

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024670.D
 Acq On : 30 Jan 2020 22:07
 Operator : CG/JU
 Sample : L1318-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 23:25:31 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	7.43	152	171248	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	612196	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	392217	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	870637	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	1020621	20.00	ng	-0.01
87) Perylene-d12	23.15	264	1297062	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.07	112	874874	97.16	ng	-0.01
7) Phenol-d6	6.63	99	1082301	87.25	ng	-0.02
23) Nitrobenzene-d5	8.57	82	692485	55.47	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	642146	100.65	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	1885507	65.36	ng	-0.02
79) Terphenyl-d14	19.49	244	3438579	62.90	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.06	88	138458	38.871	ng	91
3) Pyridine	3.44	79	354991	34.378	ng	94
4) n-Nitrosodimethylamine	3.35	42	163709	35.718	ng	86
6) Aniline	6.77	93	341473	22.613	ng	96
8) 2-Chlorophenol	7.00	128	493711	48.163	ng	91
9) Benzaldehyde	6.58	77	215774	29.439	ng	95
10) Phenol	6.66	94	551059	44.566	ng	94
11) bis(2-Chloroethyl)ether	6.87	93	402082	40.619	ng	95
12) 1,3-Dichlorobenzene	7.32	146	584345	46.402	ng	95
13) 1,4-Dichlorobenzene	7.46	146	587873	46.015	ng	98
14) 1,2-Dichlorobenzene	7.78	146	563885	45.726	ng	97
15) Benzyl Alcohol	7.67	79	397181	38.835	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.96	45	299591	33.060	ng	98
17) 2-Methylphenol	7.88	107	371178	42.597	ng	96
18) Hexachloroethane	8.49	117	206976	41.955	ng	93
19) n-Nitroso-di-n-propylamine	8.23	70	315001	33.822	ng	93
20) 3+4-Methylphenols	8.21	107	499085	41.377	ng	96
22) Acetophenone	8.24	105	659891	41.803	ng	96
24) Nitrobenzene	8.61	77	486918	40.703	ng	92
25) Isophorone	9.14	82	854306	40.277	ng	96
26) 2-Nitrophenol	9.31	139	276643	49.942	ng	91
27) 2,4-Dimethylphenol	9.39	122	415052	55.140	ng	93
28) bis(2-Chloroethoxy)methane	9.62	93	521692	40.262	ng	99
29) 2,4-Dichlorophenol	9.85	162	507829	49.936	ng	96
30) 1,2,4-Trichlorobenzene	10.06	180	593914	48.423	ng	97
31) Naphthalene	10.24	128	1437793	46.500	ng	100
32) Benzoic acid	9.54	122	275186	39.965	ng	94
33) 4-Chloroaniline	10.35	127	152130	11.225	ng	95
34) Hexachlorobutadiene	10.54	225	402156	47.432	ng	97
35) Caprolactam	11.12	113	133241	40.838	ng	89
36) 4-Chloro-3-methylphenol	11.50	107	449660	41.582	ng	91
37) 2-Methylnaphthalene	11.86	142	1085329	45.484	ng	98
38) 1-Methylnaphthalene	12.09	142	1029492	45.356	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	677549	48.402	ng	100

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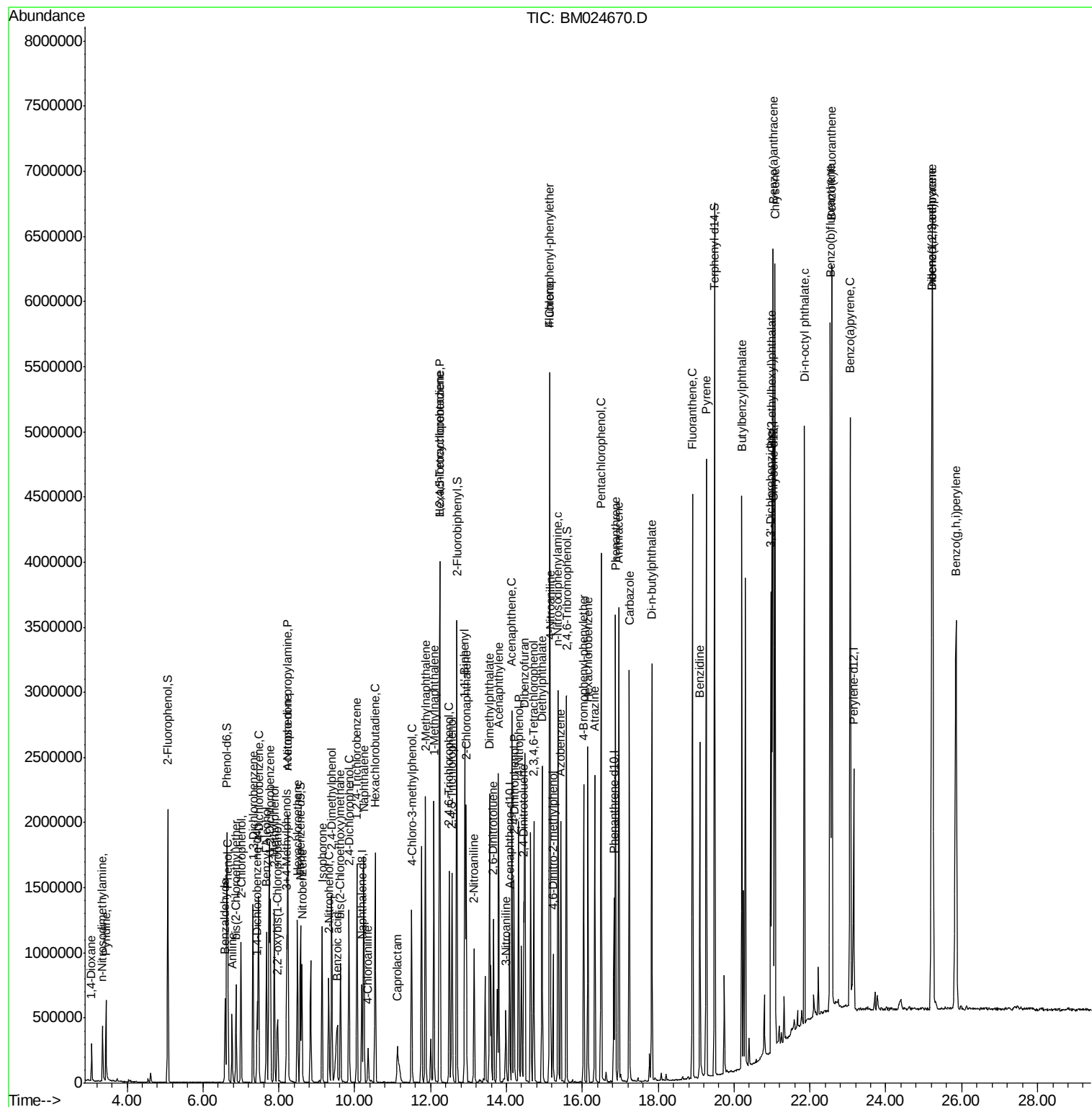
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	871526	111.076	nq	99
43) 2,4,6-Trichlorophenol	12.49	196	440301	49.428	nq	99
44) 2,4,5-Trichlorophenol	12.57	196	464984	51.112	nq	95
46) 1,1'-Biphenyl	12.90	154	1401854	47.229	nq	99
47) 2-Chloronaphthalene	12.94	162	1132534	47.263	nq	96
48) 2-Nitroaniline	13.15	65	260432	35.635	nq	88
49) Acenaphthylene	13.79	152	1749913	48.782	nq	100
50) Dimethylphthalate	13.55	163	1459207	46.009	nq	99
51) 2,6-Dinitrotoluene	13.66	165	313793	46.536	nq #	82
52) Acenaphthene	14.15	154	1036434	46.561	nq	98
53) 3-Nitroaniline	13.99	138	154695	22.119	nq	92
54) 2,4-Dinitrophenol	14.20	184	388893	96.445	nq #	89
55) Dibenzofuran	14.49	168	1711335	47.141	nq	96
56) 4-Nitrophenol	14.32	139	551718	100.921	nq	85
57) 2,4-Dinitrotoluene	14.46	165	434288	44.939	nq #	84
58) Fluorene	15.14	166	1356531	44.465	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	451558	48.946	nq #	94
60) Diethylphthalate	14.94	149	1326063	41.184	nq	98
61) 4-Chlorophenyl-phenylether	15.15	204	774057	44.009	nq	96
62) 4-Nitroaniline	15.16	138	293060	37.963	nq	89
63) Azobenzene	15.43	77	1028941	37.464	nq	94
65) 4,6-Dinitro-2-methylphenol	15.23	198	273664	53.459	nq	85
66) n-Nitrosodiphenylamine	15.36	169	1216017	48.623	nq	100
67) 4-Bromophenyl-phenylether	16.03	248	508999	47.012	nq	98
68) Hexachlorobenzene	16.15	284	600644	48.343	nq	95
69) Atrazine	16.33	200	485569	50.582	nq	98
70) Pentachlorophenol	16.49	266	780234	103.096	nq	99
71) Phenanthrene	16.87	178	2235079	47.407	nq	99
72) Anthracene	16.96	178	2275170	49.319	nq	99
73) Carbazole	17.24	167	2025647	48.235	nq	99
74) Di-n-butylphthalate	17.83	149	2277066	42.413	nq	99
75) Fluoranthene	18.90	202	2858414	48.576	nq	99
77) Benzidine	19.10	184	1573760	66.211	nq	99
78) Pyrene	19.26	202	2957640	43.958	nq	99
80) Butylbenzylphthalate	20.20	149	1102069	39.035	nq	93
81) Benzo(a)anthracene	21.03	228	3275075	46.234	nq	100
82) 3,3'-Dichlorobenzidine	20.97	252	1057628	41.505	nq	99
83) Chrysene	21.08	228	3166685	46.849	nq	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	1610664	38.664	nq	98
85) Di-n-octyl phthalate	21.85	149	2950812	42.875	nq #	96
86) Indeno(1,2,3-cd)pyrene	25.22	276	4541076	61.639	nq	98
88) Benzo(b)fluoranthene	22.53	252	3656477	43.465	nq	99
89) Benzo(k)fluoranthene	22.57	252	3723866	45.350	nq	99
90) Benzo(a)pyrene	23.06	252	3449314	45.099	nq	99
91) Dibenzo(a,h)anthracene	25.23	278	3849976	53.035	nq	99
92) Benzo(g,h,i)perylene	25.85	276	3818304	57.927	nq	97

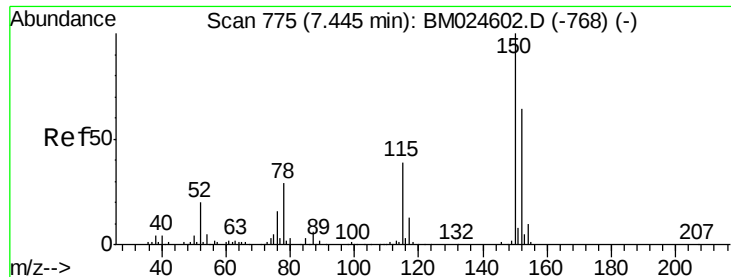
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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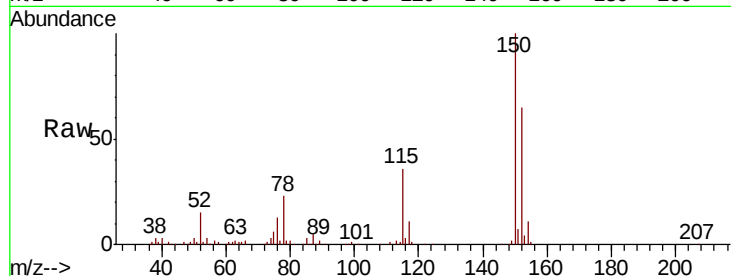


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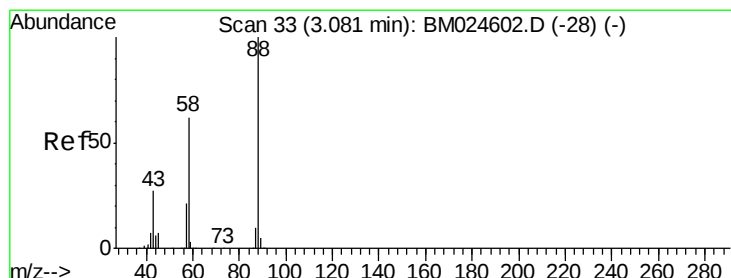
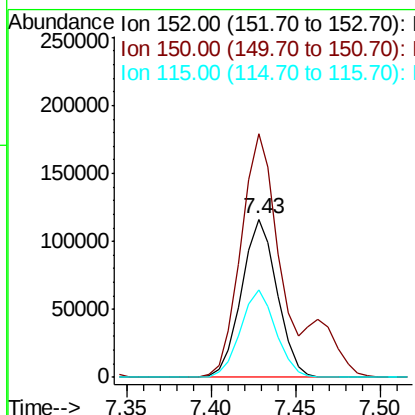
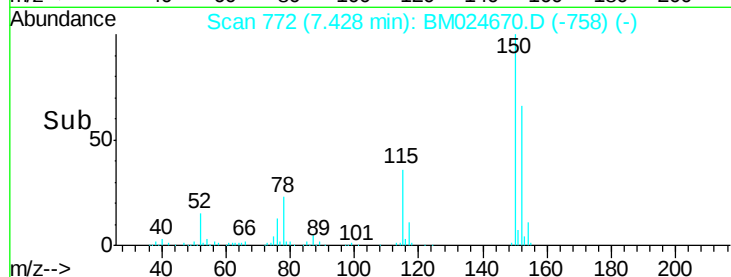
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 171248
Ion Ratio Lower Upper
152 100
150 154.2 124.2 186.4
115 55.0 48.6 72.8



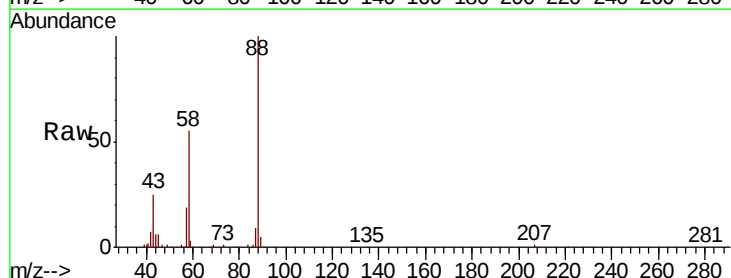
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



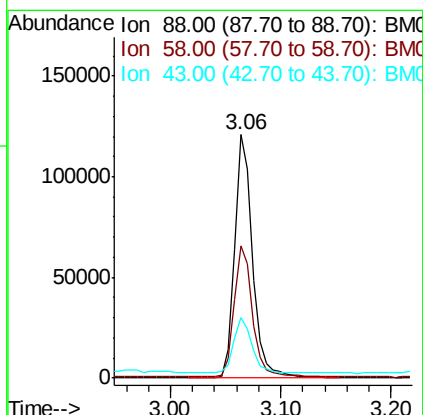
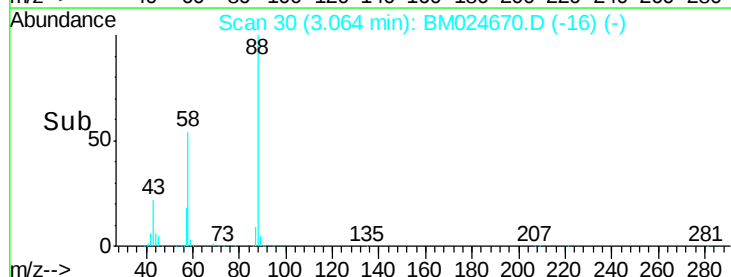
#2

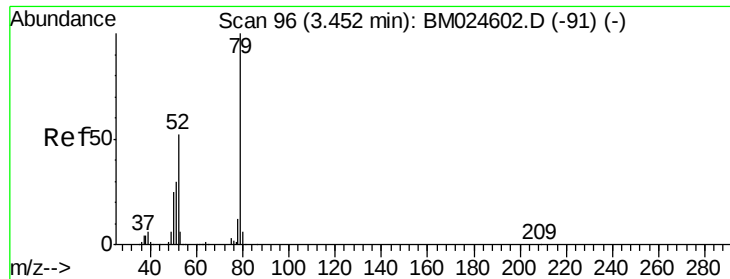
1,4-Dioxane
Concen: 38.871 ng
RT: 3.06 min Scan# 30
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion: 88 Resp: 138458
Ion Ratio Lower Upper
88 100
58 55.1 50.0 75.0
43 22.9 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: 34.378 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

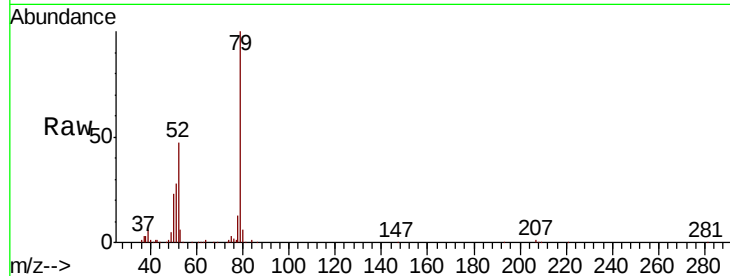
Tot Ion: 79 Resp: 354991

Ion Ratio Lower Upper

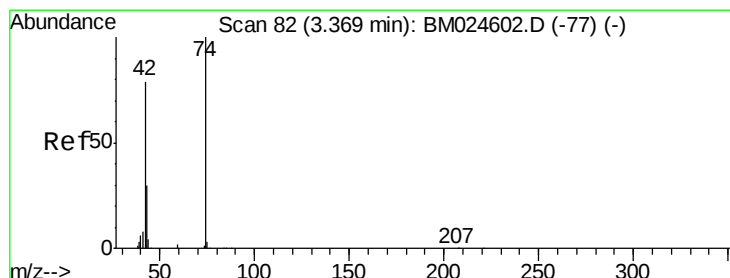
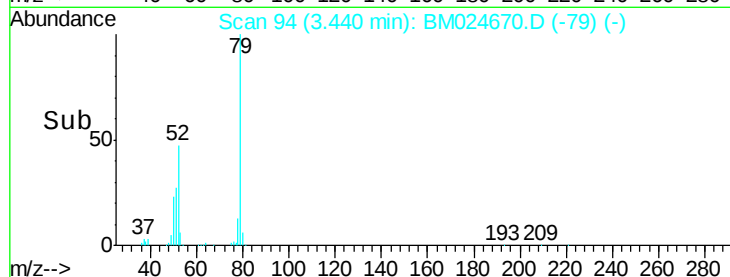
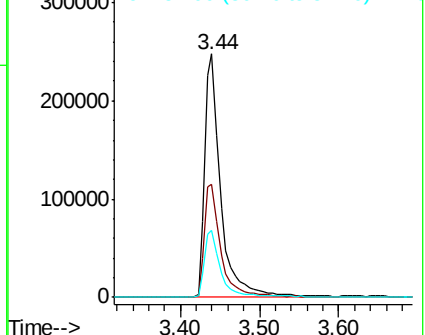
79 100

52 46.6 41.4 62.2

51 27.7 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 35.718 ng

RT: 3.35 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

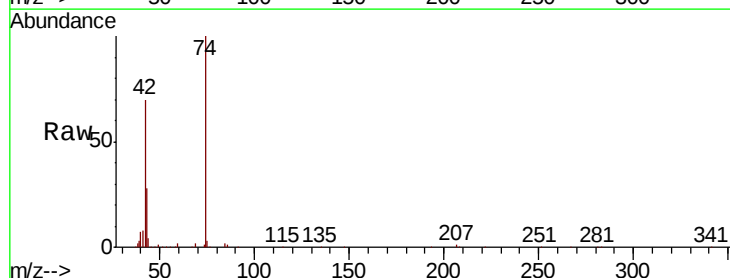
Tgt Ion: 42 Resp: 163709

Ion Ratio Lower Upper

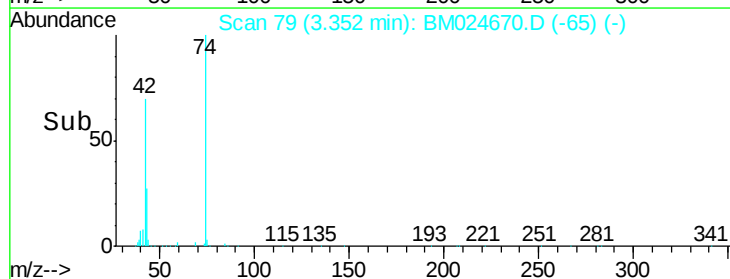
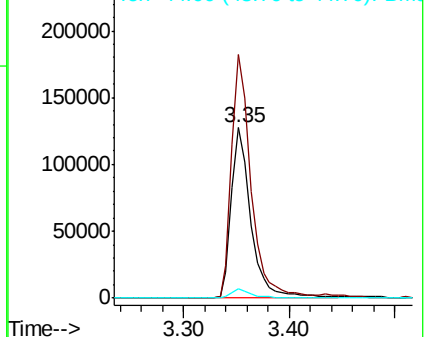
42 100

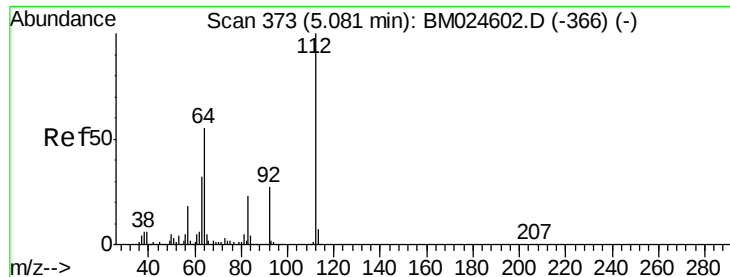
74 143.1 101.4 152.2

44 5.4 4.6 6.8



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 97.157 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

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ClientSampleId :

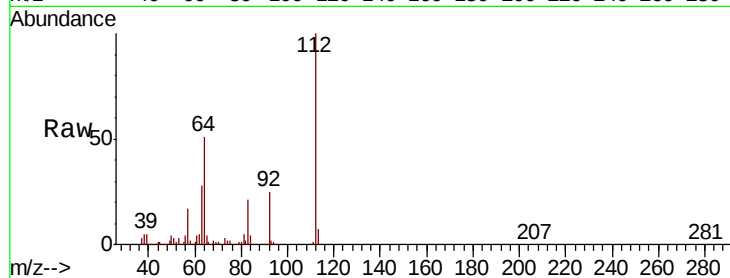
Tot Ion:112 Resp: 874874

Ion Ratio Lower Upper

112 100

64 50.8 44.2 66.4

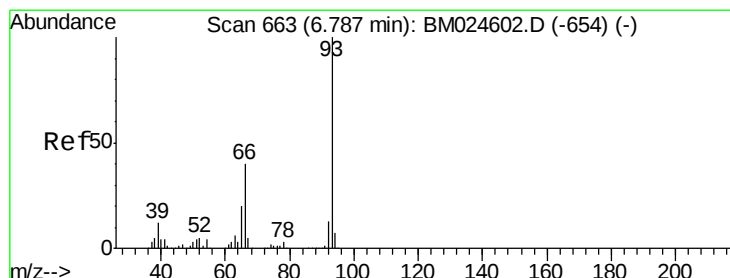
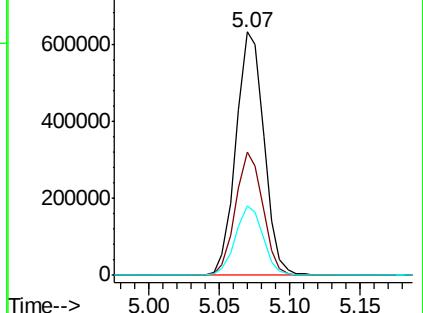
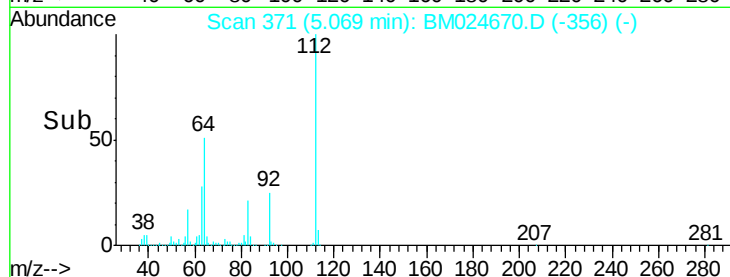
63 28.3 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 22.613 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

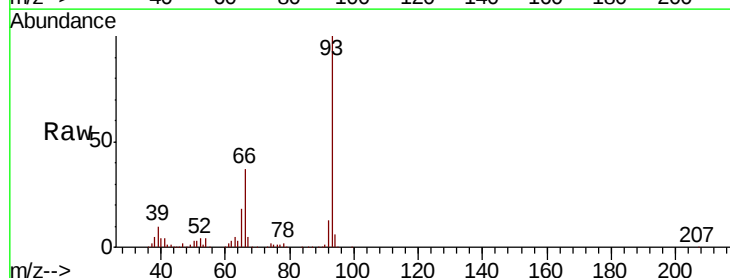
Tgt Ion: 93 Resp: 341473

Ion Ratio Lower Upper

93 100

66 37.2 31.8 47.8

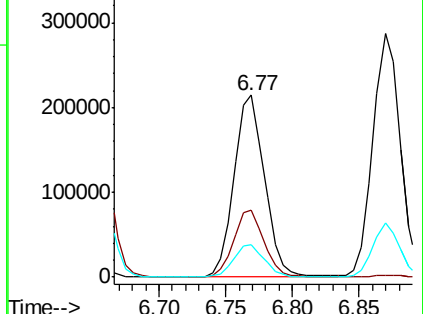
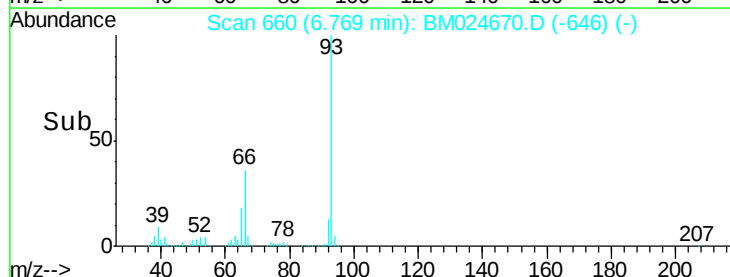
65 18.0 15.8 23.6

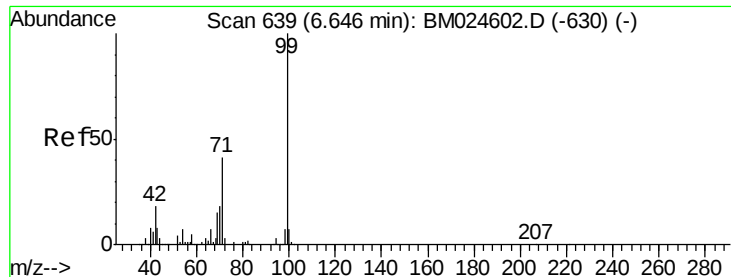


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 87.250 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

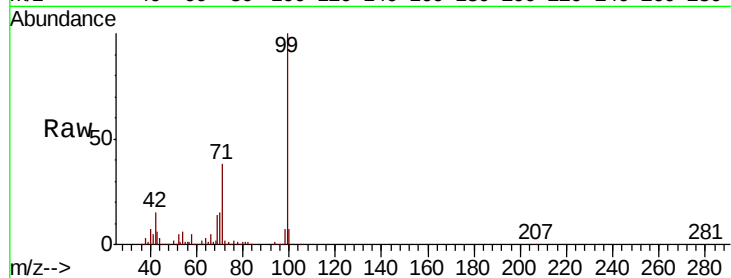
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1082301

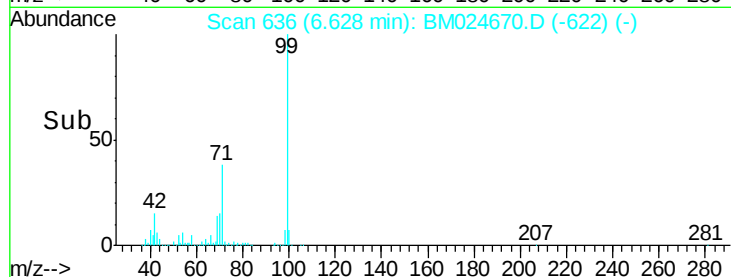
Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.1	21.1
71	37.9	33.0	49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024670.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024670.D (-622) (-)

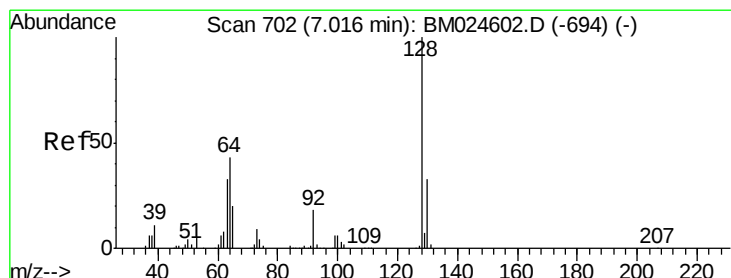
Ion 71.00 (70.70 to 71.70): BM024670.D (-622) (-)



Abundance Ion 99.00 (98.70 to 99.70): BM024670.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024670.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024670.D (-622) (-)



#8

2-Chlorophenol

Concen: 48.163 ng

RT: 7.00 min Scan# 700

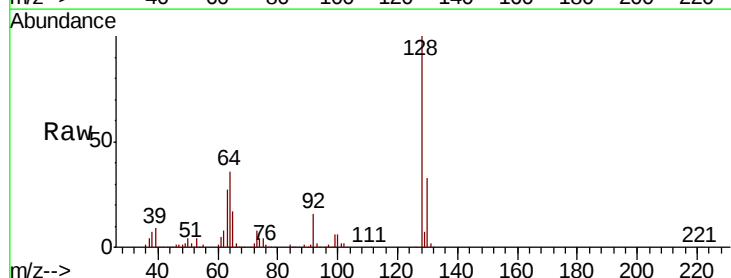
Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion: 128 Resp: 493711

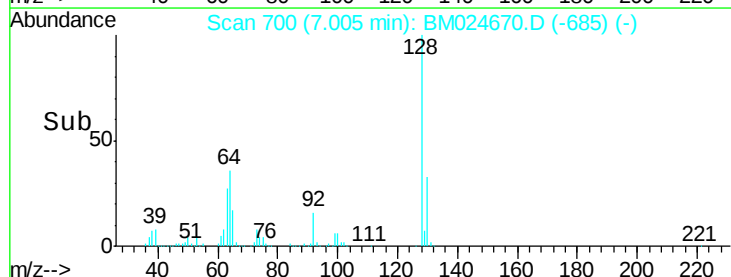
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	36.2	26.1	66.1



Abundance Ion 128.00 (127.70 to 128.70): BM024670.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024670.D (-685) (-)

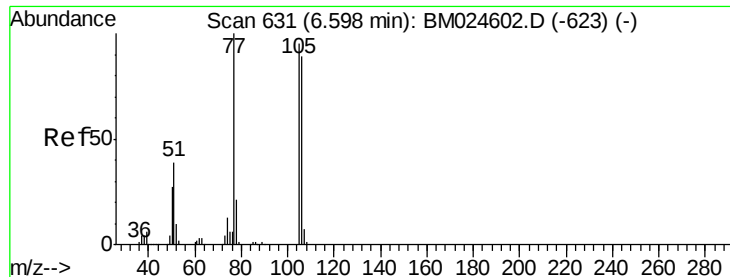
Ion 64.00 (63.70 to 64.70): BM024670.D (-685) (-)



Abundance Ion 128.00 (127.70 to 128.70): BM024670.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024670.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024670.D (-685) (-)



#9

Benzaldehyde

Concen: 29.439 ng

RT: 6.58 min Scan# 628

Delta R.T. -0.02 min

Lab File: BM024670.D

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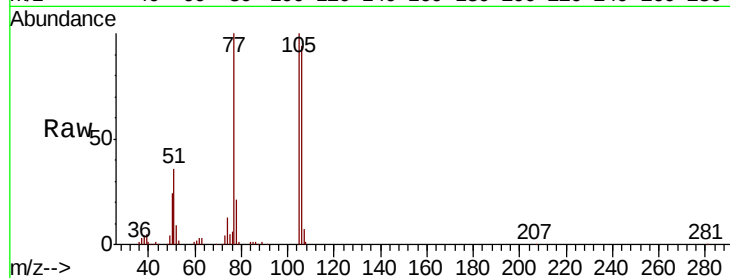
Tot Ion: 77 Resp: 215774

Ion Ratio Lower Upper

77 100

105 100.0 75.2 115.2

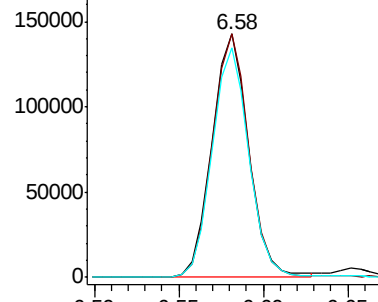
106 94.3 68.6 108.6



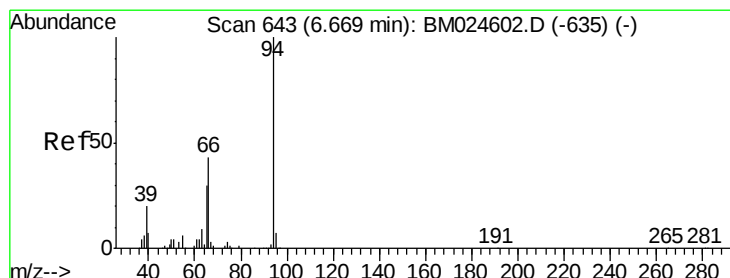
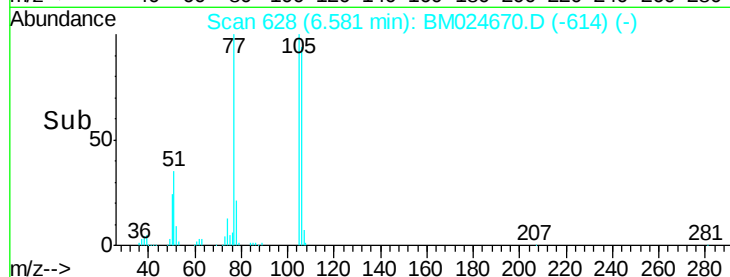
Abundance Ion 77.00 (76.70 to 77.70): BM024670.D (-614) (-)

Ion 105.00 (104.70 to 105.70): BM024670.D (-614) (-)

Ion 106.00 (105.70 to 106.70): BM024670.D (-614) (-)



Time-->



#10

Phenol

Concen: 44.566 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

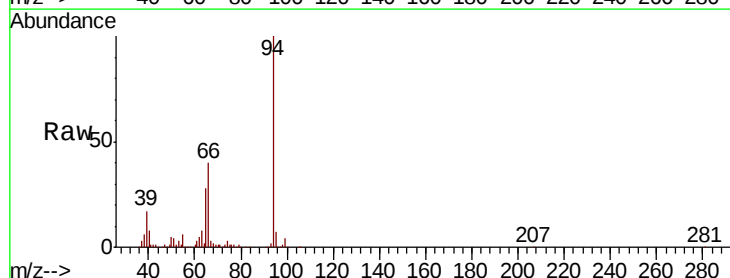
Tgt Ion: 94 Resp: 551059

Ion Ratio Lower Upper

94 100

65 27.6 10.3 50.3

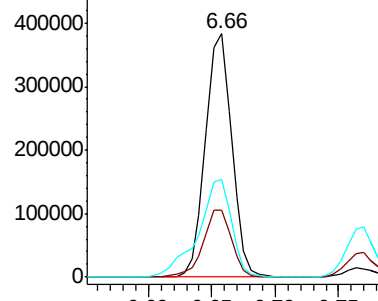
66 40.1 24.8 64.8



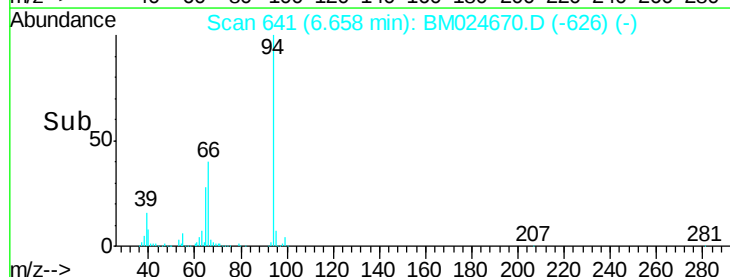
Abundance Ion 94.00 (93.70 to 94.70): BM024670.D (-626) (-)

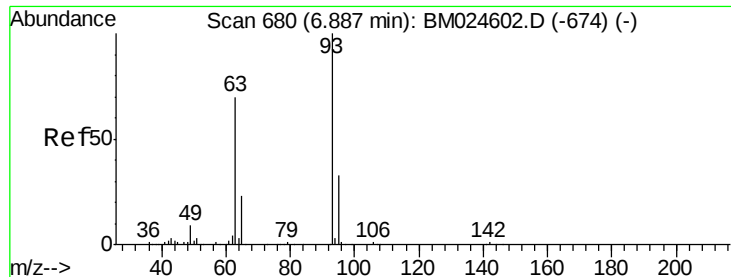
Ion 65.00 (64.70 to 65.70): BM024670.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM024670.D (-626) (-)



Time-->

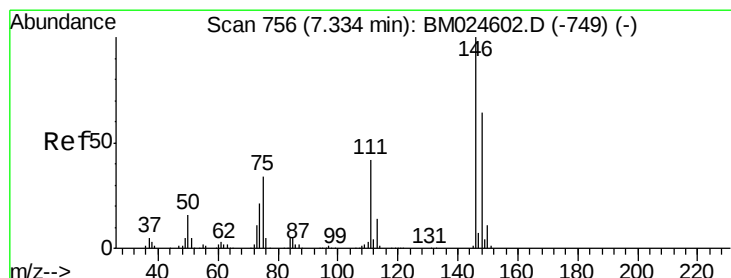
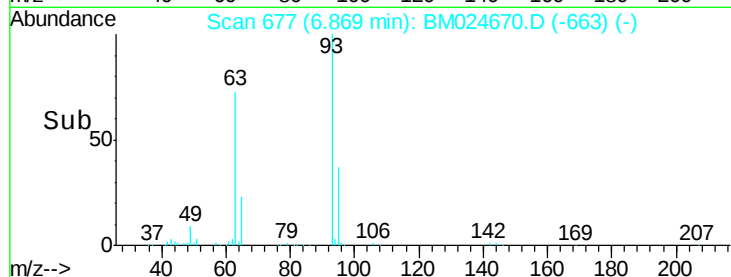
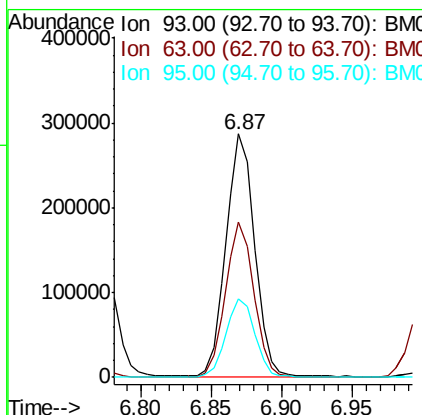
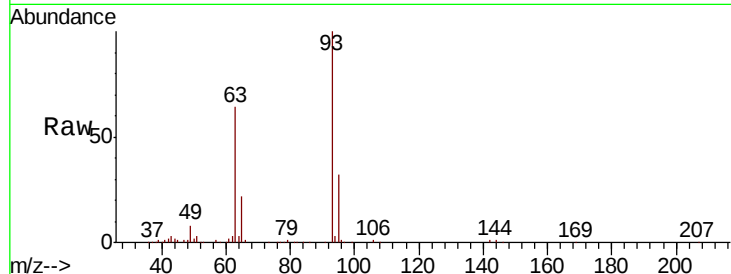




#11
bis(2-Chloroethyl)ether
Concen: 40.619 ng
RT: 6.87 min Scan# 677
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

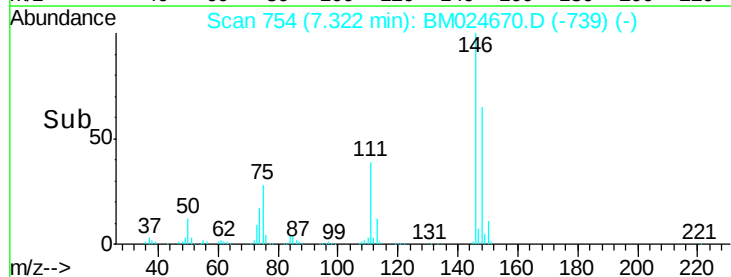
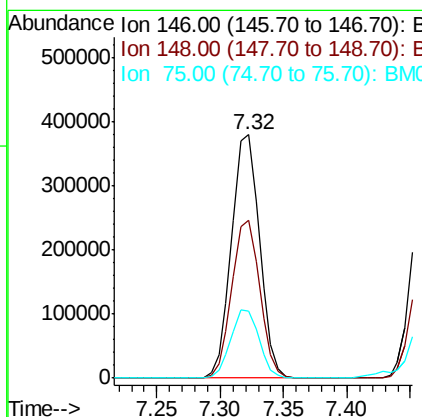
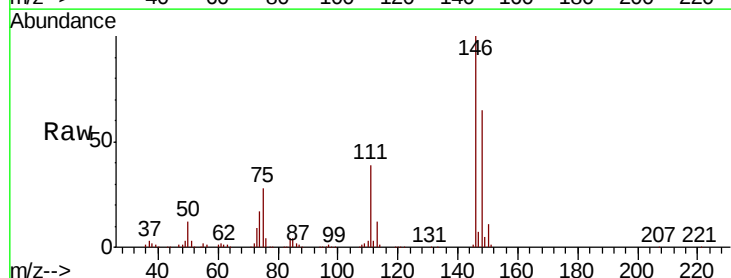
Instrument :
BNA_M
ClientSampleId :

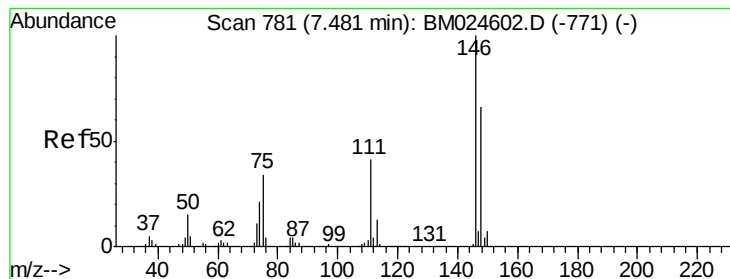
Tot Ion	Ratio	Lower	Upper
93	100		
63	63.7	49.6	89.6
95	32.5	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 46.402 ng
RT: 7.32 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.0	76.6
75	27.7	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 46.015 ng

RT: 7.46 min Scan# 778

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampled :

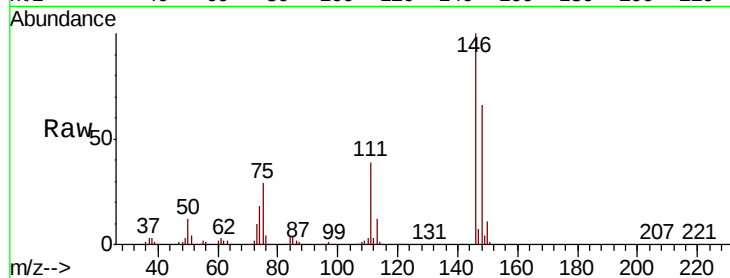
Tot Ion:146 Resp: 587873

Ion Ratio Lower Upper

146 100

148 65.6 52.5 78.7

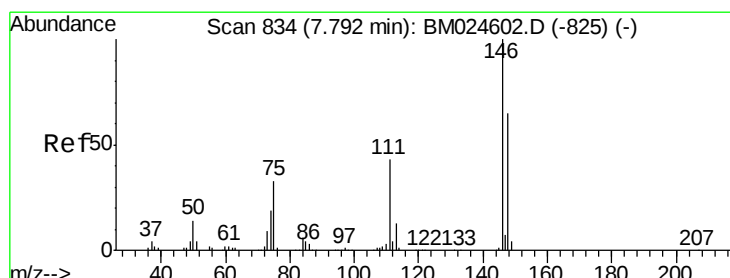
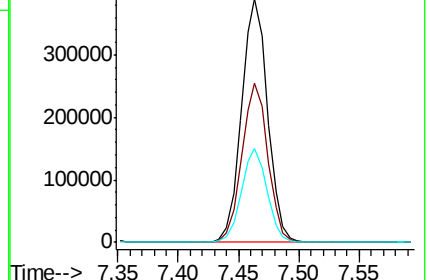
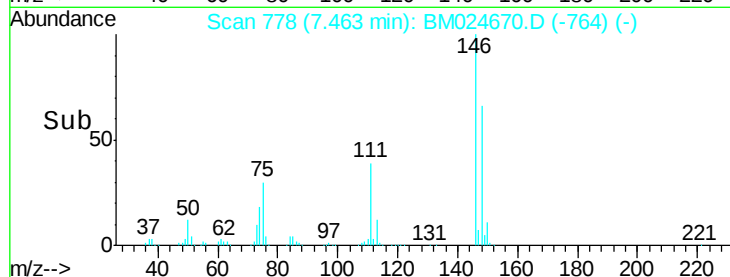
111 38.7 33.0 49.4



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: 45.726 ng

RT: 7.78 min Scan# 831

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

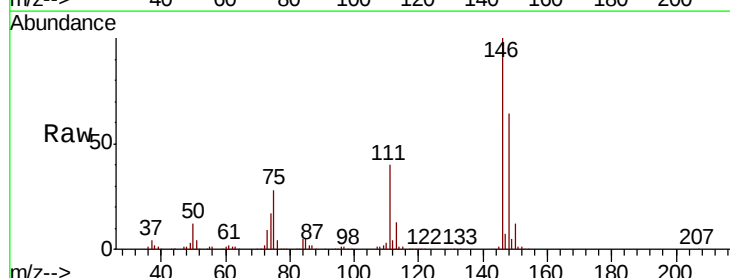
Tgt Ion:146 Resp: 563885

Ion Ratio Lower Upper

146 100

148 63.5 51.9 77.9

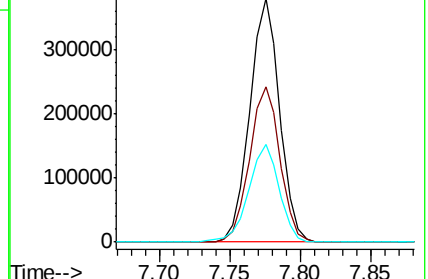
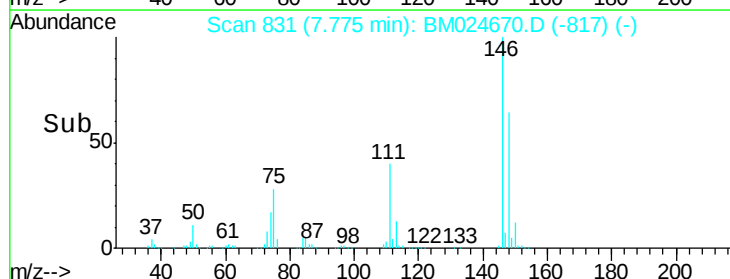
111 39.9 34.5 51.7

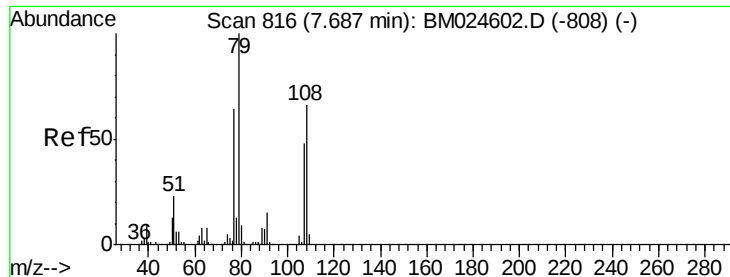


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.835 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampled :

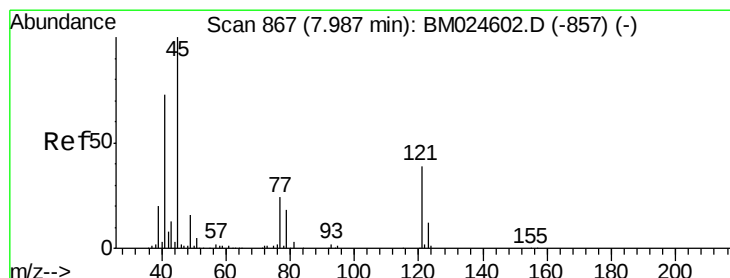
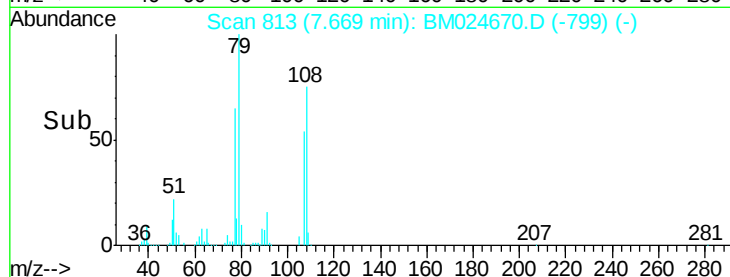
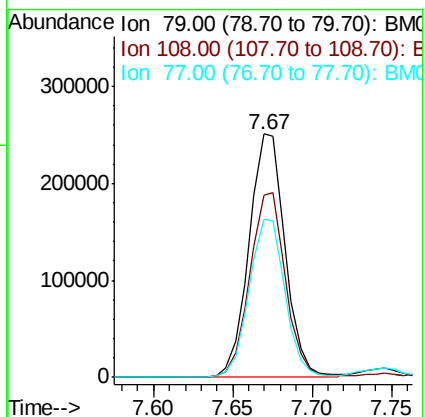
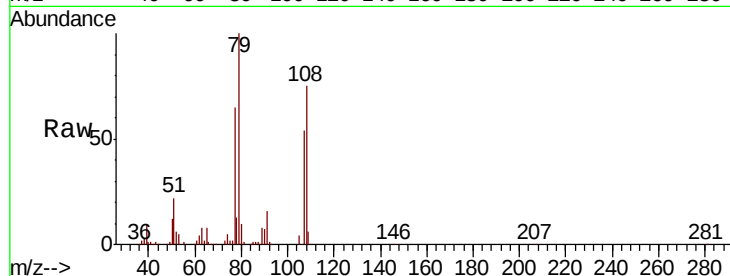
Tot Ion: 79 Resp: 397181

Ion Ratio Lower Upper

79 100

108 75.0 53.0 79.4

77 65.0 50.8 76.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.060 ng

RT: 7.96 min Scan# 863

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

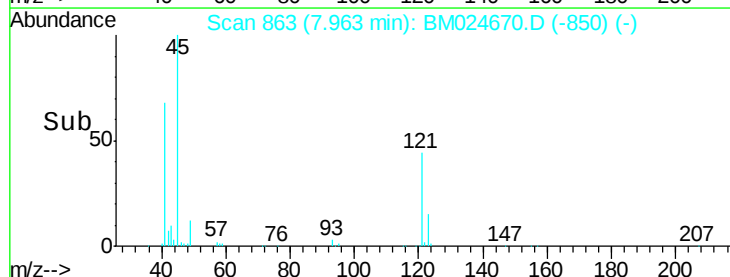
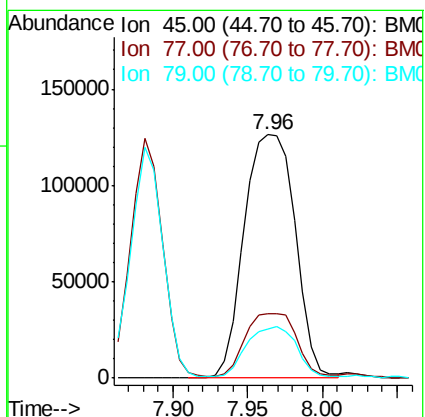
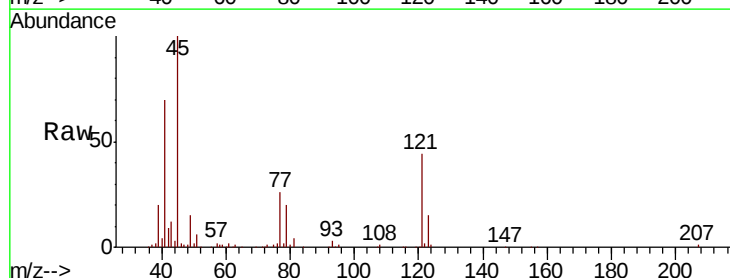
Tgt Ion: 45 Resp: 299591

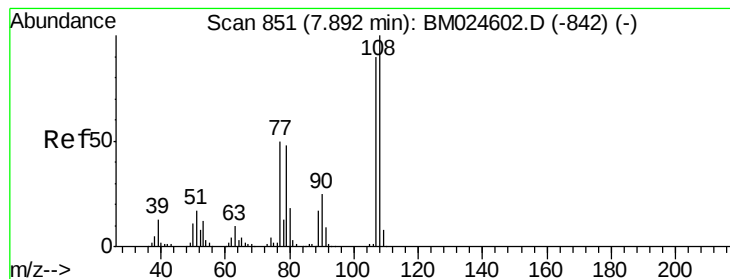
Ion Ratio Lower Upper

45 100

77 26.3 5.2 45.2

79 20.1 0.0 39.4





#17

2-Methylphenol

Concen: 42.597 ng

RT: 7.88 min Scan# 849

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 371178

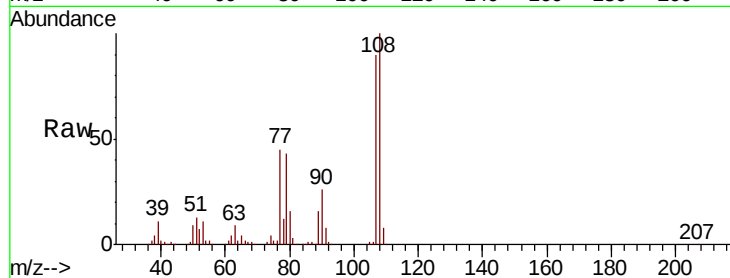
Ion Ratio Lower Upper

107 100

108 111.6 88.9 133.3

77 50.3 44.5 66.7

79 48.5 42.9 64.3

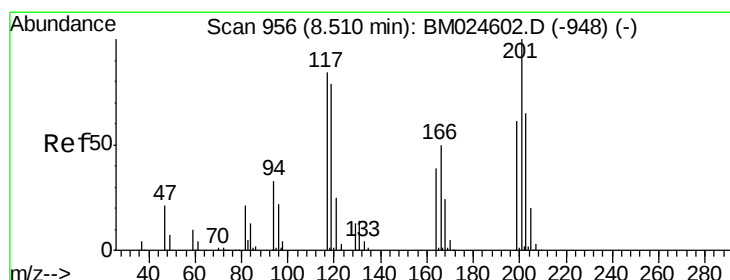
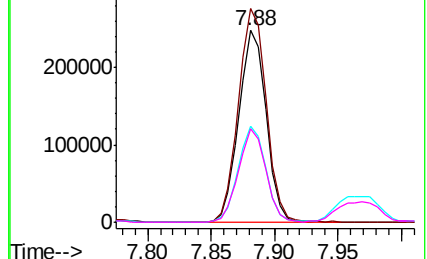
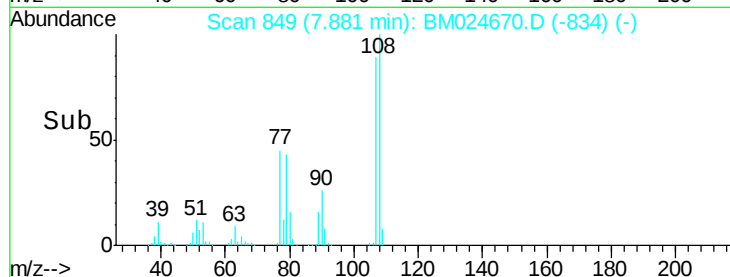


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 41.955 ng

RT: 8.49 min Scan# 953

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

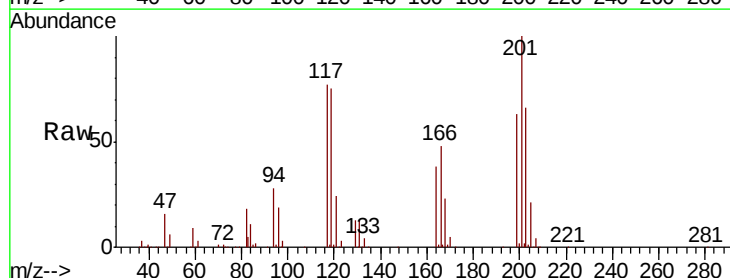
Tgt Ion:117 Resp: 206976

Ion Ratio Lower Upper

117 100

119 97.6 75.4 113.2

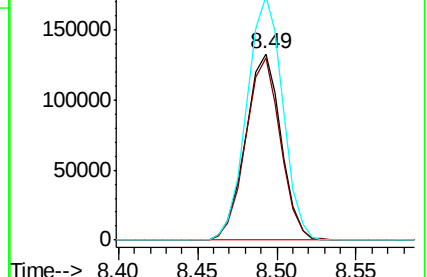
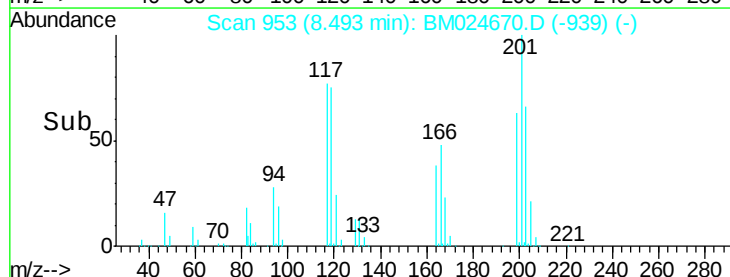
201 130.6 95.8 143.6

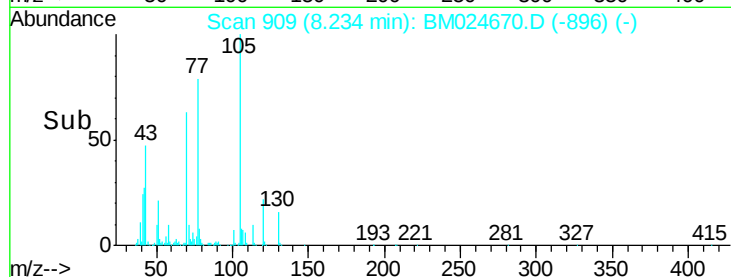
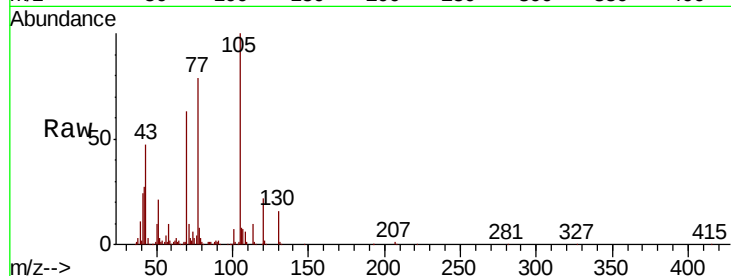
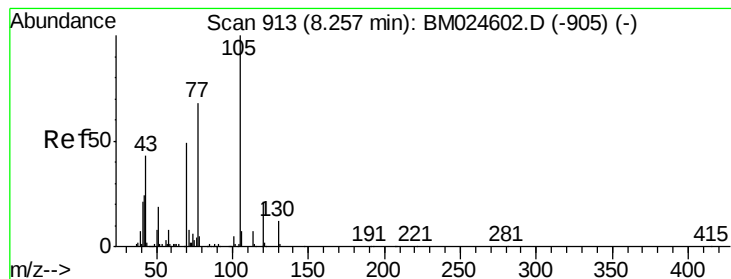


Abundance Ion 117.00 (116.70 to 117.70): E

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: 33.822 ng

RT: 8.23 min Scan# 909

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 315001

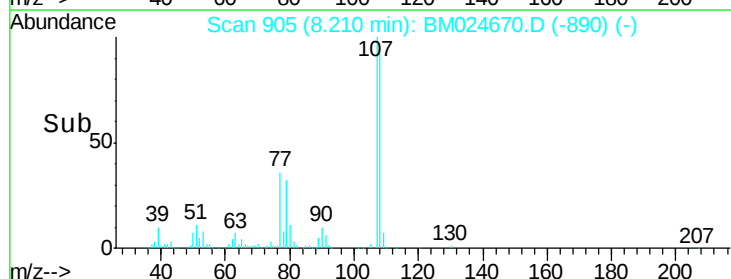
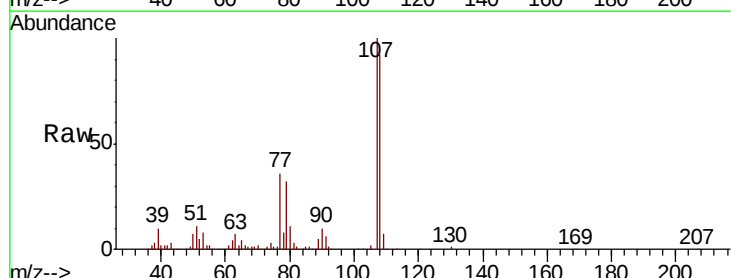
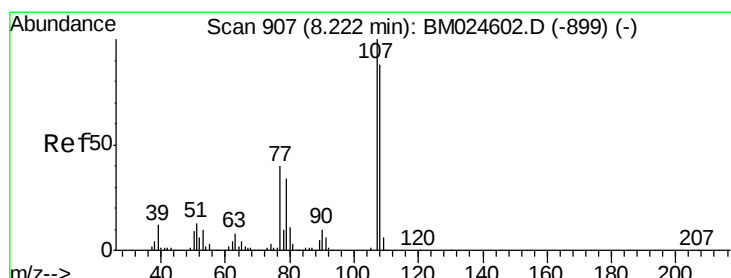
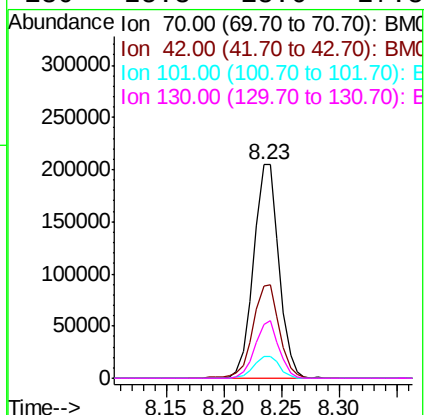
Ion Ratio Lower Upper

70 100

42 43.3 40.0 60.0

101 10.3 8.2 12.2

130 25.3 18.6 27.8



#20

3+4-Methylphenols

Concen: 41.377 ng

RT: 8.21 min Scan# 905

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion:107 Resp: 499085

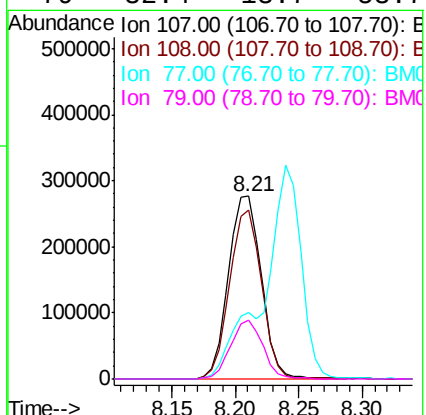
Ion Ratio Lower Upper

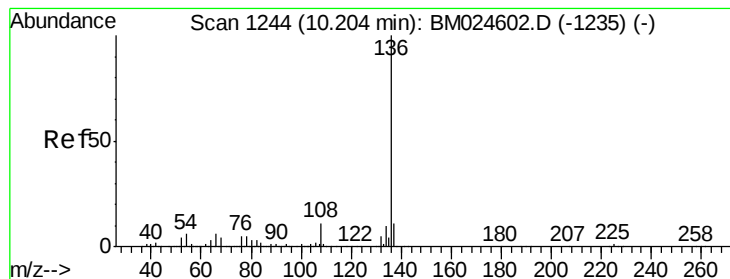
107 100

108 92.2 68.0 108.0

77 36.2 19.9 59.9

79 32.4 13.7 53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 612196

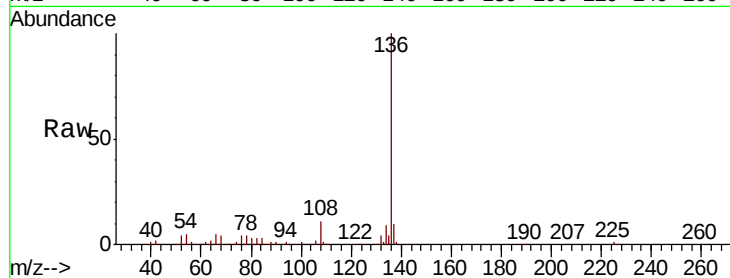
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 4.8 4.5 6.7

68 4.2 3.4 5.0

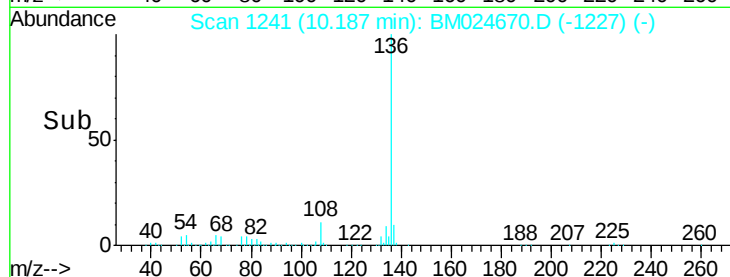


Abundance Ion 136.00 (135.70 to 136.70): E

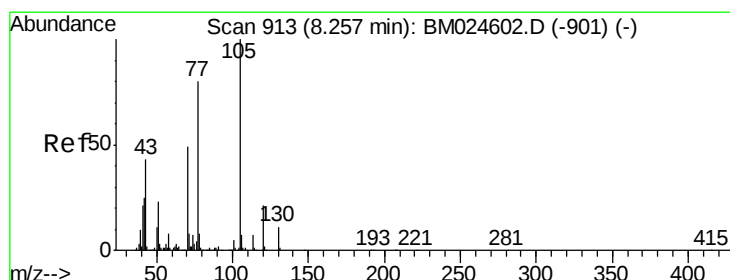
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#22

Acetophenone

Concen: 41.803 ng

RT: 8.24 min Scan# 910

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion:105 Resp: 659891

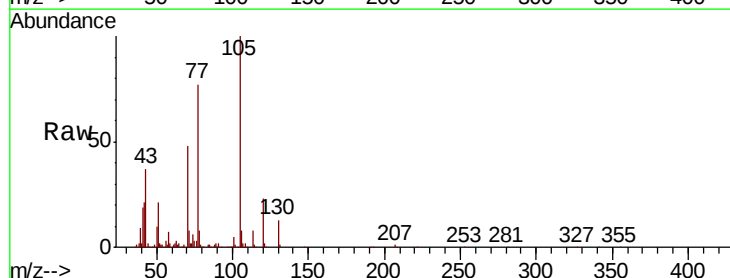
Ion Ratio Lower Upper

105 100

71 8.2 6.7 10.1

51 21.3 18.5 27.7

120 23.2 16.6 25.0

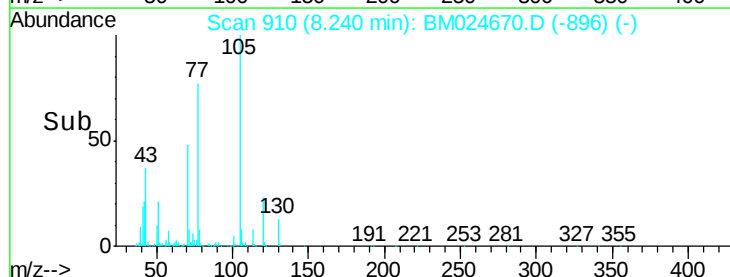


Abundance Ion 105.00 (104.70 to 105.70): E

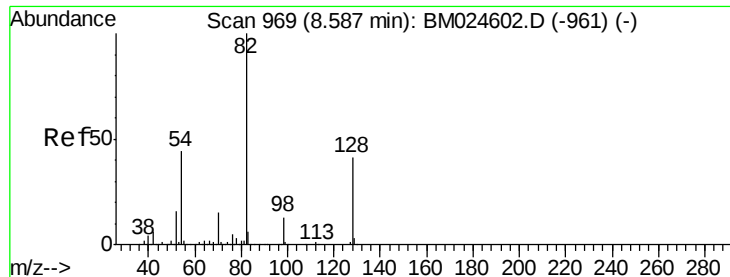
Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



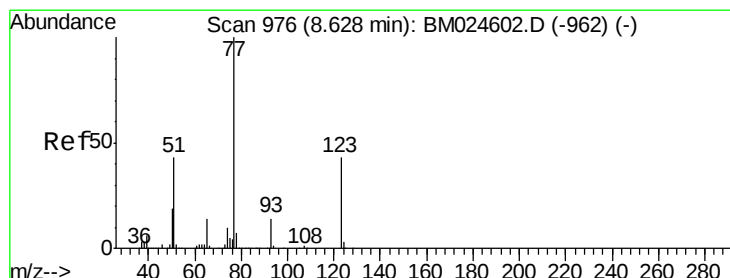
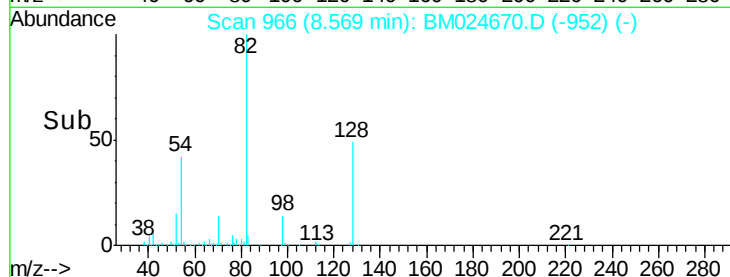
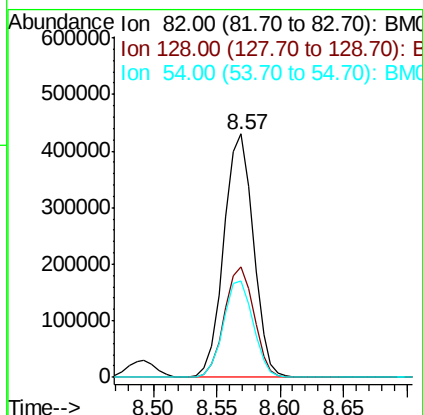
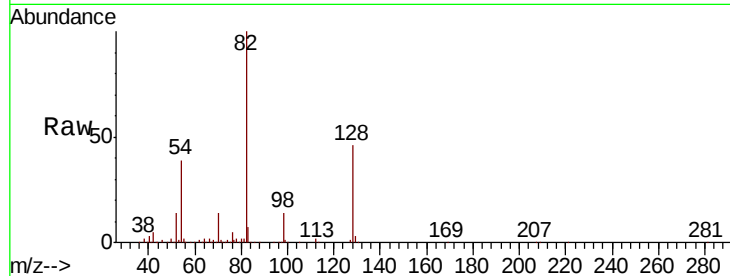
Time-->



#23
 Nitrobenzene-d5
 Concen: 55.473 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

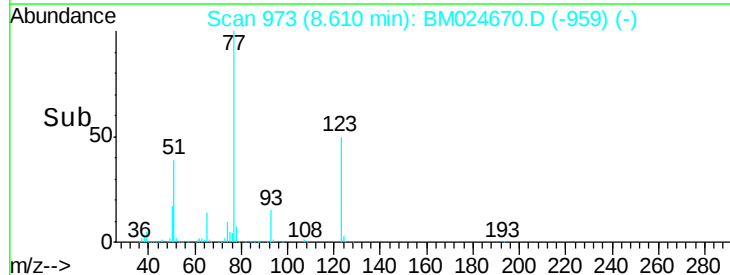
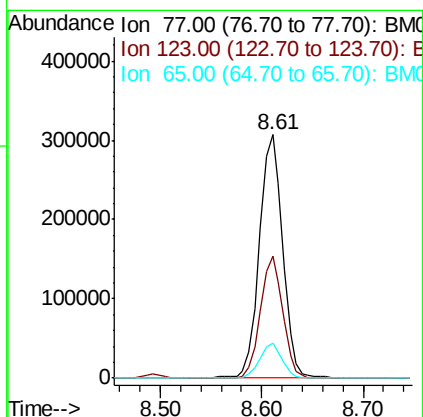
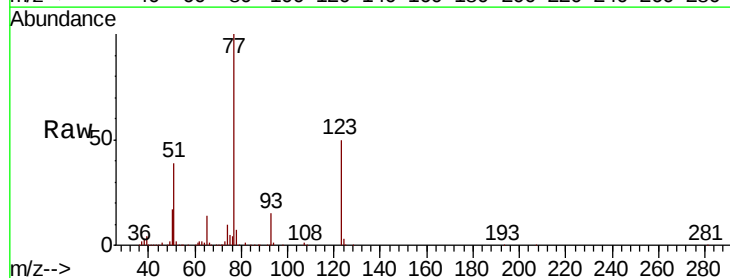
Instrument :
 BNA_M
 ClientSampled :

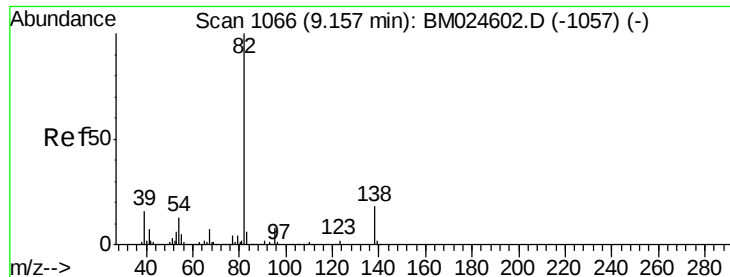
Tot Ion	82	Resp	692485
Ion Ratio	100	Lower	Upper
128	45.6	32.6	48.8
54	39.4	34.8	52.2



#24
 Nitrobenzene
 Concen: 40.703 ng
 RT: 8.61 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Tgt Ion	77	Resp	486918
Ion Ratio	100	Lower	Upper
123	49.9	34.6	52.0
65	14.1	11.0	16.4





#25

Isophorone

Concen: 40.277 ng

RT: 9.14 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

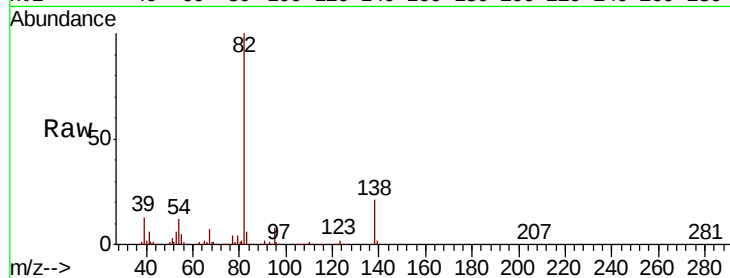
Tot Ion: 82 Resp: 854306

Ion Ratio Lower Upper

82 100

95 8.3 6.7 10.1

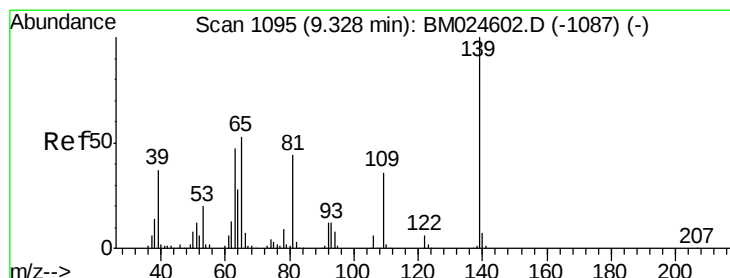
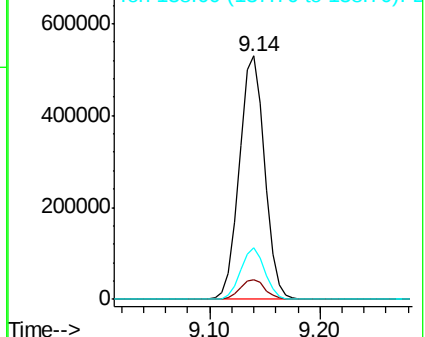
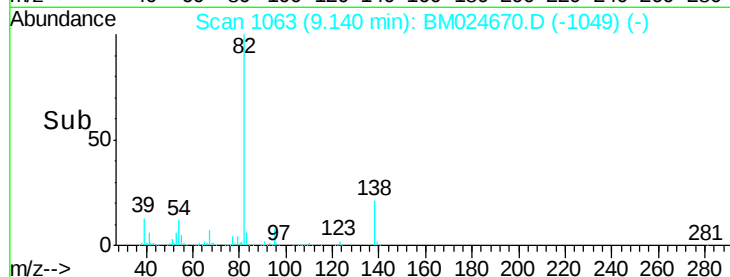
138 21.1 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024670.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BM024670.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BM024670.D (-1049) (-)



#26

2-Nitrophenol

Concen: 49.942 ng

RT: 9.31 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

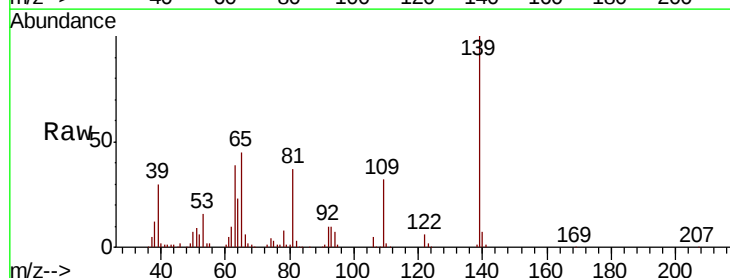
Tgt Ion: 139 Resp: 276643

Ion Ratio Lower Upper

139 100

109 31.9 28.8 43.2

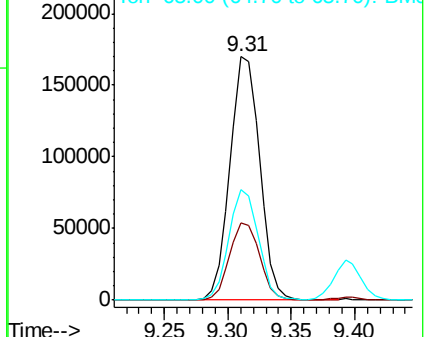
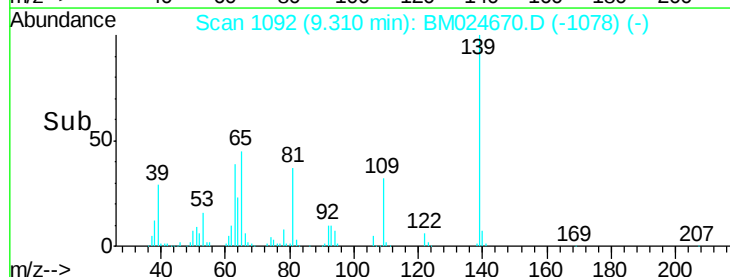
65 45.3 42.6 63.8

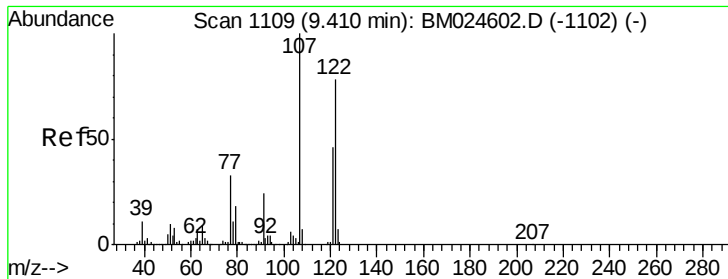


Abundance Ion 139.00 (138.70 to 139.70): BM024670.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM024670.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM024670.D (-1078) (-)

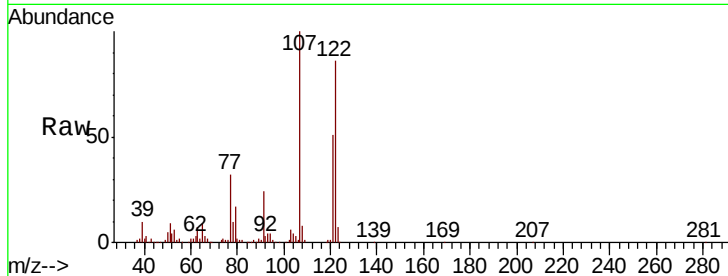




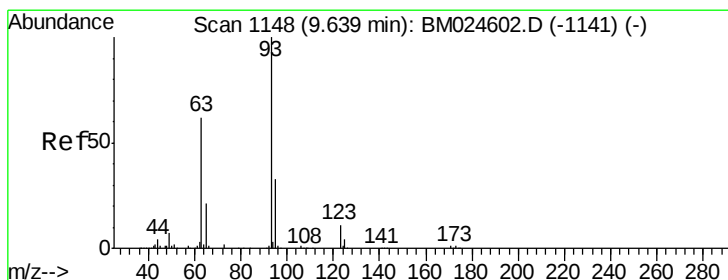
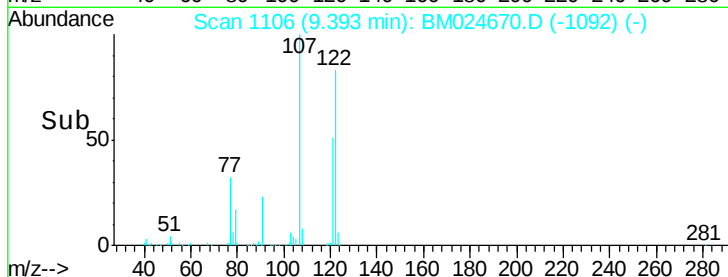
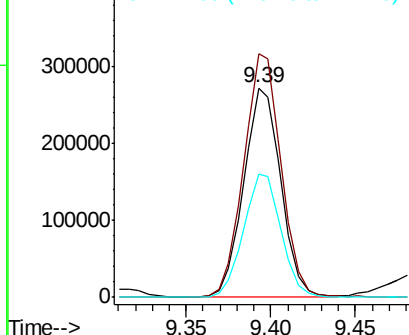
#27
 2,4-Dimethylphenol
 Concen: 55.140 ng
 RT: 9.39 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	102.5	153.7
121	58.7	47.0	70.4

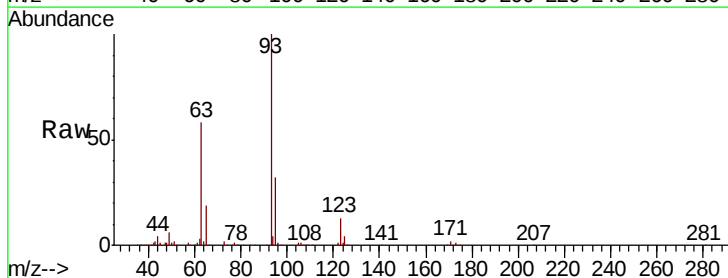


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

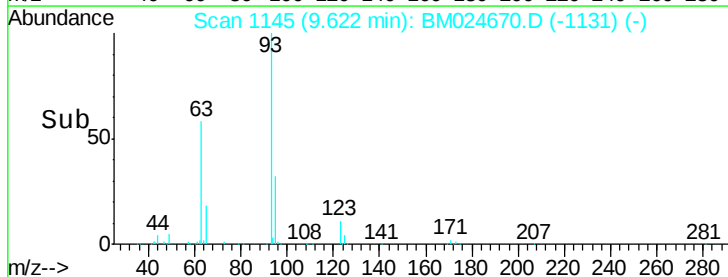
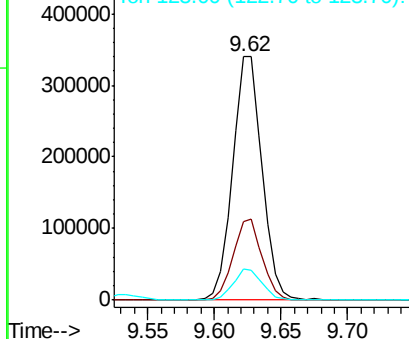


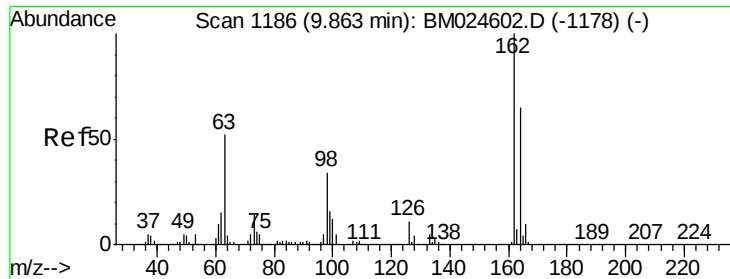
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.262 ng
 RT: 9.62 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.1	39.1
123	12.6	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

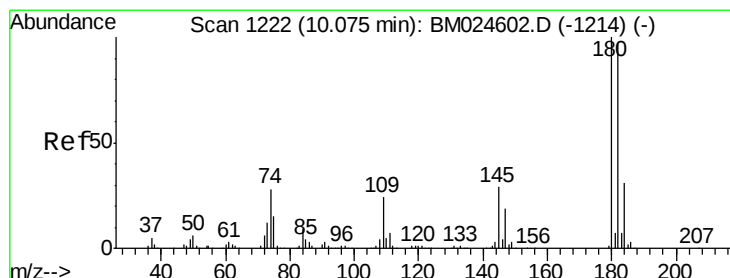
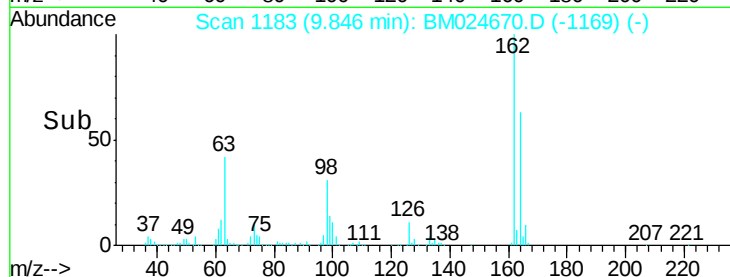
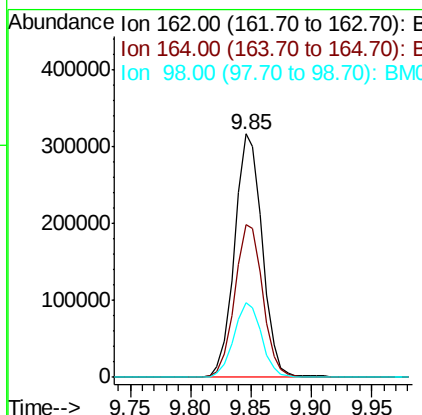
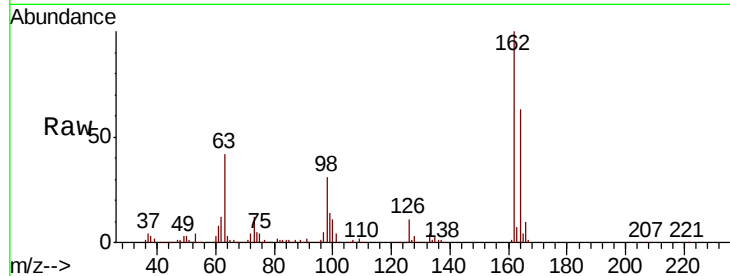




#29
 2,4-Dichlorophenol
 Concen: 49.936 ng
 RT: 9.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

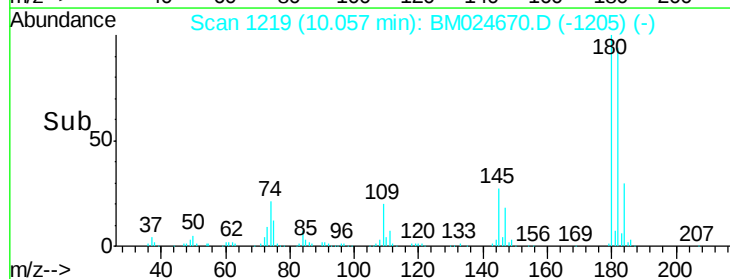
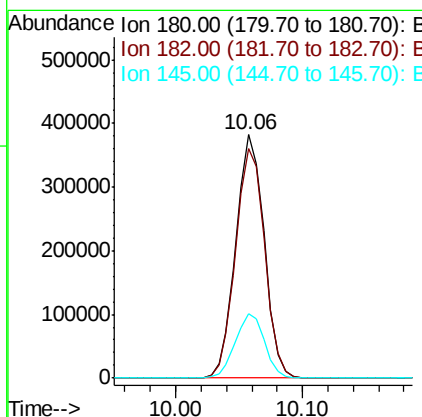
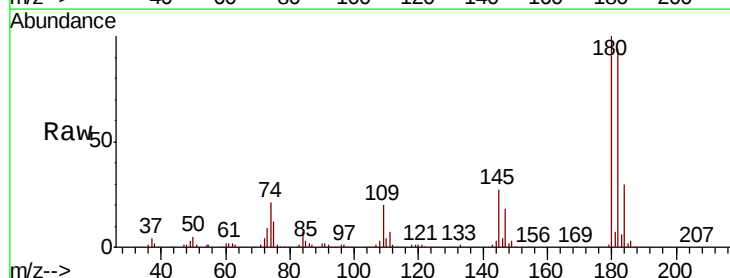
Instrument :
 BNA_M
 ClientSampleId :

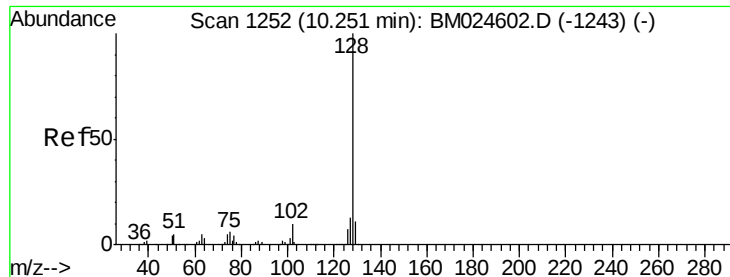
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.5	84.5
98	30.6	14.2	54.2



#30
 1,2,4-Trichlorobenzene
 Concen: 48.423 ng
 RT: 10.06 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.8	116.6
145	26.7	22.9	34.3

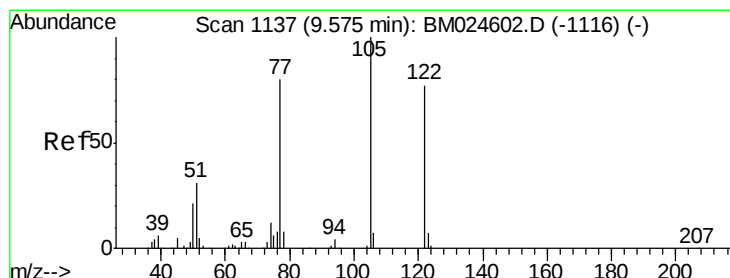
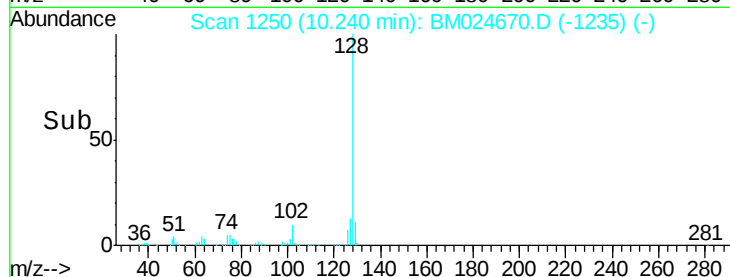
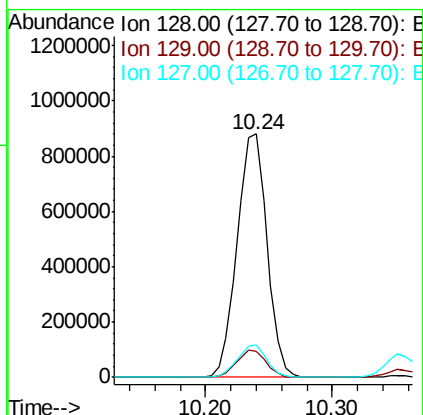
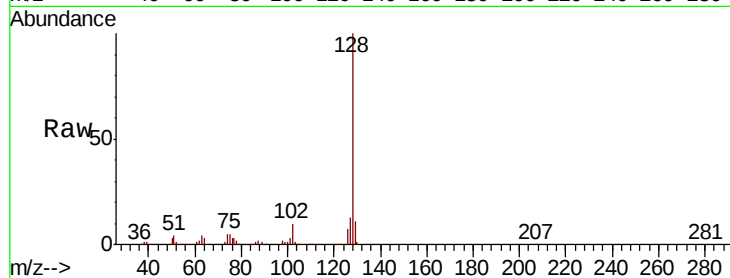




#31
Naphthalene
Concen: 46.500 ng
RT: 10.24 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

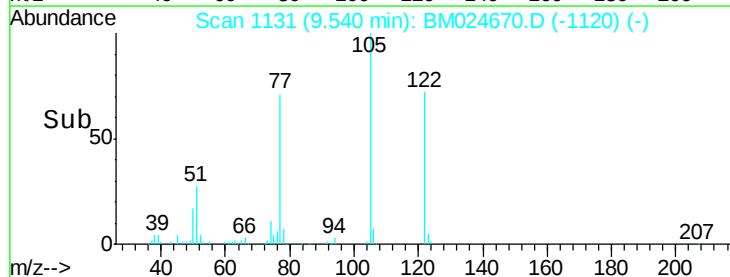
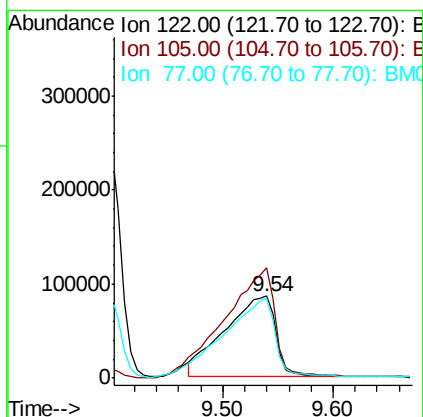
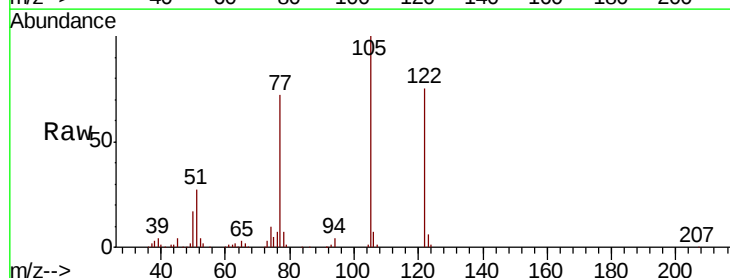
Instrument :
BNA_M
ClientSampleId :

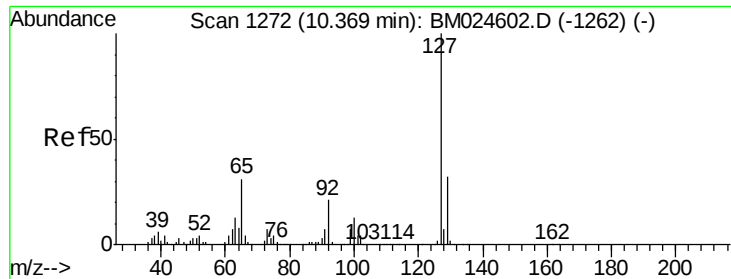
Tot Ion:128 Resp: 1437793
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 39.965 ng
RT: 9.54 min Scan# 1131
Delta R.T. -0.03 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion:122 Resp: 275186
Ion Ratio Lower Upper
122 100
105 133.8 107.7 147.7
77 96.7 83.8 123.8

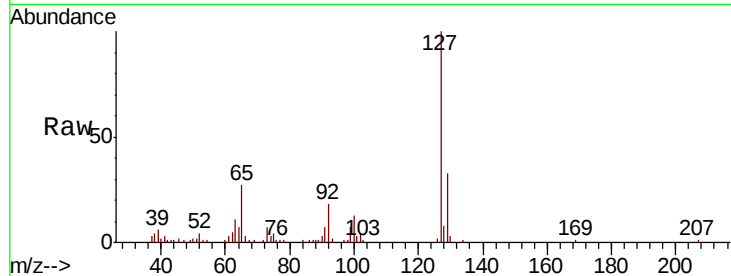




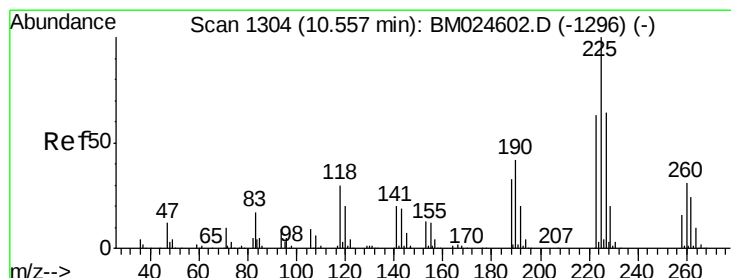
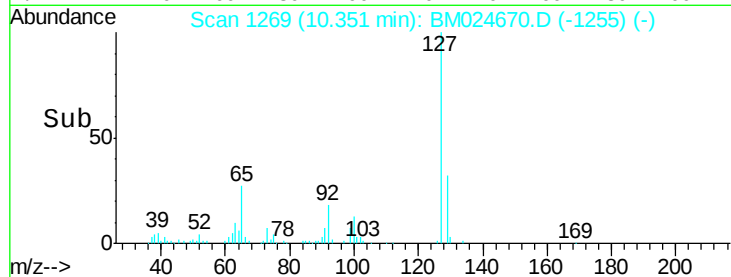
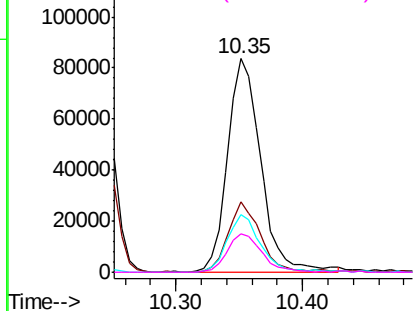
#33
4-Chloroaniline
Concen: 11.225 ng
RT: 10.35 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	152130
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	26.7	25.1	37.7
92	18.1	16.6	25.0

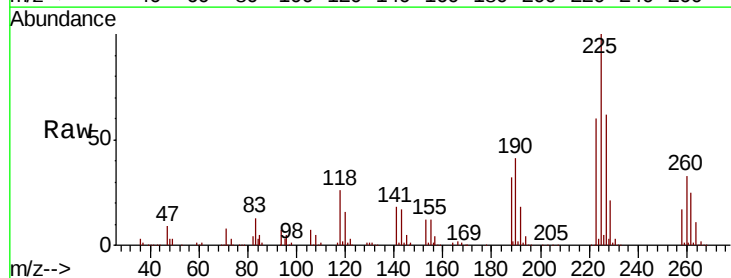


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

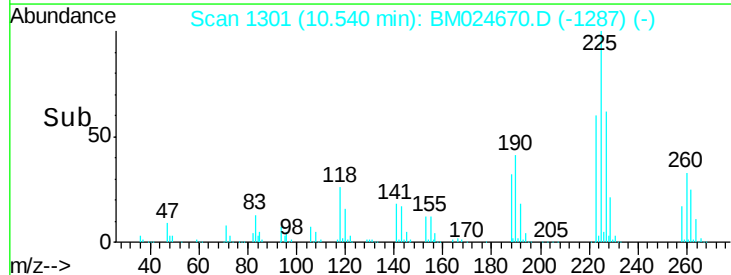
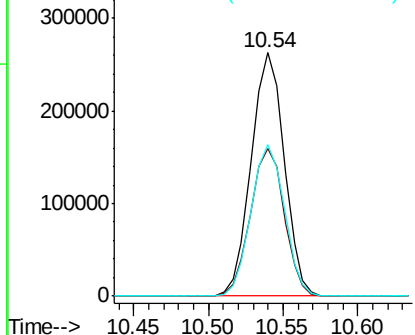


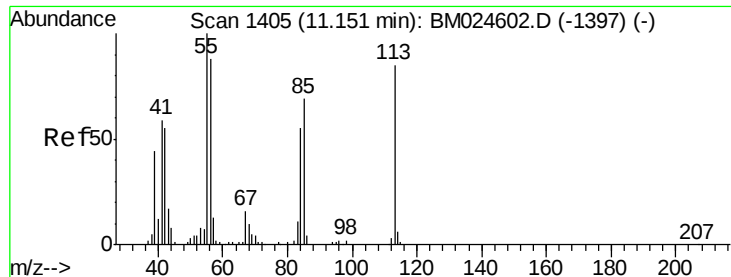
#34
Hexachlorobutadiene
Concen: 47.432 ng
RT: 10.54 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion:	225	Resp:	402156
Ion	Ratio	Lower	Upper
225	100		
223	60.4	50.7	76.1
227	62.0	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: 40.838 ng

RT: 11.12 min Scan# 1400

Delta R.T. -0.03 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

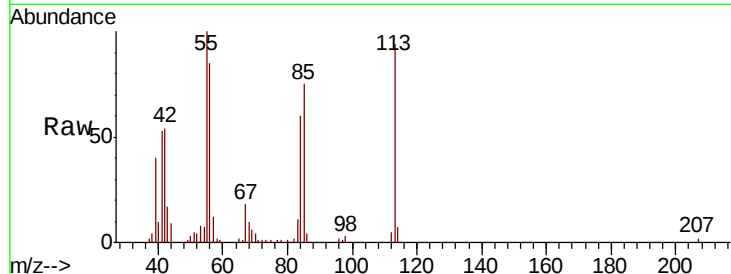
Tot Ion:113 Resp: 133241

Ion Ratio Lower Upper

113 100

55 106.5 97.5 137.5

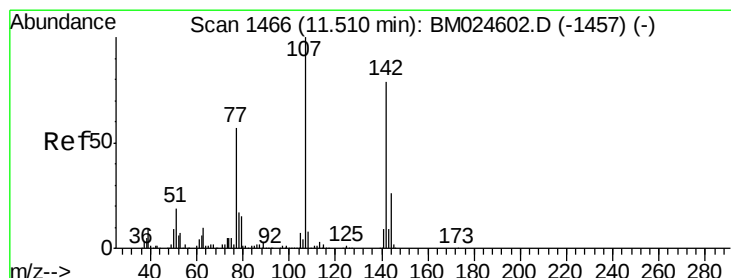
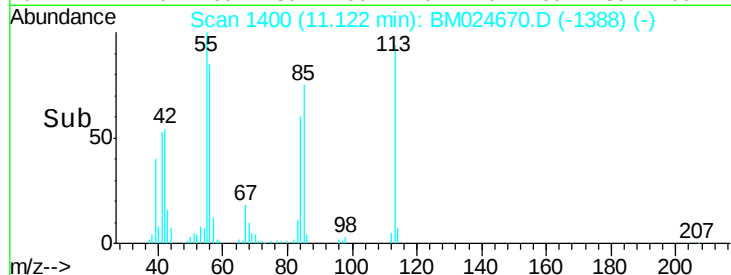
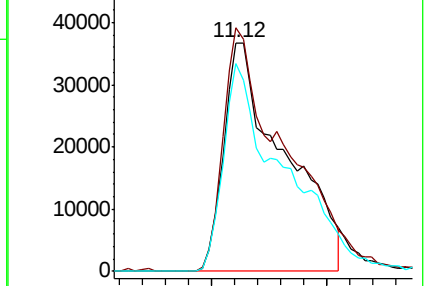
56 90.8 83.4 123.4



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: 41.582 ng

RT: 11.50 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

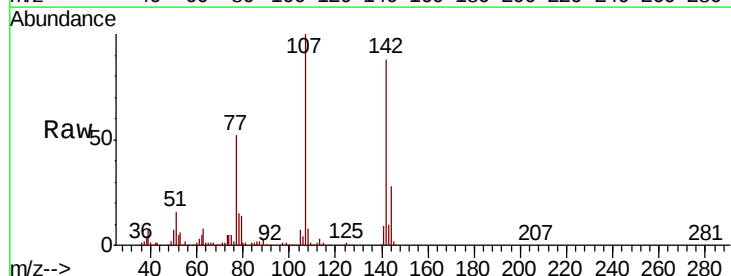
Tgt Ion:107 Resp: 449660

Ion Ratio Lower Upper

107 100

144 27.7 20.5 30.7

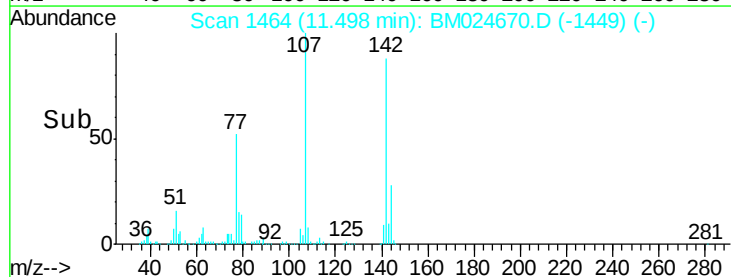
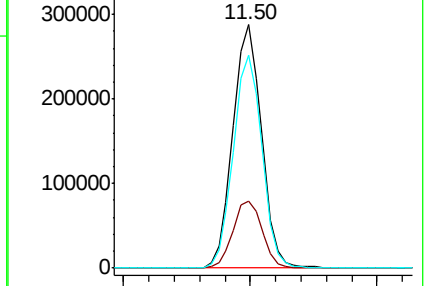
142 87.6 62.8 94.2

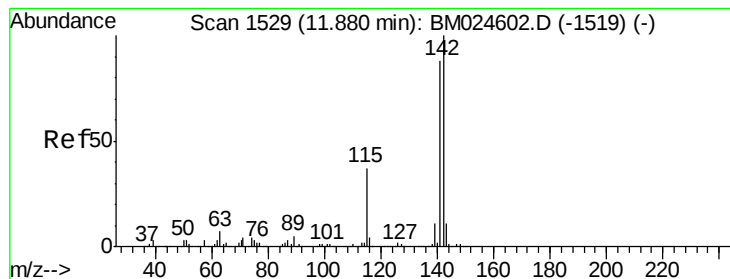


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.484 ng

RT: 11.86 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

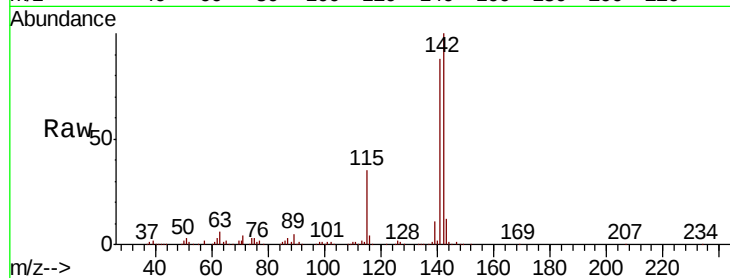
Tot Ion:142 Resp: 1085329

Ion Ratio Lower Upper

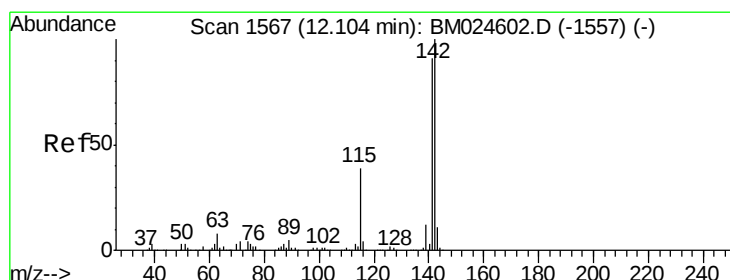
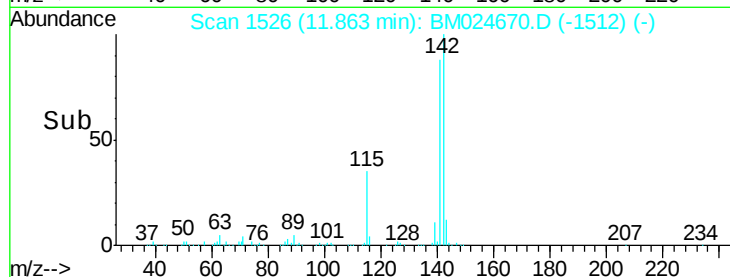
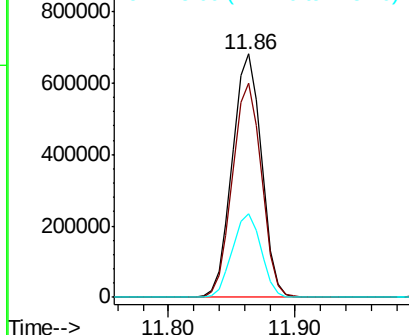
142 100

141 88.2 70.2 105.2

115 34.6 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



#38

1-Methylnaphthalene

Concen: 45.356 ng

RT: 12.09 min Scan# 1564

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

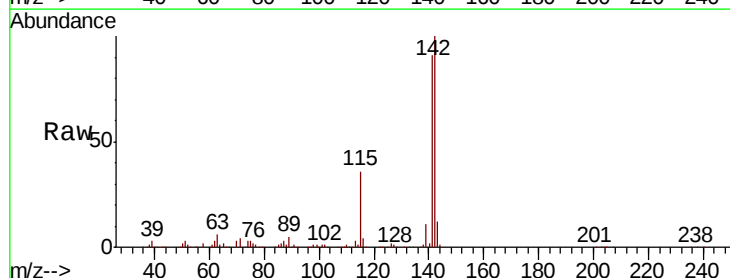
Tgt Ion:142 Resp: 1029492

Ion Ratio Lower Upper

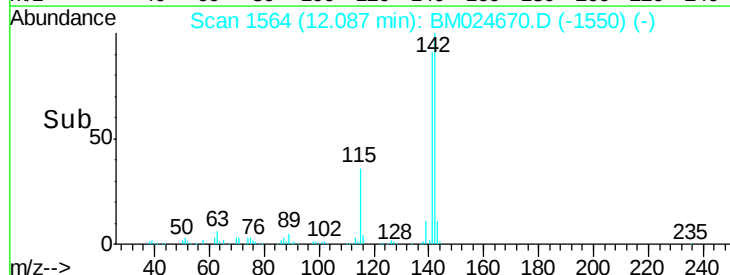
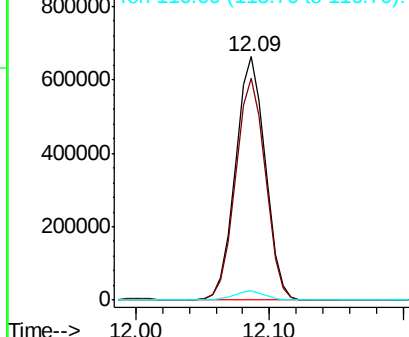
142 100

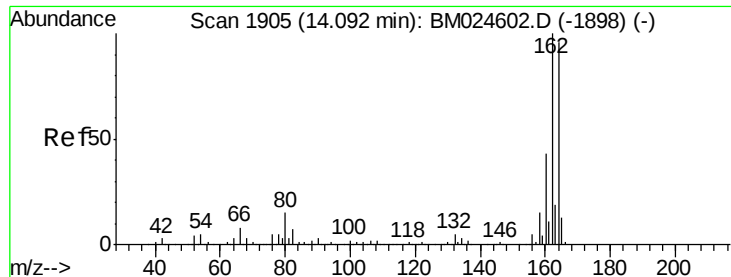
141 91.3 72.8 109.2

116 3.8 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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM024670.D

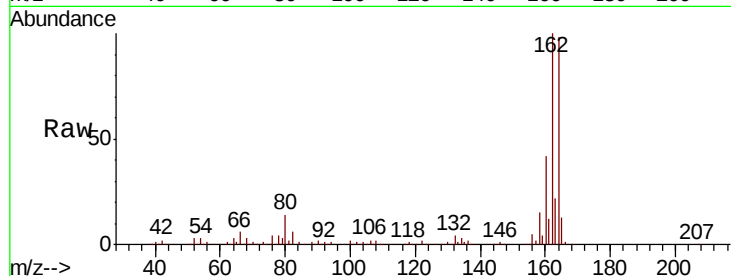
Acq: 30 Jan 2020 22:07

Instrument :

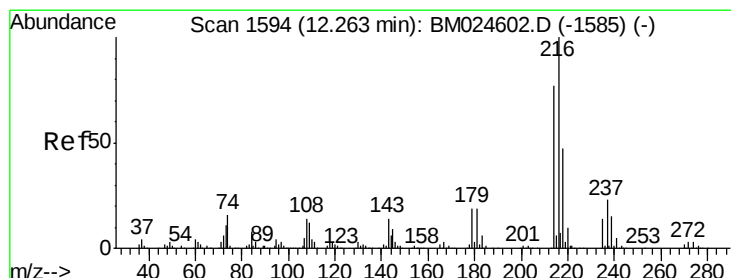
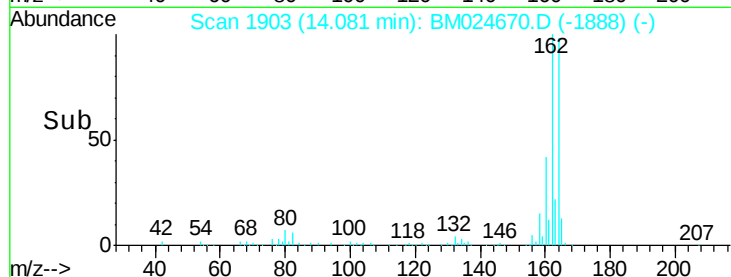
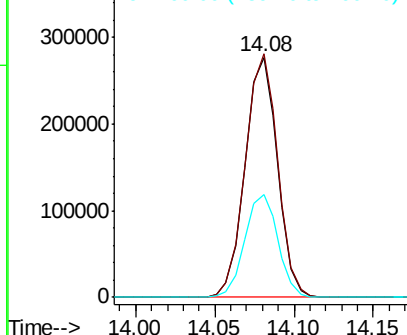
BNA_M

ClientSampleId :

Tot Ion:164	Resp:	392217
Ion Ratio	Lower	Upper
164	100	
162	101.5	82.9 124.3
160	42.8	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: 48.402 ng

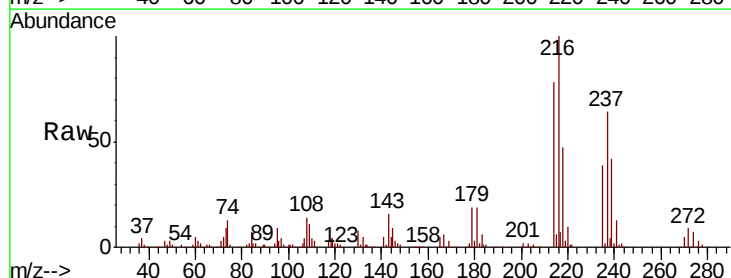
RT: 12.25 min Scan# 1591

Delta R.T. -0.02 min

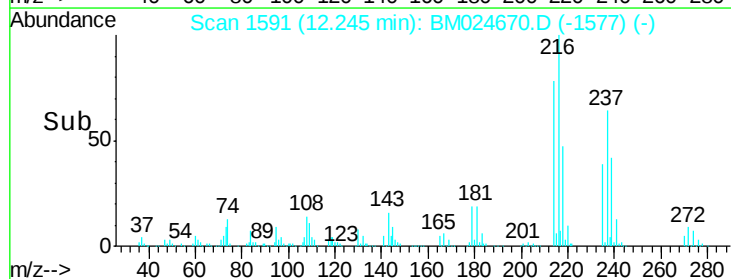
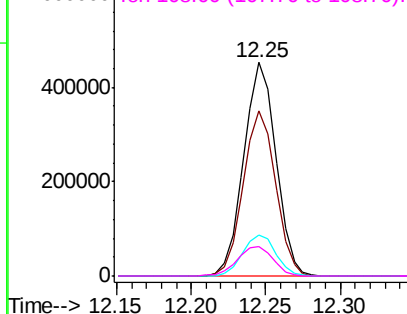
Lab File: BM024670.D

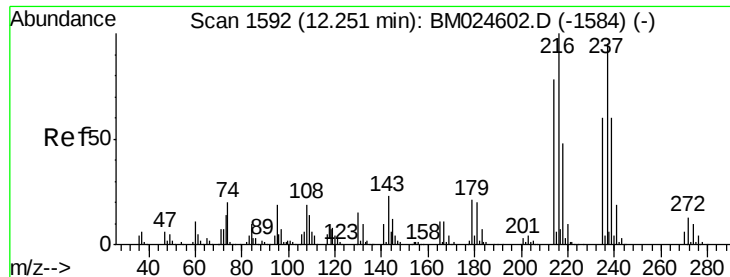
Acq: 30 Jan 2020 22:07

Tgt Ion:216	Resp:	677549
Ion Ratio	Lower	Upper
216	100	
214	77.8	62.3 93.5
179	19.8	16.1 24.1
108	15.5	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: 111.076 ng

RT: 12.23 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

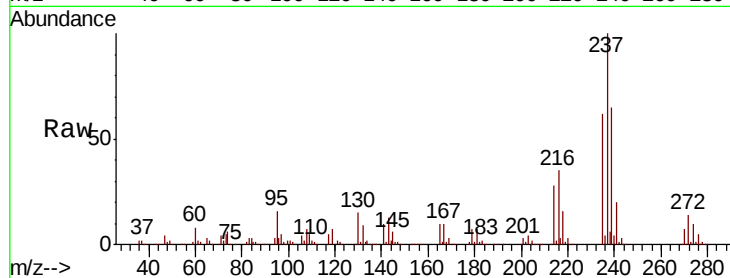
Tot Ion:237 Resp: 871526

Ion Ratio Lower Upper

237 100

235 62.4 43.3 83.3

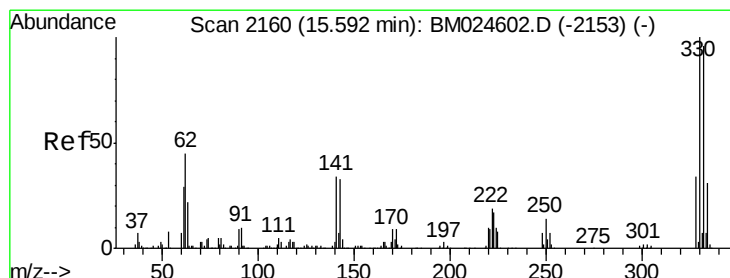
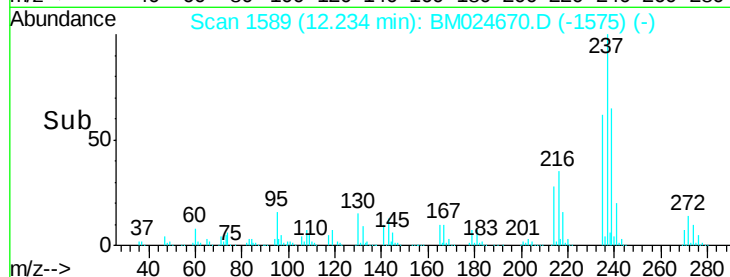
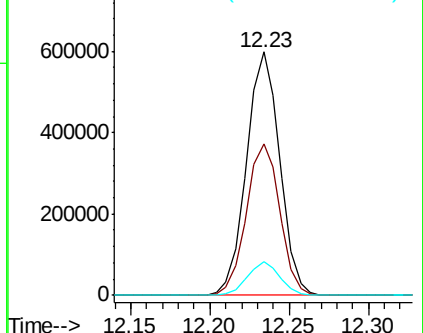
272 13.8 0.0 33.4



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: 100.650 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

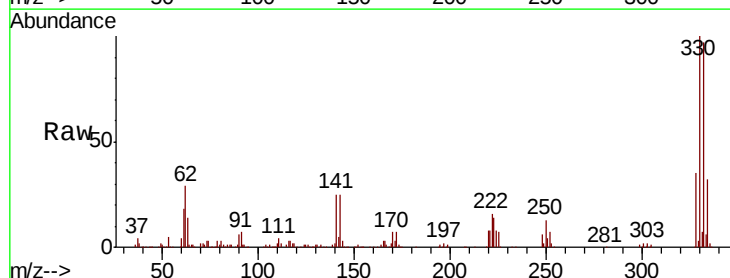
Tgt Ion:330 Resp: 642146

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

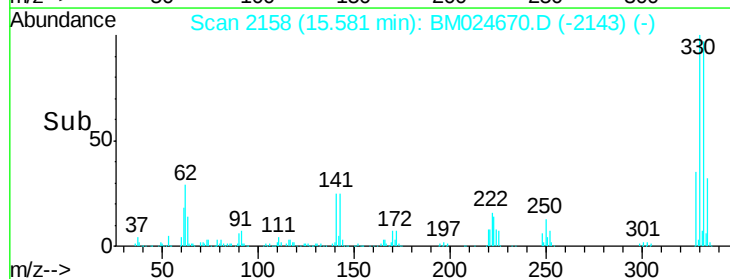
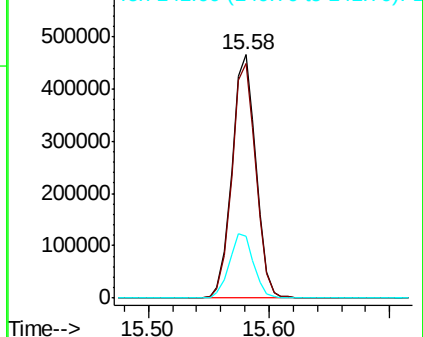
141 26.7 26.9 40.3#

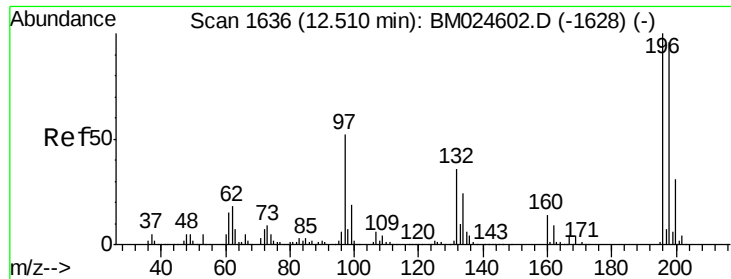


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

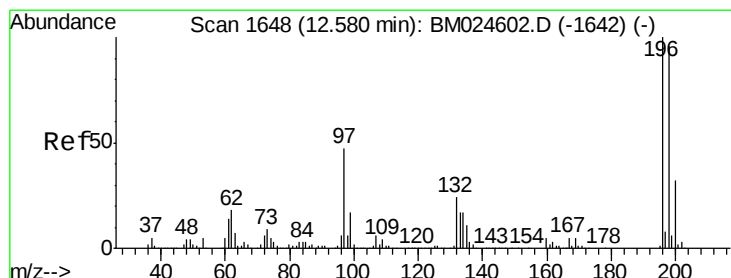
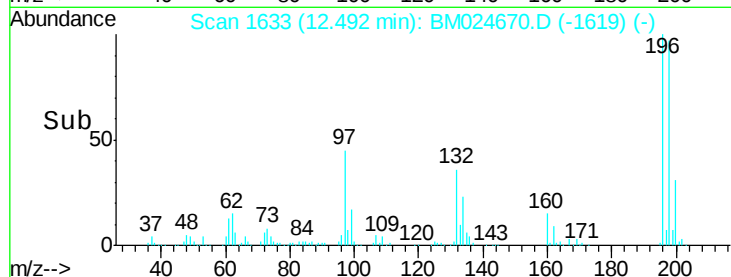
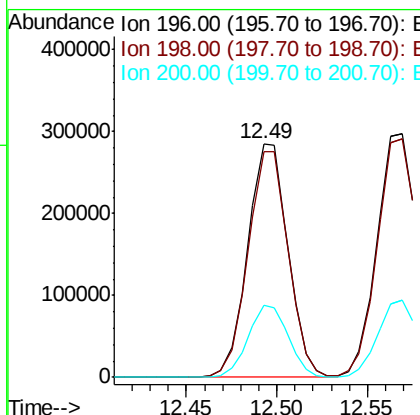
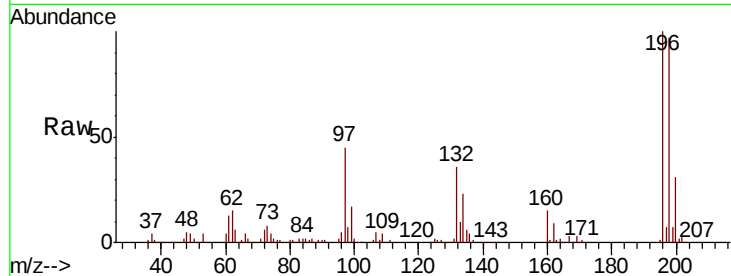




#43
 2,4,6-Trichlorophenol
 Concen: 49.428 ng
 RT: 12.49 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

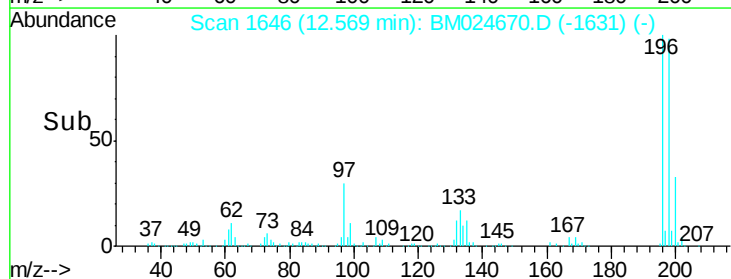
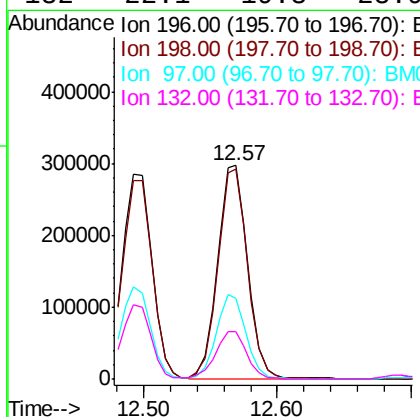
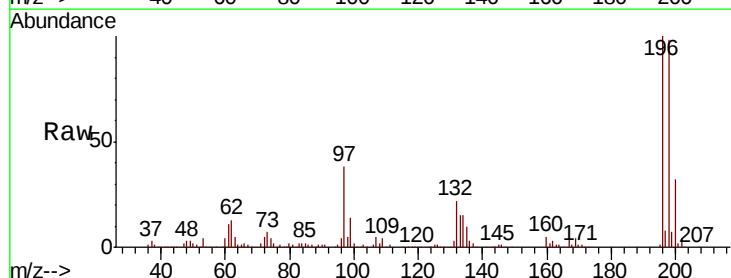
Instrument :
 BNA_M
 ClientSampled :

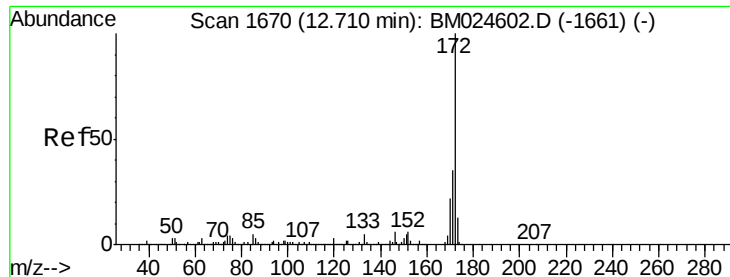
Tot Ion:196 Resp: 440301
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.5 114.7
 200 31.0 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 51.112 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Tgt Ion:196 Resp: 464984
 Ion Ratio Lower Upper
 196 100
 198 98.0 77.2 115.8
 97 37.9 37.4 56.0
 132 22.1 19.3 28.9

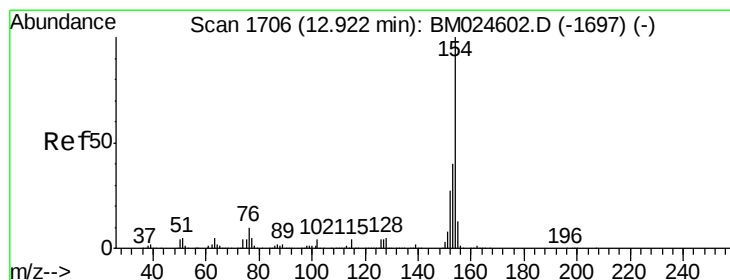
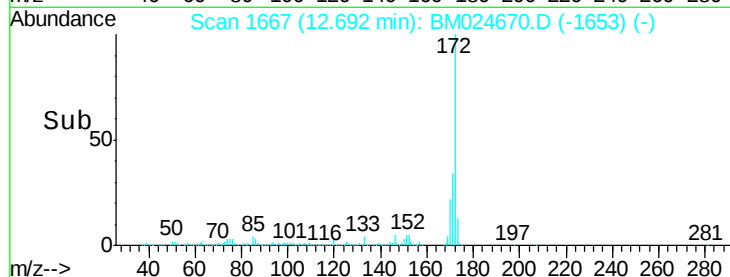
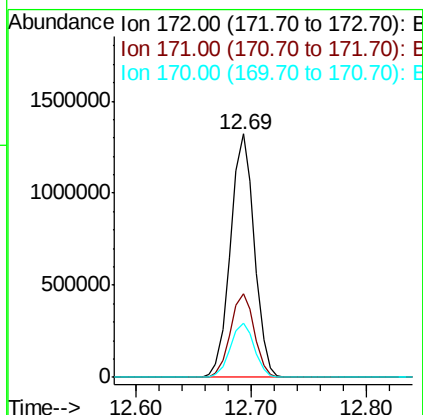
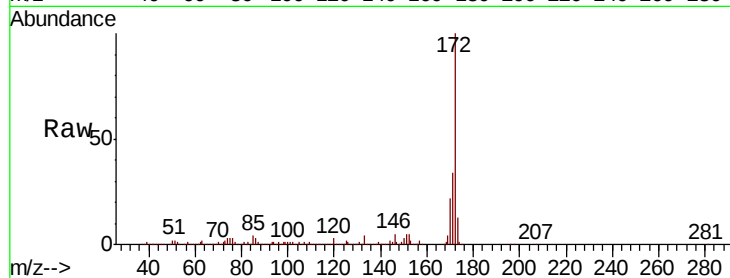




#45
2-Fluorobiphenyl
Concen: 65.355 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

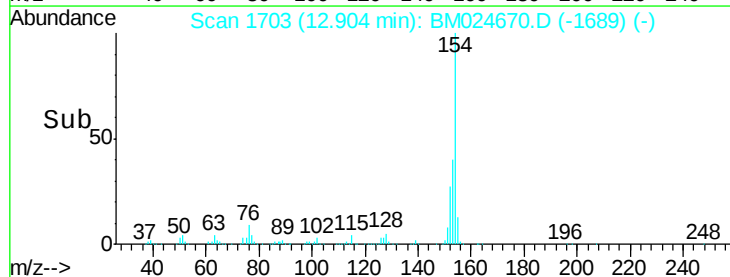
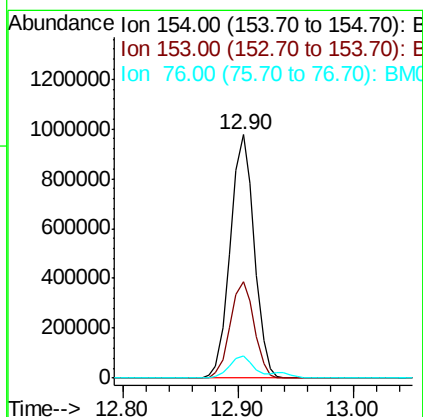
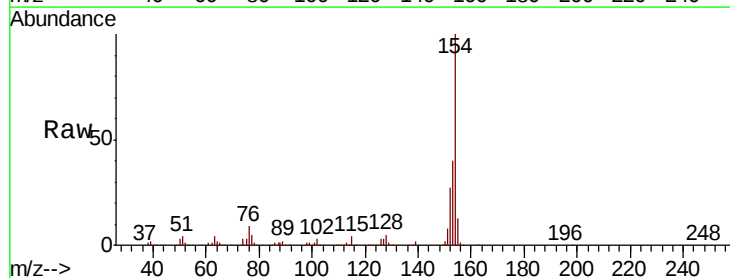
Instrument :
BNA_M
ClientSampleId :

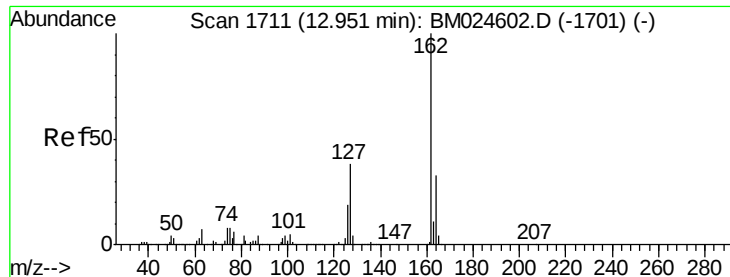
Tot Ion:172 Resp: 1885507
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 22.1 17.9 26.9



#46
1,1'-Biphenyl
Concen: 47.229 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion:154 Resp: 1401854
Ion Ratio Lower Upper
154 100
153 39.8 20.3 60.3
76 9.4 0.0 30.5

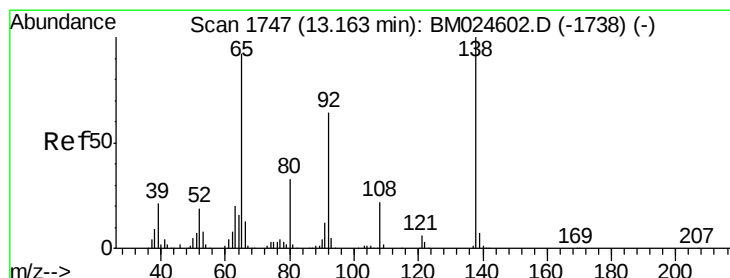
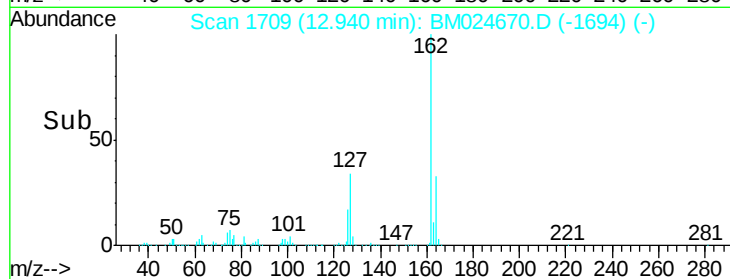
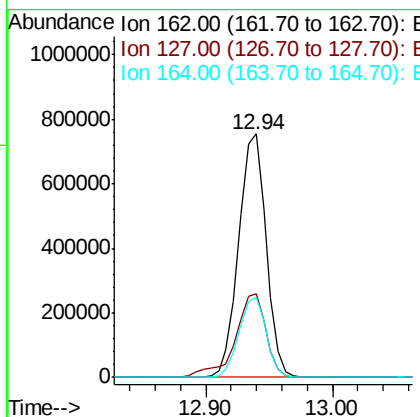
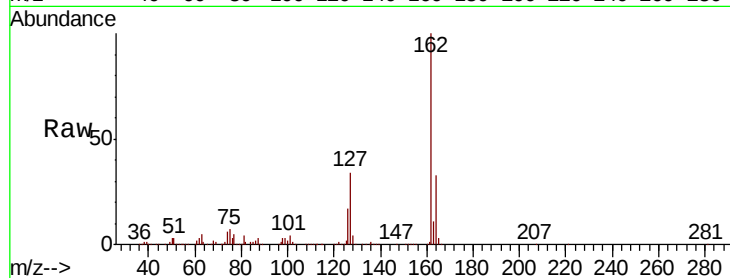




#47
 2-Chloronaphthalene
 Concen: 47.263 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

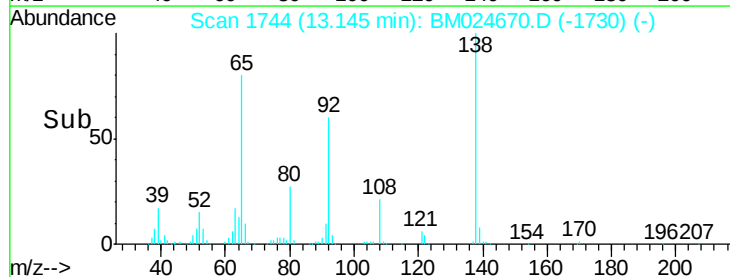
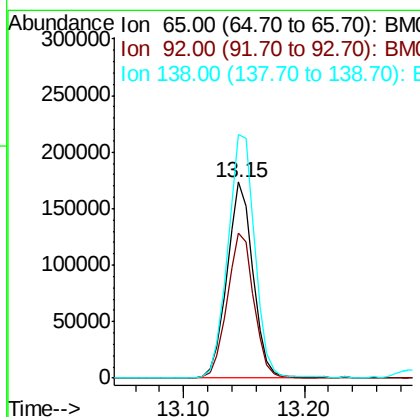
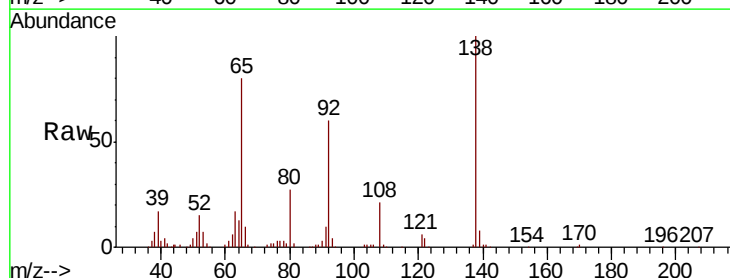
Instrument :
 BNA_M
 ClientSampled :

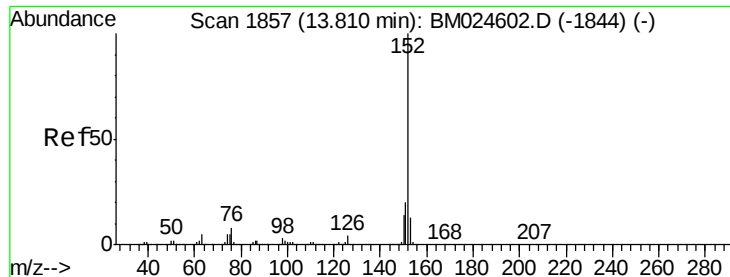
Tot Ion:162 Resp: 1132534
 Ion Ratio Lower Upper
 162 100
 127 34.2 30.4 45.6
 164 32.7 26.5 39.7



#48
 2-Nitroaniline
 Concen: 35.635 ng
 RT: 13.15 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Tgt Ion: 65 Resp: 260432
 Ion Ratio Lower Upper
 65 100
 92 74.1 55.4 83.2
 138 124.3 86.6 129.8





#49

Acenaphthylene

Concen: 48.782 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

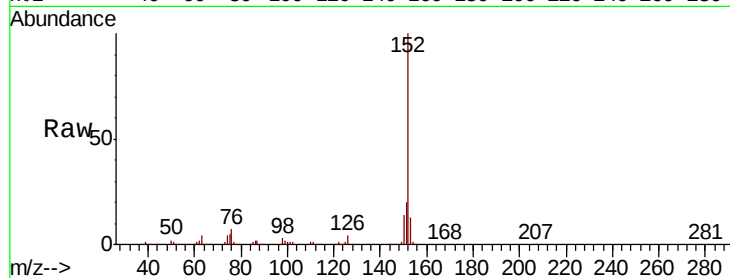
Tot Ion:152 Resp: 1749913

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

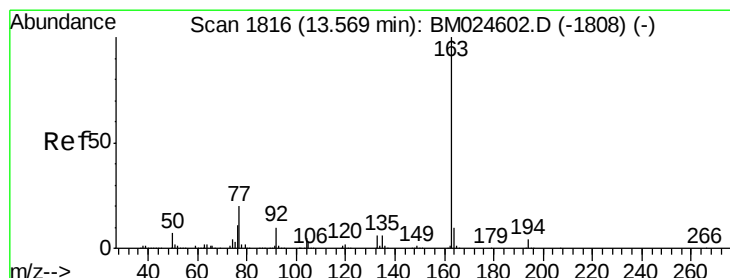
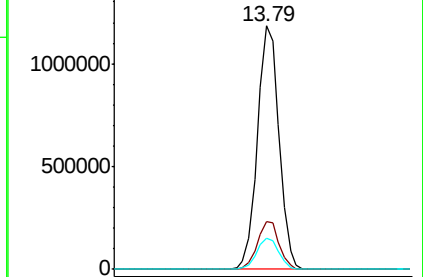
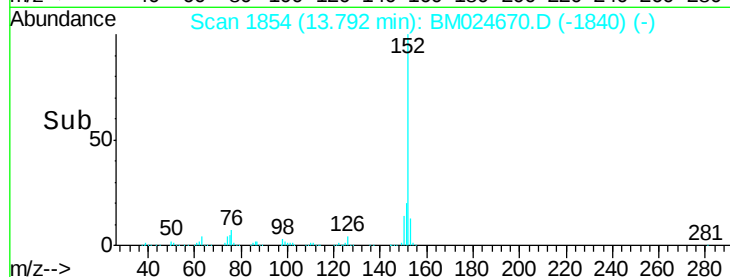
153 12.9 10.4 15.6



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: 46.009 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

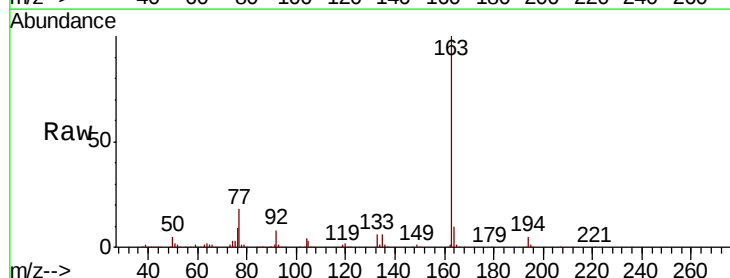
Tgt Ion:163 Resp: 1459207

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

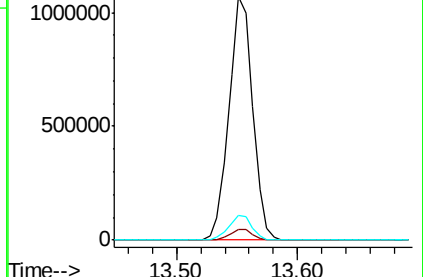
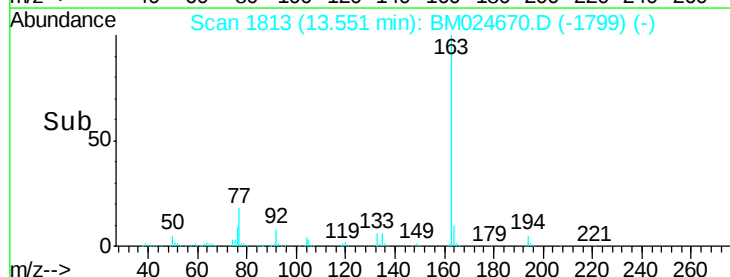
164 10.3 8.0 12.0

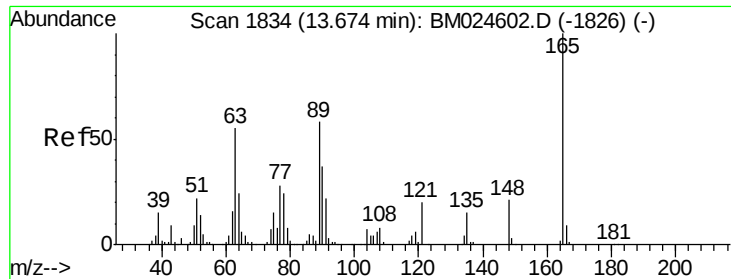


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.536 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampled :

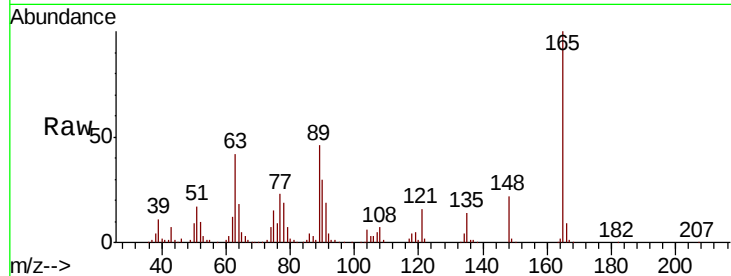
Tot Ion:165 Resp: 313793

Ion Ratio Lower Upper

165 100

63 42.4 45.4 68.0#

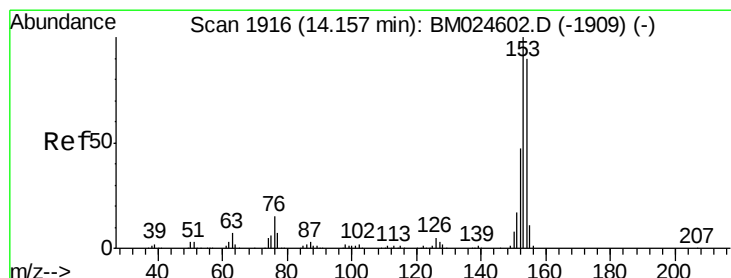
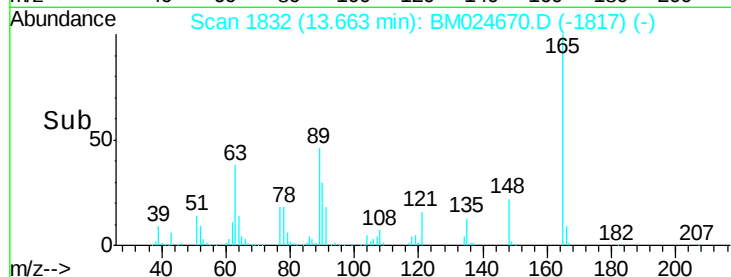
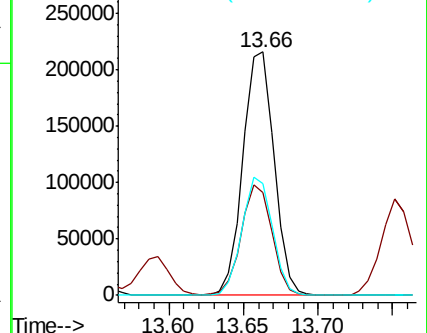
89 45.7 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 46.561 ng

RT: 14.15 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

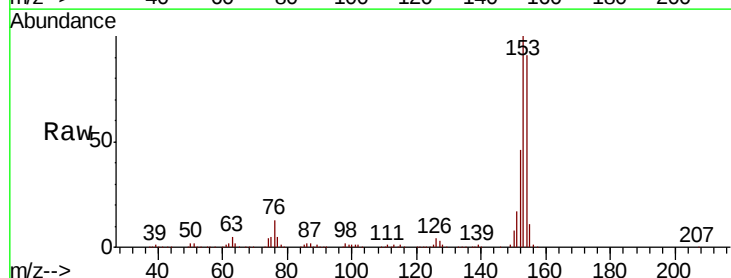
Tgt Ion:154 Resp: 1036434

Ion Ratio Lower Upper

154 100

153 109.9 89.1 133.7

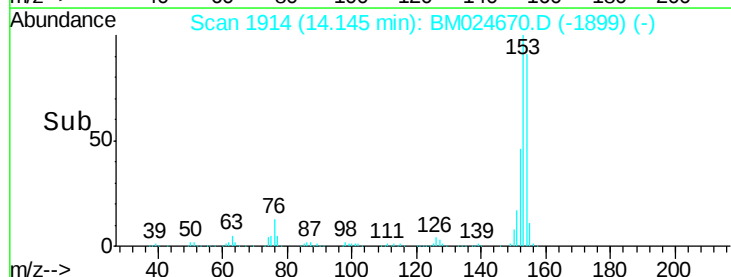
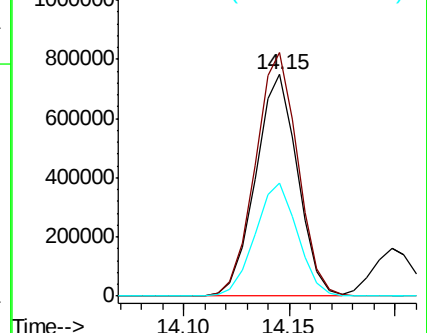
152 50.8 41.9 62.9

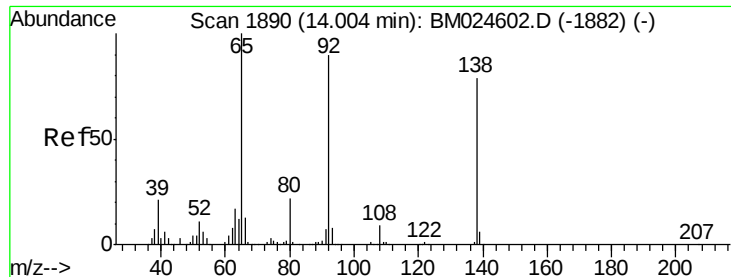


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 22.119 ng

RT: 13.99 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

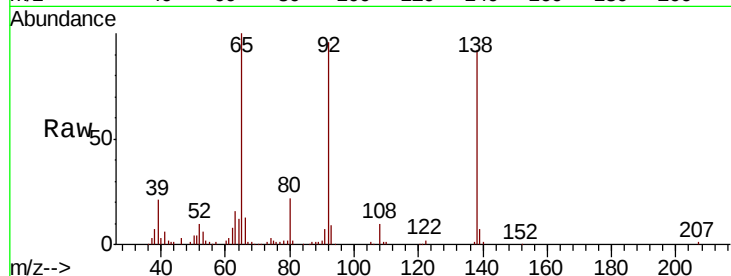
Tot Ion:138 Resp: 154695

Ion Ratio Lower Upper

138 100

108 10.3 8.7 13.1

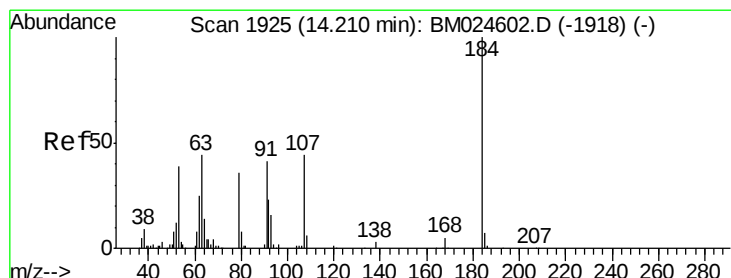
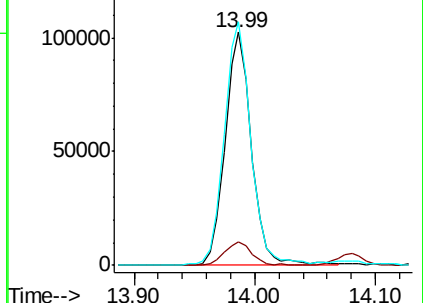
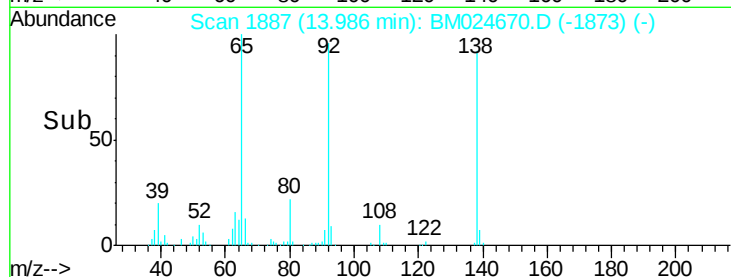
92 104.5 91.0 136.4



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: 96.445 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

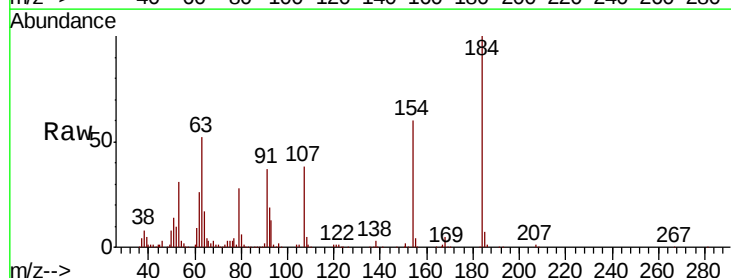
Tgt Ion:184 Resp: 388893

Ion Ratio Lower Upper

184 100

63 51.6 51.8 77.8#

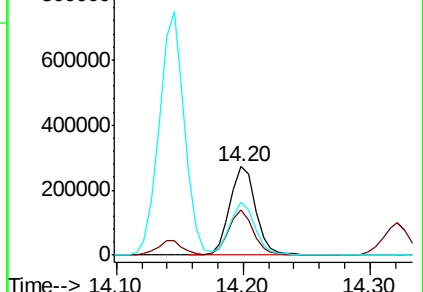
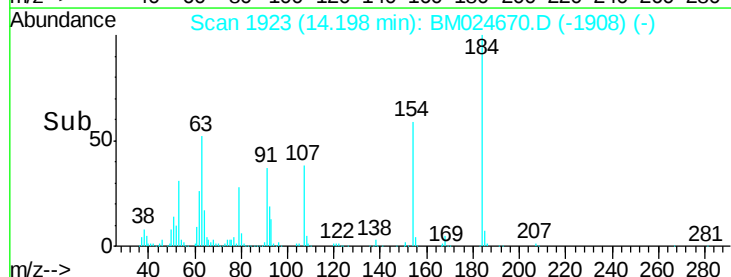
154 59.5 50.2 75.4

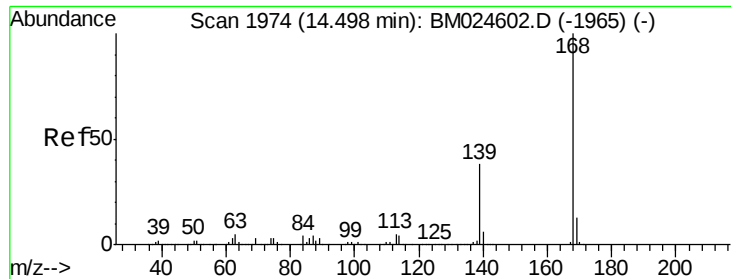


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 47.141 ng

RT: 14.49 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

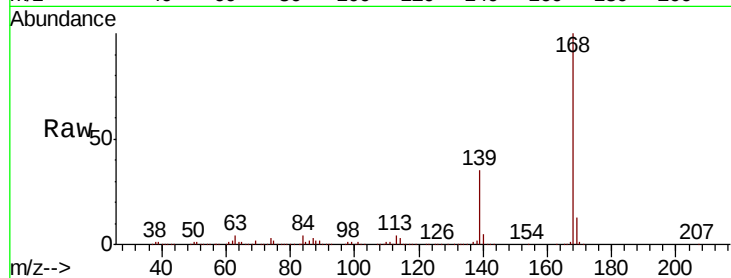
Tot Ion:168 Resp: 1711335

Ion Ratio Lower Upper

168 100

139 34.8 30.2 45.4

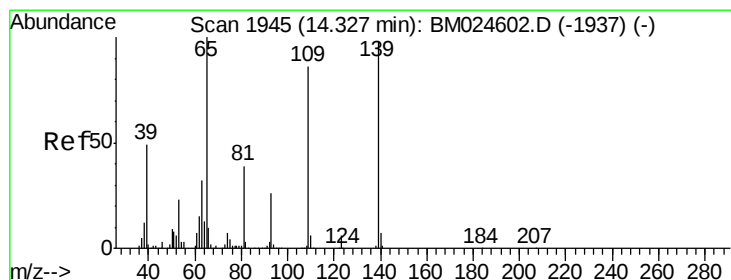
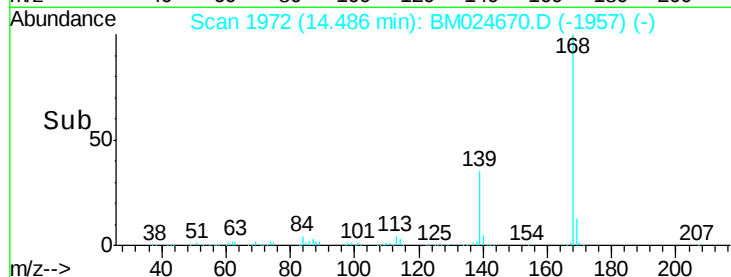
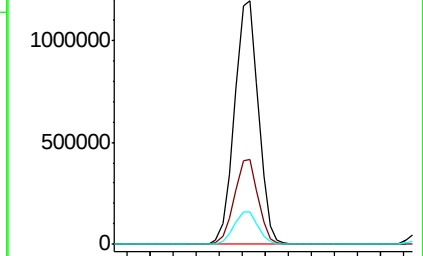
169 13.3 10.7 16.1



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: 100.921 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

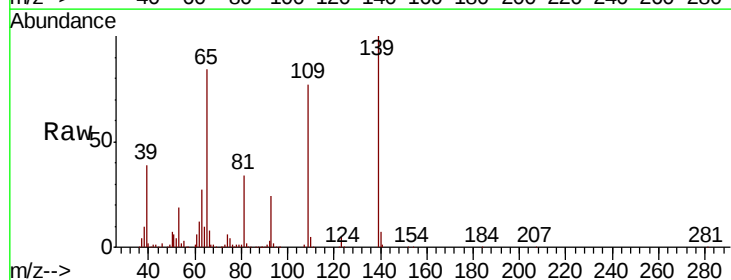
Tgt Ion:139 Resp: 551718

Ion Ratio Lower Upper

139 100

109 77.3 67.4 107.4

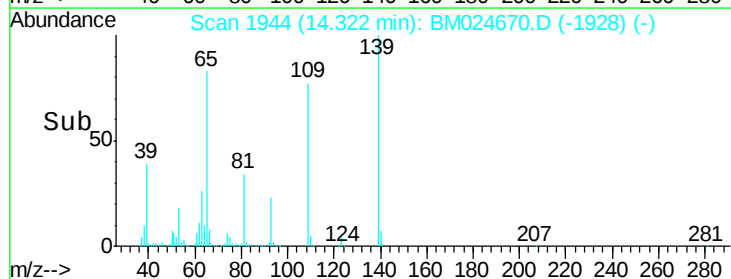
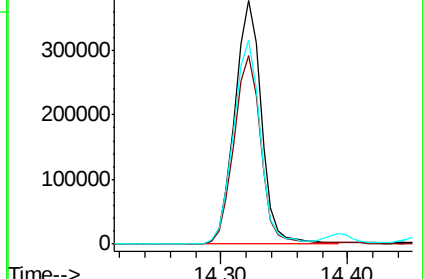
65 83.5 82.1 122.1

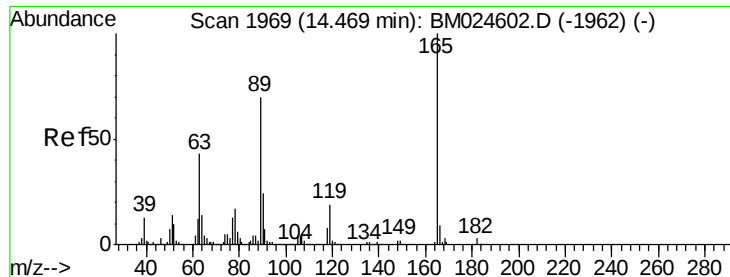


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM0

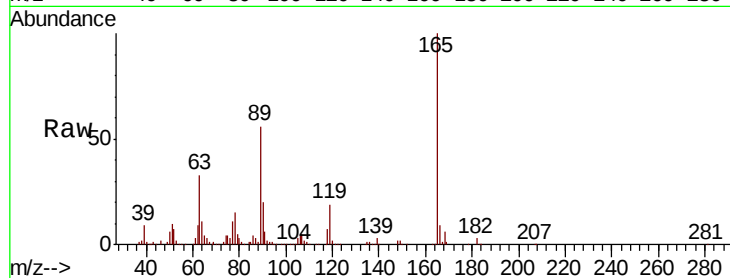




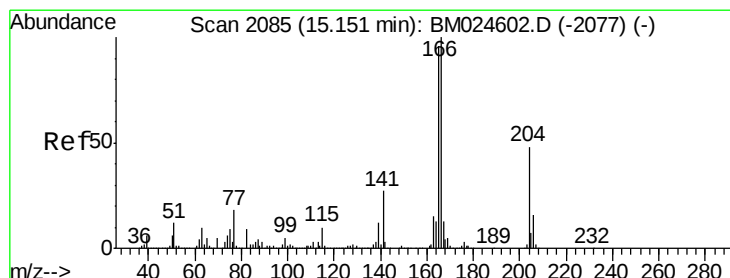
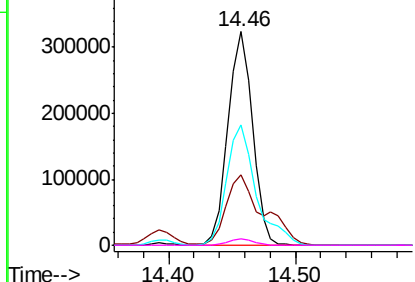
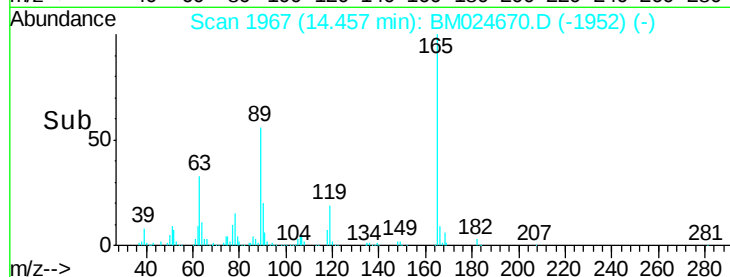
#57
2,4-Dinitrotoluene
Concen: 44.939 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165	Resp:	434288	
Ion Ratio	Lower	Upper	
165 100			
63 33.3	34.5	51.7#	
89 56.3	55.8	83.8	
182 3.3	2.3	3.5	

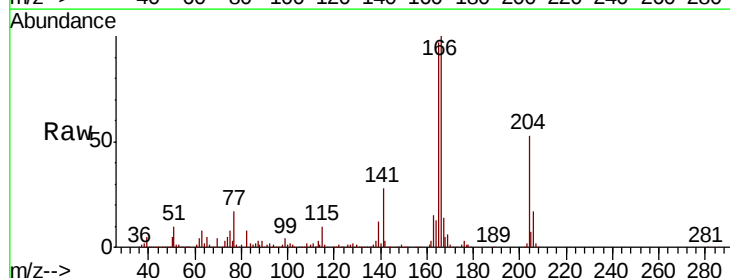


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

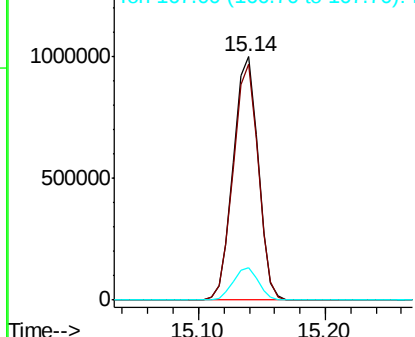
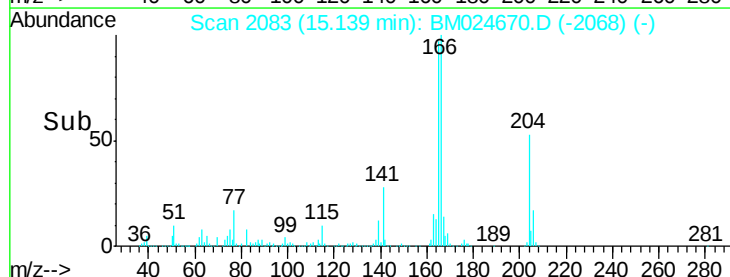


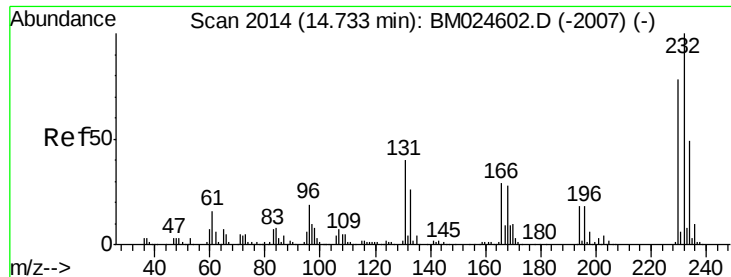
#58
Fluorene
Concen: 44.465 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt	Ion:166	Resp:	1356531
Ion	Ratio	Lower	Upper
166	100		
165	96.9	76.6	114.8
167	13.5	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

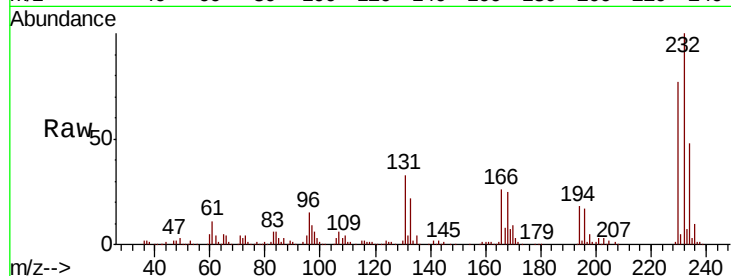




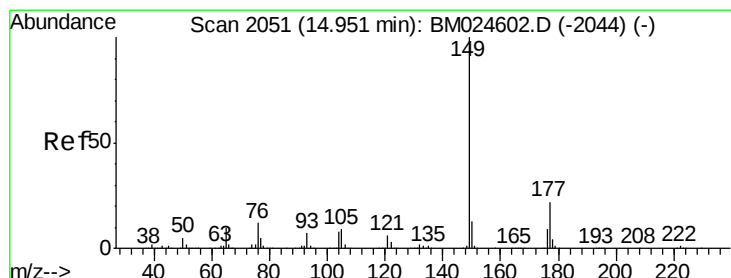
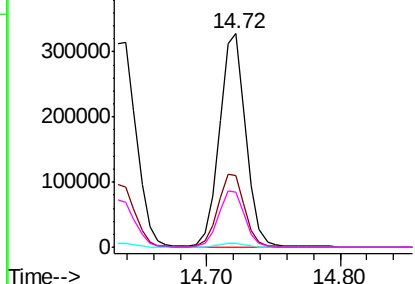
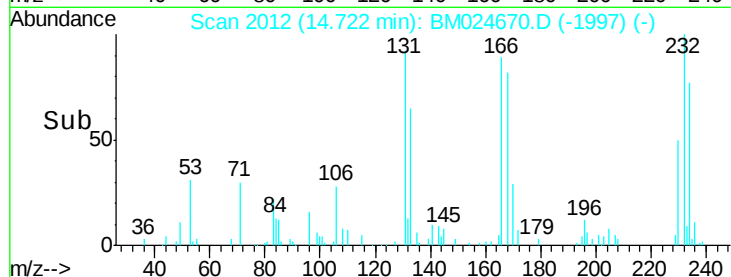
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.946 ng
 RT: 14.72 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.9	32.2	48.4
130	1.9	1.9	2.9
166	27.2	23.4	35.0

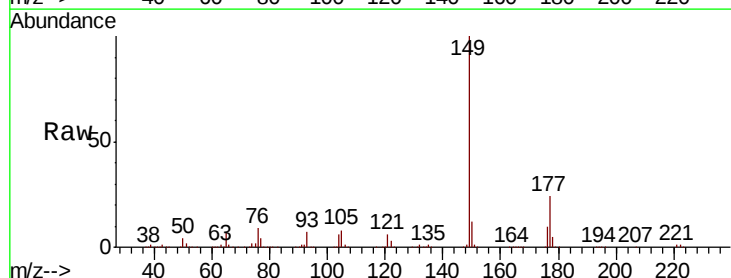


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

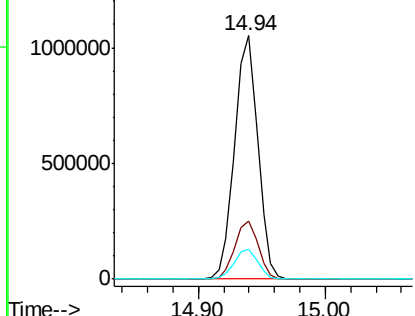
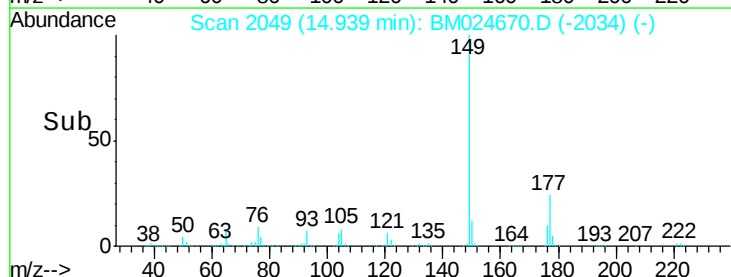


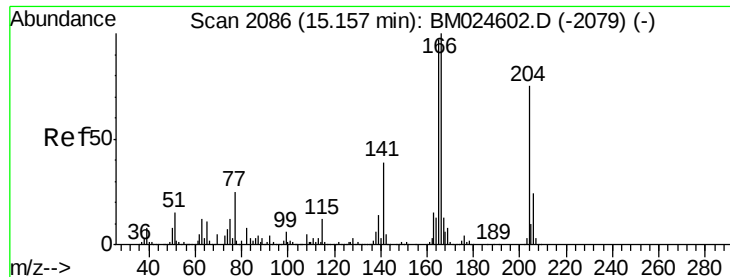
#60
 Diethylphthalate
 Concen: 41.184 ng
 RT: 14.94 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.0	27.0
150	12.3	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

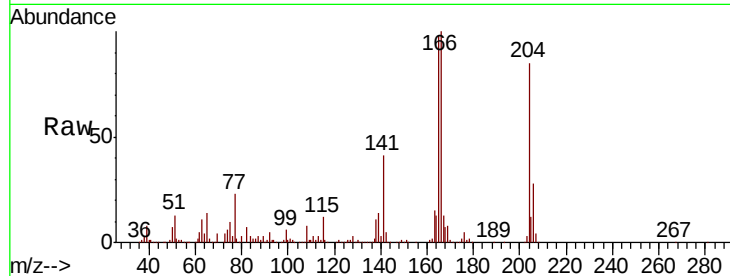




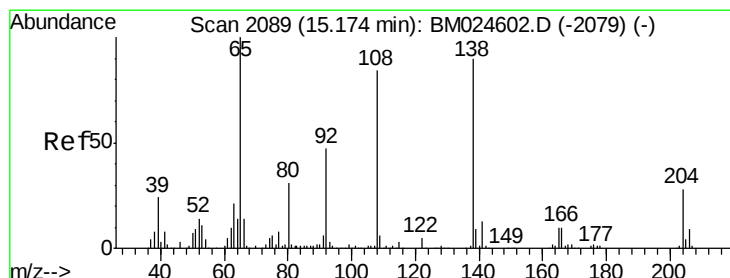
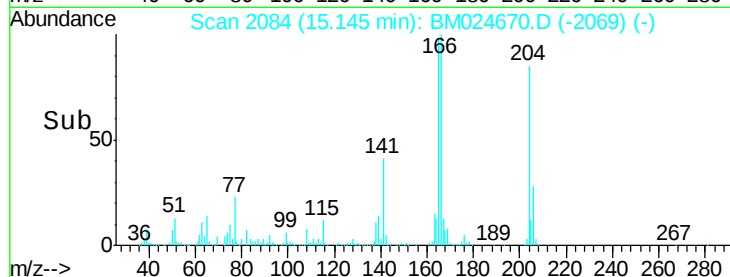
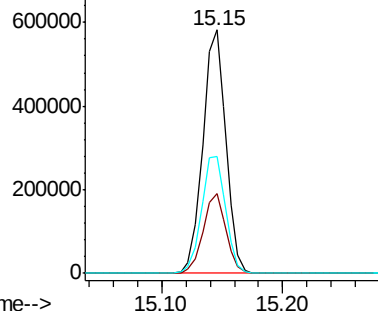
#61
 4-Chlorophenyl-phenylether
 Concen: 44.009 ng
 RT: 15.15 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	47.9	42.2	63.2

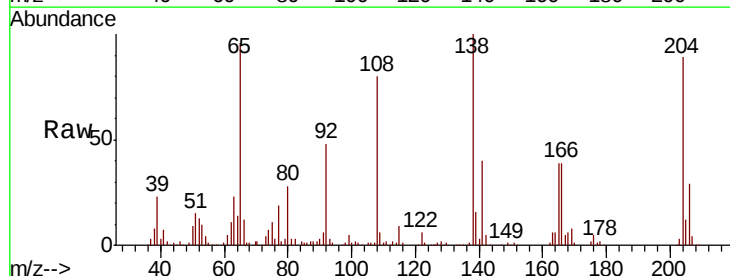


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

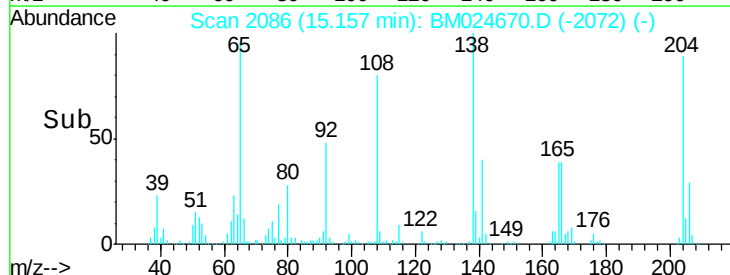
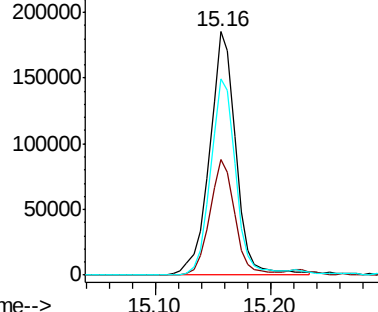


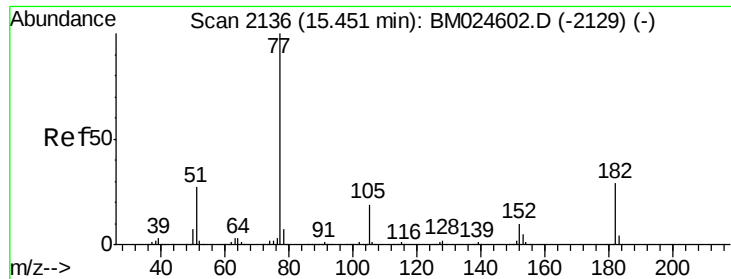
#62
 4-Nitroaniline
 Concen: 37.963 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	32.4	72.4
108	80.5	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

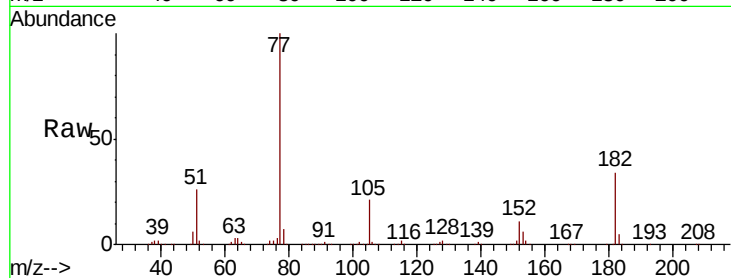




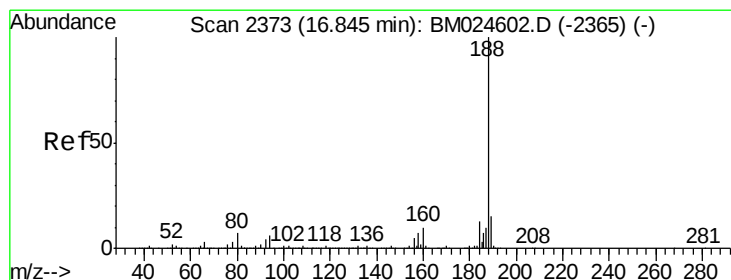
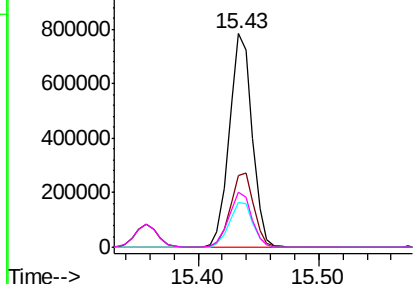
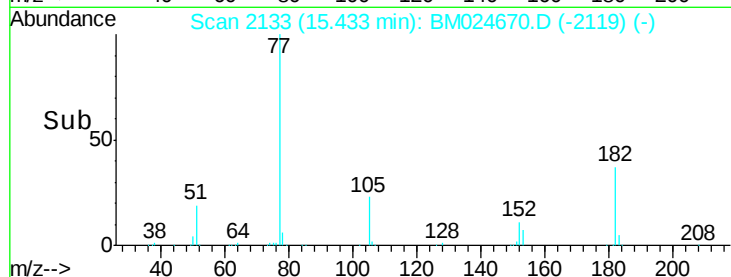
#63
Azobenzene
Concen: 37.464 ng
RT: 15.43 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1028941
Ion Ratio Lower Upper
77 100
182 33.8 8.7 48.7
105 21.1 0.0 39.2
51 25.9 7.5 47.5

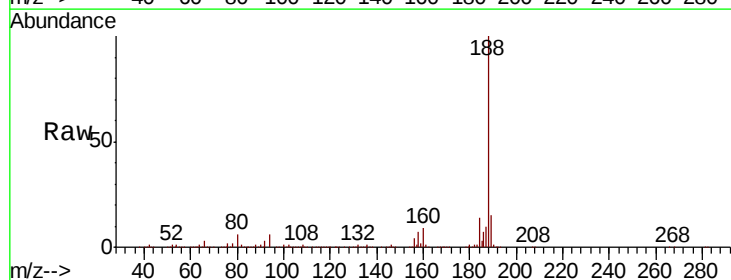


Abundance Ion 77.00 (76.70 to 77.70): BM024670.D (-2119) (-)
Ion 182.00 (181.70 to 182.70): BM024670.D (-2119) (-)
Ion 105.00 (104.70 to 105.70): BM024670.D (-2119) (-)
Ion 51.00 (50.70 to 51.70): BM024670.D (-2119) (-)

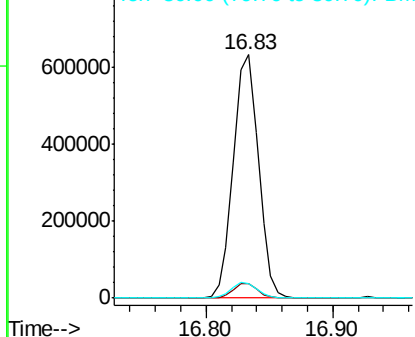
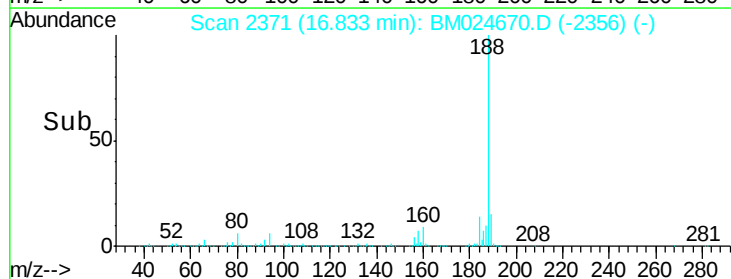


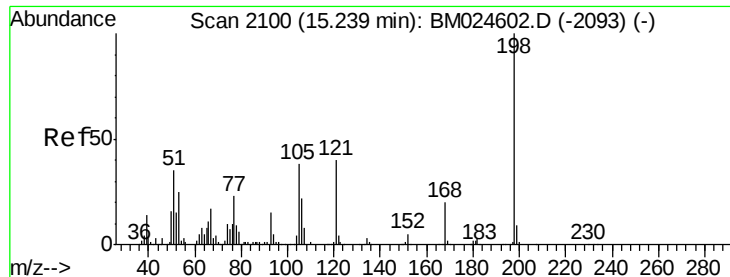
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion: 188 Resp: 870637
Ion Ratio Lower Upper
188 100
94 5.9 5.0 7.6
80 6.0 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): BM024670.D (-2356) (-)
Ion 94.00 (93.70 to 94.70): BM024670.D (-2356) (-)
Ion 80.00 (79.70 to 80.70): BM024670.D (-2356) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 53.459 ng

RT: 15.23 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

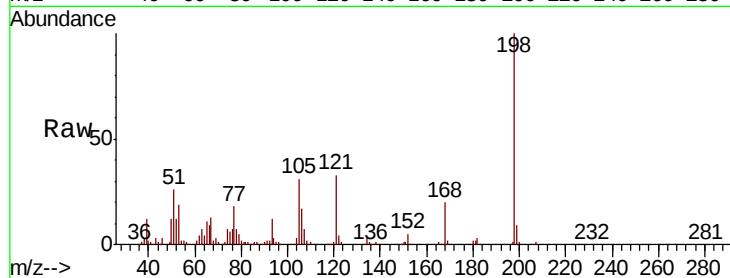
Tot Ion:198 Resp: 273664

Ion	Ratio	Lower	Upper
198	100		
51	25.7	15.8	55.8
105	31.0	18.5	58.5

198 100

51 25.7 15.8 55.8

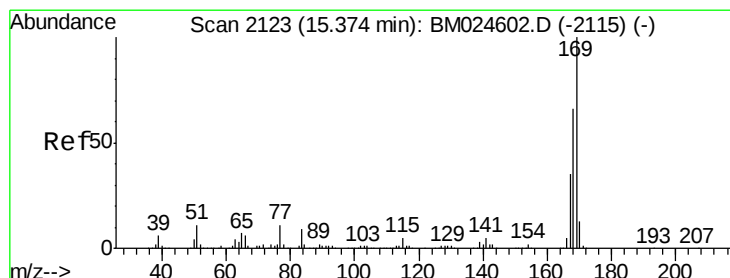
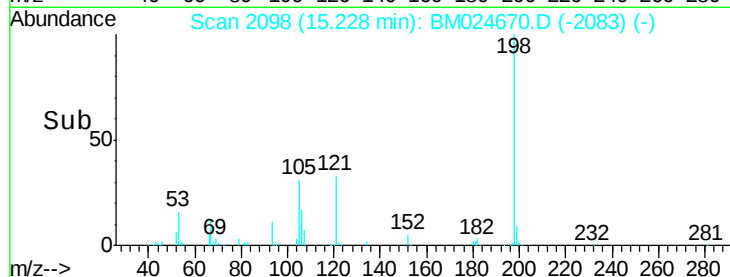
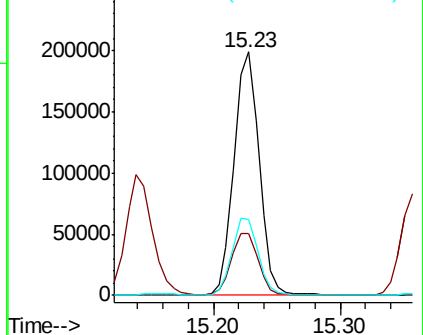
105 31.0 18.5 58.5



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: 48.623 ng

RT: 15.36 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

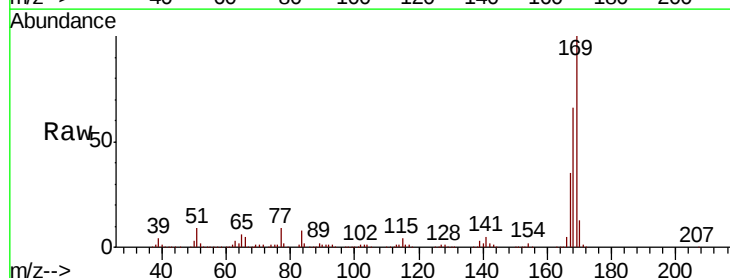
Tgt Ion:169 Resp: 1216017

Ion	Ratio	Lower	Upper
169	100		
168	66.4	52.8	79.2
167	35.3	28.2	42.2

169 100

168 66.4 52.8 79.2

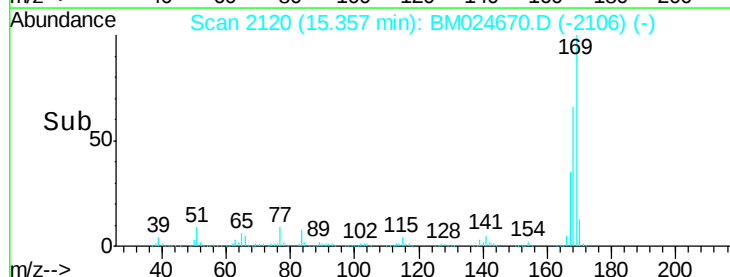
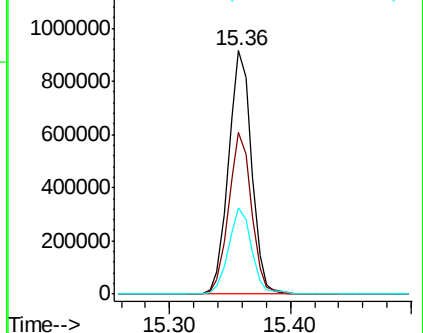
167 35.3 28.2 42.2

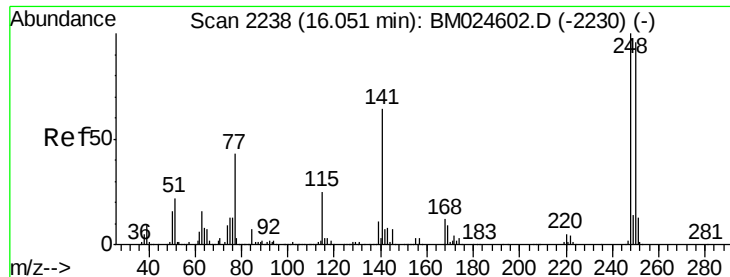


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

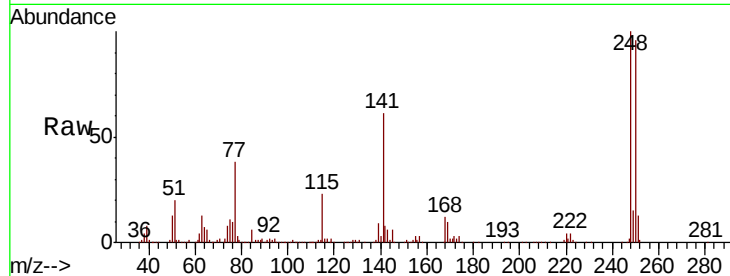




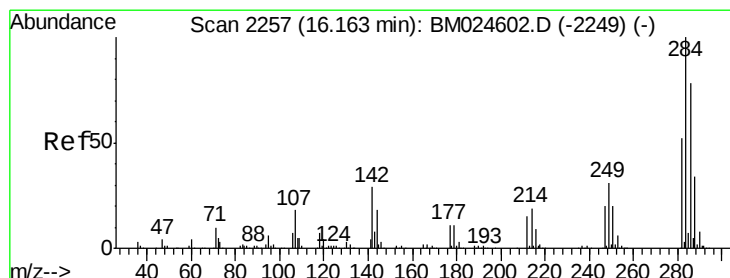
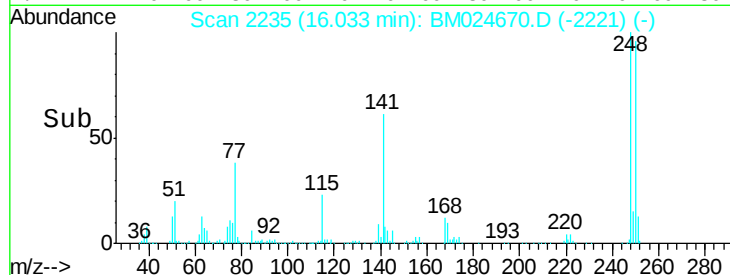
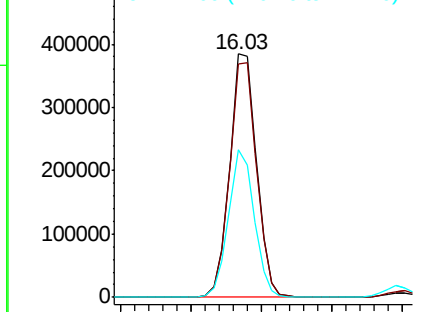
#67
4-Bromophenyl-phenylether
Concen: 47.012 ng
RT: 16.03 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 508999
Ion Ratio Lower Upper
248 100
250 95.8 77.0 115.6
141 60.8 50.9 76.3

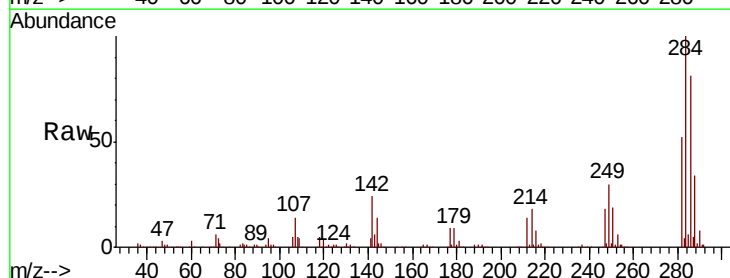


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

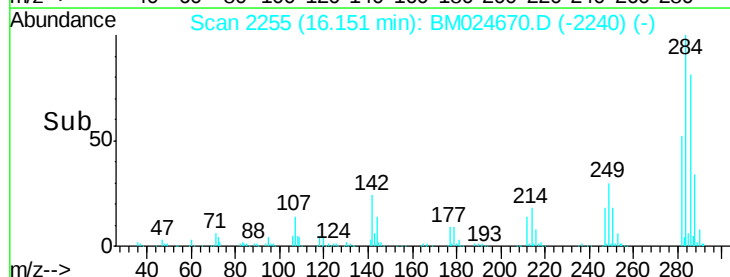
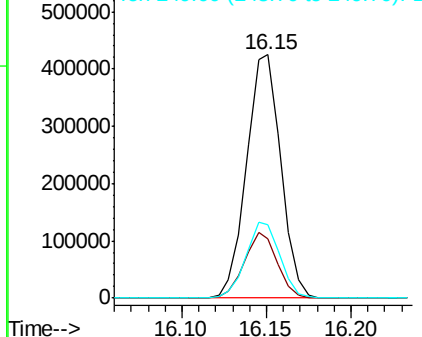


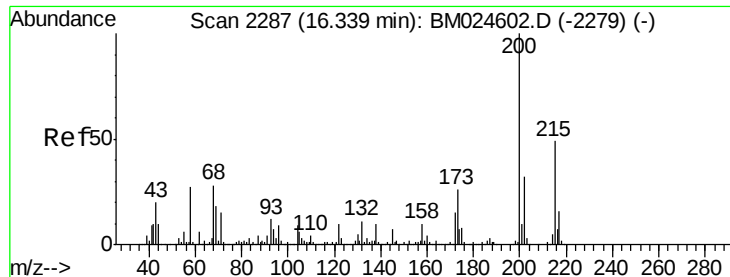
#68
Hexachlorobenzene
Concen: 48.343 ng
RT: 16.15 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion:284 Resp: 600644
Ion Ratio Lower Upper
284 100
142 24.2 23.5 35.3
249 30.2 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: 50.582 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

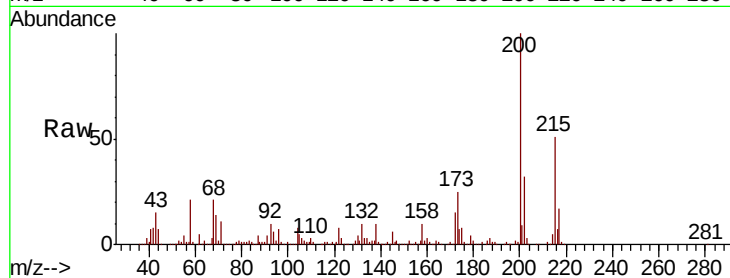
Tot Ion:200 Resp: 485569

Ion Ratio Lower Upper

200 100

173 25.4 5.5 45.5

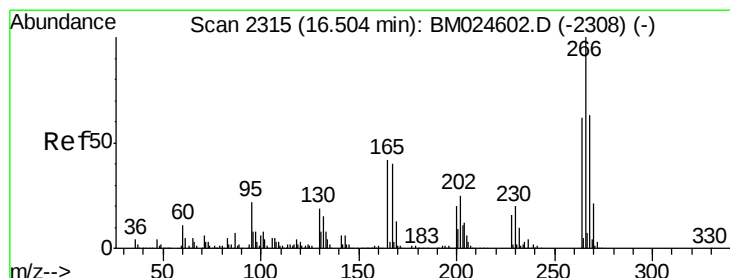
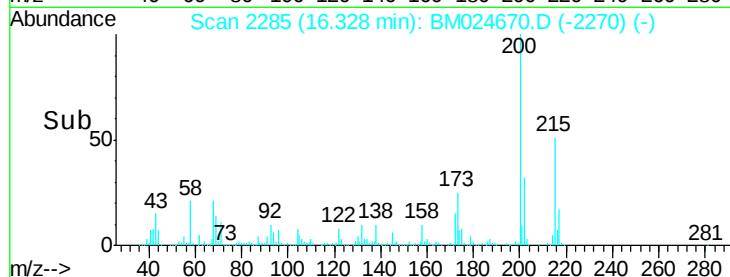
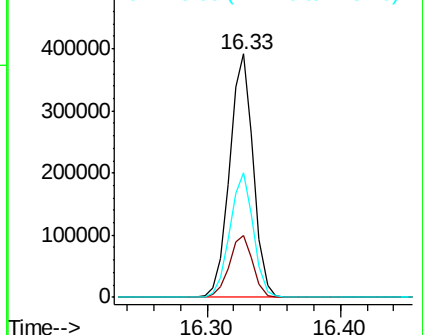
215 51.0 29.4 69.4



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: 103.096 ng

RT: 16.49 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

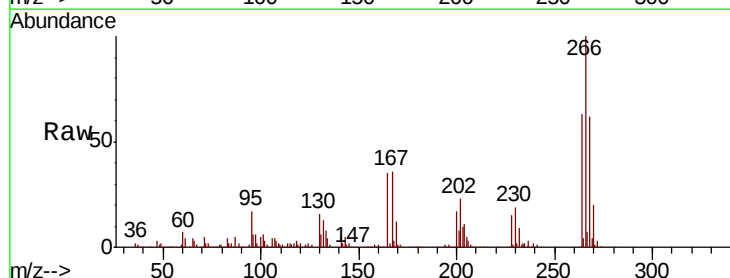
Tgt Ion:266 Resp: 780234

Ion Ratio Lower Upper

266 100

268 62.2 50.4 75.6

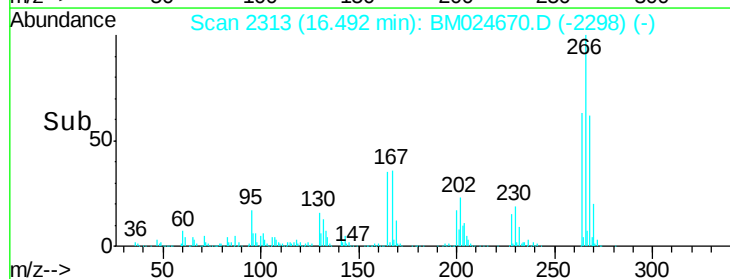
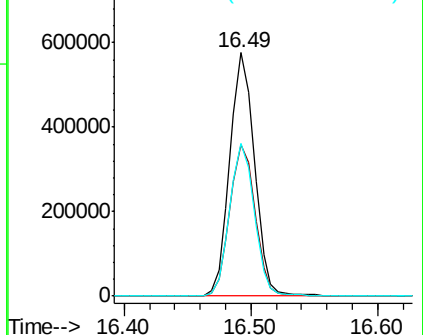
264 62.8 49.9 74.9

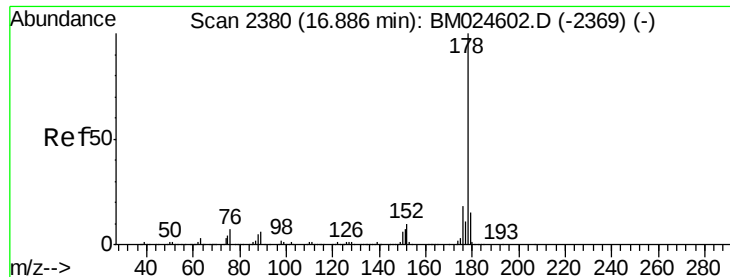


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

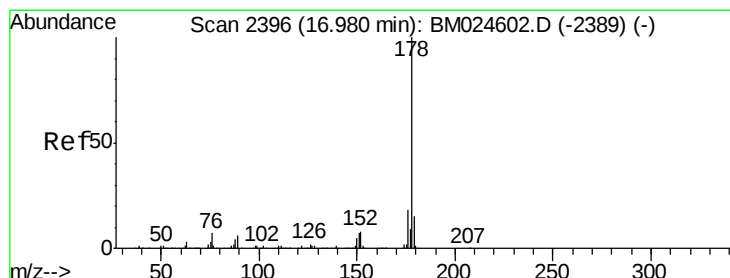
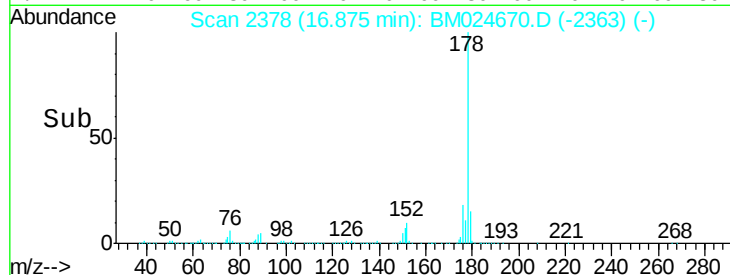
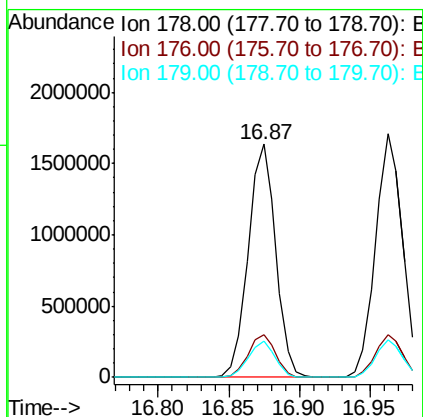
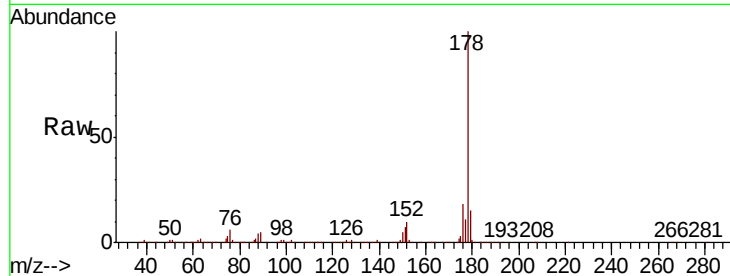




#71
Phenanthrene
Concen: 47.407 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

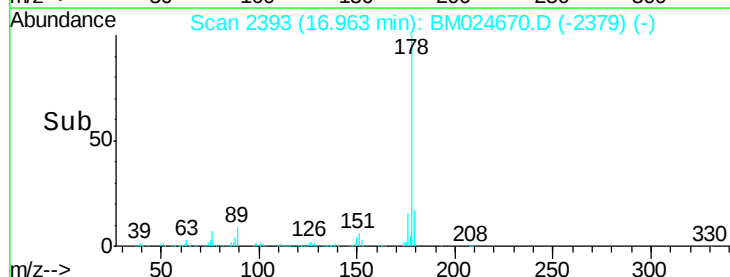
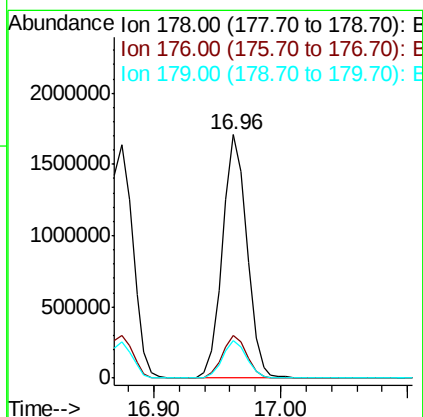
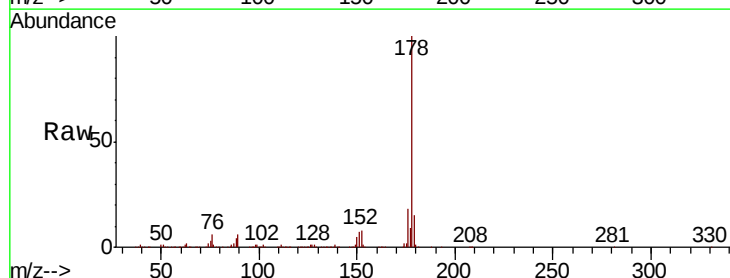
Instrument :
BNA_M
ClientSampleId :

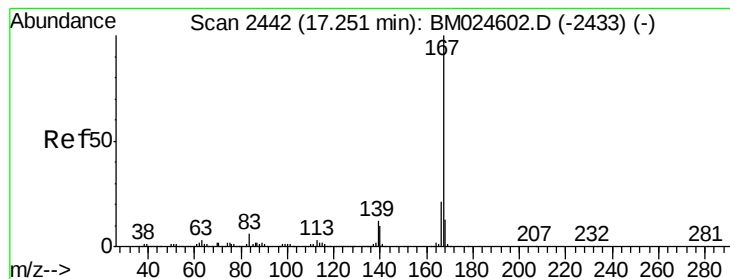
Tot Ion:178 Resp: 2235079
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 15.4 11.9 17.9



#72
Anthracene
Concen: 49.319 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion:178 Resp: 2275170
Ion Ratio Lower Upper
178 100
176 17.6 14.3 21.5
179 15.5 12.1 18.1





#73

Carbazole

Concen: 48.235 ng

RT: 17.24 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

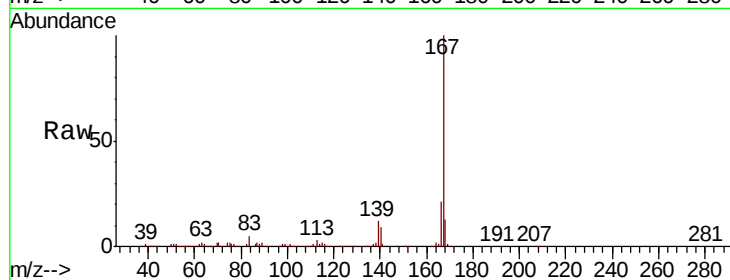
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 2025647

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	11.8	9.8	14.8

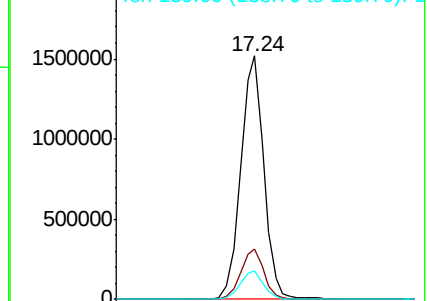


Abundance

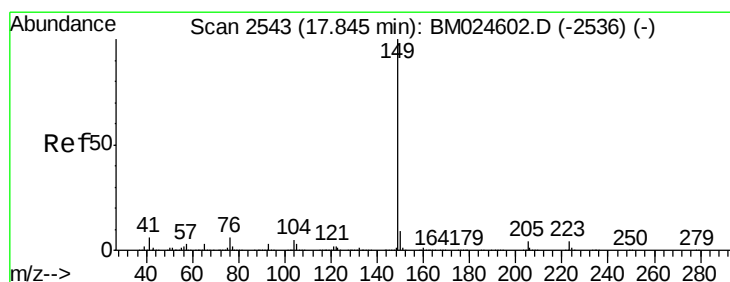
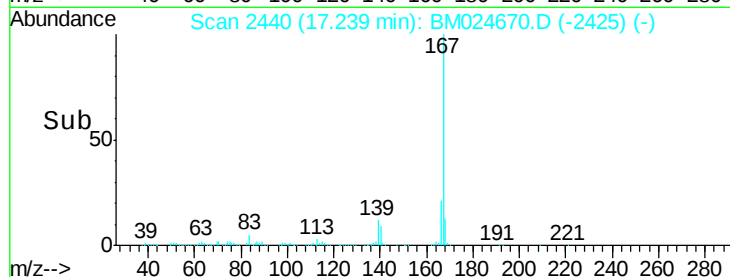
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 42.413 ng

RT: 17.83 min Scan# 2541

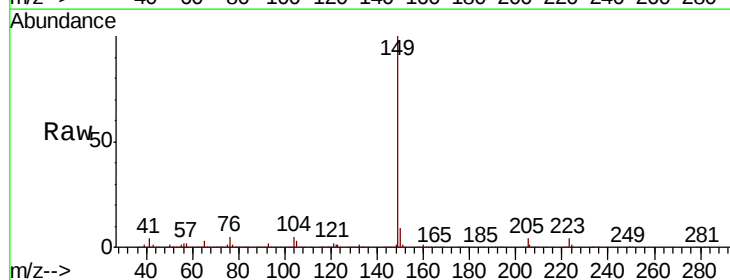
Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion:149 Resp: 2277066

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.8	4.3	6.5

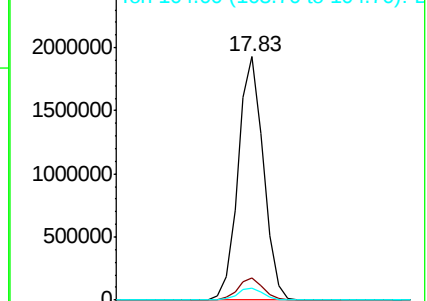


Abundance

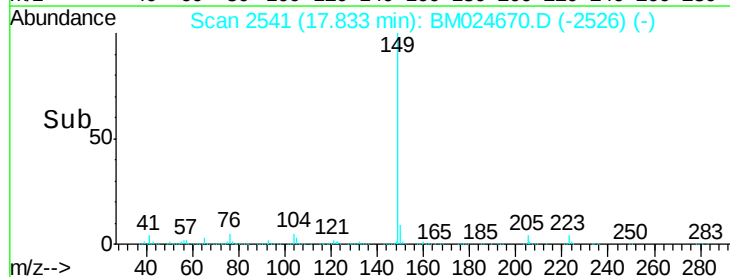
Ion 149.00 (148.70 to 149.70): E

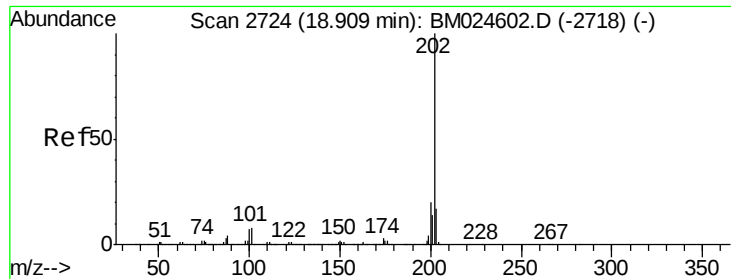
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 48.576 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampled :

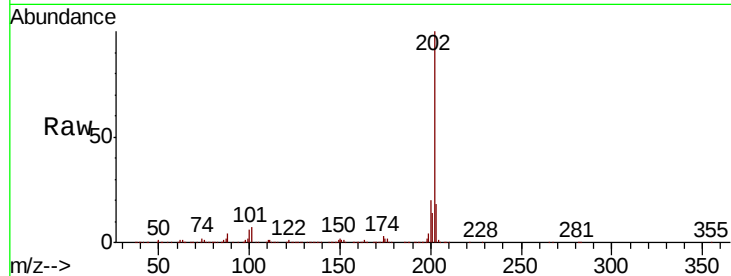
Tot Ion:202 Resp: 2858414

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.4

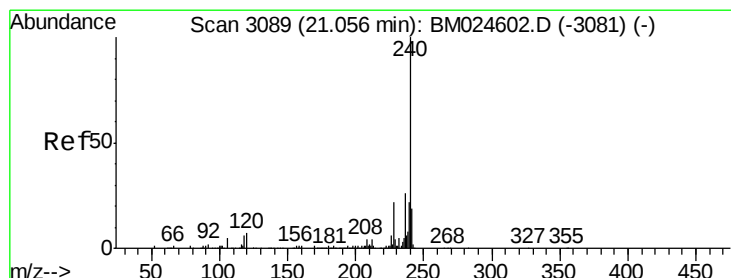
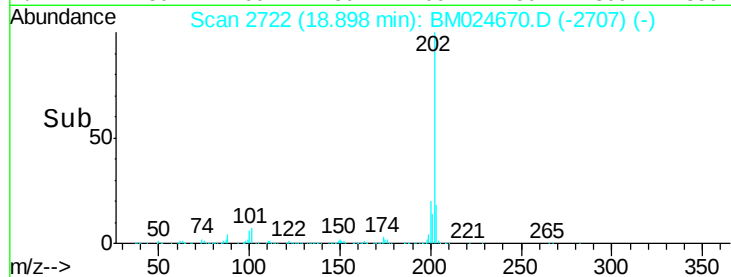
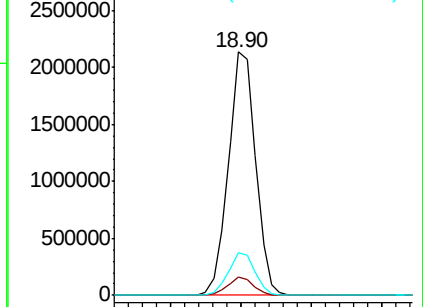
203 17.6 0.0 37.5



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: 21.04 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

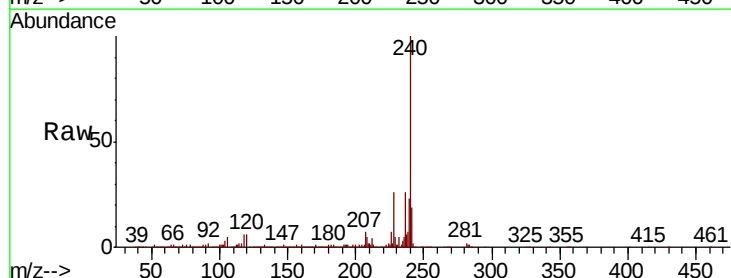
Tgt Ion:240 Resp: 1020621

Ion Ratio Lower Upper

240 100

120 6.1 5.3 7.9

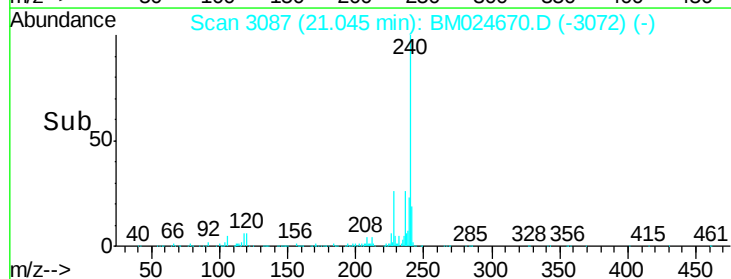
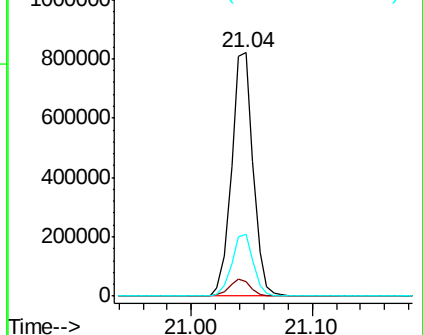
236 25.7 20.6 31.0

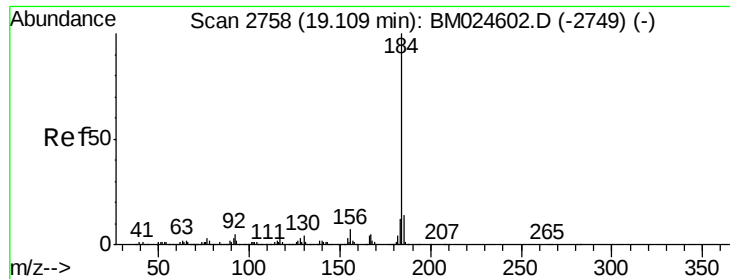


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 66.211 ng

RT: 19.10 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

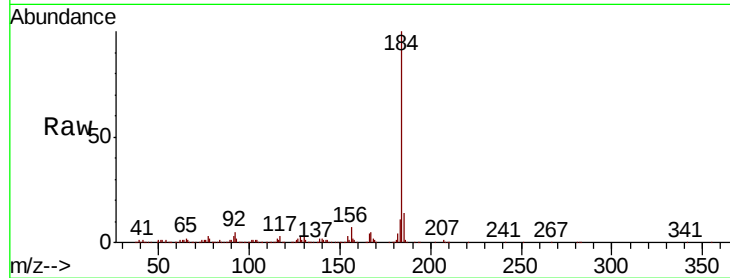
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1573760

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

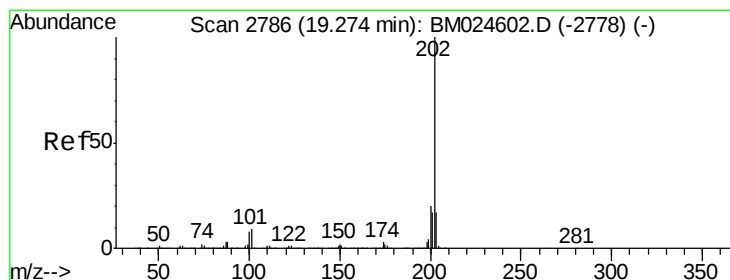
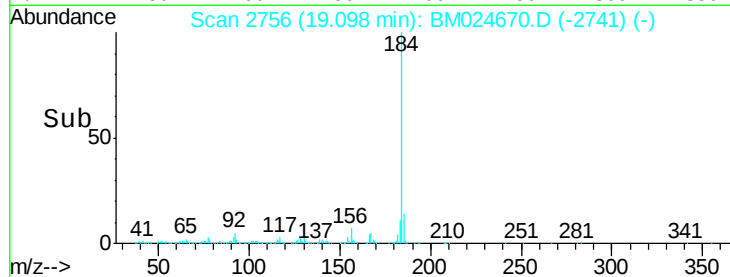
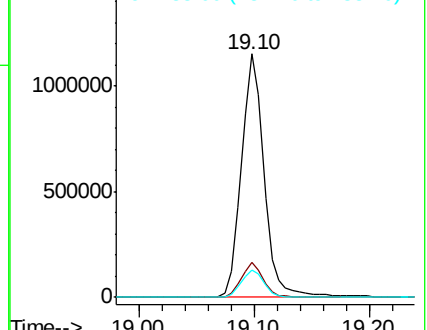


Abundance

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: 43.958 ng

RT: 19.26 min Scan# 2784

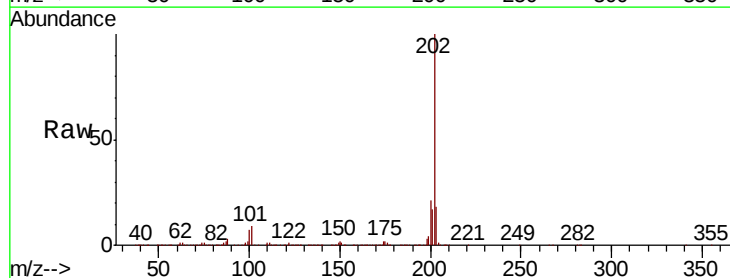
Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion:202 Resp: 2957640

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.2	24.2
203	17.7	14.0	21.0

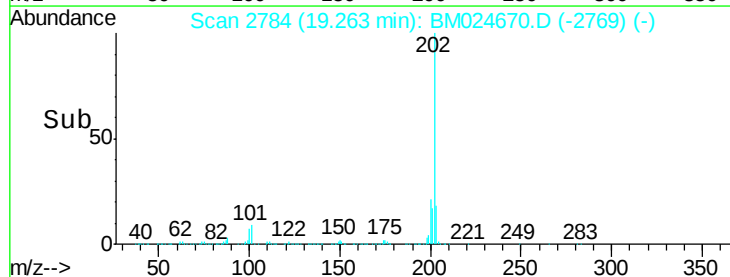
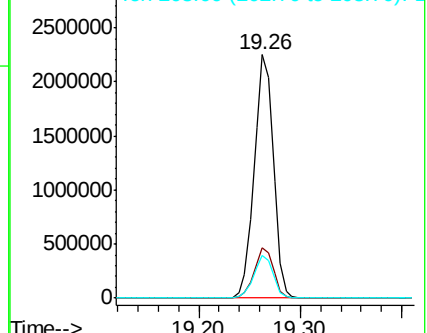


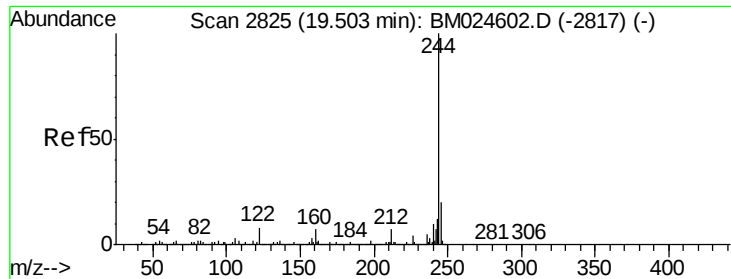
Abundance

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: 62.898 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

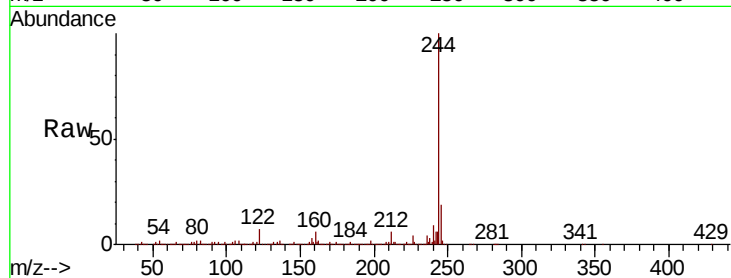
Tot Ion:244 Resp: 3438579

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

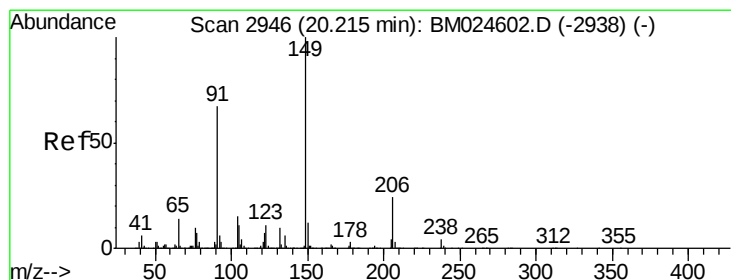
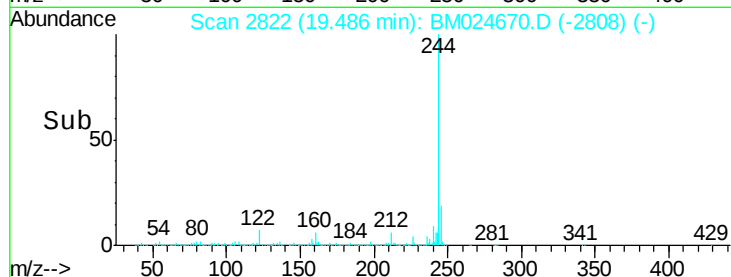
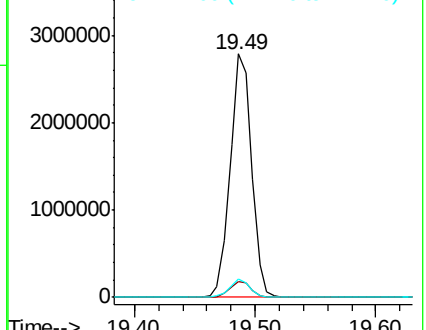
122 7.3 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.035 ng

RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

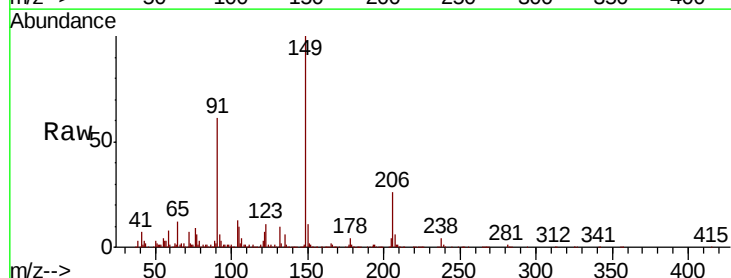
Tgt Ion:149 Resp: 1102069

Ion Ratio Lower Upper

149 100

91 60.7 53.9 80.9

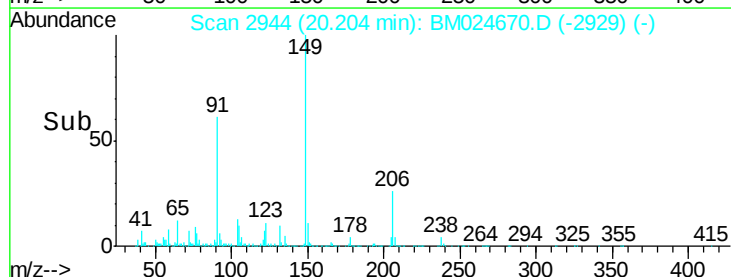
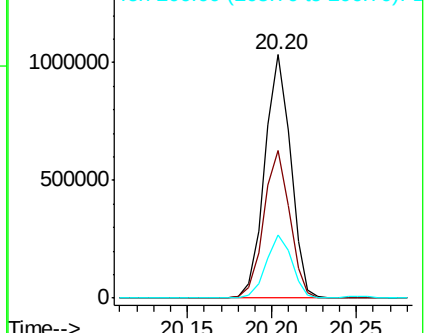
206 25.9 19.0 28.6

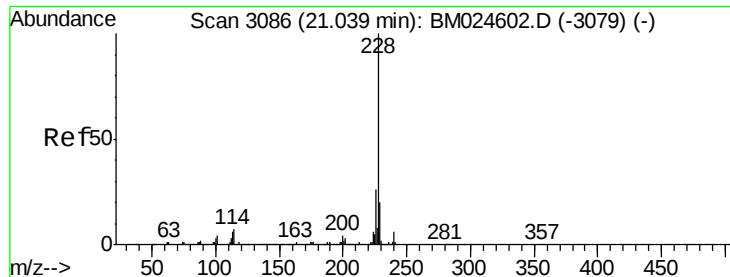


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.234 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

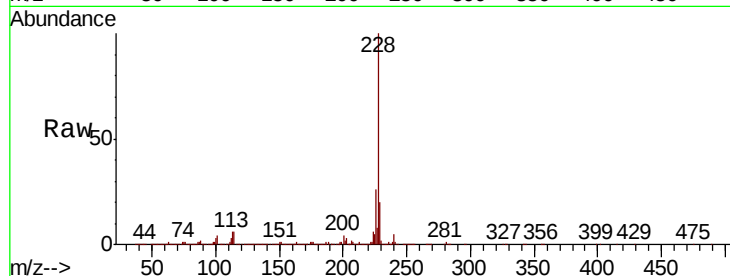
Tot Ion:228 Resp: 3275075

Ion Ratio Lower Upper

228 100

226 26.4 21.1 31.7

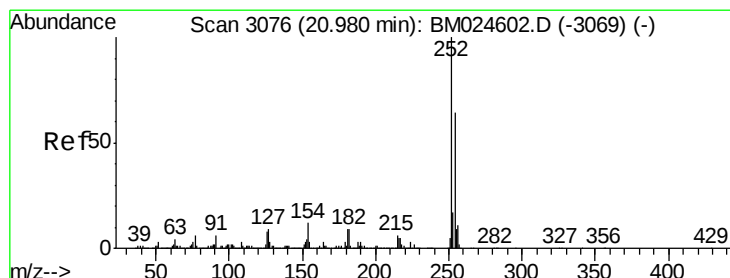
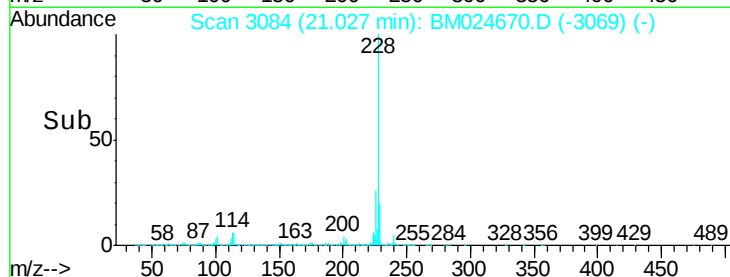
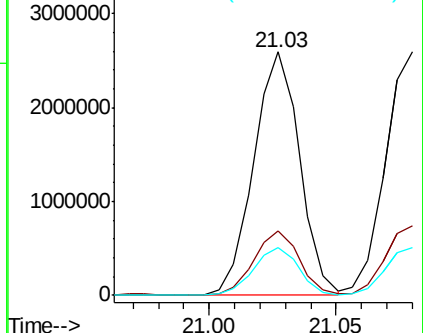
229 19.5 15.8 23.6



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: 41.505 ng

RT: 20.97 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

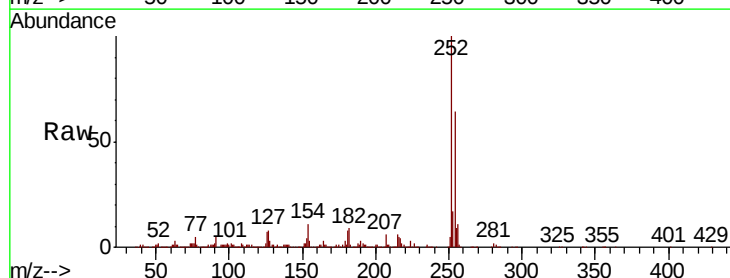
Tgt Ion:252 Resp: 1057628

Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

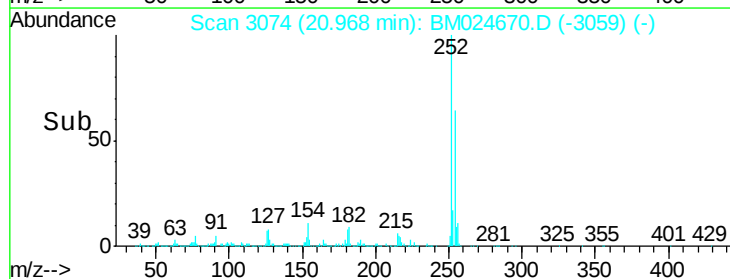
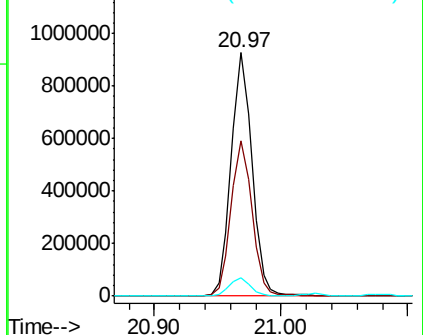
126 7.4 6.7 10.1

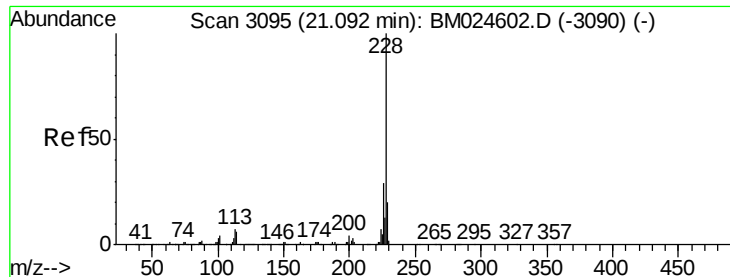


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.849 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

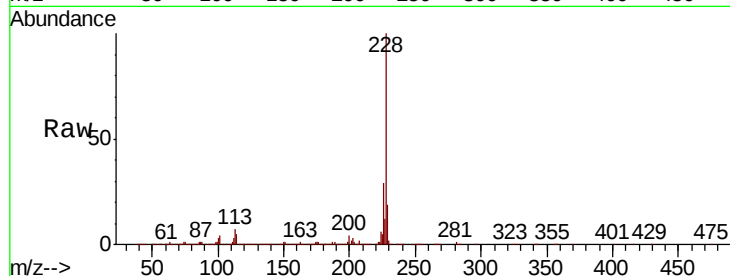
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3166685

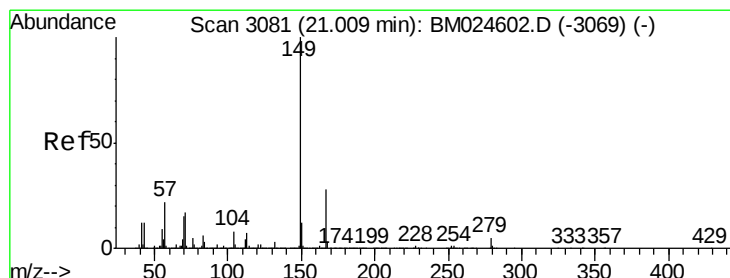
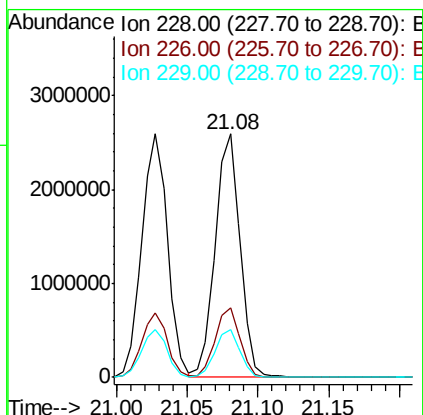
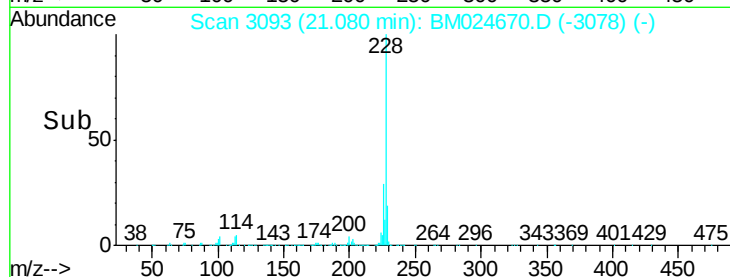
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.2	34.8
229	19.4	15.7	23.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.664 ng

RT: 21.00 min Scan# 3079

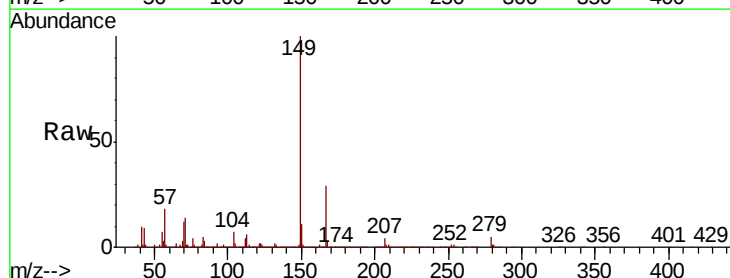
Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion:149 Resp: 1610664

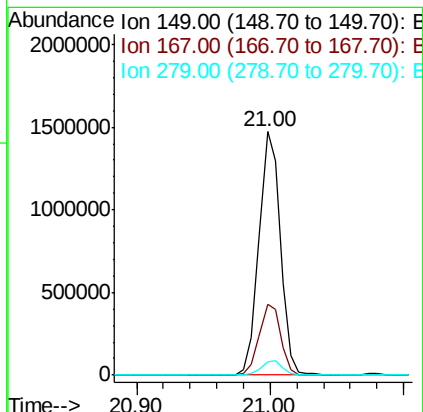
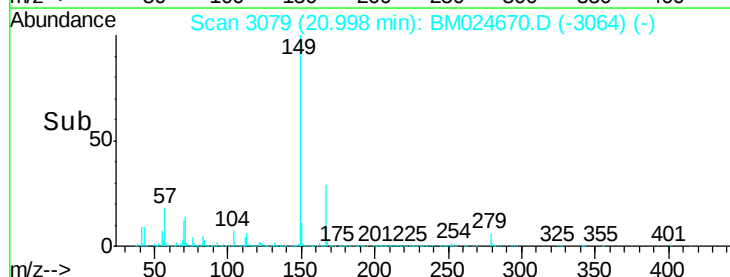
Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.5	33.7
279	5.5	4.0	6.0

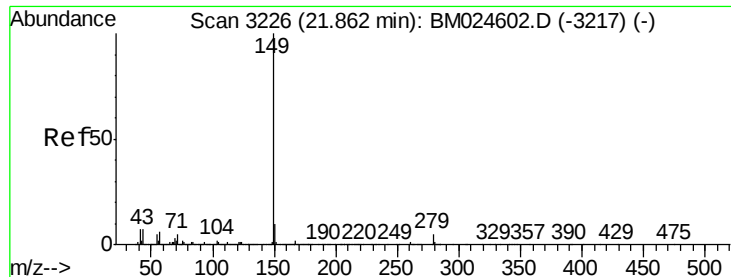


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.875 ng

RT: 21.85 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

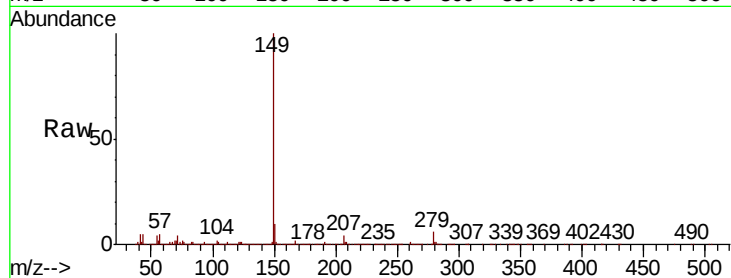
Tot Ion:149 Resp: 2950812

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

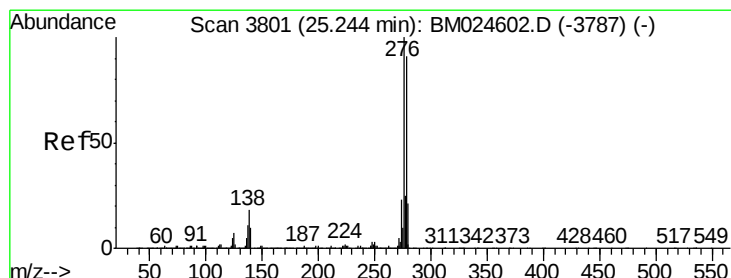
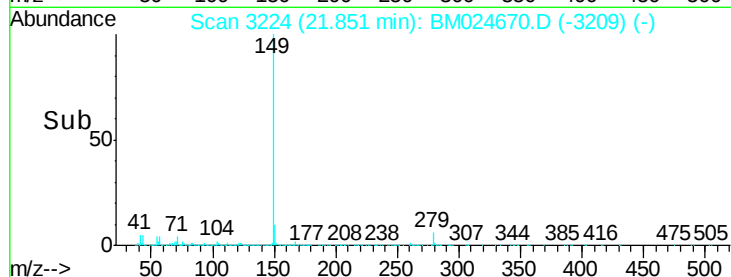
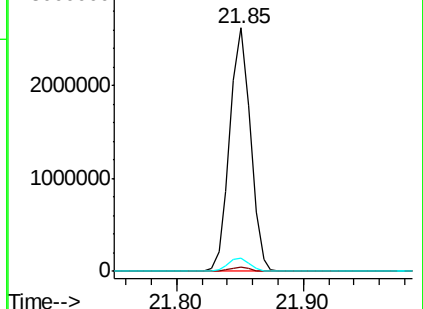
43 5.5 5.8 8.6#



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: 61.639 ng

RT: 25.22 min Scan# 3797

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

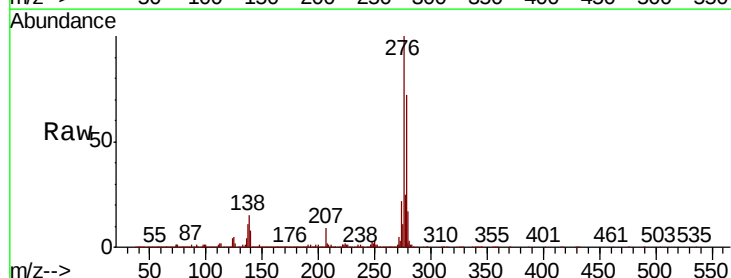
Tgt Ion:276 Resp: 4541076

Ion Ratio Lower Upper

276 100

138 15.6 13.4 20.0

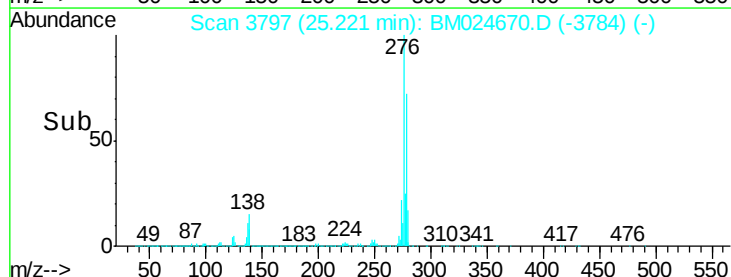
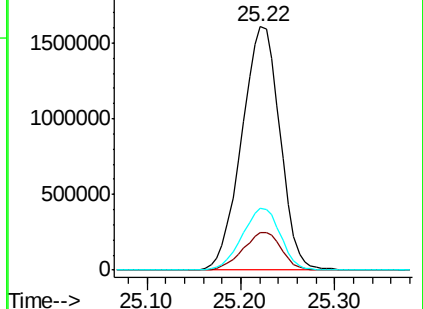
277 25.3 19.6 29.4

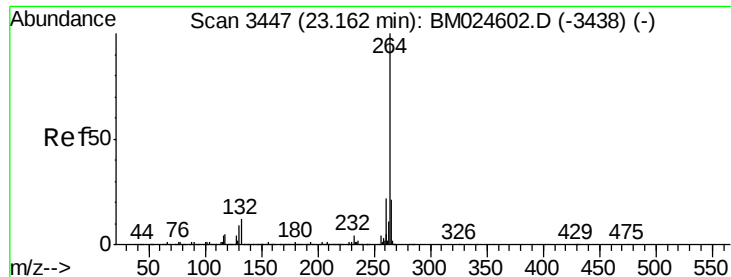


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



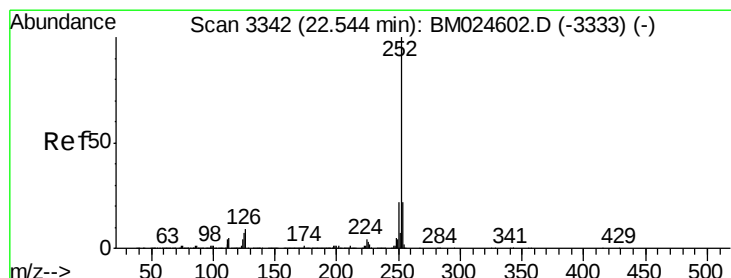
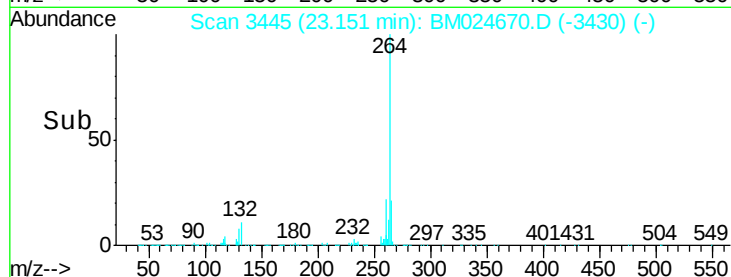
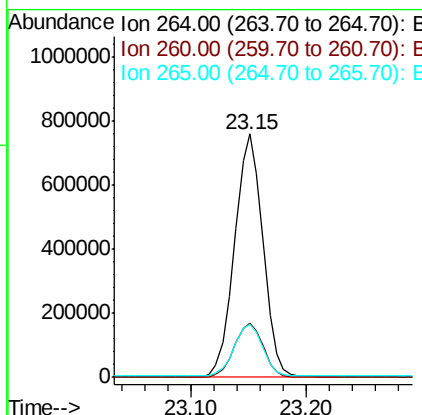
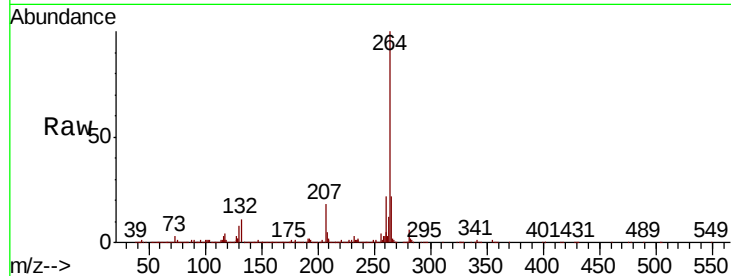


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1297062

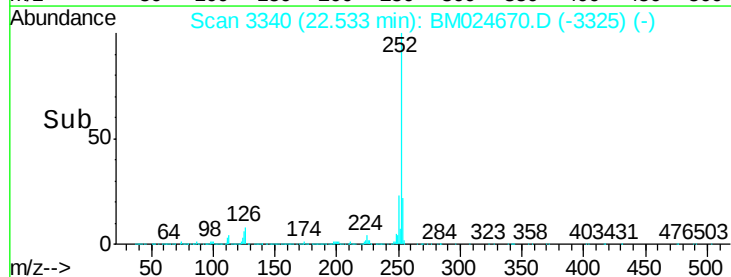
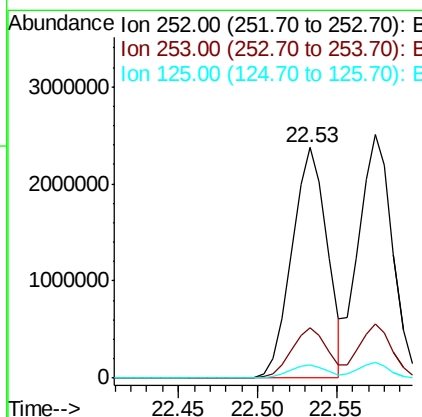
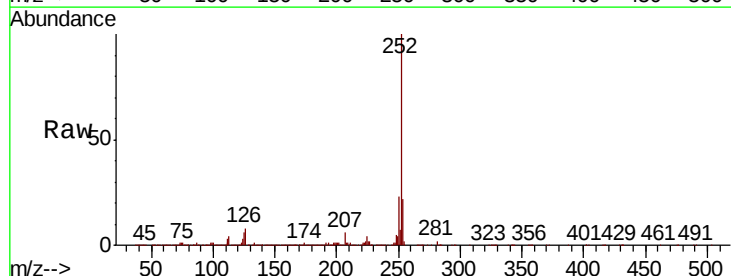
Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.9	26.9
265	21.8	17.3	25.9

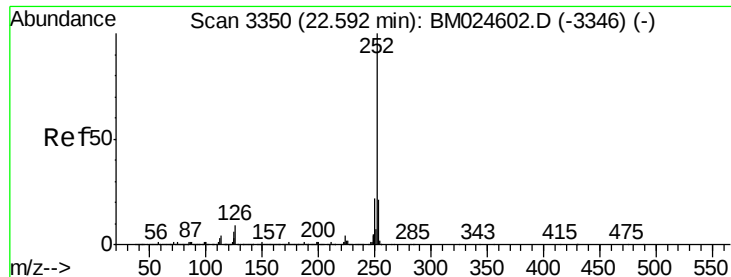


#88
Benzo(b)fluoranthene
Concen: 43.465 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion:252 Resp: 3656477

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	6.0	5.7	8.5





#89

Benzo(k)fluoranthene

Concen: 45.350 ng

RT: 22.57 min Scan# 3347

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

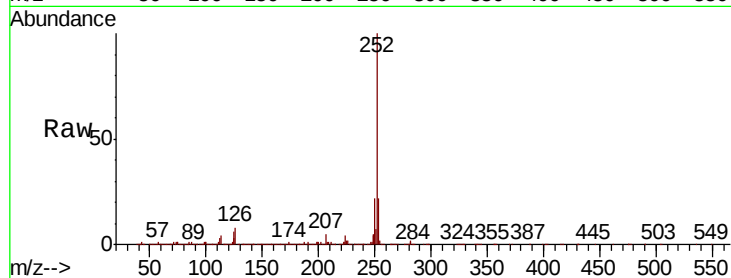
Tot Ion:252 Resp: 3723866

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

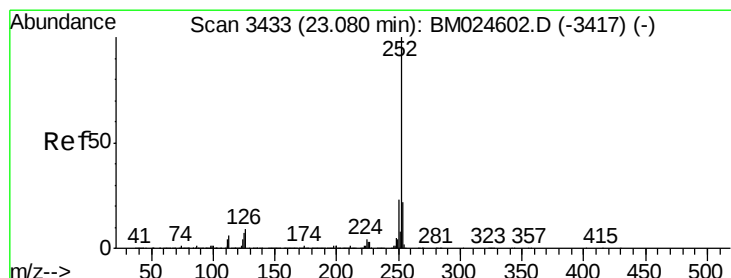
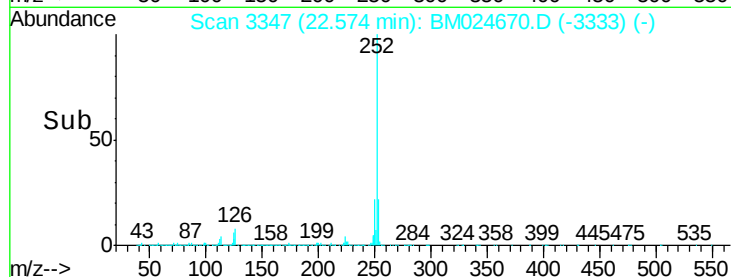
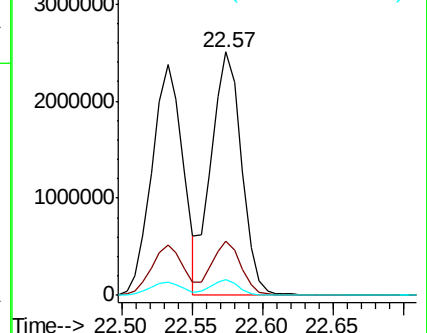
125 6.4 5.2 7.8



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: 45.099 ng

RT: 23.06 min Scan# 3430

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

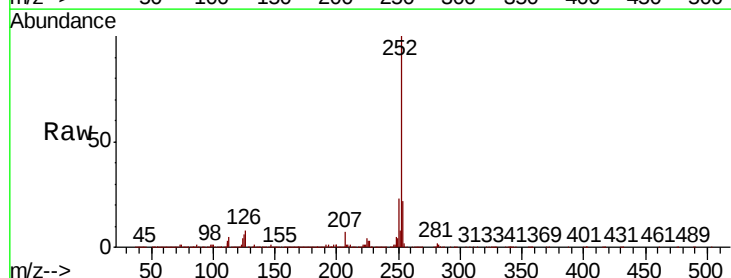
Tgt Ion:252 Resp: 3449314

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

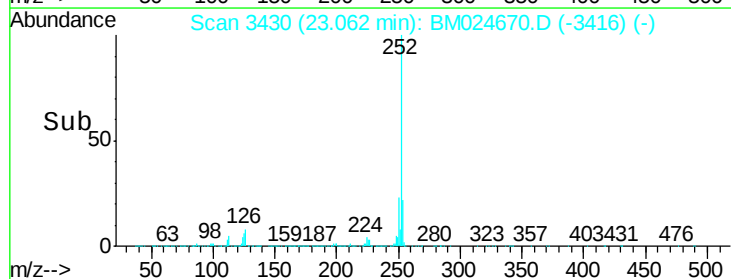
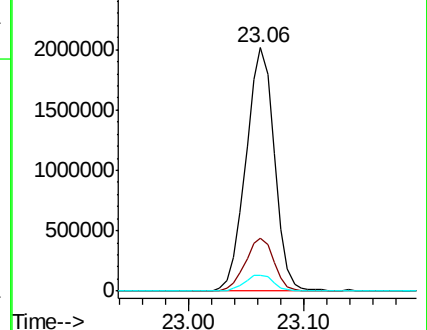
125 6.4 5.8 8.8

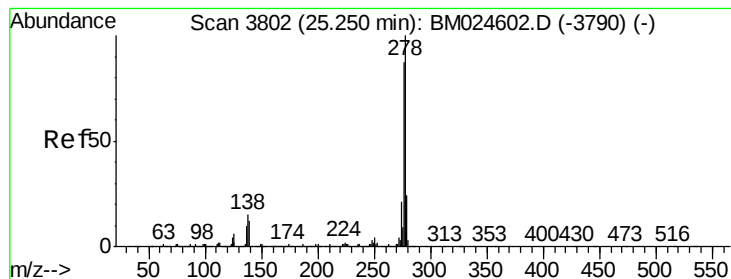


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



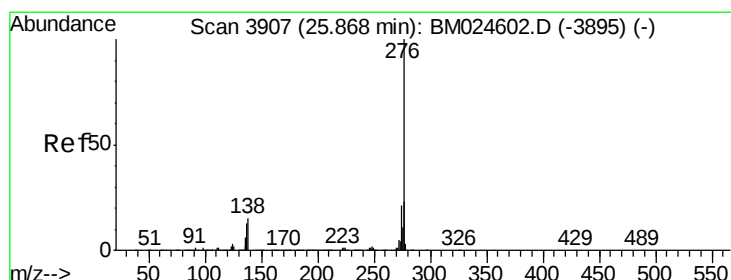
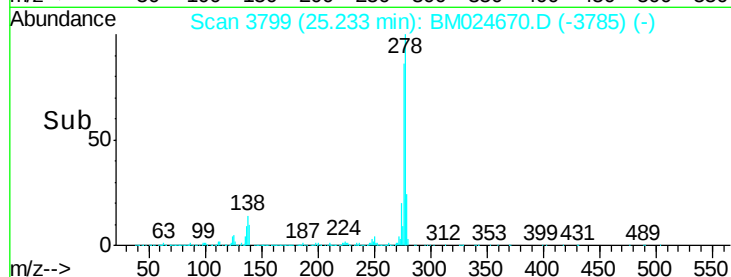
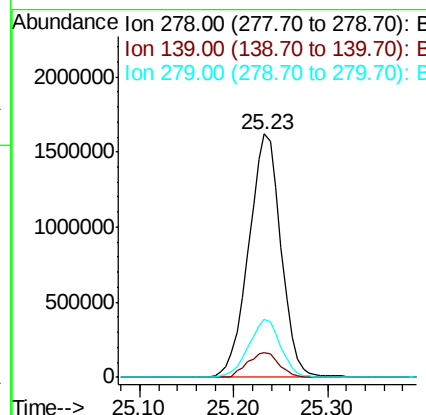
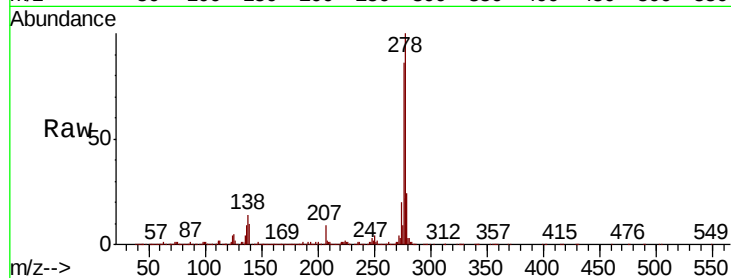


#91
Dibenzo(a,h)anthracene
Concen: 53.035 ng
RT: 25.23 min Scan# 3799
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 3849976

Ion	Ratio	Lower	Upper
278	100		
139	10.0	9.3	13.9
279	23.7	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 57.927 ng
RT: 25.85 min Scan# 3904
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion:276 Resp: 3818304

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	12.3	11.9	17.9

