

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024612.D
 Acq On : 23 Jan 2020 17:45
 Operator : CG/JU
 Sample : K5111-07
 Misc : 8 PPM LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 23 18:18:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	240799	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1000740	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	711149	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1647528	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1703824	20.00	ng	0.00
87) Perylene-d12	23.17	264	1730996	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	1677734	132.50	ng	0.00
7) Phenol-d6	6.65	99	2217580	127.14	ng	0.00
23) Nitrobenzene-d5	8.59	82	1527518	74.86	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1531281	132.37	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3965055	75.80	ng	0.00
79) Terphenyl-d14	19.50	244	7877194	86.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	43566	8.698	ng	97
3) Pyridine	3.46	79	123362	8.496	ng	97
4) n-Nitrosodimethylamine	3.38	42	51364	7.970	ng	# 98
6) Aniline	6.79	93	172358	8.117	ng	97
8) 2-Chlorophenol	7.02	128	114365	7.934	ng	95
9) Benzaldehyde	6.60	77	73728	7.154	ng	98
10) Phenol	6.66	94	136151	7.831	ng	89
11) bis(2-Chloroethyl)ether	6.89	93	111202	7.989	ng	96
12) 1,3-Dichlorobenzene	7.33	146	148222	8.370	ng	97
13) 1,4-Dichlorobenzene	7.48	146	146453	8.152	ng	97
14) 1,2-Dichlorobenzene	7.79	146	140031	8.075	ng	98
15) Benzyl Alcohol	7.69	79	111629	7.762	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.97	45	103618	8.132	ng	95
17) 2-Methylphenol	7.89	107	93628	7.641	ng	99
18) Hexachloroethane	8.50	117	56923	8.206	ng	97
19) n-Nitroso-di-n-propylamine	8.25	70	104462	7.977	ng	98
20) 3+4-Methylphenols	8.22	107	127043	7.490	ng	98
22) Acetophenone	8.26	105	203545	7.888	ng	98
24) Nitrobenzene	8.62	77	161822	8.275	ng	96
25) Isophorone	9.15	82	269299	7.767	ng	99
26) 2-Nitrophenol	9.33	139	64113	7.081	ng	97
27) 2,4-Dimethylphenol	9.40	122	93770	7.621	ng	98
28) bis(2-Chloroethoxy)methane	9.64	93	166873	7.878	ng	99
29) 2,4-Dichlorophenol	9.86	162	121671	7.319	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	156920	7.827	ng	99
31) Naphthalene	10.25	128	397068	7.856	ng	99
32) Benzoic acid	9.50	122	39670	3.524	ng	96
33) 4-Chloroaniline	10.37	127	167231	7.548	ng	99
34) Hexachlorobutadiene	10.56	225	109794	7.922	ng	95
35) Caprolactam	11.12	113	35928	6.736	ng	87
36) 4-Chloro-3-methylphenol	11.50	107	129995	7.354	ng	99
37) 2-Methylnaphthalene	11.87	142	302159	7.746	ng	99
38) 1-Methylnaphthalene	12.10	142	289751	7.809	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	200453	7.898	ng	100

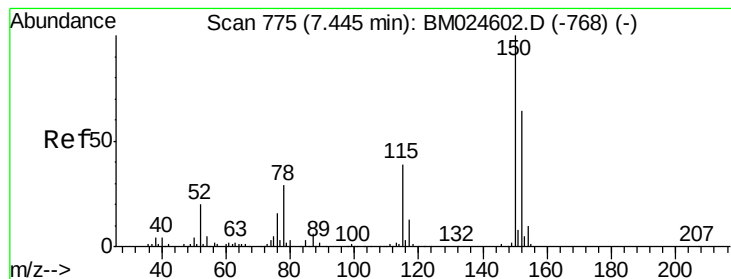
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024612.D
 Acq On : 23 Jan 2020 17:45
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	105219	7.396	ng	99
43) 2,4,6-Trichlorophenol	12.50	196	116500	7.213	ng	97
44) 2,4,5-Trichlorophenol	12.57	196	120349	7.296	ng	99
46) 1,1'-Biphenyl	12.92	154	429776	7.986	ng	99
47) 2-Chloronaphthalene	12.95	162	342064	7.873	ng	98
48) 2-Nitroaniline	13.16	65	94969	7.167	ng	99
49) Acenaphthylene	13.80	152	501832	7.716	ng	99
50) Dimethylphthalate	13.56	163	450791	7.839	ng	99
51) 2,6-Dinitrotoluene	13.67	165	91339	7.471	ng	97
52) Acenaphthene	14.16	154	312519	7.743	ng	99
53) 3-Nitroaniline	14.00	138	87947	6.936	ng	100
54) 2,4-Dinitrophenol	14.20	184	38606	5.280	ng	94
55) Dibenzofuran	14.49	168	518096	7.871	ng	99
56) 4-Nitrophenol	14.32	139	65062	6.564	ng	97
57) 2,4-Dinitrotoluene	14.46	165	123980	7.076	ng	96
58) Fluorene	15.15	166	419204	7.578	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	124509	7.443	ng	98
60) Diethylphthalate	14.95	149	452134	7.745	ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	246911	7.742	ng	97
62) 4-Nitroaniline	15.16	138	96368	6.885	ng	93
63) Azobenzene	15.44	77	389567	7.823	ng	97
65) 4,6-Dinitro-2-methylphenol	15.23	198	59766	6.170	ng	99
66) n-Nitrosodiphenylamine	15.37	169	362051	7.650	ng	99
67) 4-Bromophenyl-phenylether	16.05	248	156458	7.636	ng	99
68) Hexachlorobenzene	16.16	284	189607	8.064	ng	99
69) Atrazine	16.33	200	132587	7.299	ng	98
70) Pentachlorophenol	16.50	266	99254	6.931	ng	95
71) Phenanthrene	16.89	178	691759	7.754	ng	99
72) Anthracene	16.97	178	661190	7.574	ng	99
73) Carbazole	17.24	167	604235	7.603	ng	98
74) Di-n-butylphthalate	17.84	149	738308	7.267	ng	99
75) Fluoranthene	18.91	202	843985	7.579	ng	99
77) Benzidine	19.11	184	260671	6.569	ng	98
78) Pyrene	19.27	202	872869	7.771	ng	99
80) Butylbenzylphthalate	20.22	149	313995	6.662	ng	98
81) Benzo(a)anthracene	21.04	228	914760	7.735	ng	99
82) 3,3'-Dichlorobenzidine	20.98	252	289747	6.811	ng	100
83) Chrysene	21.09	228	879920	7.798	ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	469195	6.747	ng	98
85) Di-n-octyl phthalate	21.86	149	722821	6.291	ng	99
86) Indeno(1,2,3-cd)pyrene	25.23	276	795775	6.470	ng	98
88) Benzo(b)fluoranthene	22.54	252	832018	7.411	ng	99
89) Benzo(k)fluoranthene	22.59	252	843509	7.697	ng	100
90) Benzo(a)pyrene	23.07	252	742885	7.278	ng	98
91) Dibenzo(a,h)anthracene	25.24	278	675563	6.973	ng	99
92) Benzo(g,h,i)perylene	25.85	276	610860	6.944	ng	98

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

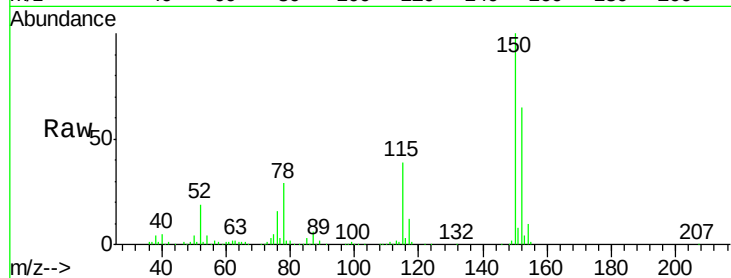


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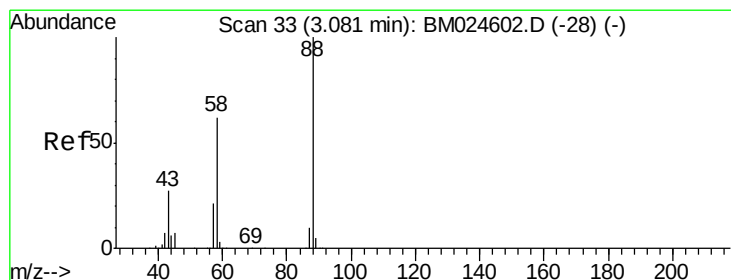
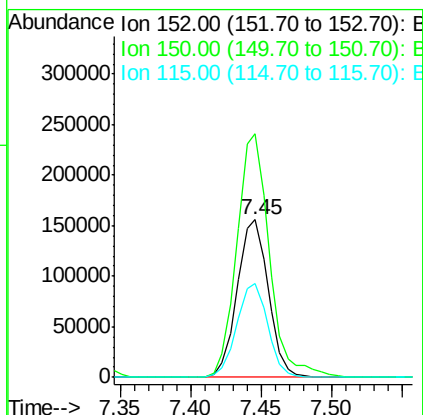
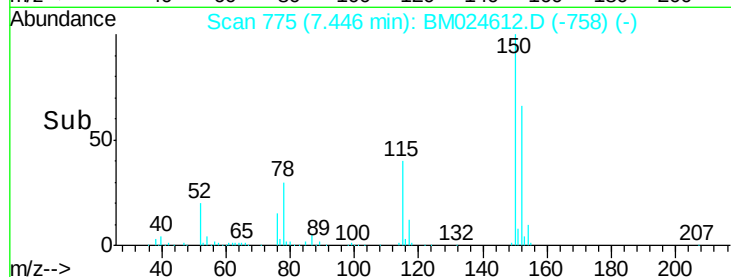
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 240799
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.4
115 59.8 48.6 72.8



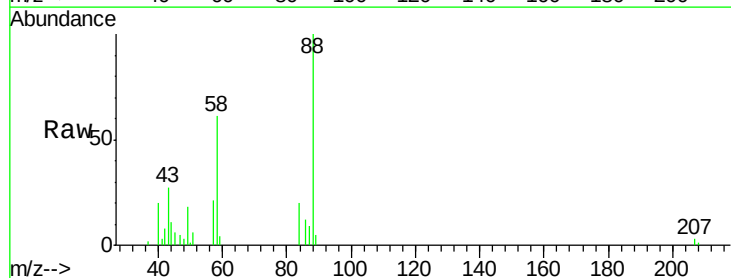
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



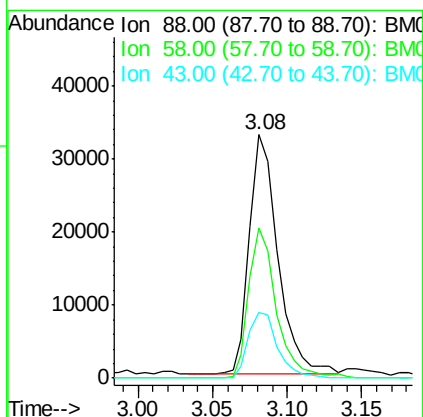
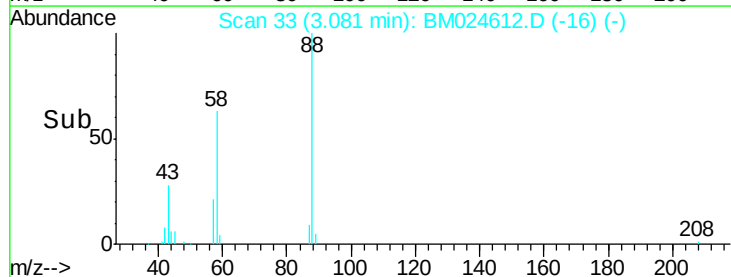
#2

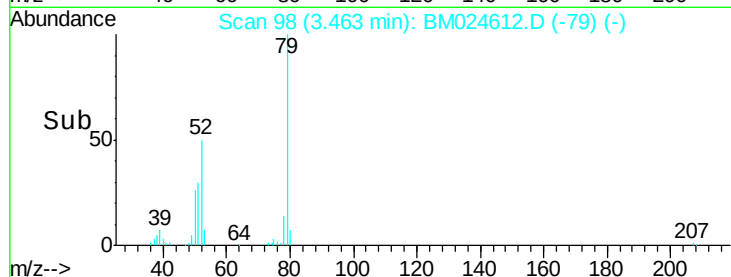
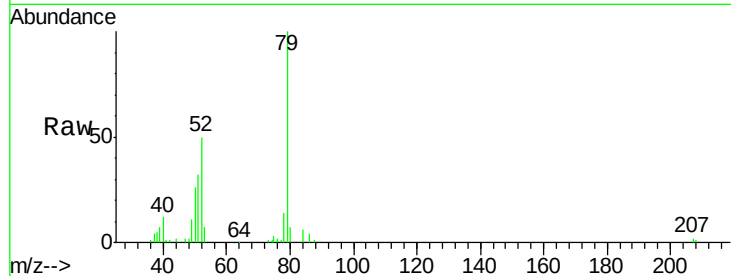
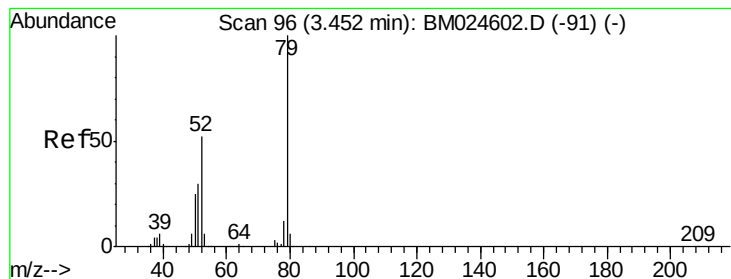
1,4-Dioxane
Concen: 8.698 ng
RT: 3.08 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion: 88 Resp: 43566
Ion Ratio Lower Upper
88 100
58 60.5 50.0 75.0
43 28.3 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: 8.496 ng

RT: 3.46 min Scan# 98

Delta R.T. 0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

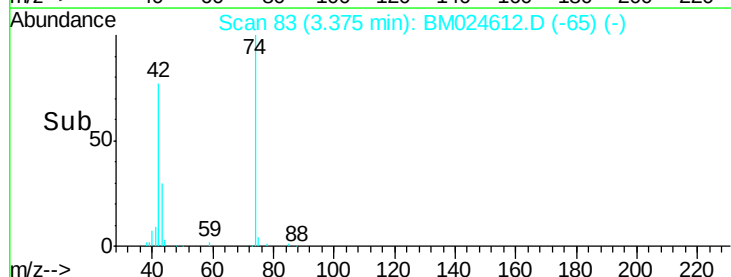
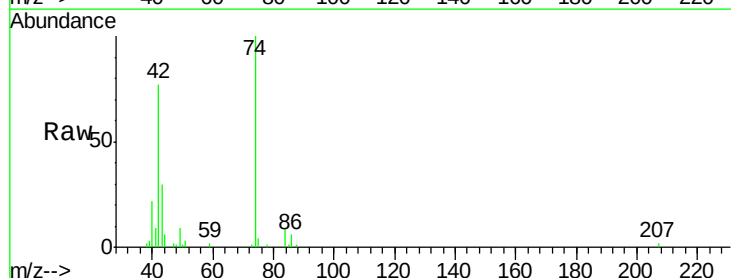
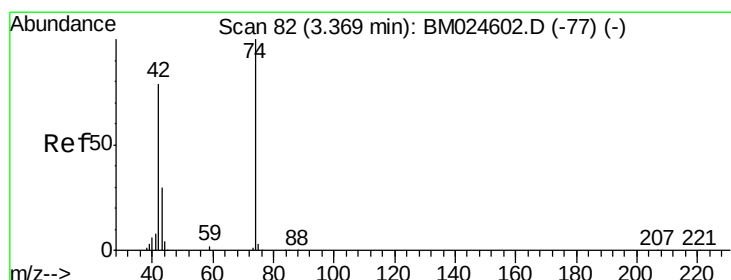
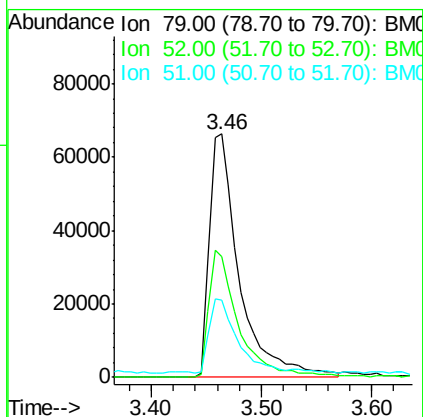
Tot Ion: 79 Resp: 123362

Ion Ratio Lower Upper

79 100

52 49.8 41.4 62.2

51 31.8 23.8 35.8



#4

n-Nitrosodimethylamine

Concen: 7.970 ng

RT: 3.38 min Scan# 83

Delta R.T. 0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

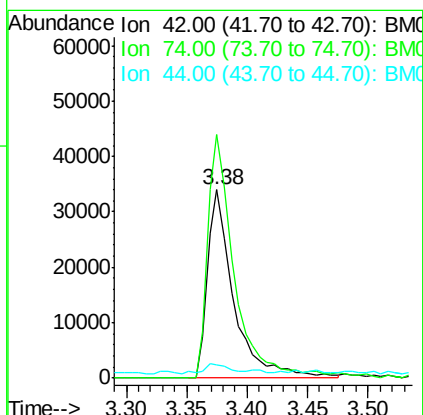
Tgt Ion: 42 Resp: 51364

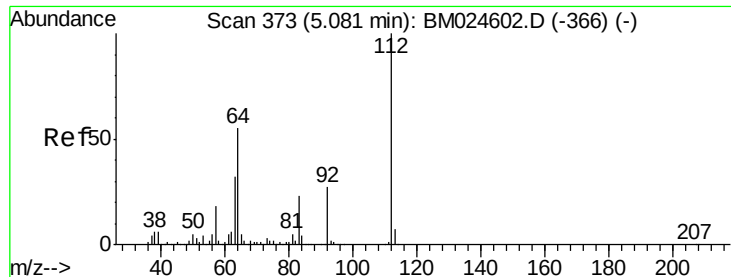
Ion Ratio Lower Upper

42 100

74 129.2 101.4 152.2

44 7.2 4.6 6.8#





#5

2-Fluorophenol

Concen: 132.502 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

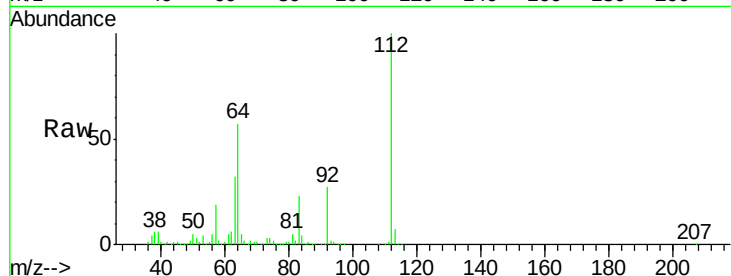
Tot Ion:112 Resp: 1677734

Ion Ratio Lower Upper

112 100

64 57.0 44.2 66.4

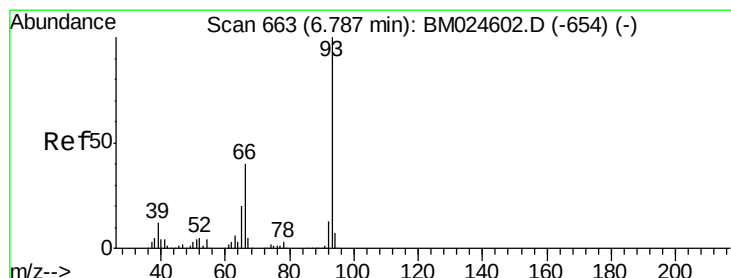
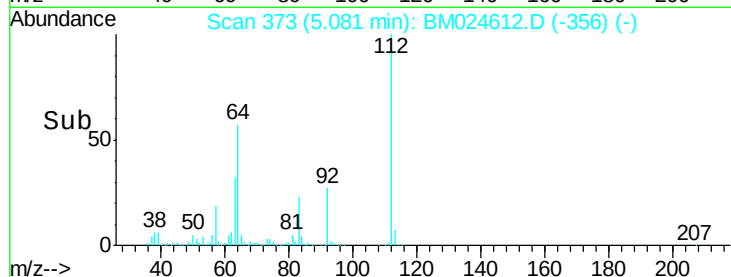
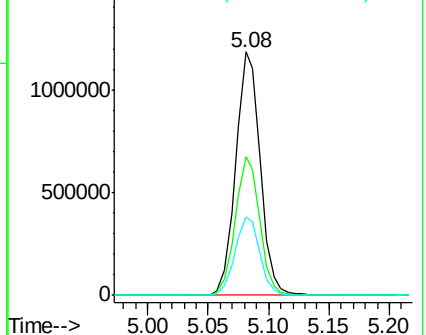
63 32.4 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 8.117 ng

RT: 6.79 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

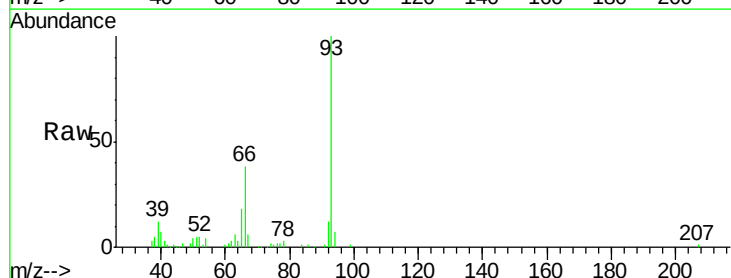
Tgt Ion: 93 Resp: 172358

Ion Ratio Lower Upper

93 100

66 37.9 31.8 47.8

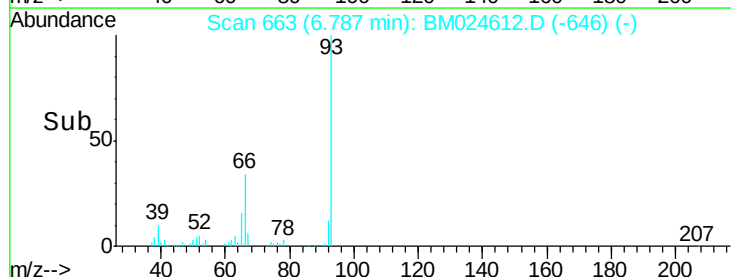
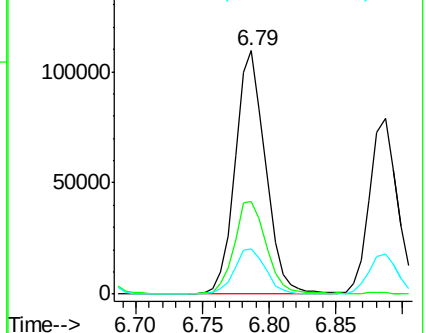
65 18.3 15.8 23.6

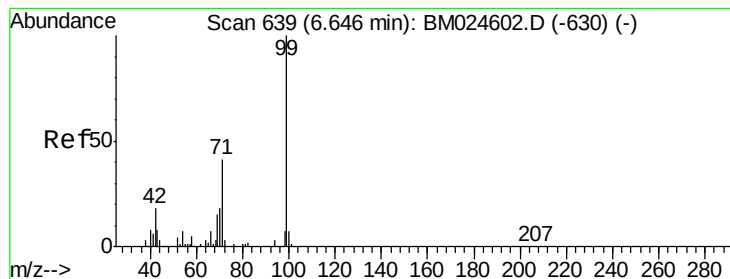


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 127.135 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

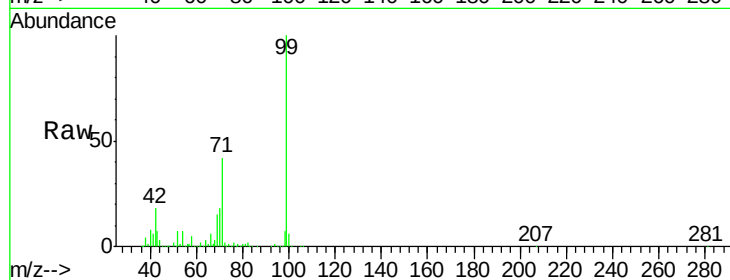
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2217580

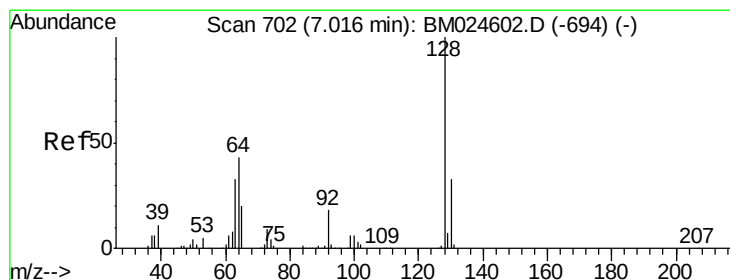
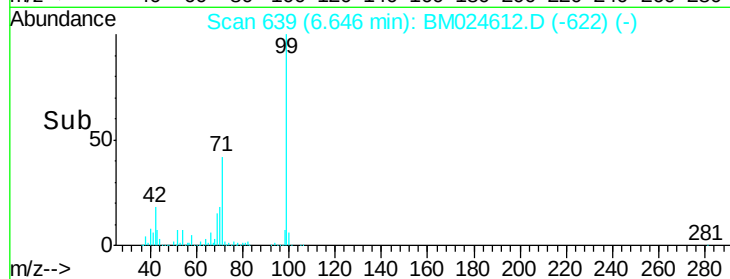
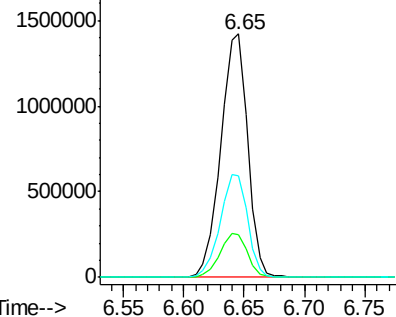
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	41.9	33.0	49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024612.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024612.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024612.D (-622) (-)



#8

2-Chlorophenol

Concen: 7.934 ng

RT: 7.02 min Scan# 702

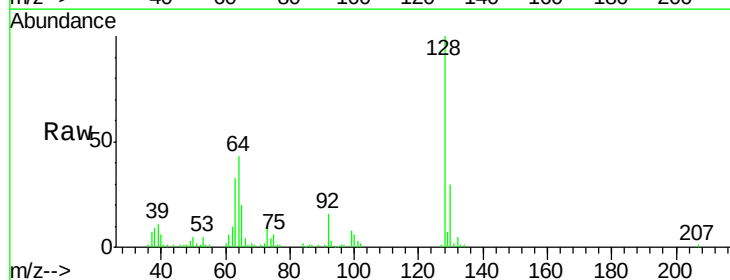
Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion: 128 Resp: 114365

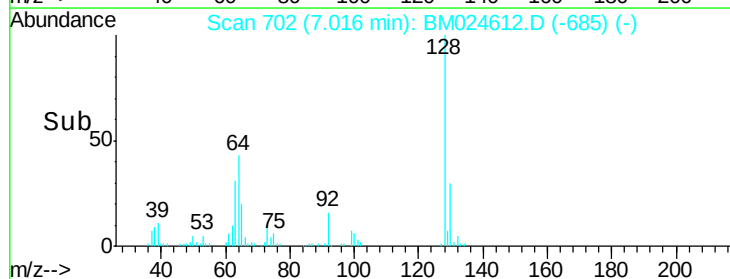
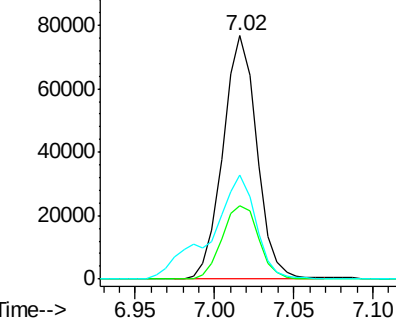
Ion	Ratio	Lower	Upper
128	100		
130	30.0	12.5	52.5
64	43.0	26.1	66.1

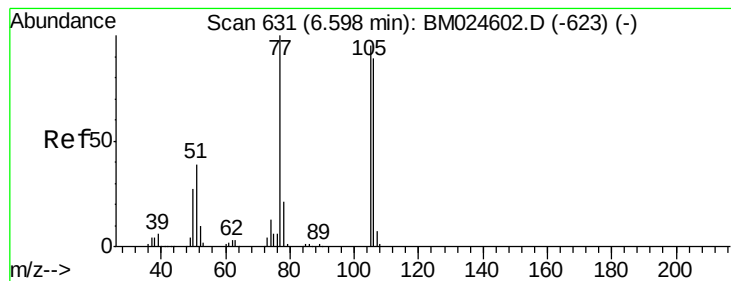


Abundance Ion 128.00 (127.70 to 128.70): BM024612.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024612.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024612.D (-685) (-)





#9

Benzaldehyde

Concen: 7.154 ng

RT: 6.60 min Scan# 631

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampled :

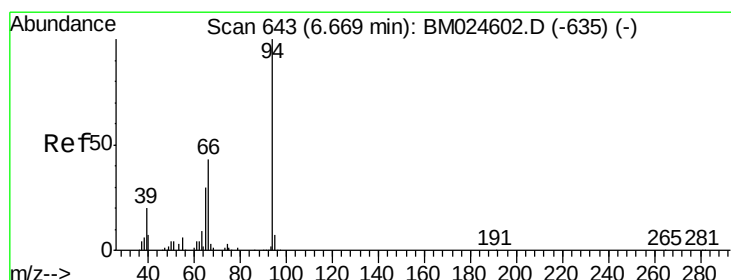
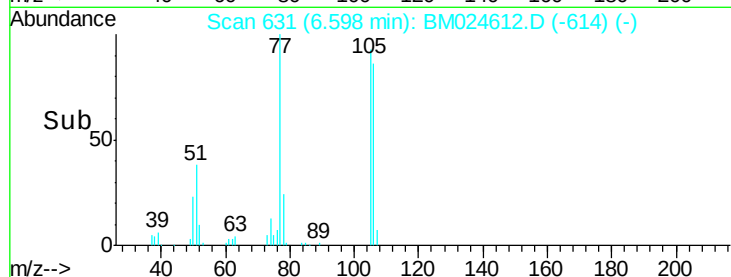
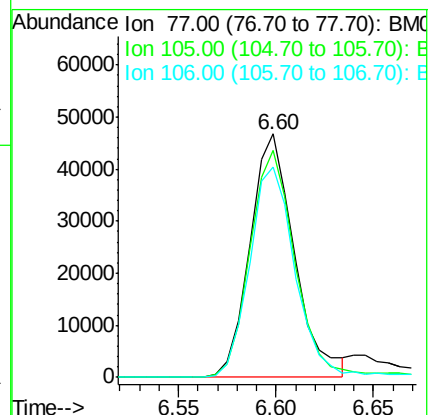
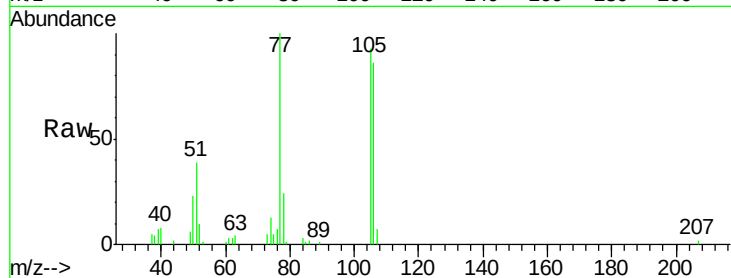
Tot Ion: 77 Resp: 73728

Ion Ratio Lower Upper

77 100

105 93.0 75.2 115.2

106 86.4 68.6 108.6



#10

Phenol

Concen: 7.831 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

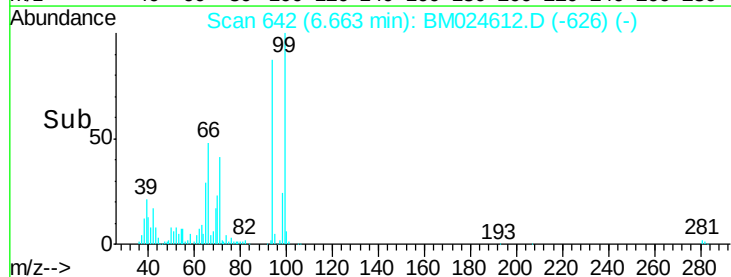
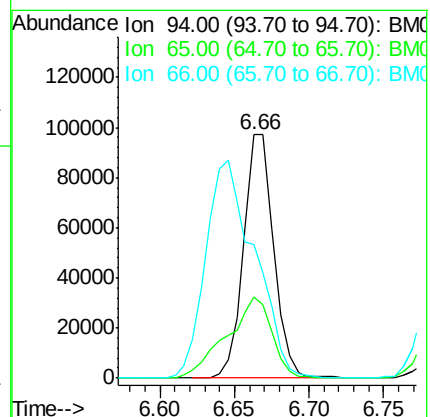
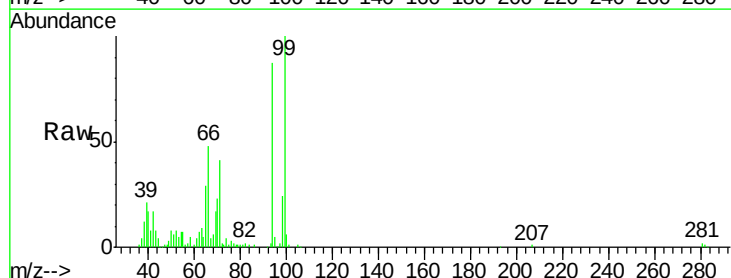
Tgt Ion: 94 Resp: 136151

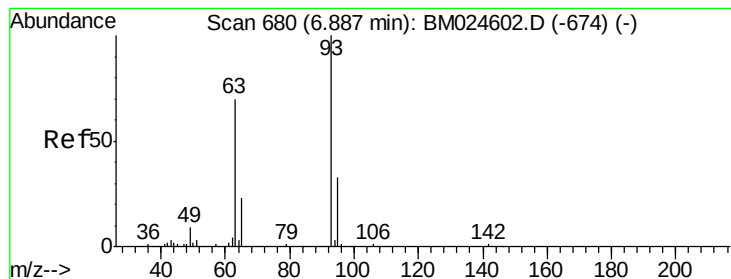
Ion Ratio Lower Upper

94 100

65 33.3 10.3 50.3

66 54.9 24.8 64.8





#11

bis(2-Chloroethyl)ether

Concen: 7.989 ng

RT: 6.89 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

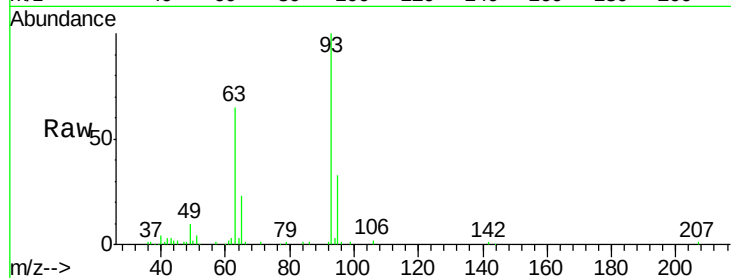
Tot Ion: 93 Resp: 111202

Ion Ratio Lower Upper

93 100

63 65.3 49.6 89.6

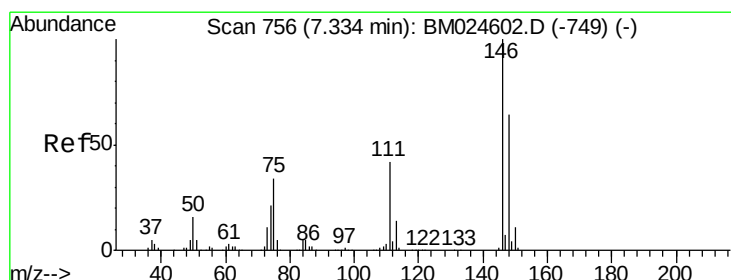
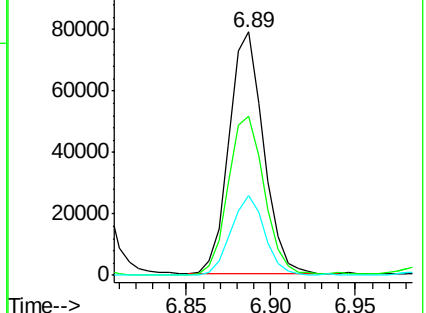
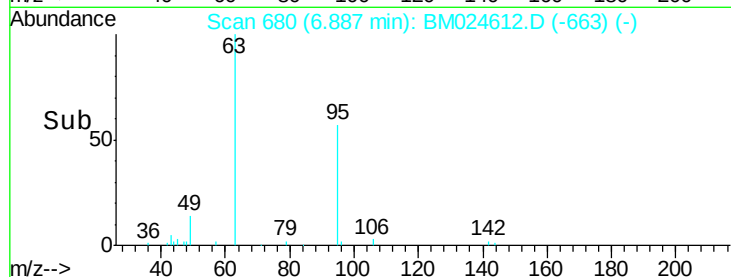
95 32.7 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BM024612.D (-663) (-)

Ion 63.00 (62.70 to 63.70): BM024612.D (-663) (-)

Ion 95.00 (94.70 to 95.70): BM024612.D (-663) (-)



#12

1,3-Dichlorobenzene

Concen: 8.370 ng

RT: 7.33 min Scan# 756

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

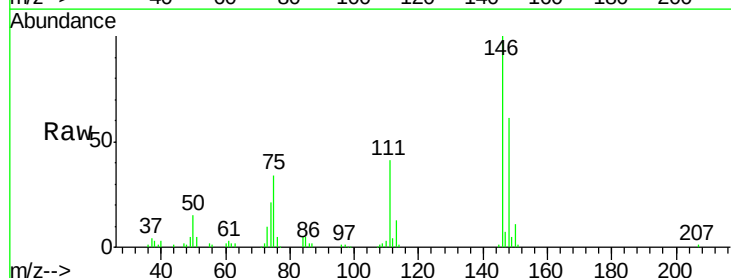
Tgt Ion: 146 Resp: 148222

Ion Ratio Lower Upper

146 100

148 61.2 51.0 76.6

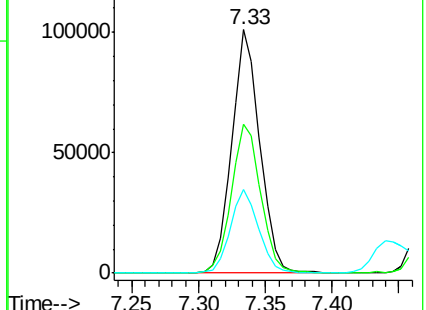
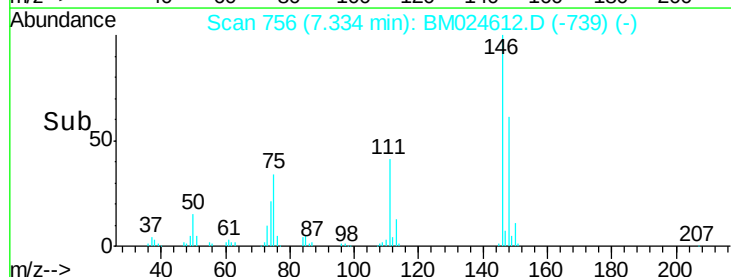
75 34.4 27.0 40.4

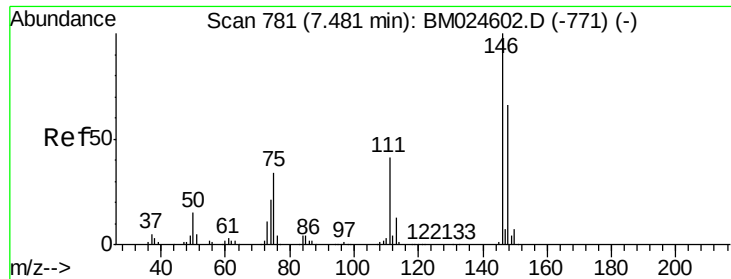


Abundance Ion 146.00 (145.70 to 146.70): BM024612.D (-739) (-)

Ion 148.00 (147.70 to 148.70): BM024612.D (-739) (-)

Ion 75.00 (74.70 to 75.70): BM024612.D (-739) (-)

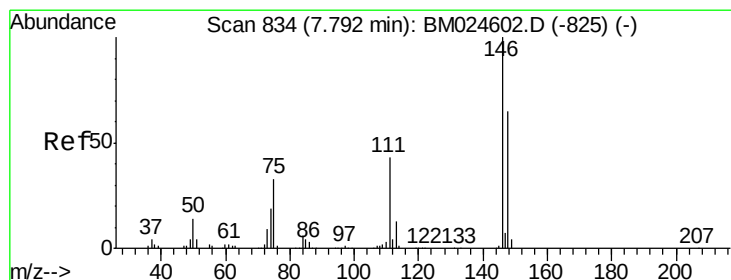
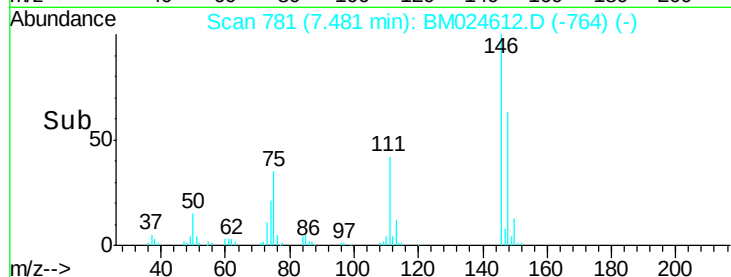
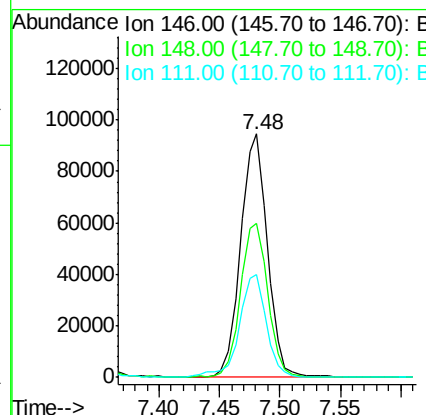
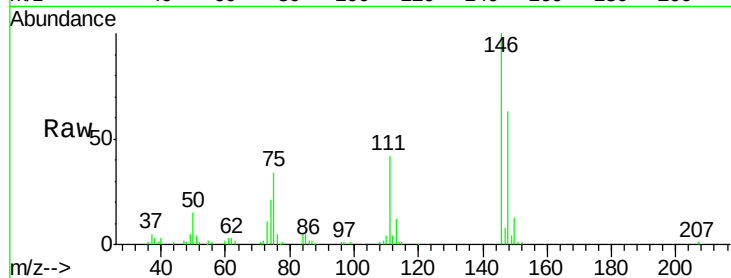




#13
 1,4-Dichlorobenzene
 Concen: 8.152 ng
 RT: 7.48 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

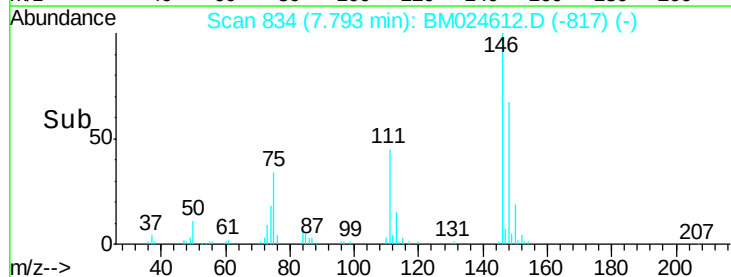
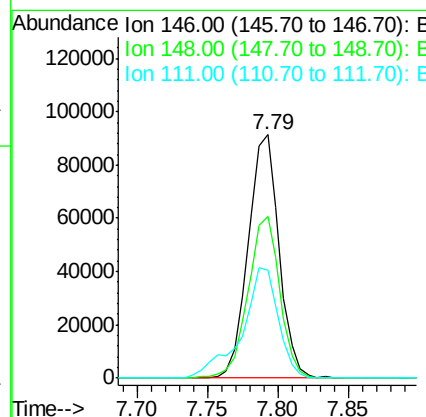
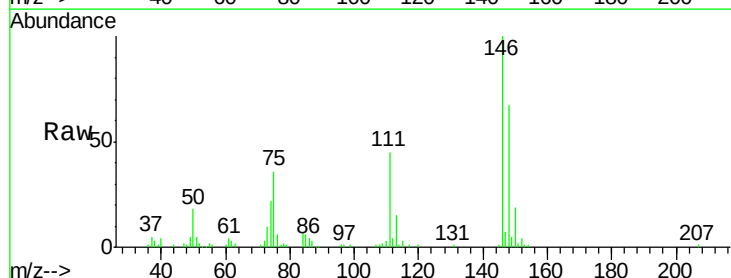
Instrument :
 BNA_M
 ClientSampleId :

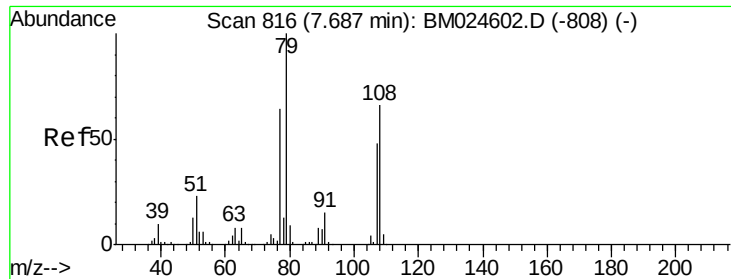
Tot Ion:146 Resp: 146453
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.5 78.7
 111 42.1 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 8.075 ng
 RT: 7.79 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion:146 Resp: 140031
 Ion Ratio Lower Upper
 146 100
 148 66.6 51.9 77.9
 111 44.5 34.5 51.7

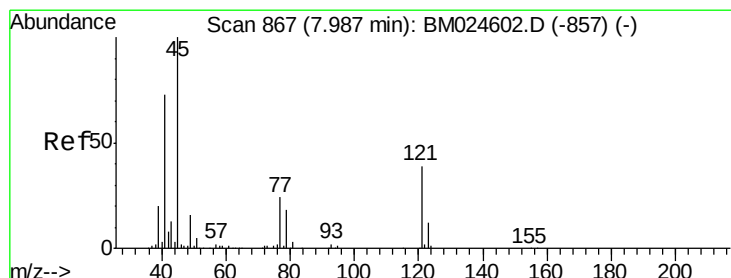
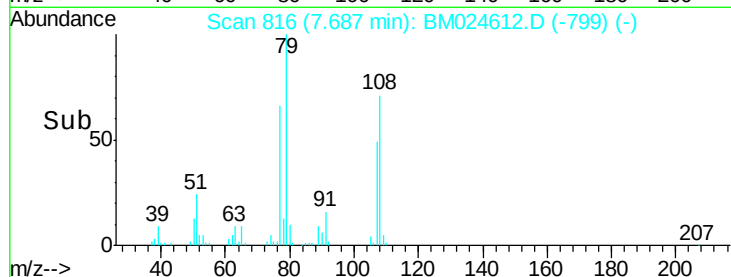
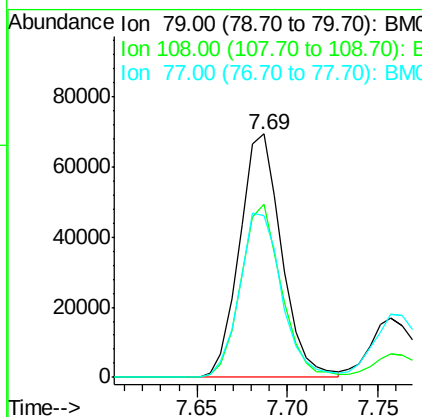
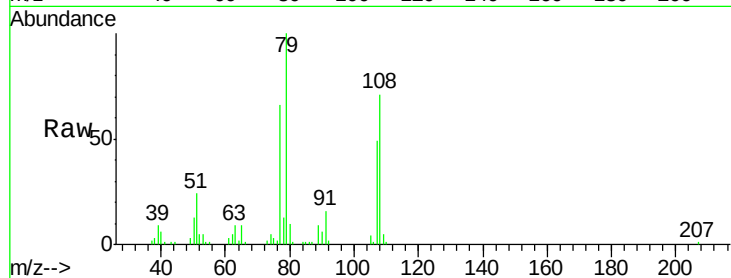




#15
Benzyl Alcohol
Concen: 7.762 ng
RT: 7.69 min Scan# 816
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

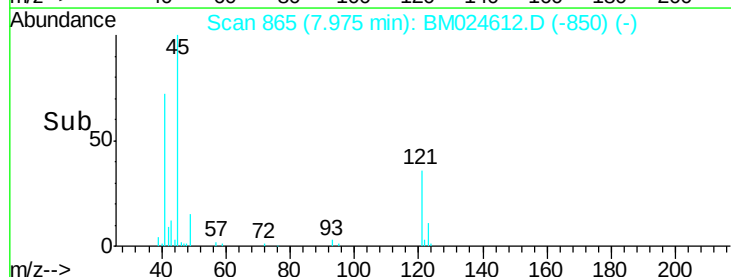
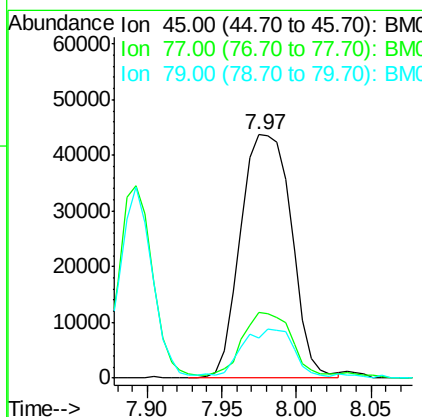
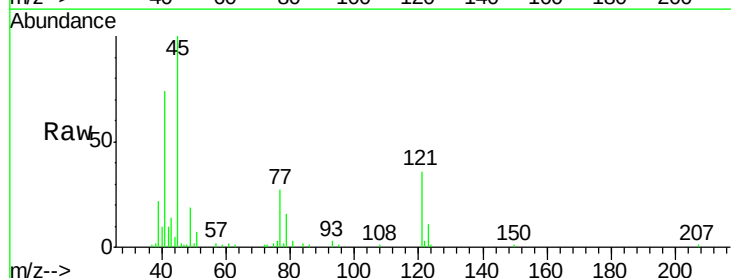
Instrument :
BNA_M
ClientSampleId :

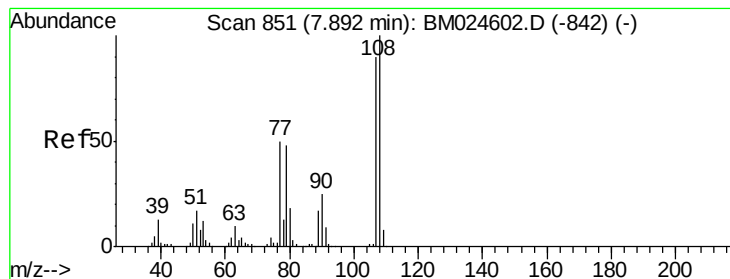
Tot Ion: 79 Resp: 111629
Ion Ratio Lower Upper
79 100
108 71.0 53.0 79.4
77 66.3 50.8 76.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 8.132 ng
RT: 7.97 min Scan# 865
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion: 45 Resp: 103618
Ion Ratio Lower Upper
45 100
77 27.1 5.2 45.2
79 16.4 0.0 39.4





#17

2-Methylphenol

Concen: 7.641 ng

RT: 7.89 min Scan# 851

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 93628

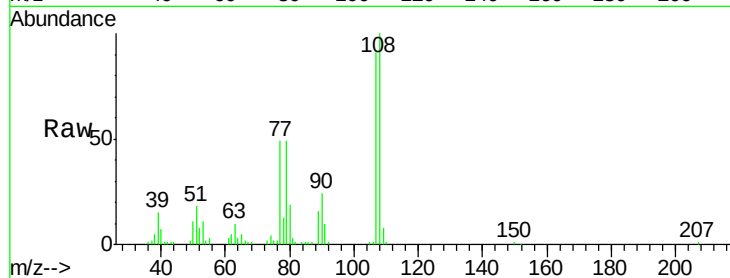
Ion Ratio Lower Upper

107 100

108 110.5 88.9 133.3

77 54.0 44.5 66.7

79 53.7 42.9 64.3



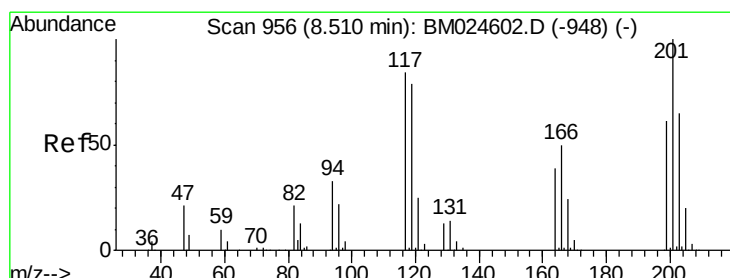
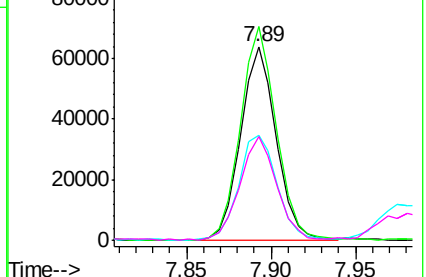
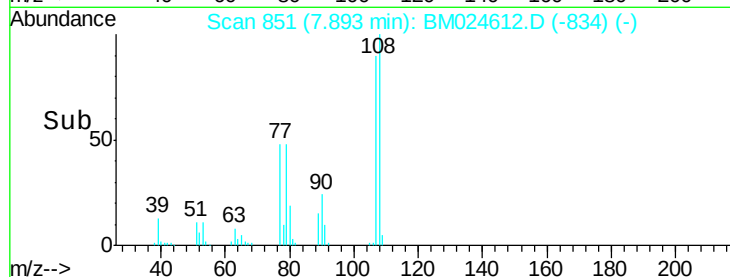
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM

Time-->



#18

Hexachloroethane

Concen: 8.206 ng

RT: 8.50 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

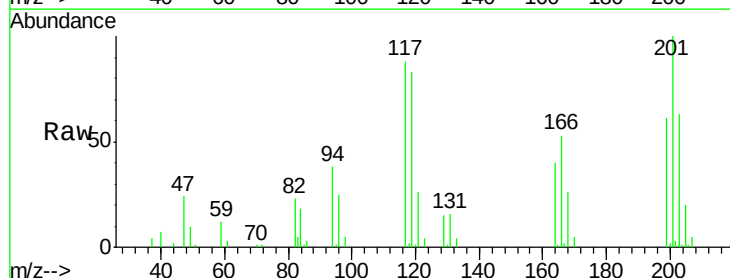
Tgt Ion:117 Resp: 56923

Ion Ratio Lower Upper

117 100

119 95.3 75.4 113.2

201 114.2 95.8 143.6

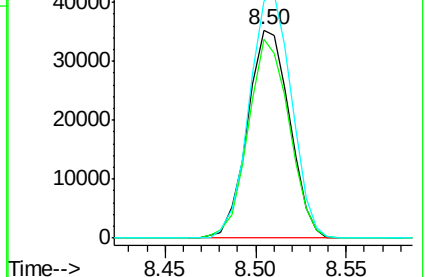
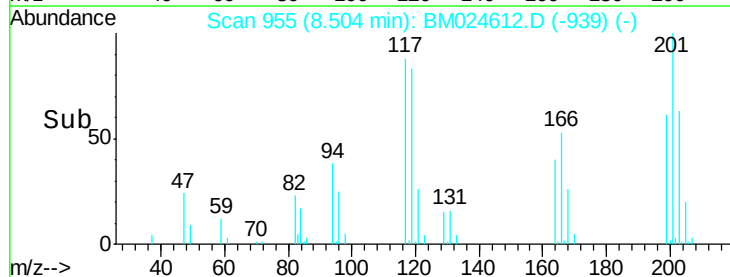


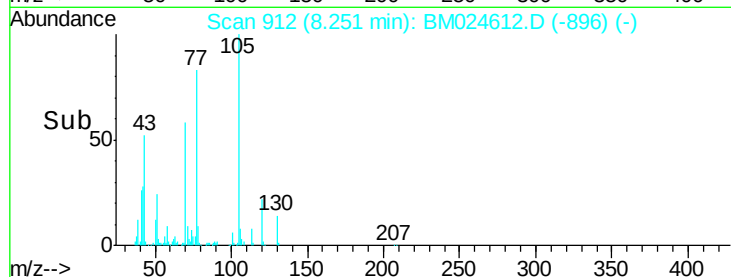
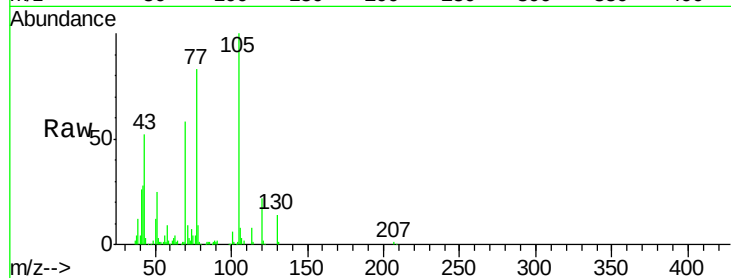
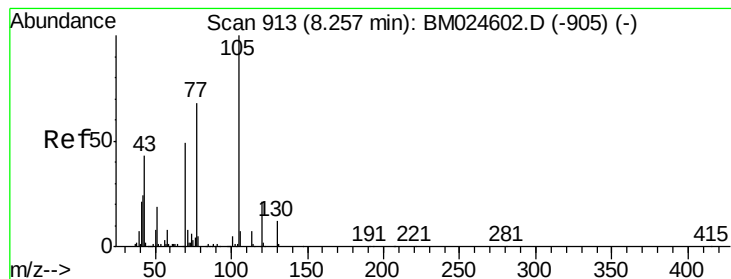
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 7.977 ng

RT: 8.25 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 104462

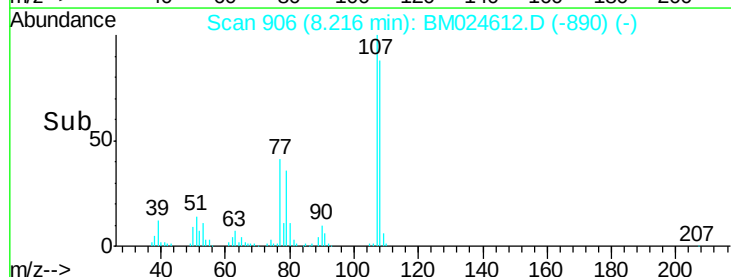
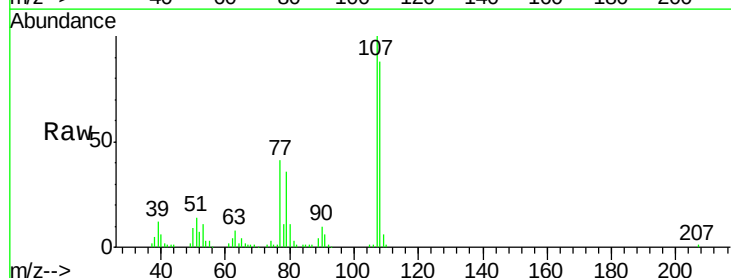
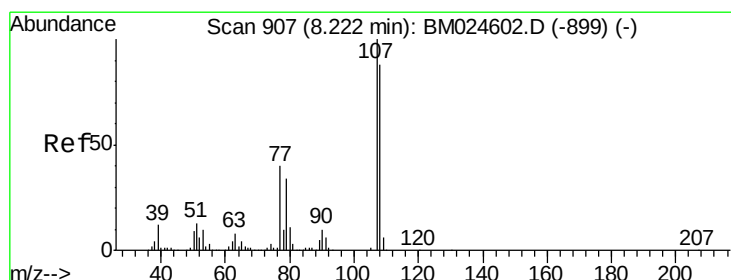
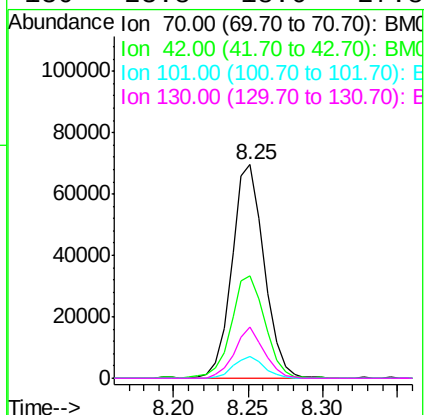
Ion Ratio Lower Upper

70 100

42 47.7 40.0 60.0

101 10.2 8.2 12.2

130 23.8 18.6 27.8



#20

3+4-Methylphenols

Concen: 7.490 ng

RT: 8.22 min Scan# 906

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:107 Resp: 127043

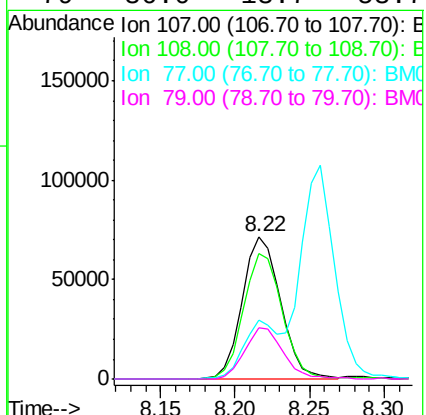
Ion Ratio Lower Upper

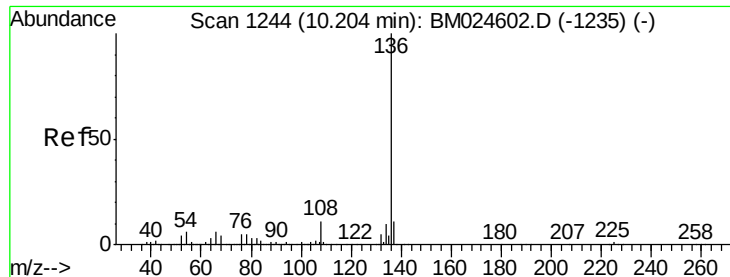
107 100

108 87.7 68.0 108.0

77 41.4 19.9 59.9

79 36.0 13.7 53.7

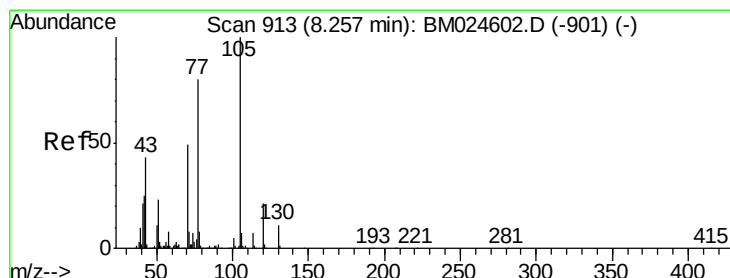
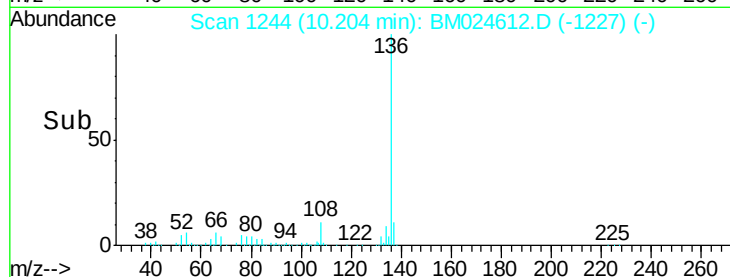
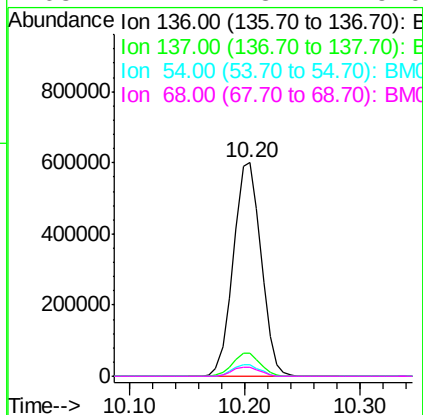
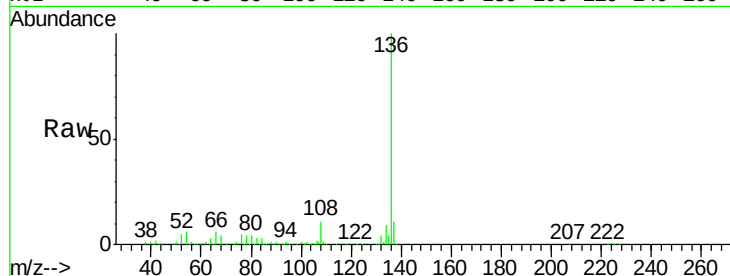




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

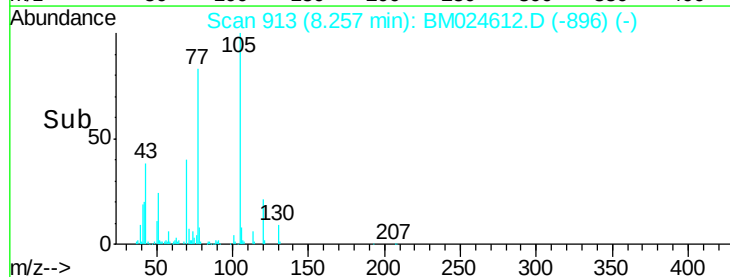
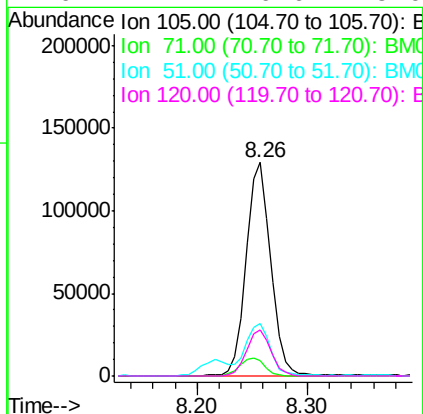
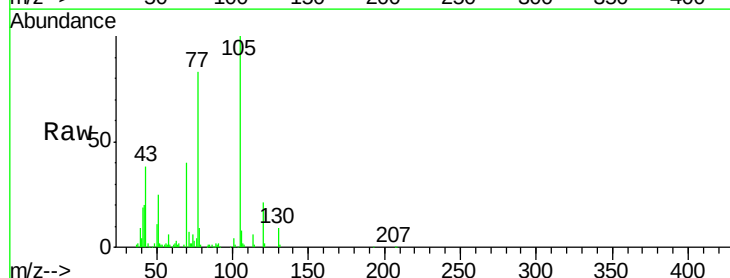
Instrument :
BNA_M
ClientSampleId :

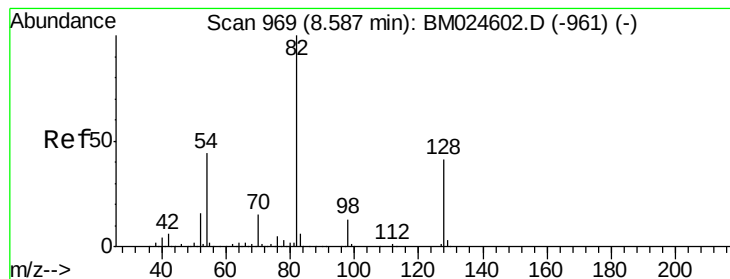
Tot Ion:136	Resp: 1000740
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 5.5	4.5 6.7
68 4.2	3.4 5.0



#22
Acetophenone
Concen: 7.888 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ion:105	Resp:	203545
105	Ratio 100	Lower	Upper
71	7.4	6.7	10.1
51	24.5	18.5	27.7
120	21.4	16.6	25.0





#23

Nitrobenzene-d5

Concen: 74.856 ng

RT: 8.59 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampled :

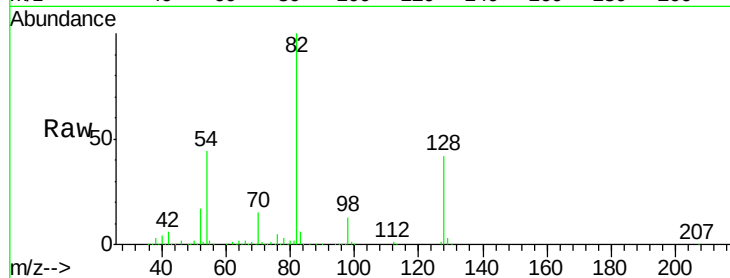
Tot Ion: 82 Resp: 1527518

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.6	48.8
54	43.8	34.8	52.2

82 100

128 41.7 32.6 48.8

54 43.8 34.8 52.2

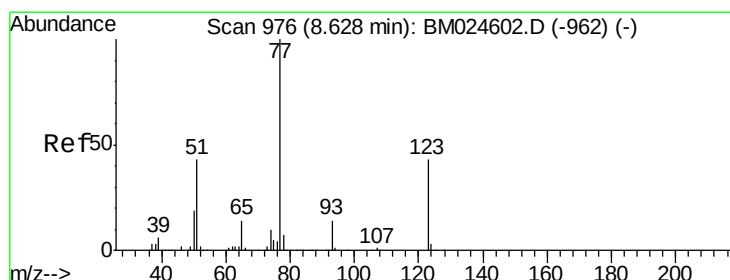
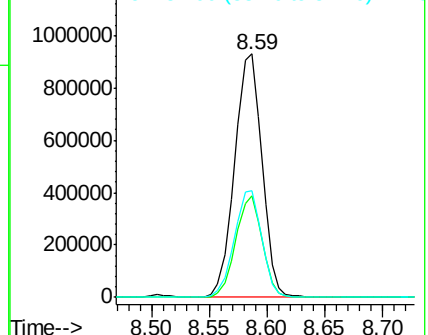
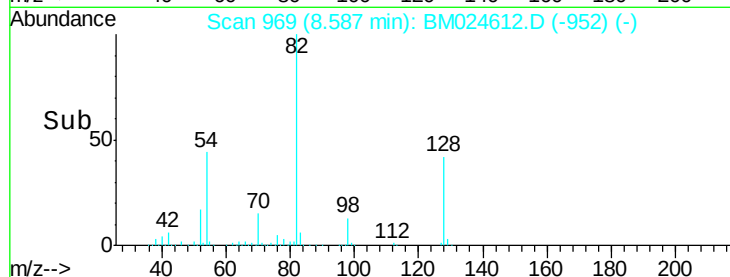


Abundance

Ion 82.00 (81.70 to 82.70): BM024612.D (-952) (-)

Ion 128.00 (127.70 to 128.70): BM024612.D (-952) (-)

Ion 54.00 (53.70 to 54.70): BM024612.D (-952) (-)



#24

Nitrobenzene

Concen: 8.275 ng

RT: 8.62 min Scan# 975

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

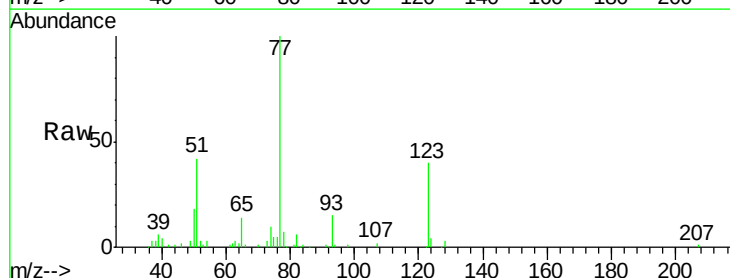
Tgt Ion: 77 Resp: 161822

Ion	Ratio	Lower	Upper
77	100		
123	40.3	34.6	52.0
65	14.1	11.0	16.4

77 100

123 40.3 34.6 52.0

65 14.1 11.0 16.4

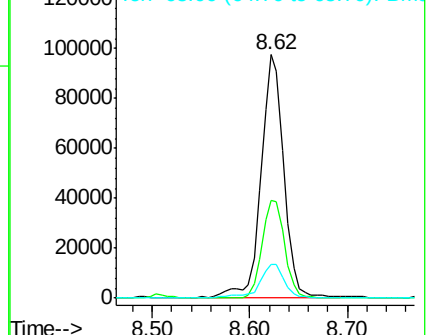
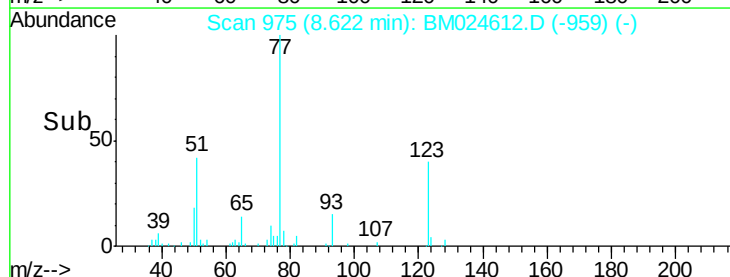


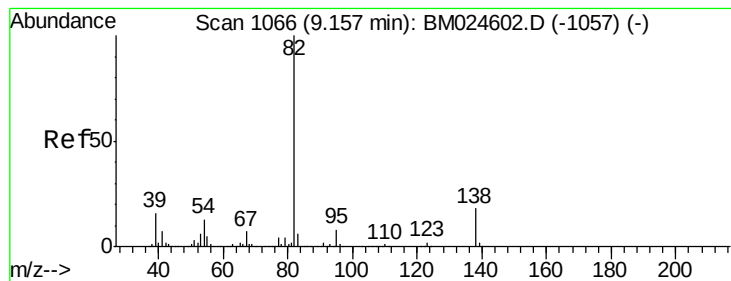
Abundance

Ion 77.00 (76.70 to 77.70): BM024612.D (-959) (-)

Ion 123.00 (122.70 to 123.70): BM024612.D (-959) (-)

Ion 65.00 (64.70 to 65.70): BM024612.D (-959) (-)





#25

Isophorone

Concen: 7.767 ng

RT: 9.15 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

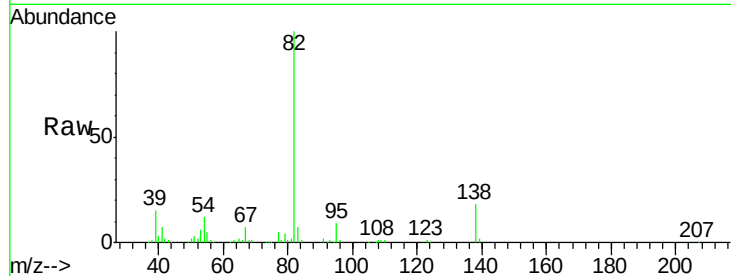
Tot Ion: 82 Resp: 269299

Ion Ratio Lower Upper

82 100

95 8.9 6.7 10.1

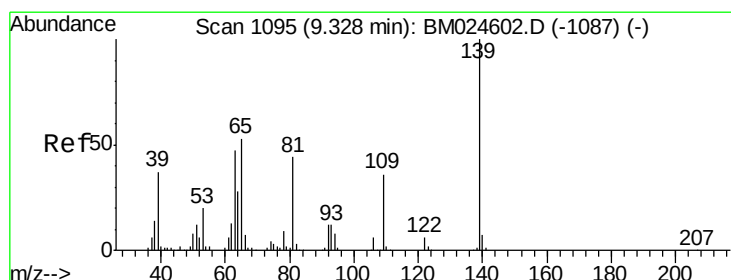
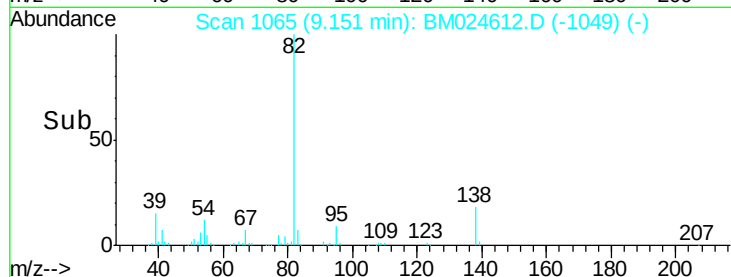
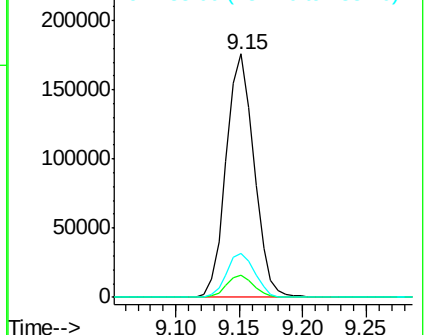
138 18.3 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024612.D (-1057) (-)

Ion 95.00 (94.70 to 95.70): BM024612.D (-1057) (-)

Ion 138.00 (137.70 to 138.70): BM024612.D (-1057) (-)



#26

2-Nitrophenol

Concen: 7.081 ng

RT: 9.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

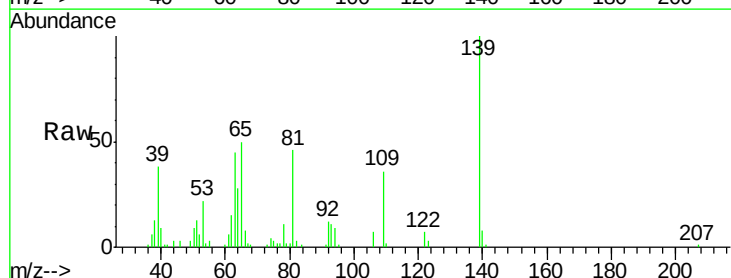
Tgt Ion: 139 Resp: 64113

Ion Ratio Lower Upper

139 100

109 35.9 28.8 43.2

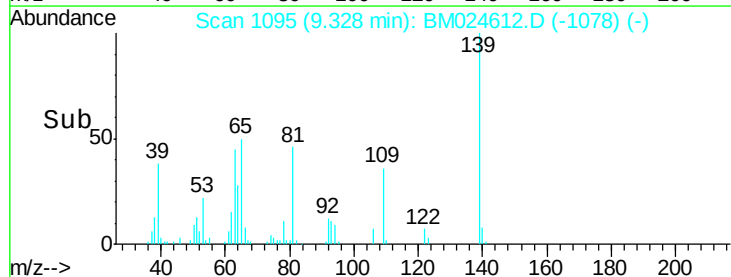
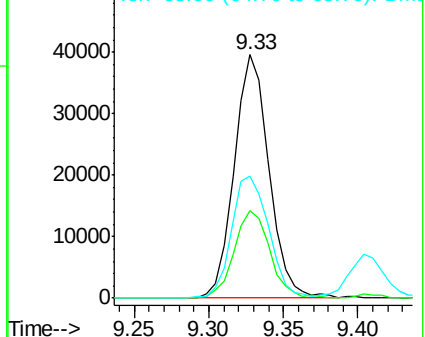
65 50.0 42.6 63.8

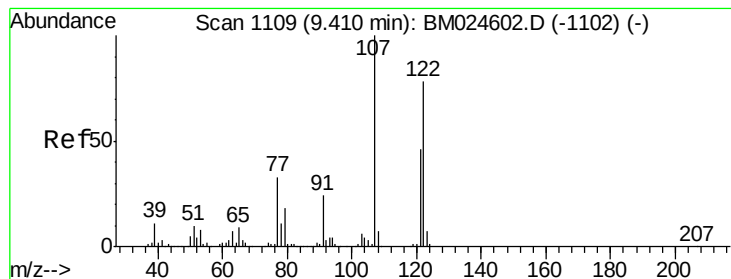


Abundance Ion 139.00 (138.70 to 139.70): BM024612.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM024612.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM024612.D (-1087) (-)





#27

2,4-Dimethylphenol

Concen: 7.621 ng

RT: 9.40 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampled :

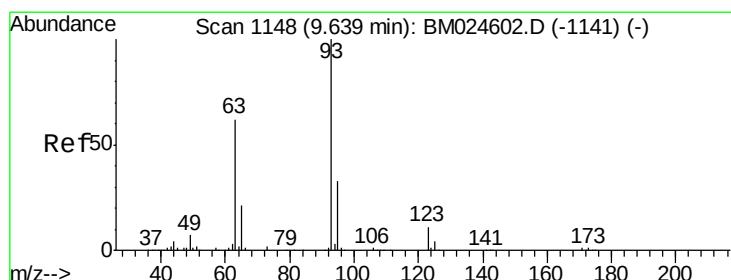
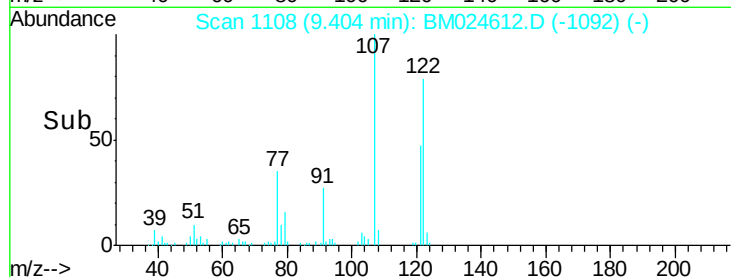
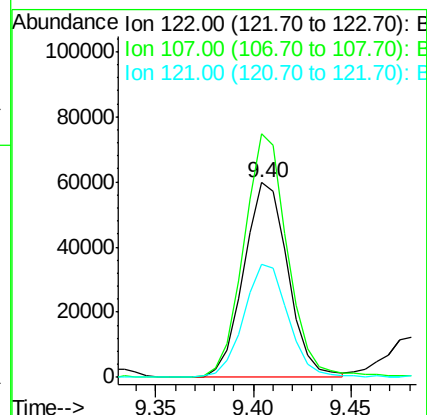
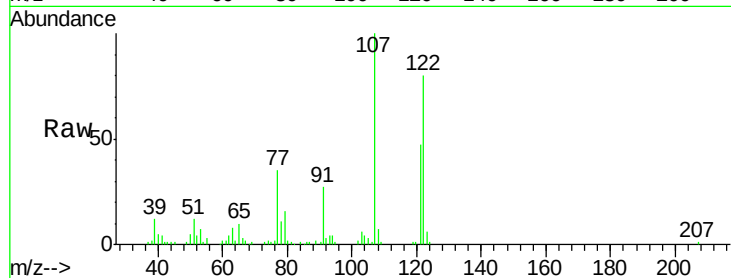
Tot Ion:122 Resp: 93770

Ion Ratio Lower Upper

122 100

107 125.1 102.5 153.7

121 58.4 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 7.878 ng

RT: 9.64 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

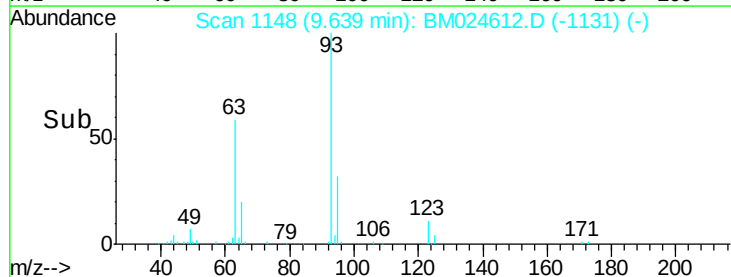
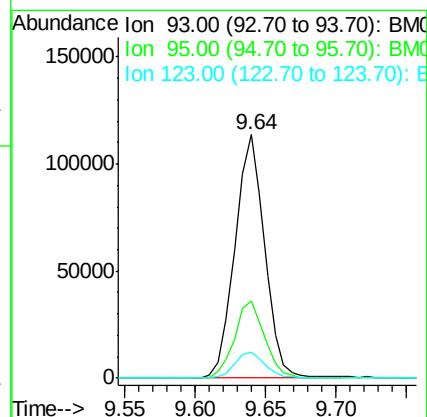
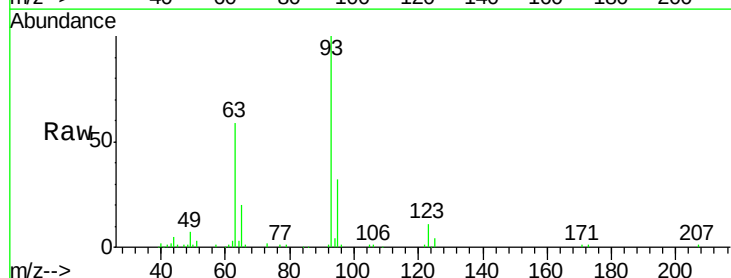
Tgt Ion: 93 Resp: 166873

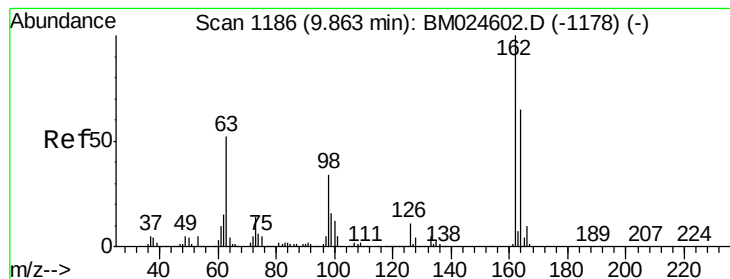
Ion Ratio Lower Upper

93 100

95 31.9 26.1 39.1

123 10.9 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 7.319 ng

RT: 9.86 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

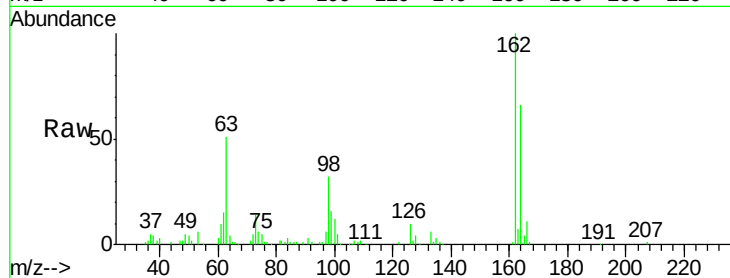
Tot Ion:162 Resp: 121671

Ion Ratio Lower Upper

162 100

164 66.1 44.5 84.5

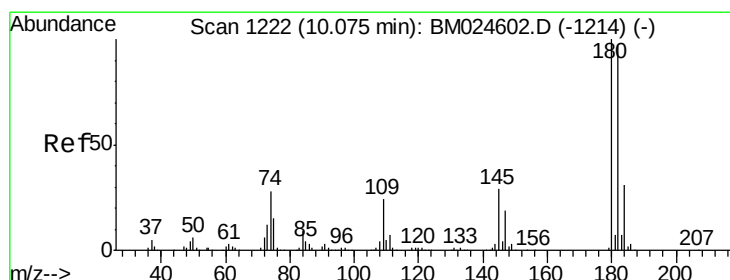
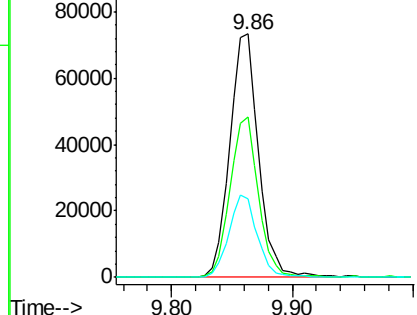
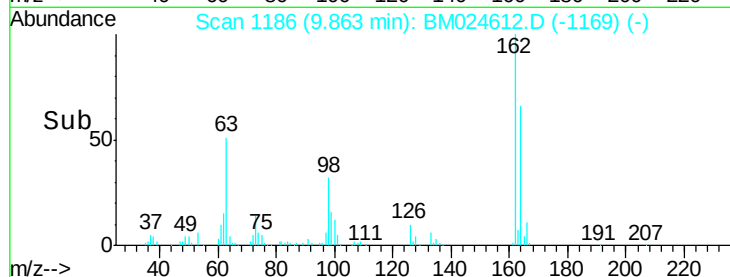
98 32.2 14.2 54.2



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: 7.827 ng

RT: 10.07 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

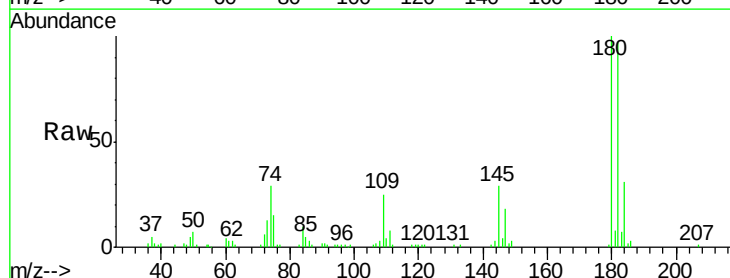
Tgt Ion:180 Resp: 156920

Ion Ratio Lower Upper

180 100

182 96.8 77.8 116.6

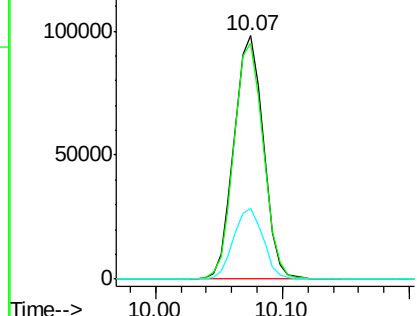
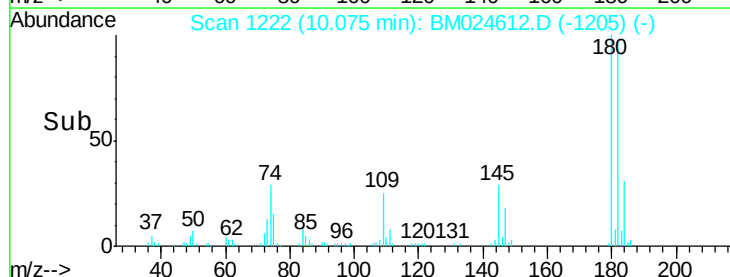
145 29.2 22.9 34.3

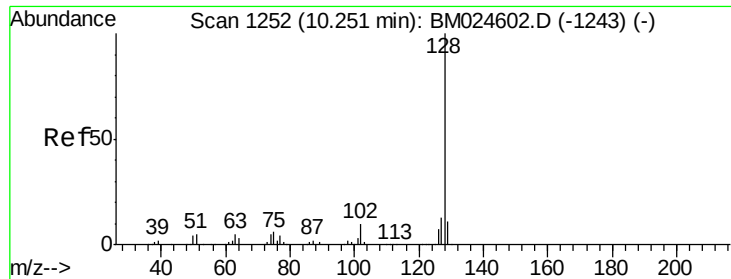


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

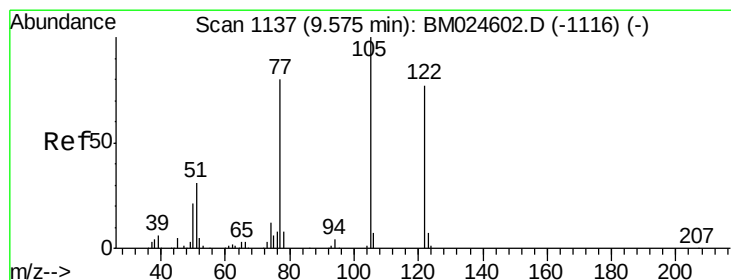
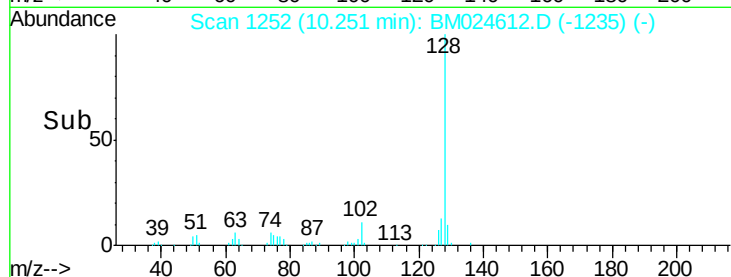
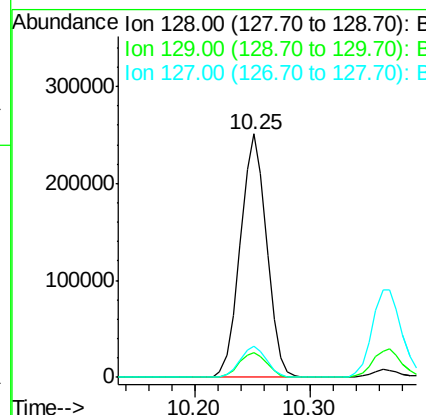
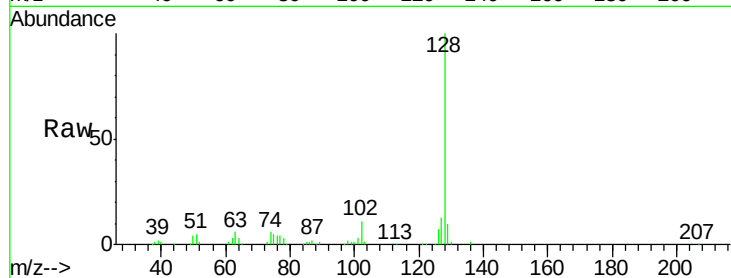




#31
Naphthalene
Concen: 7.856 ng
RT: 10.25 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

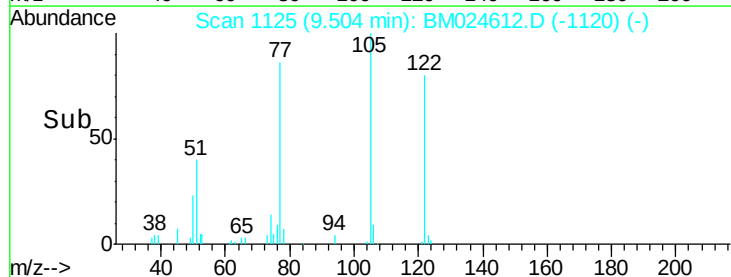
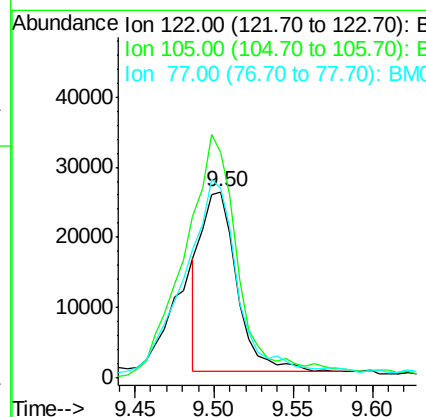
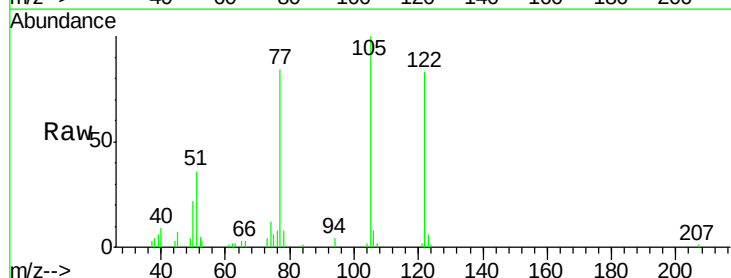
Instrument :
BNA_M
ClientSampleId :

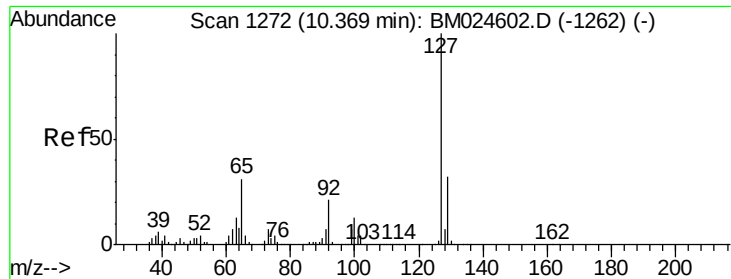
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	12.9	10.6	15.8



#32
Benzoic acid
Concen: 3.524 ng
RT: 9.50 min Scan# 1125
Delta R.T. -0.07 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	107.7	147.7
77	101.8	83.8	123.8

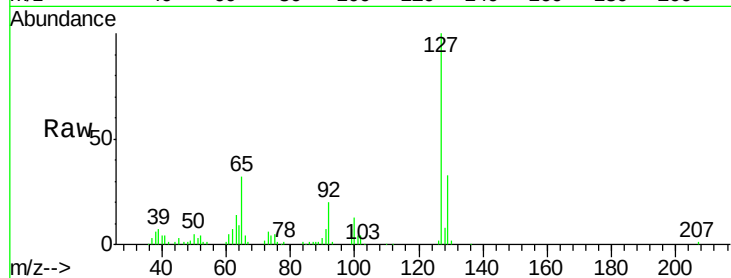




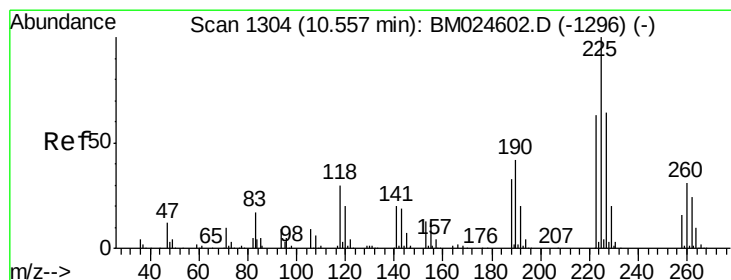
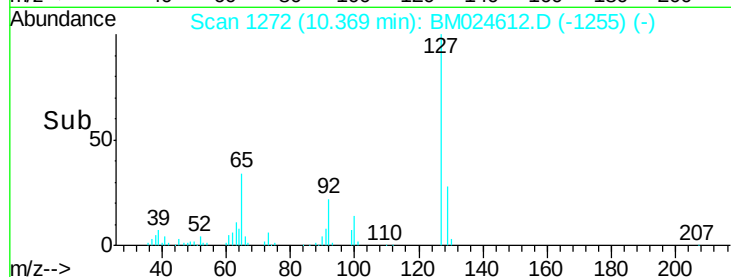
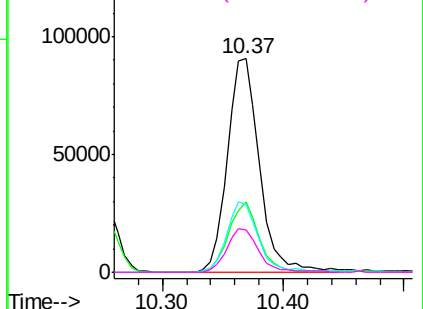
#33
 4-Chloroaniline
 Concen: 7.548 ng
 RT: 10.37 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:	127	Resp:	167231
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	31.5	25.1	37.7
92	20.0	16.6	25.0

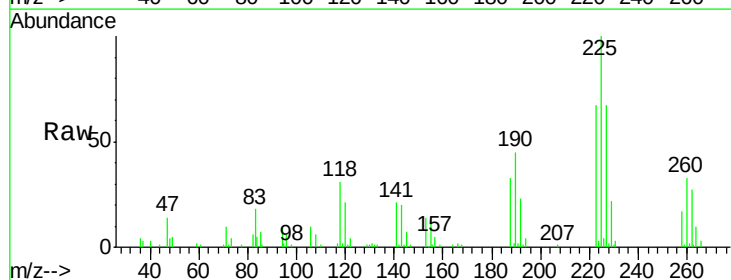


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0

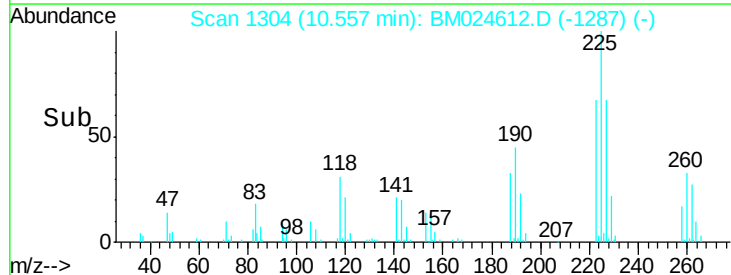
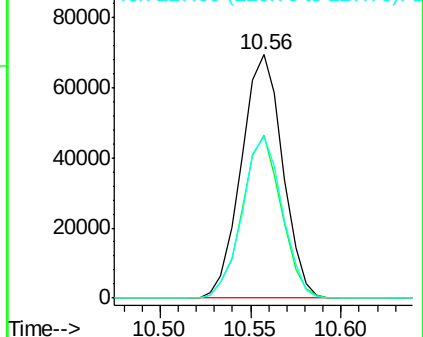


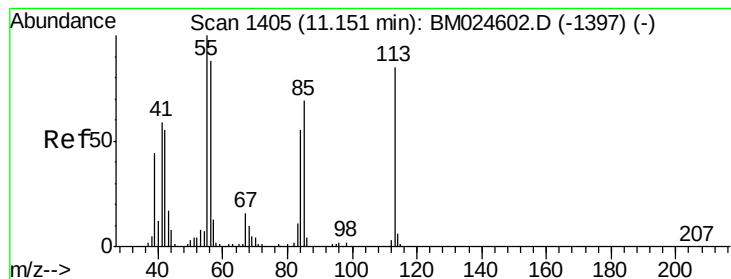
#34
 Hexachlorobutadiene
 Concen: 7.922 ng
 RT: 10.56 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion:	225	Resp:	109794
Ion	Ratio	Lower	Upper
225	100		
223	67.2	50.7	76.1
227	69.0	51.4	77.0



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





#35

Caprolactam

Concen: 6.736 ng

RT: 11.12 min Scan# 1400

Delta R.T. -0.03 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

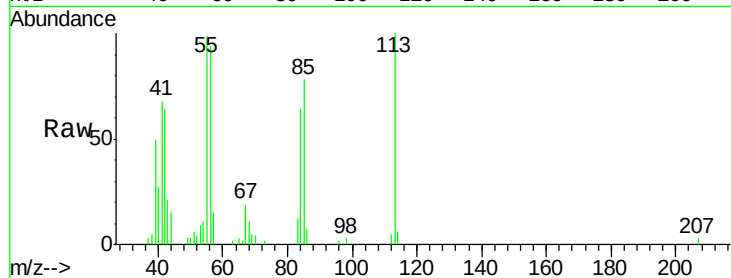
Tot Ion:113 Resp: 35928

Ion Ratio Lower Upper

113 100

55 99.2 97.5 137.5

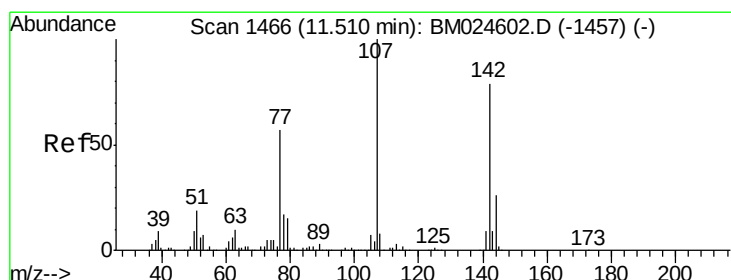
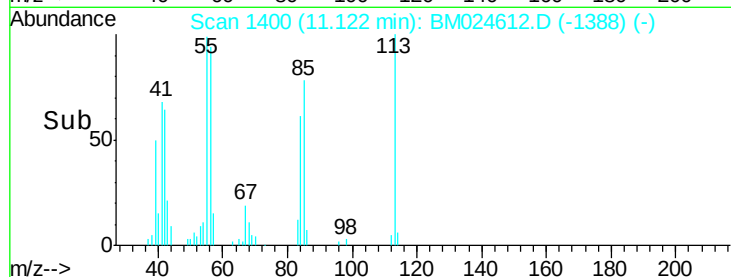
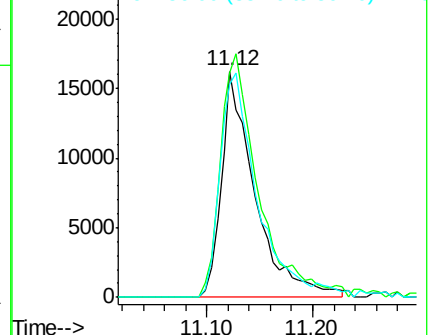
56 94.4 83.4 123.4



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: 7.354 ng

RT: 11.50 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

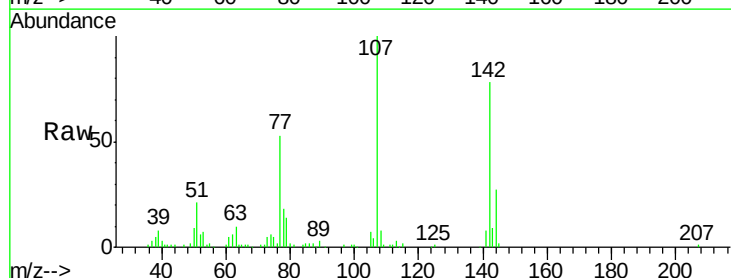
Tgt Ion:107 Resp: 129995

Ion Ratio Lower Upper

107 100

144 27.4 20.5 30.7

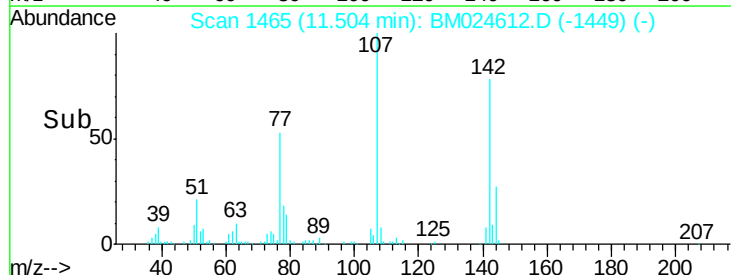
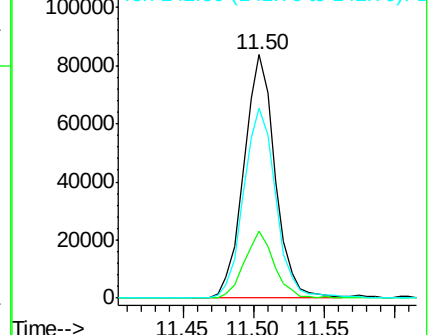
142 78.0 62.8 94.2

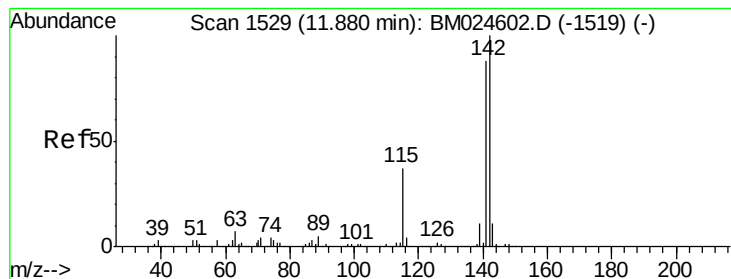


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 7.746 ng

RT: 11.87 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

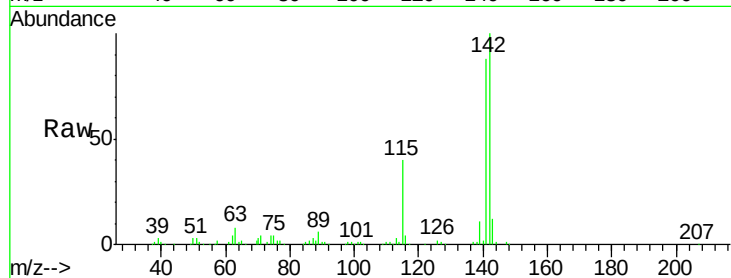
Tot Ion:142 Resp: 302159

Ion Ratio Lower Upper

142 100

141 87.6 70.2 105.2

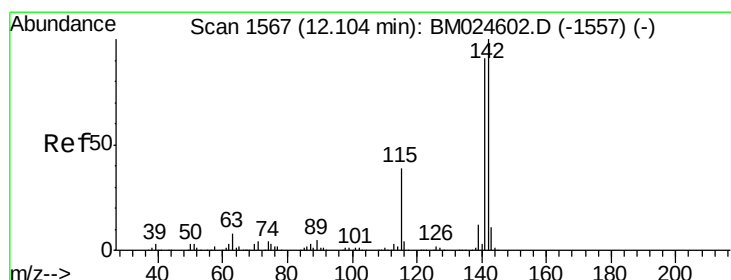
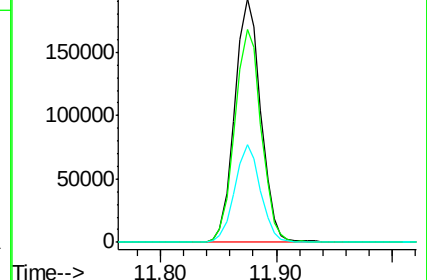
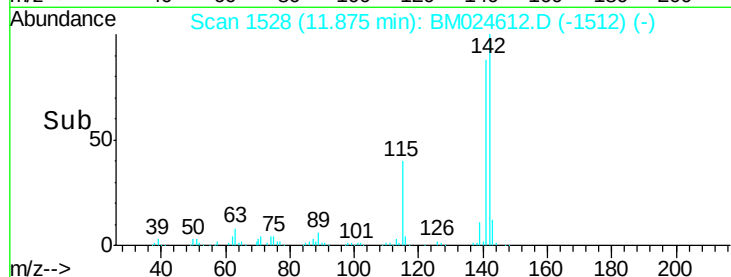
115 39.9 29.7 44.5



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: 7.809 ng

RT: 12.10 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

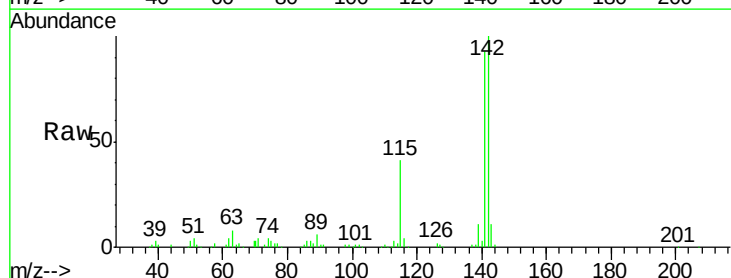
Tgt Ion:142 Resp: 289751

Ion Ratio Lower Upper

142 100

141 92.7 72.8 109.2

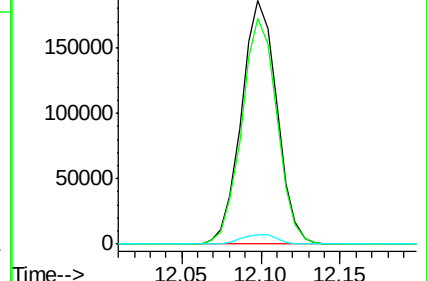
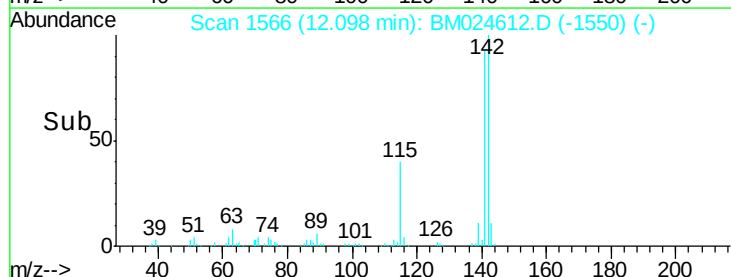
116 4.0 3.2 4.8

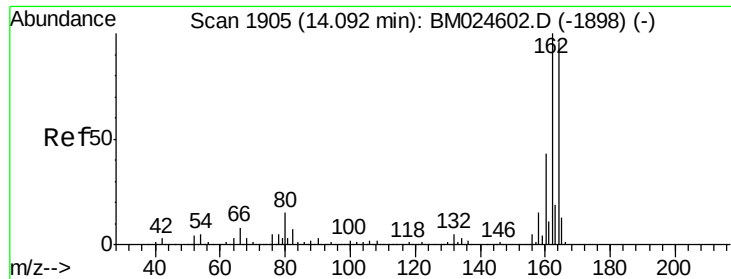


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

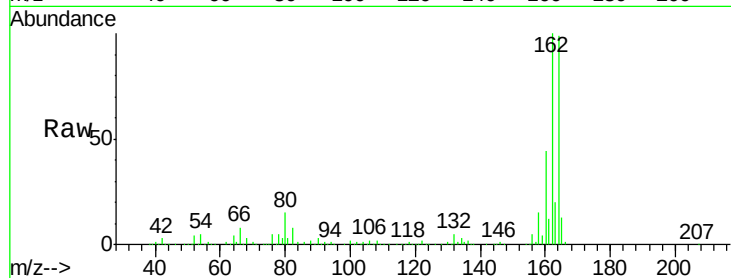
Tot Ion:164 Resp: 711149

Ion Ratio Lower Upper

164 100

162 100.5 82.9 124.3

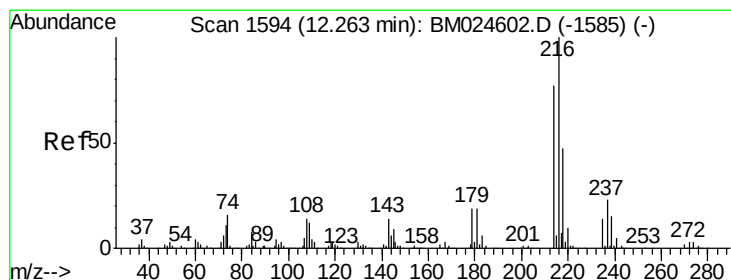
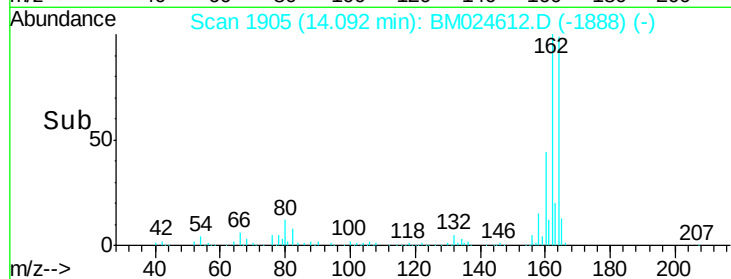
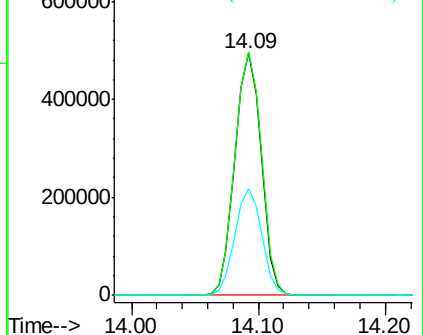
160 44.0 35.5 53.3



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: 7.898 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:216 Resp: 200453

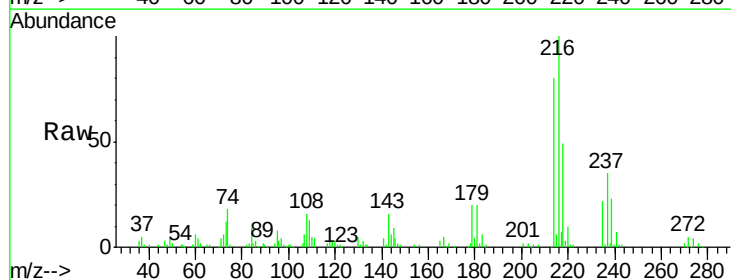
Ion Ratio Lower Upper

216 100

214 78.2 62.3 93.5

179 19.9 16.1 24.1

108 16.4 13.0 19.6

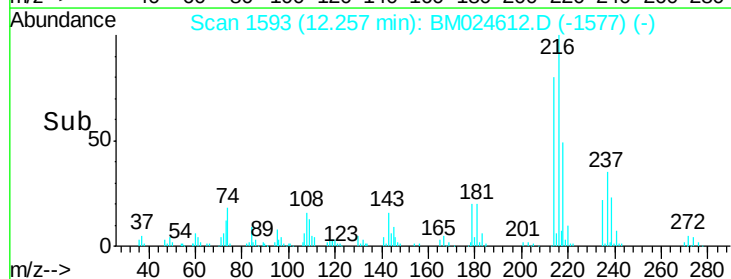
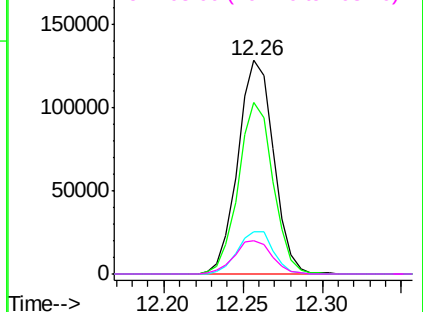


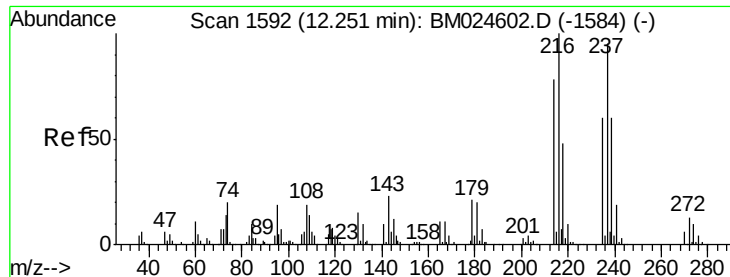
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.396 ng

RT: 12.25 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampled :

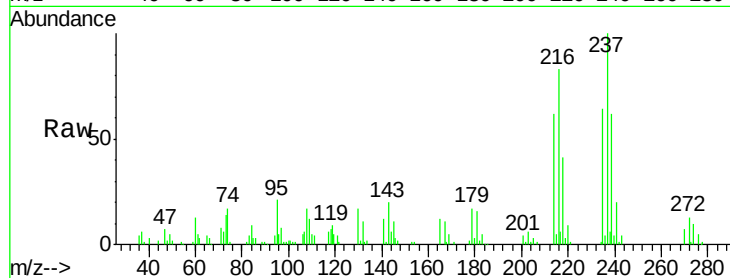
Tot Ion:237 Resp: 105219

Ion Ratio Lower Upper

237 100

235 63.6 43.3 83.3

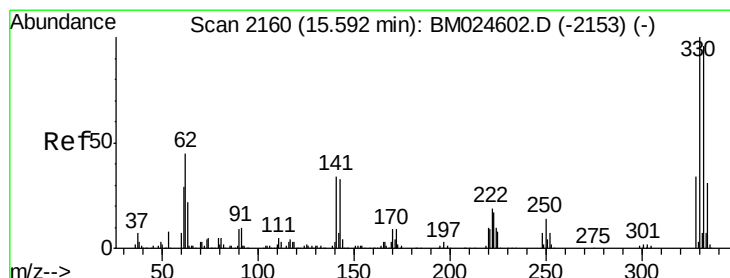
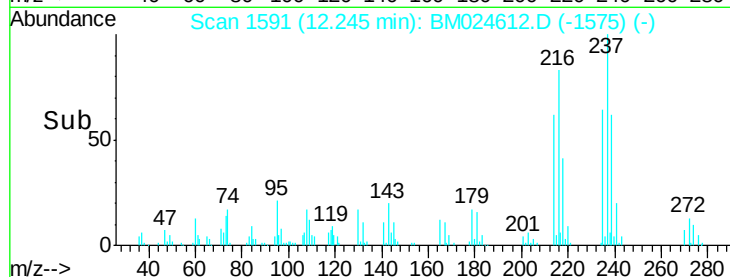
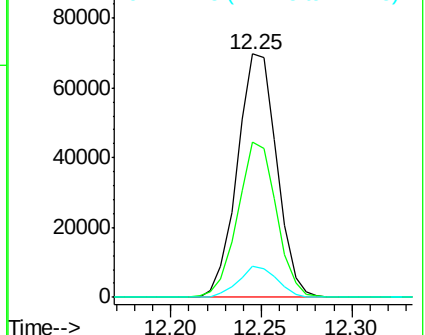
272 12.7 0.0 33.4



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: 132.373 ng

RT: 15.59 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

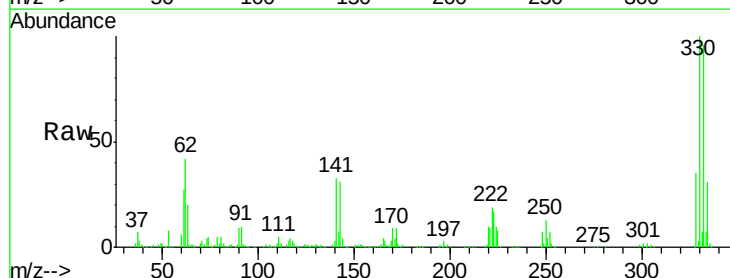
Tgt Ion:330 Resp: 1531281

Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

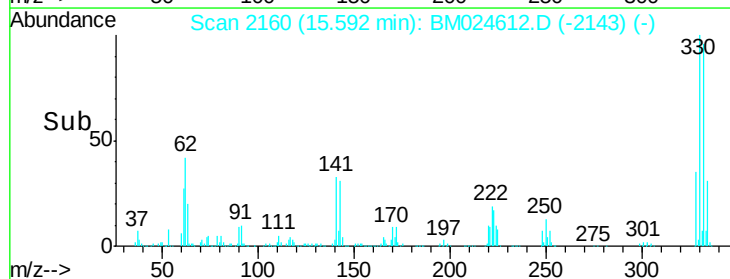
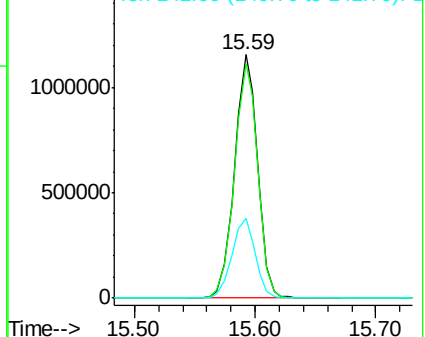
141 33.2 26.9 40.3

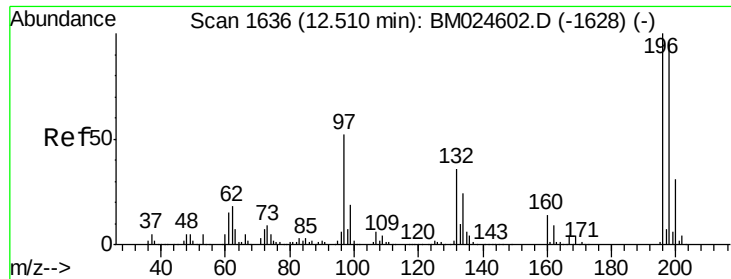


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

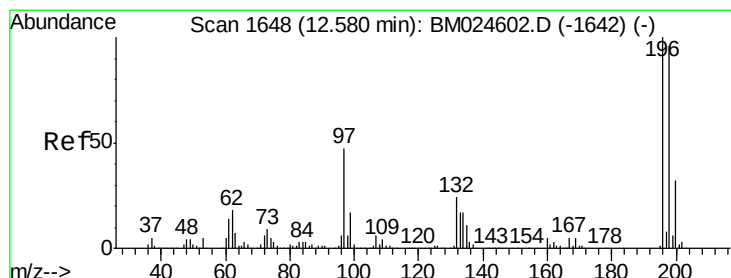
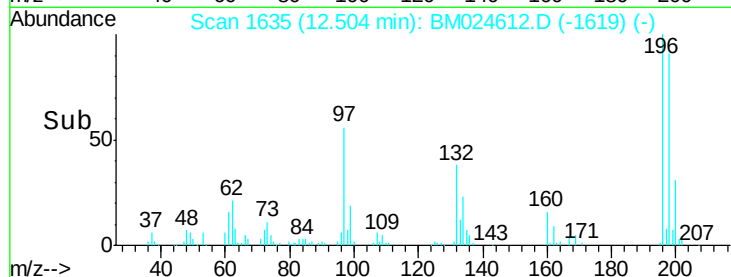
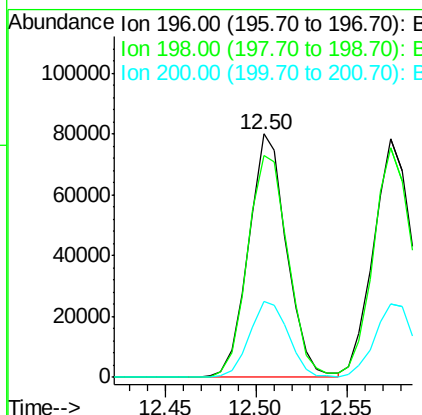
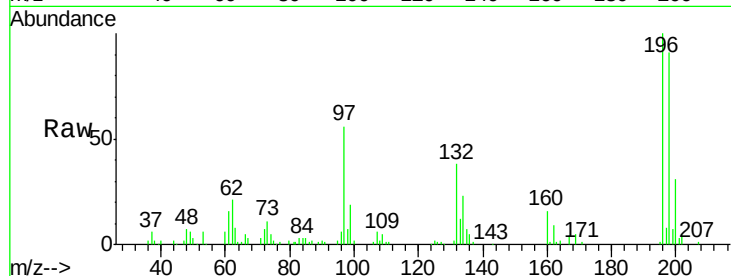




#43
 2,4,6-Trichlorophenol
 Concen: 7.213 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

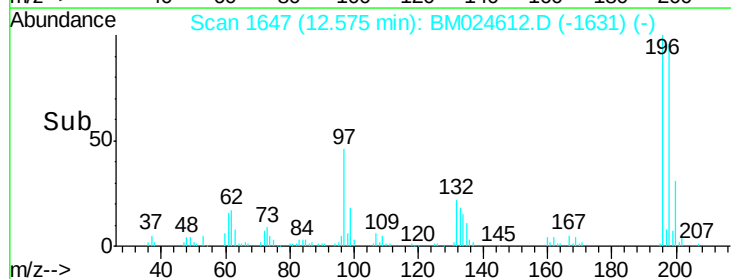
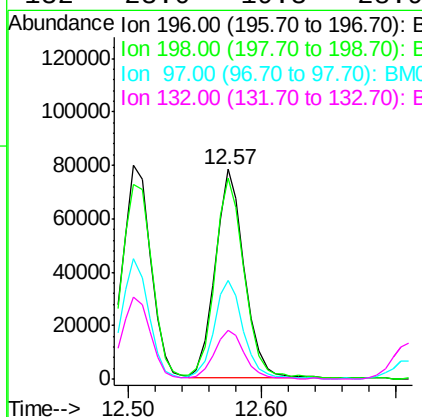
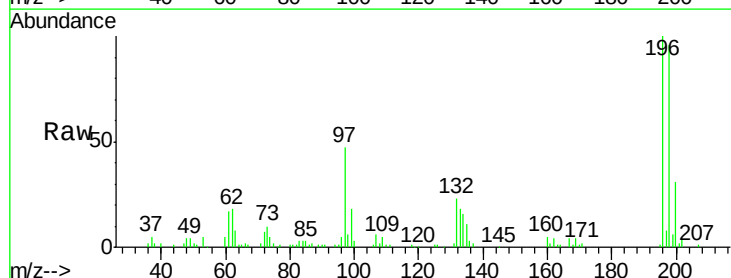
Instrument :
 BNA_M
 ClientSampleId :

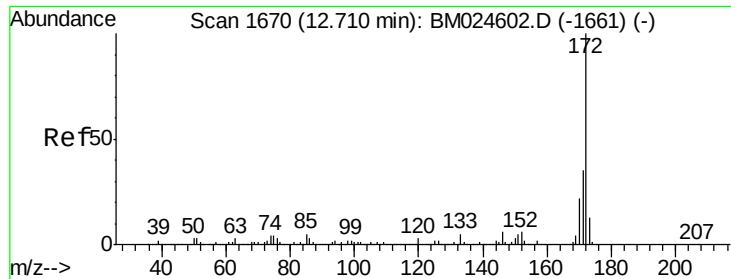
Tot Ion:196 Resp: 116500
 Ion Ratio Lower Upper
 196 100
 198 91.3 76.5 114.7
 200 30.9 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 7.296 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion:196 Resp: 120349
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.2 115.8
 97 47.1 37.4 56.0
 132 23.0 19.3 28.9



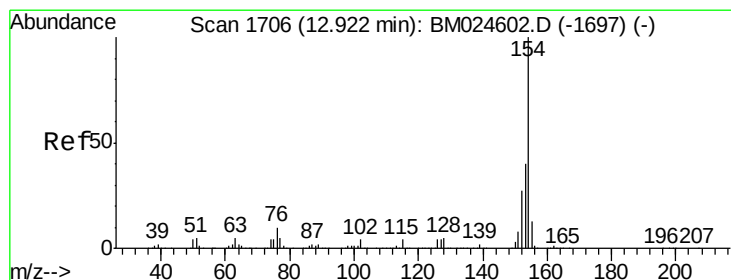
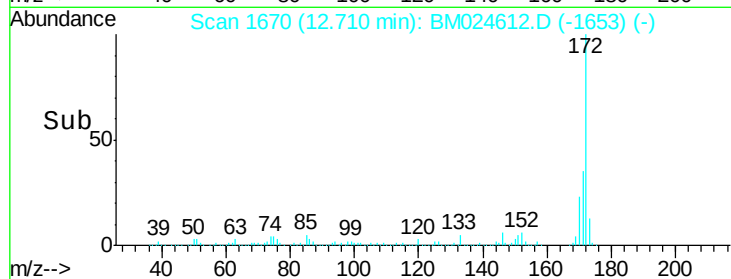
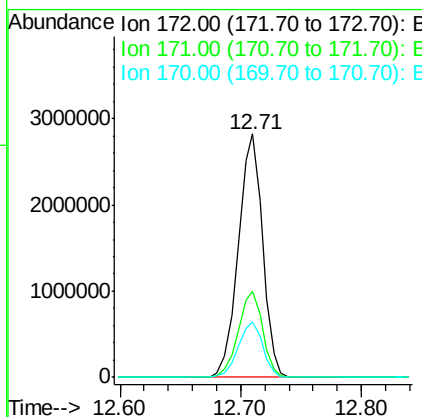
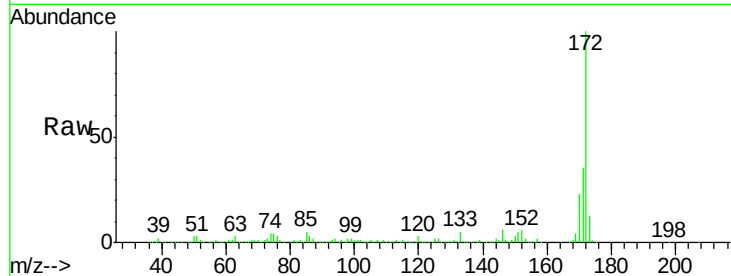


#45
 2-Fluorobiphenyl
 Concen: 75.800 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 3965055

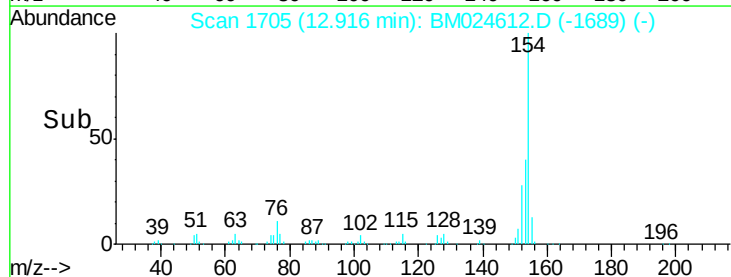
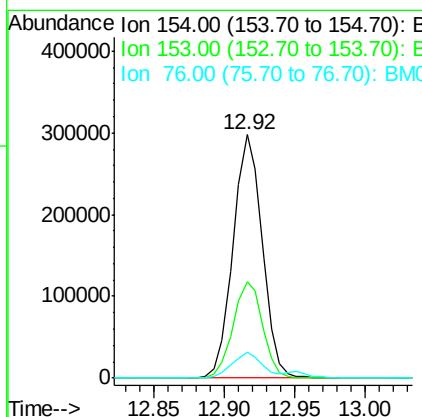
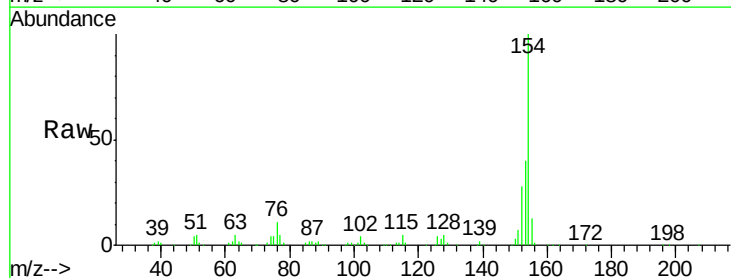
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.8	17.9	26.9

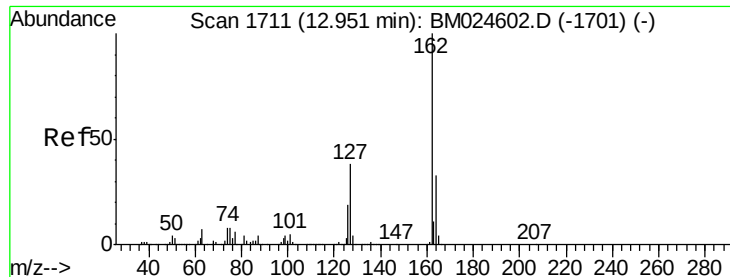


#46
 1,1'-Biphenyl
 Concen: 7.986 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion:154 Resp: 429776

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.3	60.3
76	10.8	0.0	30.5

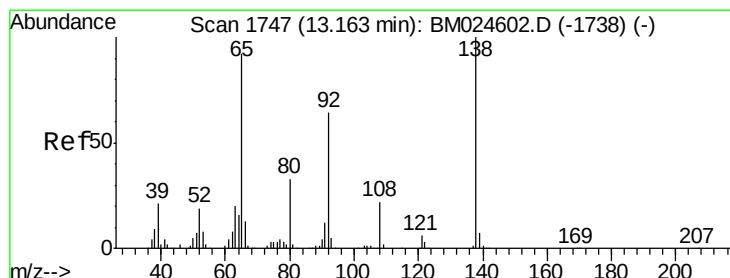
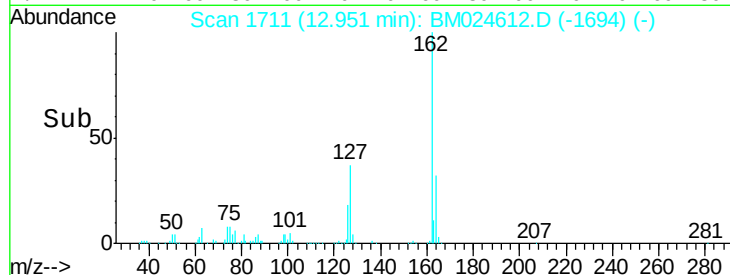
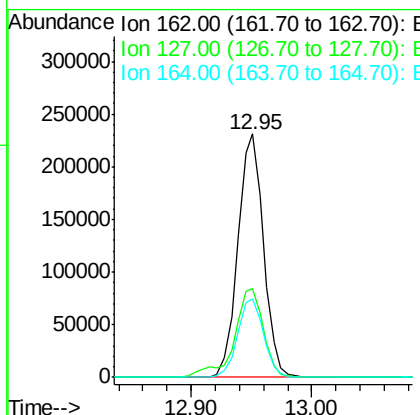
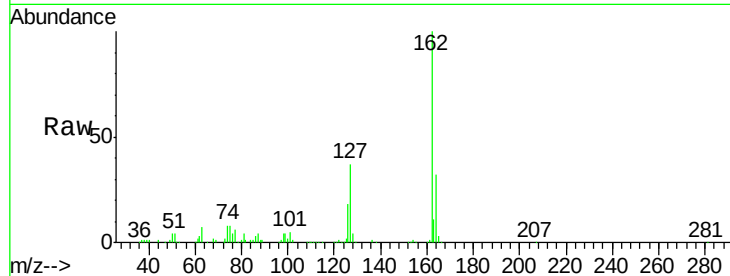




#47
 2-Chloronaphthalene
 Concen: 7.873 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

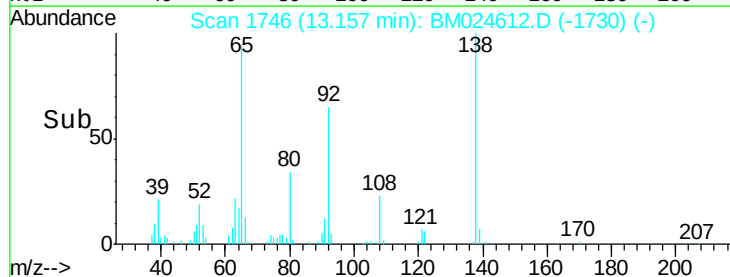
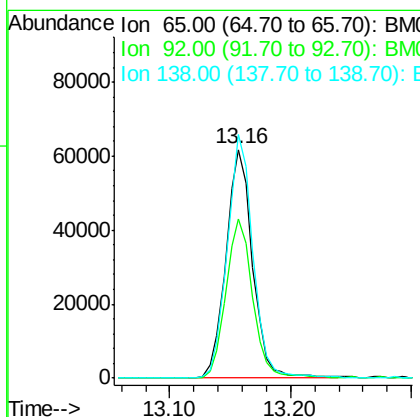
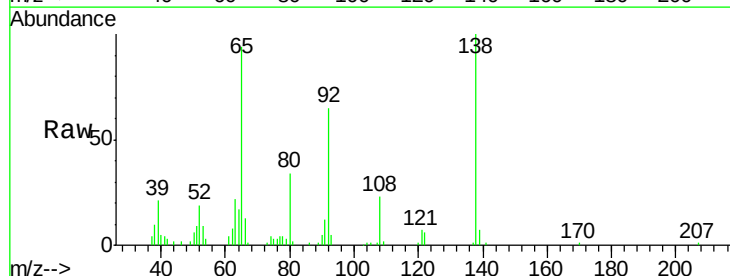
Instrument :
 BNA_M
 ClientSampleId :

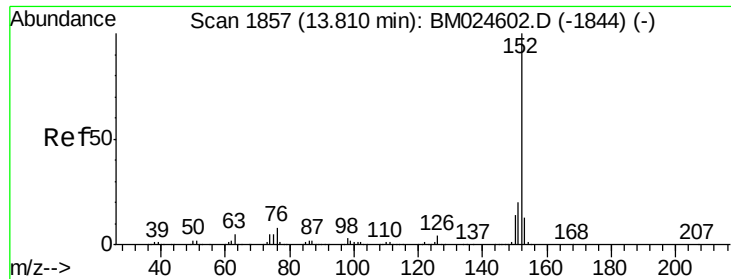
Tot Ion	162	Resp	342064
Ion Ratio	Lower	Upper	
162	100		
127	36.7	30.4	45.6
164	32.2	26.5	39.7



#48
 2-Nitroaniline
 Concen: 7.167 ng
 RT: 13.16 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion	65	Resp	94969
Ion Ratio	Lower	Upper	
65	100		
92	69.6	55.4	83.2
138	106.4	86.6	129.8





#49

Acenaphthylene

Concen: 7.716 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

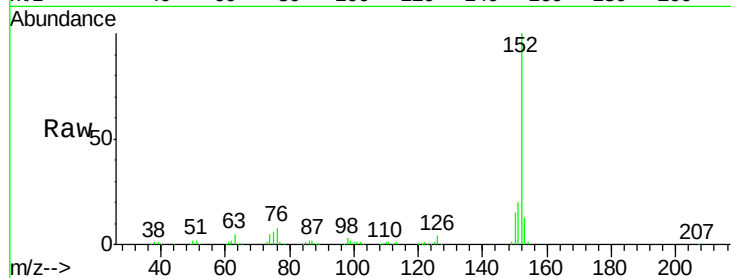
Tot Ion:152 Resp: 501832

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

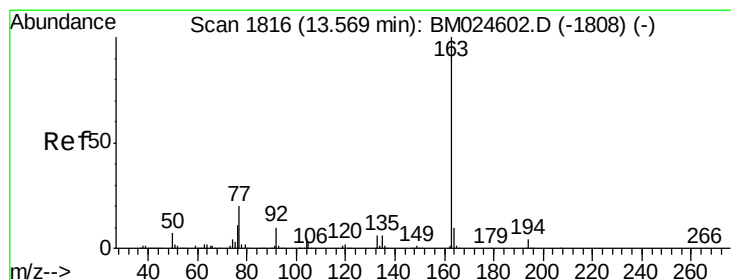
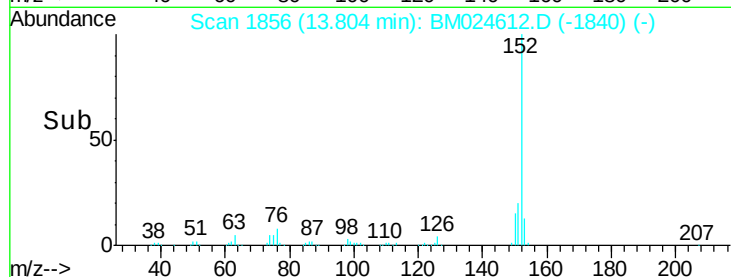
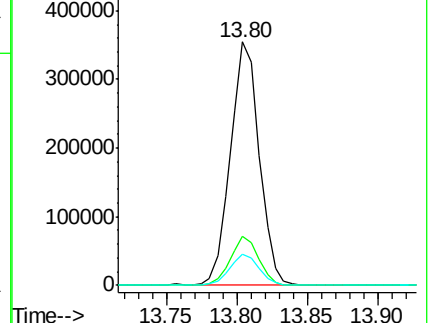
153 12.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 7.839 ng

RT: 13.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

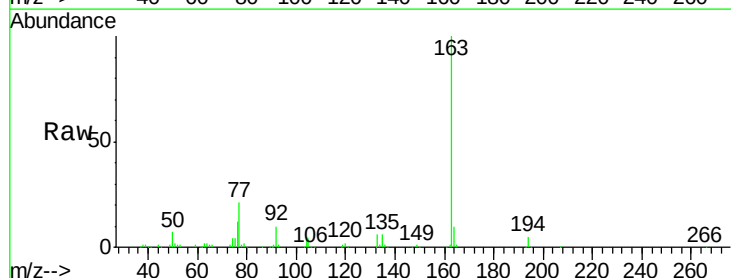
Tgt Ion:163 Resp: 450791

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

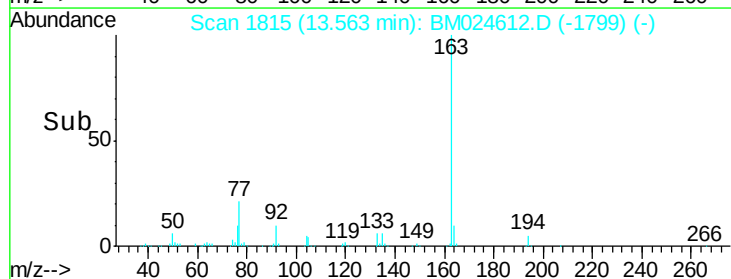
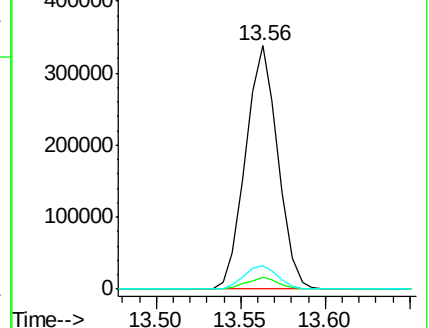
164 9.9 8.0 12.0

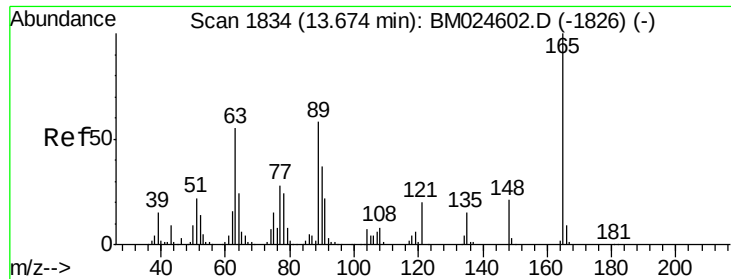


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

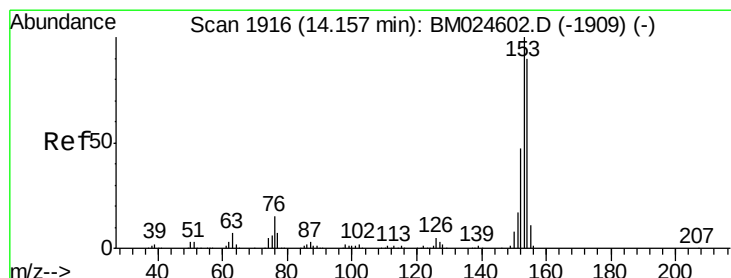
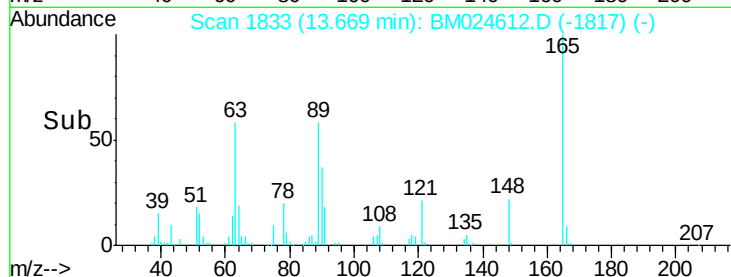
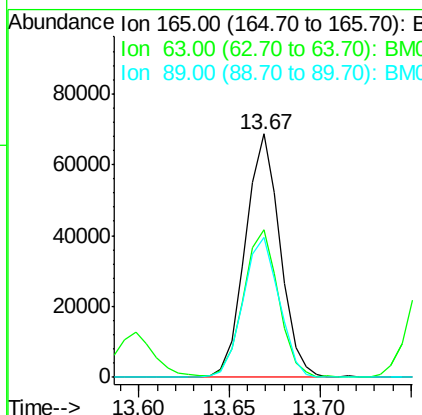
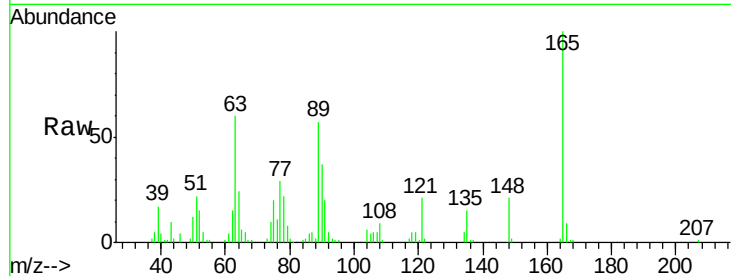




#51
 2,6-Dinitrotoluene
 Concen: 7.471 ng
 RT: 13.67 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

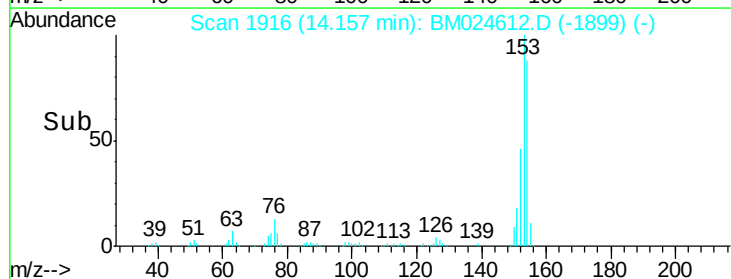
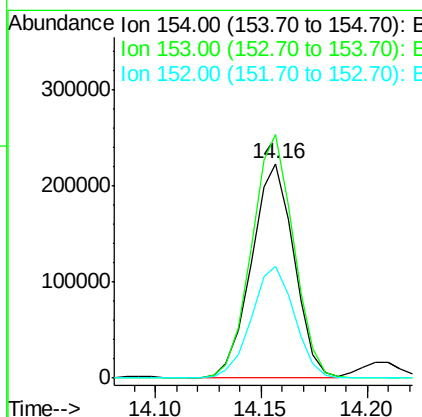
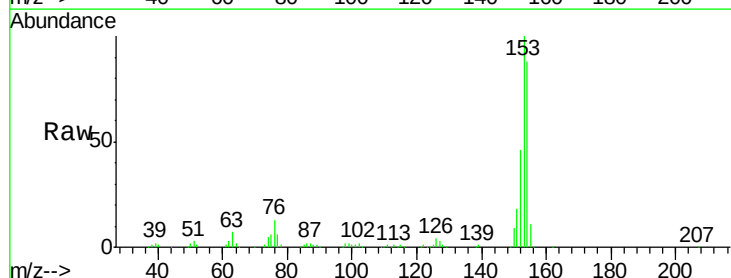
Instrument :
 BNA_M
 ClientSampleId :

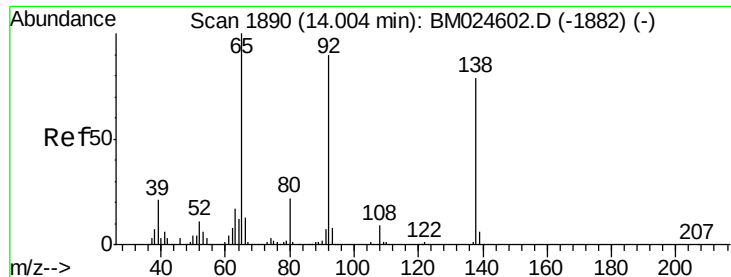
Tot Ion	Ratio	Lower	Upper
165	100		
63	60.4	45.4	68.0
89	57.4	46.6	69.8



#52
 Acenaphthene
 Concen: 7.743 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.1	133.7
152	52.0	41.9	62.9





#53

3-Nitroaniline

Concen: 6.936 ng

RT: 14.00 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

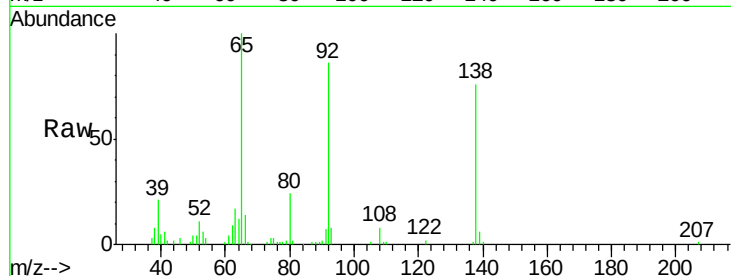
Tot Ion:138 Resp: 87947

Ion Ratio Lower Upper

138 100

108 10.5 8.7 13.1

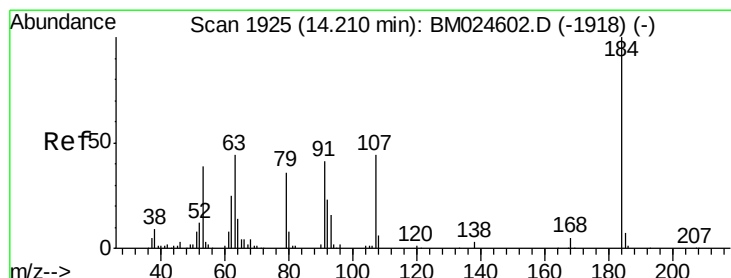
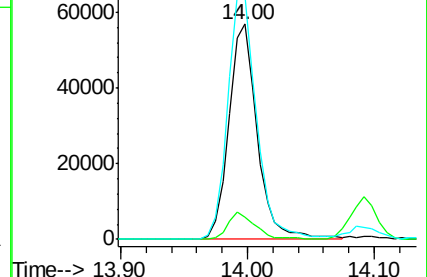
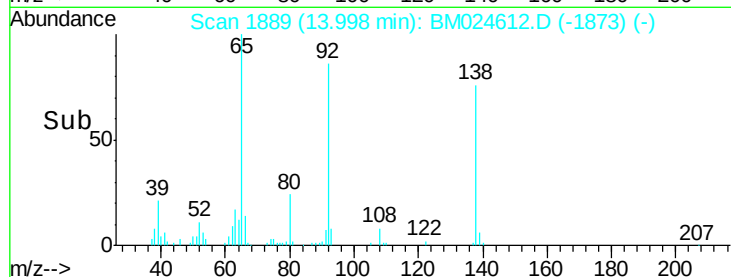
92 113.3 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 5.280 ng

RT: 14.20 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

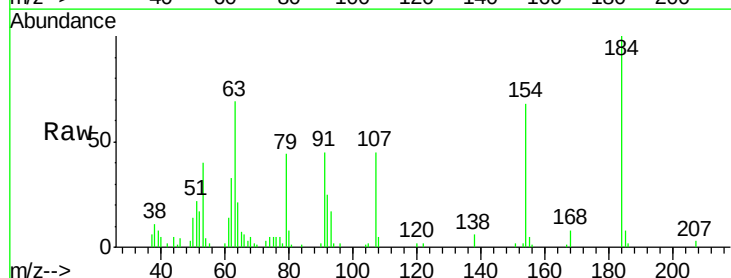
Tgt Ion:184 Resp: 38606

Ion Ratio Lower Upper

184 100

63 68.8 51.8 77.8

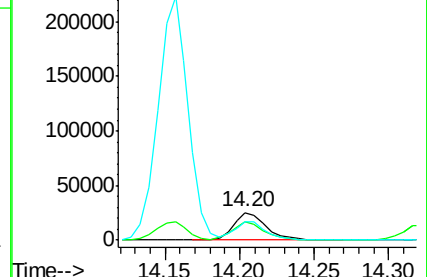
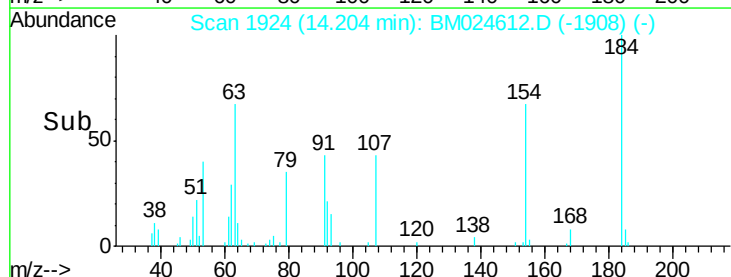
154 68.1 50.2 75.4

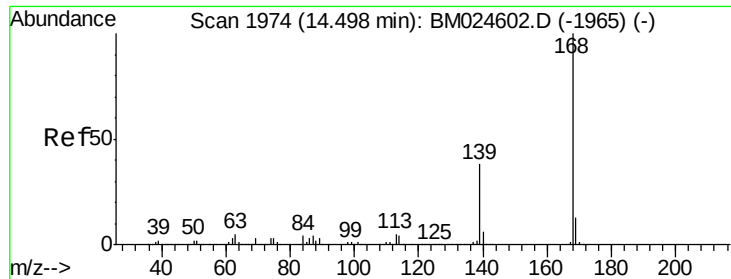


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 7.871 ng

RT: 14.49 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampled :

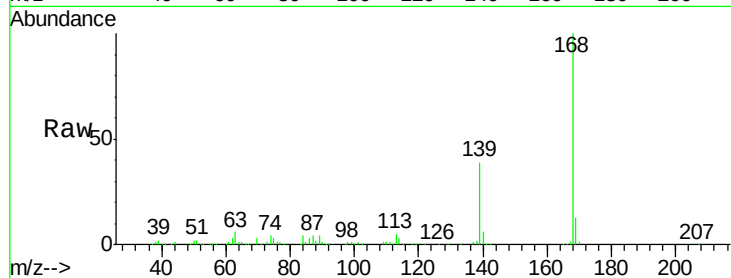
Tot Ion:168 Resp: 518096

Ion Ratio Lower Upper

168 100

139 38.6 30.2 45.4

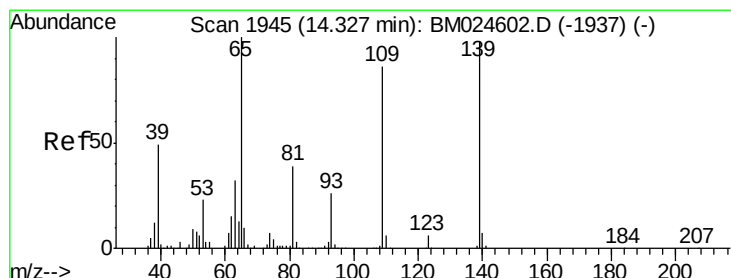
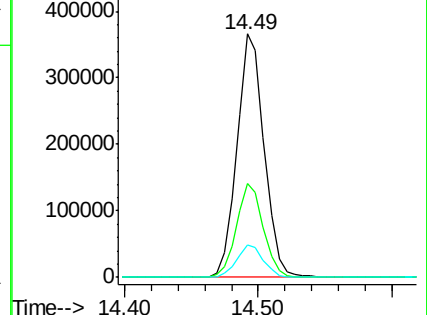
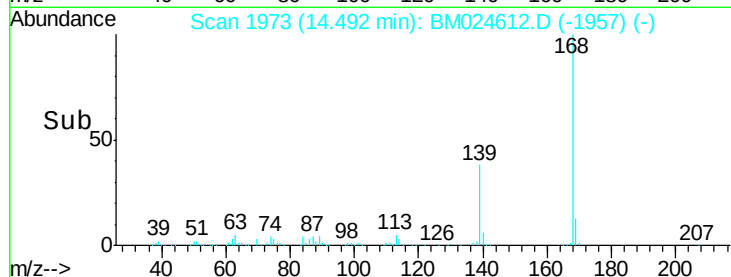
169 13.2 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 6.564 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

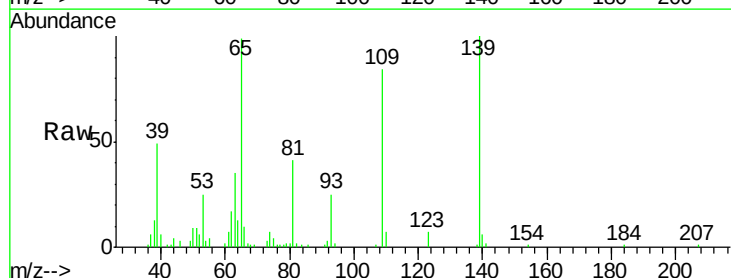
Tgt Ion:139 Resp: 65062

Ion Ratio Lower Upper

139 100

109 84.5 67.4 107.4

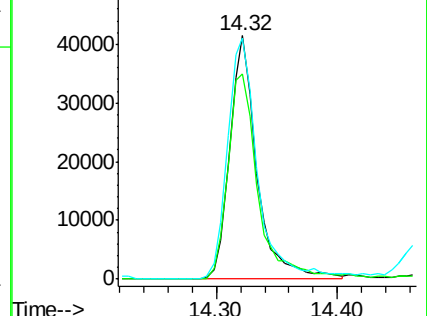
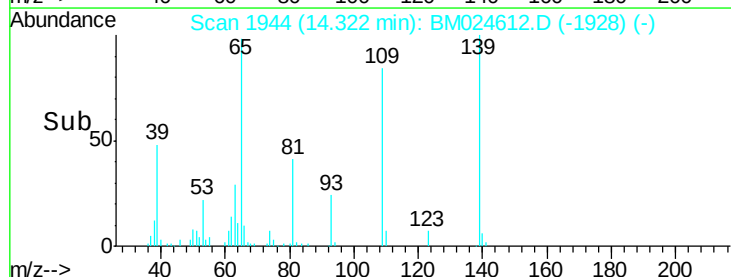
65 99.0 82.1 122.1

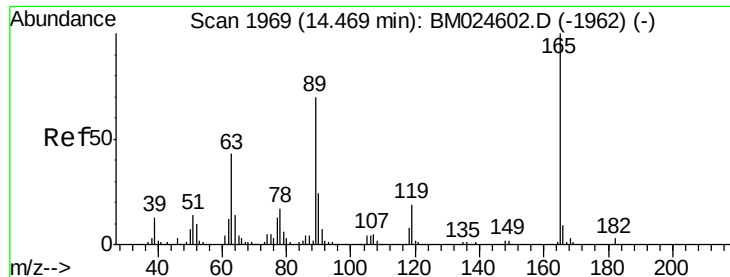


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





#57

2,4-Dinitrotoluene

Concen: 7.076 ng

RT: 14.46 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

Tot Ion:165 Resp: 123980

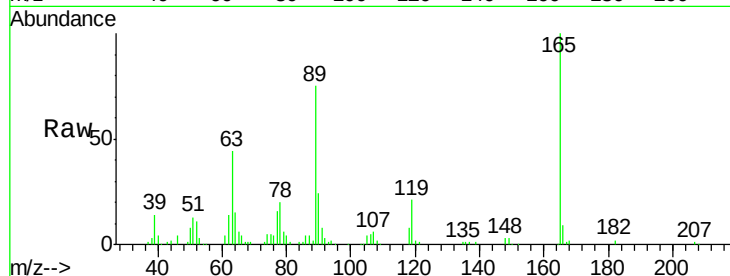
Ion Ratio Lower Upper

165 100

63 44.3 34.5 51.7

89 74.8 55.8 83.8

182 2.3 2.3 3.5

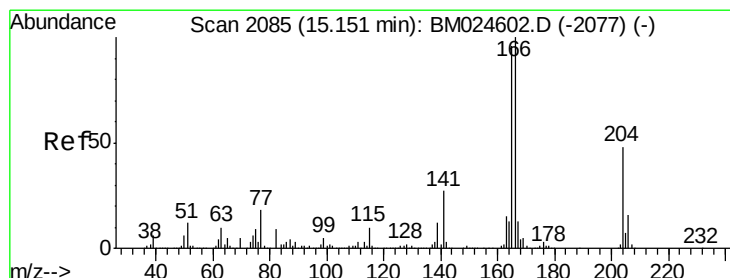
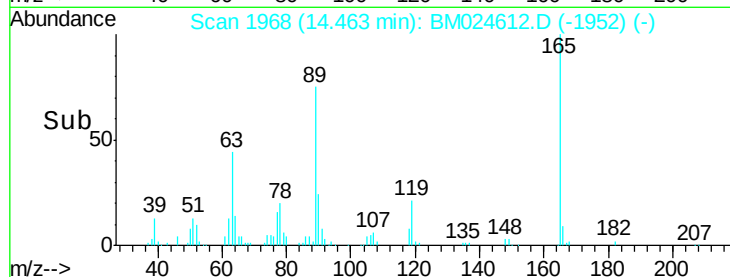
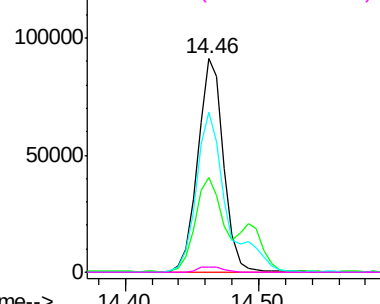


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 7.578 ng

RT: 15.15 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

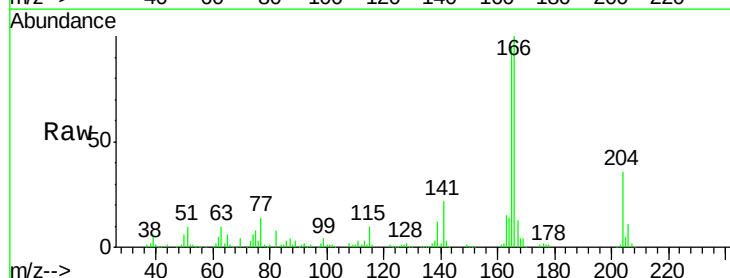
Tgt Ion:166 Resp: 419204

Ion Ratio Lower Upper

166 100

165 95.4 76.6 114.8

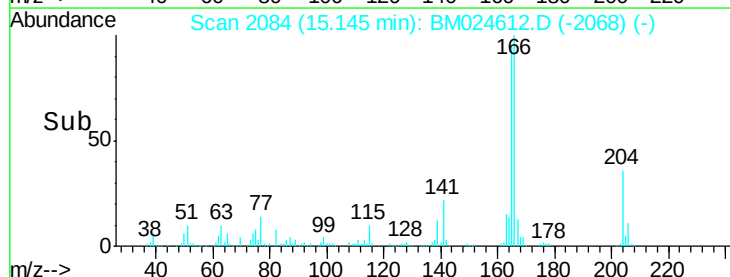
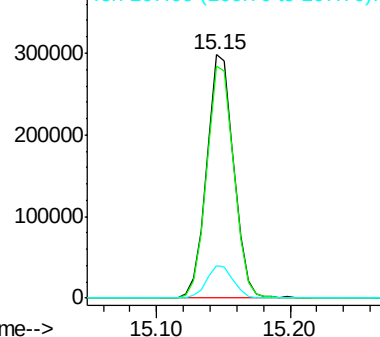
167 13.2 10.8 16.2

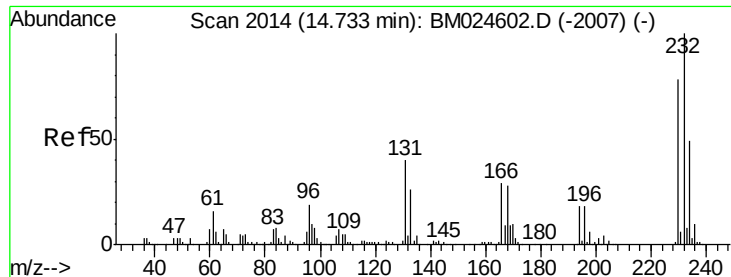


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

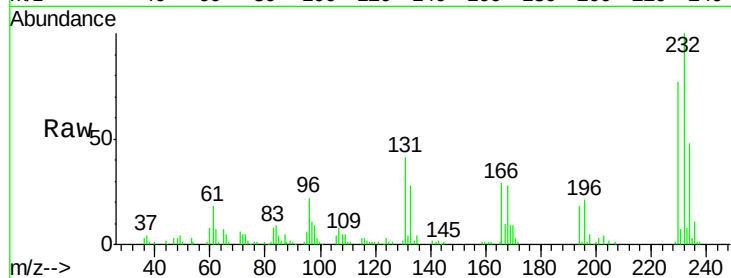




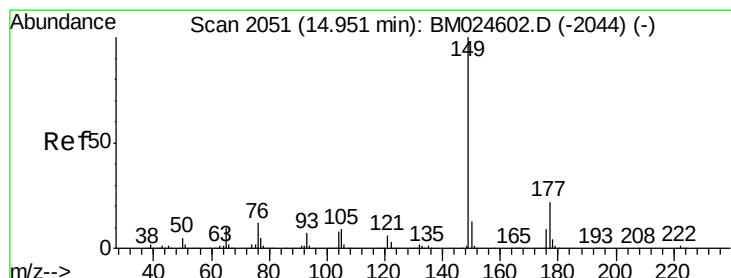
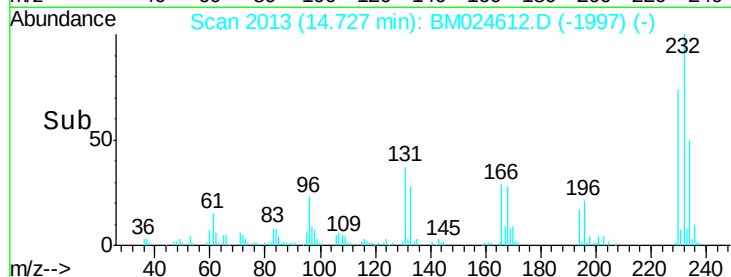
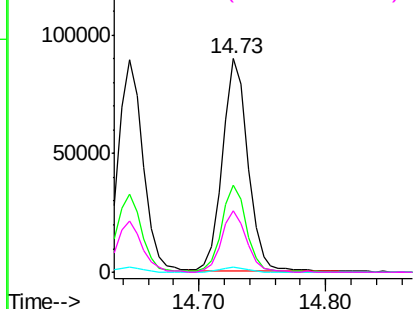
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.443 ng
RT: 14.73 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 124509
Ion Ratio Lower Upper
232 100
131 38.9 32.2 48.4
130 2.5 1.9 2.9
166 28.8 23.4 35.0

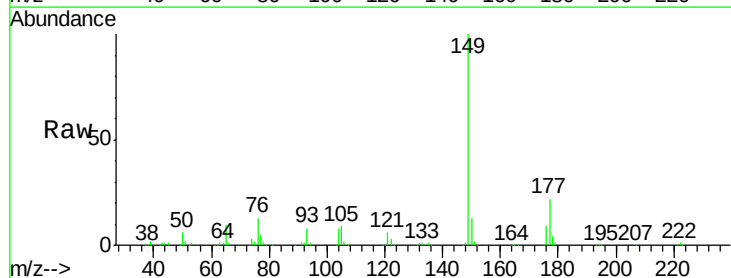


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

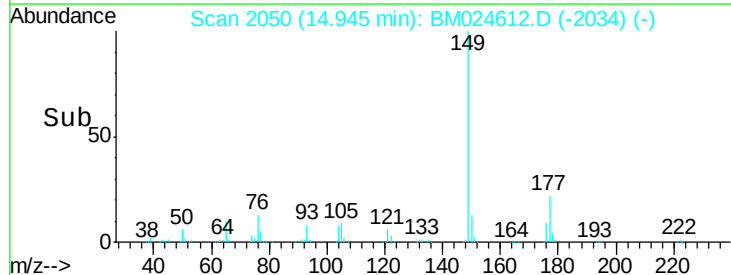
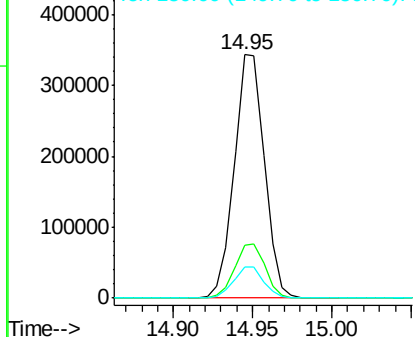


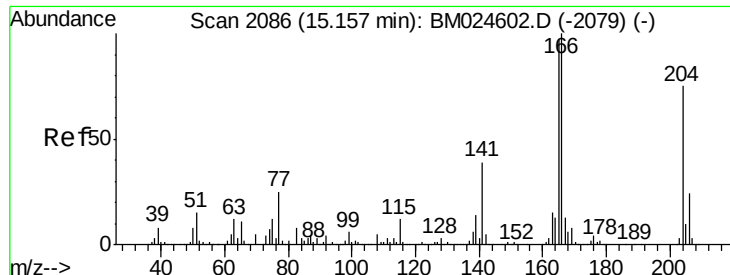
#60
Diethylphthalate
Concen: 7.745 ng
RT: 14.95 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion:149 Resp: 452134
Ion Ratio Lower Upper
149 100
177 21.6 18.0 27.0
150 12.8 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

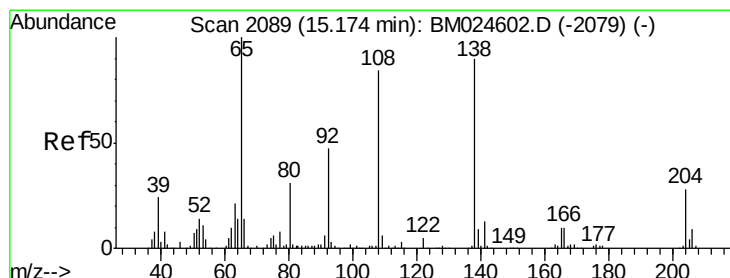
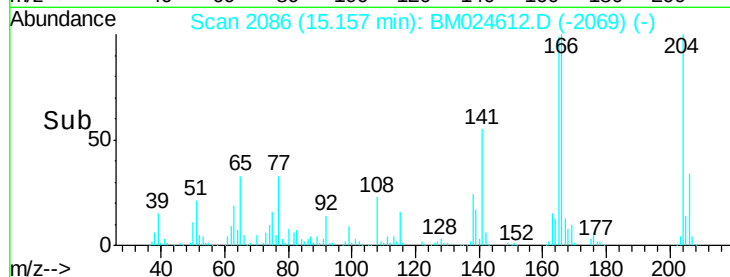
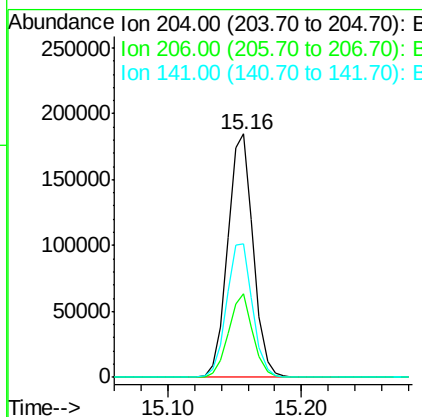
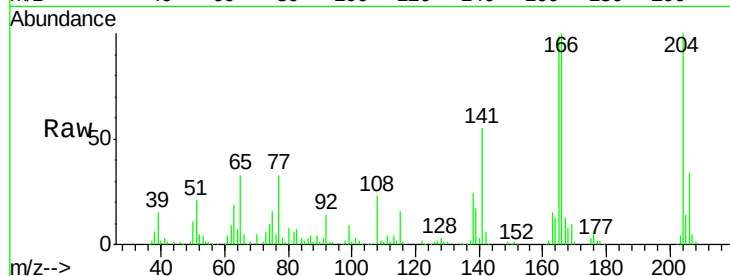




#61
 4-Chlorophenyl-phenylether
 Concen: 7.742 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

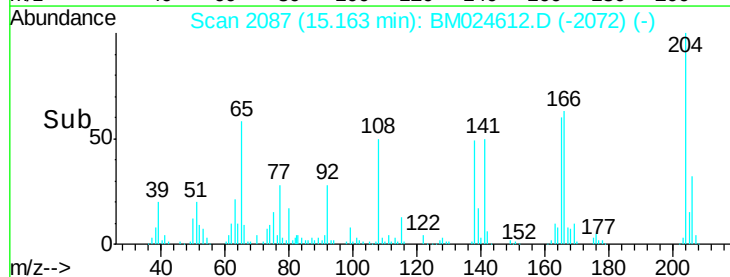
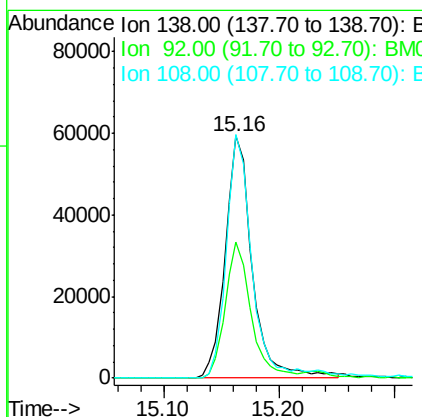
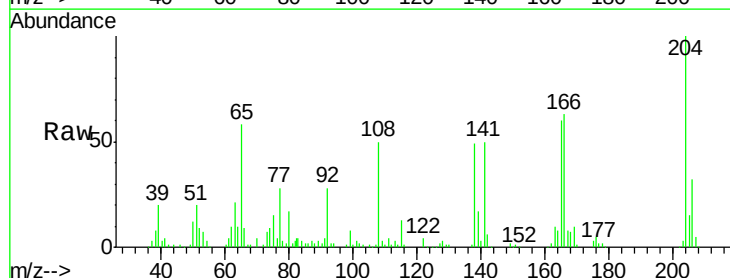
Instrument :
 BNA_M
 ClientSampled :

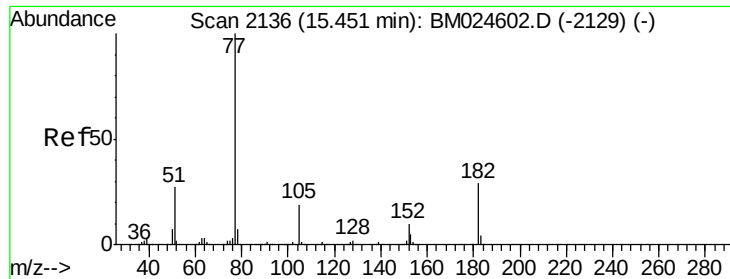
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.2	39.2
141	54.7	42.2	63.2



#62
 4-Nitroaniline
 Concen: 6.885 ng
 RT: 15.16 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.3	32.4	72.4
108	100.5	73.3	113.3





#63

Azobenzene

Concen: 7.823 ng

RT: 15.44 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 389567

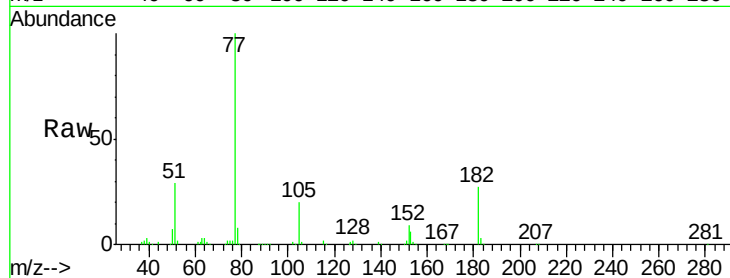
Ion	Ratio	Lower	Upper
77	100		
182	26.8	8.7	48.7
105	19.8	0.0	39.2
51	29.0	7.5	47.5

77 100

182 26.8 8.7 48.7

105 19.8 0.0 39.2

51 29.0 7.5 47.5

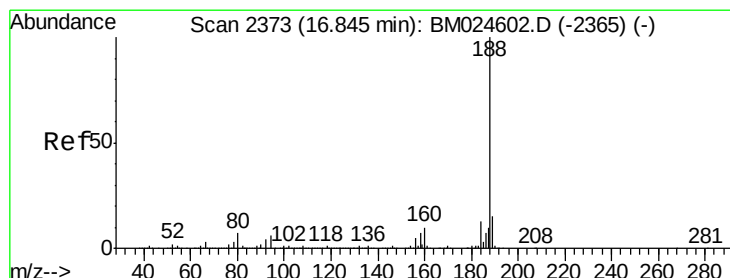
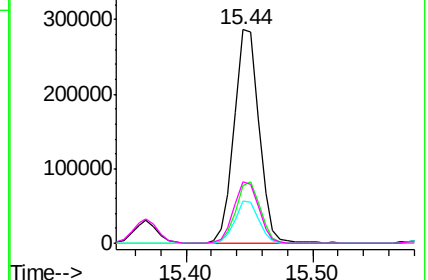
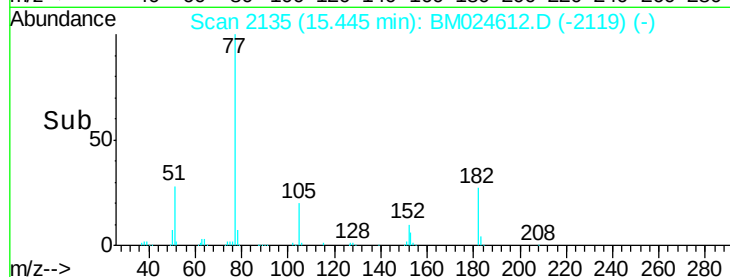


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

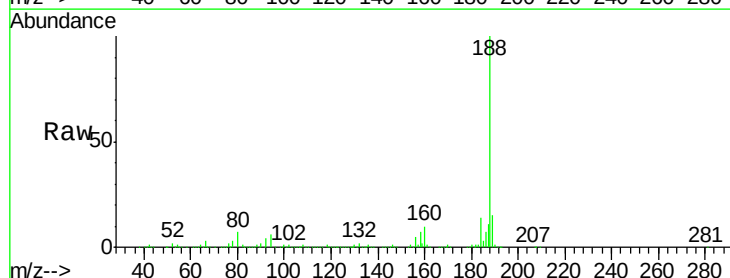
Tgt Ion: 188 Resp: 1647528

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.0	7.6
80	6.9	5.8	8.8

188 100

94 5.9 5.0 7.6

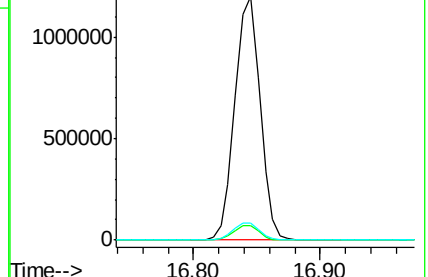
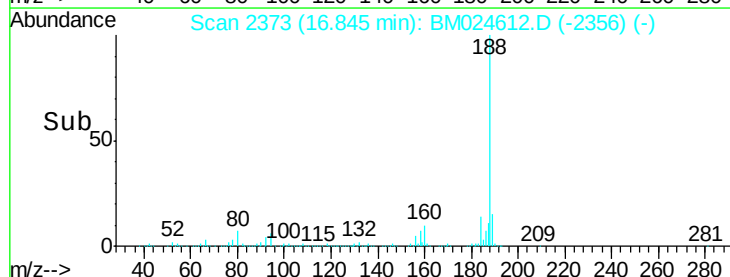
80 6.9 5.8 8.8

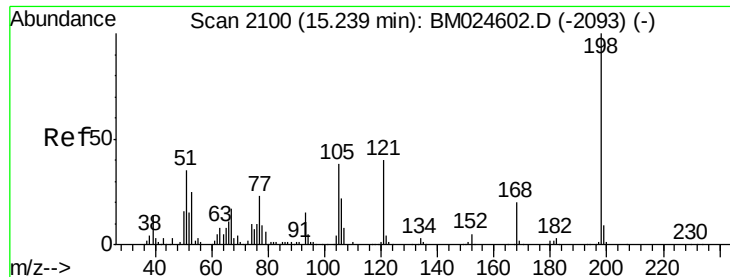


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

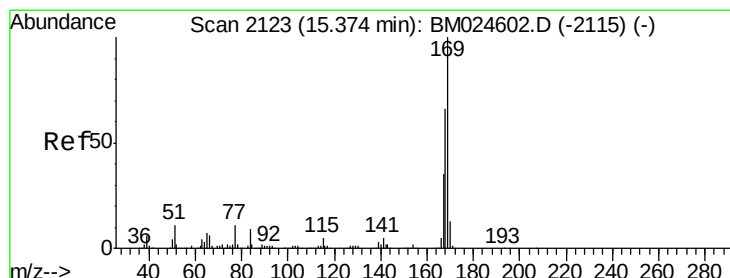
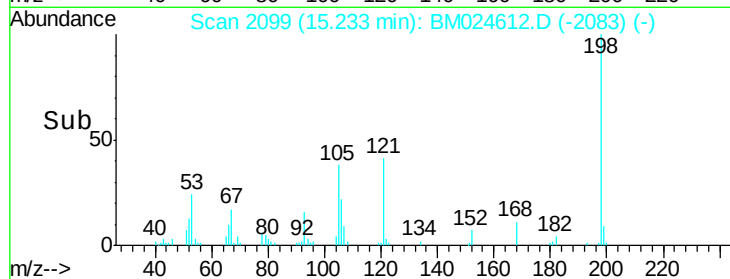
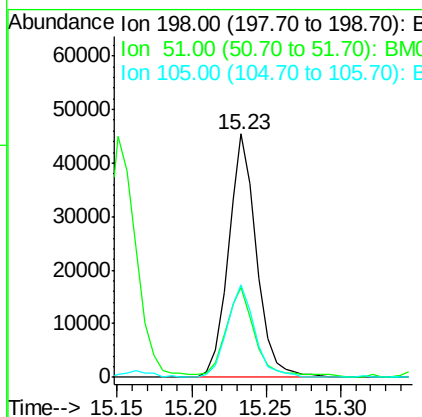
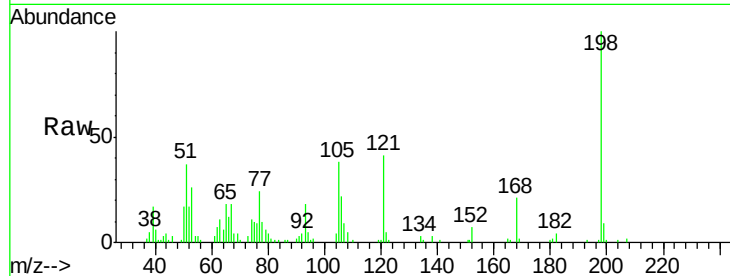




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.170 ng
 RT: 15.23 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

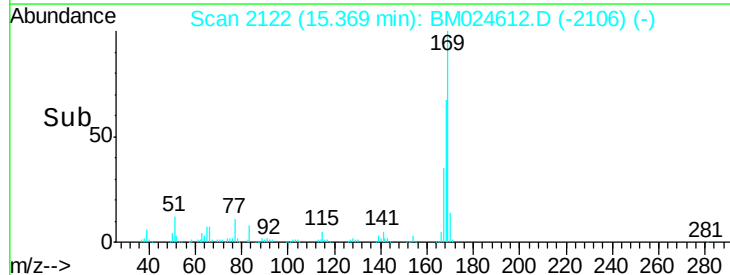
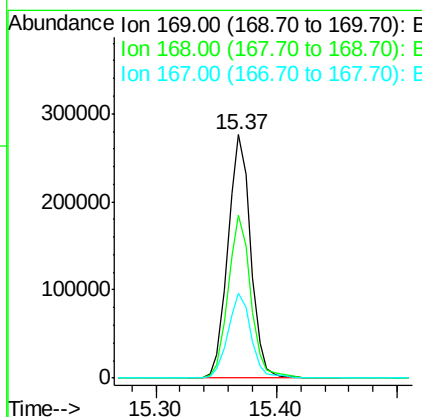
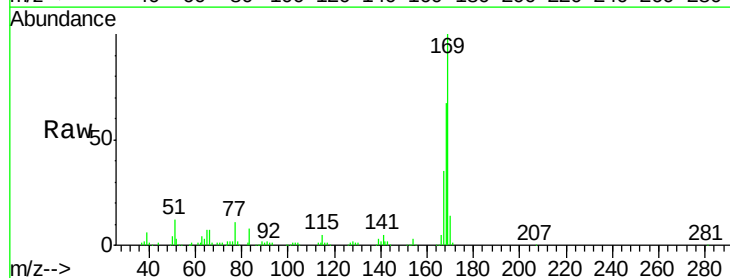
Instrument :
 BNA_M
 ClientSampleId :

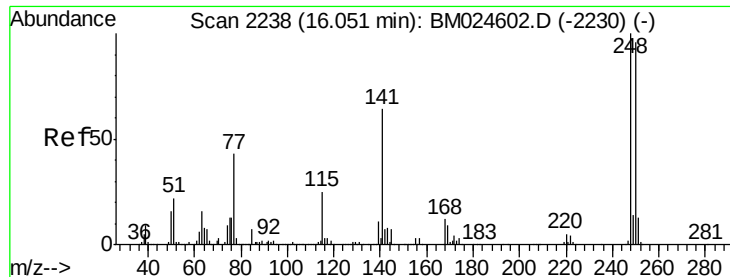
Tot Ion	198	Resp	59766
Ion Ratio	100	Lower	Upper
51	36.7	15.8	55.8
105	38.1	18.5	58.5



#66
 n-Nitrosodiphenylamine
 Concen: 7.650 ng
 RT: 15.37 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion	169	Resp	362051
Ion Ratio	100	Lower	Upper
168	66.8	52.8	79.2
167	34.7	28.2	42.2

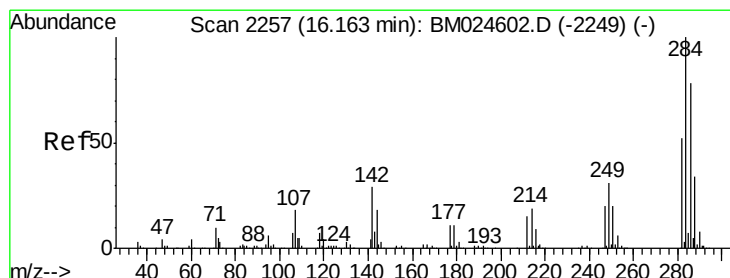
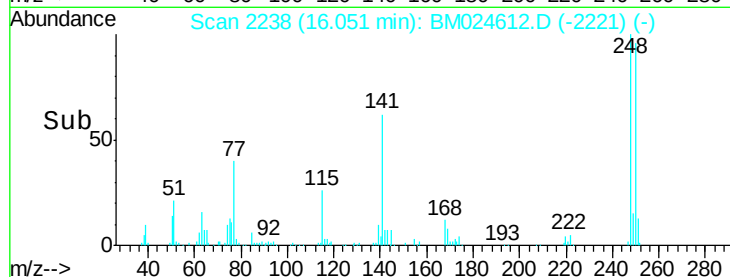
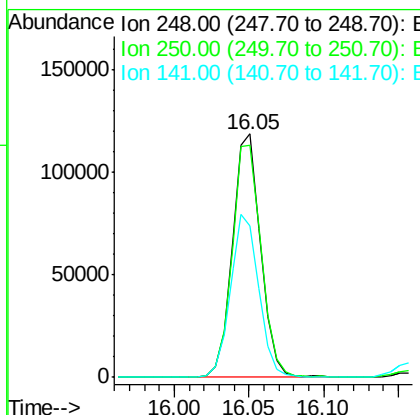
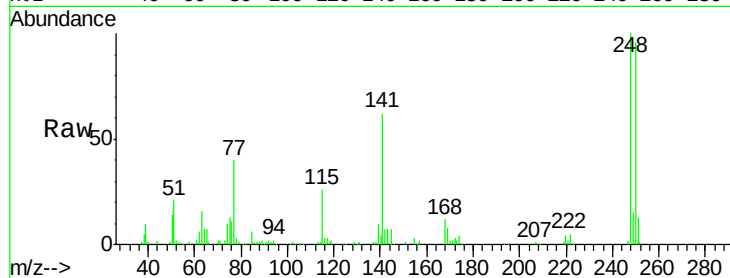




#67
 4-Bromophenyl-phenylether
 Concen: 7.636 ng
 RT: 16.05 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

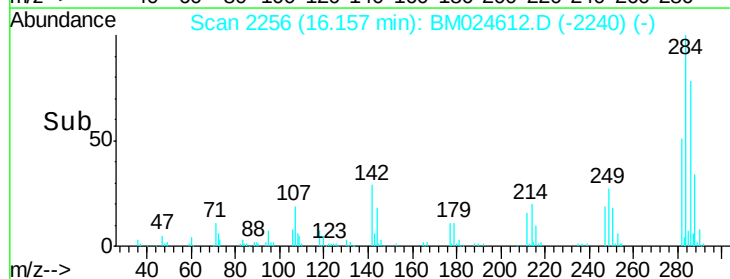
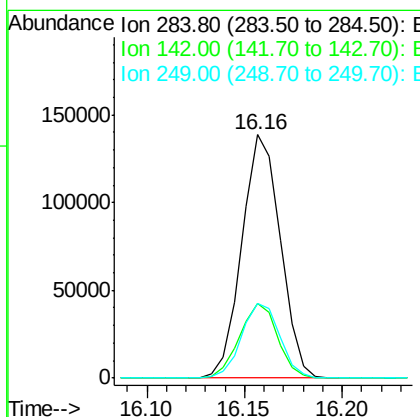
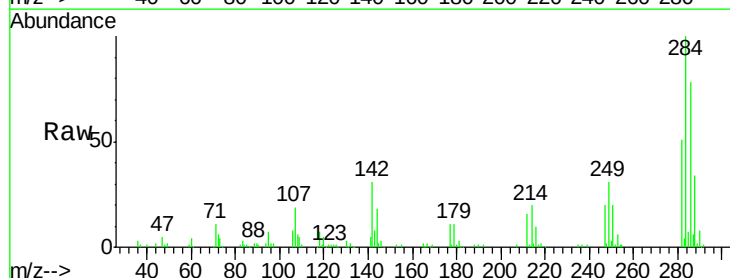
Instrument :
 BNA_M
 ClientSampleId :

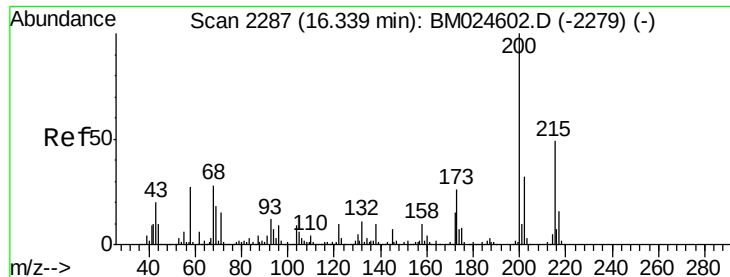
Tot Ion:248 Resp: 156458
 Ion Ratio Lower Upper
 248 100
 250 95.5 77.0 115.6
 141 62.1 50.9 76.3



#68
 Hexachlorobenzene
 Concen: 8.064 ng
 RT: 16.16 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion:284 Resp: 189607
 Ion Ratio Lower Upper
 284 100
 142 30.6 23.5 35.3
 249 30.8 24.6 36.8





#69

Atrazine

Concen: 7.299 ng

RT: 16.33 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampled :

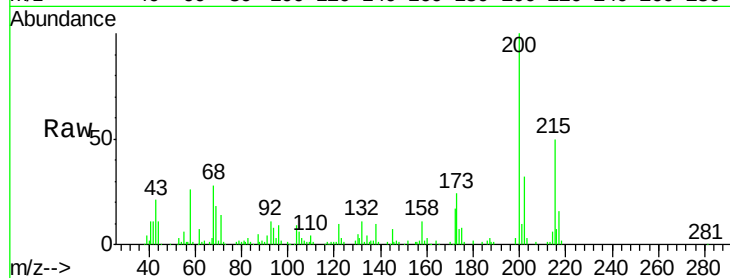
Tot Ion:200 Resp: 132587

Ion Ratio Lower Upper

200 100

173 24.1 5.5 45.5

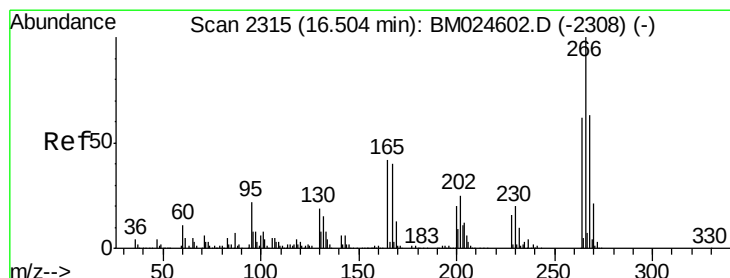
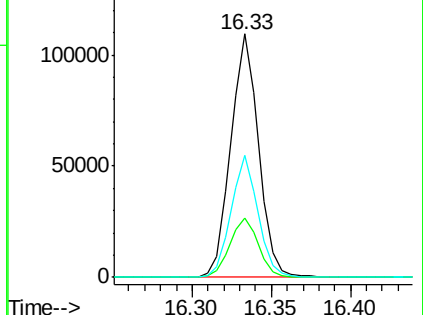
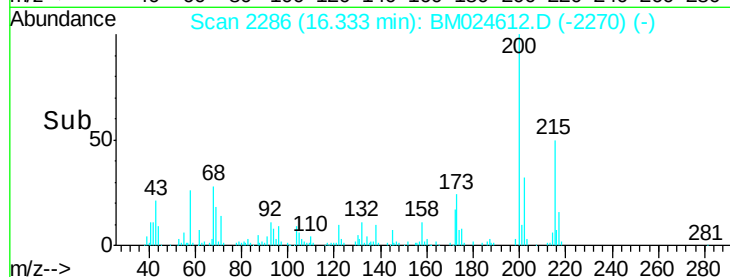
215 50.1 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 6.931 ng

RT: 16.50 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

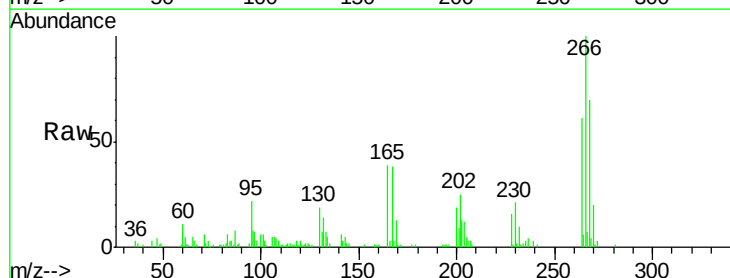
Tgt Ion:266 Resp: 99254

Ion Ratio Lower Upper

266 100

268 69.7 50.4 75.6

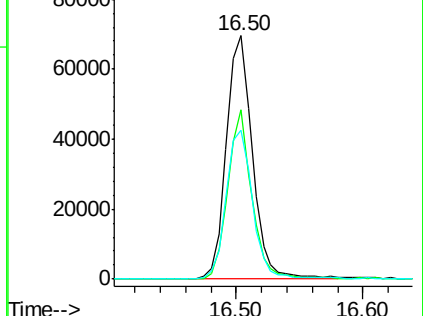
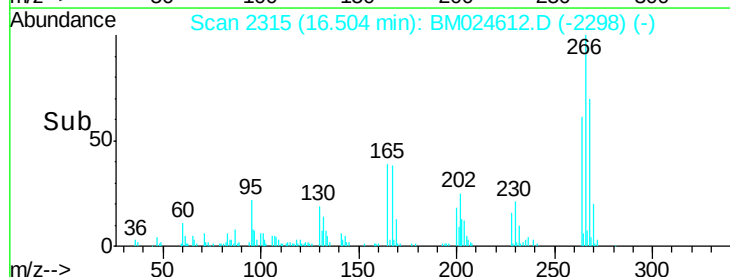
264 60.9 49.9 74.9

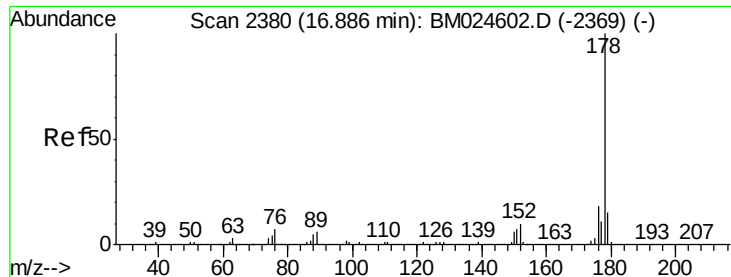


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

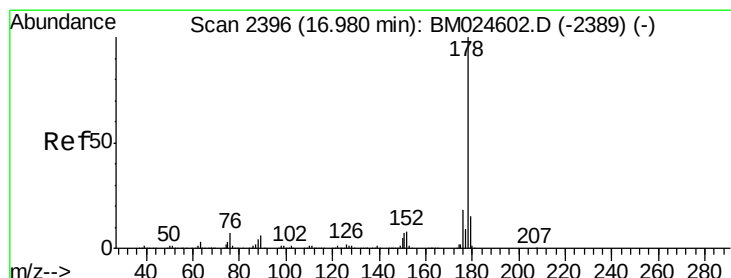
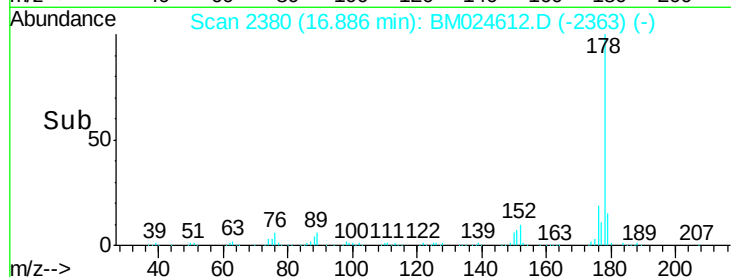
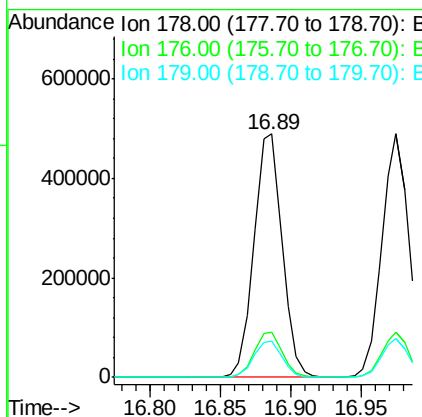
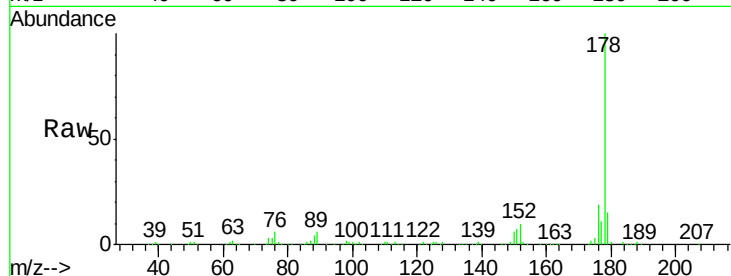




#71
Phenanthrene
Concen: 7.754 ng
RT: 16.89 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

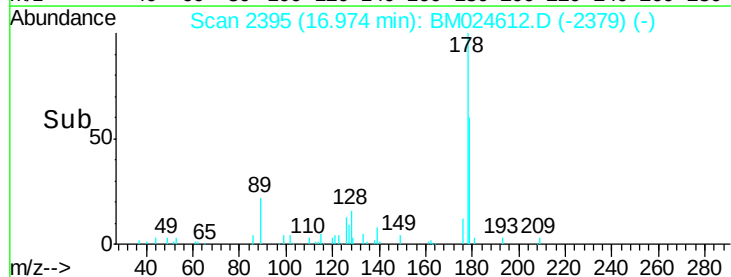
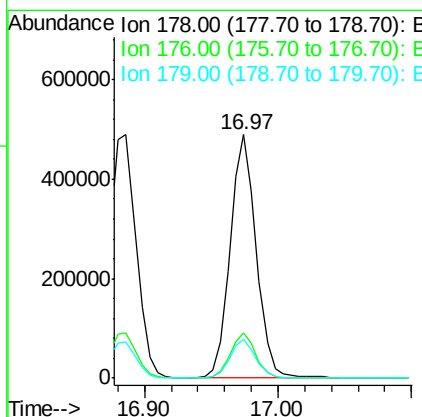
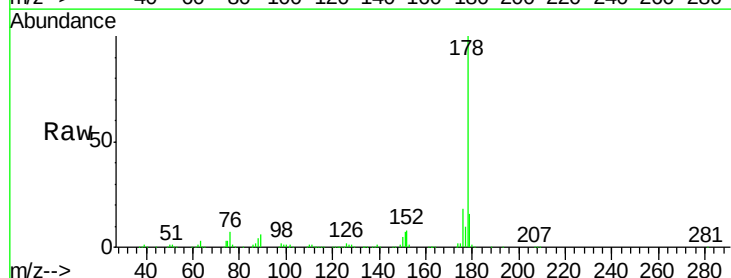
Instrument :
BNA_M
ClientSampleId :

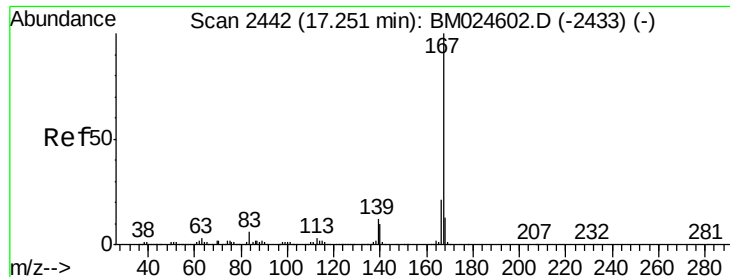
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	14.7	11.9	17.9



#72
Anthracene
Concen: 7.574 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.3	21.5
179	15.7	12.1	18.1





#73

Carbazole

Concen: 7.603 ng

RT: 17.24 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampled :

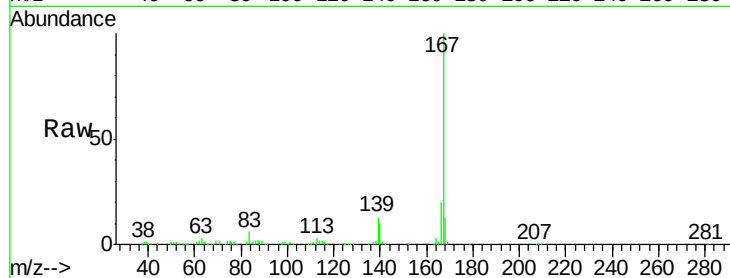
Tot Ion:167 Resp: 604235

Ion Ratio Lower Upper

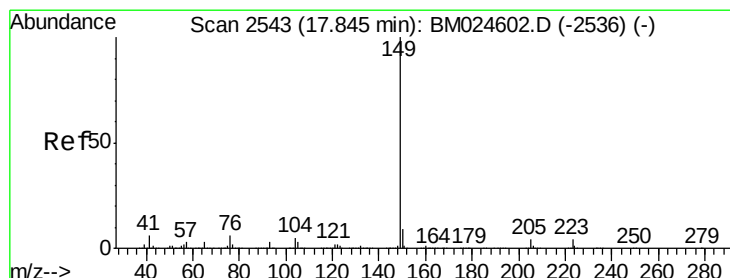
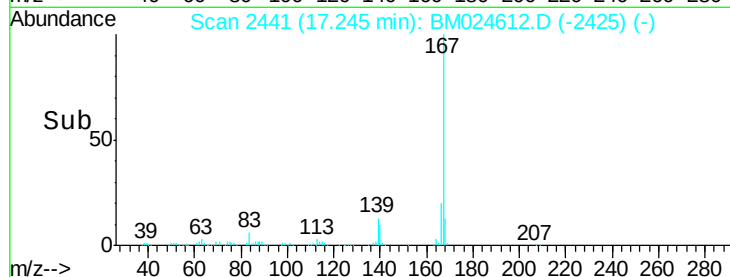
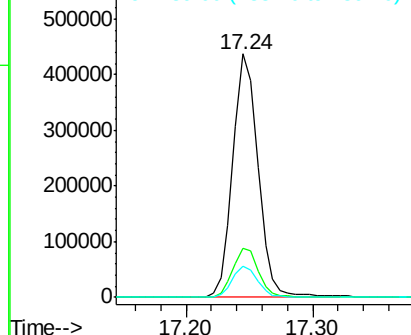
167 100

166 20.4 17.1 25.7

139 12.6 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: 7.267 ng

RT: 17.84 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

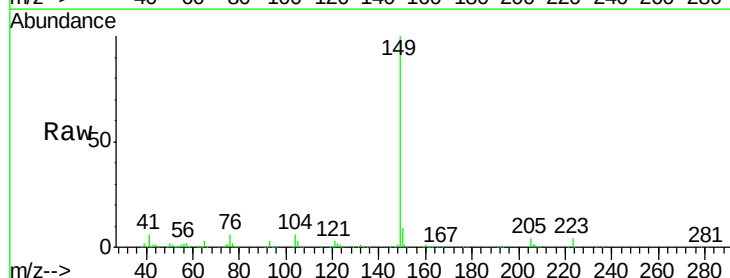
Tgt Ion:149 Resp: 738308

Ion Ratio Lower Upper

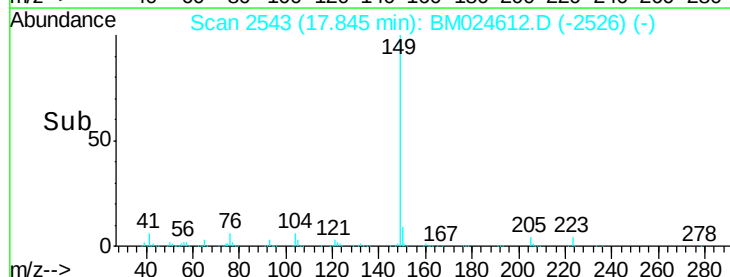
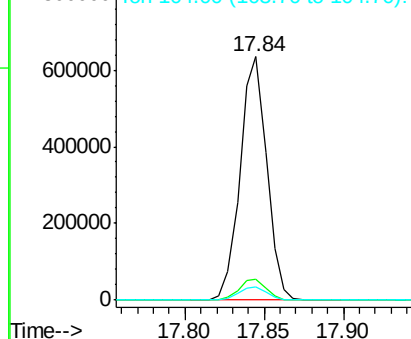
149 100

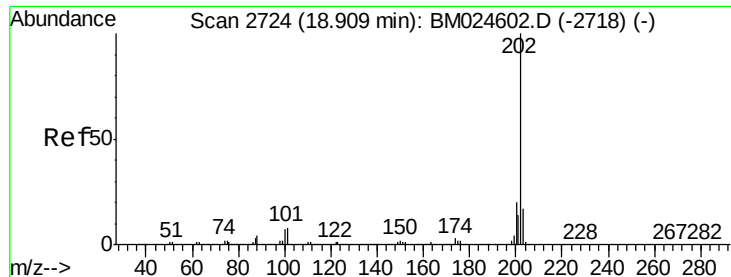
150 8.8 7.4 11.0

104 5.6 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: 7.579 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

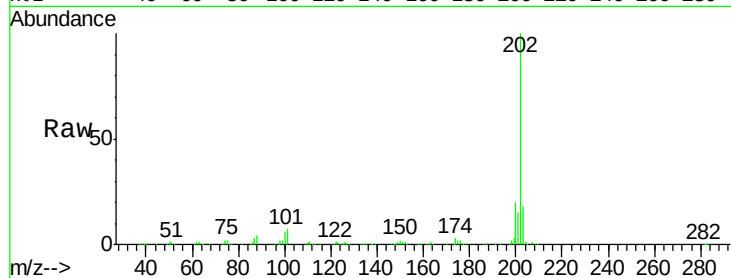
Tot Ion:202 Resp: 843985

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.4

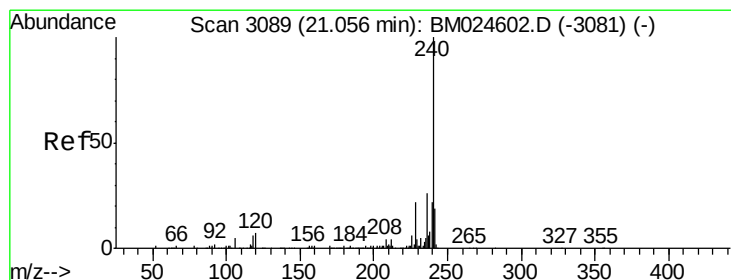
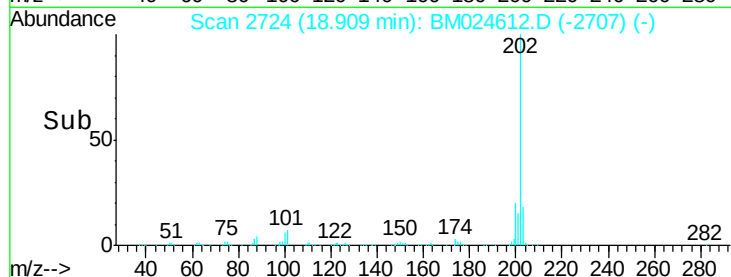
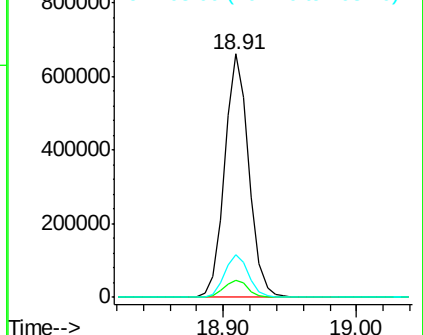
203 17.5 0.0 37.5



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: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

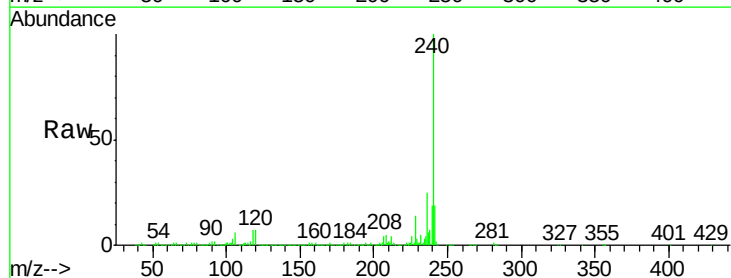
Tgt Ion:240 Resp: 1703824

Ion Ratio Lower Upper

240 100

120 7.4 5.3 7.9

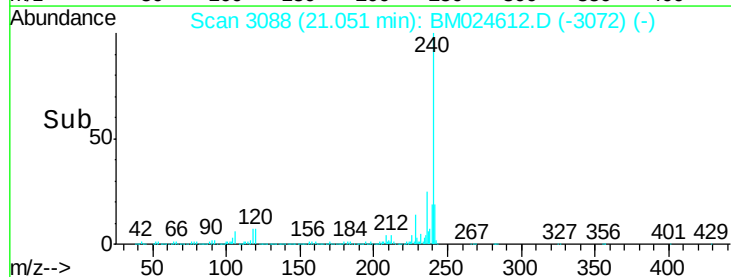
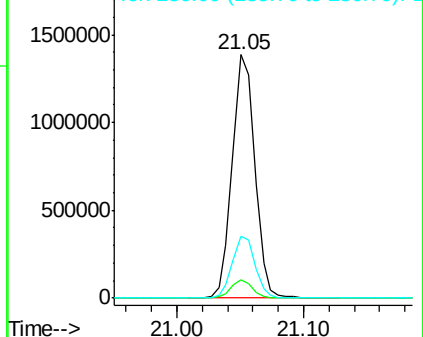
236 25.5 20.6 31.0

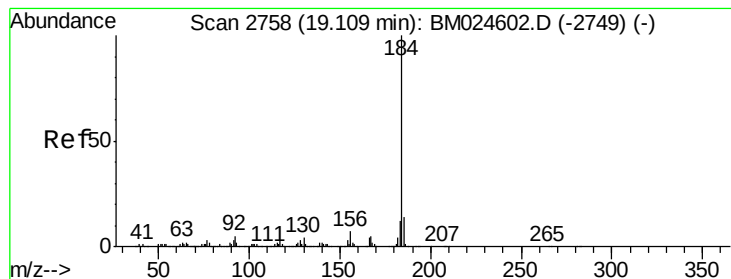


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.569 ng

RT: 19.11 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

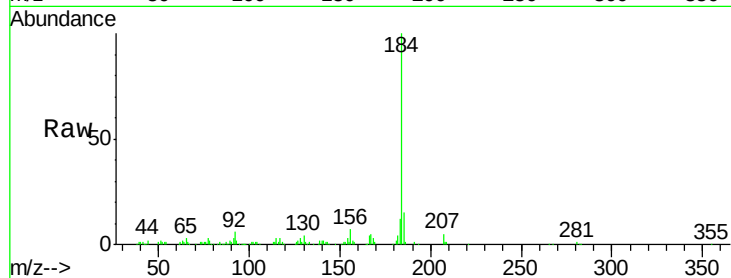
Tot Ion:184 Resp: 260671

Ion Ratio Lower Upper

184 100

185 15.3 11.3 16.9

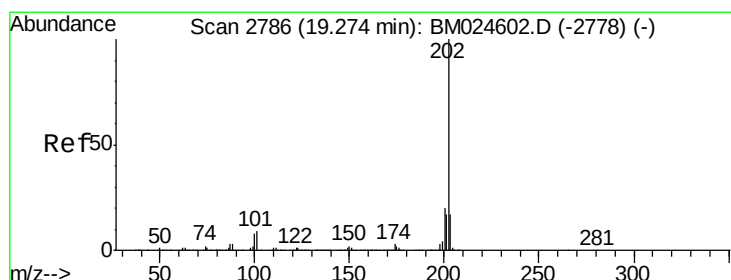
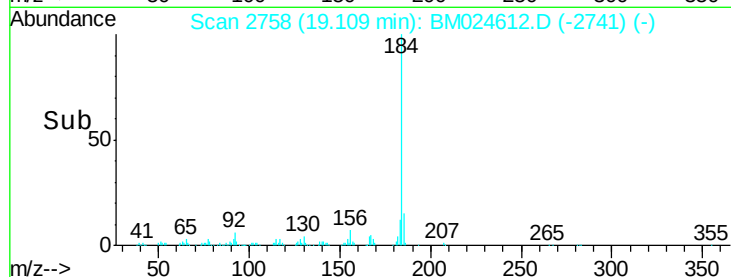
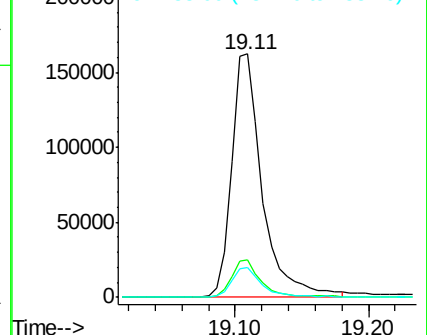
183 12.2 9.6 14.4



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: 7.771 ng

RT: 19.27 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

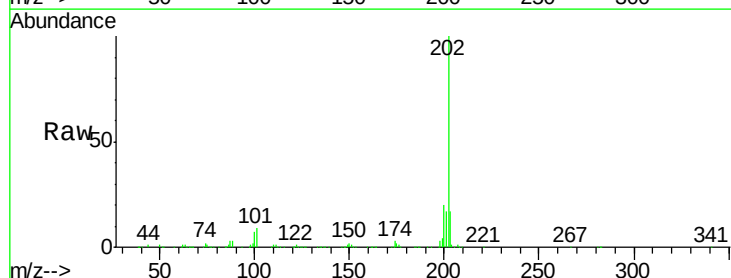
Tgt Ion:202 Resp: 872869

Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.2

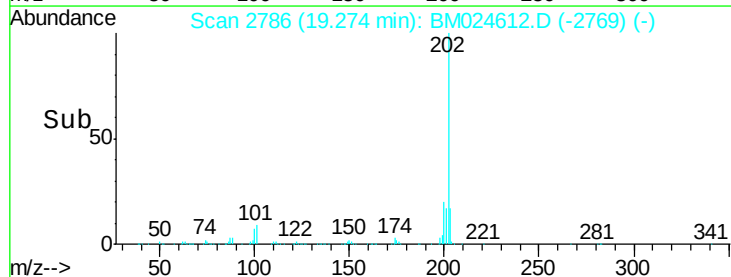
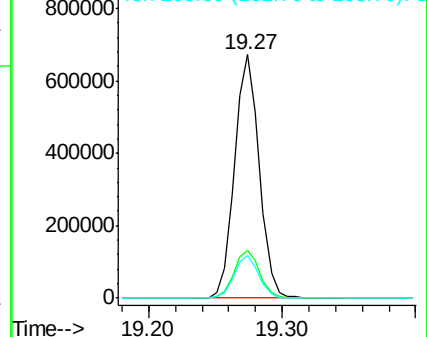
203 17.3 14.0 21.0

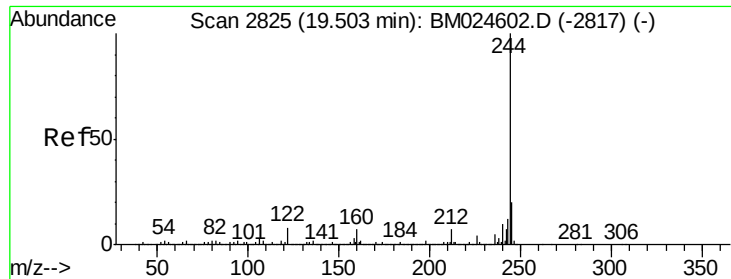


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.311 ng

RT: 19.50 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

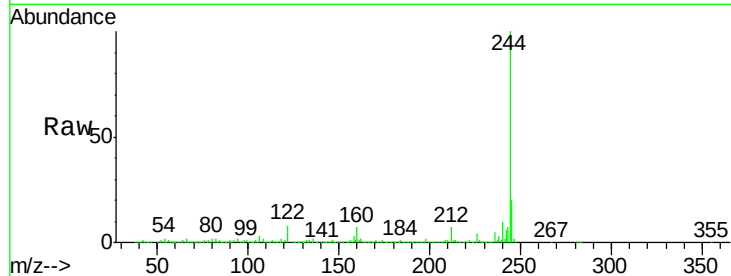
Tot Ion:244 Resp: 7877194

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

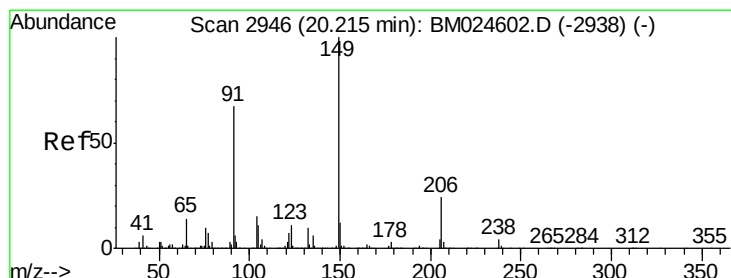
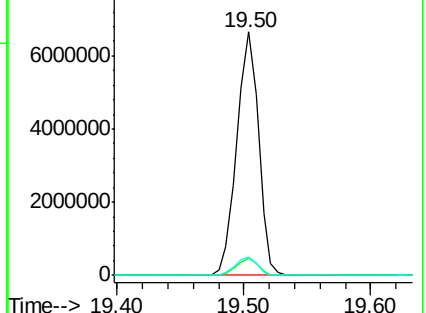
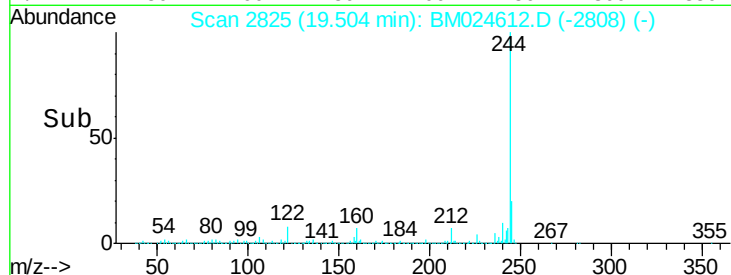
122 7.8 6.2 9.4



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: 6.662 ng

RT: 20.22 min Scan# 2946

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

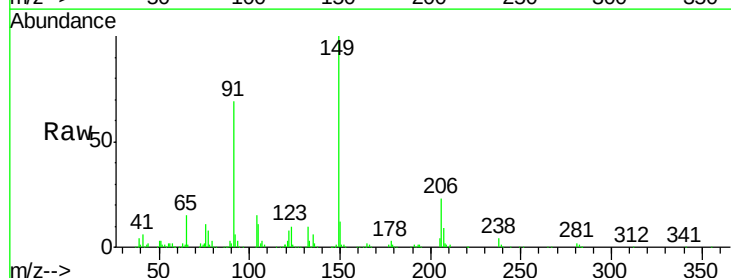
Tgt Ion:149 Resp: 313995

Ion Ratio Lower Upper

149 100

91 68.8 53.9 80.9

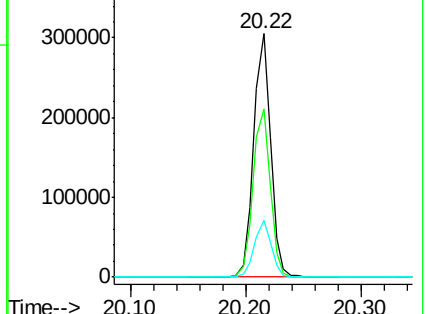
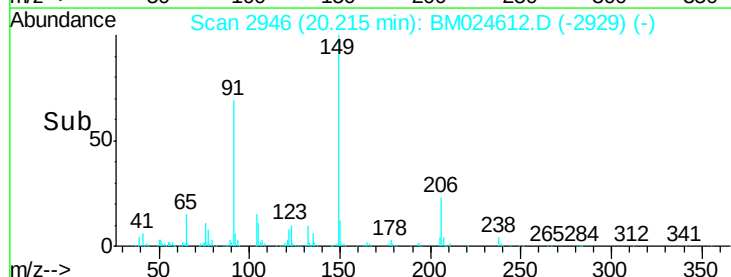
206 23.3 19.0 28.6

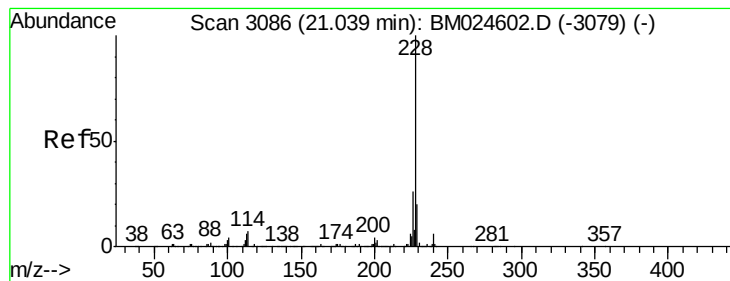


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 7.735 ng

RT: 21.04 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

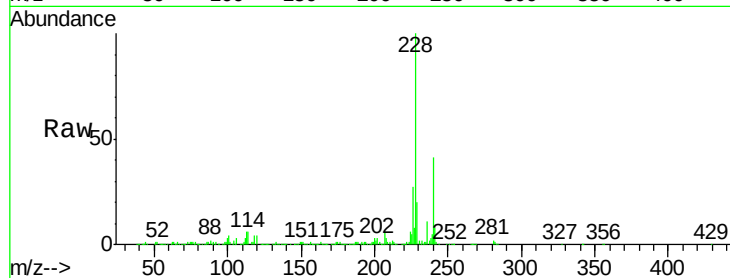
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 914760

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.1	31.7
229	19.9	15.8	23.6

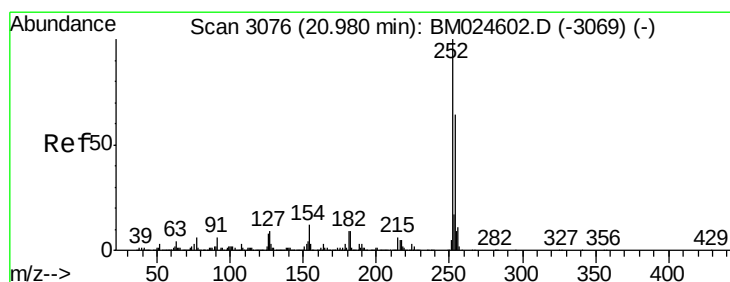
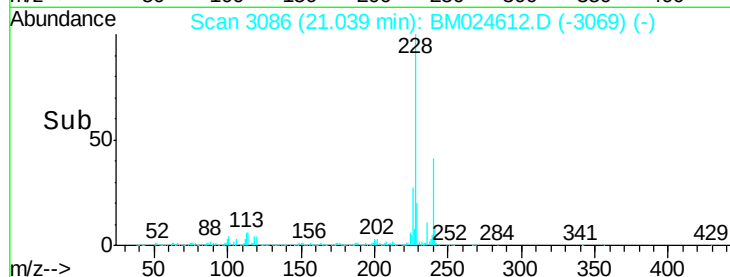
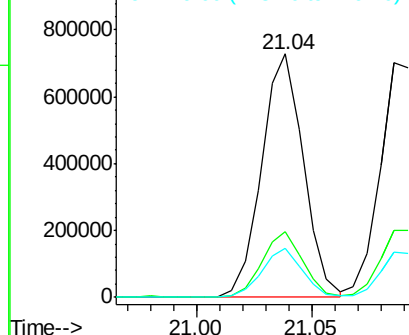


Abundance

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: 6.811 ng

RT: 20.98 min Scan# 3076

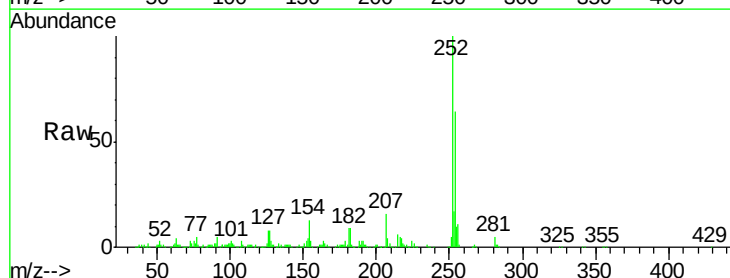
Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:252 Resp: 289747

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.5	77.3
126	7.7	6.7	10.1

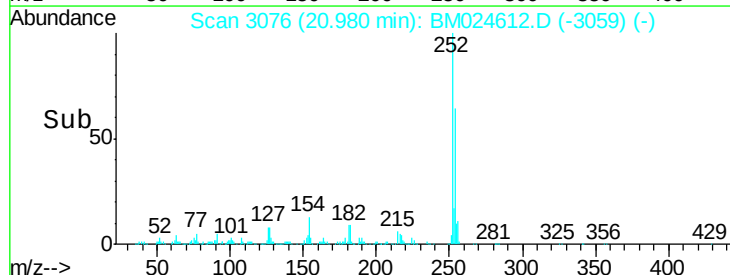
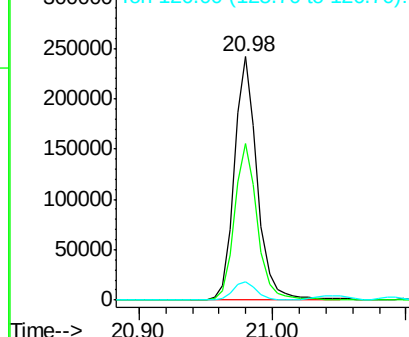


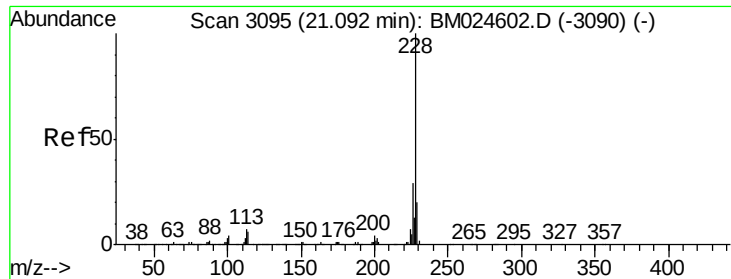
Abundance

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: 7.798 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

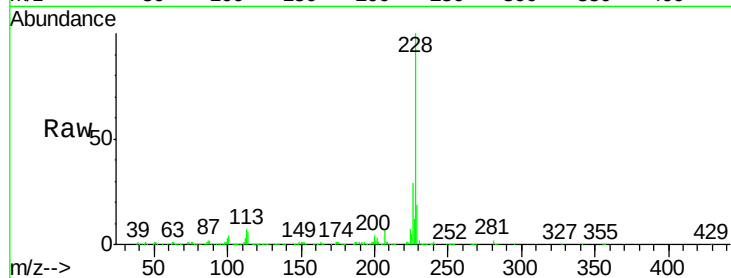
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 879920

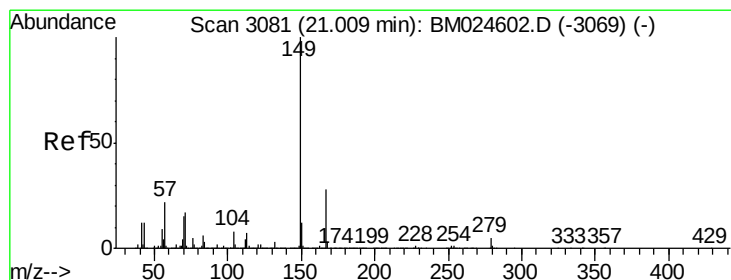
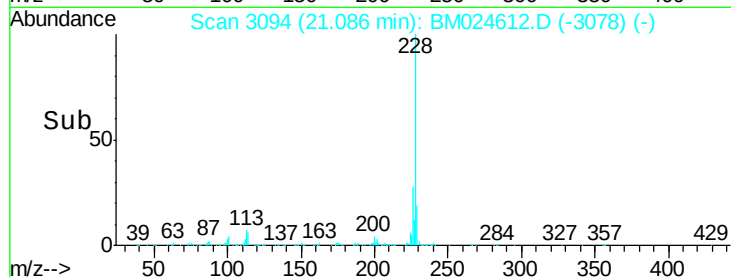
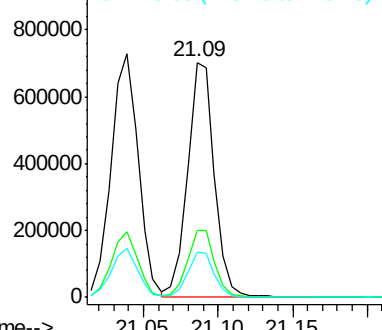
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.2	34.8
229	19.4	15.7	23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.747 ng

RT: 21.01 min Scan# 3081

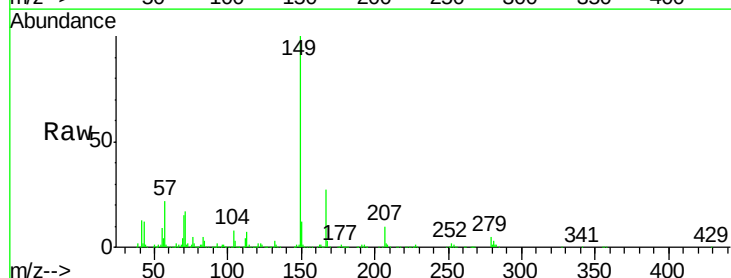
Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:149 Resp: 469195

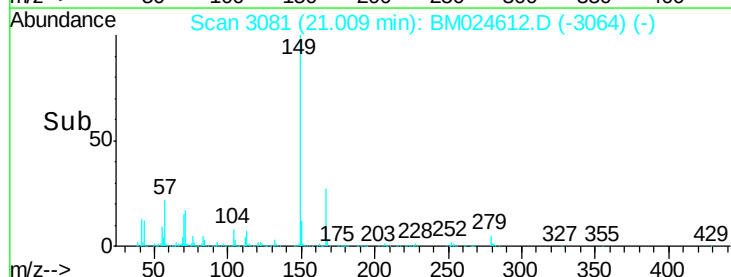
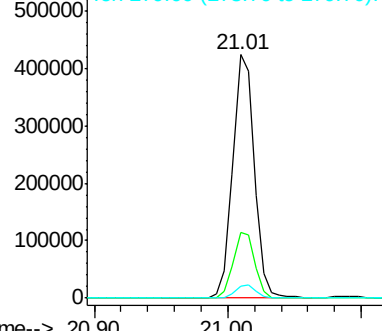
Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.5	33.7
279	5.0	4.0	6.0

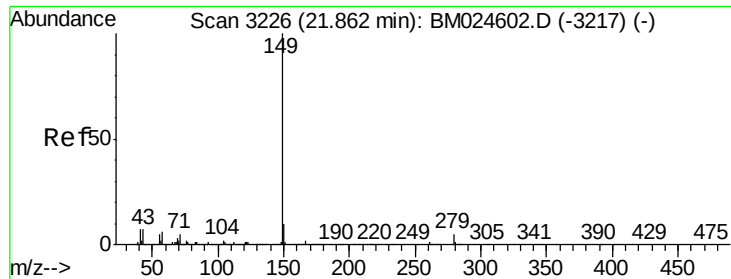


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

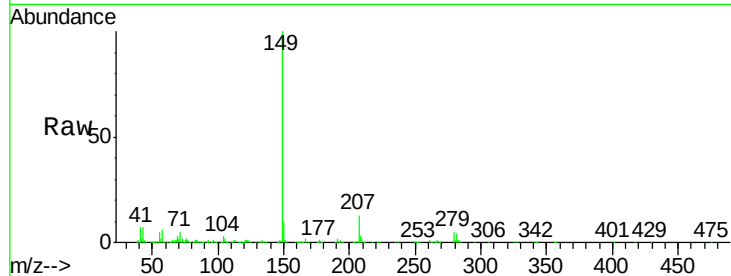




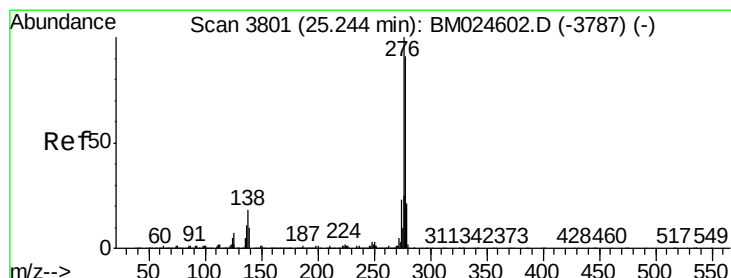
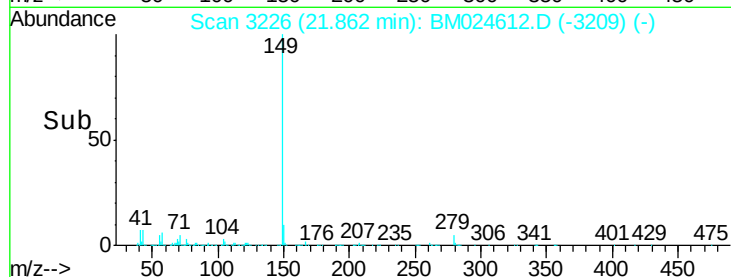
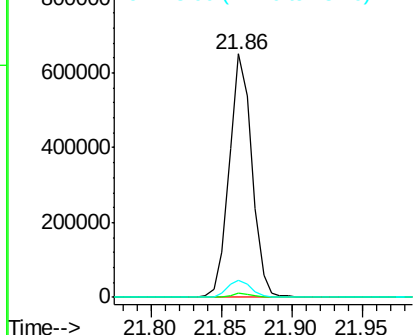
#85
Di-n-octyl phthalate
Concen: 6.291 ng
RT: 21.86 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.4	5.8	8.6

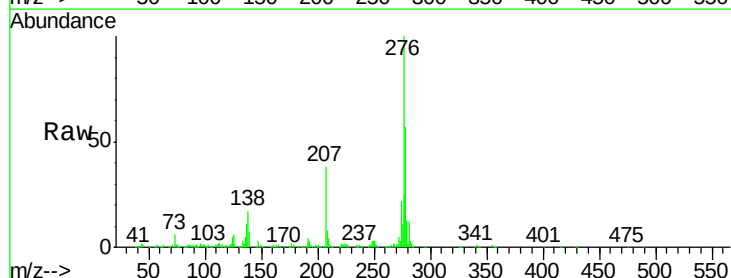


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

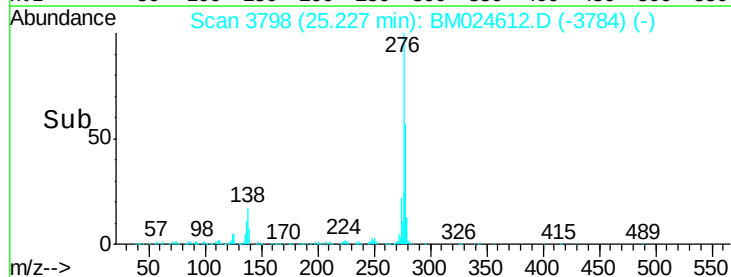
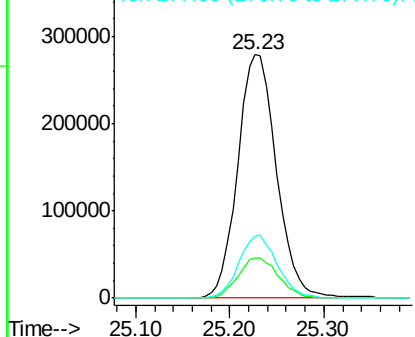


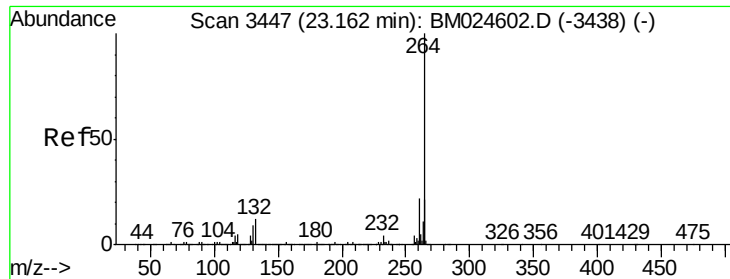
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.470 ng
RT: 25.23 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	13.4	20.0
277	25.6	19.6	29.4



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



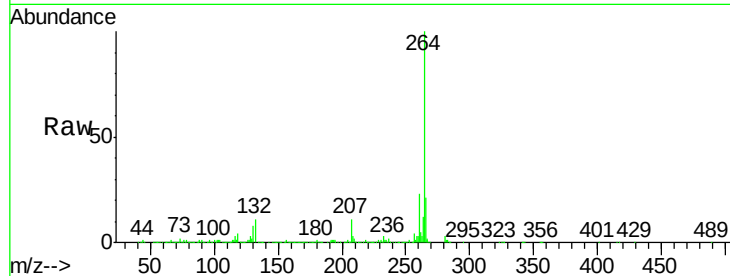


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.17 min Scan# 3448
Delta R.T. 0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

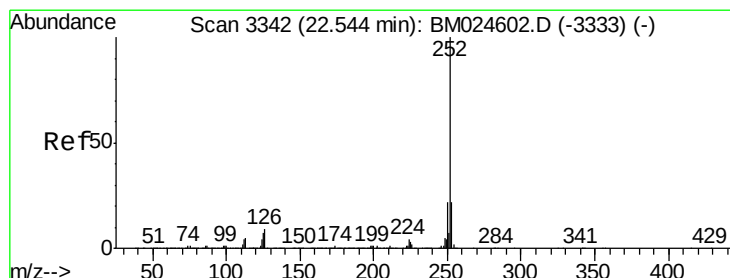
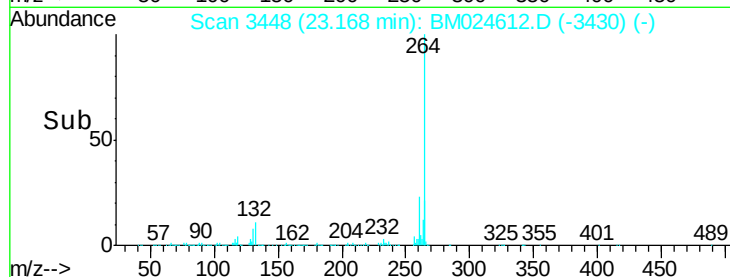
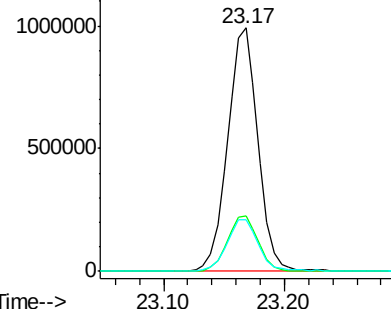
Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1730996

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.9	26.9
265	21.4	17.3	25.9



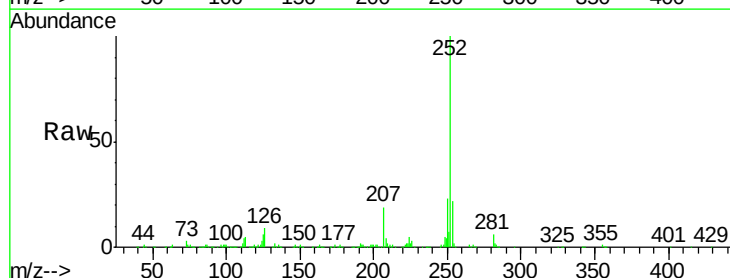
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



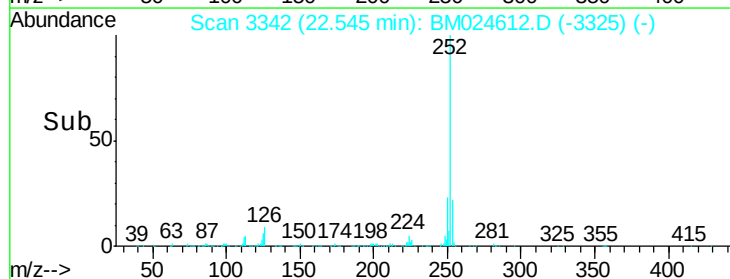
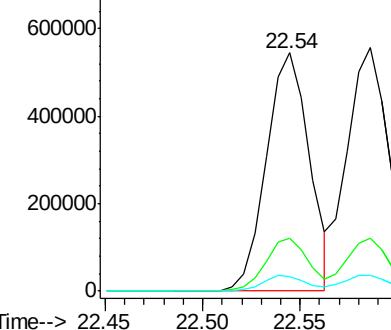
#88
Benzo(b)fluoranthene
Concen: 7.411 ng
RT: 22.54 min Scan# 3342
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

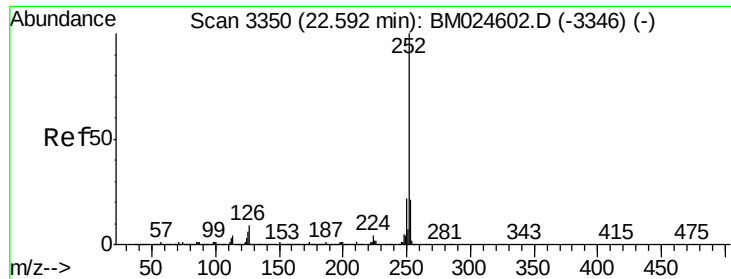
Tgt Ion:252 Resp: 832018

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.3	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: 7.697 ng

RT: 22.59 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

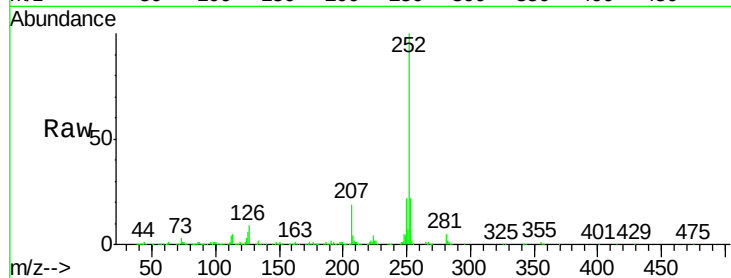
Tot Ion:252 Resp: 843509

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

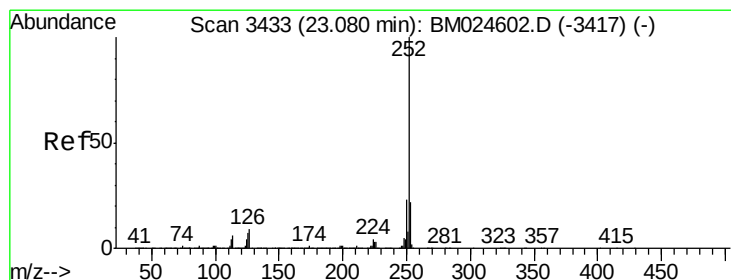
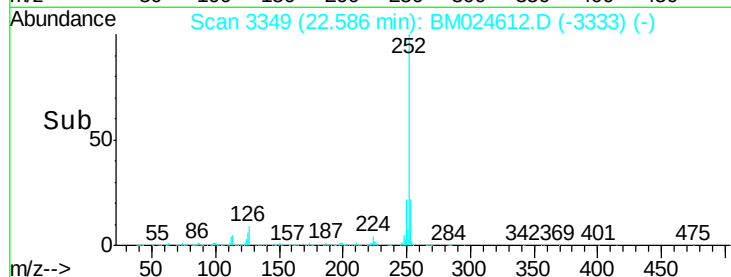
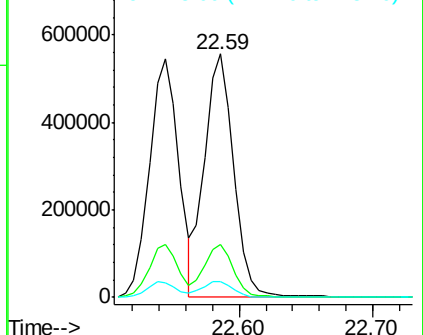
125 6.5 5.2 7.8



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: 7.278 ng

RT: 23.07 min Scan# 3432

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

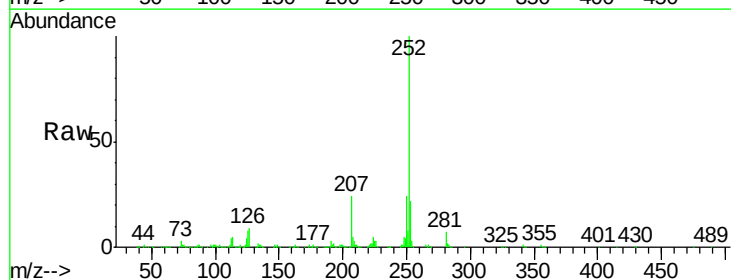
Tgt Ion:252 Resp: 742885

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

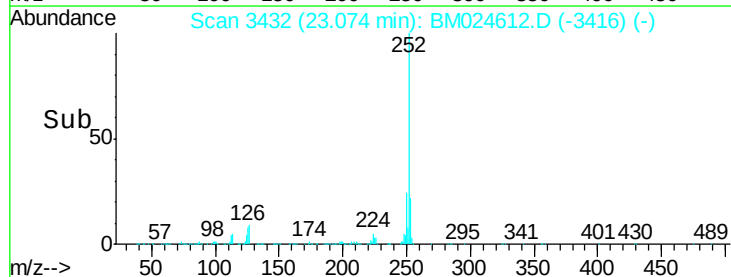
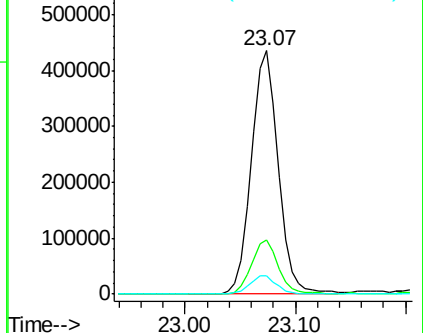
125 7.6 5.8 8.8

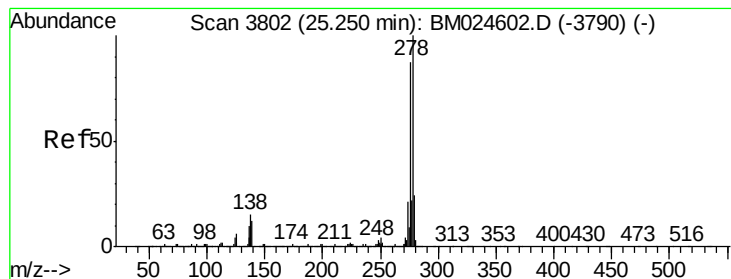


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 6.973 ng

RT: 25.24 min Scan# 3801

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

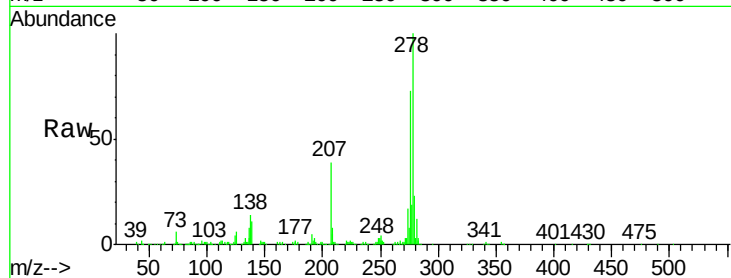
Tot Ion:278 Resp: 675563

Ion Ratio Lower Upper

278 100

139 11.3 9.3 13.9

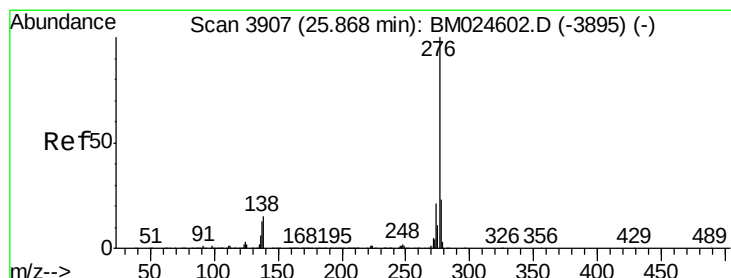
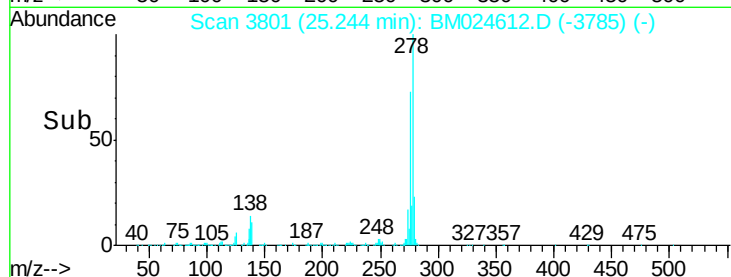
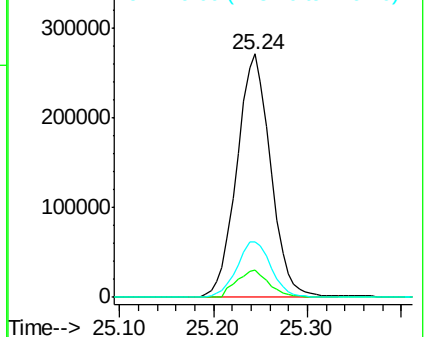
279 23.0 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 6.944 ng

RT: 25.85 min Scan# 3904

Delta R.T. -0.02 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

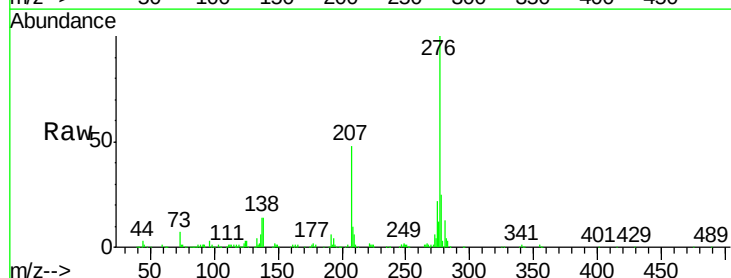
Tgt Ion:276 Resp: 610860

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 14.4 11.9 17.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

