

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024669.D
 Acq On : 30 Jan 2020 21:32
 Operator : CG/JU
 Sample : L1318-07MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 23:25:05 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	186321	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	656791	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	419454	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	921814	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	1040616	20.00	ng	-0.01
87) Perylene-d12	23.15	264	1336243	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	1158118	118.21	ng	-0.01
7) Phenol-d6	6.63	99	1444065	107.00	ng	-0.01
23) Nitrobenzene-d5	8.57	82	928945	69.36	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	848390	124.34	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	2543362	82.43	ng	-0.02
79) Terphenyl-d14	19.49	244	4440994	79.67	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	149658	38.616	ng	93
3) Pyridine	3.44	79	376242	33.489	ng	95
4) n-Nitrosodimethylamine	3.35	42	176707	35.435	ng	90
6) Aniline	6.77	93	377637	22.985	ng	96
8) 2-Chlorophenol	7.00	128	532727	47.765	ng	91
9) Benzaldehyde	6.58	77	231290	29.003	ng	90
10) Phenol	6.66	94	597137	44.385	ng	96
11) bis(2-Chloroethyl)ether	6.87	93	438709	40.734	ng	95
12) 1,3-Dichlorobenzene	7.32	146	631094	46.060	ng	96
13) 1,4-Dichlorobenzene	7.46	146	639052	45.975	ng	98
14) 1,2-Dichlorobenzene	7.77	146	609800	45.449	ng	97
15) Benzyl Alcohol	7.67	79	432350	38.854	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.97	45	324084	32.870	ng	97
17) 2-Methylphenol	7.88	107	407439	42.976	ng	94
18) Hexachloroethane	8.49	117	221240	41.218	ng	90
19) n-Nitroso-di-n-propylamine	8.24	70	342473	33.797	ng	94
20) 3+4-Methylphenols	8.21	107	541070	41.228	ng	97
22) Acetophenone	8.24	105	709989	41.923	ng	97
24) Nitrobenzene	8.61	77	530857	41.363	ng	95
25) Isophorone	9.14	82	923886	40.600	ng	97
26) 2-Nitrophenol	9.32	139	301712	50.770	ng	88
27) 2,4-Dimethylphenol	9.40	122	447429	55.405	ng	94
28) bis(2-Chloroethoxy)methane	9.62	93	571325	41.099	ng	99
29) 2,4-Dichlorophenol	9.85	162	550276	50.436	ng	96
30) 1,2,4-Trichlorobenzene	10.06	180	650294	49.420	ng	99
31) Naphthalene	10.24	128	1564774	47.170	ng	100
32) Benzoic acid	9.54	122	302734	40.981	ng	93
33) 4-Chloroaniline	10.36	127	146784	10.095	ng	95
34) Hexachlorobutadiene	10.54	225	435641	47.892	ng	98
35) Caprolactam	11.13	113	140560	40.156	ng	88
36) 4-Chloro-3-methylphenol	11.50	107	494281	42.605	ng	92
37) 2-Methylnaphthalene	11.86	142	1182018	46.172	ng	98
38) 1-Methylnaphthalene	12.09	142	1119266	45.963	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	732322	48.918	ng	99

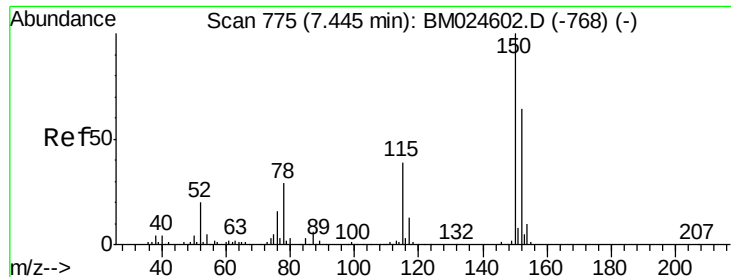
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
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 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	968468	115.416	ng	99
43) 2,4,6-Trichlorophenol	12.50	196	479648	50.349	ng	99
44) 2,4,5-Trichlorophenol	12.57	196	512399	52.667	ng	95
46) 1,1'-Biphenyl	12.90	154	1518430	47.835	ng	99
47) 2-Chloronaphthalene	12.94	162	1234736	48.182	ng	97
48) 2-Nitroaniline	13.15	65	279901	35.812	ng	86
49) Acenaphthylene	13.79	152	1890088	49.268	ng	100
50) Dimethylphthalate	13.56	163	1603938	47.289	ng	99
51) 2,6-Dinitrotoluene	13.66	165	338116	46.887	ng #	81
52) Acenaphthene	14.15	154	1121287	47.102	ng	99
53) 3-Nitroaniline	13.99	138	173186	23.155	ng	93
54) 2,4-Dinitrophenol	14.20	184	413081	95.792	ng #	87
55) Dibenzofuran	14.49	168	1864201	48.017	ng	96
56) 4-Nitrophenol	14.32	139	583515	99.806	ng	86
57) 2,4-Dinitrotoluene	14.46	165	467111	45.197	ng #	84
58) Fluorene	15.14	166	1481501	45.408	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	482399	48.894	ng	95
60) Diethylphthalate	14.94	149	1435959	41.701	ng	98
61) 4-Chlorophenyl-phenylether	15.14	204	837689	44.534	ng	97
62) 4-Nitroaniline	15.16	138	312028	37.795	ng	87
63) Azobenzene	15.43	77	1116710	38.019	ng	94
65) 4,6-Dinitro-2-methylphenol	15.23	198	288777	53.279	ng	86
66) n-Nitrosodiphenylamine	15.36	169	1307686	49.386	ng	99
67) 4-Bromophenyl-phenylether	16.04	248	553501	48.284	ng	96
68) Hexachlorobenzene	16.15	284	641137	48.737	ng	96
69) Atrazine	16.33	200	518271	50.991	ng	99
70) Pentachlorophenol	16.49	266	831408	103.759	ng	99
71) Phenanthrene	16.87	178	2383884	47.756	ng	99
72) Anthracene	16.96	178	2437887	49.913	ng	100
73) Carbazole	17.24	167	2144170	48.223	ng	98
74) Di-n-butylphthalate	17.83	149	2427384	42.703	ng	99
75) Fluoranthene	18.90	202	3014222	48.380	ng	98
77) Benzidine	19.10	184	1632572	67.365	ng	99
78) Pyrene	19.26	202	3114589	45.401	ng	100
80) Butylbenzylphthalate	20.20	149	1153383	40.068	ng	93
81) Benzo(a)anthracene	21.03	228	3399079	47.062	ng	100
82) 3,3'-Dichlorobenzidine	20.97	252	1127337	43.391	ng	98
83) Chrysene	21.08	228	3276293	47.539	ng	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	1680873	39.574	ng #	95
85) Di-n-octyl phthalate	21.85	149	3093145	44.079	ng #	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	4775772	63.579	ng	98
88) Benzo(b)fluoranthene	22.53	252	3932005	45.370	ng	99
89) Benzo(k)fluoranthene	22.58	252	3762403	44.476	ng	99
90) Benzo(a)pyrene	23.06	252	3623454	45.986	ng	99
91) Dibenzo(a,h)anthracene	25.24	278	4043351	54.065	ng	99
92) Benzo(g,h,i)perylene	25.85	276	4022876	59.241	ng	98

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

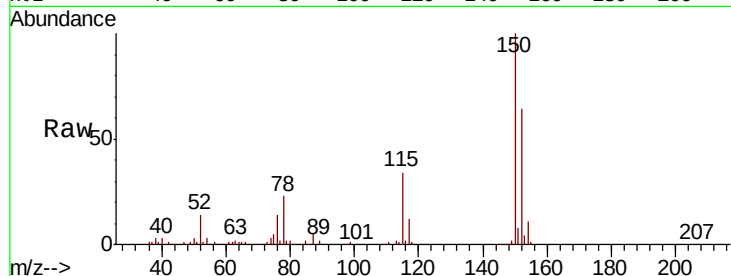


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.2	186.4
115	54.2	48.6	72.8

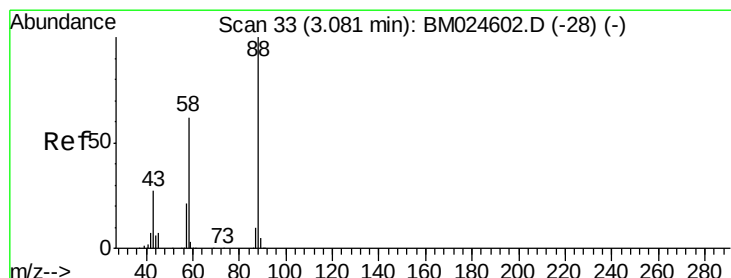
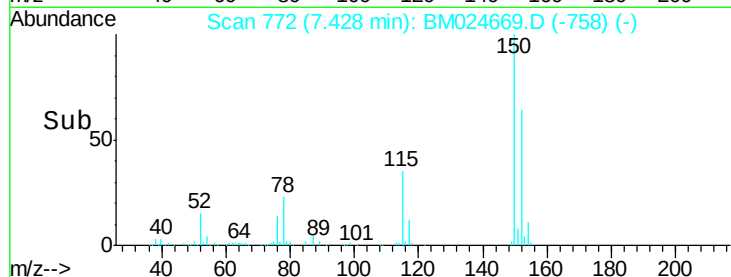
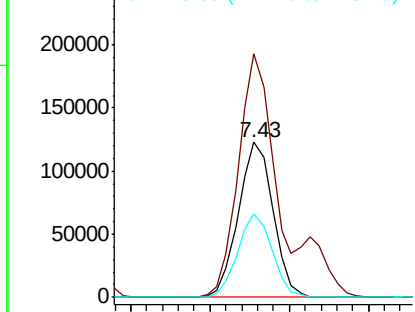


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

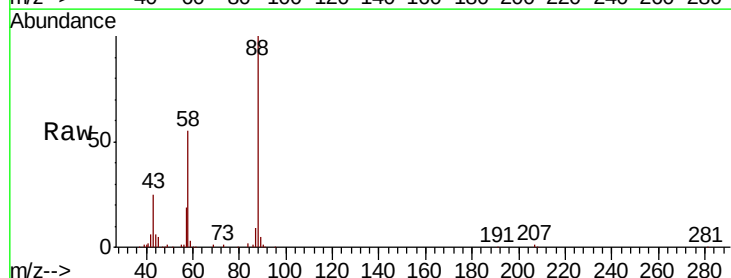
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.616 ng
RT: 3.06 min Scan# 30
Delta R.T. -0.02 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.6	50.0	75.0
43	24.9	21.6	32.4

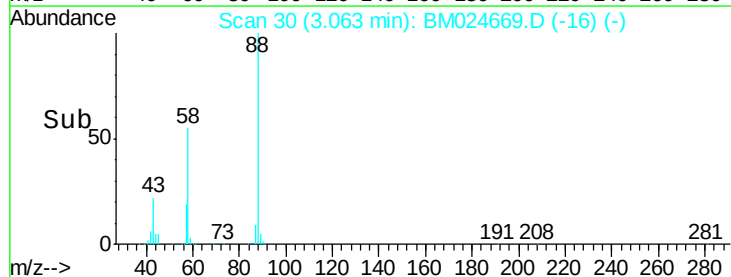
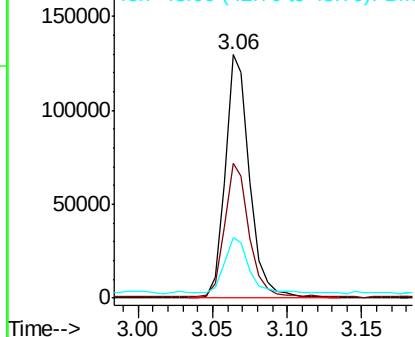


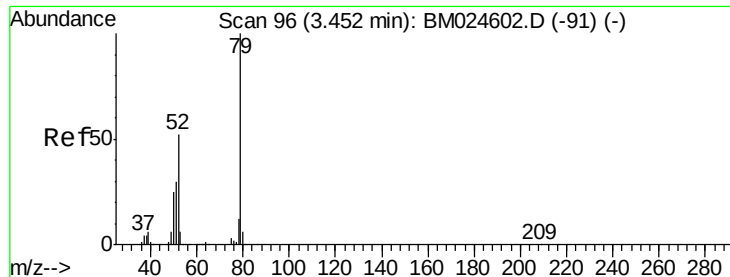
Abundance

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: 33.489 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

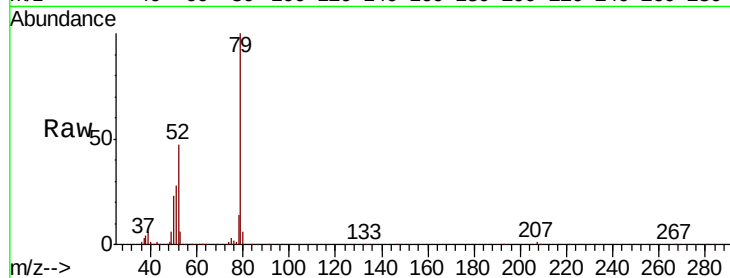
Tot Ion: 79 Resp: 376242

Ion Ratio Lower Upper

79 100

52 47.4 41.4 62.2

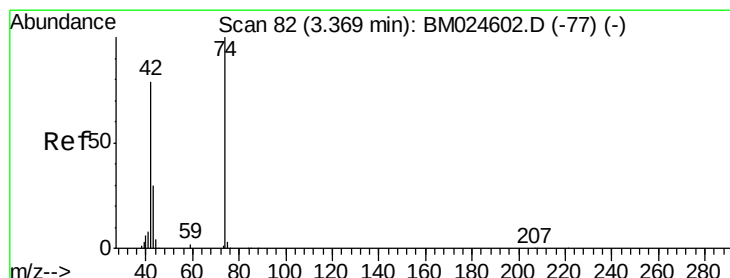
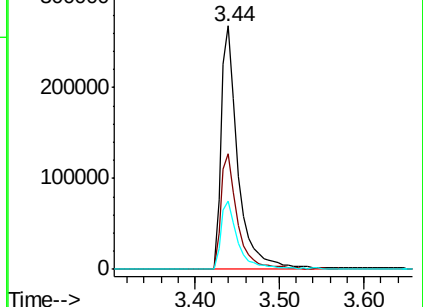
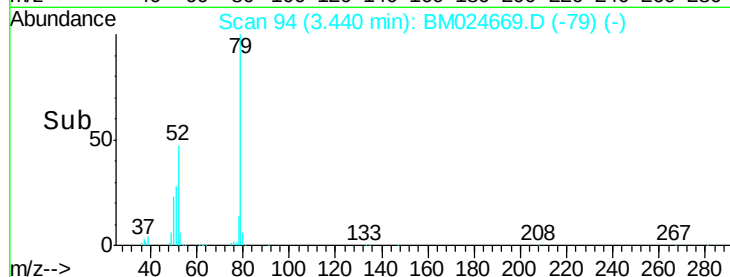
51 28.0 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024669.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM024669.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM024669.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 35.435 ng

RT: 3.35 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

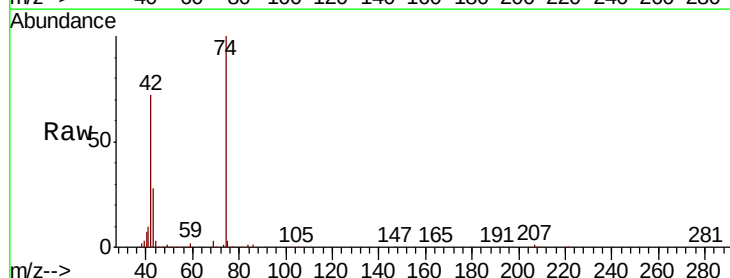
Tgt Ion: 42 Resp: 176707

Ion Ratio Lower Upper

42 100

74 139.2 101.4 152.2

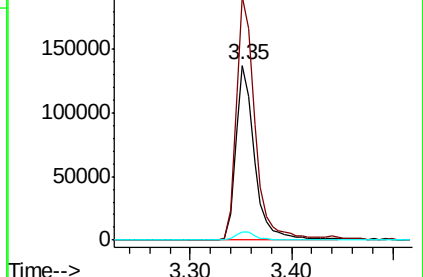
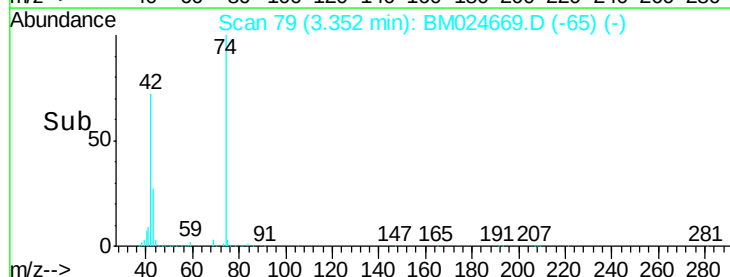
44 4.8 4.6 6.8

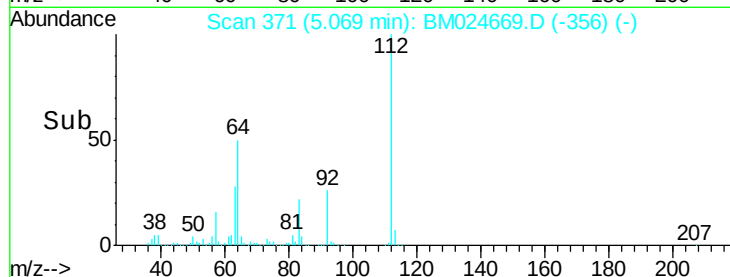
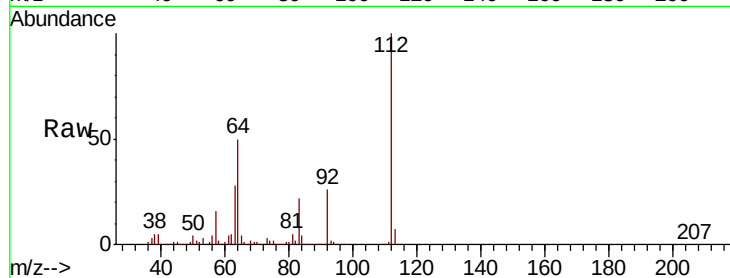
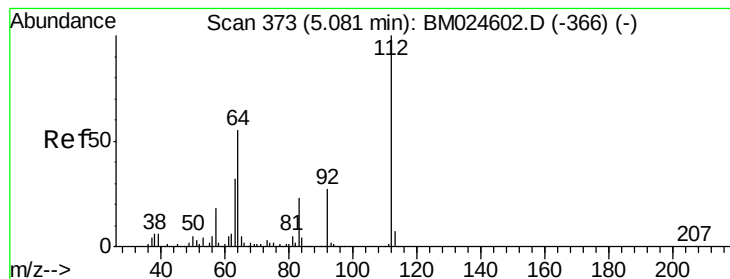


Abundance Ion 42.00 (41.70 to 42.70): BM024669.D (-65) (-)

Ion 74.00 (73.70 to 74.70): BM024669.D (-65) (-)

Ion 44.00 (43.70 to 44.70): BM024669.D (-65) (-)





#5

2-Fluorophenol

Concen: 118.208 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

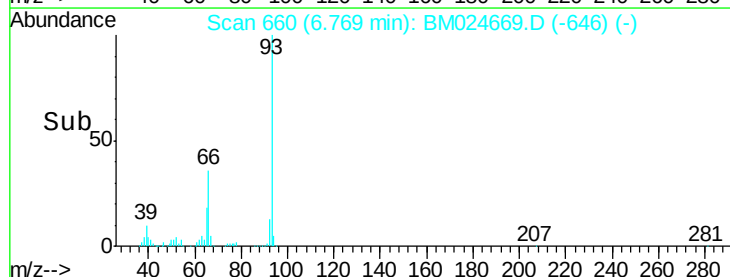
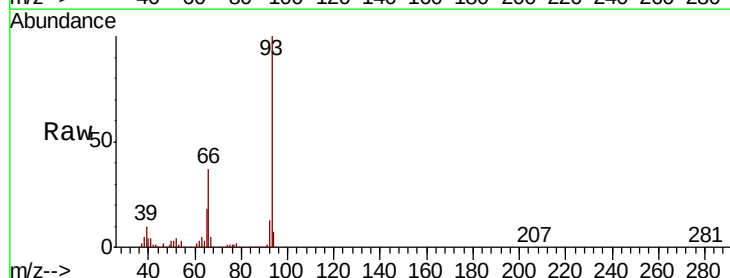
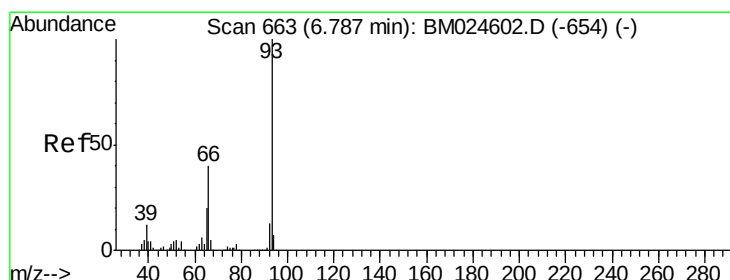
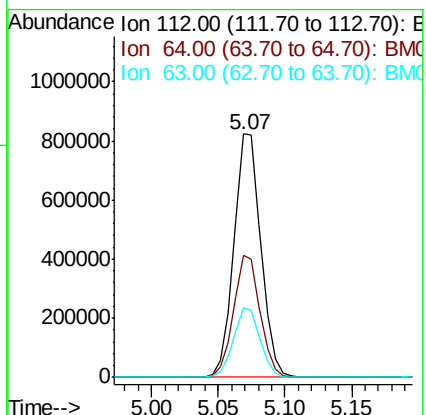
Tot Ion:112 Resp: 1158118

Ion Ratio Lower Upper

112 100

64 50.4 44.2 66.4

63 28.5 25.9 38.9



#6

Aniline

Concen: 22.985 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

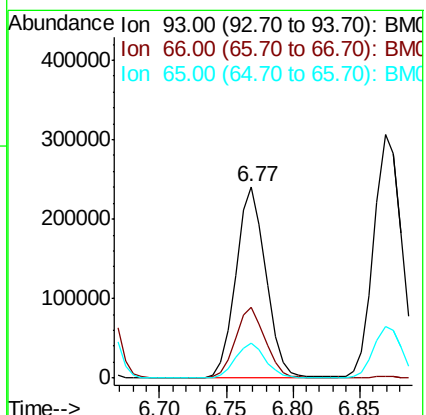
Tgt Ion: 93 Resp: 377637

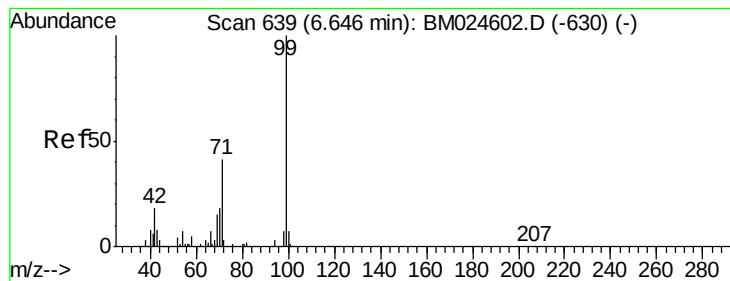
Ion Ratio Lower Upper

93 100

66 36.9 31.8 47.8

65 18.2 15.8 23.6





#7

Phenol-d6

Concen: 106.996 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

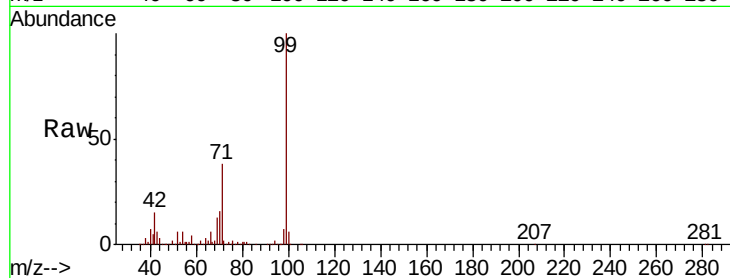
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1444065

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.1	21.1
71	38.2	33.0	49.6

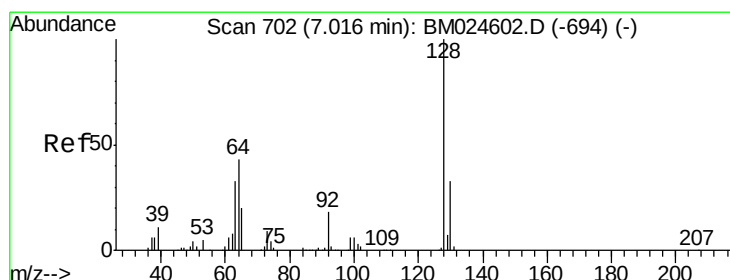
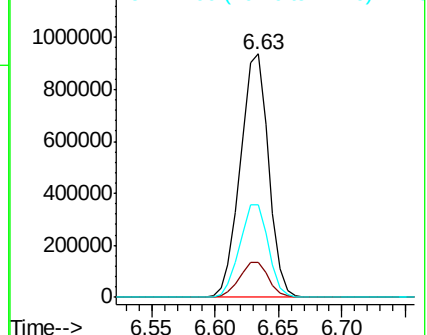
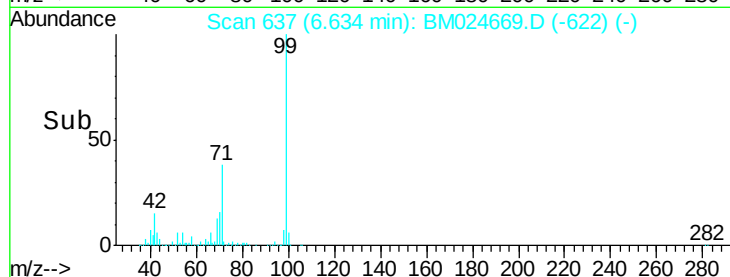


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#8

2-Chlorophenol

Concen: 47.765 ng

RT: 7.00 min Scan# 700

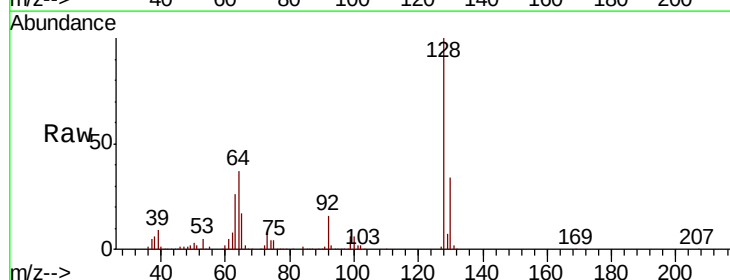
Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Tgt Ion: 128 Resp: 532727

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.5	52.5
64	36.7	26.1	66.1

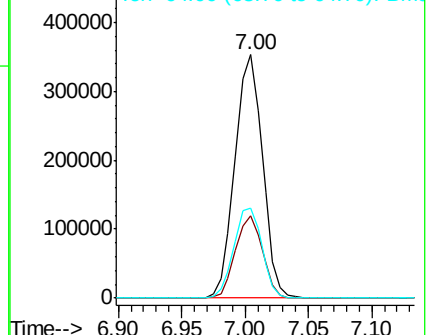
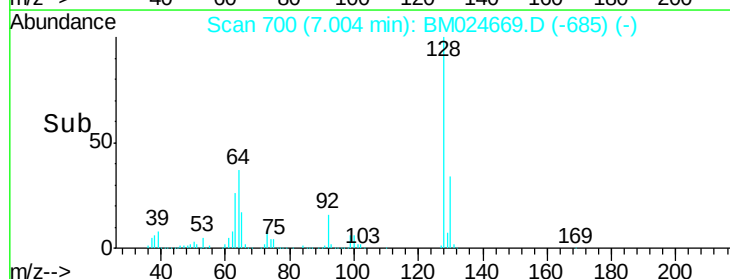


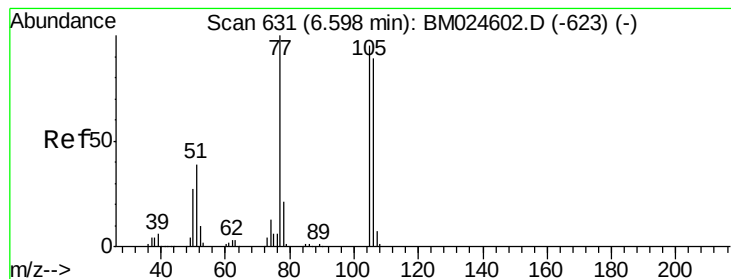
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM0





#9

Benzaldehyde

Concen: 29.003 ng

RT: 6.58 min Scan# 628

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

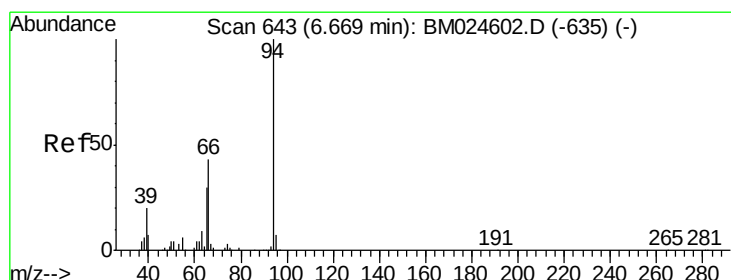
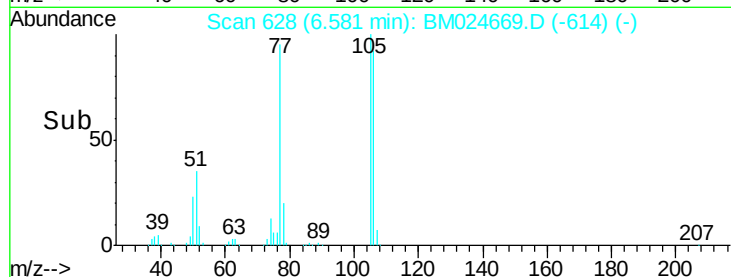
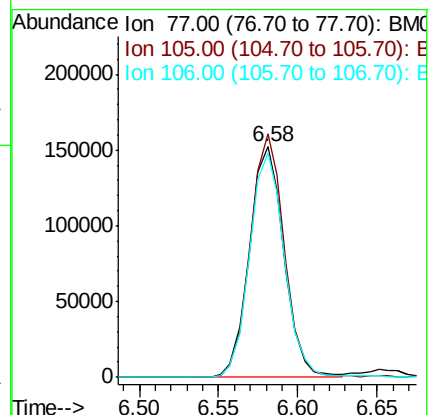
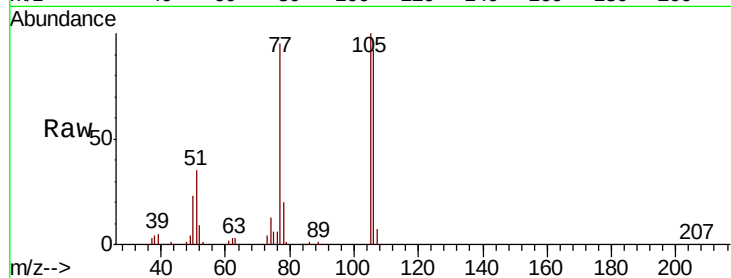
Tot Ion: 77 Resp: 231290

Ion Ratio Lower Upper

77 100

105 105.6 75.2 115.2

106 97.3 68.6 108.6



#10

Phenol

Concen: 44.385 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

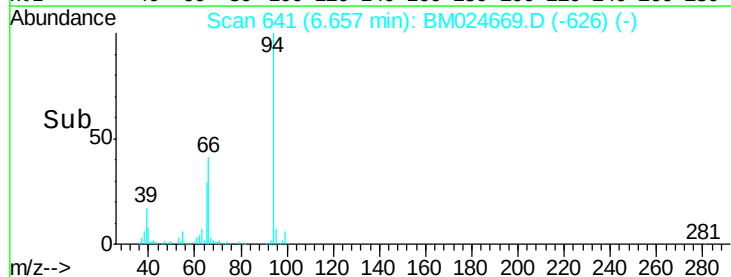
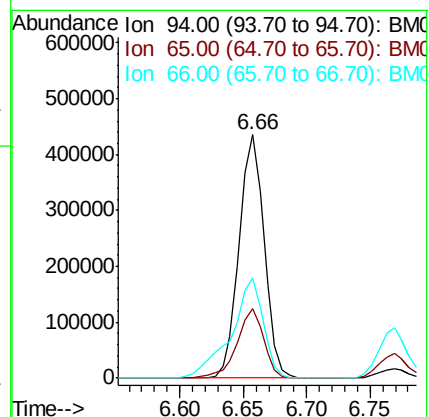
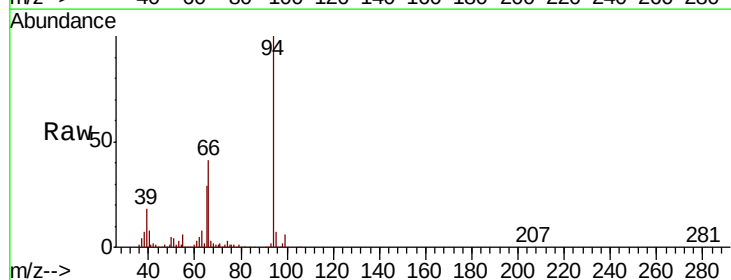
Tgt Ion: 94 Resp: 597137

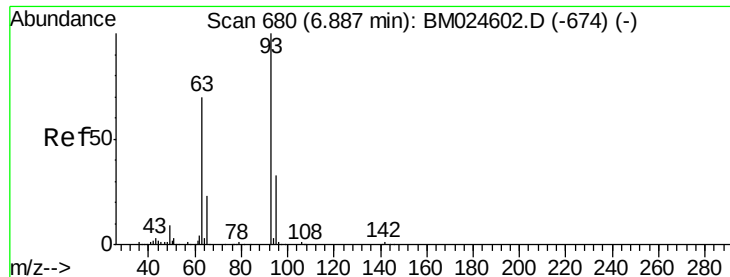
Ion Ratio Lower Upper

94 100

65 28.6 10.3 50.3

66 41.4 24.8 64.8





#11

bis(2-Chloroethyl)ether

Concen: 40.734 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

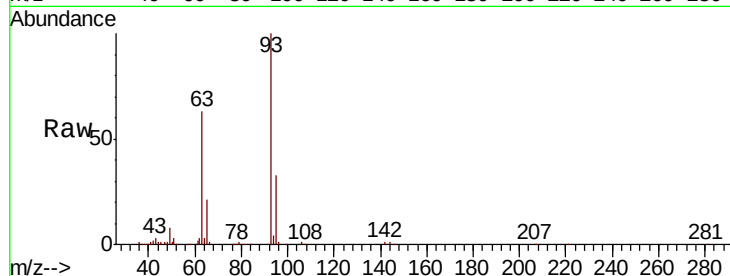
Tot Ion: 93 Resp: 438709

Ion Ratio Lower Upper

93 100

63 63.3 49.6 89.6

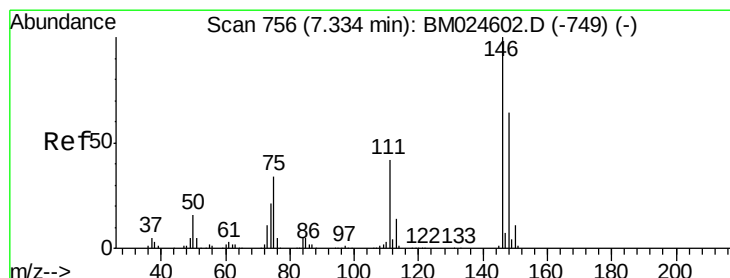
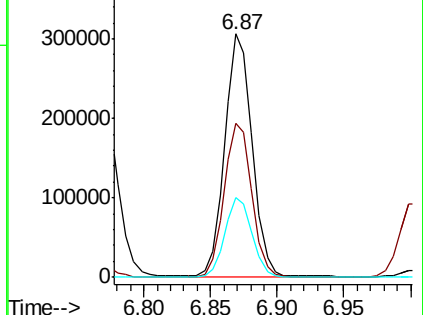
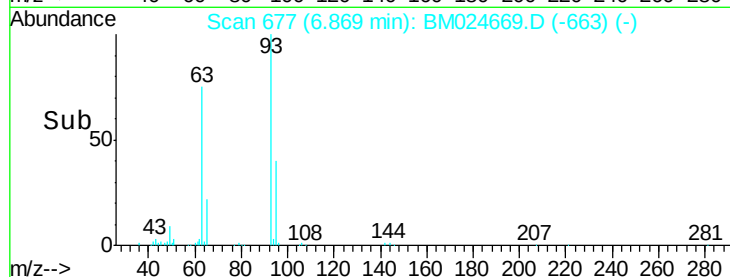
95 33.0 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BM024669.D (-663) (-)

Ion 63.00 (62.70 to 63.70): BM024669.D (-663) (-)

Ion 95.00 (94.70 to 95.70): BM024669.D (-663) (-)



#12

1,3-Dichlorobenzene

Concen: 46.060 ng

RT: 7.32 min Scan# 754

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

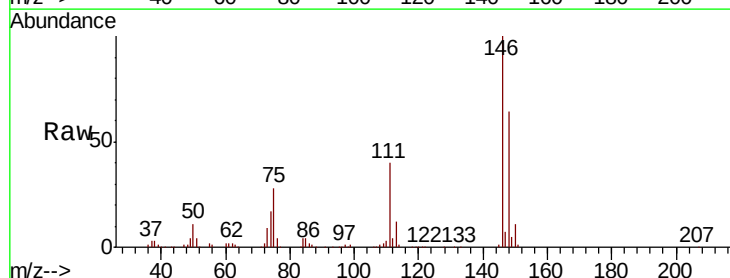
Tgt Ion: 146 Resp: 631094

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

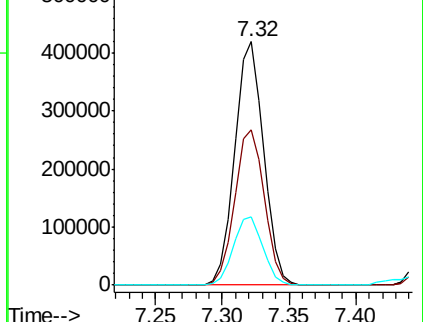
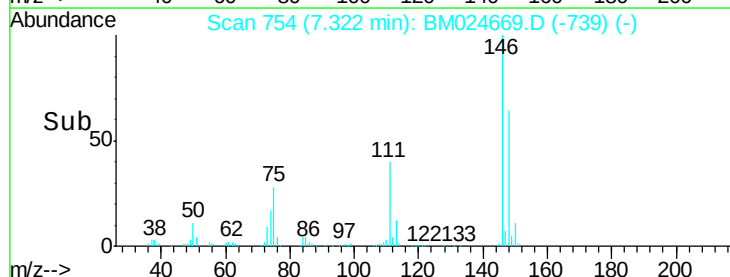
75 27.8 27.0 40.4

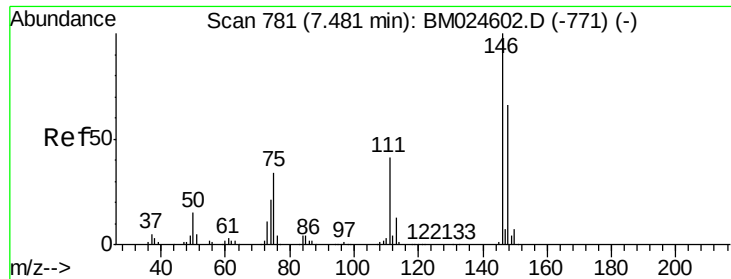


Abundance Ion 146.00 (145.70 to 146.70): BM024669.D (-739) (-)

Ion 148.00 (147.70 to 148.70): BM024669.D (-739) (-)

Ion 75.00 (74.70 to 75.70): BM024669.D (-739) (-)

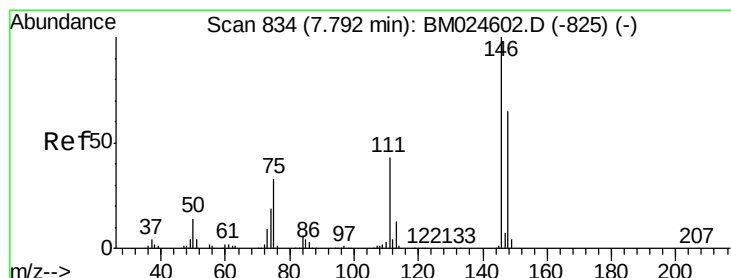
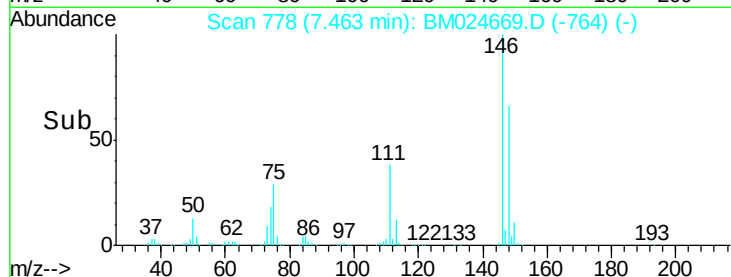
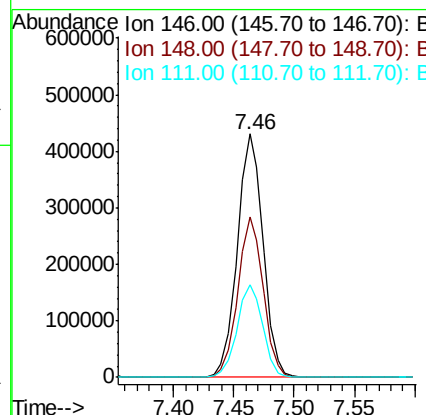
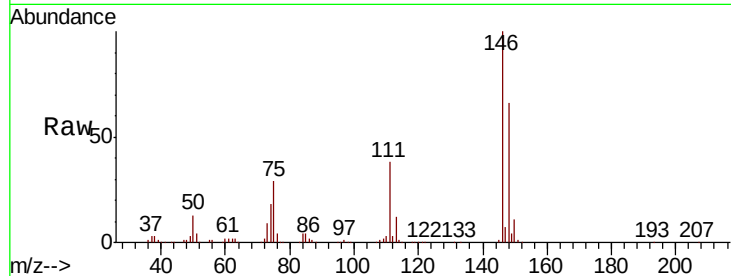




#13
 1,4-Dichlorobenzene
 Concen: 45.975 ng
 RT: 7.46 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BM024669.D
 Acq: 30 Jan 2020 21:32

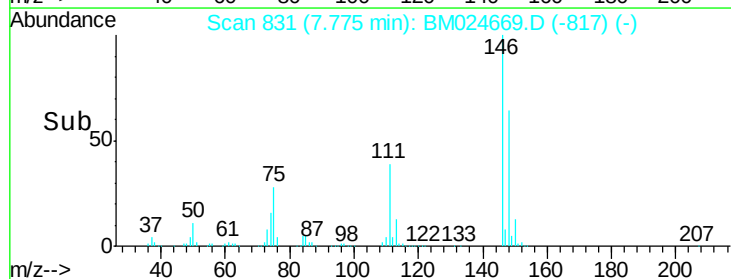
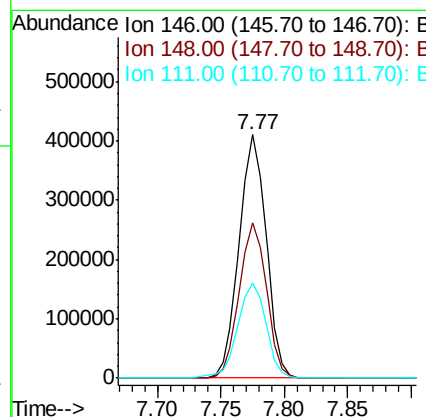
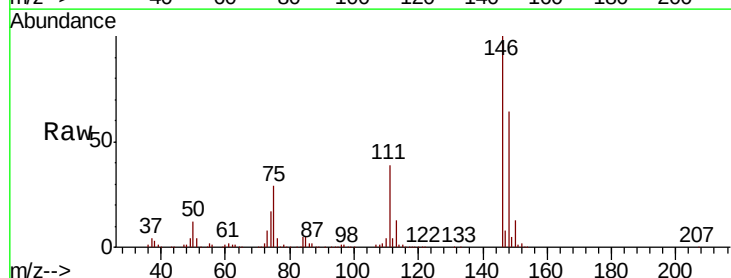
Instrument :
 BNA_M
 ClientSampled :

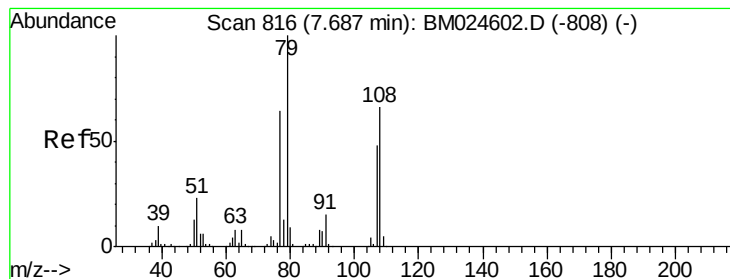
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.5	78.7
111	38.0	33.0	49.4



#14
 1,2-Dichlorobenzene
 Concen: 45.449 ng
 RT: 7.77 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BM024669.D
 Acq: 30 Jan 2020 21:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
111	39.1	34.5	51.7





#15

Benzyl Alcohol

Concen: 38.854 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampled :

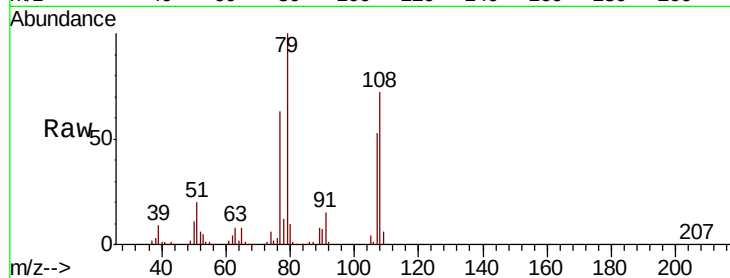
Tot Ion: 79 Resp: 432350

Ion Ratio Lower Upper

79 100

108 72.3 53.0 79.4

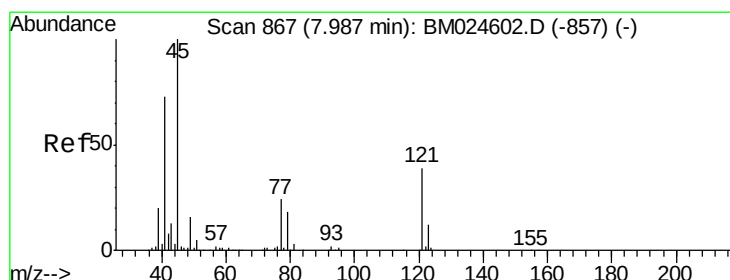
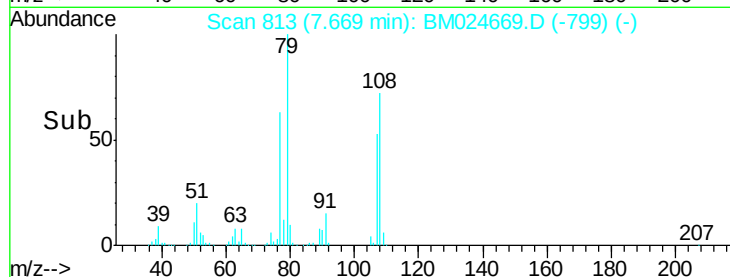
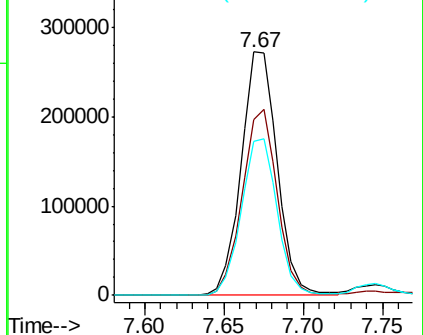
77 63.4 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024669.D (-799) (-)

Ion 108.00 (107.70 to 108.70): BM024669.D (-799) (-)

Ion 77.00 (76.70 to 77.70): BM024669.D (-799) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.870 ng

RT: 7.97 min Scan# 864

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

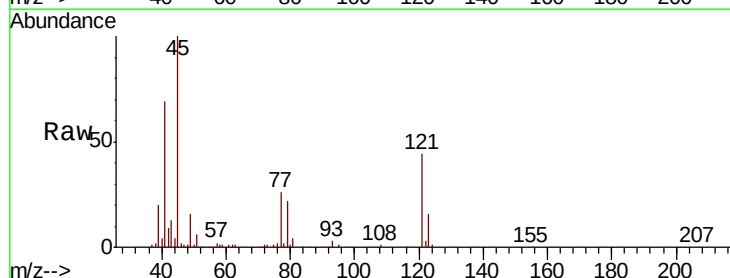
Tgt Ion: 45 Resp: 324084

Ion Ratio Lower Upper

45 100

77 26.1 5.2 45.2

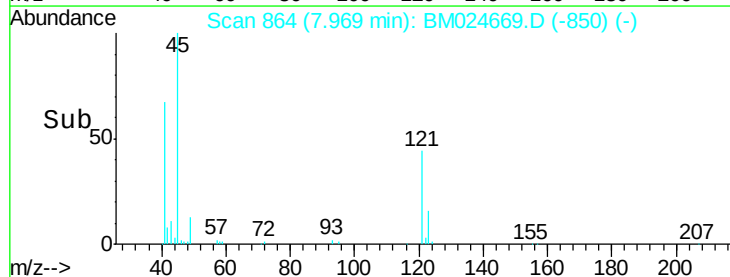
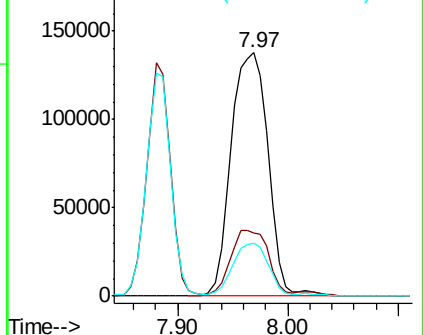
79 21.9 0.0 39.4

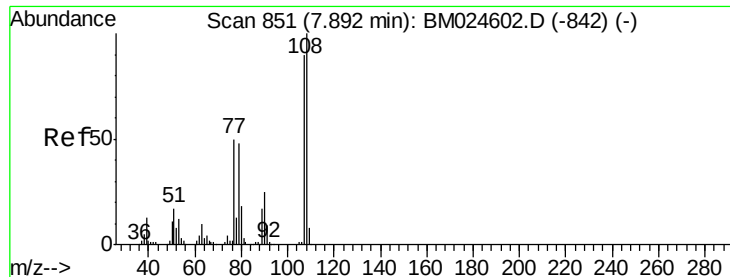


Abundance Ion 45.00 (44.70 to 45.70): BM024669.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM024669.D (-850) (-)

Ion 79.00 (78.70 to 79.70): BM024669.D (-850) (-)





#17

2-Methylphenol

Concen: 42.976 ng

RT: 7.88 min Scan# 849

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 407439

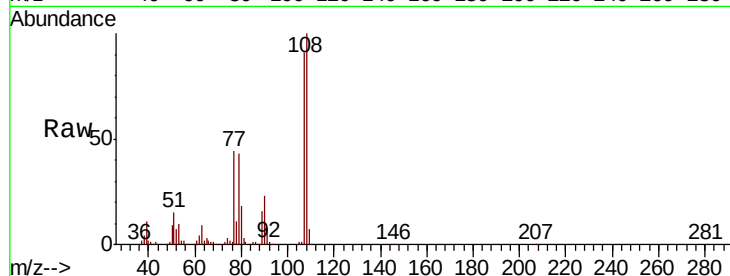
Ion Ratio Lower Upper

107 100

108 109.4 88.9 133.3

77 48.5 44.5 66.7

79 46.5 42.9 64.3

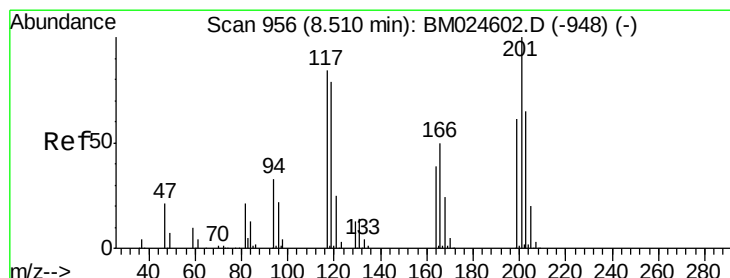
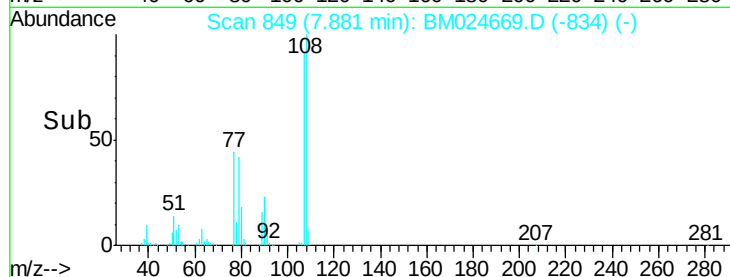
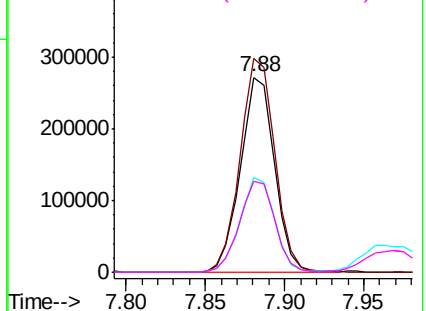


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 41.218 ng

RT: 8.49 min Scan# 953

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

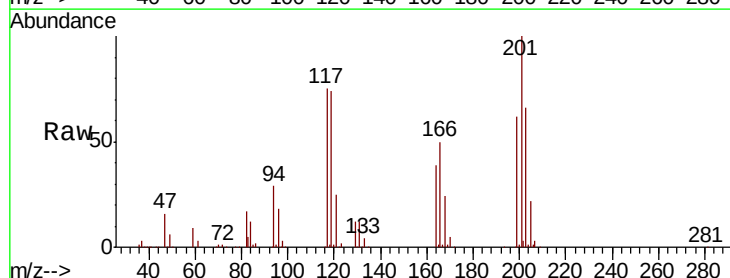
Tgt Ion:117 Resp: 221240

Ion Ratio Lower Upper

117 100

119 99.8 75.4 113.2

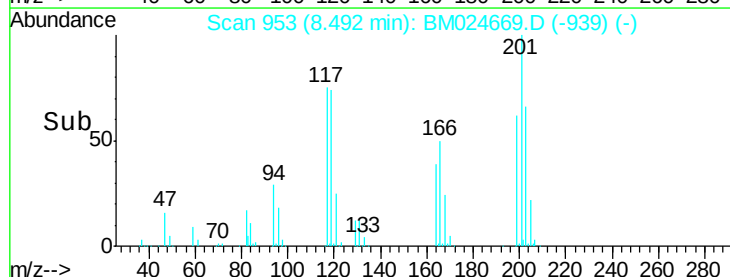
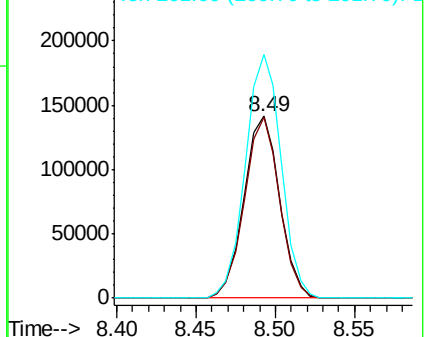
201 134.1 95.8 143.6

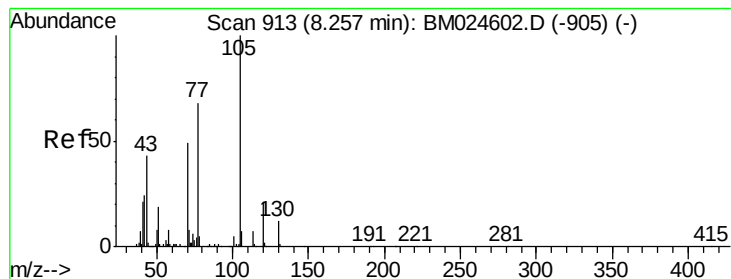


Abundance Ion 117.00 (116.70 to 117.70): E

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: 33.797 ng

RT: 8.24 min Scan# 910

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 342473

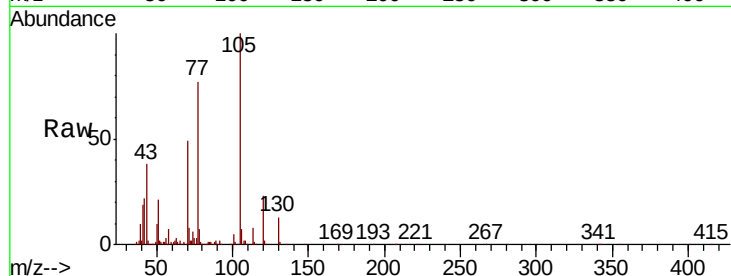
Ion Ratio Lower Upper

70 100

42 44.9 40.0 60.0

101 10.8 8.2 12.2

130 25.7 18.6 27.8

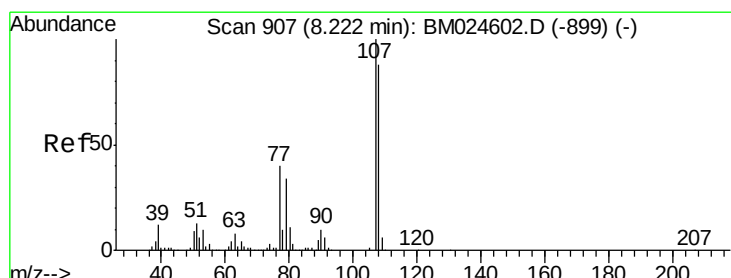
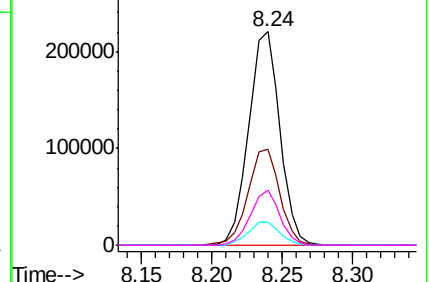
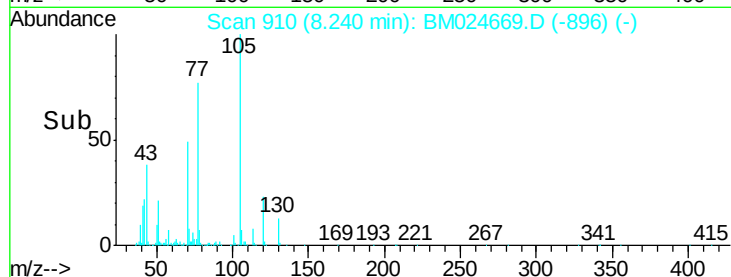


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 41.228 ng

RT: 8.21 min Scan# 905

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Tgt Ion: 107 Resp: 541070

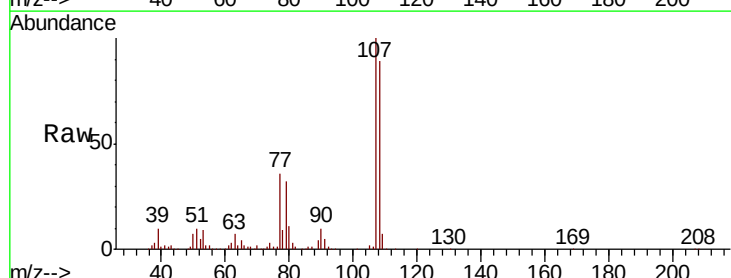
Ion Ratio Lower Upper

107 100

108 89.0 68.0 108.0

77 35.7 19.9 59.9

79 31.7 13.7 53.7

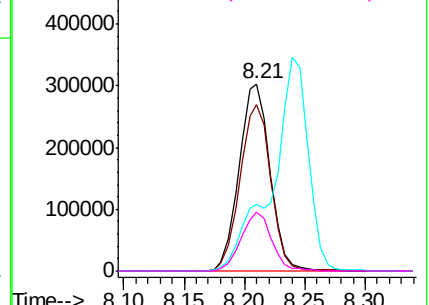
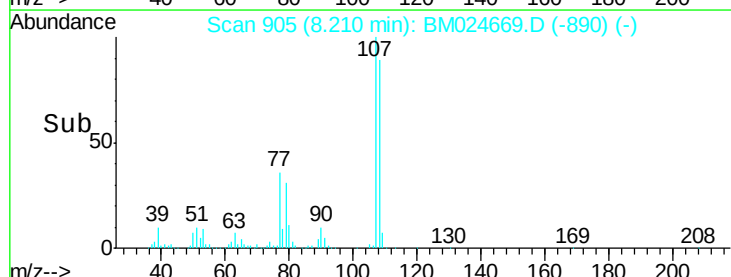


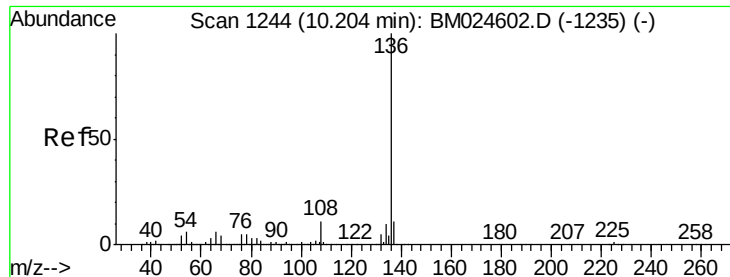
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

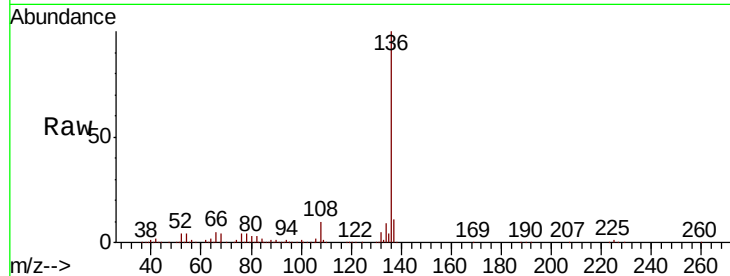




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 656791
Ion Ratio	Lower Upper
136 100	
137 11.3	8.6 13.0
54 4.4	4.5 6.7#
68 4.2	3.4 5.0



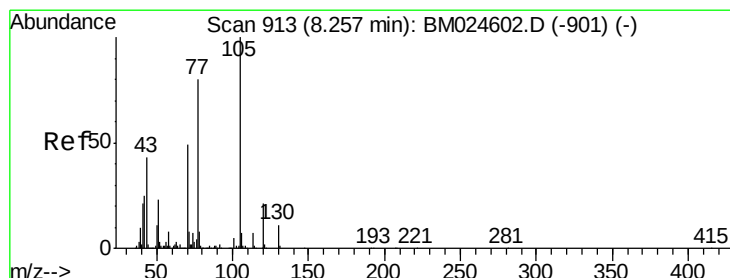
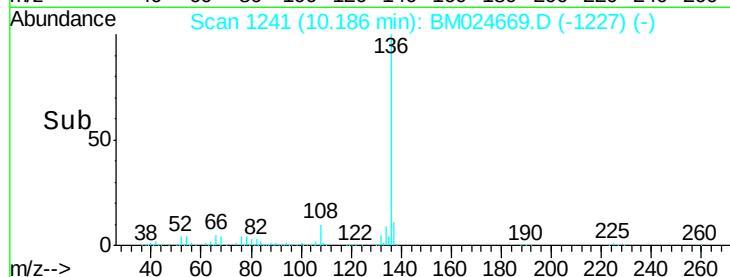
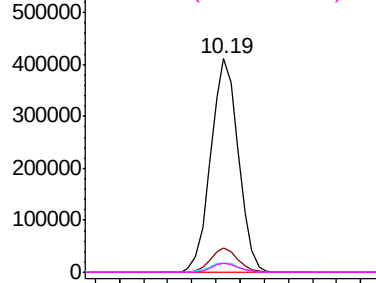
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

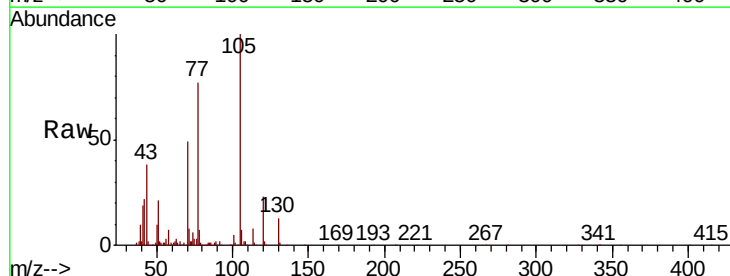
Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22
Acetophenone
Concen: 41.923 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.02 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Tgt Ion:105	Resp: 709989
Ion Ratio	Lower Upper
105 100	
71 8.2	6.7 10.1
51 21.1	18.5 27.7
120 22.7	16.6 25.0



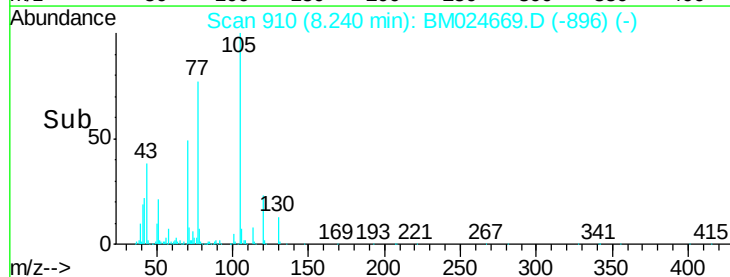
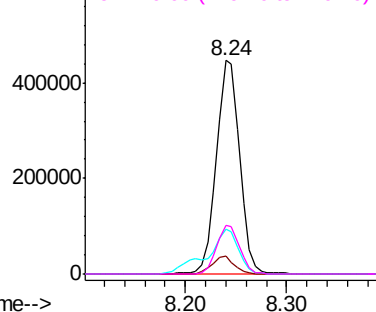
Abundance

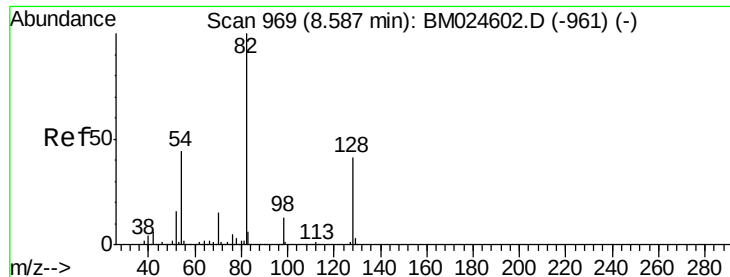
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E

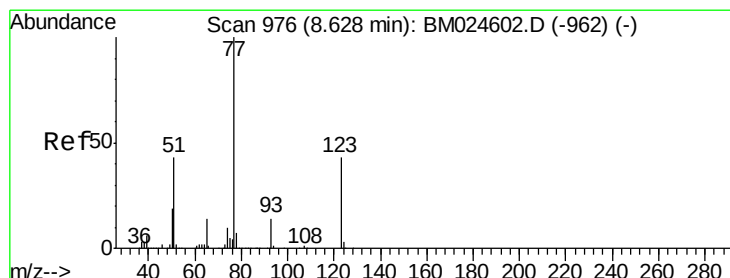
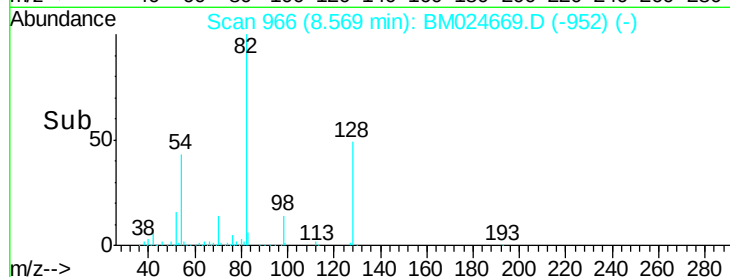
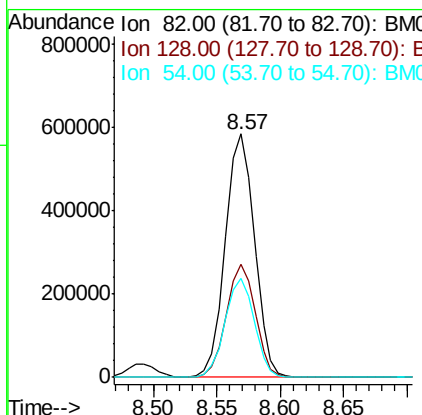
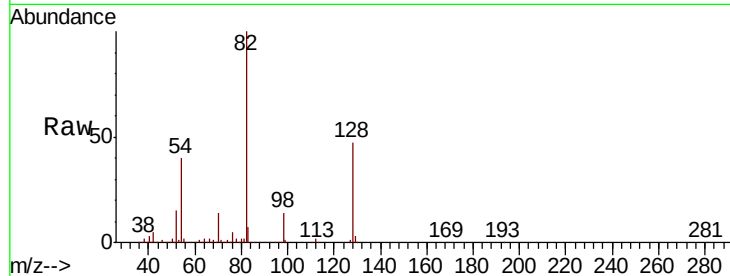




#23
 Nitrobenzene-d5
 Concen: 69.363 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM024669.D
 Acq: 30 Jan 2020 21:32

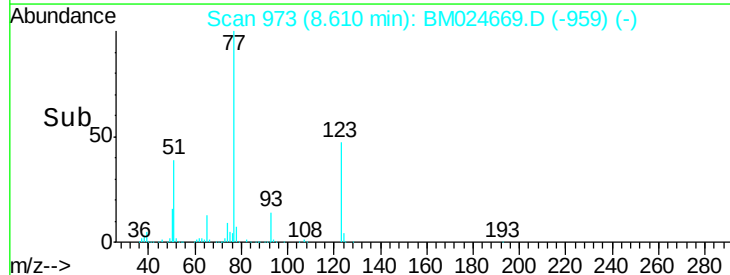
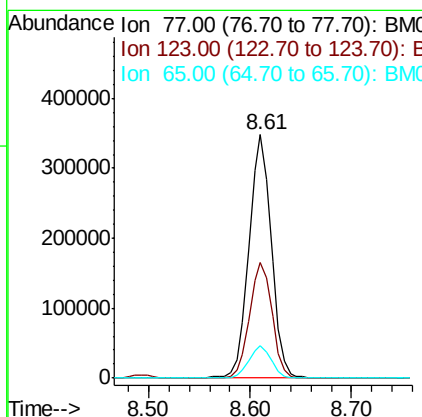
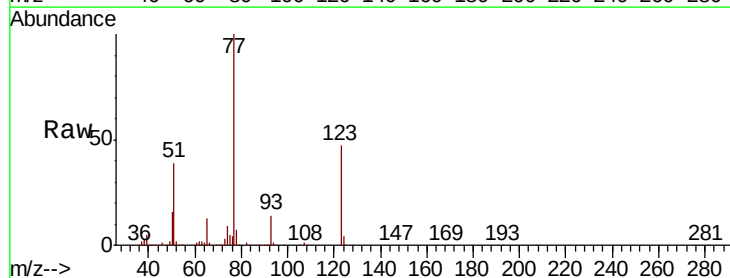
Instrument :
 BNA_M
 ClientSampleId :

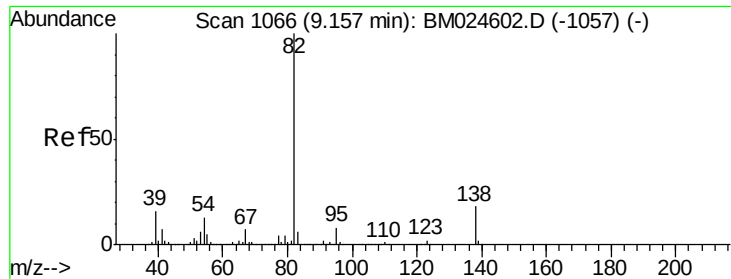
Tot Ion	82	Resp	928945
Ion Ratio	100	Lower	Upper
128	46.5	32.6	48.8
54	40.5	34.8	52.2



#24
 Nitrobenzene
 Concen: 41.363 ng
 RT: 8.61 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BM024669.D
 Acq: 30 Jan 2020 21:32

Tgt Ion	77	Resp	530857
Ion Ratio	100	Lower	Upper
123	47.4	34.6	52.0
65	13.3	11.0	16.4





#25

Isophorone

Concen: 40.600 ng

RT: 9.14 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

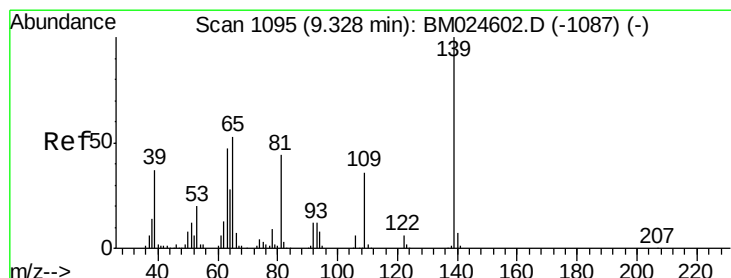
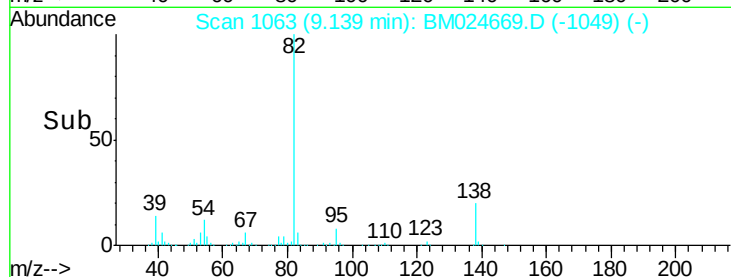
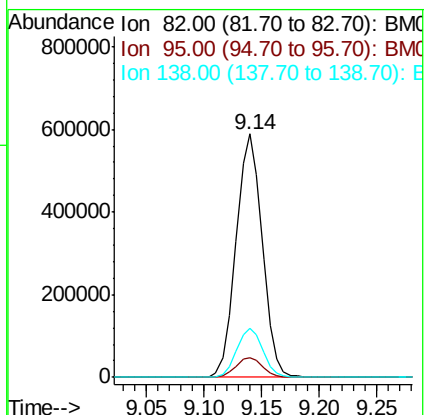
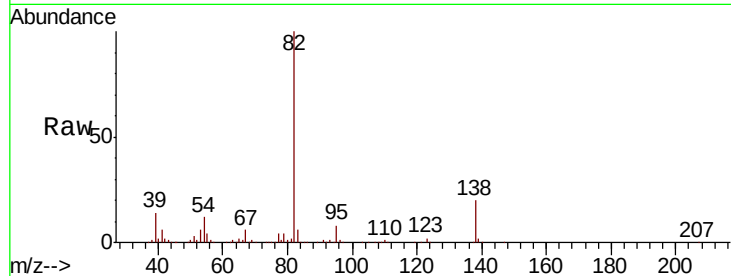
Tot Ion: 82 Resp: 923886

Ion Ratio Lower Upper

82 100

95 8.3 6.7 10.1

138 20.0 14.7 22.1



#26

2-Nitrophenol

Concen: 50.770 ng

RT: 9.32 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

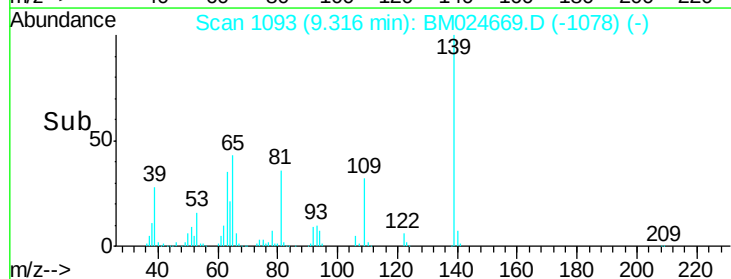
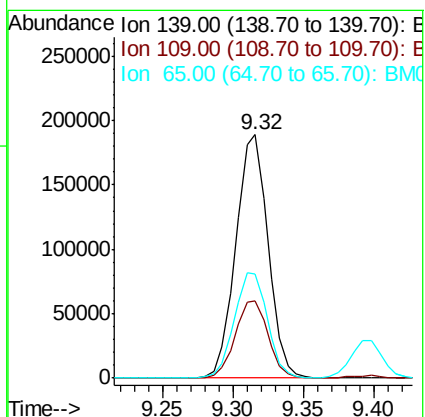
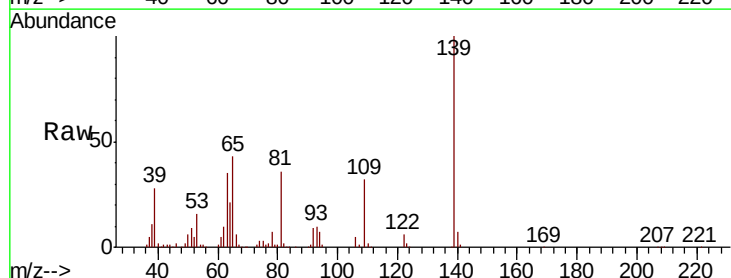
Tgt Ion: 139 Resp: 301712

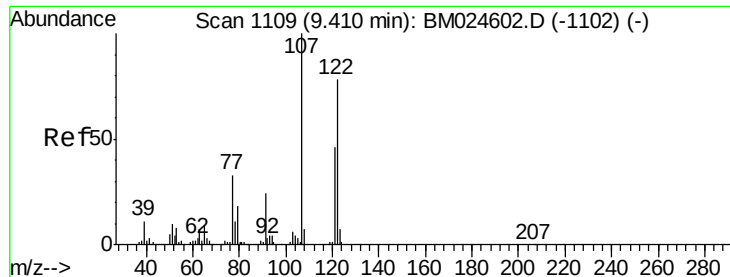
Ion Ratio Lower Upper

139 100

109 32.0 28.8 43.2

65 42.6 42.6 63.8





#27

2,4-Dimethylphenol

Concen: 55.405 ng

RT: 9.40 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampled :

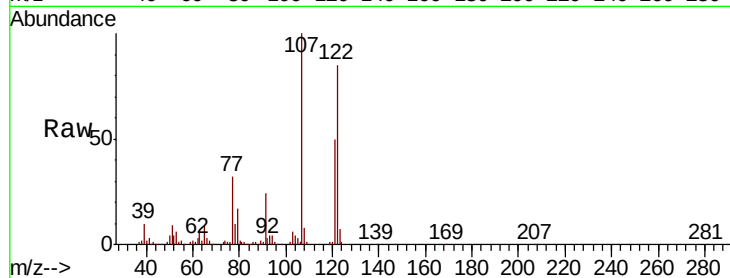
Tot Ion:122 Resp: 447429

Ion Ratio Lower Upper

122 100

107 117.7 102.5 153.7

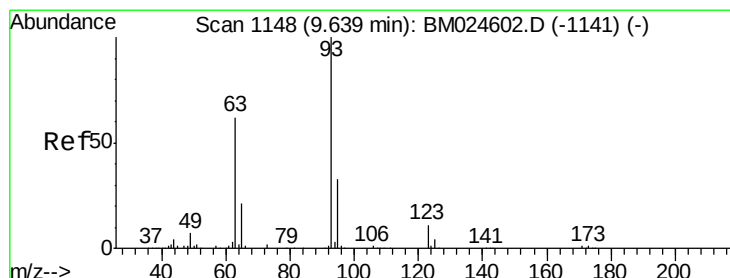
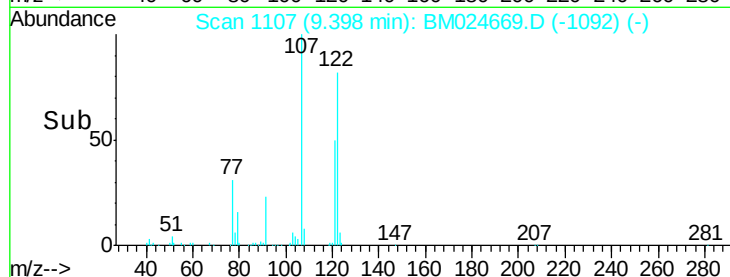
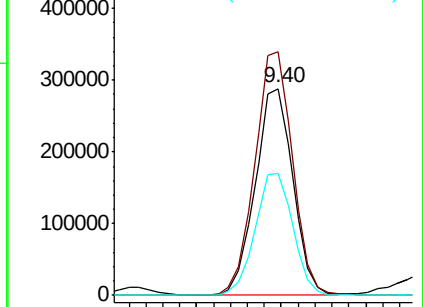
121 59.2 47.0 70.4



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: 41.099 ng

RT: 9.62 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

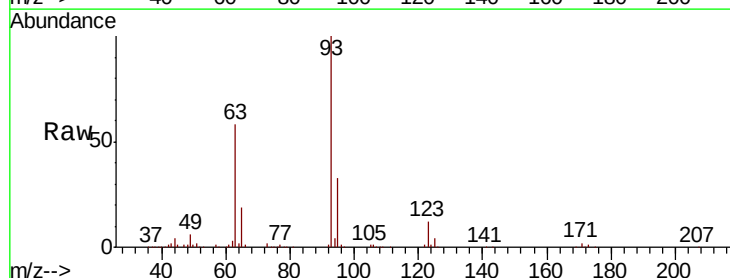
Tgt Ion: 93 Resp: 571325

Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

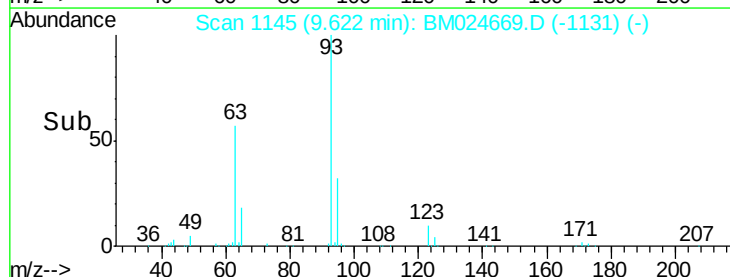
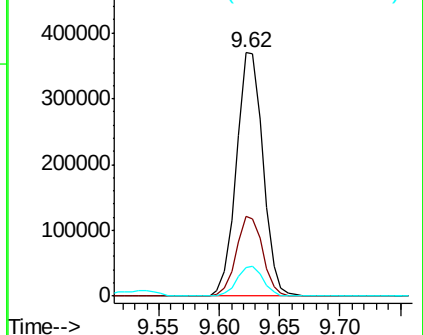
123 11.9 8.7 13.1

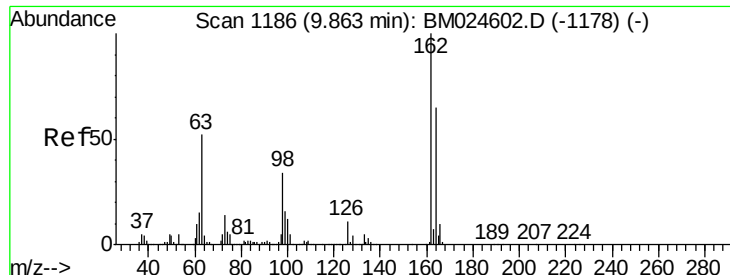


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.436 ng

RT: 9.85 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

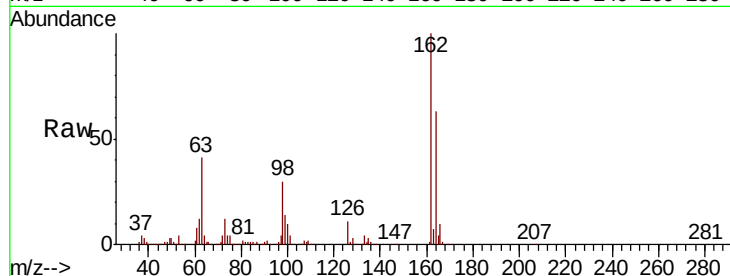
Tot Ion:162 Resp: 550276

Ion Ratio Lower Upper

162 100

164 63.4 44.5 84.5

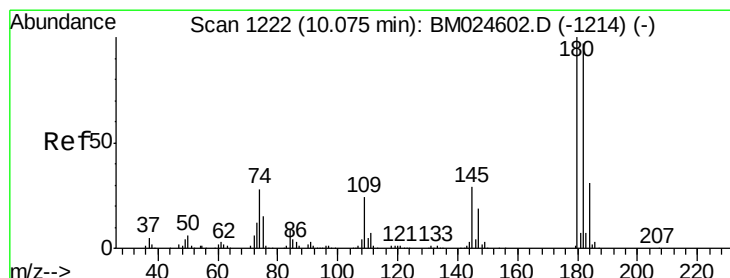
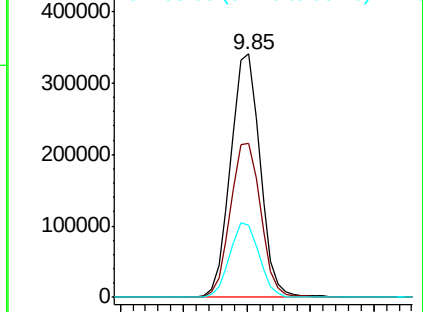
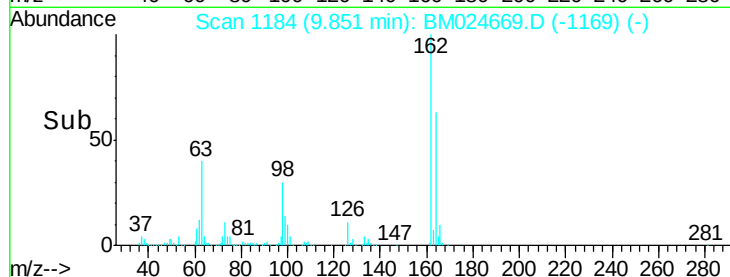
98 29.8 14.2 54.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 49.420 ng

RT: 10.06 min Scan# 1219

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

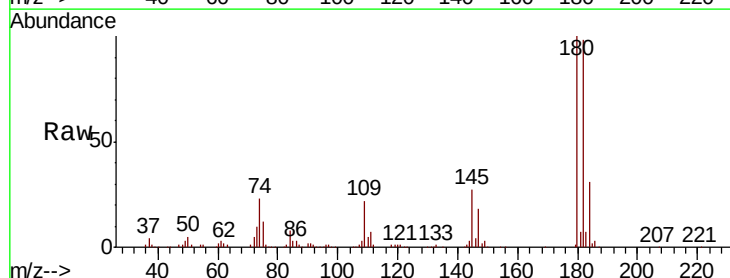
Tgt Ion:180 Resp: 650294

Ion Ratio Lower Upper

180 100

182 97.6 77.8 116.6

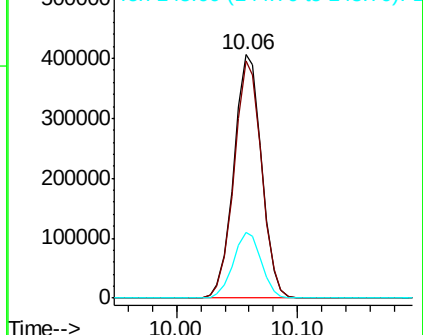
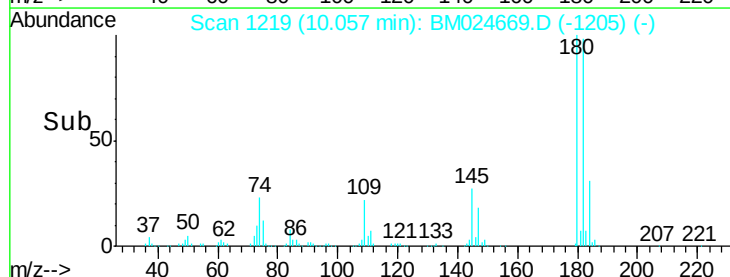
145 27.2 22.9 34.3

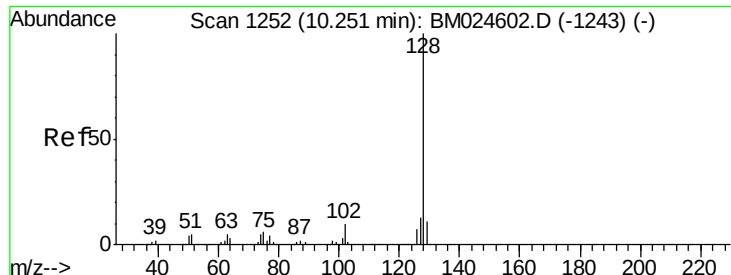


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

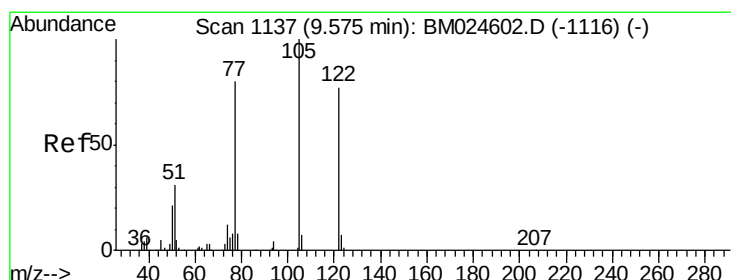
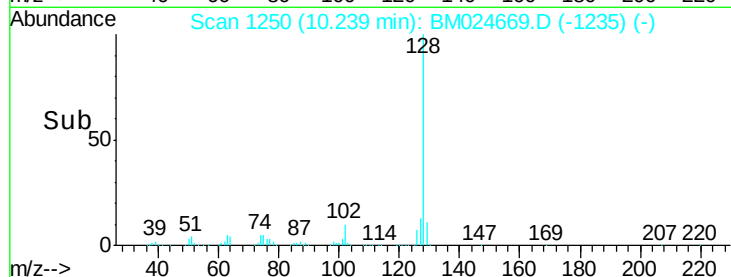
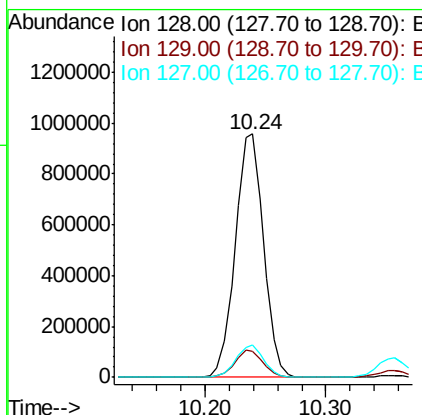
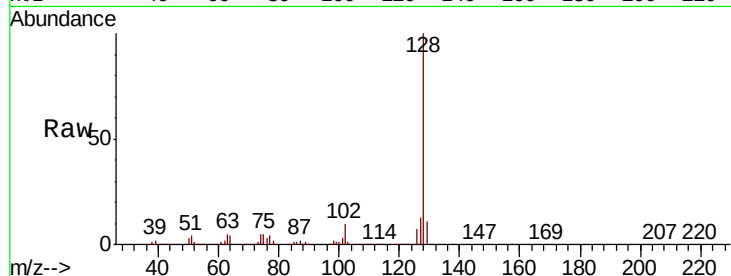




#31
Naphthalene
Concen: 47.170 ng
RT: 10.24 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

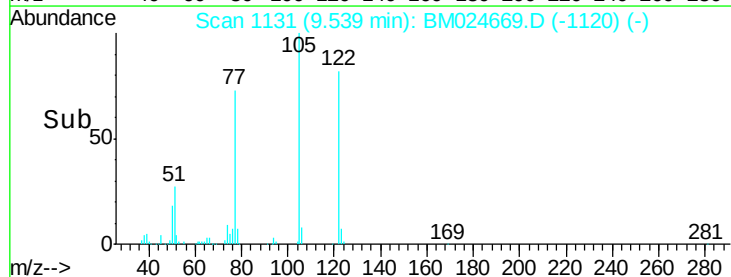
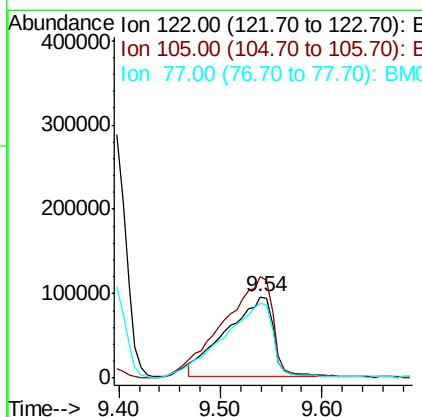
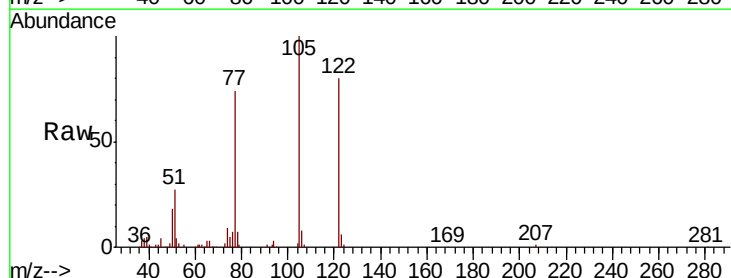
Instrument :
BNA_M
ClientSampleId :

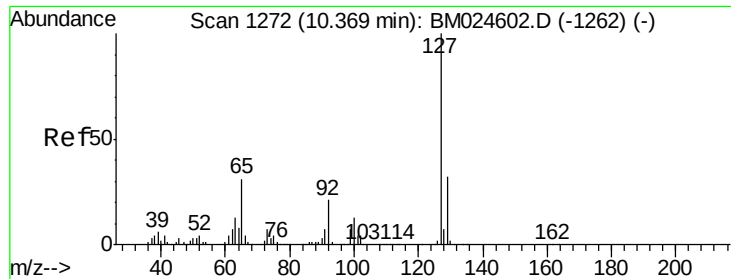
Tot Ion:128 Resp: 1564774
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 40.981 ng
RT: 9.54 min Scan# 1131
Delta R.T. -0.04 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Tgt Ion:122 Resp: 302734
Ion Ratio Lower Upper
122 100
105 124.6 107.7 147.7
77 91.7 83.8 123.8

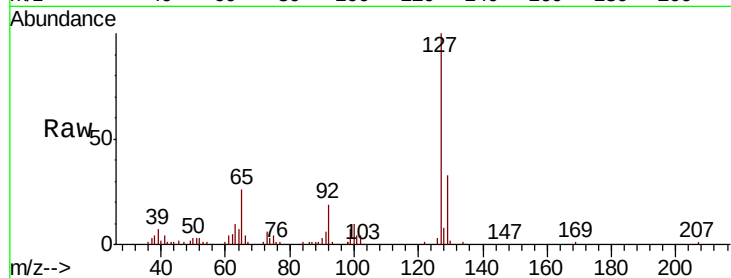




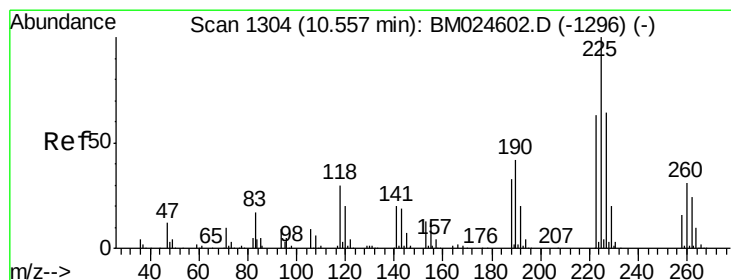
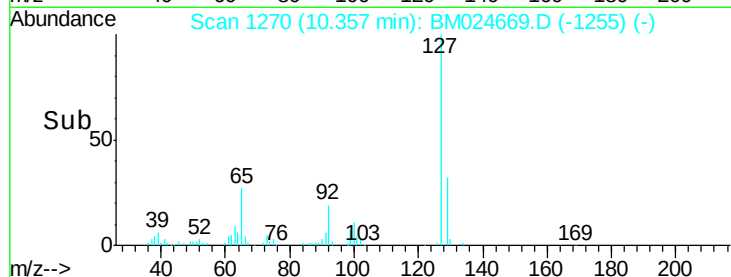
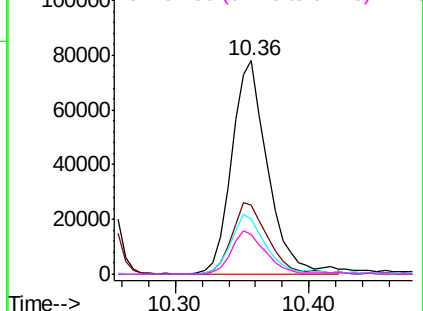
#33
4-Chloroaniline
Concen: 10.095 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	146784
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	26.0	25.1	37.7
92	18.7	16.6	25.0

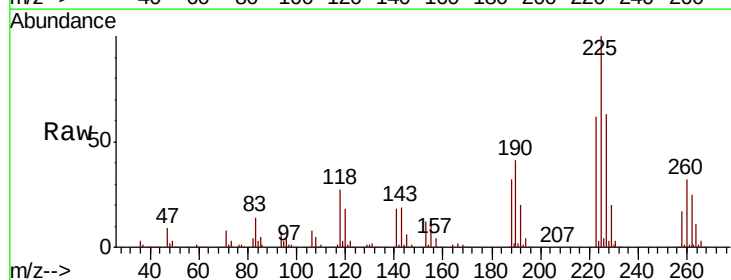


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

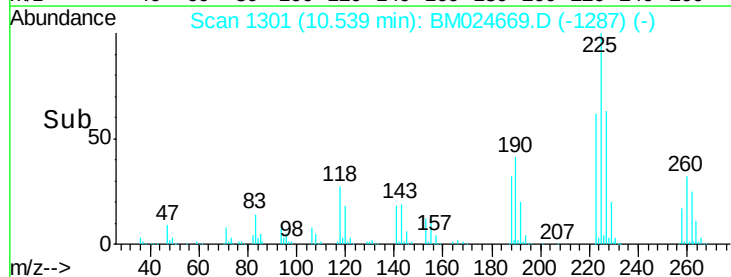
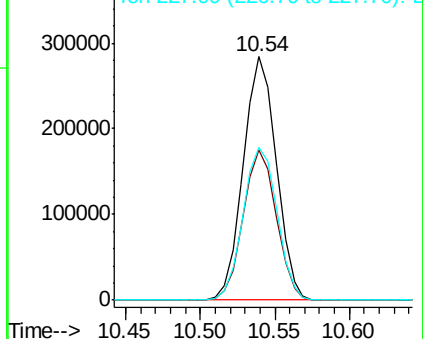


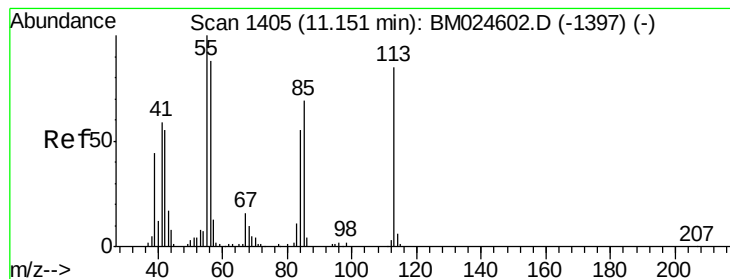
#34
Hexachlorobutadiene
Concen: 47.892 ng
RT: 10.54 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Tgt Ion:	225	Resp:	435641
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.7	76.1
227	62.6	51.4	77.0



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





#35

Caprolactam

Concen: 40.156 ng

RT: 11.13 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

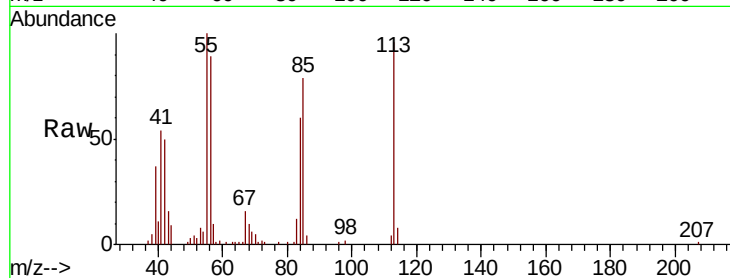
Tot Ion:113 Resp: 140560

Ion Ratio Lower Upper

113 100

55 103.8 97.5 137.5

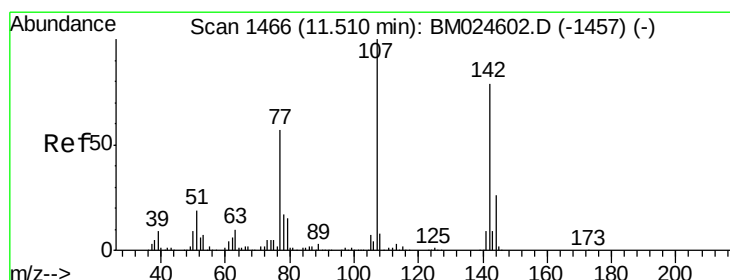
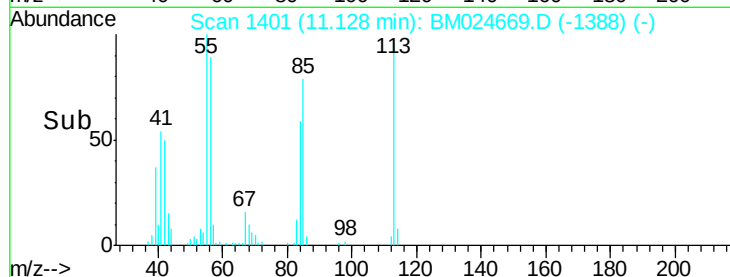
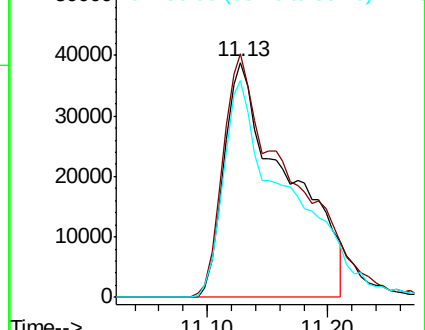
56 92.4 83.4 123.4



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: 42.605 ng

RT: 11.50 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

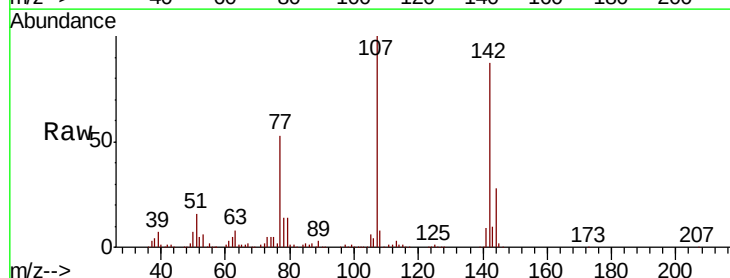
Tgt Ion:107 Resp: 494281

Ion Ratio Lower Upper

107 100

144 28.1 20.5 30.7

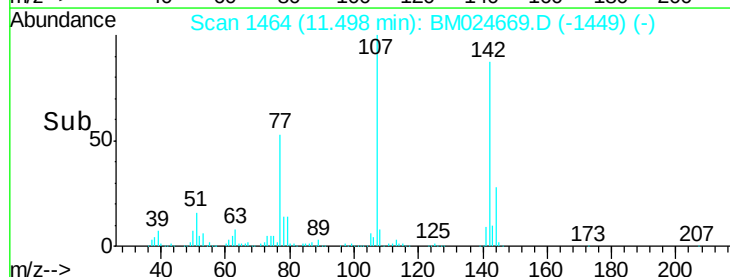
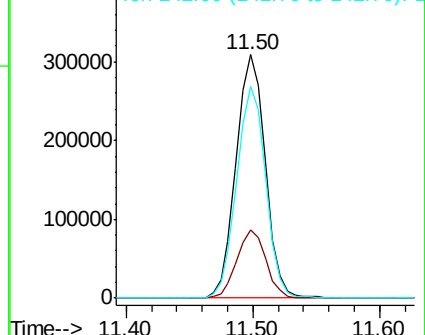
142 86.9 62.8 94.2

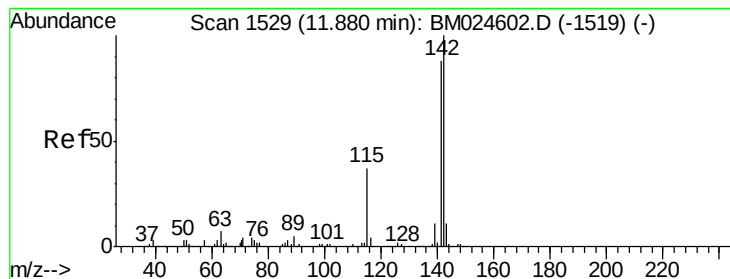


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.172 ng

RT: 11.86 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

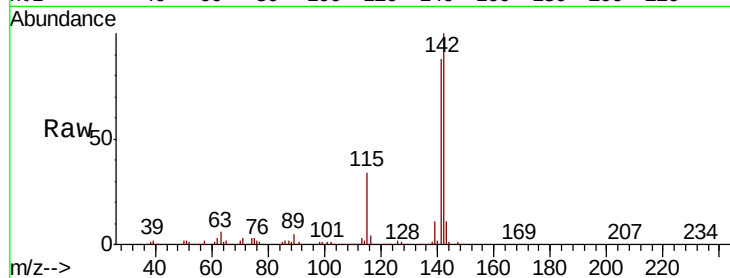
Tot Ion:142 Resp: 1182018

Ion Ratio Lower Upper

142 100

141 88.2 70.2 105.2

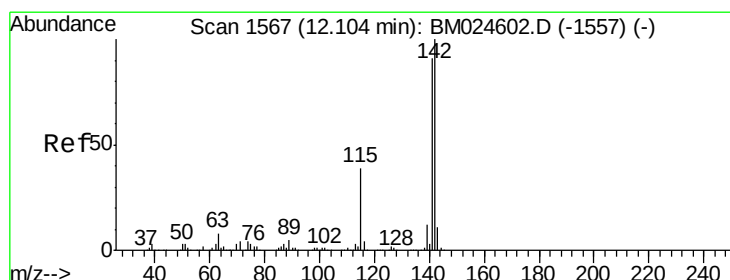
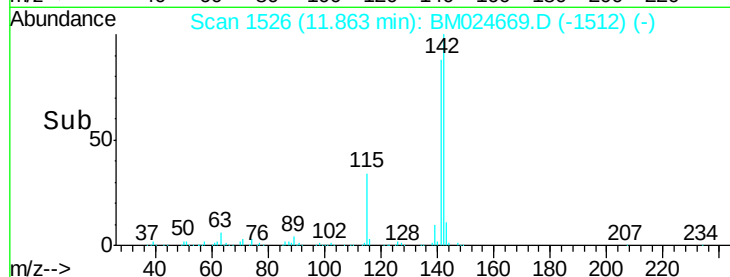
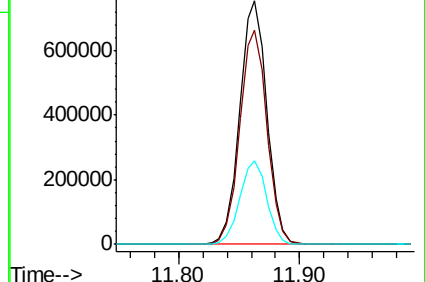
115 34.3 29.7 44.5



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: 45.963 ng

RT: 12.09 min Scan# 1564

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

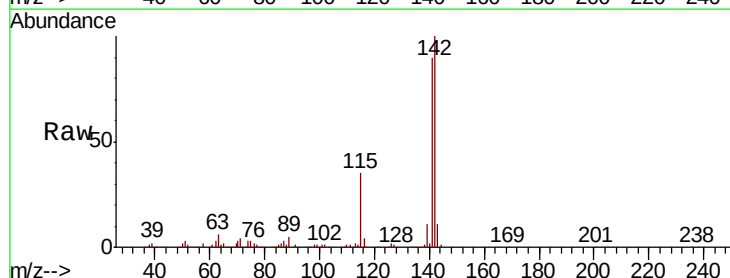
Tgt Ion:142 Resp: 1119266

Ion Ratio Lower Upper

142 100

141 90.4 72.8 109.2

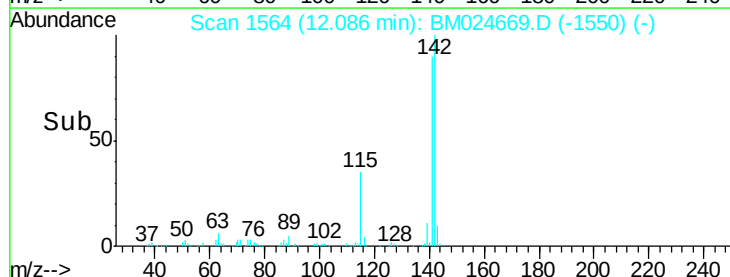
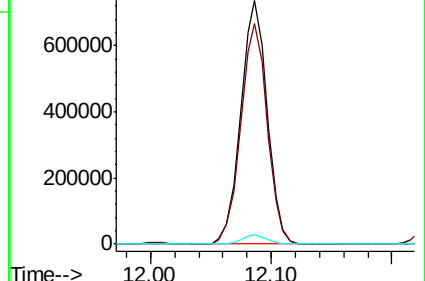
116 3.6 3.2 4.8

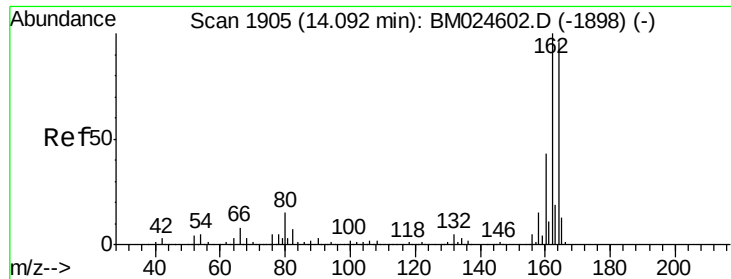


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

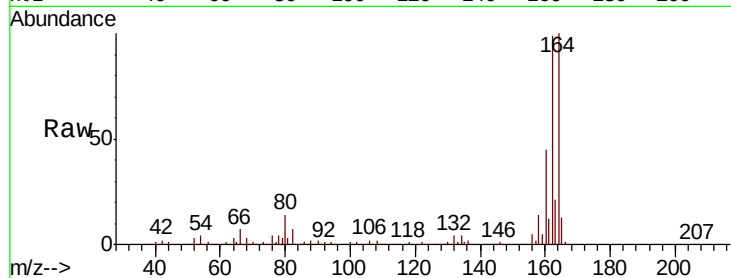
Tot Ion:164 Resp: 419454

Ion Ratio Lower Upper

164 100

162 98.9 82.9 124.3

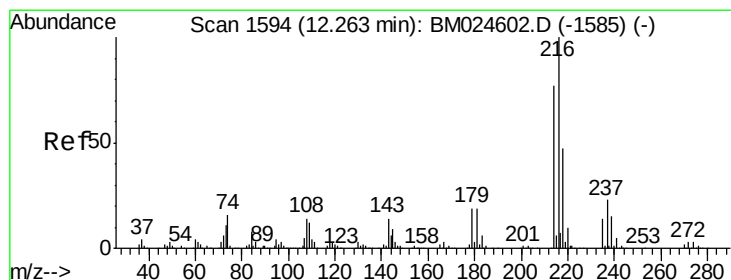
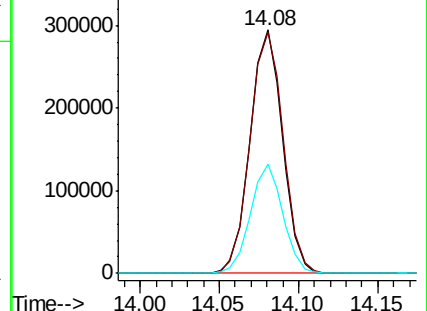
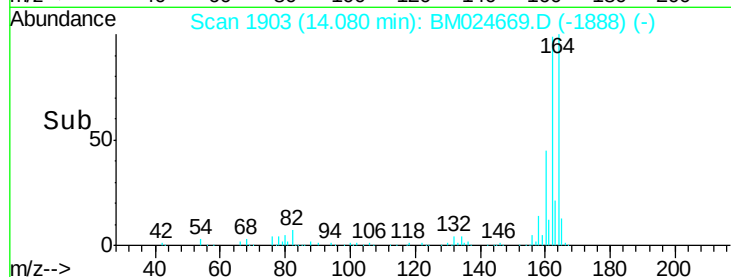
160 44.7 35.5 53.3



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: 48.918 ng

RT: 12.25 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Tgt Ion:216 Resp: 732322

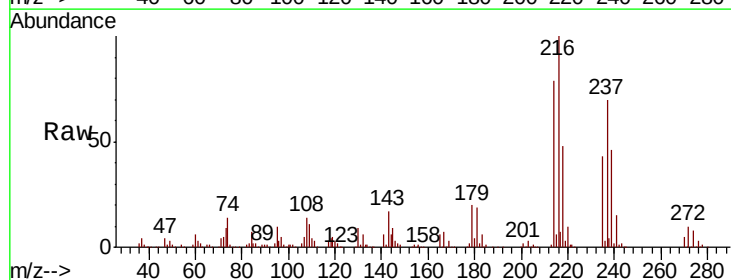
Ion Ratio Lower Upper

216 100

214 79.1 62.3 93.5

179 20.3 16.1 24.1

108 15.8 13.0 19.6

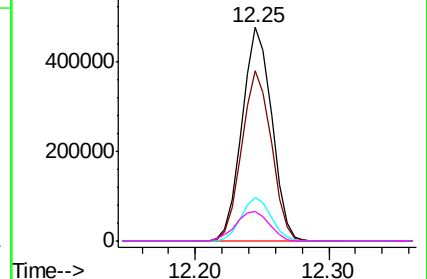
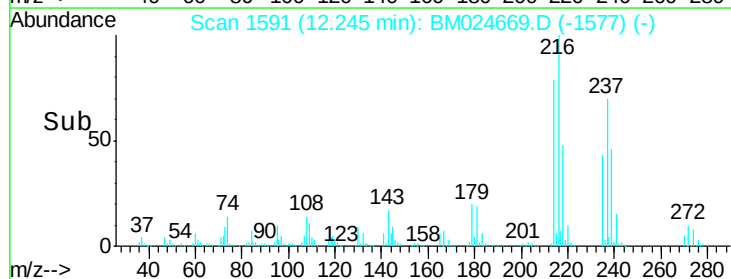


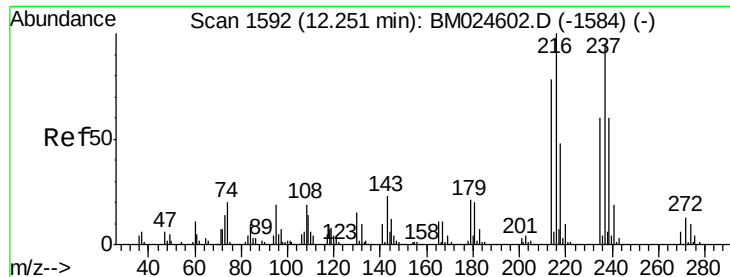
Abundance Ion 216.00 (215.70 to 216.70): E

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: 115.416 ng

RT: 12.23 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

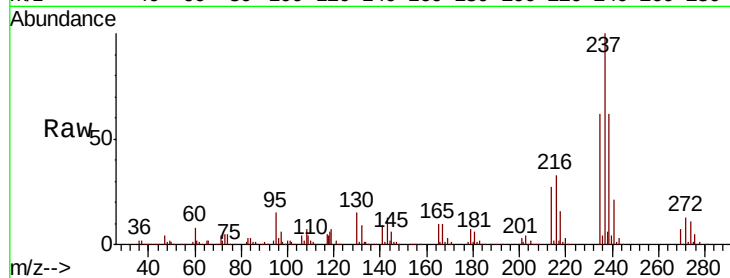
Tot Ion:237 Resp: 968468

Ion Ratio Lower Upper

237 100

235 62.4 43.3 83.3

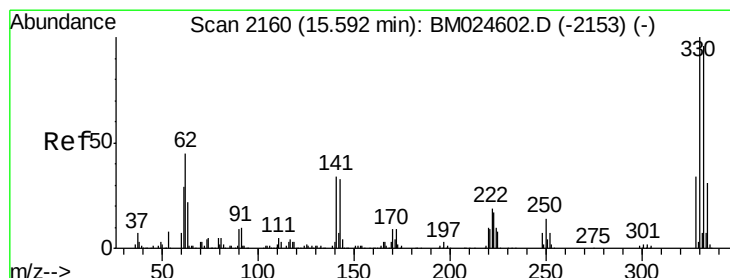
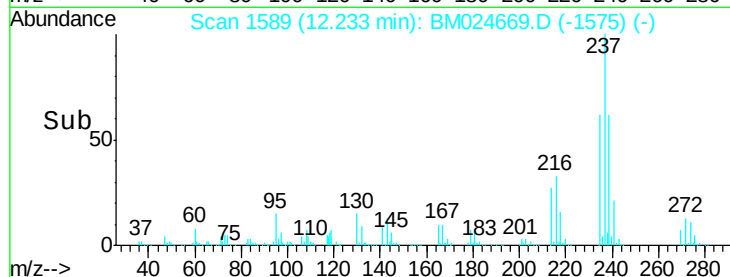
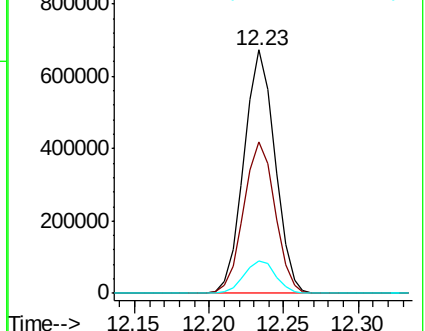
272 13.4 0.0 33.4



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: 124.342 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

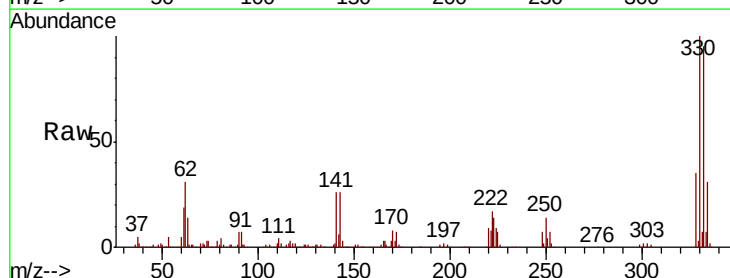
Tgt Ion:330 Resp: 848390

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

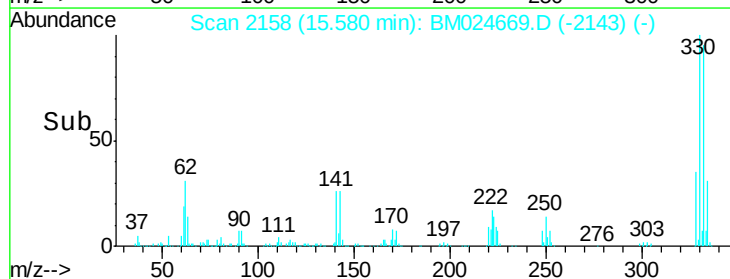
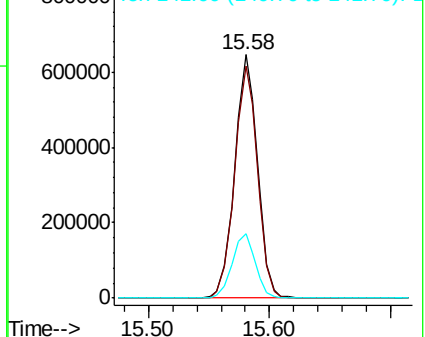
141 27.2 26.9 40.3

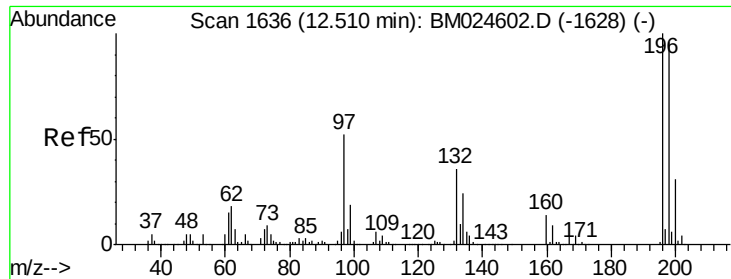


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

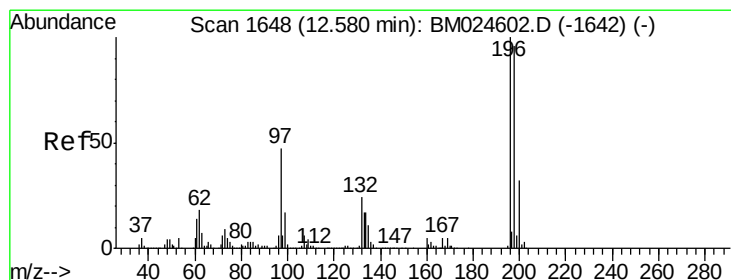
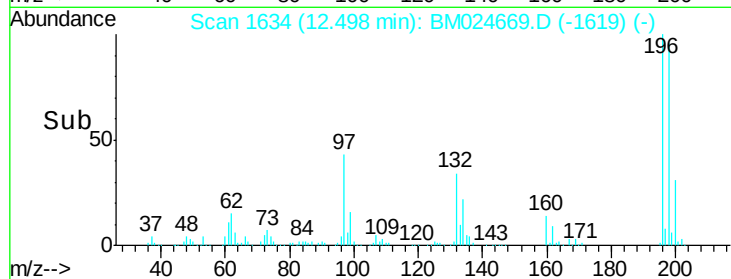
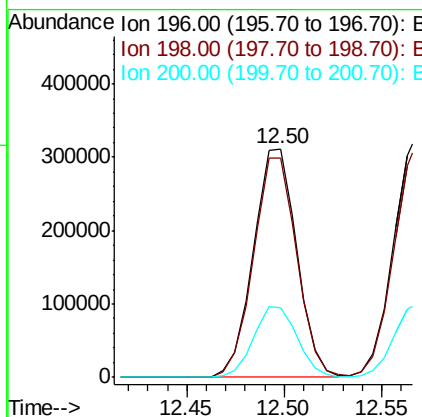
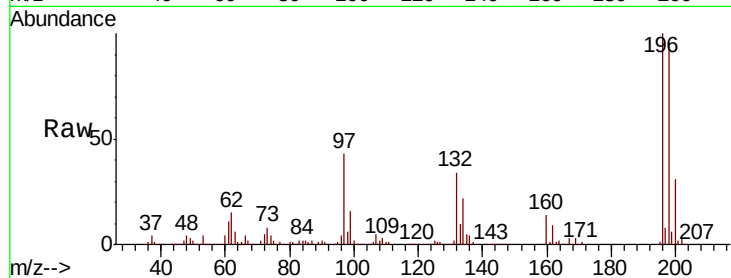




#43
 2,4,6-Trichlorophenol
 Concen: 50.349 ng
 RT: 12.50 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM024669.D
 Acq: 30 Jan 2020 21:32

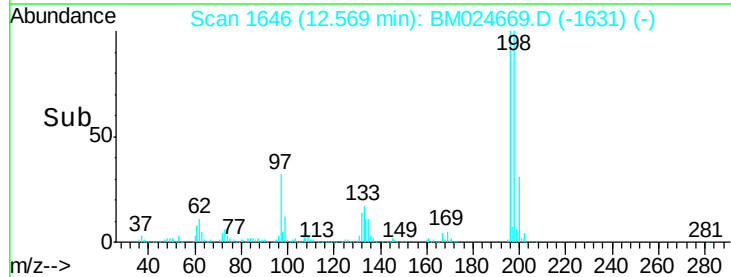
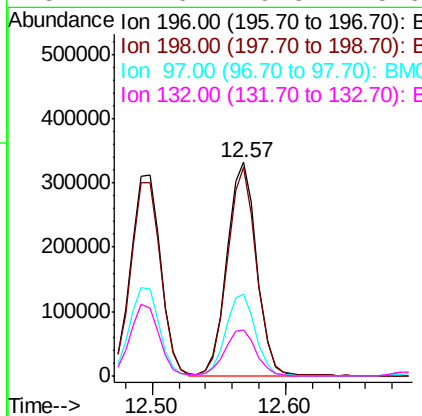
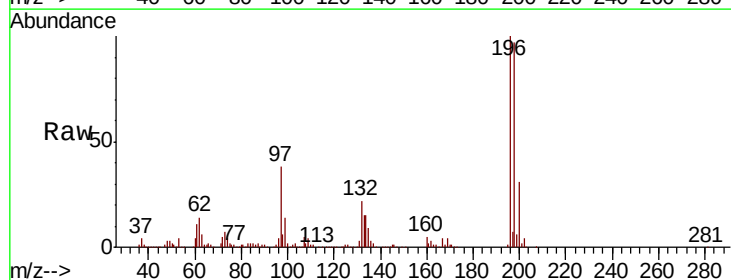
Instrument :
 BNA_M
 ClientSampleId :

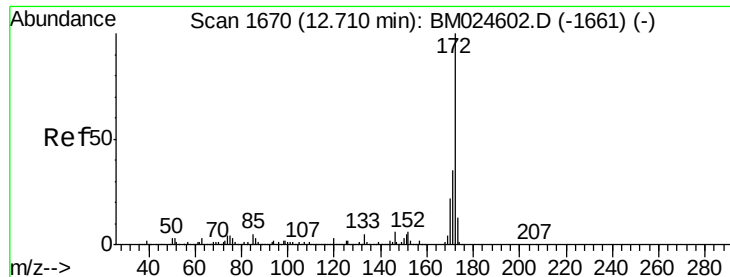
Tot Ion:196 Resp: 479648
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.5 114.7
 200 30.6 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 52.667 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM024669.D
 Acq: 30 Jan 2020 21:32

Tgt Ion:196 Resp: 512399
 Ion Ratio Lower Upper
 196 100
 198 97.4 77.2 115.8
 97 38.4 37.4 56.0
 132 21.6 19.3 28.9



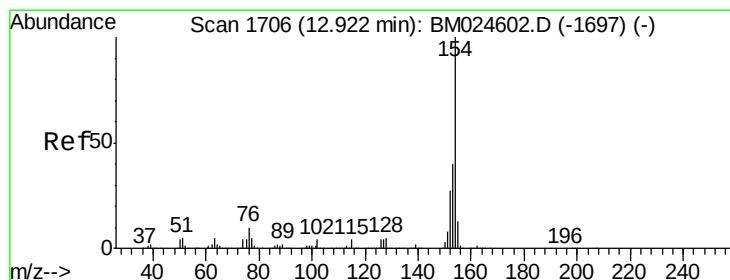
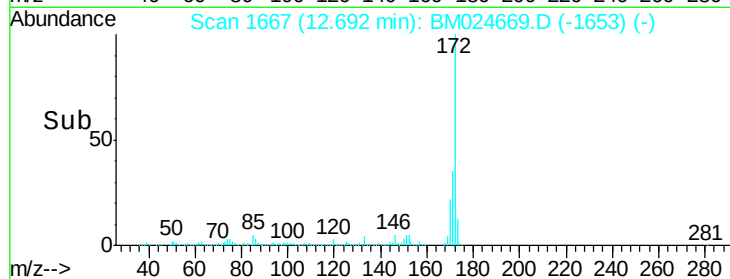
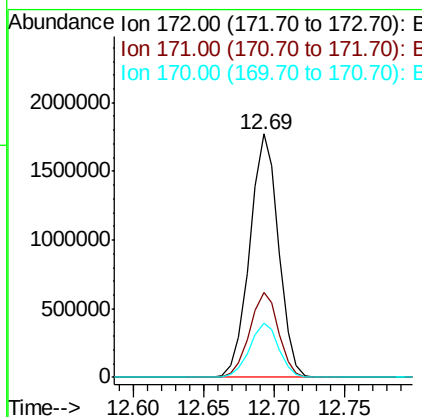
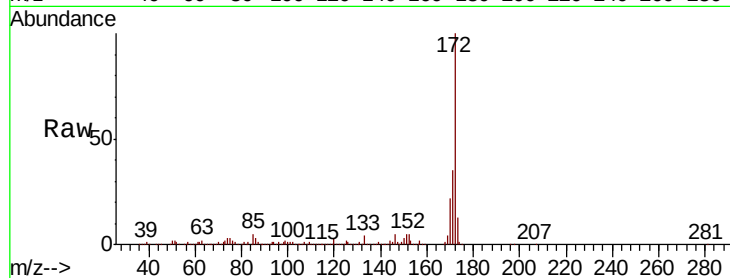


#45
2-Fluorobiphenyl
Concen: 82.434 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 2543362

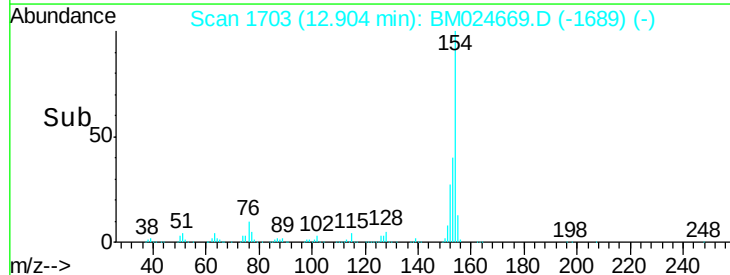
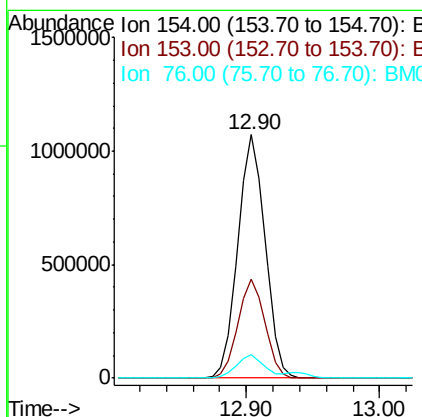
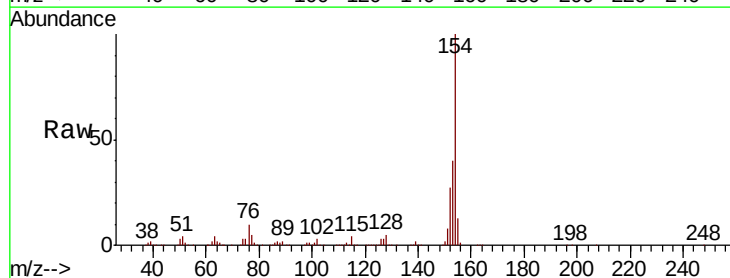
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	22.4	17.9	26.9

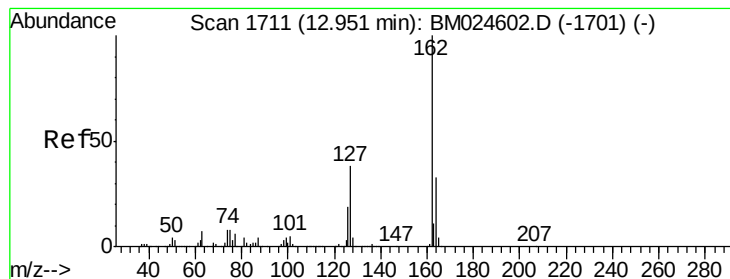


#46
1,1'-Biphenyl
Concen: 47.835 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Tgt Ion:154 Resp: 1518430

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	9.7	0.0	30.5





#47

2-Chloronaphthalene

Concen: 48.182 ng

RT: 12.94 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

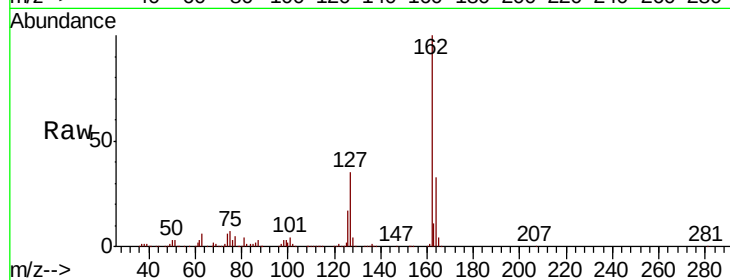
Tot Ion:162 Resp: 1234736

Ion	Ratio	Lower	Upper
162	100		
127	35.2	30.4	45.6
164	32.8	26.5	39.7

162 100

127 35.2 30.4 45.6

164 32.8 26.5 39.7

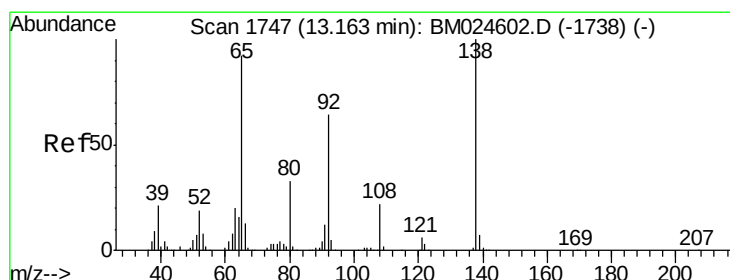
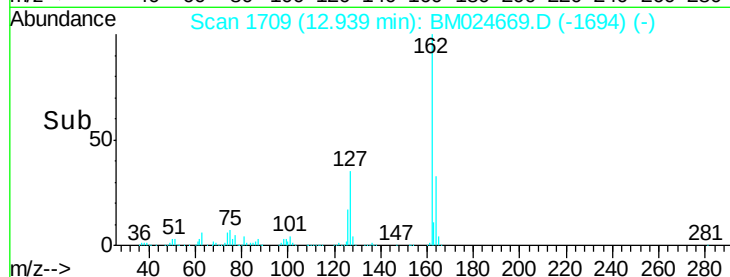
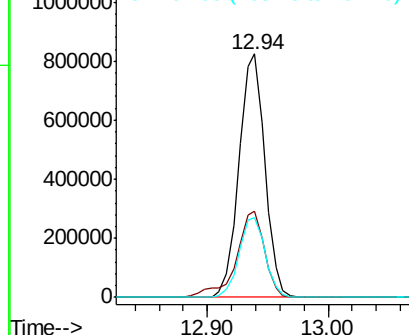


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 35.812 ng

RT: 13.15 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

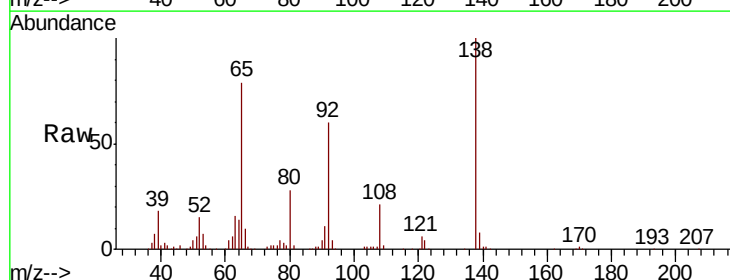
Tgt Ion: 65 Resp: 279901

Ion	Ratio	Lower	Upper
65	100		
92	75.9	55.4	83.2
138	127.2	86.6	129.8

65 100

92 75.9 55.4 83.2

138 127.2 86.6 129.8

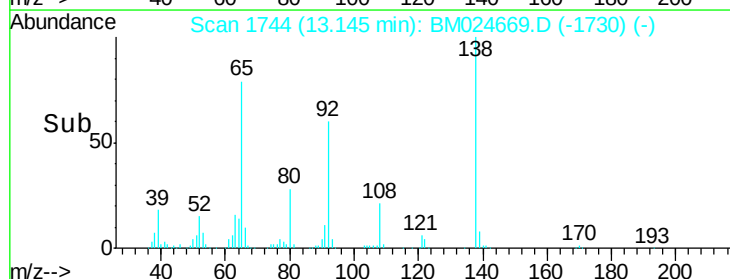
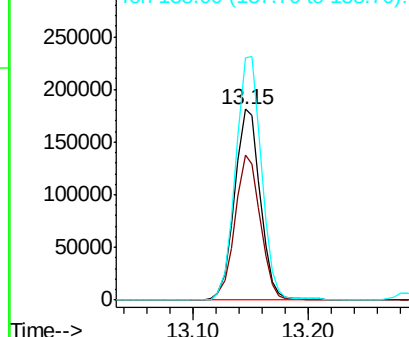


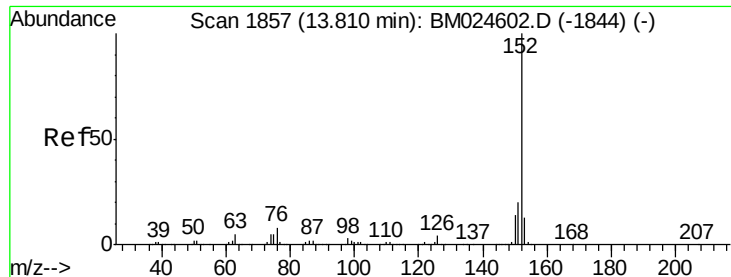
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.268 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

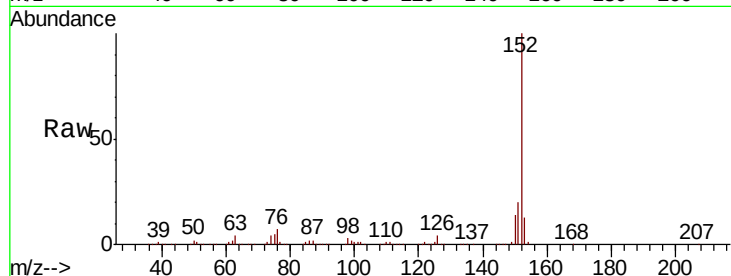
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 1890088

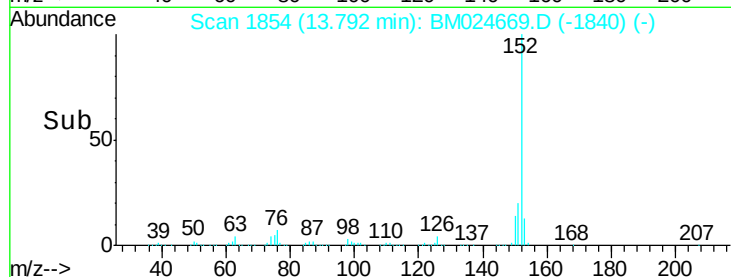
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.2	10.4	15.6



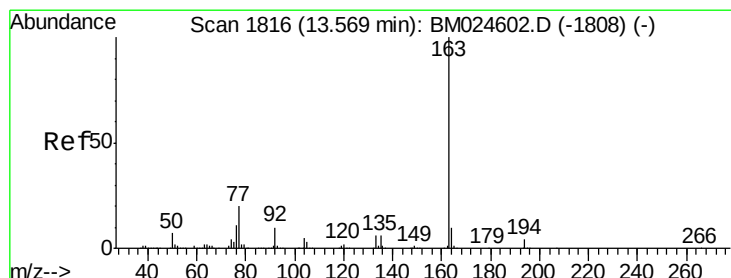
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 47.289 ng

RT: 13.56 min Scan# 1814

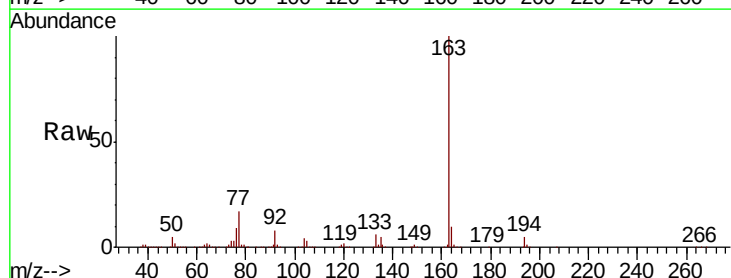
Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Tgt Ion:163 Resp: 1603938

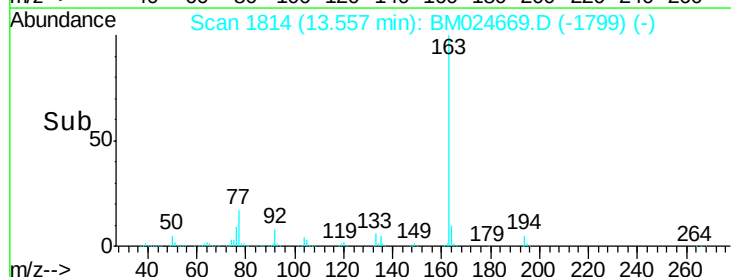
Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.0
164	10.1	8.0	12.0



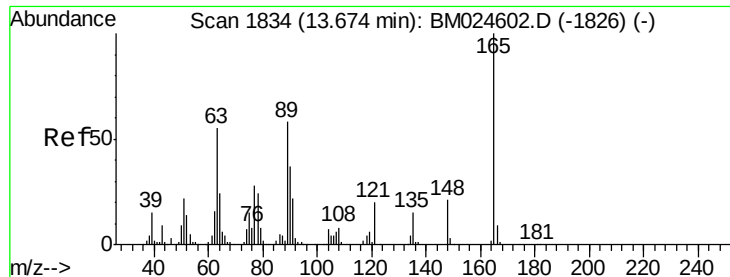
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#51

2,6-Dinitrotoluene

Concen: 46.887 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

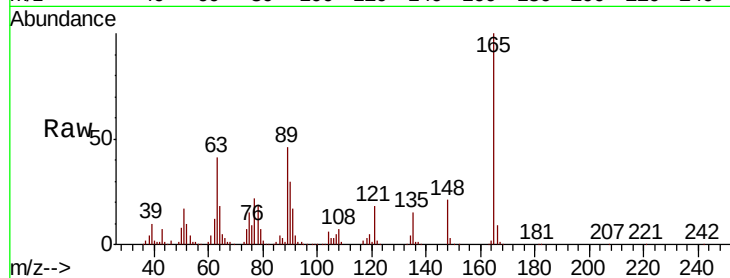
Tot Ion:165 Resp: 338116

Ion Ratio Lower Upper

165 100

63 41.4 45.4 68.0#

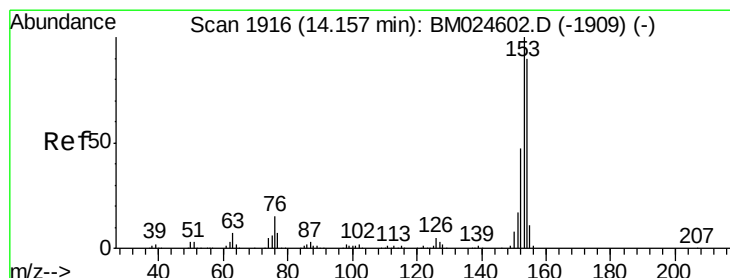
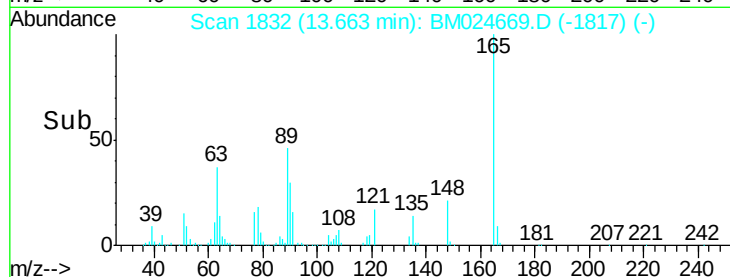
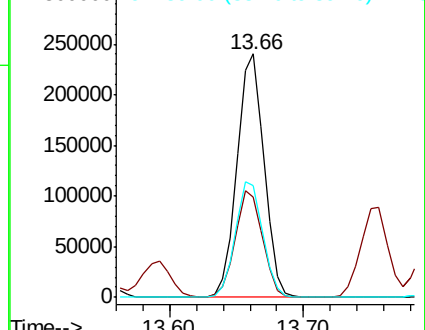
89 45.7 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 47.102 ng

RT: 14.15 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

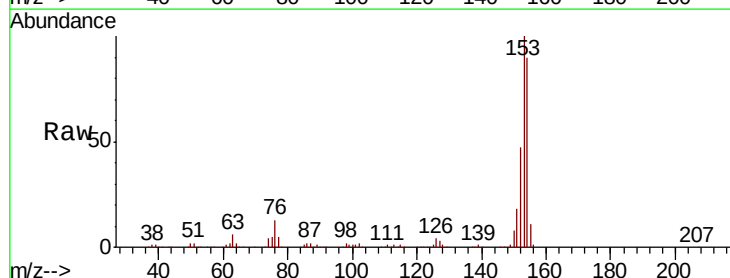
Tgt Ion:154 Resp: 1121287

Ion Ratio Lower Upper

154 100

153 110.8 89.1 133.7

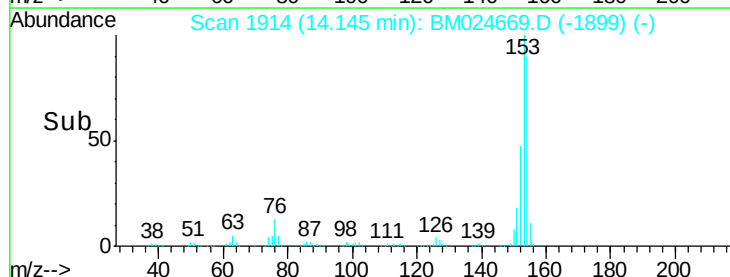
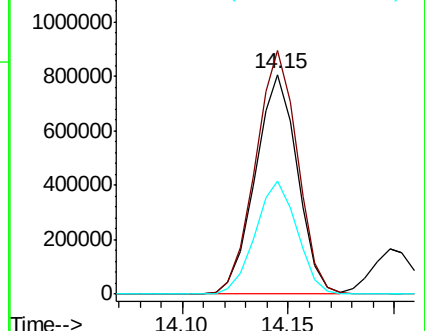
152 51.6 41.9 62.9

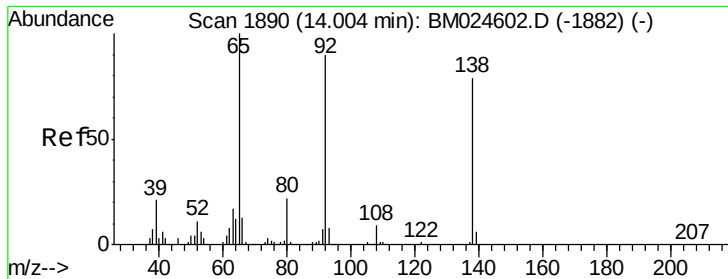


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.155 ng

RT: 13.99 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

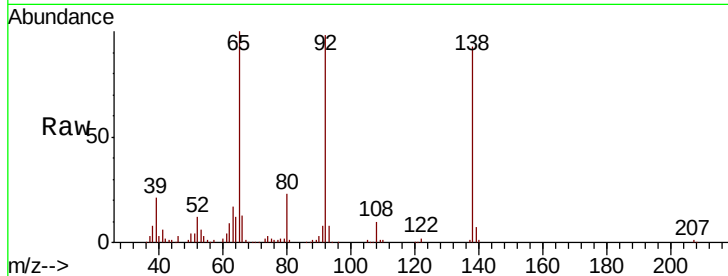
Tot Ion:138 Resp: 173186

Ion Ratio Lower Upper

138 100

108 11.3 8.7 13.1

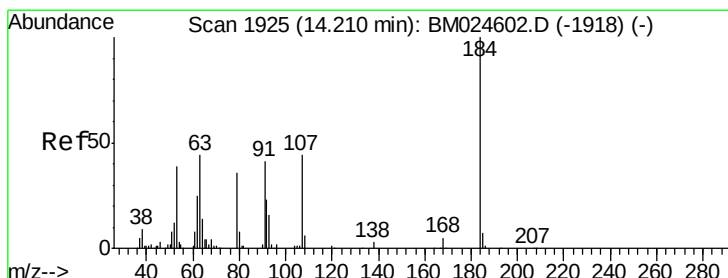
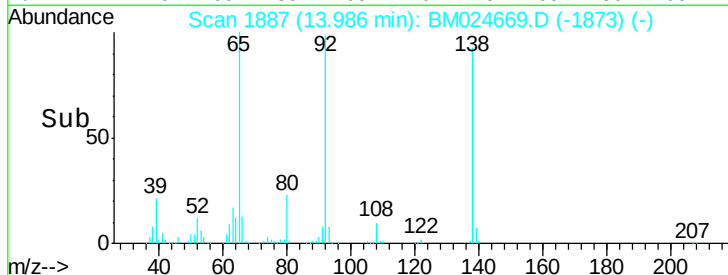
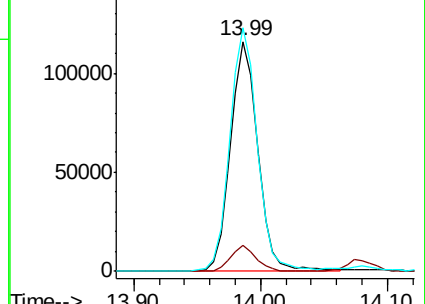
92 106.0 91.0 136.4



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): E



#54

2,4-Dinitrophenol

Concen: 95.792 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

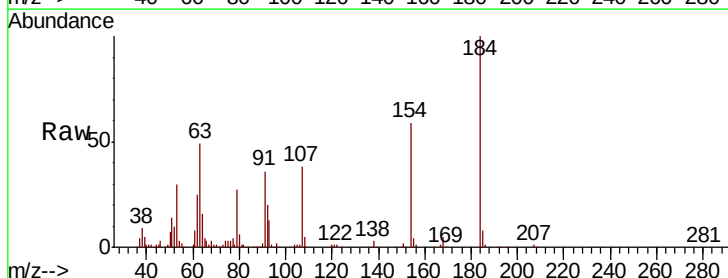
Tgt Ion:184 Resp: 413081

Ion Ratio Lower Upper

184 100

63 49.0 51.8 77.8#

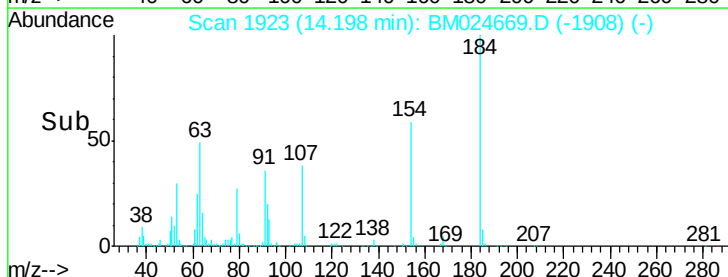
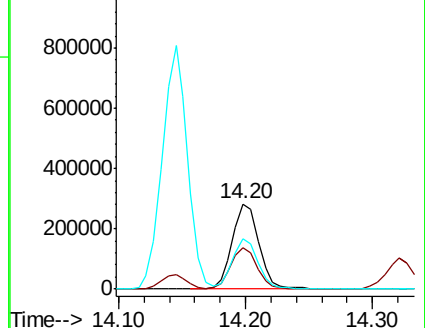
154 59.0 50.2 75.4

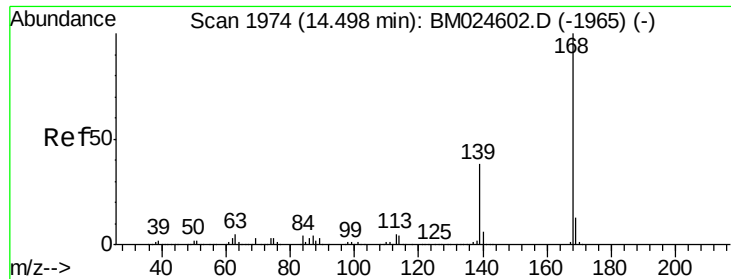


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

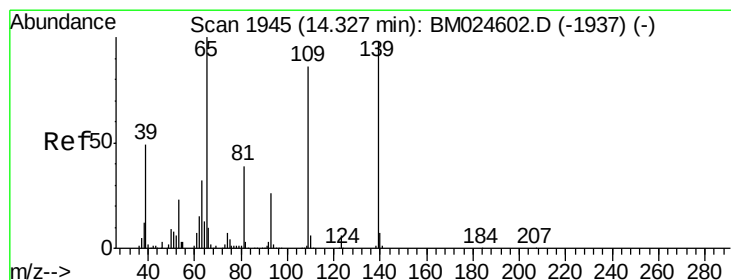
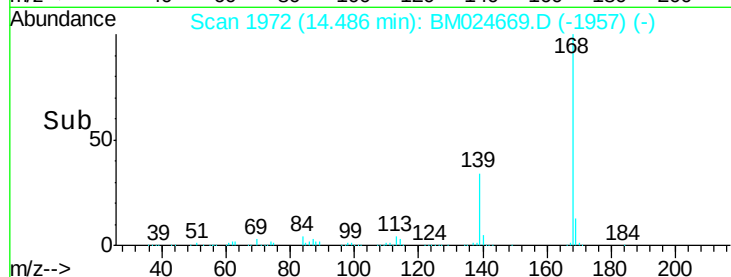
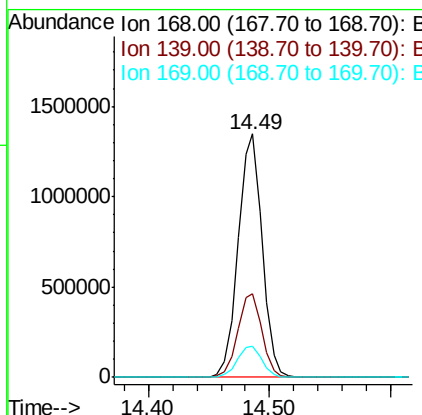
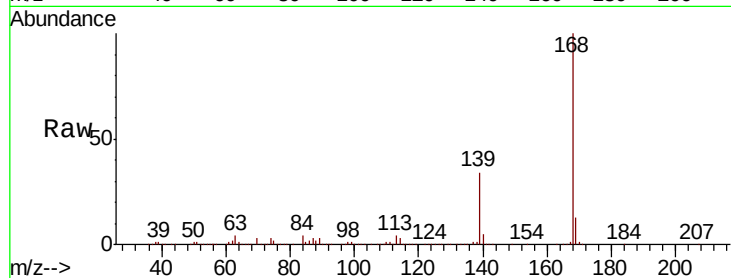




#55
Dibenzofuran
Concen: 48.017 ng
RT: 14.49 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

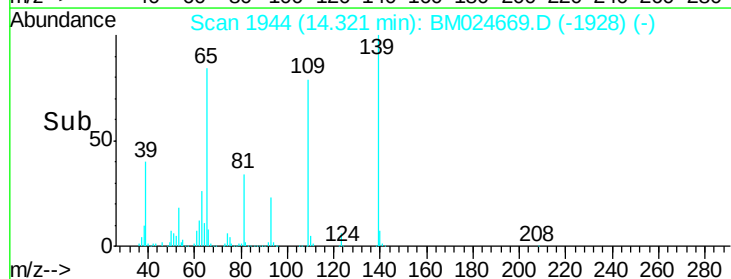
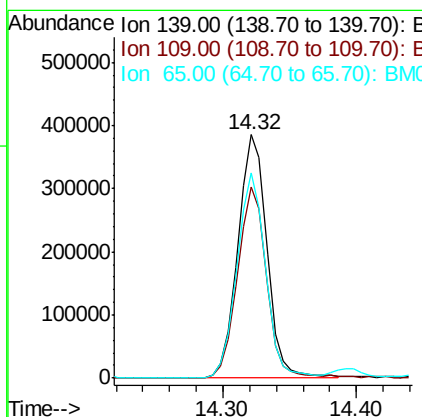
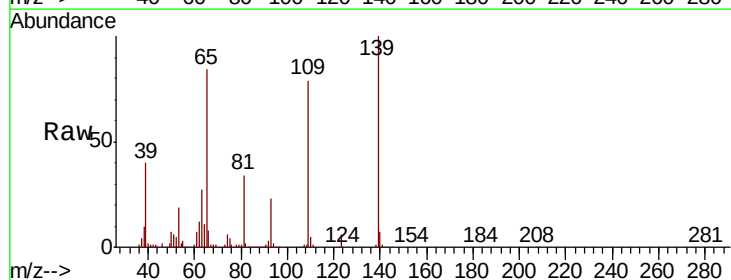
Instrument :
BNA_M
ClientSampleId :

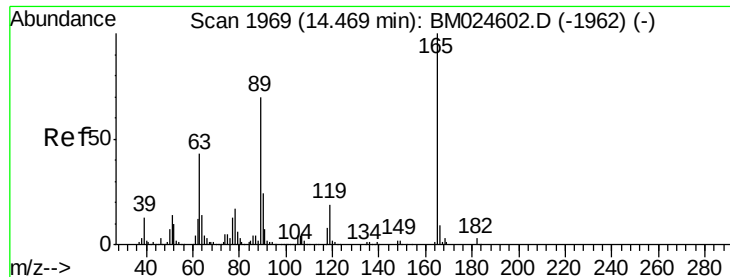
Tot Ion:168 Resp: 1864201
Ion Ratio Lower Upper
168 100
139 34.4 30.2 45.4
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 99.806 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Tgt Ion:139 Resp: 583515
Ion Ratio Lower Upper
139 100
109 78.6 67.4 107.4
65 84.3 82.1 122.1





#57

2,4-Dinitrotoluene

Concen: 45.197 ng

RT: 14.46 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

Tot Ion:165 Resp: 467111

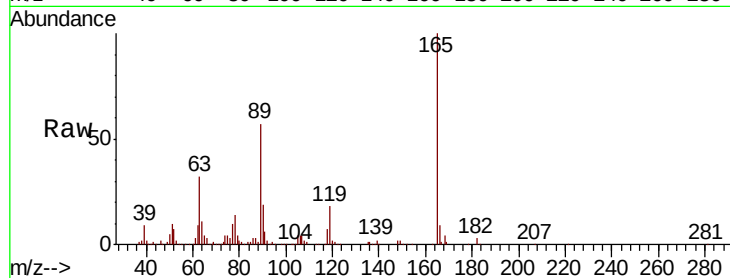
Ion Ratio Lower Upper

165 100

63 32.4 34.5 51.7#

89 56.8 55.8 83.8

182 3.1 2.3 3.5

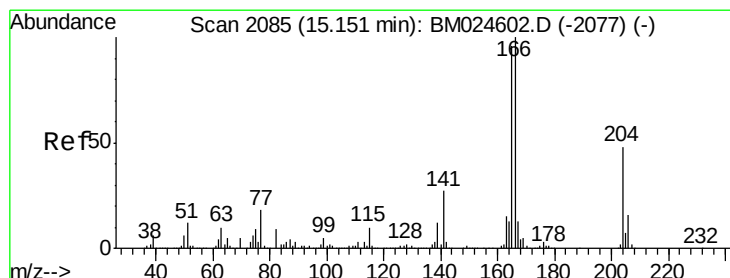
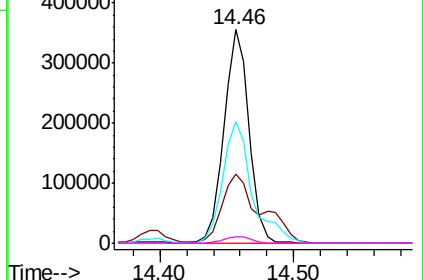
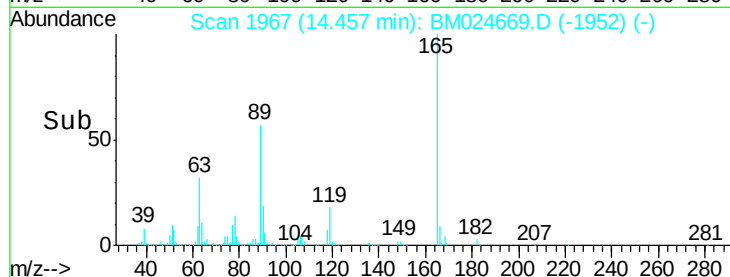


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.408 ng

RT: 15.14 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

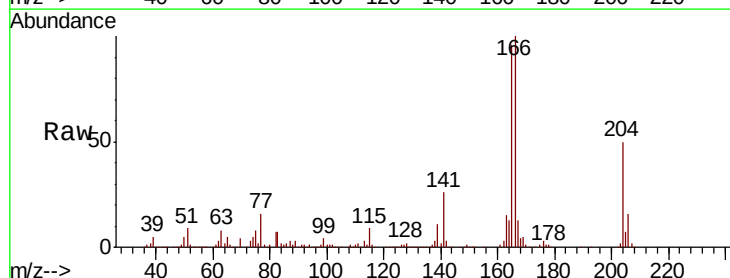
Tgt Ion:166 Resp: 1481501

Ion Ratio Lower Upper

166 100

165 96.5 76.6 114.8

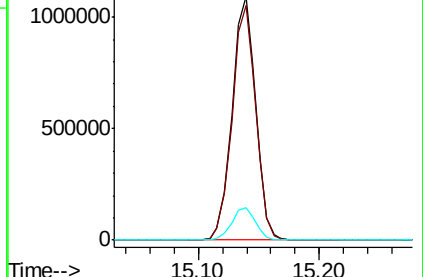
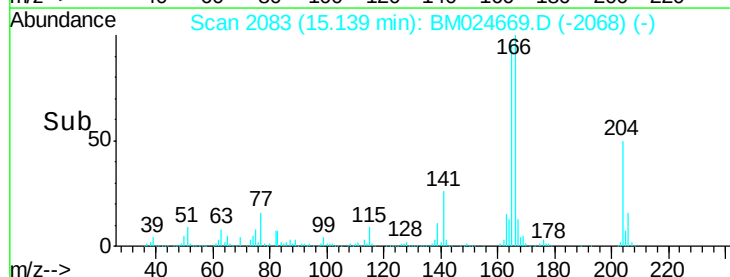
167 13.3 10.8 16.2

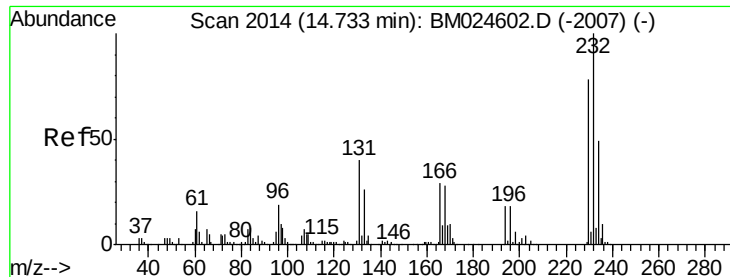


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

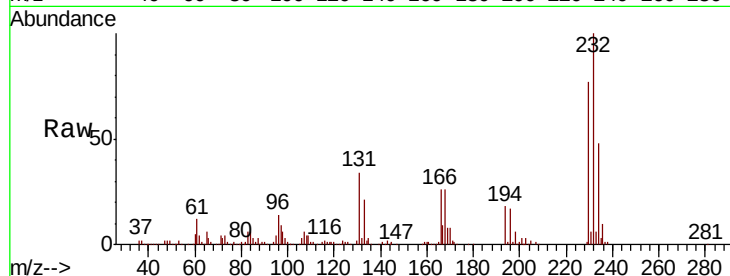




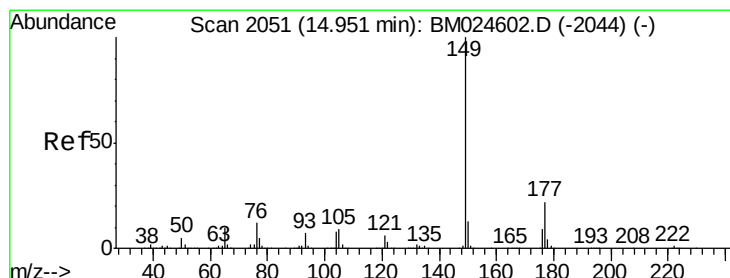
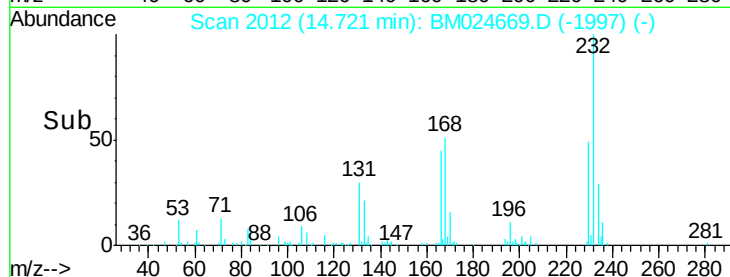
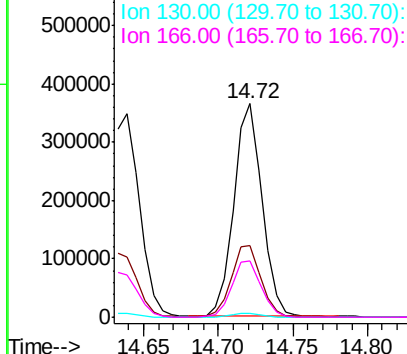
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.894 ng
RT: 14.72 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 482399
Ion Ratio Lower Upper
232 100
131 35.8 32.2 48.4
130 2.0 1.9 2.9
166 28.0 23.4 35.0

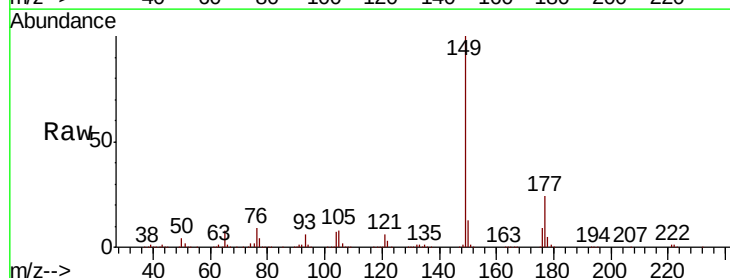


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

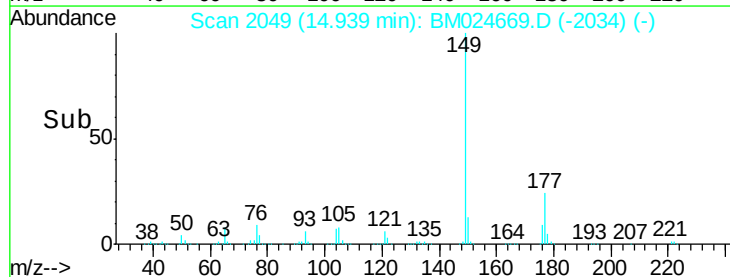
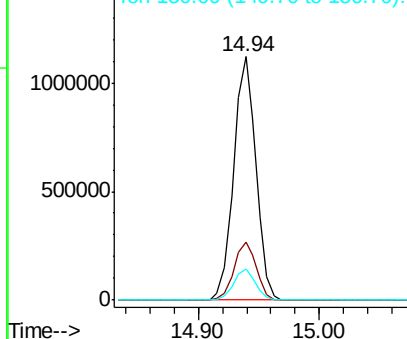


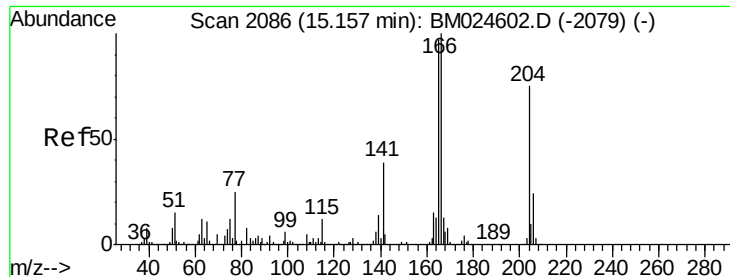
#60
Diethylphthalate
Concen: 41.701 ng
RT: 14.94 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Tgt Ion:149 Resp: 1435959
Ion Ratio Lower Upper
149 100
177 24.0 18.0 27.0
150 12.6 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

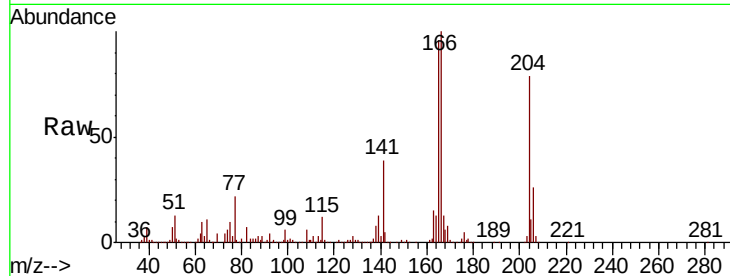




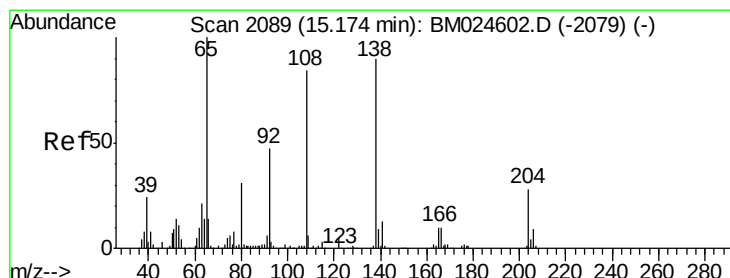
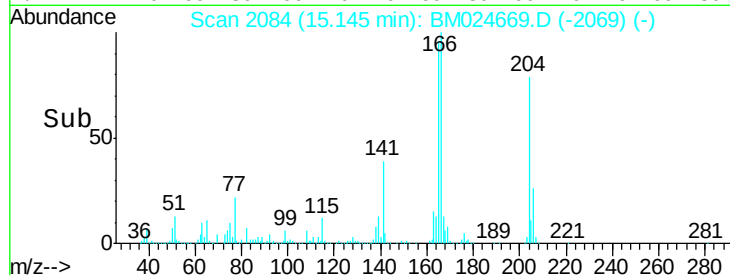
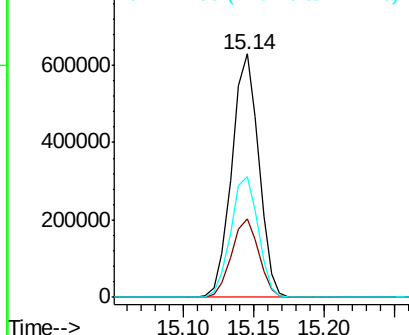
#61
4-Chlorophenyl-phenylether
Concen: 44.534 ng
RT: 15.14 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 837689
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 49.4 42.2 63.2

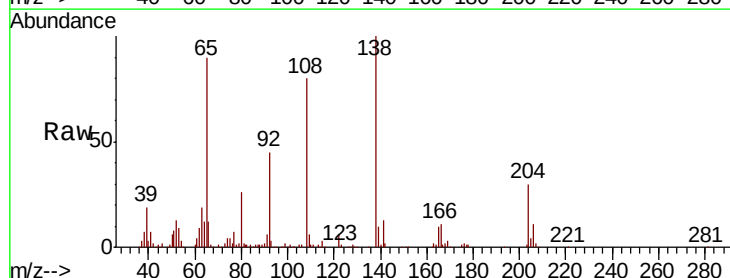


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

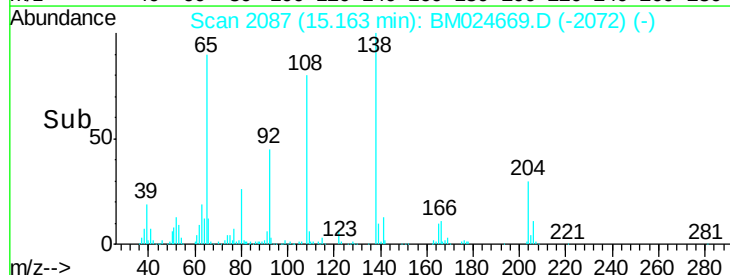
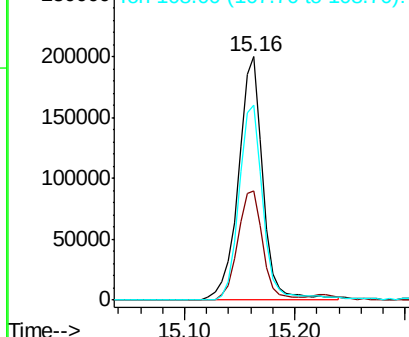


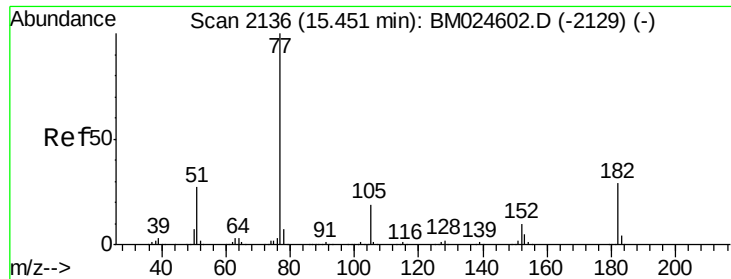
#62
4-Nitroaniline
Concen: 37.795 ng
RT: 15.16 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Tgt Ion:138 Resp: 312028
Ion Ratio Lower Upper
138 100
92 44.7 32.4 72.4
108 80.3 73.3 113.3



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

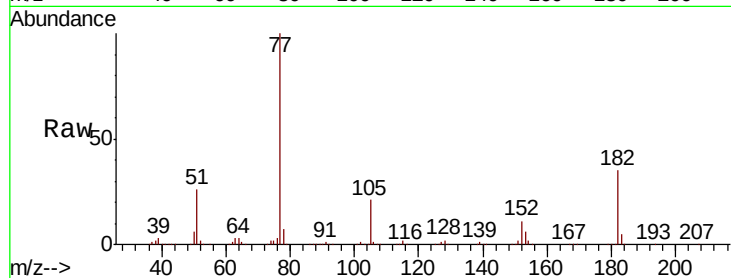




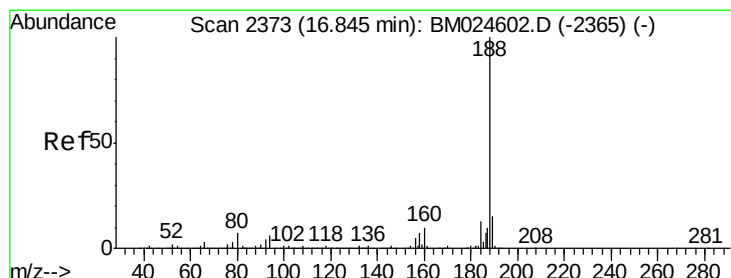
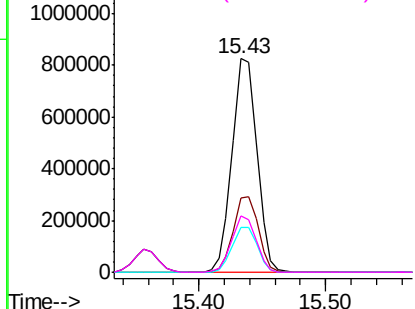
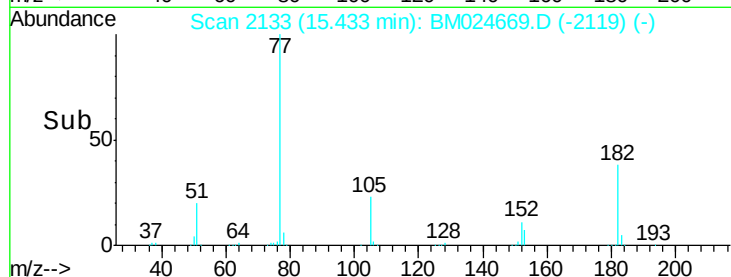
#63
Azobenzene
Concen: 38.019 ng
RT: 15.43 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1116710
Ion Ratio Lower Upper
77 100
182 34.8 8.7 48.7
105 21.2 0.0 39.2
51 26.2 7.5 47.5

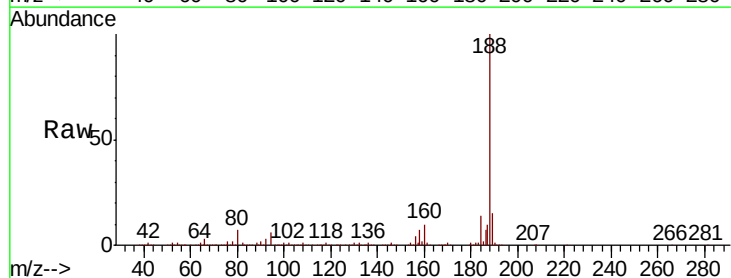


Abundance Ion 77.00 (76.70 to 77.70): BM024669.D (-2119) (-)
Ion 182.00 (181.70 to 182.70): BM024669.D (-2119) (-)
Ion 105.00 (104.70 to 105.70): BM024669.D (-2119) (-)
Ion 51.00 (50.70 to 51.70): BM024669.D (-2119) (-)

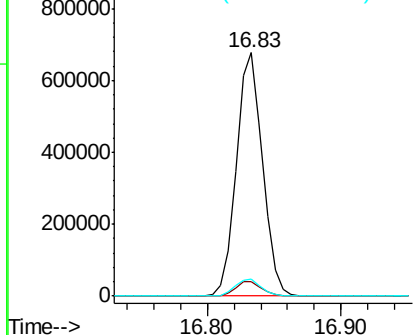
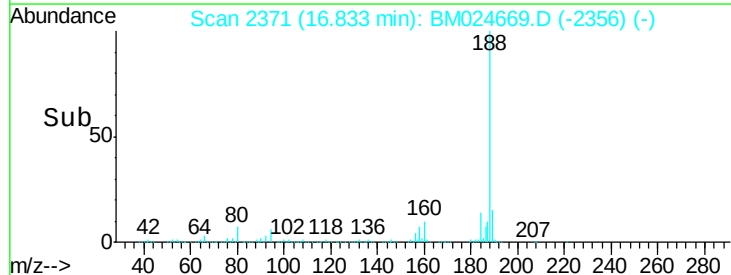


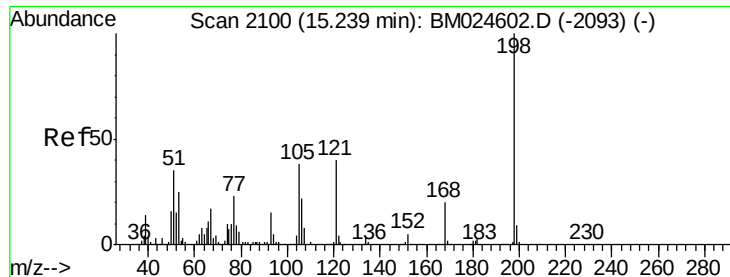
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Tgt Ion: 188 Resp: 921814
Ion Ratio Lower Upper
188 100
94 6.0 5.0 7.6
80 7.3 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): BM024669.D (-2356) (-)
Ion 94.00 (93.70 to 94.70): BM024669.D (-2356) (-)
Ion 80.00 (79.70 to 80.70): BM024669.D (-2356) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 53.279 ng

RT: 15.23 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

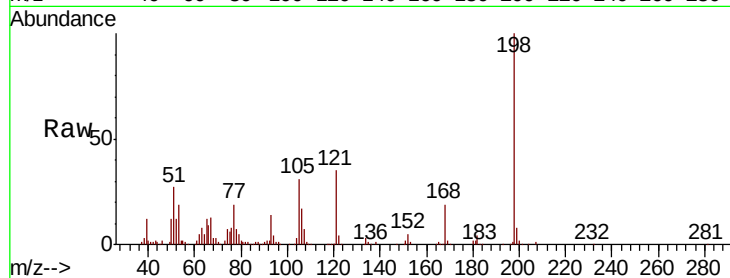
Instrument :

BNA_M

ClientSampleId :

Tot Ion:198 Resp: 288777

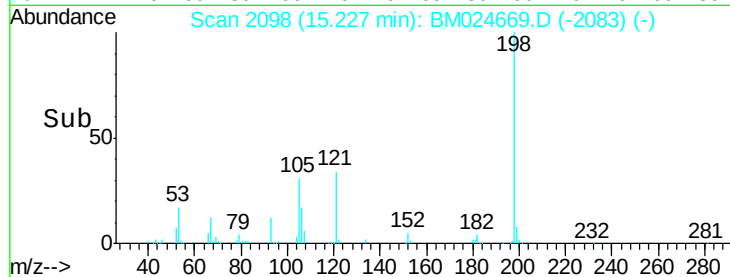
Ion	Ratio	Lower	Upper
198	100		
51	26.6	15.8	55.8
105	31.5	18.5	58.5



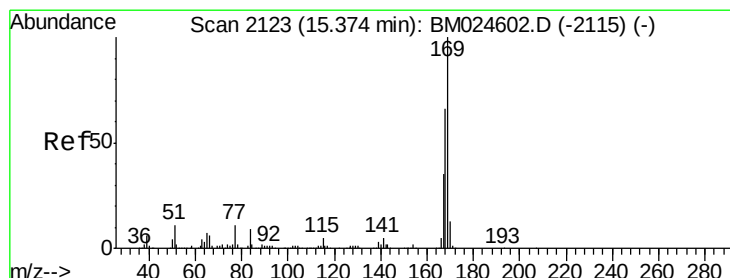
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM024669.D (-2093) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 49.386 ng

RT: 15.36 min Scan# 2121

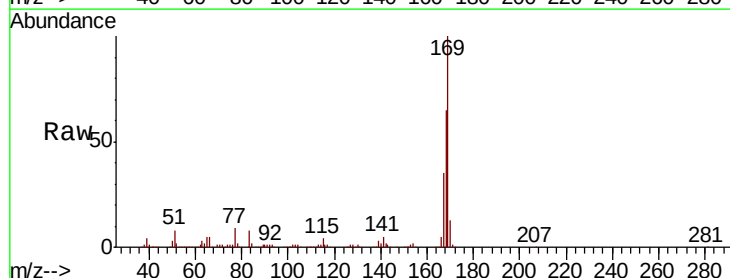
Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Tgt Ion:169 Resp: 1307686

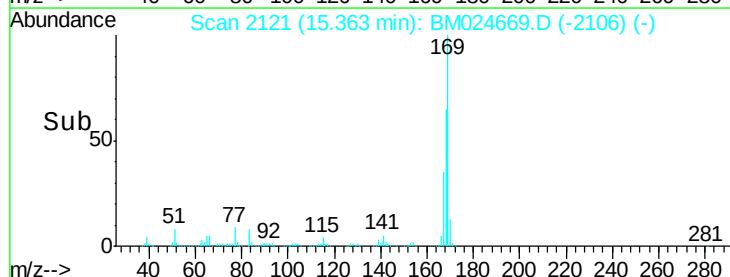
Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.8	79.2
167	34.6	28.2	42.2



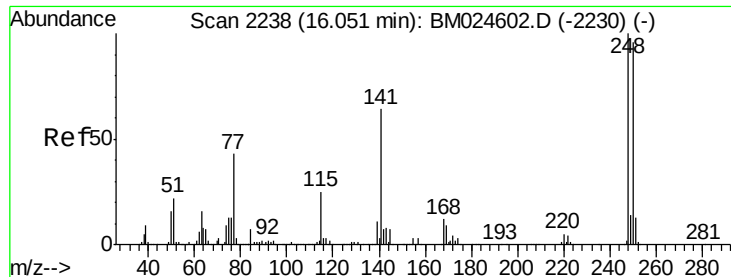
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



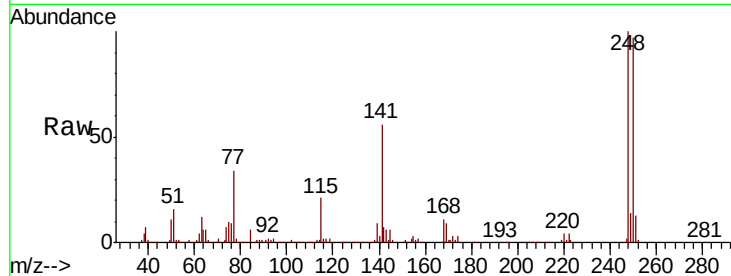
Time-->



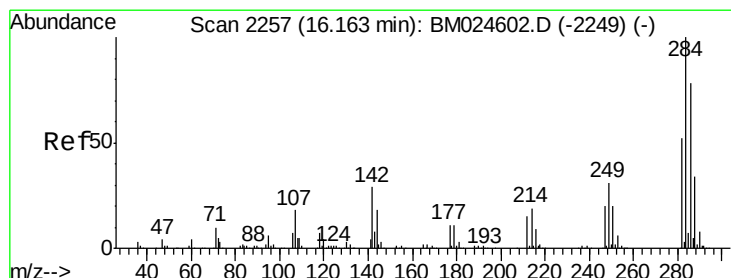
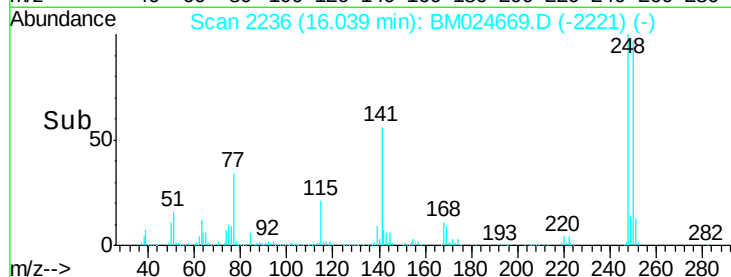
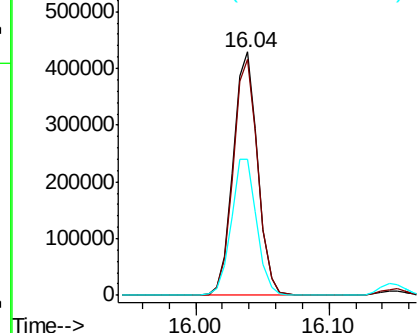
#67
4-Bromophenyl-phenylether
Concen: 48.284 ng
RT: 16.04 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 553501
Ion Ratio Lower Upper
248 100
250 97.0 77.0 115.6
141 56.0 50.9 76.3

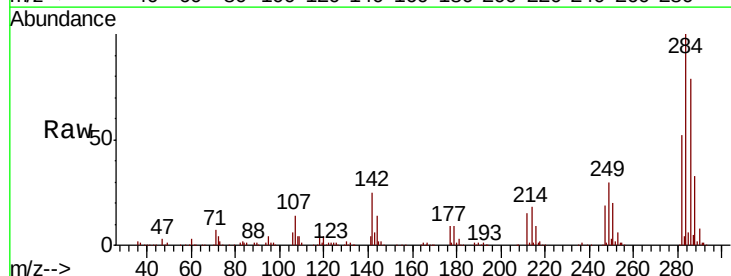


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

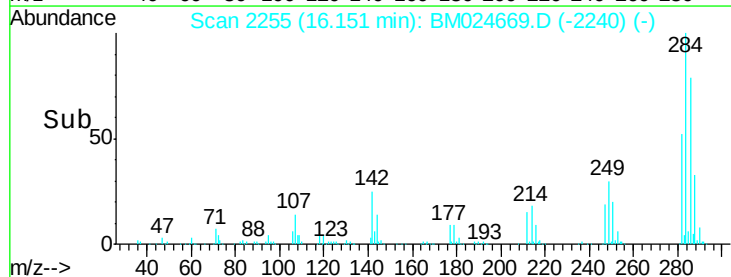
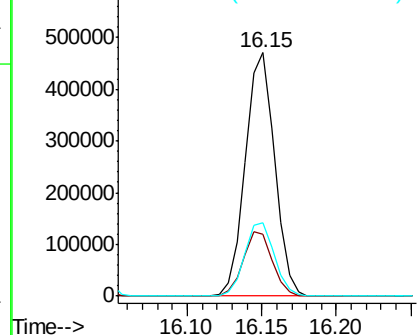


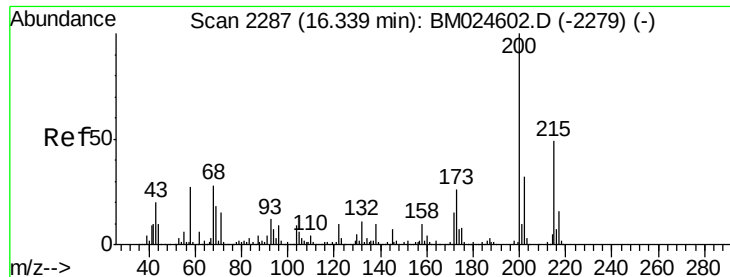
#68
Hexachlorobenzene
Concen: 48.737 ng
RT: 16.15 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Tgt Ion:284 Resp: 641137
Ion Ratio Lower Upper
284 100
142 25.4 23.5 35.3
249 30.3 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: 50.991 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampled :

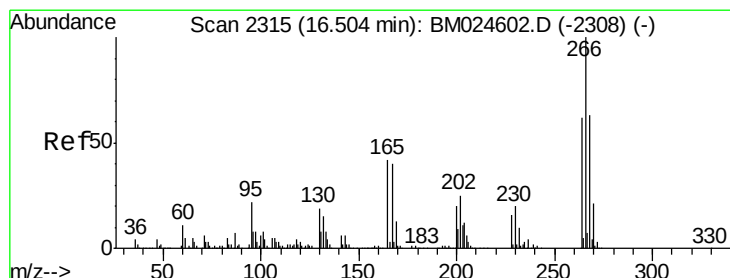
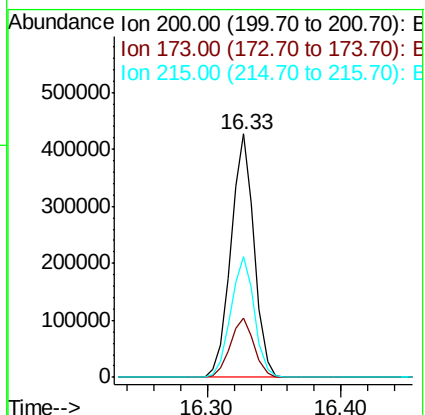
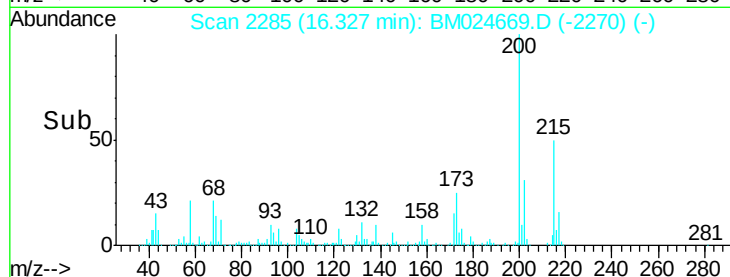
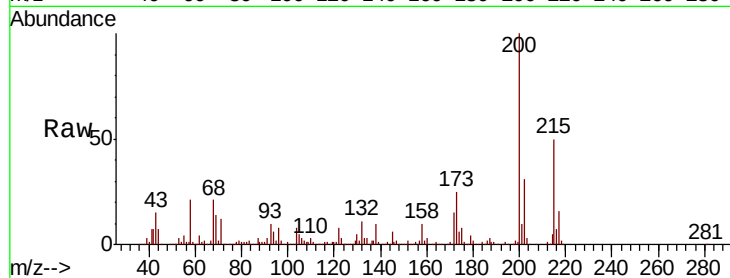
Tot Ion:200 Resp: 518271

Ion Ratio Lower Upper

200 100

173 24.5 5.5 45.5

215 49.6 29.4 69.4



#70

Pentachlorophenol

Concen: 103.759 ng

RT: 16.49 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

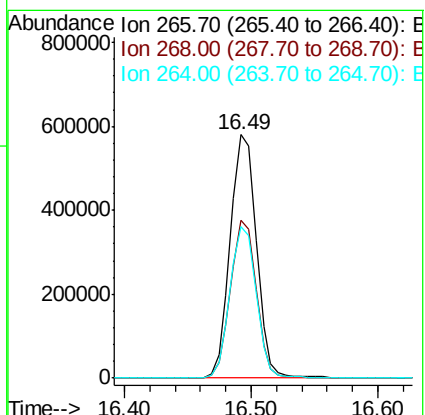
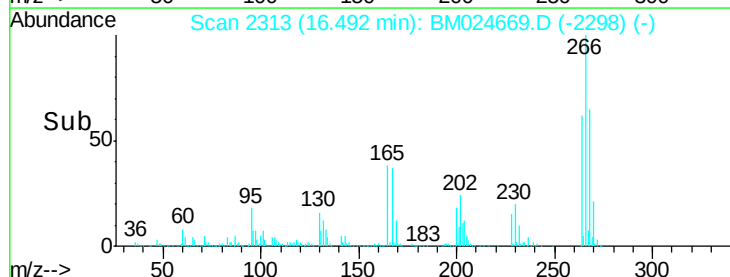
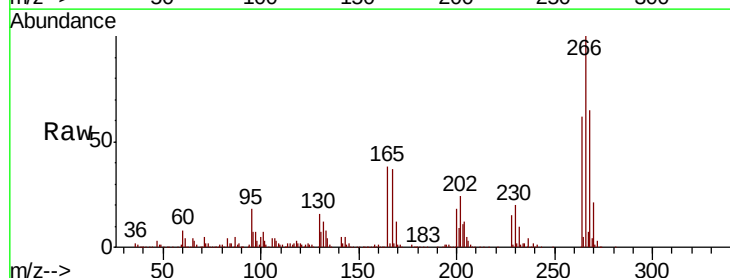
Tgt Ion:266 Resp: 831408

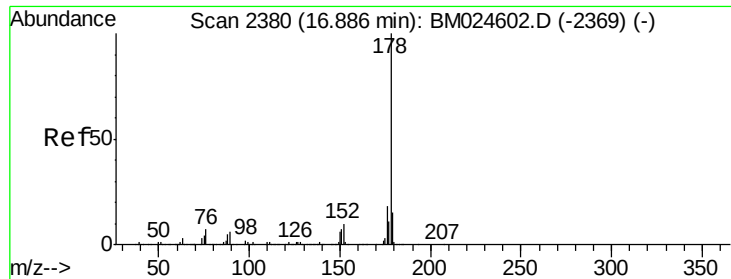
Ion Ratio Lower Upper

266 100

268 64.9 50.4 75.6

264 62.1 49.9 74.9

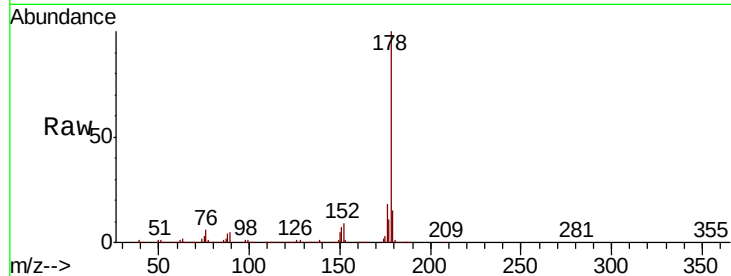




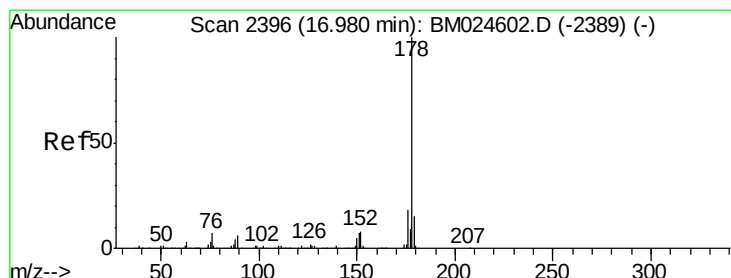
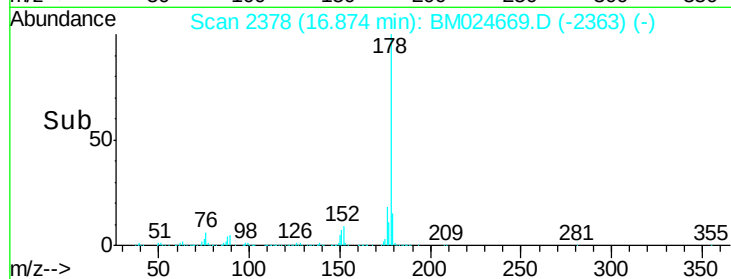
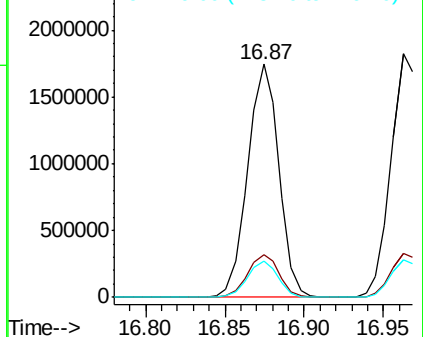
#71
Phenanthrene
Concen: 47.756 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 2383884
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.3 11.9 17.9

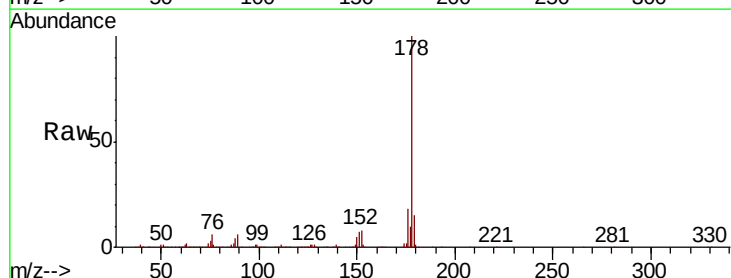


Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

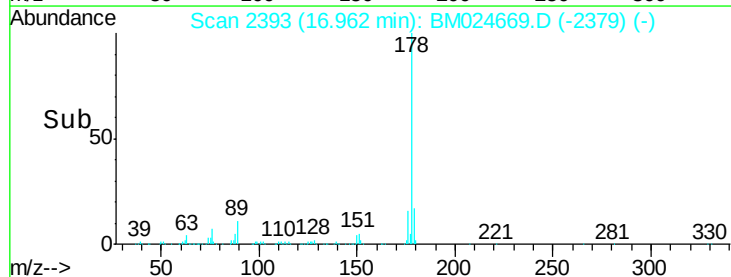
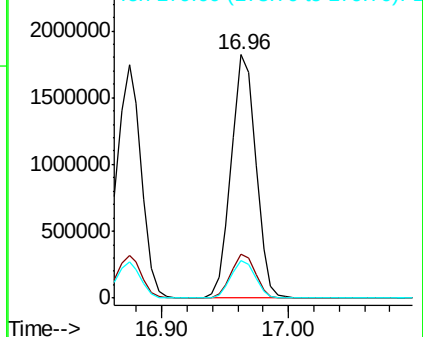


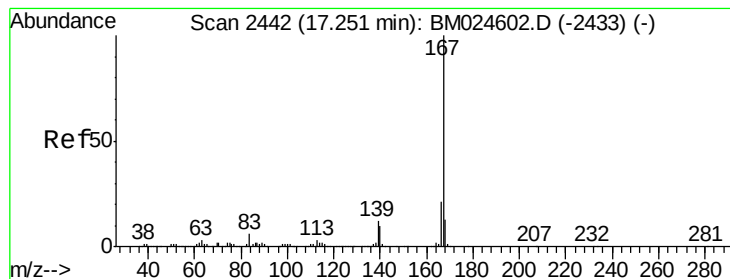
#72
Anthracene
Concen: 49.913 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Tgt Ion:178 Resp: 2437887
Ion Ratio Lower Upper
178 100
176 17.9 14.3 21.5
179 15.2 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.223 ng

RT: 17.24 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

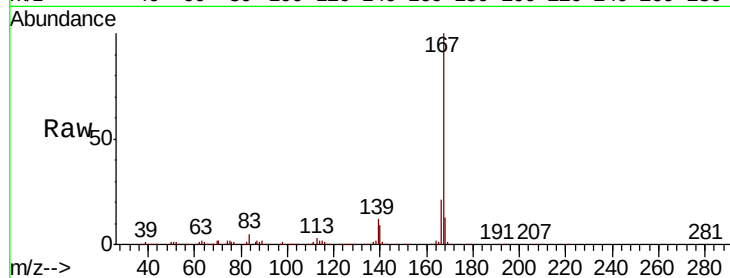
Tot Ion:167 Resp: 2144170

Ion Ratio Lower Upper

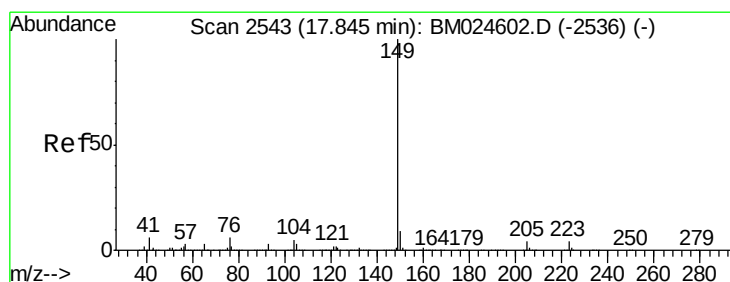
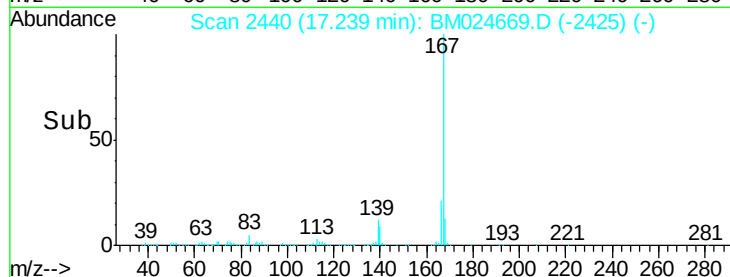
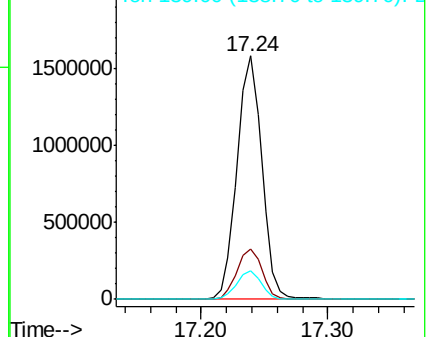
167 100

166 20.8 17.1 25.7

139 11.5 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



#74

Di-n-butylphthalate

Concen: 42.703 ng

RT: 17.83 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

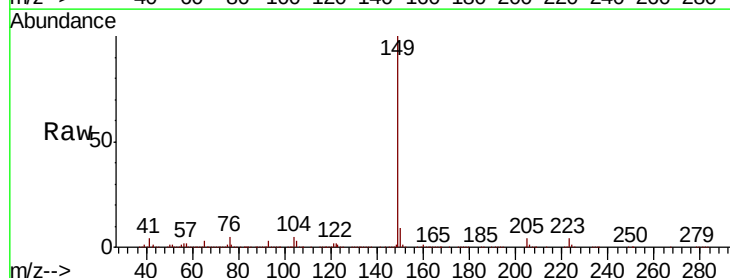
Tgt Ion:149 Resp: 2427384

Ion Ratio Lower Upper

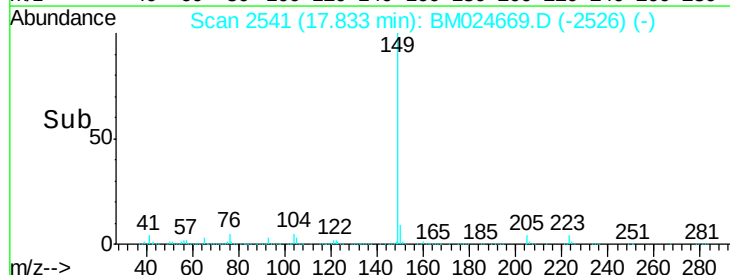
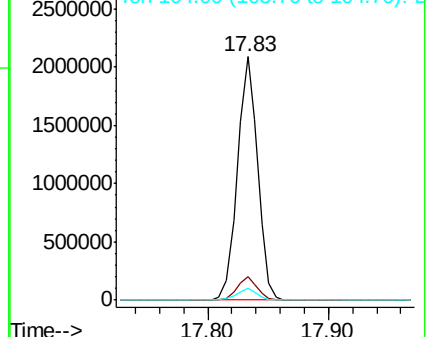
149 100

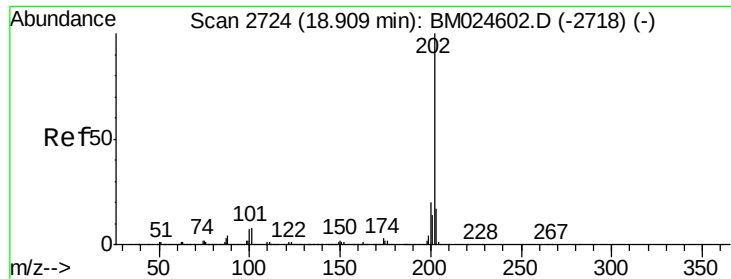
150 9.4 7.4 11.0

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





#75

Fluoranthene

Concen: 48.380 ng

RT: 18.90 min Scan# 2723

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

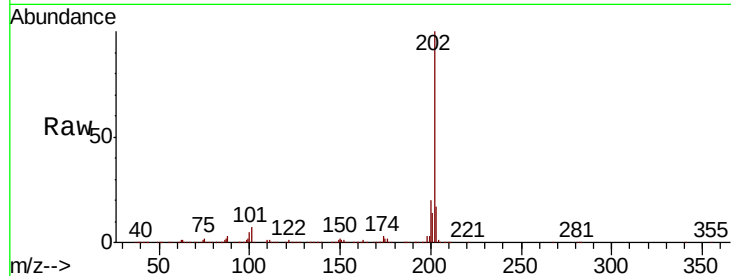
Tot Ion:202 Resp: 3014222

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.4

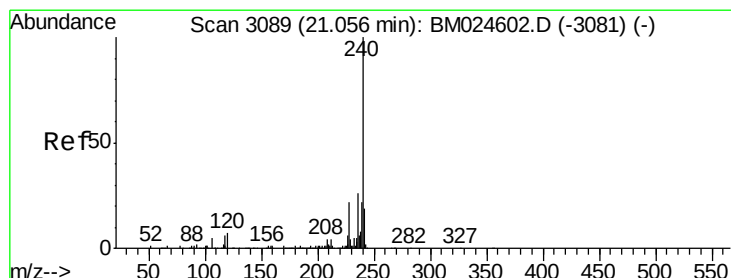
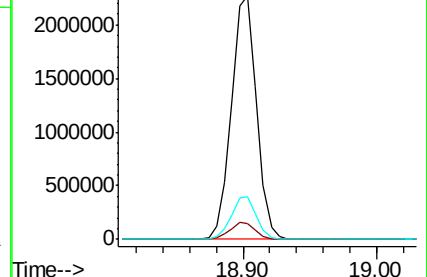
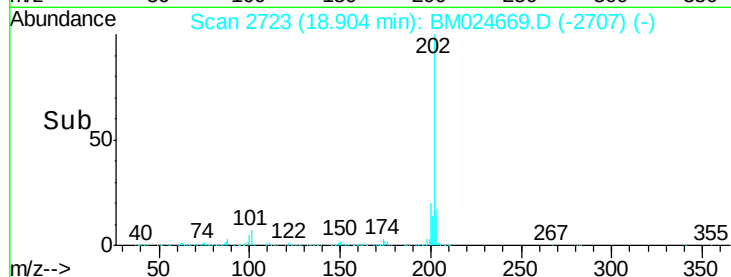
203 17.5 0.0 37.5



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: BM024669.D

Acq: 30 Jan 2020 21:32

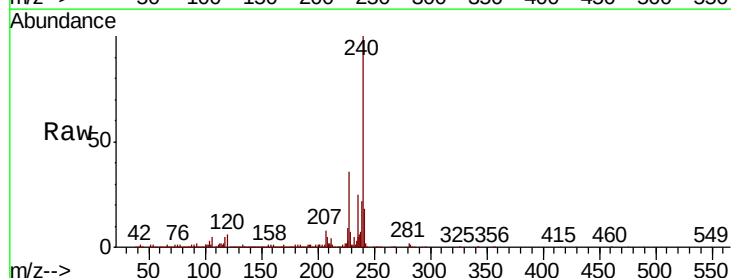
Tgt Ion:240 Resp: 1040616

Ion Ratio Lower Upper

240 100

120 6.2 5.3 7.9

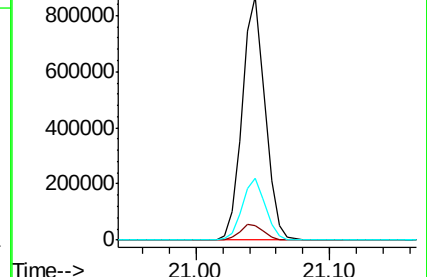
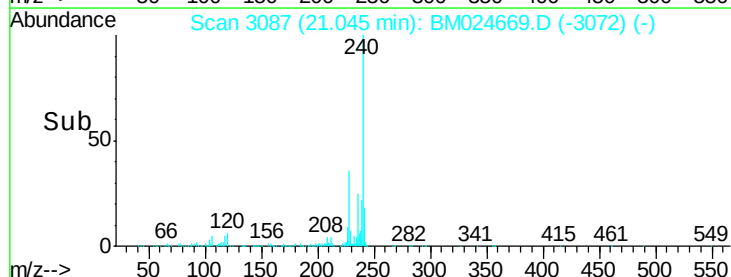
236 25.4 20.6 31.0

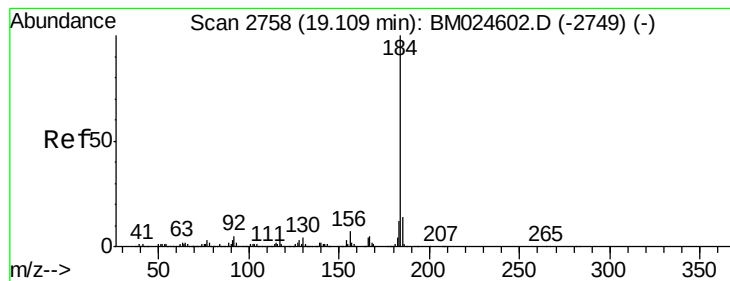


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 67.365 ng

RT: 19.10 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

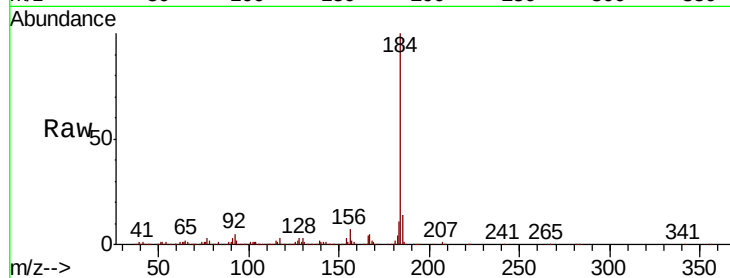
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1632572

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.3	16.9
183	11.5	9.6	14.4

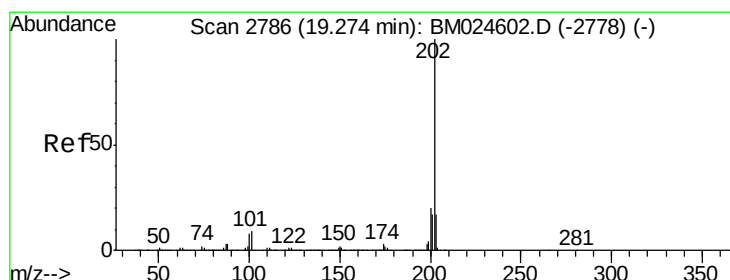
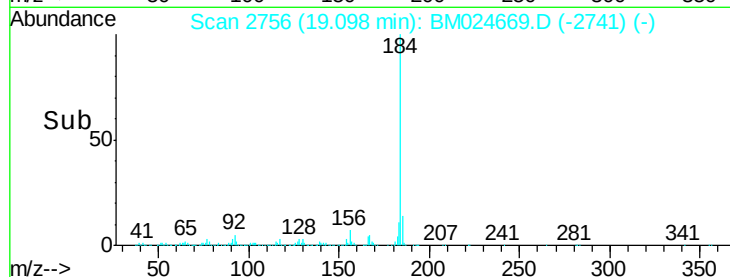
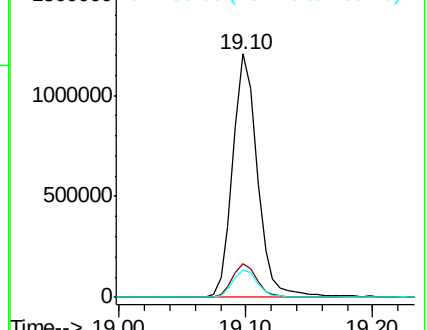


Abundance

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: 45.401 ng

RT: 19.26 min Scan# 2784

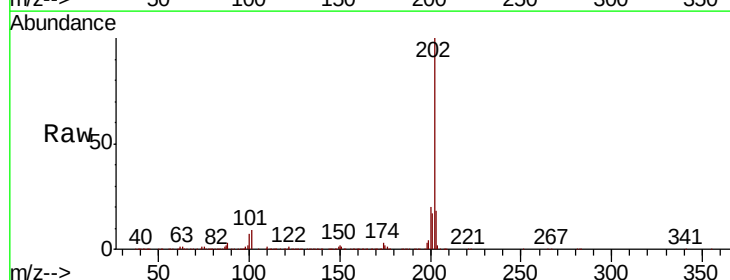
Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Tgt Ion:202 Resp: 3114589

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.8	14.0	21.0

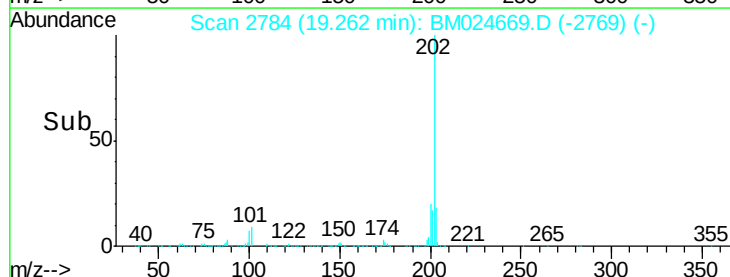
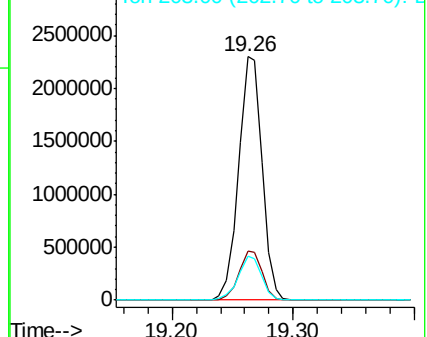


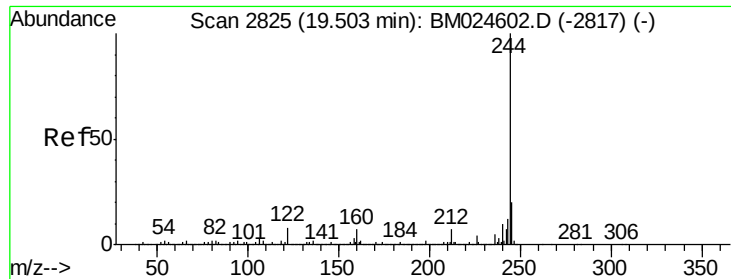
Abundance

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: 79.673 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

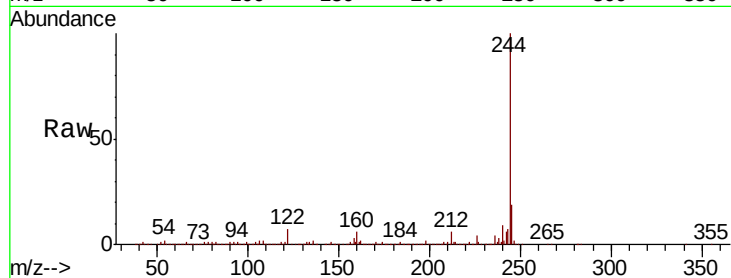
Tot Ion:244 Resp: 4440994

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

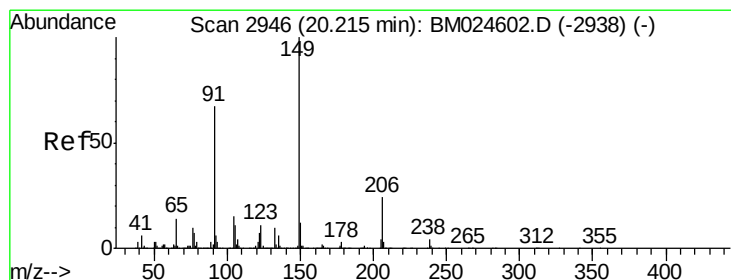
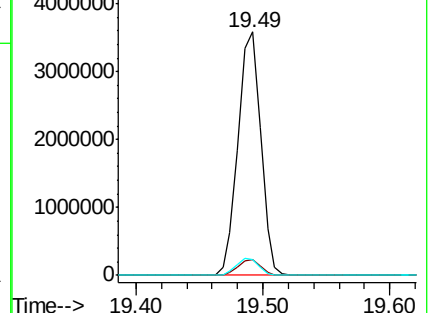
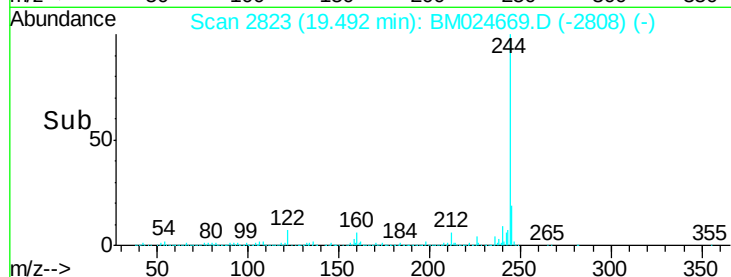
122 6.6 6.2 9.4



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: 40.068 ng

RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

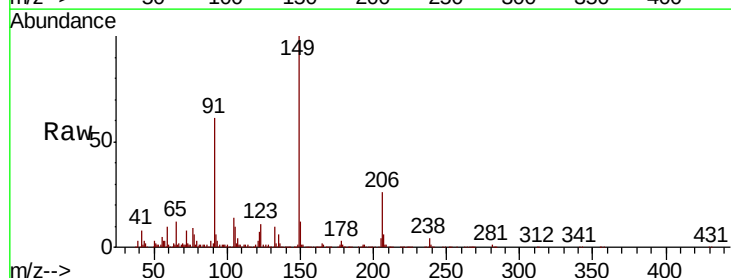
Tgt Ion:149 Resp: 1153383

Ion Ratio Lower Upper

149 100

91 60.6 53.9 80.9

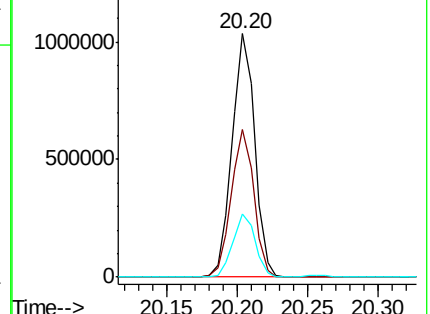
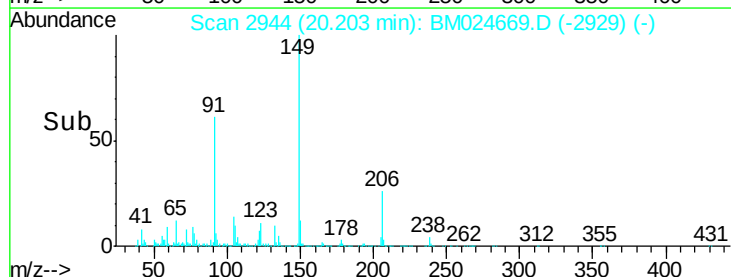
206 25.9 19.0 28.6

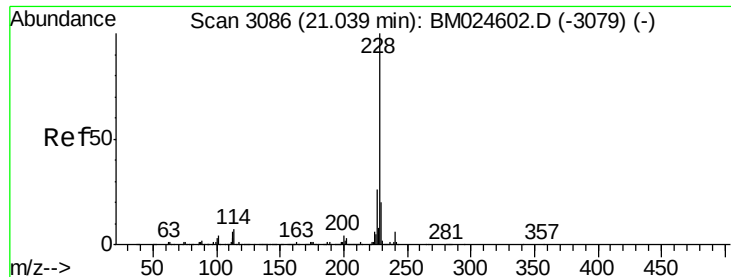


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.062 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

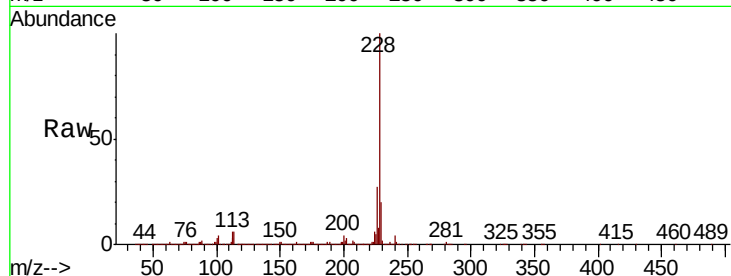
Tot Ion:228 Resp: 3399079

Ion Ratio Lower Upper

228 100

226 26.6 21.1 31.7

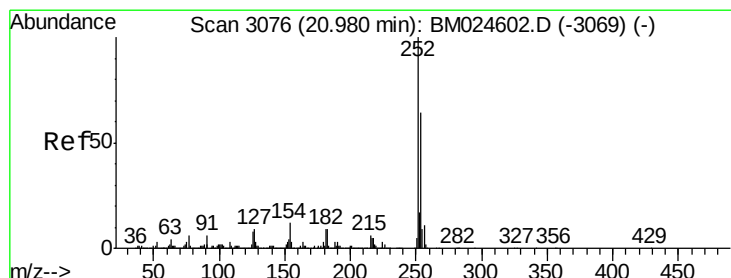
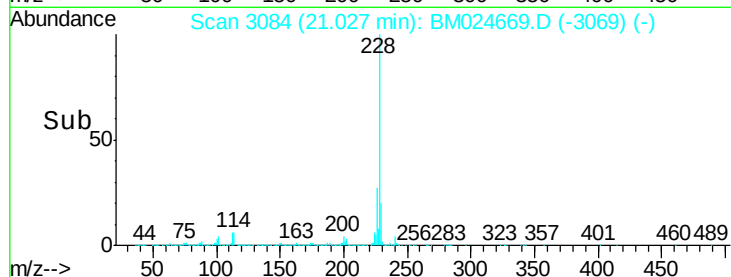
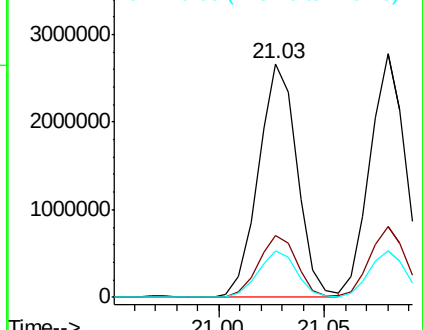
229 20.0 15.8 23.6



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: 43.391 ng

RT: 20.97 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

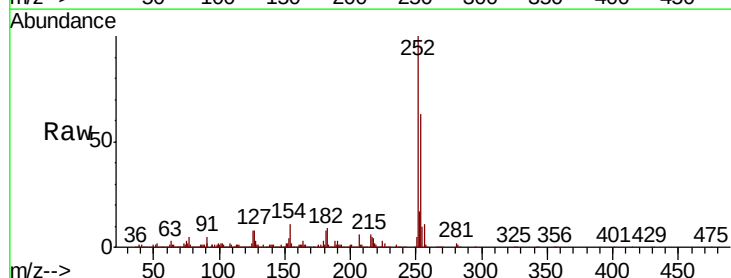
Tgt Ion:252 Resp: 1127337

Ion Ratio Lower Upper

252 100

254 63.1 51.5 77.3

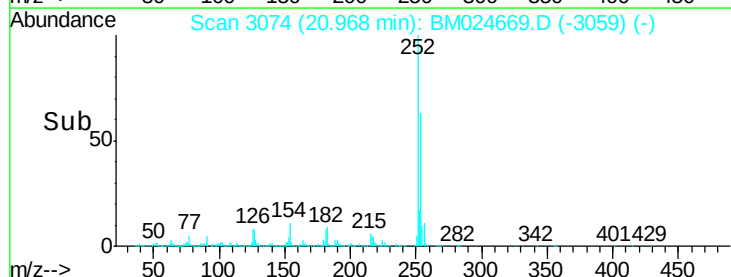
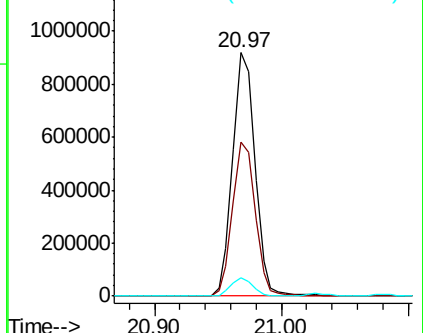
126 7.8 6.7 10.1

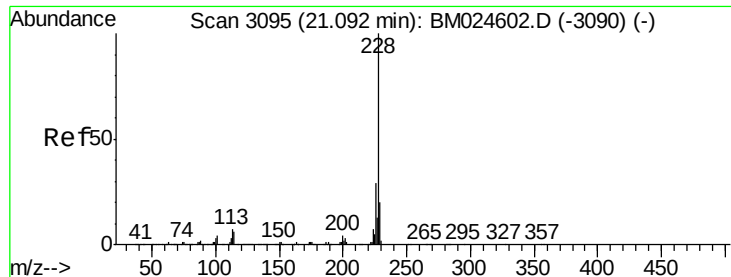


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.539 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

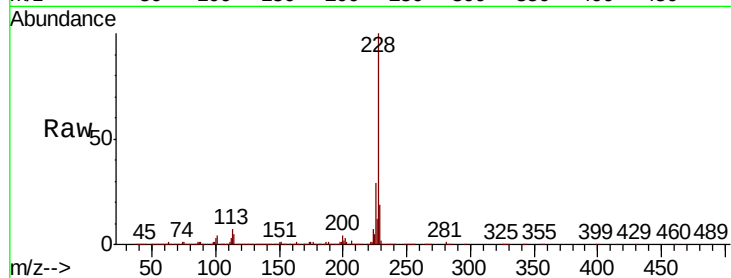
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3276293

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.2	34.8
229	19.2	15.7	23.5

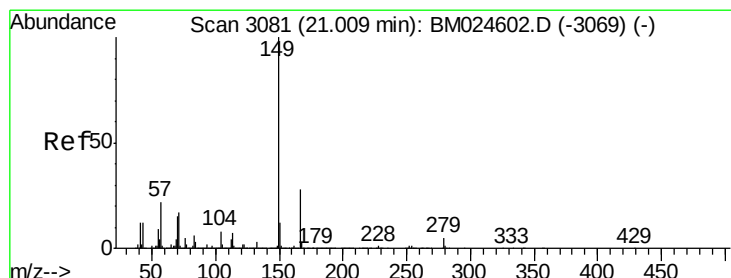
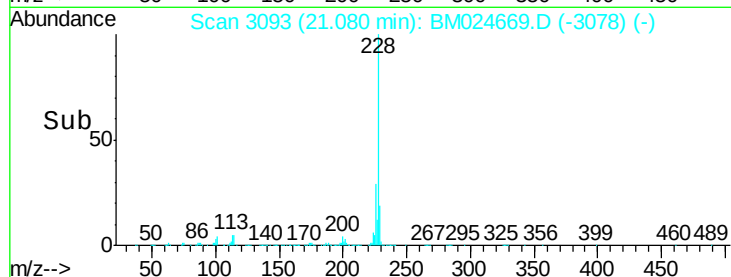
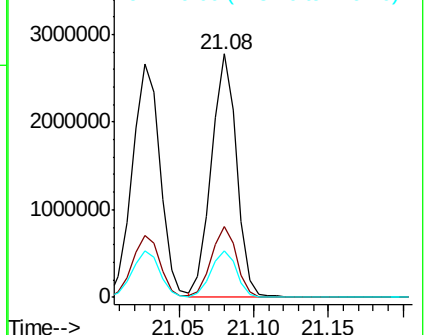


Abundance

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: 39.574 ng

RT: 21.00 min Scan# 3080

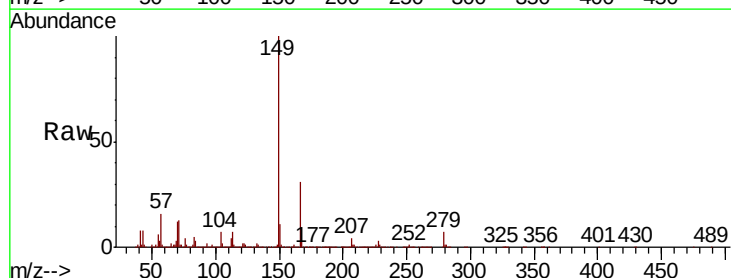
Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Tgt Ion:149 Resp: 1680873

Ion	Ratio	Lower	Upper
149	100		
167	30.9	22.5	33.7
279	6.7	4.0	6.0

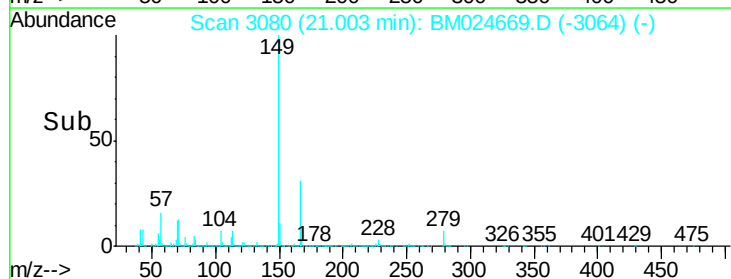
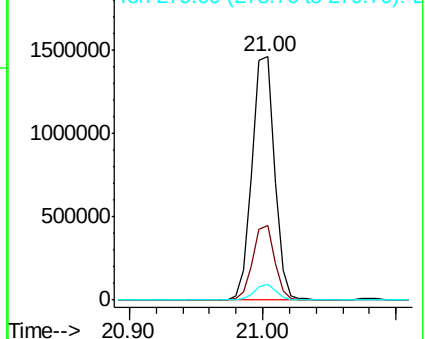


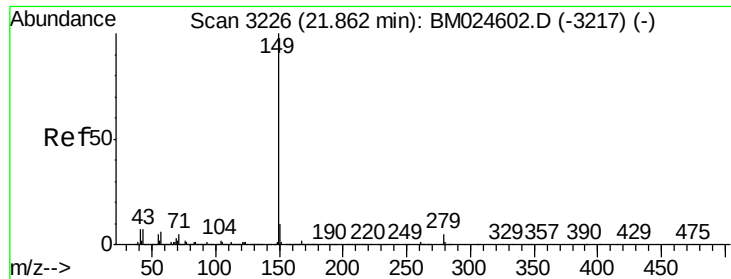
Abundance

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

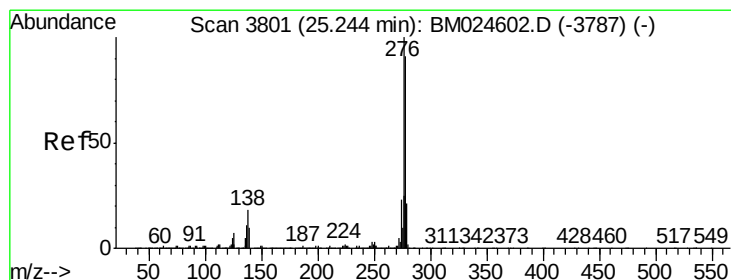
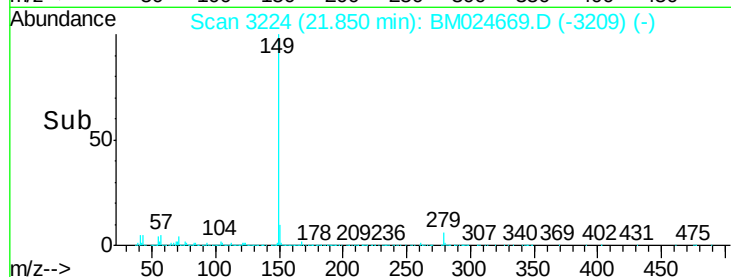
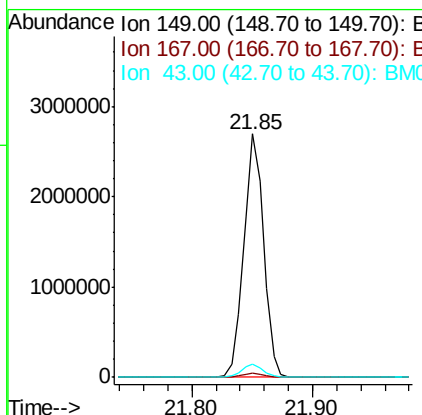
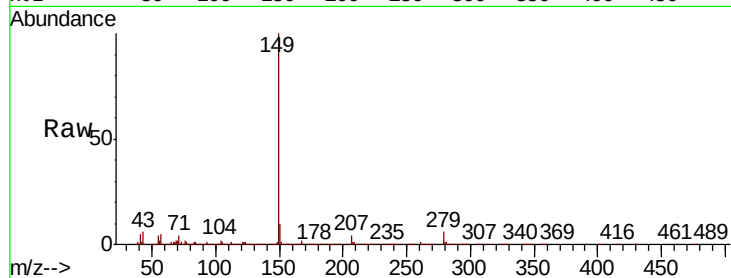




#85
Di-n-octyl phthalate
Concen: 44.079 ng
RT: 21.85 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

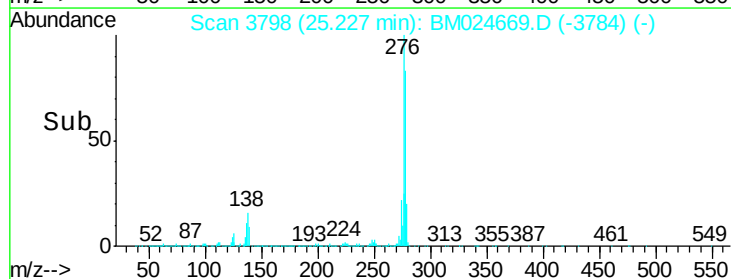
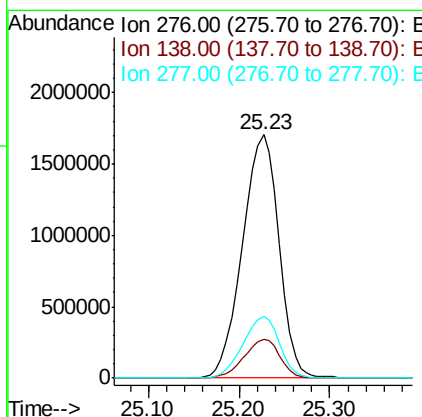
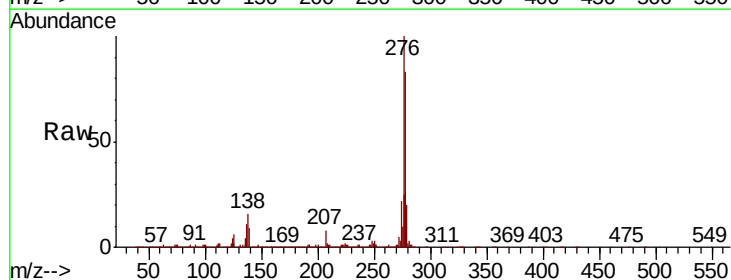
Instrument :
BNA_M
ClientSampleId :

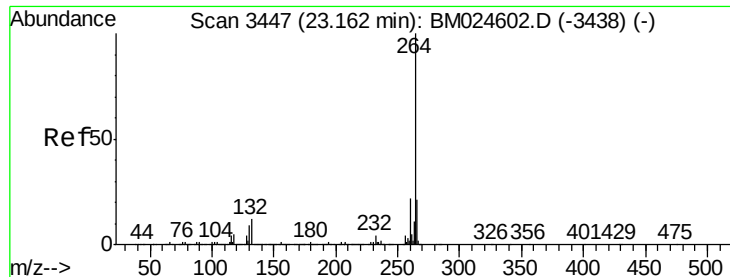
Tot Ion:149 Resp: 3093145
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 5.5 5.8 8.6#



#86
Indeno(1,2,3-cd)pyrene
Concen: 63.579 ng
RT: 25.23 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Tgt Ion:276 Resp: 4775772
Ion Ratio Lower Upper
276 100
138 15.7 13.4 20.0
277 25.3 19.6 29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.15 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampled :

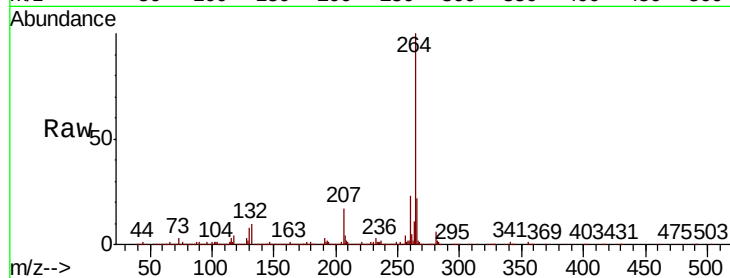
Tot Ion:264 Resp: 1336243

Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

265 21.9 17.3 25.9

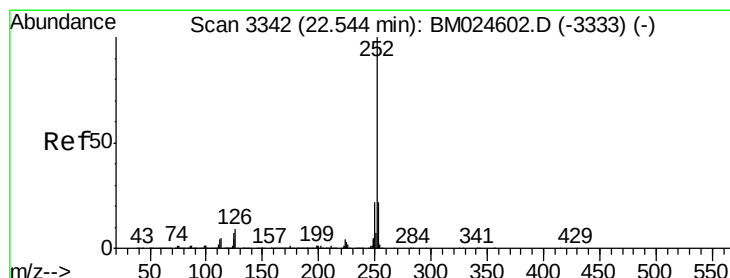
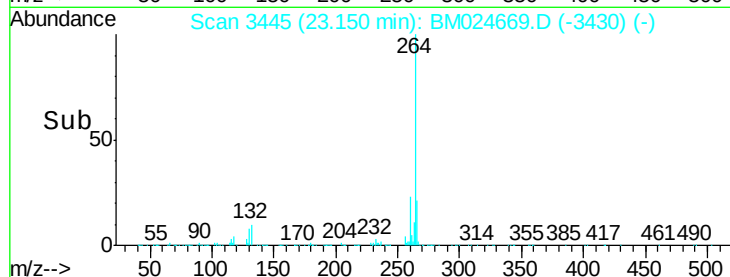
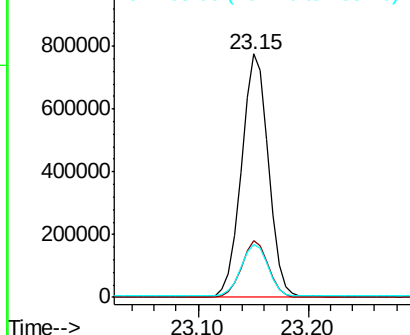


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.370 ng

RT: 22.53 min Scan# 3340

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

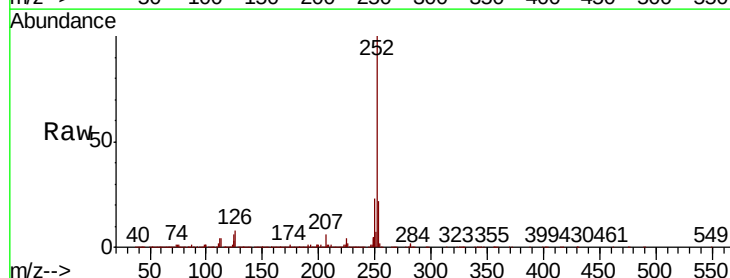
Tgt Ion:252 Resp: 3932005

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 6.4 5.7 8.5

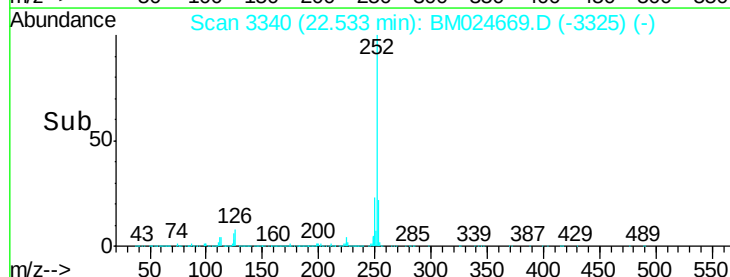
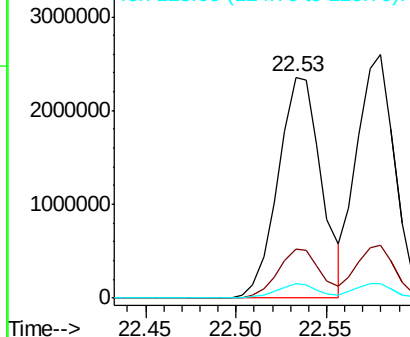


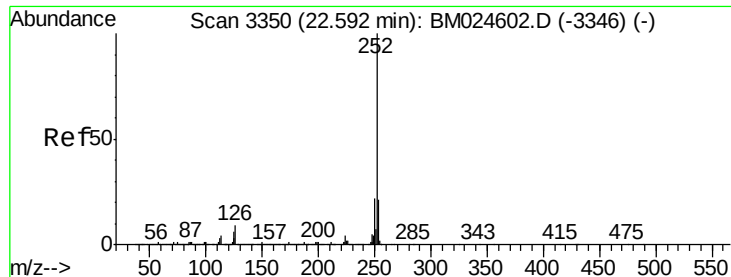
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.476 ng

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

Instrument :

BNA_M

ClientSampleId :

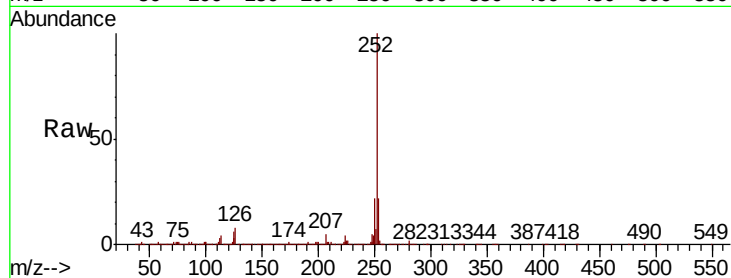
Tot Ion:252 Resp: 3762403

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

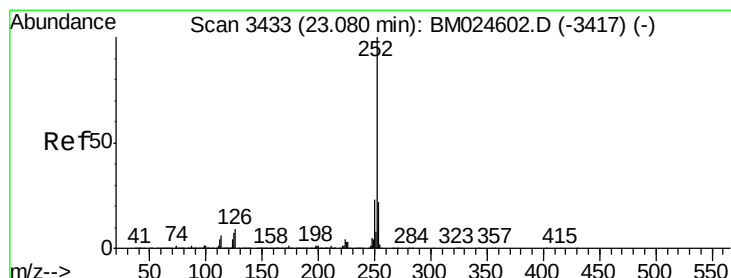
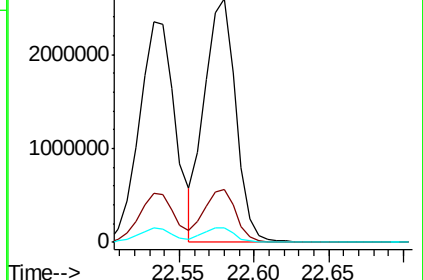
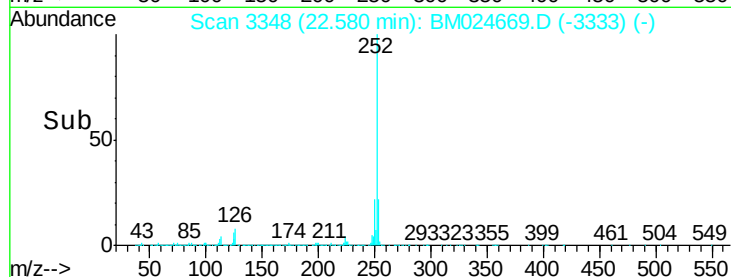
125 5.8 5.2 7.8



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: 45.986 ng

RT: 23.06 min Scan# 3430

Delta R.T. -0.02 min

Lab File: BM024669.D

Acq: 30 Jan 2020 21:32

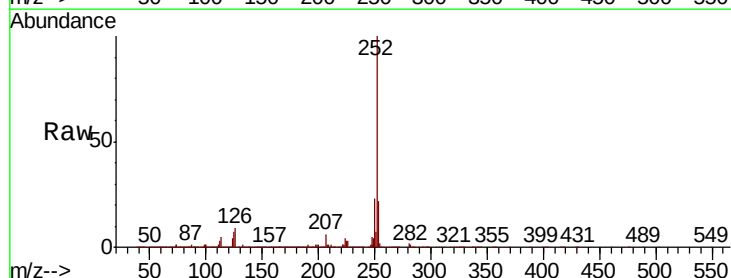
Tgt Ion:252 Resp: 3623454

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

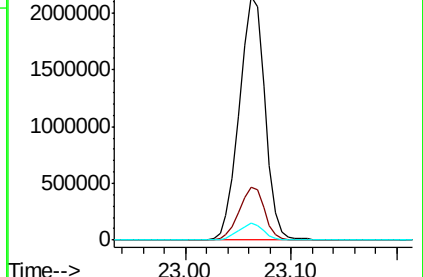
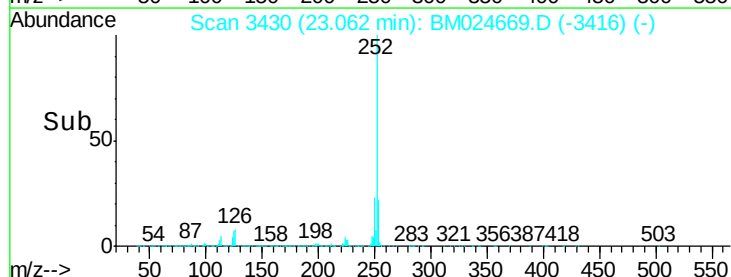
125 6.9 5.8 8.8

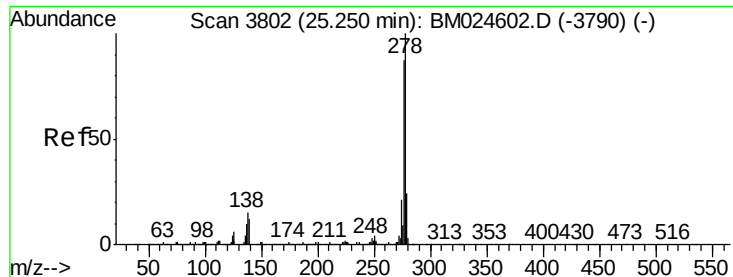


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



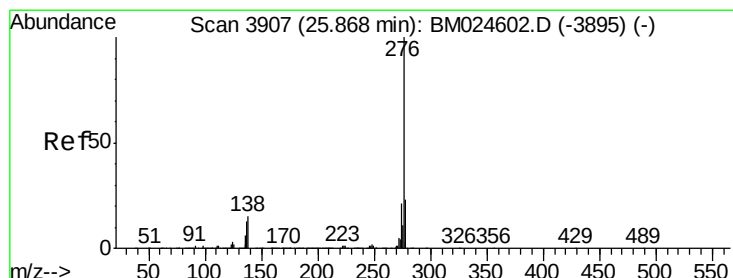
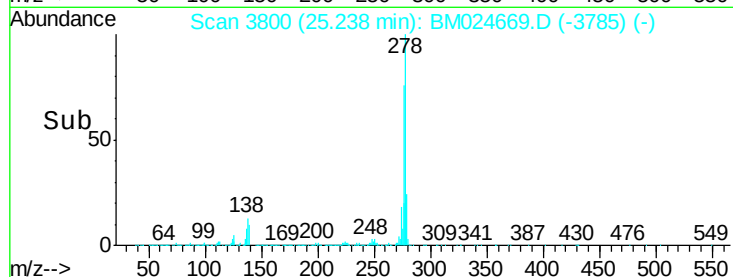
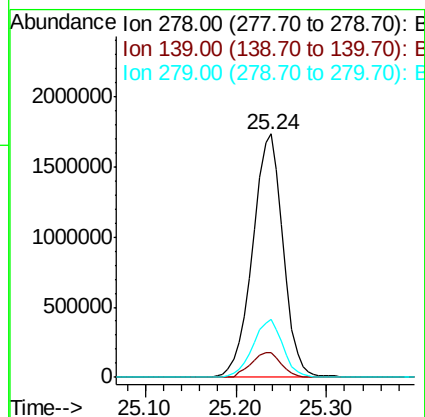
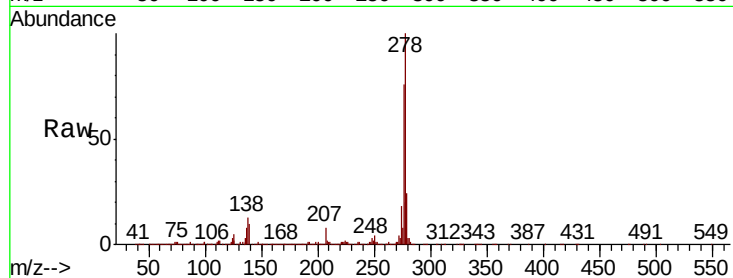


#91
Dibenzo(a,h)anthracene
Concen: 54.065 ng
RT: 25.24 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 4043351

Ion	Ratio	Lower	Upper
278	100		
139	10.1	9.3	13.9
279	23.7	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 59.241 ng
RT: 25.85 min Scan# 3904
Delta R.T. -0.02 min
Lab File: BM024669.D
Acq: 30 Jan 2020 21:32

Tgt Ion:276 Resp: 4022876

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	13.4	11.9	17.9

