

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092824\
 Data File : BM047700.D
 Acq On : 28 Sep 2024 20:38
 Operator : RC/JU
 Sample : P3927-08DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDC93DL

Quant Time: Sep 29 00:41:53 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

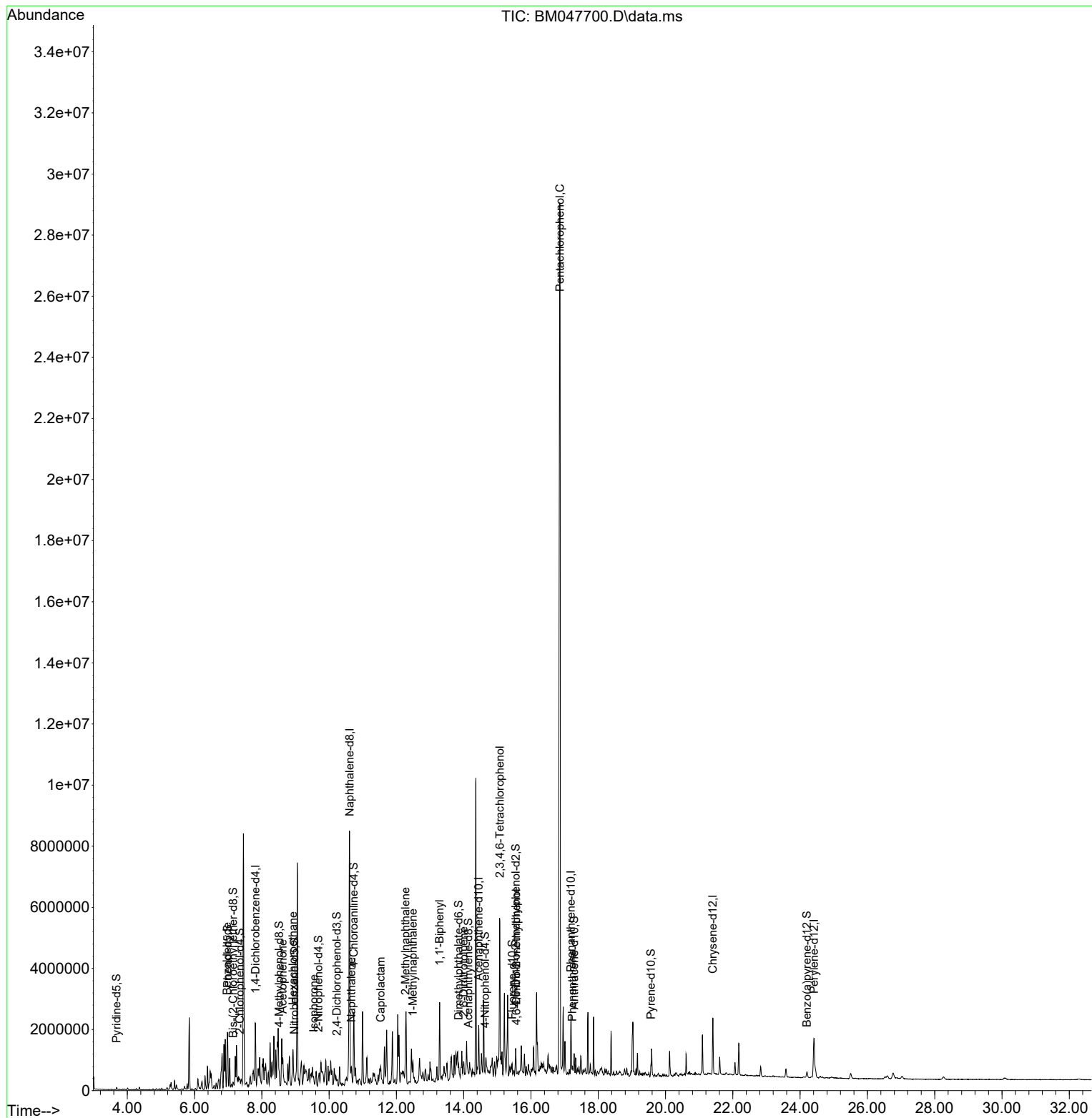
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	207516	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	857152	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	524288	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1029201	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	992988	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	1151900	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	3012	0.469	ng/uL	0.00
4) Pyridine-d5	3.681	84	37791	2.010	ng/ul	0.00
7) Phenol-d5	6.981	99	51182	2.608	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	43058	3.092	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	39180	2.744	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	37108	2.543	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	12882	1.888	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	17068	2.610	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	34953	2.675	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	73429	3.635	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	116142	3.055	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	135896	3.015	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	12102	1.599	ng/ul	0.00
60) Fluorene-d10	15.439	176	102782	3.122	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	12651	2.101	ng/ul	0.00
73) Anthracene-d10	17.286	188	154325	3.049	ng/ul	0.00
81) Pyrene-d10	19.568	212	185522	3.292	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	172509	2.886	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.969	77	52514	4.921	ng/ul#	1
16) Acetophenone	8.622	105	490142	19.634	ng/ul#	29
19) Hexachloroethane	8.922	117	62373	9.175	ng/ul#	12
23) Isophorone	9.540	82	63598	1.834	ng/ul#	61
30) Naphthalene	10.657	128	278369	5.646	ng/ul	98
34) Caprolactam	11.534	113	5441	1.261	ng/ul#	1
36) 2-Methylnaphthalene	12.269	142	476363	15.206	ng/ul	98
37) 1-Methylnaphthalene	12.492	142	271913	8.531	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	42642	1.016	ng/ul#	84
48) 2,6-Dinitrotoluene	13.998	165	7648	1.131	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.074	232	897175	105.403	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.563	198	15514	2.325	ng/ul#	56
71) Pentachlorophenol	16.857	266	7685910	979.045	ng/ul	99
72) Phenanthrene	17.227	178	134127	2.222	ng/ul#	96

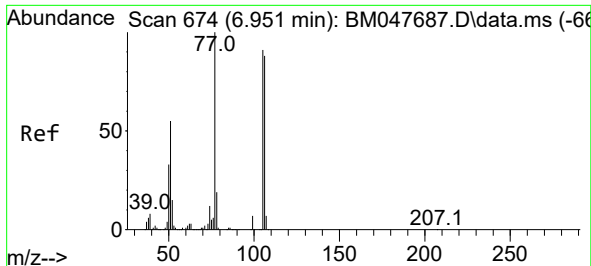
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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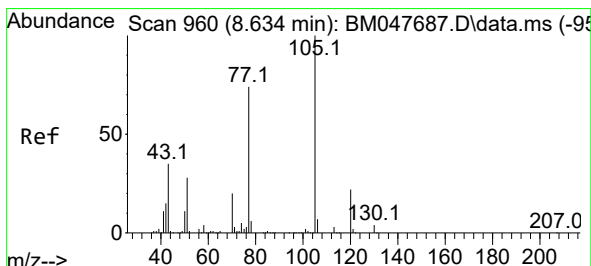
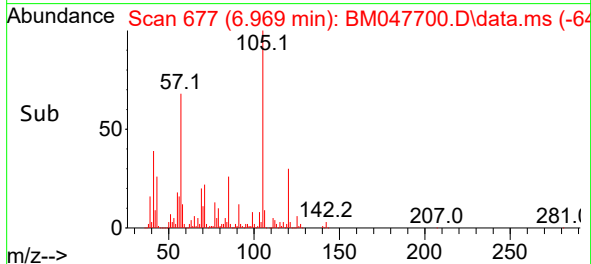
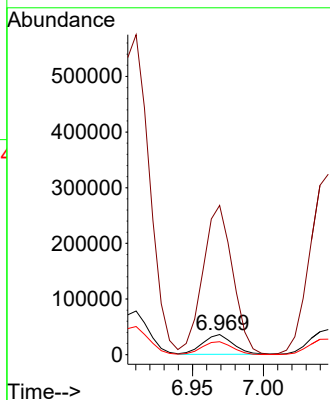
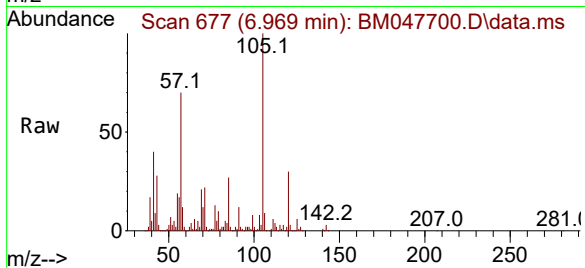




#6
Benzaldehyde
Concen: 4.921 ng/ul
RT: 6.969 min Scan# 61
Delta R.T. 0.018 min
Lab File: BM047700.D
Acq: 28 Sep 2024 20:38

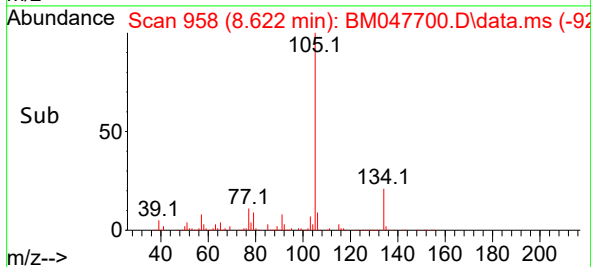
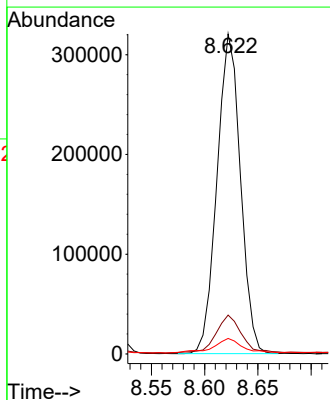
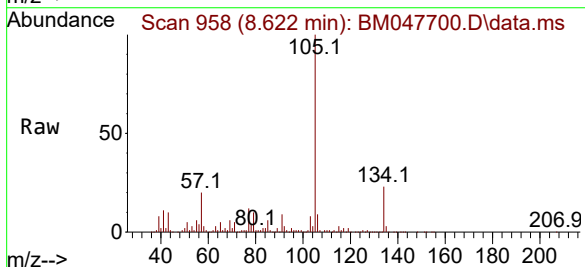
Instrument :
BNA_M
ClientSampleId :
DDC93DL

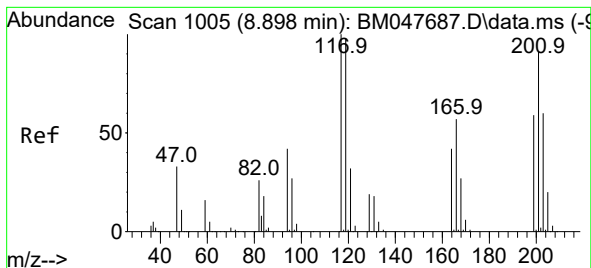
Tgt Ion: 77 Resp: 52514
Ion Ratio Lower Upper
77 100
105 742.1 72.2 108.2#
106 64.3 70.7 106.1#



#16
Acetophenone
Concen: 19.634 ng/ul
RT: 8.622 min Scan# 958
Delta R.T. -0.012 min
Lab File: BM047700.D
Acq: 28 Sep 2024 20:38

Tgt Ion: 105 Resp: 490142
Ion Ratio Lower Upper
105 100
77 12.2 66.6 100.0#
51 4.9 27.0 40.4#





#19

Hexachloroethane

Concen: 9.175 ng/ul

RT: 8.922 min Scan# 1009

Delta R.T. 0.024 min

Lab File: BM047700.D

Acq: 28 Sep 2024 20:38

Instrument :

BNA_M

ClientSampleId :

DDC93DL

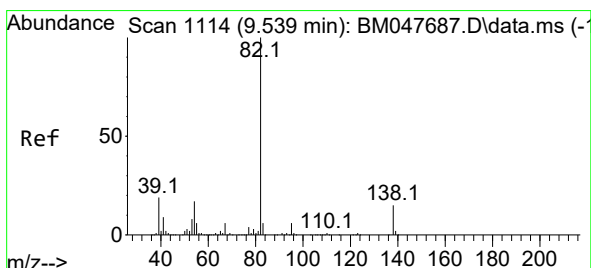
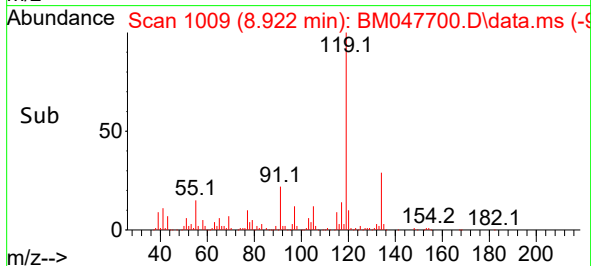
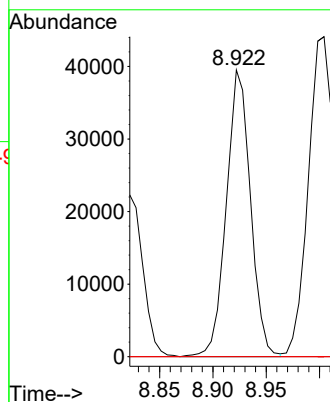
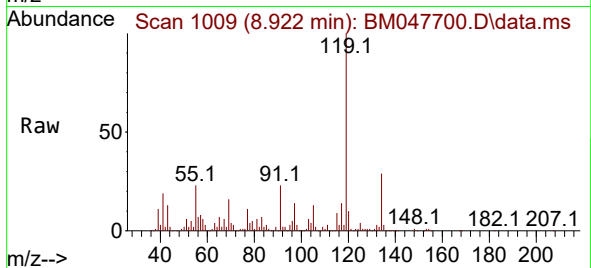
Tgt Ion:117 Resp: 62373

Ion Ratio Lower Upper

117 100

201 0.0 71.0 106.6#

199 0.0 44.2 66.4#



#23

Isophorone

Concen: 1.834 ng/ul

RT: 9.540 min Scan# 1114

Delta R.T. -0.000 min

Lab File: BM047700.D

Acq: 28 Sep 2024 20:38

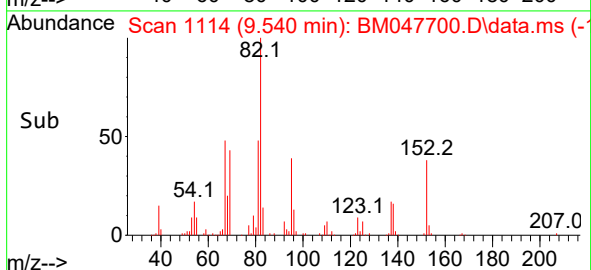
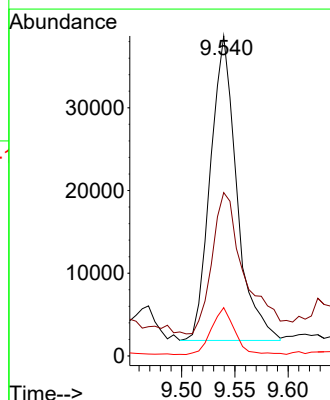
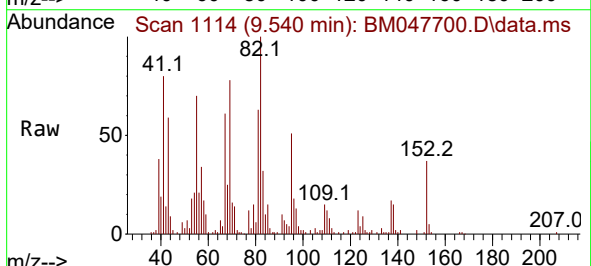
Tgt Ion: 82 Resp: 63598

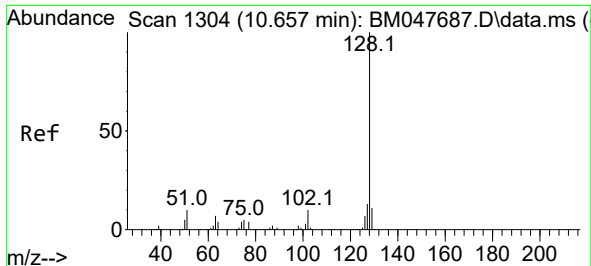
Ion Ratio Lower Upper

82 100

95 51.1 4.9 7.3#

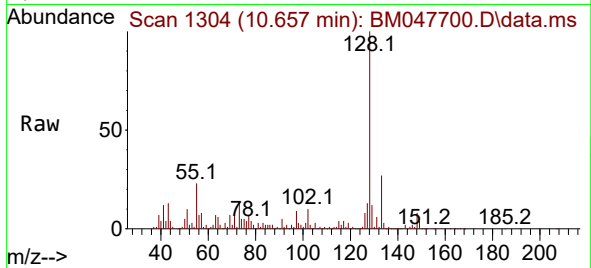
138 15.1 12.0 18.0



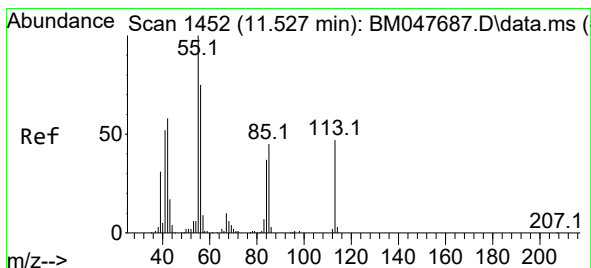
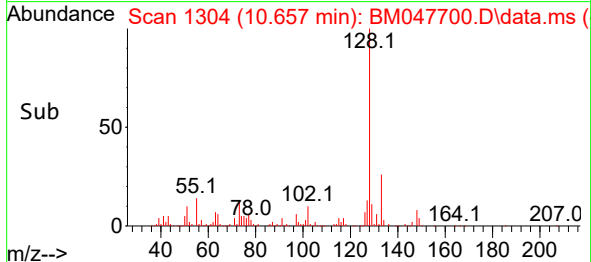
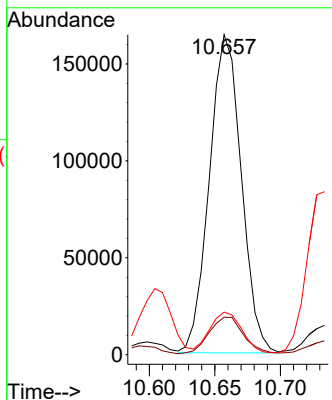


#30
Naphthalene
Concen: 5.646 ng/ul
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047700.D
Acq: 28 Sep 2024 20:38

Instrument :
BNA_M
ClientSampleId :
DDC93DL

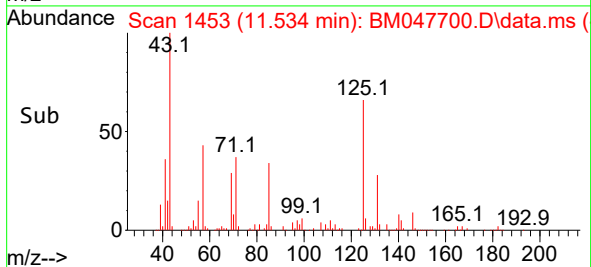
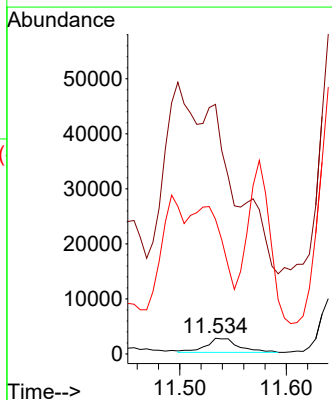
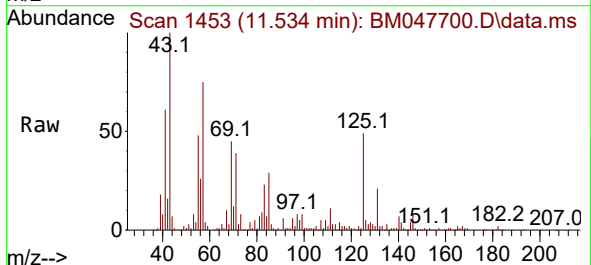


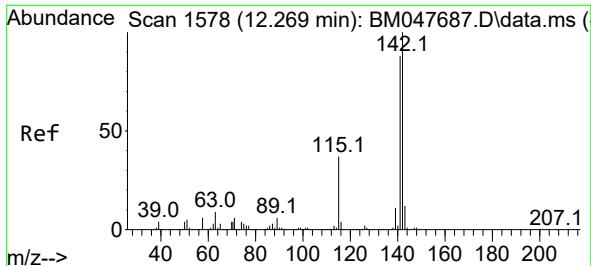
Tgt Ion:128 Resp: 278369
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 13.3 10.4 15.6



#34
Caprolactam
Concen: 1.261 ng/ul
RT: 11.534 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BM047700.D
Acq: 28 Sep 2024 20:38

Tgt Ion:113 Resp: 5441
Ion Ratio Lower Upper
113 100
55 1583.0 167.9 251.9#
56 854.5 131.3 196.9#

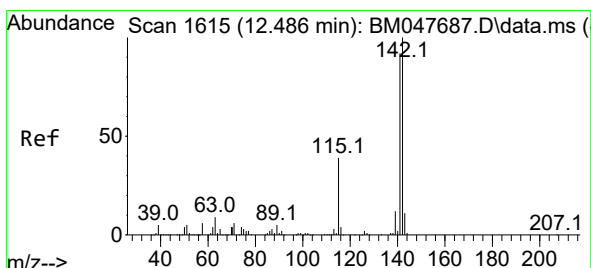
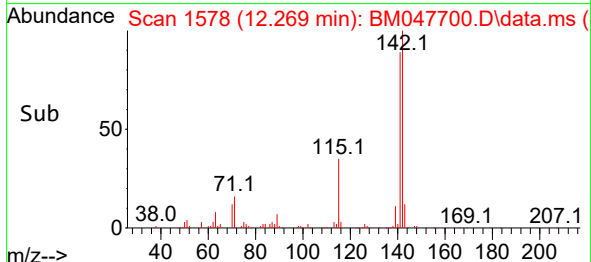
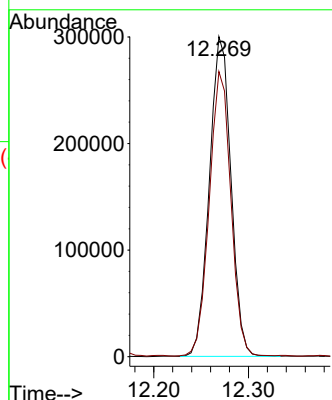
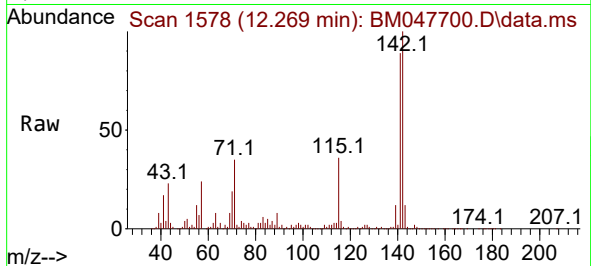




#36
2-Methylnaphthalene
Concen: 15.206 ng/ul
RT: 12.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047700.D
Acq: 28 Sep 2024 20:38

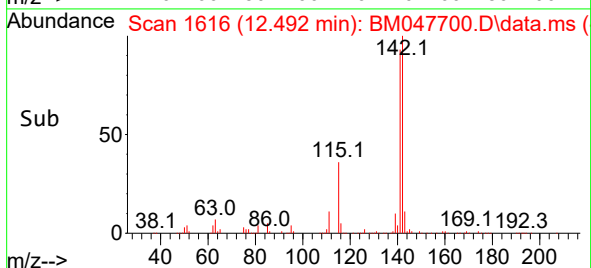
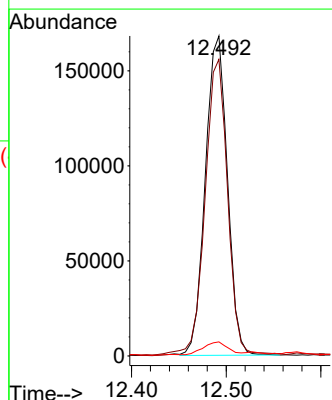
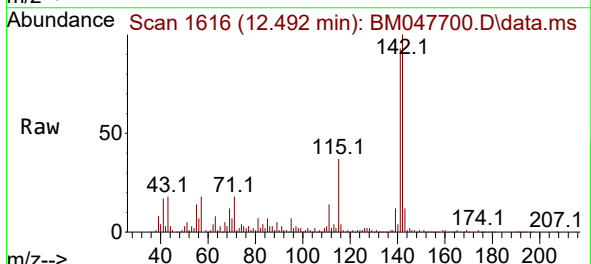
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ClientSampleId :
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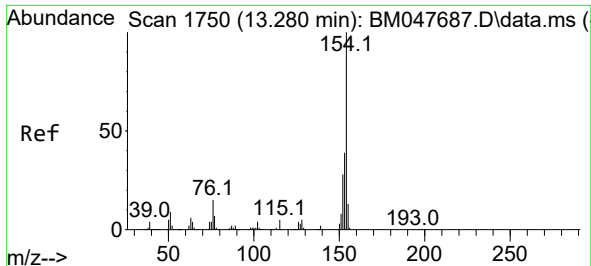
Tgt Ion:142 Resp: 476363
Ion Ratio Lower Upper
142 100
141 89.1 72.5 108.7



#37
1-Methylnaphthalene
Concen: 8.531 ng/ul
RT: 12.492 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BM047700.D
Acq: 28 Sep 2024 20:38

Tgt Ion:142 Resp: 271913
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.2
116 4.4 3.0 4.6

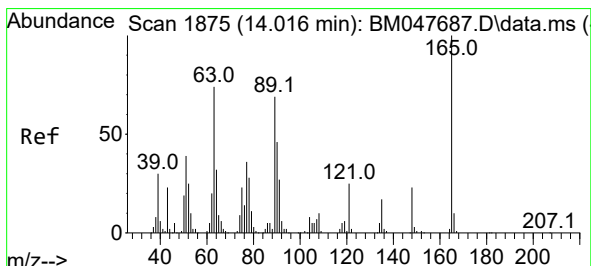
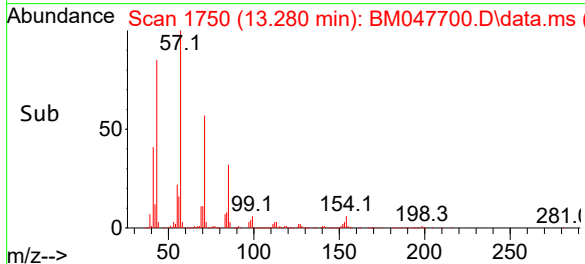
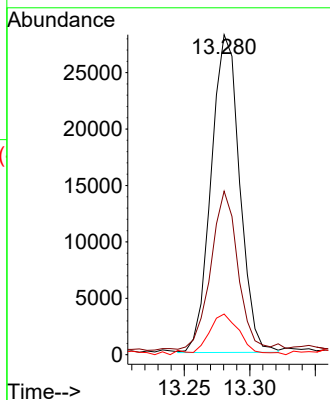
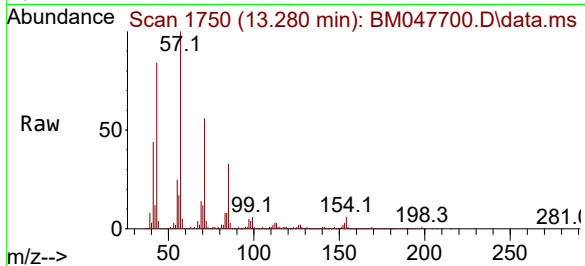




#43
1,1'-Biphenyl
Concen: 1.016 ng/ul
RT: 13.280 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047700.D
Acq: 28 Sep 2024 20:38

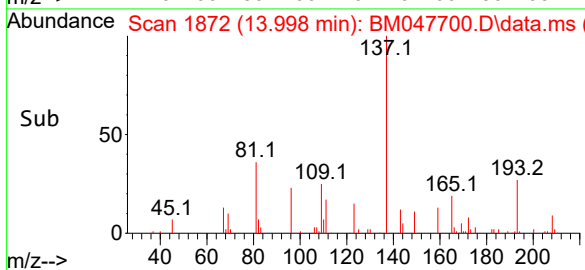
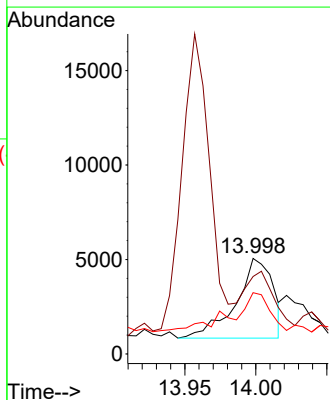
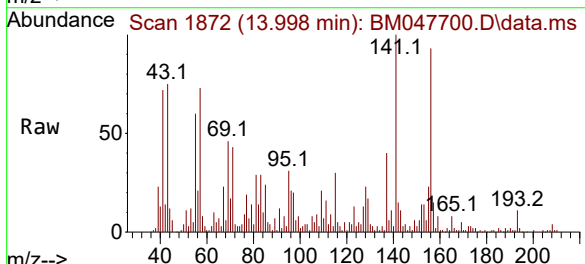
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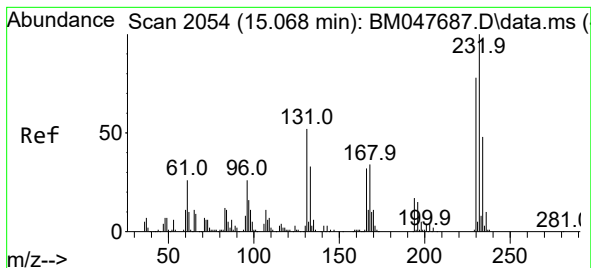
Tgt Ion:154 Resp: 42642
Ion Ratio Lower Upper
154 100
153 51.1 31.1 46.7#
76 12.7 12.1 18.1



#48
2,6-Dinitrotoluene
Concen: 1.131 ng/ul
RT: 13.998 min Scan# 1872
Delta R.T. -0.018 min
Lab File: BM047700.D
Acq: 28 Sep 2024 20:38

Tgt Ion:165 Resp: 7648
Ion Ratio Lower Upper
165 100
89 81.0 58.5 87.7
121 64.1 20.2 30.2#

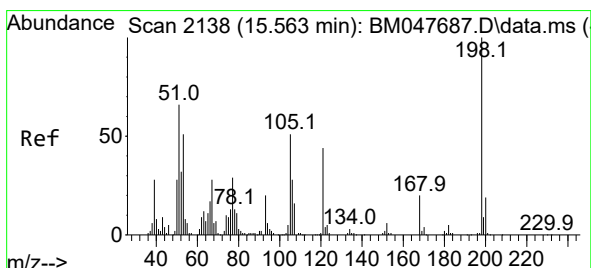
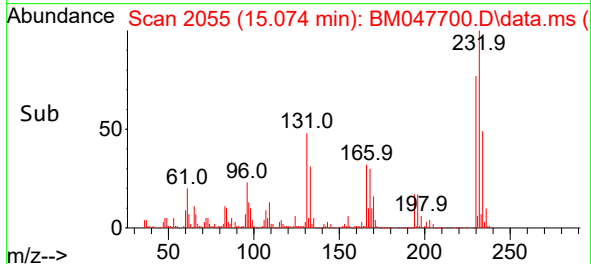
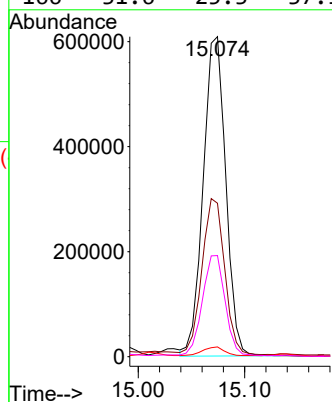
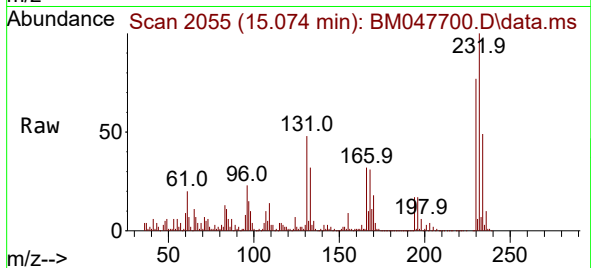




#58
2,3,4,6-Tetrachlorophenol
Concen: 105.403 ng/ul
RT: 15.074 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BM047700.D
Acq: 28 Sep 2024 20:38

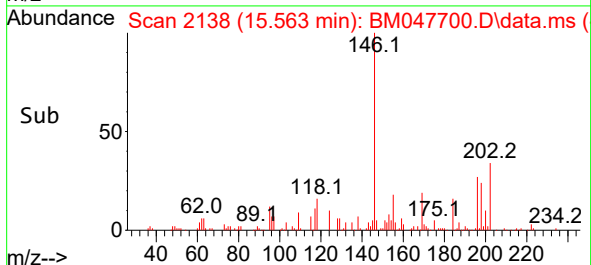
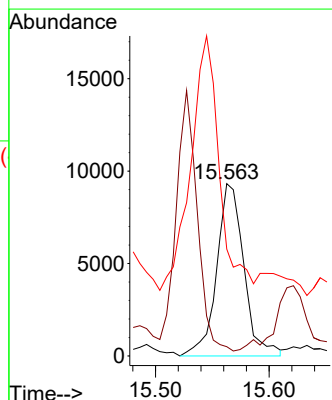
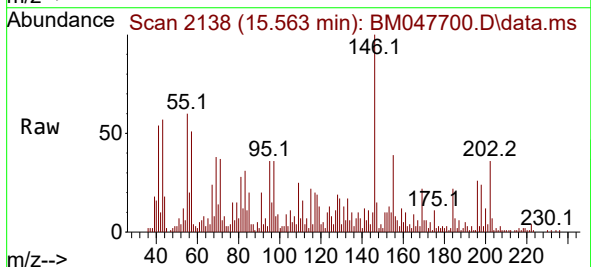
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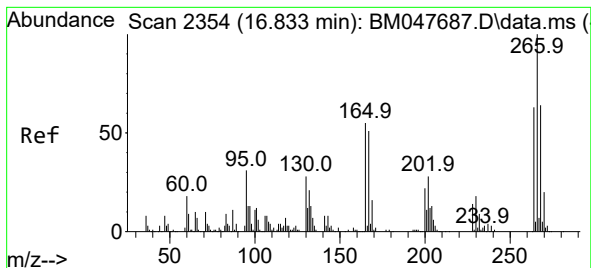
Tgt Ion:232 Resp: 897175
Ion Ratio Lower Upper
232 100
131 47.9 40.2 60.4
130 3.0 2.6 4.0
166 31.6 25.3 37.9



#66
4,6-Dinitro-2-methylphenol
Concen: 2.325 ng/ul
RT: 15.563 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BM047700.D
Acq: 28 Sep 2024 20:38

Tgt Ion:198 Resp: 15514
Ion Ratio Lower Upper
198 100
182 5.4 5.1 7.7
77 62.1 26.2 39.2#





#71

Pentachlorophenol

Concen: 979.045 ng/ul

RT: 16.857 min Scan# 21

Delta R.T. 0.018 min

Lab File: BM047700.D

Acq: 28 Sep 2024 20:38

Instrument :

BNA_M

ClientSampleId :

DDC93DL

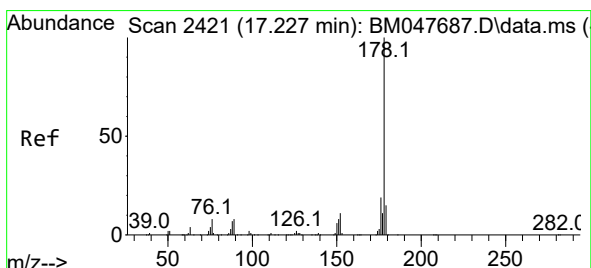
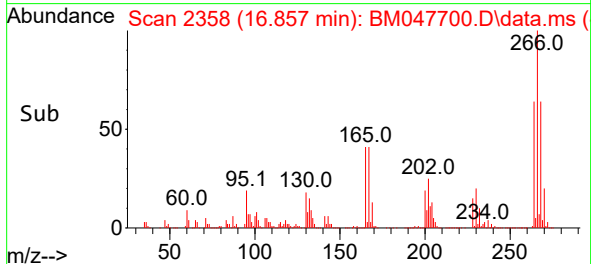
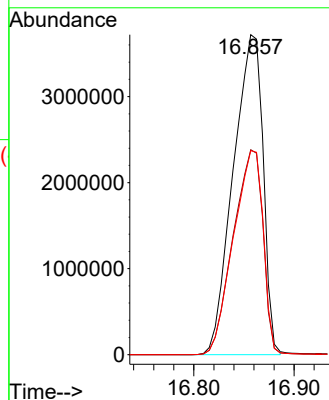
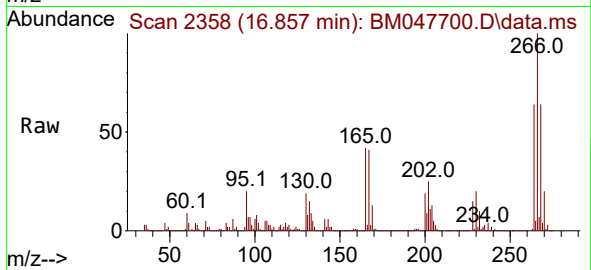
Tgt Ion:266 Resp: 7685910

Ion Ratio Lower Upper

266 100

264 64.0 50.2 75.2

268 63.8 50.9 76.3



#72

Phenanthrene

Concen: 2.222 ng/ul

RT: 17.227 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BM047700.D

Acq: 28 Sep 2024 20:38

Tgt Ion:178 Resp: 134127

Ion Ratio Lower Upper

178 100

179 18.7 12.0 18.0#

176 18.9 15.4 23.0

