

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050224\
 Data File : BM045666.D
 Acq On : 02 May 2024 11:26
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 15:22:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 06:17:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	18540	20.000	ng	0.00
21) Naphthalene-d8	10.280	136	68099	20.000	ng	# 0.00
39) Acenaphthene-d10	14.168	164	36897	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	69332	20.000	ng	0.00
76) Chrysene-d12	21.162	240	77286	20.000	ng	0.00
86) Perylene-d12	23.344	264	114305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.145	112	99603	79.622	ng	0.00
7) Phenol-d6	6.710	99	117203	79.763	ng	0.00
23) Nitrobenzene-d5	8.681	82	121293	82.766	ng	0.00
42) 2,4,6-Tribromophenol	15.680	330	32295	76.264	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	201663	74.526	ng	0.00
79) Terphenyl-d14	19.598	244	287068	77.758	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.169	88	18542	36.800	ng	98
3) Pyridine	3.551	79	52377	44.515	ng	95
4) n-Nitrosodimethylamine	3.481	42	32470	42.372	ng	# 96
6) Aniline	6.869	93	54959	40.591	ng	92
8) 2-Chlorophenol	7.087	128	49165	40.562	ng	97
9) Benzaldehyde	6.692	77	36389	40.196	ng	98
10) Phenol	6.734	94	58300	39.131	ng	98
11) bis(2-Chloroethyl)ether	6.969	93	46011	40.951	ng	97
12) 1,3-Dichlorobenzene	7.398	146	56748	40.097	ng	94
13) 1,4-Dichlorobenzene	7.551	146	54650	38.320	ng	97
14) 1,2-Dichlorobenzene	7.857	146	52682	38.532	ng	97
15) Benzyl Alcohol	7.775	79	38833	40.500	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.039	45	49551	39.818	ng	97
17) 2-Methylphenol	7.963	107	37322	38.661	ng	97
18) Hexachloroethane	8.557	117	25511	40.630	ng	97
19) n-Nitroso-di-n-propyla...	8.328	70	33793	40.332	ng	95
20) 3+4-Methylphenols	8.292	107	50882	40.165	ng	96
22) Acetophenone	8.345	105	69551	40.883	ng	98
24) Nitrobenzene	8.722	77	62419	41.745	ng	98
25) Isophorone	9.239	82	88728	40.216	ng	98
26) 2-Nitrophenol	9.422	139	23262	38.960	ng	# 91
27) 2,4-Dimethylphenol	9.480	122	27811	40.983	ng	# 91
28) bis(2-Chloroethoxy)met...	9.728	93	53101	41.808	ng	98
29) 2,4-Dichlorophenol	9.951	162	38103	41.534	ng	96
30) 1,2,4-Trichlorobenzene	10.145	180	42183	39.134	ng	96
31) Naphthalene	10.333	128	137478	39.301	ng	98
32) Benzoic acid	9.639	122	28057	36.216	ng	88
33) 4-Chloroaniline	10.475	127	47076	39.541	ng	98
34) Hexachlorobutadiene	10.586	225	25091	41.592	ng	85
35) Caprolactam	11.280	113	10878	37.149	ng	# 79
36) 4-Chloro-3-methylphenol	11.598	107	37242	39.327	ng	95
37) 2-Methylnaphthalene	11.957	142	86564	39.980	ng	97
38) 1-Methylnaphthalene	11.957	142	86564	39.253	ng	95
40) 1,2,4,5-Tetrachloroben...	12.327	216	37413	39.587	ng	99
41) Hexachlorocyclopentadiene	12.286	237	11784	38.440	ng	99
43) 2,4,6-Trichlorophenol	12.592	196	25413	40.201	ng	95

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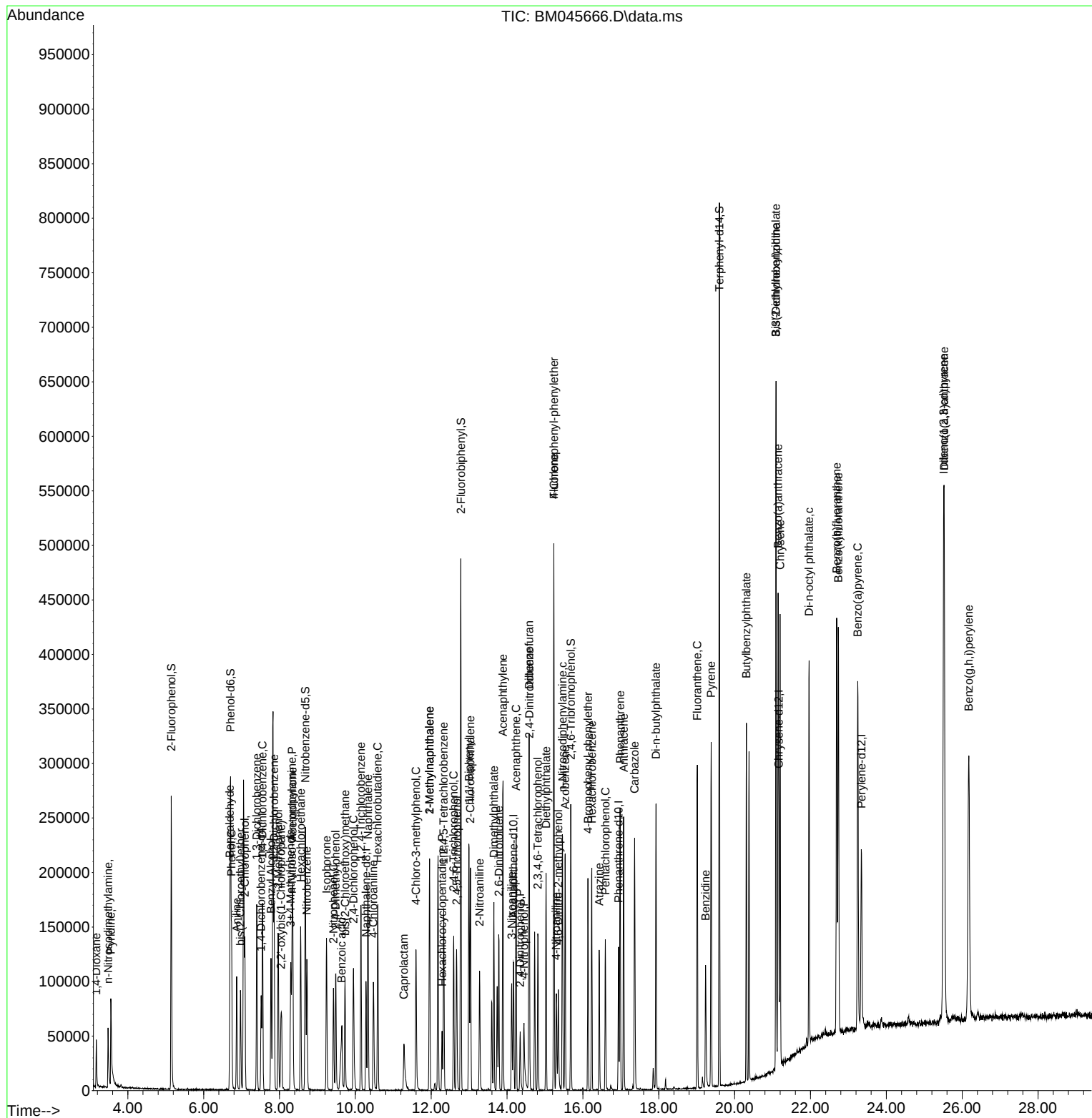
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	28294	39.405	ng	94
46) 1,1'-Biphenyl	12.998	154	103802	38.004	ng	98
47) 2-Chloronaphthalene	13.033	162	83963	38.608	ng	99
48) 2-Nitroaniline	13.274	65	28415	42.294	ng	94
49) Acenaphthylene	13.892	152	123144	38.401	ng	99
50) Dimethylphthalate	13.651	163	97122	39.114	ng	96
51) 2,6-Dinitrotoluene	13.786	165	21603	39.822	ng	92
52) Acenaphthene	14.239	154	74149	37.153	ng	96
53) 3-Nitroaniline	14.121	138	22970	37.274	ng #	94
54) 2,4-Dinitrophenol	14.345	184	9740	36.127	ng	94
55) Dibenzofuran	14.580	168	114619	36.948	ng	97
56) 4-Nitrophenol	14.445	139	16845	39.002	ng	88
57) 2,4-Dinitrotoluene	14.586	165	28340	38.540	ng #	81
58) Fluorene	15.233	166	93791	36.453	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.810	232	21415	39.352	ng #	98
60) Diethylphthalate	15.027	149	98861	36.550	ng	98
61) 4-Chlorophenyl-phenyle...	15.233	204	40983	36.470	ng	98
62) 4-Nitroaniline	15.292	138	21827	36.048	ng	86
63) Azobenzene	15.533	77	124985	40.078	ng	98
65) 4,6-Dinitro-2-methylph...	15.351	198	14604	43.172	ng	97
66) n-Nitrosodiphenylamine	15.462	169	75515	40.142	ng	98
67) 4-Bromophenyl-phenylether	16.133	248	24015	38.263	ng	97
68) Hexachlorobenzene	16.233	284	31727	40.246	ng	92
69) Atrazine	16.427	200	20813	37.429	ng	96
70) Pentachlorophenol	16.592	266	18730	39.774	ng	94
71) Phenanthrene	16.980	178	135686	39.167	ng	99
72) Anthracene	17.074	178	135917	39.530	ng	98
73) Carbazole	17.362	167	141759	40.364	ng	98
74) Di-n-butylphthalate	17.927	149	167964	39.944	ng	99
75) Fluoranthene	19.015	202	165213	38.890	ng	99
77) Benzidine	19.233	184	66211	51.013	ng	94
78) Pyrene	19.380	202	180632	39.572	ng	100
80) Butylbenzylphthalate	20.309	149	83052	39.533	ng	100
81) Benzo(a)anthracene	21.144	228	179626	37.651	ng	98
82) 3,3'-Dichlorobenzidine	21.092	252	69649	38.549	ng	98
83) Chrysene	21.197	228	177943	38.174	ng	97
84) Bis(2-ethylhexyl)phtha...	21.092	149	124454	38.750	ng	100
85) Di-n-octyl phthalate	21.962	149	220621	39.081	ng	98
87) Indeno(1,2,3-cd)pyrene	25.509	276	340168	39.012	ng	99
88) Benzo(b)fluoranthene	22.691	252	242017	38.995	ng	99
89) Benzo(k)fluoranthene	22.733	252	217458	36.604	ng	97
90) Benzo(a)pyrene	23.244	252	221549	39.448	ng	99
91) Dibenzo(a,h)anthracene	25.527	278	280663	38.851	ng	99
92) Benzo(g,h,i)perylene	26.174	276	294199	40.065	ng	100

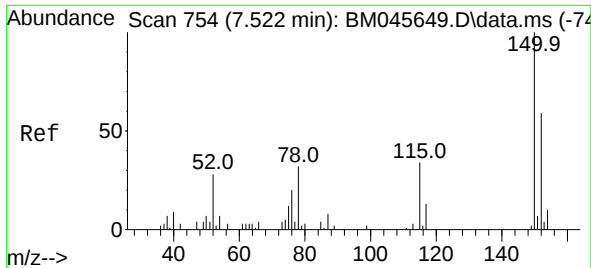
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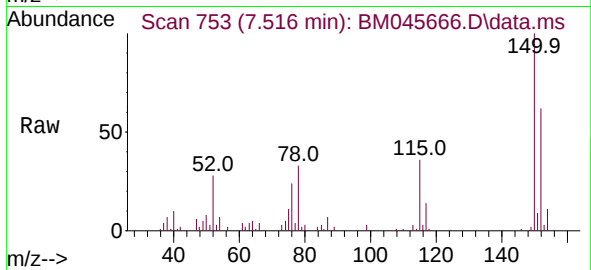
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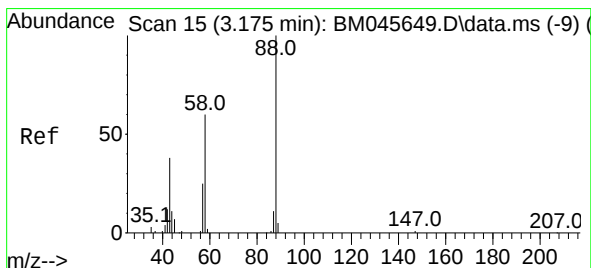
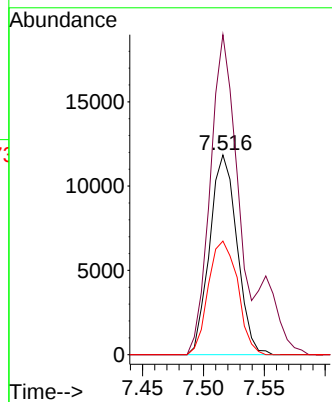
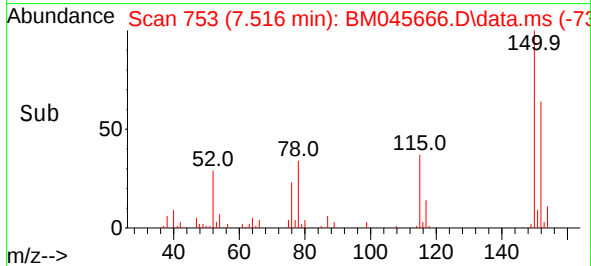


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.516 min Scan# 74
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

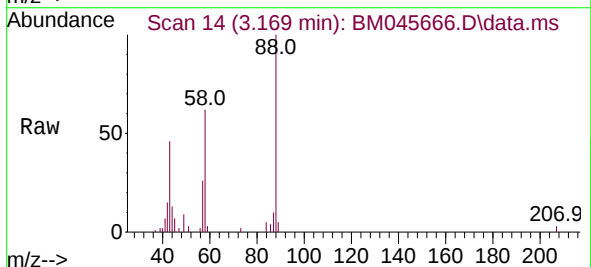
Instrument :
BNA_M
ClientSampleId :



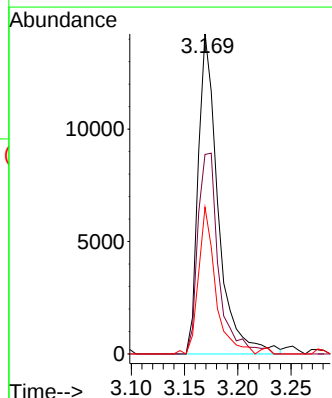
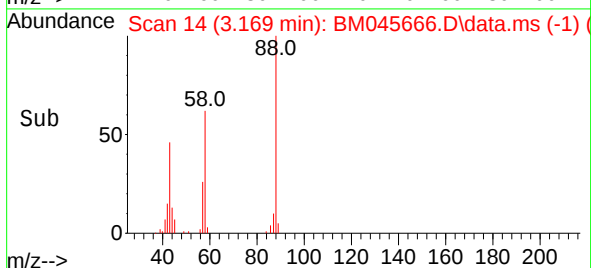
Tgt Ion:152 Resp: 18540
Ion Ratio Lower Upper
152 100
150 160.2 136.3 204.5
115 56.9 46.1 69.1

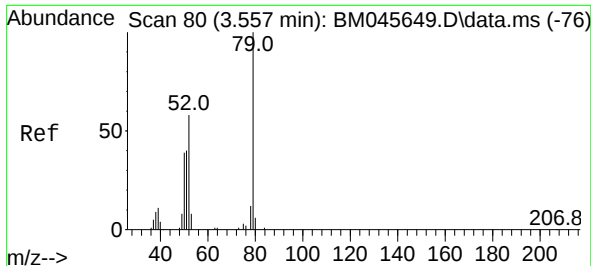


#2
1,4-Dioxane
Concen: 36.800 ng
RT: 3.169 min Scan# 14
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26



Tgt Ion: 88 Resp: 18542
Ion Ratio Lower Upper
88 100
58 65.7 51.3 76.9
43 39.3 31.8 47.6

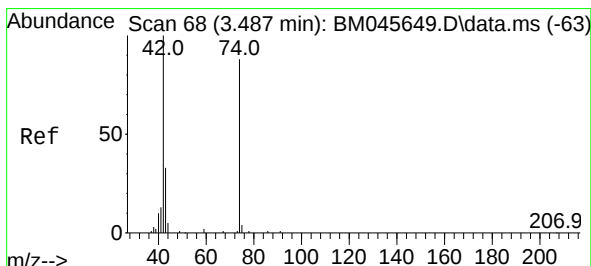
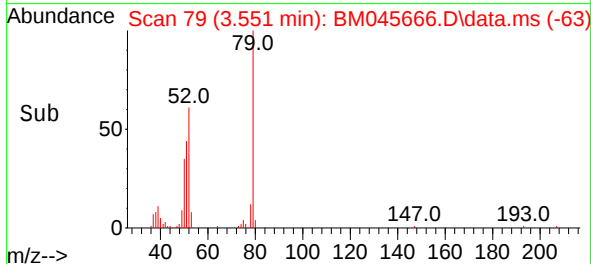
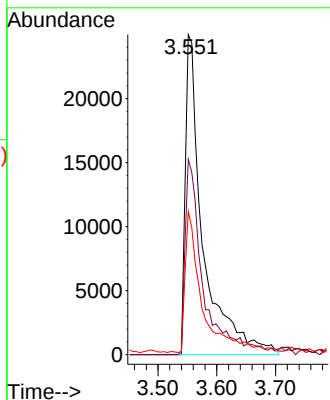
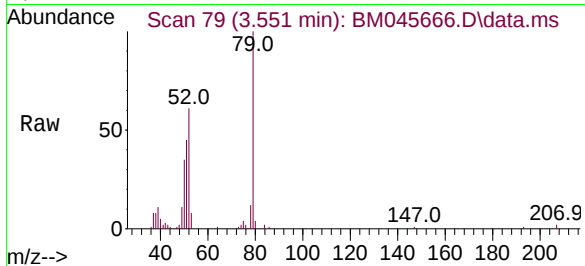




#3
Pyridine
Concen: 44.515 ng
RT: 3.551 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

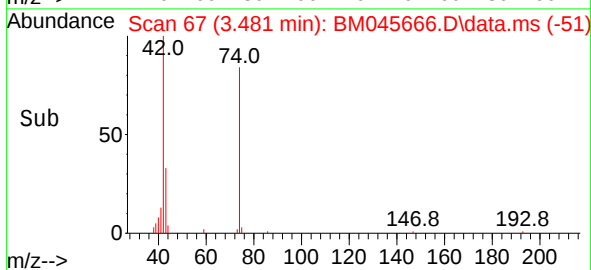
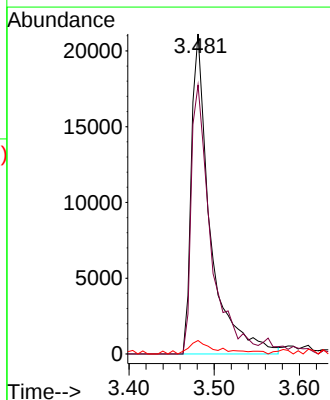
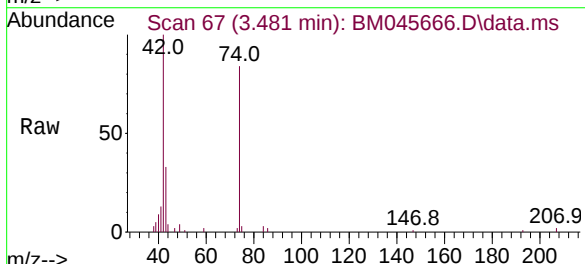
Instrument :
BNA_M
ClientSampleId :

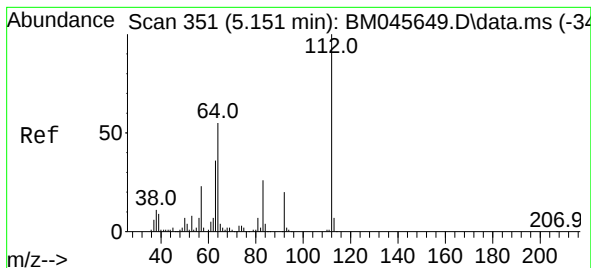
Tgt Ion: 79 Resp: 52377
Ion Ratio Lower Upper
79 100
52 61.1 46.2 69.4
51 44.7 32.7 49.1



#4
n-Nitrosodimethylamine
Concen: 42.372 ng
RT: 3.481 min Scan# 67
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Tgt Ion: 42 Resp: 32470
Ion Ratio Lower Upper
42 100
74 84.1 70.1 105.1
44 4.2 4.6 7.0#





#5

2-Fluorophenol

Concen: 79.622 ng

RT: 5.145 min Scan# 351

Delta R.T. -0.006 min

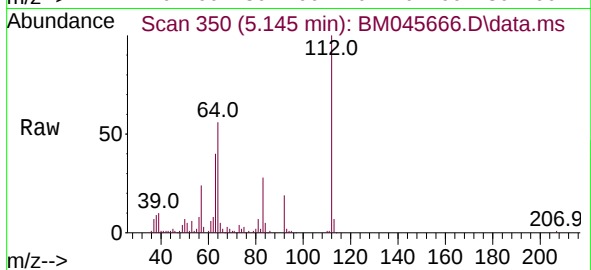
Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :



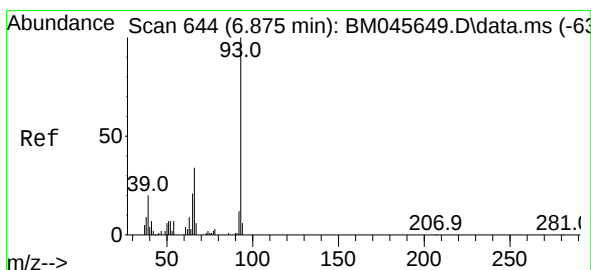
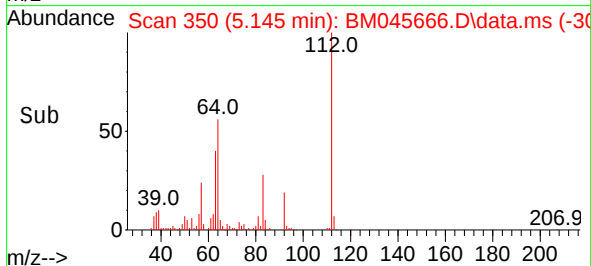
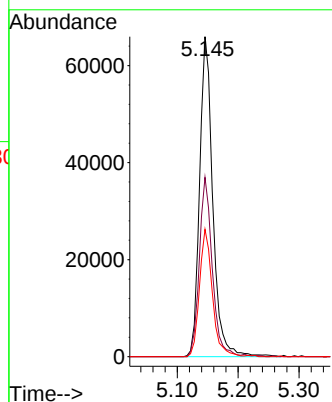
Tgt Ion:112 Resp: 99603

Ion Ratio Lower Upper

112 100

64 56.0 44.1 66.1

63 39.8 29.1 43.7



#6

Aniline

Concen: 40.591 ng

RT: 6.869 min Scan# 643

Delta R.T. -0.006 min

Lab File: BM045666.D

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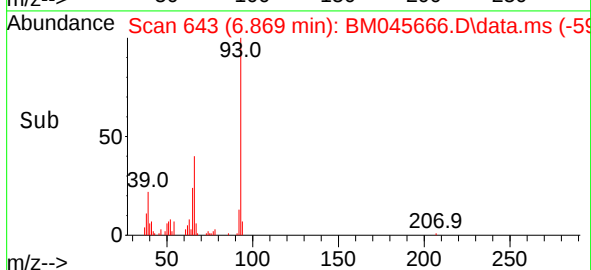
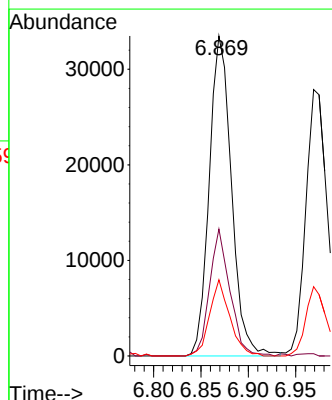
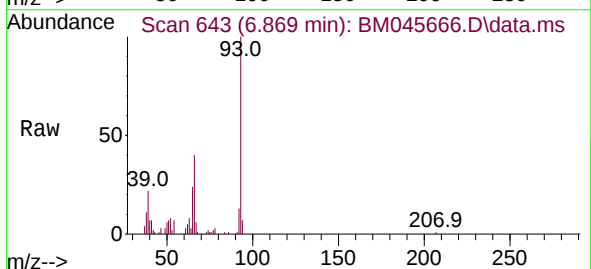
Tgt Ion: 93 Resp: 54959

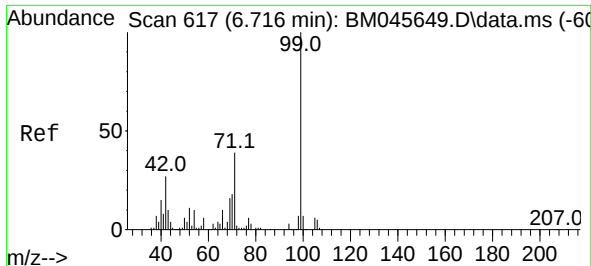
Ion Ratio Lower Upper

93 100

66 39.7 27.5 41.3

65 23.8 16.6 24.8

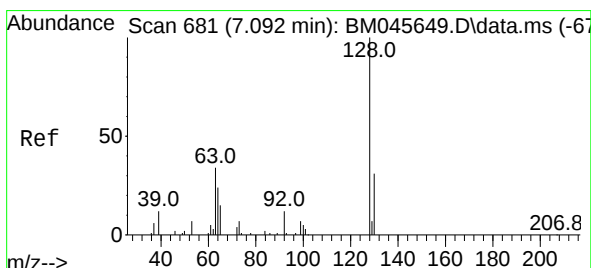
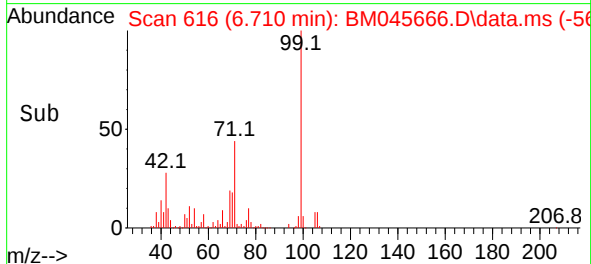
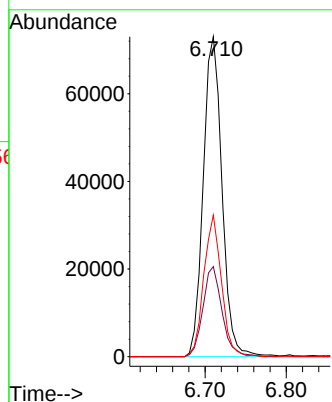
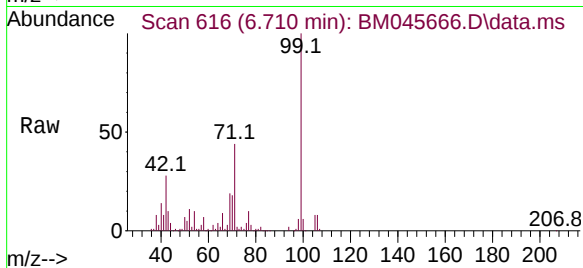




#7
Phenol-d6
Concen: 79.763 ng
RT: 6.710 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM045666.D
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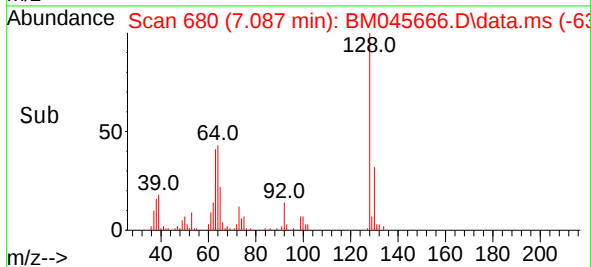
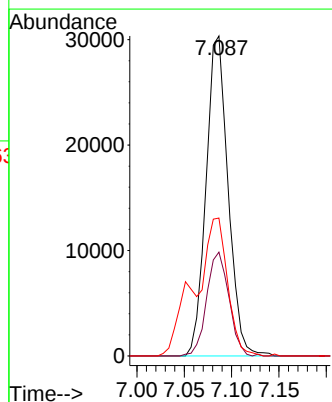
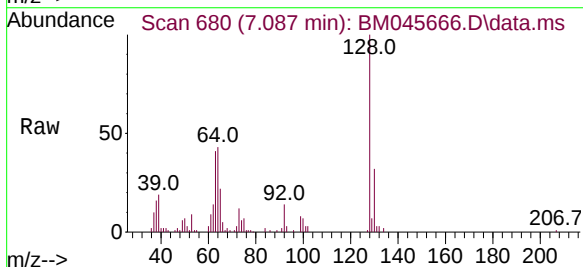
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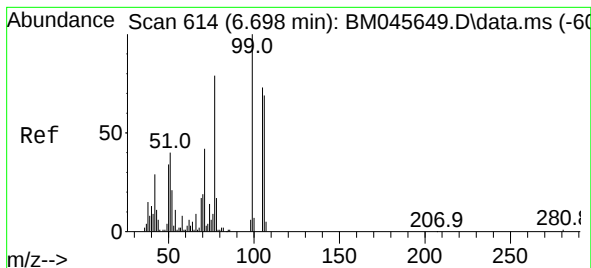
Tgt Ion: 99 Resp: 117203
Ion Ratio Lower Upper
99 100
42 28.1 21.4 32.0
71 44.2 31.4 47.2



#8
2-Chlorophenol
Concen: 40.562 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.006 min
Lab File: BM045666.D
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Tgt Ion:128 Resp: 49165
Ion Ratio Lower Upper
128 100
130 32.5 10.8 50.8
64 43.1 21.3 61.3





#9

Benzaldehyde

Concen: 40.196 ng

RT: 6.692 min Scan# 61

Delta R.T. -0.006 min

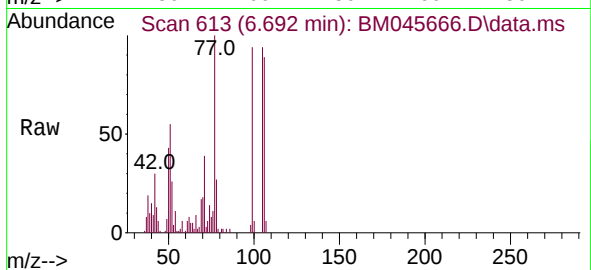
Lab File: BM045666.D

Acq: 02 May 2024 11:26

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BNA_M

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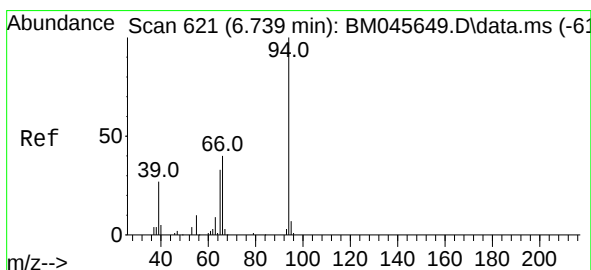
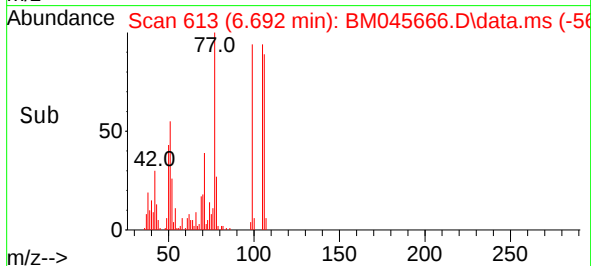
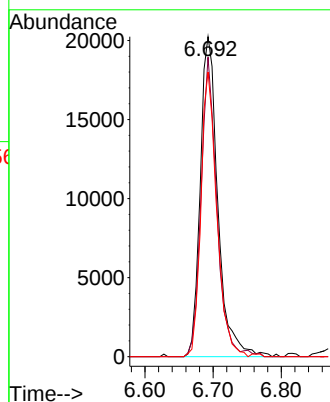
Tgt Ion: 77 Resp: 36389

Ion Ratio Lower Upper

77 100

105 93.6 72.0 112.0

106 89.0 66.7 106.7



#10

Phenol

Concen: 39.131 ng

RT: 6.734 min Scan# 620

Delta R.T. -0.006 min

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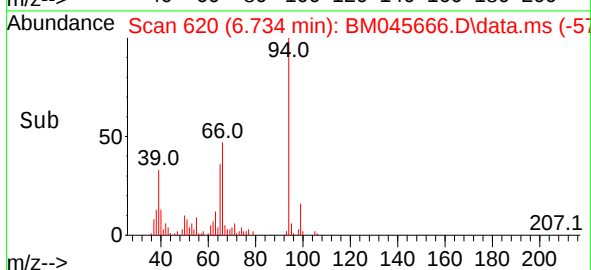
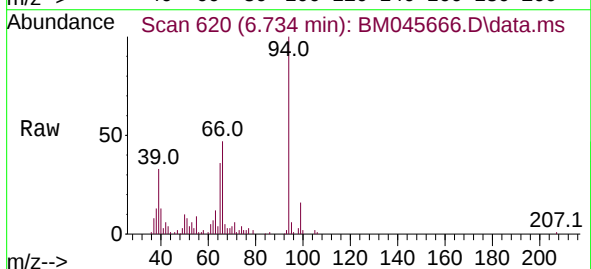
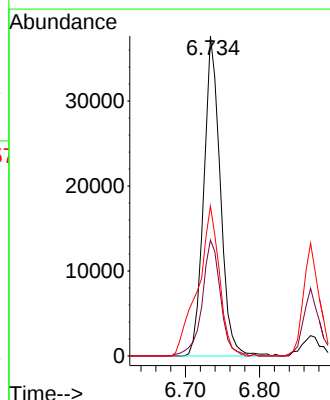
Tgt Ion: 94 Resp: 58300

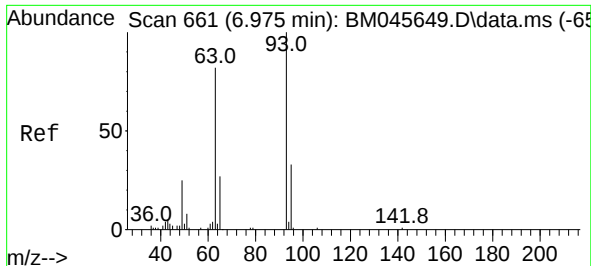
Ion Ratio Lower Upper

94 100

65 36.2 14.2 54.2

66 46.8 26.4 66.4





#11

bis(2-Chloroethyl)ether

Concen: 40.951 ng

RT: 6.969 min Scan# 661

Delta R.T. -0.006 min

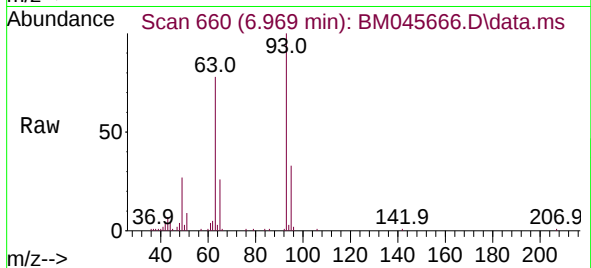
Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :



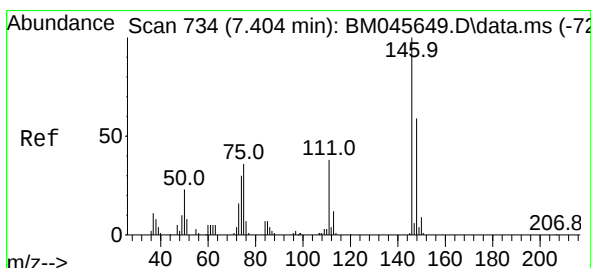
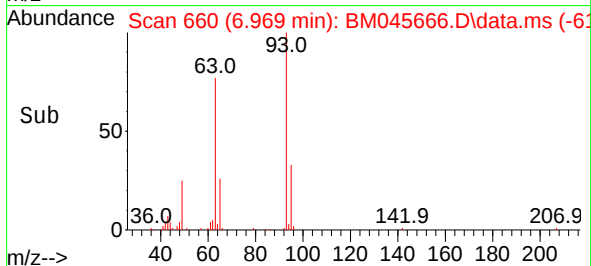
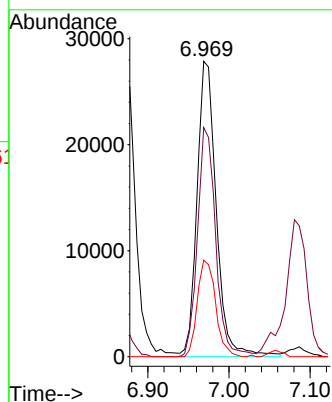
Tgt Ion: 93 Resp: 46011

Ion Ratio Lower Upper

93 100

63 77.6 61.2 101.2

95 32.7 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 40.097 ng

RT: 7.398 min Scan# 733

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

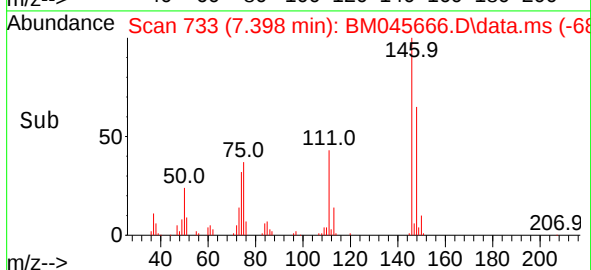
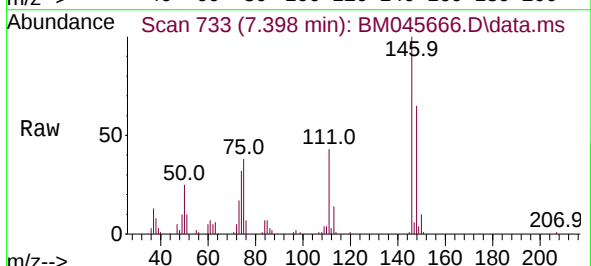
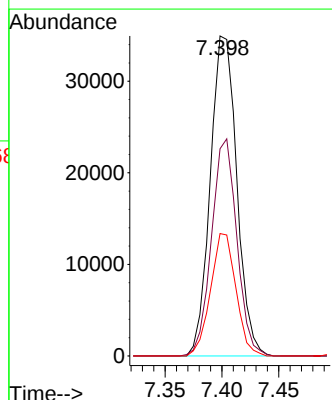
Tgt Ion: 146 Resp: 56748

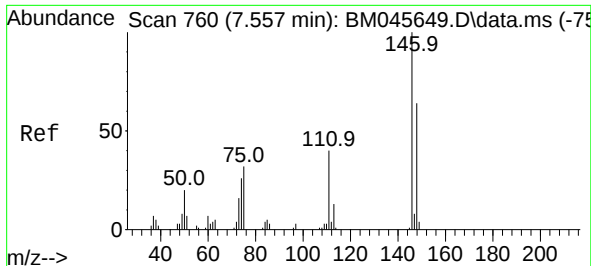
Ion Ratio Lower Upper

146 100

148 64.7 47.2 70.8

75 38.2 28.6 42.8





#13

1,4-Dichlorobenzene

Concen: 38.320 ng

RT: 7.551 min Scan# 7

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

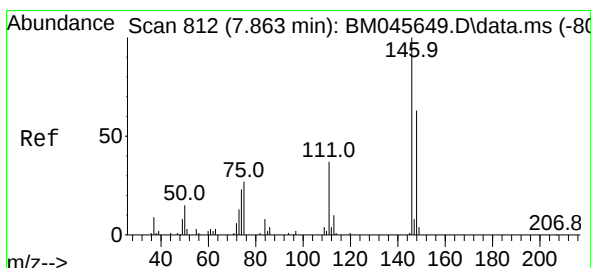
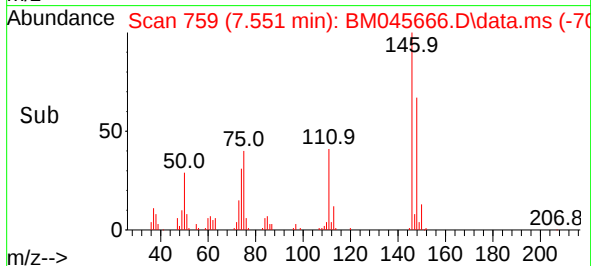
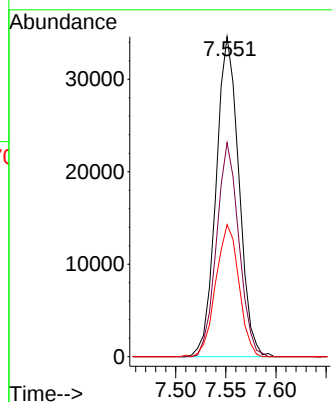
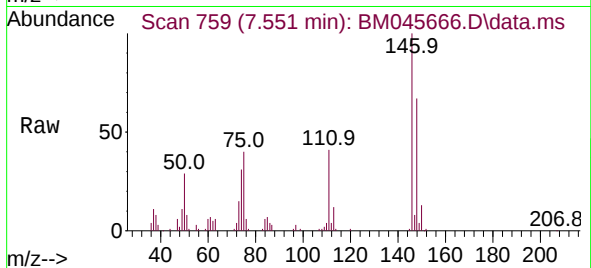
Tgt Ion:146 Resp: 54650

Ion Ratio Lower Upper

146 100

148 66.9 51.0 76.4

111 41.3 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 38.532 ng

RT: 7.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

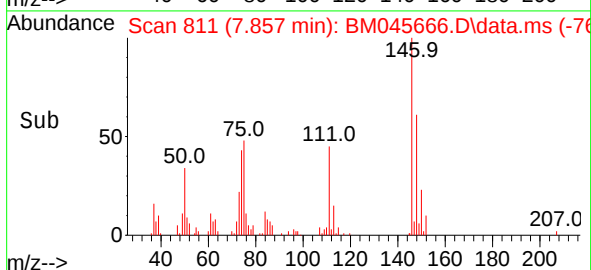
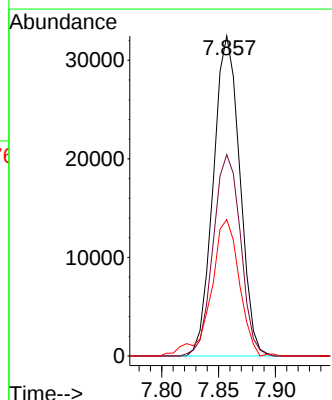
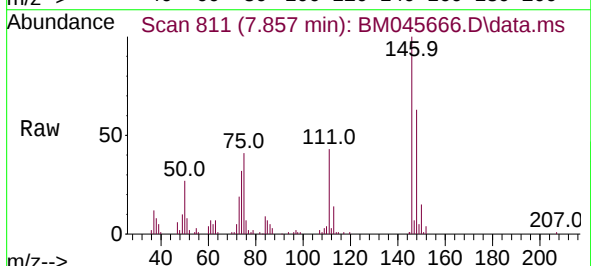
Tgt Ion:146 Resp: 52682

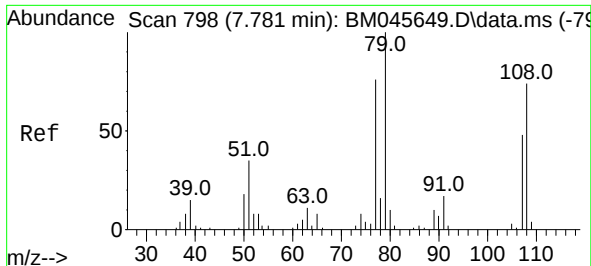
Ion Ratio Lower Upper

146 100

148 62.9 50.5 75.7

111 42.7 30.1 45.1





#15

Benzyl Alcohol

Concen: 40.500 ng

RT: 7.775 min Scan# 79

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

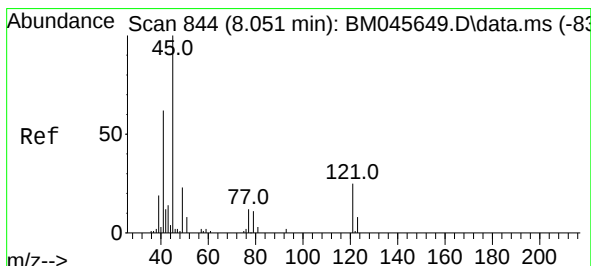
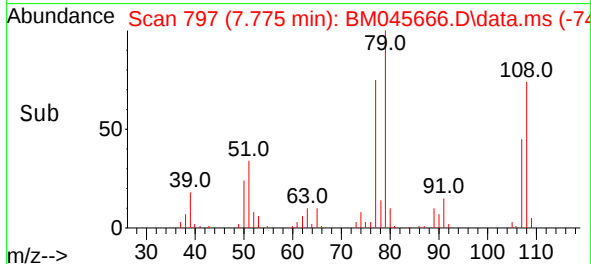
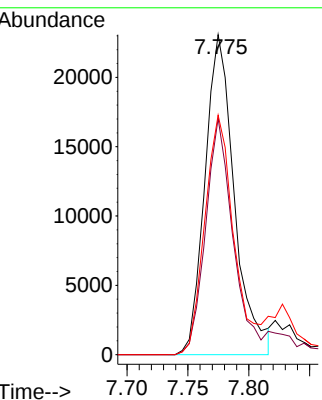
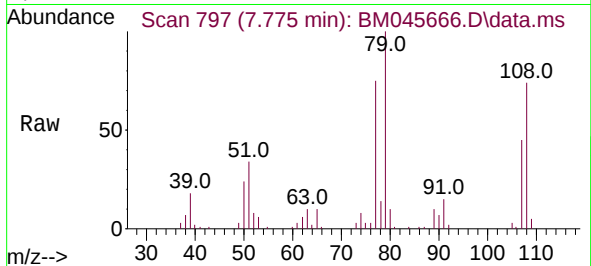
Tgt Ion: 79 Resp: 38833

Ion Ratio Lower Upper

79 100

108 73.8 59.3 88.9

77 74.9 60.5 90.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.818 ng

RT: 8.039 min Scan# 842

Delta R.T. -0.012 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

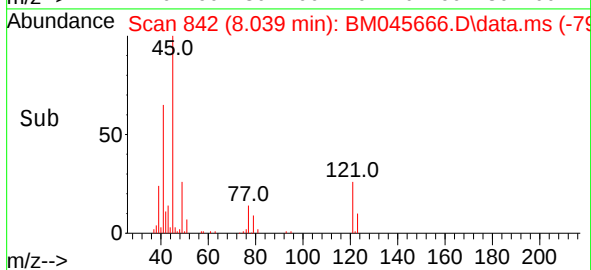
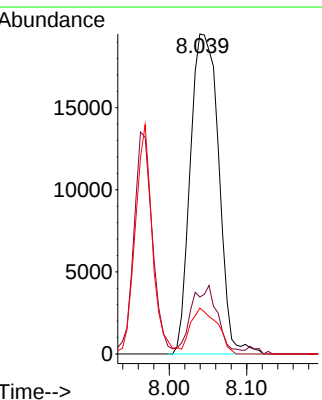
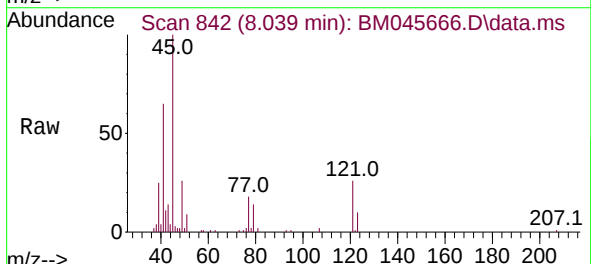
Tgt Ion: 45 Resp: 49551

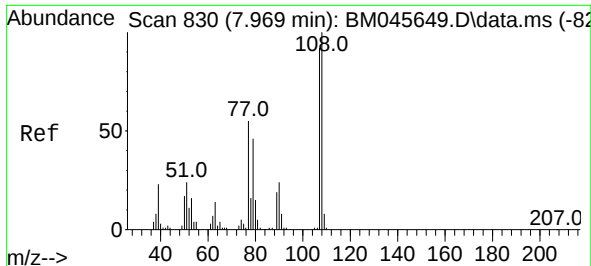
Ion Ratio Lower Upper

45 100

77 17.8 0.0 36.5

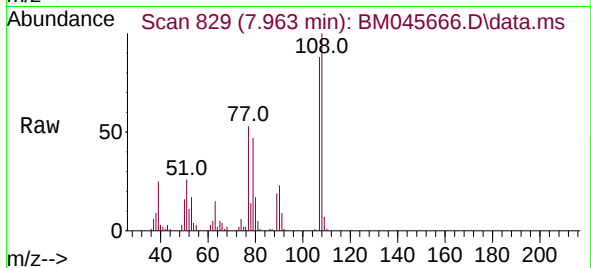
79 14.4 0.0 35.9



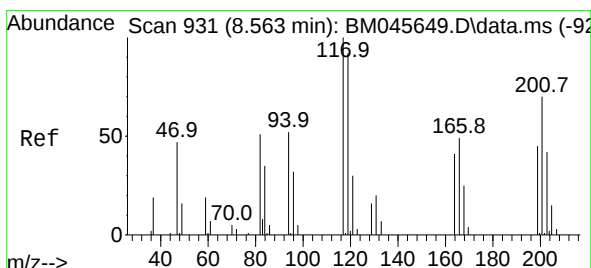
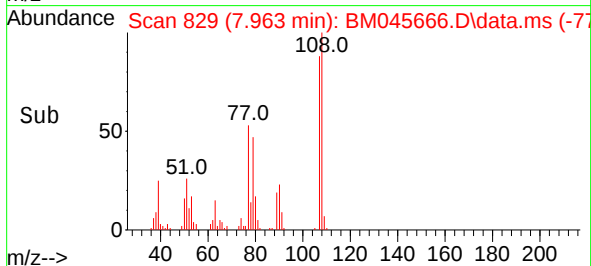
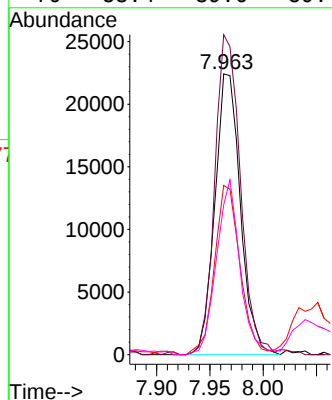


#17
2-Methylphenol
Concen: 38.661 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Instrument :
BNA_M
ClientSampleId :

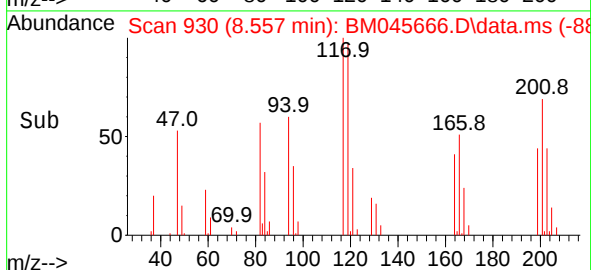
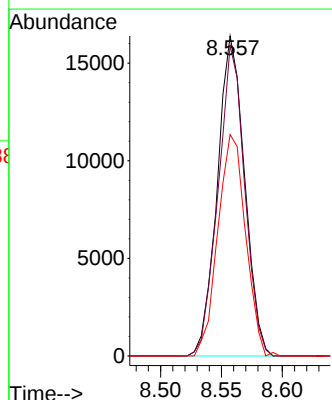
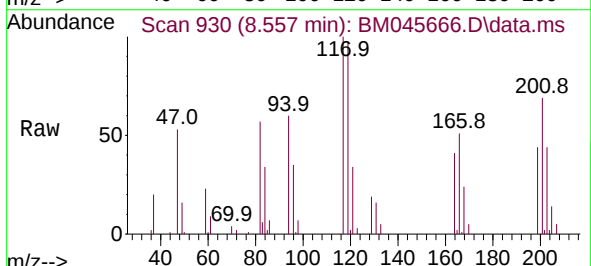


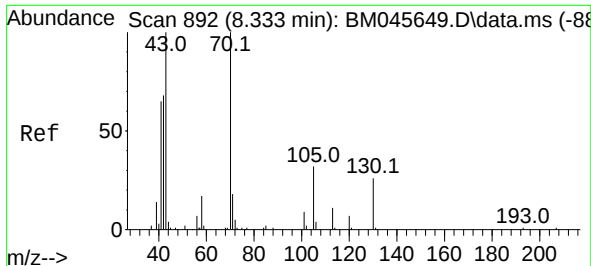
Tgt Ion:	107	Resp:	37322
Ion	Ratio	Lower	Upper
107	100		
108	113.9	88.0	132.0
77	60.3	48.0	72.0
79	53.4	39.6	59.4



#18
Hexachloroethane
Concen: 40.630 ng
RT: 8.557 min Scan# 930
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Tgt Ion:	117	Resp:	25511
Ion	Ratio	Lower	Upper
117	100		
119	97.1	73.6	110.4
201	71.0	56.8	85.2

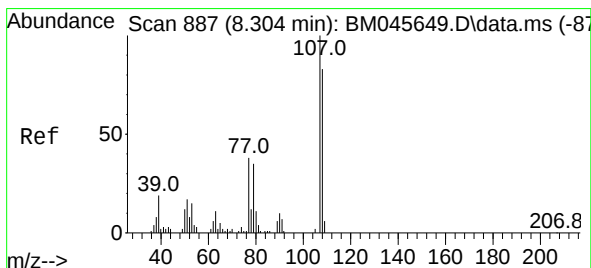
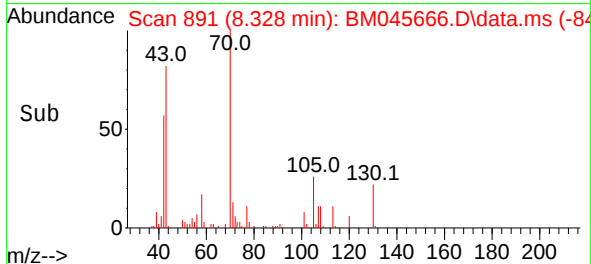
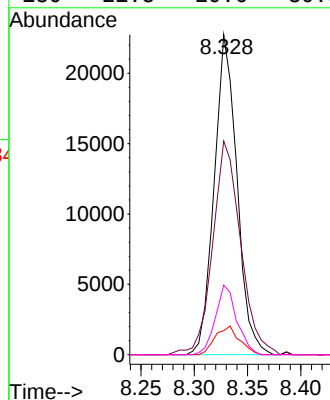
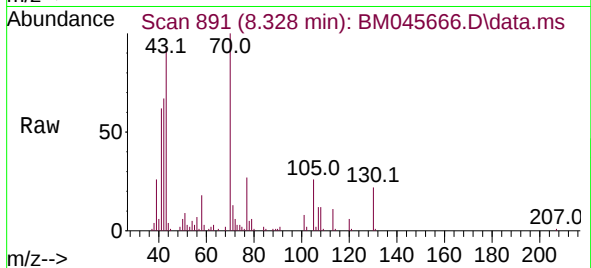




#19
n-Nitroso-di-n-propylamine
Concen: 40.332 ng
RT: 8.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

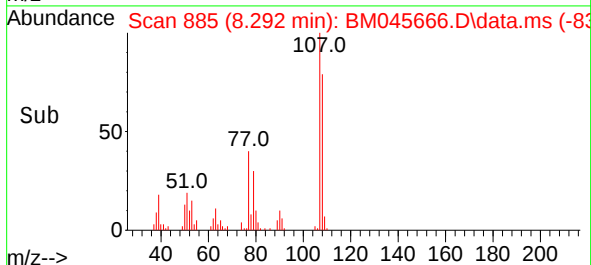
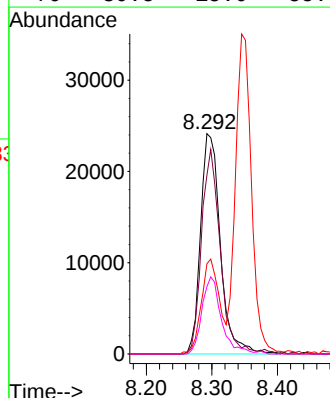
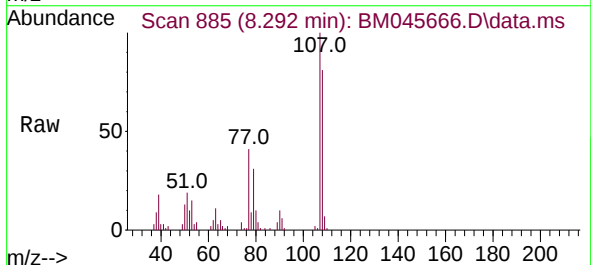
Instrument :
BNA_M
ClientSampleId :

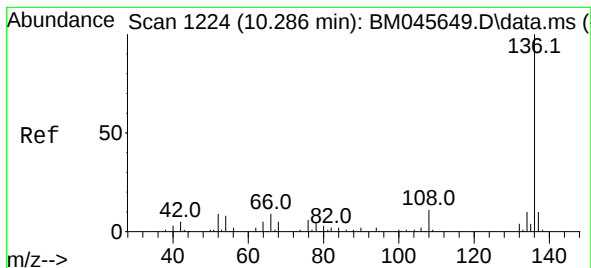
Tgt Ion:	70	Resp:	33793
Ion Ratio	Lower	Upper	
70	100		
42	66.7	56.2	84.4
101	7.5	7.3	10.9
130	21.8	20.6	30.8



#20
3+4-Methylphenols
Concen: 40.165 ng
RT: 8.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Tgt Ion:	107	Resp:	50882
Ion Ratio	Lower	Upper	
107	100		
108	81.1	63.4	103.4
77	41.0	17.6	57.6
79	30.5	15.0	55.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.280 min Scan# 11

Delta R.T. -0.006 min

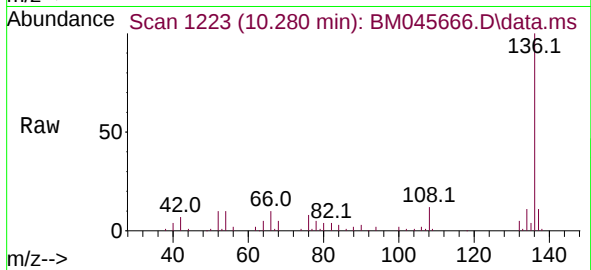
Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:136 Resp: 68099

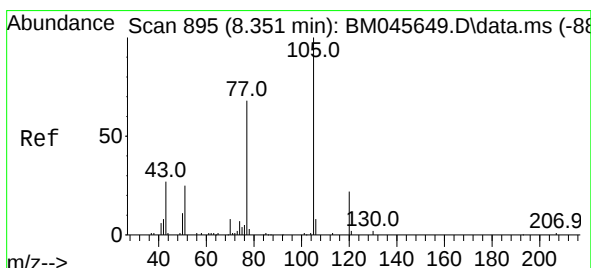
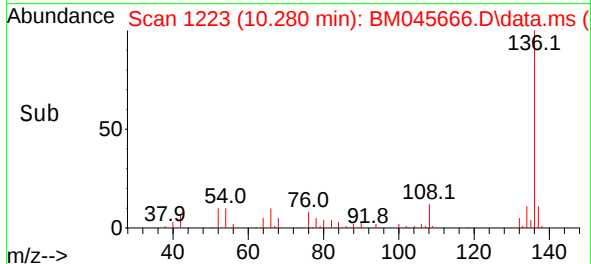
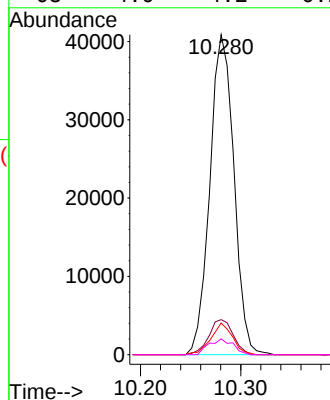
Ion Ratio Lower Upper

136 100

137 11.0 7.8 11.6

54 9.9 6.6 9.8#

68 4.9 4.2 6.2



#22

Acetophenone

Concen: 40.883 ng

RT: 8.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Tgt Ion:105 Resp: 69551

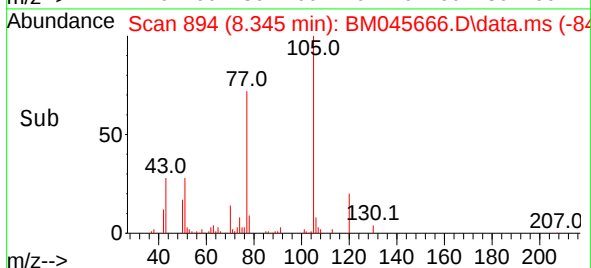
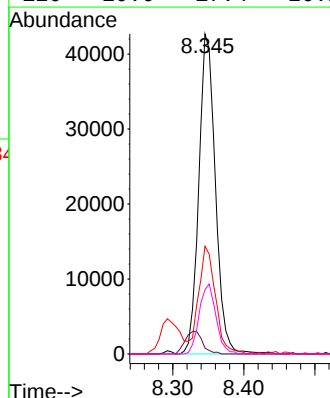
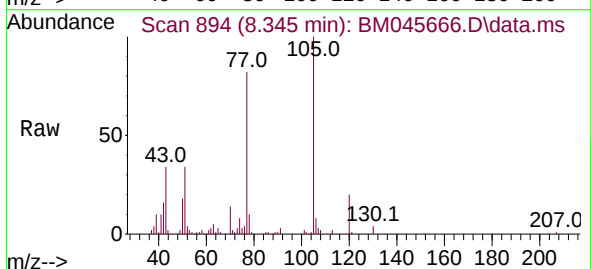
Ion Ratio Lower Upper

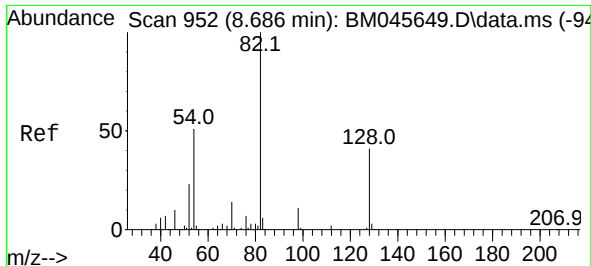
105 100

71 1.8 1.8 2.8

51 33.6 26.3 39.5

120 20.0 17.4 26.2





#23

Nitrobenzene-d5

Concen: 82.766 ng

RT: 8.681 min Scan# 951

Delta R.T. -0.006 min

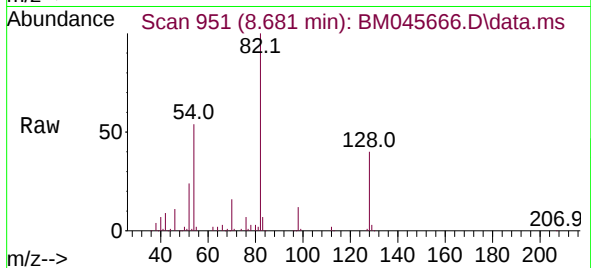
Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :



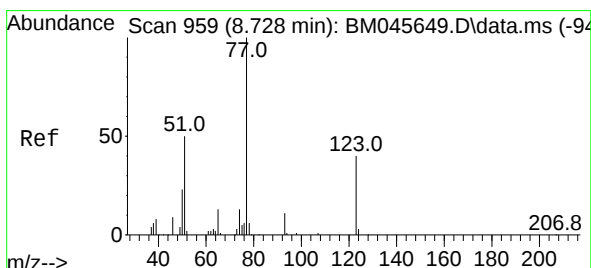
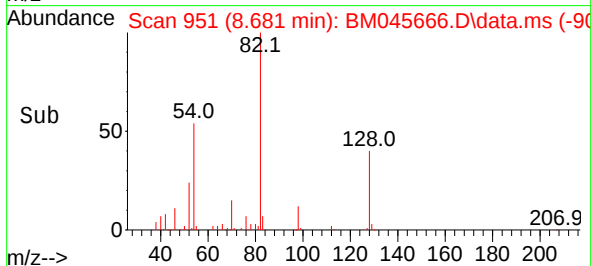
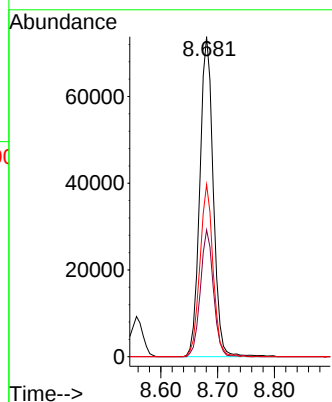
Tgt Ion: 82 Resp: 121293

Ion Ratio Lower Upper

82 100

128 39.6 32.7 49.1

54 53.8 40.5 60.7



#24

Nitrobenzene

Concen: 41.745 ng

RT: 8.722 min Scan# 958

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

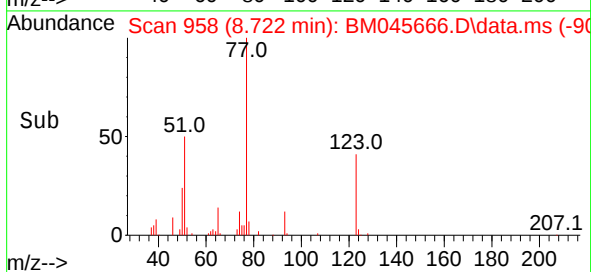
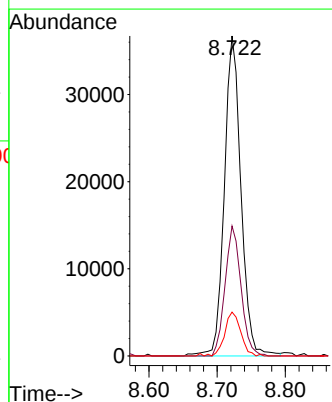
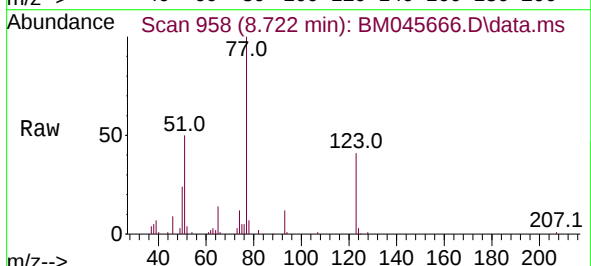
Tgt Ion: 77 Resp: 62419

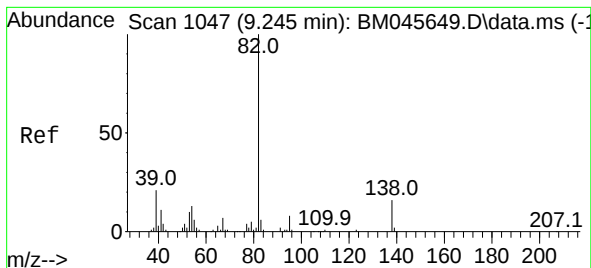
Ion Ratio Lower Upper

77 100

123 40.6 31.7 47.5

65 13.7 10.3 15.5





#25

Isophorone

Concen: 40.216 ng

RT: 9.239 min Scan# 1046

Delta R.T. -0.006 min

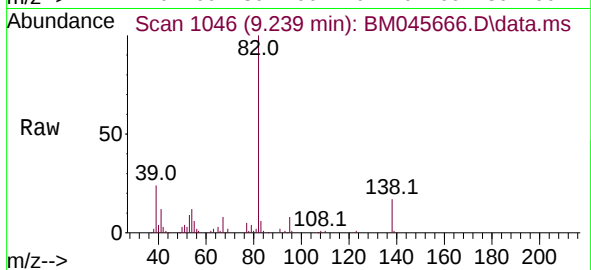
Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :



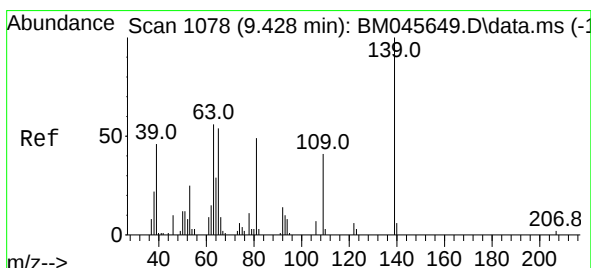
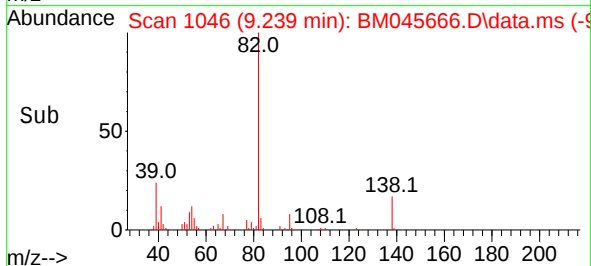
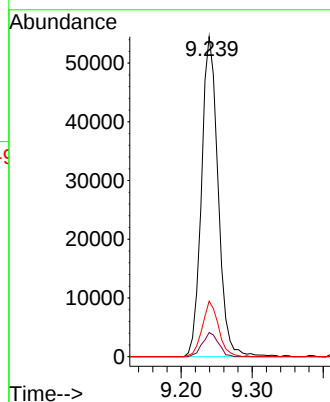
Tgt Ion: 82 Resp: 88728

Ion Ratio Lower Upper

82 100

95 7.5 6.2 9.2

138 17.4 12.8 19.2



#26

2-Nitrophenol

Concen: 38.960 ng

RT: 9.422 min Scan# 1077

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

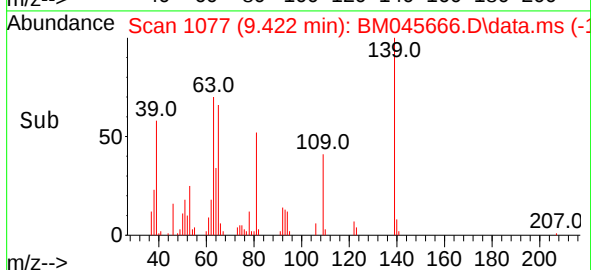
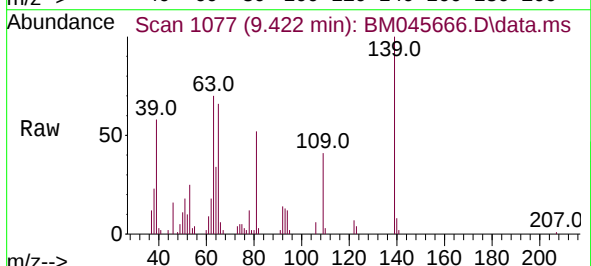
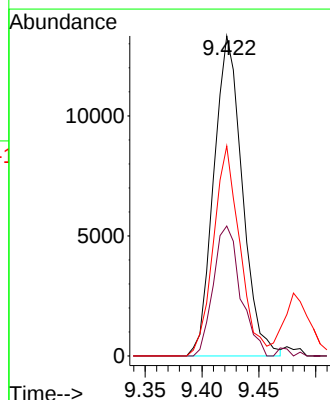
Tgt Ion:139 Resp: 23262

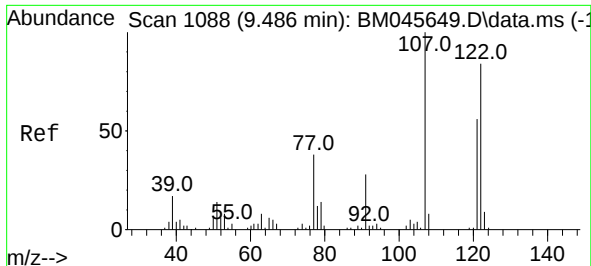
Ion Ratio Lower Upper

139 100

109 40.6 32.7 49.1

65 65.6 43.5 65.3#





#27

2,4-Dimethylphenol

Concen: 40.983 ng

RT: 9.480 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BM045666.D

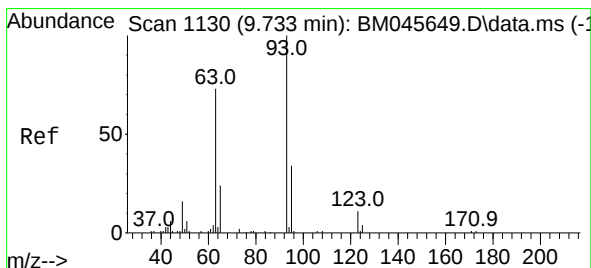
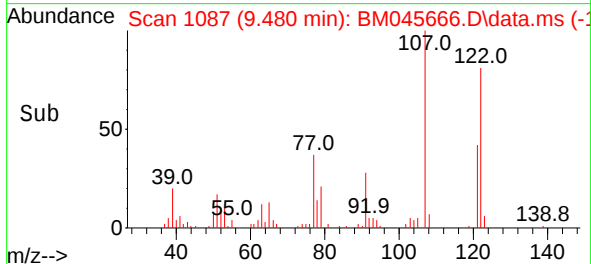
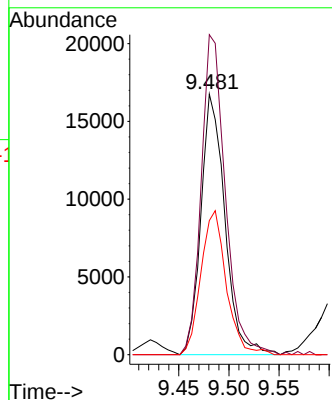
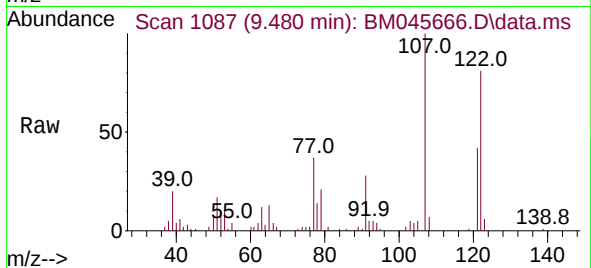
Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	122	Resp:	27811
Ion	Ratio	Lower	Upper
122	100		
107	122.8	95.5	143.3
121	51.4	53.1	79.7#



#28

bis(2-Chloroethoxy)methane

Concen: 41.808 ng

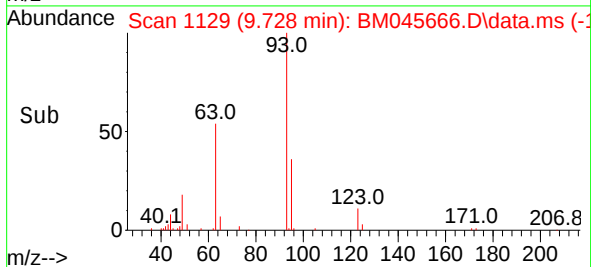
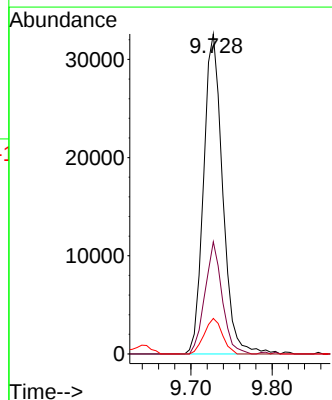
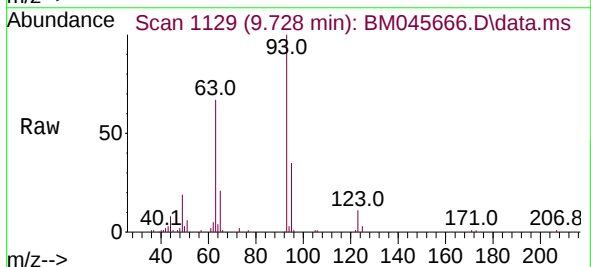
RT: 9.728 min Scan# 1129

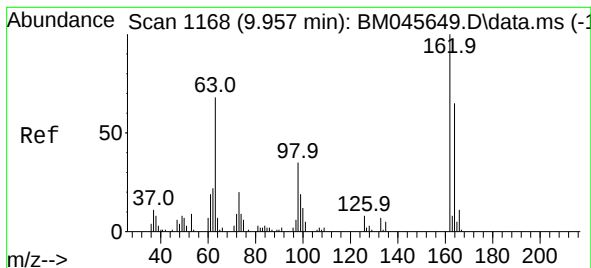
Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Tgt Ion:	93	Resp:	53101
Ion	Ratio	Lower	Upper
93	100		
95	35.0	26.8	40.2
123	11.1	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 41.534 ng

RT: 9.951 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BM045666.D

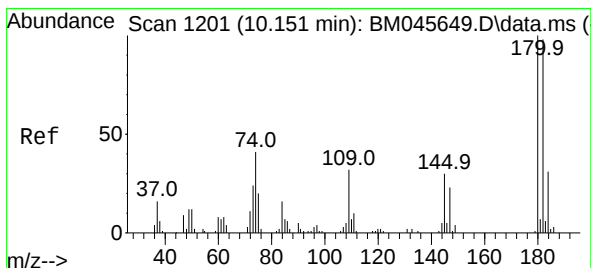
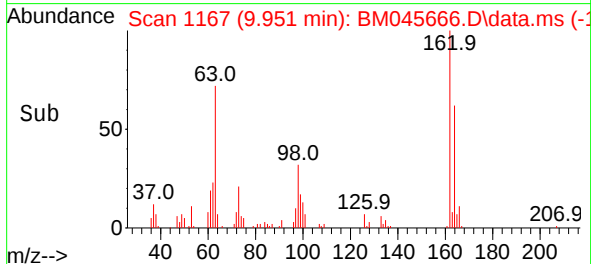
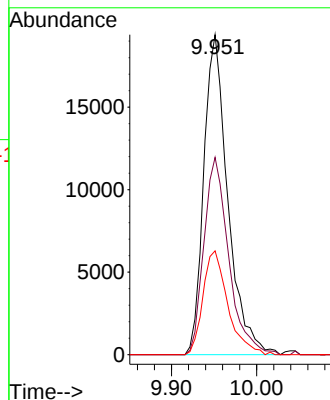
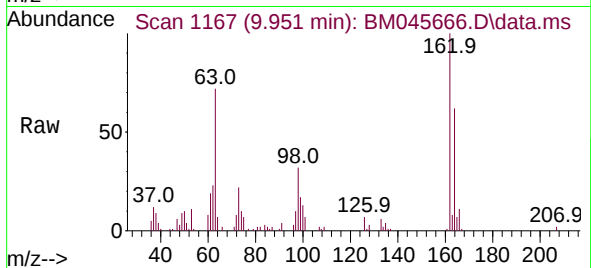
Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:162	Resp:	38103
Ion Ratio	Lower	Upper
162	100	
164	61.6	44.8 84.8
98	32.4	15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 39.134 ng

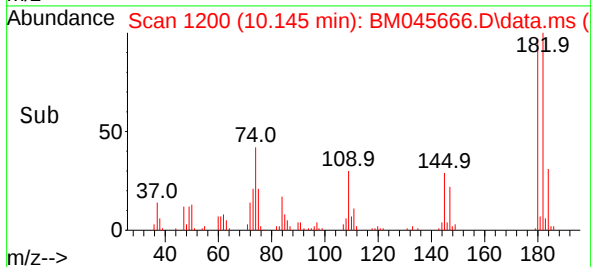
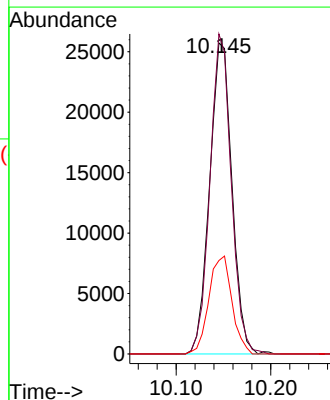
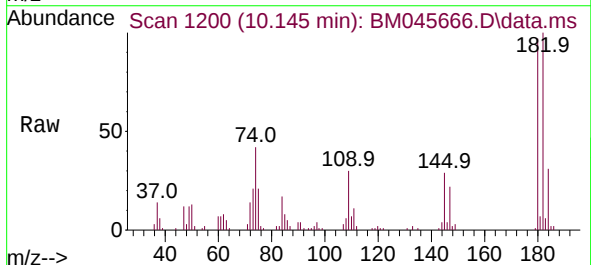
RT: 10.145 min Scan# 1200

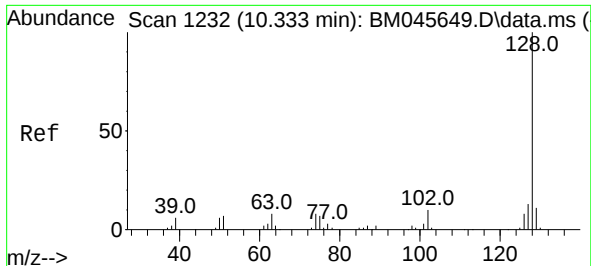
Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

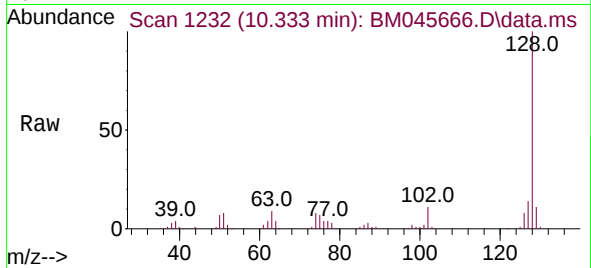
Tgt Ion:180	Resp:	42183
Ion Ratio	Lower	Upper
180	100	
182	102.9	78.6 117.8
145	30.0	24.4 36.6



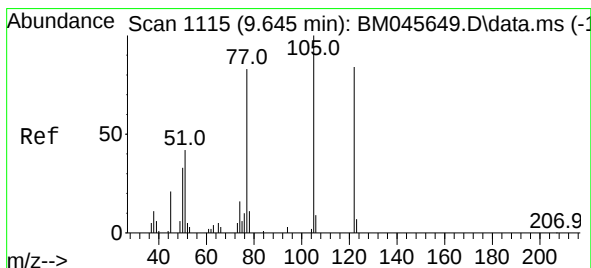
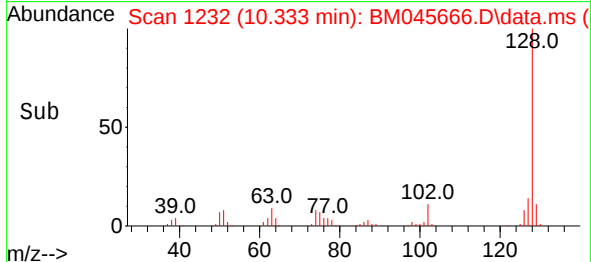
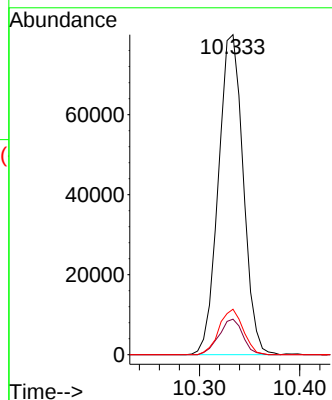


#31
Naphthalene
Concen: 39.301 ng
RT: 10.333 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Instrument :
BNA_M
ClientSampleId :

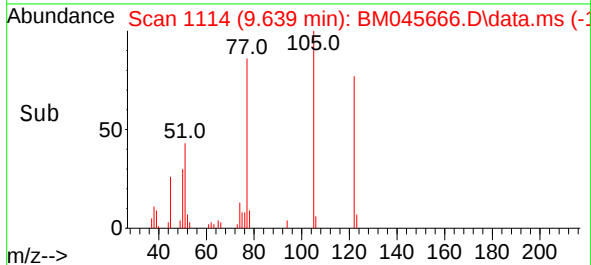
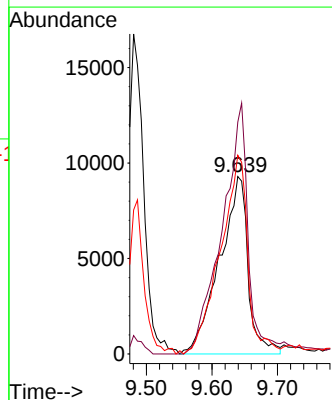
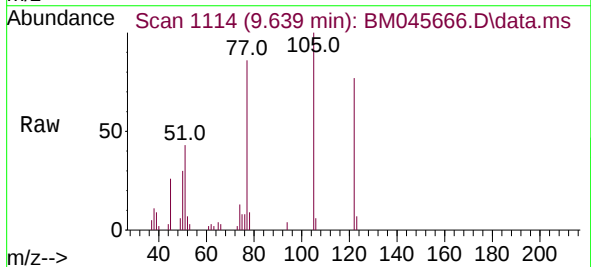


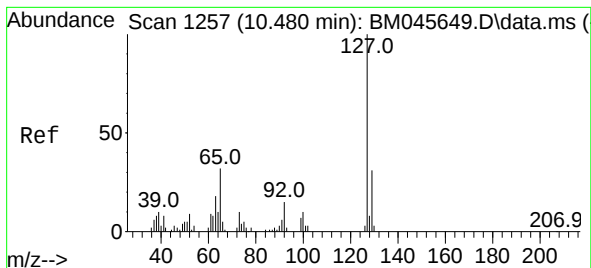
Tgt Ion:128 Resp: 137478
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 14.2 10.2 15.4



#32
Benzoic acid
Concen: 36.216 ng
RT: 9.639 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Tgt Ion:122 Resp: 28057
Ion Ratio Lower Upper
122 100
105 130.7 97.5 137.5
77 111.9 80.0 120.0





#33

4-Chloroaniline

Concen: 39.541 ng

RT: 10.475 min Scan# 1

Delta R.T. -0.006 min

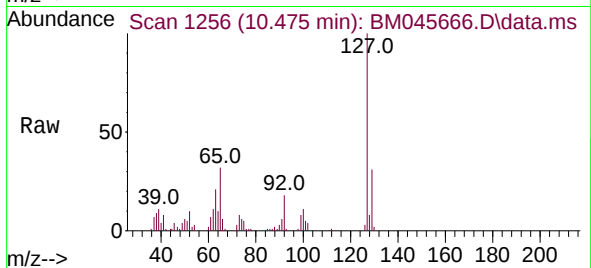
Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:127 Resp: 47076

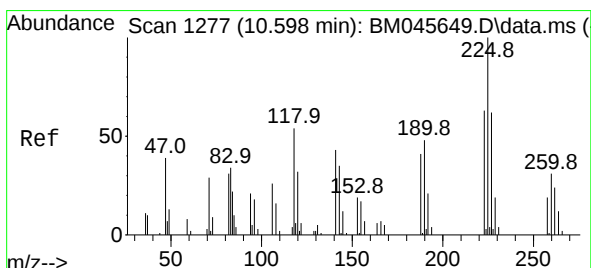
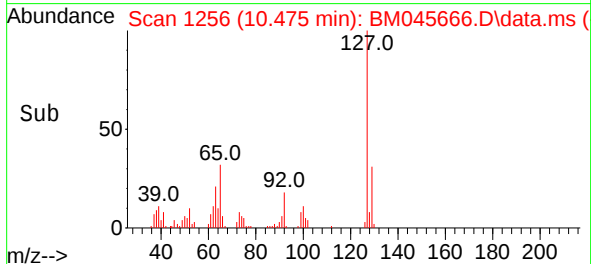
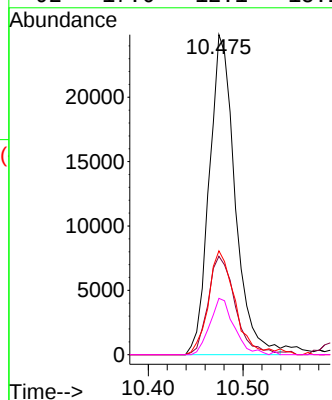
Ion Ratio Lower Upper

127 100

129 30.7 25.0 37.4

65 32.4 25.7 38.5

92 17.6 12.1 18.1



#34

Hexachlorobutadiene

Concen: 41.592 ng

RT: 10.586 min Scan# 1275

Delta R.T. -0.012 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

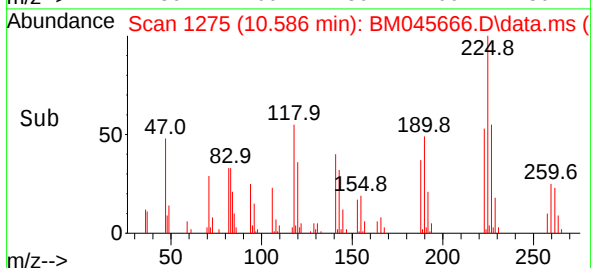
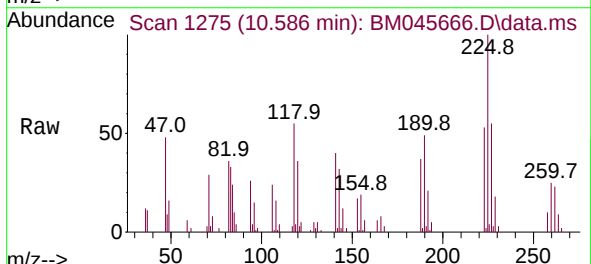
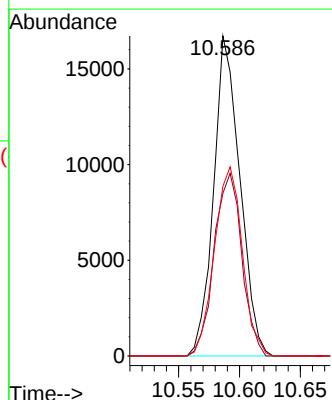
Tgt Ion:225 Resp: 25091

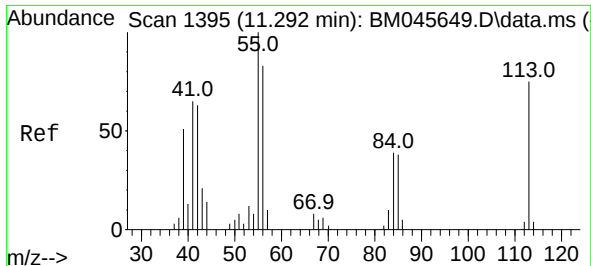
Ion Ratio Lower Upper

225 100

223 50.9 50.2 75.4

227 53.0 52.1 78.1





#35

Caprolactam

Concen: 37.149 ng

RT: 11.280 min Scan# 14

Delta R.T. -0.012 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

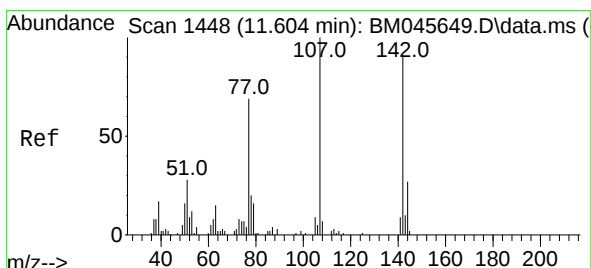
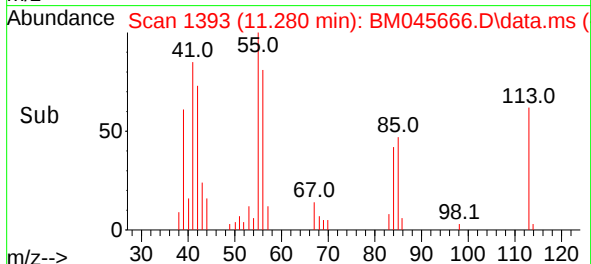
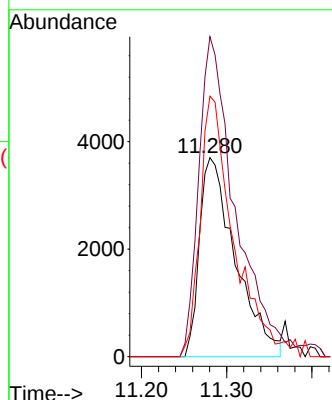
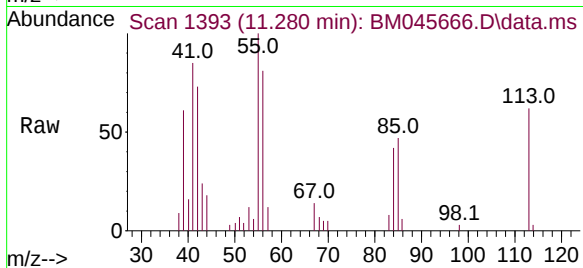
Tgt Ion:113 Resp: 10878

Ion Ratio Lower Upper

113 100

55 160.7 113.7 153.7#

56 130.9 91.6 131.6



#36

4-Chloro-3-methylphenol

Concen: 39.327 ng

RT: 11.598 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

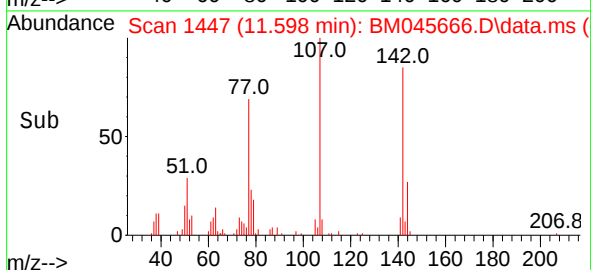
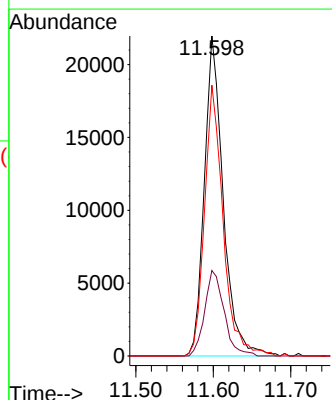
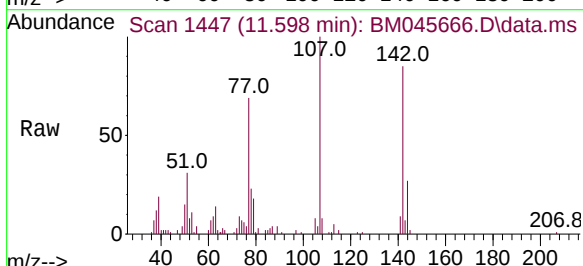
Tgt Ion:107 Resp: 37242

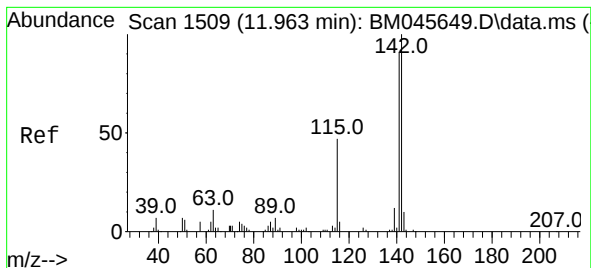
Ion Ratio Lower Upper

107 100

144 26.7 21.2 31.8

142 84.6 73.0 109.4





#37

2-Methylnaphthalene

Concen: 39.980 ng

RT: 11.957 min Scan# 1508

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

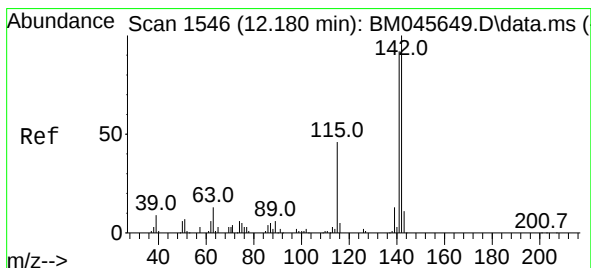
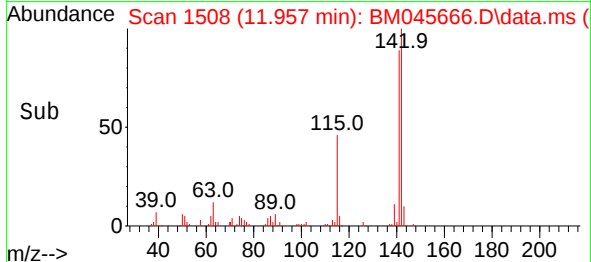
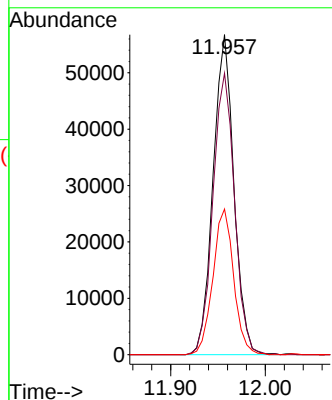
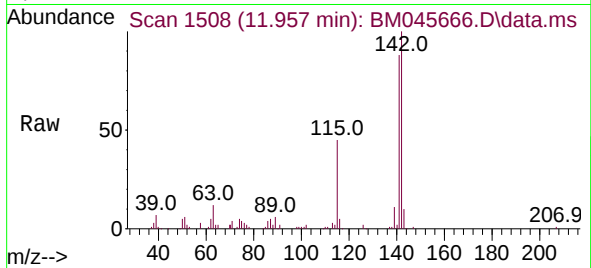
Tgt Ion:142 Resp: 86564

Ion Ratio Lower Upper

142 100

141 88.0 73.0 109.4

115 45.5 37.4 56.2



#38

1-Methylnaphthalene

Concen: 39.253 ng

RT: 11.957 min Scan# 1508

Delta R.T. -0.223 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

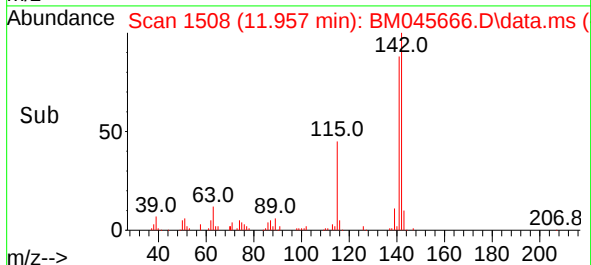
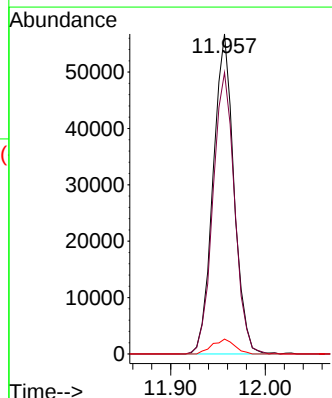
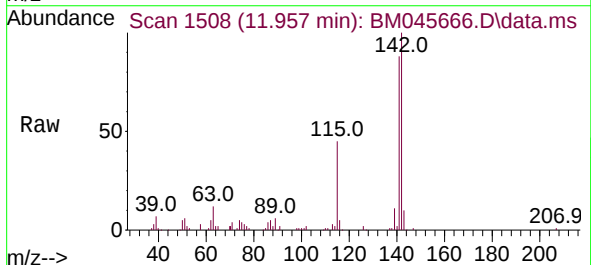
Tgt Ion:142 Resp: 86564

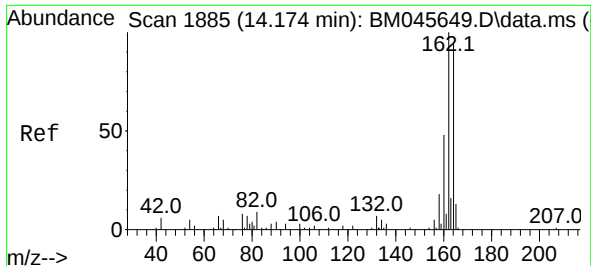
Ion Ratio Lower Upper

142 100

141 88.0 74.1 111.1

116 4.6 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.168 min Scan# 11

Delta R.T. -0.006 min

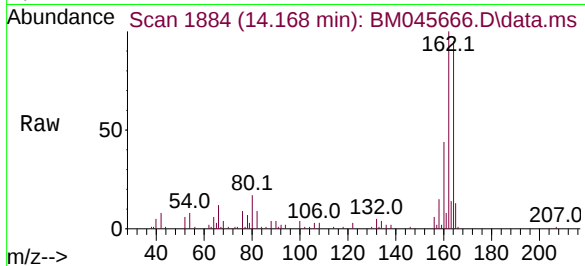
Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :



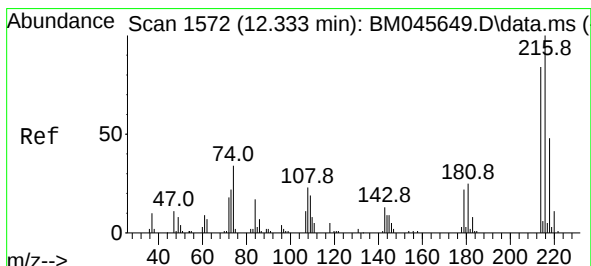
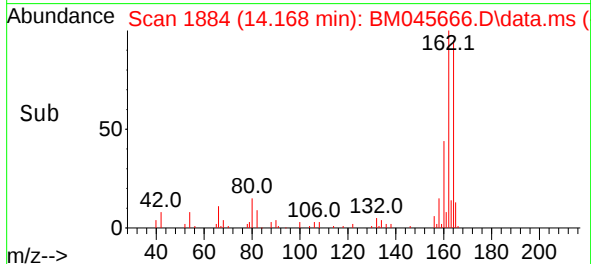
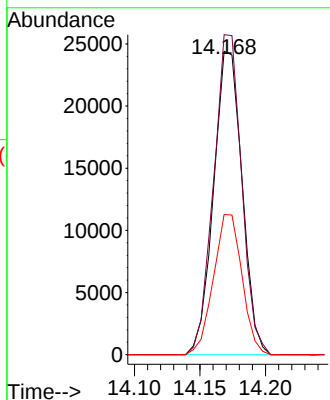
Tgt Ion:164 Resp: 36897

Ion Ratio Lower Upper

164 100

162 105.5 83.8 125.8

160 46.2 40.6 61.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.587 ng

RT: 12.327 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Tgt Ion:216 Resp: 37413

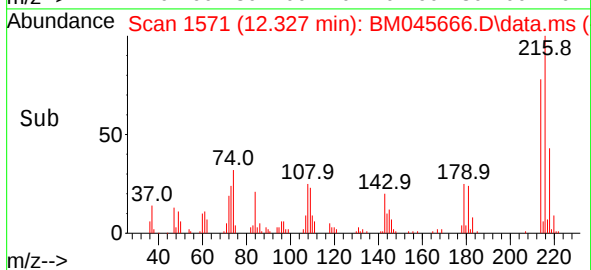
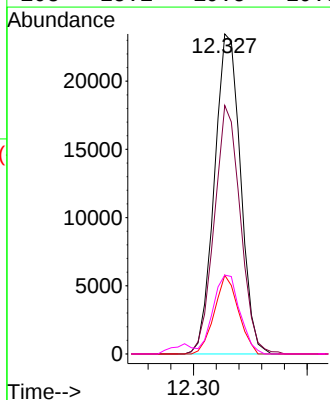
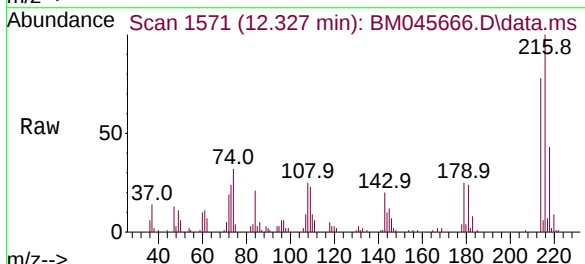
Ion Ratio Lower Upper

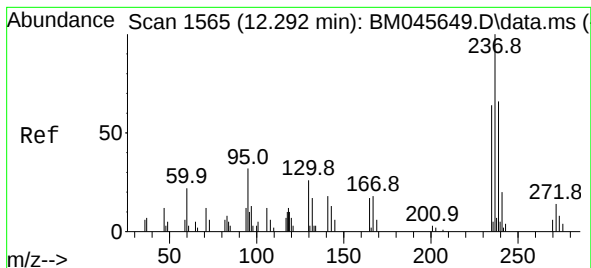
216 100

214 77.7 63.0 94.6

179 22.6 17.5 26.3

108 25.1 19.5 29.3





#41

Hexachlorocyclopentadiene

Concen: 38.440 ng

RT: 12.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

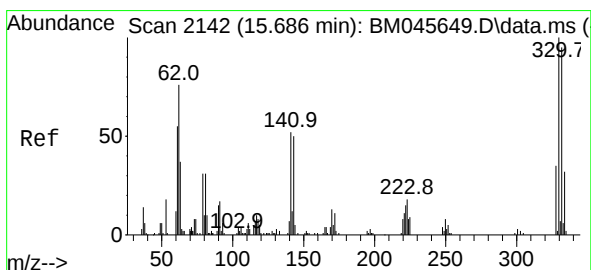
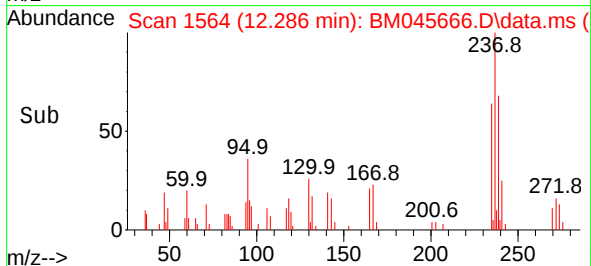
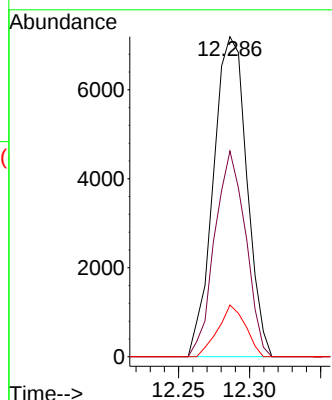
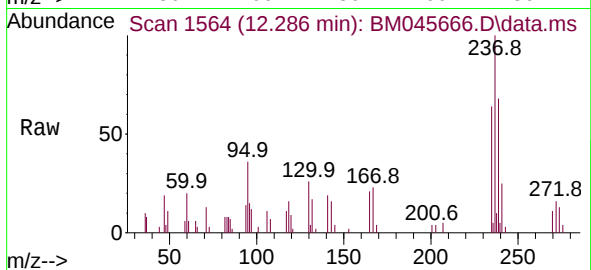
Tgt Ion:237 Resp: 11784

Ion Ratio Lower Upper

237 100

235 64.3 43.8 83.8

272 16.2 0.0 34.4



#42

2,4,6-Tribromophenol

Concen: 76.264 ng

RT: 15.680 min Scan# 2141

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

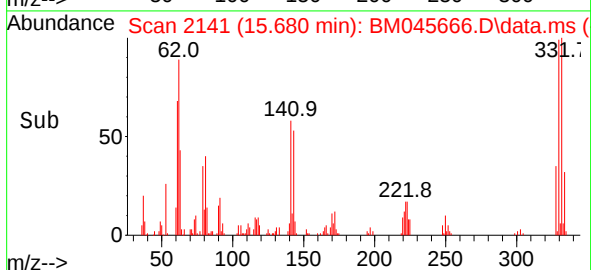
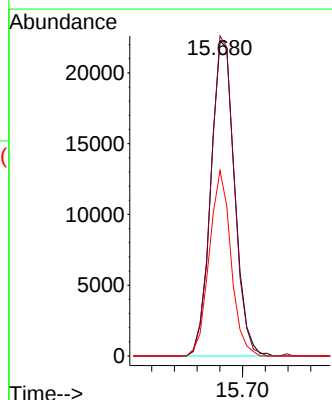
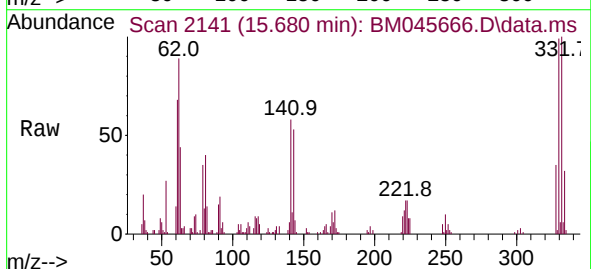
Tgt Ion:330 Resp: 32295

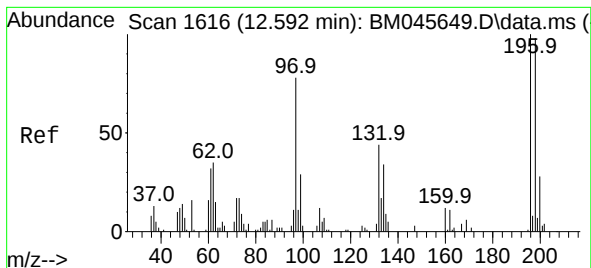
Ion Ratio Lower Upper

330 100

332 99.6 77.0 115.4

141 53.6 42.8 64.2





#43

2,4,6-Trichlorophenol

Concen: 40.201 ng

RT: 12.592 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

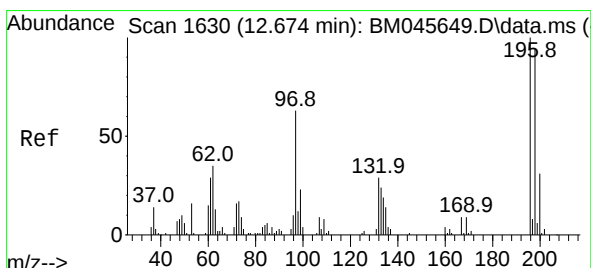
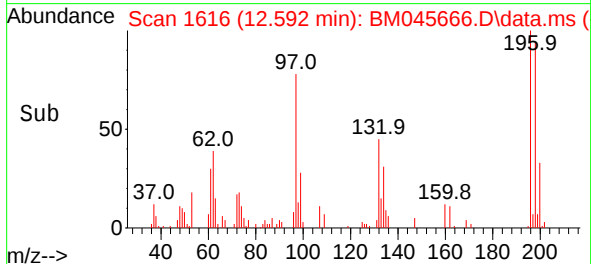
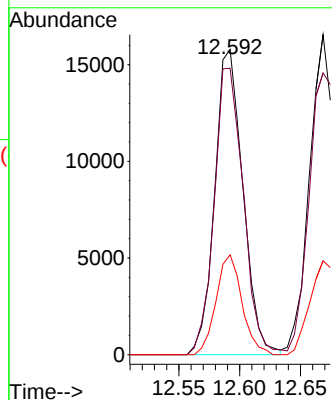
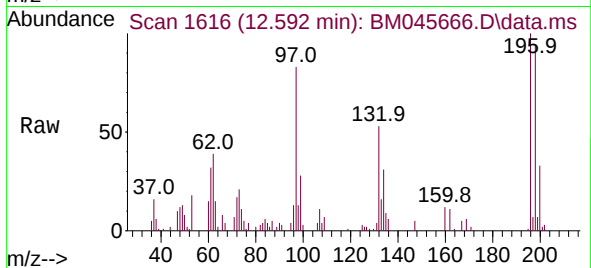
Tgt Ion:196 Resp: 25413

Ion Ratio Lower Upper

196 100

198 93.8 78.1 117.1

200 32.7 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 39.405 ng

RT: 12.669 min Scan# 1629

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Tgt Ion:196 Resp: 28294

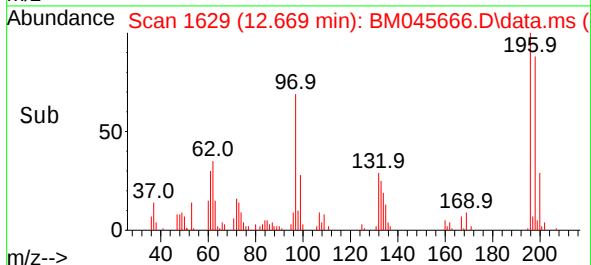
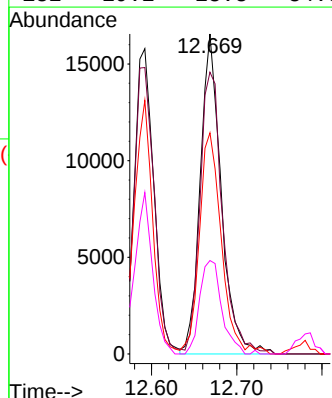
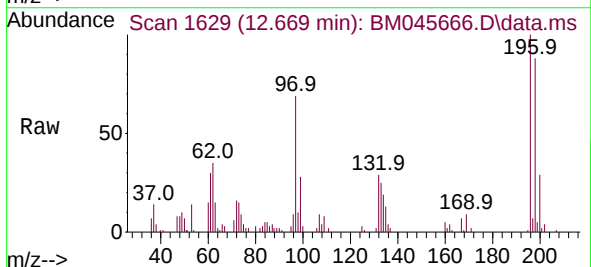
Ion Ratio Lower Upper

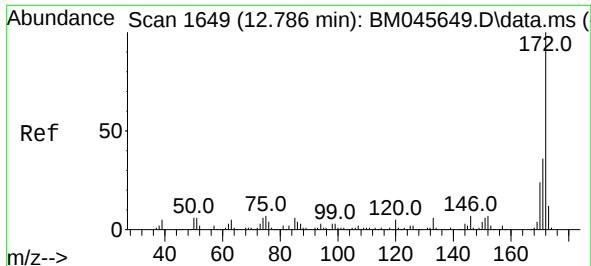
196 100

198 88.1 74.9 112.3

97 69.1 50.4 75.6

132 29.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 74.526 ng

RT: 12.780 min Scan# 1

Delta R.T. -0.006 min

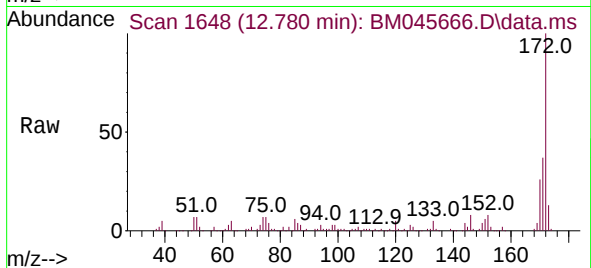
Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :



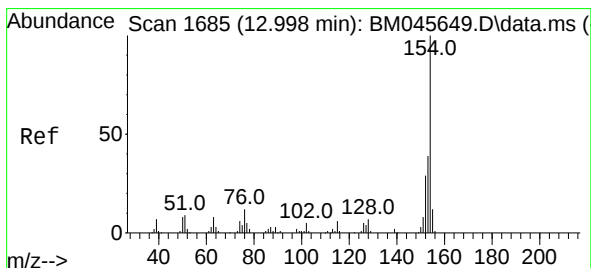
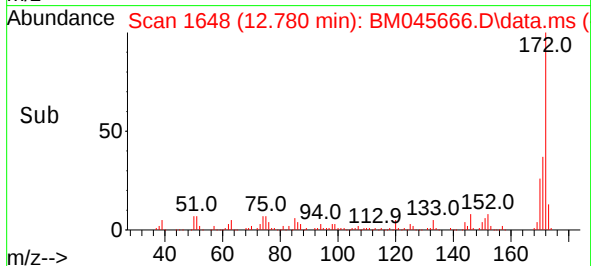
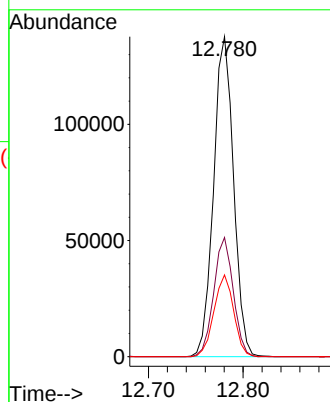
Tgt Ion:172 Resp: 201663

Ion Ratio Lower Upper

172 100

171 37.3 28.5 42.7

170 25.6 19.5 29.3



#46

1,1'-Biphenyl

Concen: 38.004 ng

RT: 12.998 min Scan# 1685

Delta R.T. 0.000 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

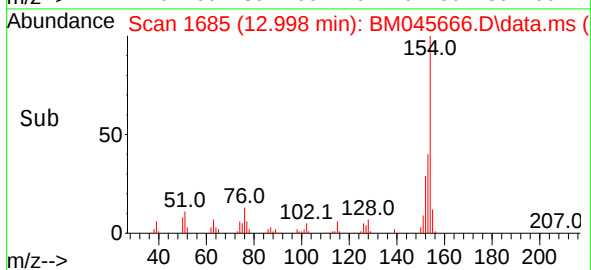
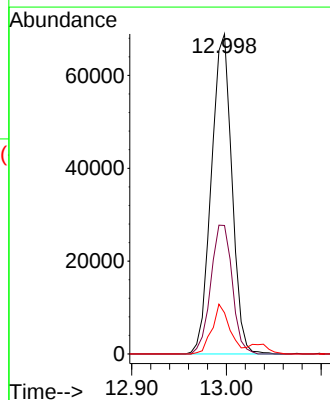
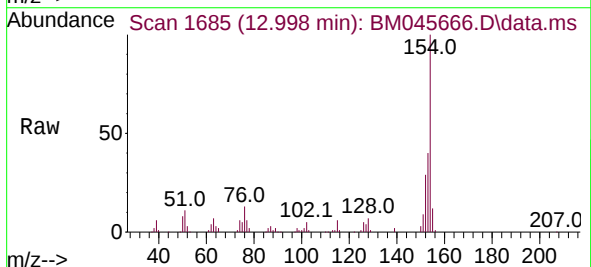
Tgt Ion:154 Resp: 103802

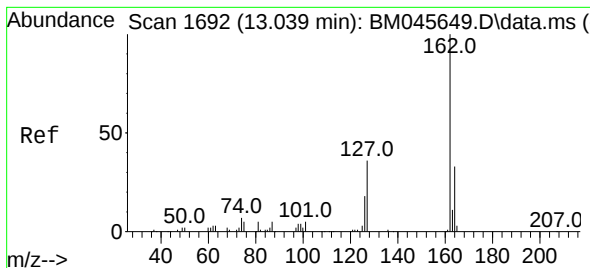
Ion Ratio Lower Upper

154 100

153 40.2 19.1 59.1

76 12.8 0.0 32.2





#47

2-Chloronaphthalene

Concen: 38.608 ng

RT: 13.033 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

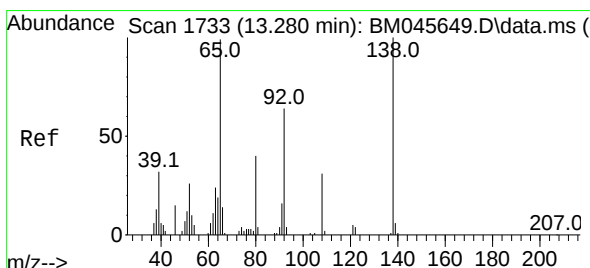
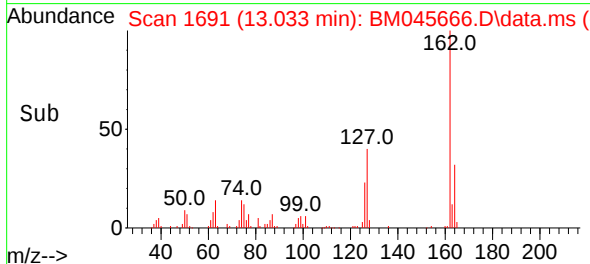
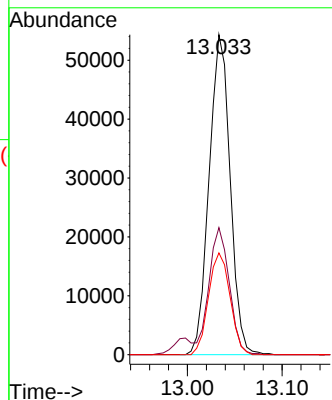
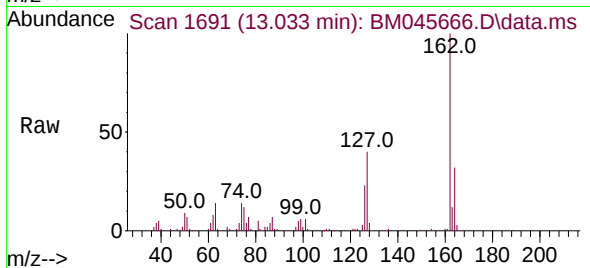
Tgt Ion:162 Resp: 83963

Ion Ratio Lower Upper

162 100

127 39.7 31.8 47.6

164 31.8 26.0 39.0



#48

2-Nitroaniline

Concen: 42.294 ng

RT: 13.274 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

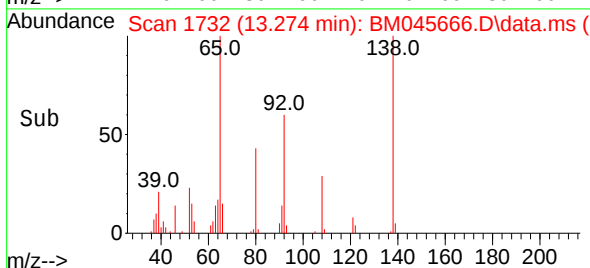
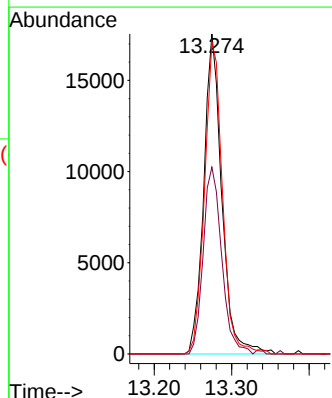
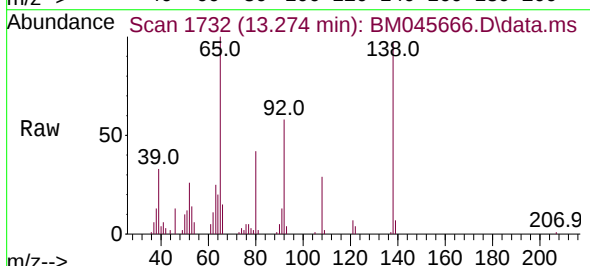
Tgt Ion: 65 Resp: 28415

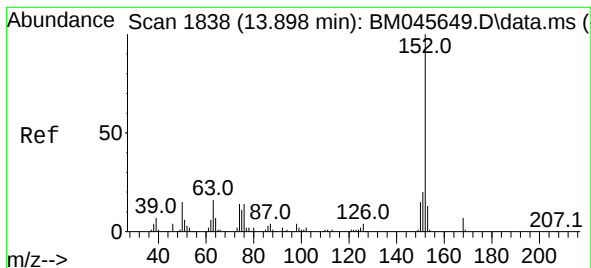
Ion Ratio Lower Upper

65 100

92 58.4 51.9 77.9

138 97.4 81.0 121.4





#49

Acenaphthylene

Concen: 38.401 ng

RT: 13.892 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM045666.D

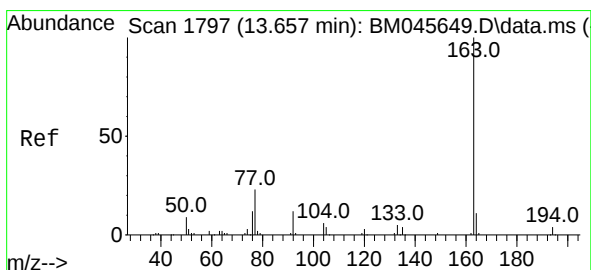
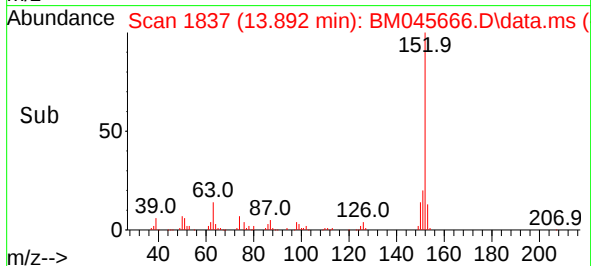
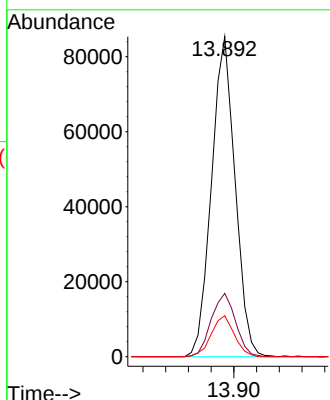
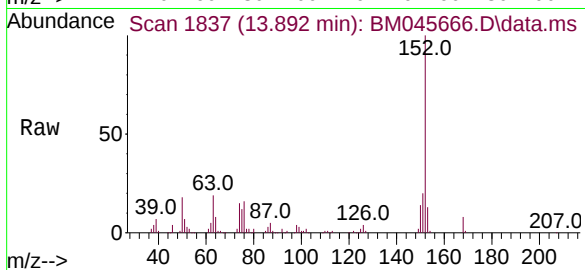
Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	152	Resp:	123144
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.2	24.4
153	12.8	10.5	15.7



#50

Dimethylphthalate

Concen: 39.114 ng

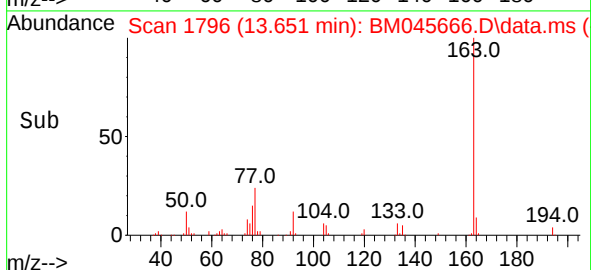
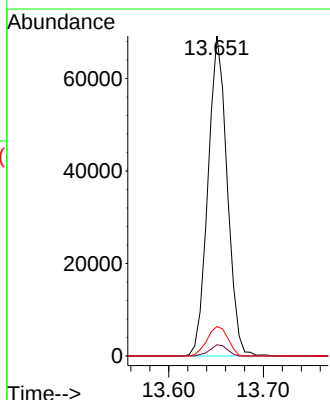
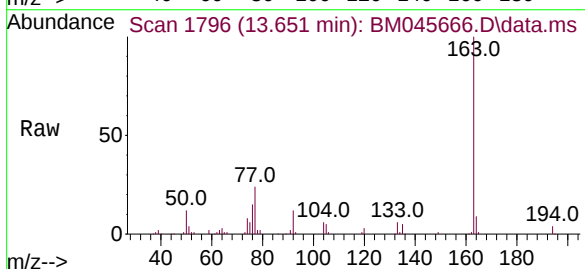
RT: 13.651 min Scan# 1796

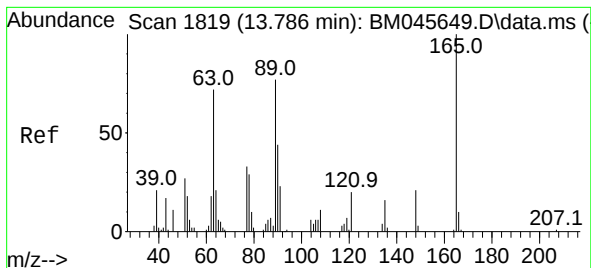
Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Tgt Ion:	163	Resp:	97122
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.1	4.7
164	9.2	8.7	13.1

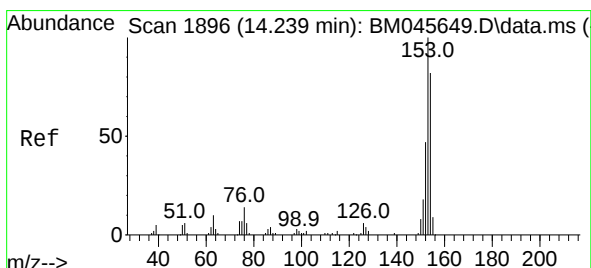
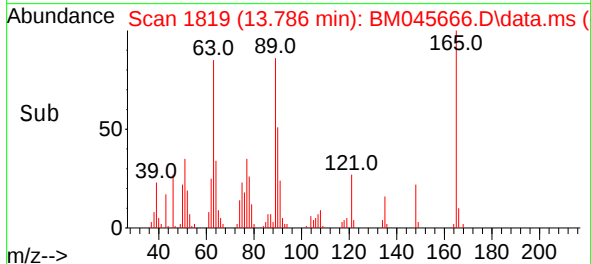
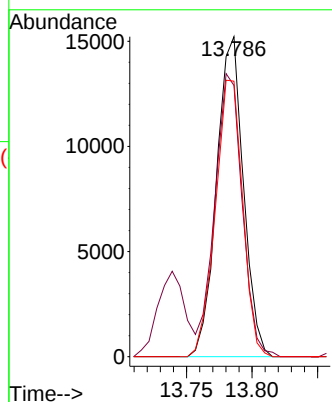
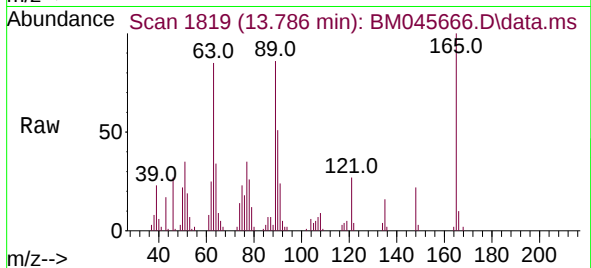




#51
2,6-Dinitrotoluene
Concen: 39.822 ng
RT: 13.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

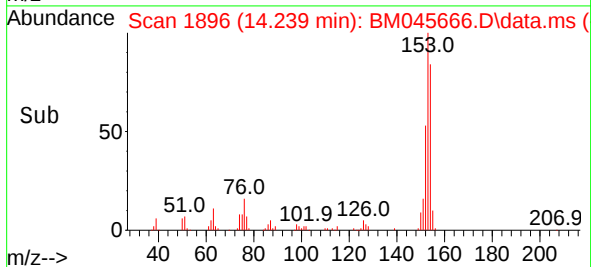
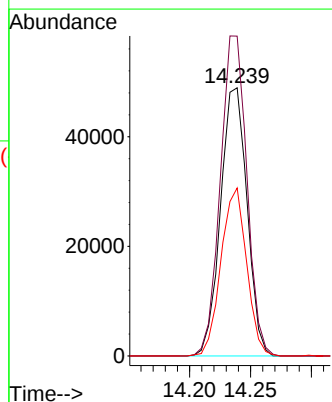
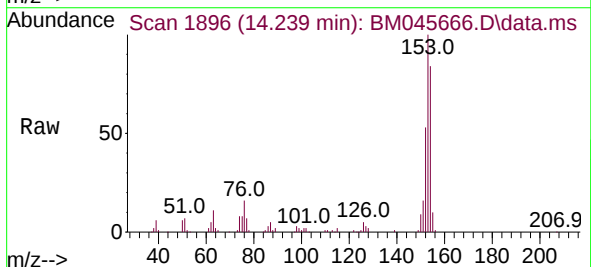
Instrument :
BNA_M
ClientSampleId :

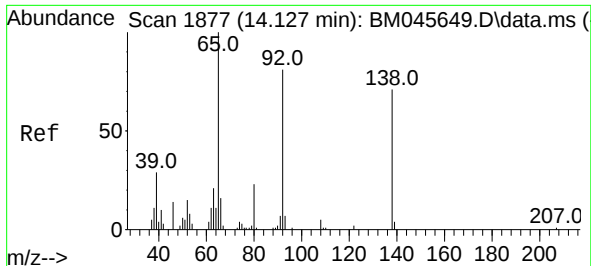
Tgt Ion:165 Resp: 21603
Ion Ratio Lower Upper
165 100
63 84.7 72.3 108.5
89 86.1 62.0 93.0



#52
Acenaphthene
Concen: 37.153 ng
RT: 14.239 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Tgt Ion:154 Resp: 74149
Ion Ratio Lower Upper
154 100
153 119.3 97.1 145.7
152 62.6 45.6 68.4

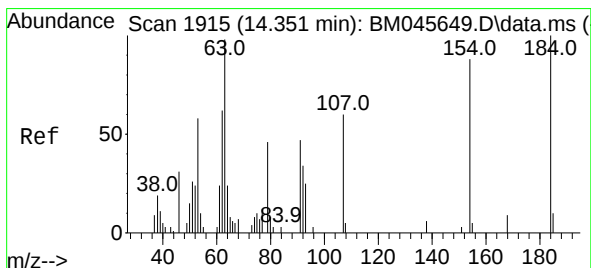
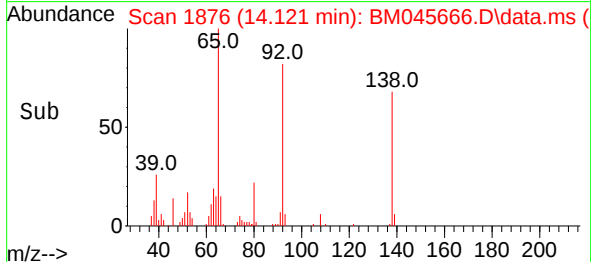
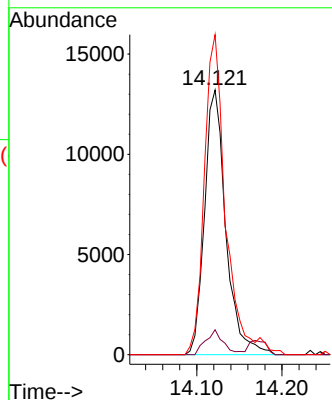
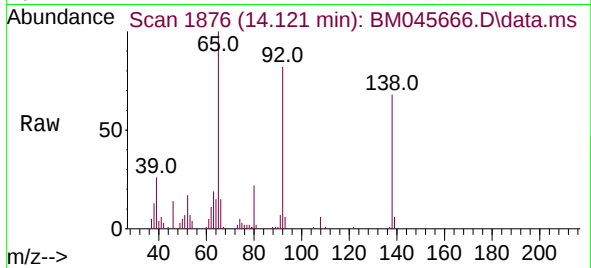




#53
3-Nitroaniline
Concen: 37.274 ng
RT: 14.121 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

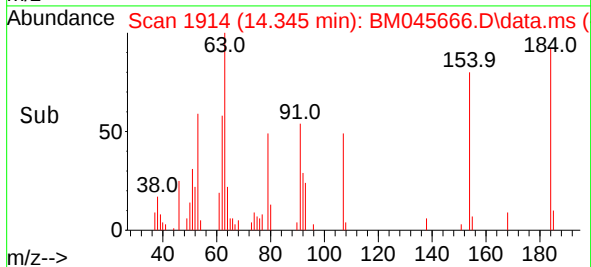
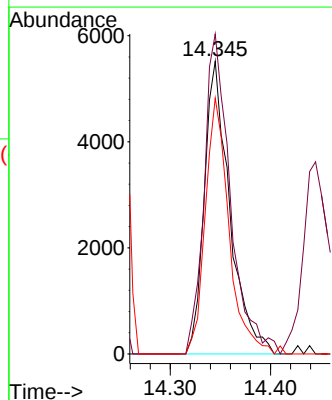
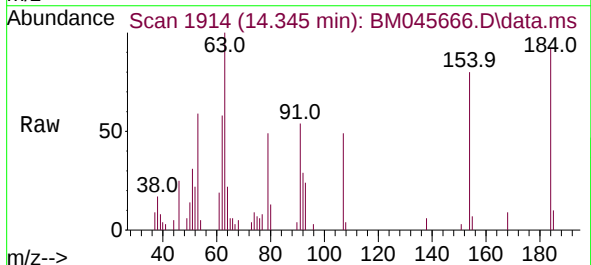
Instrument :
BNA_M
ClientSampleId :

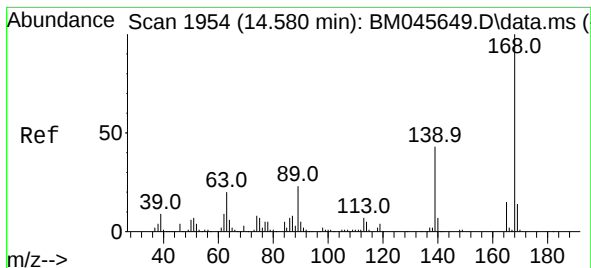
Tgt Ion:138 Resp: 22970
Ion Ratio Lower Upper
138 100
108 9.4 6.0 9.0#
92 120.9 91.4 137.2



#54
2,4-Dinitrophenol
Concen: 36.127 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Tgt Ion:184 Resp: 9740
Ion Ratio Lower Upper
184 100
63 109.3 78.7 118.1
154 87.4 70.6 105.8





#55

Dibenzofuran

Concen: 36.948 ng

RT: 14.580 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

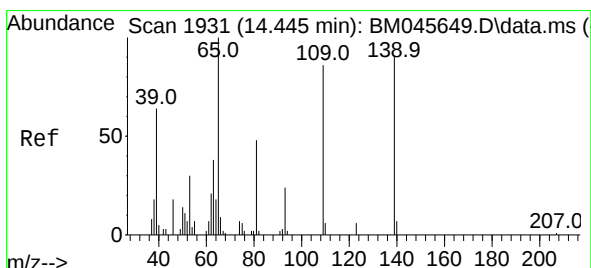
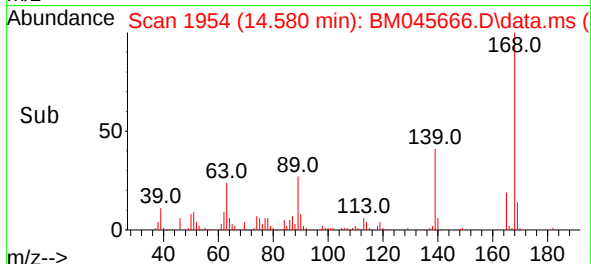
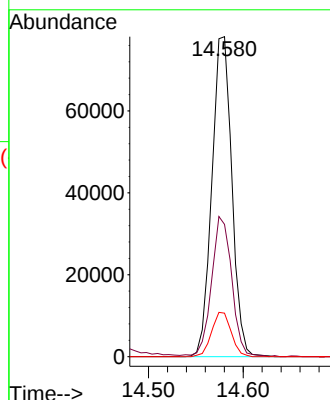
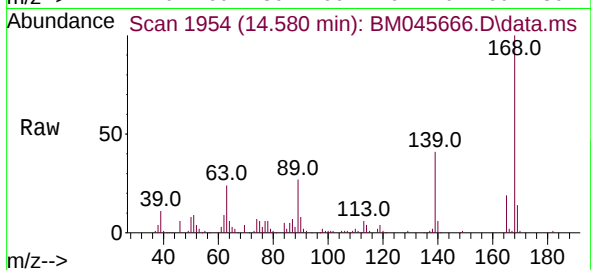
Tgt Ion:168 Resp: 114619

Ion Ratio Lower Upper

168 100

139 41.3 35.0 52.4

169 13.6 10.9 16.3



#56

4-Nitrophenol

Concen: 39.002 ng

RT: 14.445 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

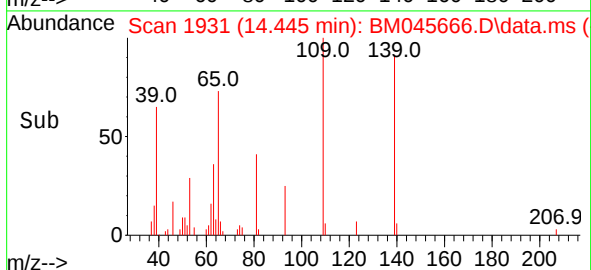
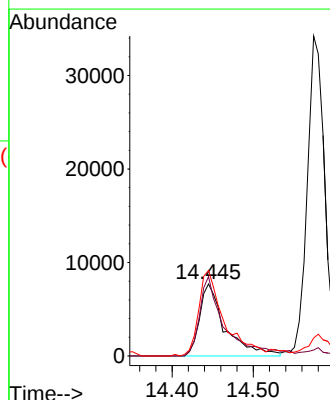
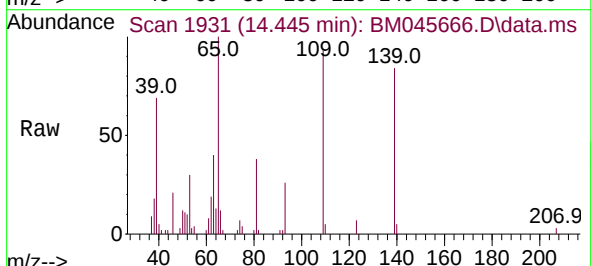
Tgt Ion:139 Resp: 16845

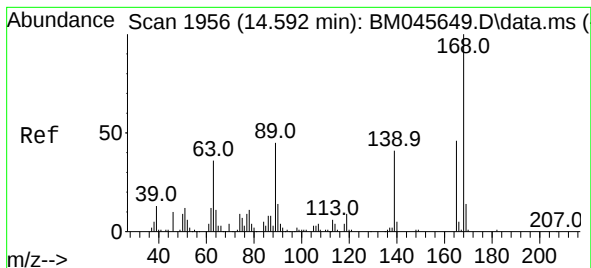
Ion Ratio Lower Upper

139 100

109 110.4 74.6 114.6

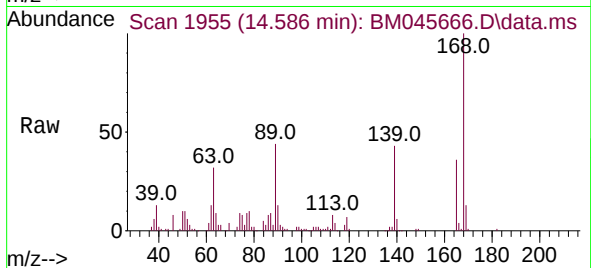
65 118.9 90.5 130.5



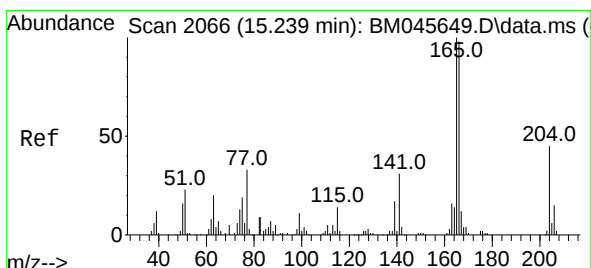
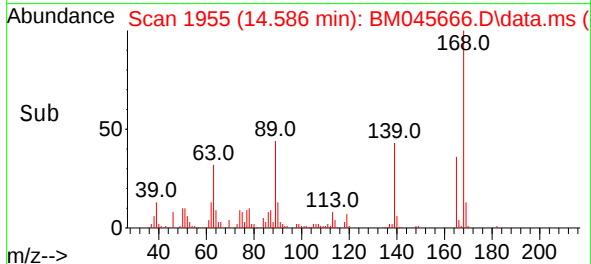
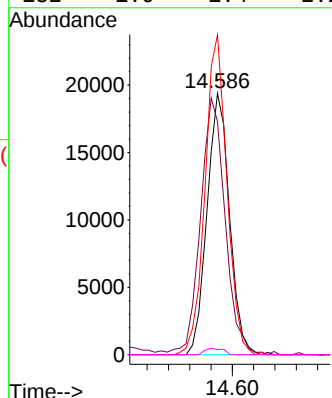


#57
2,4-Dinitrotoluene
Concen: 38.540 ng
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Instrument :
BNA_M
ClientSampleId :

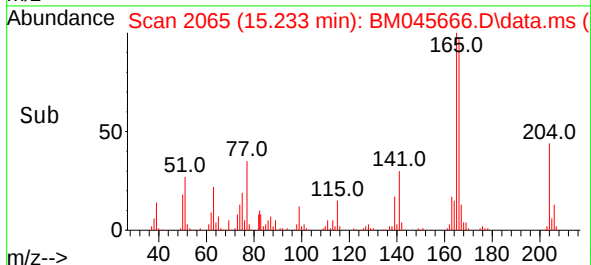
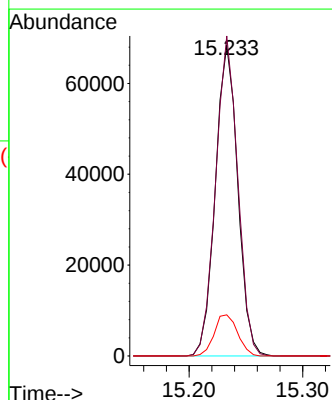
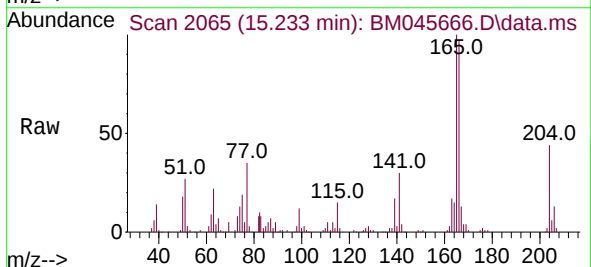


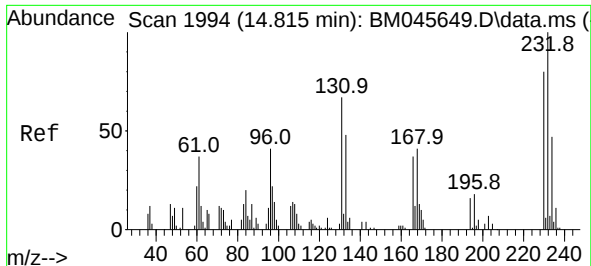
Tgt Ion:165 Resp: 28340
Ion Ratio Lower Upper
165 100
63 89.2 62.6 94.0
89 122.4 78.0 117.0#
182 1.9 1.4 2.2



#58
Fluorene
Concen: 36.453 ng
RT: 15.233 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Tgt Ion:166 Resp: 93791
Ion Ratio Lower Upper
166 100
165 103.0 82.1 123.1
167 13.3 9.4 14.2

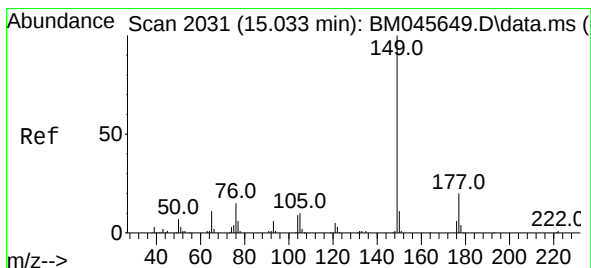
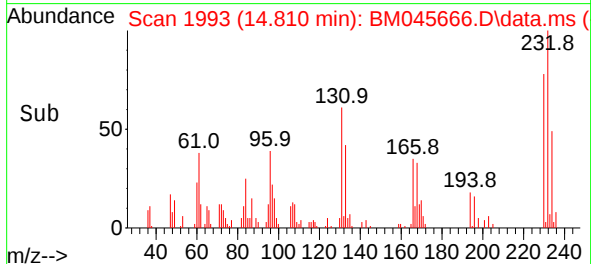
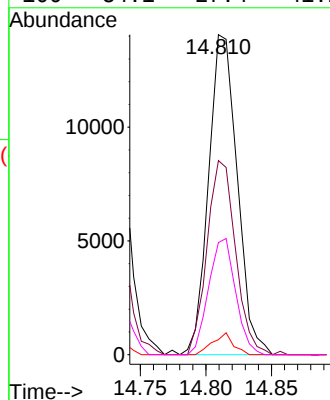
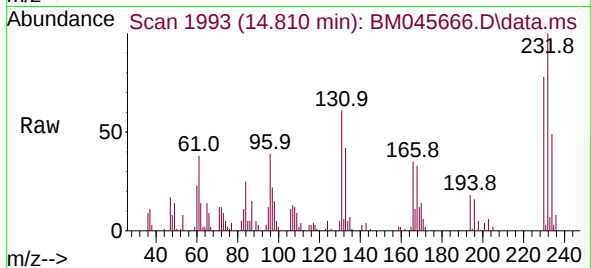




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.352 ng
RT: 14.810 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

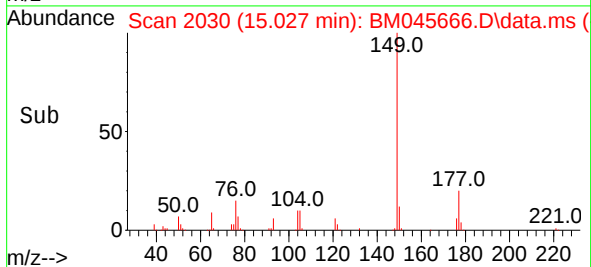
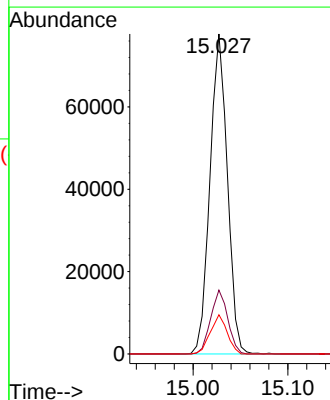
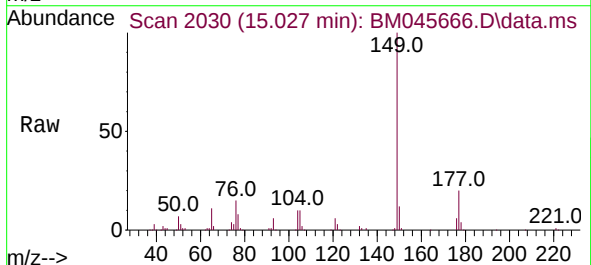
Instrument :
BNA_M
ClientSampleId :

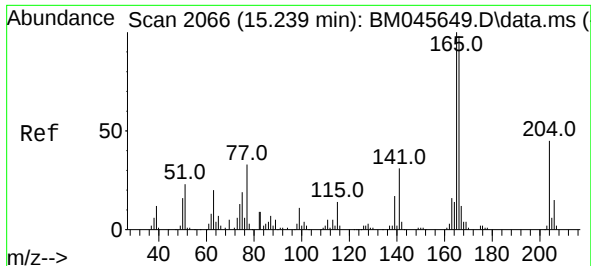
Tgt Ion:232	Resp:	21415
Ion Ratio	Lower	Upper
232	100	
131	60.5	49.8 74.6
130	4.8	3.0 4.4#
166	34.1	27.4 41.2



#60
Diethylphthalate
Concen: 36.550 ng
RT: 15.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Tgt Ion:149	Resp:	98861
Ion Ratio	Lower	Upper
149	100	
177	20.0	16.3 24.5
150	12.3	8.5 12.7

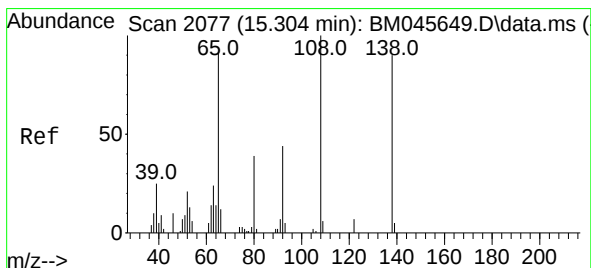
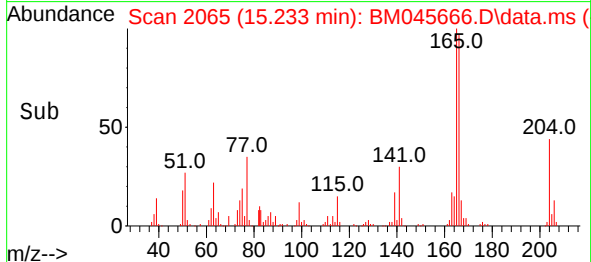
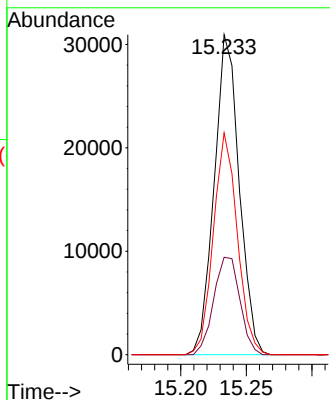
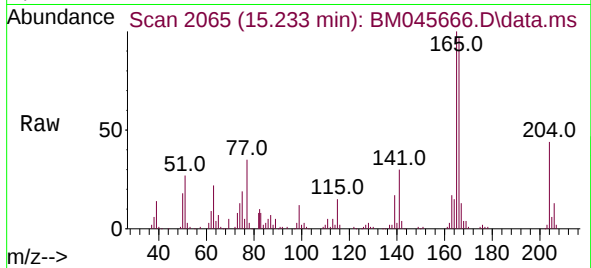




#61
4-Chlorophenyl-phenylether
Concen: 36.470 ng
RT: 15.233 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

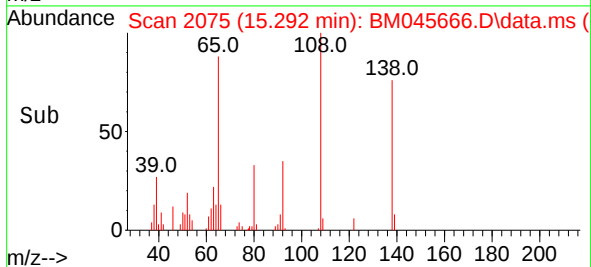
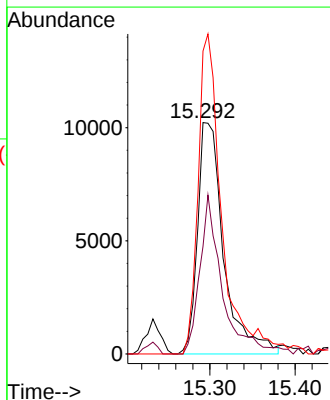
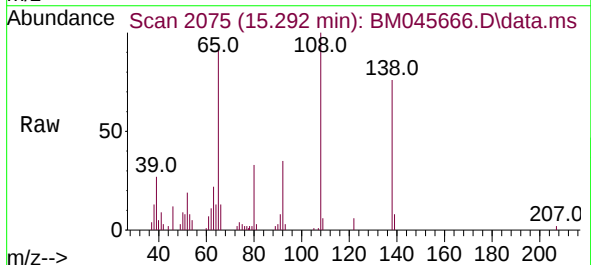
Instrument :
BNA_M
ClientSampleId :

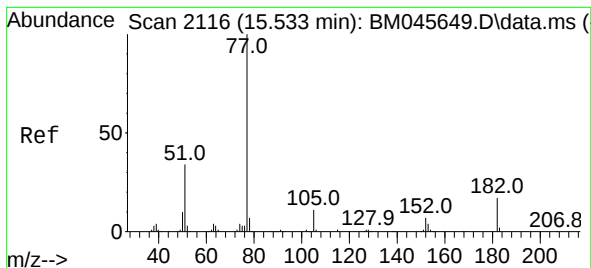
Tgt Ion:204 Resp: 40983
Ion Ratio Lower Upper
204 100
206 30.4 25.7 38.5
141 69.3 54.0 81.0



#62
4-Nitroaniline
Concen: 36.048 ng
RT: 15.292 min Scan# 2075
Delta R.T. -0.012 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Tgt Ion:138 Resp: 21827
Ion Ratio Lower Upper
138 100
92 46.5 29.5 69.5
108 131.0 91.4 131.4





#63

Azobenzene

Concen: 40.078 ng

RT: 15.533 min Scan# 2116

Delta R.T. 0.000 min

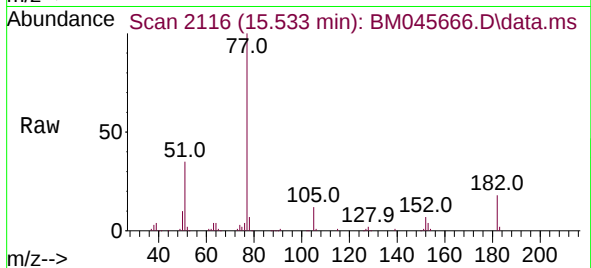
Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :



Tgt Ion: 77 Resp: 124985

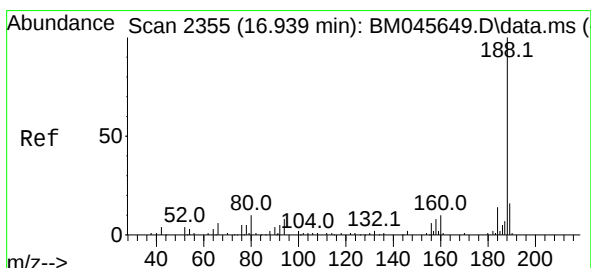
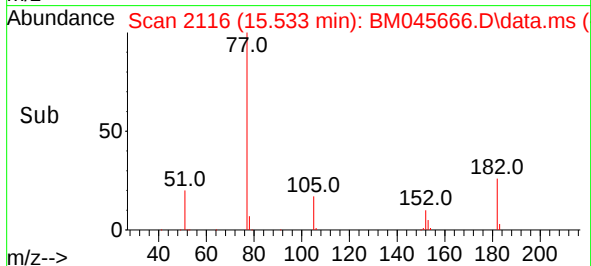
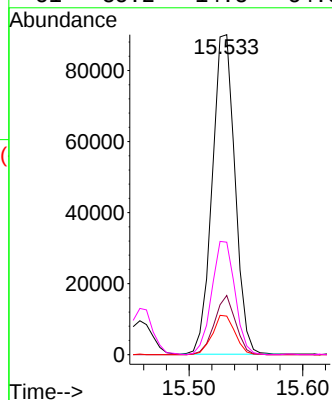
Ion Ratio Lower Upper

77 100

182 18.5 0.0 37.0

105 12.1 0.0 31.0

51 35.2 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.939 min Scan# 2355

Delta R.T. 0.000 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

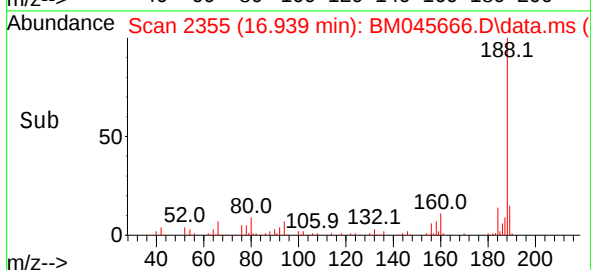
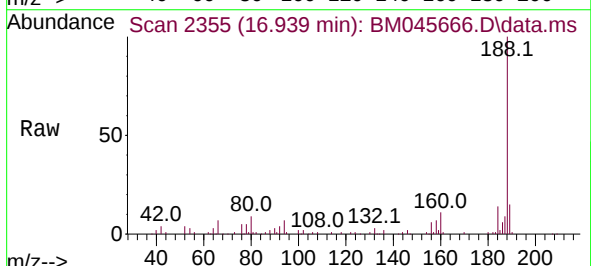
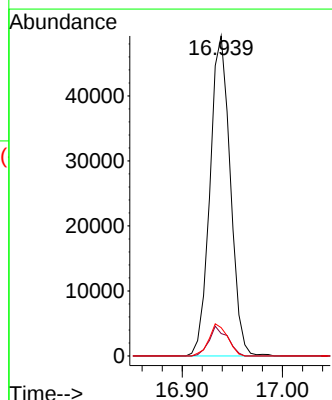
Tgt Ion: 188 Resp: 69332

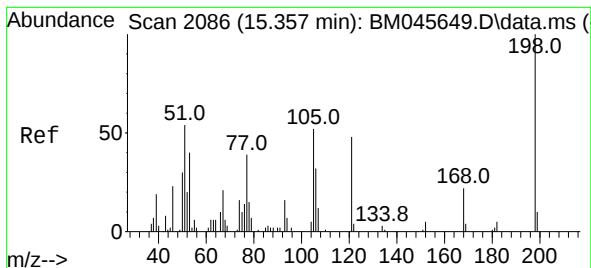
Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.2

80 8.9 7.7 11.5

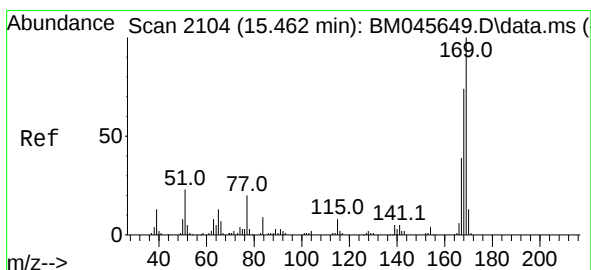
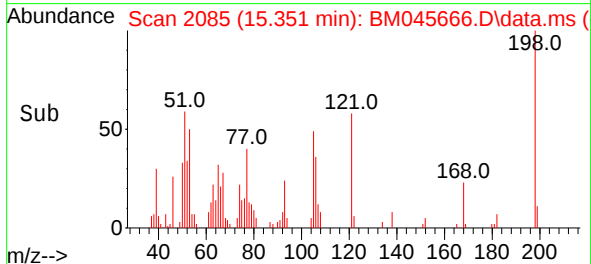
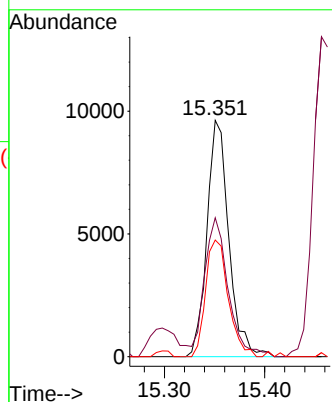
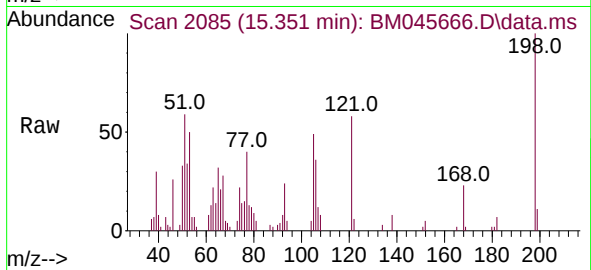




#65
4,6-Dinitro-2-methylphenol
Concen: 43.172 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

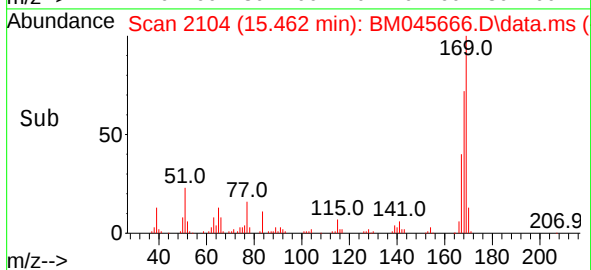
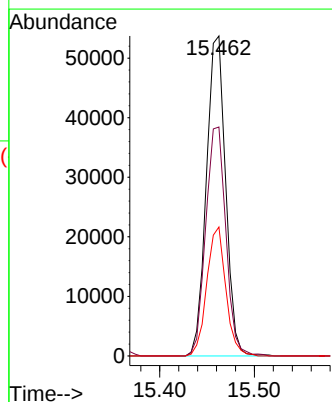
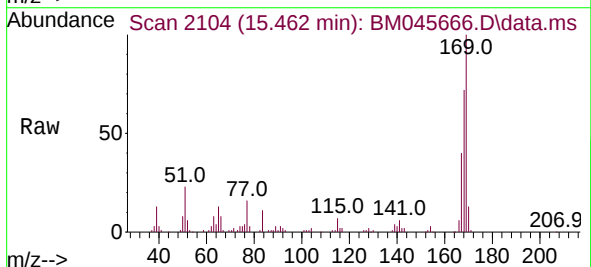
Instrument :
BNA_M
ClientSampleId :

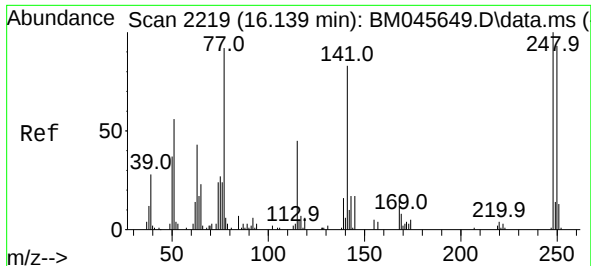
Tgt Ion:198 Resp: 14604
Ion Ratio Lower Upper
198 100
51 58.7 37.3 77.3
105 49.4 32.0 72.0



#66
n-Nitrosodiphenylamine
Concen: 40.142 ng
RT: 15.462 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Tgt Ion:169 Resp: 75515
Ion Ratio Lower Upper
169 100
168 71.6 59.0 88.6
167 40.3 31.2 46.8





#67

4-Bromophenyl-phenylether

Concen: 38.263 ng

RT: 16.133 min Scan# 2218

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

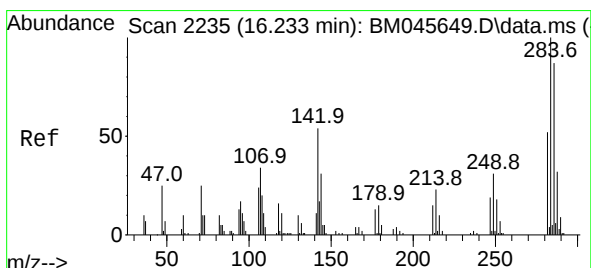
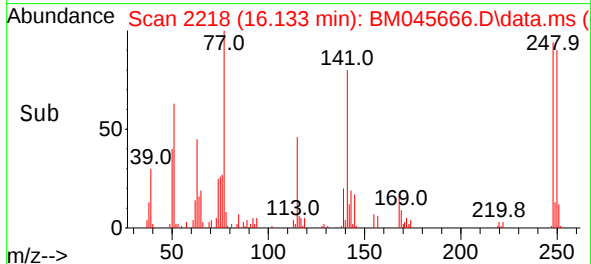
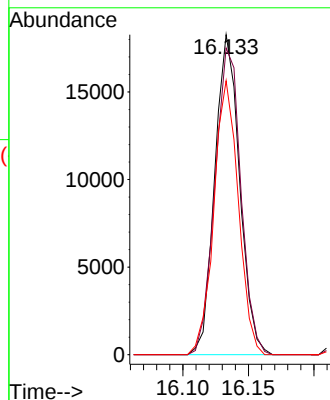
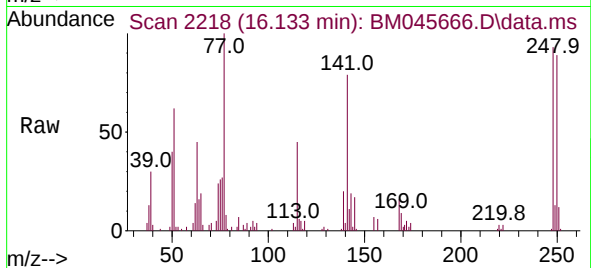
Tgt Ion:248 Resp: 24015

Ion Ratio Lower Upper

248 100

250 95.8 74.0 111.0

141 85.6 66.4 99.6



#68

Hexachlorobenzene

Concen: 40.246 ng

RT: 16.233 min Scan# 2235

Delta R.T. 0.000 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

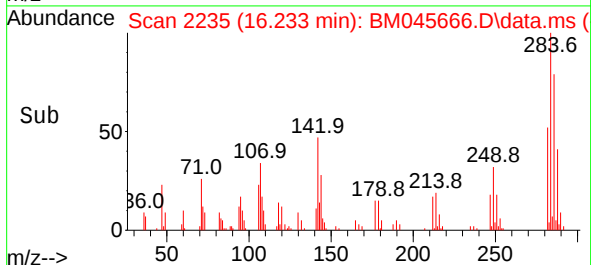
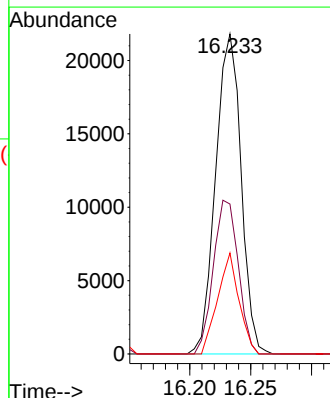
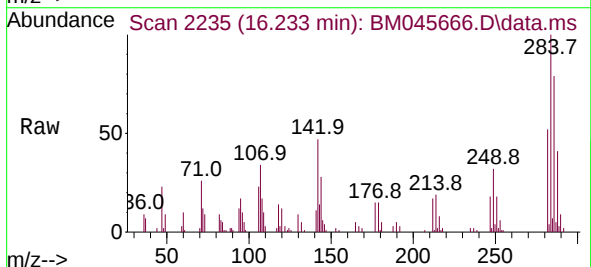
Tgt Ion:284 Resp: 31727

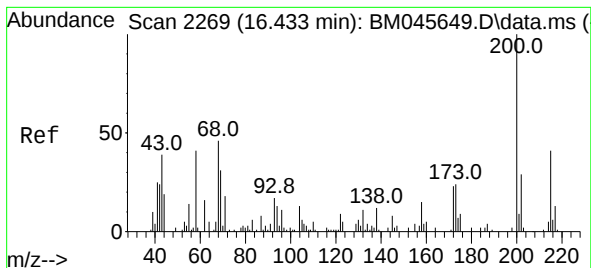
Ion Ratio Lower Upper

284 100

142 46.9 43.5 65.3

249 35.4 26.7 40.1





#69

Atrazine

Concen: 37.429 ng

RT: 16.427 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

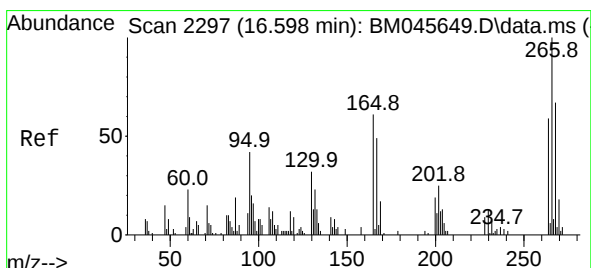
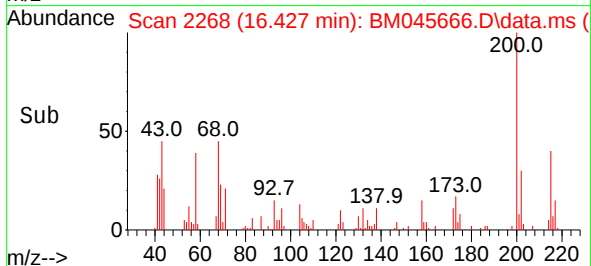
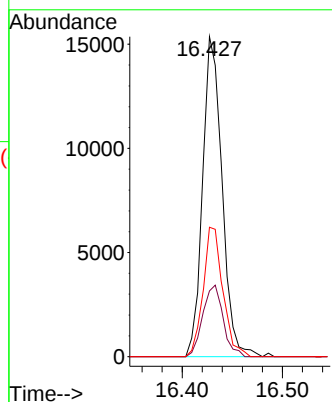
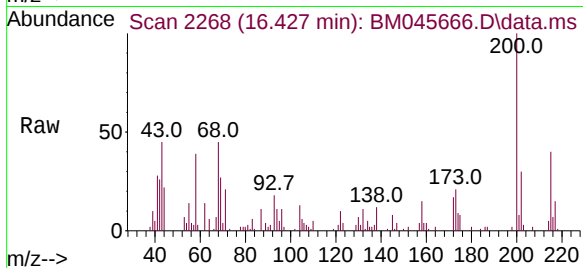
Tgt Ion:200 Resp: 20813

Ion Ratio Lower Upper

200 100

173 20.5 4.5 44.5

215 40.5 21.2 61.2



#70

Pentachlorophenol

Concen: 39.774 ng

RT: 16.592 min Scan# 2296

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

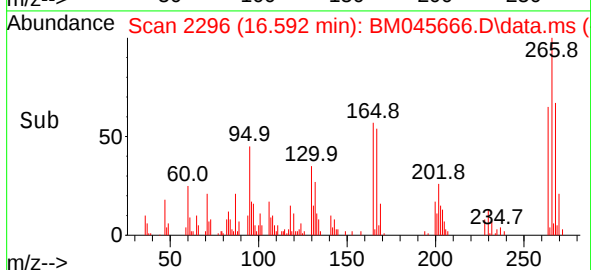
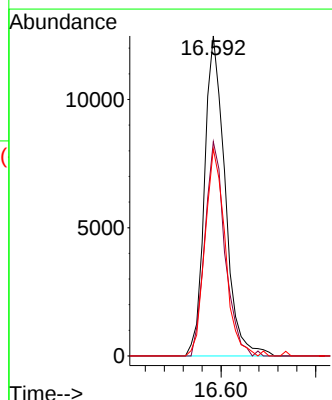
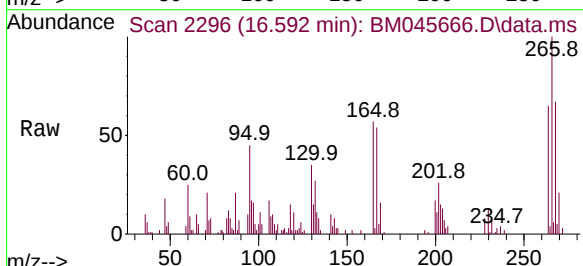
Tgt Ion:266 Resp: 18730

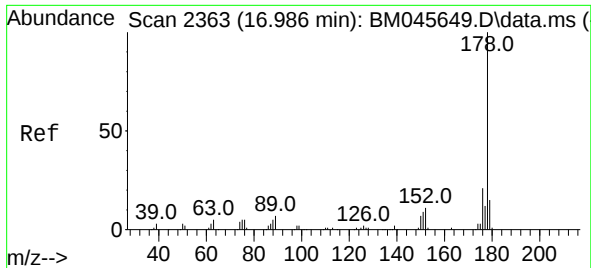
Ion Ratio Lower Upper

266 100

268 71.4 56.6 84.8

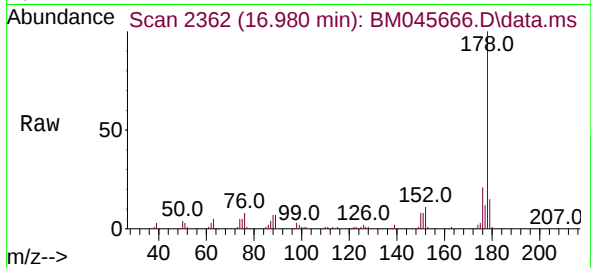
264 69.1 47.5 71.3



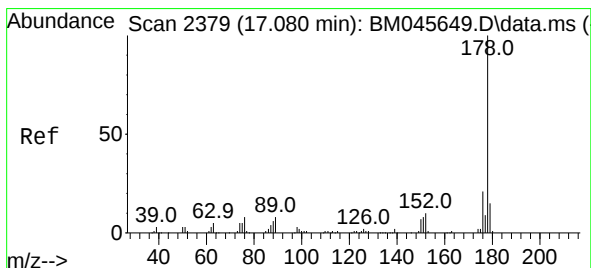
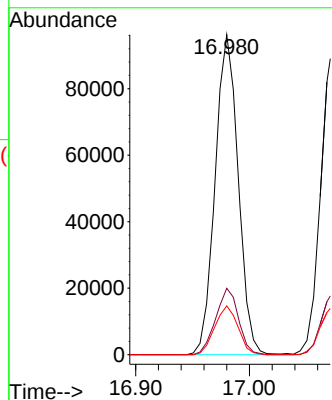
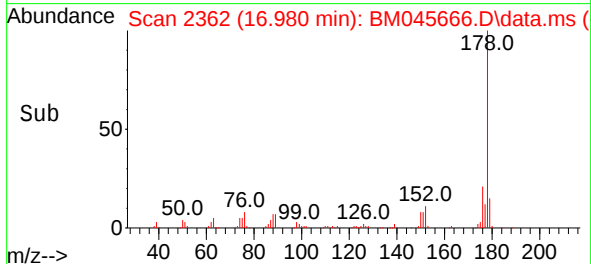


#71
Phenanthrene
Concen: 39.167 ng
RT: 16.980 min Scan# 2362
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Instrument :
BNA_M
ClientSampleId :

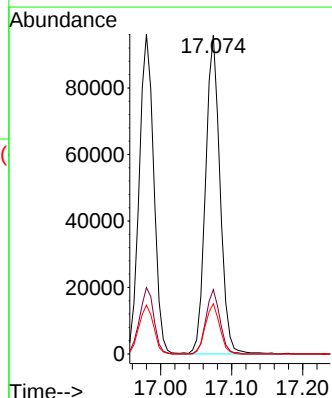
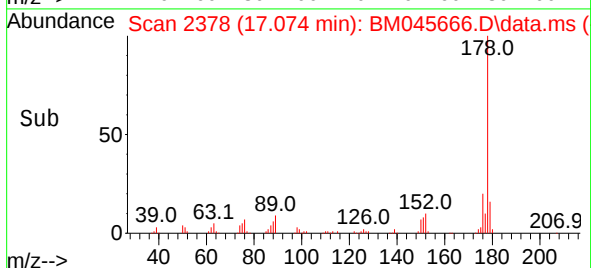
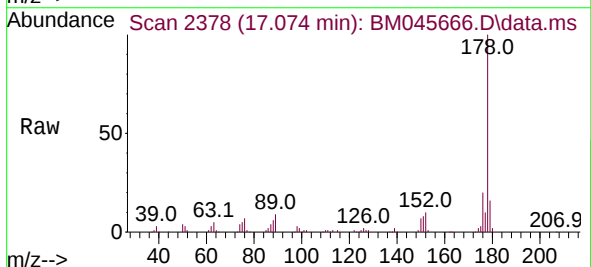


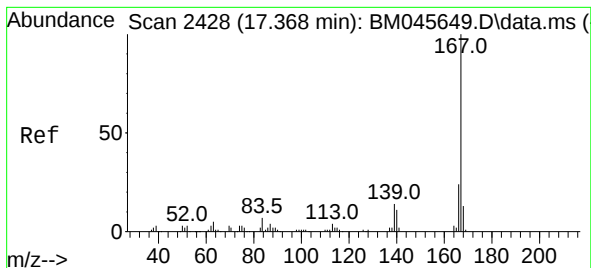
Tgt Ion:178 Resp: 135686
Ion Ratio Lower Upper
178 100
176 20.7 17.1 25.7
179 15.3 12.1 18.1



#72
Anthracene
Concen: 39.530 ng
RT: 17.074 min Scan# 2378
Delta R.T. -0.006 min
Lab File: BM045666.D
Acq: 02 May 2024 11:26

Tgt Ion:178 Resp: 135917
Ion Ratio Lower Upper
178 100
176 20.2 16.8 25.2
179 15.8 11.8 17.6





#73

Carbazole

Concen: 40.364 ng

RT: 17.362 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

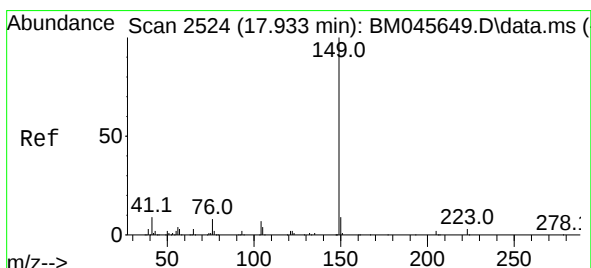
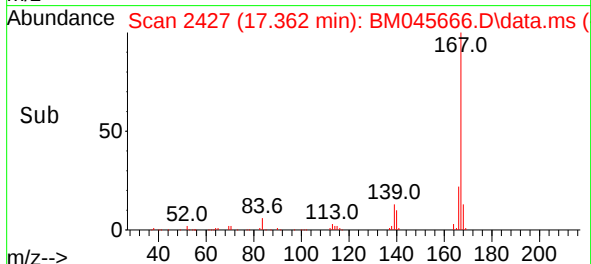
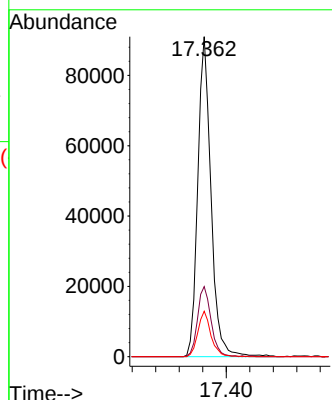
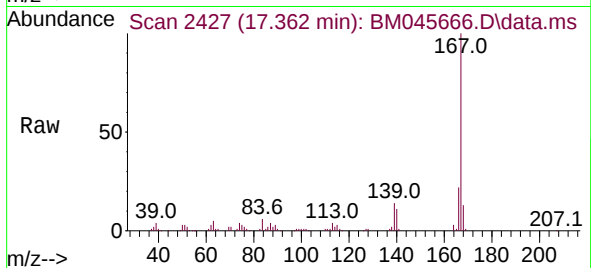
Tgt Ion:167 Resp: 141759

Ion Ratio Lower Upper

167 100

166 21.9 18.9 28.3

139 14.2 11.4 17.0



#74

Di-n-butylphthalate

Concen: 39.944 ng

RT: 17.927 min Scan# 2523

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

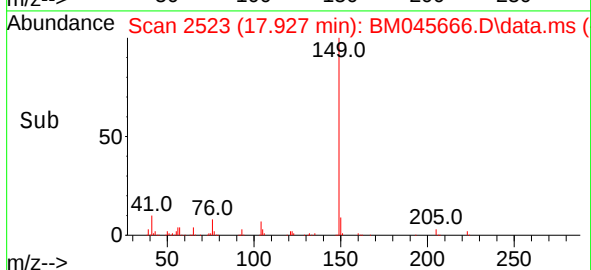
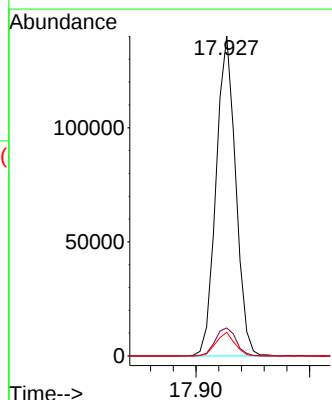
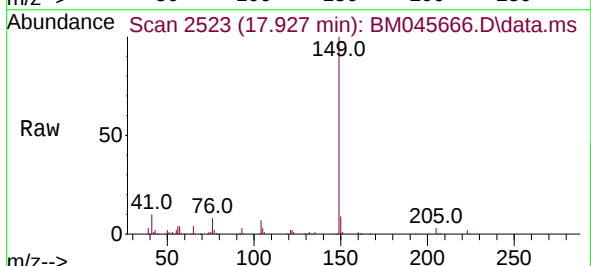
Tgt Ion:149 Resp: 167964

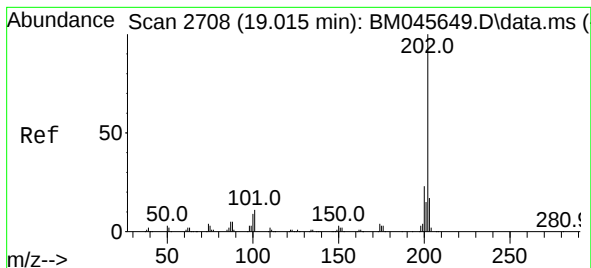
Ion Ratio Lower Upper

149 100

150 8.7 7.0 10.4

104 7.4 5.6 8.4





#75

Fluoranthene

Concen: 38.890 ng

RT: 19.015 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

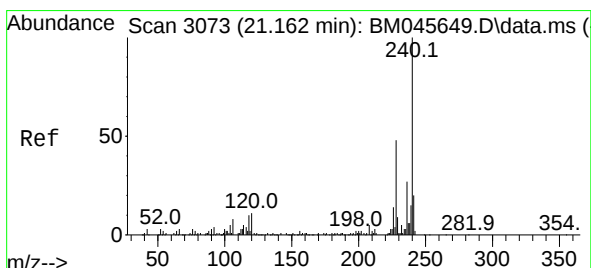
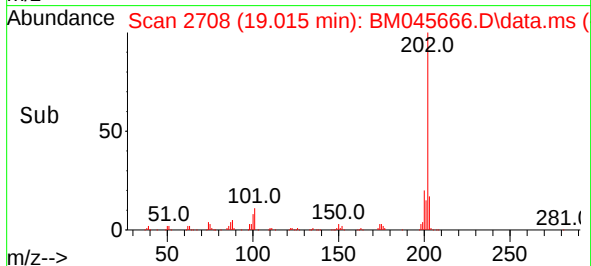
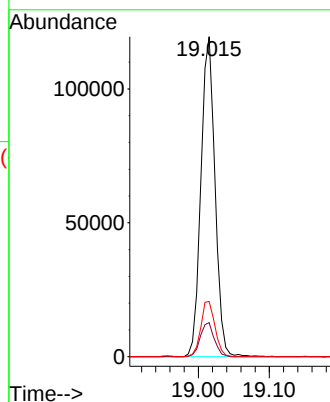
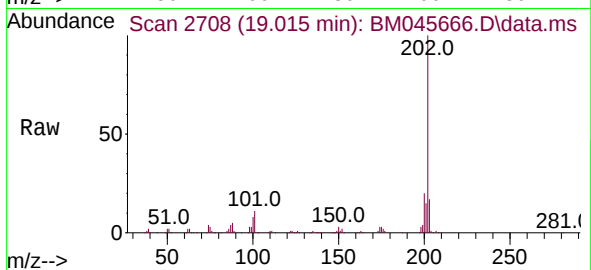
Tgt Ion:202 Resp: 165213

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.2

203 17.3 0.0 36.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.162 min Scan# 3073

Delta R.T. 0.000 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

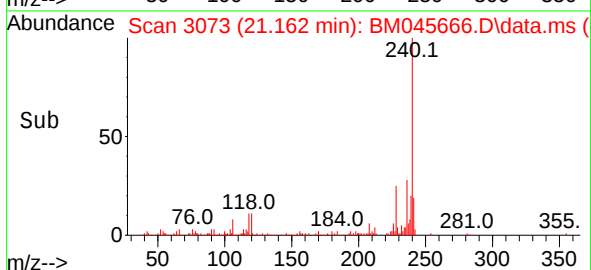
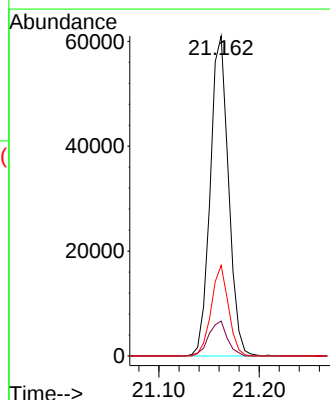
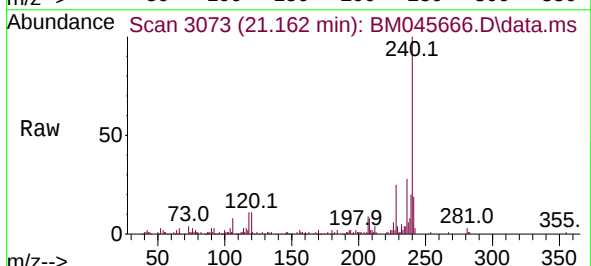
Tgt Ion:240 Resp: 77286

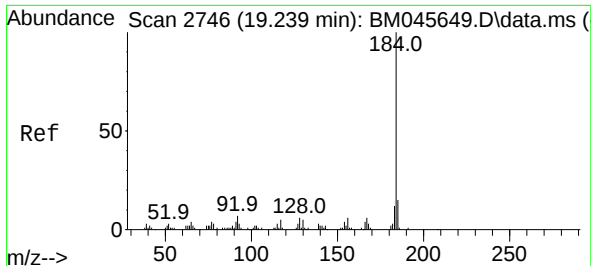
Ion Ratio Lower Upper

240 100

120 10.9 9.1 13.7

236 28.3 21.5 32.3





#77

Benzidine

Concen: 51.013 ng

RT: 19.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

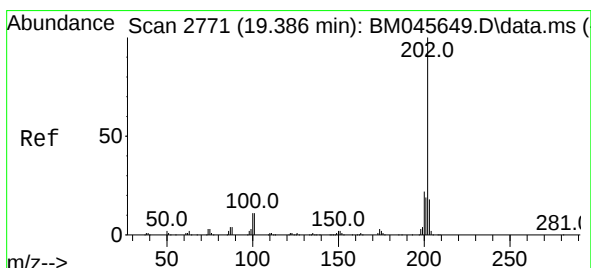
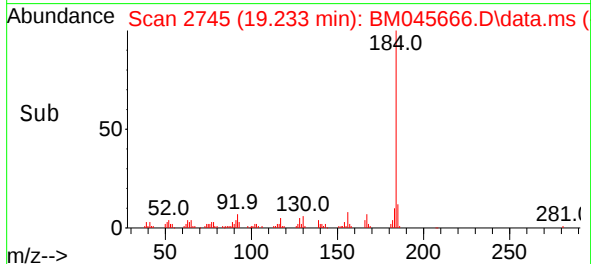
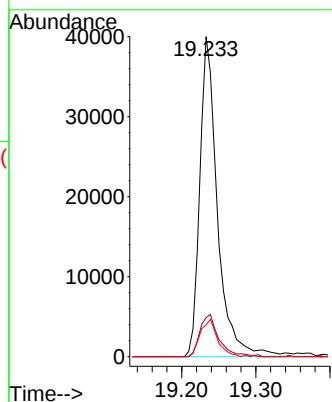
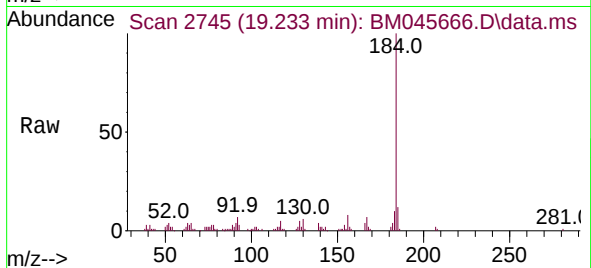
Tgt Ion:184 Resp: 66211

Ion Ratio Lower Upper

184 100

185 12.2 11.9 17.9

183 9.9 9.4 14.0



#78

Pyrene

Concen: 39.572 ng

RT: 19.380 min Scan# 2770

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

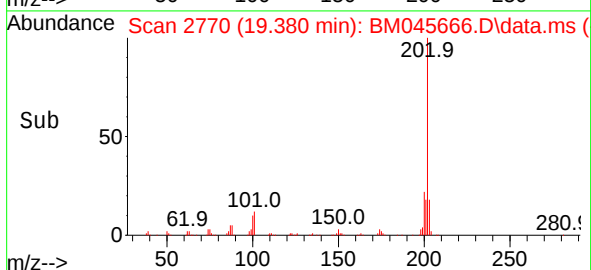
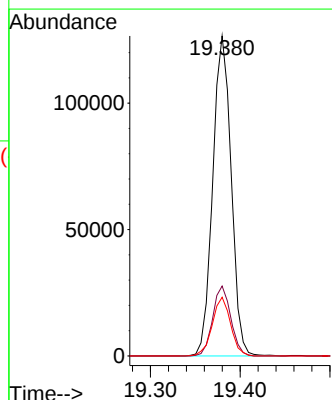
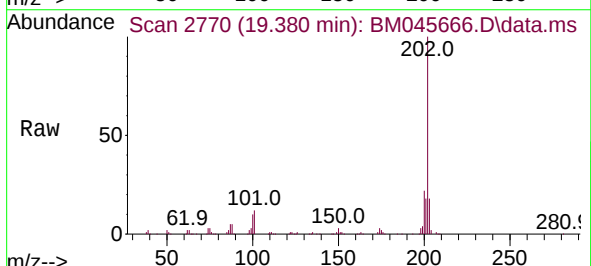
Tgt Ion:202 Resp: 180632

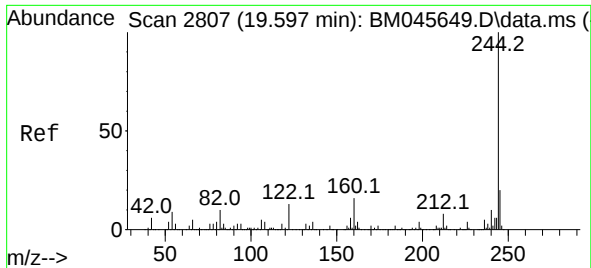
Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

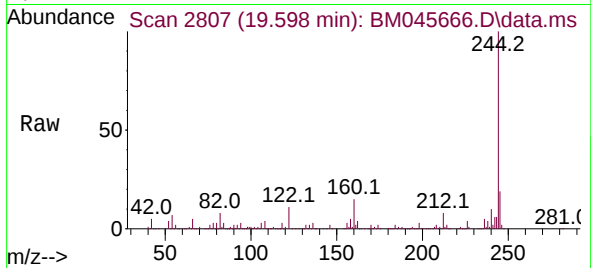
203 18.3 14.6 21.8



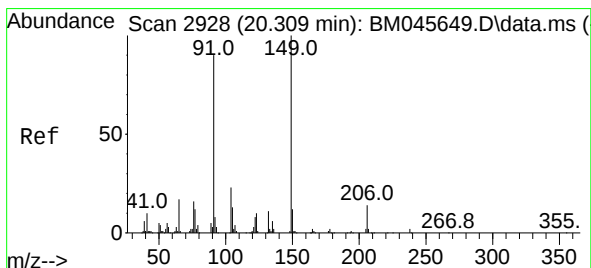
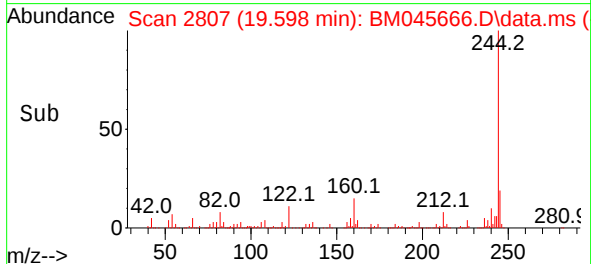
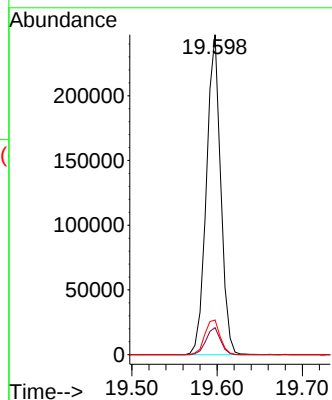


#79
 Terphenyl-d14
 Concen: 77.758 ng
 RT: 19.598 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM045666.D
 Acq: 02 May 2024 11:26

Instrument :
 BNA_M
 ClientSampleId :

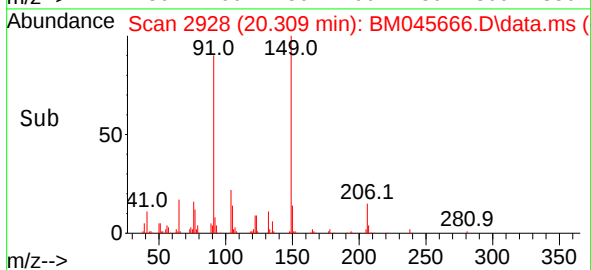
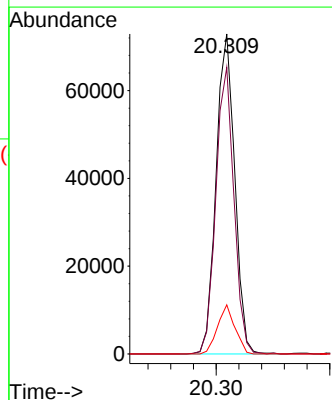
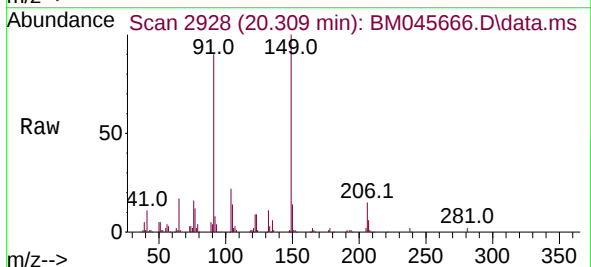


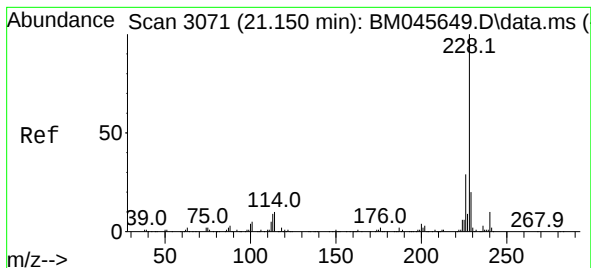
Tgt Ion:244 Resp: 287068
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 10.8 10.2 15.2



#80
 Butylbenzylphthalate
 Concen: 39.533 ng
 RT: 20.309 min Scan# 2928
 Delta R.T. 0.000 min
 Lab File: BM045666.D
 Acq: 02 May 2024 11:26

Tgt Ion:149 Resp: 83052
 Ion Ratio Lower Upper
 149 100
 91 89.6 71.6 107.4
 206 15.3 11.3 16.9





#81

Benzo(a)anthracene

Concen: 37.651 ng

RT: 21.144 min Scan# 3070

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

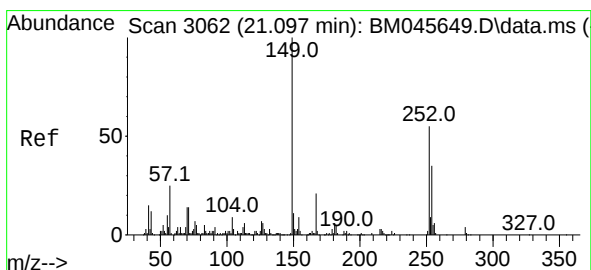
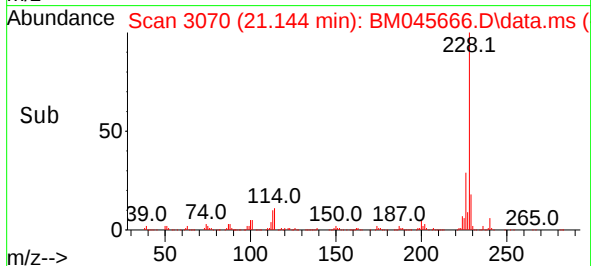
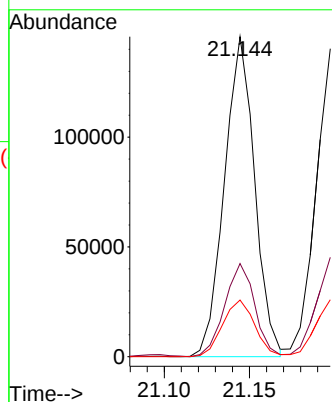
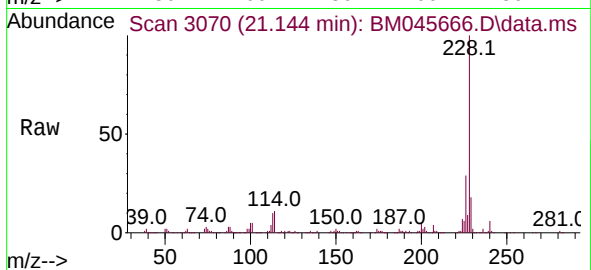
Tgt Ion:228 Resp: 179626

Ion Ratio Lower Upper

228 100

226 29.1 23.5 35.3

229 17.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 38.549 ng

RT: 21.092 min Scan# 3061

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

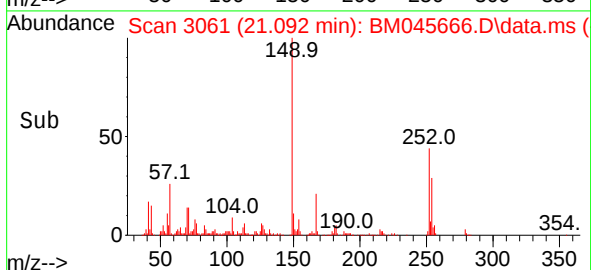
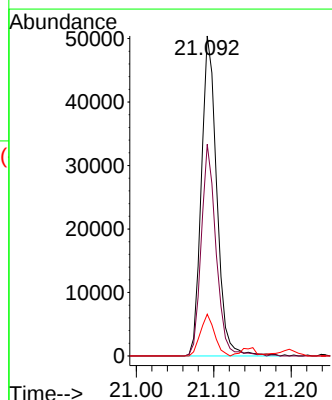
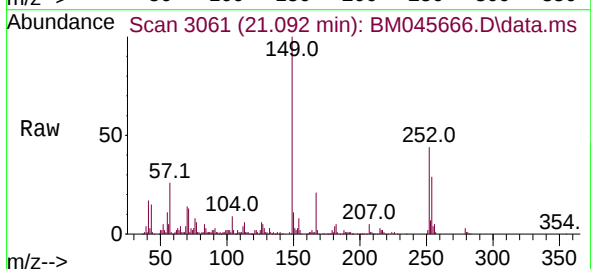
Tgt Ion:252 Resp: 69649

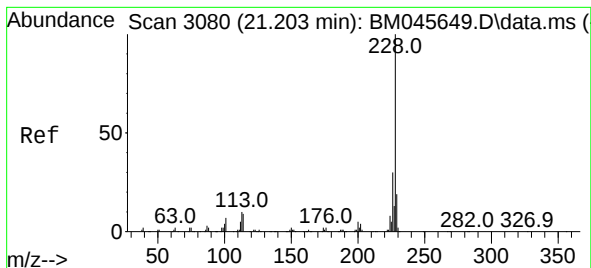
Ion Ratio Lower Upper

252 100

254 66.2 51.8 77.6

126 13.0 9.8 14.6





#83

Chrysene

Concen: 38.174 ng

RT: 21.197 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

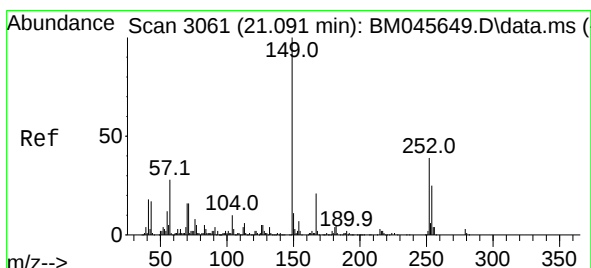
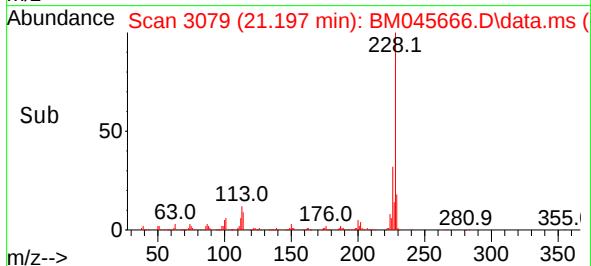
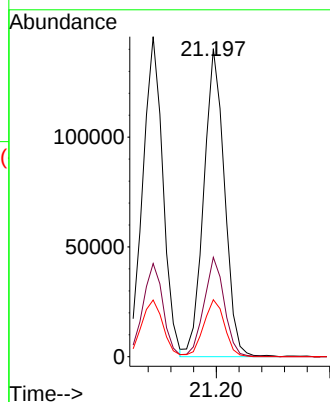
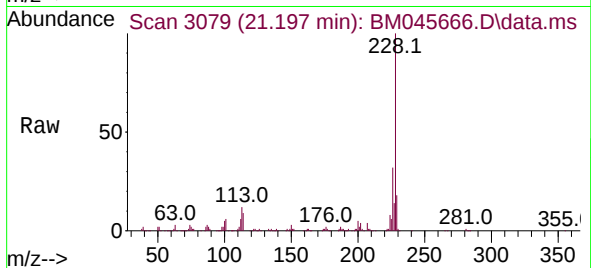
Tgt Ion:228 Resp: 177943

Ion Ratio Lower Upper

228 100

226 32.3 23.9 35.9

229 18.5 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.750 ng

RT: 21.092 min Scan# 3061

Delta R.T. 0.001 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

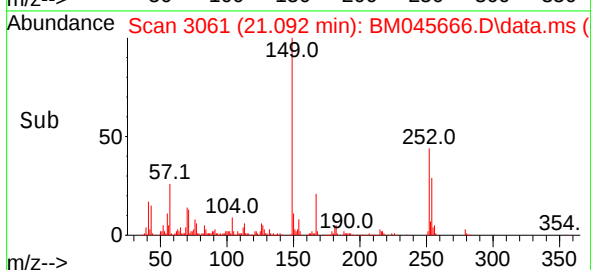
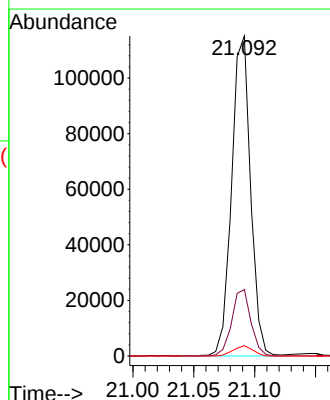
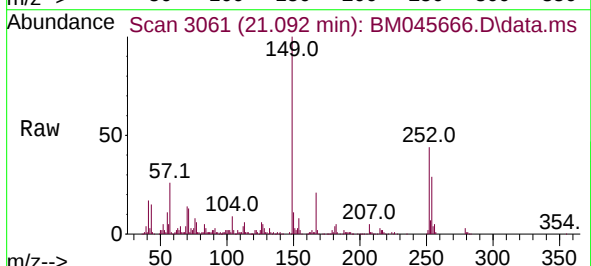
Tgt Ion:149 Resp: 124454

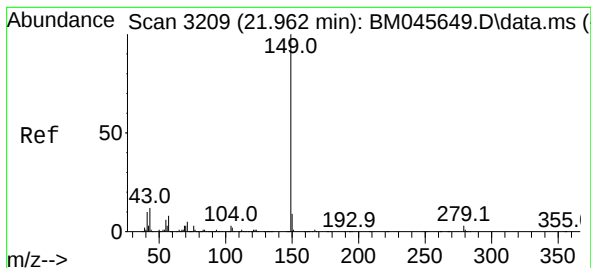
Ion Ratio Lower Upper

149 100

167 20.8 16.7 25.1

279 3.2 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 39.081 ng

RT: 21.962 min Scan# 3209

Delta R.T. 0.000 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

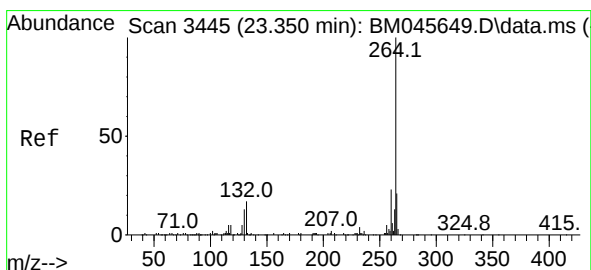
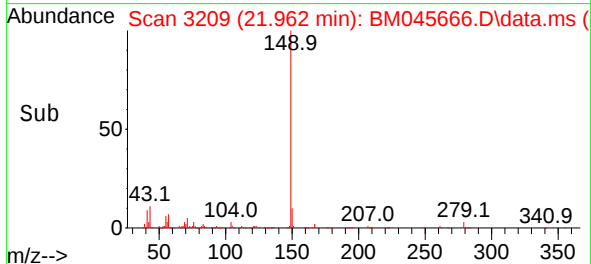
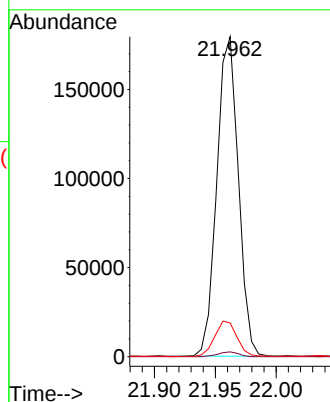
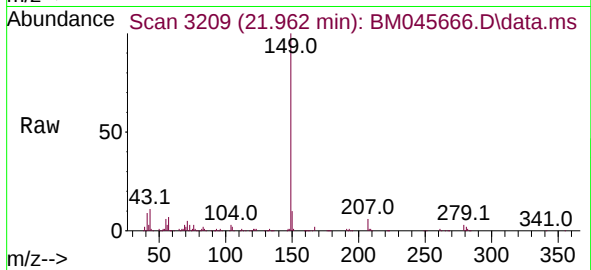
Tgt Ion:149 Resp: 220621

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

43 11.9 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.344 min Scan# 3444

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

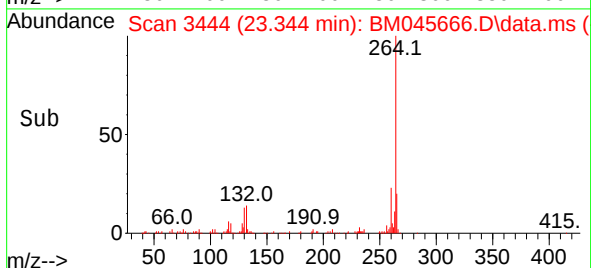
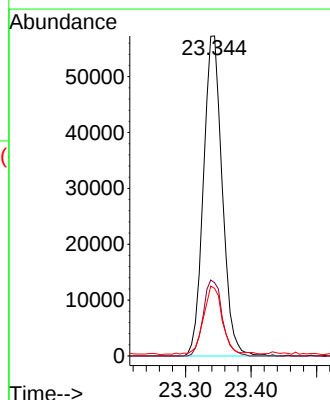
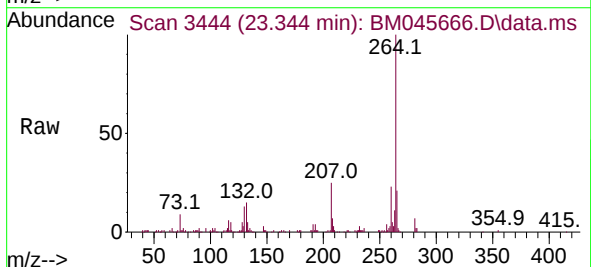
Tgt Ion:264 Resp: 114305

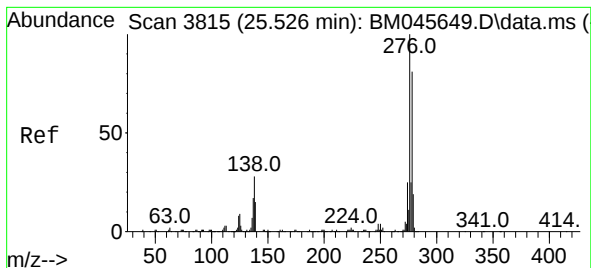
Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 21.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.012 ng

RT: 25.509 min Scan# 3815

Delta R.T. -0.018 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

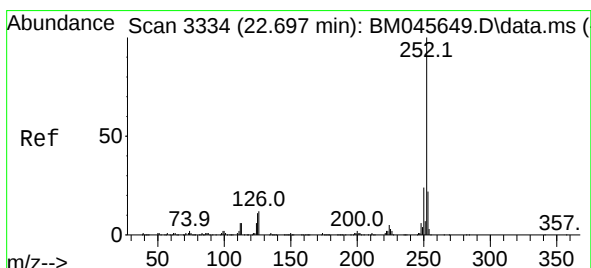
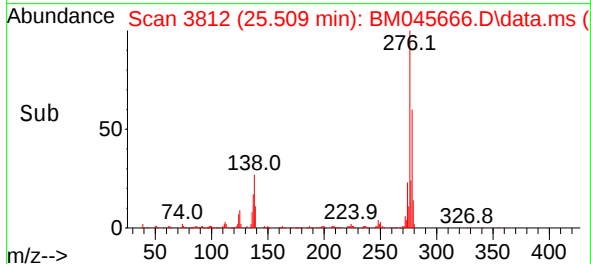
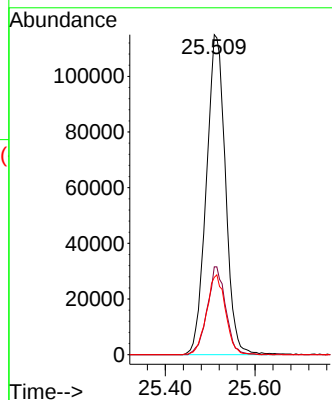
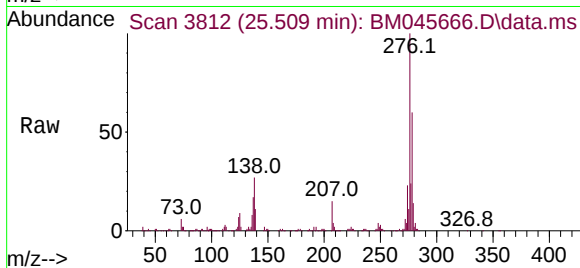
Tgt Ion:276 Resp: 340168

Ion Ratio Lower Upper

276 100

138 26.3 21.2 31.8

277 24.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 38.995 ng

RT: 22.691 min Scan# 3333

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

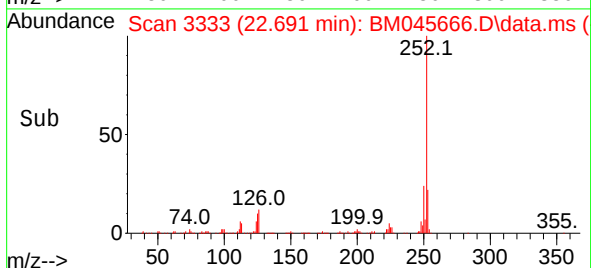
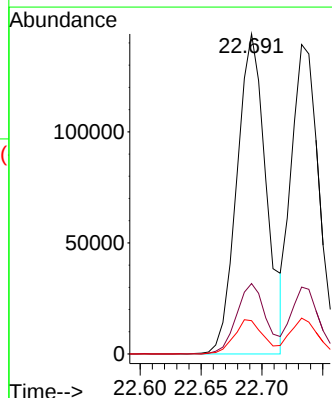
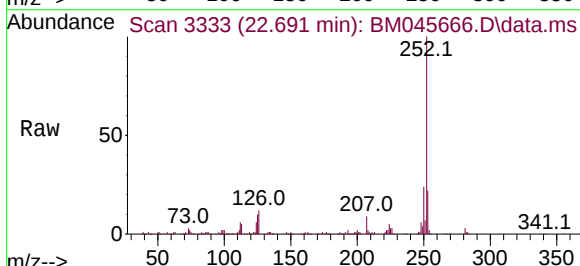
Tgt Ion:252 Resp: 242017

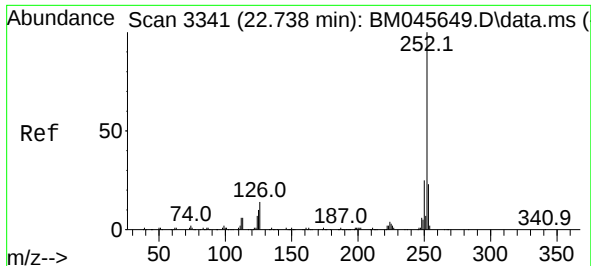
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.4 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 36.604 ng

RT: 22.733 min Scan# 341

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

Instrument :

BNA_M

ClientSampleId :

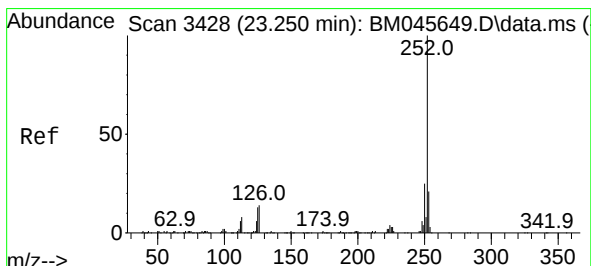
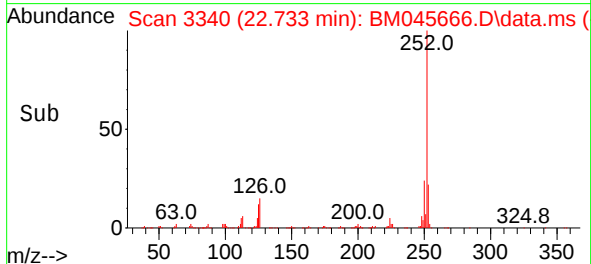
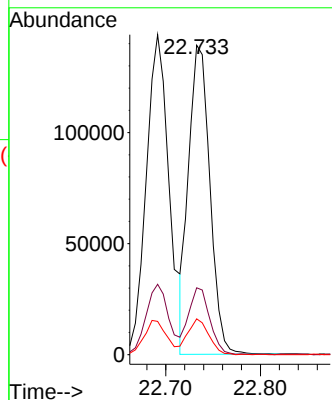
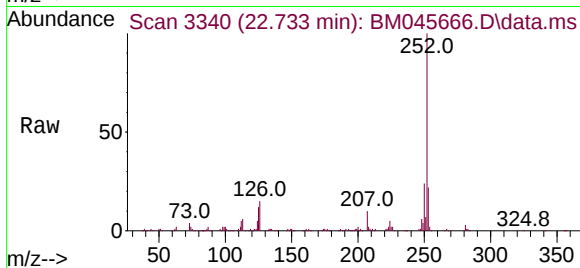
Tgt Ion:252 Resp: 217458

Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

125 11.6 8.0 12.0



#90

Benzo(a)pyrene

Concen: 39.448 ng

RT: 23.244 min Scan# 3427

Delta R.T. -0.006 min

Lab File: BM045666.D

Acq: 02 May 2024 11:26

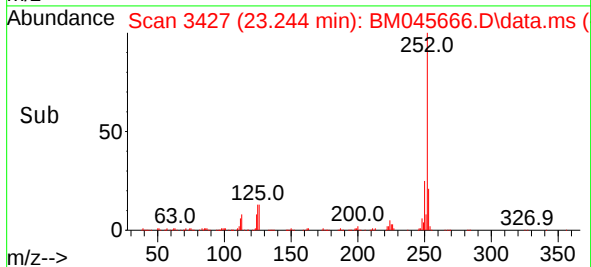
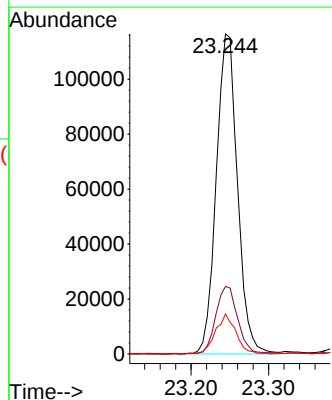
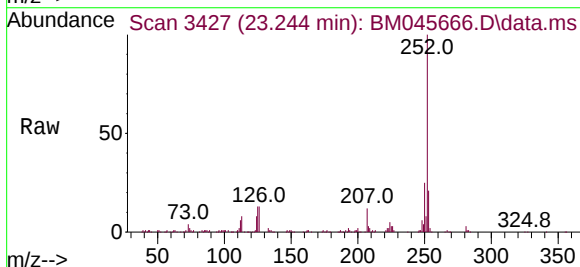
Tgt Ion:252 Resp: 221549

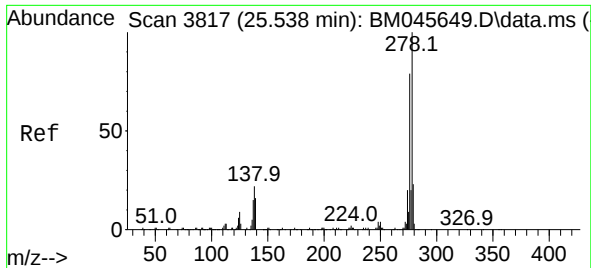
Ion Ratio Lower Upper

252 100

253 21.1 17.2 25.8

125 12.5 10.6 16.0

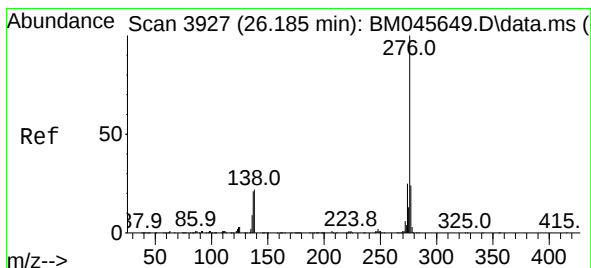
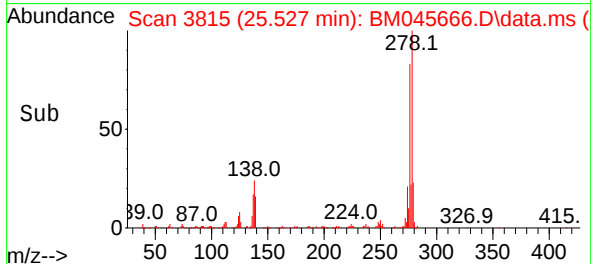
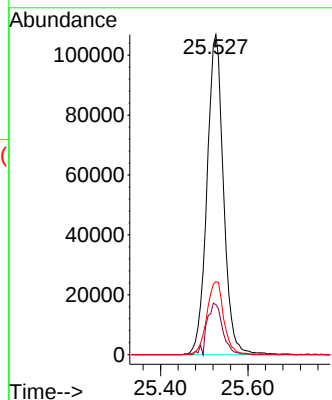
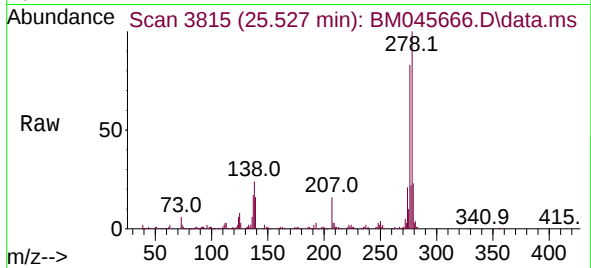




#91
 Dibenzo(a,h)anthracene
 Concen: 38.851 ng
 RT: 25.527 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BM045666.D
 Acq: 02 May 2024 11:26

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 280663
 Ion Ratio Lower Upper
 278 100
 139 15.7 13.0 19.4
 279 22.8 18.4 27.6



#92
 Benzo(g,h,i)perylene
 Concen: 40.065 ng
 RT: 26.174 min Scan# 3925
 Delta R.T. -0.012 min
 Lab File: BM045666.D
 Acq: 02 May 2024 11:26

Tgt Ion:276 Resp: 294199
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.0 28.4
 138 21.7 17.3 25.9

