

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092824\
 Data File : BM047690.D
 Acq On : 28 Sep 2024 14:03
 Operator : RC/JU
 Sample : P3910-19ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDC65ME

Quant Time: Sep 29 00:39:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	176731	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	758232	20.000	ng/ul #	0.00
38) Acenaphthene-d10	14.451	164	457304	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	885820	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	843558	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	979410	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	30433	5.565	ng/uL	0.00
4) Pyridine-d5	3.675	84	455341	28.436	ng/ul	0.00
7) Phenol-d5	6.981	99	565113	33.816	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	389733	32.865	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	428080	35.208	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	470826	37.893	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	201914	33.446	ng/ul	0.00
24) 2-Nitrophenol-d4	9.692	143	202716	35.040	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	388199	33.590	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	595344	33.321	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	1166573	35.186	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1407499	35.805	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	204712	31.012	ng/ul	0.00
60) Fluorene-d10	15.439	176	1018478	35.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	90281	17.416	ng/ul	0.00
73) Anthracene-d10	17.286	188	1556068	35.725	ng/ul	0.00
81) Pyrene-d10	19.568	212	1830524	38.235	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.209	264	1884958	37.094	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.969	77	64107	7.054	ng/ul#	1
16) Acetophenone	8.628	105	735520	34.596	ng/ul#	29
17) N-Nitroso-di-n-propyla...	8.640	70	17700	1.572	ng/ul#	71
19) Hexachloroethane	8.928	117	96769	16.714	ng/ul#	12
23) Isophorone	9.540	82	135847	4.428	ng/ul#	66
29) 2,4-Dichlorophenol	10.257	162	12057	1.010	ng/ul#	60
30) Naphthalene	10.657	128	418591	9.598	ng/ul	96
34) Caprolactam	11.539	113	10539	2.761	ng/ul#	1
36) 2-Methylnaphthalene	12.275	142	617816	22.294	ng/ul	99
37) 1-Methylnaphthalene	12.492	142	362808	12.868	ng/ul	100
41) 2,4,6-Trichlorophenol	12.880	196	9959	1.156	ng/ul	98
43) 1,1'-Biphenyl	13.280	154	68022	1.858	ng/ul#	88
45) 2-Nitroaniline	13.504	65	15497	1.724	ng/ul#	1
48) 2,6-Dinitrotoluene	13.998	165	14464	2.453	ng/ul#	75
55) 4-Nitrophenol	14.651	109	10126	1.827	ng/ul#	29
58) 2,3,4,6-Tetrachlorophenol	15.074	232	1422572	191.609	ng/ul	99
61) Fluorene	15.492	166	43801	1.245	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.563	198	9243	1.609	ng/ul#	1
67) N-Nitrosodiphenylamine	15.710	169	64162	2.324	ng/ul#	49
71) Pentachlorophenol	16.874	266	10864886	1608.004	ng/ul	99
72) Phenanthrene	17.233	178	186279	3.586	ng/ul#	95

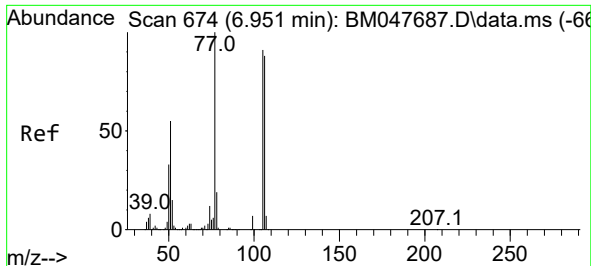
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Instrument :

BNA_M

ClientSampleId :

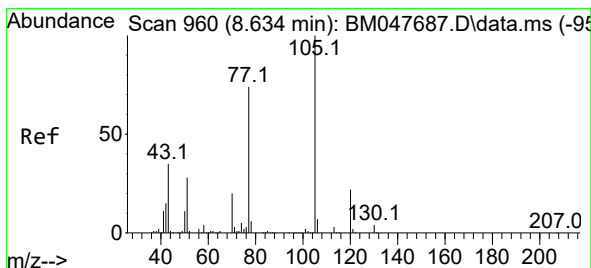
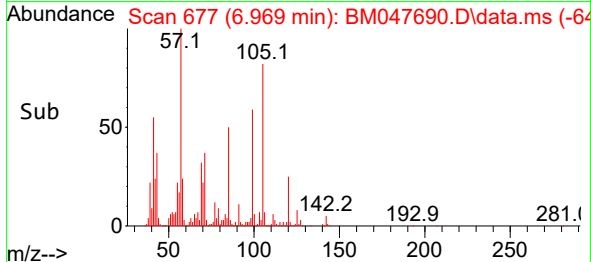
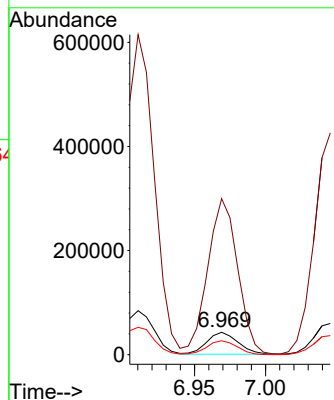
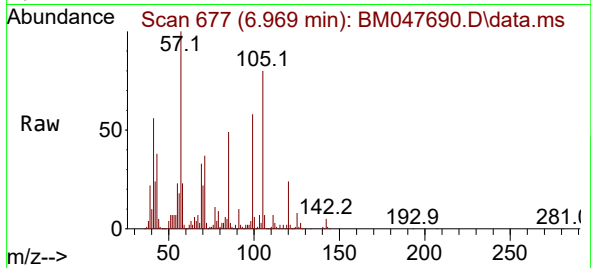
DDC65ME



#6
Benzaldehyde
Concen: 7.054 ng/ul
RT: 6.969 min Scan# 61
Delta R.T. 0.018 min
Lab File: BM047690.D
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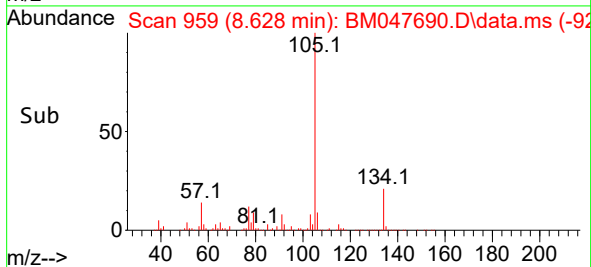
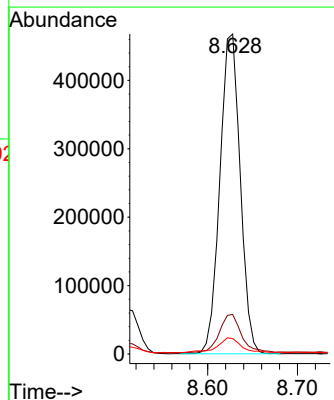
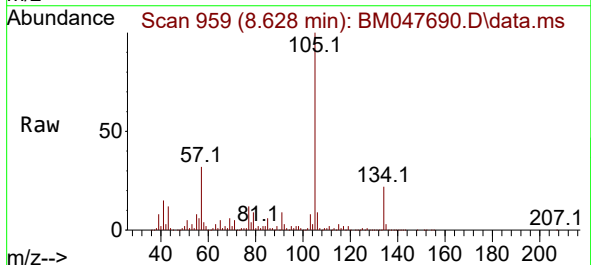
Instrument :
BNA_M
ClientSampleId :
DDC65ME

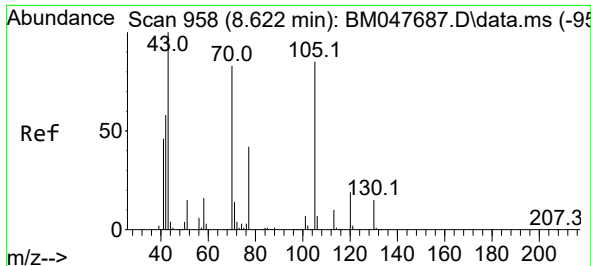
Tgt Ion: 77 Resp: 64107
Ion Ratio Lower Upper
77 100
105 697.5 72.2 108.2#
106 62.1 70.7 106.1#



#16
Acetophenone
Concen: 34.596 ng/ul
RT: 8.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03

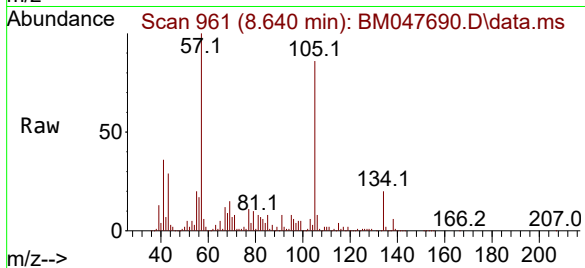
Tgt Ion: 105 Resp: 735520
Ion Ratio Lower Upper
105 100
77 12.3 66.6 100.0#
51 4.8 27.0 40.4#



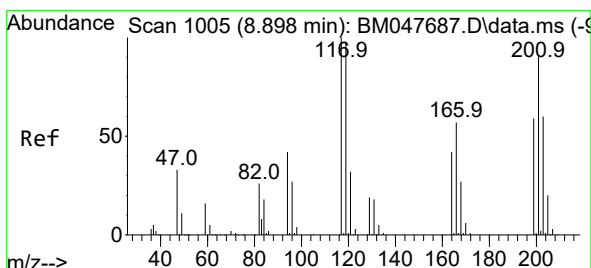
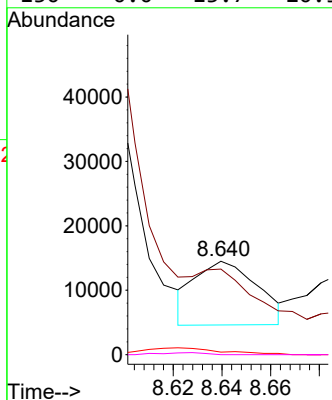
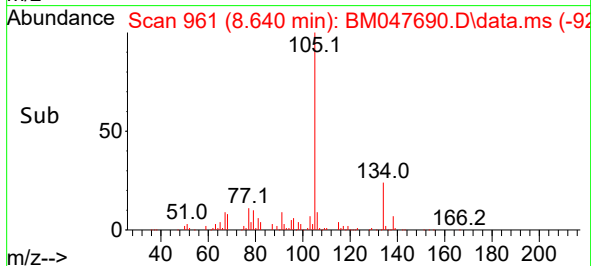


#17
N-Nitroso-di-n-propylamine
Concen: 1.572 ng/ul
RT: 8.640 min Scan# 90
Delta R.T. 0.018 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03

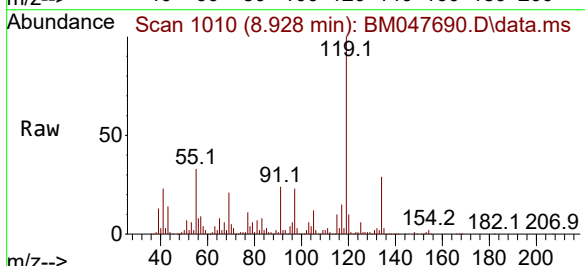
Instrument :
BNA_M
ClientSampleId :
DDC65ME



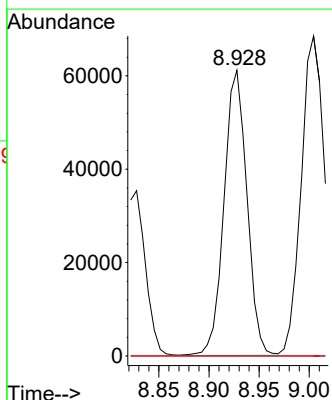
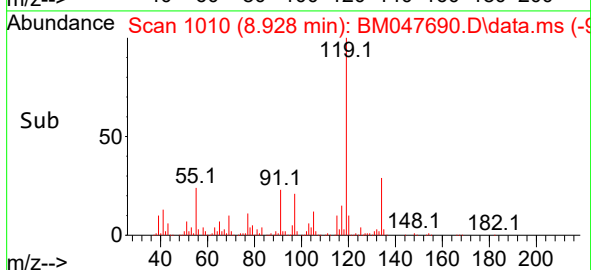
Tgt Ion: 70 Resp: 17700
Ion Ratio Lower Upper
70 100
42 91.7 55.3 82.9#
101 2.7 6.8 10.2#
130 0.0 13.7 20.5#

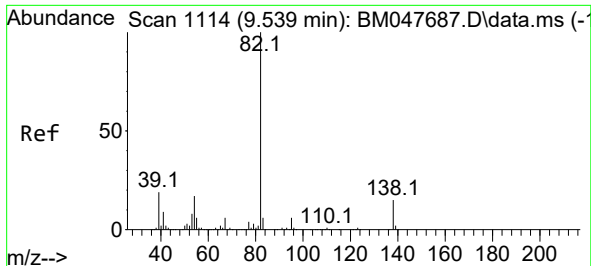


#19
Hexachloroethane
Concen: 16.714 ng/ul
RT: 8.928 min Scan# 1010
Delta R.T. 0.029 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03



Tgt Ion: 117 Resp: 96769
Ion Ratio Lower Upper
117 100
201 0.0 71.0 106.6#
199 0.0 44.2 66.4#

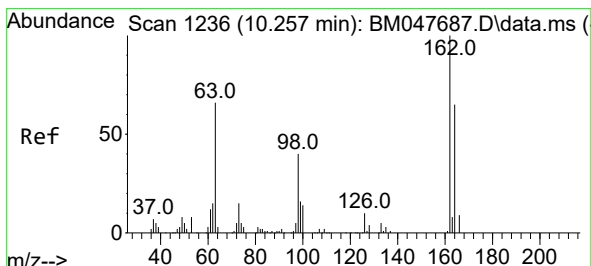
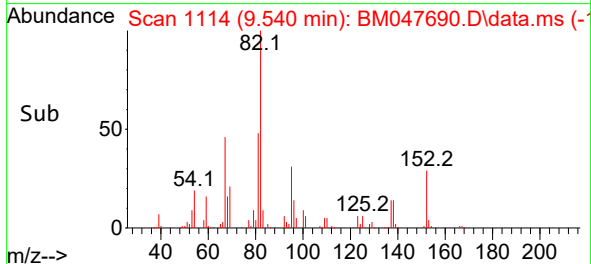
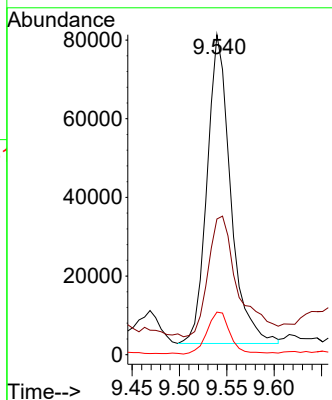
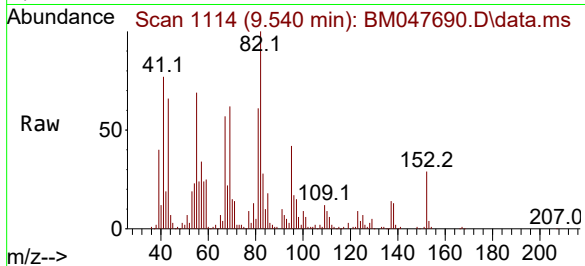




#23
Isophorone
Concen: 4.428 ng/ul
RT: 9.540 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03

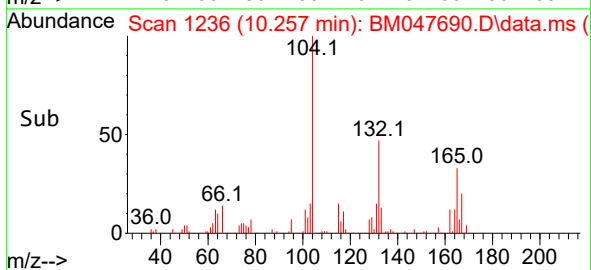
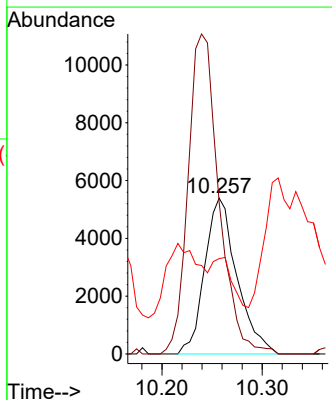
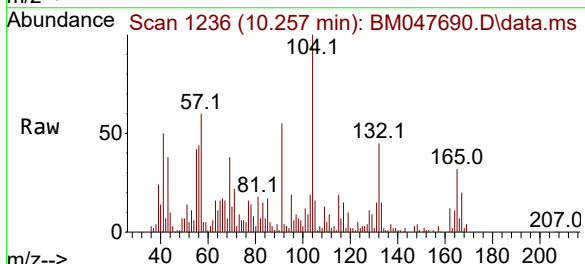
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ClientSampleId :
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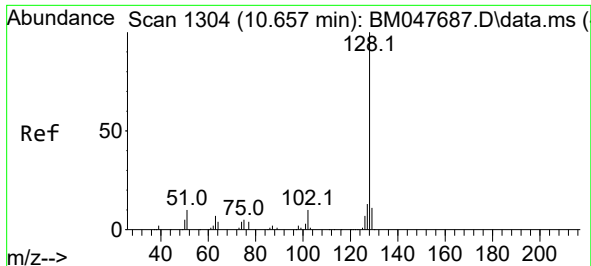
Tgt Ion: 82 Resp: 135847
Ion Ratio Lower Upper
82 100
95 42.4 4.9 7.3#
138 13.3 12.0 18.0



#29
2,4-Dichlorophenol
Concen: 1.010 ng/ul
RT: 10.257 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03

Tgt Ion: 162 Resp: 12057
Ion Ratio Lower Upper
162 100
164 97.3 52.2 78.2#
98 61.3 30.6 46.0#

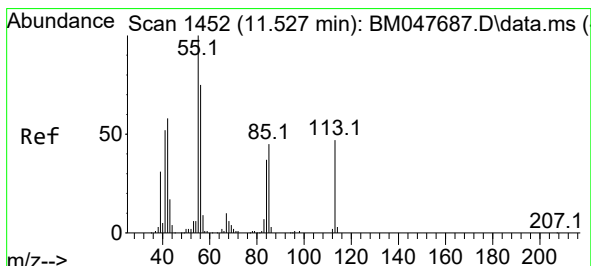
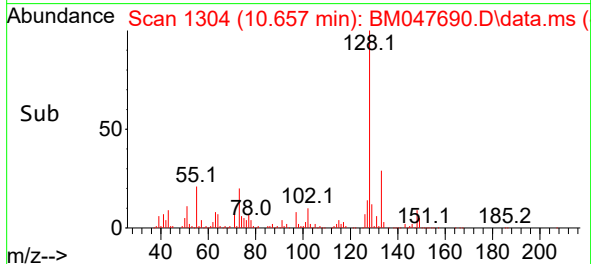
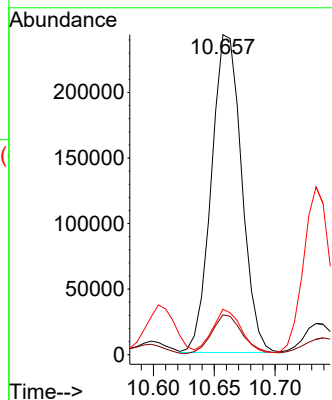
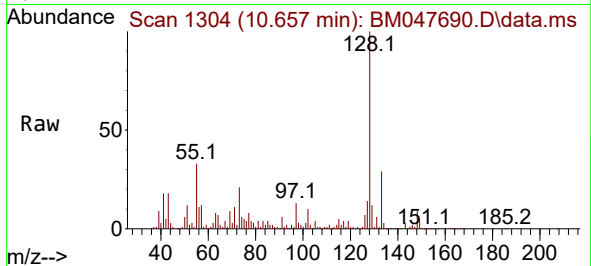




#30
Naphthalene
Concen: 9.598 ng/ul
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03

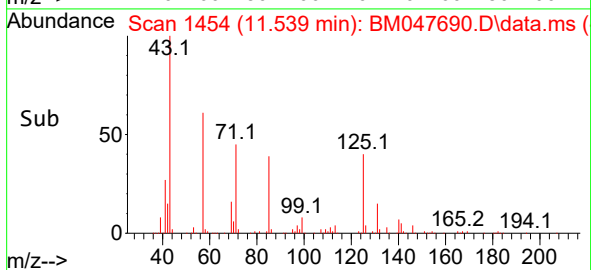
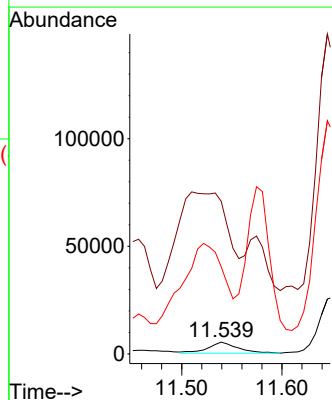
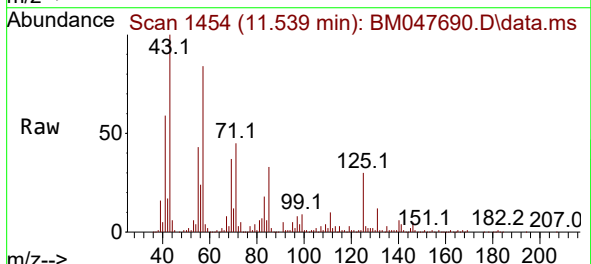
Instrument :
BNA_M
ClientSampleId :
DDC65ME

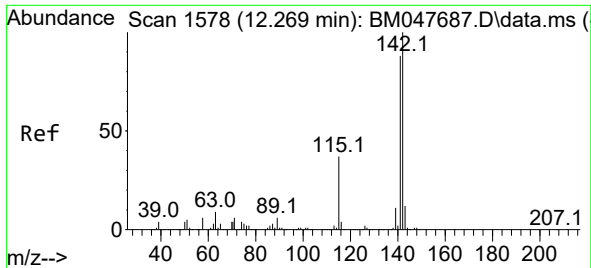
Tgt Ion:128 Resp: 418591
Ion Ratio Lower Upper
128 100
129 12.4 8.6 12.8
127 14.2 10.4 15.6



#34
Caprolactam
Concen: 2.761 ng/ul
RT: 11.539 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03

Tgt Ion:113 Resp: 10539
Ion Ratio Lower Upper
113 100
55 1294.6 167.9 251.9#
56 740.1 131.3 196.9#

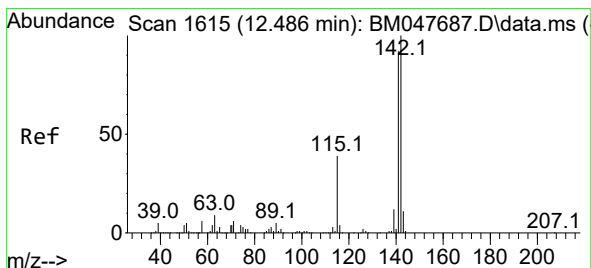
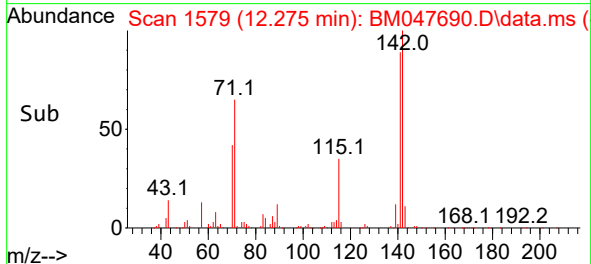
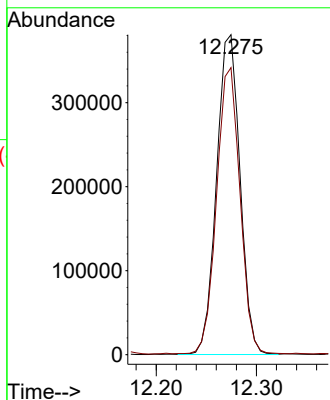
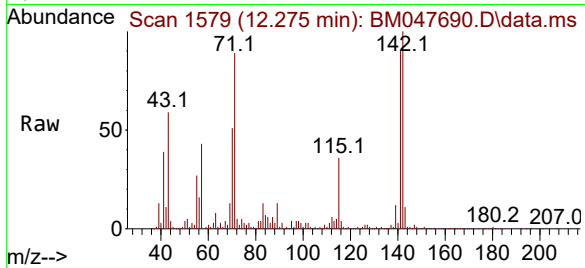




#36
2-Methylnaphthalene
Concen: 22.294 ng/ul
RT: 12.275 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03

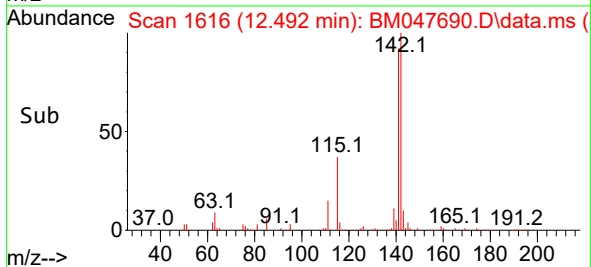
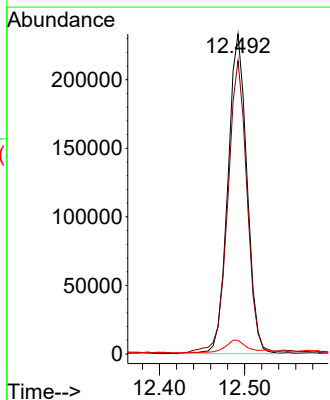
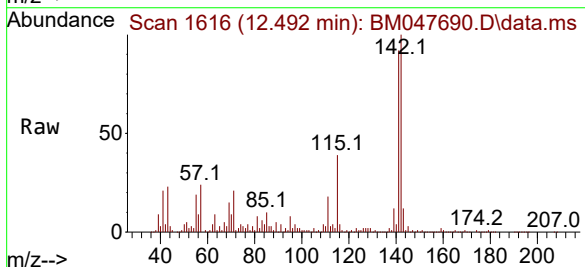
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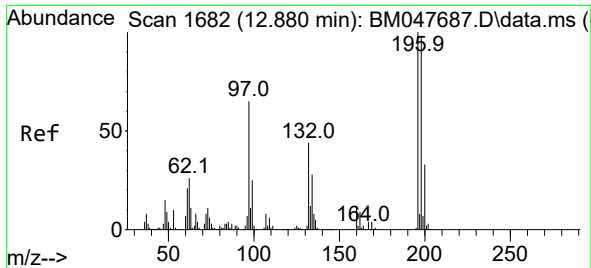
Tgt Ion:142 Resp: 617816
Ion Ratio Lower Upper
142 100
141 89.7 72.5 108.7



#37
1-Methylnaphthalene
Concen: 12.868 ng/ul
RT: 12.492 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03

Tgt Ion:142 Resp: 362808
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2
116 4.3 3.0 4.6

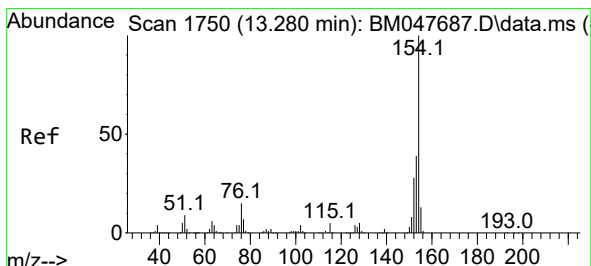
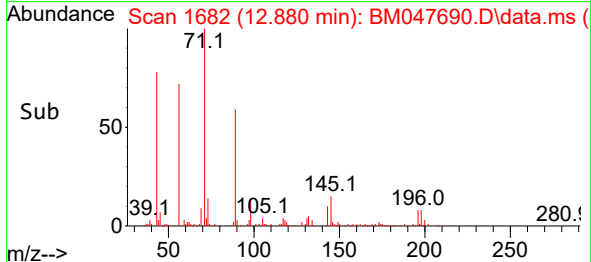
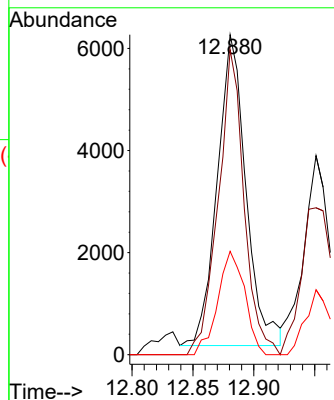
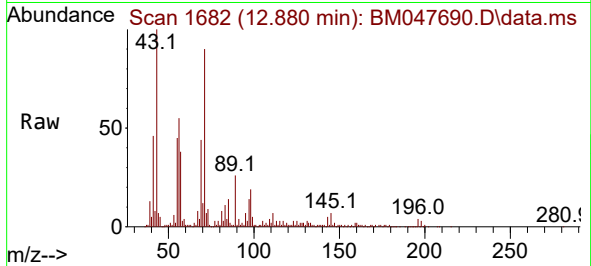




#41
2,4,6-Trichlorophenol
Concen: 1.156 ng/ul
RT: 12.880 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03

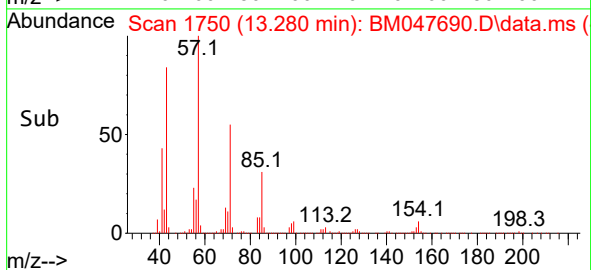
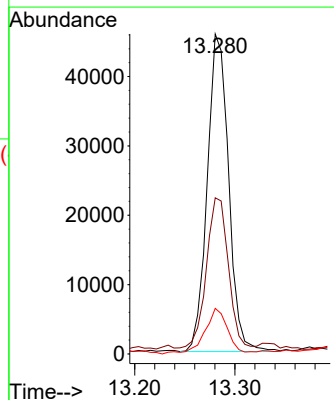
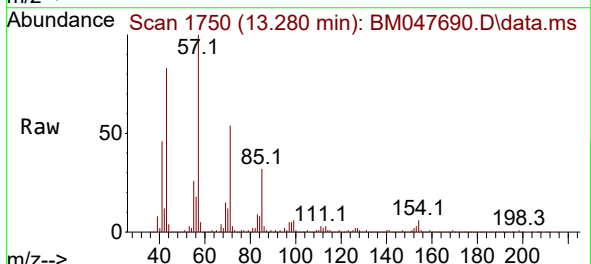
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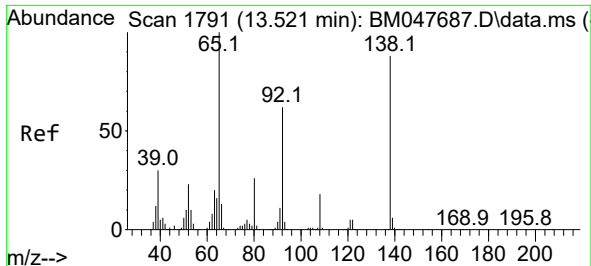
Tgt Ion:196 Resp: 9959
Ion Ratio Lower Upper
196 100
198 95.3 77.1 115.7
200 32.3 24.5 36.7



#43
1,1'-Biphenyl
Concen: 1.858 ng/ul
RT: 13.280 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03

Tgt Ion:154 Resp: 68022
Ion Ratio Lower Upper
154 100
153 48.8 31.1 46.7#
76 14.2 12.1 18.1

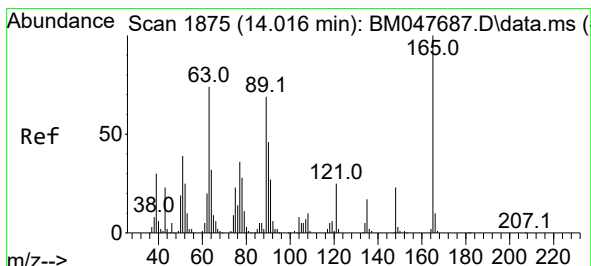
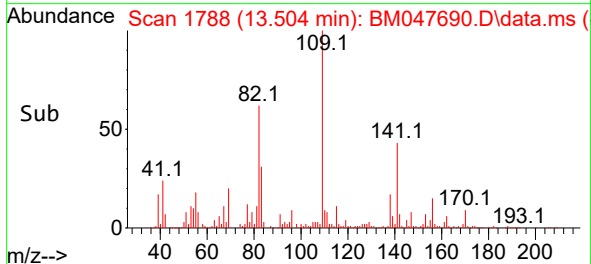
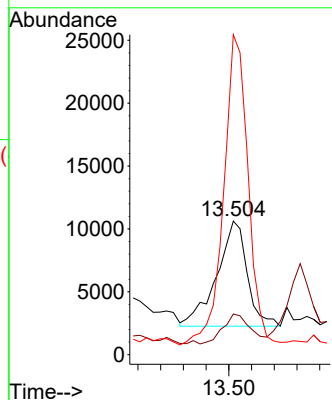
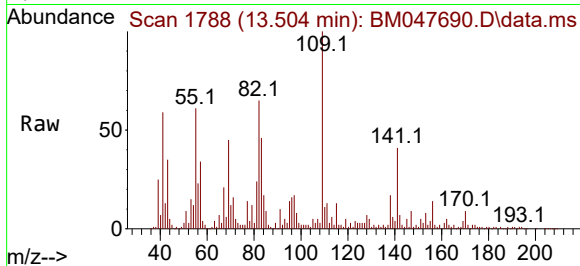




#45
2-Nitroaniline
Concen: 1.724 ng/ul
RT: 13.504 min Scan# 1791
Delta R.T. -0.018 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03

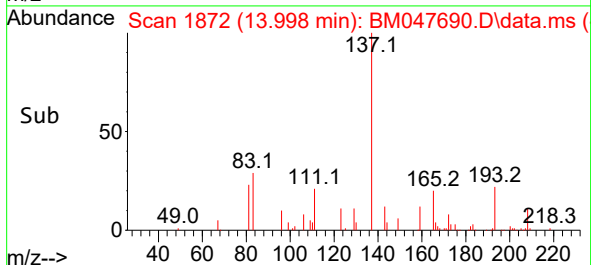
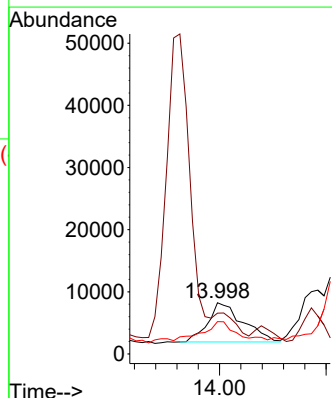
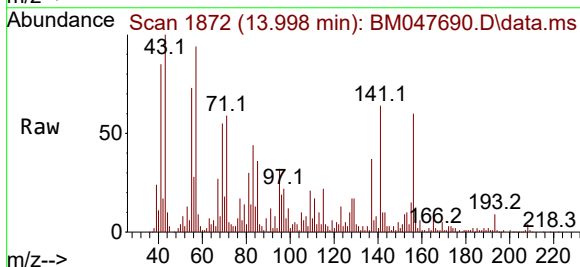
Instrument :
BNA_M
ClientSampleId :
DDC65ME

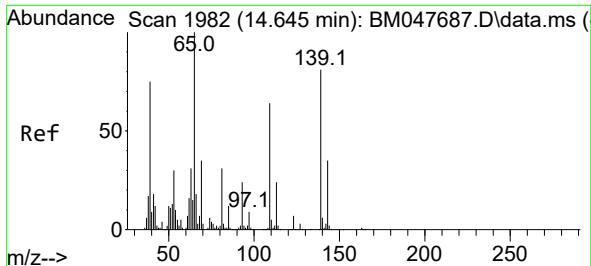
Tgt Ion: 65 Resp: 15497
Ion Ratio Lower Upper
65 100
92 30.4 49.1 73.7#
138 239.5 67.6 101.4#



#48
2,6-Dinitrotoluene
Concen: 2.453 ng/ul
RT: 13.998 min Scan# 1872
Delta R.T. -0.018 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03

Tgt Ion:165 Resp: 14464
Ion Ratio Lower Upper
165 100
89 79.6 58.5 87.7
121 63.2 20.2 30.2#

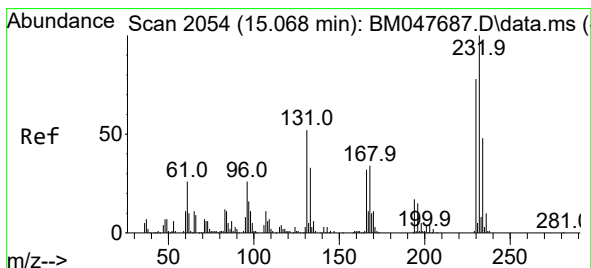
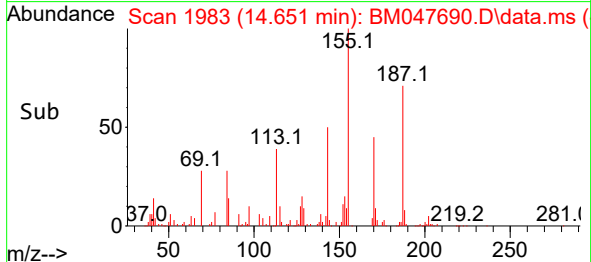
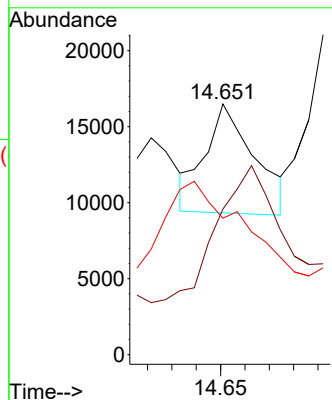
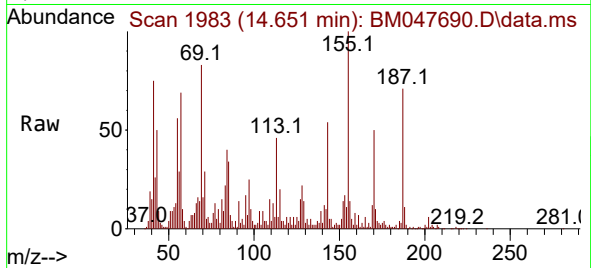




#55
4-Nitrophenol
Concen: 1.827 ng/ul
RT: 14.651 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03

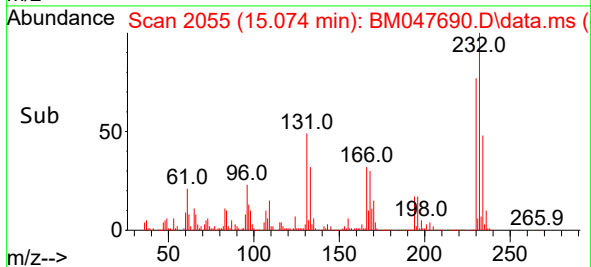
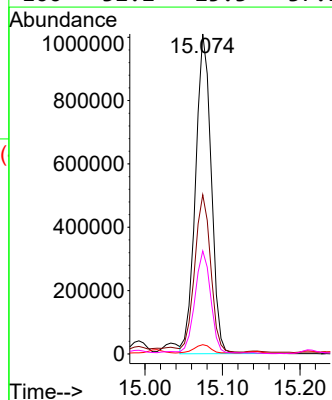
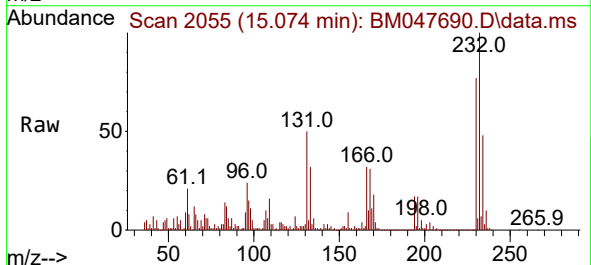
Instrument :
BNA_M
ClientSampleId :
DDC65ME

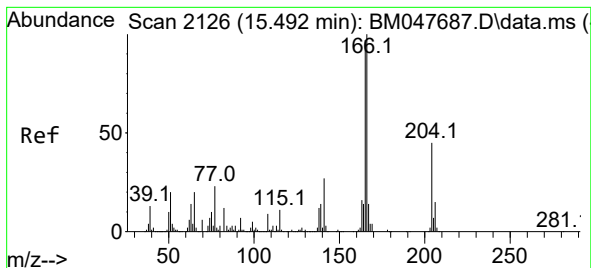
Tgt Ion:109 Resp: 10126
Ion Ratio Lower Upper
109 100
139 58.1 105.7 158.5#
65 54.5 123.1 184.7#



#58
2,3,4,6-Tetrachlorophenol
Concen: 191.609 ng/ul
RT: 15.074 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BM047690.D
Acq: 28 Sep 2024 14:03

Tgt Ion:232 Resp: 1422572
Ion Ratio Lower Upper
232 100
131 49.8 40.2 60.4
130 2.9 2.6 4.0
166 32.2 25.3 37.9





#61

Fluorene

Concen: 1.245 ng/ul

RT: 15.492 min Scan# 2126

Delta R.T. -0.000 min

Lab File: BM047690.D

Acq: 28 Sep 2024 14:03

Instrument :

BNA_M

ClientSampleId :

DDC65ME

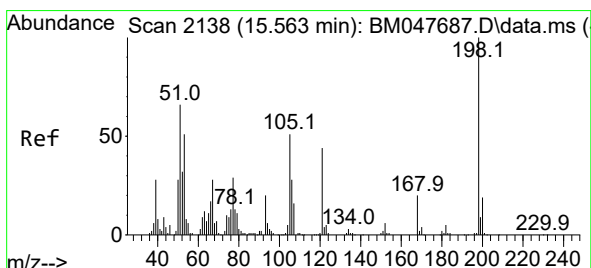
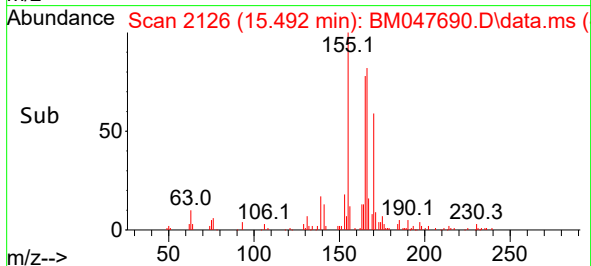
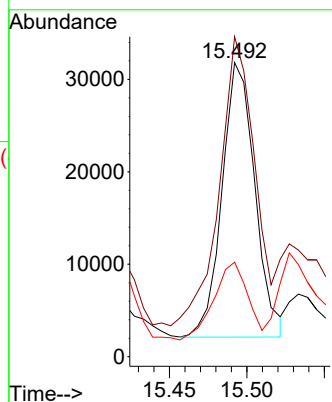
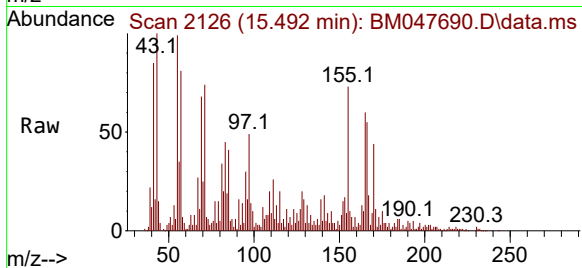
Tgt Ion:166 Resp: 43801

Ion Ratio Lower Upper

166 100

165 108.8 77.8 116.6

167 32.1 10.8 16.2#



#66

4,6-Dinitro-2-methylphenol

Concen: 1.609 ng/ul

RT: 15.563 min Scan# 2138

Delta R.T. -0.000 min

Lab File: BM047690.D

Acq: 28 Sep 2024 14:03

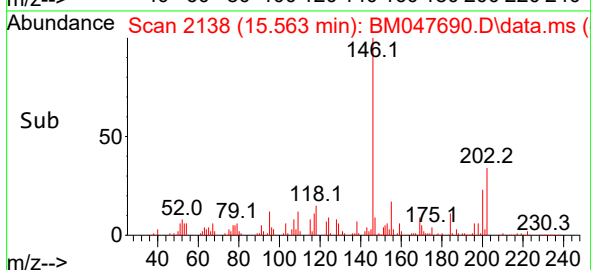
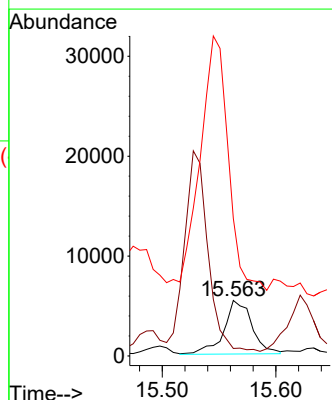
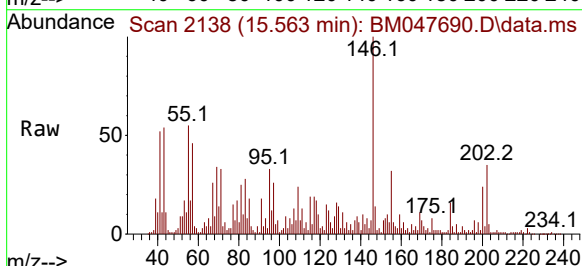
Tgt Ion:198 Resp: 9243

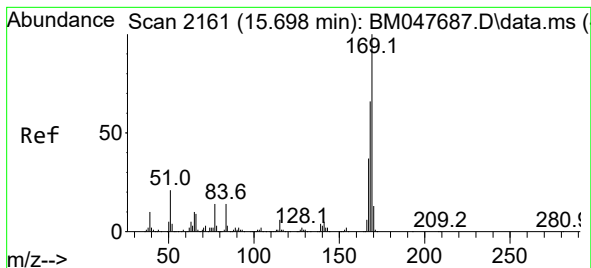
Ion Ratio Lower Upper

198 100

182 13.5 5.1 7.7#

77 247.9 26.2 39.2#





#67

N-Nitrosodiphenylamine

Concen: 2.324 ng/ul

RT: 15.710 min Scan# 2163

Delta R.T. 0.012 min

Lab File: BM047690.D

Acq: 28 Sep 2024 14:03

Instrument :

BNA_M

ClientSampleId :

DDC65ME

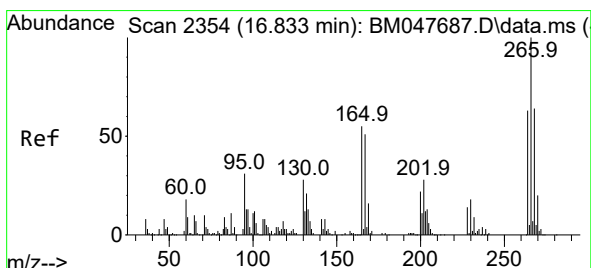
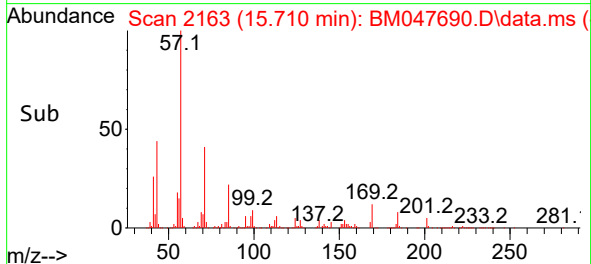
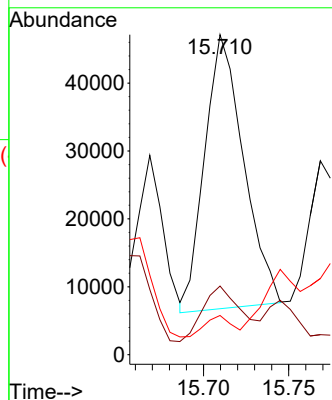
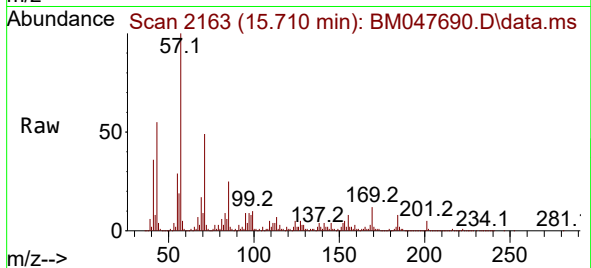
Tgt Ion:169 Resp: 64162

Ion Ratio Lower Upper

169 100

168 21.5 53.5 80.3#

167 12.3 30.0 45.0#



#71

Pentachlorophenol

Concen: 1608.004 ng/ul

RT: 16.874 min Scan# 2361

Delta R.T. 0.035 min

Lab File: BM047690.D

Acq: 28 Sep 2024 14:03

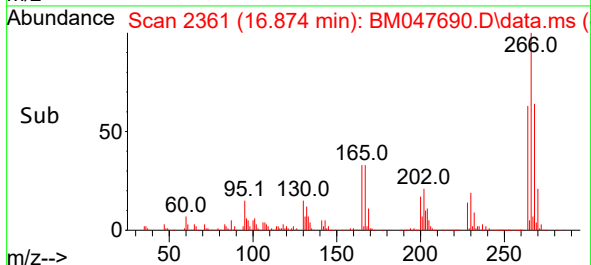
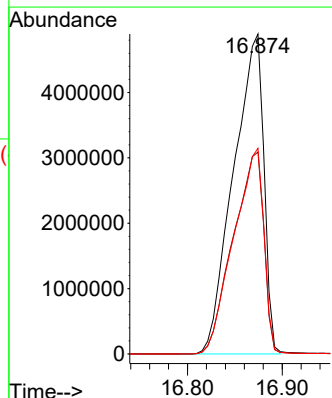
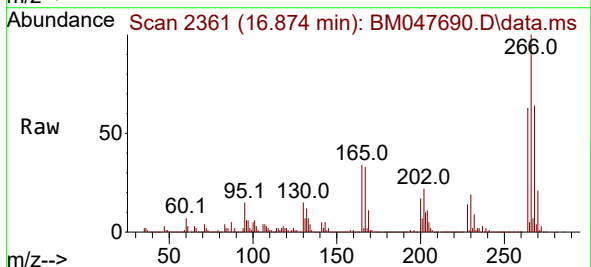
Tgt Ion:266 Resp:10864886

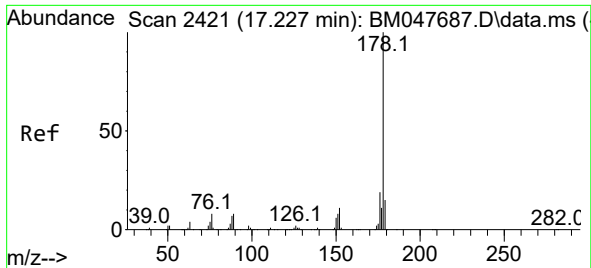
Ion Ratio Lower Upper

266 100

264 63.1 50.2 75.2

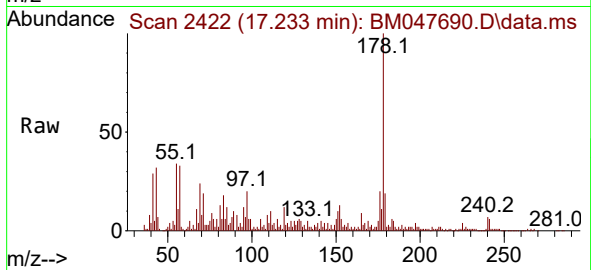
268 64.2 50.9 76.3





#72
 Phenanthrene
 Concen: 3.586 ng/ul
 RT: 17.233 min Scan# 2422
 Delta R.T. 0.006 min
 Lab File: BM047690.D
 Acq: 28 Sep 2024 14:03

Instrument :
 BNA_M
 ClientSampleId :
 DDC65ME



Tgt Ion:178 Resp: 186279
 Ion Ratio Lower Upper
 178 100
 179 18.8 12.0 18.0#
 176 20.2 15.4 23.0

