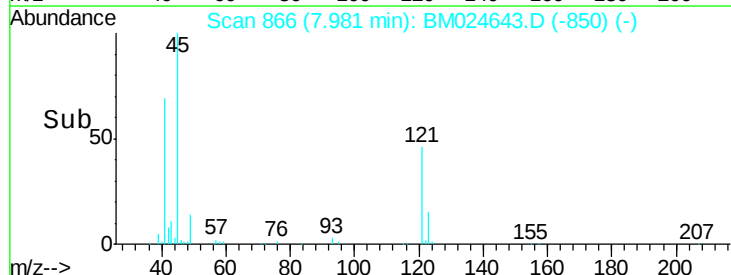
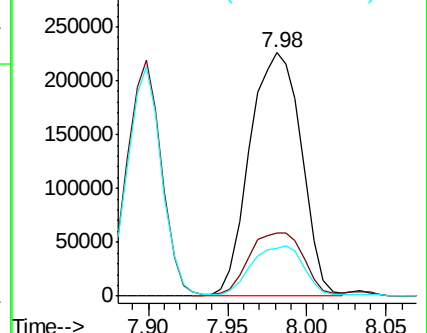
79 19.7 0.0 39.4

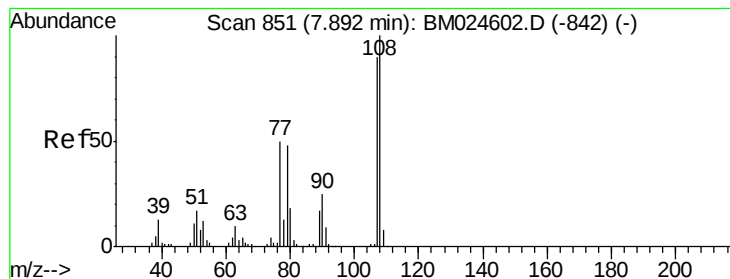


Abundance Ion 45.00 (44.70 to 45.70): BM024602.D (-857) (-)

Ion 77.00 (76.70 to 77.70): BM024602.D (-857) (-)

Ion 79.00 (78.70 to 79.70): BM024602.D (-857) (-)

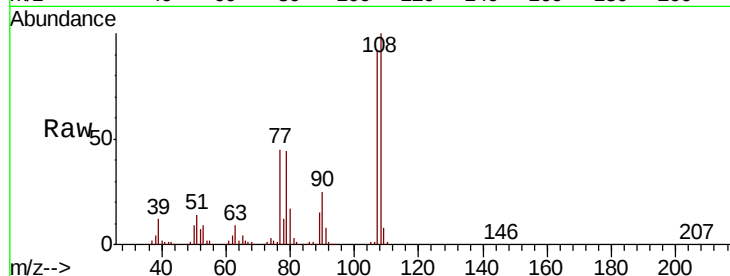




#17
2-Methylphenol
Concen: 46.300 ng
RT: 7.90 min Scan# 852
Delta R.T. 0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	667504
Ion	Ratio	Lower	Upper
107	100		
108	108.8	88.9	133.3
77	48.8	44.5	66.7
79	47.5	42.9	64.3



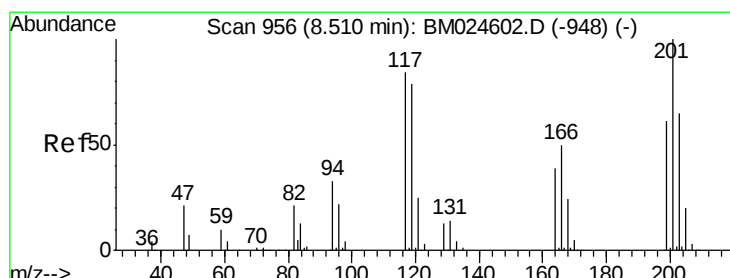
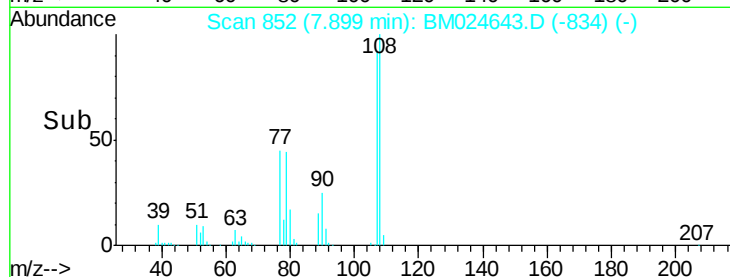
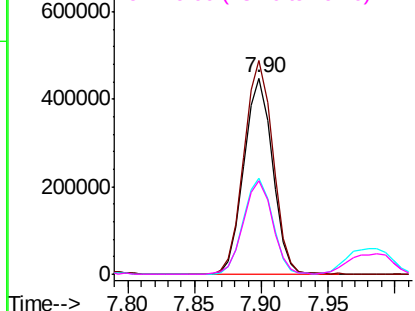
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

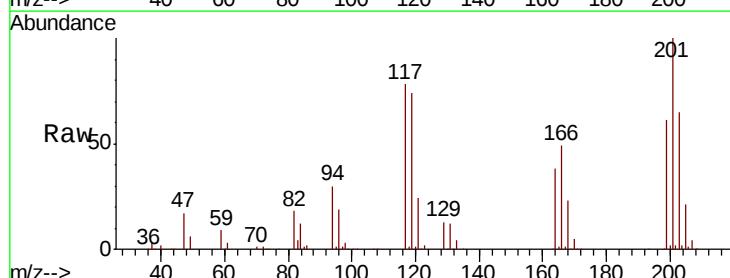
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 42.373 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion:	117	Resp:	345859
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.4	113.2
201	128.3	95.8	143.6

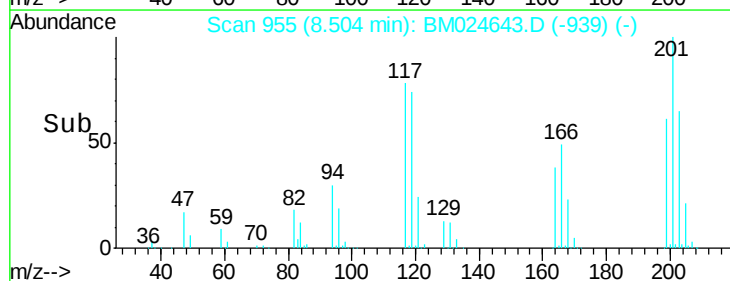
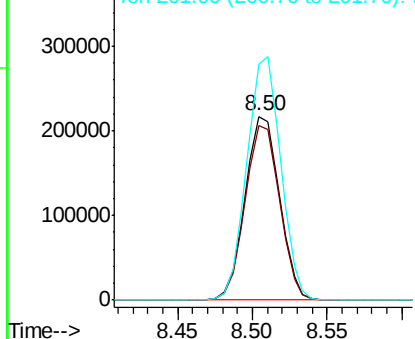


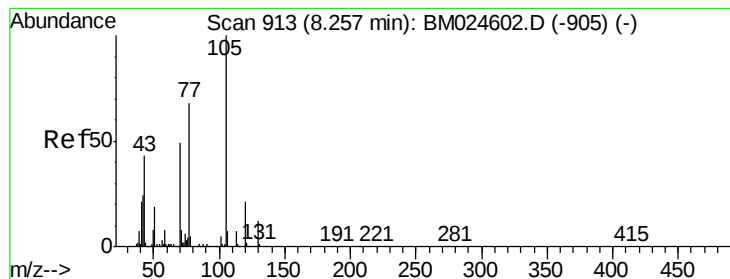
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.579 ng

RT: 8.26 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 548253

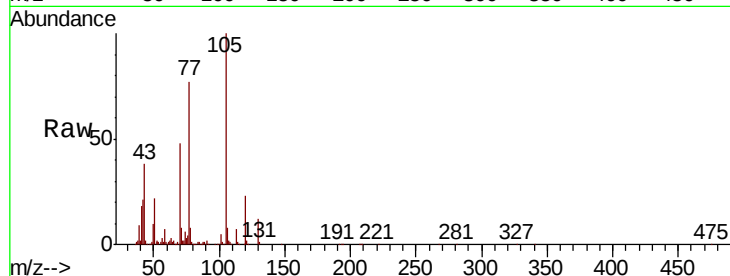
Ion Ratio Lower Upper

70 100

42 43.8 40.0 60.0

101 10.8 8.2 12.2

130 24.4 18.6 27.8

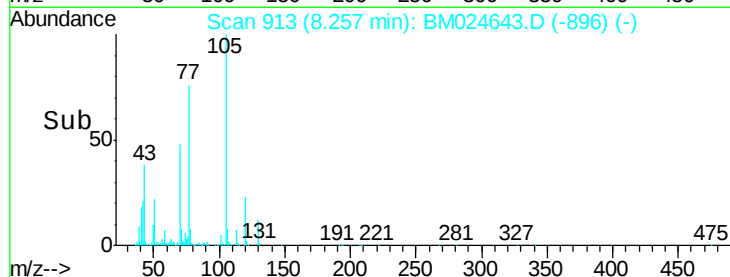


Abundance Ion 70.00 (69.70 to 70.70): BM0

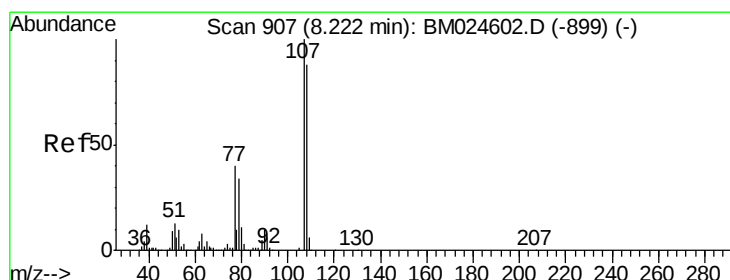
Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->



#20

3+4-Methylphenols

Concen: 44.520 ng

RT: 8.23 min Scan# 908

Delta R.T. 0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tgt Ion:107 Resp: 888465

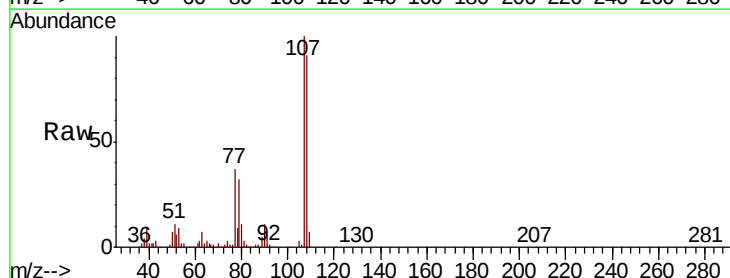
Ion Ratio Lower Upper

107 100

108 90.7 68.0 108.0

77 37.0 19.9 59.9

79 32.3 13.7 53.7

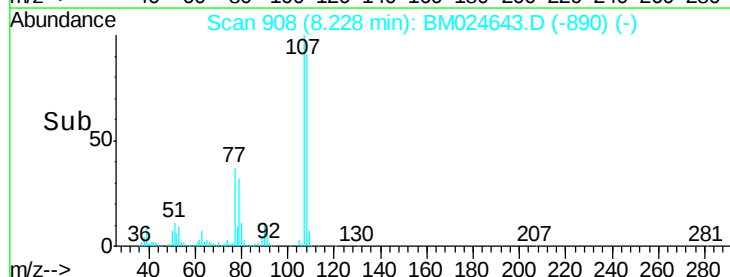


Abundance Ion 107.00 (106.70 to 107.70): E

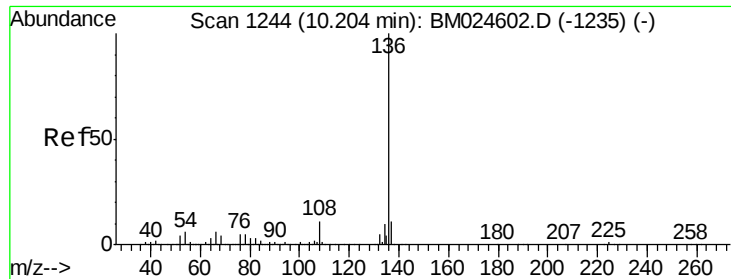
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

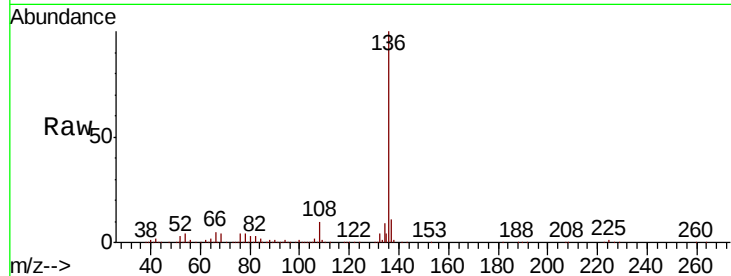
Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1051596

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.4	4.5	6.7#
68	3.8	3.4	5.0

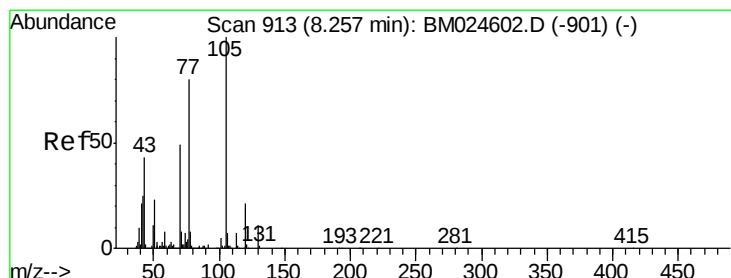
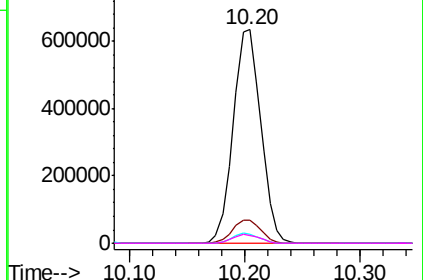
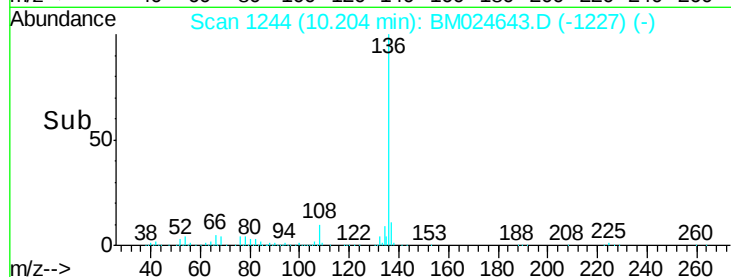


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 41.569 ng

RT: 8.26 min Scan# 913

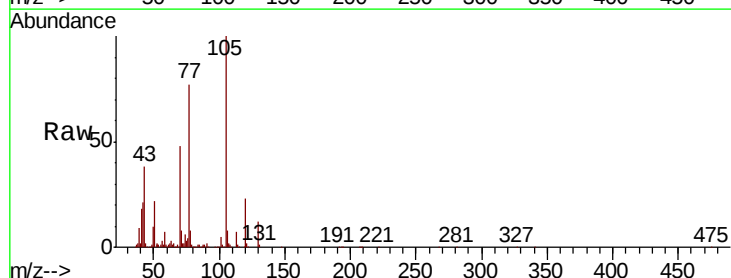
Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tgt Ion:105 Resp: 1127186

Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.7	10.1
51	21.5	18.5	27.7
120	22.9	16.6	25.0

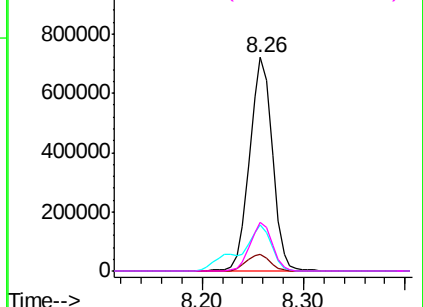
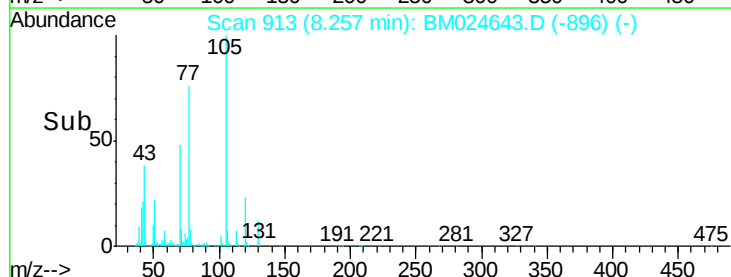


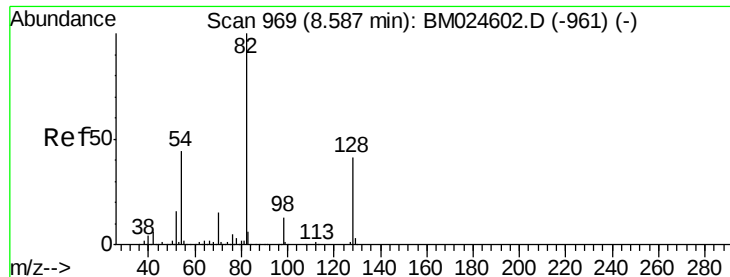
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



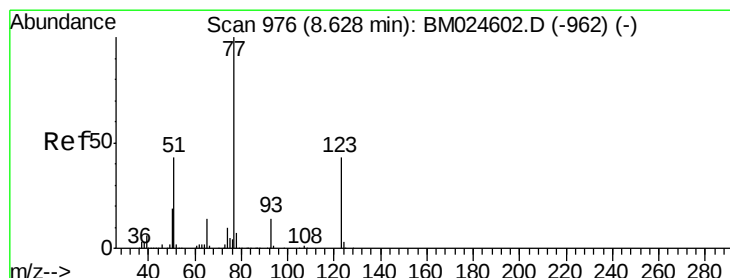
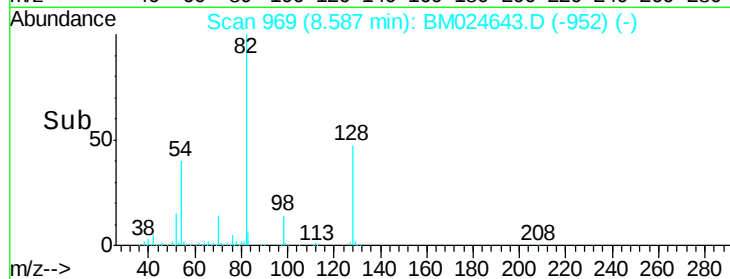
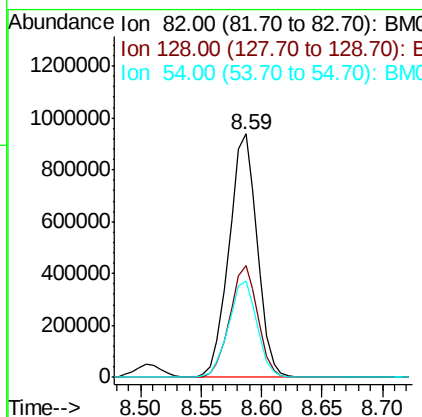
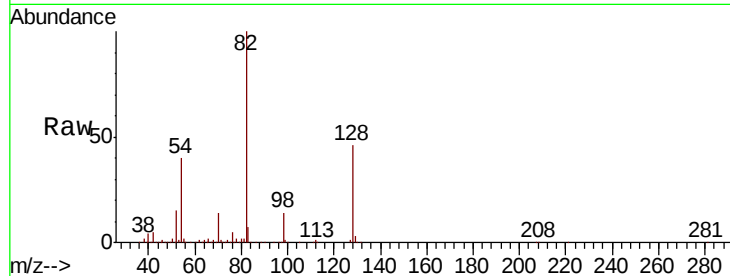


#23
 Nitrobenzene-d5
 Concen: 71.022 ng
 RT: 8.59 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1522926

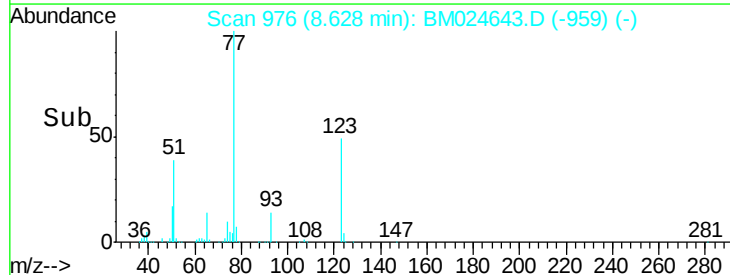
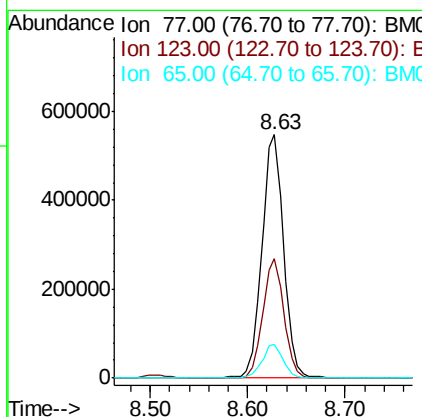
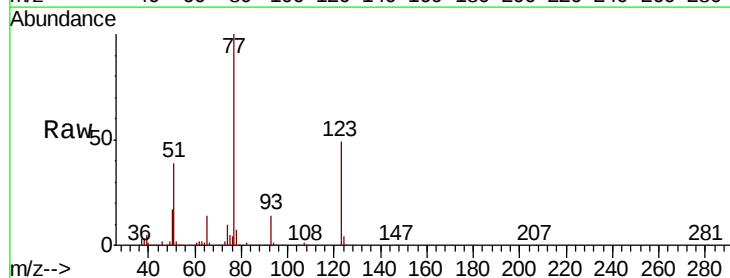
Ion	Ratio	Lower	Upper
82	100		
128	46.1	32.6	48.8
54	39.6	34.8	52.2

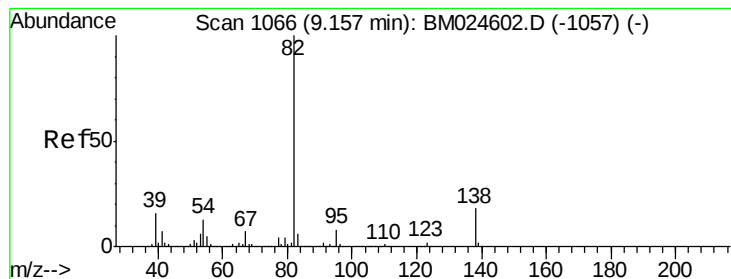


#24
 Nitrobenzene
 Concen: 41.749 ng
 RT: 8.63 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion: 77 Resp: 857896

Ion	Ratio	Lower	Upper
77	100		
123	49.2	34.6	52.0
65	14.0	11.0	16.4





#25

Isophorone

Concen: 41.140 ng

RT: 9.16 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

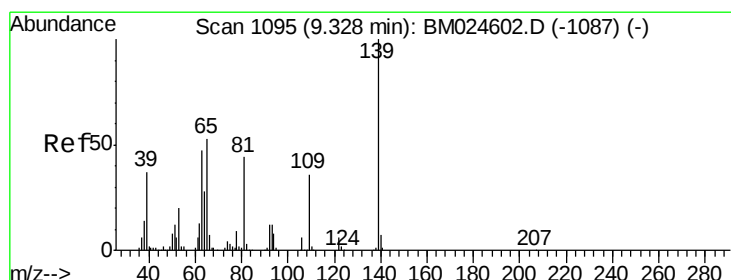
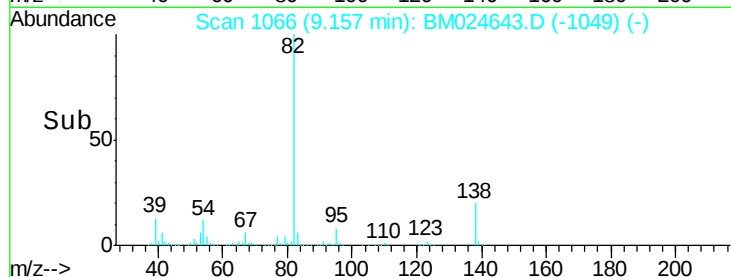
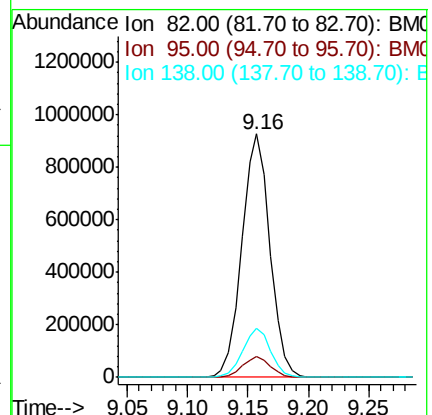
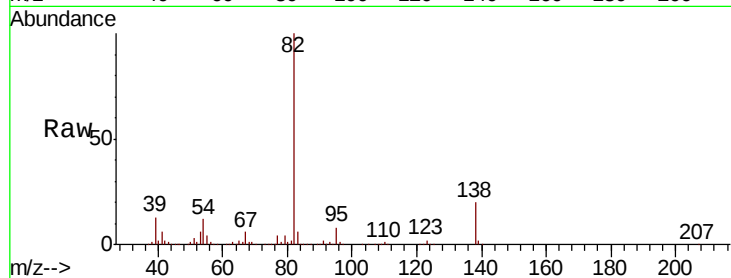
Tot Ion: 82 Resp: 1498909

Ion Ratio Lower Upper

82 100

95 8.4 6.7 10.1

138 20.4 14.7 22.1



#26

2-Nitrophenol

Concen: 50.588 ng

RT: 9.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

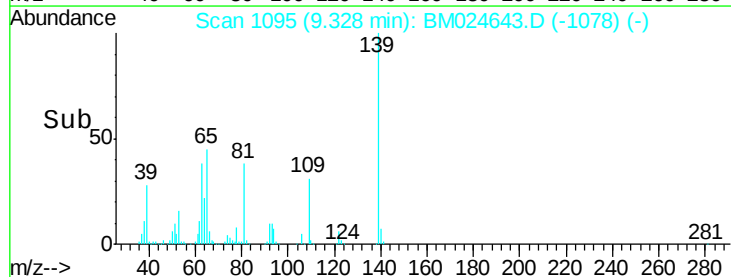
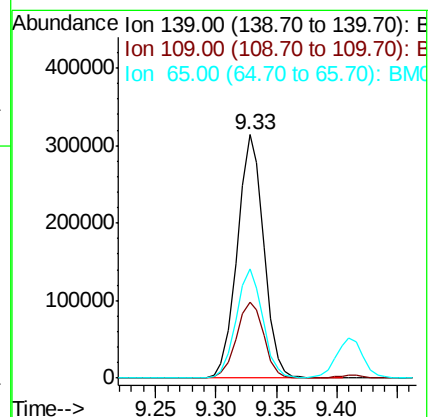
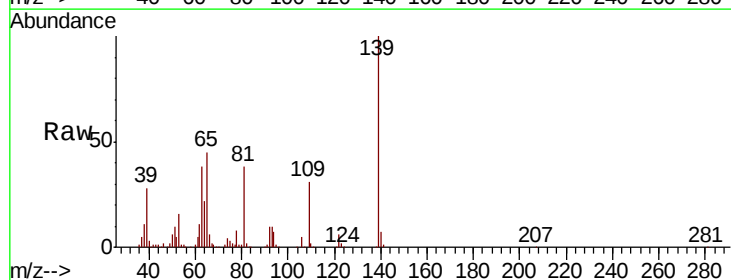
Tgt Ion: 139 Resp: 481344

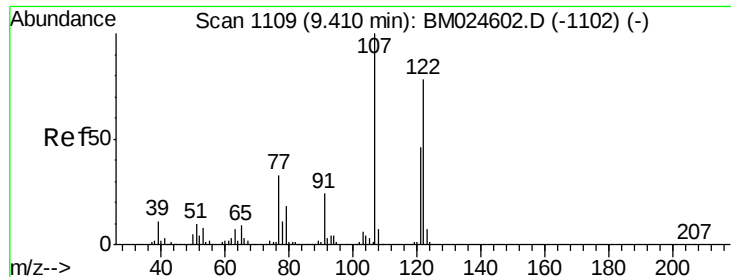
Ion Ratio Lower Upper

139 100

109 31.4 28.8 43.2

65 44.9 42.6 63.8

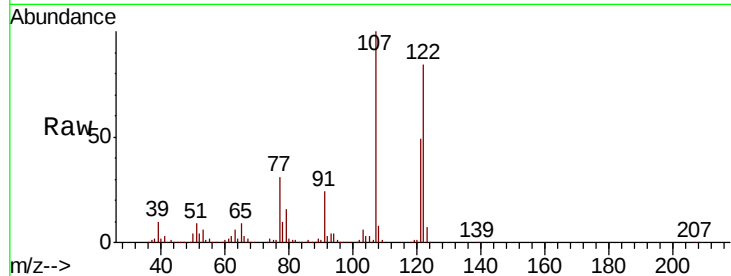




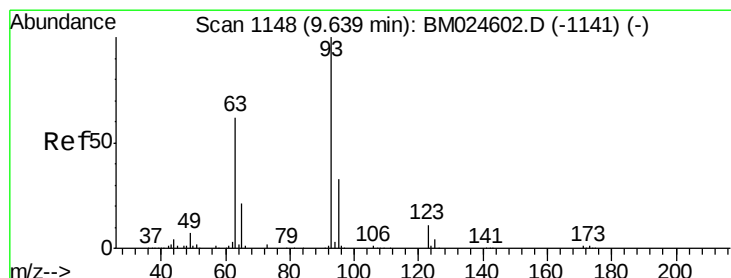
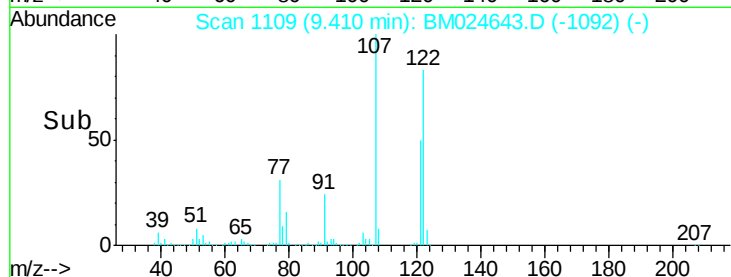
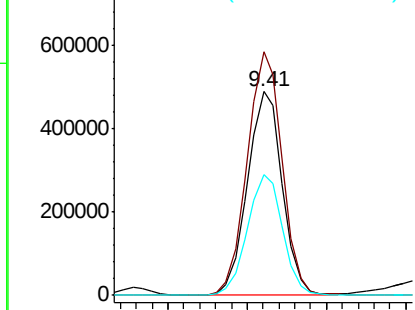
#27
2,4-Dimethylphenol
Concen: 57.949 ng
RT: 9.41 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:122 Resp: 749284
Ion Ratio Lower Upper
122 100
107 119.5 102.5 153.7
121 59.1 47.0 70.4

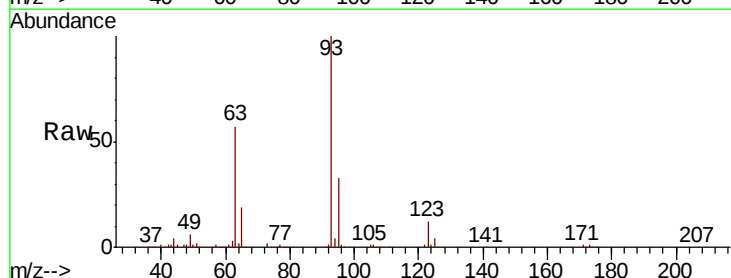


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

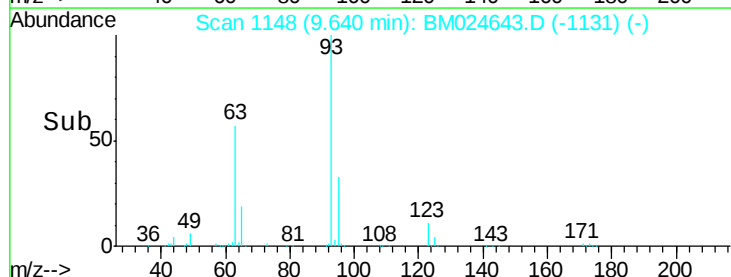
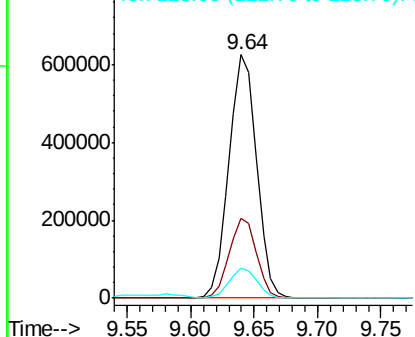


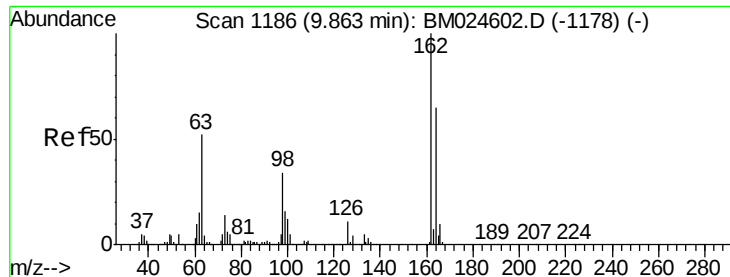
#28
bis(2-Chloroethoxy)methane
Concen: 42.358 ng
RT: 9.64 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion: 93 Resp: 942775
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 12.2 8.7 13.1



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

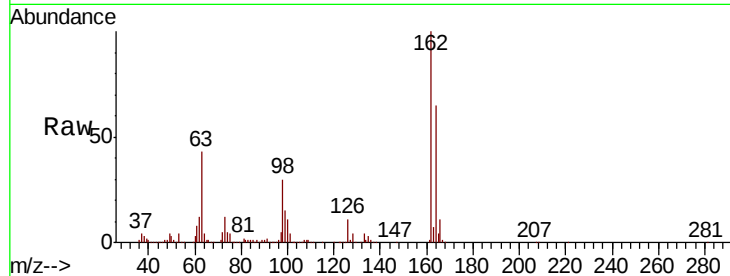




#29
 2,4-Dichlorophenol
 Concen: 53.018 ng
 RT: 9.86 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.5	84.5
98	30.3	14.2	54.2

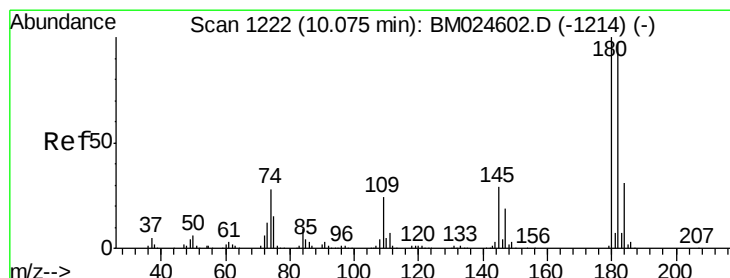
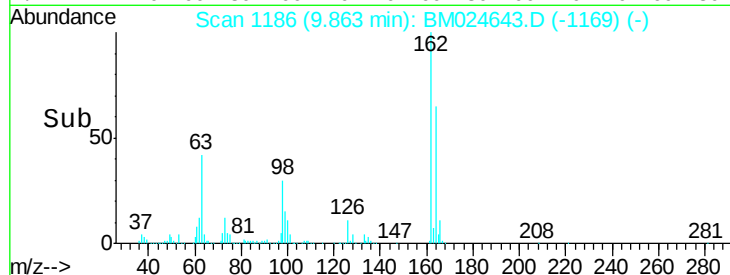
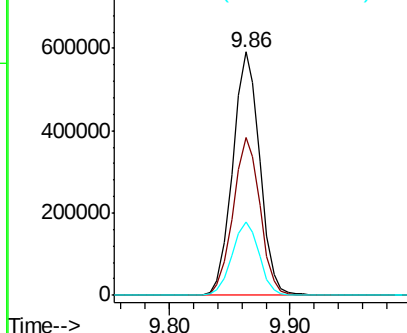


Abundance

Ion 162.00 (161.70 to 162.70): E

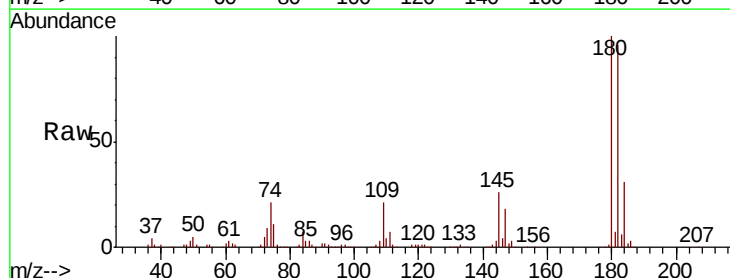
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 49.421 ng
 RT: 10.07 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.8	116.6
145	26.4	22.9	34.3

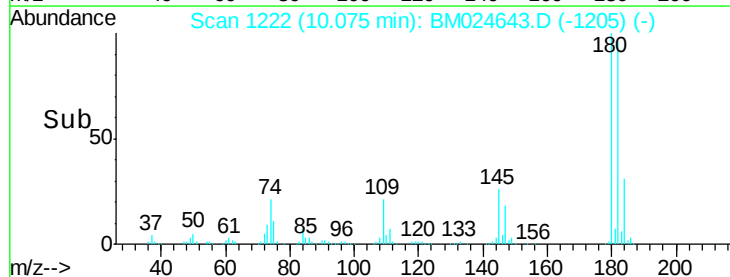
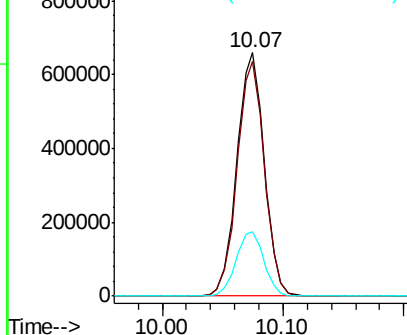


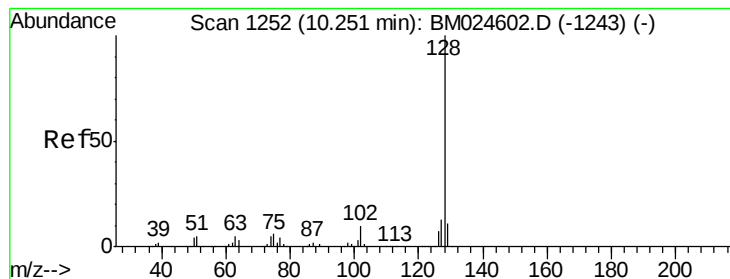
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.669 ng

RT: 10.25 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

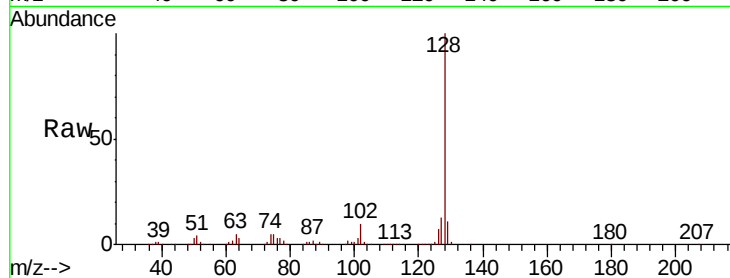
Tot Ion:128 Resp: 2478746

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

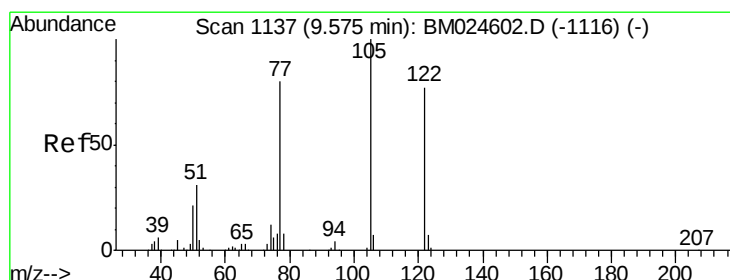
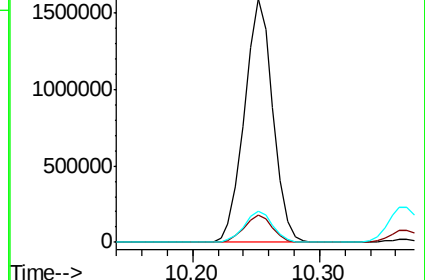
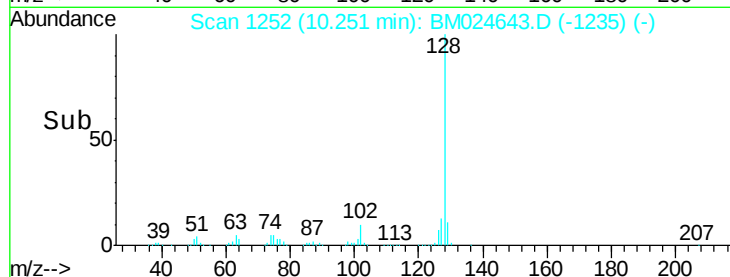
127 12.8 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.212 ng

RT: 9.59 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

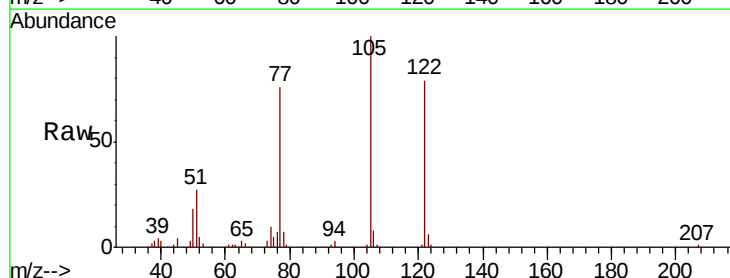
Tgt Ion:122 Resp: 475623

Ion Ratio Lower Upper

122 100

105 126.9 107.7 147.7

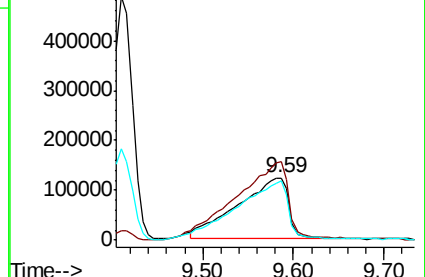
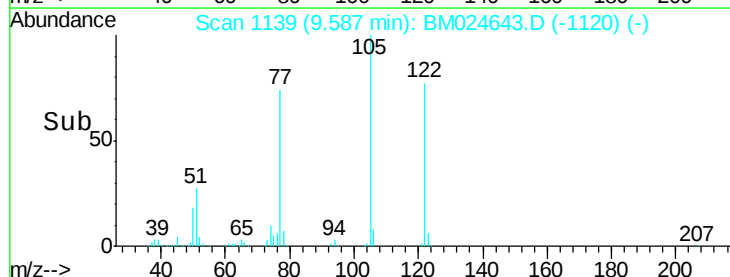
77 96.0 83.8 123.8

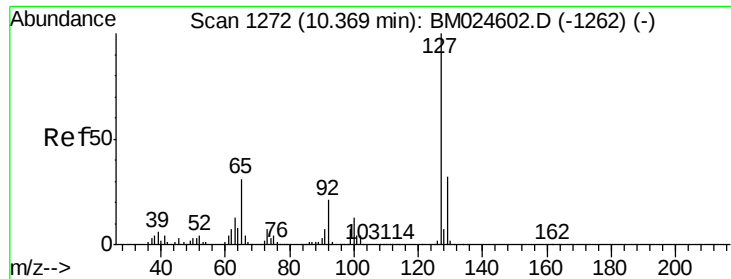


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

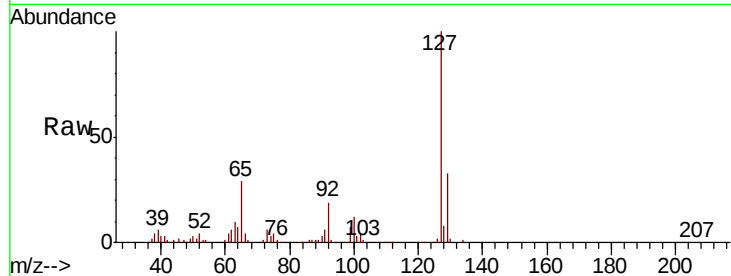




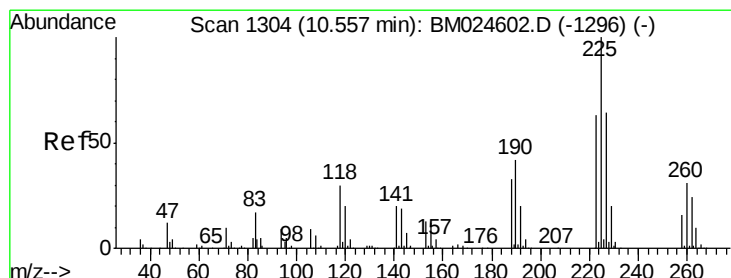
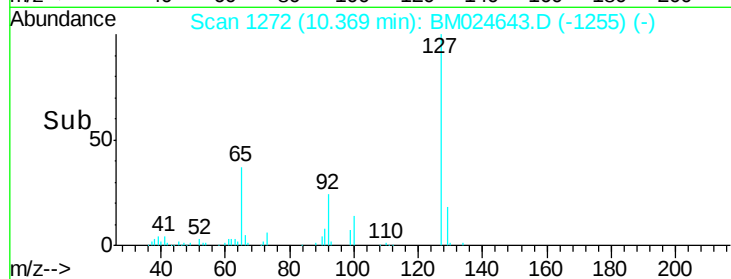
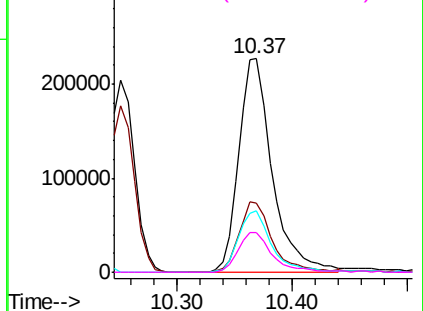
#33
4-Chloroaniline
Concen: 19.556 ng
RT: 10.37 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	455291
Ion	Ratio	Lower Upper
127	100	
129	32.6	25.9 38.9
65	28.5	25.1 37.7
92	18.8	16.6 25.0

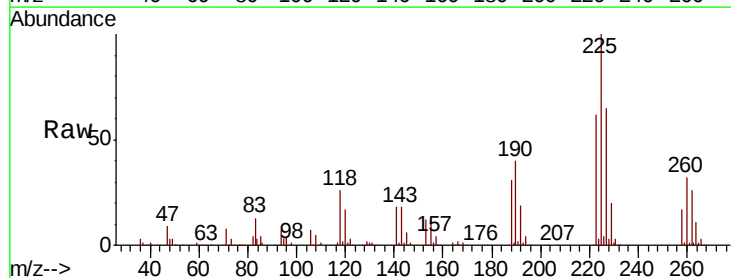


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

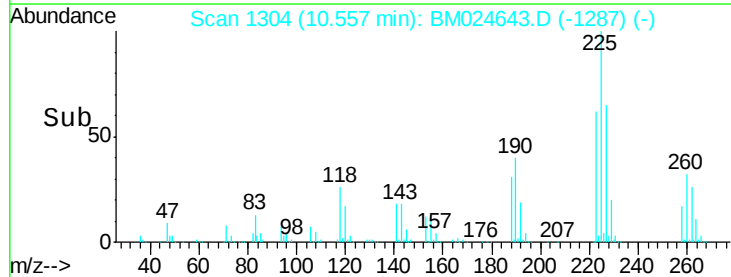
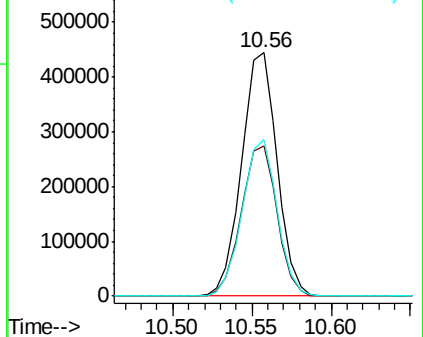


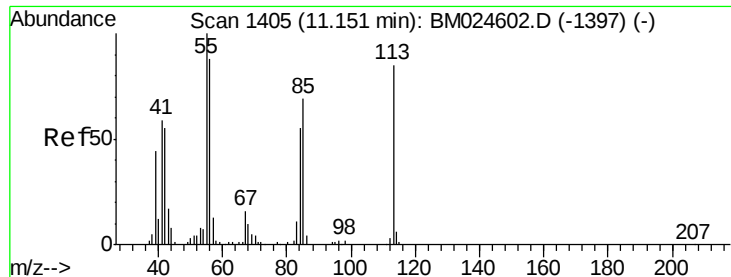
#34
Hexachlorobutadiene
Concen: 47.398 ng
RT: 10.56 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion:225	Resp:	690315
Ion	Ratio	Lower Upper
225	100	
223	61.7	50.7 76.1
227	64.6	51.4 77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 3.455 ng

RT: 11.19 min Scan# 1412

Delta R.T. 0.04 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

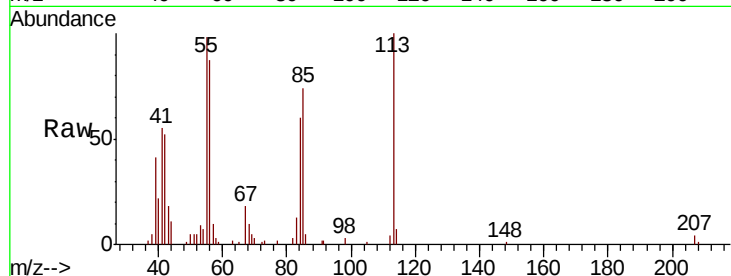
Tot Ion:113 Resp: 19363

Ion Ratio Lower Upper

113 100

55 97.7 97.5 137.5

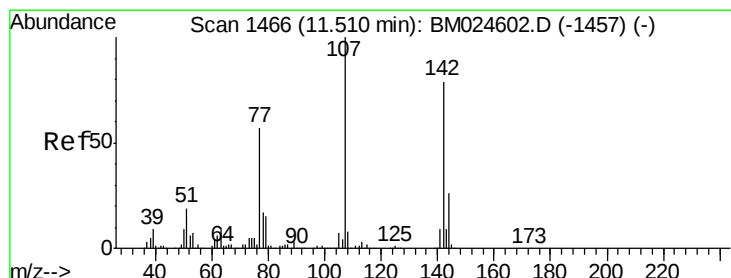
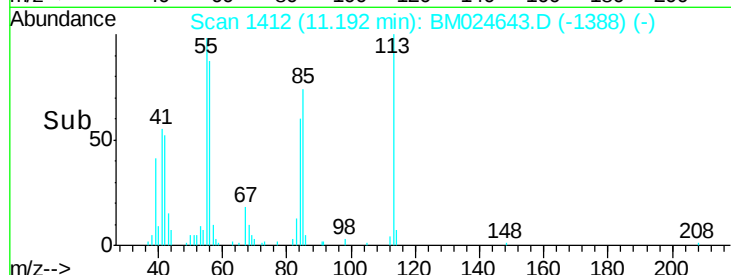
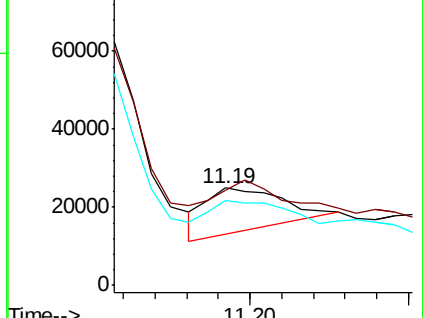
56 87.0 83.4 123.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.967 ng

RT: 11.51 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

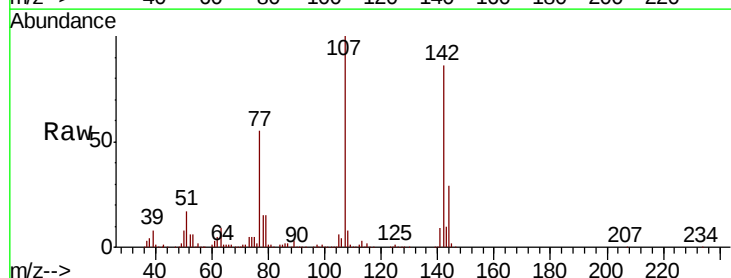
Tgt Ion:107 Resp: 816695

Ion Ratio Lower Upper

107 100

144 29.1 20.5 30.7

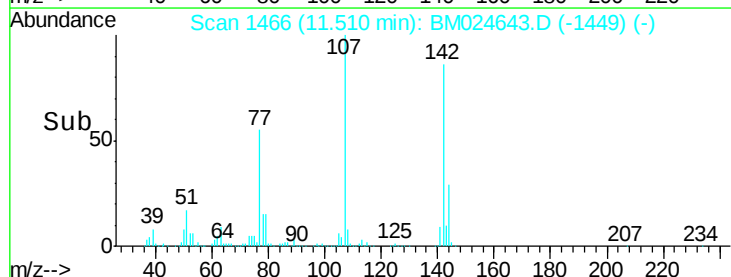
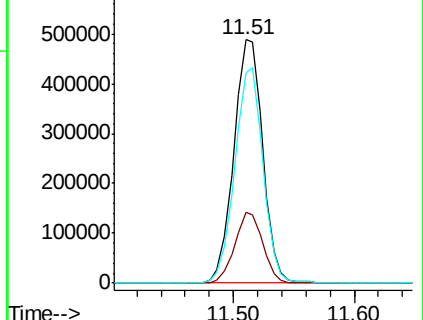
142 86.3 62.8 94.2

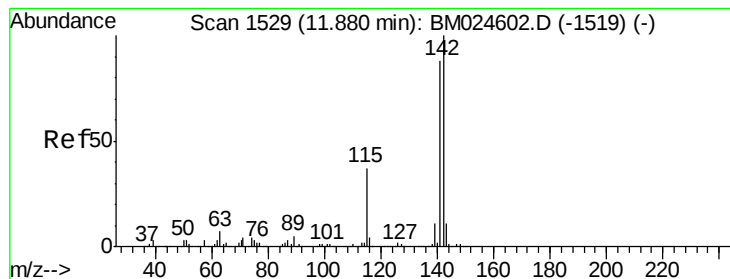


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.940 ng

RT: 11.87 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

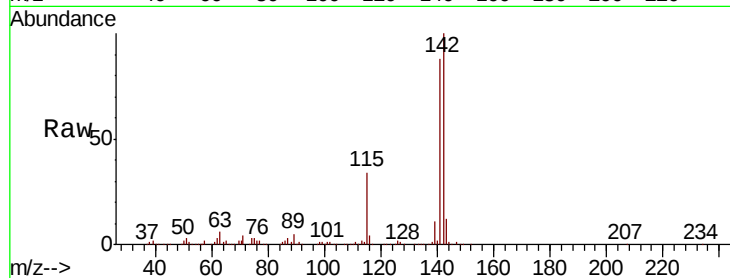
Tot Ion:142 Resp: 1923997

Ion Ratio Lower Upper

142 100

141 88.0 70.2 105.2

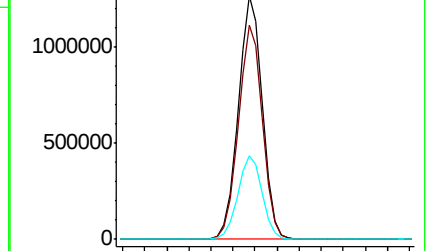
115 34.5 29.7 44.5



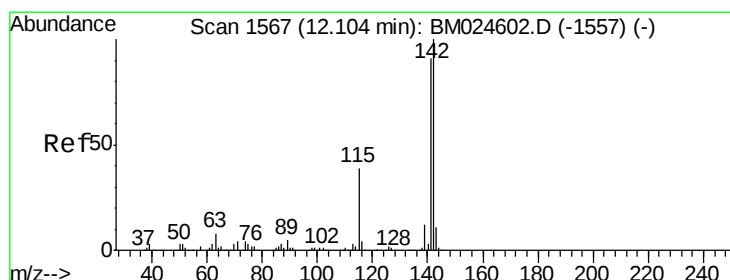
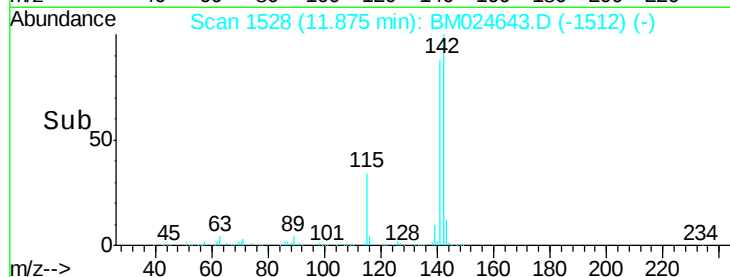
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38

1-Methylnaphthalene

Concen: 46.678 ng

RT: 12.10 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

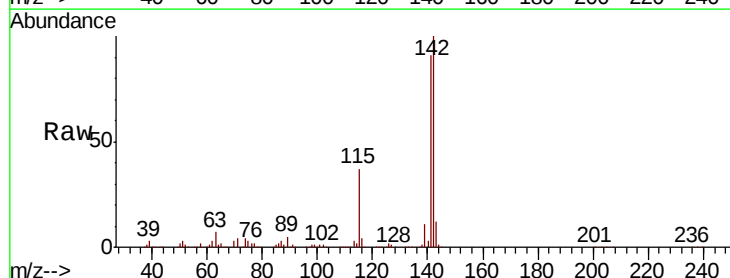
Tgt Ion:142 Resp: 1819965

Ion Ratio Lower Upper

142 100

141 91.5 72.8 109.2

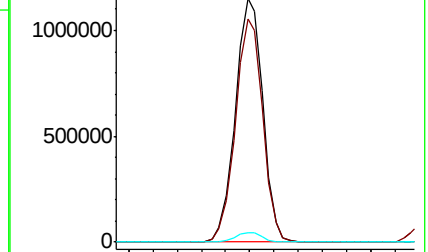
116 4.0 3.2 4.8



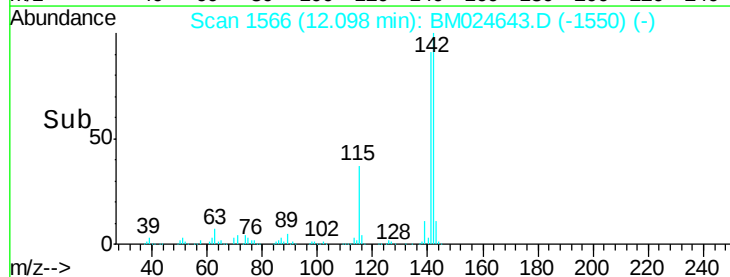
Abundance Ion 142.00 (141.70 to 142.70): E

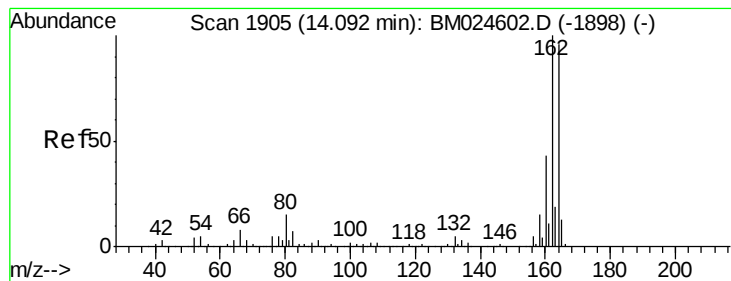
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

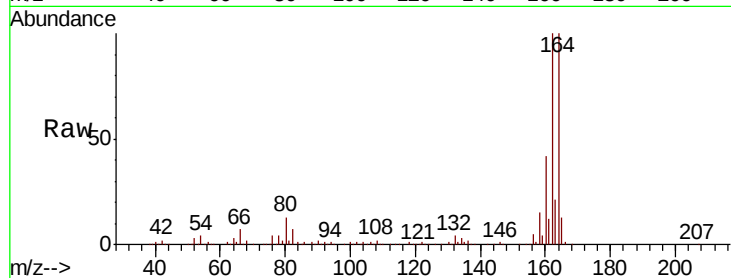
Tot Ion:164 Resp: 720254

Ion Ratio Lower Upper

164 100

162 100.5 82.9 124.3

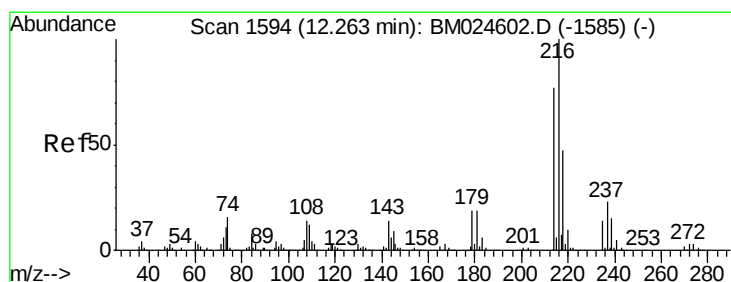
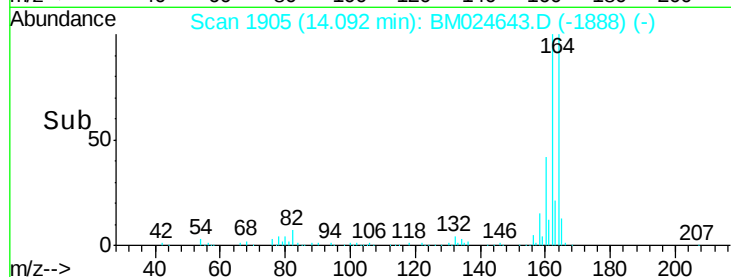
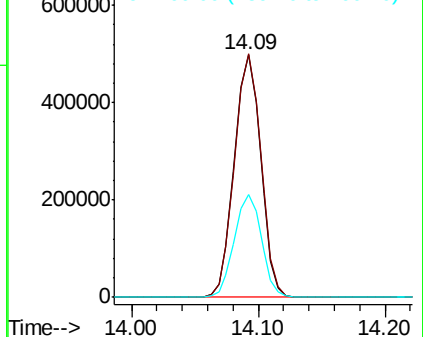
160 42.4 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.676 ng

RT: 12.26 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tgt Ion:216 Resp: 1199841

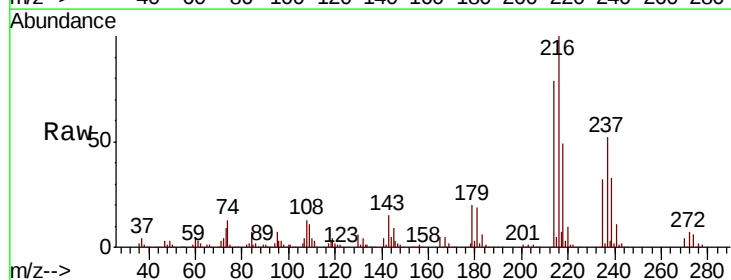
Ion Ratio Lower Upper

216 100

214 78.5 62.3 93.5

179 19.8 16.1 24.1

108 16.4 13.0 19.6

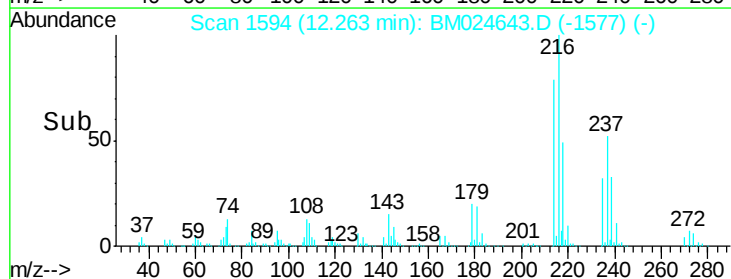
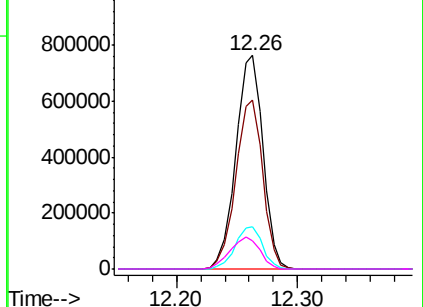


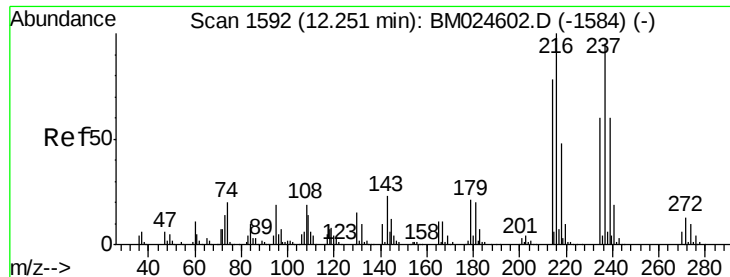
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 128.344 ng

RT: 12.25 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

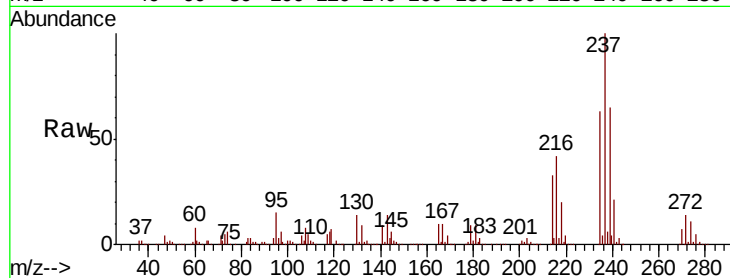
Tot Ion:237 Resp: 1849254

Ion Ratio Lower Upper

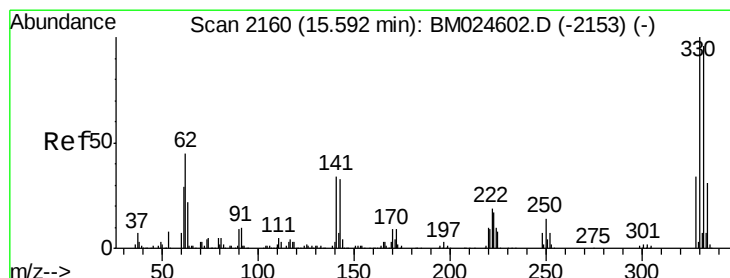
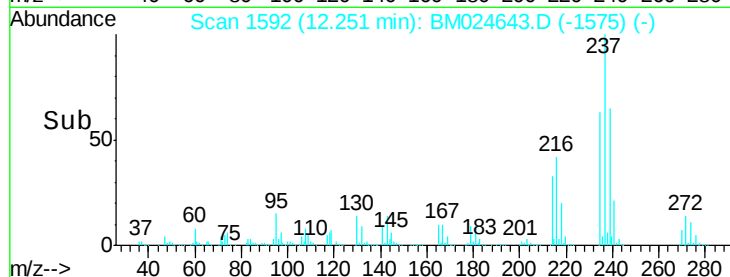
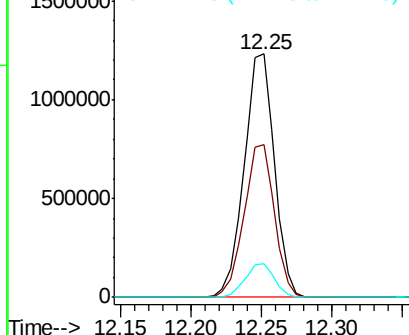
237 100

235 62.7 43.3 83.3

272 13.8 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 86.329 ng

RT: 15.59 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

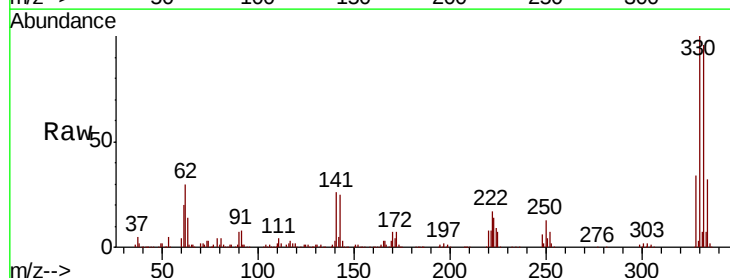
Tgt Ion:330 Resp: 1011430

Ion Ratio Lower Upper

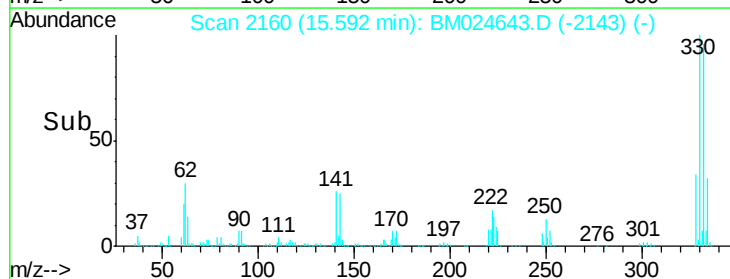
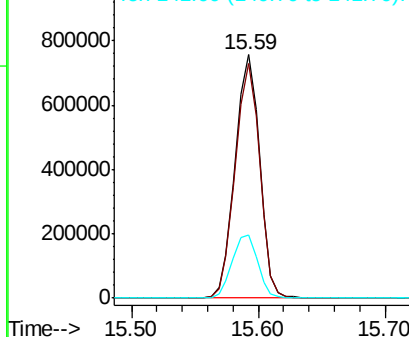
330 100

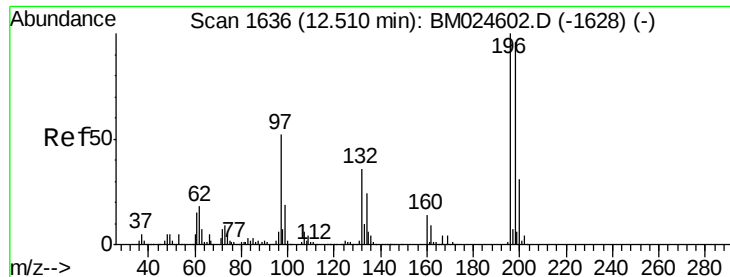
332 96.4 77.2 115.8

141 27.4 26.9 40.3



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





#43

2,4,6-Trichlorophenol

Concen: 49.760 ng

RT: 12.51 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

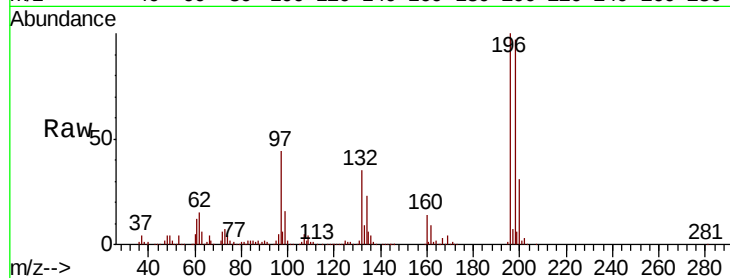
Tot Ion:196 Resp: 813986

Ion Ratio Lower Upper

196 100

198 97.2 76.5 114.7

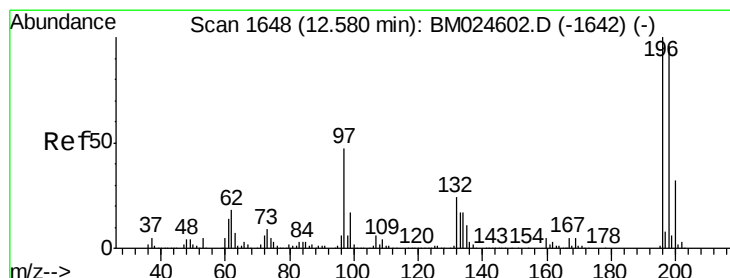
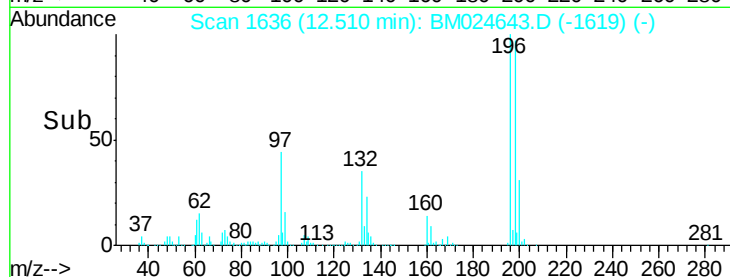
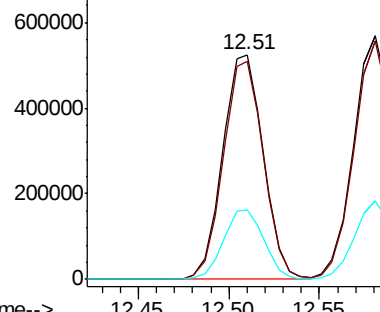
200 31.0 25.0 37.6



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



#44

2,4,5-Trichlorophenol

Concen: 51.189 ng

RT: 12.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tgt Ion:196 Resp: 855160

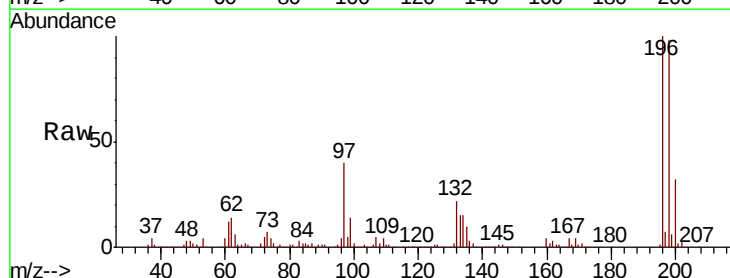
Ion Ratio Lower Upper

196 100

198 97.8 77.2 115.8

97 39.7 37.4 56.0

132 21.8 19.3 28.9

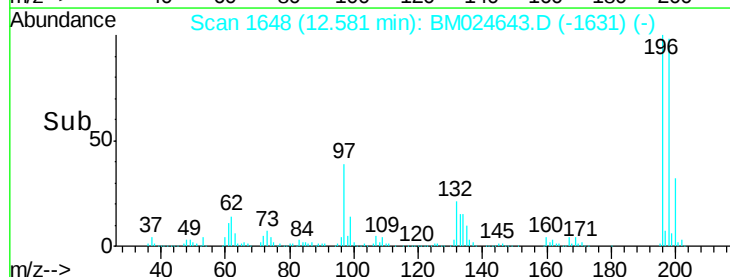
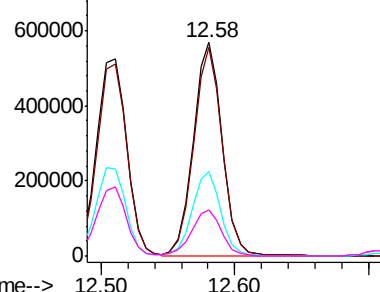


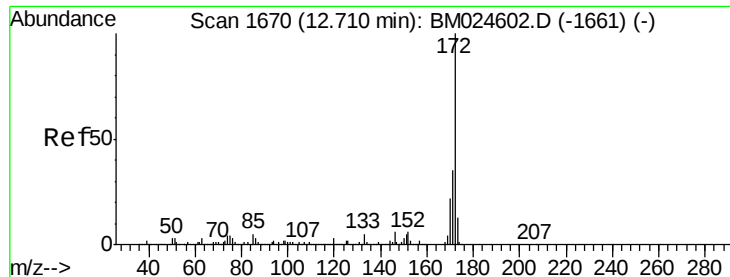
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

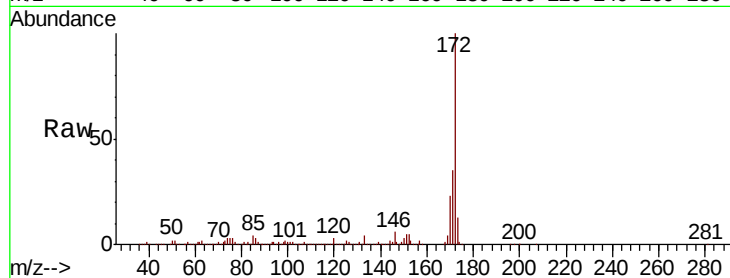




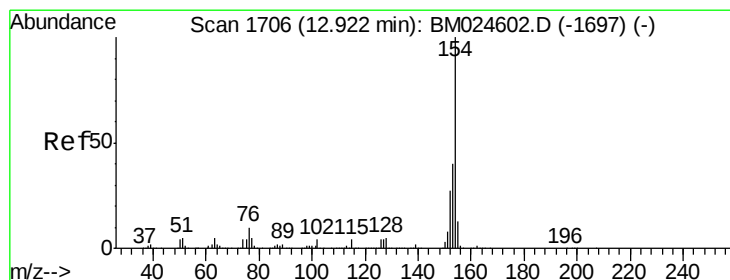
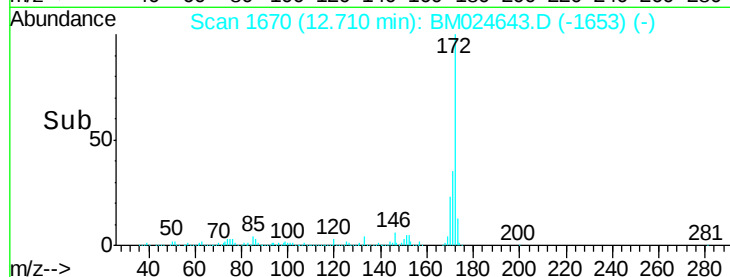
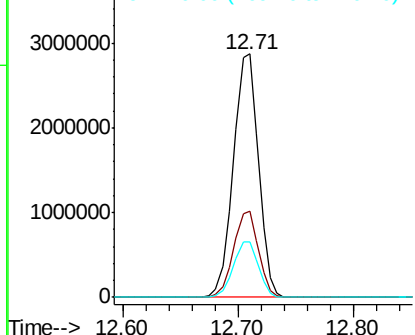
#45
2-Fluorobiphenyl
Concen: 81.508 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 4318208
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.6 17.9 26.9

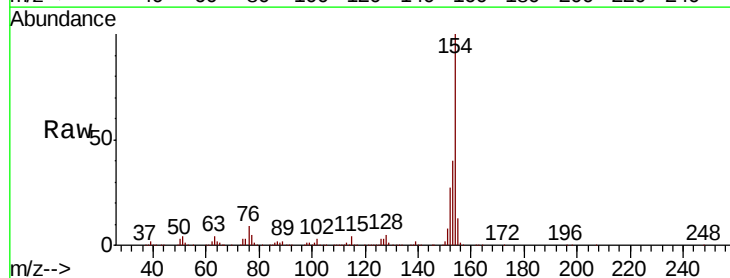


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

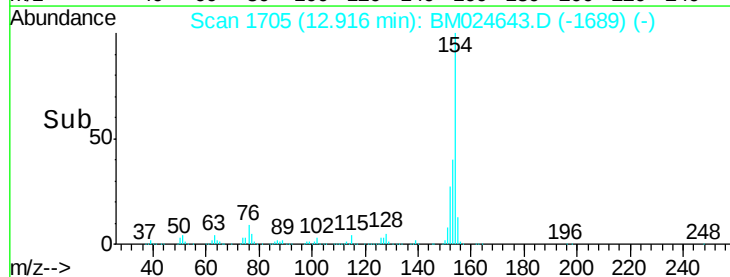
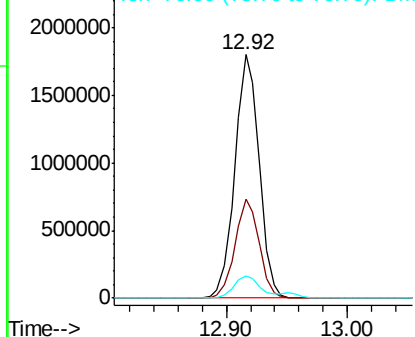


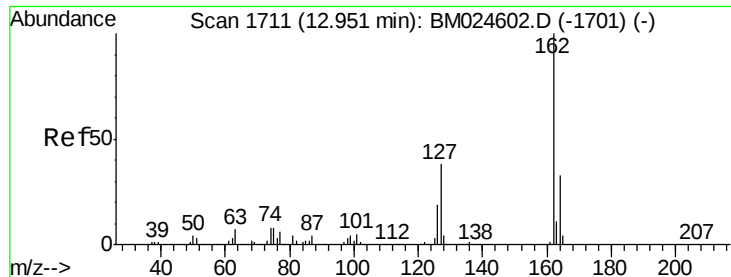
#46
1,1'-Biphenyl
Concen: 46.327 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion:154 Resp: 2525157
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 9.3 0.0 30.5



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): BM0

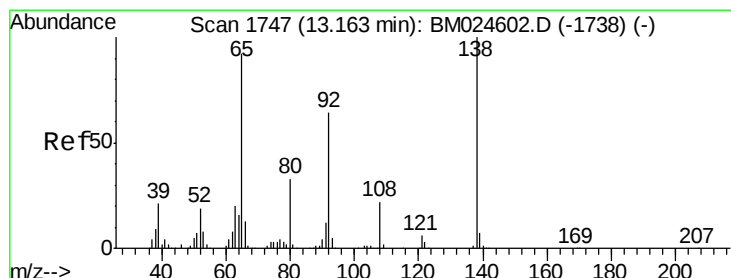
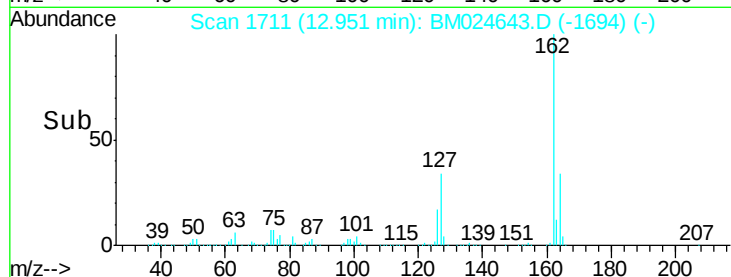
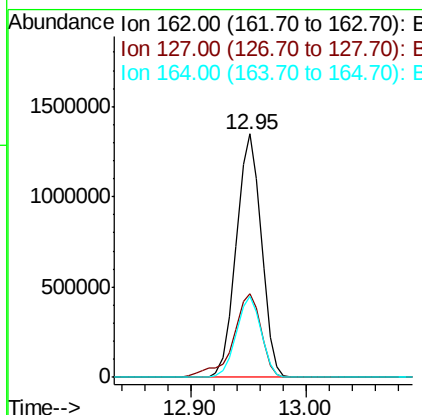
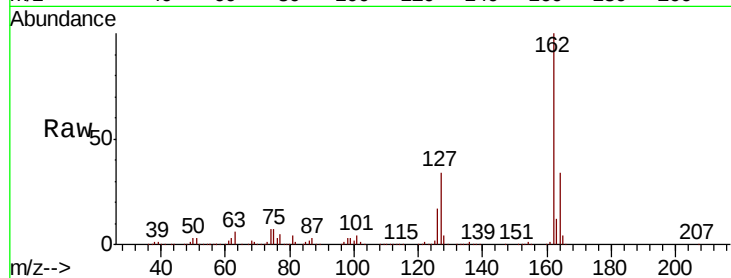




#47
2-Chloronaphthalene
Concen: 46.012 ng
RT: 12.95 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

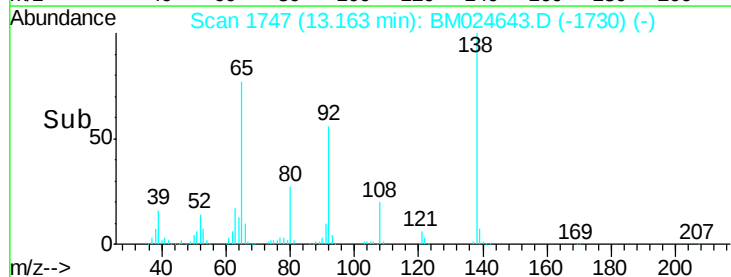
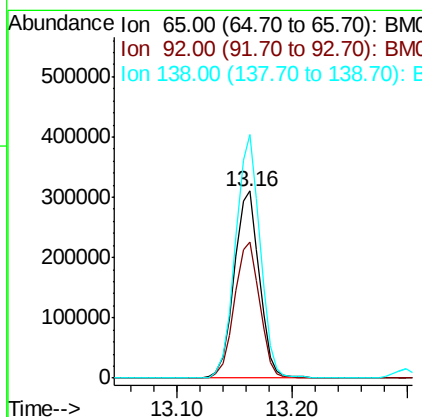
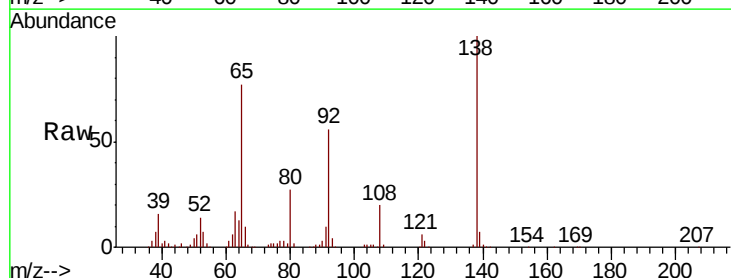
Instrument :
BNA_M
ClientSampleId :

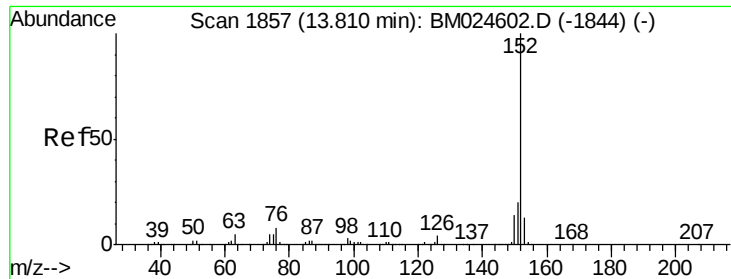
Tot Ion:162 Resp: 2024703
Ion Ratio Lower Upper
162 100
127 34.4 30.4 45.6
164 33.5 26.5 39.7



#48
2-Nitroaniline
Concen: 35.035 ng
RT: 13.16 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion: 65 Resp: 470204
Ion Ratio Lower Upper
65 100
92 72.5 55.4 83.2
138 130.0 86.6 129.8#





#49

Acenaphthylene

Concen: 47.534 ng

RT: 13.81 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

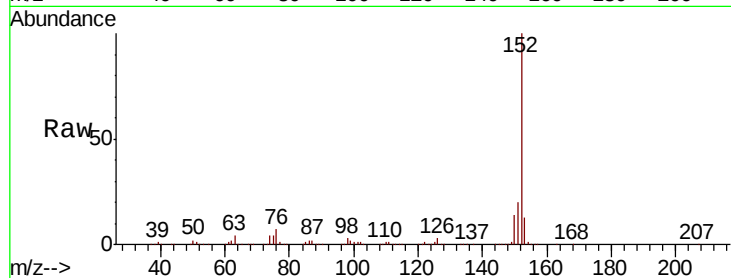
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 3131236

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	12.6	10.4	15.6

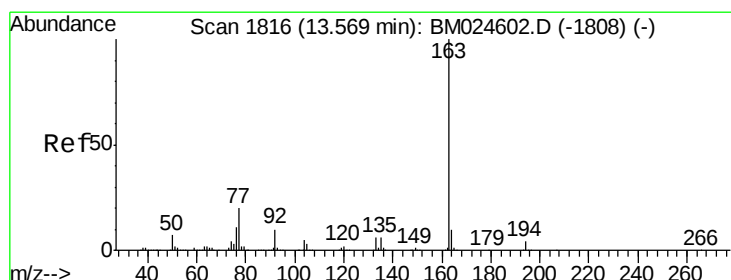
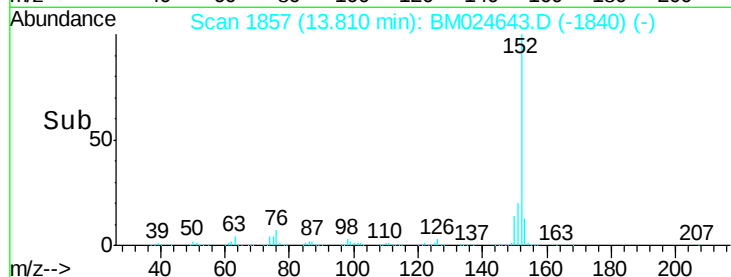
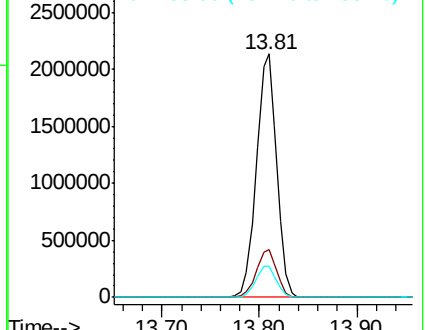


Abundance

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



#50

Dimethylphthalate

Concen: 43.902 ng

RT: 13.57 min Scan# 1816

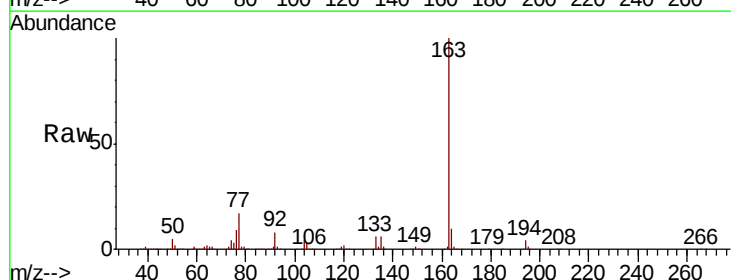
Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tgt Ion:163 Resp: 2556909

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.8	8.0	12.0

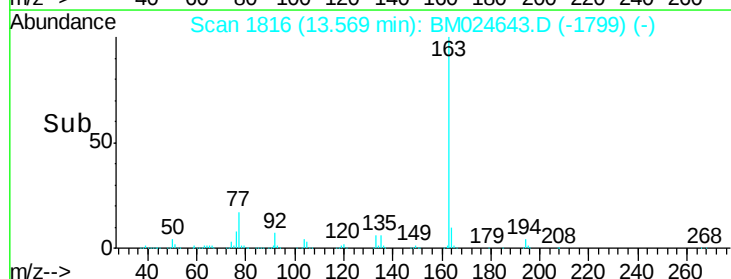
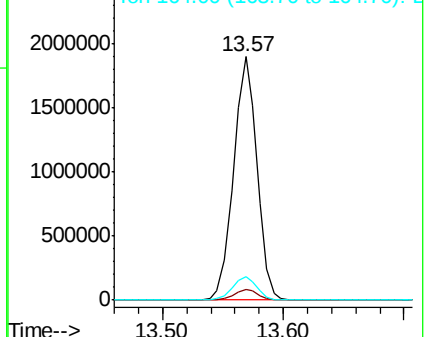


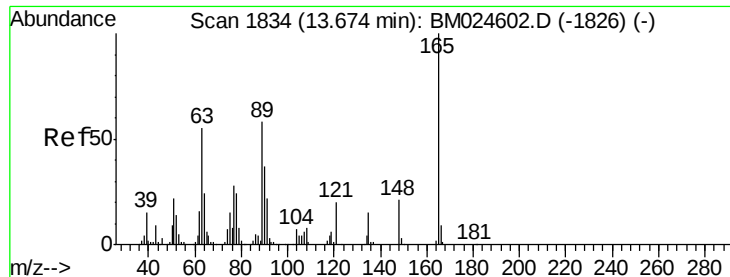
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

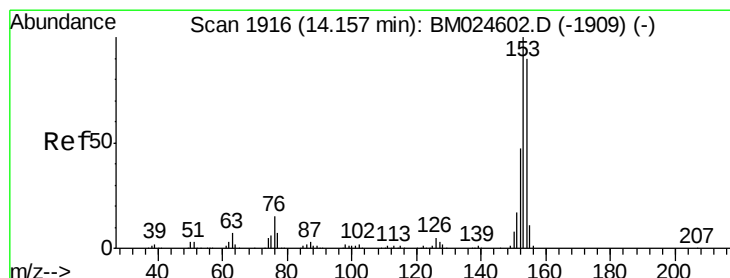
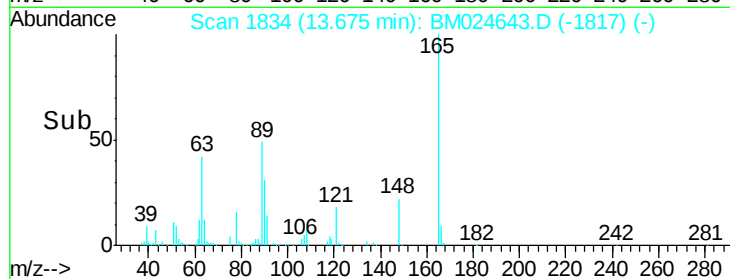
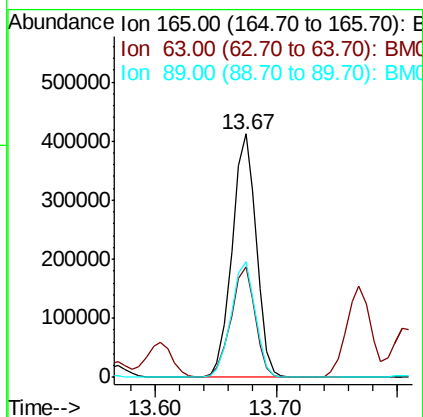
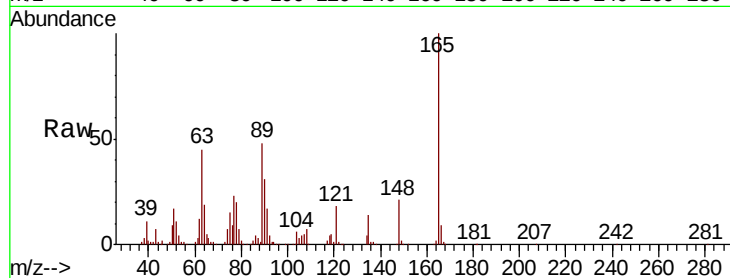




#51
 2,6-Dinitrotoluene
 Concen: 46.413 ng
 RT: 13.67 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

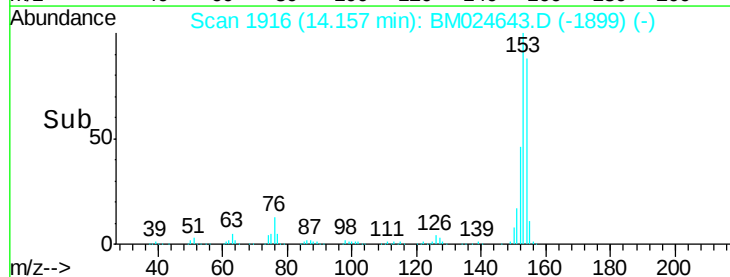
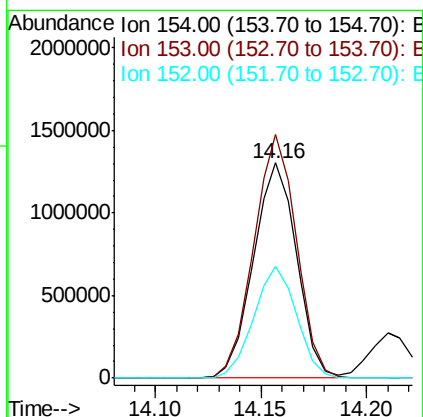
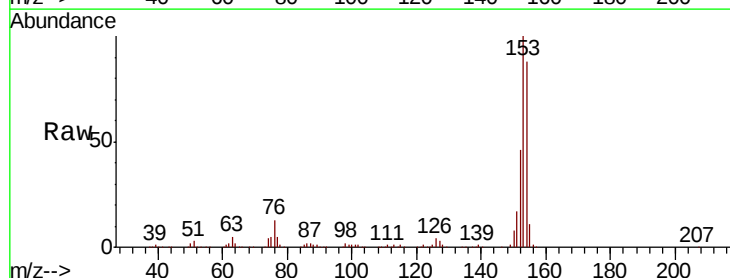
Instrument :
 BNA_M
 ClientSampled :

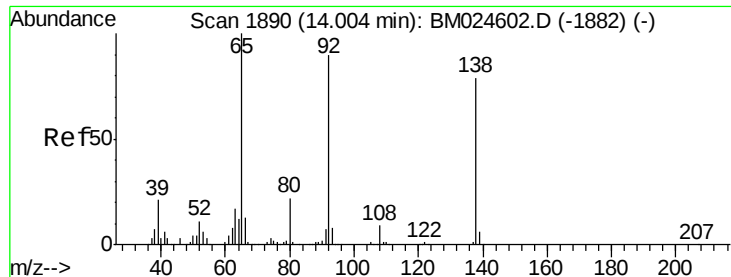
Tot Ion:165 Resp: 574718
 Ion Ratio Lower Upper
 165 100
 63 45.2 45.4 68.0#
 89 47.5 46.6 69.8



#52
 Acenaphthene
 Concen: 45.408 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion:154 Resp: 1856127
 Ion Ratio Lower Upper
 154 100
 153 113.0 89.1 133.7
 152 51.9 41.9 62.9





#53

3-Nitroaniline

Concen: 27.856 ng

RT: 14.00 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

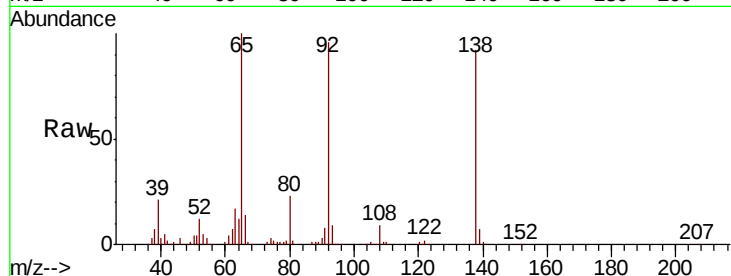
Tot Ion:138 Resp: 357751

Ion Ratio Lower Upper

138 100

108 9.3 8.7 13.1

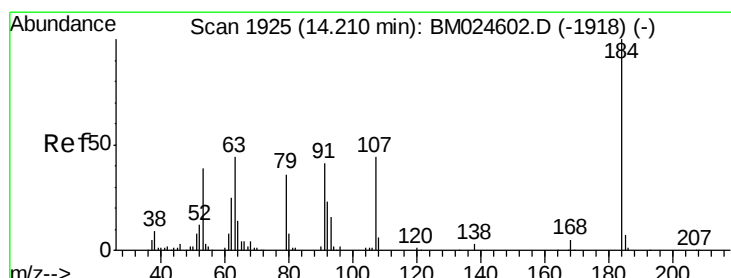
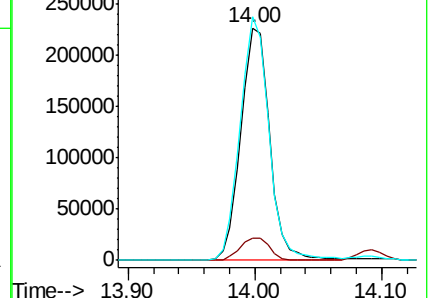
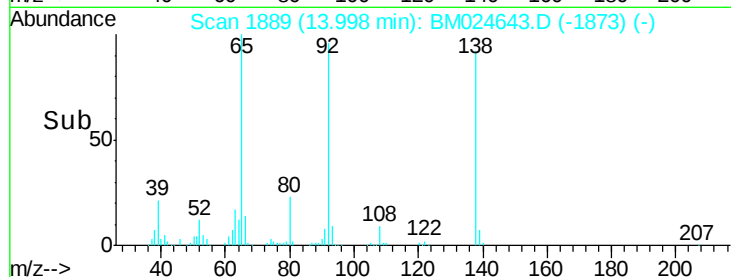
92 104.8 91.0 136.4



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



#54

2,4-Dinitrophenol

Concen: 86.609 ng

RT: 14.21 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

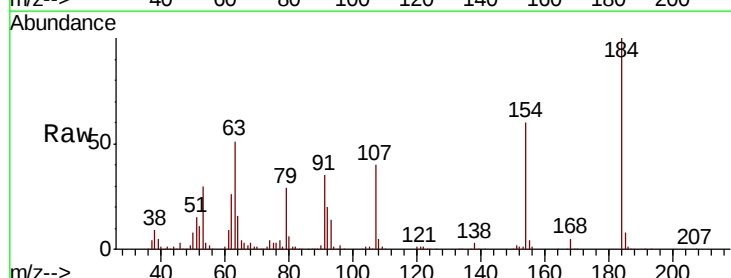
Tgt Ion:184 Resp: 641312

Ion Ratio Lower Upper

184 100

63 51.2 51.8 77.8#

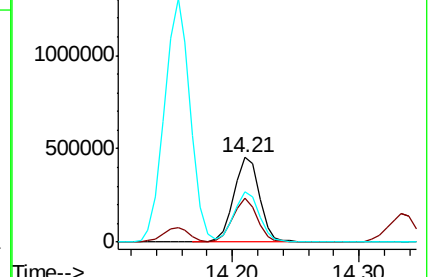
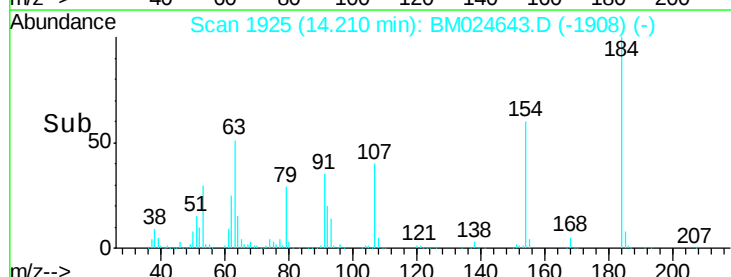
154 60.0 50.2 75.4

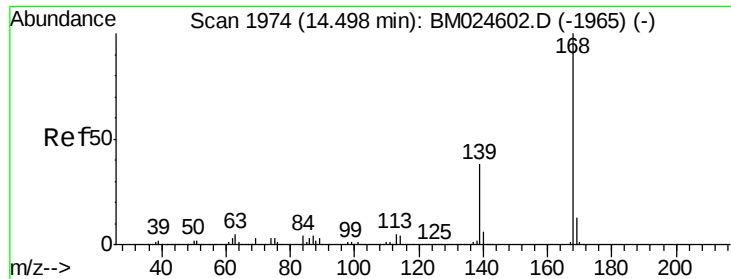


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

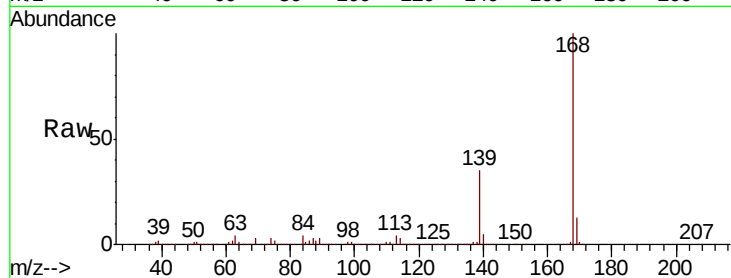




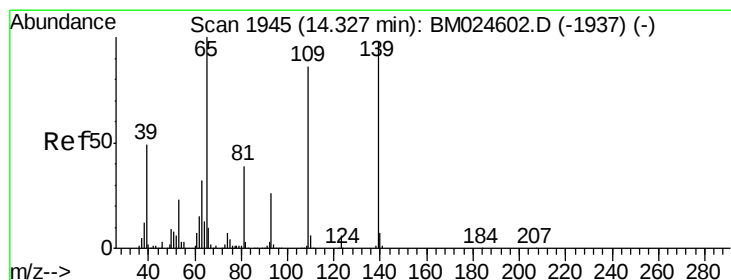
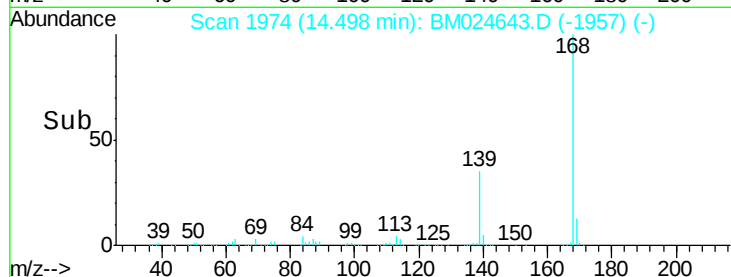
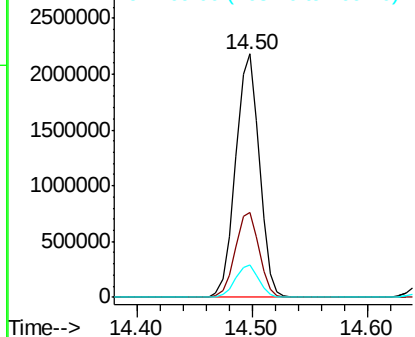
#55
Dibenzofuran
Concen: 46.454 ng
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:168 Resp: 3096811
Ion Ratio Lower Upper
168 100
139 35.1 30.2 45.4
169 13.1 10.7 16.1

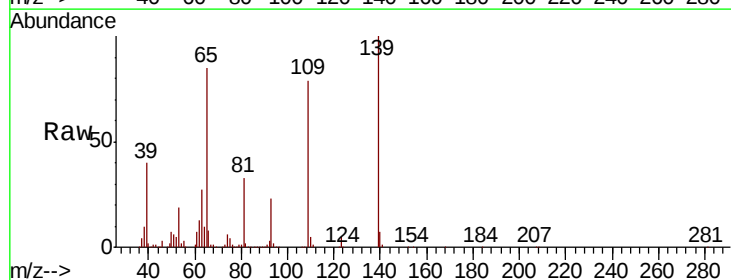


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

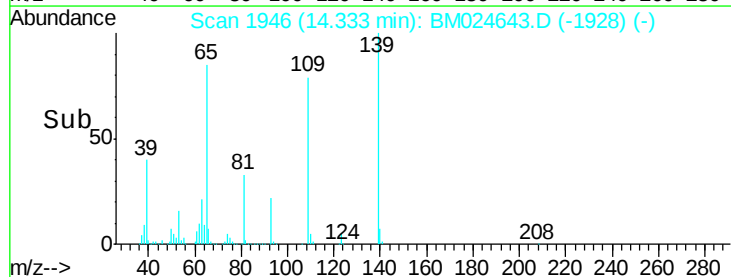
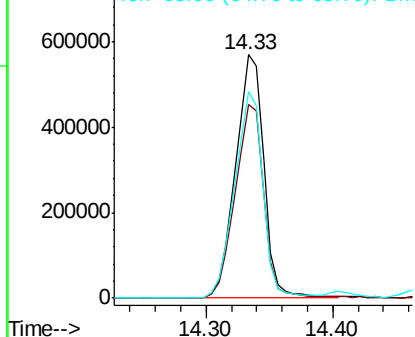


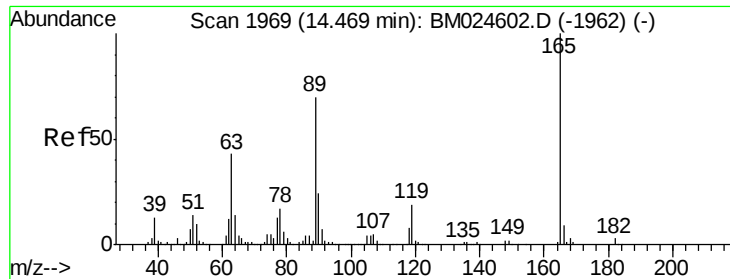
#56
4-Nitrophenol
Concen: 87.398 ng
RT: 14.33 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion:139 Resp: 877402
Ion Ratio Lower Upper
139 100
109 79.5 67.4 107.4
65 84.9 82.1 122.1



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

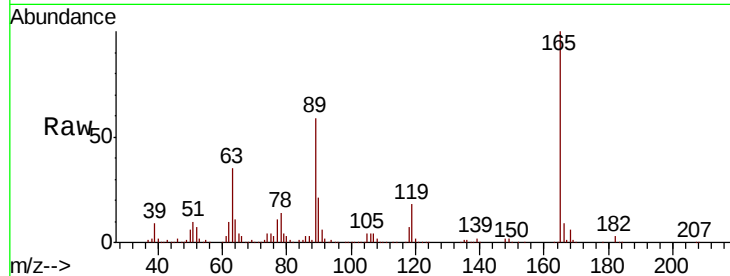




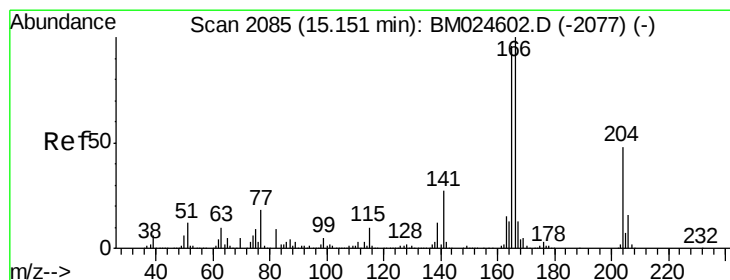
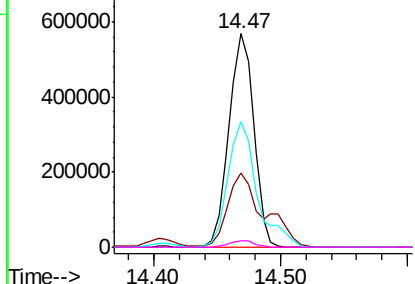
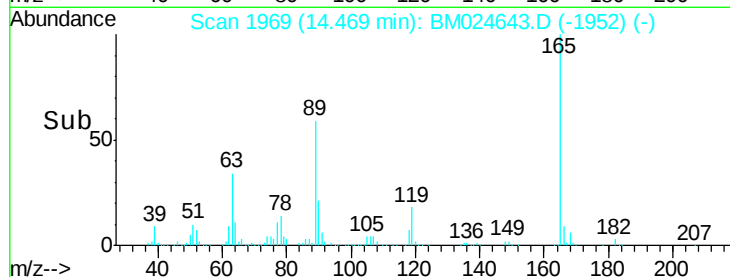
#57
 2,4-Dinitrotoluene
 Concen: 43.363 ng
 RT: 14.47 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 769542
 Ion Ratio Lower Upper
 165 100
 63 35.0 34.5 51.7
 89 58.7 55.8 83.8
 182 3.3 2.3 3.5

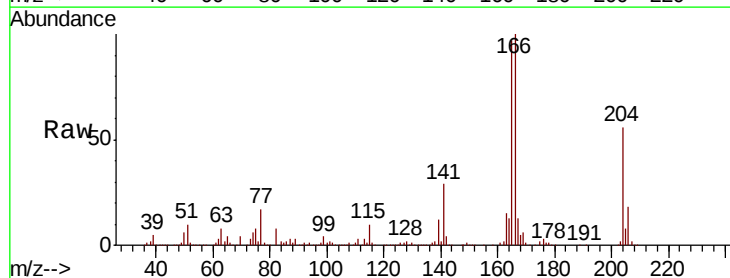


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

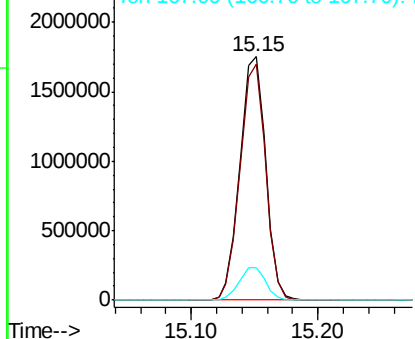
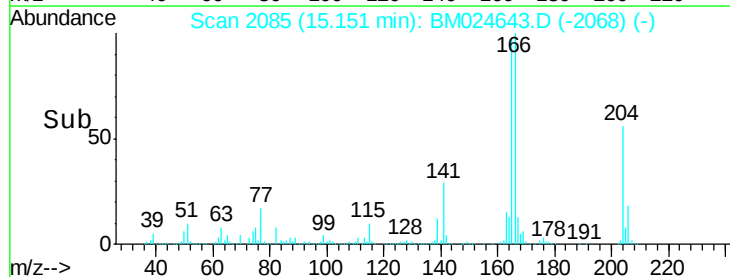


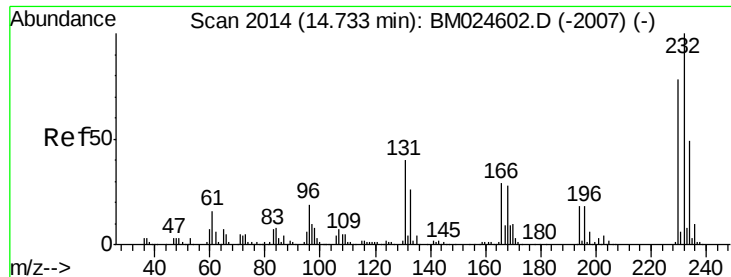
#58
 Fluorene
 Concen: 44.103 ng
 RT: 15.15 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion:166 Resp: 2470789
 Ion Ratio Lower Upper
 166 100
 165 96.8 76.6 114.8
 167 13.3 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

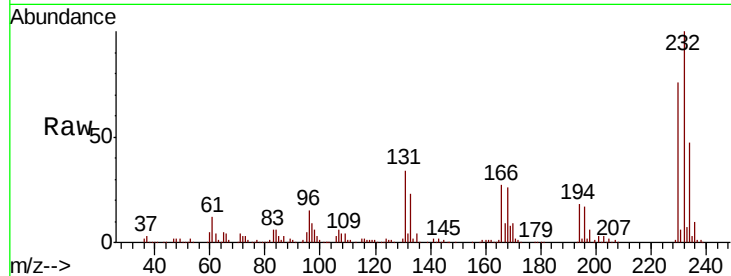




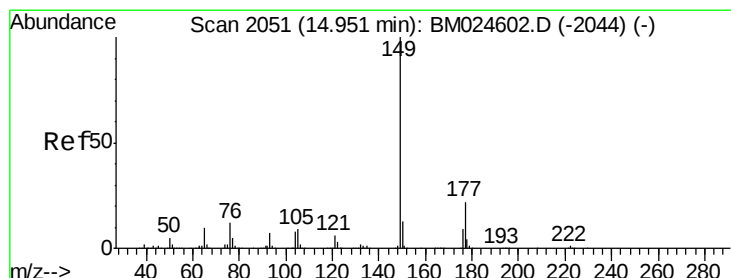
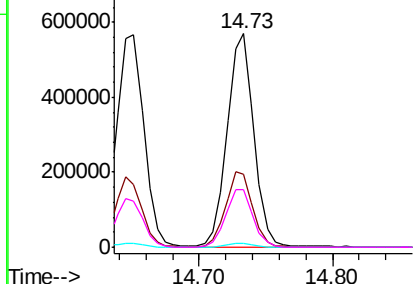
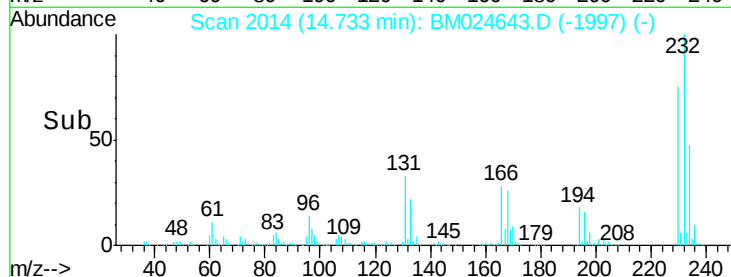
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.803 ng
 RT: 14.73 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232	Resp:	792921
Ion Ratio	Lower	Upper
232	100	
131	35.9	32.2 48.4
130	1.9	1.9 2.9
166	28.0	23.4 35.0

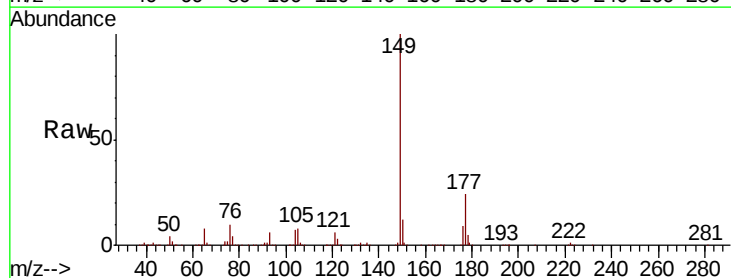


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

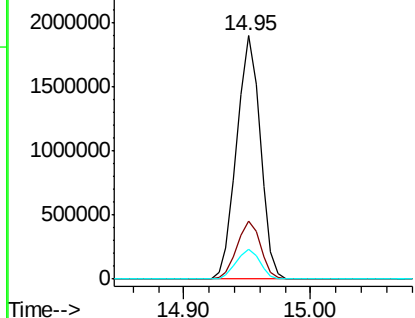
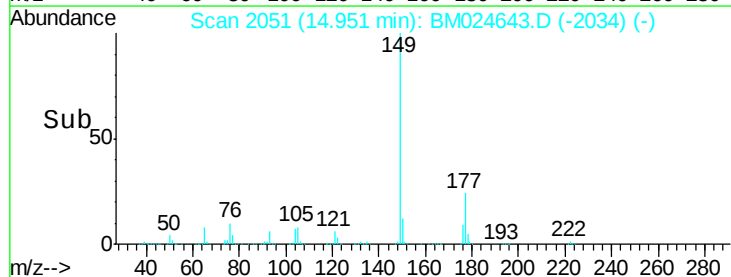


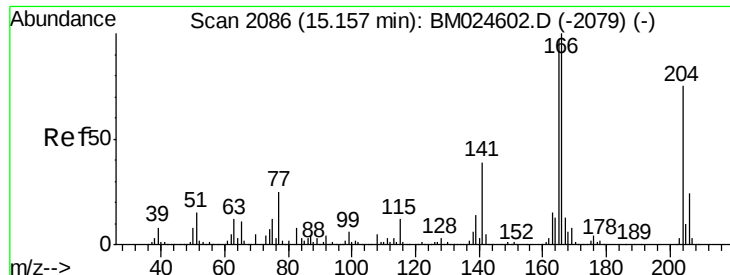
#60
 Diethylphthalate
 Concen: 41.305 ng
 RT: 14.95 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion:149	Resp:	2442322
Ion Ratio	Lower	Upper
149	100	
177	24.1	18.0 27.0
150	12.5	10.2 15.4



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

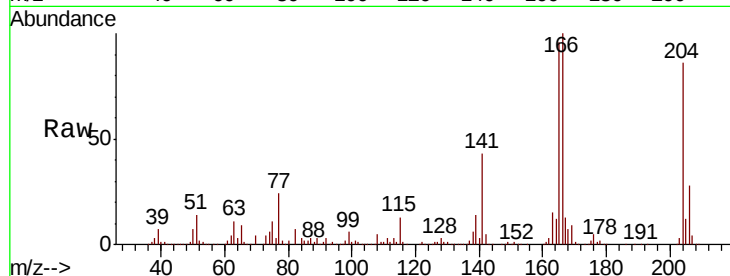




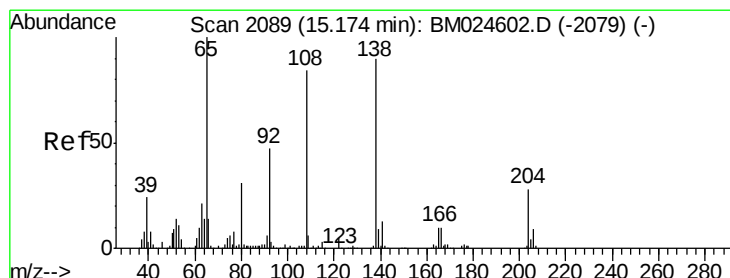
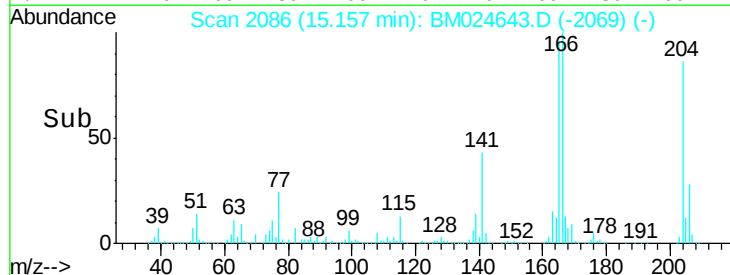
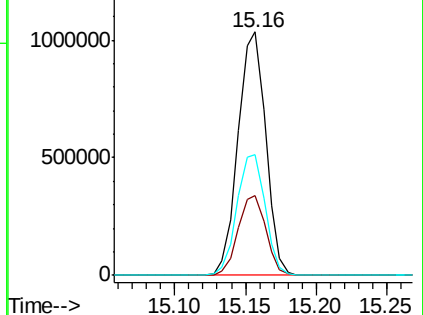
#61
 4-Chlorophenyl-phenylether
 Concen: 44.086 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 1423949
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.2 39.2
 141 49.5 42.2 63.2

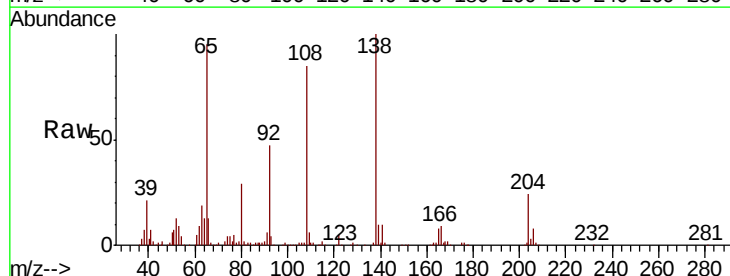


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

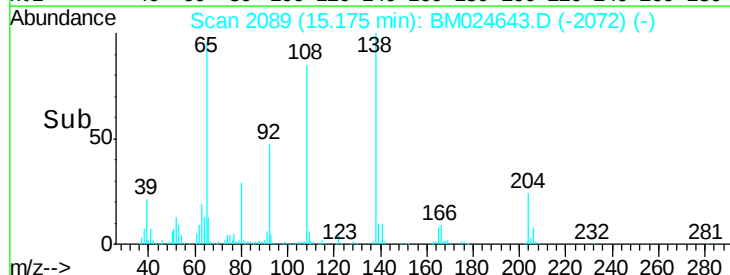
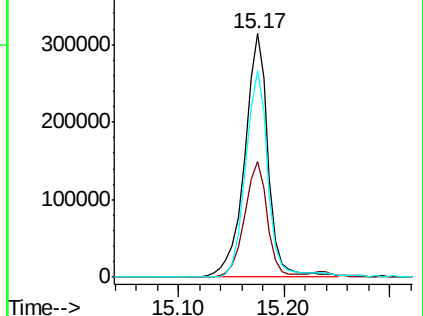


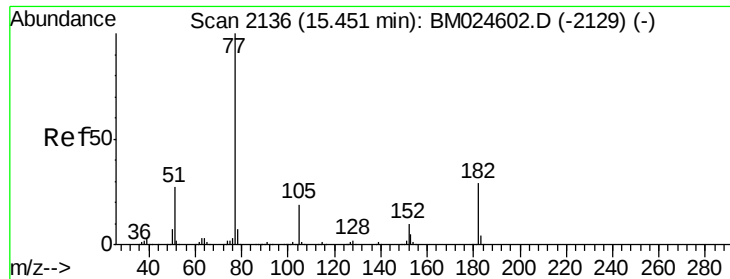
#62
 4-Nitroaniline
 Concen: 34.465 ng
 RT: 15.17 min Scan# 2089
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion:138 Resp: 488587
 Ion Ratio Lower Upper
 138 100
 92 47.4 32.4 72.4
 108 85.0 73.3 113.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.254 ng

RT: 15.45 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

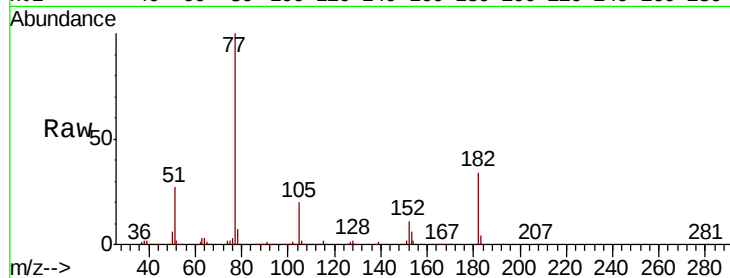
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1929358

Ion	Ratio	Lower	Upper
77	100		
182	34.2	8.7	48.7
105	20.5	0.0	39.2
51	26.6	7.5	47.5

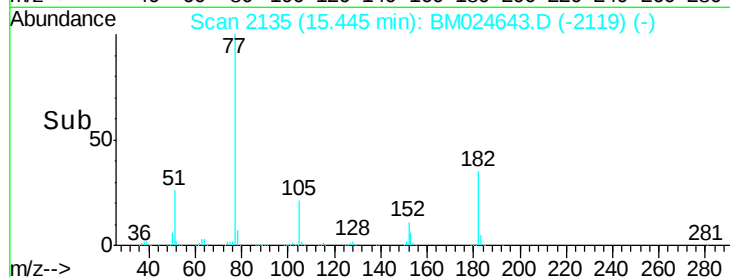


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



Time-->

15.45

2000000

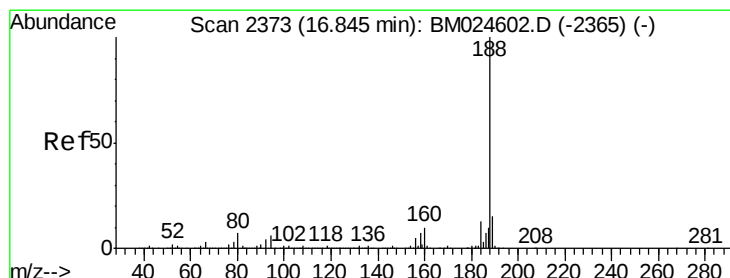
1500000

1000000

500000

0

15.40 15.50



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2372

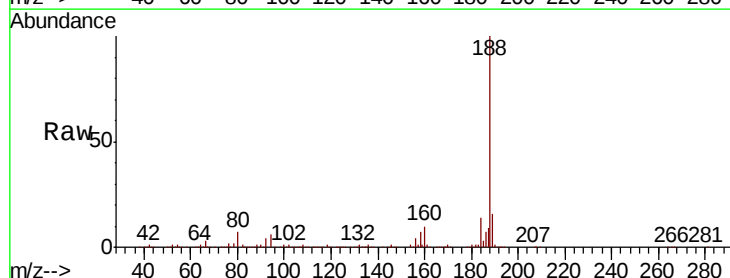
Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tgt Ion: 188 Resp: 1525129

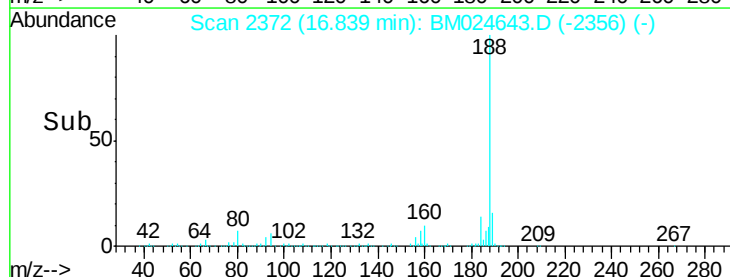
Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.6
80	6.7	5.8	8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->

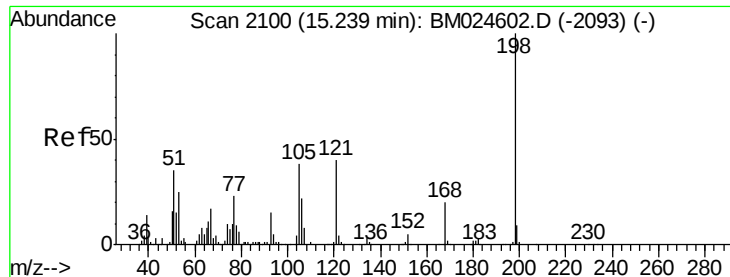
16.84

1000000

500000

0

16.80 16.90



#65

4,6-Dinitro-2-methylphenol

Concen: 50.386 ng

RT: 15.24 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampled :

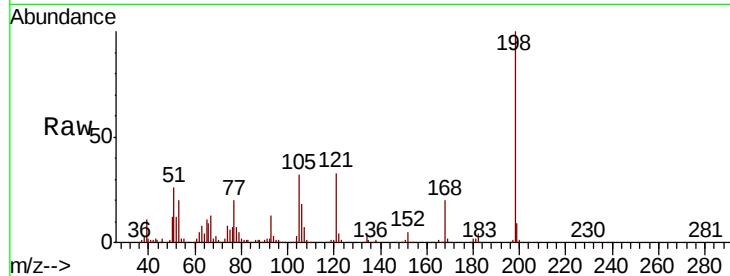
Tot Ion:198 Resp: 451834

Ion Ratio Lower Upper

198 100

51 25.7 15.8 55.8

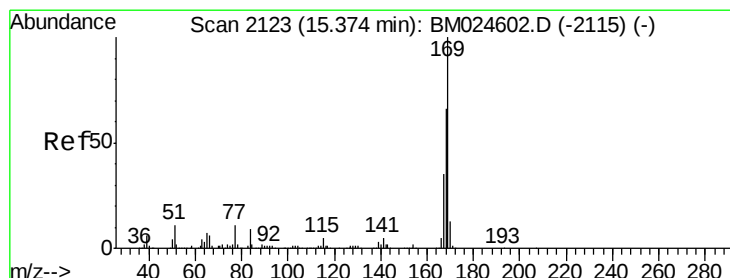
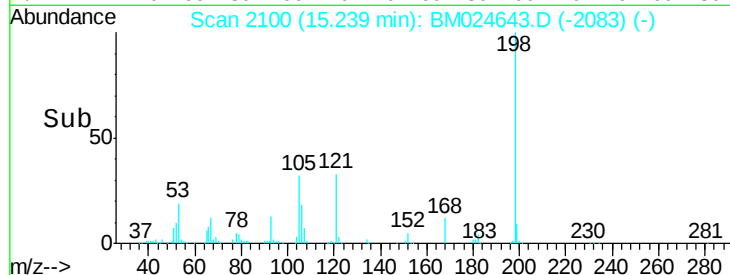
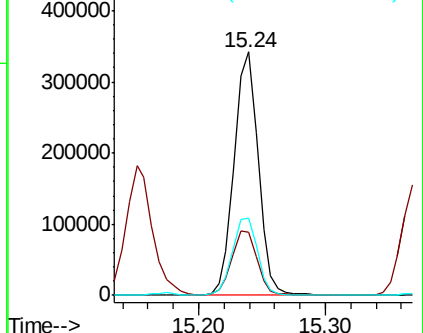
105 31.9 18.5 58.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.723 ng

RT: 15.37 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

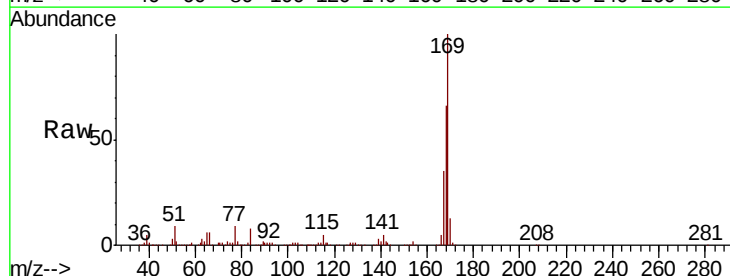
Tgt Ion:169 Resp: 2178313

Ion Ratio Lower Upper

169 100

168 65.5 52.8 79.2

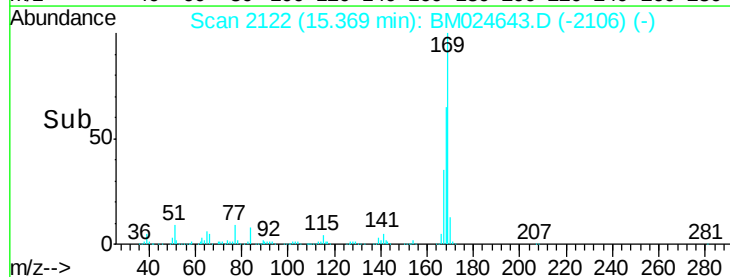
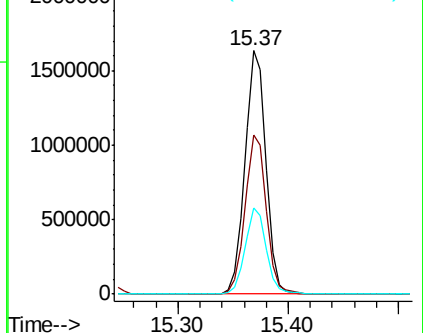
167 35.3 28.2 42.2

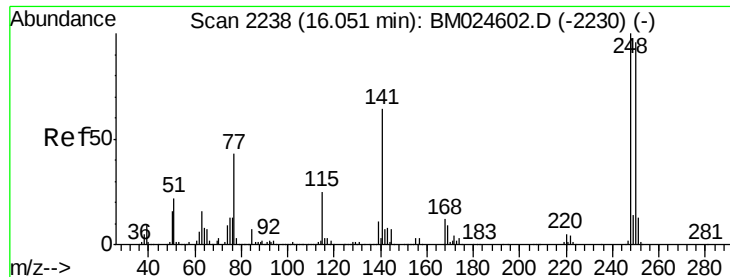


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

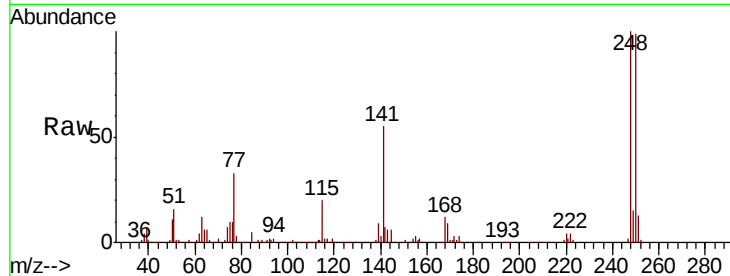




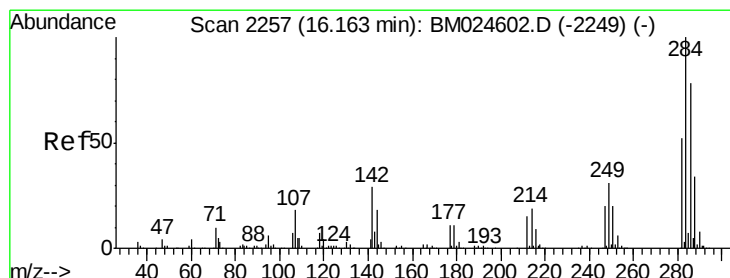
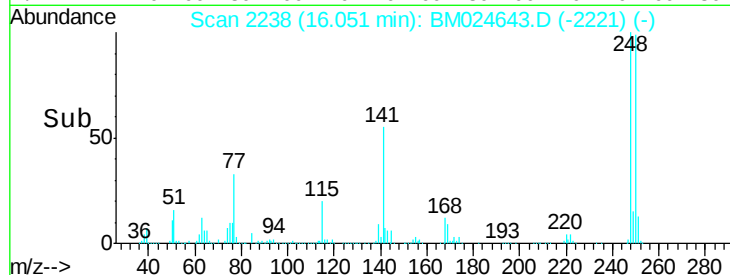
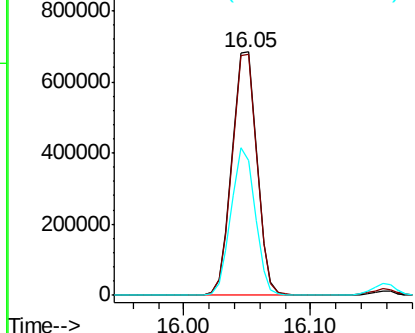
#67
4-Bromophenyl-phenylether
Concen: 49.110 ng
RT: 16.05 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 931423
Ion Ratio Lower Upper
248 100
250 99.3 77.0 115.6
141 55.3 50.9 76.3

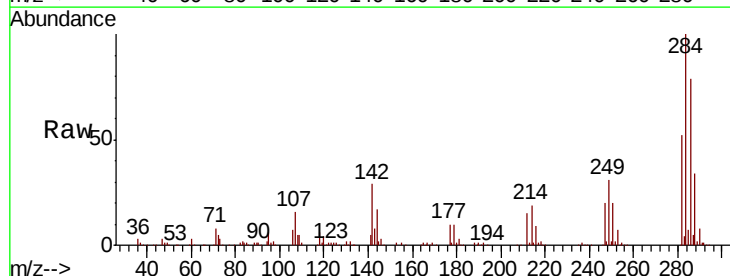


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

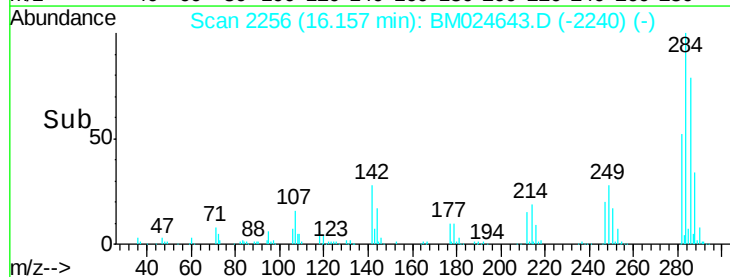
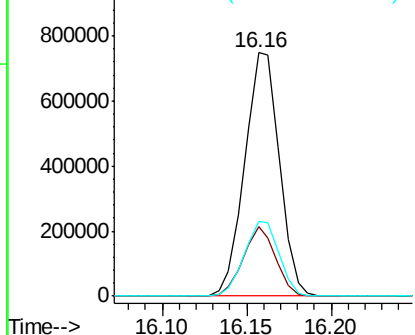


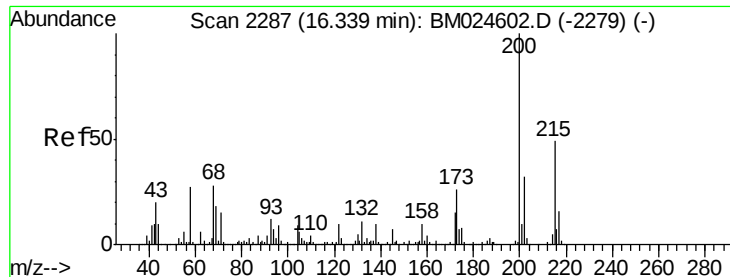
#68
Hexachlorobenzene
Concen: 49.222 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion:284 Resp: 1071301
Ion Ratio Lower Upper
284 100
142 28.5 23.5 35.3
249 30.8 24.6 36.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 49.246 ng

RT: 16.34 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampled :

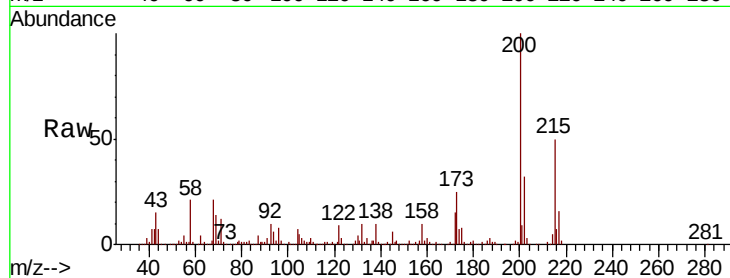
Tot Ion:200 Resp: 828131

Ion Ratio Lower Upper

200 100

173 24.7 5.5 45.5

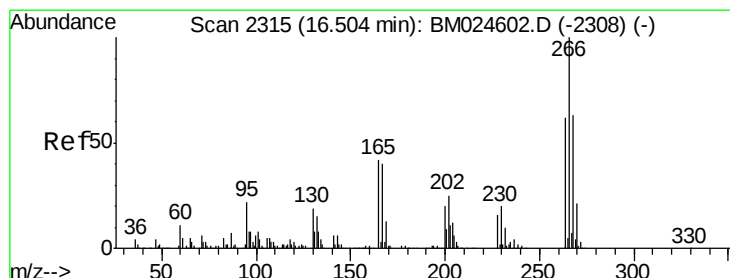
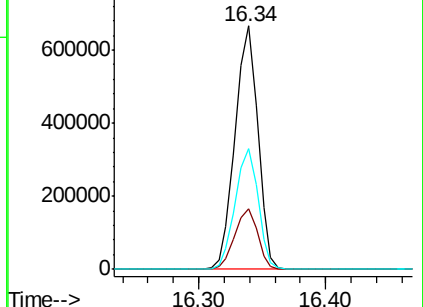
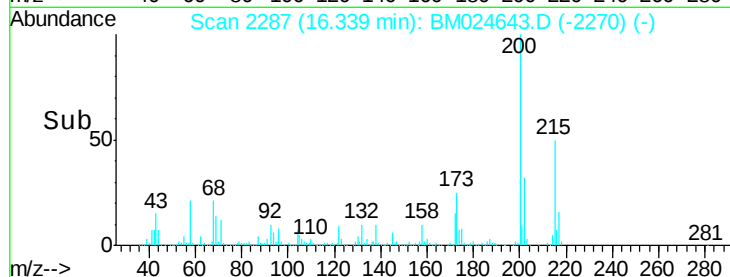
215 49.8 29.4 69.4



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



#70

Pentachlorophenol

Concen: 97.050 ng

RT: 16.50 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

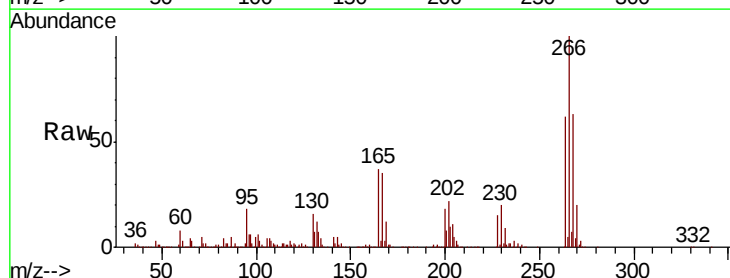
Tgt Ion:266 Resp: 1286619

Ion Ratio Lower Upper

266 100

268 62.9 50.4 75.6

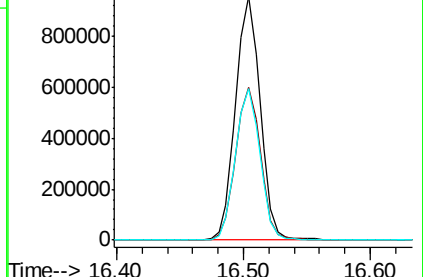
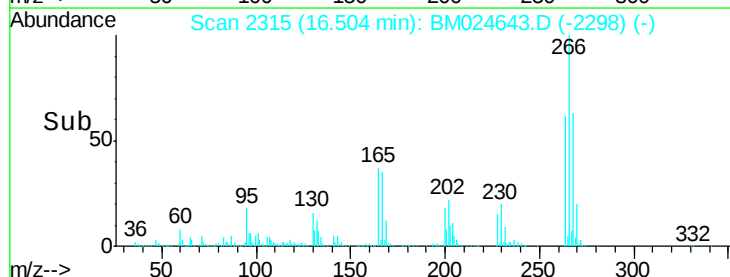
264 62.1 49.9 74.9

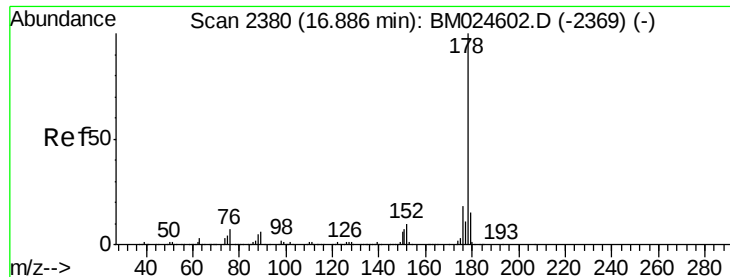


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

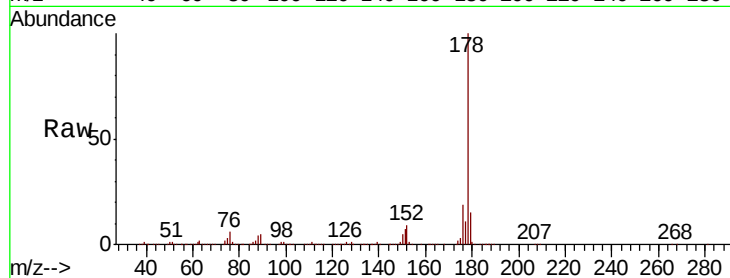




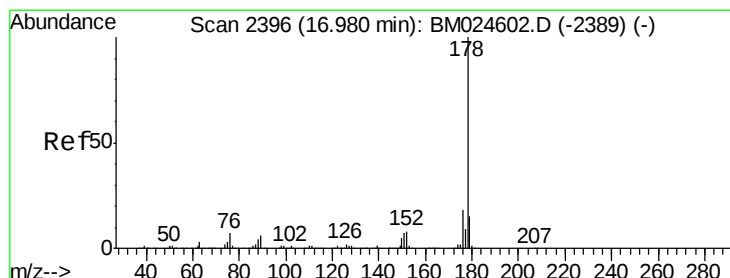
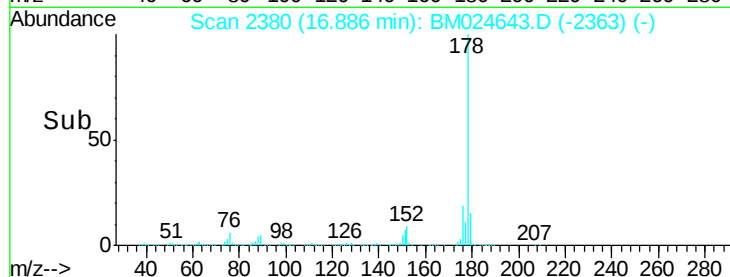
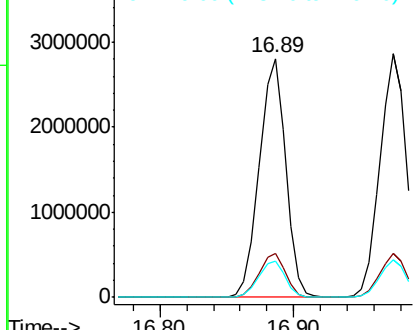
#71
Phenanthrene
Concen: 46.194 ng
RT: 16.89 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 3815099
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 15.1 11.9 17.9

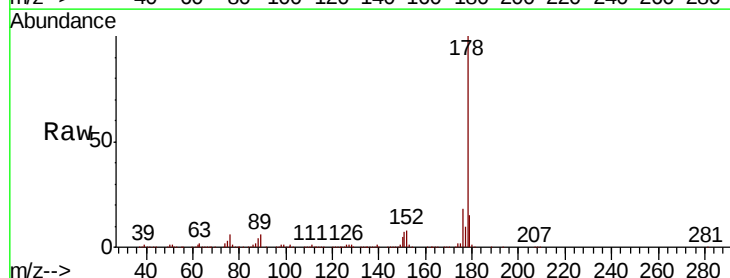


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

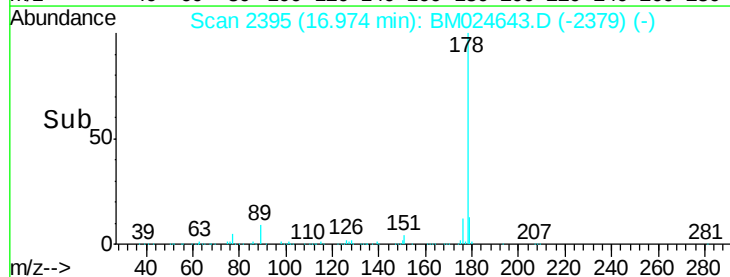
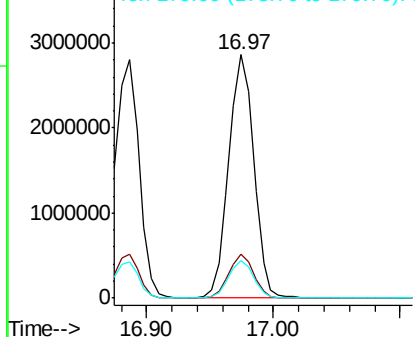


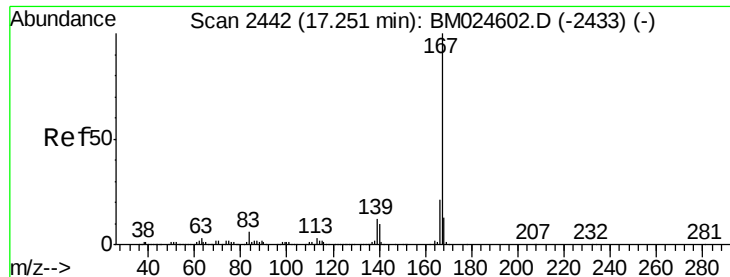
#72
Anthracene
Concen: 48.265 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion:178 Resp: 3900343
Ion Ratio Lower Upper
178 100
176 17.8 14.3 21.5
179 15.3 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

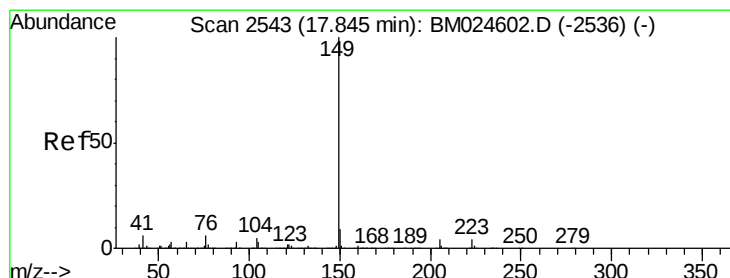
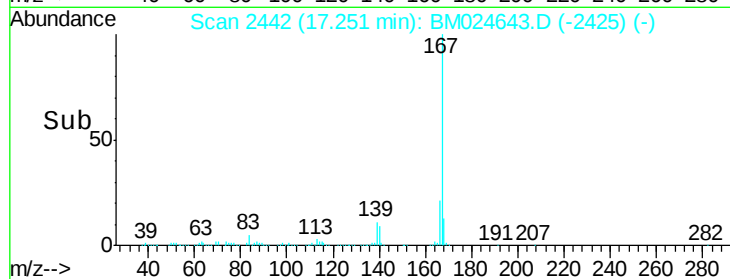
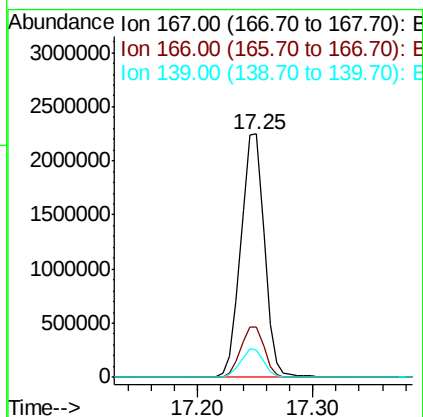
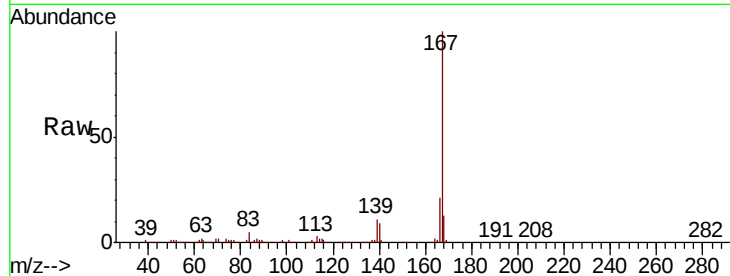




#73
 Carbazole
 Concen: 43.555 ng
 RT: 17.25 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

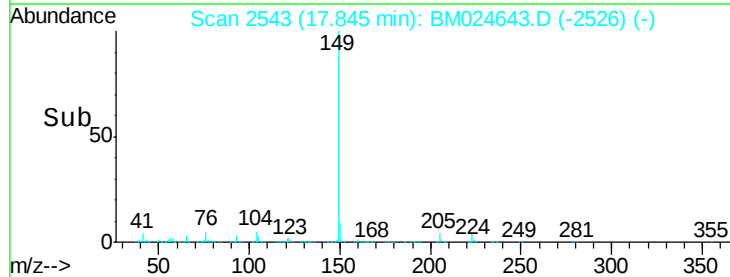
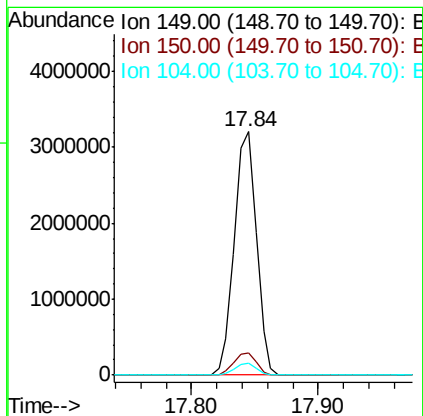
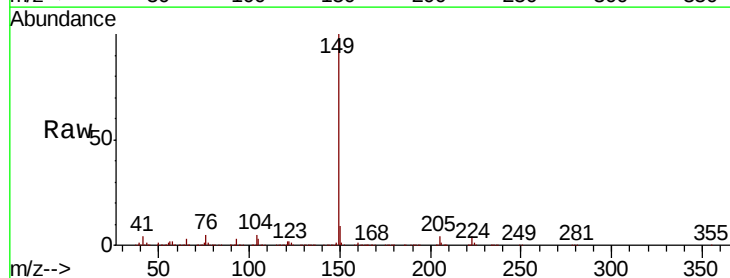
Instrument :
 BNA_M
 ClientSampleId :

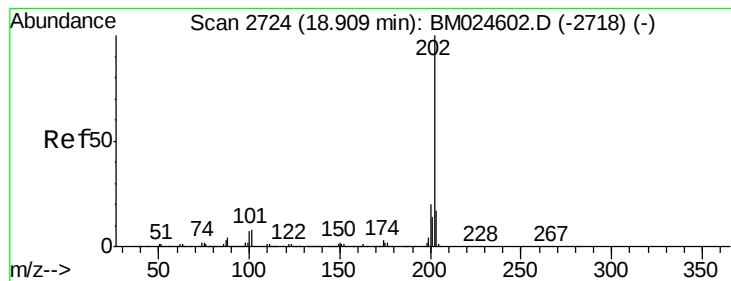
Tot Ion:167 Resp: 3204135
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.1 25.7
 139 11.5 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 41.016 ng
 RT: 17.84 min Scan# 2543
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion:149 Resp: 3857401
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 4.6 4.3 6.5





#75

Fluoranthene

Concen: 41.498 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

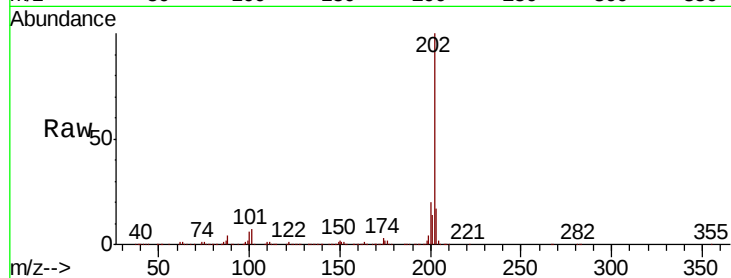
Tot Ion:202 Resp: 4277567

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.4

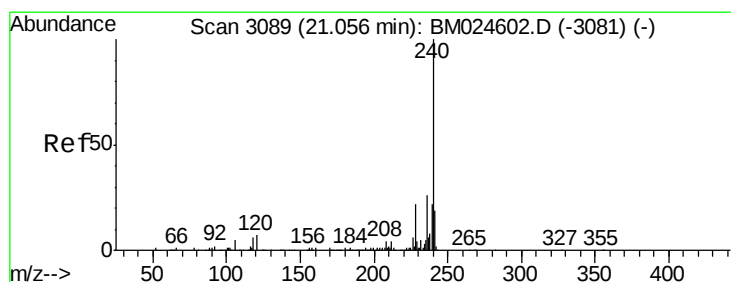
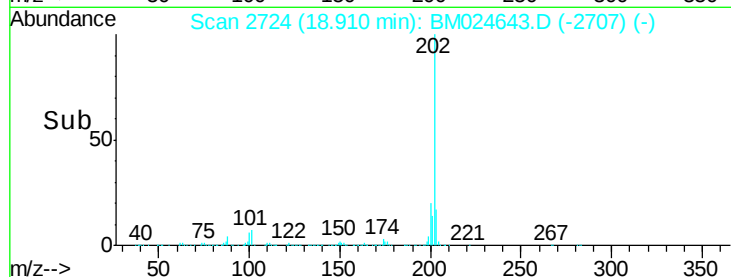
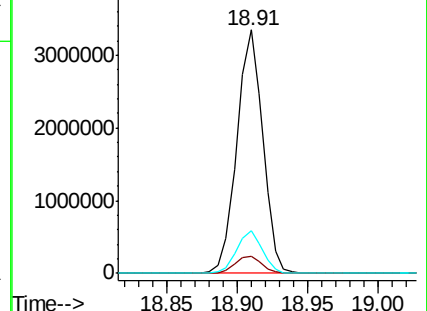
203 17.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

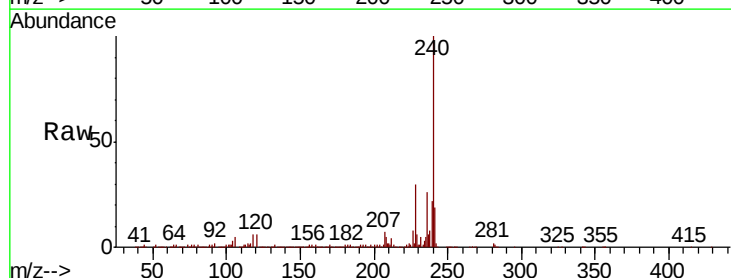
Tgt Ion:240 Resp: 1135956

Ion Ratio Lower Upper

240 100

120 6.1 5.3 7.9

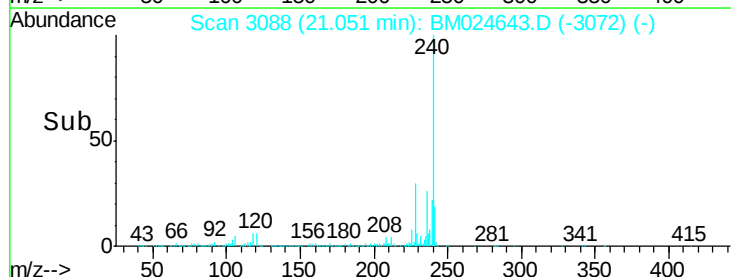
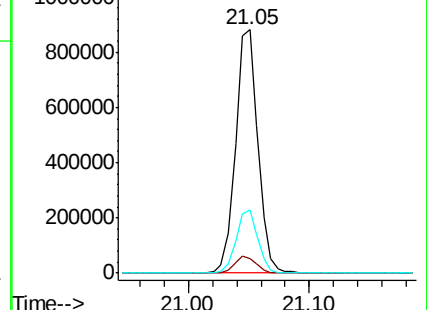
236 25.8 20.6 31.0

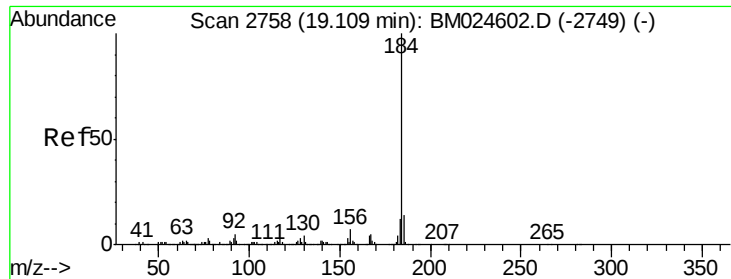


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 89.504 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

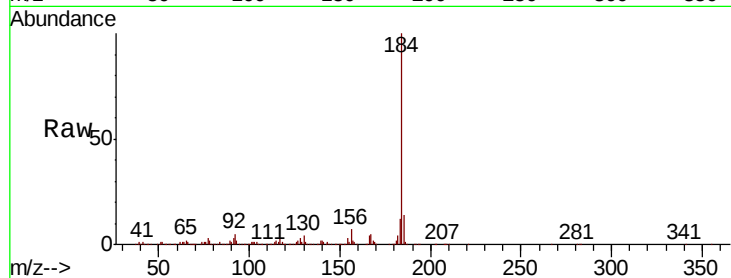
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 2367829

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	11.6	9.6	14.4

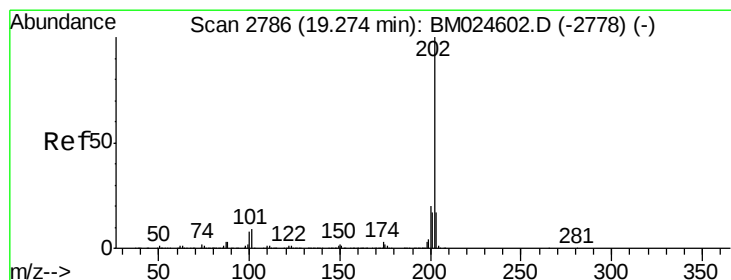
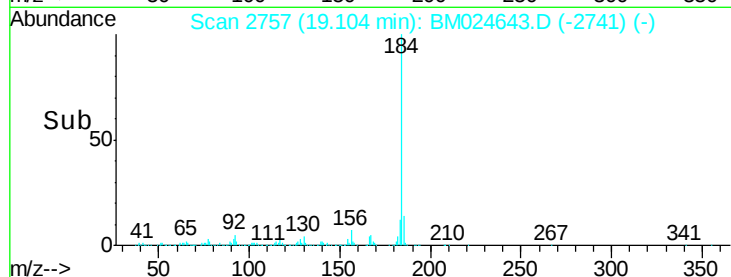
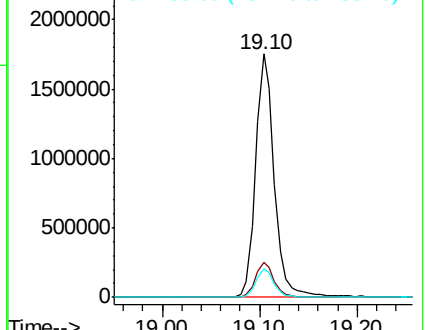


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 57.082 ng

RT: 19.27 min Scan# 2786

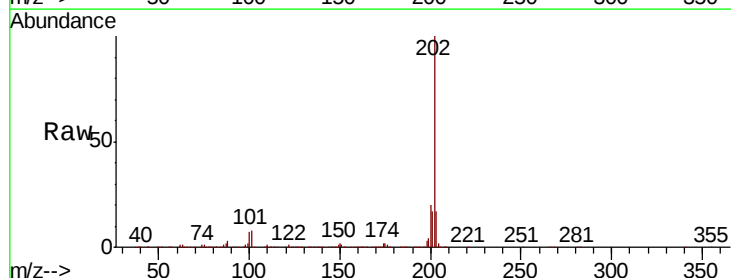
Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tgt Ion:202 Resp: 4274646

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.5	14.0	21.0

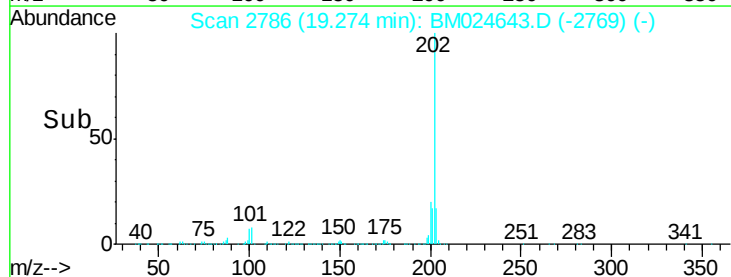
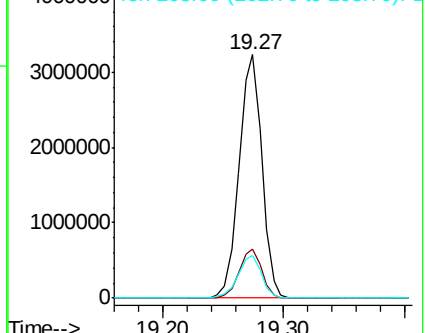


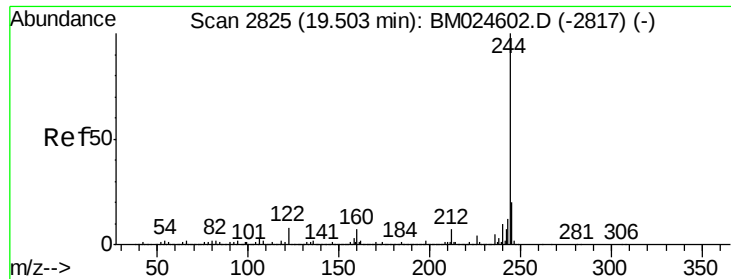
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

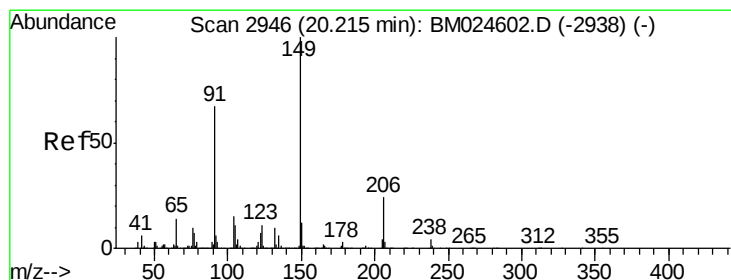
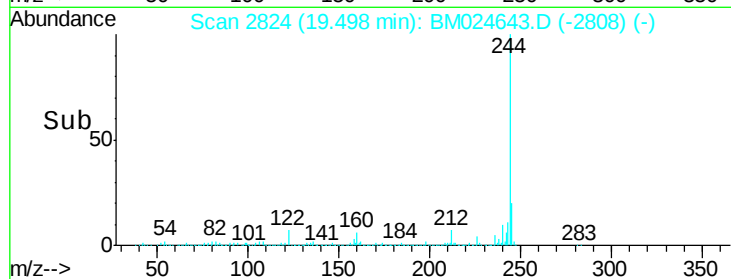
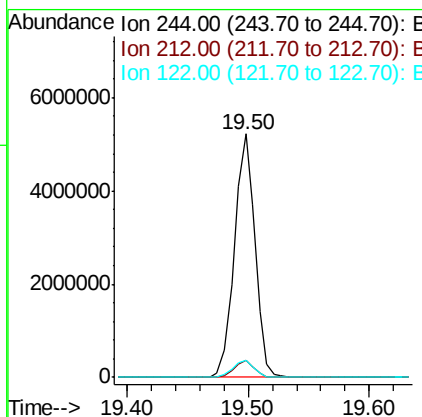
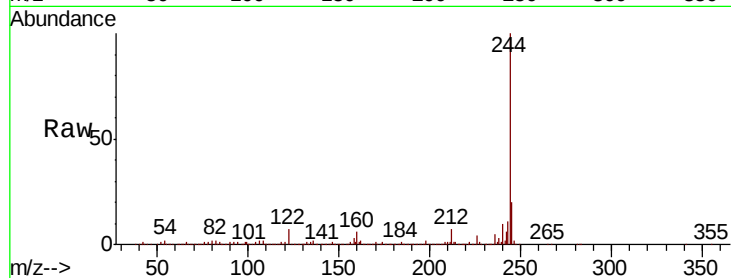




#79
 Terphenyl-d14
 Concen: 101.831 ng
 RT: 19.50 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

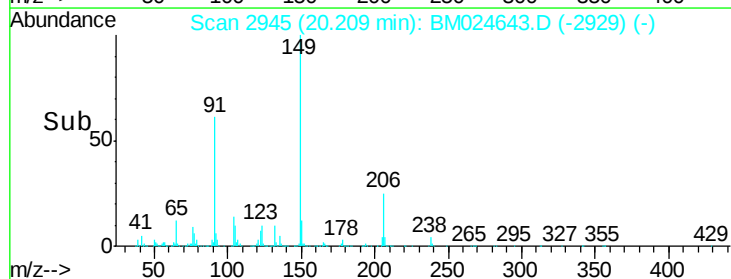
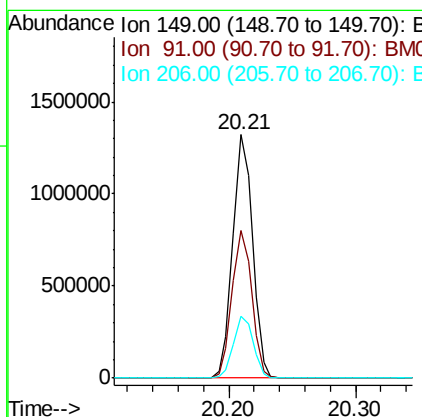
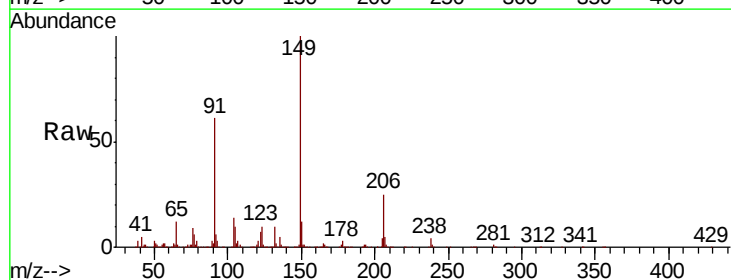
Instrument :
 BNA_M
 ClientSampleId :

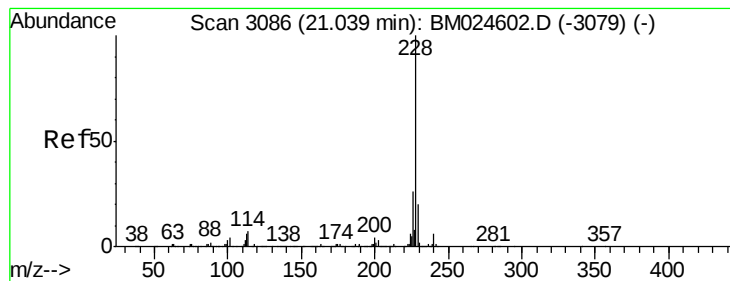
Tot Ion:244 Resp: 6196149
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 7.1 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 45.124 ng
 RT: 20.21 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion:149 Resp: 1417934
 Ion Ratio Lower Upper
 149 100
 91 60.8 53.9 80.9
 206 25.5 19.0 28.6





#81

Benzo(a)anthracene

Concen: 46.146 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

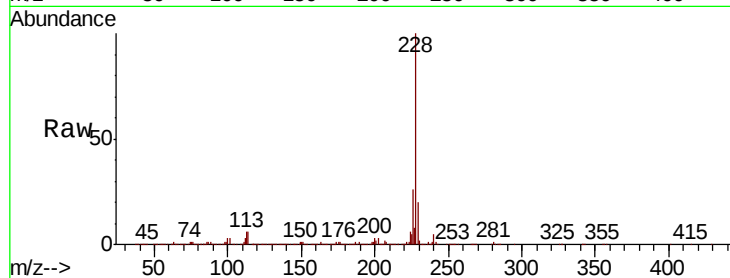
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3638264

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.1	31.7
229	19.8	15.8	23.6

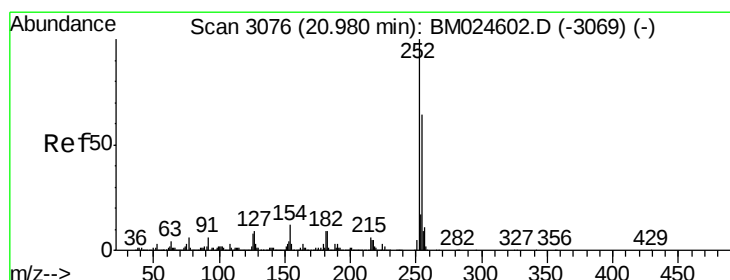
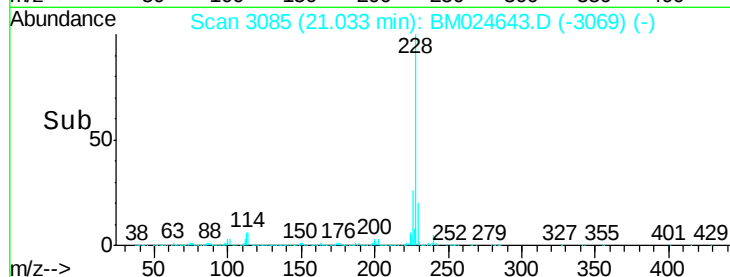
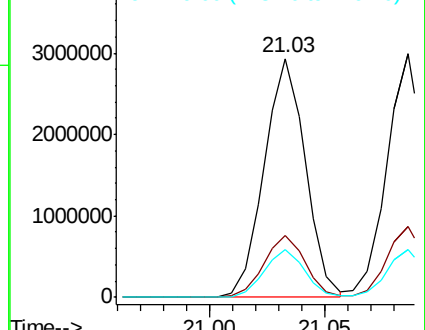


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 34.362 ng

RT: 20.97 min Scan# 3075

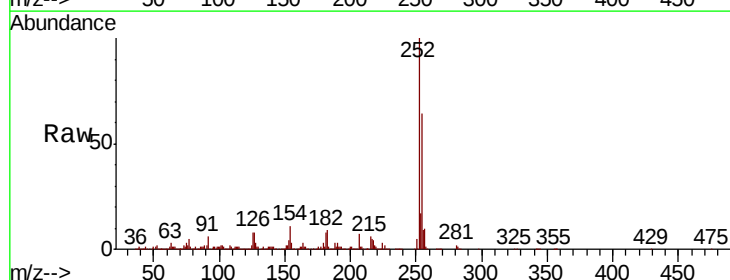
Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tgt Ion:252 Resp: 974555

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.5	77.3
126	8.0	6.7	10.1

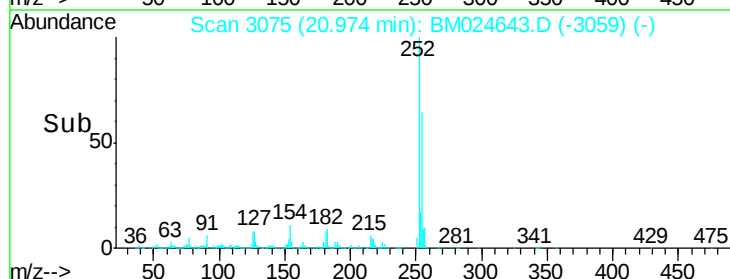
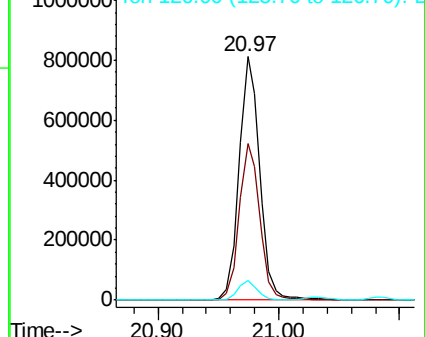


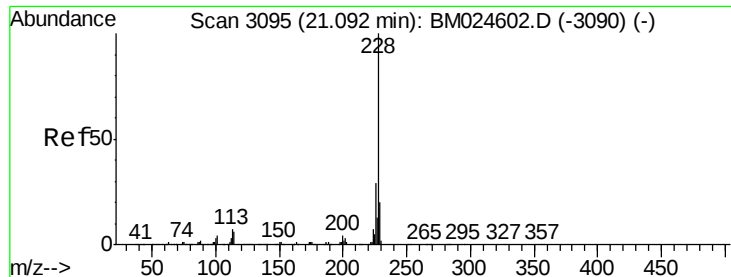
Abundance

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

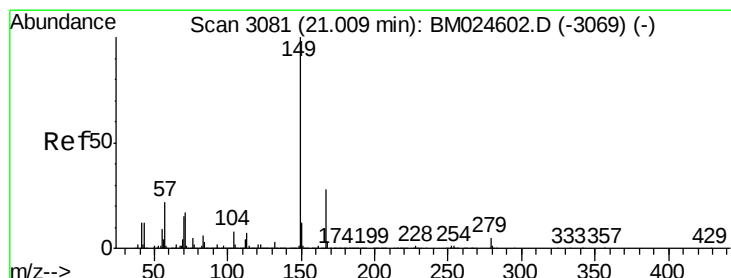
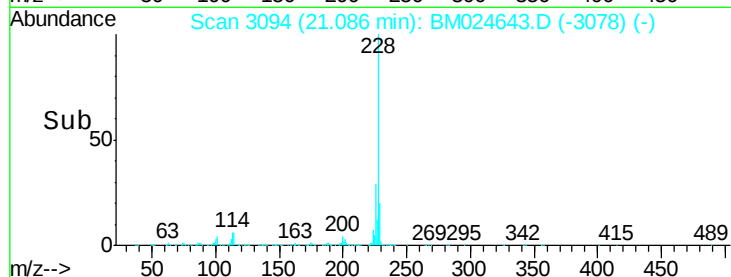
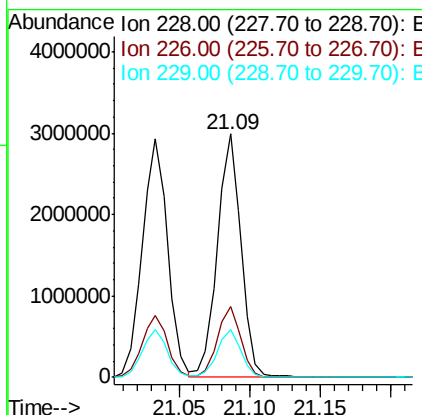
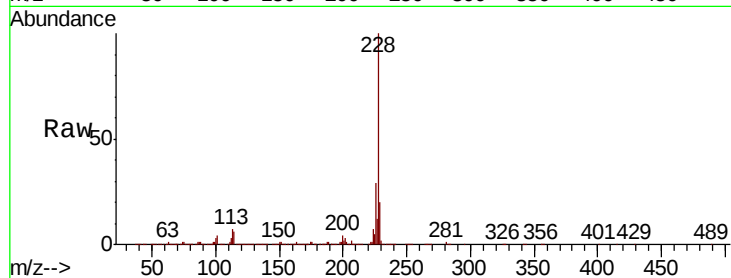




#83
 Chrvsene
 Concen: 46.075 ng
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

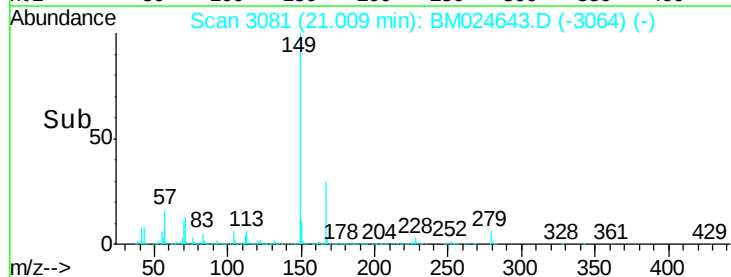
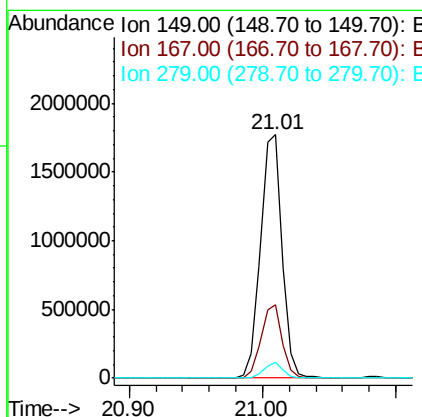
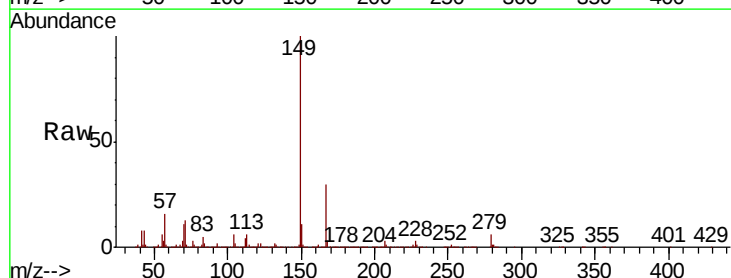
Instrument :
 BNA_M
 ClientSampleId :

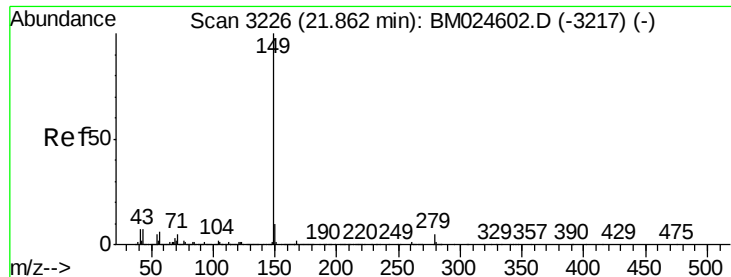
Tot Ion:228 Resp: 3466274
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.2 34.8
 229 19.6 15.7 23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.141 ng
 RT: 21.01 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion:149 Resp: 1953881
 Ion Ratio Lower Upper
 149 100
 167 30.3 22.5 33.7
 279 6.3 4.0 6.0#





#85

Di-n-octyl phthalate

Concen: 37.822 ng

RT: 21.86 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

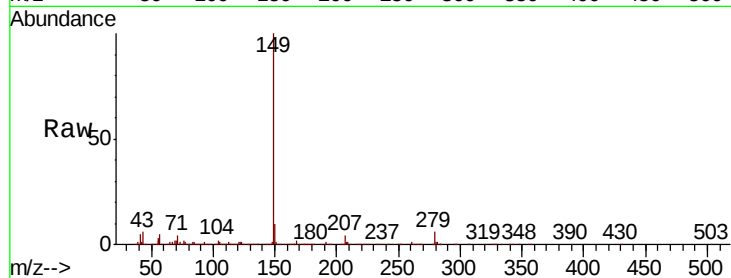
Tot Ion:149 Resp: 2897219

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

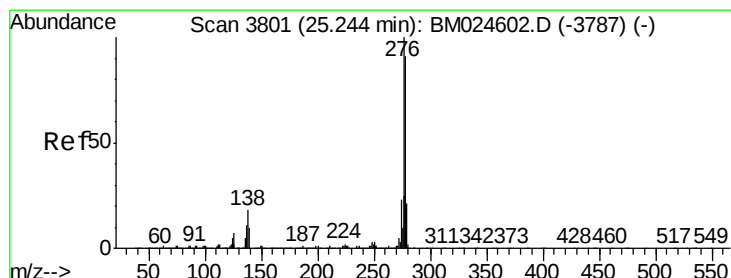
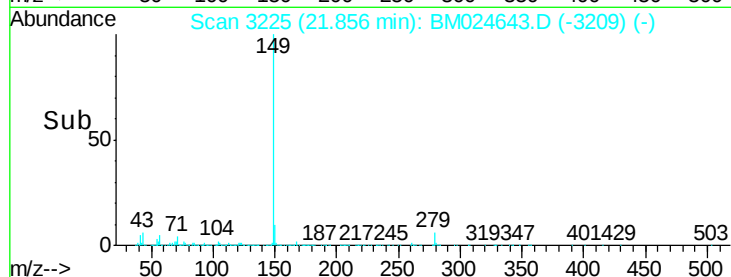
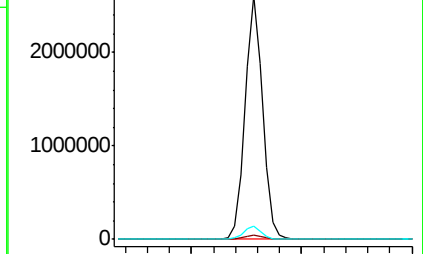
43 5.6 5.8 8.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.133 ng

RT: 25.23 min Scan# 3798

Delta R.T. -0.02 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

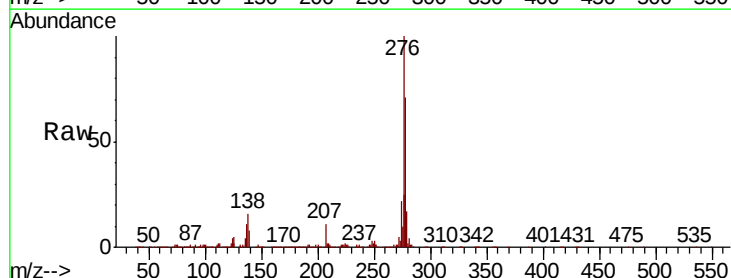
Tgt Ion:276 Resp: 3536803

Ion Ratio Lower Upper

276 100

138 16.3 13.4 20.0

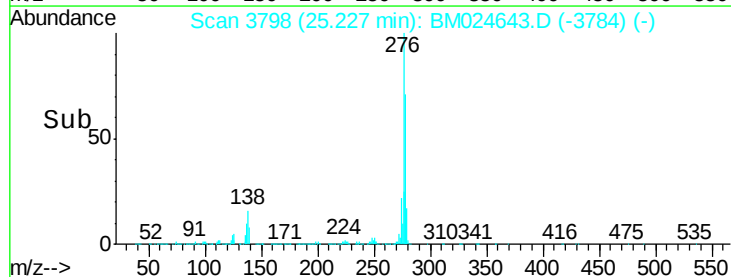
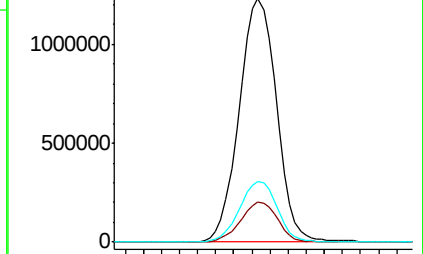
277 25.2 19.6 29.4

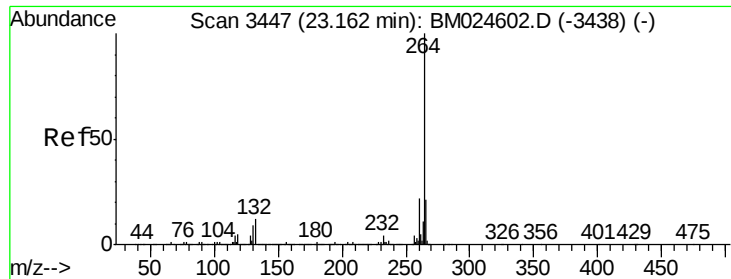


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3446

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

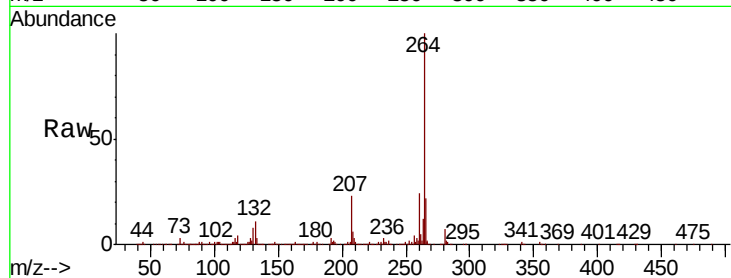
Tot Ion:264 Resp: 1041591

Ion Ratio Lower Upper

264 100

260 23.7 17.9 26.9

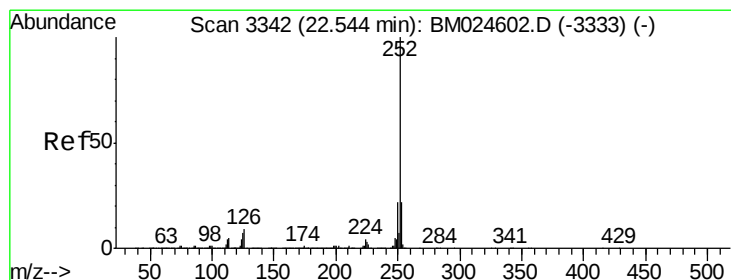
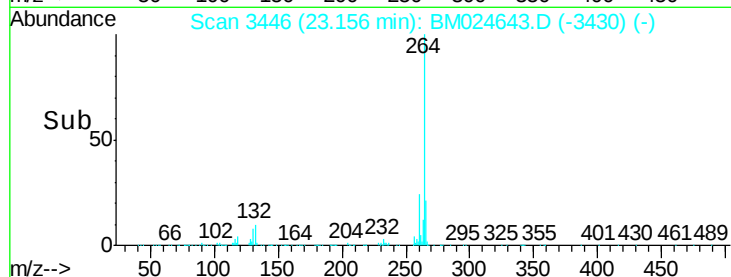
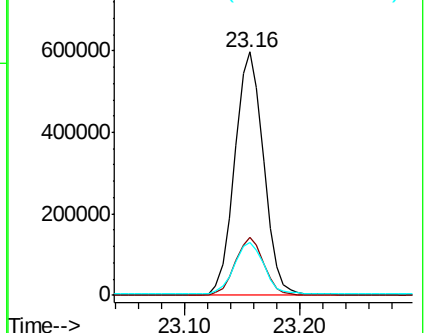
265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.306 ng

RT: 22.54 min Scan# 3341

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

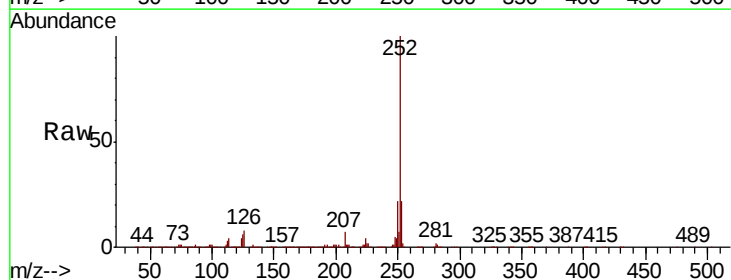
Tgt Ion:252 Resp: 3128218

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

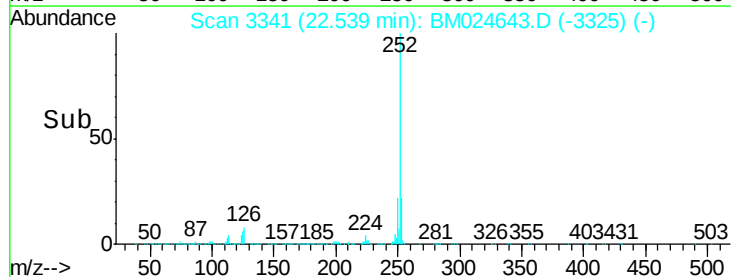
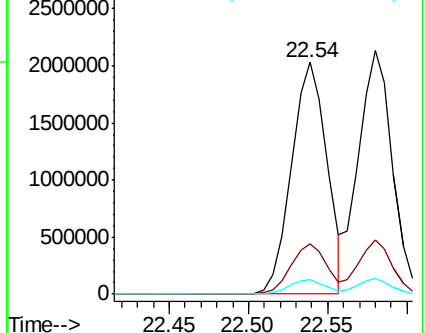
125 6.4 5.7 8.5

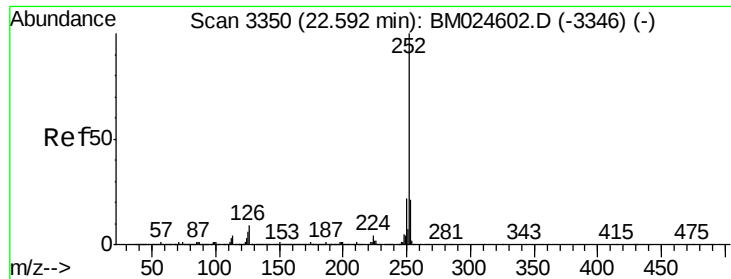


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.296 ng

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampled :

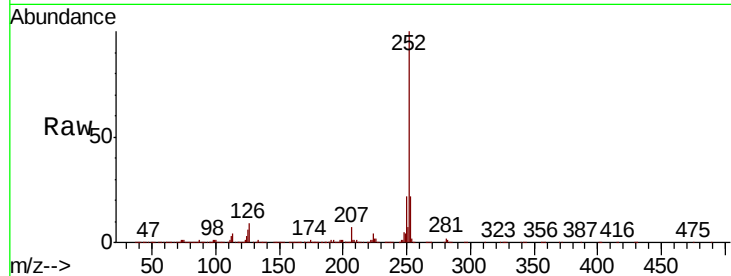
Tot Ion:252 Resp: 3184638

Ion Ratio Lower Upper

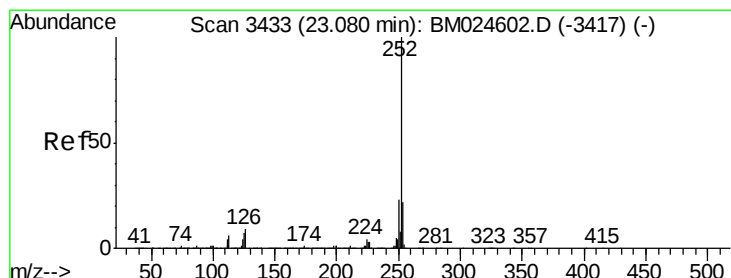
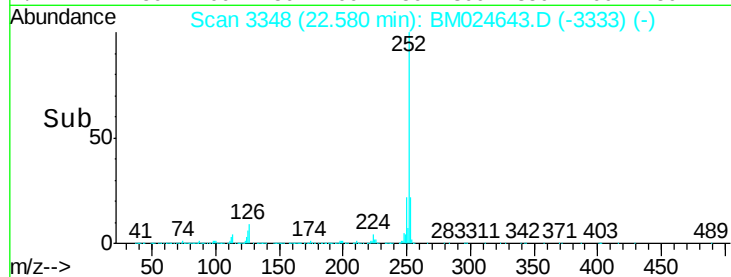
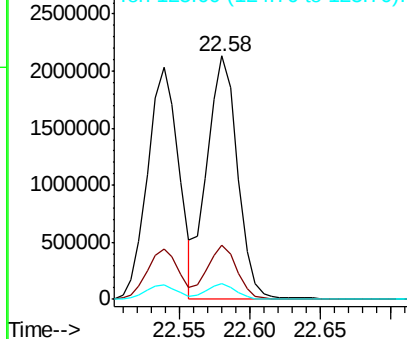
252 100

253 22.0 17.3 25.9

125 6.3 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



#90

Benzo(a)pyrene

Concen: 45.687 ng

RT: 23.07 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

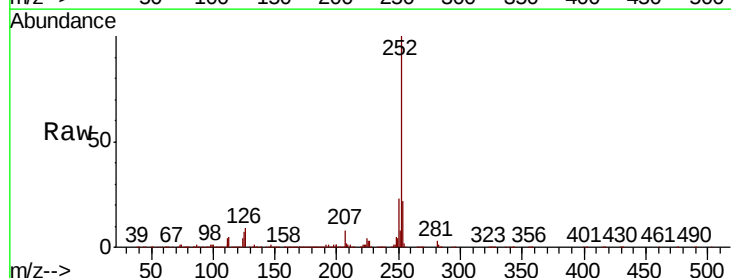
Tgt Ion:252 Resp: 2806099

Ion Ratio Lower Upper

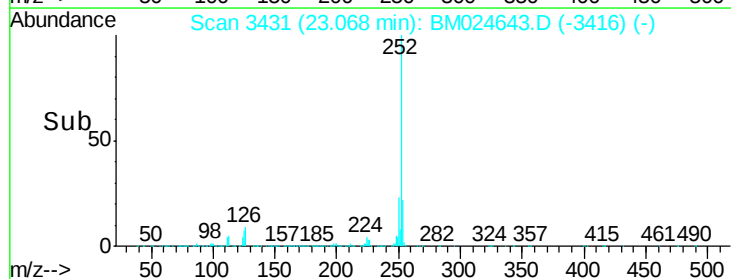
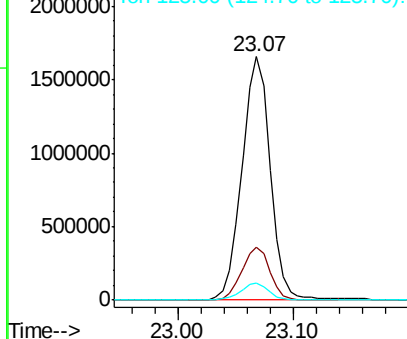
252 100

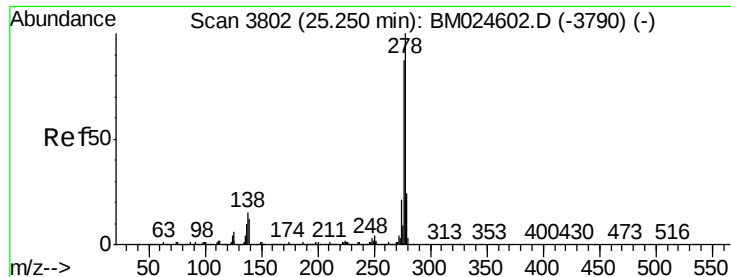
253 21.8 17.3 25.9

125 6.8 5.8 8.8



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

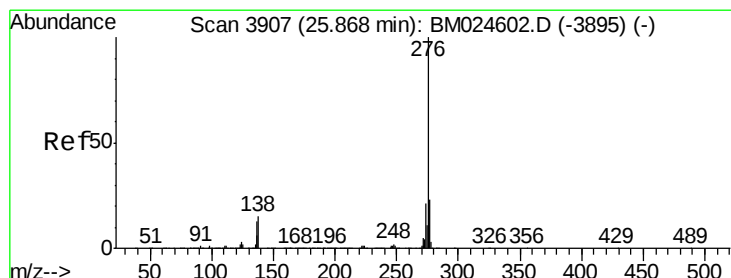
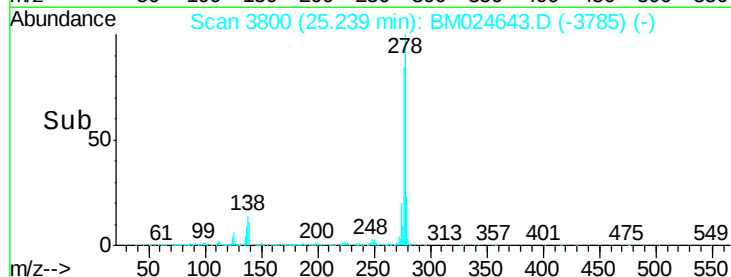
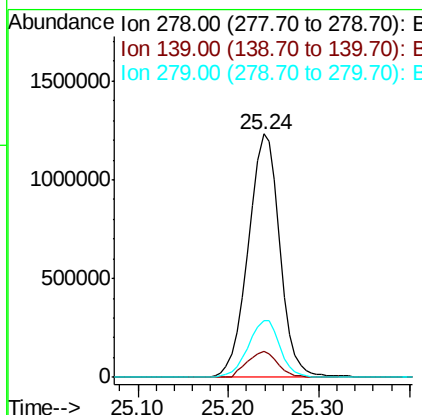
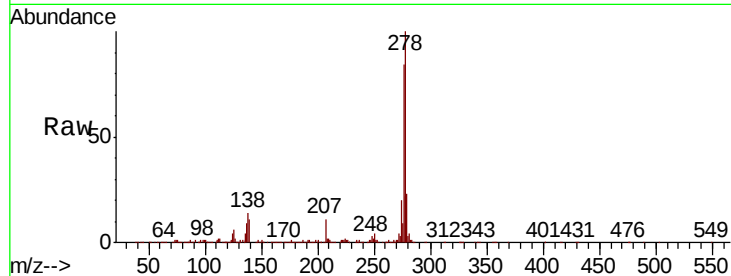




#91
 Dibenzo(a,h)anthracene
 Concen: 51.255 ng
 RT: 25.24 min Scan# 3800
 Delta R.T. -0.01 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:278 Resp: 2987931
 Ion Ratio Lower Upper
 278 100
 139 10.6 9.3 13.9
 279 23.4 18.9 28.3



#92
 Benzo(g,h,i)perylene
 Concen: 56.287 ng
 RT: 25.85 min Scan# 3904
 Delta R.T. -0.02 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion:276 Resp: 2979479
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.6 28.0
 138 13.8 11.9 17.9

