

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
 Data File : BM024625.D
 Acq On : 27 Jan 2020 13:20
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 28 05:34:12 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	7.44	152	270008	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1050027	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	768774	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1800507	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1835888	20.00	ng	0.00
87) Perylene-d12	23.16	264	1839507	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	1205142	84.88	ng	0.00
7) Phenol-d6	6.64	99	1584242	81.00	ng	0.00
23) Nitrobenzene-d5	8.59	82	1695756	79.20	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1184362	94.71	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	4977407	88.02	ng	0.00
79) Terphenyl-d14	19.50	244	9276532	94.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	241497	43.000	ng	91
3) Pyridine	3.45	79	637893	39.180	ng	94
4) n-Nitrosodimethylamine	3.37	42	258415	35.758	ng	84
6) Aniline	6.78	93	964823	40.522	ng	95
8) 2-Chlorophenol	7.02	128	691286	42.771	ng	92
9) Benzaldehyde	6.59	77	412837	35.723	ng	89
10) Phenol	6.67	94	781482	40.084	ng	96
11) bis(2-Chloroethyl)ether	6.89	93	631122	40.437	ng	95
12) 1,3-Dichlorobenzene	7.33	146	891396	44.894	ng	97
13) 1,4-Dichlorobenzene	7.47	146	894880	44.426	ng	98
14) 1,2-Dichlorobenzene	7.79	146	854005	43.922	ng	98
15) Benzyl Alcohol	7.69	79	621313	38.529	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.98	45	502994	35.204	ng	97
17) 2-Methylphenol	7.89	107	567079	41.276	ng	96
18) Hexachloroethane	8.50	117	325530	41.850	ng	95
19) n-Nitroso-di-n-propylamine	8.26	70	537384	36.595	ng	94
20) 3+4-Methylphenols	8.22	107	775636	40.784	ng	97
22) Acetophenone	8.26	105	1126672	41.612	ng	95
24) Nitrobenzene	8.63	77	812569	39.603	ng	94
25) Isophorone	9.15	82	1447012	39.775	ng	97
26) 2-Nitrophenol	9.33	139	427482	44.994	ng	91
27) 2,4-Dimethylphenol	9.41	122	562843	43.595	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	930816	41.883	ng	98
29) 2,4-Dichlorophenol	9.86	162	817095	46.844	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	996210	47.355	ng	98
31) Naphthalene	10.25	128	2330274	43.939	ng	100
32) Benzoic acid	9.58	122	461753	39.098	ng	95
33) 4-Chloroaniline	10.36	127	1032147	44.401	ng	96
34) Hexachlorobutadiene	10.56	225	689329	47.401	ng	99
35) Caprolactam	11.16	113	236258	42.218	ng	87
36) 4-Chloro-3-methylphenol	11.51	107	782062	42.165	ng	91
37) 2-Methylnaphthalene	11.87	142	1828372	44.674	ng	99
38) 1-Methylnaphthalene	12.10	142	1739012	44.669	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1235017	45.012	ng	99

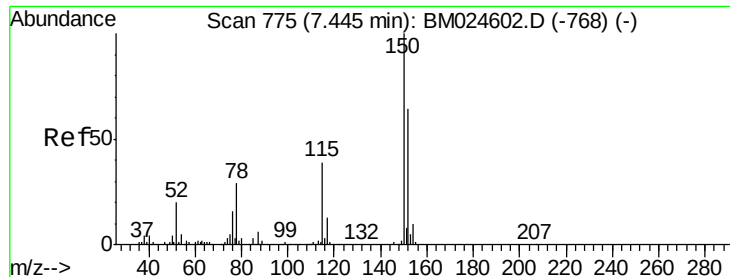
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
 Data File : BM024625.D
 Acq On : 27 Jan 2020 13:20
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 28 05:34:12 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)
41) Hexachlorocyclopentadiene	12.25	237	716492	46.588	ng	99
43) 2,4,6-Trichlorophenol	12.50	196	787107	45.080	ng	99
44) 2,4,5-Trichlorophenol	12.58	196	809357	45.389	ng	95
46) 1,1'-Biphenyl	12.92	154	2568037	44.140	ng	99
47) 2-Chloronaphthalene	12.95	162	2072426	44.124	ng	97
48) 2-Nitroaniline	13.16	65	532101	37.145	ng	# 84
49) Acenaphthylene	13.81	152	3088543	43.926	ng	100
50) Dimethylphthalate	13.57	163	2746450	44.180	ng	100
51) 2,6-Dinitrotoluene	13.67	165	597718	45.224	ng	# 85
52) Acenaphthene	14.16	154	1907354	43.716	ng	99
53) 3-Nitroaniline	14.00	138	593105	43.267	ng	93
54) 2,4-Dinitrophenol	14.21	184	362119	45.817	ng	# 87
55) Dibenzofuran	14.50	168	3165744	44.490	ng	97
56) 4-Nitrophenol	14.33	139	467283	43.608	ng	87
57) 2,4-Dinitrotoluene	14.47	165	852102	44.985	ng	89
58) Fluorene	15.15	166	2607102	43.599	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	819254	45.305	ng	95
60) Diethylphthalate	14.95	149	2705503	42.869	ng	98
61) 4-Chlorophenyl-phenylether	15.16	204	1498502	43.466	ng	97
62) 4-Nitroaniline	15.17	138	650585	42.996	ng	94
63) Azobenzene	15.45	77	2040490	37.904	ng	93
65) 4,6-Dinitro-2-methylphenol	15.24	198	486712	45.974	ng	86
66) n-Nitrosodiphenylamine	15.37	169	2288657	44.251	ng	100
67) 4-Bromophenyl-phenylether	16.05	248	1027211	45.877	ng	95
68) Hexachlorobenzene	16.16	284	1214704	47.275	ng	96
69) Atrazine	16.34	200	806734	40.636	ng	99
70) Pentachlorophenol	16.50	266	723894	46.252	ng	99
71) Phenanthrene	16.89	178	4323334	44.342	ng	99
72) Anthracene	16.97	178	4255197	44.603	ng	100
73) Carbazole	17.25	167	3856042	44.400	ng	99
74) Di-n-butylphthalate	17.84	149	4709940	42.421	ng	99
75) Fluoranthene	18.91	202	5417802	44.521	ng	98
77) Benzidine	19.10	184	2270380	53.102	ng	99
78) Pyrene	19.27	202	5590344	46.190	ng	100
80) Butylbenzylphthalate	20.22	149	2172611	42.780	ng	93
81) Benzo(a)anthracene	21.04	228	5617052	44.083	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	2096924	45.748	ng	99
83) Chrysene	21.09	228	5352825	44.025	ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	3130019	41.770	ng	98
85) Di-n-octyl phthalate	21.86	149	5014300	40.503	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.24	276	5145166	38.825	ng	99
88) Benzo(b)fluoranthene	22.54	252	5440610	45.602	ng	100
89) Benzo(k)fluoranthene	22.59	252	5310438	45.601	ng	99
90) Benzo(a)pyrene	23.08	252	4879055	44.981	ng	100
91) Dibenzo(a,h)anthracene	25.26	278	4282580	41.597	ng	99
92) Benzo(g,h,i)perylene	25.87	276	4011700	42.914	ng	99

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

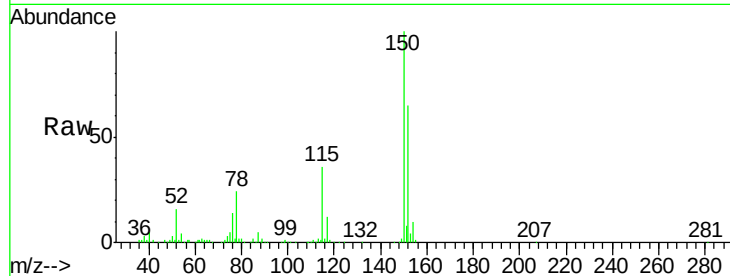


#1

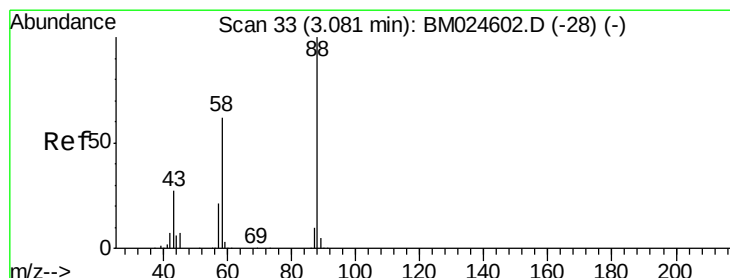
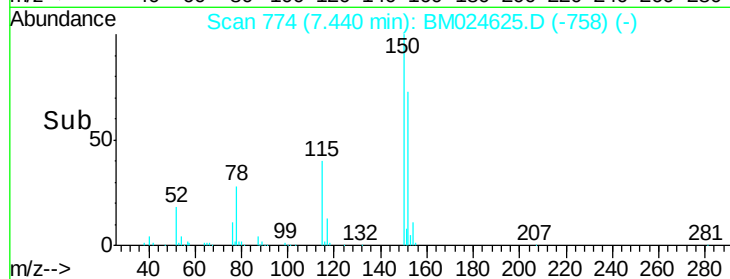
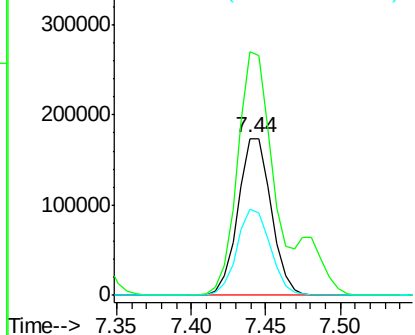
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 270008
Ion Ratio Lower Upper
152 100
150 155.0 124.2 186.4
115 55.2 48.6 72.8



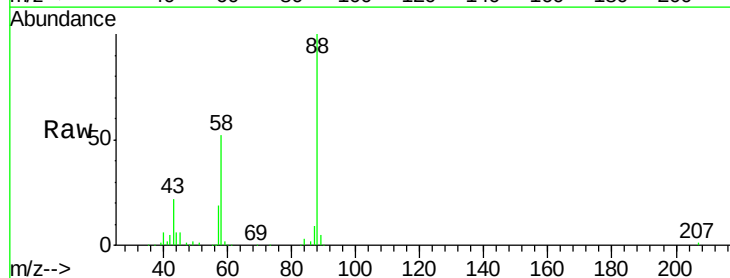
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



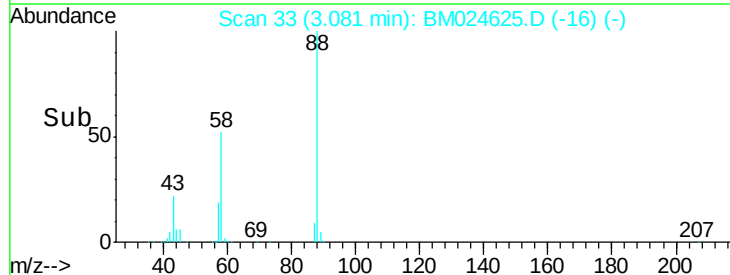
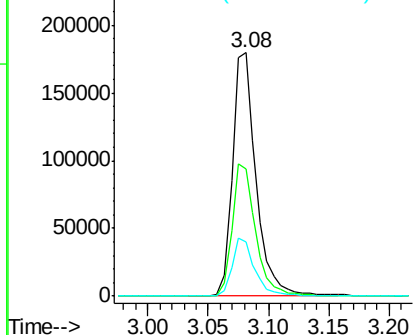
#2

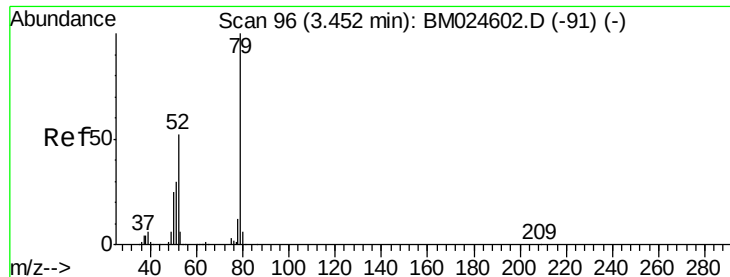
1,4-Dioxane
Concen: 43.000 ng
RT: 3.08 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion: 88 Resp: 241497
Ion Ratio Lower Upper
88 100
58 54.5 50.0 75.0
43 23.0 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: 39.180 ng

RT: 3.45 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

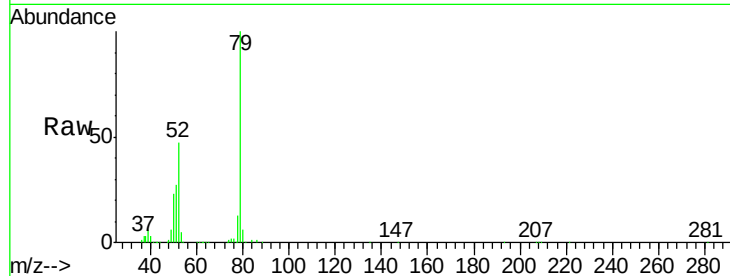
Tot Ion: 79 Resp: 637893

Ion Ratio Lower Upper

79 100

52 47.4 41.4 62.2

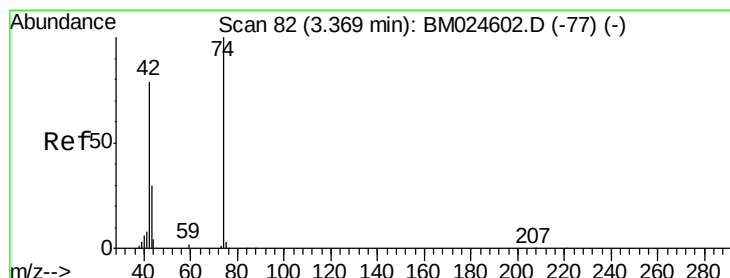
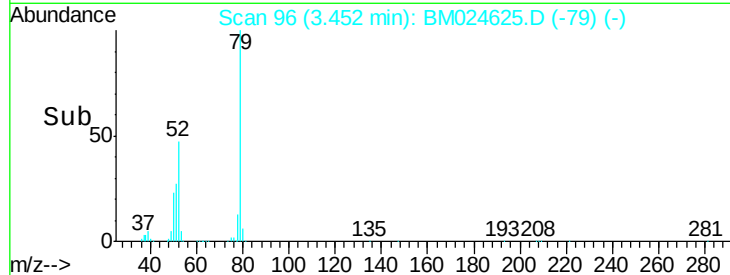
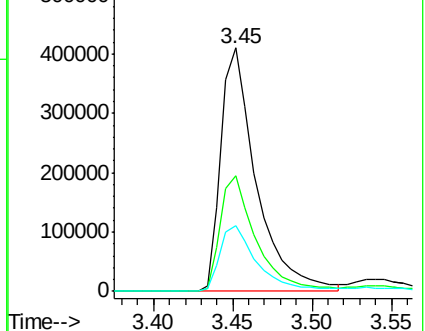
51 26.8 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024602.D (-91) (-)

Ion 52.00 (51.70 to 52.70): BM024602.D (-91) (-)

Ion 51.00 (50.70 to 51.70): BM024602.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 35.758 ng

RT: 3.37 min Scan# 82

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

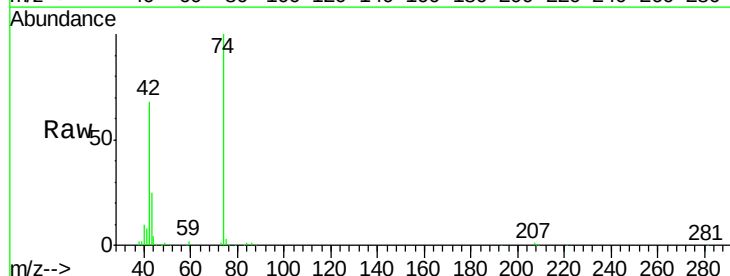
Tgt Ion: 42 Resp: 258415

Ion Ratio Lower Upper

42 100

74 146.4 101.4 152.2

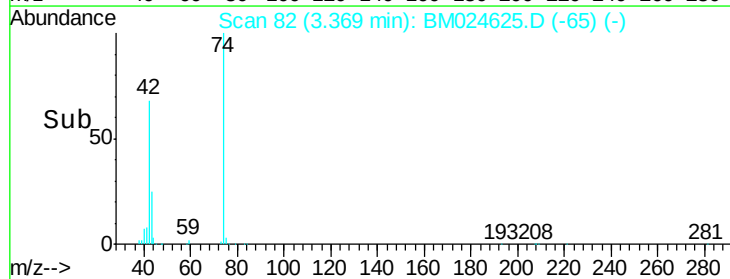
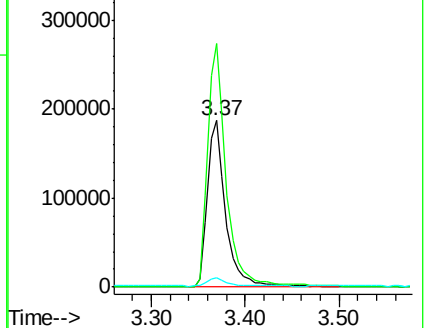
44 5.6 4.6 6.8

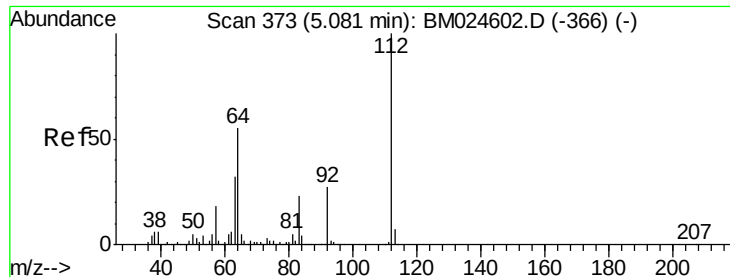


Abundance Ion 42.00 (41.70 to 42.70): BM024602.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM024602.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM024602.D (-77) (-)





#5

2-Fluorophenol

Concen: 84.882 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

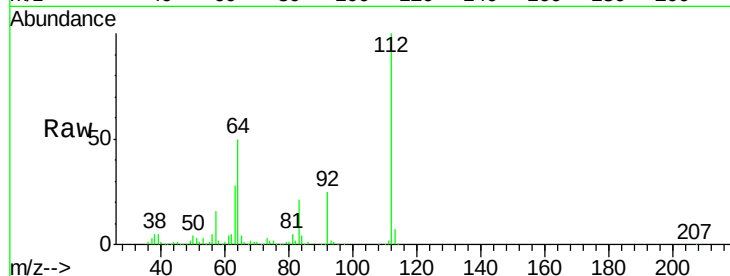
Tot Ion:112 Resp: 1205142

Ion Ratio Lower Upper

112 100

64 49.9 44.2 66.4

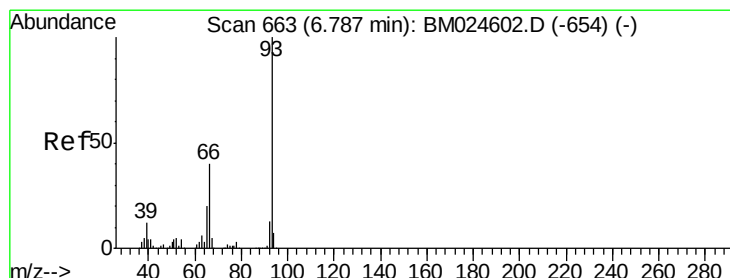
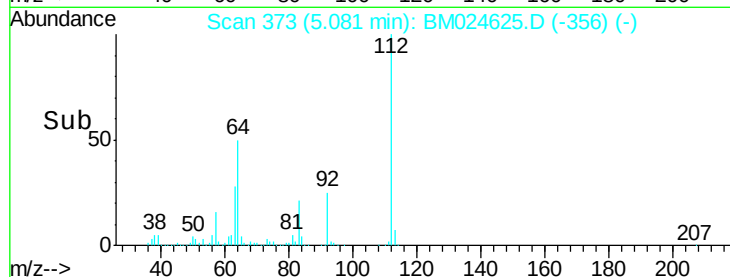
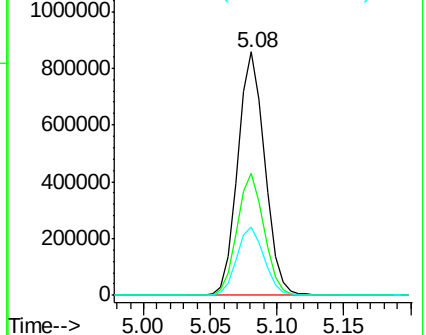
63 28.3 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 40.522 ng

RT: 6.78 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

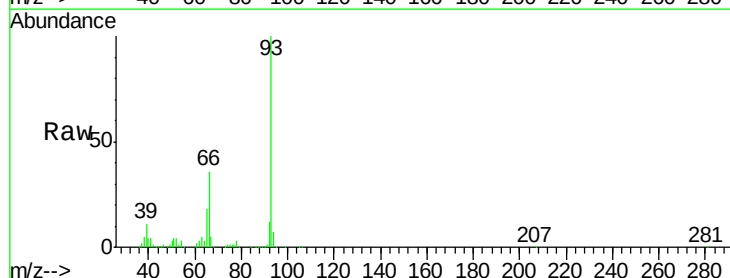
Tgt Ion: 93 Resp: 964823

Ion Ratio Lower Upper

93 100

66 36.5 31.8 47.8

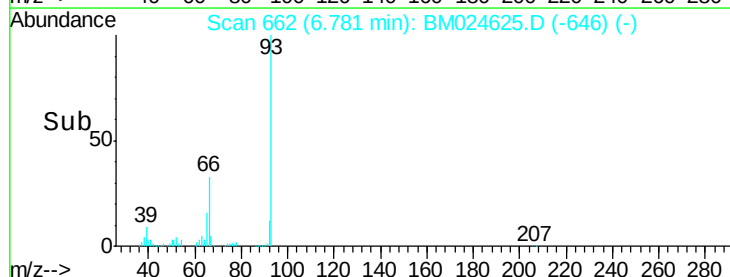
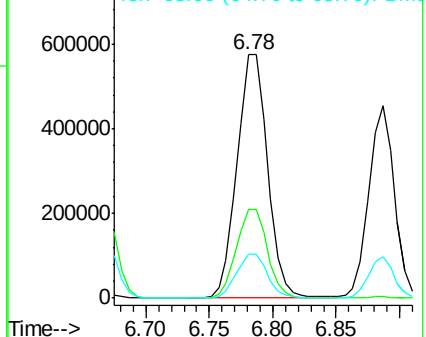
65 18.0 15.8 23.6

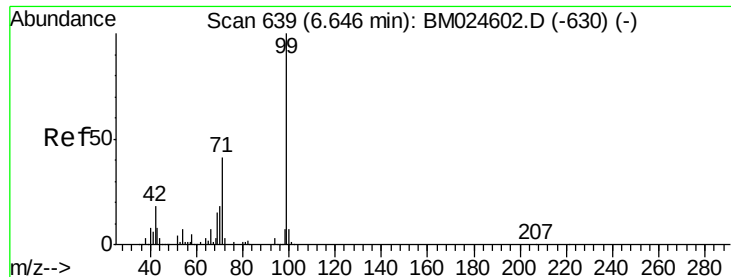


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 81.000 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

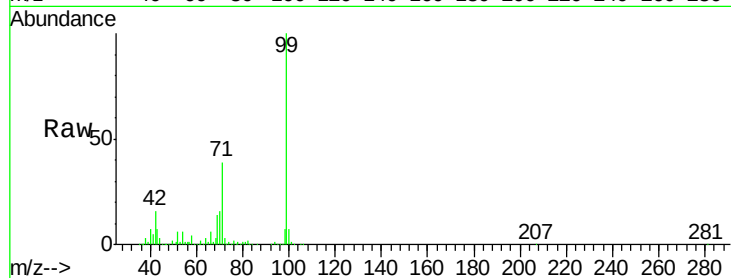
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1584242

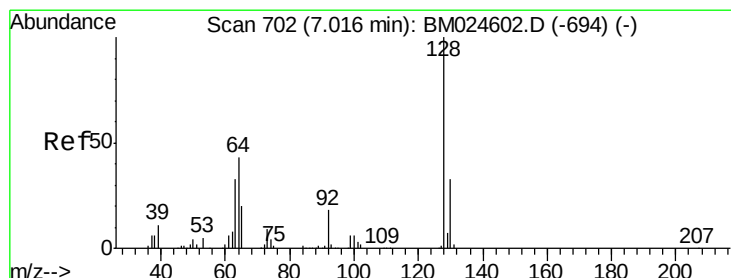
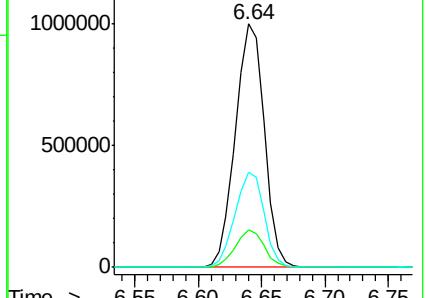
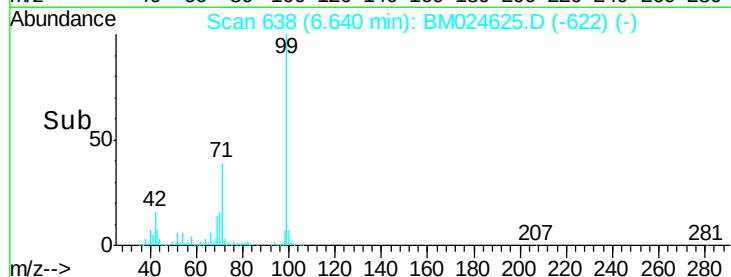
Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	39.0	33.0	49.6



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

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

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



#8

2-Chlorophenol

Concen: 42.771 ng

RT: 7.02 min Scan# 702

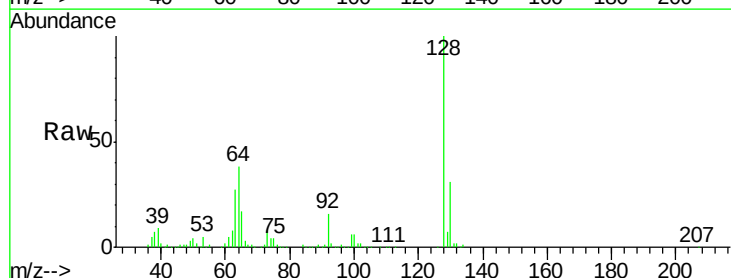
Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion: 128 Resp: 691286

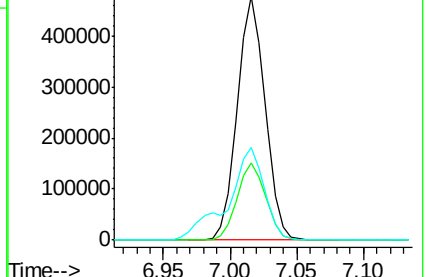
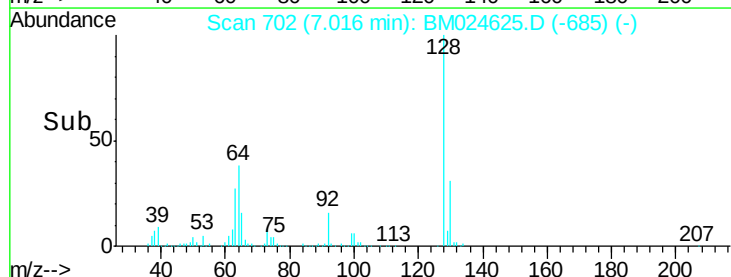
Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.5	52.5
64	37.9	26.1	66.1

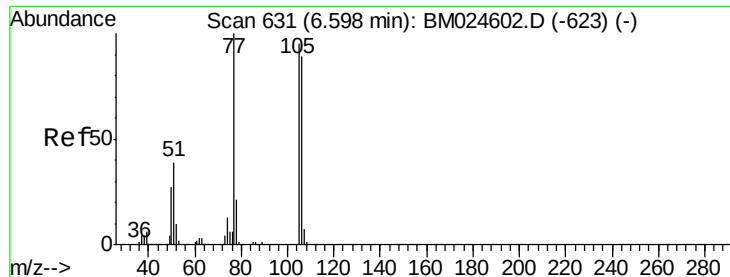


Abundance Ion 128.00 (127.70 to 128.70): BM024602.D (-694) (-)

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

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





#9

Benzaldehyde

Concen: 35.723 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

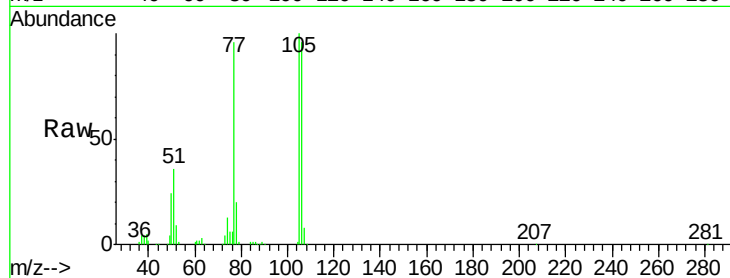
Tot Ion: 77 Resp: 412837

Ion Ratio Lower Upper

77 100

105 104.0 75.2 115.2

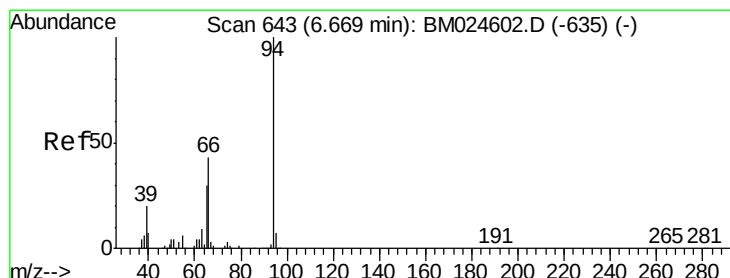
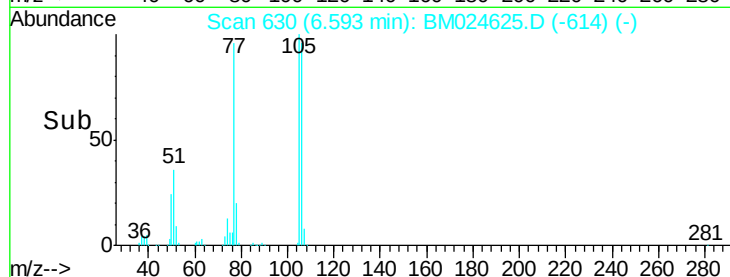
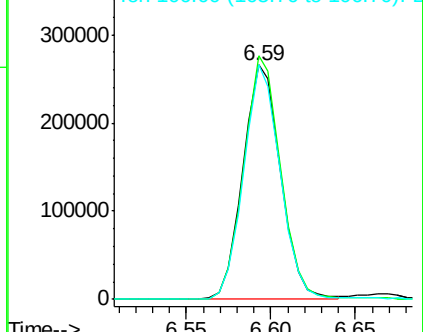
106 100.0 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BM024602.D (-623) (-)

Ion 105.00 (104.70 to 105.70): BM024602.D (-623) (-)

Ion 106.00 (105.70 to 106.70): BM024602.D (-623) (-)



#10

Phenol

Concen: 40.084 ng

RT: 6.67 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

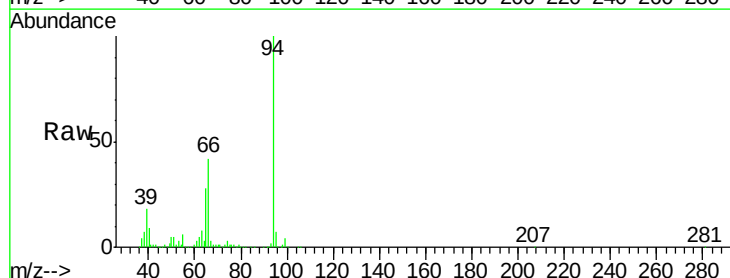
Tgt Ion: 94 Resp: 781482

Ion Ratio Lower Upper

94 100

65 28.0 10.3 50.3

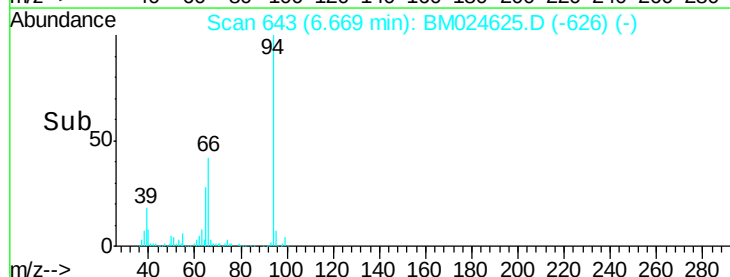
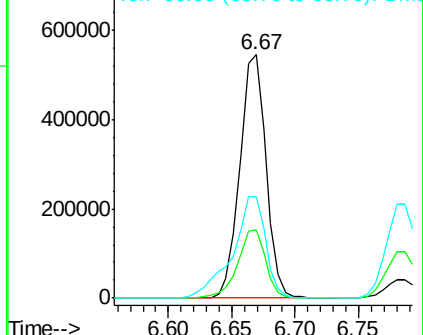
66 41.9 24.8 64.8

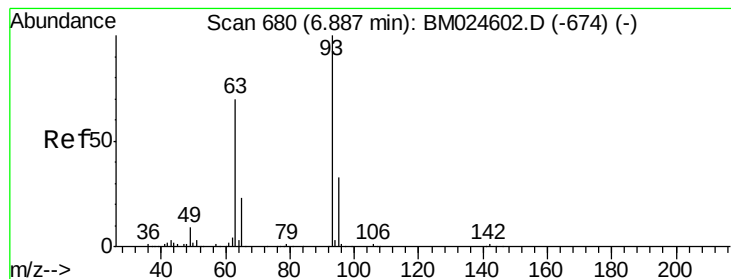


Abundance Ion 94.00 (93.70 to 94.70): BM024602.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM024602.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM024602.D (-635) (-)

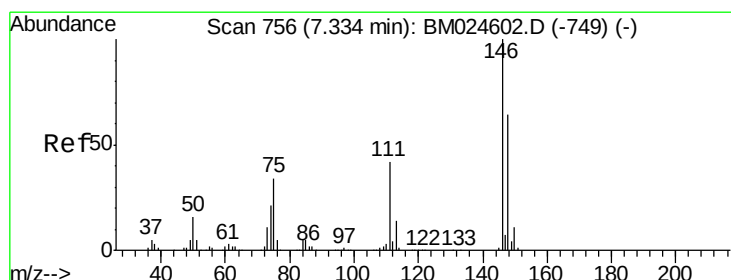
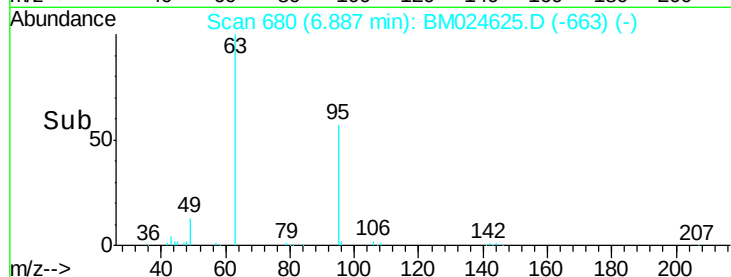
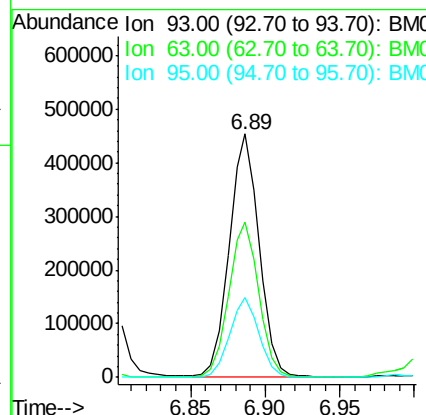
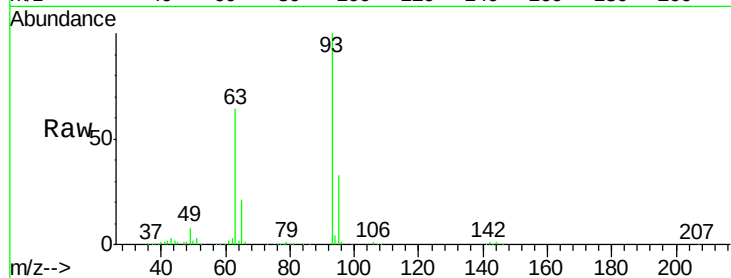




#11
bis(2-Chloroethyl)ether
Concen: 40.437 ng
RT: 6.89 min Scan# 680
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

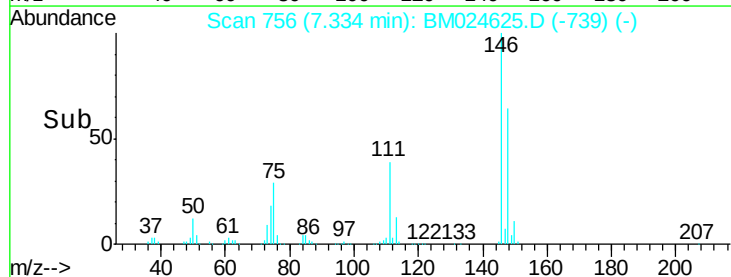
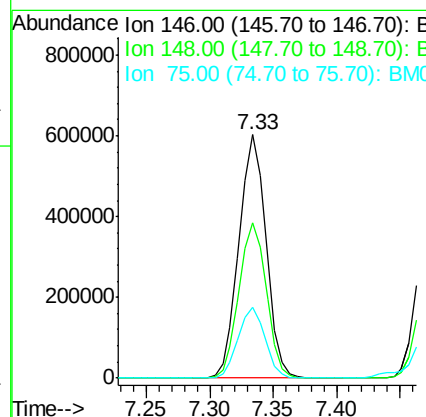
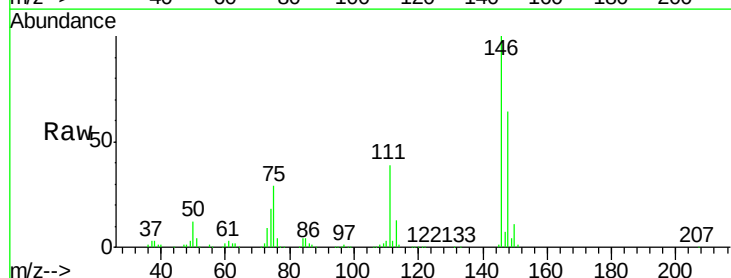
Instrument :
BNA_M
ClientSampleId :

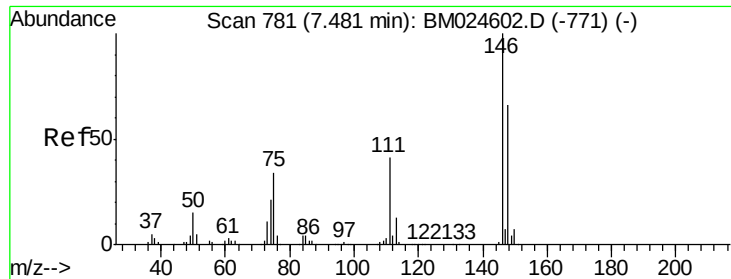
Tot Ion: 93 Resp: 631122
Ion Ratio Lower Upper
93 100
63 63.7 49.6 89.6
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.894 ng
RT: 7.33 min Scan# 756
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion: 146 Resp: 891396
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
75 29.3 27.0 40.4

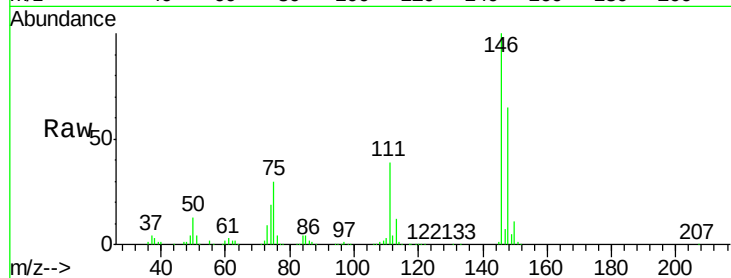




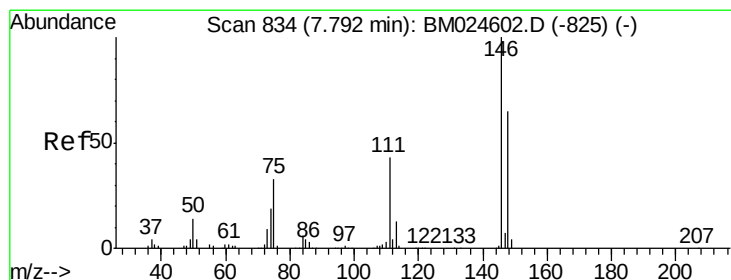
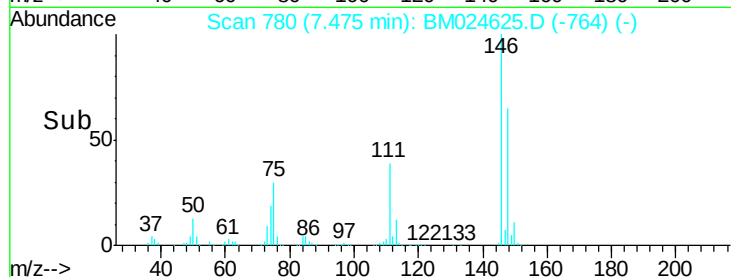
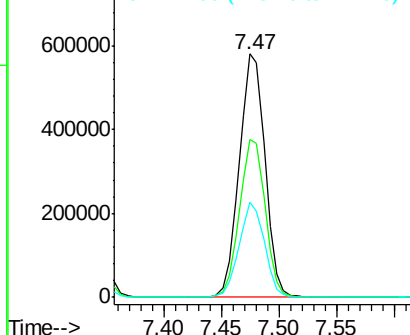
#13
 1,4-Dichlorobenzene
 Concen: 44.426 ng
 RT: 7.47 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 894880
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.5 78.7
 111 39.1 33.0 49.4

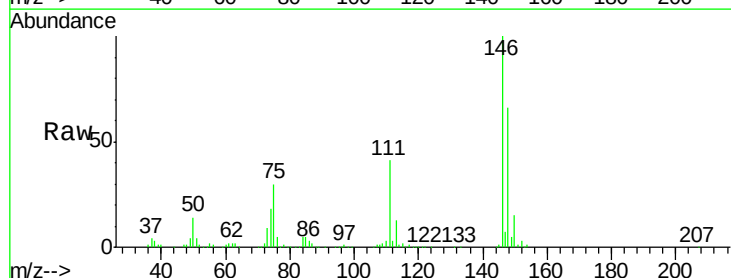


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

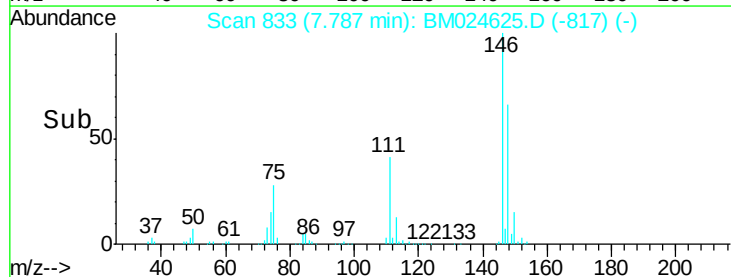
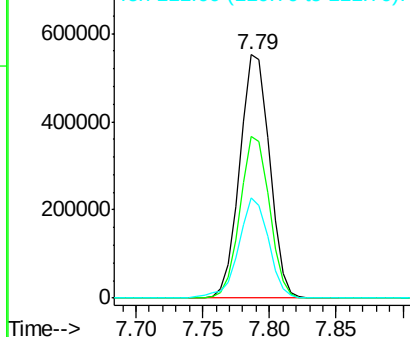


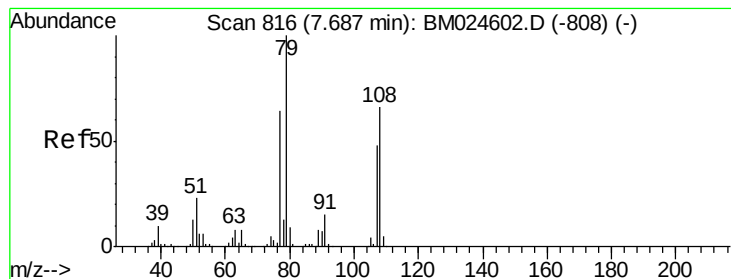
#14
 1,2-Dichlorobenzene
 Concen: 43.922 ng
 RT: 7.79 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion:146 Resp: 854005
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.9 77.9
 111 41.0 34.5 51.7



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.529 ng

RT: 7.69 min Scan# 816

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampled :

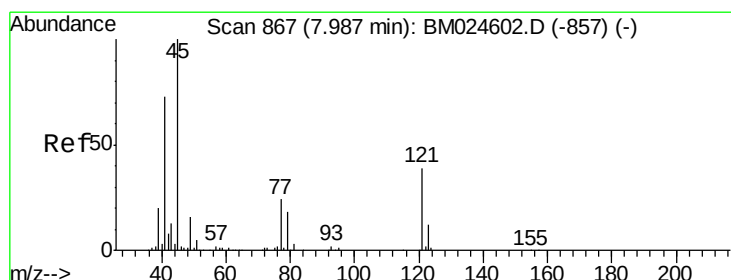
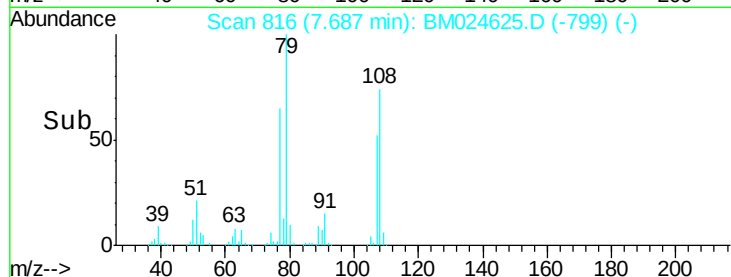
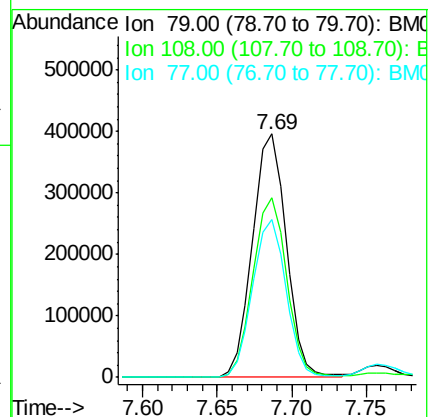
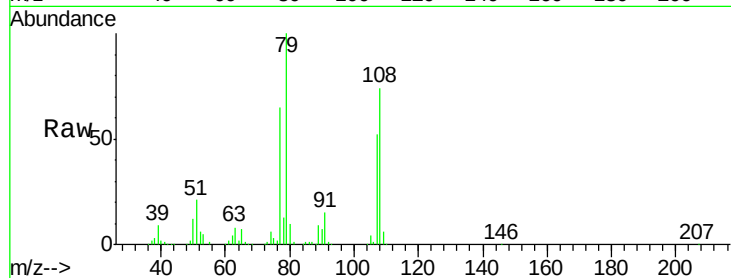
Tot Ion: 79 Resp: 621313

Ion Ratio Lower Upper

79 100

108 73.5 53.0 79.4

77 64.8 50.8 76.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.204 ng

RT: 7.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

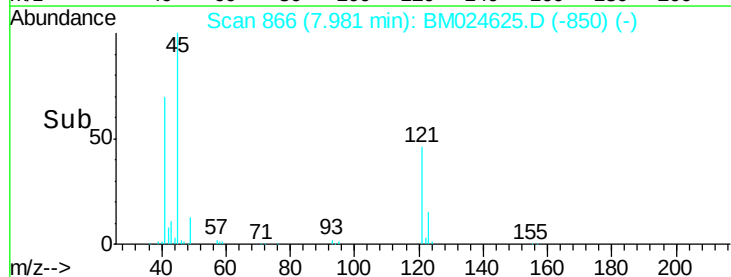
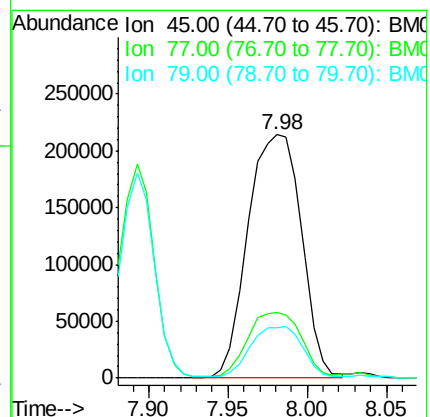
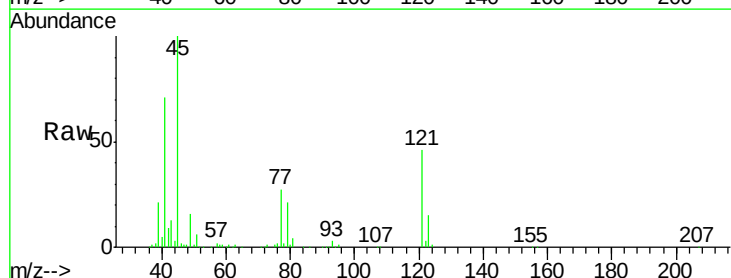
Tgt Ion: 45 Resp: 502994

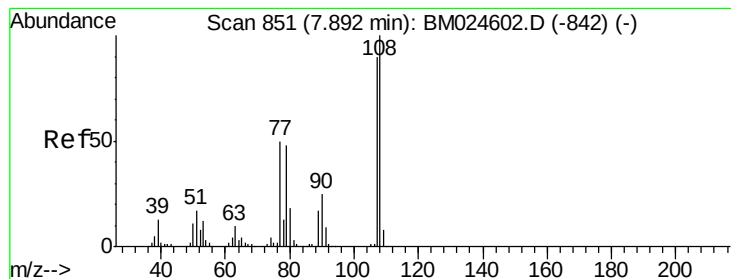
Ion Ratio Lower Upper

45 100

77 27.1 5.2 45.2

79 20.8 0.0 39.4

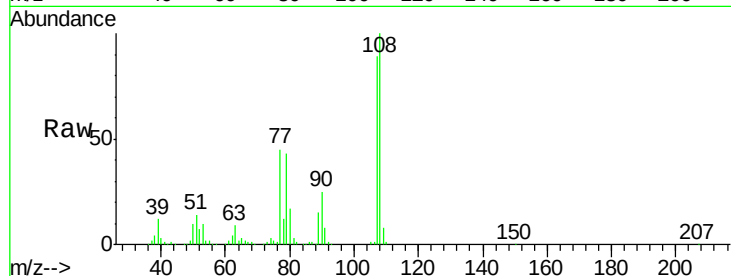




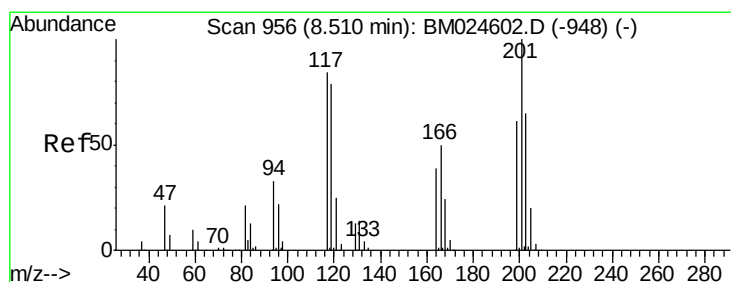
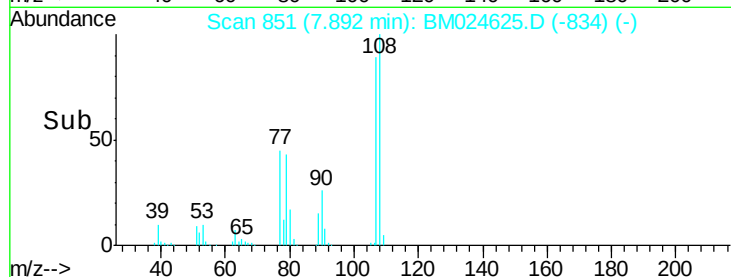
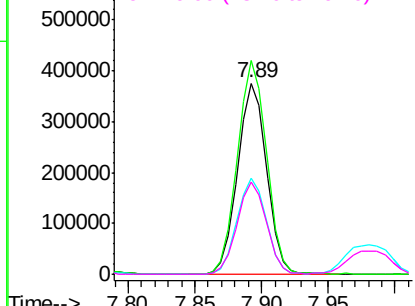
#17
2-Methylphenol
Concen: 41.276 ng
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	567079
Ion	Ratio	Lower	Upper
107	100		
108	111.9	88.9	133.3
77	50.2	44.5	66.7
79	48.2	42.9	64.3

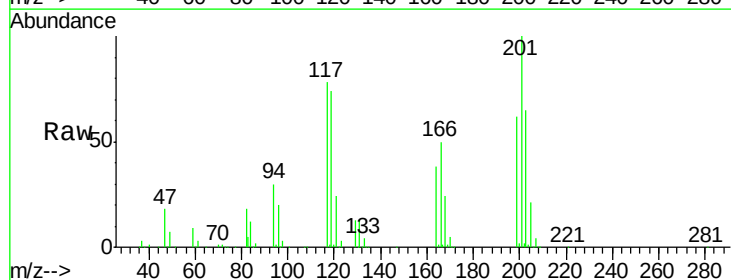


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

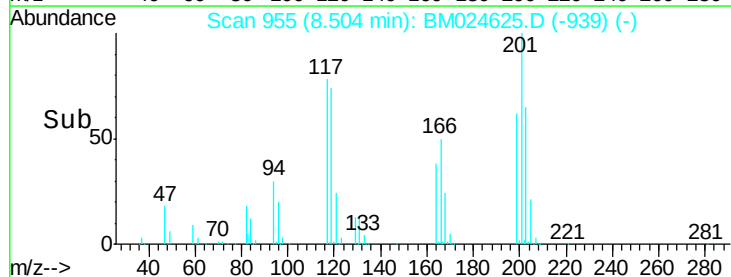
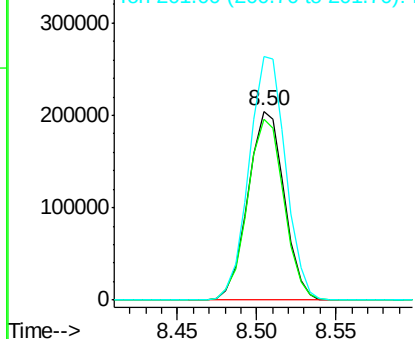


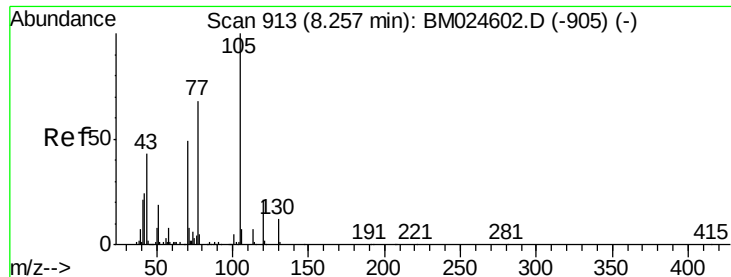
#18
Hexachloroethane
Concen: 41.850 ng
RT: 8.50 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:	117	Resp:	325530
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.4	113.2
201	128.8	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

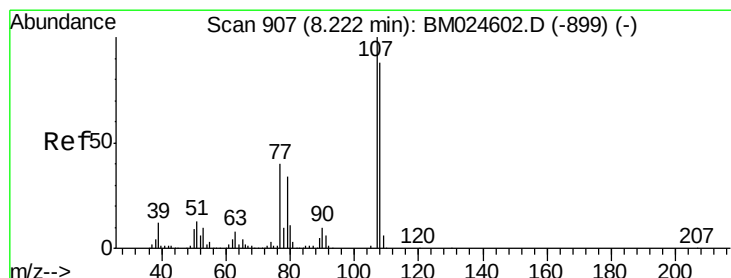
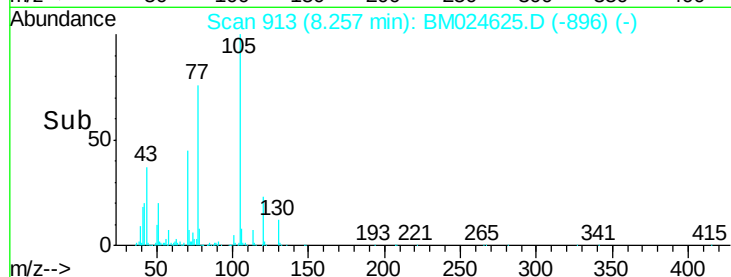
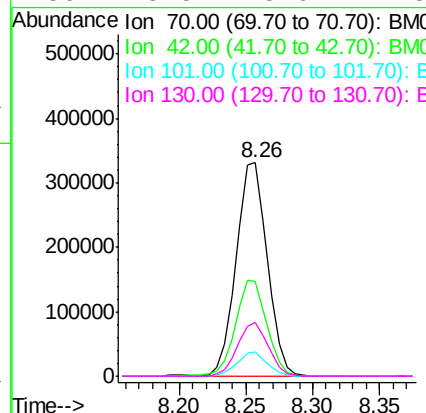
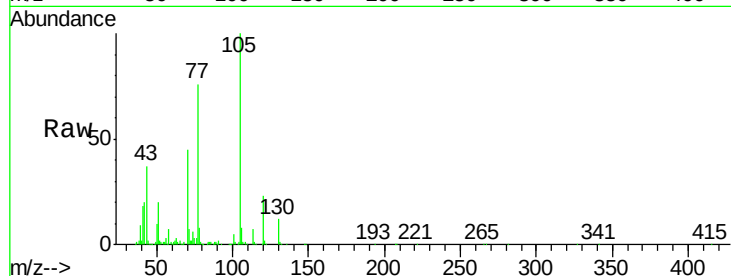




#19
n-Nitroso-di-n-propylamine
Concen: 36.595 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

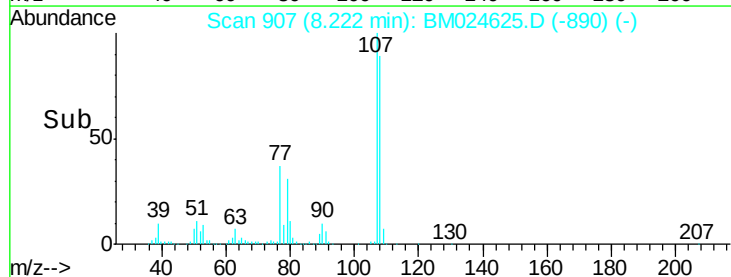
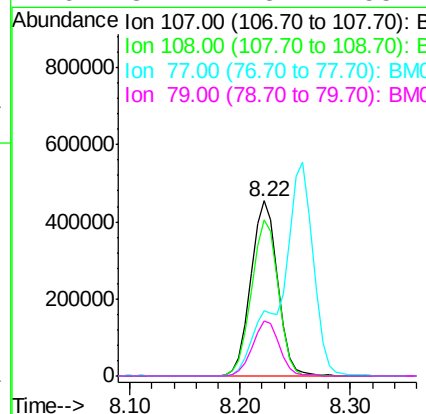
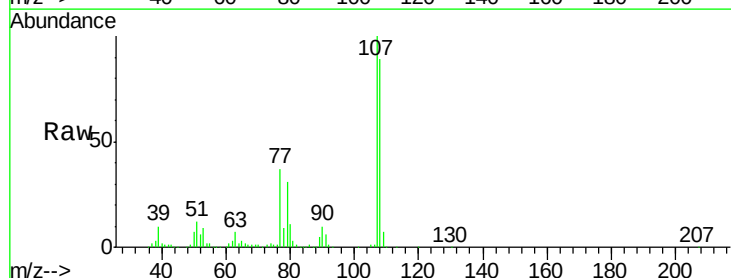
Instrument :
BNA_M
ClientSampled :

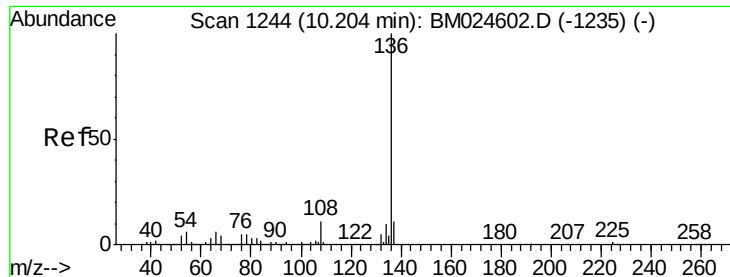
Tot Ion:	70	Resp:	537384
Ion	Ratio	Lower	Upper
70	100		
42	44.6	40.0	60.0
101	11.1	8.2	12.2
130	25.5	18.6	27.8



#20
3+4-Methylphenols
Concen: 40.784 ng
RT: 8.22 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:	107	Resp:	775636
Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.0	108.0
77	37.0	19.9	59.9
79	31.2	13.7	53.7



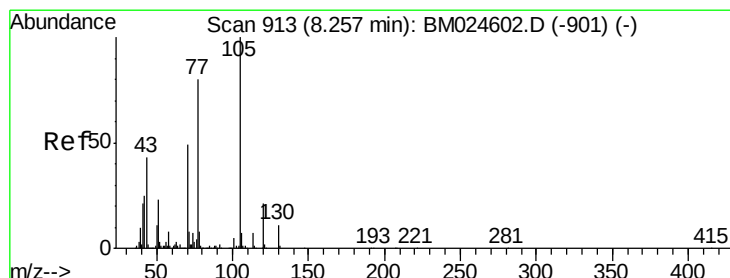
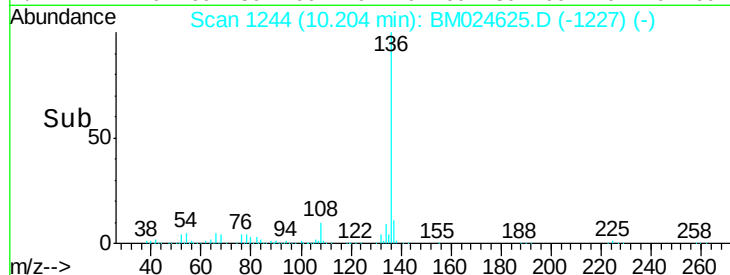
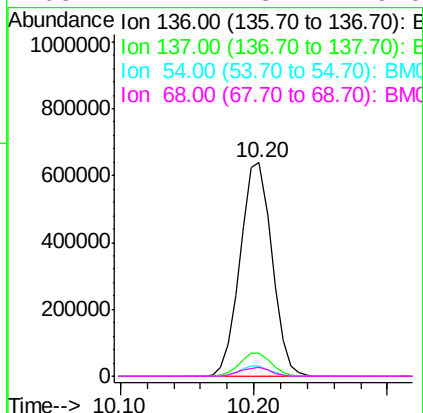
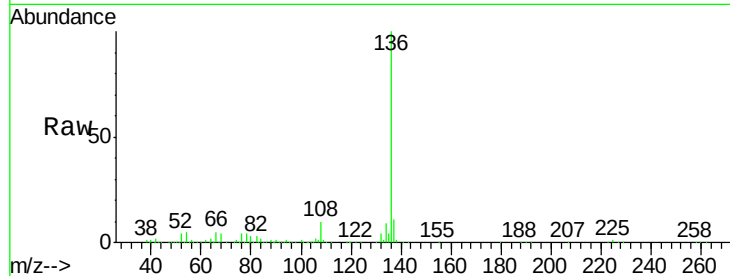


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampled :

Tot Ion:136 Resp: 1050027

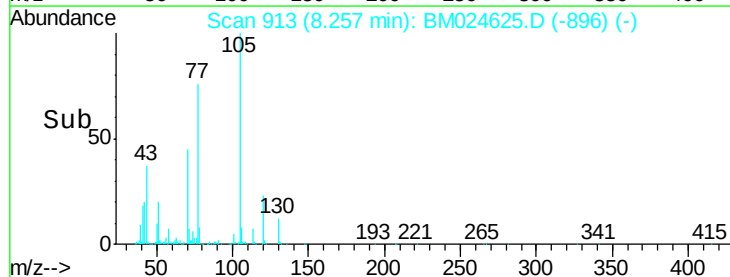
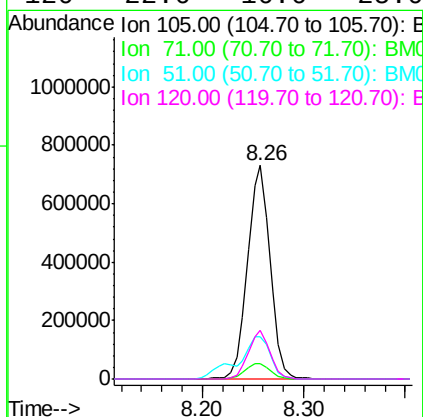
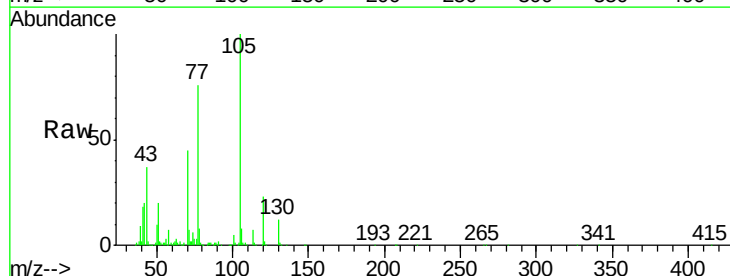
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	4.7	4.5	6.7
68	4.1	3.4	5.0

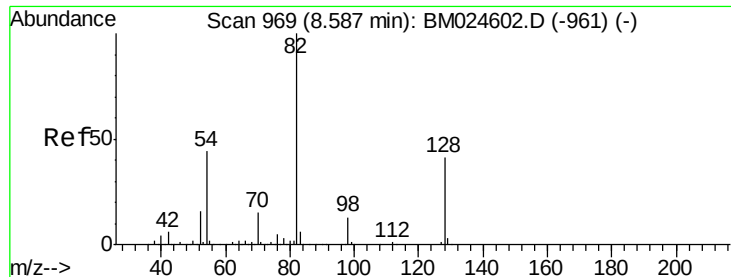


#22
Acetophenone
Concen: 41.612 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:105 Resp: 1126672

Ion	Ratio	Lower	Upper
105	100		
71	7.3	6.7	10.1
51	20.1	18.5	27.7
120	22.6	16.6	25.0

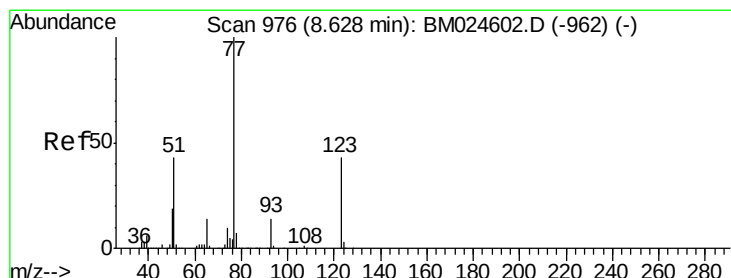
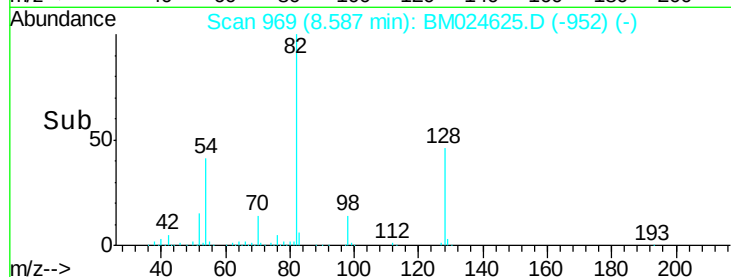
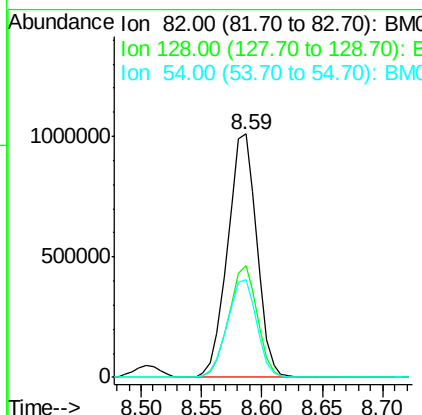
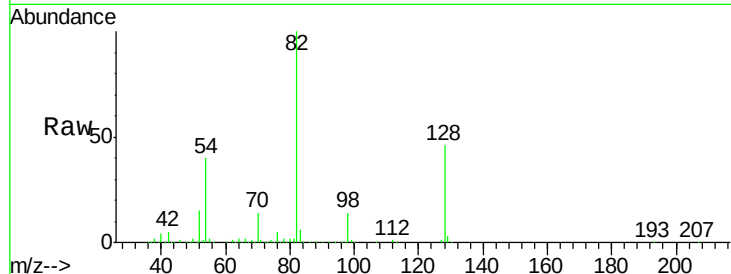




#23
Nitrobenzene-d5
Concen: 79.200 ng
RT: 8.59 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

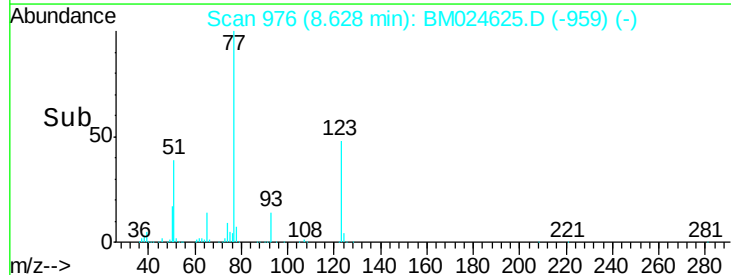
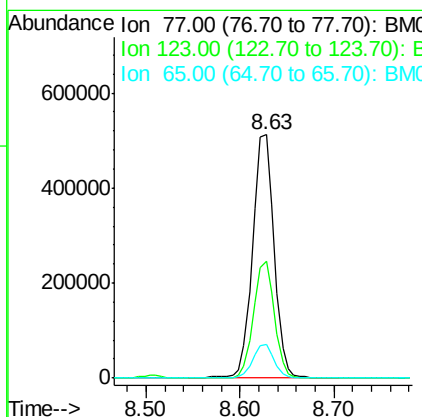
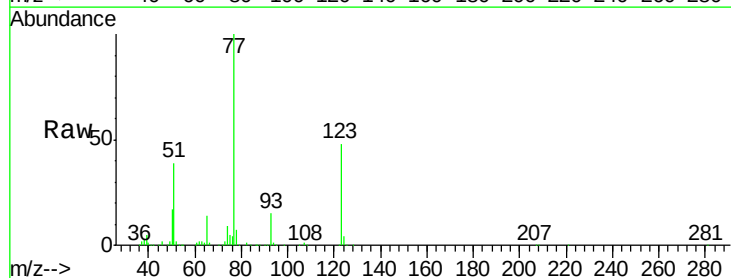
Instrument :
BNA_M
ClientSampleId :

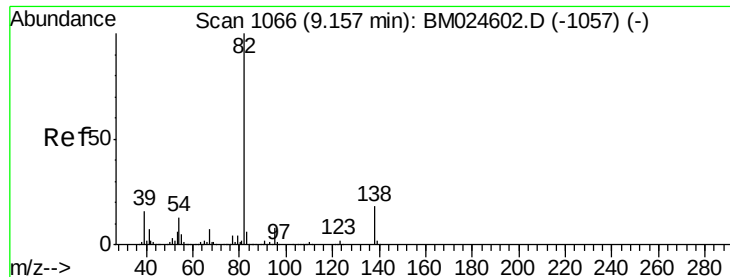
Tot Ion: 82 Resp: 1695756
Ion Ratio Lower Upper
82 100
128 45.7 32.6 48.8
54 40.1 34.8 52.2



#24
Nitrobenzene
Concen: 39.603 ng
RT: 8.63 min Scan# 976
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion: 77 Resp: 812569
Ion Ratio Lower Upper
77 100
123 48.3 34.6 52.0
65 13.8 11.0 16.4





#25

Isophorone

Concen: 39.775 ng

RT: 9.15 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampled :

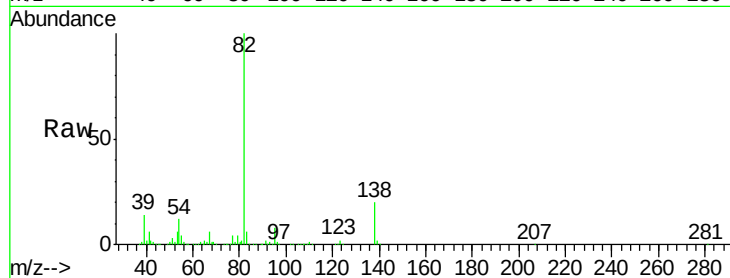
Tot Ion: 82 Resp: 1447012

Ion Ratio Lower Upper

82 100

95 8.5 6.7 10.1

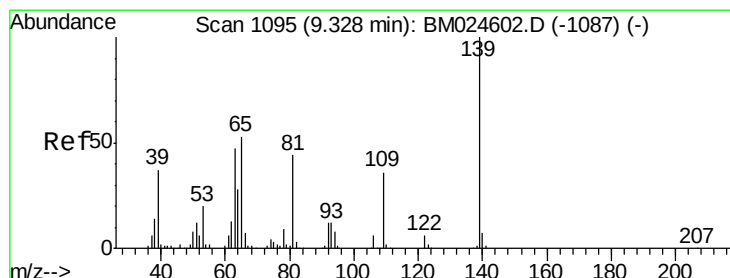
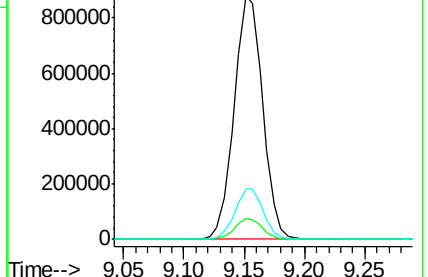
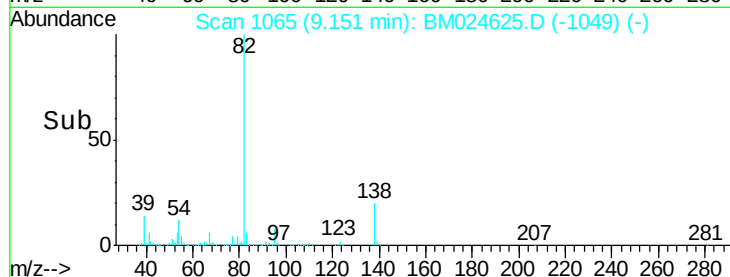
138 20.5 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024602.D (-1057) (-)

Ion 95.00 (94.70 to 95.70): BM024602.D (-1057) (-)

Ion 138.00 (137.70 to 138.70): BM024602.D (-1057) (-)



#26

2-Nitrophenol

Concen: 44.994 ng

RT: 9.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

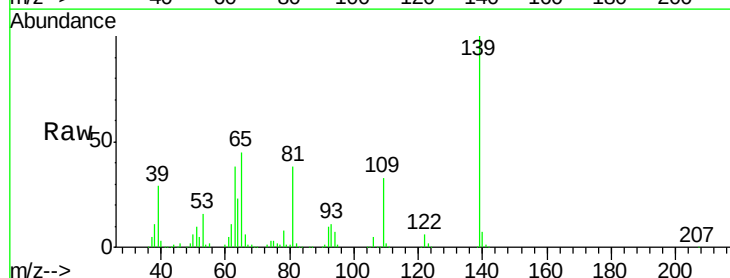
Tgt Ion: 139 Resp: 427482

Ion Ratio Lower Upper

139 100

109 32.6 28.8 43.2

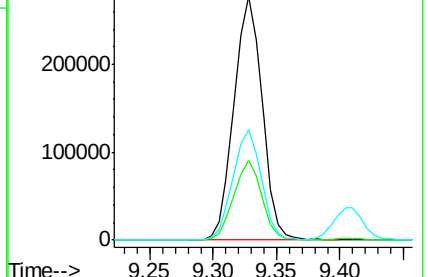
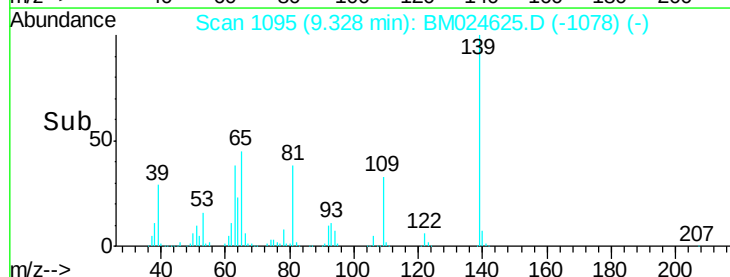
65 45.3 42.6 63.8

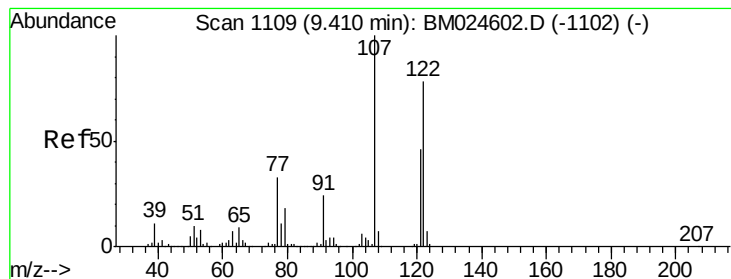


Abundance Ion 139.00 (138.70 to 139.70): BM024602.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM024602.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM024602.D (-1087) (-)





#27

2,4-Dimethylphenol

Concen: 43.595 ng

RT: 9.41 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampled :

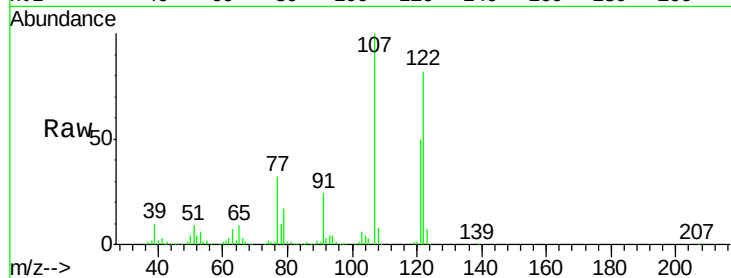
Tot Ion:122 Resp: 562843

Ion Ratio Lower Upper

122 100

107 121.3 102.5 153.7

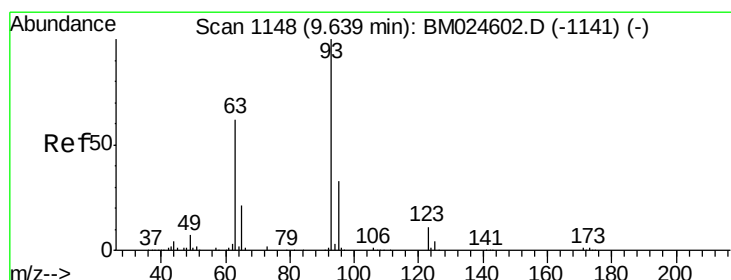
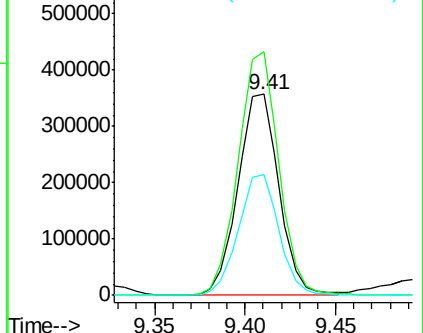
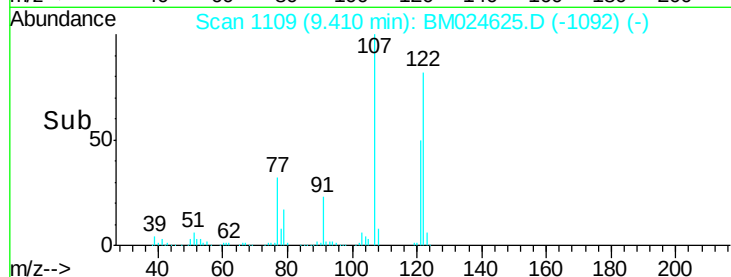
121 60.4 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.883 ng

RT: 9.64 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

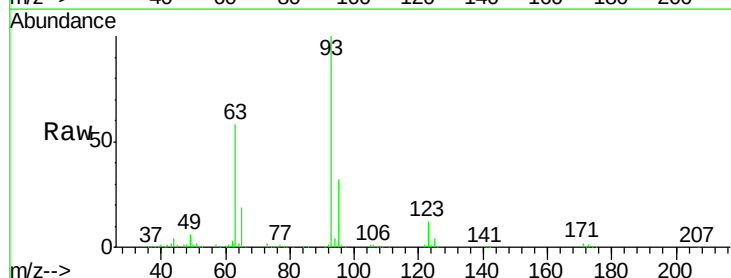
Tgt Ion: 93 Resp: 930816

Ion Ratio Lower Upper

93 100

95 31.8 26.1 39.1

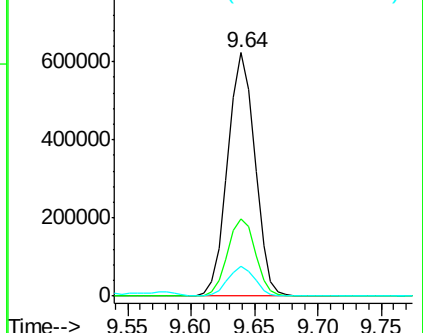
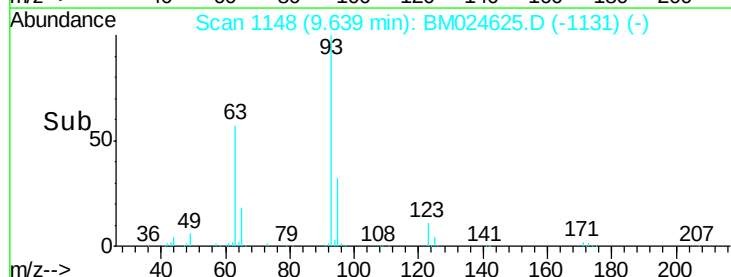
123 12.0 8.7 13.1

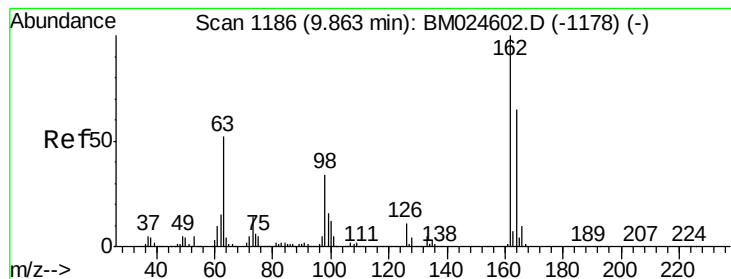


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.844 ng

RT: 9.86 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

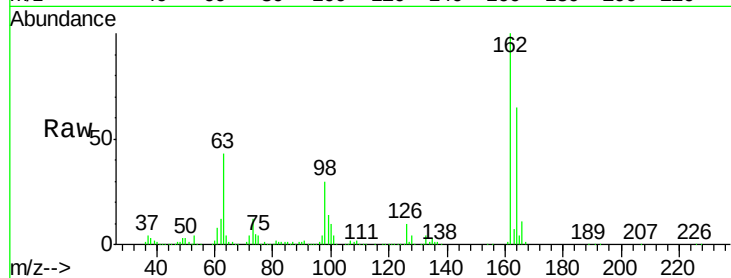
Tot Ion:162 Resp: 817095

Ion Ratio Lower Upper

162 100

164 65.1 44.5 84.5

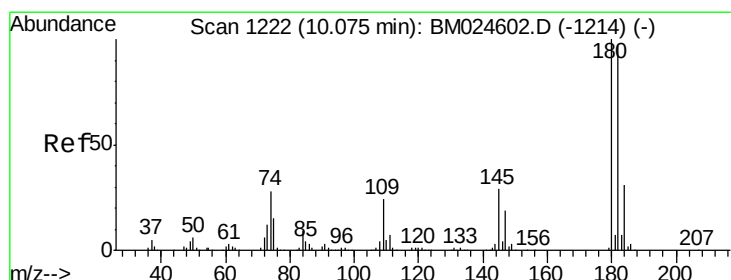
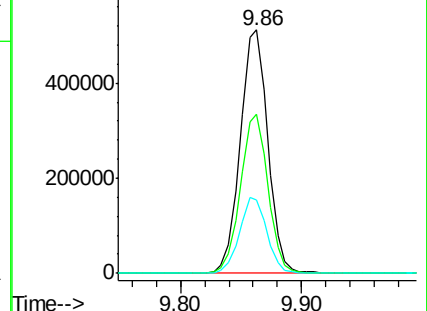
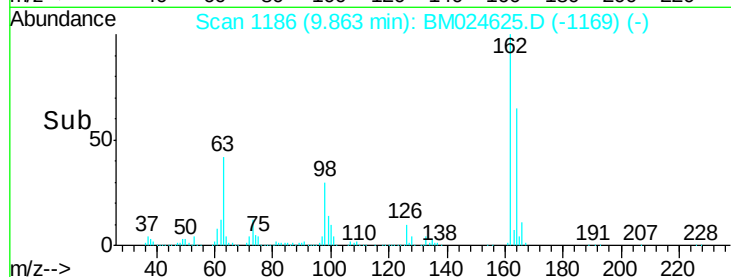
98 30.3 14.2 54.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 47.355 ng

RT: 10.07 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

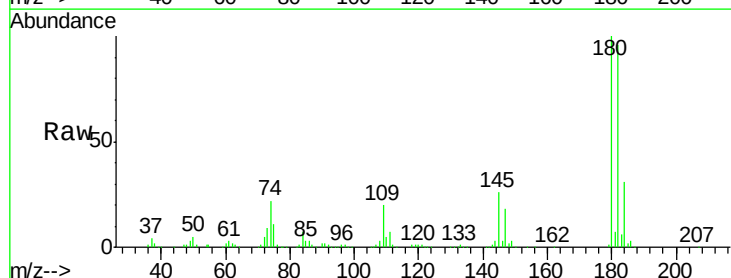
Tgt Ion:180 Resp: 996210

Ion Ratio Lower Upper

180 100

182 96.2 77.8 116.6

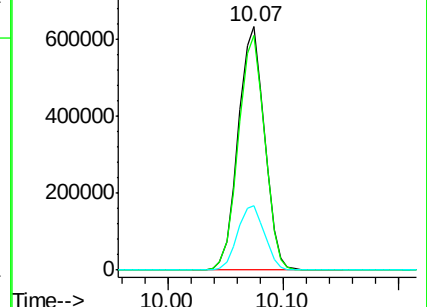
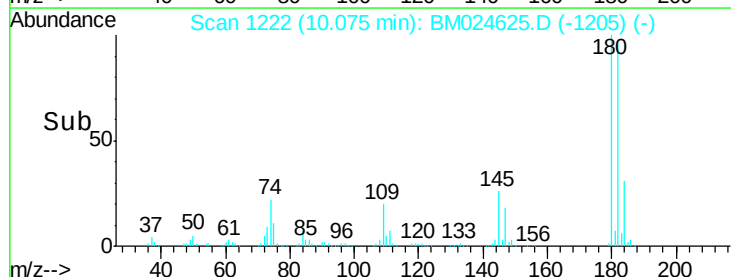
145 26.4 22.9 34.3

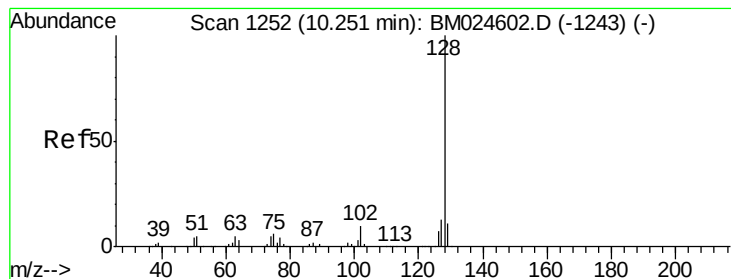


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.939 ng

RT: 10.25 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

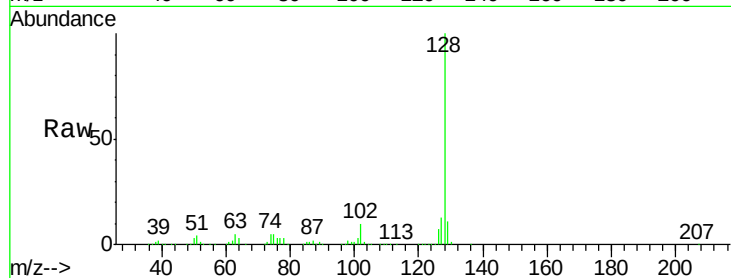
Tot Ion:128 Resp: 2330274

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

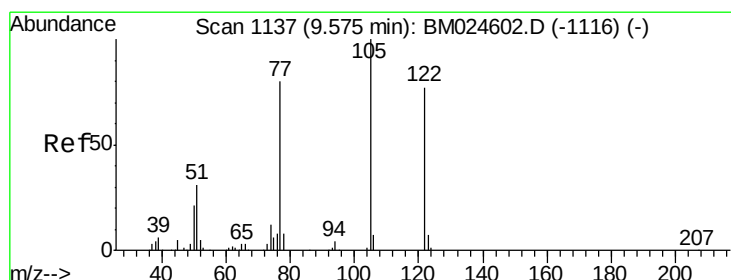
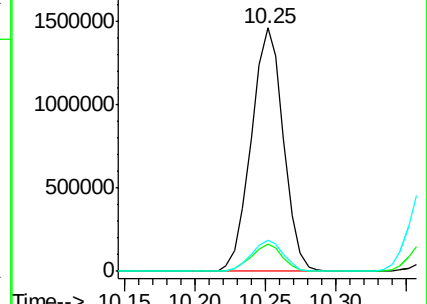
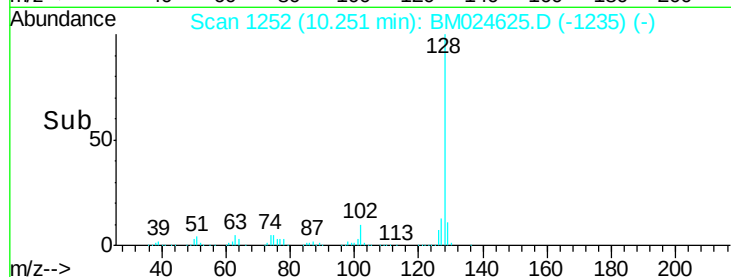
127 12.9 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.098 ng

RT: 9.58 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

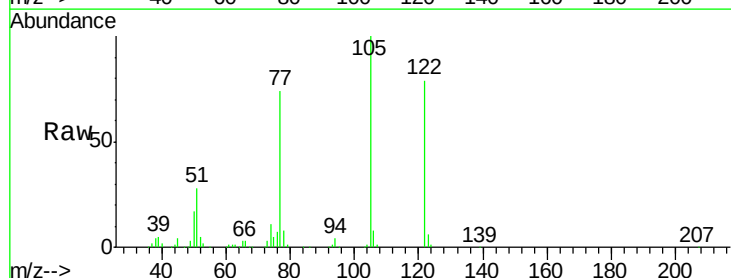
Tgt Ion:122 Resp: 461753

Ion Ratio Lower Upper

122 100

105 126.7 107.7 147.7

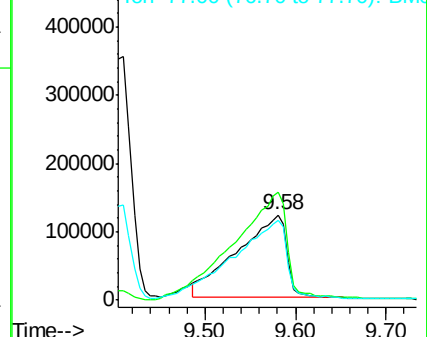
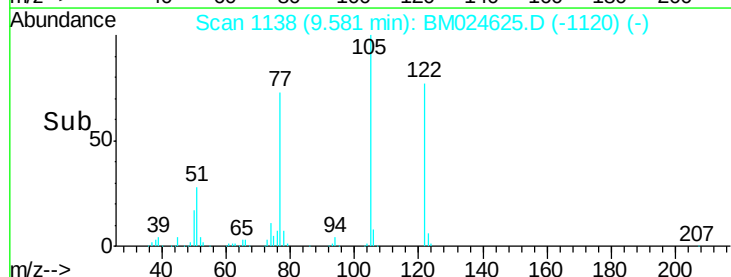
77 94.2 83.8 123.8

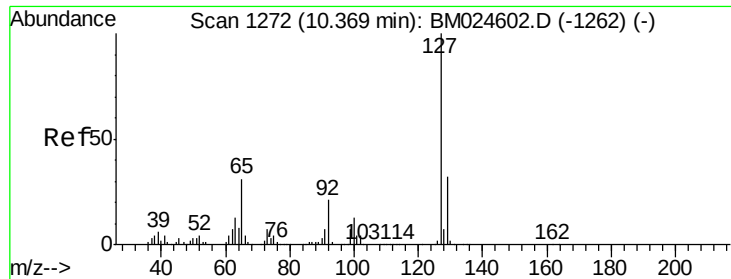


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

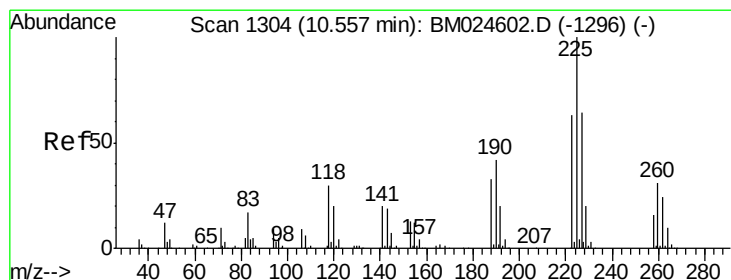
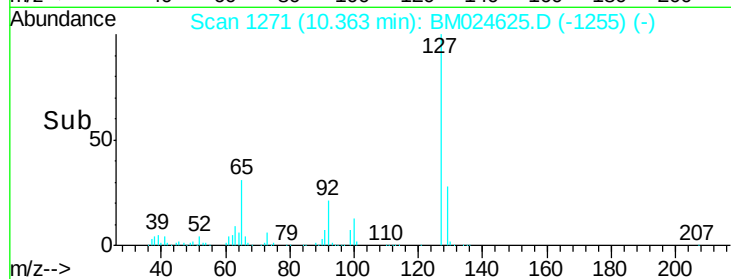
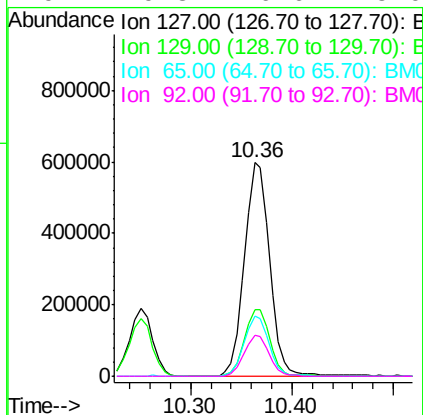
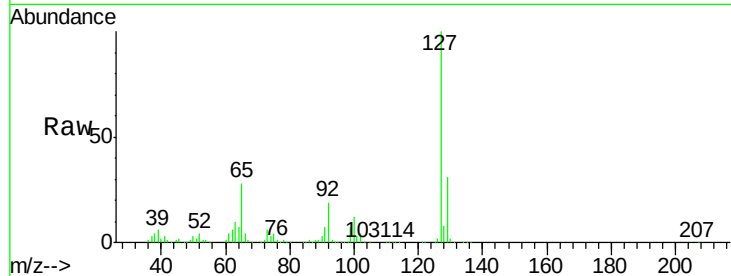




#33
4-Chloroaniline
Concen: 44.401 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

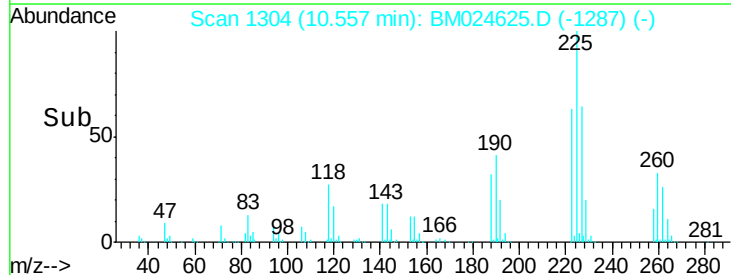
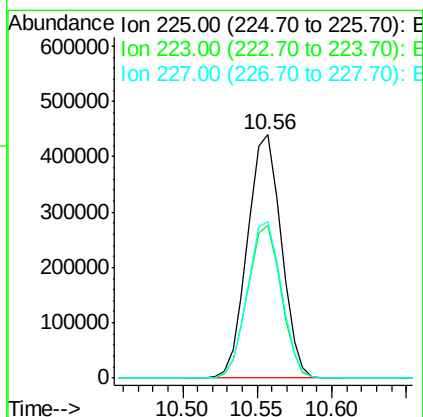
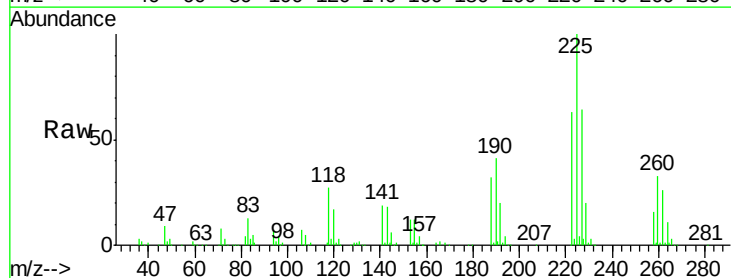
Instrument :
BNA_M
ClientSampleId :

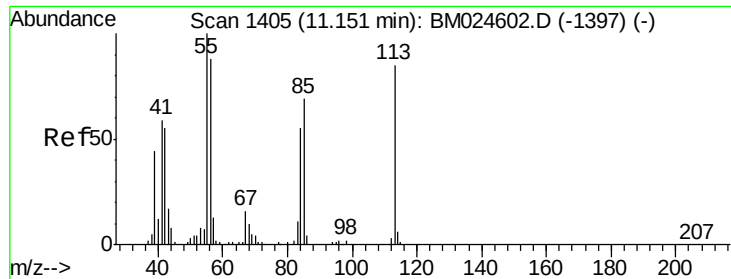
Tot Ion:	127	Resp:	1032147
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	28.2	25.1	37.7
92	19.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 47.401 ng
RT: 10.56 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:	225	Resp:	689329
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.7	76.1
227	64.5	51.4	77.0





#35

Caprolactam

Concen: 42.218 ng

RT: 11.16 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

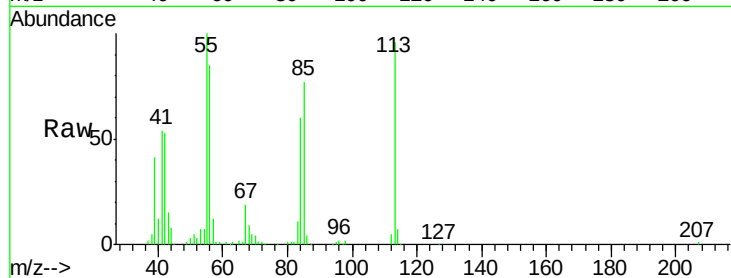
Tot Ion:113 Resp: 236258

Ion Ratio Lower Upper

113 100

55 104.6 97.5 137.5

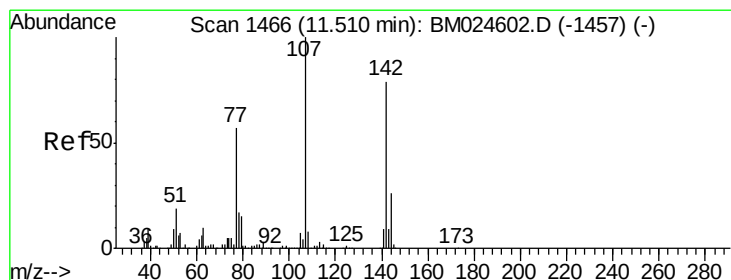
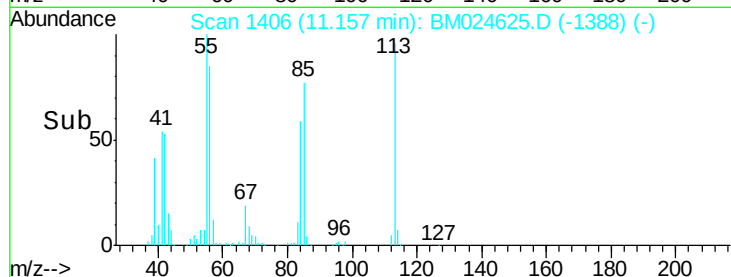
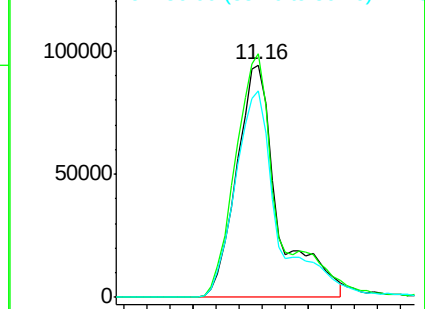
56 88.6 83.4 123.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.165 ng

RT: 11.51 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

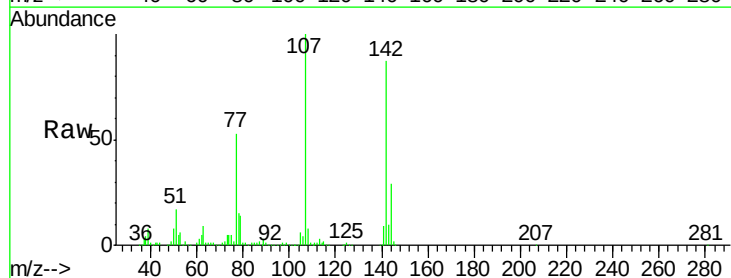
Tgt Ion:107 Resp: 782062

Ion Ratio Lower Upper

107 100

144 28.8 20.5 30.7

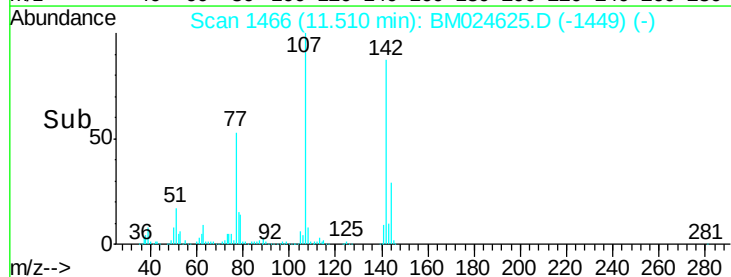
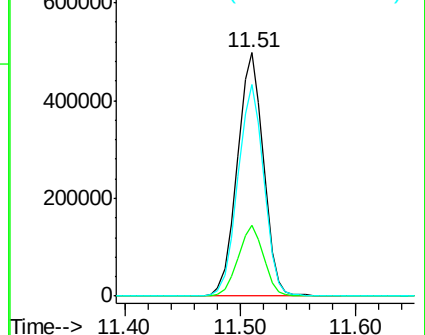
142 86.7 62.8 94.2

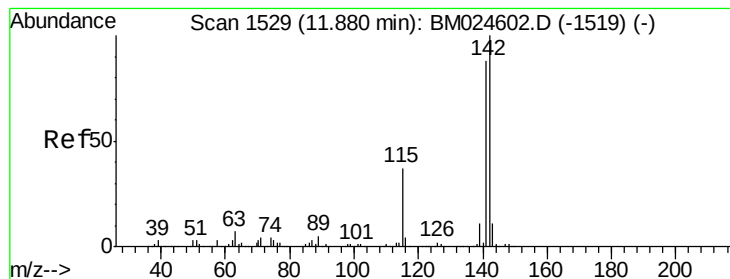


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.674 ng

RT: 11.87 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

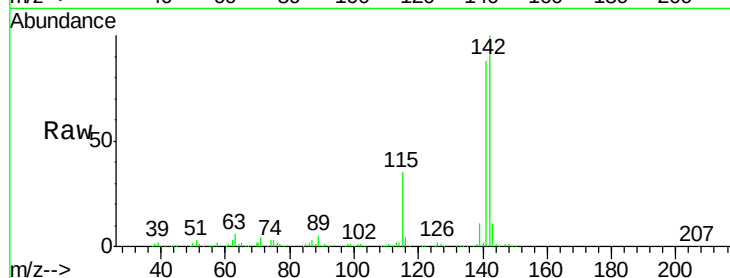
Tot Ion:142 Resp: 1828372

Ion Ratio Lower Upper

142 100

141 87.9 70.2 105.2

115 35.3 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

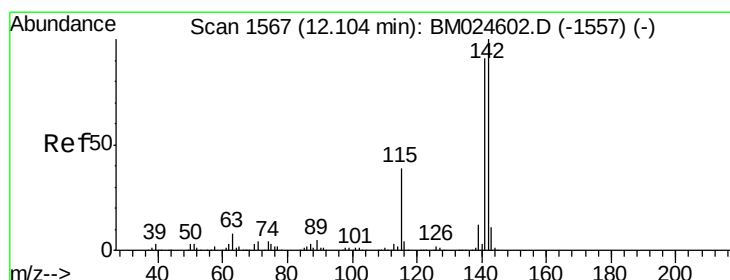
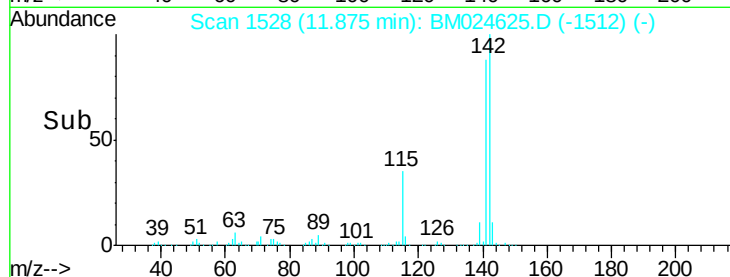
11.87

1000000

500000

0

Time-->



#38

1-Methylnaphthalene

Concen: 44.669 ng

RT: 12.10 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

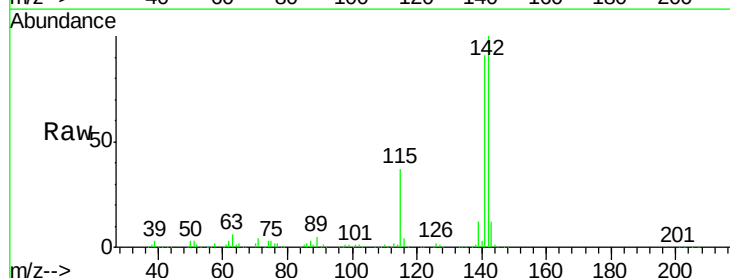
Tgt Ion:142 Resp: 1739012

Ion Ratio Lower Upper

142 100

141 91.1 72.8 109.2

116 3.9 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

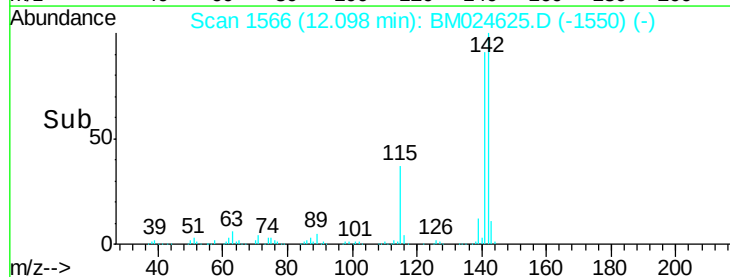
12.10

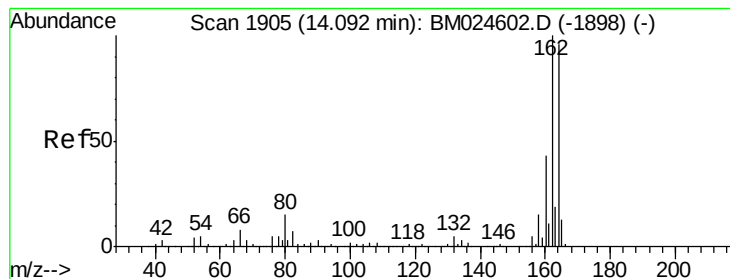
1000000

500000

0

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

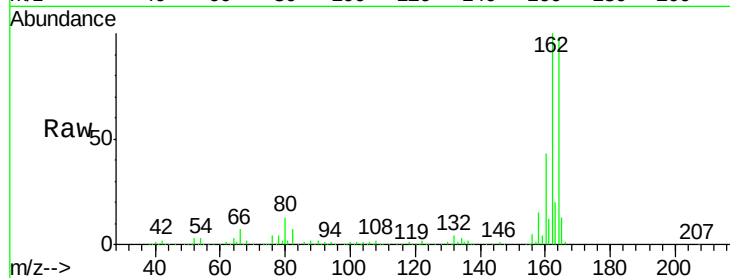
Tot Ion:164 Resp: 768774

Ion Ratio Lower Upper

164 100

162 101.8 82.9 124.3

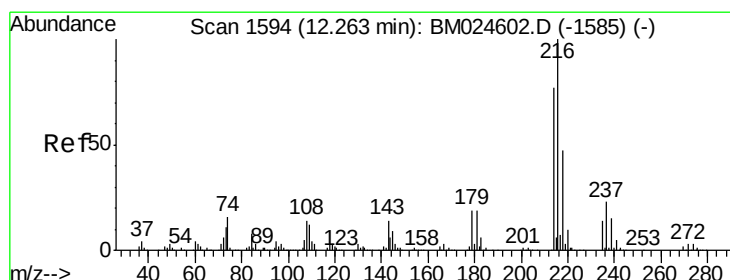
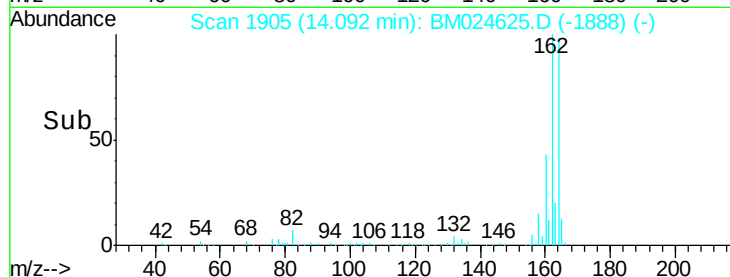
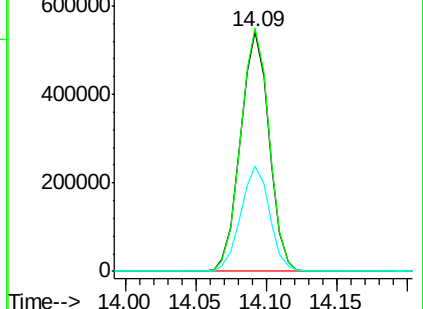
160 43.9 35.5 53.3



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: 45.012 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion:216 Resp: 1235017

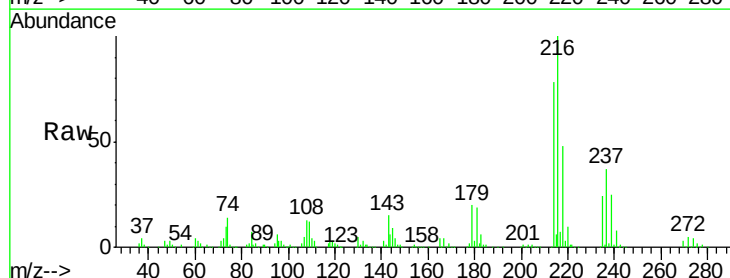
Ion Ratio Lower Upper

216 100

214 78.2 62.3 93.5

179 19.9 16.1 24.1

108 14.0 13.0 19.6

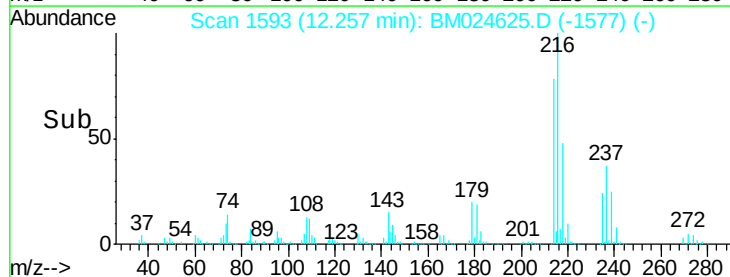
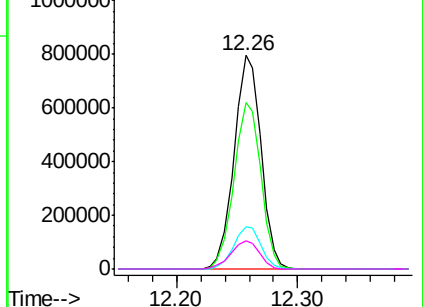


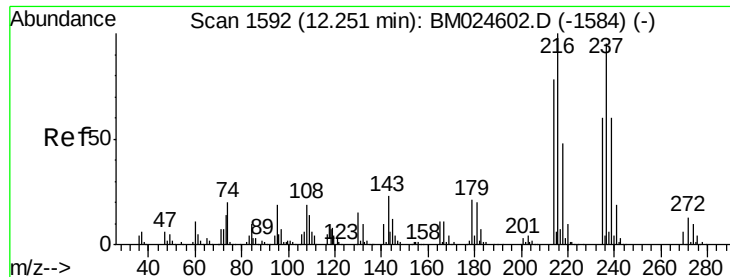
Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.588 ng

RT: 12.25 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

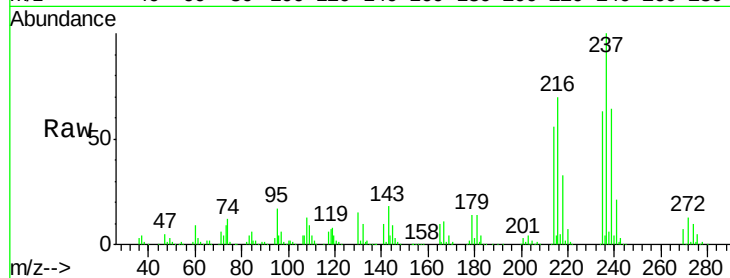
Tot Ion:237 Resp: 716492

Ion Ratio Lower Upper

237 100

235 62.6 43.3 83.3

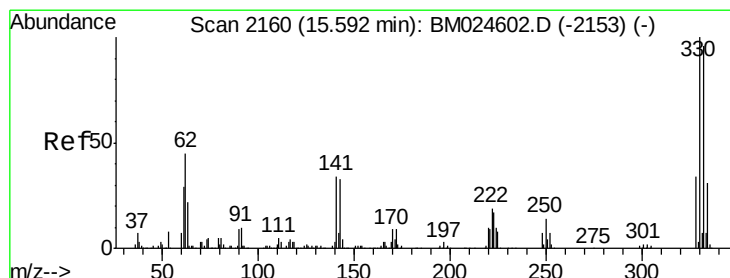
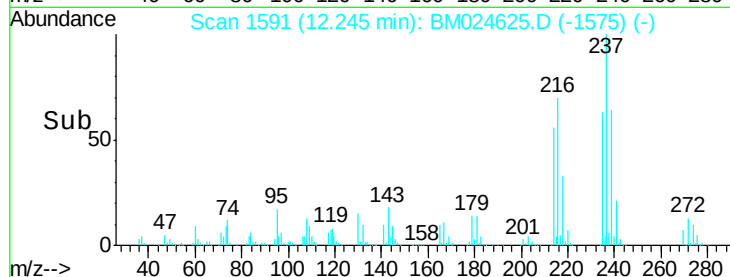
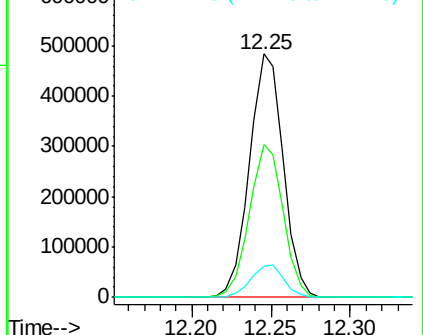
272 13.0 0.0 33.4



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: 94.709 ng

RT: 15.59 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

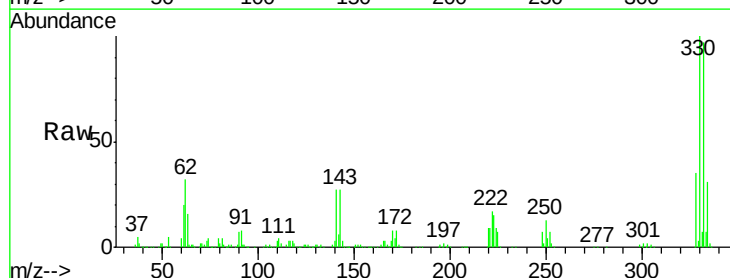
Tgt Ion:330 Resp: 1184362

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

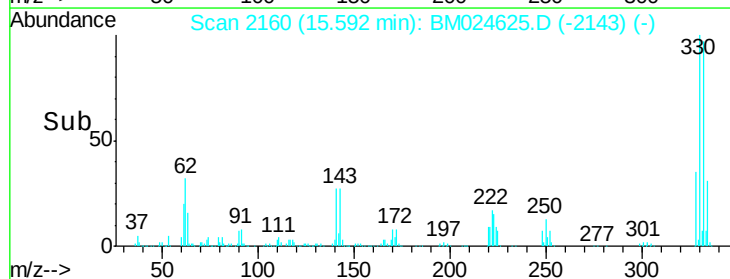
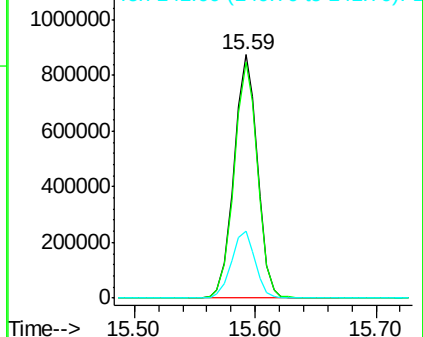
141 27.8 26.9 40.3

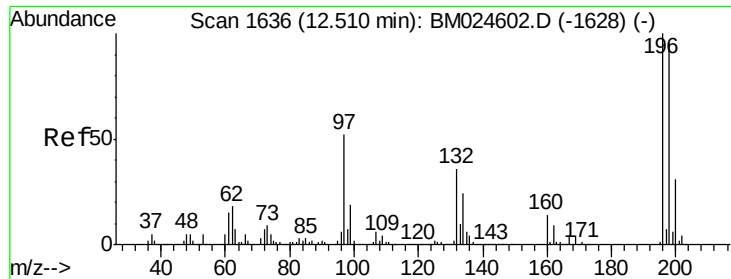


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

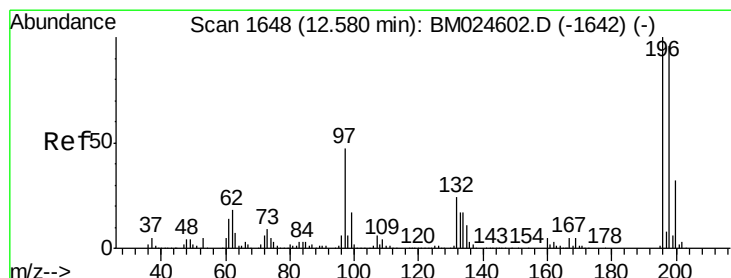
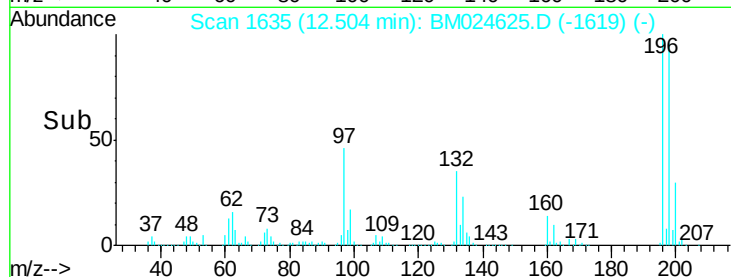
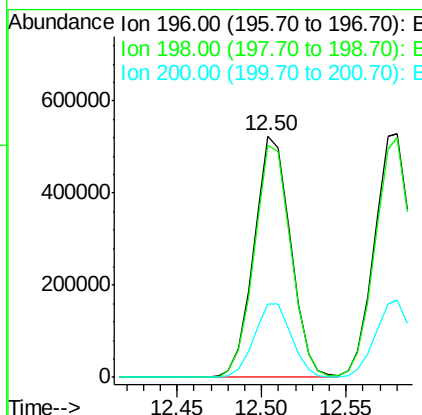
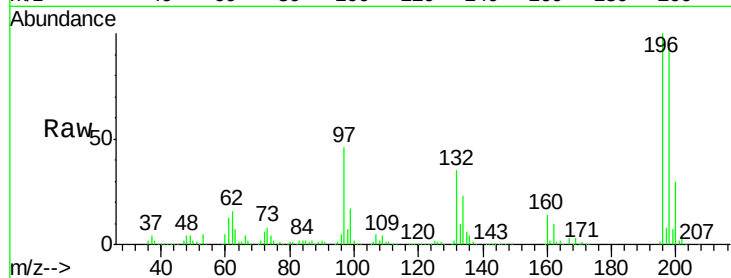




#43
 2,4,6-Trichlorophenol
 Concen: 45.080 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

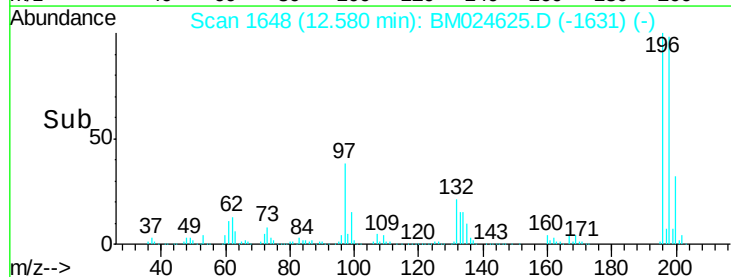
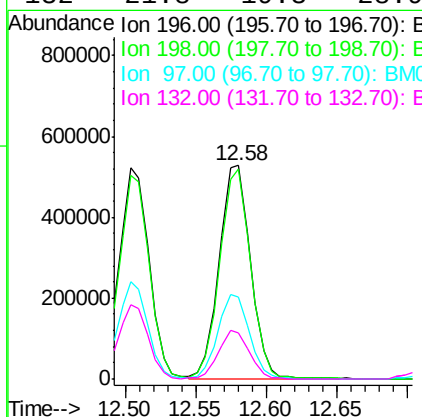
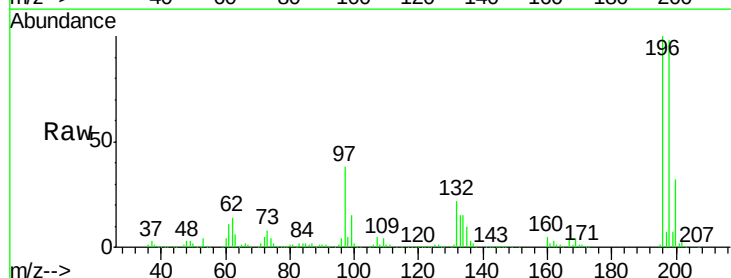
Instrument :
 BNA_M
 ClientSampleId :

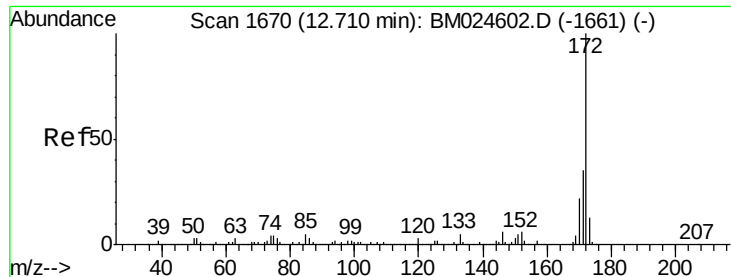
Tot Ion:196 Resp: 787107
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.5 114.7
 200 30.3 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.389 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion:196 Resp: 809357
 Ion Ratio Lower Upper
 196 100
 198 98.4 77.2 115.8
 97 38.5 37.4 56.0
 132 21.8 19.3 28.9

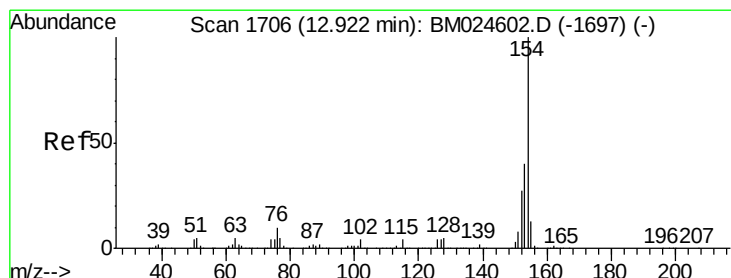
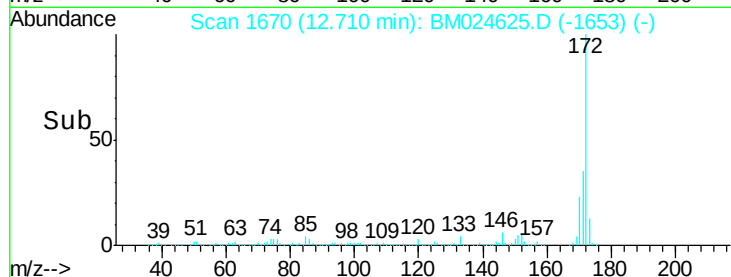
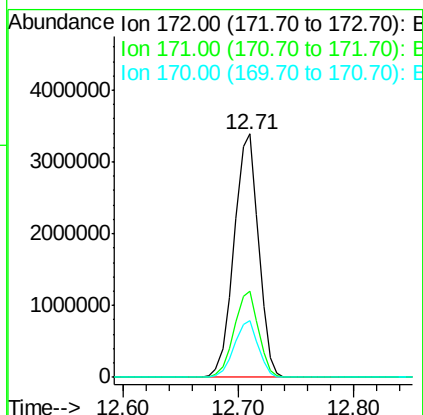
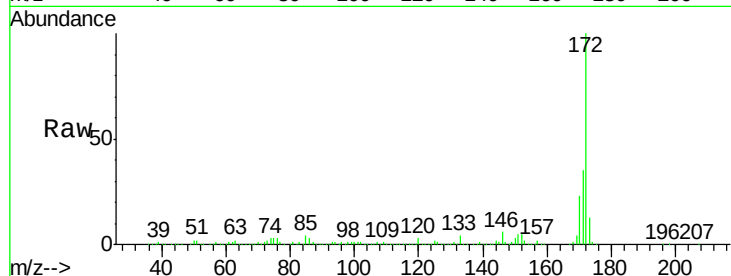




#45
2-Fluorobiphenyl
Concen: 88.021 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

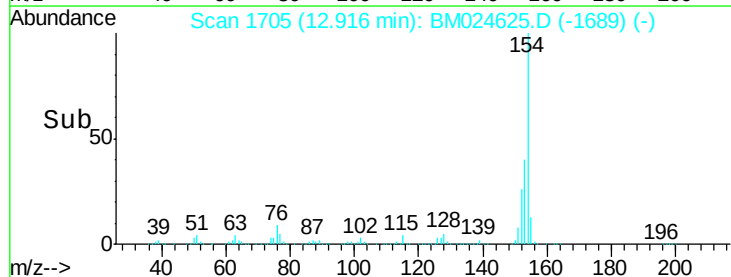
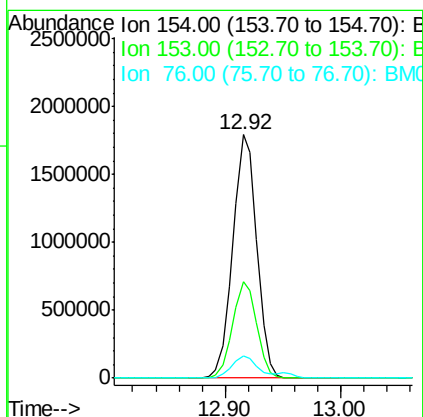
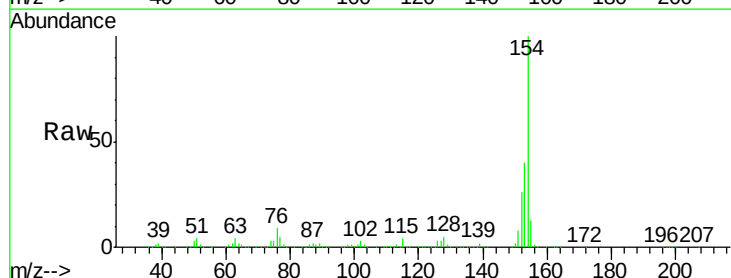
Instrument :
BNA_M
ClientSampled :

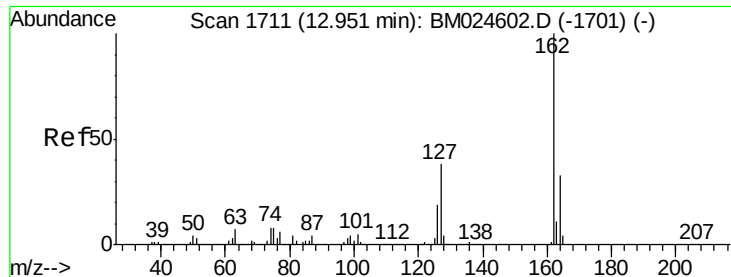
Tot Ion:172 Resp: 4977407
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 17.9 26.9



#46
1,1'-Biphenyl
Concen: 44.140 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:154 Resp: 2568037
Ion Ratio Lower Upper
154 100
153 39.7 20.3 60.3
76 9.3 0.0 30.5

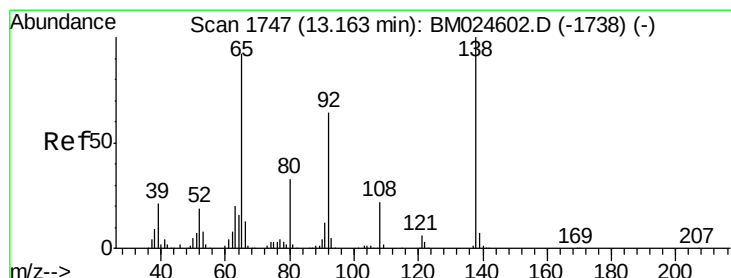
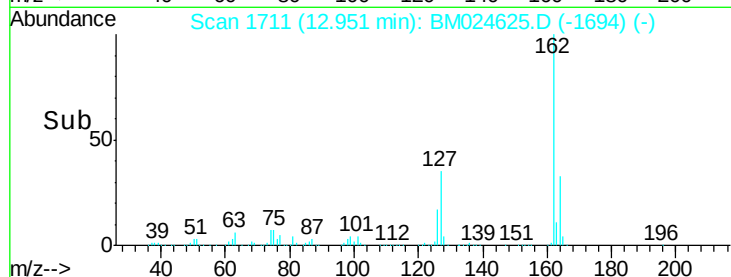
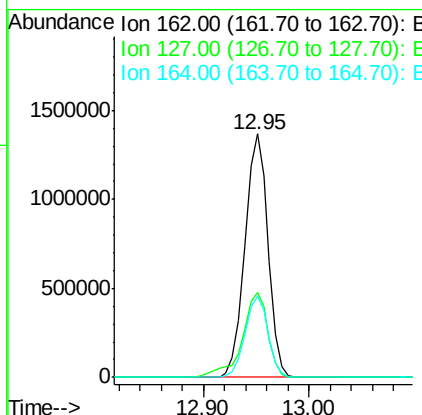
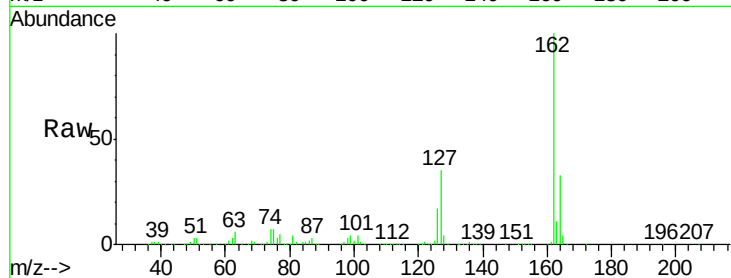




#47
2-Chloronaphthalene
Concen: 44.124 ng
RT: 12.95 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

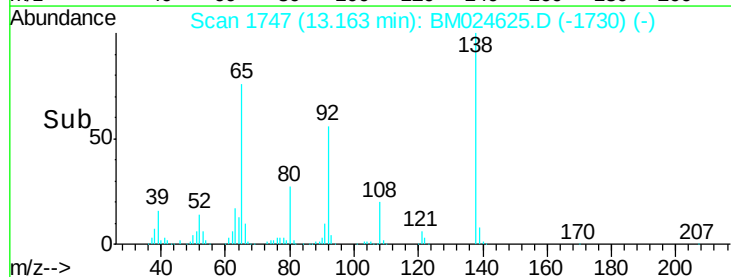
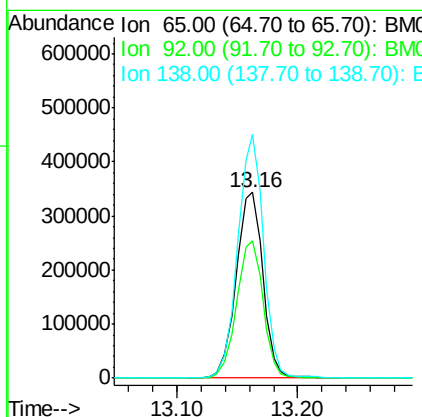
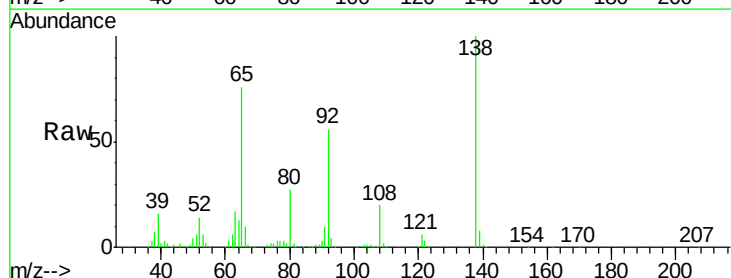
Instrument :
BNA_M
ClientSampleId :

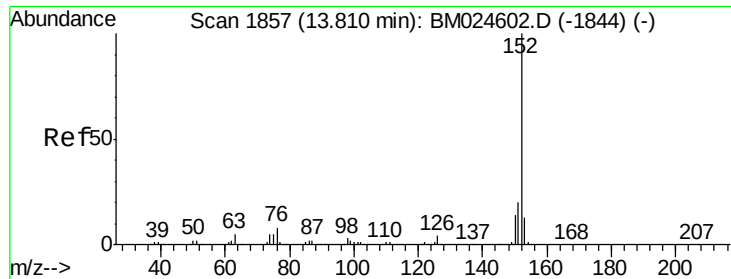
Tot Ion:162 Resp: 2072426
Ion Ratio Lower Upper
162 100
127 35.1 30.4 45.6
164 33.3 26.5 39.7



#48
2-Nitroaniline
Concen: 37.145 ng
RT: 13.16 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion: 65 Resp: 532101
Ion Ratio Lower Upper
65 100
92 73.9 55.4 83.2
138 131.0 86.6 129.8#





#49

Acenaphthylene

Concen: 43.926 ng

RT: 13.81 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

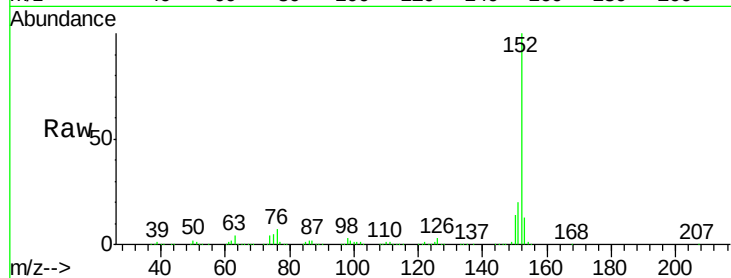
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 3088543

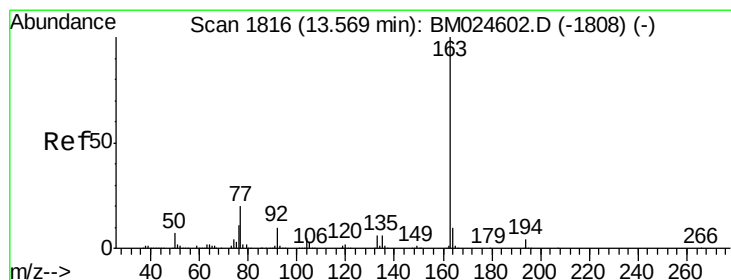
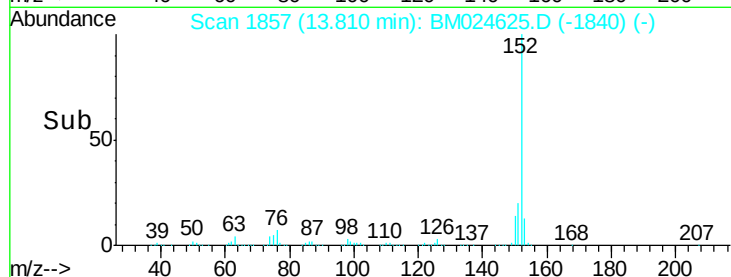
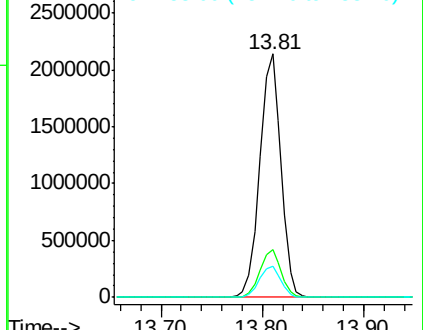
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	12.9	10.4	15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.180 ng

RT: 13.57 min Scan# 1816

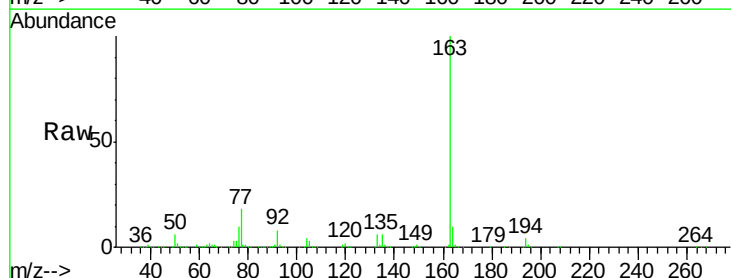
Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion:163 Resp: 2746450

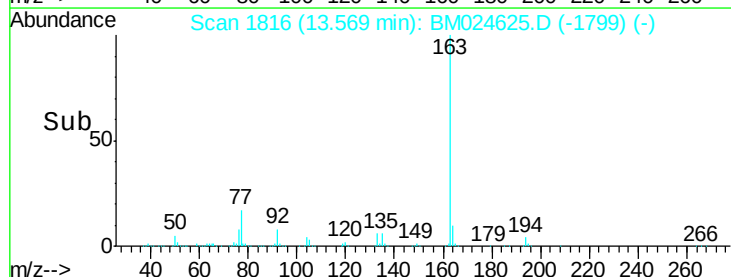
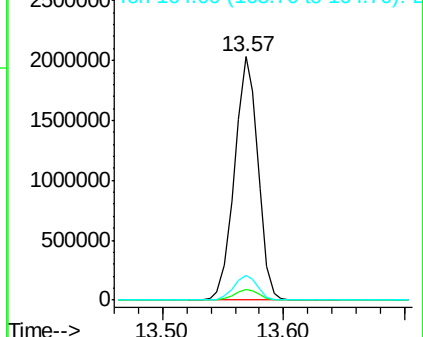
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.1	8.0	12.0

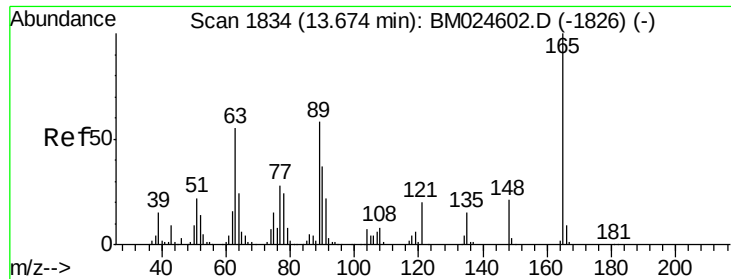


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

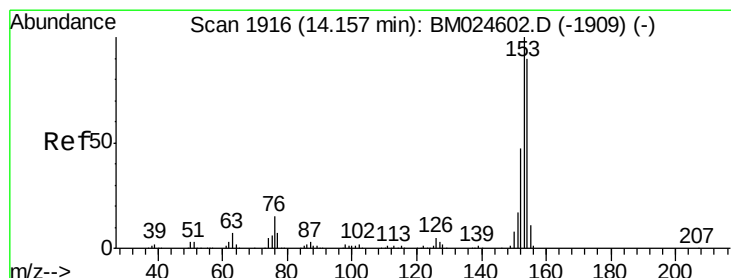
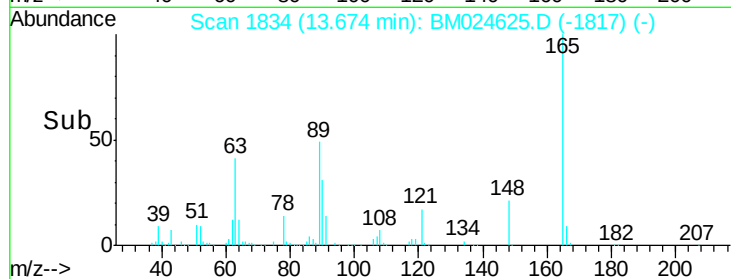
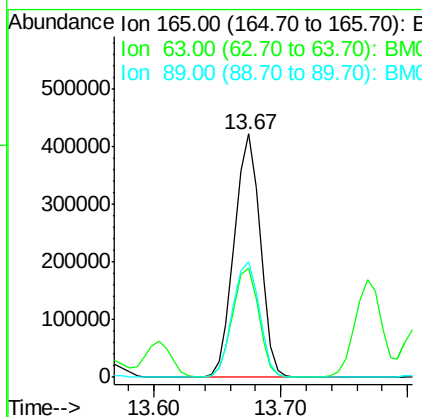
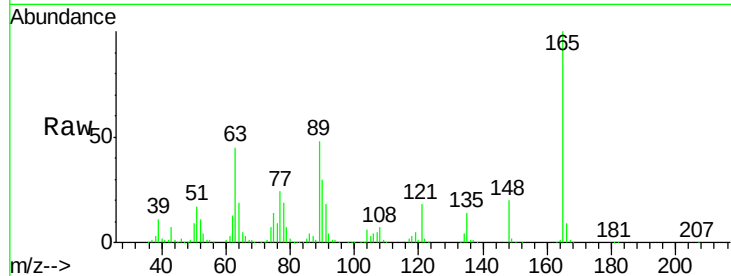




#51
 2,6-Dinitrotoluene
 Concen: 45.224 ng
 RT: 13.67 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

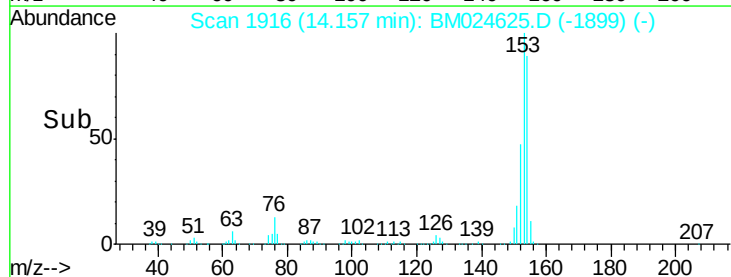
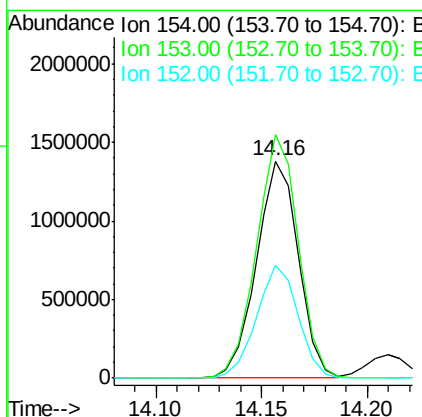
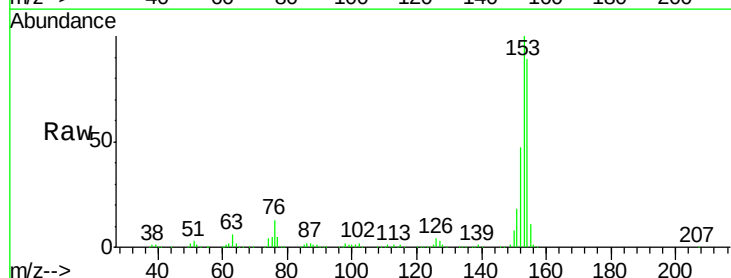
Instrument :
 BNA_M
 ClientSampleId :

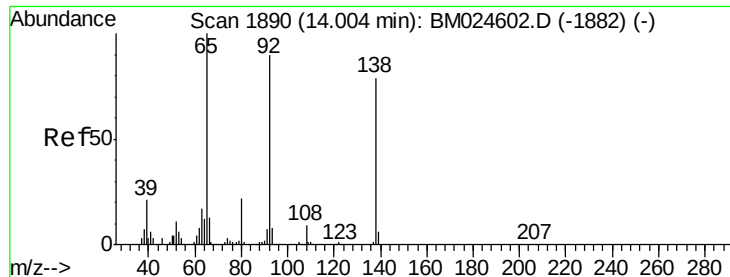
Tot Ion:165 Resp: 597718
 Ion Ratio Lower Upper
 165 100
 63 44.6 45.4 68.0#
 89 47.6 46.6 69.8



#52
 Acenaphthene
 Concen: 43.716 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion:154 Resp: 1907354
 Ion Ratio Lower Upper
 154 100
 153 112.2 89.1 133.7
 152 52.4 41.9 62.9

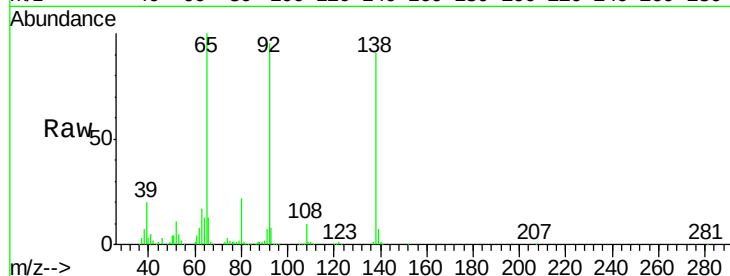




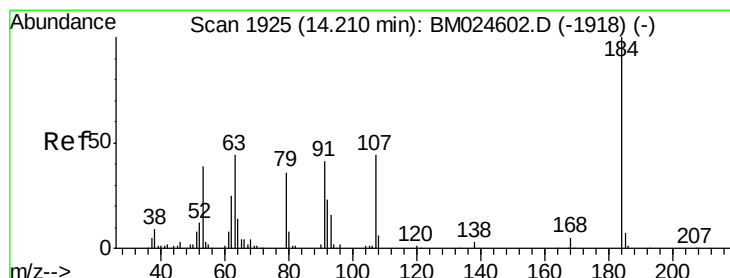
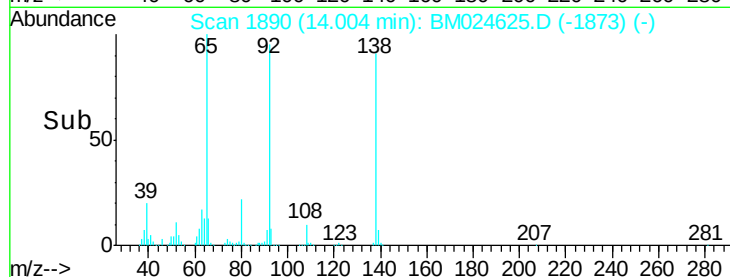
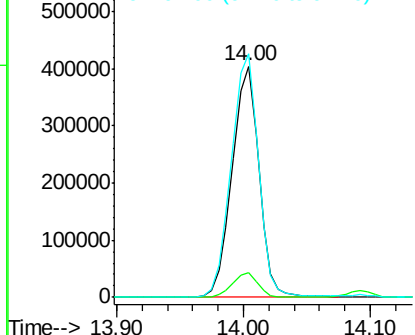
#53
3-Nitroaniline
Concen: 43.267 ng
RT: 14.00 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 593105
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 105.4 91.0 136.4

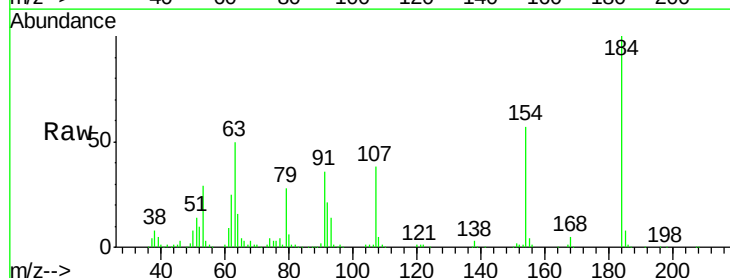


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

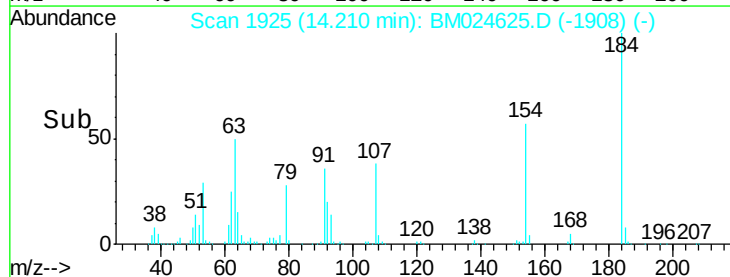
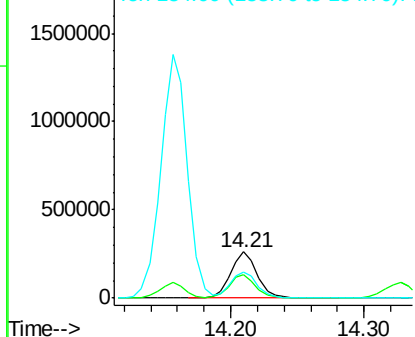


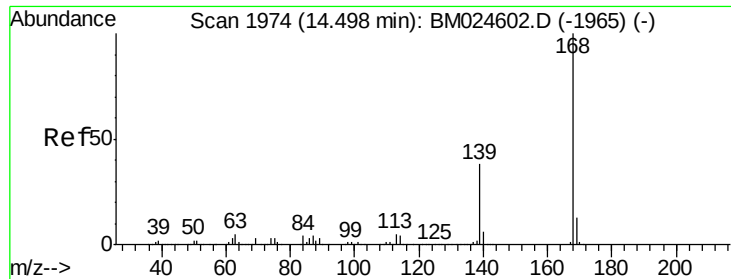
#54
2,4-Dinitrophenol
Concen: 45.817 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:184 Resp: 362119
Ion Ratio Lower Upper
184 100
63 50.3 51.8 77.8#
154 57.2 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

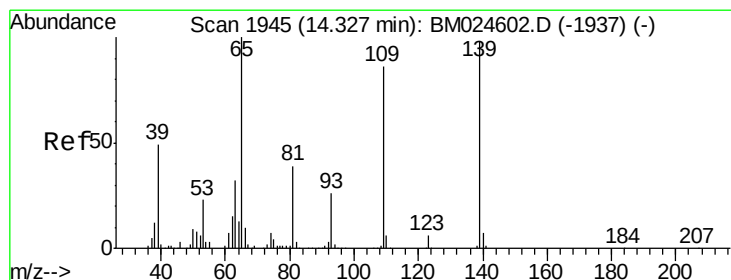
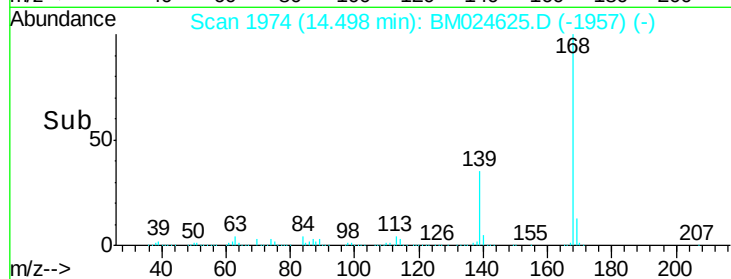
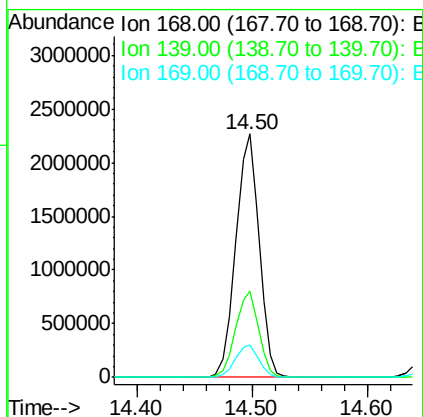
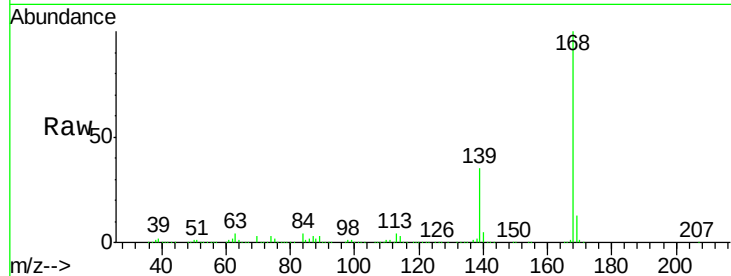




#55
Dibenzofuran
Concen: 44.490 ng
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

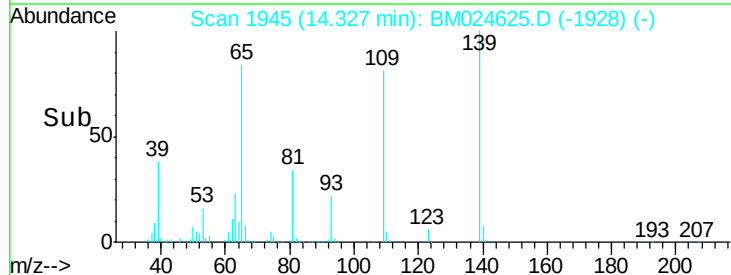
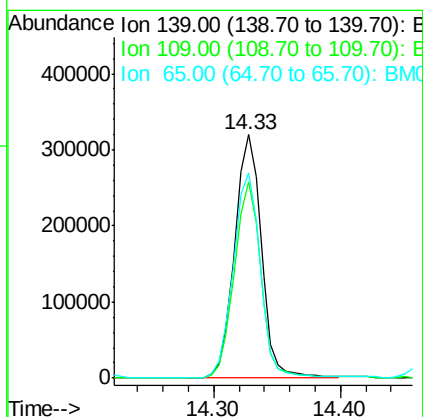
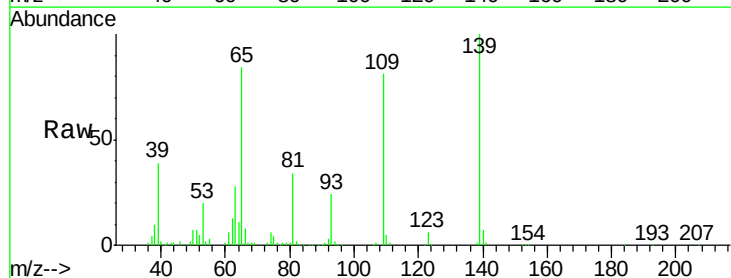
Instrument :
BNA_M
ClientSampleId :

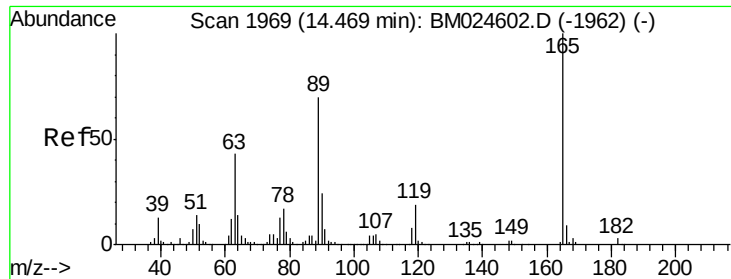
Tot Ion:168 Resp: 3165744
Ion Ratio Lower Upper
168 100
139 35.3 30.2 45.4
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 43.608 ng
RT: 14.33 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:139 Resp: 467283
Ion Ratio Lower Upper
139 100
109 80.8 67.4 107.4
65 84.2 82.1 122.1

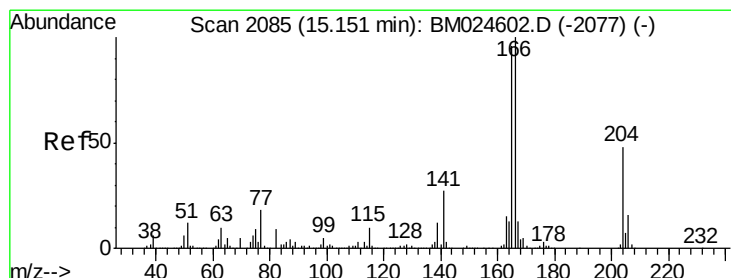
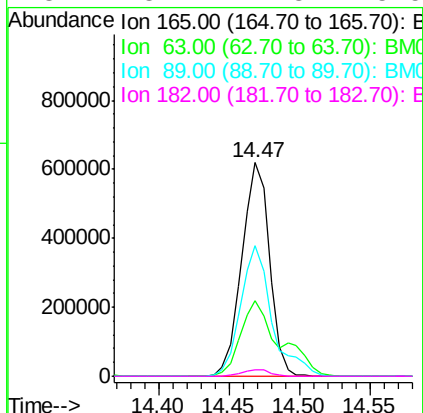
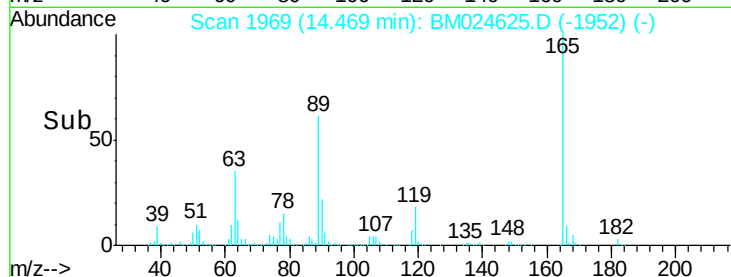
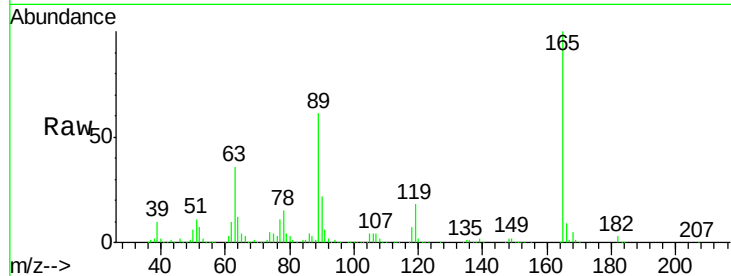




#57
 2,4-Dinitrotoluene
 Concen: 44.985 ng
 RT: 14.47 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

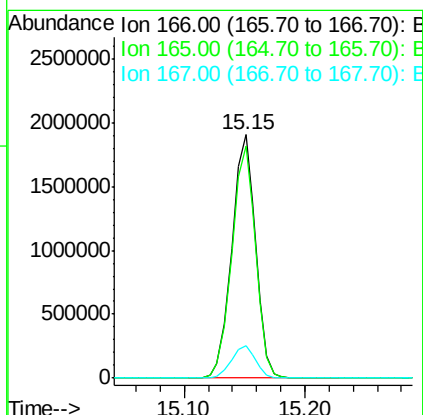
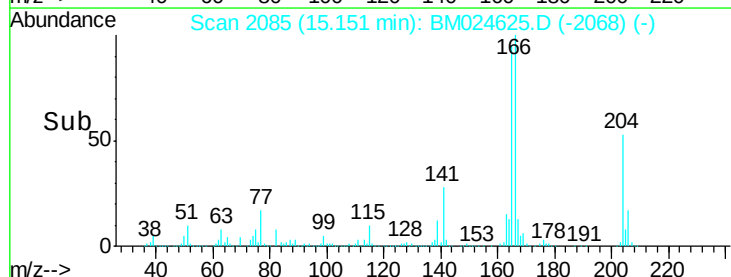
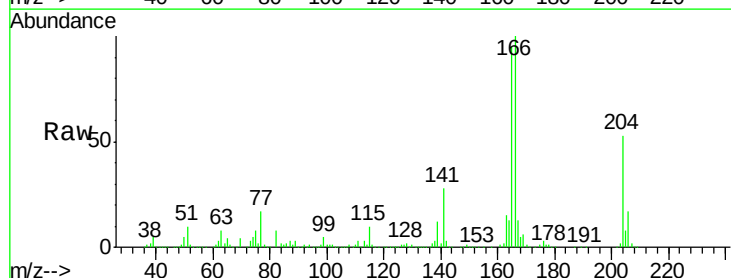
Instrument :
 BNA_M
 ClientSampled :

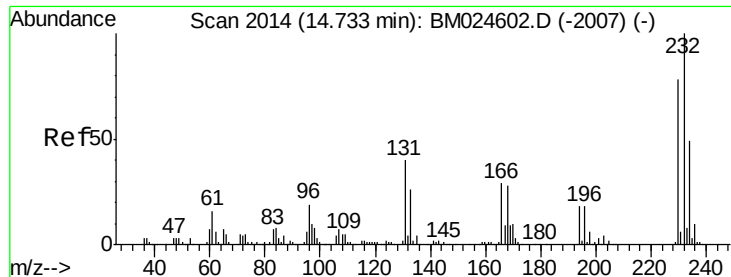
Tot Ion:165	Resp:	852102
Ion	Ratio	Lower Upper
165	100	
63	35.6	34.5 51.7
89	61.1	55.8 83.8
182	3.2	2.3 3.5



#58
 Fluorene
 Concen: 43.599 ng
 RT: 15.15 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion:166	Resp:	2607102
Ion	Ratio	Lower Upper
166	100	
165	95.3	76.6 114.8
167	13.2	10.8 16.2

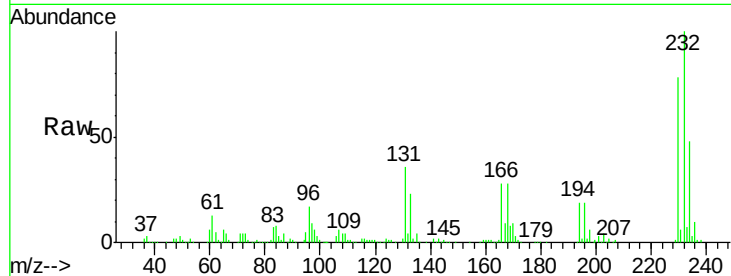




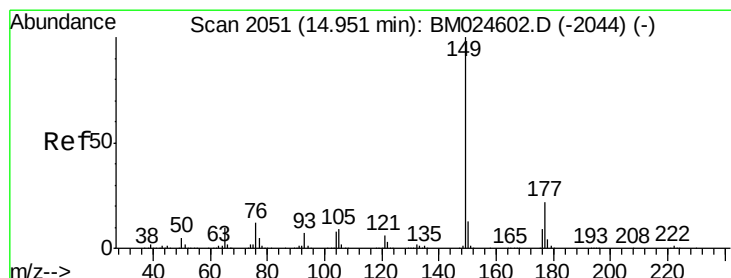
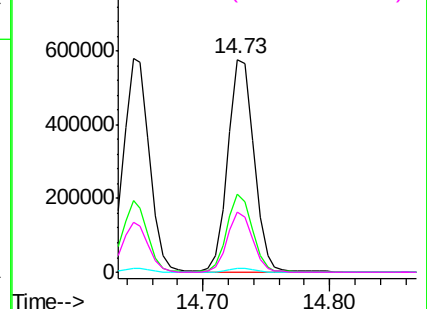
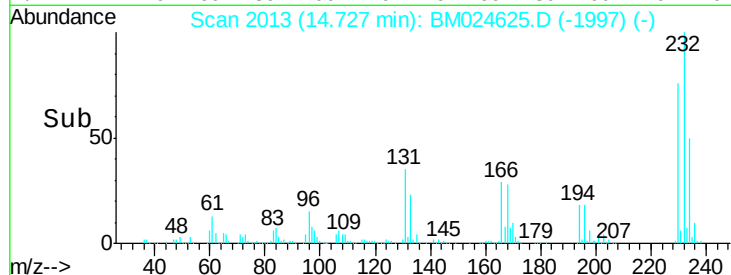
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.305 ng
 RT: 14.73 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 819254
 Ion Ratio Lower Upper
 232 100
 131 35.8 32.2 48.4
 130 1.9 1.9 2.9
 166 27.4 23.4 35.0

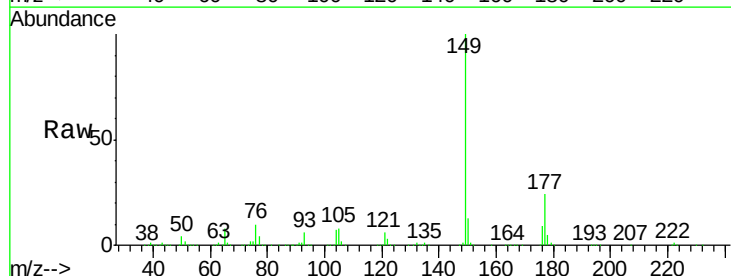


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

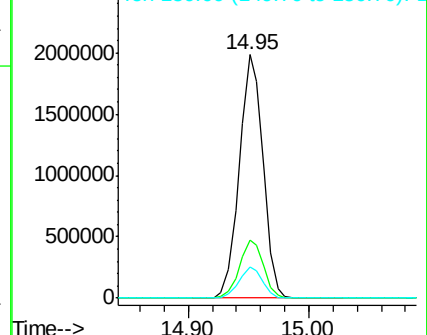
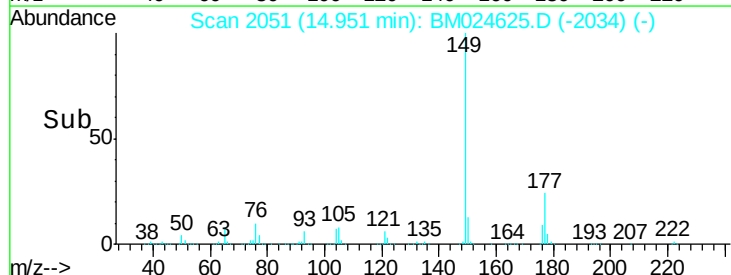


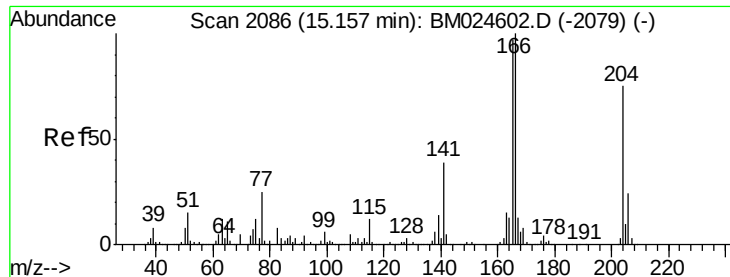
#60
 Diethylphthalate
 Concen: 42.869 ng
 RT: 14.95 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion:149 Resp: 2705503
 Ion Ratio Lower Upper
 149 100
 177 23.8 18.0 27.0
 150 13.0 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

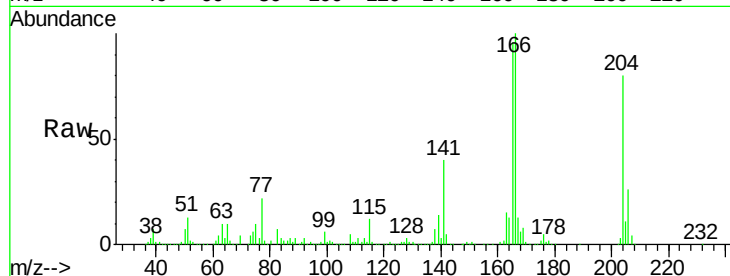




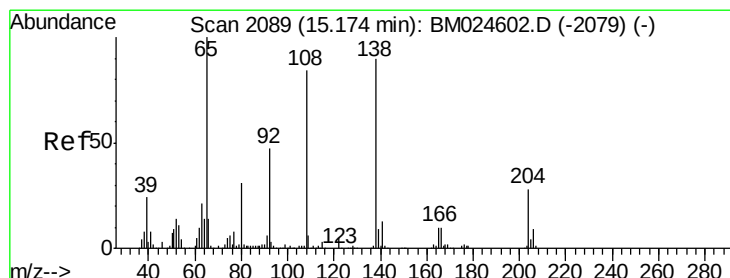
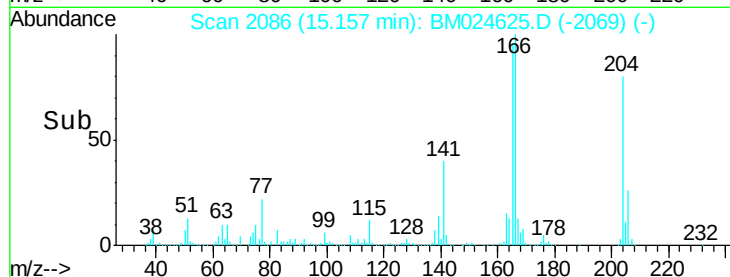
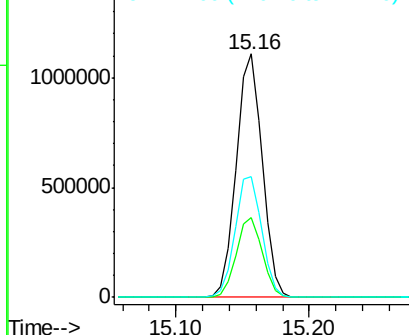
#61
 4-Chlorophenyl-phenylether
 Concen: 43.466 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 1498502
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.2 39.2
 141 49.7 42.2 63.2

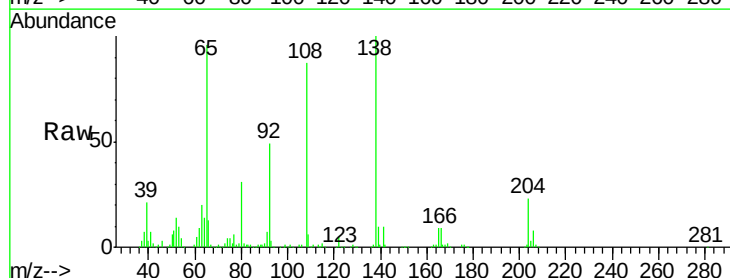


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

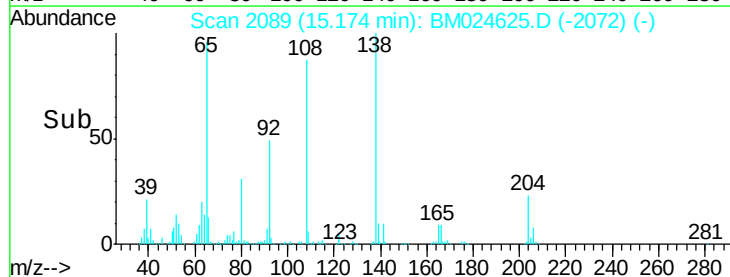
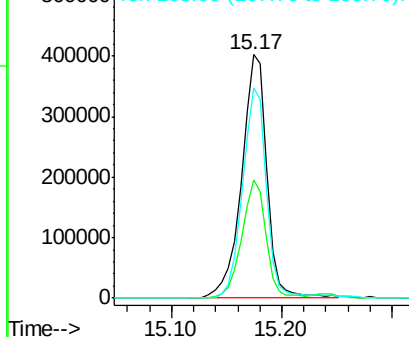


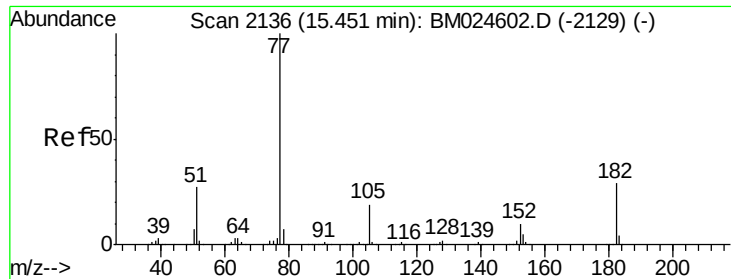
#62
 4-Nitroaniline
 Concen: 42.996 ng
 RT: 15.17 min Scan# 2089
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion:138 Resp: 650585
 Ion Ratio Lower Upper
 138 100
 92 48.8 32.4 72.4
 108 86.6 73.3 113.3



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





#63

Azobenzene

Concen: 37.904 ng

RT: 15.45 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2040490

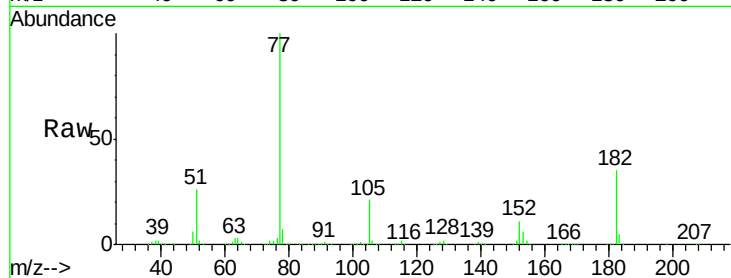
Ion Ratio Lower Upper

77 100

182 35.0 8.7 48.7

105 21.5 0.0 39.2

51 25.8 7.5 47.5

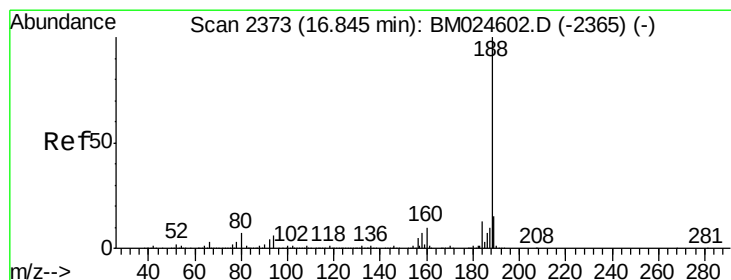
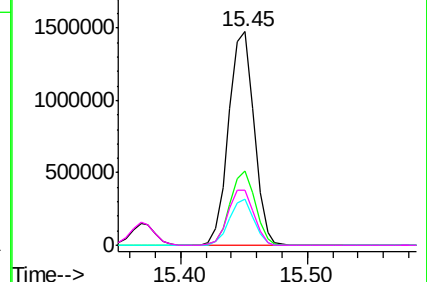
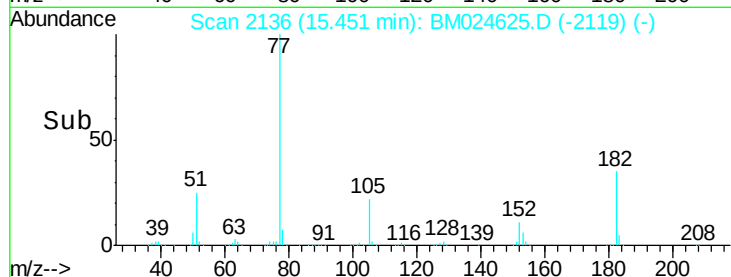


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

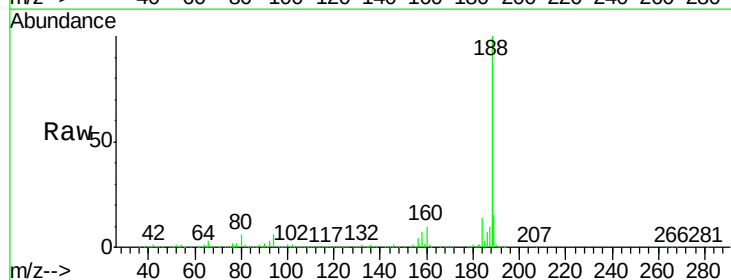
Tgt Ion: 188 Resp: 1800507

Ion Ratio Lower Upper

188 100

94 5.7 5.0 7.6

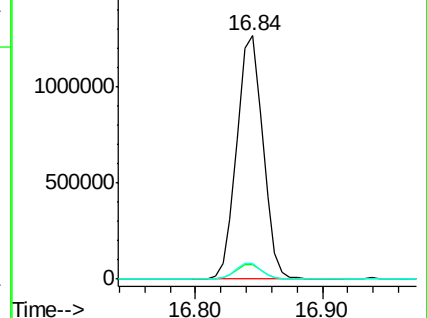
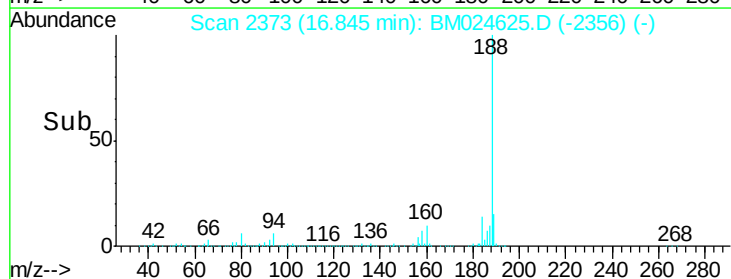
80 6.5 5.8 8.8

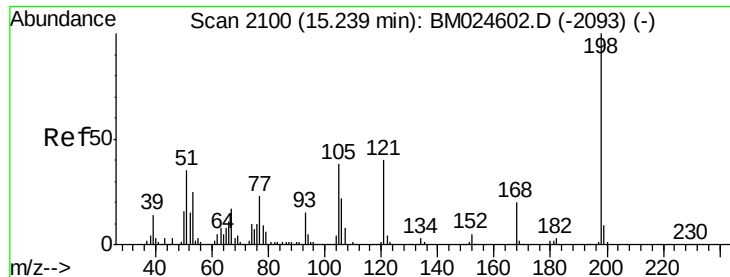


Abundance Ion 188.00 (187.70 to 188.70): E

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: 45.974 ng

RT: 15.24 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampled :

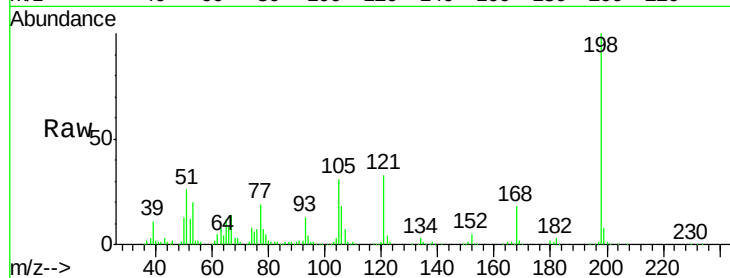
Tot Ion:198 Resp: 486712

Ion	Ratio	Lower	Upper
198	100		
51	26.2	15.8	55.8
105	31.4	18.5	58.5

198 100

51 26.2 15.8 55.8

105 31.4 18.5 58.5



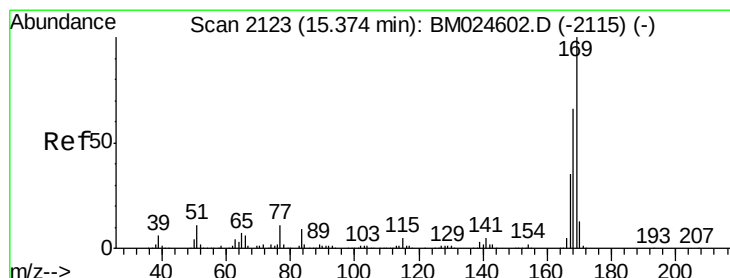
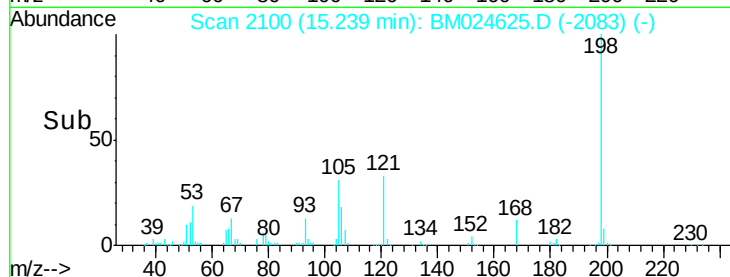
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM024625.D (-2093) (-)

Ion 105.00 (104.70 to 105.70): E

15.24

Time-->



#66

n-Nitrosodiphenylamine

Concen: 44.251 ng

RT: 15.37 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

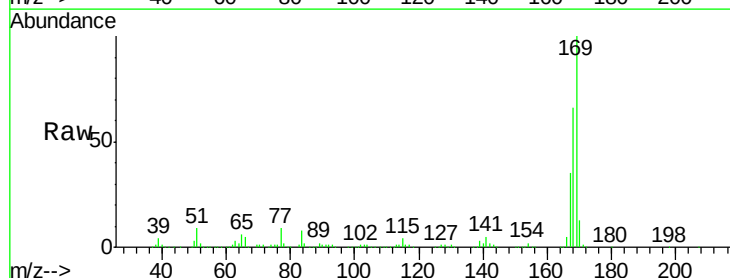
Tgt Ion:169 Resp: 2288657

Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.8	79.2
167	34.9	28.2	42.2

169 100

168 66.0 52.8 79.2

167 34.9 28.2 42.2



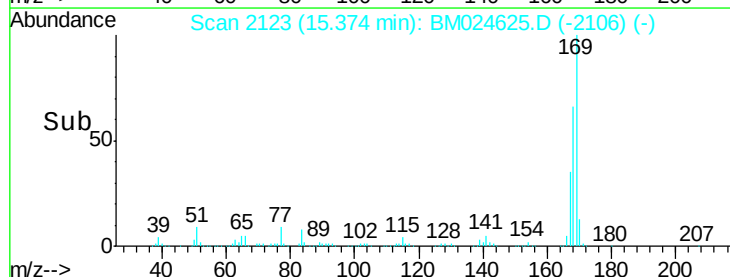
Abundance Ion 169.00 (168.70 to 169.70): E

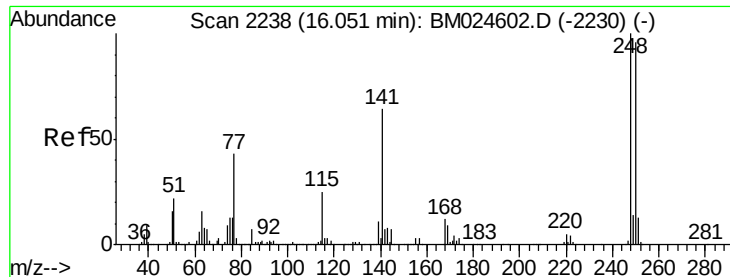
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.37

Time-->

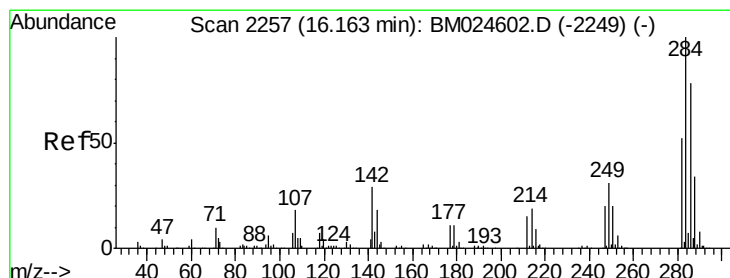
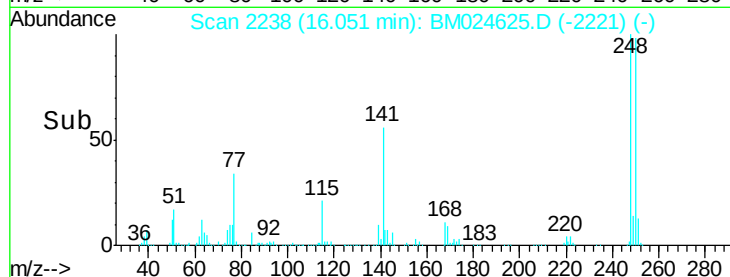
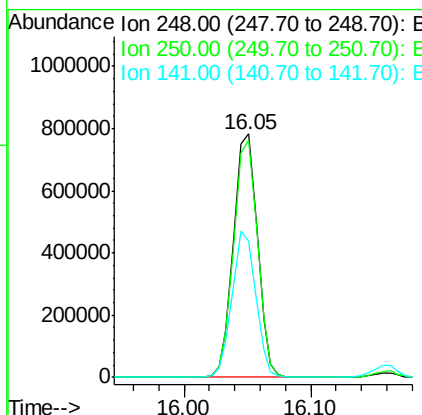
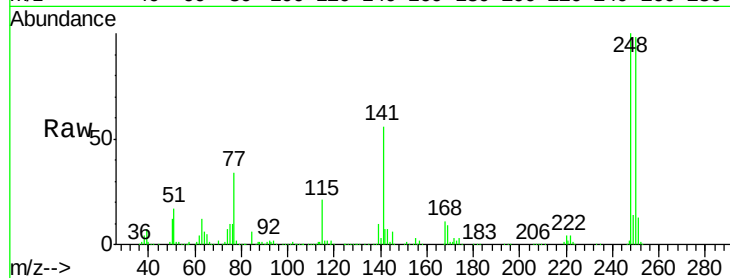




#67
4-Bromophenyl-phenylether
Concen: 45.877 ng
RT: 16.05 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

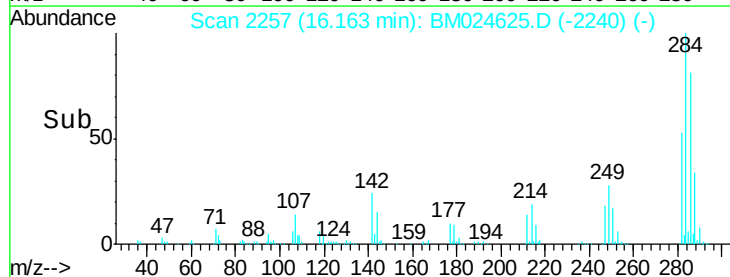
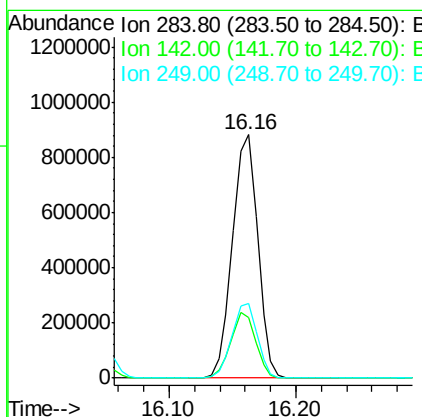
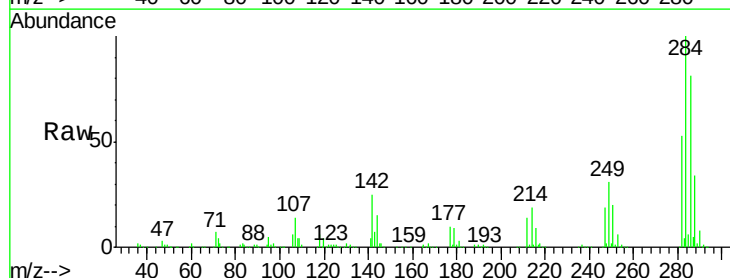
Instrument :
BNA_M
ClientSampled :

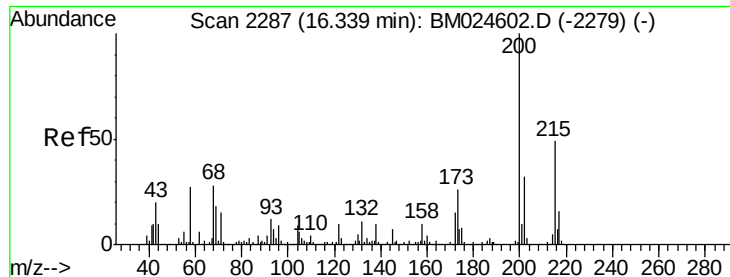
Tot Ion:248 Resp: 1027211
Ion Ratio Lower Upper
248 100
250 97.5 77.0 115.6
141 56.2 50.9 76.3



#68
Hexachlorobenzene
Concen: 47.275 ng
RT: 16.16 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:284 Resp: 1214704
Ion Ratio Lower Upper
284 100
142 25.0 23.5 35.3
249 30.7 24.6 36.8





#69

Atrazine

Concen: 40.636 ng

RT: 16.34 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampled :

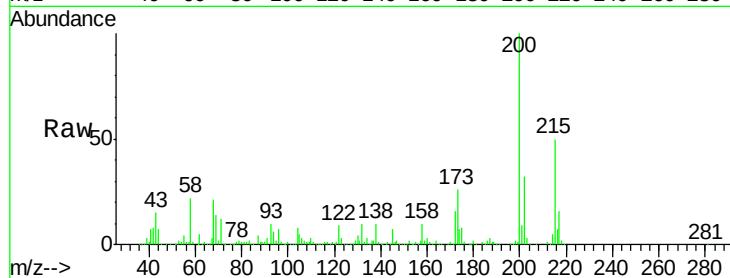
Tot Ion:200 Resp: 806734

Ion Ratio Lower Upper

200 100

173 25.5 5.5 45.5

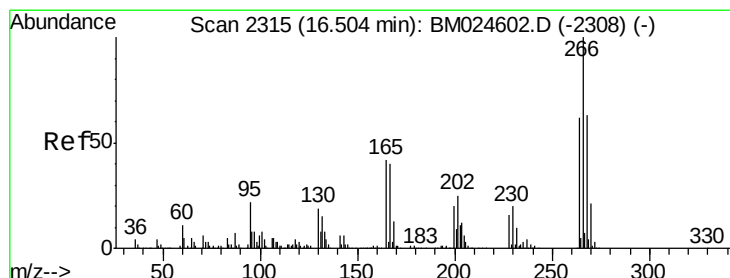
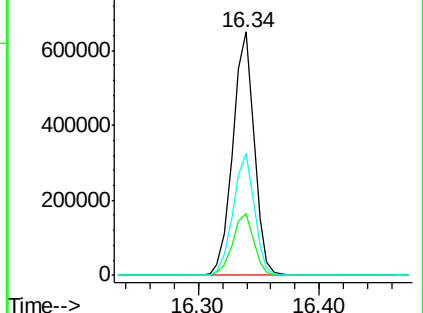
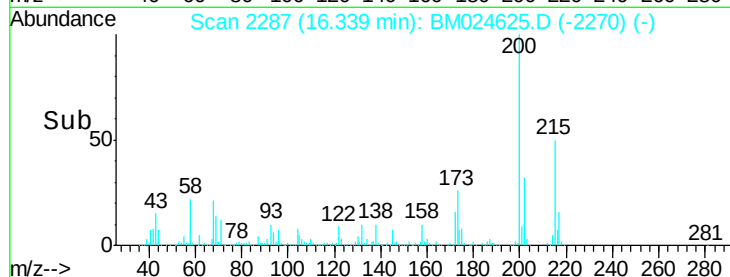
215 49.9 29.4 69.4



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: 46.252 ng

RT: 16.50 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

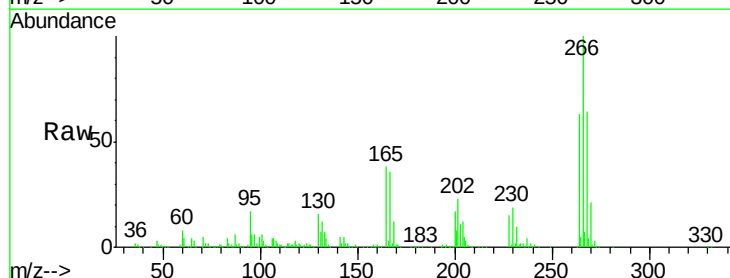
Tgt Ion:266 Resp: 723894

Ion Ratio Lower Upper

266 100

268 63.8 50.4 75.6

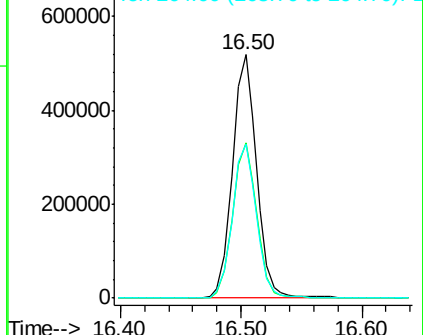
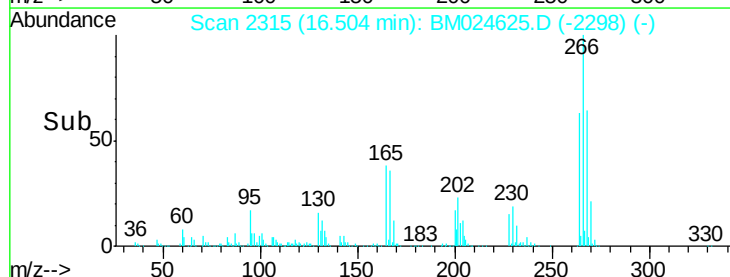
264 63.1 49.9 74.9

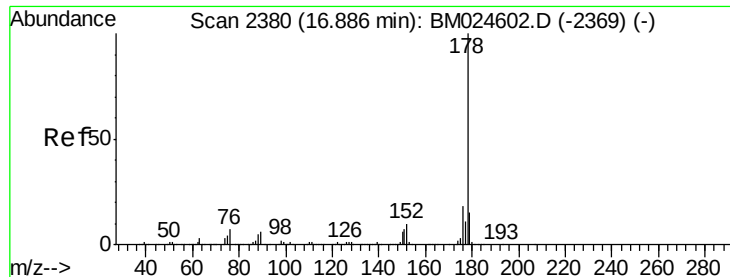


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

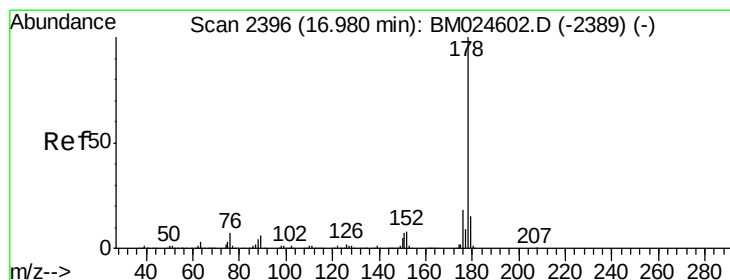
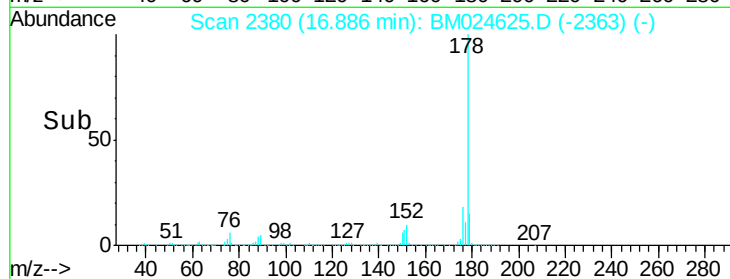
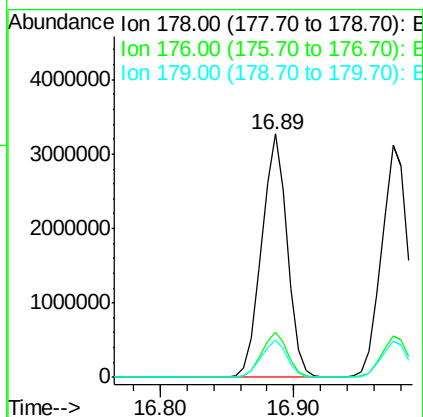
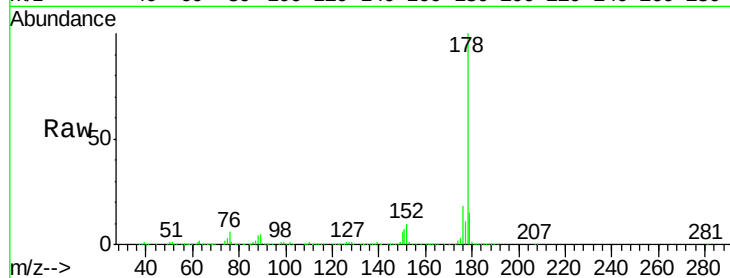




#71
Phenanthrene
Concen: 44.342 ng
RT: 16.89 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

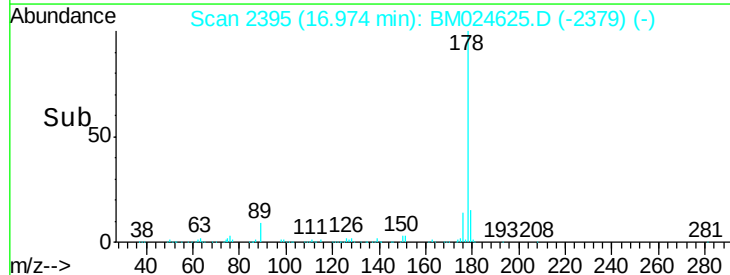
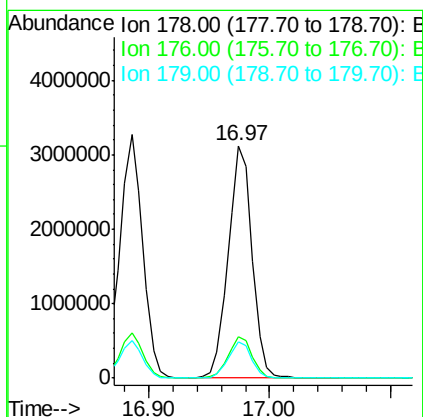
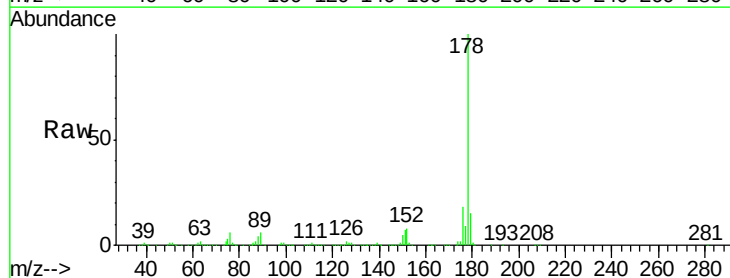
Instrument :
BNA_M
ClientSampleId :

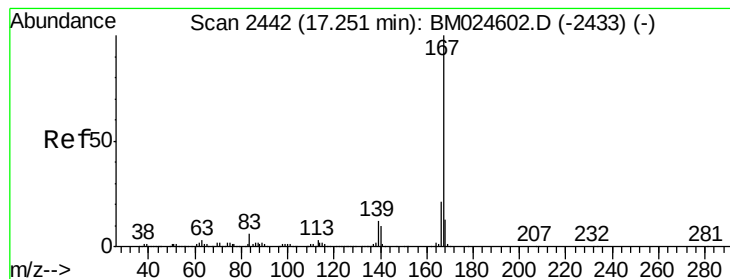
Tot Ion:178 Resp: 4323334
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 15.3 11.9 17.9



#72
Anthracene
Concen: 44.603 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:178 Resp: 4255197
Ion Ratio Lower Upper
178 100
176 18.0 14.3 21.5
179 15.4 12.1 18.1





#73

Carbazole

Concen: 44.400 ng

RT: 17.25 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

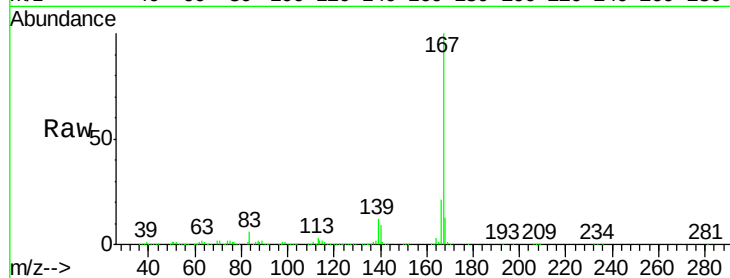
Tot Ion:167 Resp: 3856042

Ion Ratio Lower Upper

167 100

166 21.0 17.1 25.7

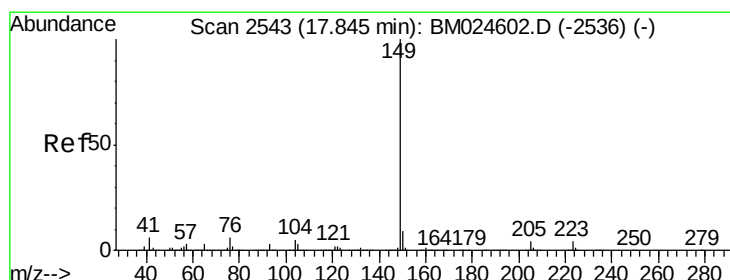
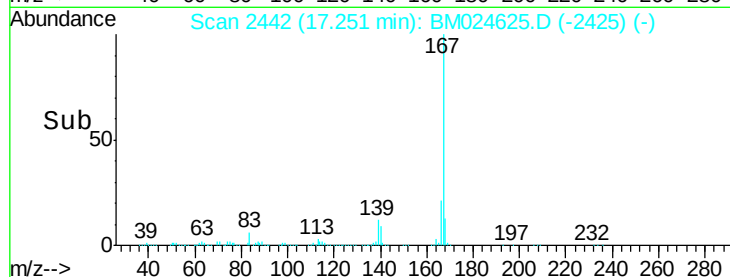
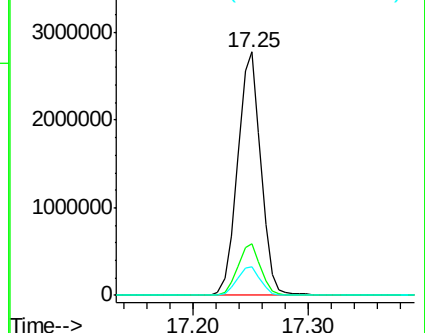
139 11.8 9.8 14.8



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: 42.421 ng

RT: 17.84 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

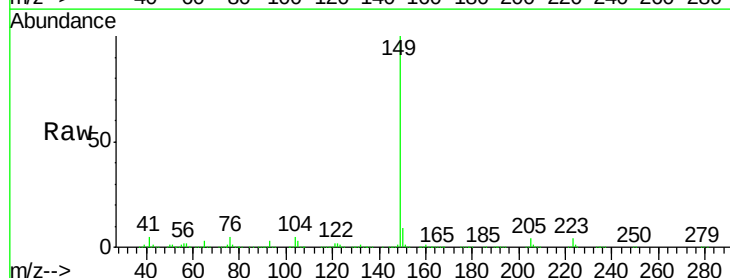
Tgt Ion:149 Resp: 4709940

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

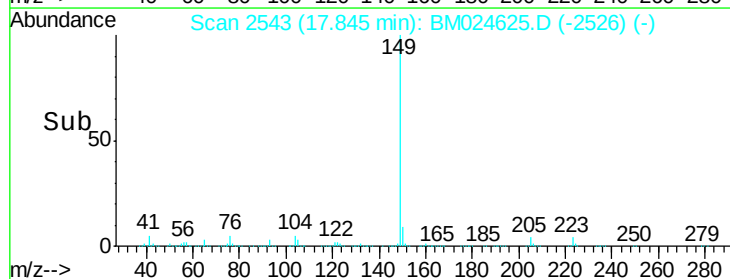
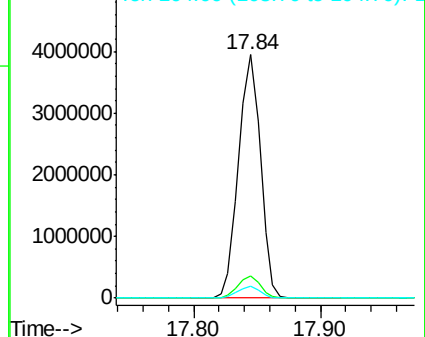
104 4.8 4.3 6.5

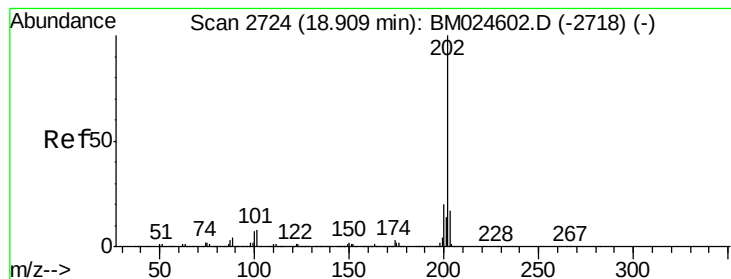


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.521 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampled :

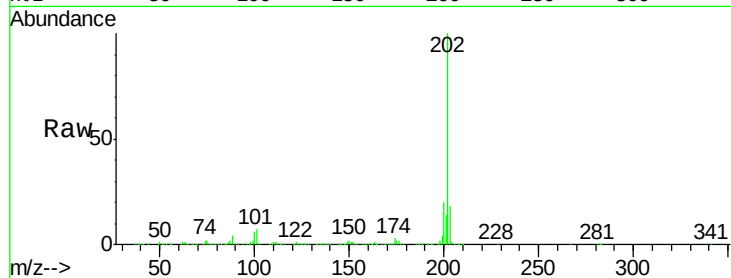
Tot Ion:202 Resp: 5417802

Ion Ratio Lower Upper

202 100

101 7.4 0.0 28.4

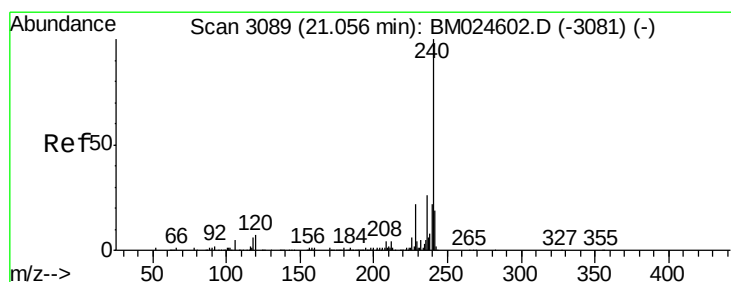
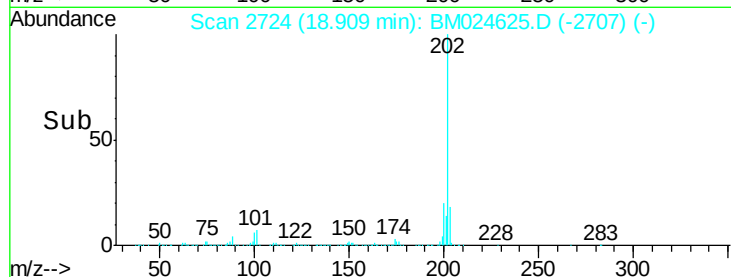
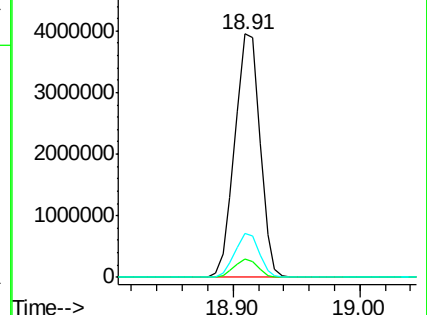
203 18.0 0.0 37.5



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: 21.06 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

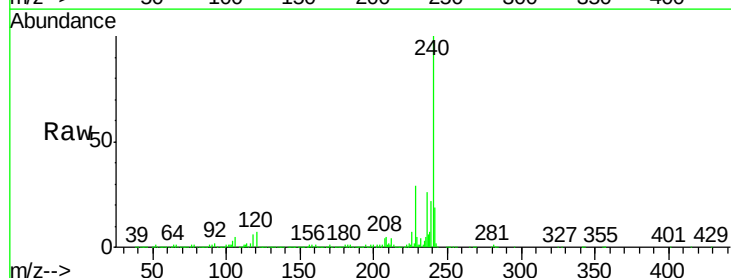
Tgt Ion:240 Resp: 1835888

Ion Ratio Lower Upper

240 100

120 6.6 5.3 7.9

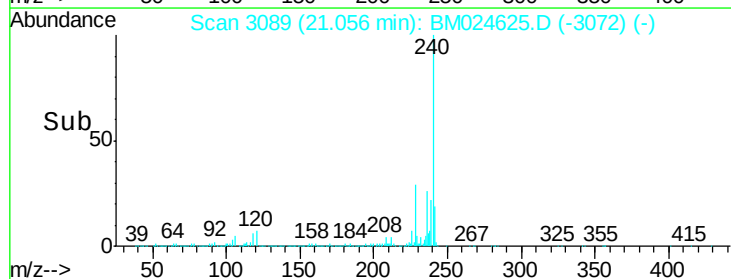
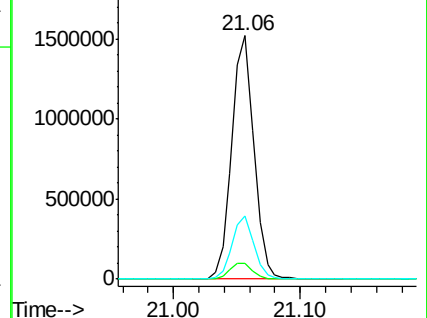
236 26.0 20.6 31.0

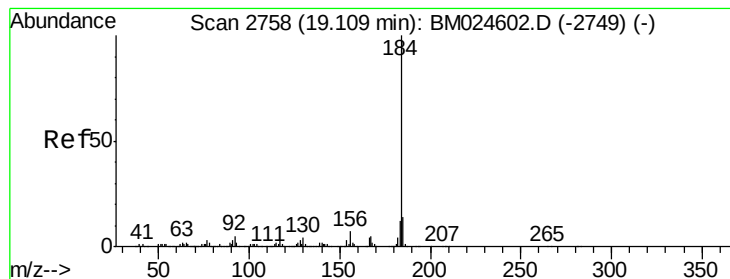


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.102 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

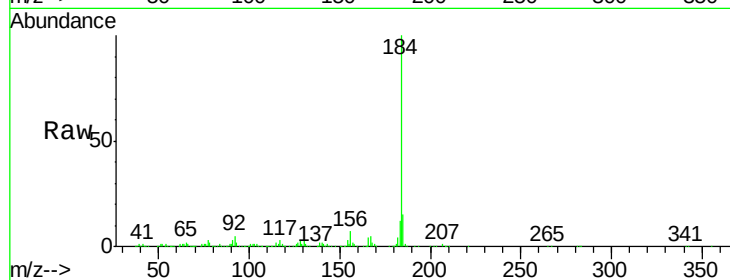
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 2270380

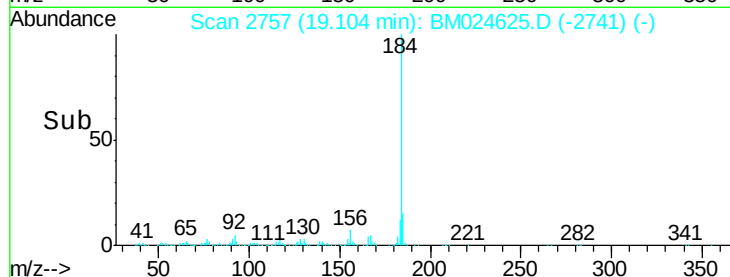
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.3	16.9
183	11.7	9.6	14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

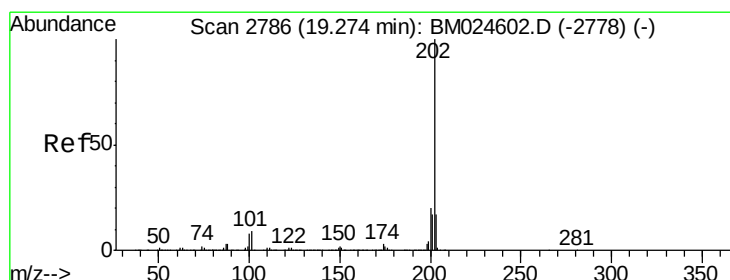
Ion 183.00 (182.70 to 183.70): E



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: 46.190 ng

RT: 19.27 min Scan# 2786

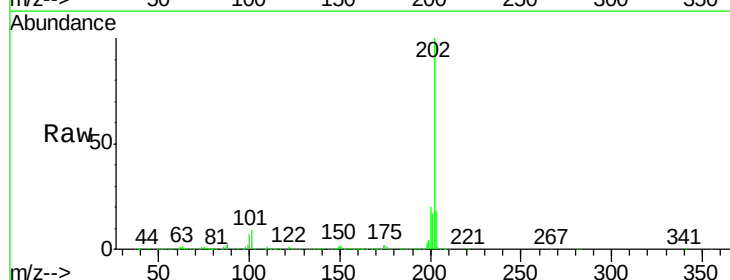
Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion:202 Resp: 5590344

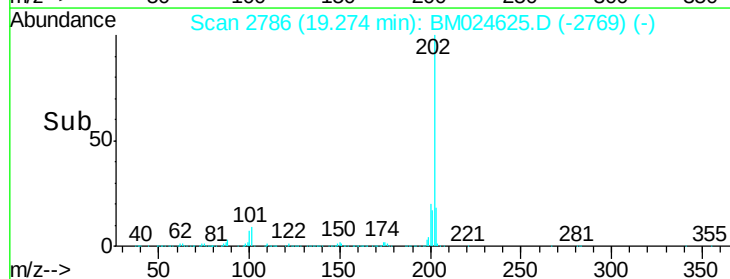
Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.6	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

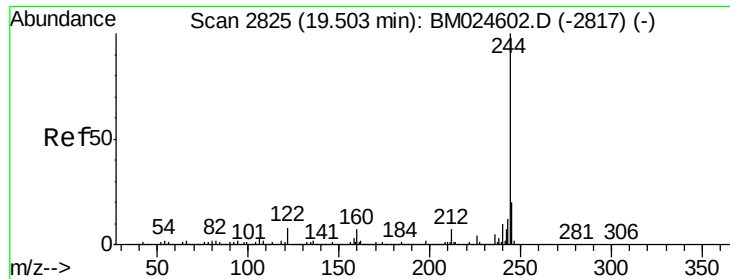
Ion 203.00 (202.70 to 203.70): E



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: 94.332 ng

RT: 19.50 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

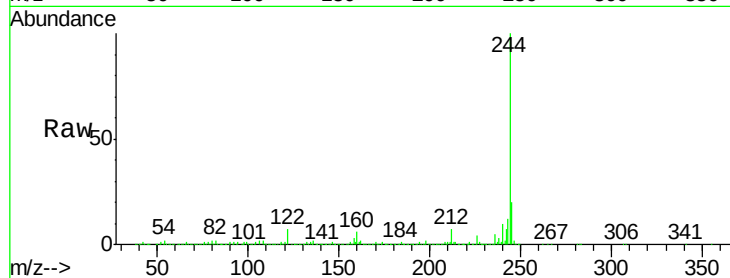
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 9276532

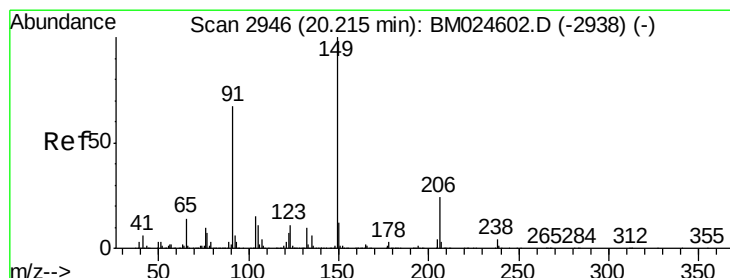
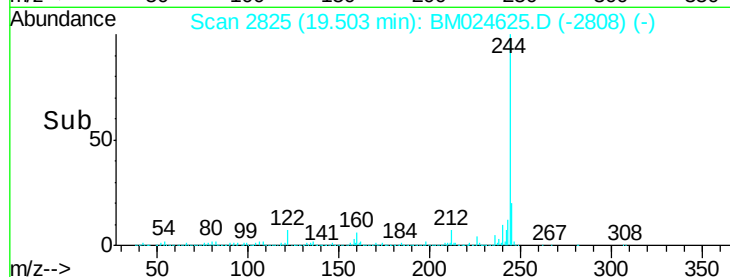
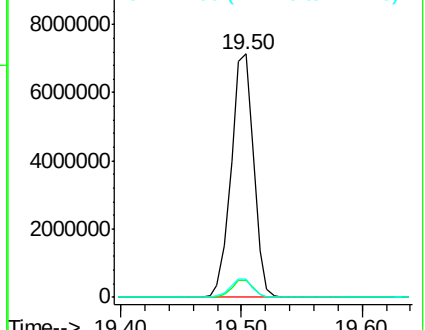
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	7.4	6.2	9.4



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: 42.780 ng

RT: 20.22 min Scan# 2946

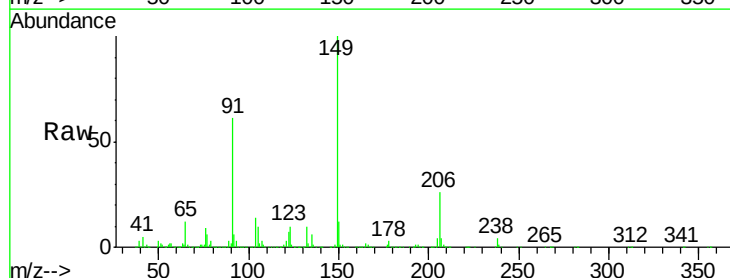
Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion:149 Resp: 2172611

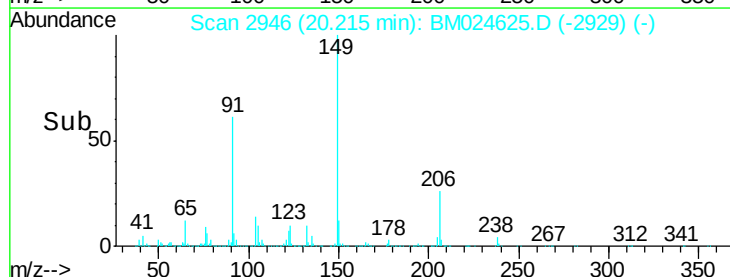
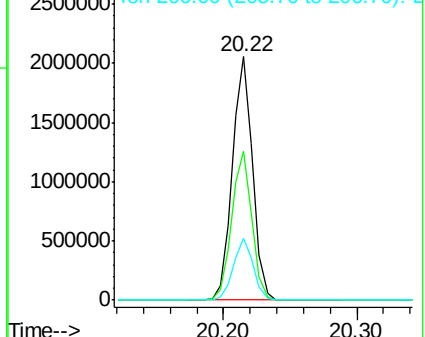
Ion	Ratio	Lower	Upper
149	100		
91	61.0	53.9	80.9
206	25.5	19.0	28.6

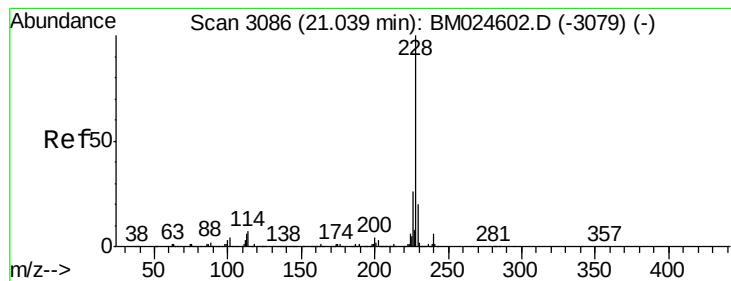


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.083 ng

RT: 21.04 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

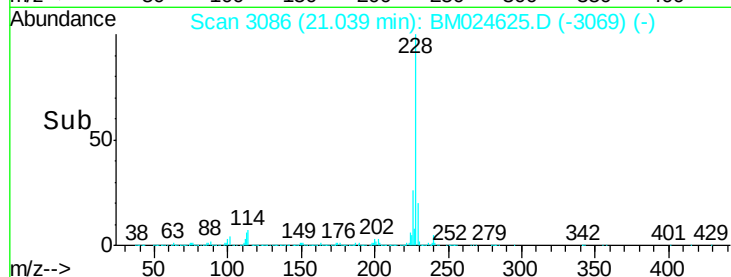
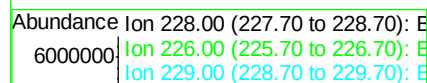
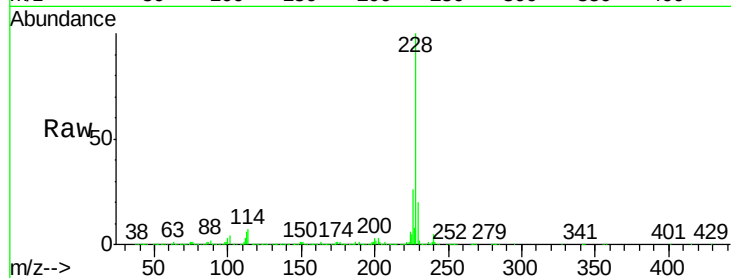
Instrument :

BNA_M

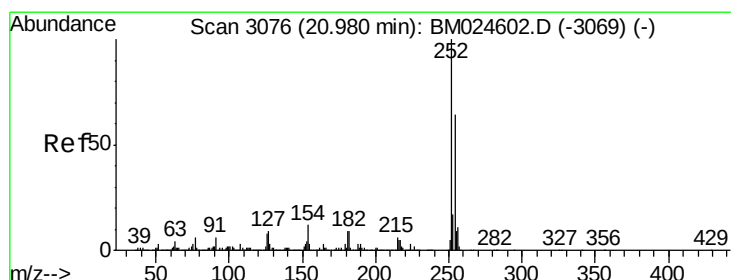
ClientSampleId :

Tot Ion:228 Resp: 5617052

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.1	31.7
229	19.7	15.8	23.6



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 45.748 ng

RT: 20.98 min Scan# 3076

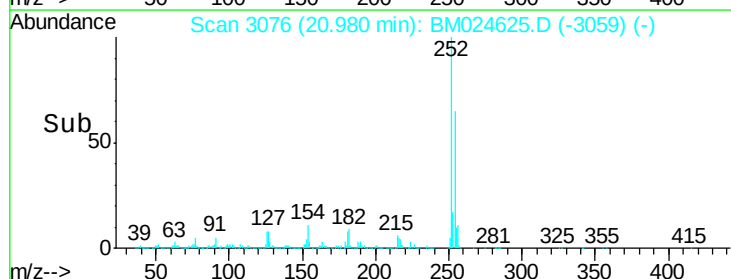
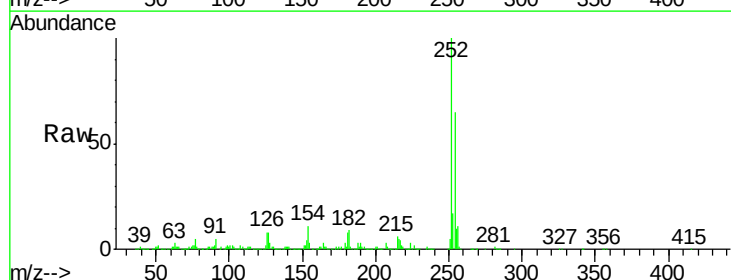
Delta R.T. 0.00 min

Lab File: BM024625.D

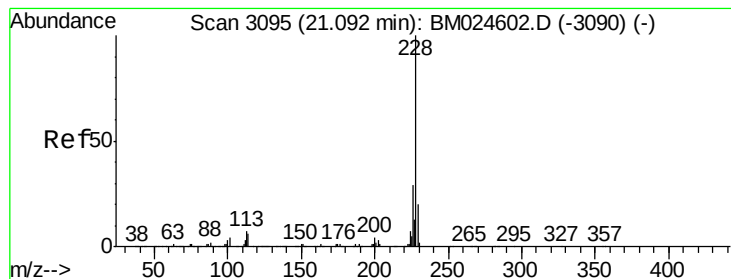
Acq: 27 Jan 2020 13:20

Tgt Ion:252 Resp: 2096924

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	7.6	6.7	10.1



Time-->



#83

Chrysene

Concen: 44.025 ng

RT: 21.09 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

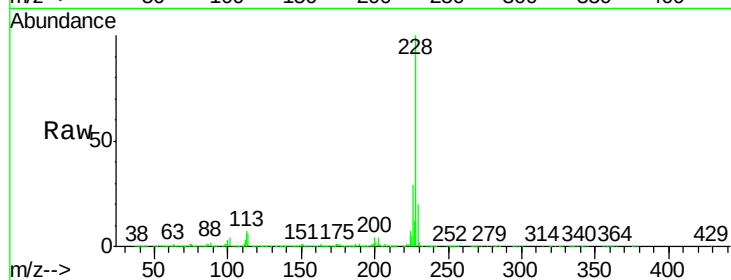
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 5352825

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.2	34.8
229	19.7	15.7	23.5

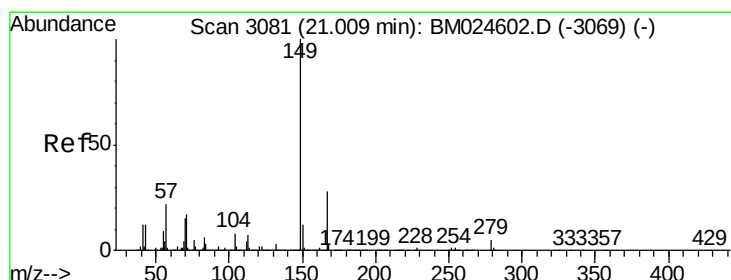
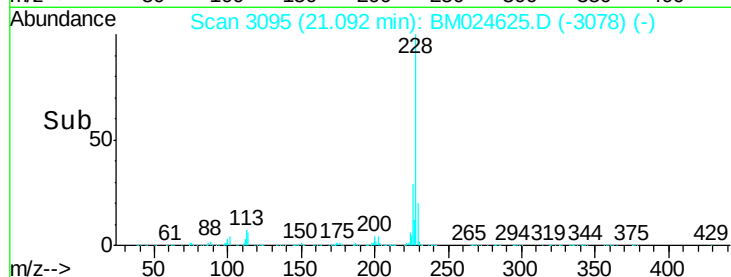
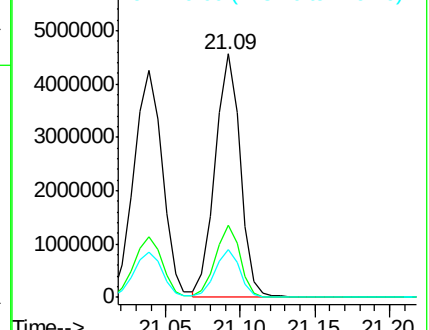


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.770 ng

RT: 21.01 min Scan# 3081

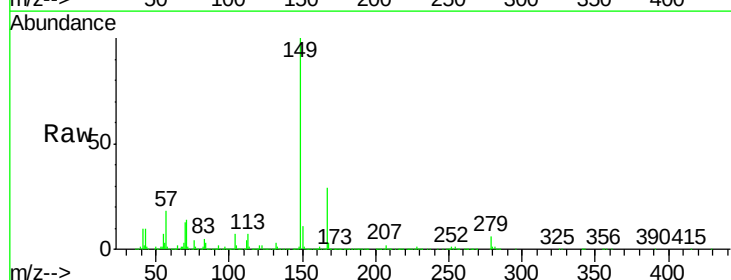
Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion:149 Resp: 3130019

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.5	33.7
279	5.6	4.0	6.0

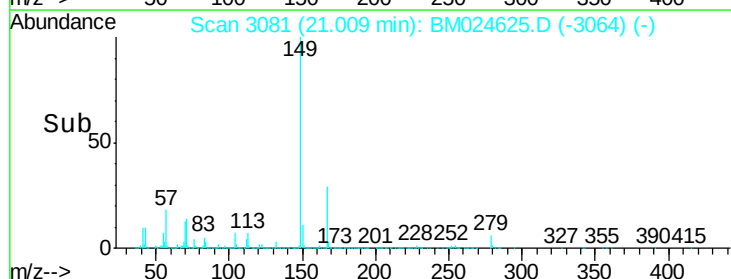
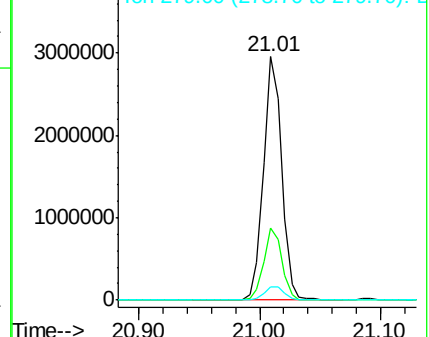


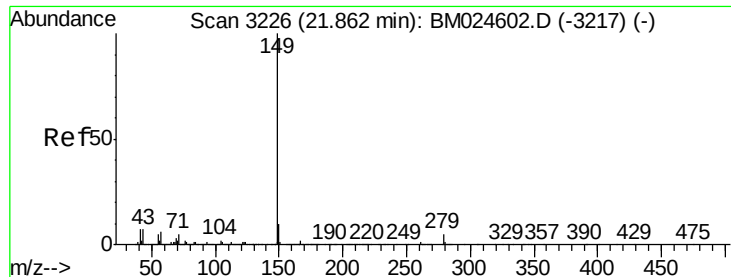
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.503 ng

RT: 21.86 min Scan# 3226

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampled :

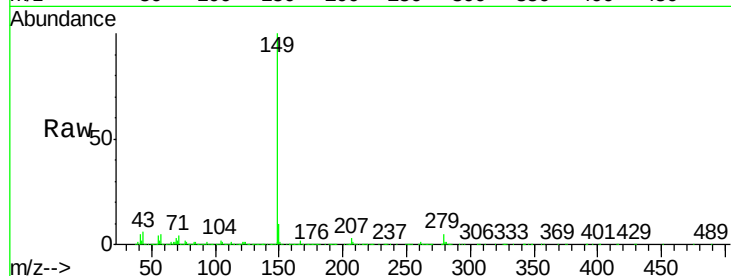
Tot Ion:149 Resp: 5014300

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

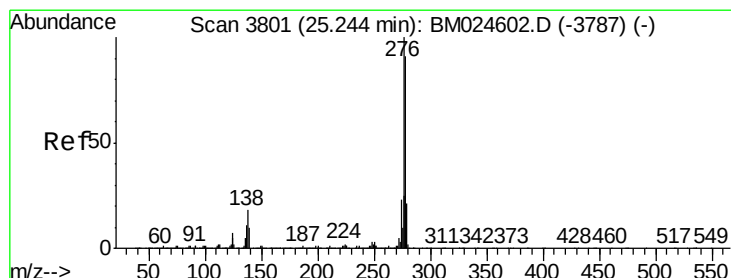
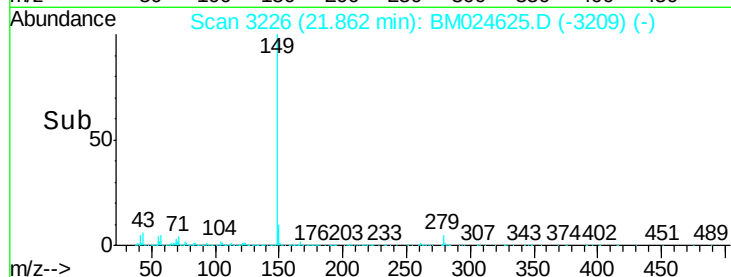
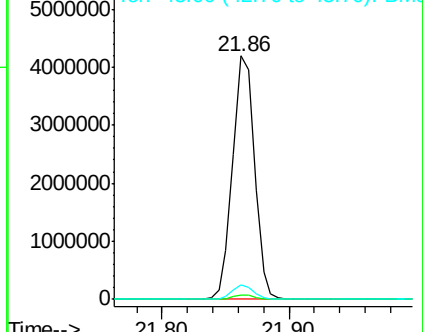
43 5.7 5.8 8.6#



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: 38.825 ng

RT: 25.24 min Scan# 3801

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

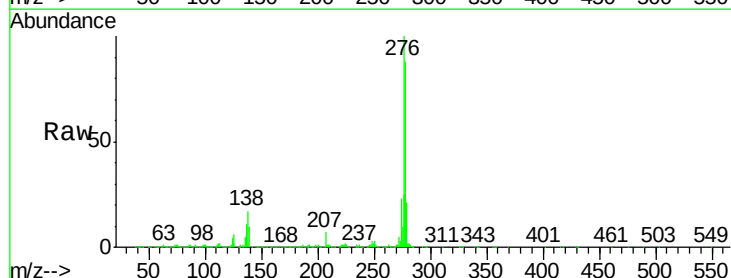
Tgt Ion:276 Resp: 5145166

Ion Ratio Lower Upper

276 100

138 16.3 13.4 20.0

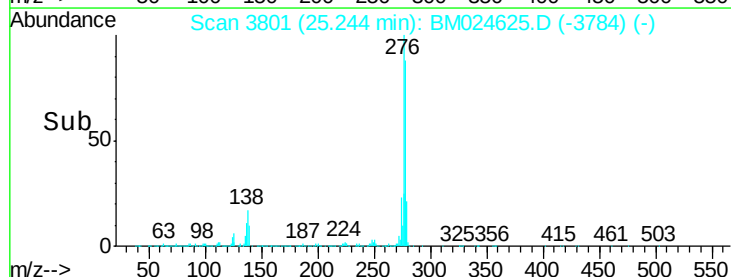
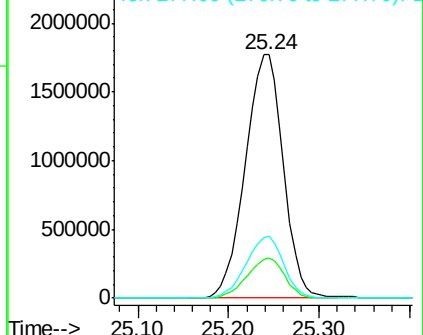
277 25.2 19.6 29.4

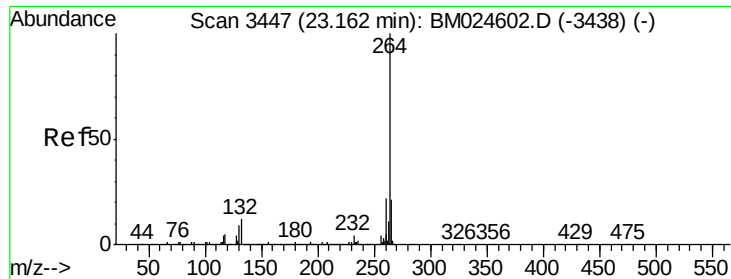


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



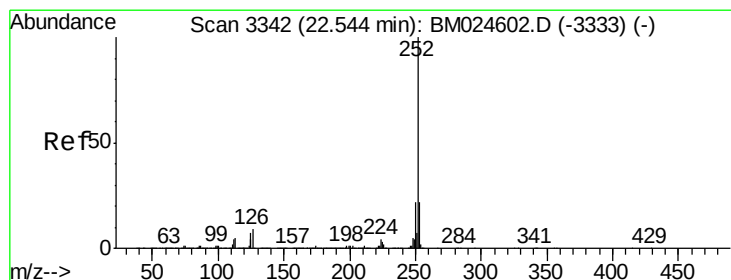
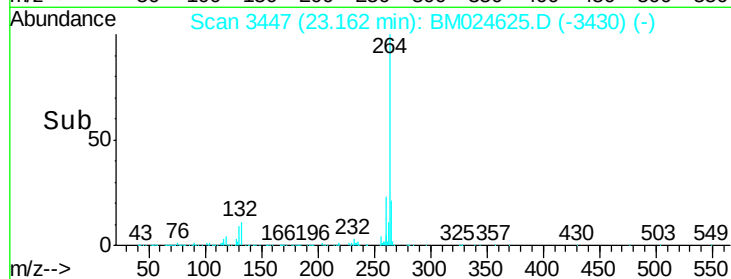
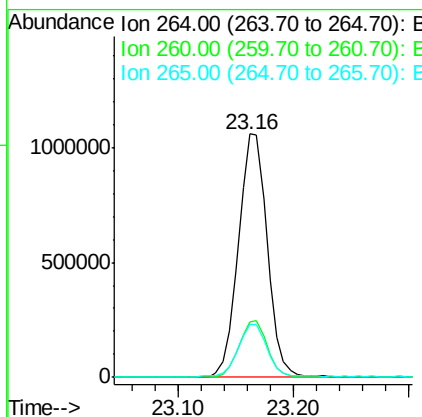
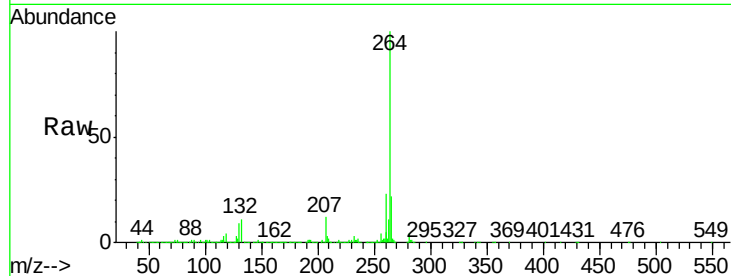


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3447
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1839507

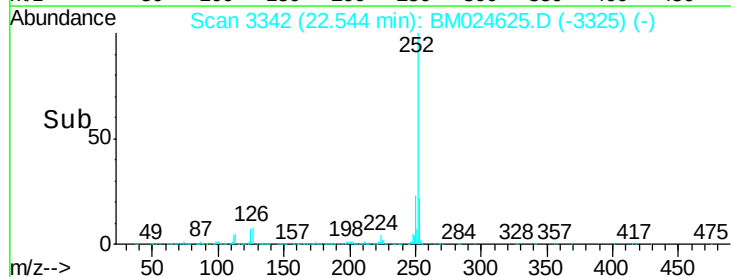
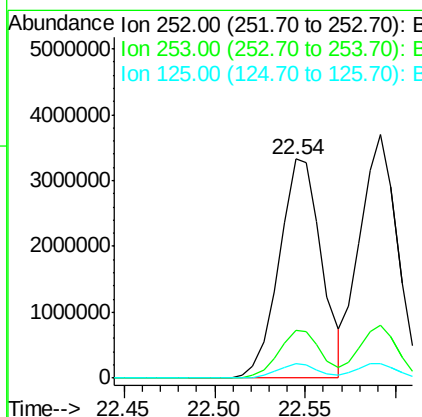
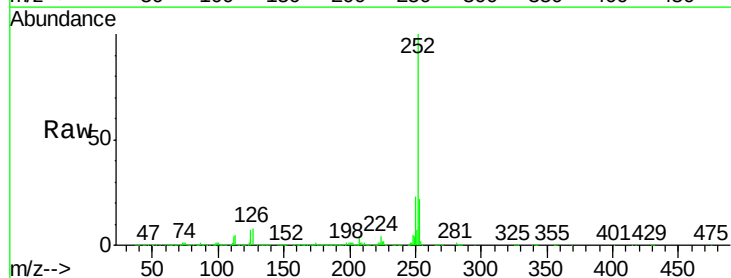
Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	21.9	17.3	25.9

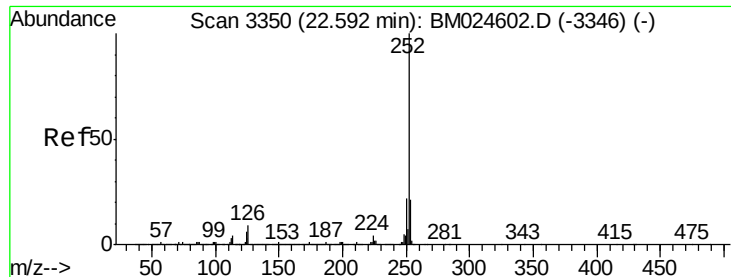


#88
Benzo(b)fluoranthene
Concen: 45.602 ng
RT: 22.54 min Scan# 3342
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:252 Resp: 5440610

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.6	5.7	8.5





#89

Benzo(k)fluoranthene

Concen: 45.601 ng

RT: 22.59 min Scan# 3350

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

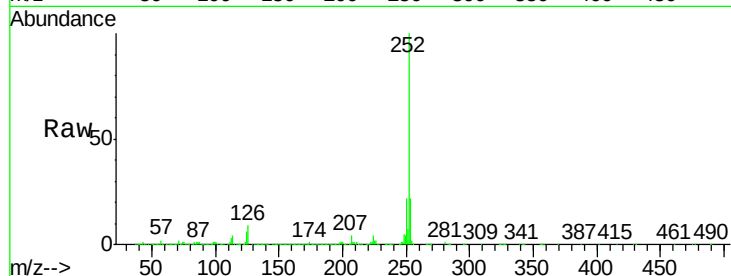
Tot Ion:252 Resp: 5310438

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

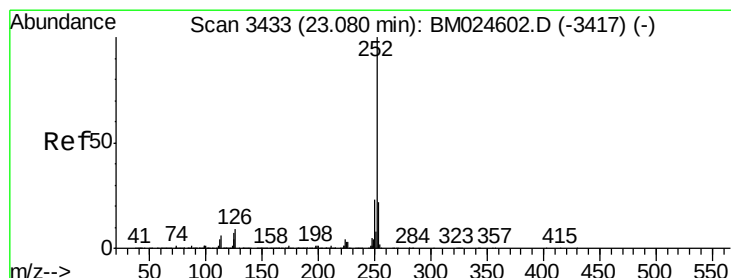
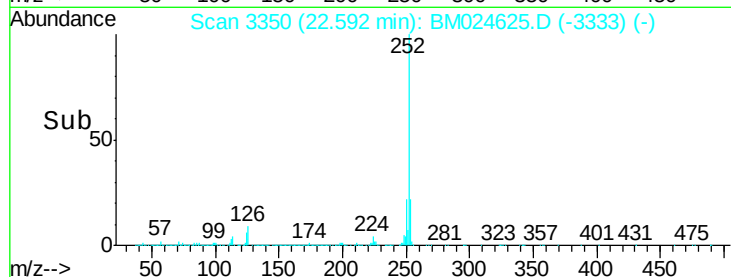
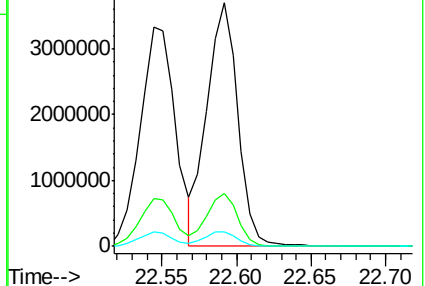
125 6.0 5.2 7.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.981 ng

RT: 23.08 min Scan# 3433

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

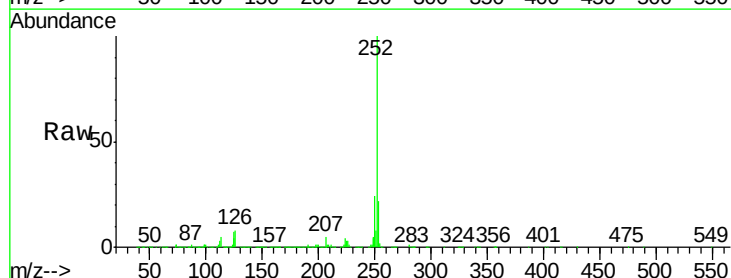
Tgt Ion:252 Resp: 4879055

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

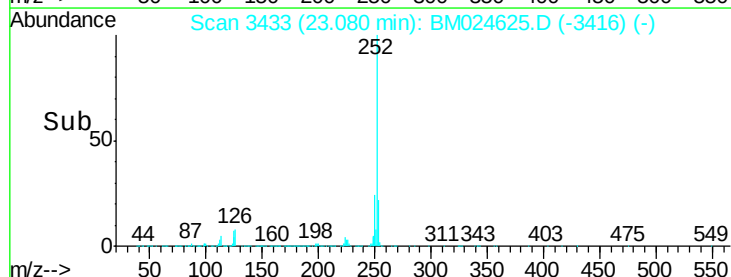
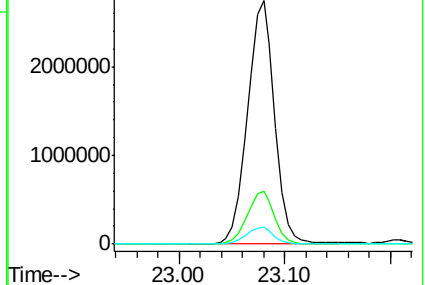
125 7.1 5.8 8.8

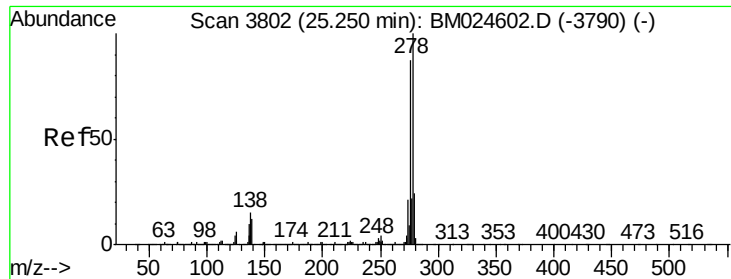


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

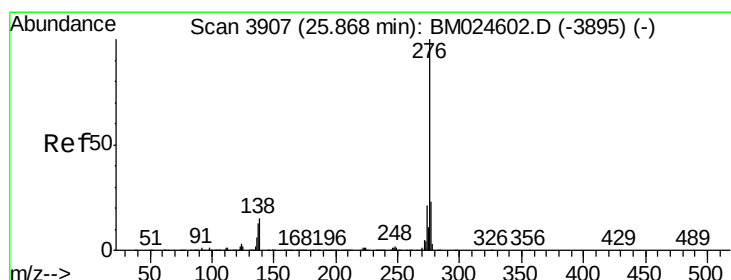
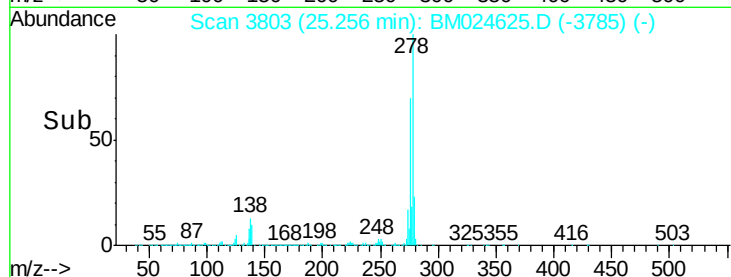
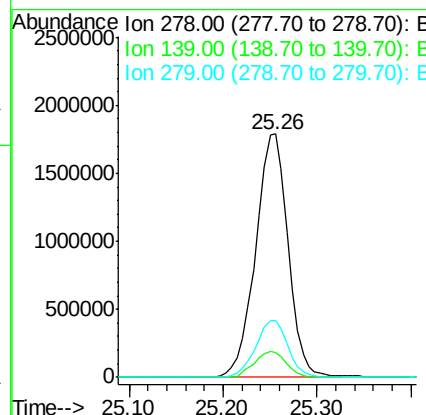
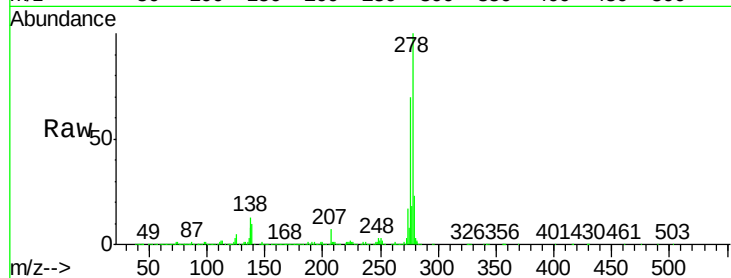




#91
 Dibenzo(a,h)anthracene
 Concen: 41.597 ng
 RT: 25.26 min Scan# 3803
 Delta R.T. 0.01 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:278 Resp: 4282580
 Ion Ratio Lower Upper
 278 100
 139 10.2 9.3 13.9
 279 23.4 18.9 28.3



#92
 Benzo(g,h,i)perylene
 Concen: 42.914 ng
 RT: 25.87 min Scan# 3907
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion:276 Resp: 4011700
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.6 28.0
 138 13.6 11.9 17.9

