

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
 Data File : BM024626.D
 Acq On : 27 Jan 2020 14:03
 Operator : CG/JU
 Sample : PB126361BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 28 05:34:38 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	293531	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1074588	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	701478	20.00	ng	0.00
64) Phenanthrene-d10	16.85	188	1417212	20.00	ng	0.00
76) Chrysene-d12	21.05	240	995541	20.00	ng	0.00
87) Perylene-d12	23.16	264	939474	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.09	112	2081109	134.83	ng	0.00
7) Phenol-d6	6.65	99	2511490	118.12	ng	0.00
23) Nitrobenzene-d5	8.59	82	1417379	64.69	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1341463	117.56	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3868945	74.98	ng	0.00
79) Terphenyl-d14	19.50	244	4869445	91.31	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	278348	45.589	ng	93
3) Pyridine	3.45	79	585864	33.101	ng	96
4) n-Nitrosodimethylamine	3.37	42	272848	34.730	ng	85
6) Aniline	6.79	93	928618	35.876	ng	97
8) 2-Chlorophenol	7.02	128	782298	44.523	ng	92
9) Benzaldehyde	6.60	77	356032	28.339	ng	92
10) Phenol	6.68	94	881853	41.607	ng	95
11) bis(2-Chloroethyl)ether	6.89	93	661072	38.961	ng	94
12) 1,3-Dichlorobenzene	7.34	146	902668	41.818	ng	96
13) 1,4-Dichlorobenzene	7.48	146	918394	41.939	ng	98
14) 1,2-Dichlorobenzene	7.79	146	866872	41.011	ng	97
15) Benzyl Alcohol	7.69	79	643549	36.710	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.98	45	486931	31.348	ng	98
17) 2-Methylphenol	7.90	107	618455	41.408	ng	96
18) Hexachloroethane	8.51	117	324410	38.364	ng	94
19) n-Nitroso-di-n-propylamine	8.26	70	508815	31.872	ng	95
20) 3+4-Methylphenols	8.23	107	820967	39.708	ng	97
22) Acetophenone	8.26	105	1051700	37.956	ng	97
24) Nitrobenzene	8.63	77	810250	38.587	ng	96
25) Isophorone	9.16	82	1386792	37.248	ng	96
26) 2-Nitrophenol	9.33	139	435689	44.810	ng	94
27) 2,4-Dimethylphenol	9.41	122	688675	52.122	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	874301	38.441	ng	98
29) 2,4-Dichlorophenol	9.86	162	835711	46.816	ng	97
30) 1,2,4-Trichlorobenzene	10.08	180	949883	44.121	ng	99
31) Naphthalene	10.25	128	2291047	42.212	ng	100
32) Benzoic acid	9.58	122	410172	33.937	ng	96
33) 4-Chloroaniline	10.37	127	450462	18.935	ng	97
34) Hexachlorobutadiene	10.56	225	641487	43.103	ng	99
35) Caprolactam	11.15	113	98973	17.282	ng	87
36) 4-Chloro-3-methylphenol	11.51	107	732999	38.617	ng	92
37) 2-Methylnaphthalene	11.88	142	1759238	42.002	ng	99
38) 1-Methylnaphthalene	12.10	142	1659030	41.640	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1097699	43.845	ng	100

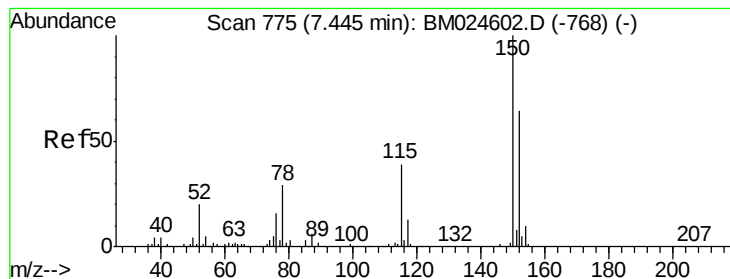
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1729700	123.260	ng	98
43) 2,4,6-Trichlorophenol	12.51	196	711368	44.651	ng	99
44) 2,4,5-Trichlorophenol	12.58	196	750027	46.097	ng	96
46) 1,1'-Biphenyl	12.92	154	2284445	43.033	ng	99
47) 2-Chloronaphthalene	12.95	162	1832159	42.751	ng	97
48) 2-Nitroaniline	13.16	65	412313	31.544	ng	86
49) Acenaphthylene	13.81	152	2789350	43.477	ng	99
50) Dimethylphthalate	13.57	163	2196109	38.716	ng	99
51) 2,6-Dinitrotoluene	13.67	165	499961	41.457	ng #	84
52) Acenaphthene	14.16	154	1642608	41.260	ng	100
53) 3-Nitroaniline	14.00	138	352345	28.169	ng	93
54) 2,4-Dinitrophenol	14.21	184	559597	77.596	ng #	89
55) Dibenzofuran	14.50	168	2722426	41.931	ng	97
56) 4-Nitrophenol	14.33	139	749156	76.621	ng	87
57) 2,4-Dinitrotoluene	14.47	165	656119	37.961	ng #	88
58) Fluorene	15.15	166	2139696	39.215	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	678691	41.133	ng #	95
60) Diethylphthalate	14.95	149	2075755	36.046	ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	1238029	39.356	ng	98
62) 4-Nitroaniline	15.17	138	419861	30.410	ng	92
63) Azobenzene	15.45	77	1674585	34.091	ng	93
65) 4,6-Dinitro-2-methylphenol	15.24	198	374871	44.987	ng	87
66) n-Nitrosodiphenylamine	15.37	169	1865956	45.836	ng	100
67) 4-Bromophenyl-phenylether	16.05	248	795186	45.119	ng	97
68) Hexachlorobenzene	16.16	284	914307	45.208	ng	96
69) Atrazine	16.34	200	689339	44.114	ng	99
70) Pentachlorophenol	16.50	266	1083368	87.942	ng	99
71) Phenanthrene	16.89	178	3216806	41.916	ng	99
72) Anthracene	16.97	178	3270060	43.547	ng	100
73) Carbazole	17.25	167	2636505	38.568	ng	100
74) Di-n-butylphthalate	17.85	149	3083251	35.281	ng	99
75) Fluoranthene	18.91	202	3480522	36.337	ng	98
77) Benzidine	19.11	184	1978635	85.342	ng	100
78) Pyrene	19.27	202	3448985	52.552	ng	99
80) Butylbenzylphthalate	20.22	149	1067128	38.750	ng	92
81) Benzo(a)anthracene	21.04	228	2887278	41.786	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	811732	32.658	ng	100
83) Chrysene	21.09	228	2792972	42.361	ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1469877	36.173	ng	98
85) Di-n-octyl phthalate	21.86	149	2214494	32.987	ng #	96
86) Indeno(1,2,3-cd)pyrene	25.24	276	2825989	39.325	ng	99
88) Benzo(b)fluoranthene	22.54	252	2679941	43.982	ng	99
89) Benzo(k)fluoranthene	22.59	252	2478025	41.665	ng	100
90) Benzo(a)pyrene	23.07	252	2286040	41.266	ng	100
91) Dibenzo(a,h)anthracene	25.25	278	2399018	45.626	ng	98
92) Benzo(g,h,i)perylene	25.86	276	2395817	50.181	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.45 min Scan# 775

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

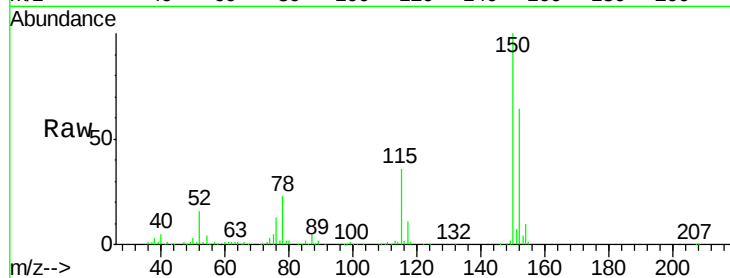
Tot Ion:152 Resp: 293531

Ion Ratio Lower Upper

152 100

150 156.6 124.2 186.4

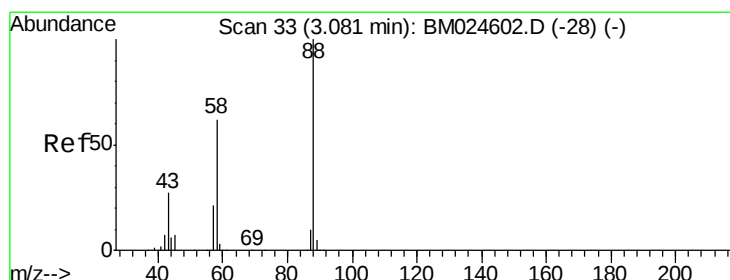
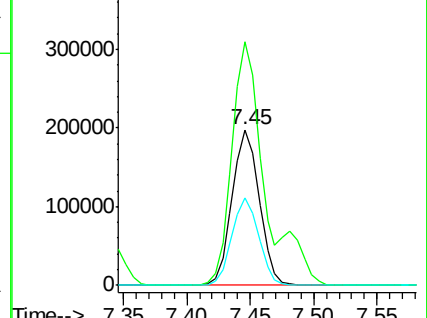
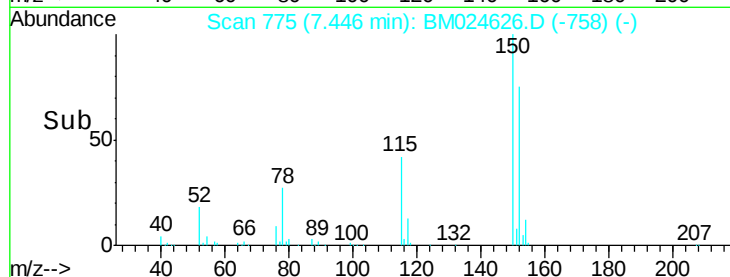
115 56.3 48.6 72.8



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: 45.589 ng

RT: 3.09 min Scan# 34

Delta R.T. 0.01 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

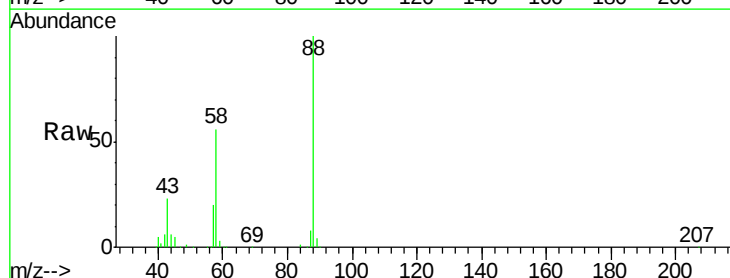
Tgt Ion: 88 Resp: 278348

Ion Ratio Lower Upper

88 100

58 56.9 50.0 75.0

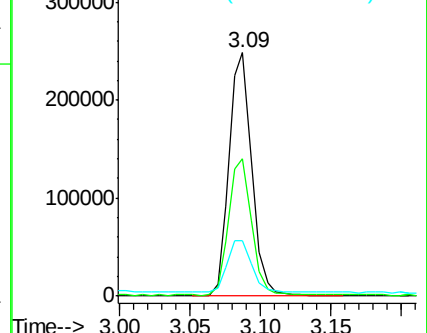
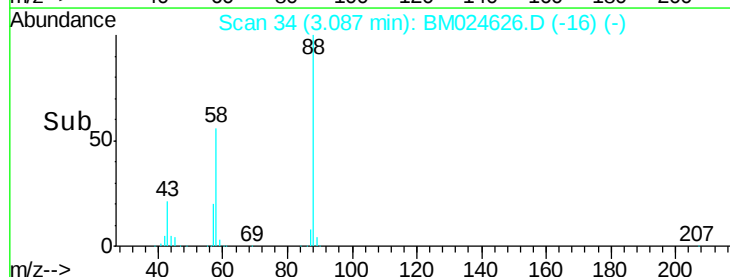
43 22.9 21.6 32.4

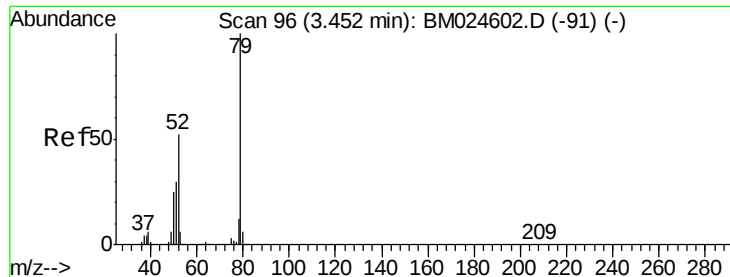


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 33.101 ng

RT: 3.45 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

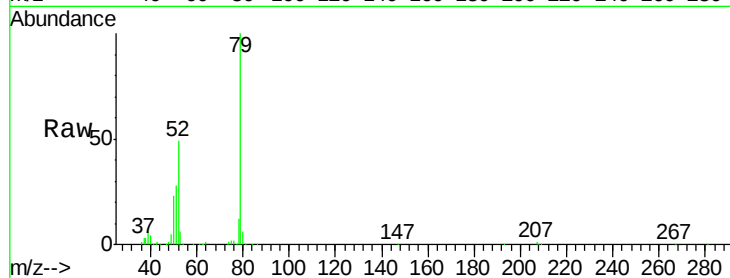
Tot Ion: 79 Resp: 585864

Ion Ratio Lower Upper

79 100

52 48.9 41.4 62.2

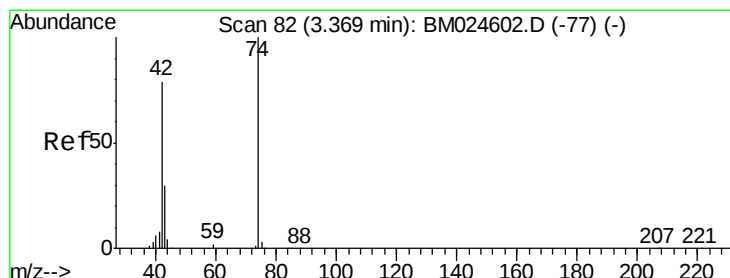
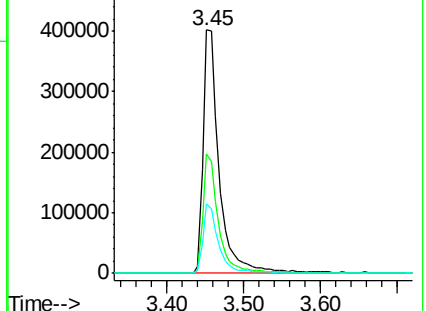
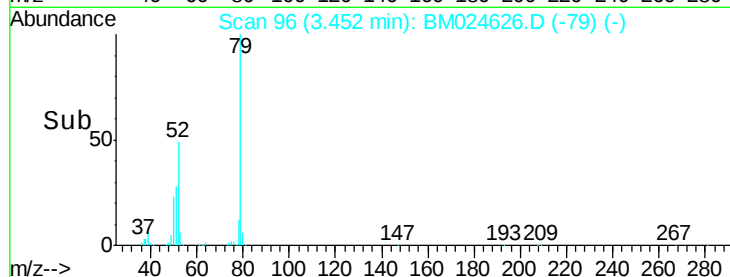
51 28.4 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024626.D (-91) (-)

Ion 52.00 (51.70 to 52.70): BM024626.D (-91) (-)

Ion 51.00 (50.70 to 51.70): BM024626.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 34.730 ng

RT: 3.37 min Scan# 82

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

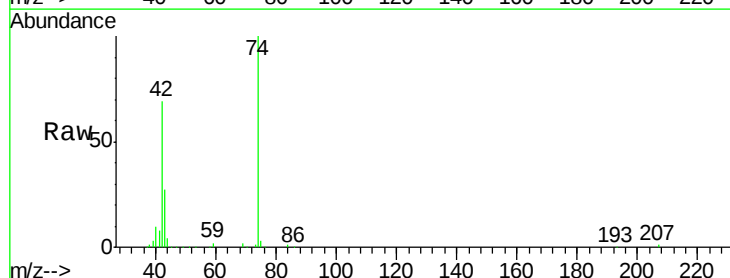
Tgt Ion: 42 Resp: 272848

Ion Ratio Lower Upper

42 100

74 145.1 101.4 152.2

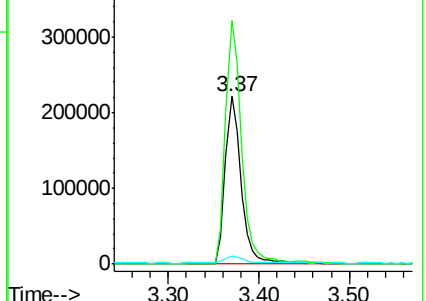
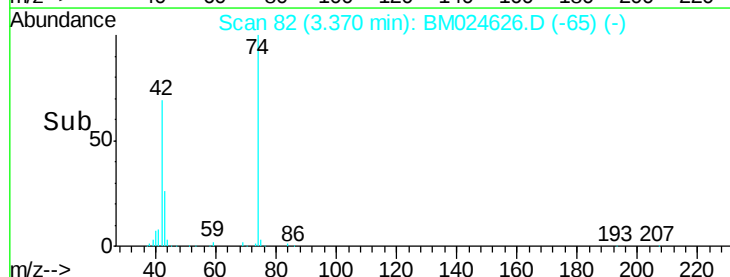
44 5.1 4.6 6.8

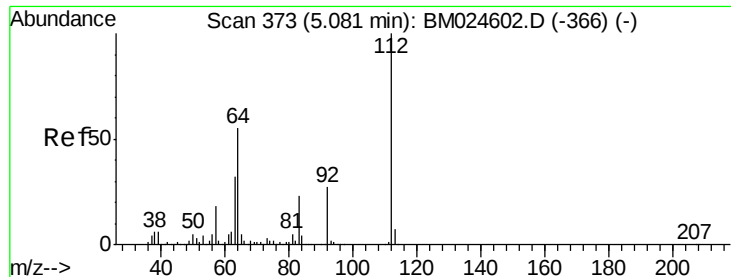


Abundance Ion 42.00 (41.70 to 42.70): BM024626.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM024626.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM024626.D (-77) (-)





#5

2-Fluorophenol

Concen: 134.833 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

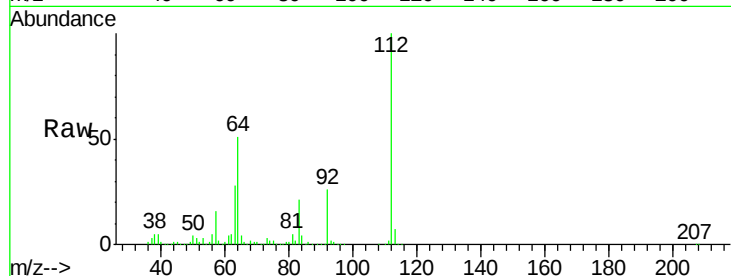
Tot Ion:112 Resp: 2081109

Ion Ratio Lower Upper

112 100

64 50.7 44.2 66.4

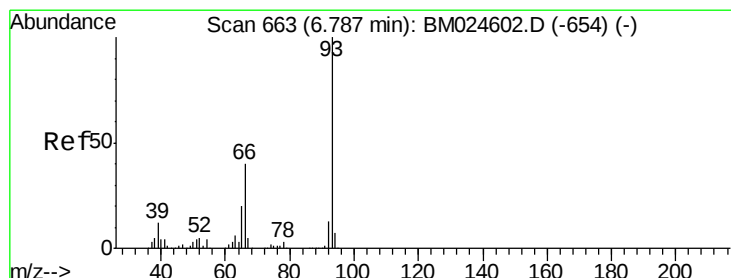
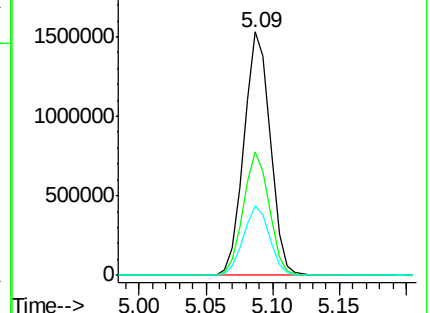
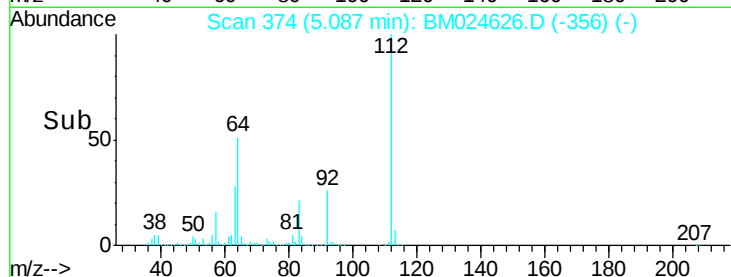
63 28.5 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 35.876 ng

RT: 6.79 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

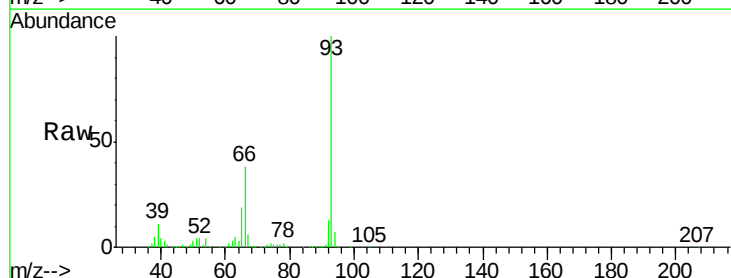
Tgt Ion: 93 Resp: 928618

Ion Ratio Lower Upper

93 100

66 37.6 31.8 47.8

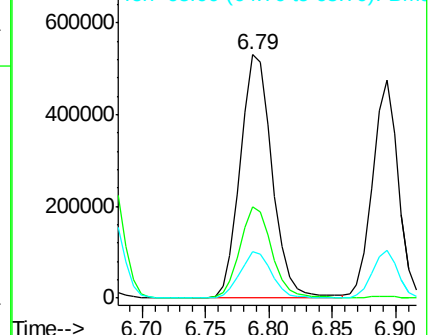
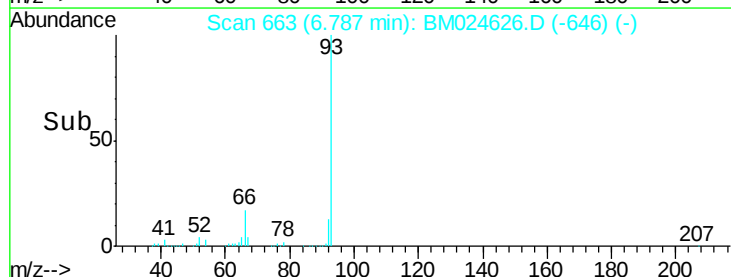
65 18.9 15.8 23.6

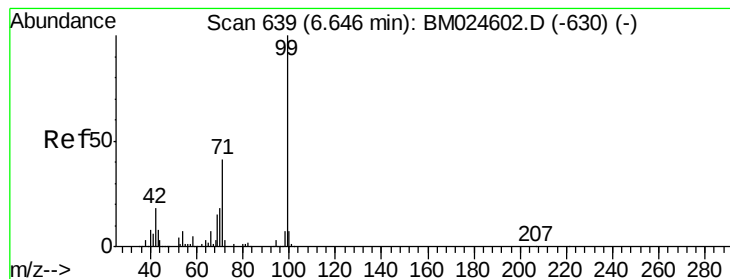


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 118.119 ng

RT: 6.65 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

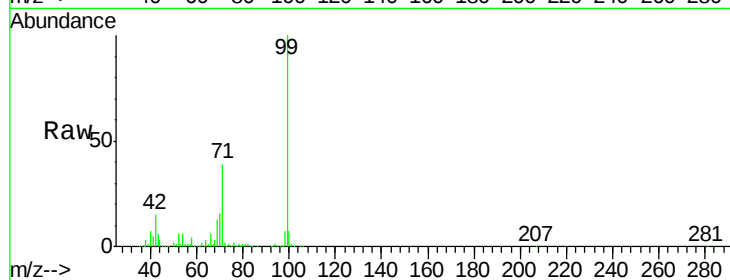
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2511490

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.1	21.1
71	39.3	33.0	49.6

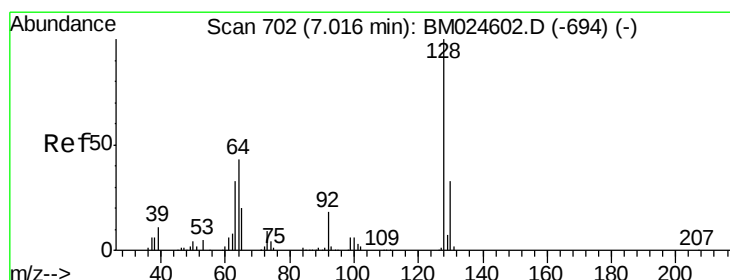
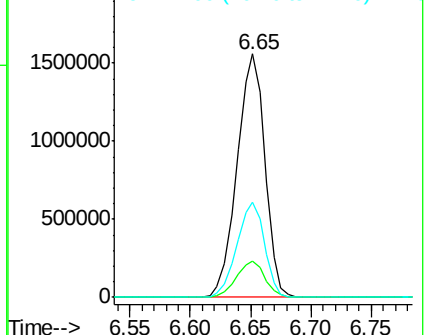
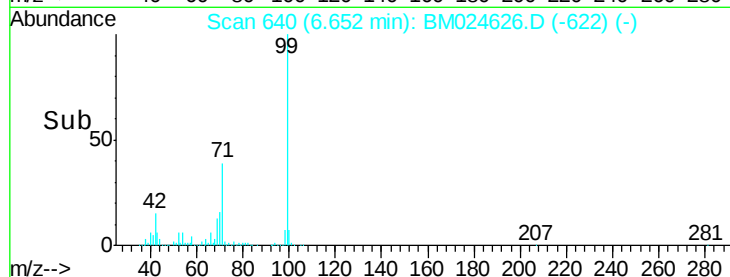


Abundance

Ion 99.00 (98.70 to 99.70): BM024626.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024626.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024626.D (-622) (-)



#8

2-Chlorophenol

Concen: 44.523 ng

RT: 7.02 min Scan# 703

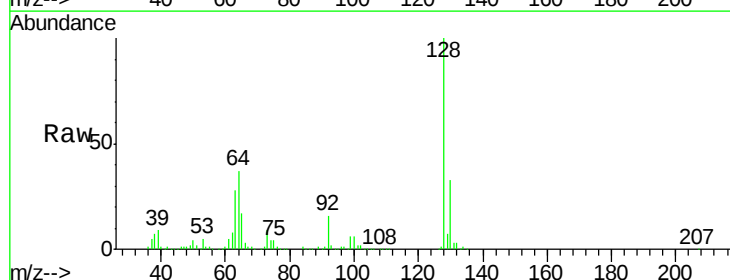
Delta R.T. 0.01 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Tgt Ion: 128 Resp: 782298

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	36.8	26.1	66.1

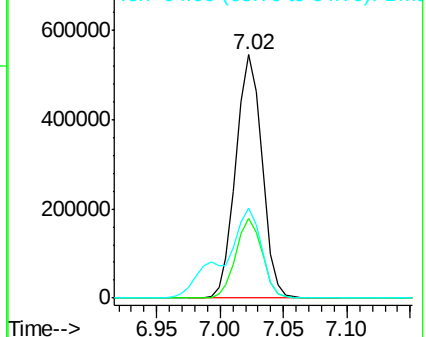
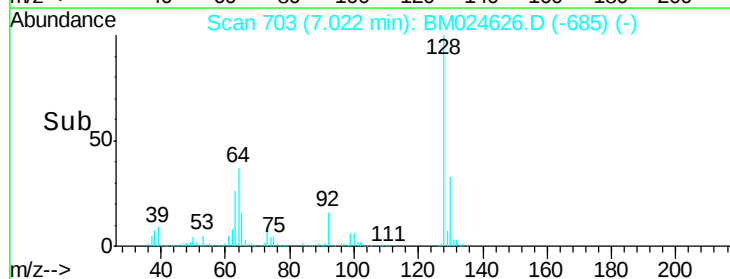


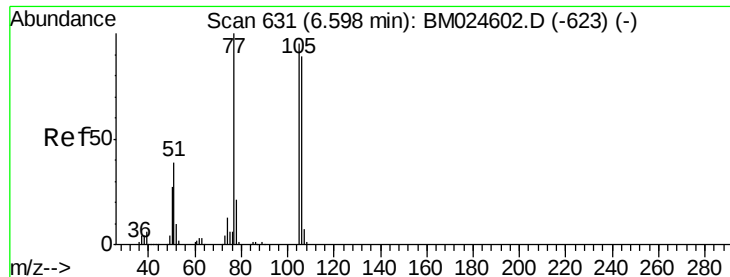
Abundance

Ion 128.00 (127.70 to 128.70): BM024626.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024626.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024626.D (-685) (-)





#9

Benzaldehyde

Concen: 28.339 ng

RT: 6.60 min Scan# 631

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

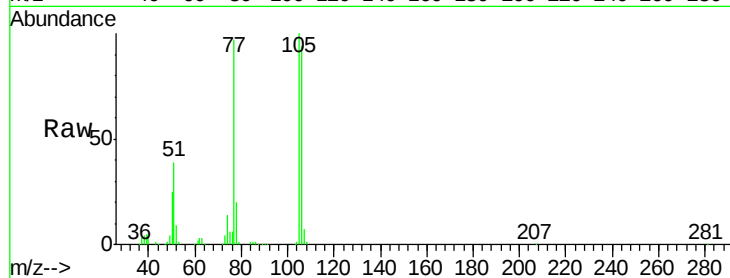
Tot Ion: 77 Resp: 356032

Ion Ratio Lower Upper

77 100

105 102.7 75.2 115.2

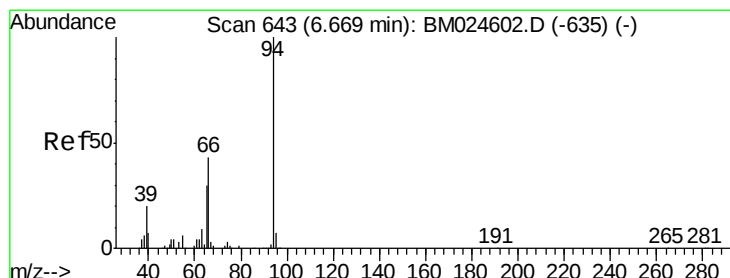
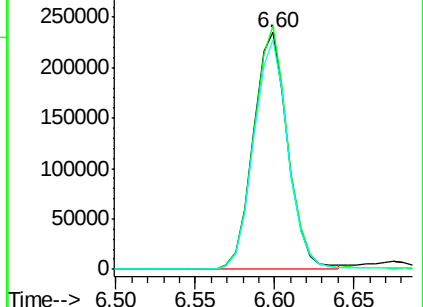
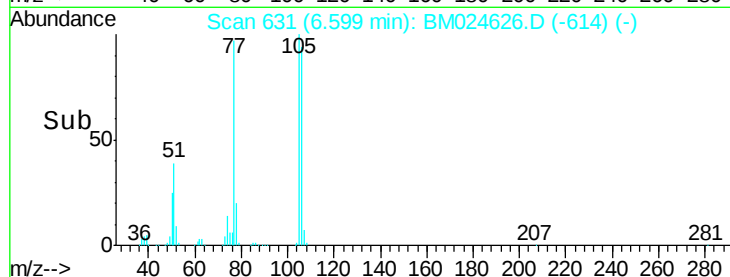
106 97.0 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BM024626.D (-614) (-)

Ion 105.00 (104.70 to 105.70): BM024626.D (-614) (-)

Ion 106.00 (105.70 to 106.70): BM024626.D (-614) (-)



#10

Phenol

Concen: 41.607 ng

RT: 6.68 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

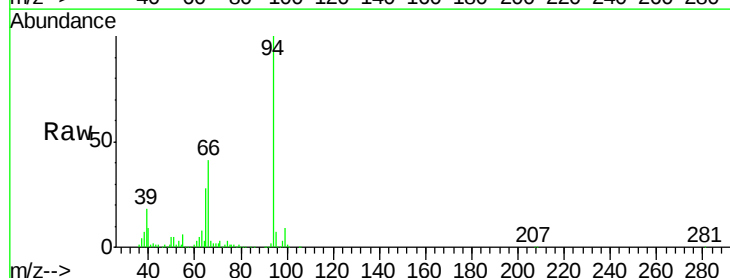
Tgt Ion: 94 Resp: 881853

Ion Ratio Lower Upper

94 100

65 27.6 10.3 50.3

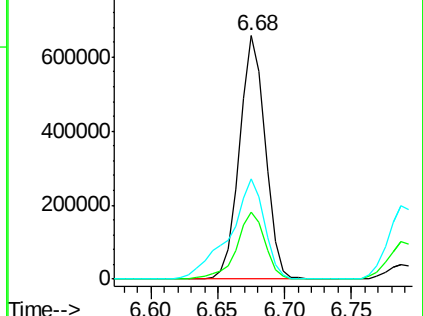
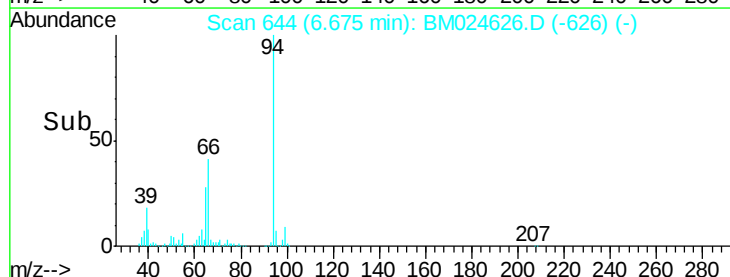
66 41.1 24.8 64.8

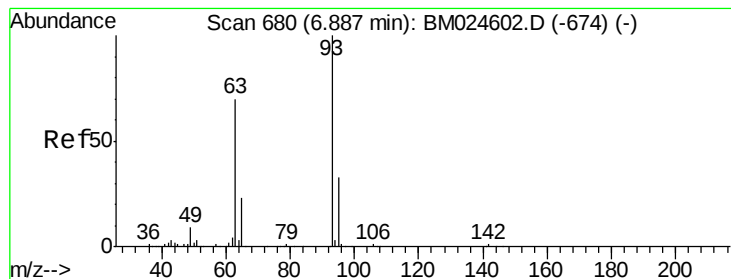


Abundance Ion 94.00 (93.70 to 94.70): BM024626.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM024626.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM024626.D (-626) (-)

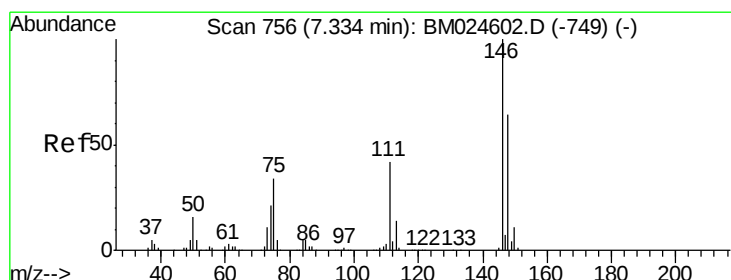
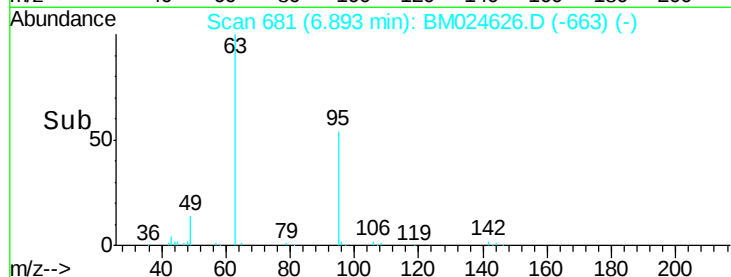
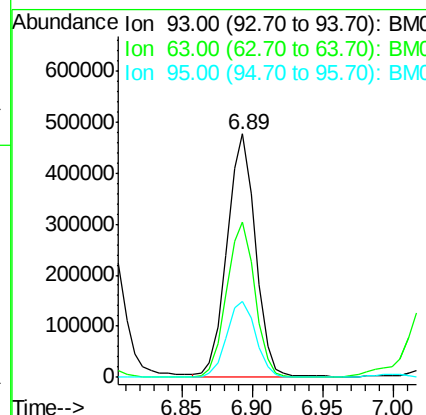
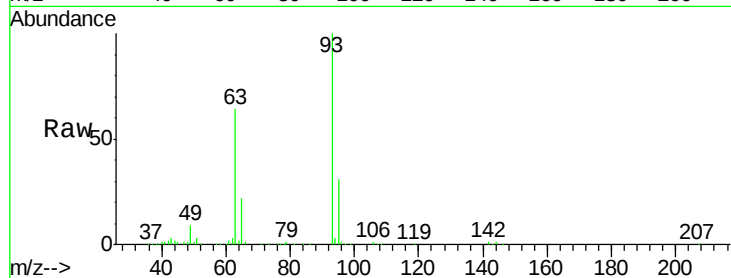




#11
bis(2-Chloroethyl)ether
Concen: 38.961 ng
RT: 6.89 min Scan# 681
Delta R.T. 0.01 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

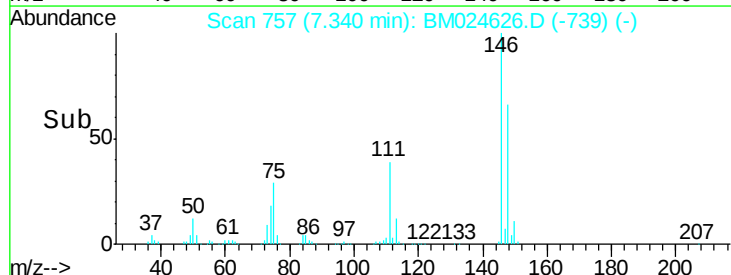
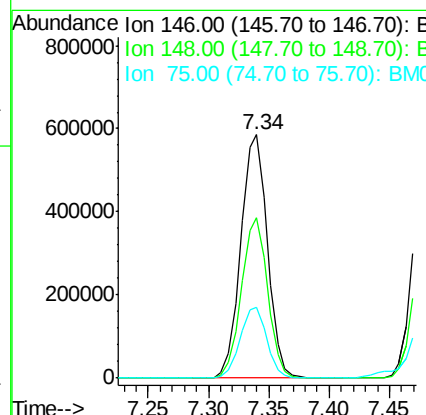
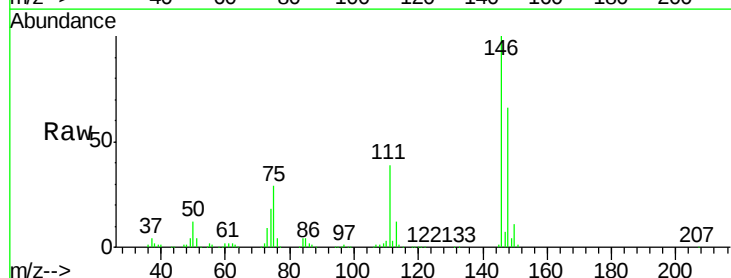
Instrument :
BNA_M
ClientSampleId :

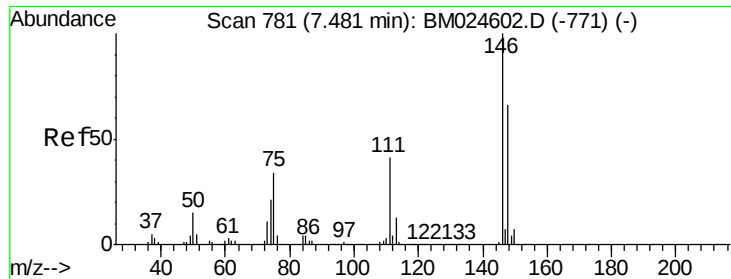
Tot Ion: 93 Resp: 661072
Ion Ratio Lower Upper
93 100
63 63.7 49.6 89.6
95 31.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.818 ng
RT: 7.34 min Scan# 757
Delta R.T. 0.01 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Tgt Ion: 146 Resp: 902668
Ion Ratio Lower Upper
146 100
148 65.7 51.0 76.6
75 29.1 27.0 40.4

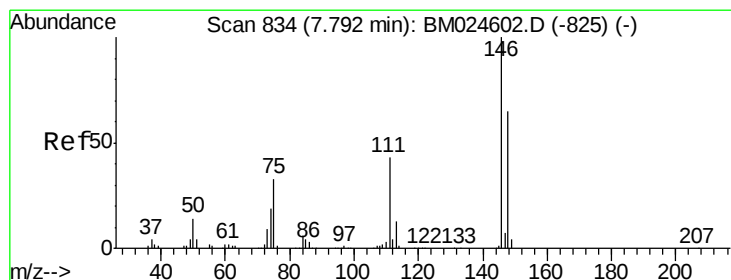
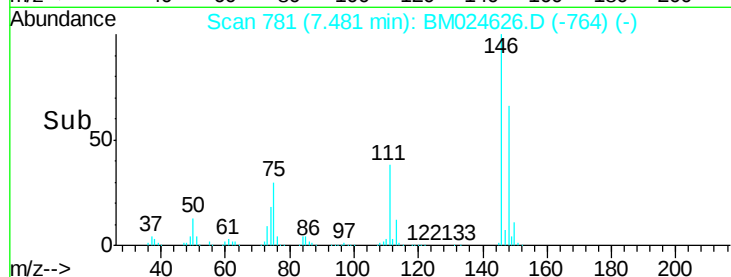
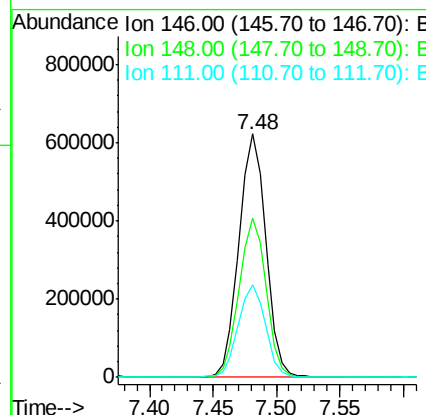
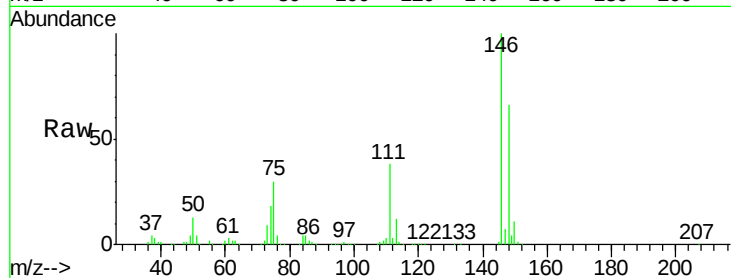




#13
 1,4-Dichlorobenzene
 Concen: 41.939 ng
 RT: 7.48 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BM024626.D
 Acq: 27 Jan 2020 14:03

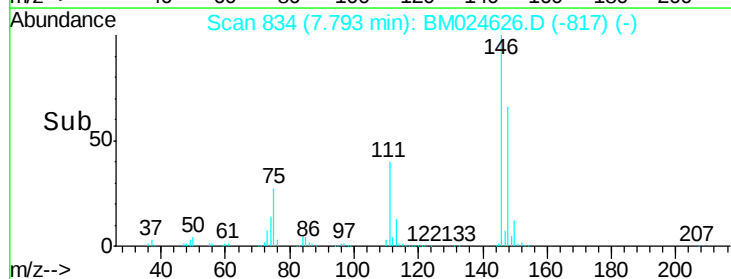
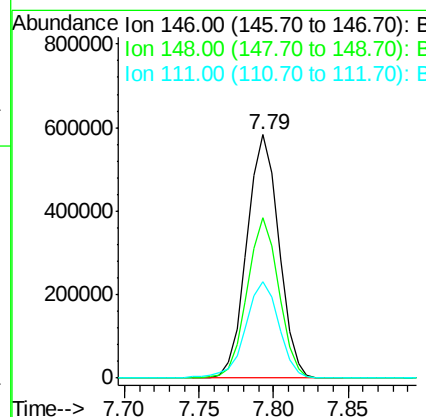
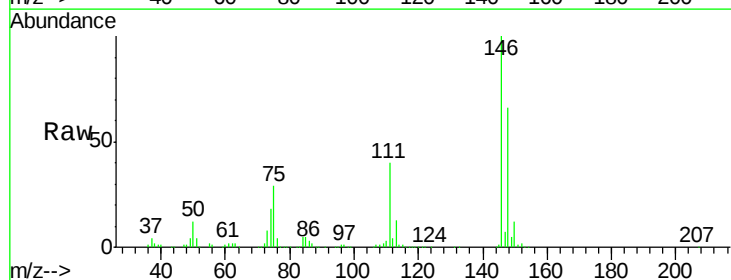
Instrument :
 BNA_M
 ClientSampleId :

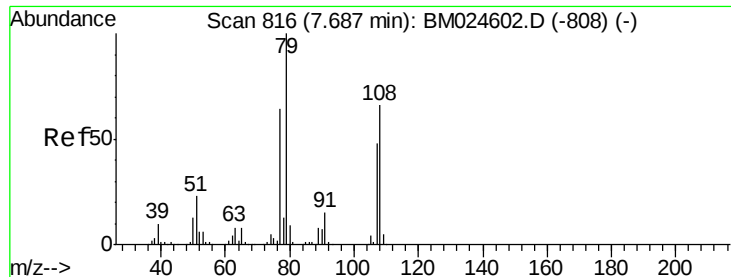
Tot Ion:146 Resp: 918394
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.5 78.7
 111 37.8 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 41.011 ng
 RT: 7.79 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BM024626.D
 Acq: 27 Jan 2020 14:03

Tgt Ion:146 Resp: 866872
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.9 77.9
 111 39.8 34.5 51.7





#15

Benzyl Alcohol

Concen: 36.710 ng

RT: 7.69 min Scan# 817

Delta R.T. 0.01 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

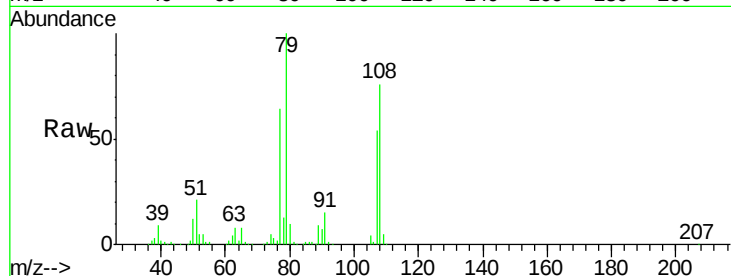
Tot Ion: 79 Resp: 643549

Ion Ratio Lower Upper

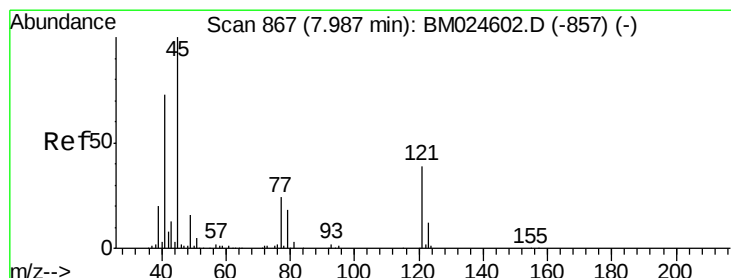
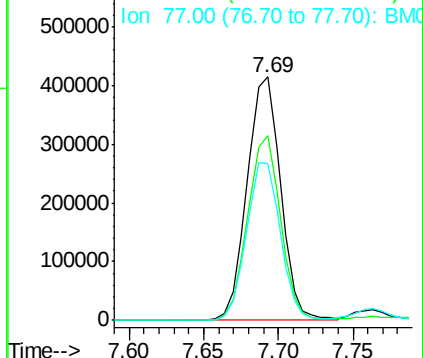
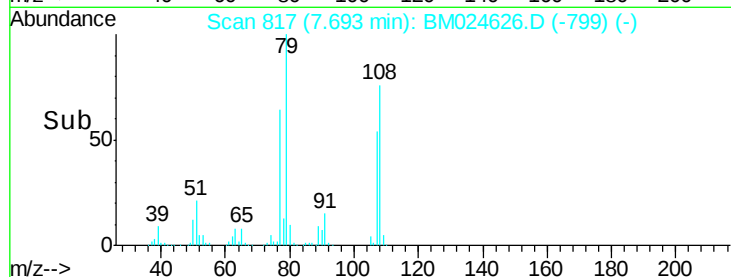
79 100

108 75.9 53.0 79.4

77 64.2 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024626.D (-799) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.348 ng

RT: 7.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

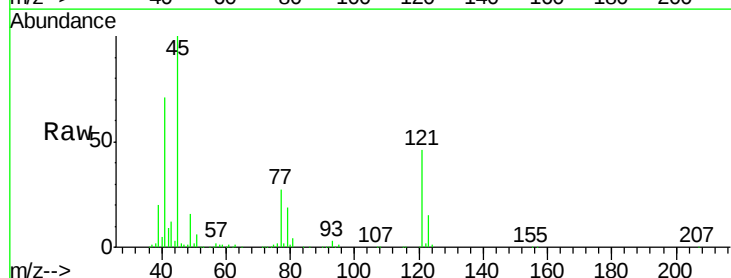
Tgt Ion: 45 Resp: 486931

Ion Ratio Lower Upper

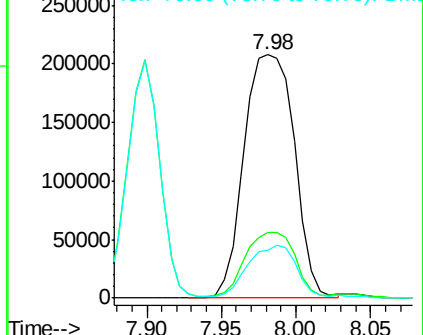
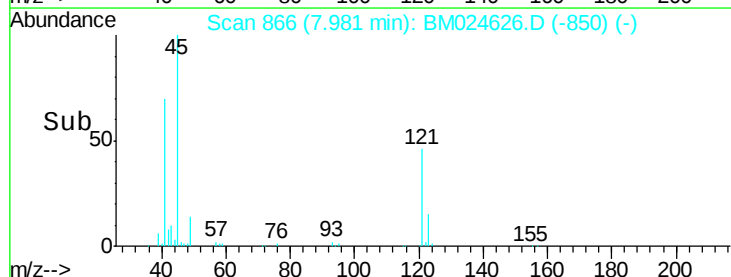
45 100

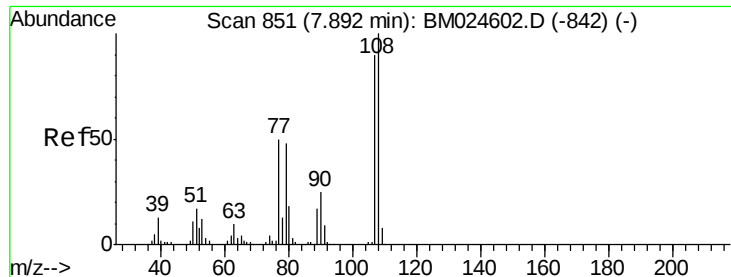
77 27.0 5.2 45.2

79 19.4 0.0 39.4



Abundance Ion 45.00 (44.70 to 45.70): BM024626.D (-850) (-)

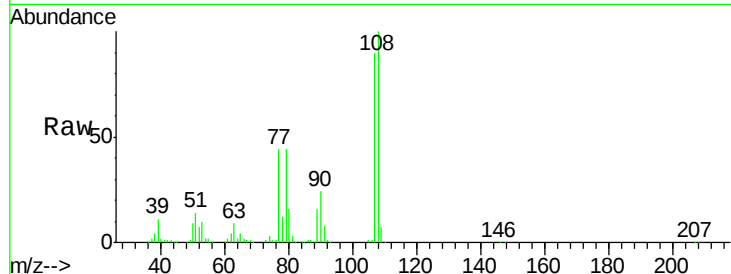




#17
2-Methylphenol
Concen: 41.408 ng
RT: 7.90 min Scan# 852
Delta R.T. 0.01 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	88.9	133.3
77	48.9	44.5	66.7
79	48.7	42.9	64.3



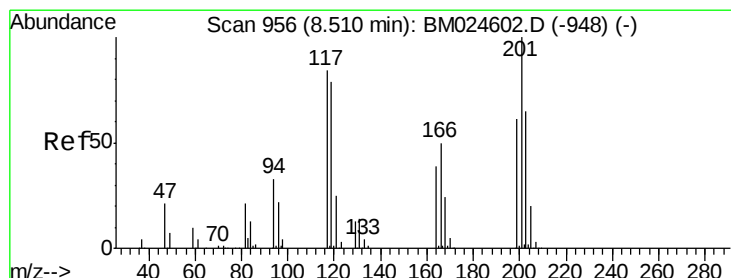
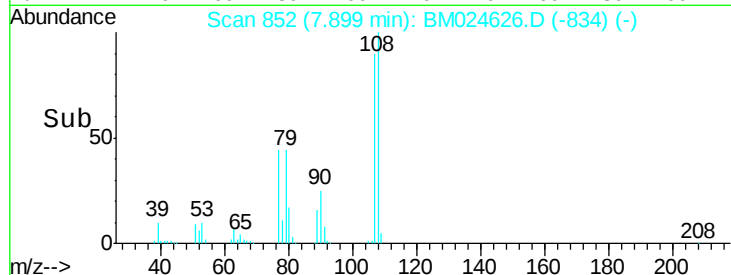
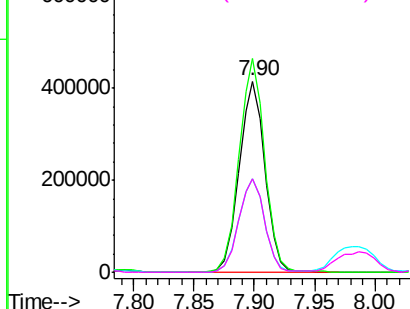
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

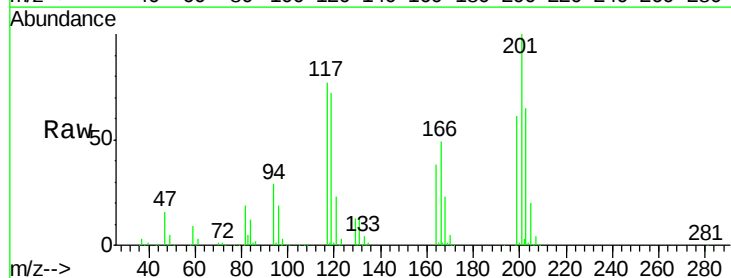
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 38.364 ng
RT: 8.51 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.4	113.2
201	129.7	95.8	143.6

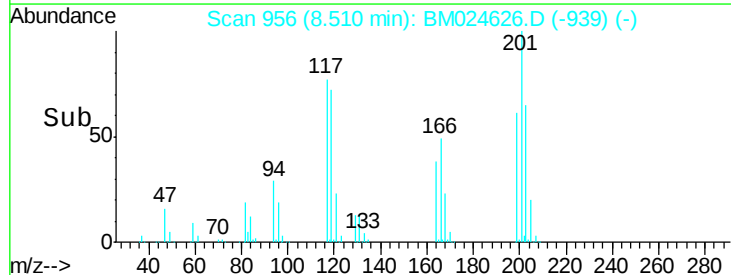
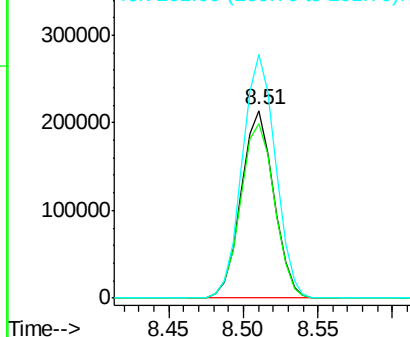


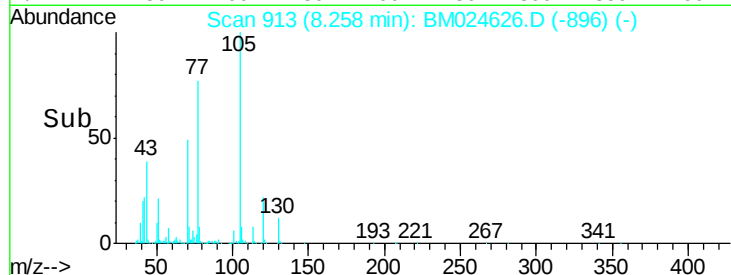
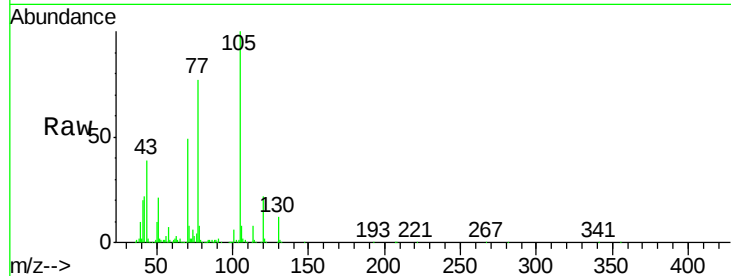
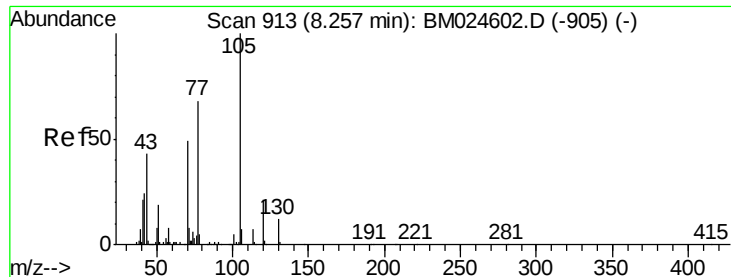
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

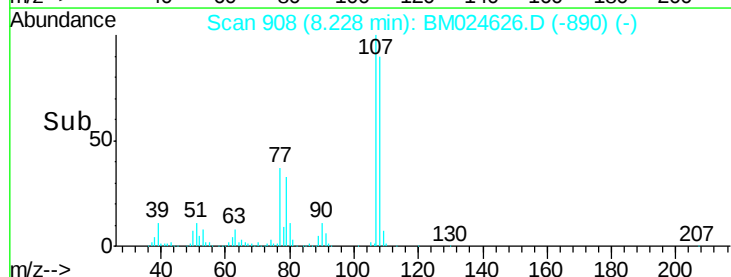
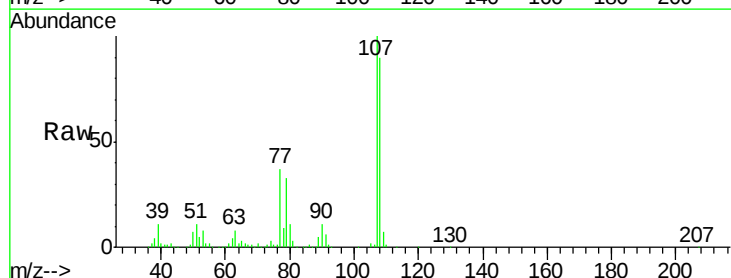
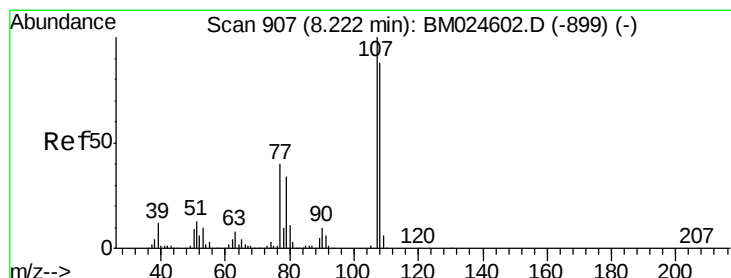
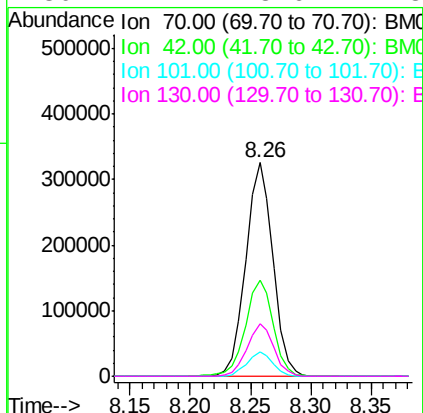




#19
n-Nitroso-di-n-propylamine
Concen: 31.872 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

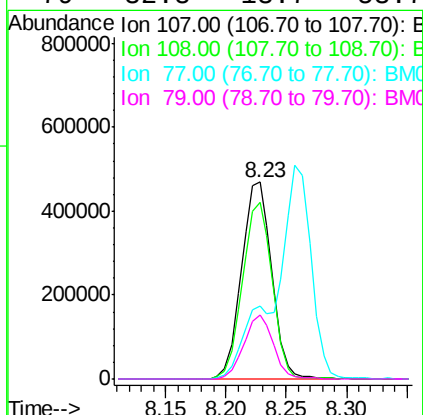
Instrument :
BNA_M
ClientSampled :

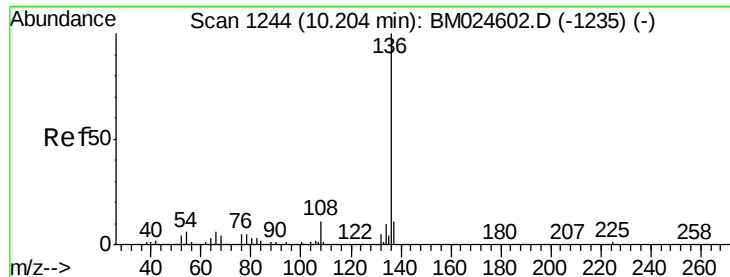
Tot Ion:	70	Resp:	508815
Ion	Ratio	Lower	Upper
70	100		
42	45.0	40.0	60.0
101	11.4	8.2	12.2
130	24.4	18.6	27.8



#20
3+4-Methylphenols
Concen: 39.708 ng
RT: 8.23 min Scan# 908
Delta R.T. 0.01 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Tgt Ion:	107	Resp:	820967
Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.0	108.0
77	37.2	19.9	59.9
79	32.8	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: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1074588

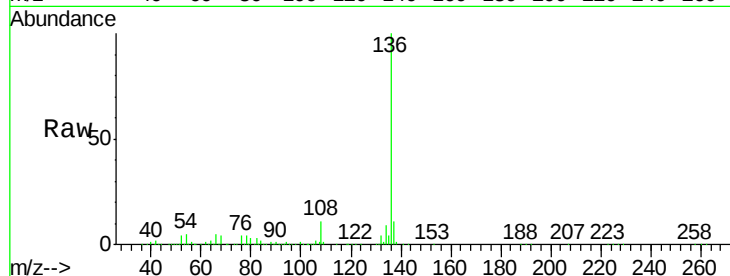
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 4.7 4.5 6.7

68 4.4 3.4 5.0

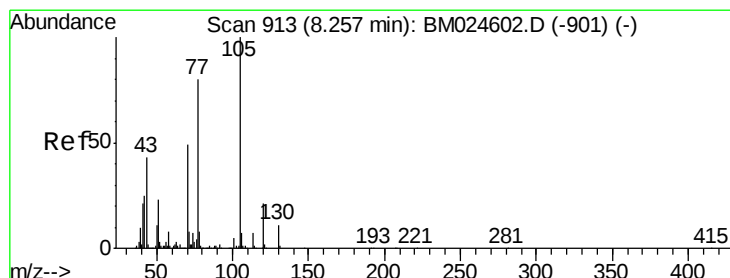
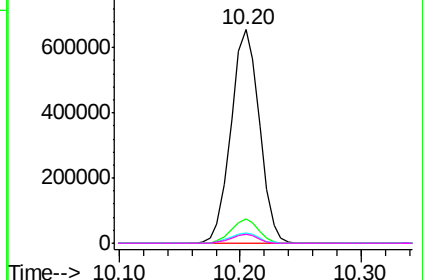
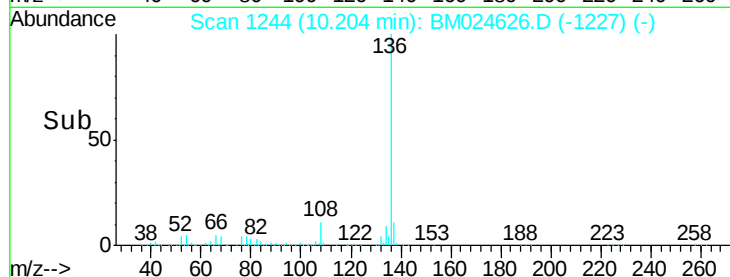


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 37.956 ng

RT: 8.26 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Tgt Ion:105 Resp: 1051700

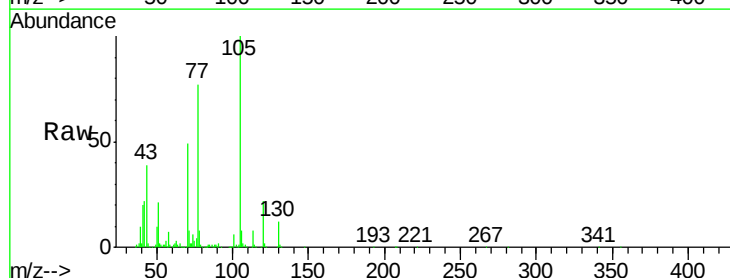
Ion Ratio Lower Upper

105 100

71 8.5 6.7 10.1

51 20.7 18.5 27.7

120 21.6 16.6 25.0

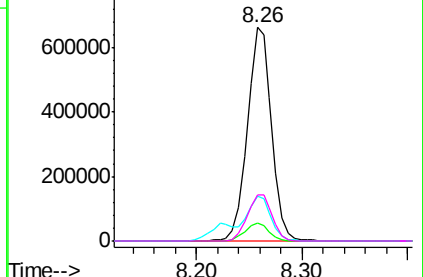
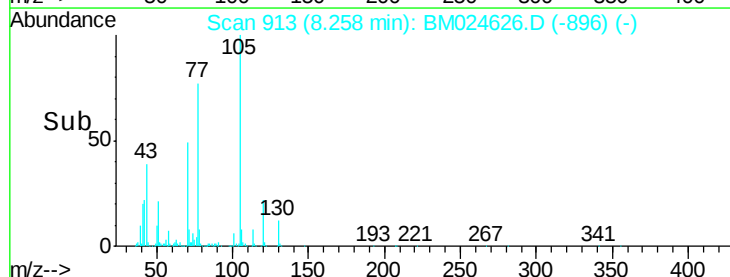


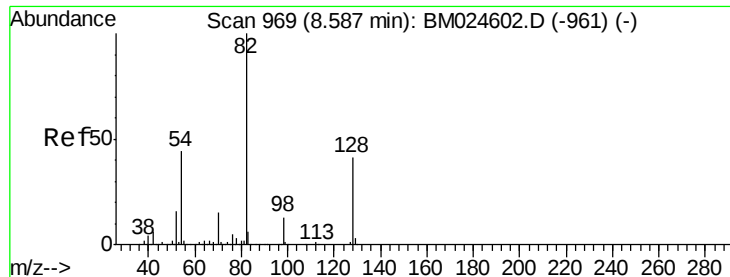
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



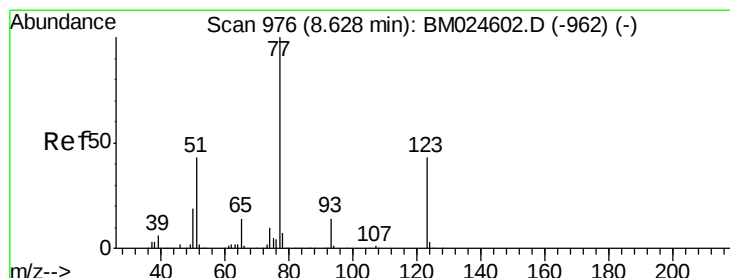
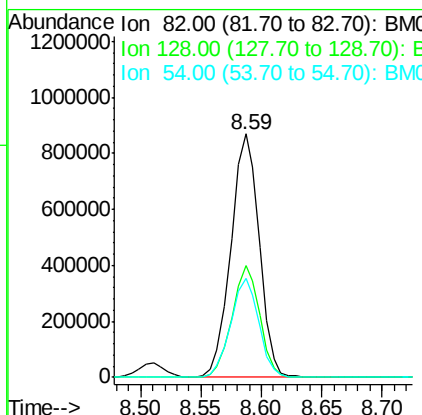
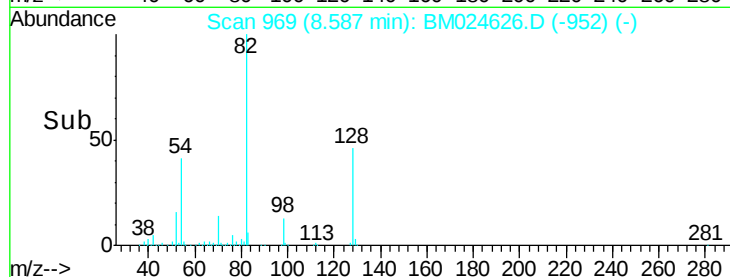
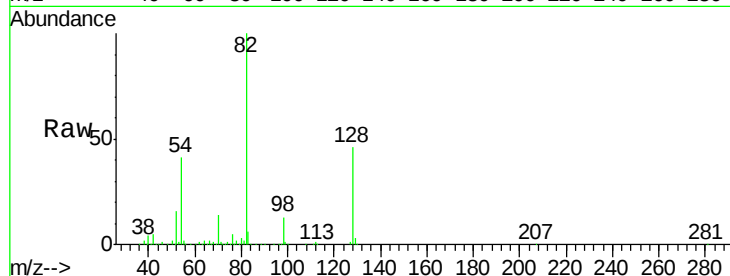


#23
 Nitrobenzene-d5
 Concen: 64.686 ng
 RT: 8.59 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM024626.D
 Acq: 27 Jan 2020 14:03

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1417379

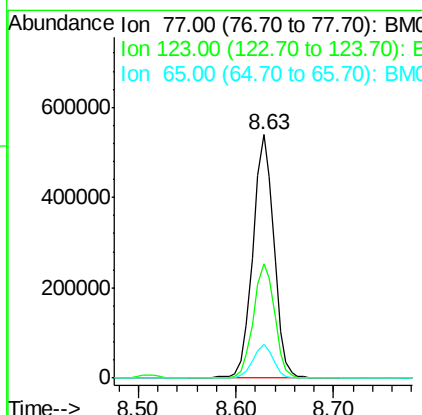
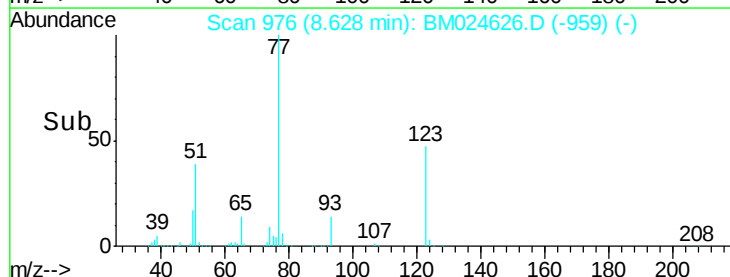
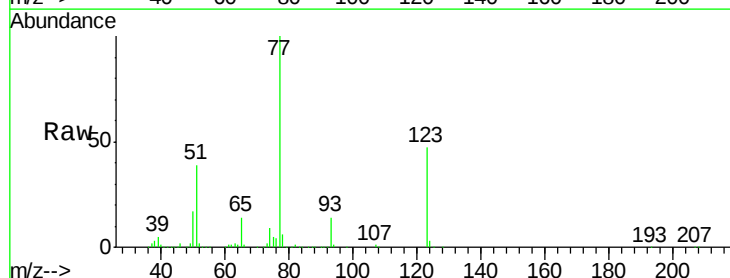
Ion	Ratio	Lower	Upper
82	100		
128	45.7	32.6	48.8
54	40.7	34.8	52.2

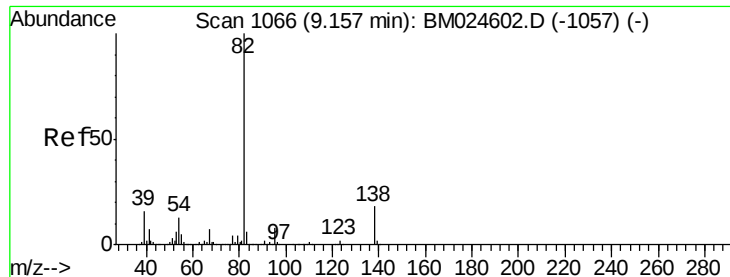


#24
 Nitrobenzene
 Concen: 38.587 ng
 RT: 8.63 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BM024626.D
 Acq: 27 Jan 2020 14:03

Tgt Ion: 77 Resp: 810250

Ion	Ratio	Lower	Upper
77	100		
123	46.8	34.6	52.0
65	13.6	11.0	16.4





#25

Isophorone

Concen: 37.248 ng

RT: 9.16 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

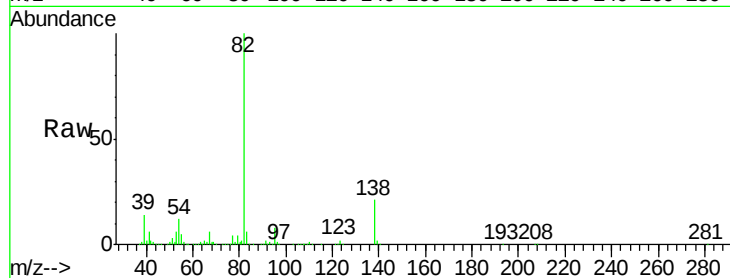
Tot Ion: 82 Resp: 1386792

Ion Ratio Lower Upper

82 100

95 8.2 6.7 10.1

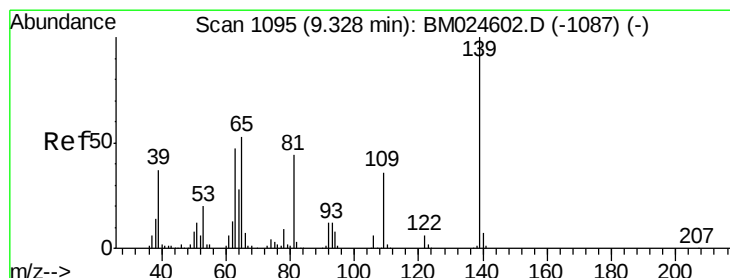
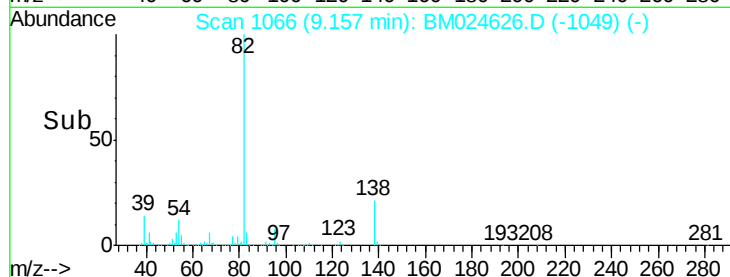
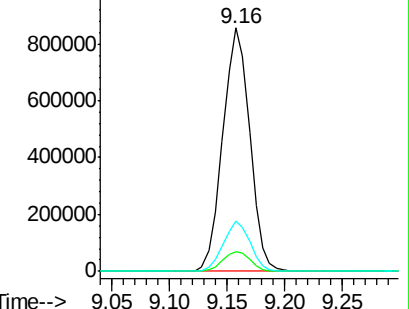
138 20.9 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024626.D (-1057) (-)

Ion 95.00 (94.70 to 95.70): BM024626.D (-1057) (-)

Ion 138.00 (137.70 to 138.70): BM024626.D (-1057) (-)



#26

2-Nitrophenol

Concen: 44.810 ng

RT: 9.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

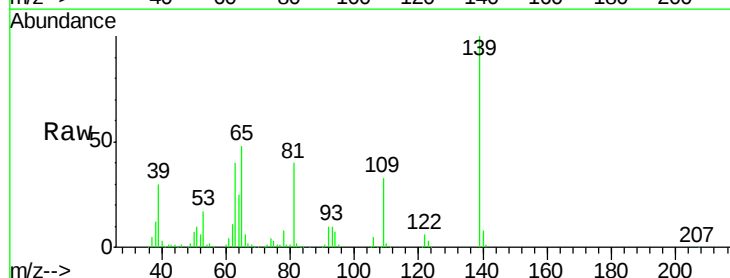
Tgt Ion: 139 Resp: 435689

Ion Ratio Lower Upper

139 100

109 33.5 28.8 43.2

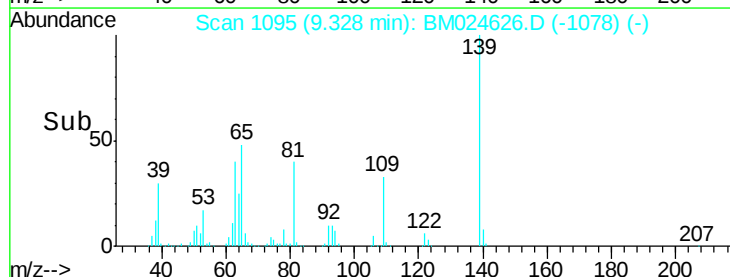
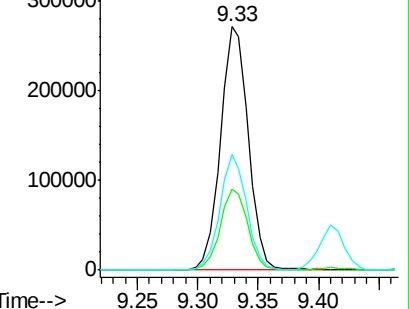
65 47.7 42.6 63.8

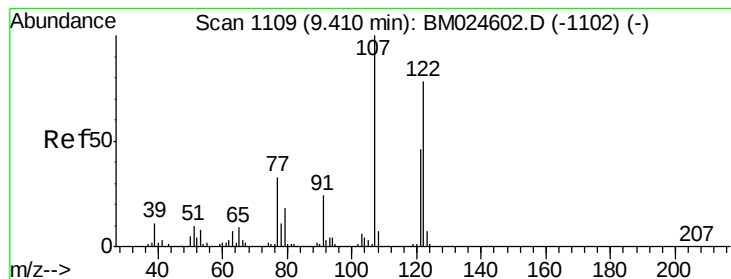


Abundance Ion 139.00 (138.70 to 139.70): BM024626.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM024626.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM024626.D (-1087) (-)





#27

2,4-Dimethylphenol

Concen: 52.122 ng

RT: 9.41 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampled :

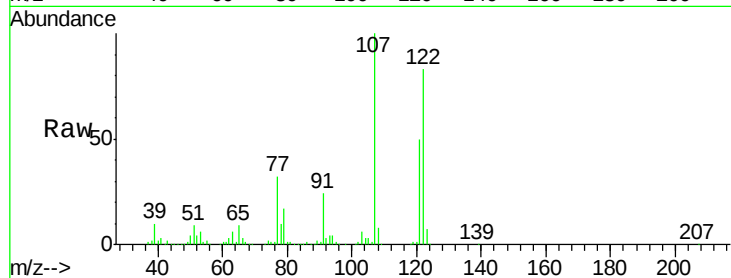
Tot Ion:122 Resp: 688675

Ion Ratio Lower Upper

122 100

107 120.1 102.5 153.7

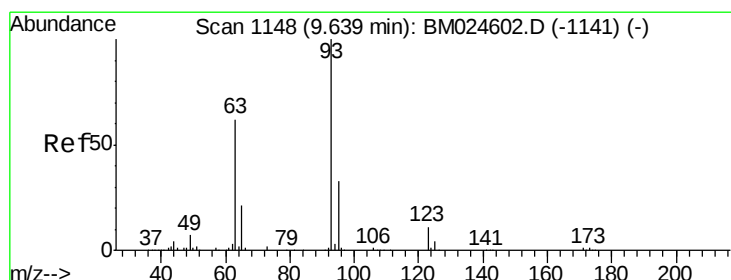
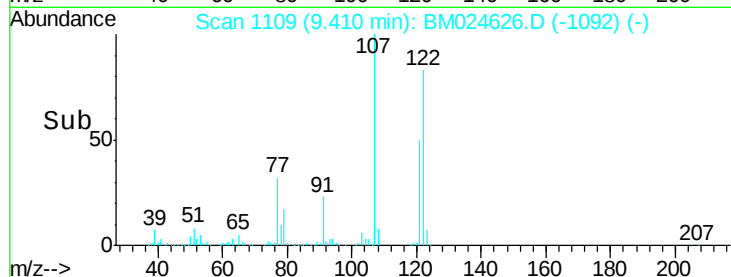
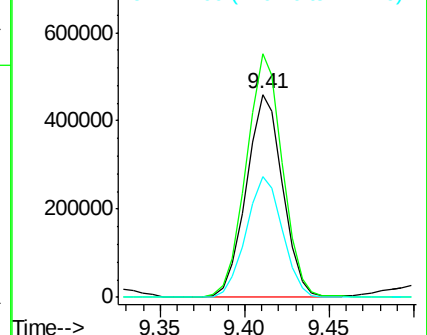
121 59.6 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.441 ng

RT: 9.64 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

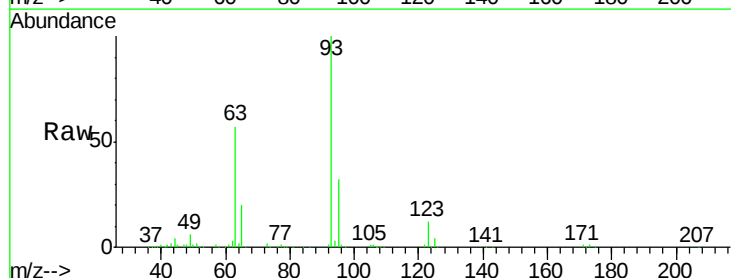
Tgt Ion: 93 Resp: 874301

Ion Ratio Lower Upper

93 100

95 31.7 26.1 39.1

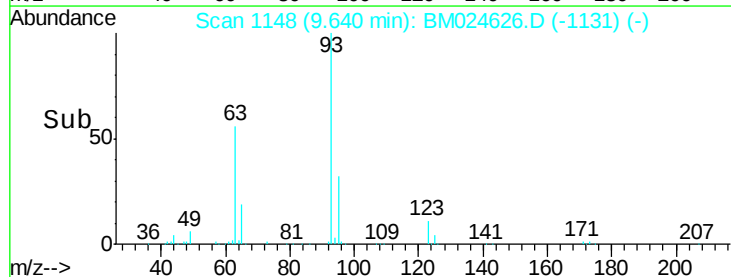
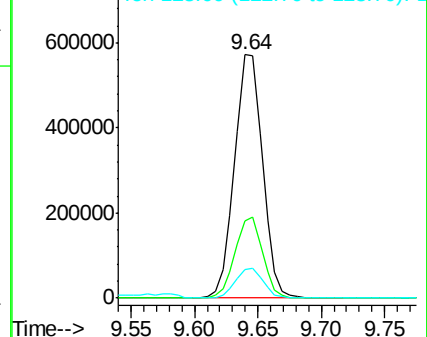
123 11.9 8.7 13.1

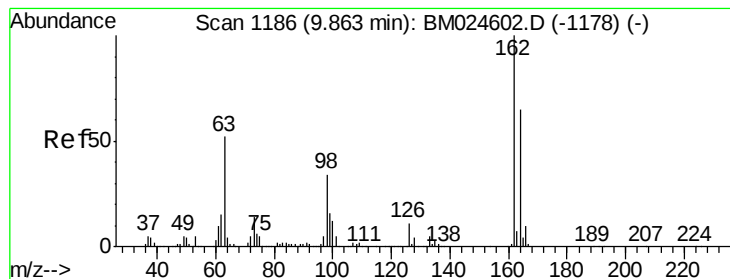


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.816 ng

RT: 9.86 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

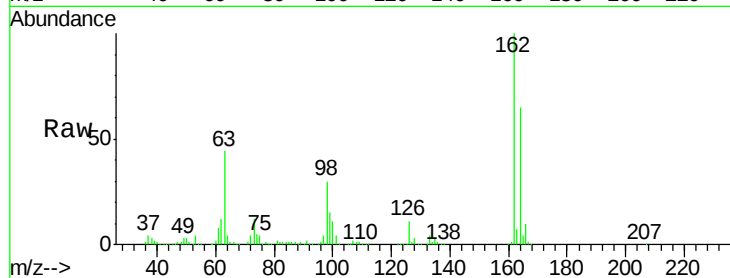
Tot Ion:162 Resp: 835711

Ion Ratio Lower Upper

162 100

164 65.0 44.5 84.5

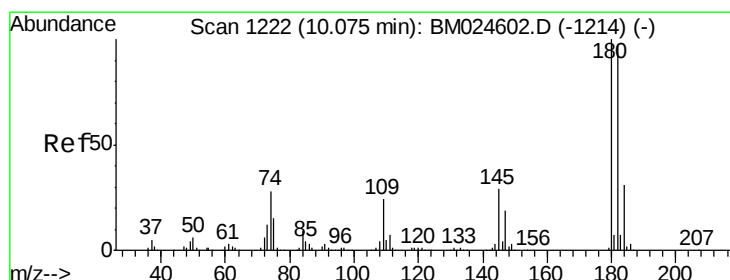
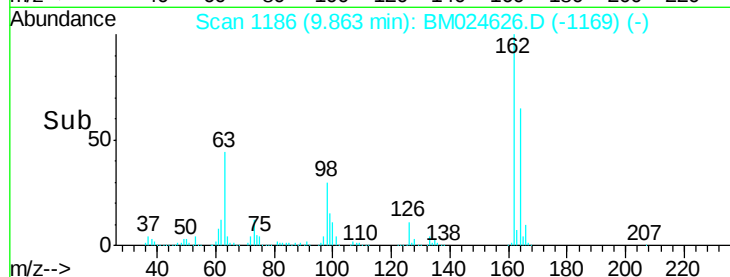
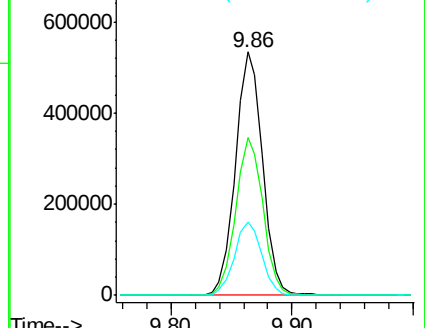
98 30.1 14.2 54.2



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): B



#30

1,2,4-Trichlorobenzene

Concen: 44.121 ng

RT: 10.08 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

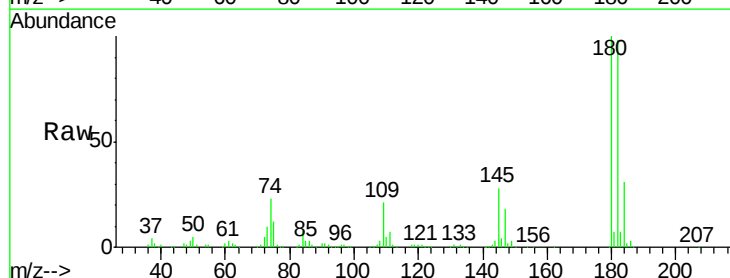
Tgt Ion:180 Resp: 949883

Ion Ratio Lower Upper

180 100

182 98.0 77.8 116.6

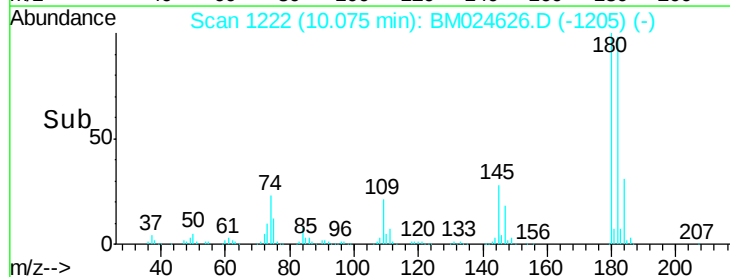
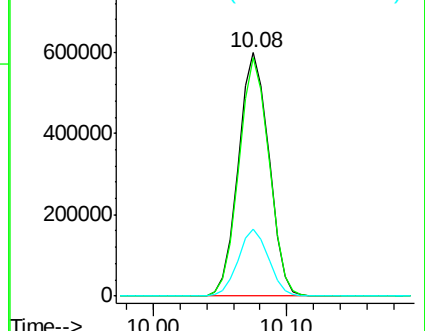
145 27.6 22.9 34.3

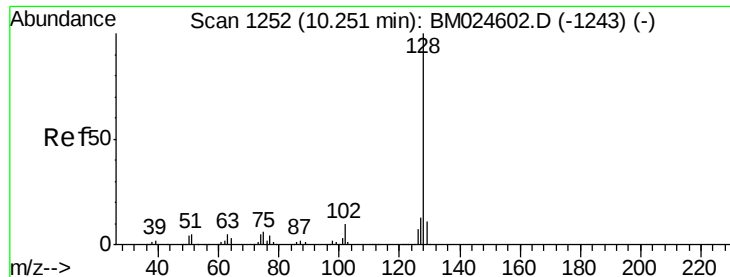


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

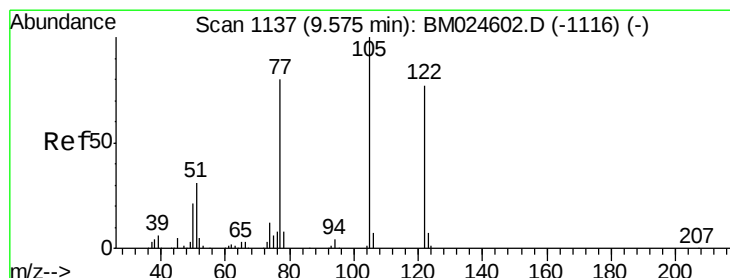
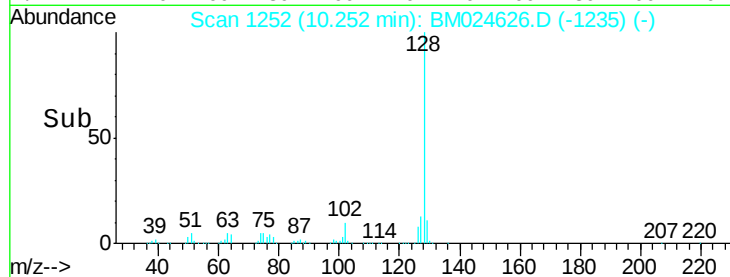
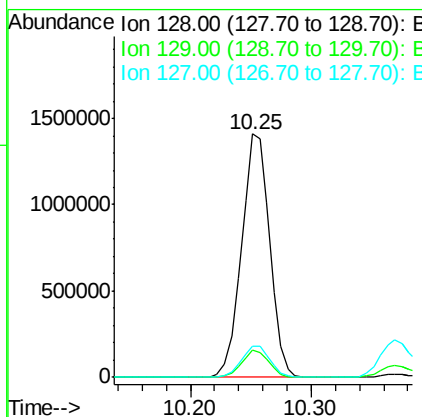
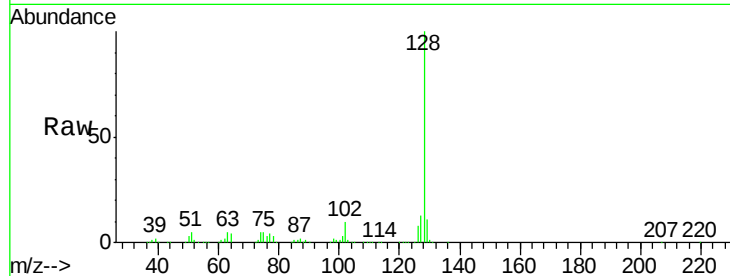




#31
Naphthalene
Concen: 42.212 ng
RT: 10.25 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

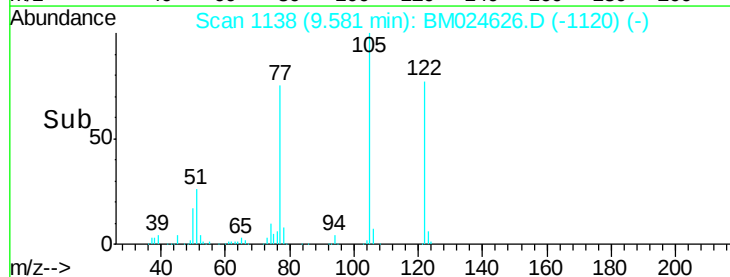
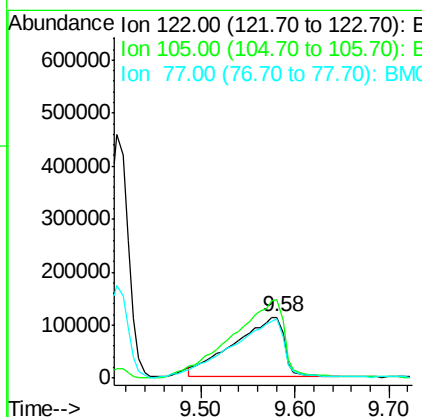
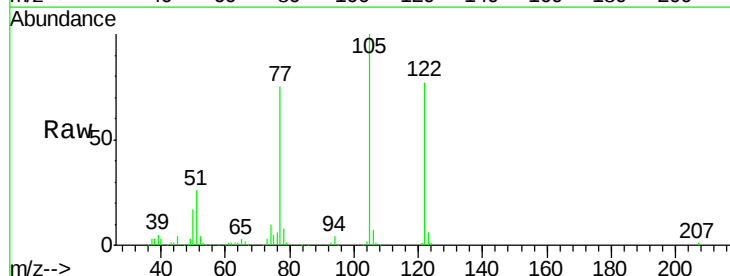
Instrument :
BNA_M
ClientSampleId :

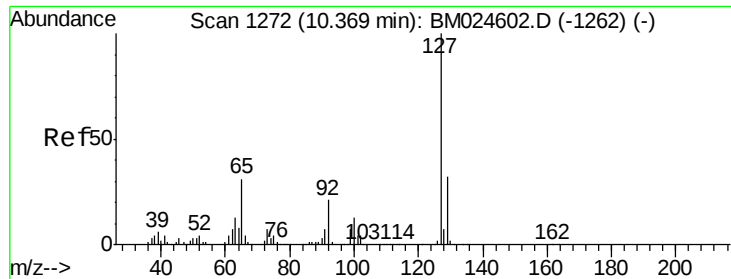
Tot Ion:128 Resp: 2291047
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 33.937 ng
RT: 9.58 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Tgt Ion:122 Resp: 410172
Ion Ratio Lower Upper
122 100
105 129.3 107.7 147.7
77 97.1 83.8 123.8

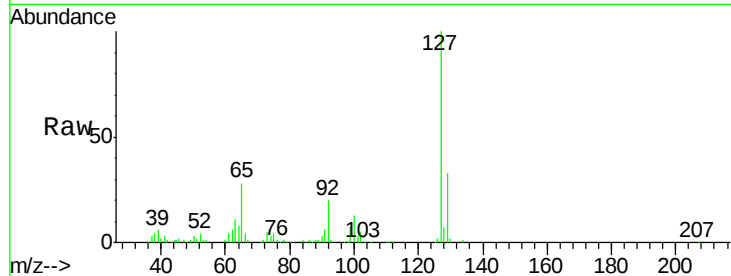




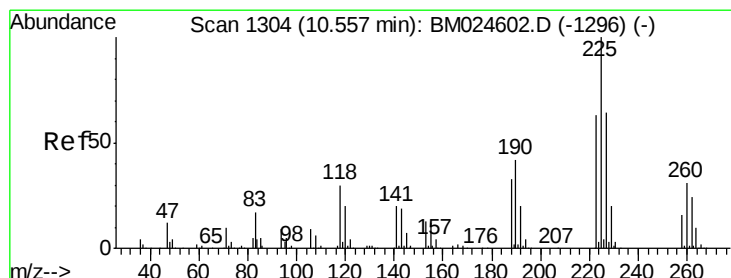
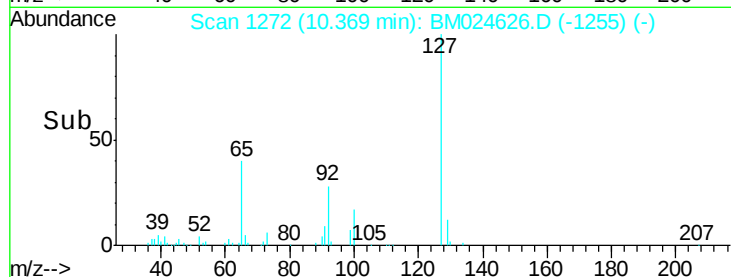
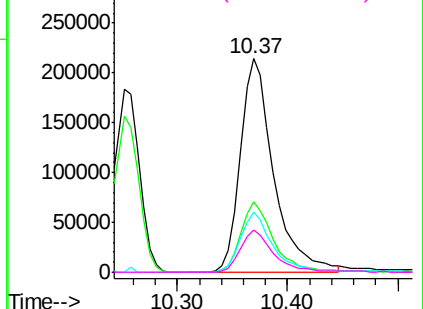
#33
4-Chloroaniline
Concen: 18.935 ng
RT: 10.37 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	450462
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	28.0	25.1	37.7
92	19.6	16.6	25.0

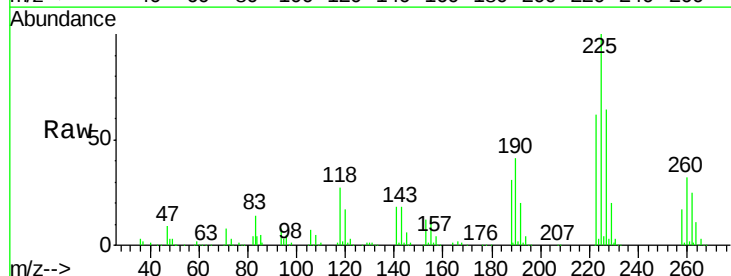


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

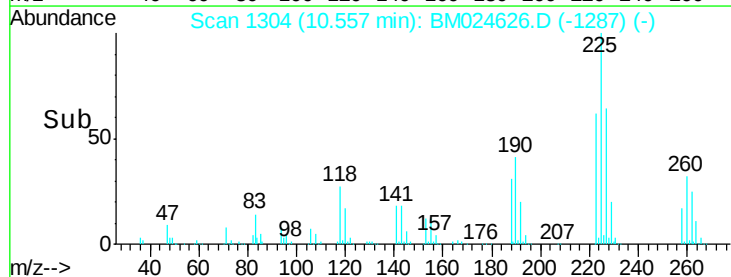
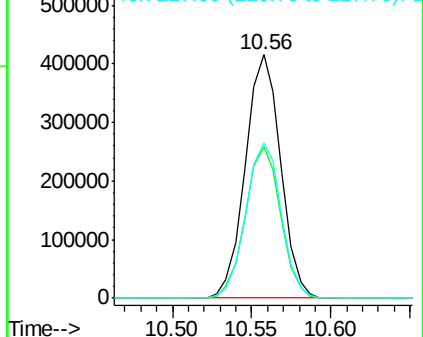


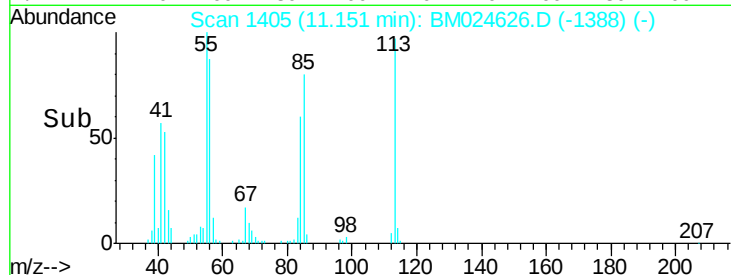
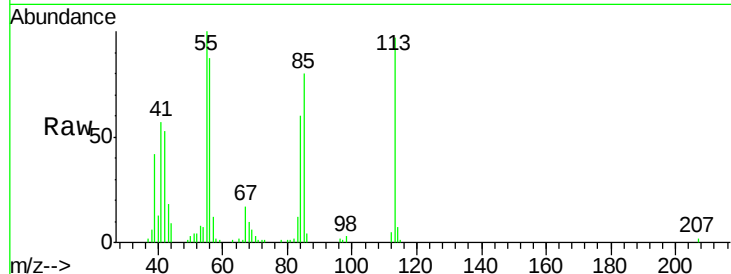
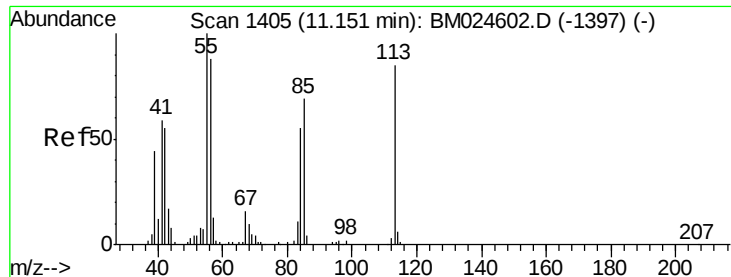
#34
Hexachlorobutadiene
Concen: 43.103 ng
RT: 10.56 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Tgt Ion:	225	Resp:	641487
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	63.6	51.4	77.0



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





#35

Caprolactam

Concen: 17.282 ng

RT: 11.15 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

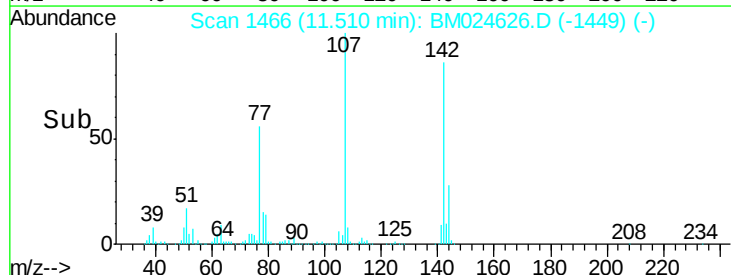
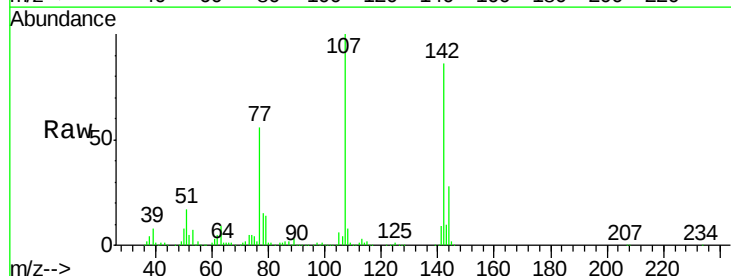
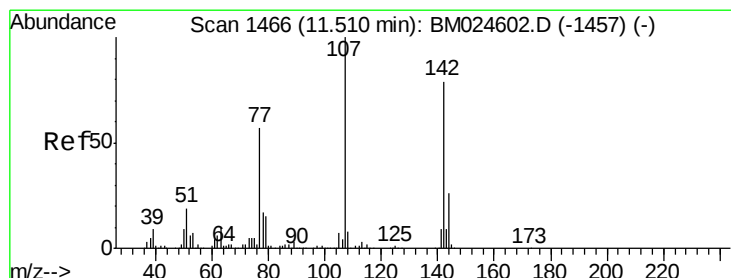
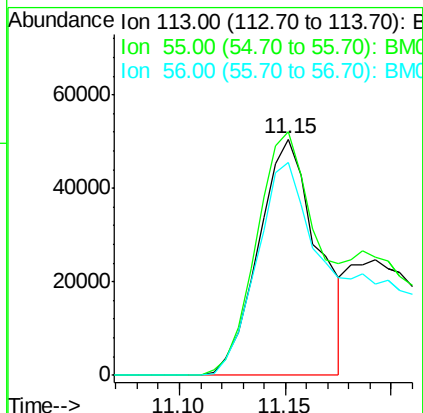
Tot Ion:113 Resp: 98973

Ion Ratio Lower Upper

113 100

55 103.2 97.5 137.5

56 90.1 83.4 123.4



#36

4-Chloro-3-methylphenol

Concen: 38.617 ng

RT: 11.51 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

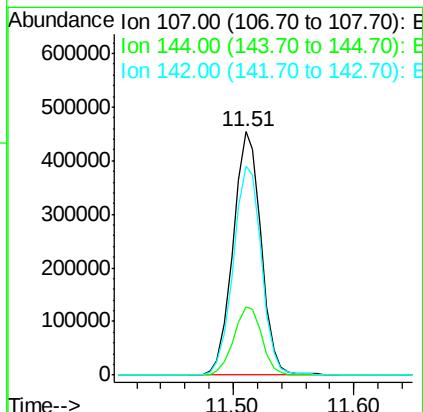
Tgt Ion:107 Resp: 732999

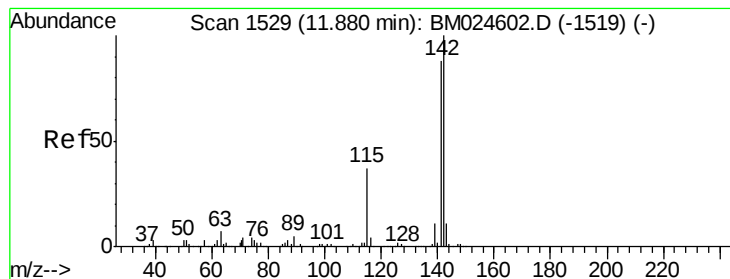
Ion Ratio Lower Upper

107 100

144 27.9 20.5 30.7

142 86.0 62.8 94.2





#37

2-Methylnaphthalene

Concen: 42.002 ng

RT: 11.88 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

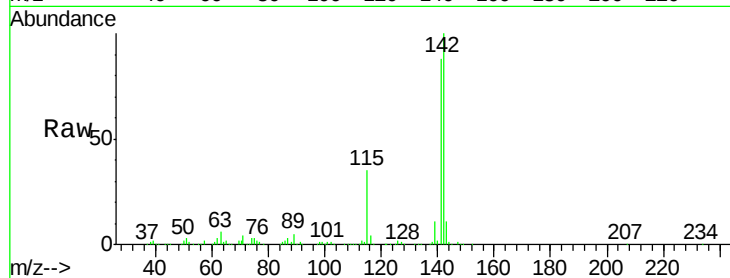
Tot Ion:142 Resp: 1759238

Ion Ratio Lower Upper

142 100

141 87.9 70.2 105.2

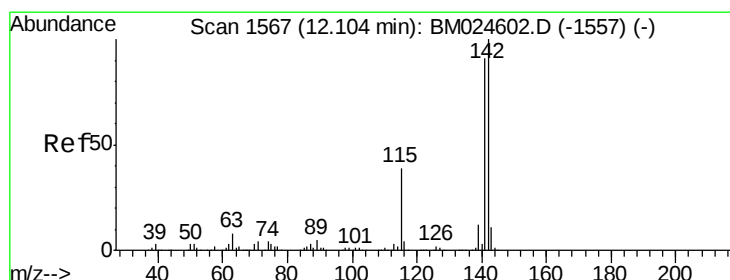
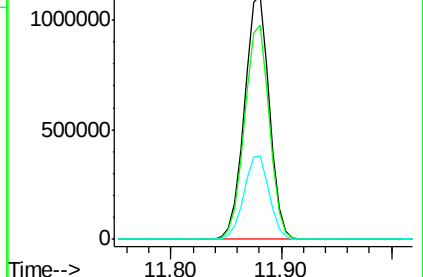
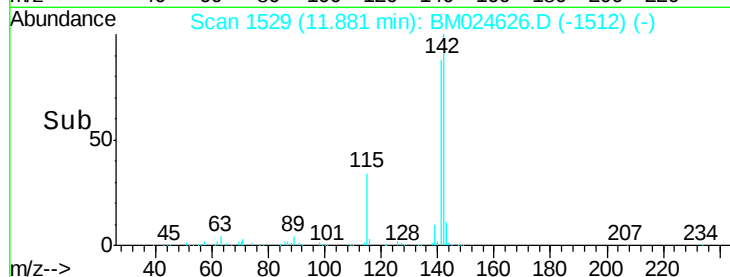
115 34.6 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.640 ng

RT: 12.10 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

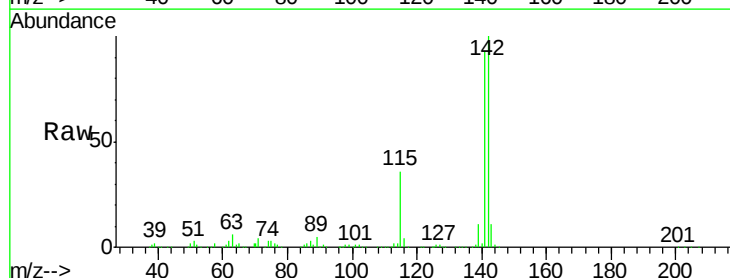
Tgt Ion:142 Resp: 1659030

Ion Ratio Lower Upper

142 100

141 92.6 72.8 109.2

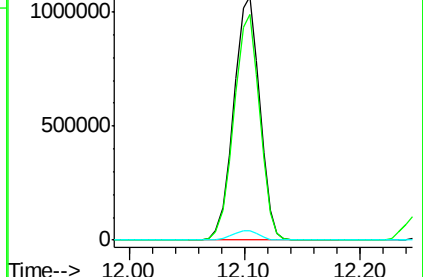
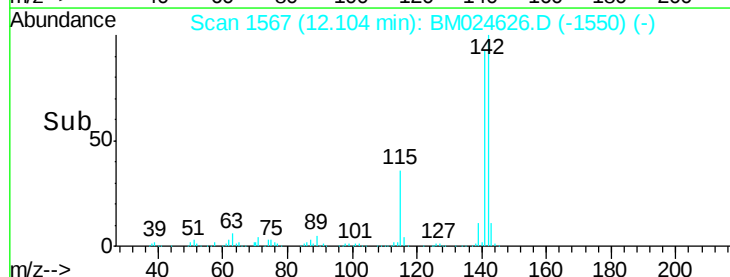
116 3.7 3.2 4.8

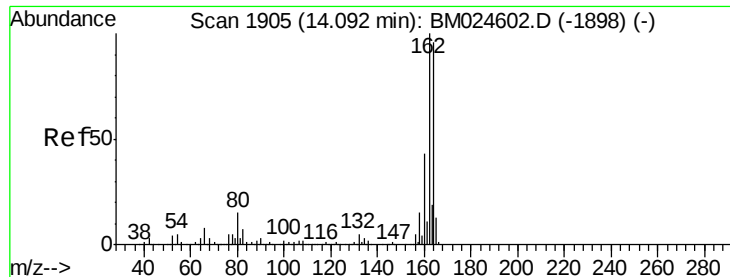


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

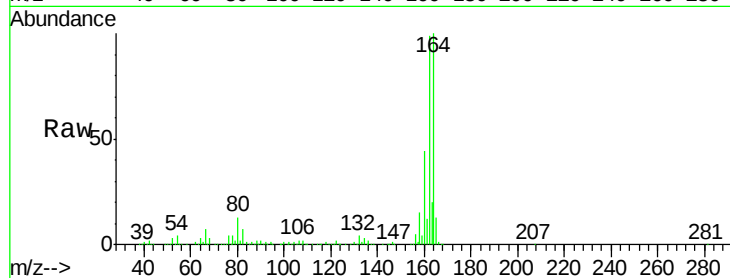
Tot Ion:164 Resp: 701478

Ion Ratio Lower Upper

164 100

162 99.3 82.9 124.3

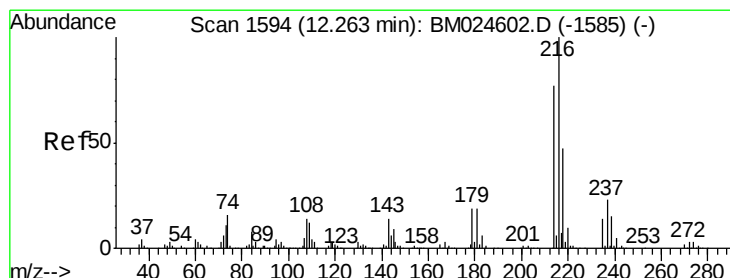
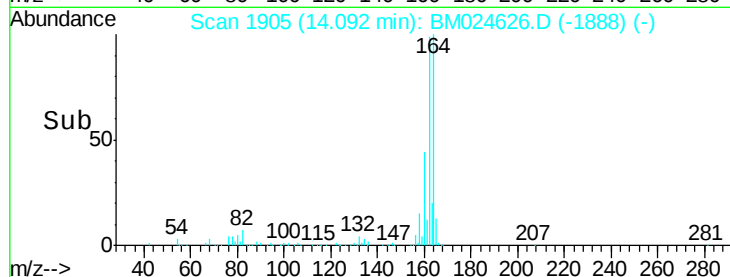
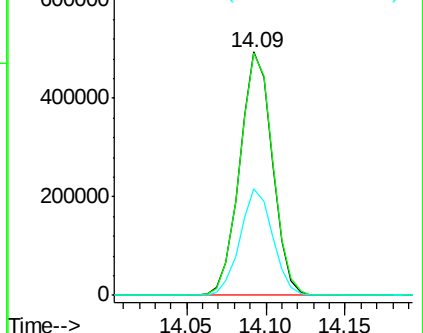
160 43.7 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.845 ng

RT: 12.26 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Tgt Ion:216 Resp: 1097699

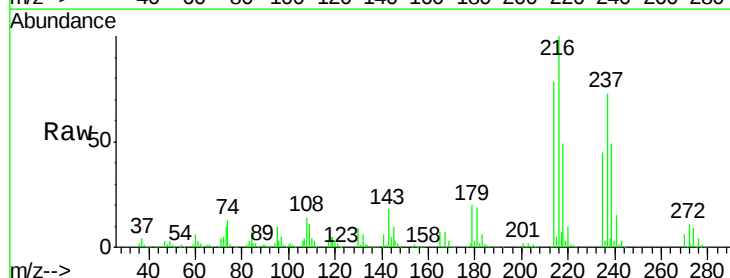
Ion Ratio Lower Upper

216 100

214 77.7 62.3 93.5

179 19.8 16.1 24.1

108 16.6 13.0 19.6

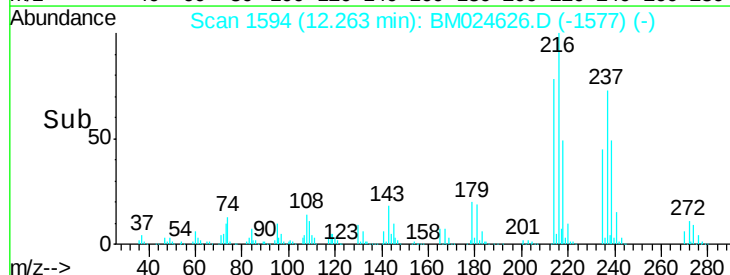
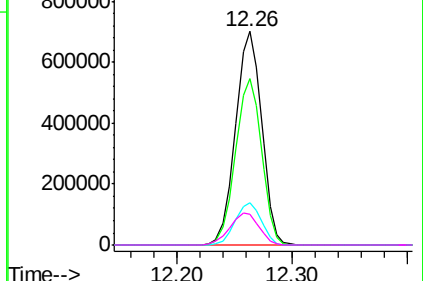


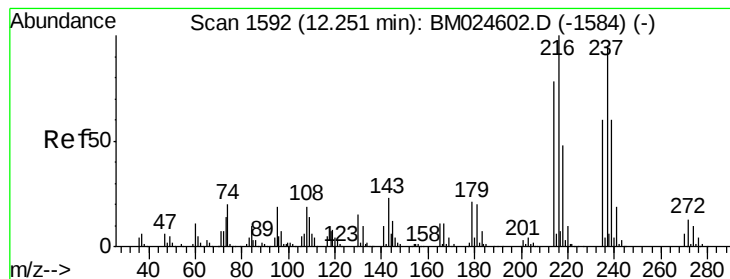
Abundance Ion 216.00 (215.70 to 216.70): E

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: 123.260 ng

RT: 12.25 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

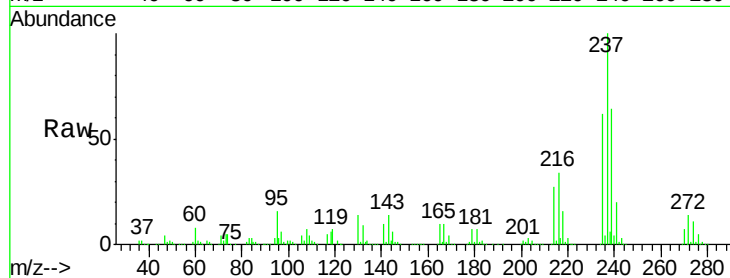
Tot Ion:237 Resp: 1729700

Ion Ratio Lower Upper

237 100

235 61.7 43.3 83.3

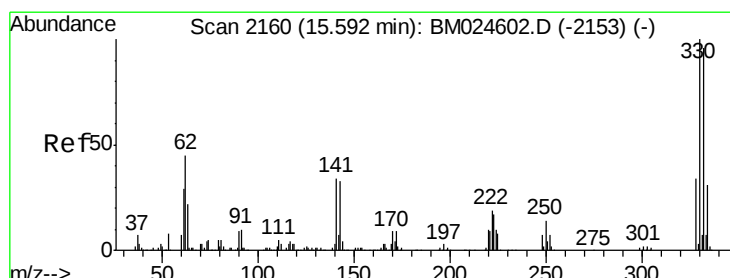
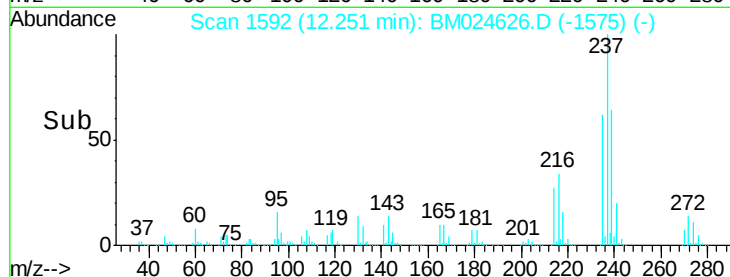
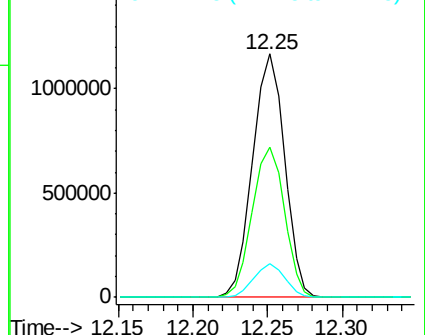
272 13.7 0.0 33.4



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: 117.563 ng

RT: 15.59 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

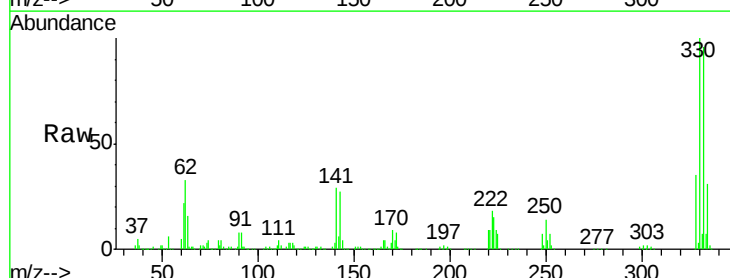
Tgt Ion:330 Resp: 1341463

Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

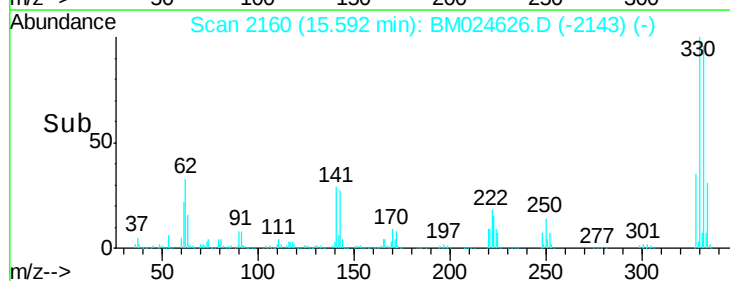
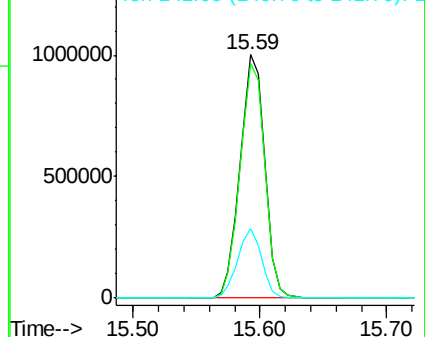
141 28.0 26.9 40.3

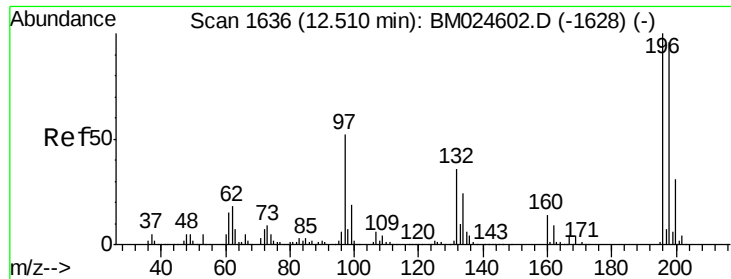


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

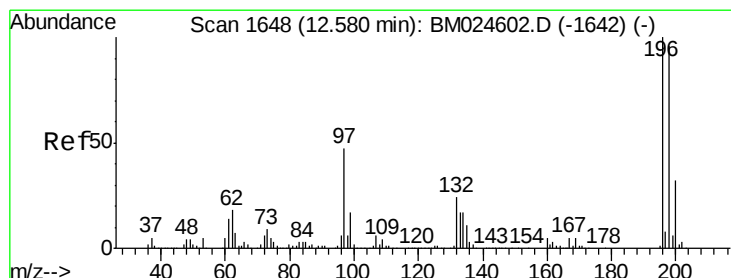
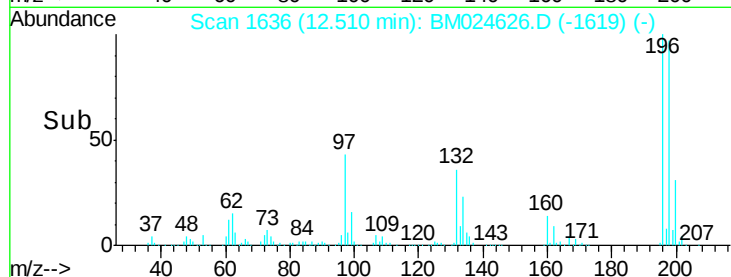
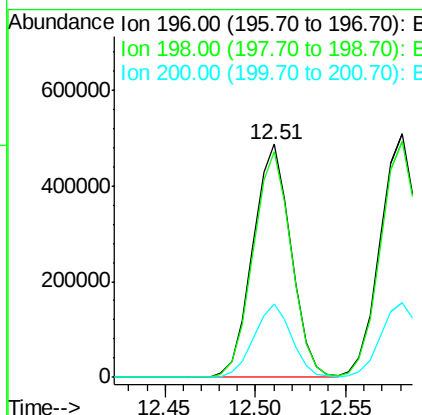
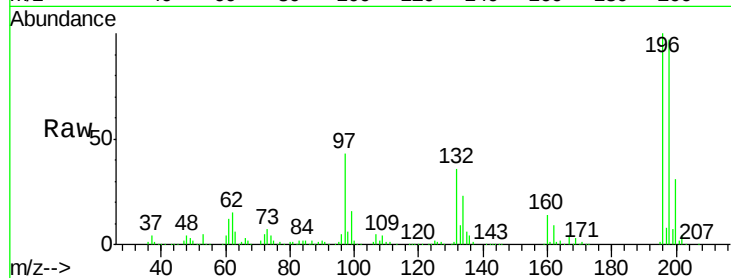




#43
 2,4,6-Trichlorophenol
 Concen: 44.651 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BM024626.D
 Acq: 27 Jan 2020 14:03

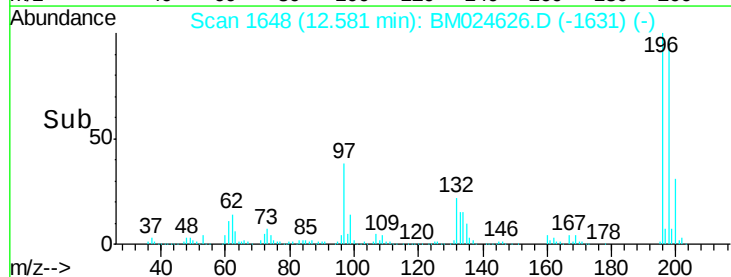
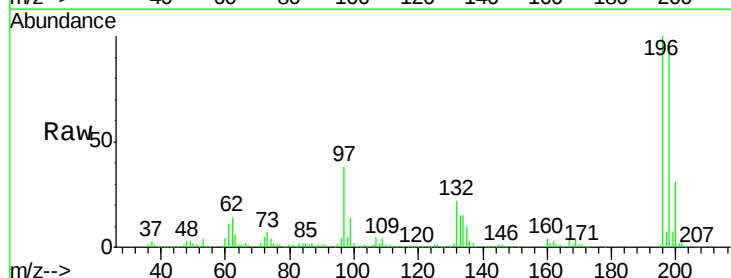
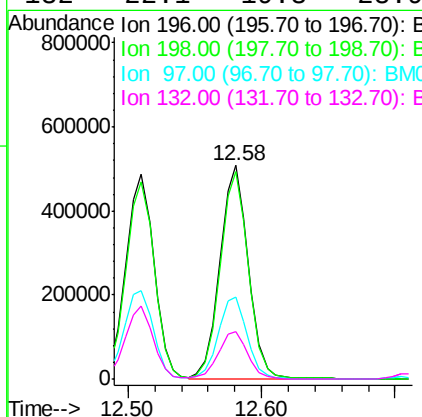
Instrument :
 BNA_M
 ClientSampleId :

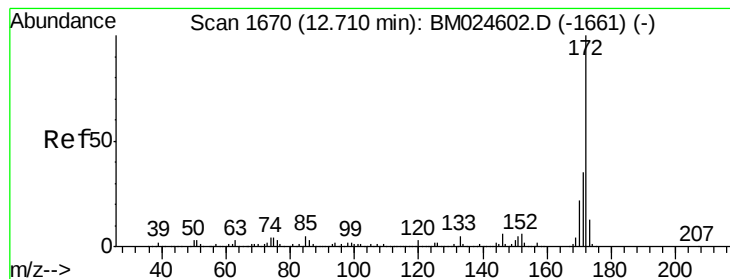
Tot Ion:196 Resp: 711368
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.5 114.7
 200 31.4 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 46.097 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM024626.D
 Acq: 27 Jan 2020 14:03

Tgt Ion:196 Resp: 750027
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.2 115.8
 97 38.4 37.4 56.0
 132 22.1 19.3 28.9





#45

2-Fluorobiphenyl

Concen: 74.982 ng

RT: 12.71 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

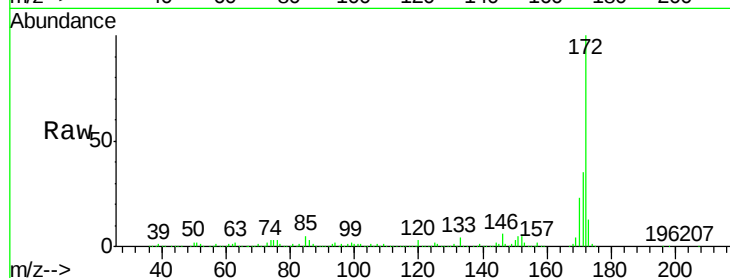
Instrument :

BNA_M

ClientSampleId :

Tot Ion:172 Resp: 3868945

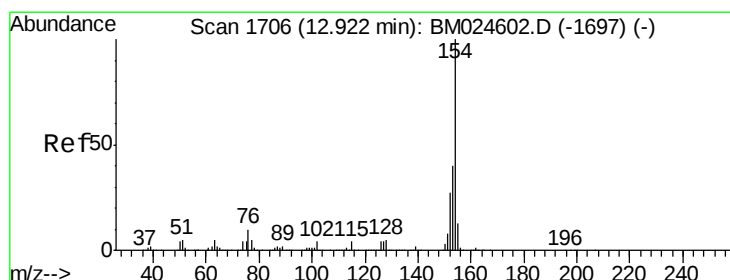
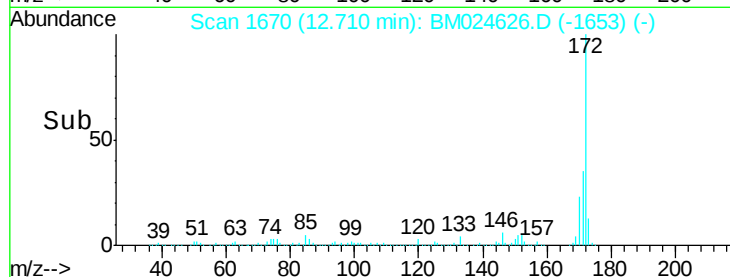
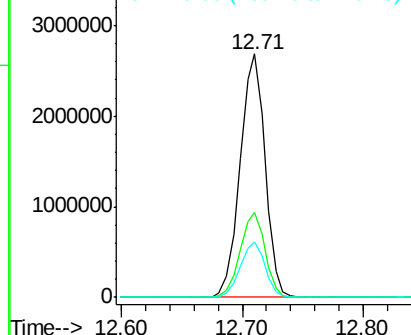
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	22.9	17.9	26.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.033 ng

RT: 12.92 min Scan# 1706

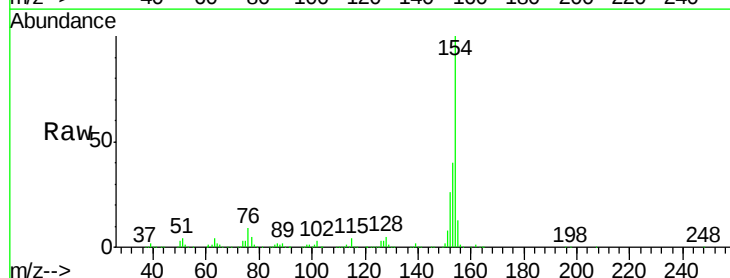
Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Tgt Ion:154 Resp: 2284445

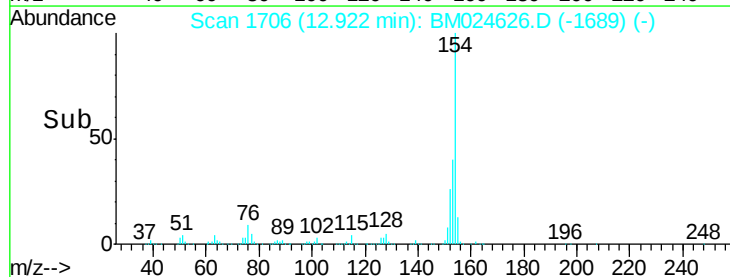
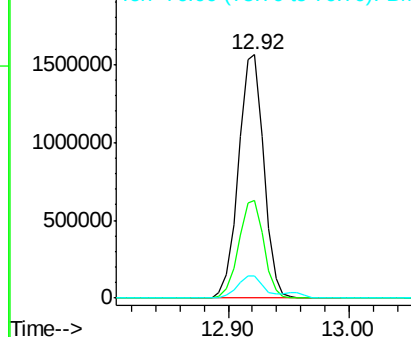
Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	8.9	0.0	30.5

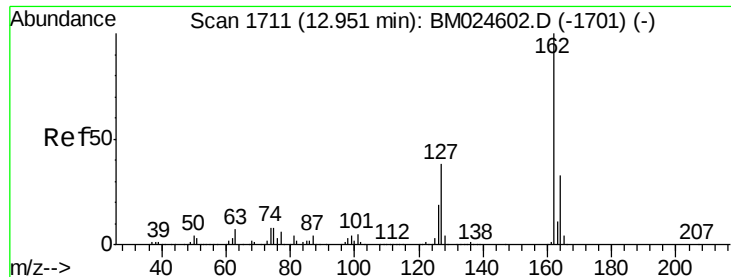


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

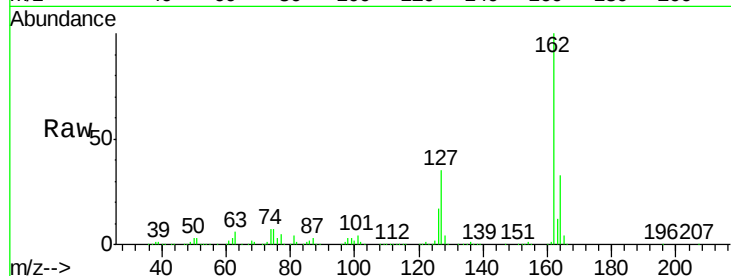




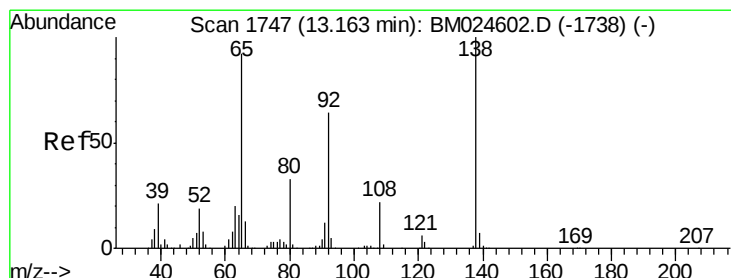
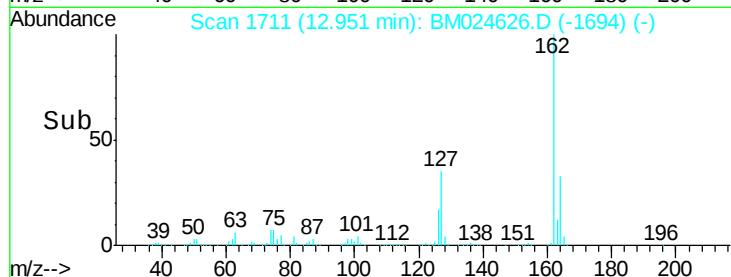
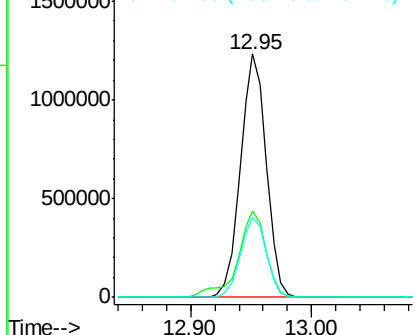
#47
2-Chloronaphthalene
Concen: 42.751 ng
RT: 12.95 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1832159
Ion Ratio Lower Upper
162 100
127 35.3 30.4 45.6
164 32.9 26.5 39.7

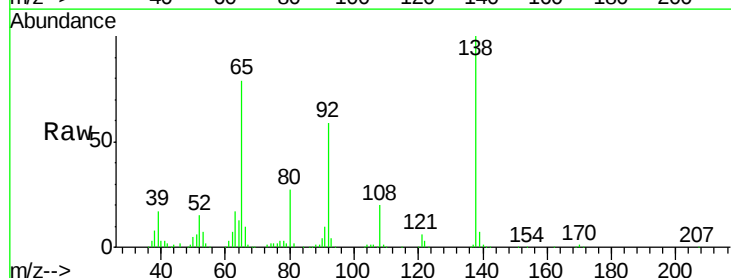


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

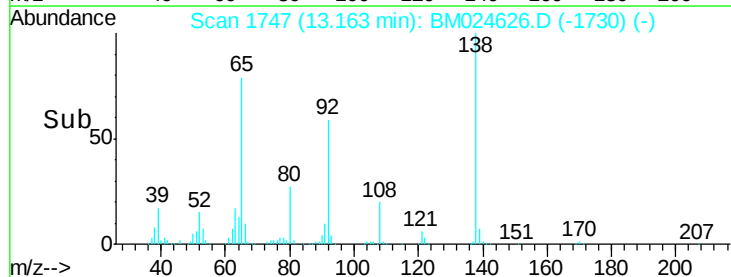
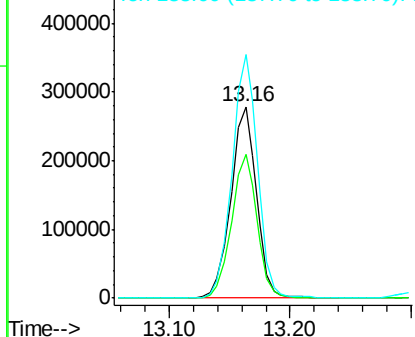


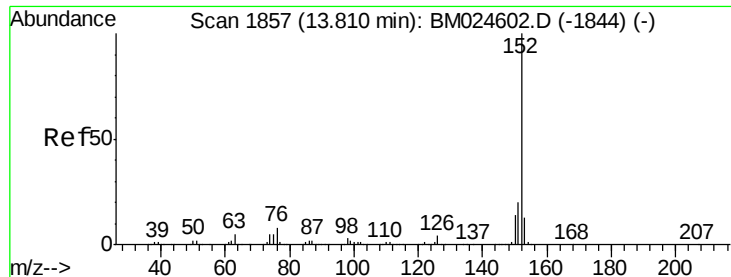
#48
2-Nitroaniline
Concen: 31.544 ng
RT: 13.16 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Tgt Ion: 65 Resp: 412313
Ion Ratio Lower Upper
65 100
92 74.9 55.4 83.2
138 127.1 86.6 129.8



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.477 ng

RT: 13.81 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

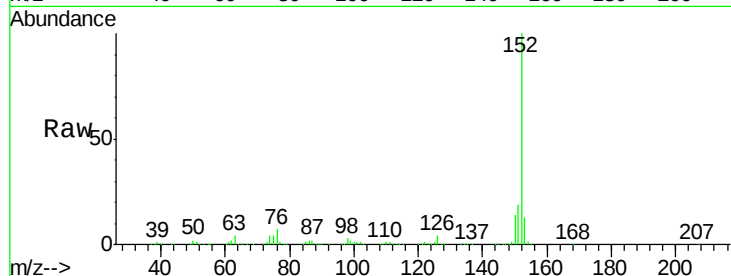
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 2789350

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.6
153	13.1	10.4	15.6

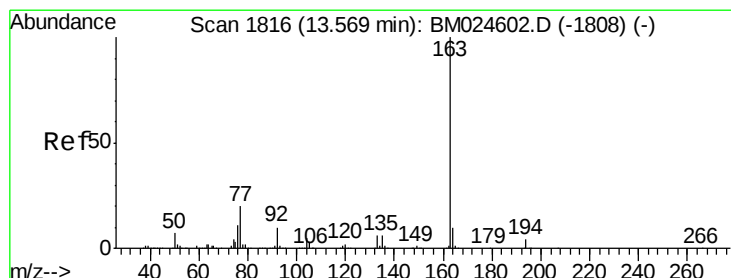
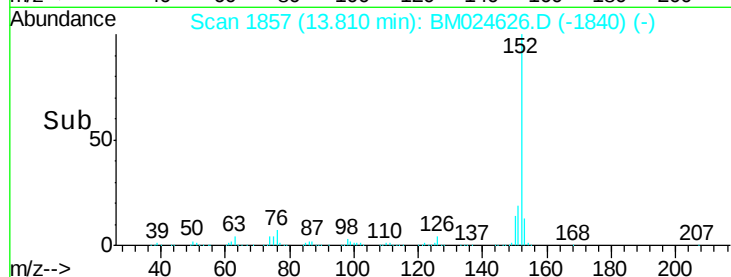
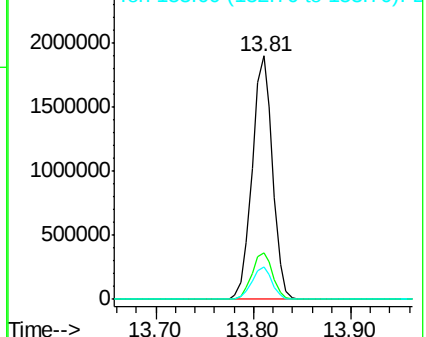


Abundance

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: 38.716 ng

RT: 13.57 min Scan# 1816

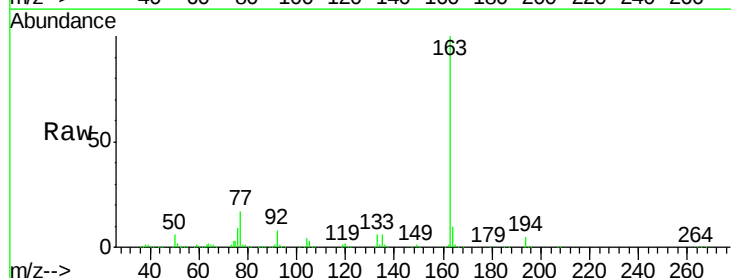
Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Tgt Ion:163 Resp: 2196109

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.3	8.0	12.0

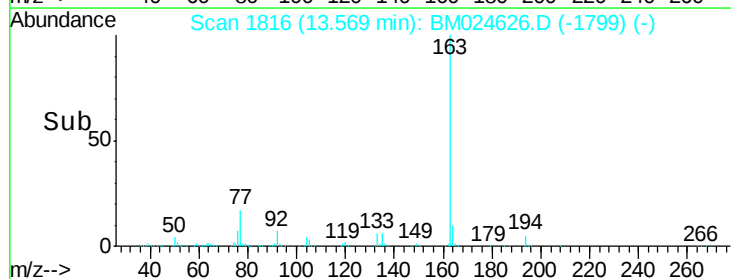
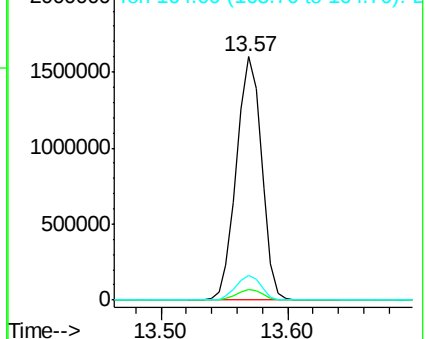


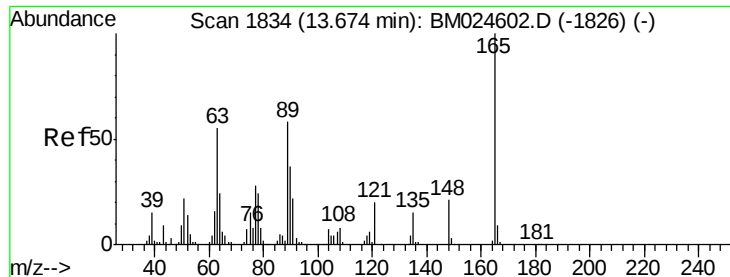
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

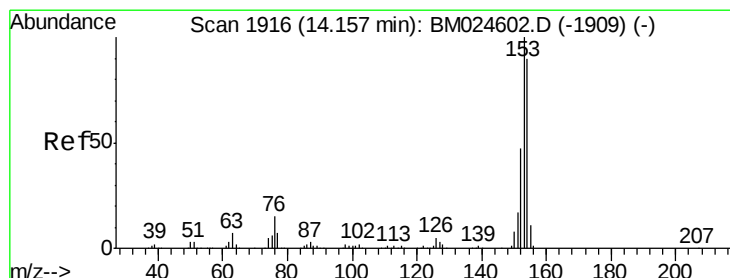
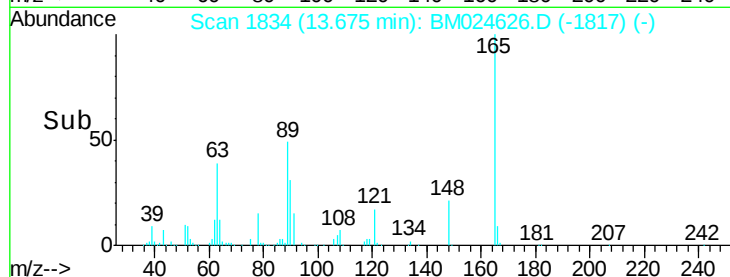
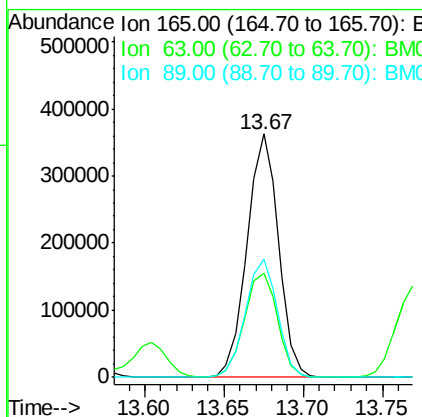
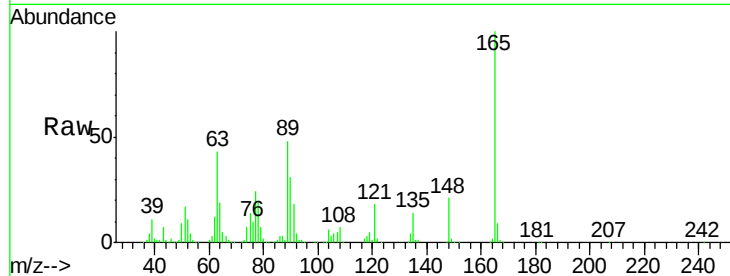




#51
 2,6-Dinitrotoluene
 Concen: 41.457 ng
 RT: 13.67 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BM024626.D
 Acq: 27 Jan 2020 14:03

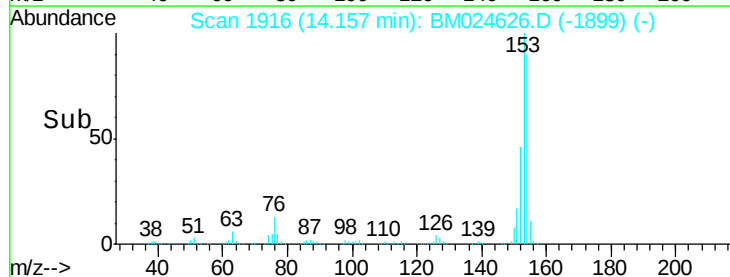
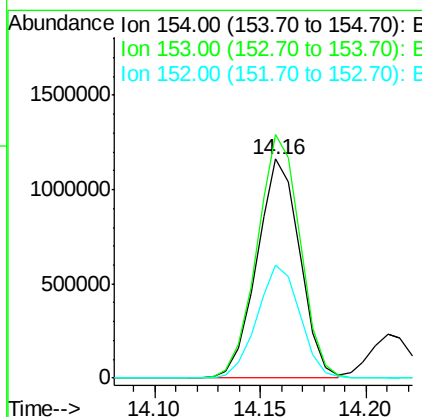
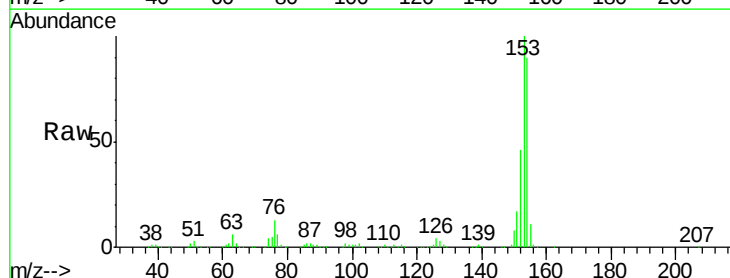
Instrument :
 BNA_M
 ClientSampled :

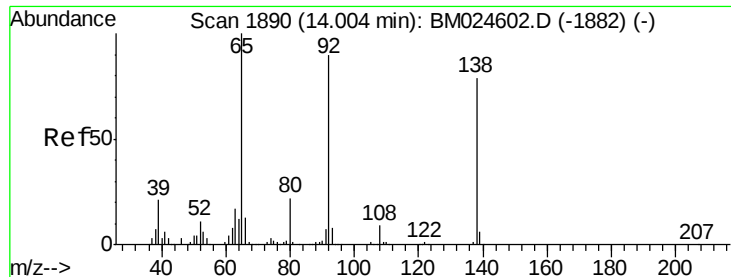
Tot Ion:165 Resp: 499961
 Ion Ratio Lower Upper
 165 100
 63 43.0 45.4 68.0#
 89 48.3 46.6 69.8



#52
 Acenaphthene
 Concen: 41.260 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BM024626.D
 Acq: 27 Jan 2020 14:03

Tgt Ion:154 Resp: 1642608
 Ion Ratio Lower Upper
 154 100
 153 111.3 89.1 133.7
 152 51.7 41.9 62.9





#53

3-Nitroaniline

Concen: 28.169 ng

RT: 14.00 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

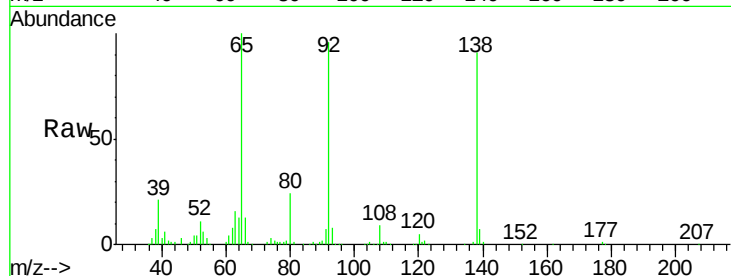
Tot Ion:138 Resp: 352345

Ion Ratio Lower Upper

138 100

108 10.2 8.7 13.1

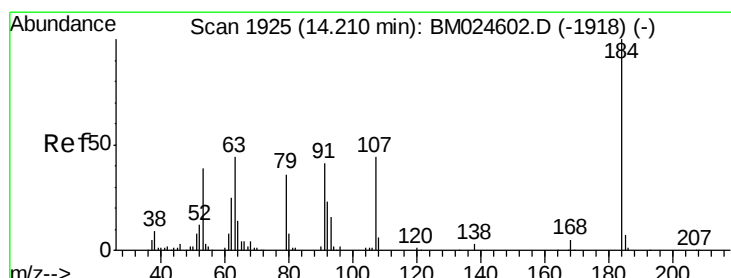
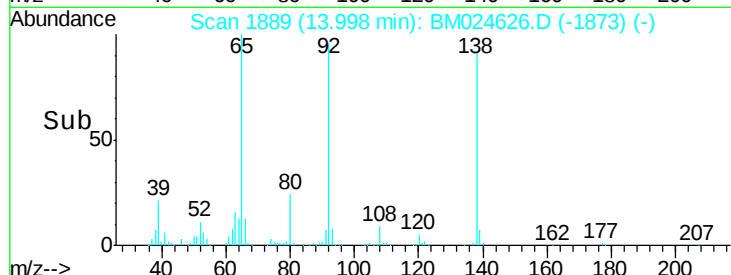
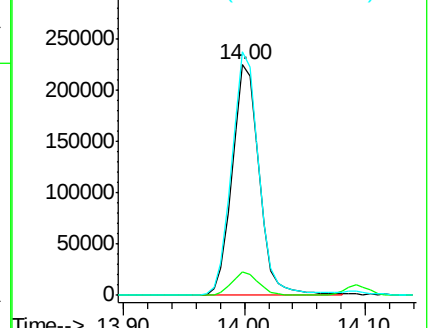
92 105.6 91.0 136.4



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: 77.596 ng

RT: 14.21 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

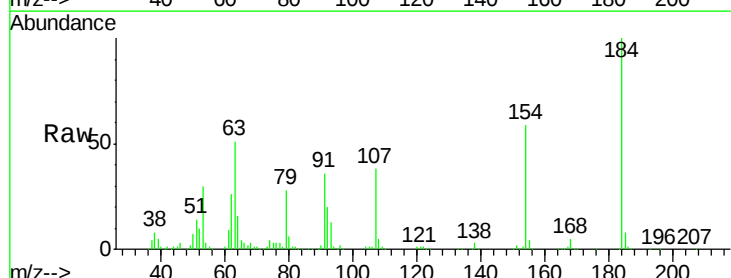
Tgt Ion:184 Resp: 559597

Ion Ratio Lower Upper

184 100

63 51.4 51.8 77.8#

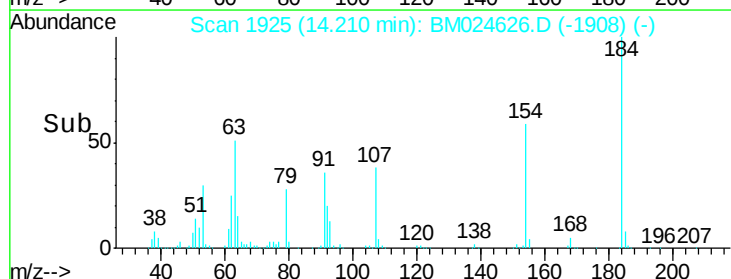
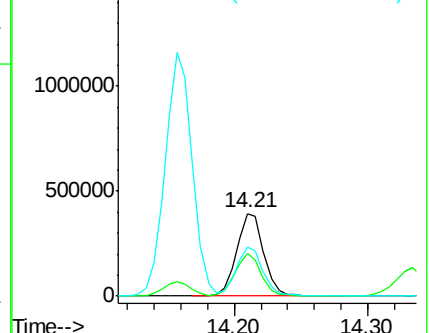
154 59.2 50.2 75.4

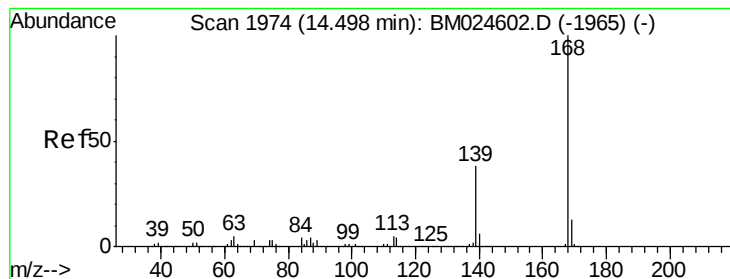


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.931 ng

RT: 14.50 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

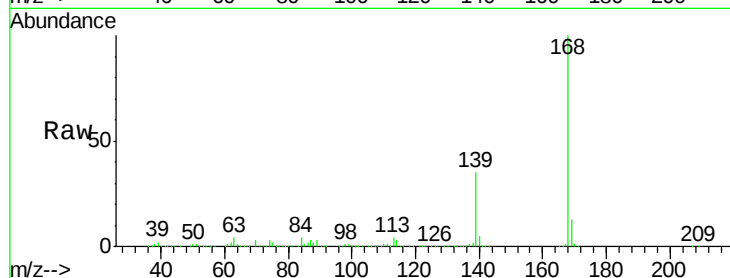
Tot Ion:168 Resp: 2722426

Ion Ratio Lower Upper

168 100

139 35.1 30.2 45.4

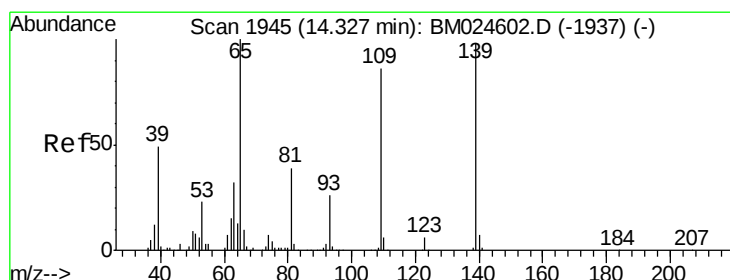
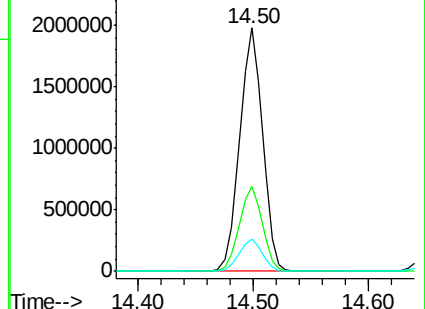
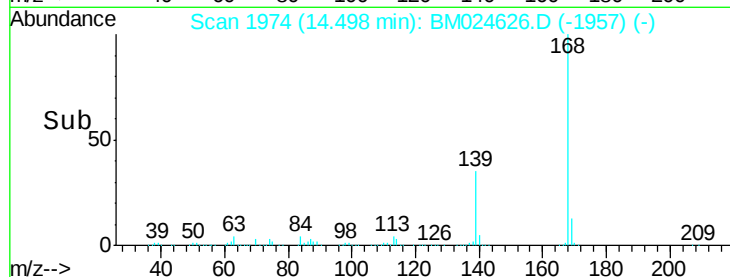
169 13.5 10.7 16.1



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: 76.621 ng

RT: 14.33 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

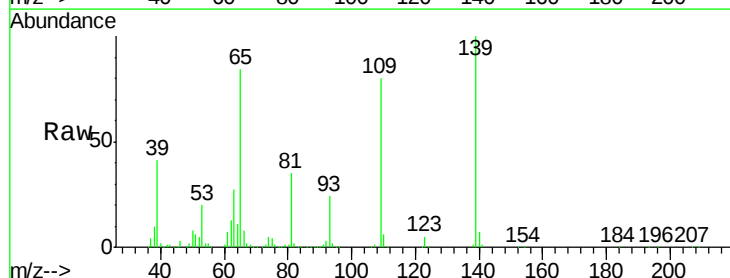
Tgt Ion:139 Resp: 749156

Ion Ratio Lower Upper

139 100

109 79.9 67.4 107.4

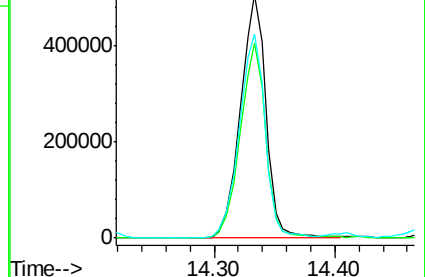
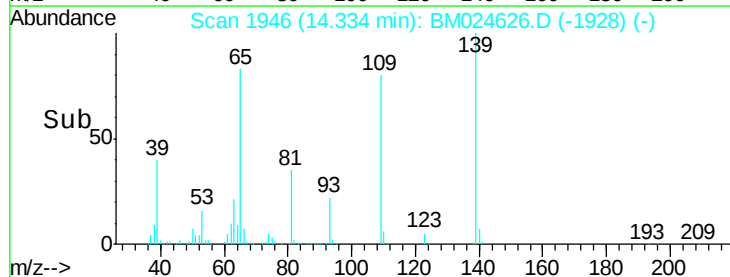
65 83.9 82.1 122.1

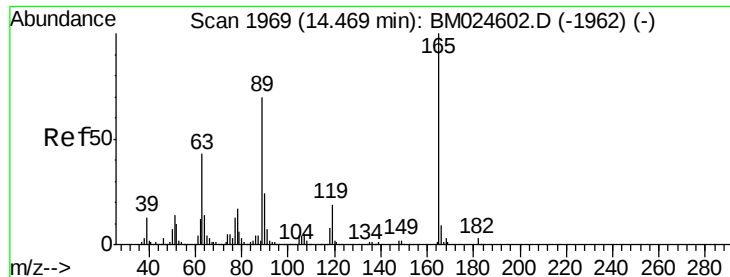


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

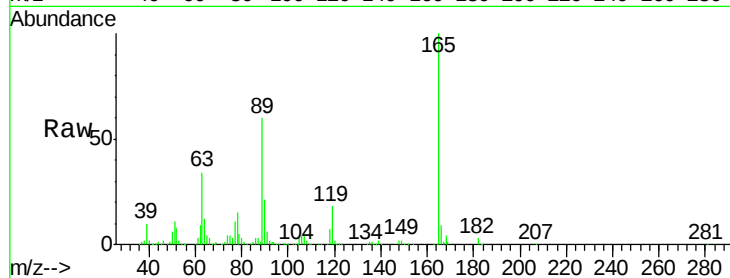




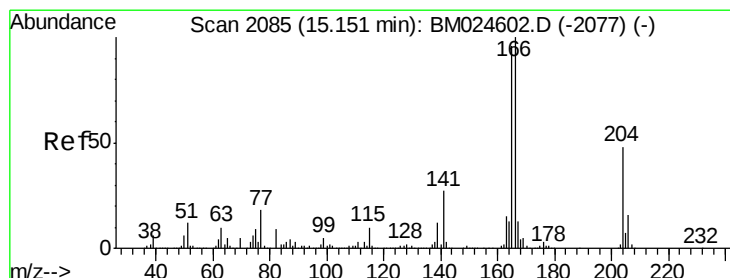
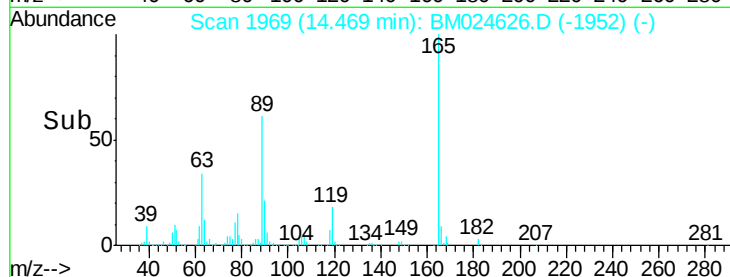
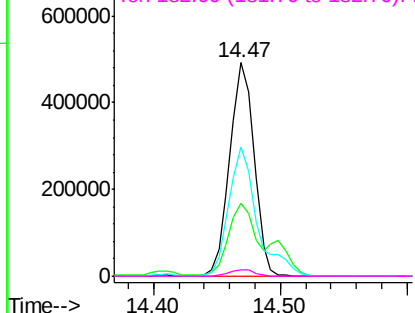
#57
2,4-Dinitrotoluene
Concen: 37.961 ng
RT: 14.47 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 656119
Ion Ratio Lower Upper
165 100
63 34.1 34.5 51.7#
89 60.4 55.8 83.8
182 3.2 2.3 3.5

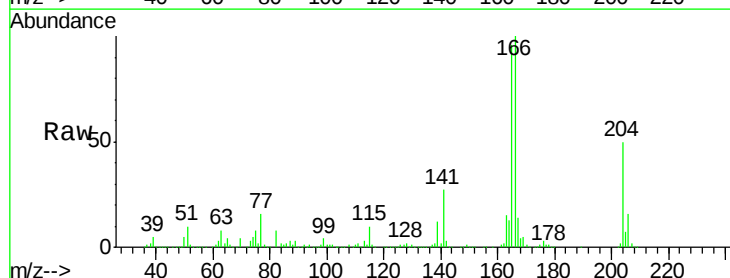


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

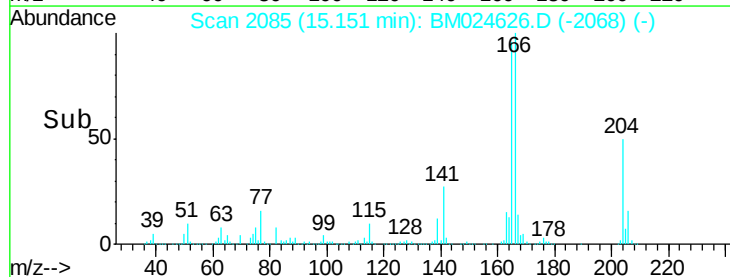
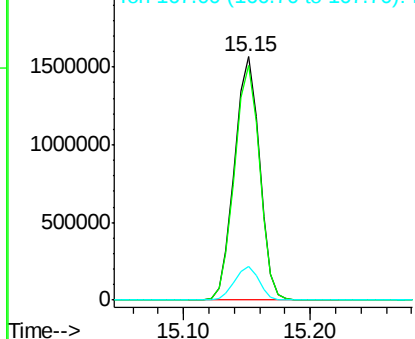


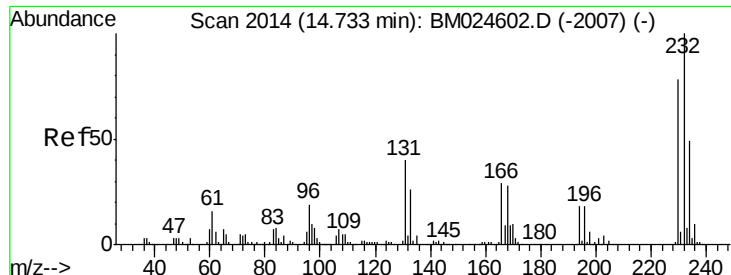
#58
Fluorene
Concen: 39.215 ng
RT: 15.15 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Tgt Ion:166 Resp: 2139696
Ion Ratio Lower Upper
166 100
165 96.2 76.6 114.8
167 13.7 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

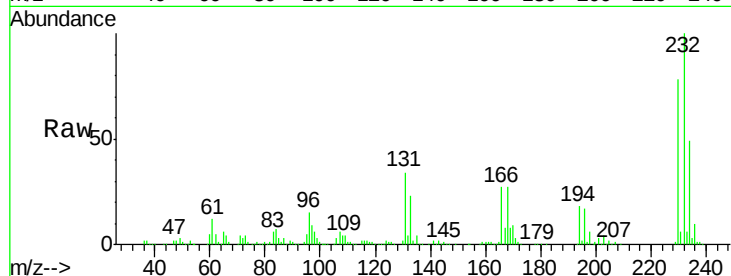




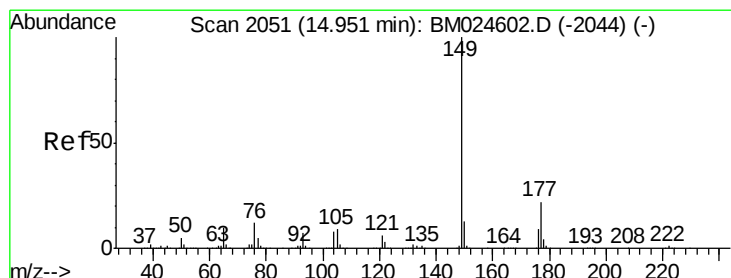
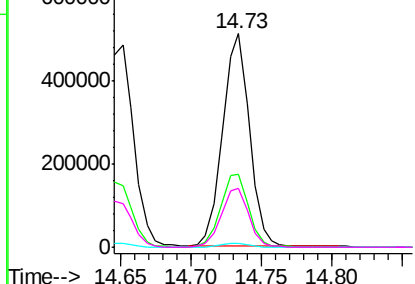
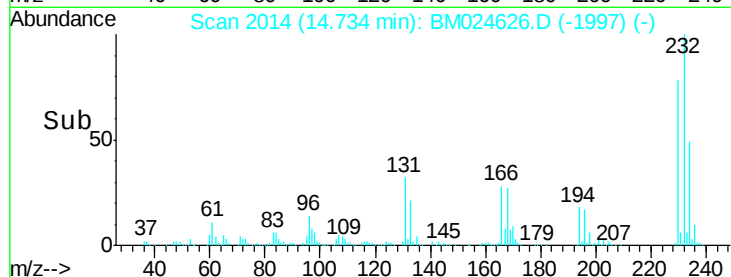
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.133 ng
RT: 14.73 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 678691
Ion Ratio Lower Upper
232 100
131 35.5 32.2 48.4
130 1.9 1.9 2.9#
166 28.4 23.4 35.0

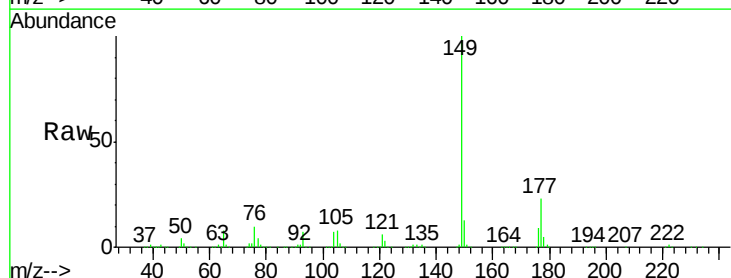


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

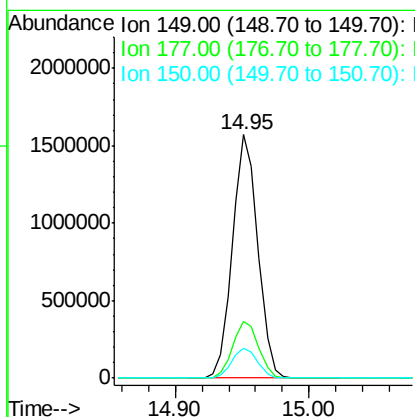
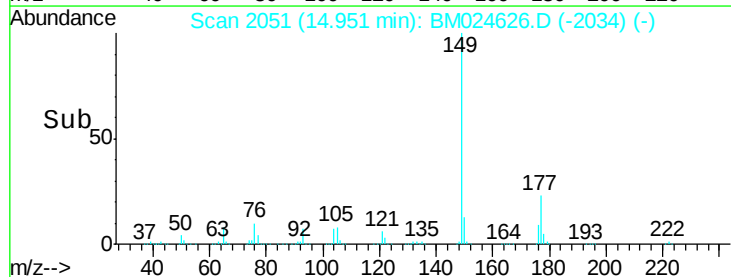


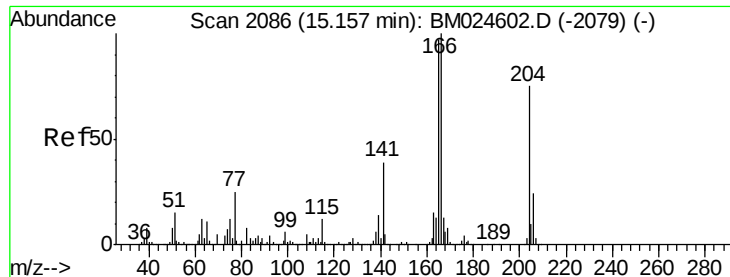
#60
Diethylphthalate
Concen: 36.046 ng
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Tgt Ion:149 Resp: 2075755
Ion Ratio Lower Upper
149 100
177 23.3 18.0 27.0
150 12.5 10.2 15.4



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

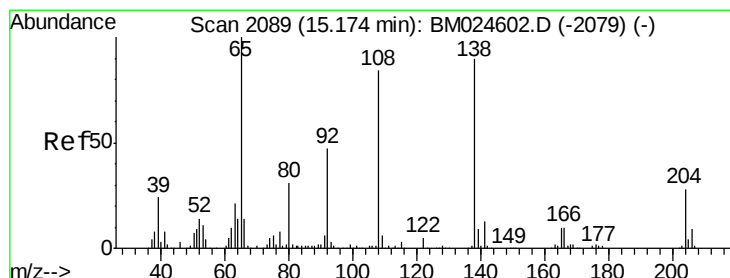
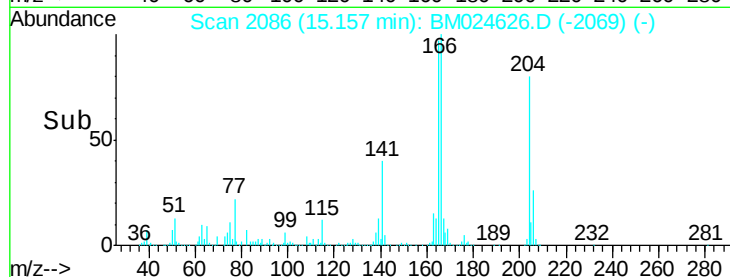
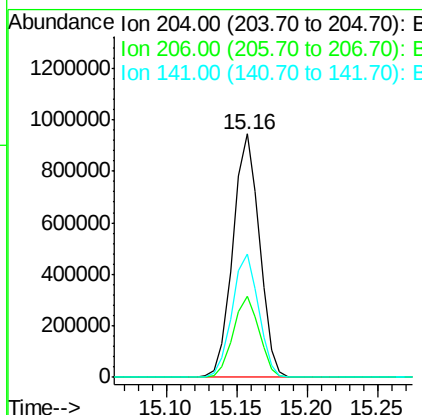
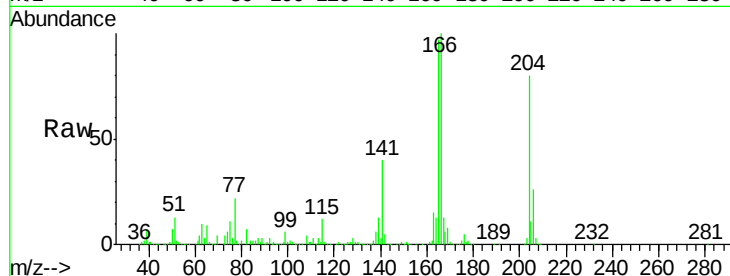




#61
4-Chlorophenyl-phenylether
Concen: 39.356 ng
RT: 15.16 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

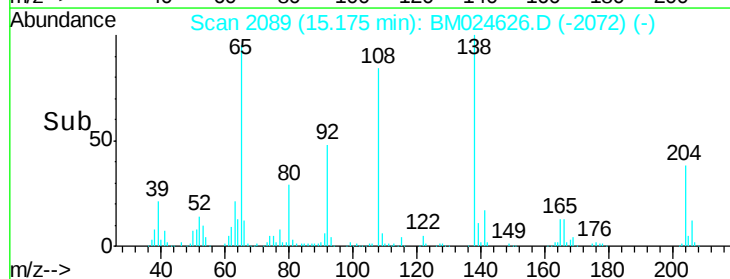
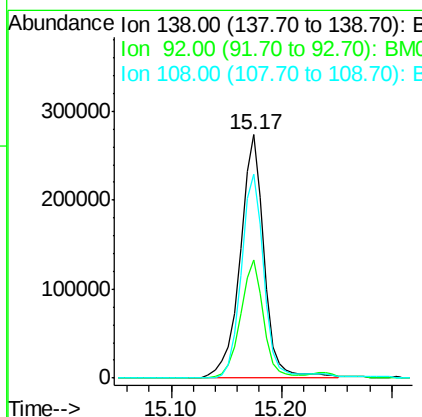
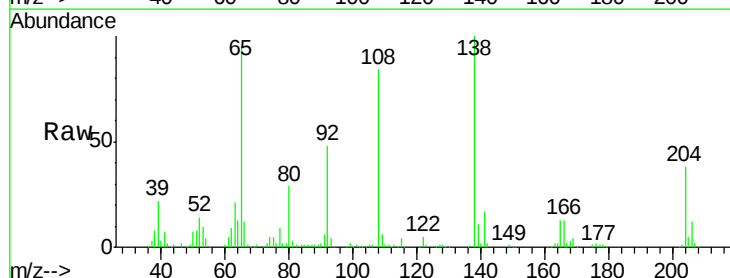
Instrument :
BNA_M
ClientSampled :

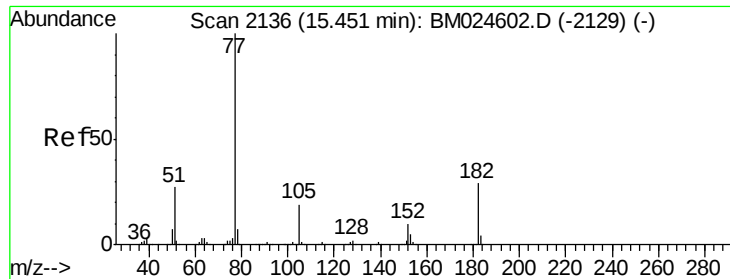
Tot Ion:204 Resp: 1238029
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 50.4 42.2 63.2



#62
4-Nitroaniline
Concen: 30.410 ng
RT: 15.17 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Tgt Ion:138 Resp: 419861
Ion Ratio Lower Upper
138 100
92 48.4 32.4 72.4
108 83.8 73.3 113.3





#63

Azobenzene

Concen: 34.091 ng

RT: 15.45 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1674585

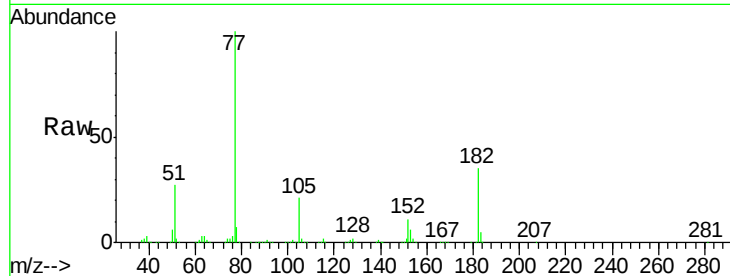
Ion	Ratio	Lower	Upper
77	100		
182	35.4	8.7	48.7
105	21.2	0.0	39.2
51	26.6	7.5	47.5

77 100

182 35.4 8.7 48.7

105 21.2 0.0 39.2

51 26.6 7.5 47.5

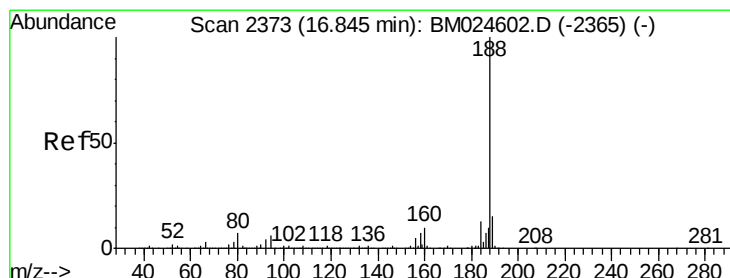
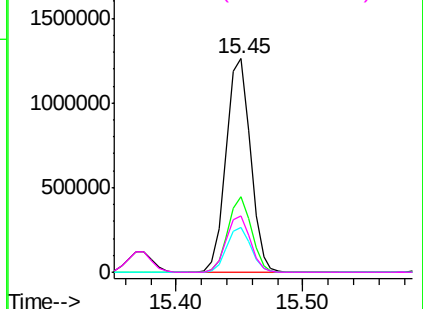
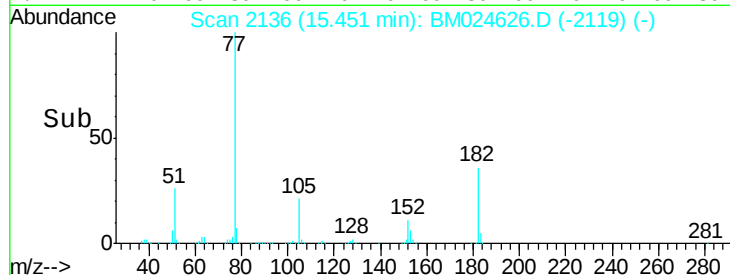


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.85 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

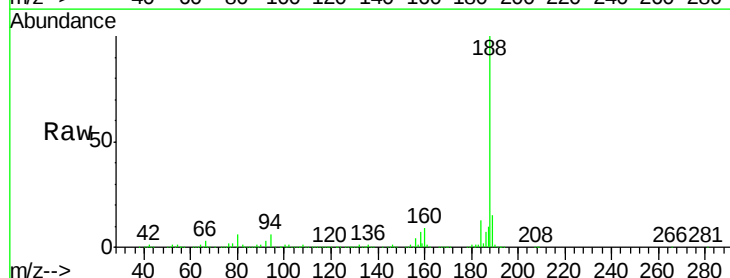
Tgt Ion: 188 Resp: 1417212

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.0	7.6
80	6.3	5.8	8.8

188 100

94 5.7 5.0 7.6

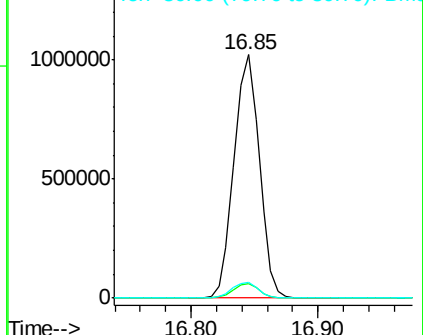
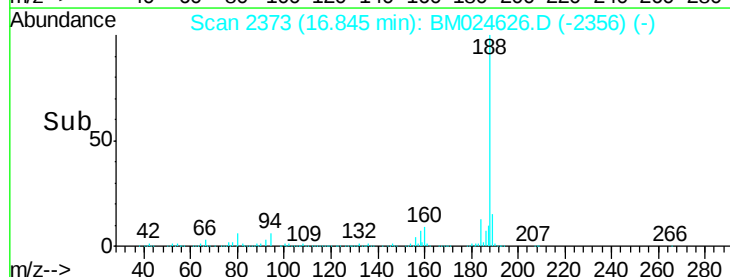
80 6.3 5.8 8.8

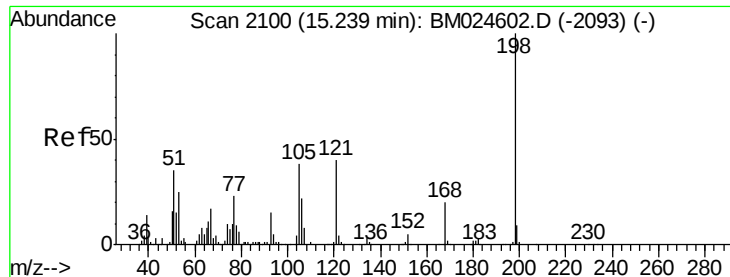


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

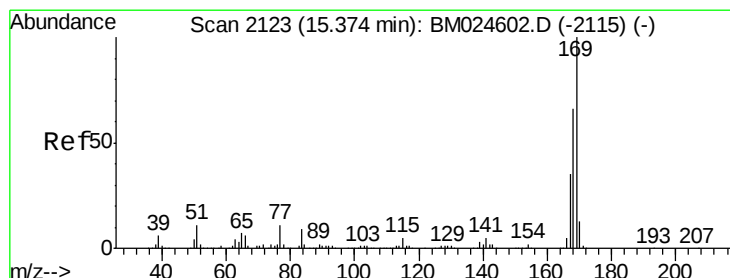
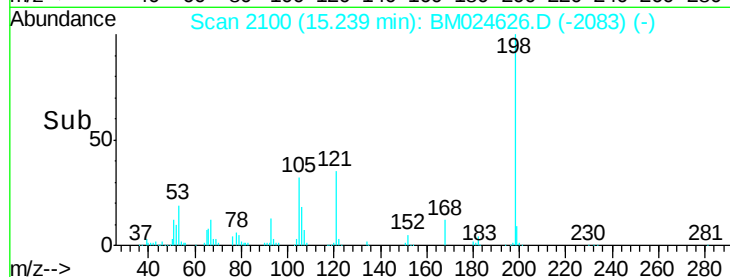
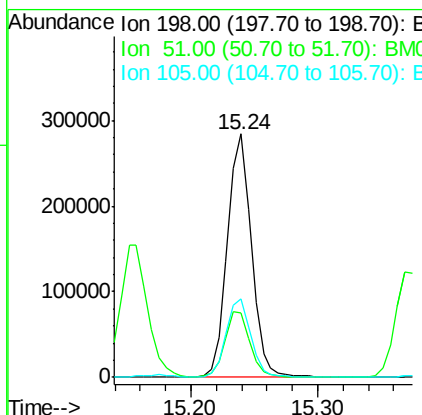
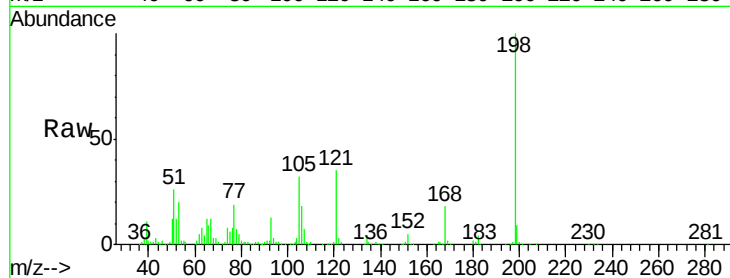




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.987 ng
 RT: 15.24 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BM024626.D
 Acq: 27 Jan 2020 14:03

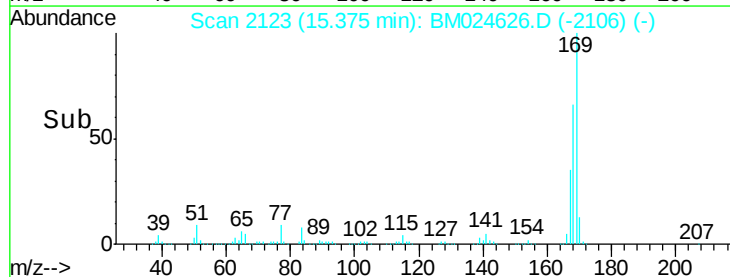
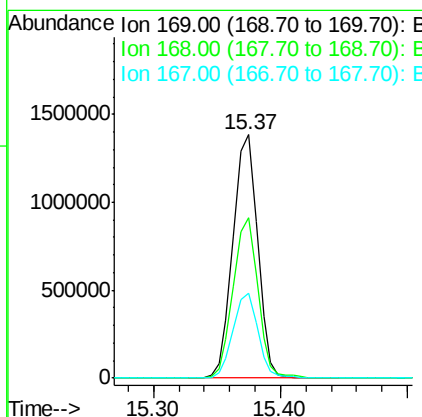
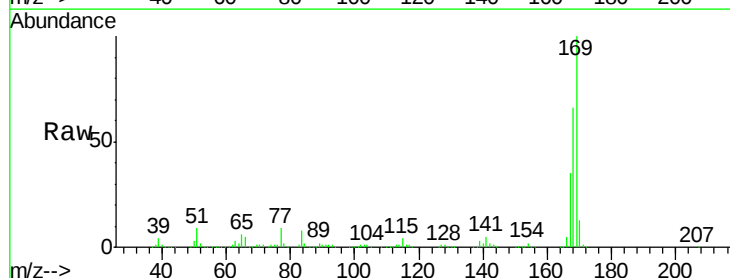
Instrument :
 BNA_M
 ClientSampleId :

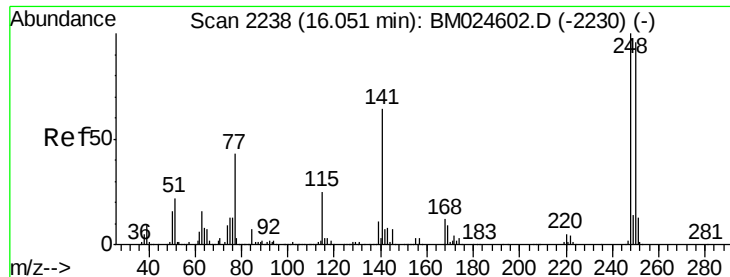
Tot Ion:198 Resp: 374871
 Ion Ratio Lower Upper
 198 100
 51 26.2 15.8 55.8
 105 32.1 18.5 58.5



#66
 n-Nitrosodiphenylamine
 Concen: 45.836 ng
 RT: 15.37 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BM024626.D
 Acq: 27 Jan 2020 14:03

Tgt Ion:169 Resp: 1865956
 Ion Ratio Lower Upper
 169 100
 168 65.8 52.8 79.2
 167 35.1 28.2 42.2

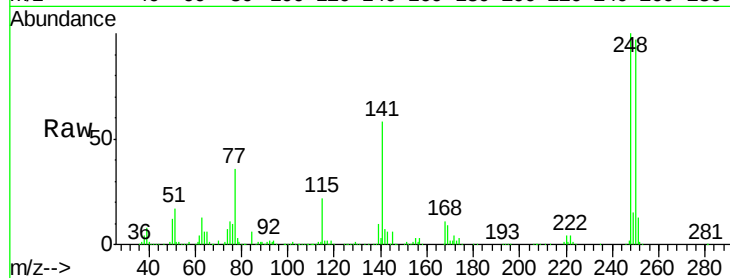




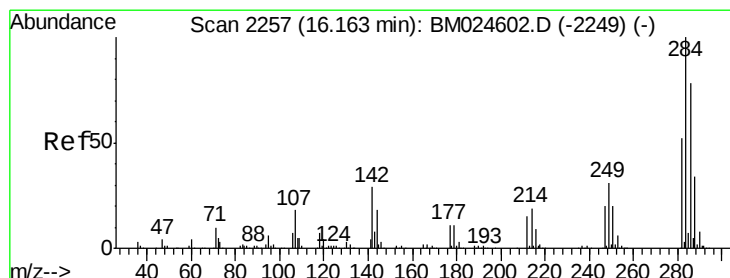
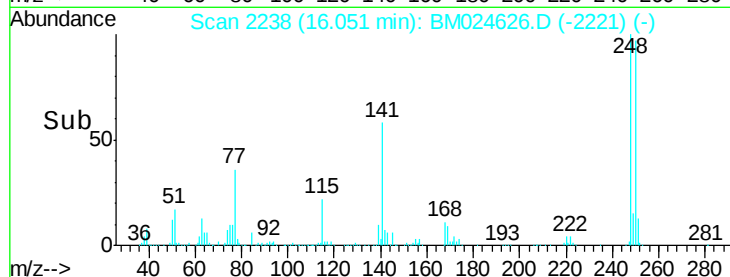
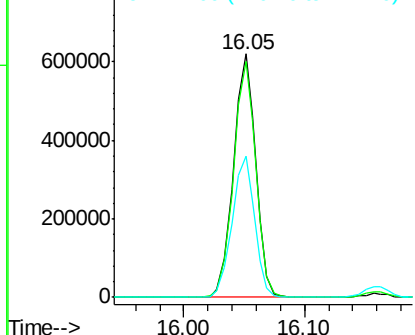
#67
 4-Bromophenyl-phenylether
 Concen: 45.119 ng
 RT: 16.05 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM024626.D
 Acq: 27 Jan 2020 14:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 795186
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.0 115.6
 141 58.0 50.9 76.3

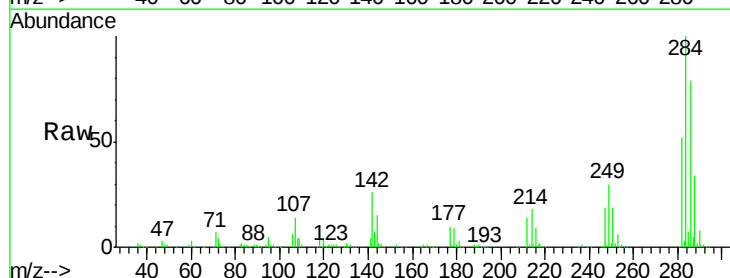


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

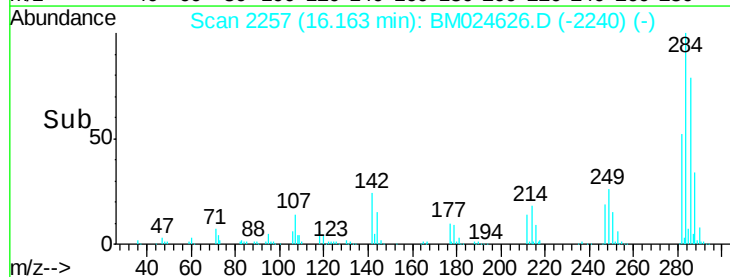
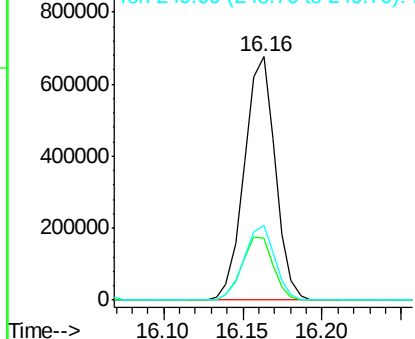


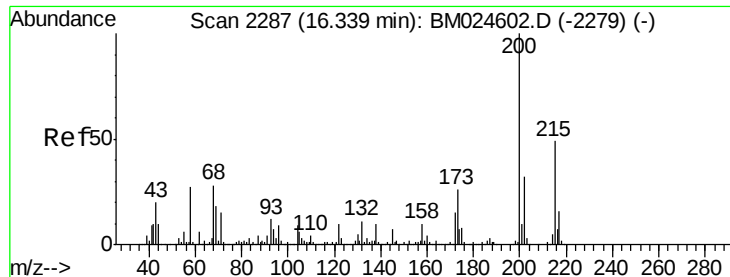
#68
 Hexachlorobenzene
 Concen: 45.208 ng
 RT: 16.16 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BM024626.D
 Acq: 27 Jan 2020 14:03

Tgt Ion:284 Resp: 914307
 Ion Ratio Lower Upper
 284 100
 142 25.6 23.5 35.3
 249 30.4 24.6 36.8



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





#69

Atrazine

Concen: 44.114 ng

RT: 16.34 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

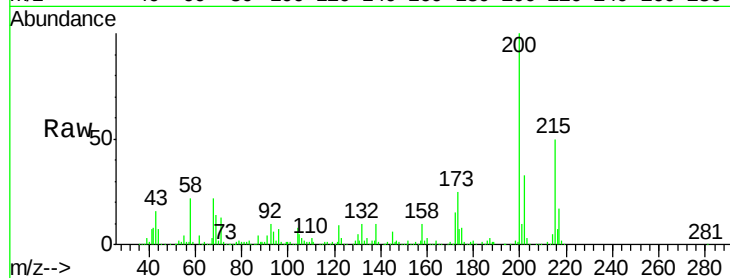
Tot Ion:200 Resp: 689339

Ion Ratio Lower Upper

200 100

173 25.0 5.5 45.5

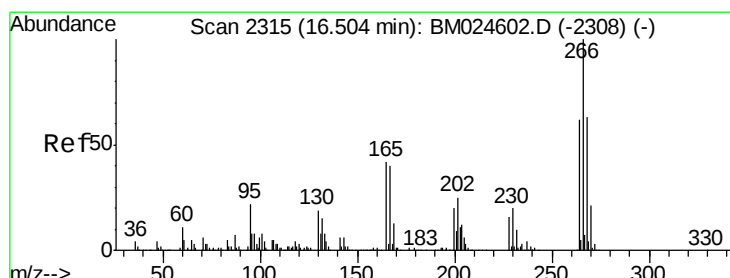
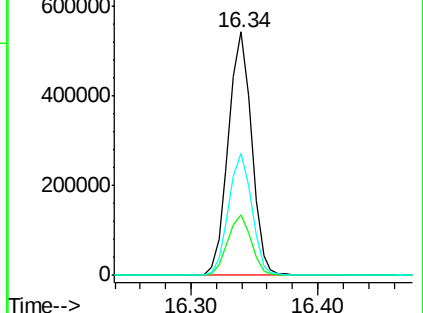
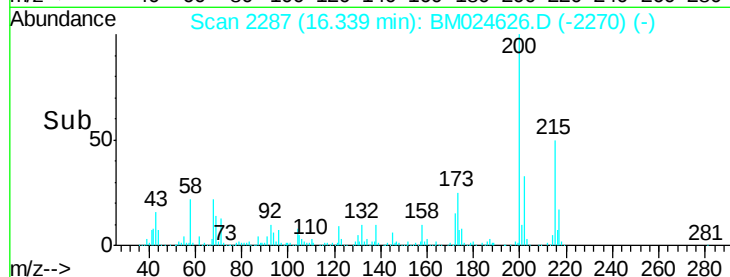
215 50.3 29.4 69.4



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: 87.942 ng

RT: 16.50 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

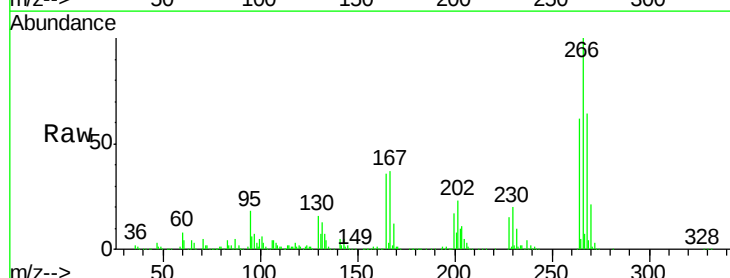
Tgt Ion:266 Resp: 1083368

Ion Ratio Lower Upper

266 100

268 63.5 50.4 75.6

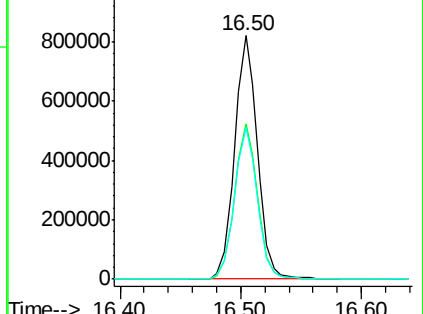
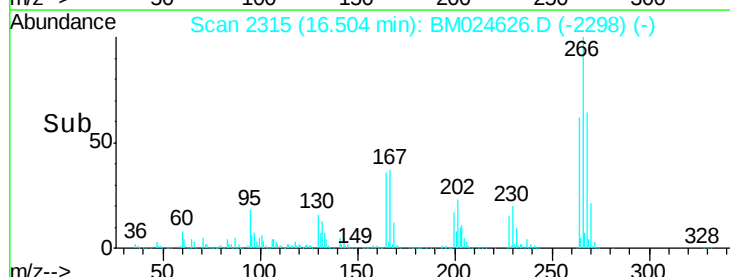
264 62.0 49.9 74.9

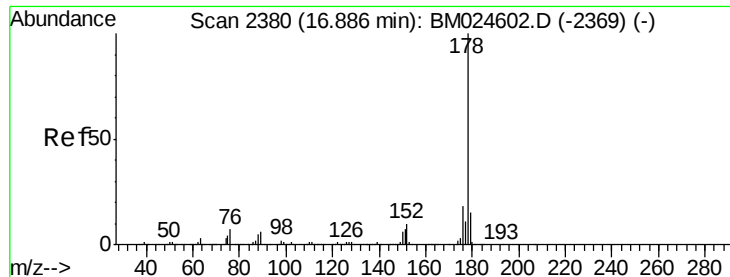


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

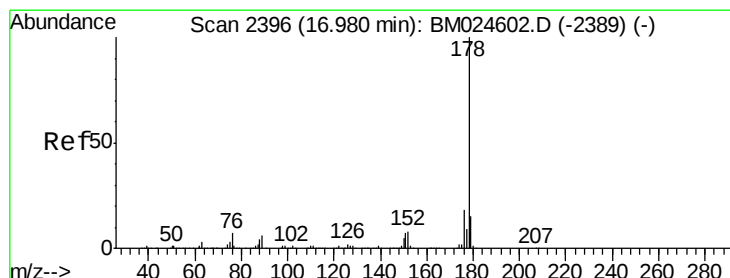
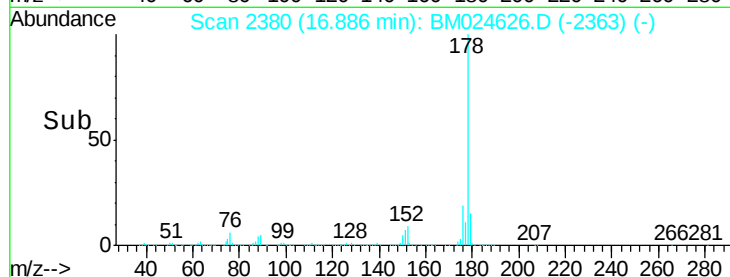
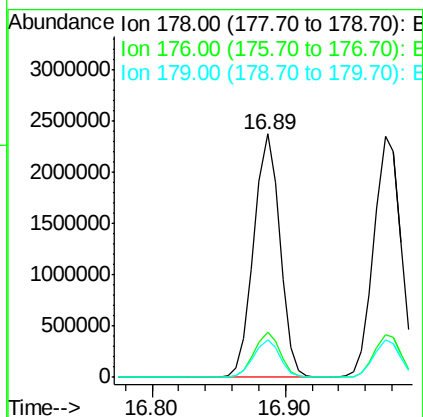
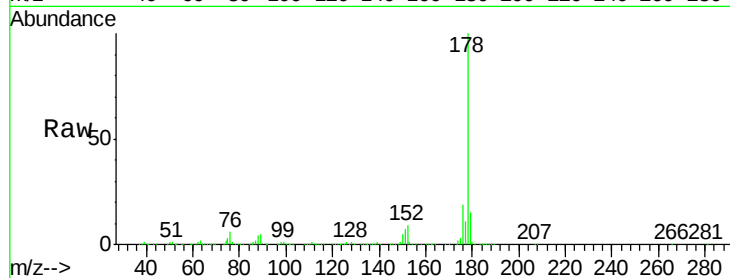




#71
Phenanthrene
Concen: 41.916 ng
RT: 16.89 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

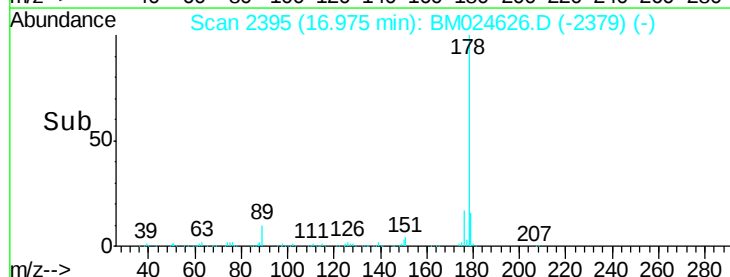
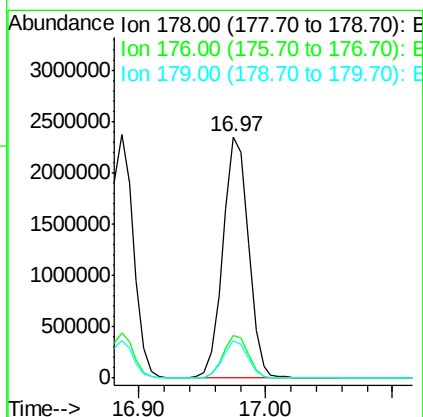
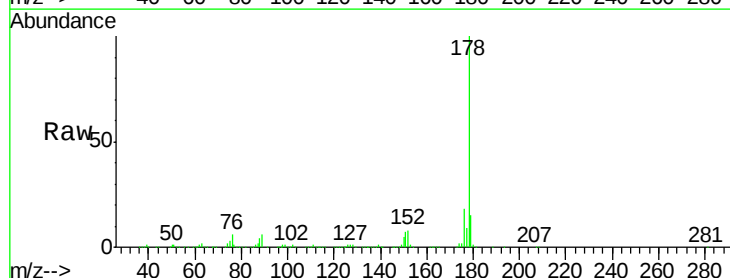
Instrument :
BNA_M
ClientSampleId :

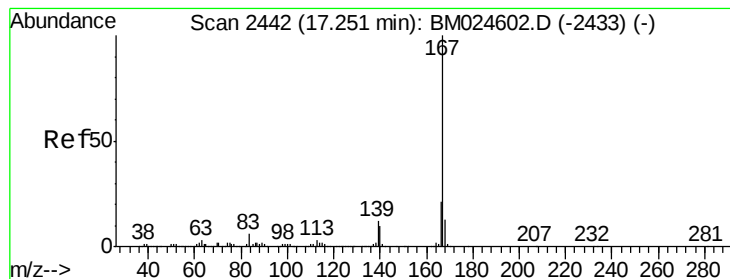
Tot Ion:178 Resp: 3216806
Ion Ratio Lower Upper
178 100
176 18.7 14.5 21.7
179 15.4 11.9 17.9



#72
Anthracene
Concen: 43.547 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Tgt Ion:178 Resp: 3270060
Ion Ratio Lower Upper
178 100
176 17.9 14.3 21.5
179 15.3 12.1 18.1





#73

Carbazole

Concen: 38.568 ng

RT: 17.25 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampled :

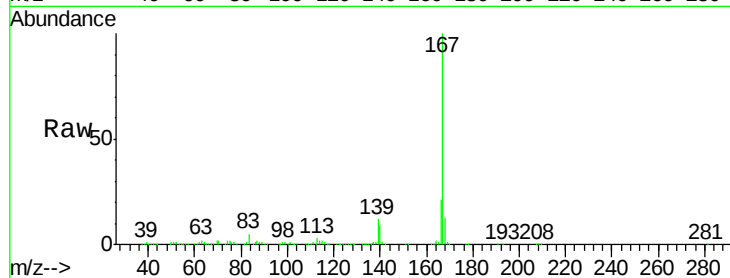
Tot Ion:167 Resp: 2636505

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

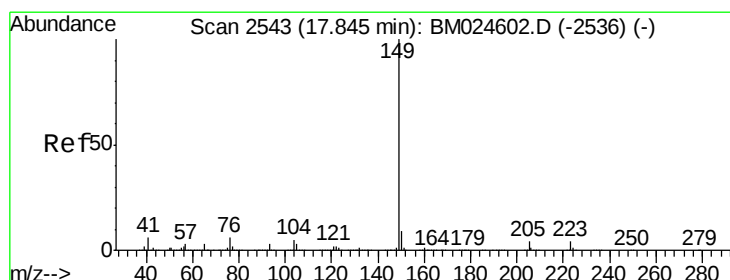
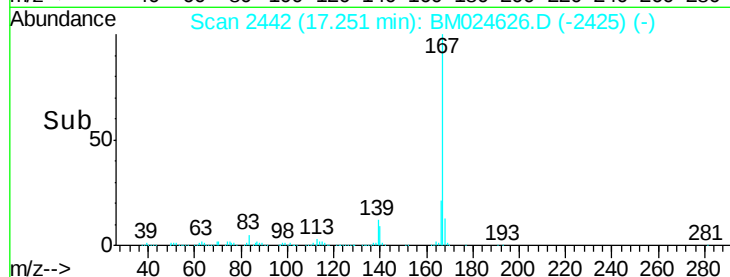
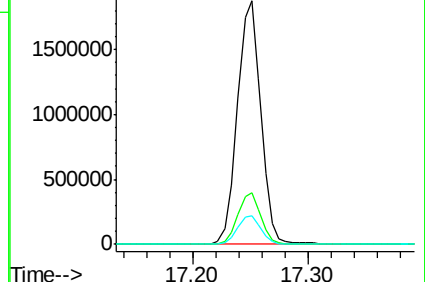
139 11.8 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 35.281 ng

RT: 17.85 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

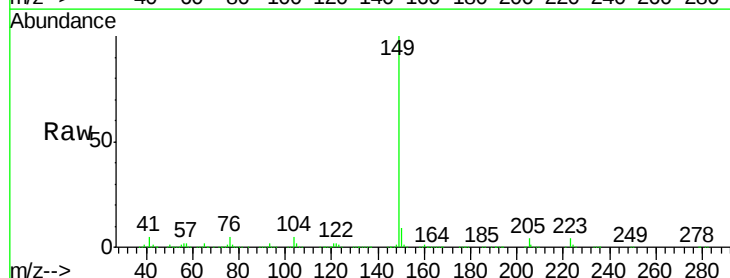
Tgt Ion:149 Resp: 3083251

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

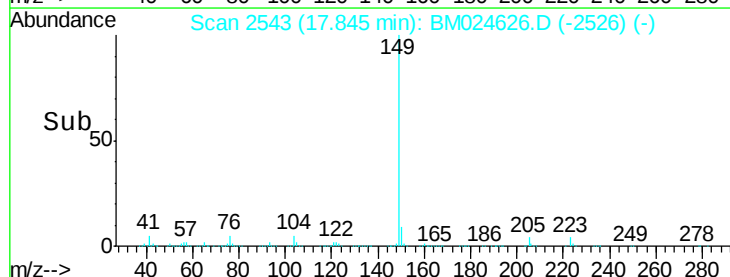
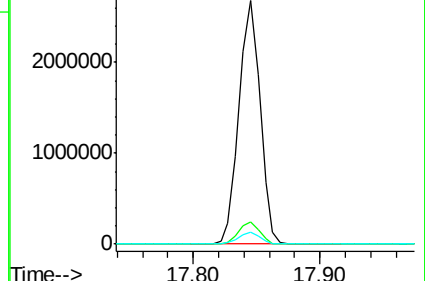
104 4.8 4.3 6.5

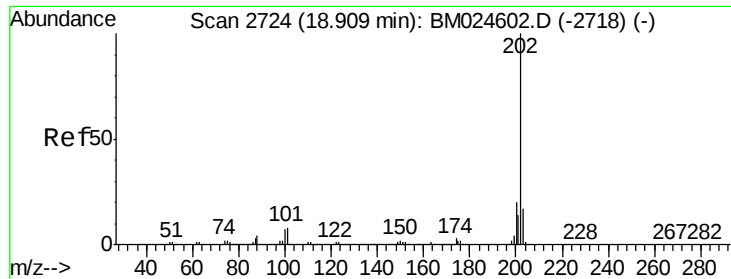


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.337 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

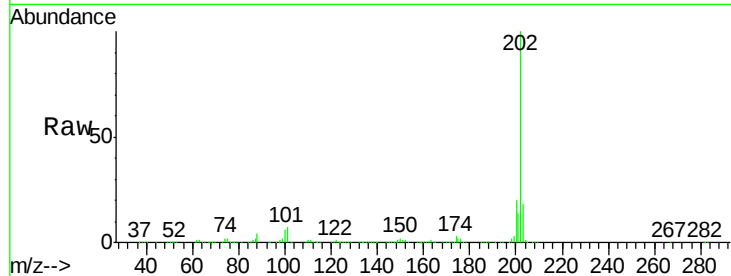
Tot Ion:202 Resp: 3480522

Ion Ratio Lower Upper

202 100

101 7.1 0.0 28.4

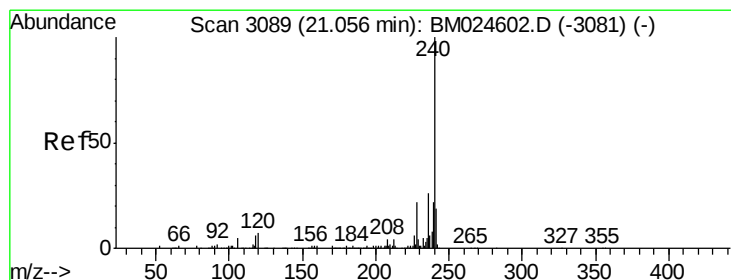
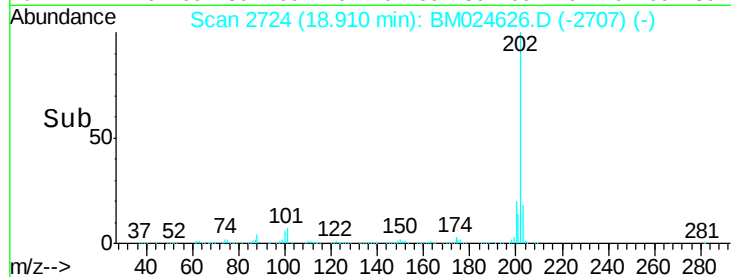
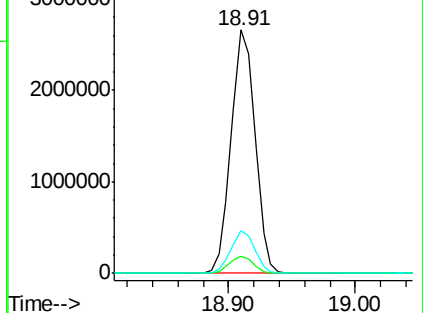
203 17.7 0.0 37.5



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: BM024626.D

Acq: 27 Jan 2020 14:03

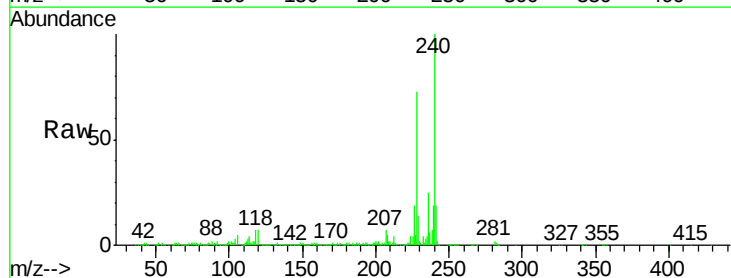
Tgt Ion:240 Resp: 995541

Ion Ratio Lower Upper

240 100

120 7.0 5.3 7.9

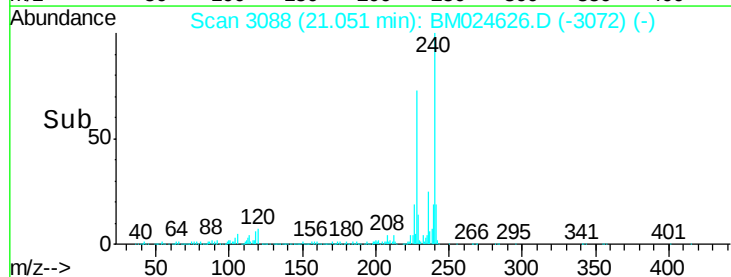
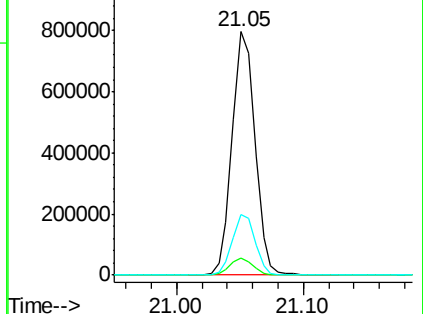
236 25.1 20.6 31.0

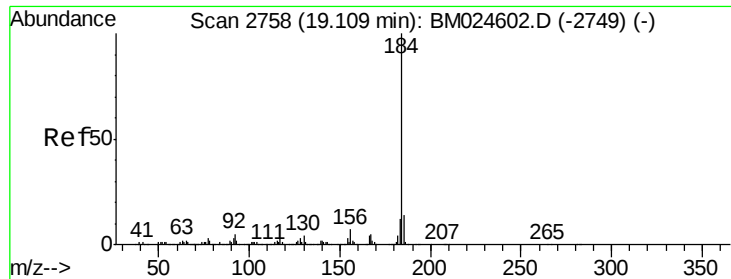


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 85.342 ng

RT: 19.11 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

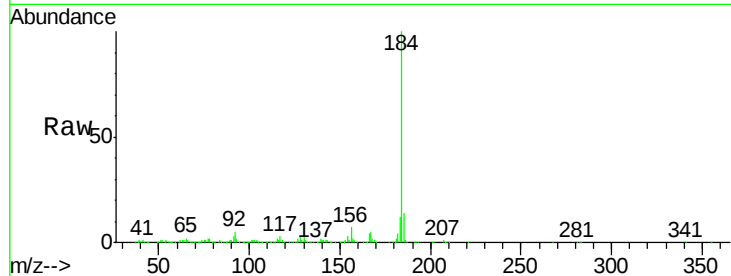
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1978635

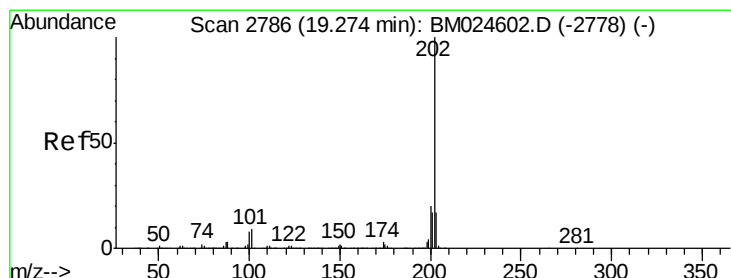
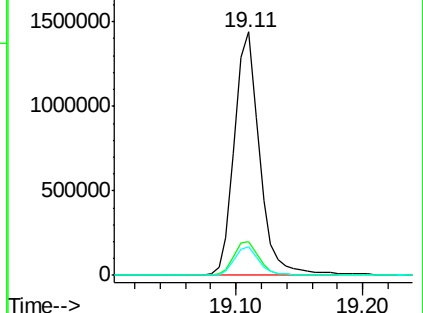
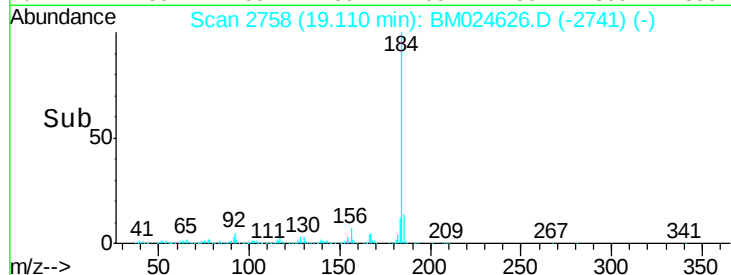
Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.3	16.9
183	11.9	9.6	14.4



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: 52.552 ng

RT: 19.27 min Scan# 2786

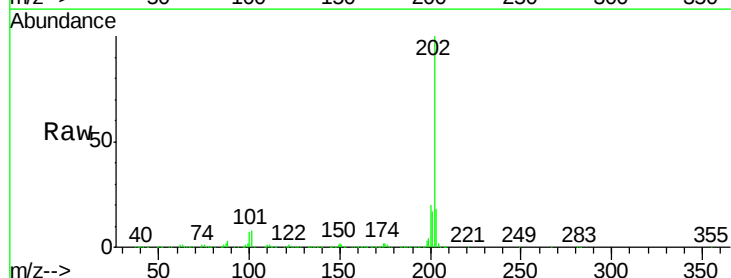
Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Tgt Ion:202 Resp: 3448985

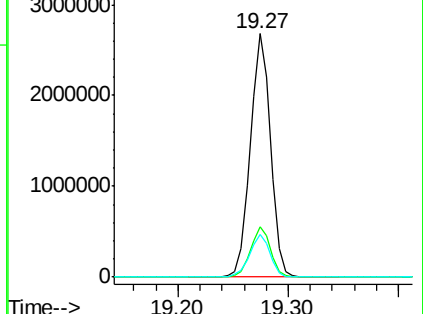
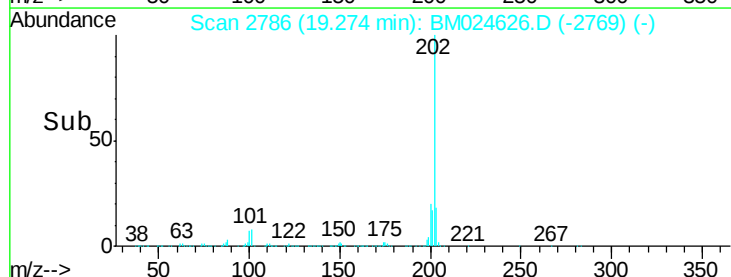
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.2
203	17.7	14.0	21.0

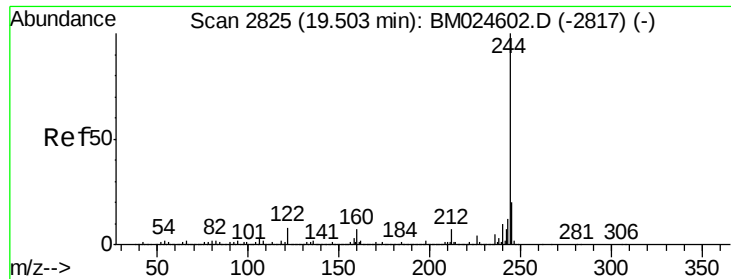


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.315 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampled :

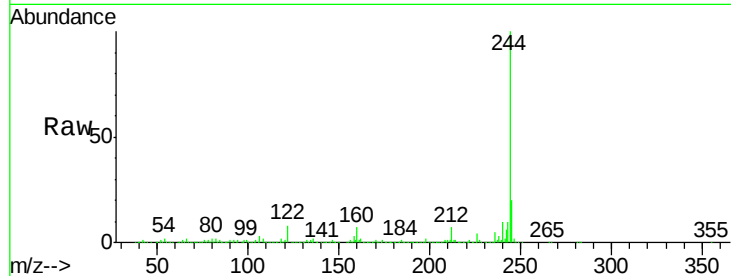
Tot Ion:244 Resp: 4869445

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

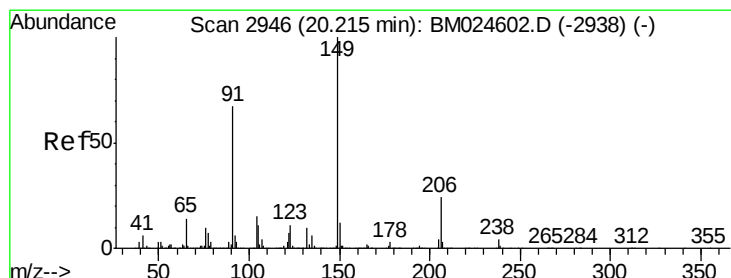
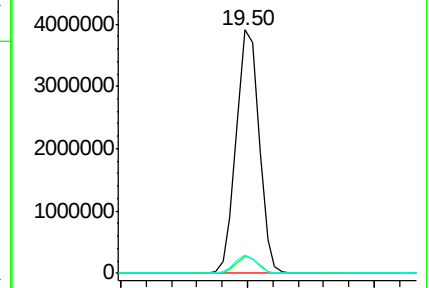
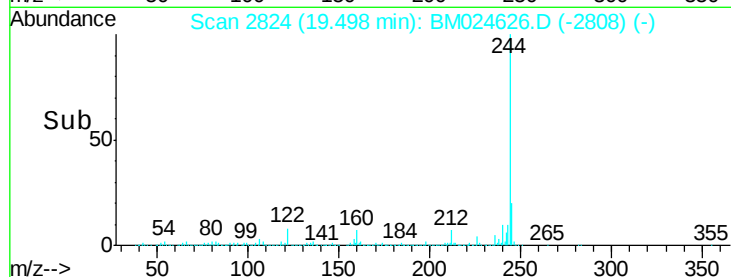
122 7.7 6.2 9.4



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: 38.750 ng

RT: 20.22 min Scan# 2946

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

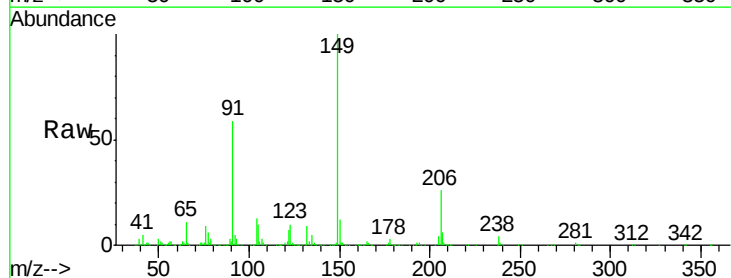
Tgt Ion:149 Resp: 1067128

Ion Ratio Lower Upper

149 100

91 59.3 53.9 80.9

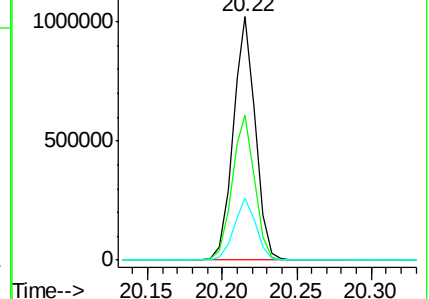
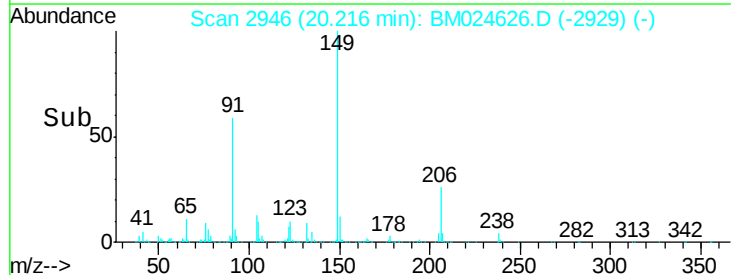
206 25.5 19.0 28.6

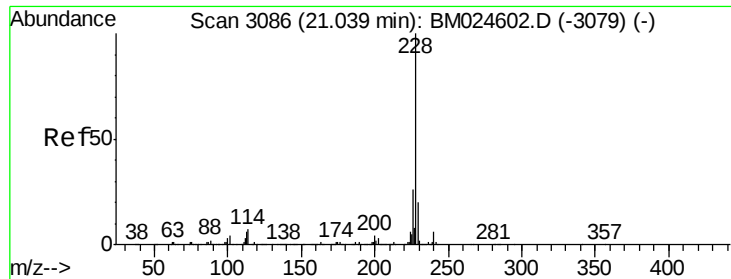


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

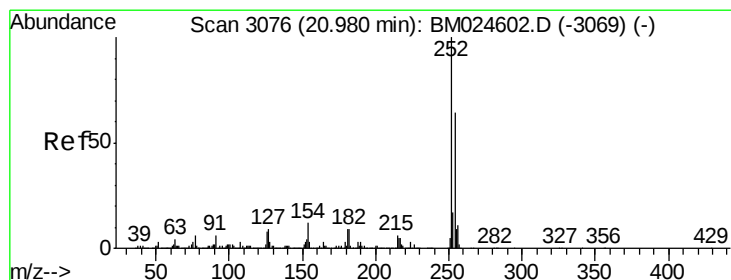
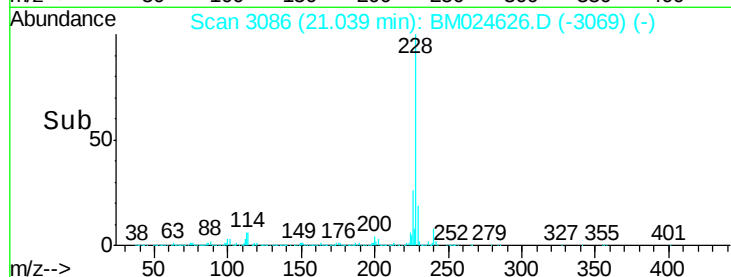
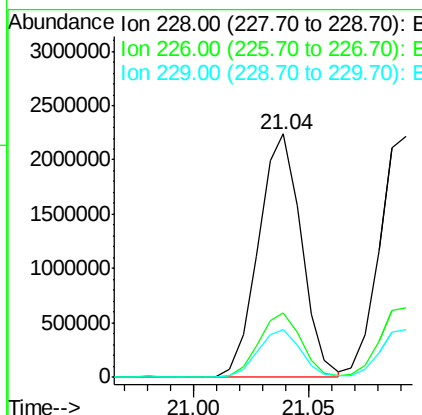
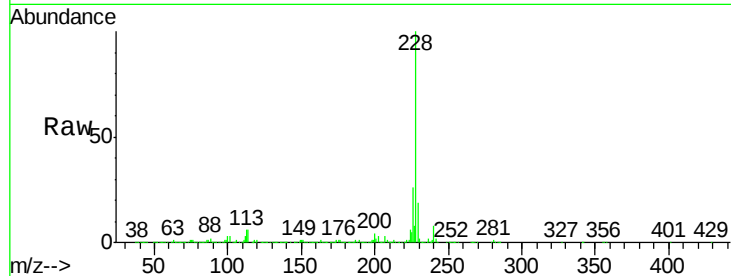




#81
Benzo(a)anthracene
Concen: 41.786 ng
RT: 21.04 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

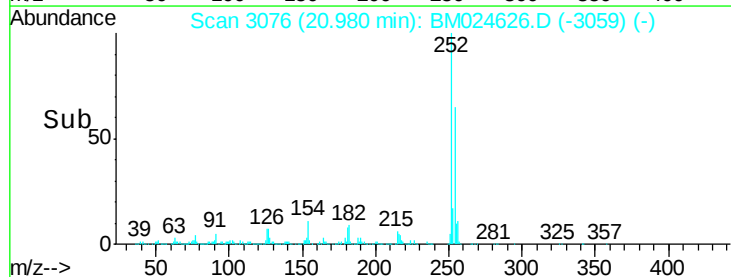
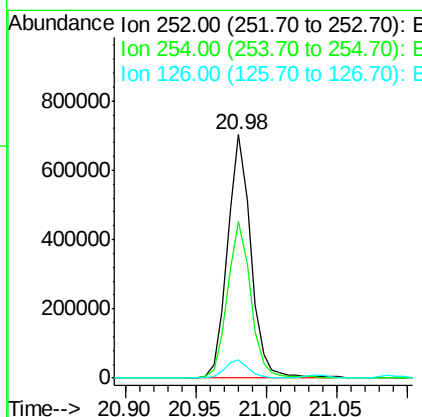
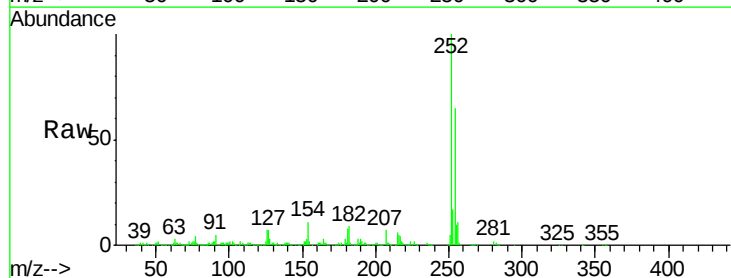
Instrument :
BNA_M
ClientSampleId :

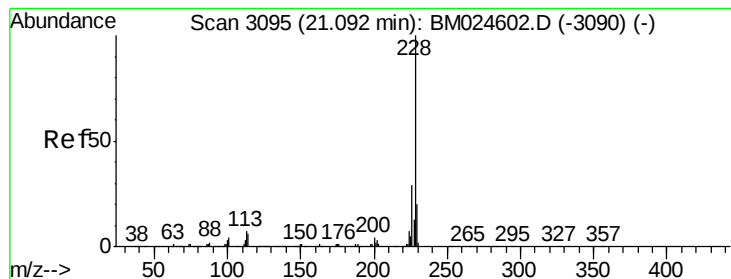
Tot Ion:228 Resp: 2887278
Ion Ratio Lower Upper
228 100
226 26.4 21.1 31.7
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 32.658 ng
RT: 20.98 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BM024626.D
Acq: 27 Jan 2020 14:03

Tgt Ion:252 Resp: 811732
Ion Ratio Lower Upper
252 100
254 64.5 51.5 77.3
126 7.4 6.7 10.1





#83

Chrvsene

Concen: 42.361 ng

RT: 21.09 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

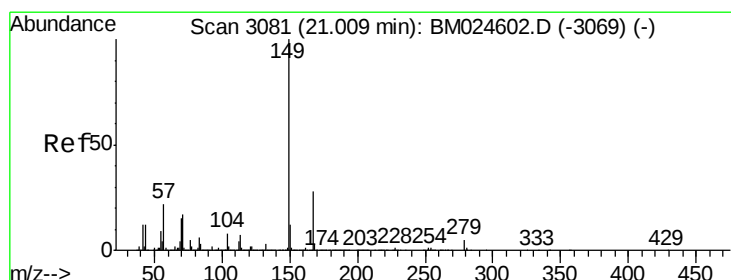
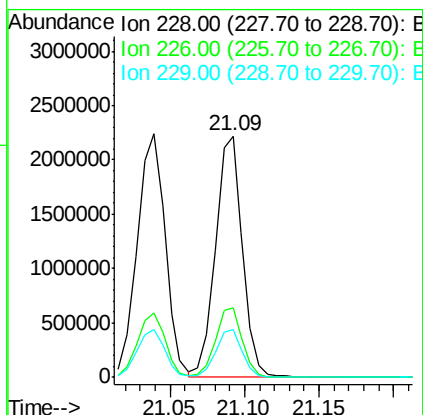
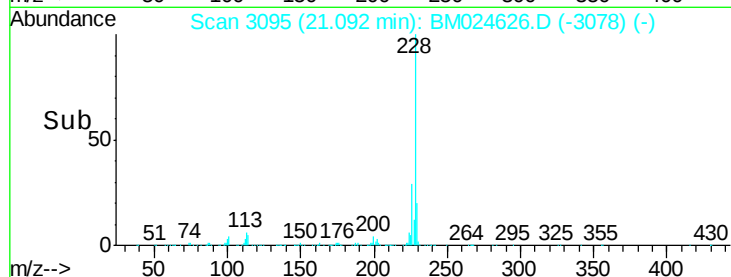
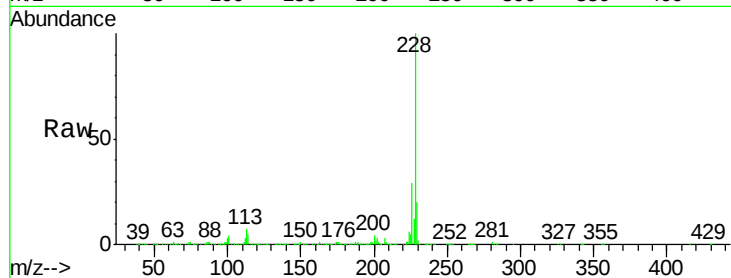
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2792972

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.2	34.8
229	19.5	15.7	23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.173 ng

RT: 21.01 min Scan# 3081

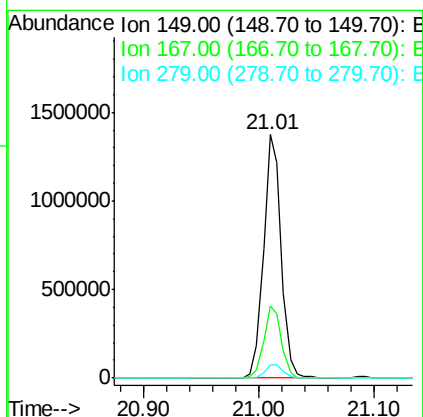
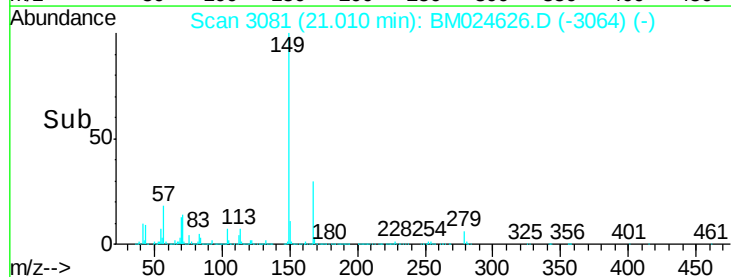
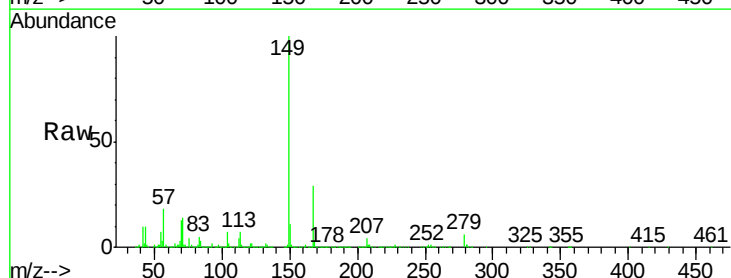
Delta R.T. 0.00 min

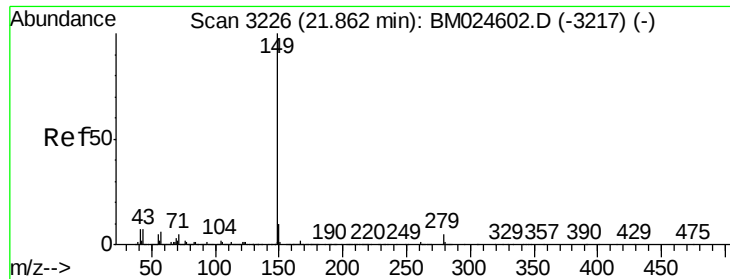
Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Tgt Ion:149 Resp: 1469877

Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.5	33.7
279	5.5	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 32.987 ng

RT: 21.86 min Scan# 3226

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampled :

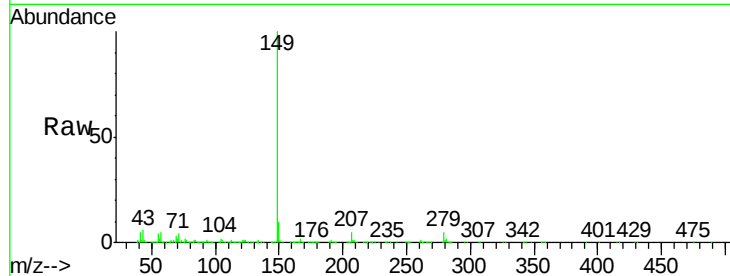
Tot Ion:149 Resp: 2214494

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

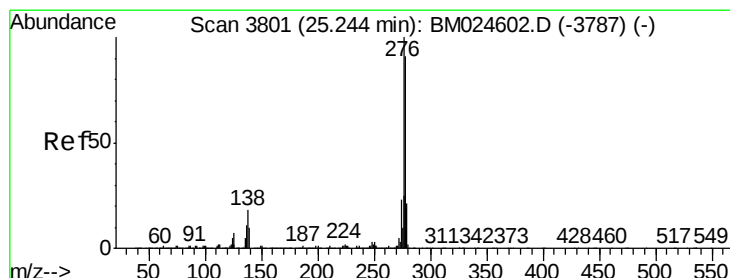
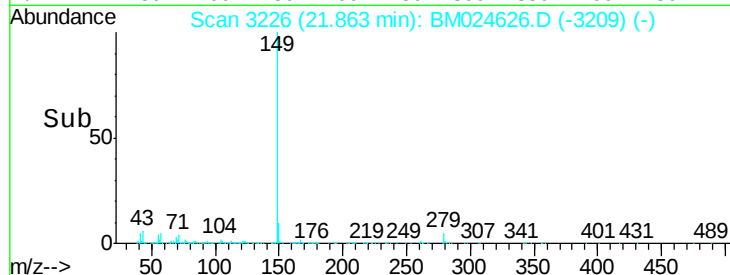
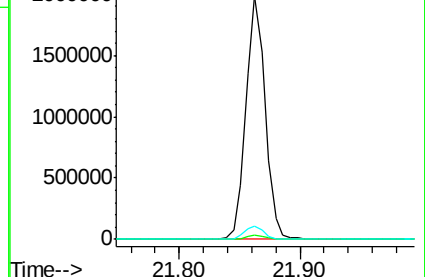
43 5.7 5.8 8.6#



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: 39.325 ng

RT: 25.24 min Scan# 3800

Delta R.T. -0.01 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

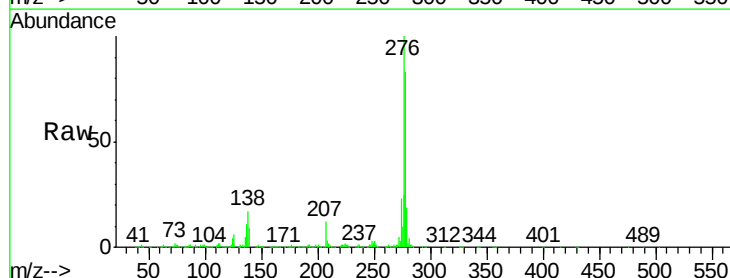
Tgt Ion:276 Resp: 2825989

Ion Ratio Lower Upper

276 100

138 16.5 13.4 20.0

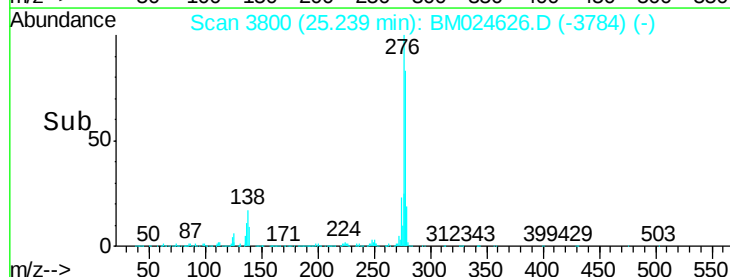
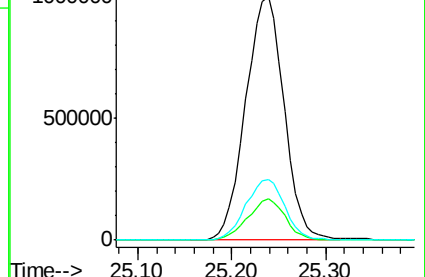
277 25.4 19.6 29.4

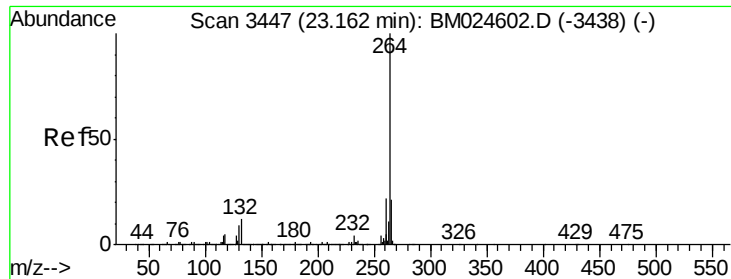


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3447

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

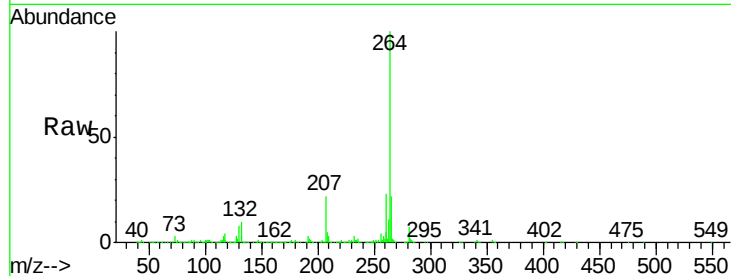
Tot Ion:264 Resp: 939474

Ion Ratio Lower Upper

264 100

260 22.7 17.9 26.9

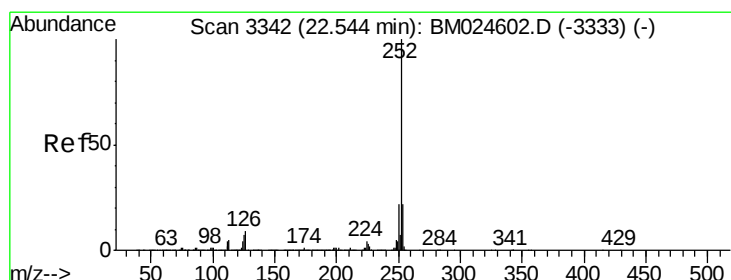
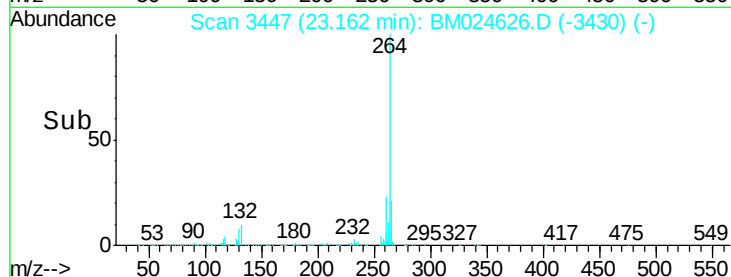
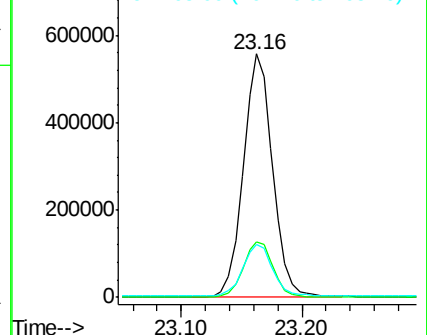
265 21.8 17.3 25.9



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: 43.982 ng

RT: 22.54 min Scan# 3342

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

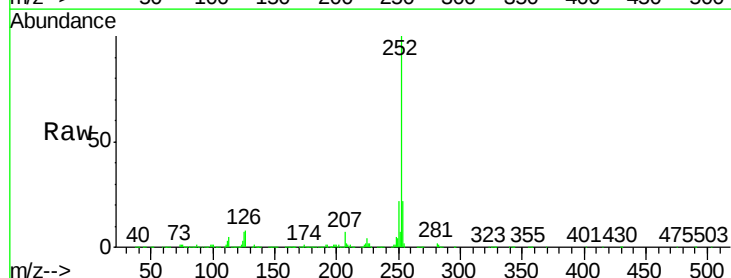
Tgt Ion:252 Resp: 2679941

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

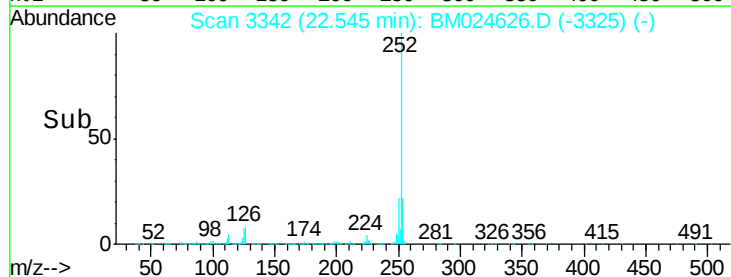
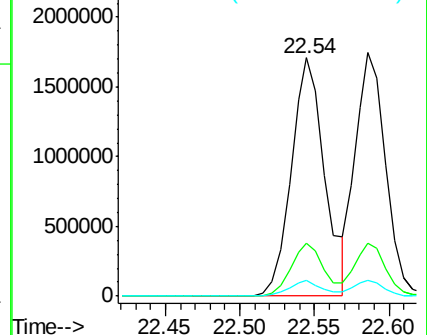
125 6.6 5.7 8.5

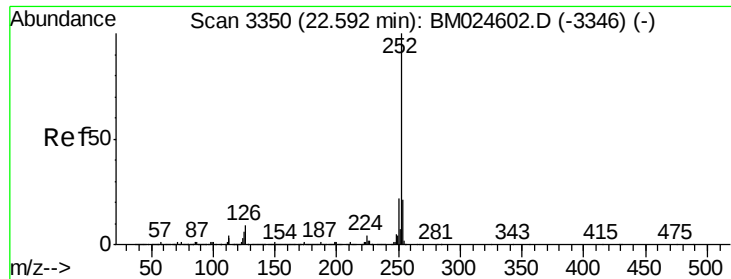


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.665 ng

RT: 22.59 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Instrument :

BNA_M

ClientSampleId :

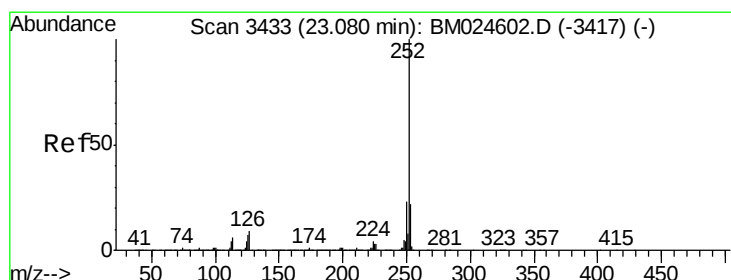
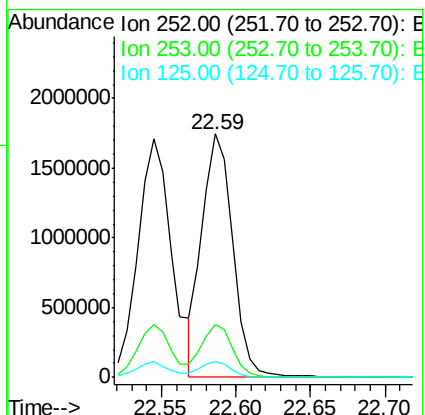
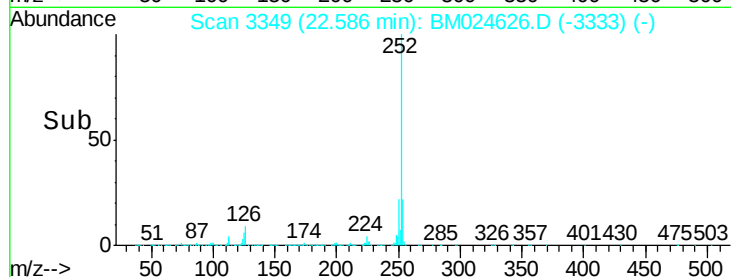
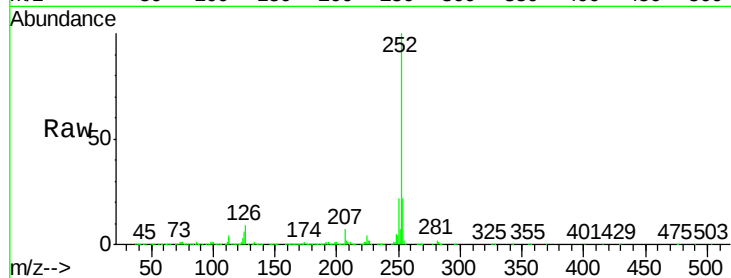
Tot Ion:252 Resp: 2478025

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 6.3 5.2 7.8



#90

Benzo(a)pyrene

Concen: 41.266 ng

RT: 23.07 min Scan# 3432

Delta R.T. -0.01 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

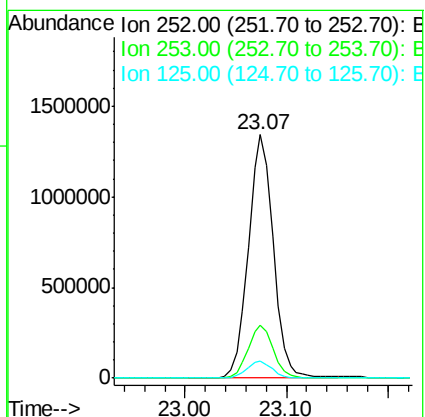
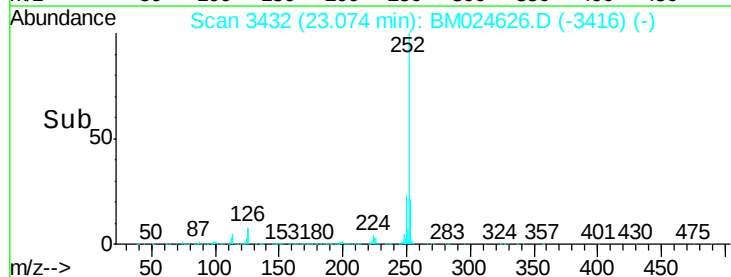
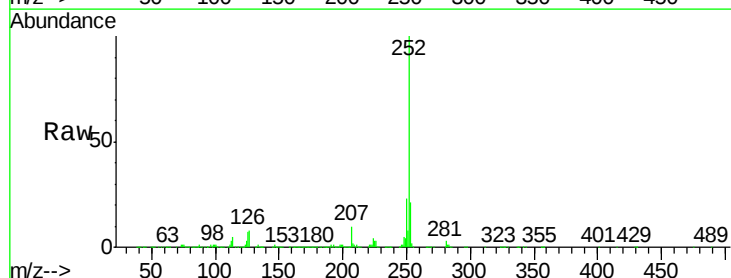
Tgt Ion:252 Resp: 2286040

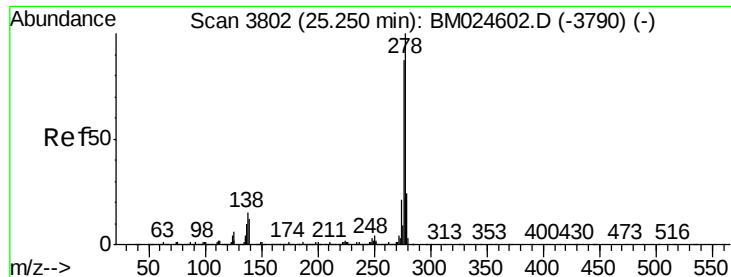
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 6.9 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 45.626 ng

RT: 25.25 min Scan# 3802

Delta R.T. 0.00 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

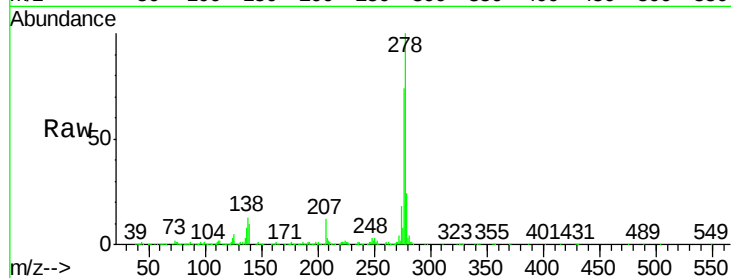
Instrument :

BNA_M

ClientSampled :

Tot Ion:278 Resp: 2399018

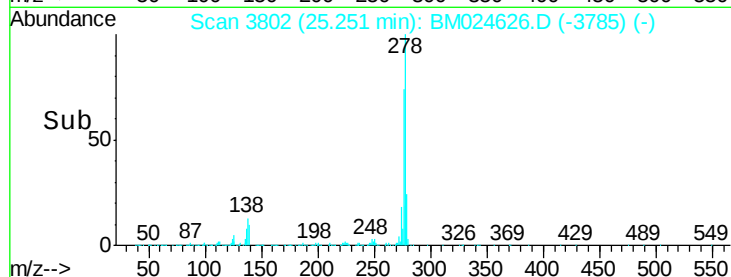
Ion	Ratio	Lower	Upper
278	100		
139	10.4	9.3	13.9
279	24.2	18.9	28.3



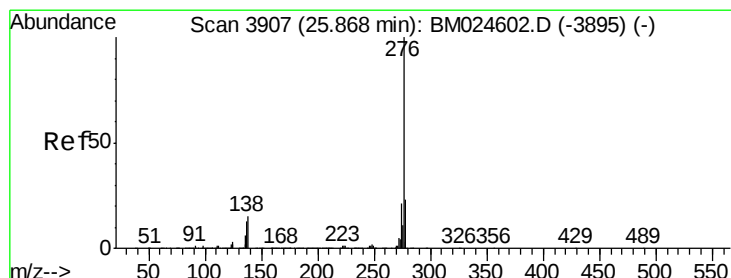
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 25.10 25.20 25.30



#92

Benzo(g,h,i)perylene

Concen: 50.181 ng

RT: 25.86 min Scan# 3906

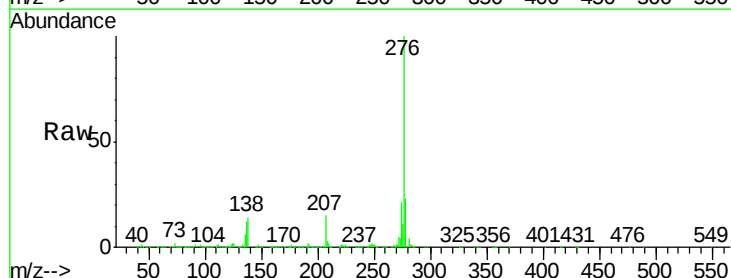
Delta R.T. -0.01 min

Lab File: BM024626.D

Acq: 27 Jan 2020 14:03

Tgt Ion:276 Resp: 2395817

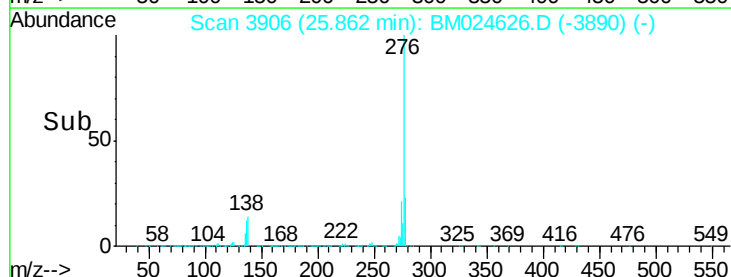
Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	13.6	11.9	17.9



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



Time--> 25.70 25.80 25.90