

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047868.D
 Acq On : 05 Oct 2024 08:50
 Operator : RC/JU
 Sample : P4020-14ME
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 23:04:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

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

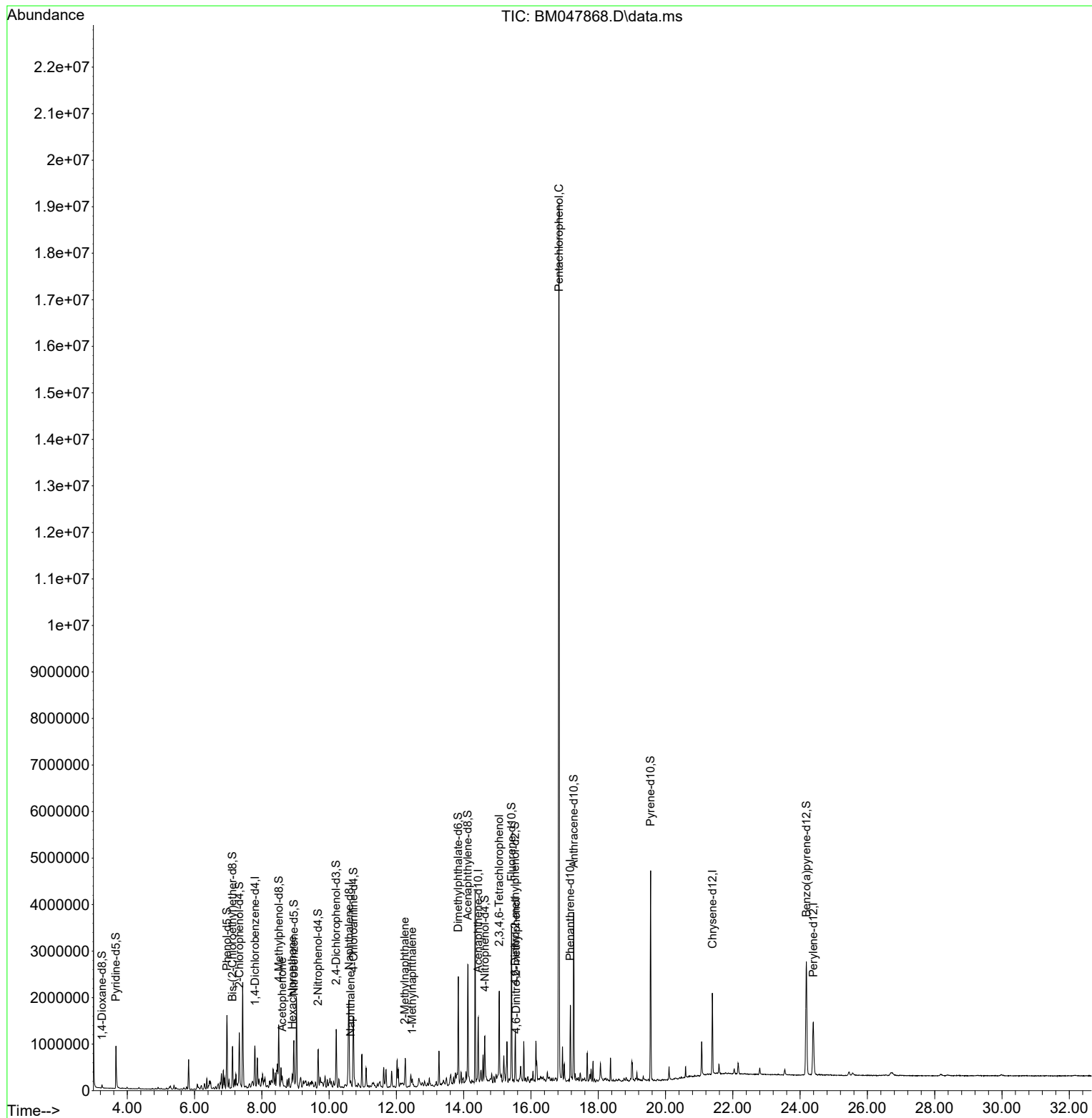
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	188791	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	776642	20.000	ng/ul #	0.00
38) Acenaphthene-d10	14.433	164	473864	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	963373	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	905759	20.000	ng/ul	0.00
88) Perylene-d12	24.392	264	1012297	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	33410	5.719	ng/uL	0.00
4) Pyridine-d5	3.663	84	490427	28.671	ng/ul	0.00
7) Phenol-d5	6.963	99	587936	32.934	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	382822	30.220	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	482790	37.171	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	488566	36.809	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	227038	36.716	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	239240	40.373	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	455911	38.514	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	660411	36.086	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	1455176	42.357	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	1720393	42.235	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	215900	31.564	ng/ul	0.00
60) Fluorene-d10	15.422	176	1290591	43.370	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	166326	29.503	ng/ul	0.00
73) Anthracene-d10	17.268	188	1992265	42.057	ng/ul	0.00
81) Pyrene-d10	19.557	212	2325992	45.247	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	2333566	44.430	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.604	105	128835	5.673	ng/ul#	30
19) Hexachloroethane	8.904	117	15703	2.539	ng/ul#	12
30) Naphthalene	10.639	128	62408	1.397	ng/ul#	96
36) 2-Methylnaphthalene	12.251	142	104548	3.683	ng/ul	96
37) 1-Methylnaphthalene	12.469	142	62855	2.177	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.057	232	340594	44.272	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.557	198	6723	1.076	ng/ul#	71
71) Pentachlorophenol	16.833	266	3618219	492.389	ng/ul	100

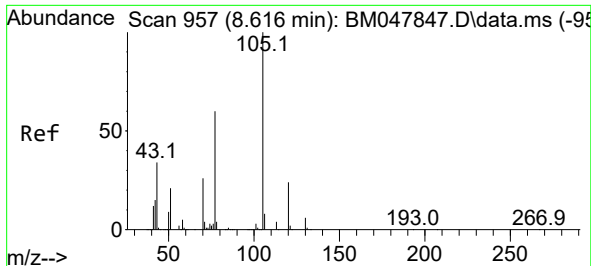
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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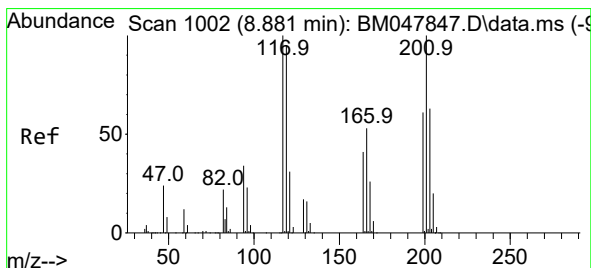
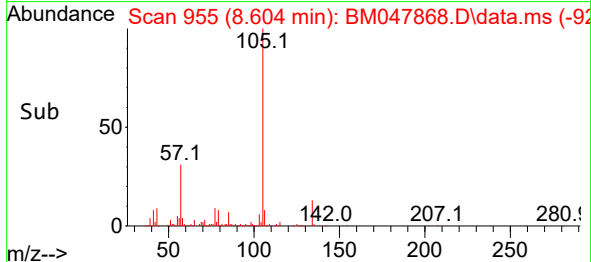
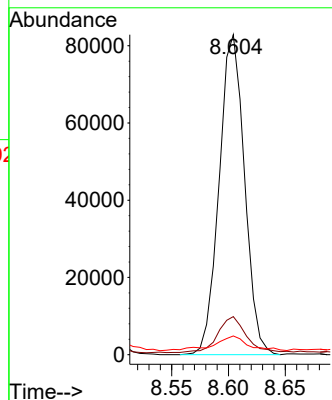
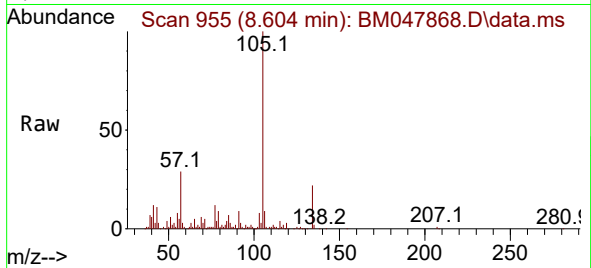




#16
Acetophenone
Concen: 5.673 ng/ul
RT: 8.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BM047868.D
Acq: 05 Oct 2024 08:50

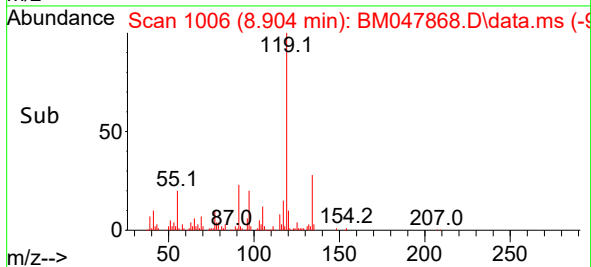
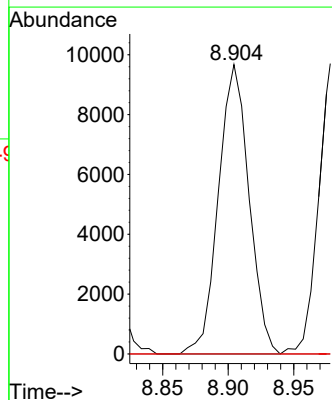
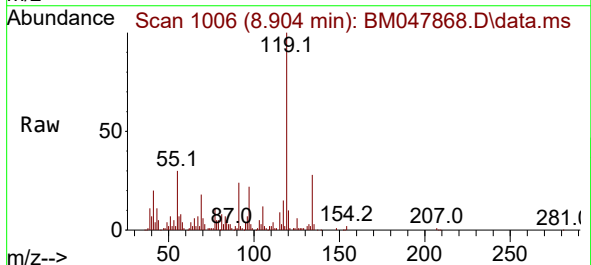
Instrument :
BNA_M
ClientSampleId :

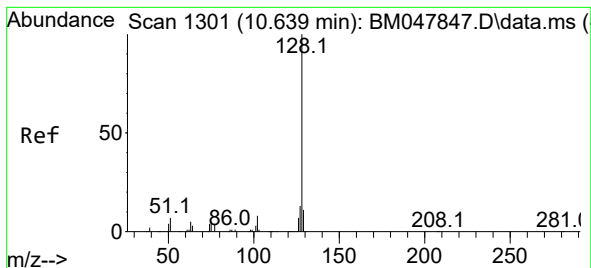
Tgt Ion:105 Resp: 128835
Ion Ratio Lower Upper
105 100
77 11.9 66.6 100.0#
51 5.8 27.0 40.4#



#19
Hexachloroethane
Concen: 2.539 ng/ul
RT: 8.904 min Scan# 1006
Delta R.T. 0.024 min
Lab File: BM047868.D
Acq: 05 Oct 2024 08:50

Tgt Ion:117 Resp: 15703
Ion Ratio Lower Upper
117 100
201 0.0 71.0 106.6#
199 0.0 44.2 66.4#

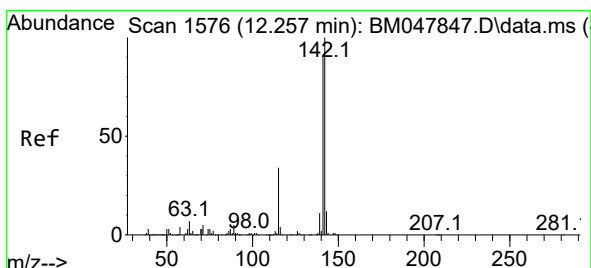
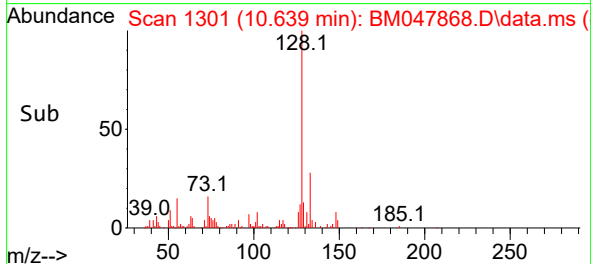
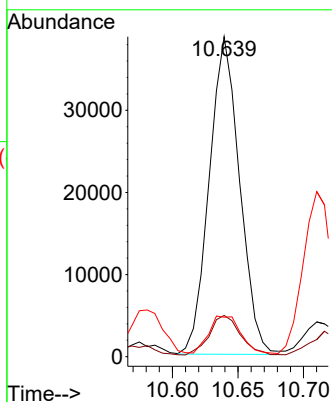
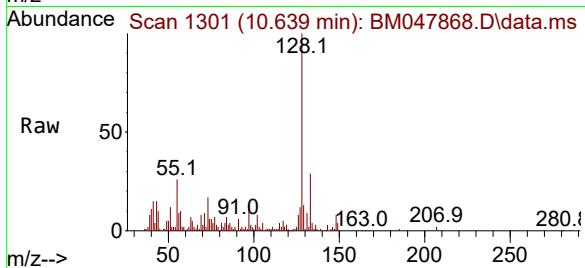




#30
Naphthalene
Concen: 1.397 ng/ul
RT: 10.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047868.D
Acq: 05 Oct 2024 08:50

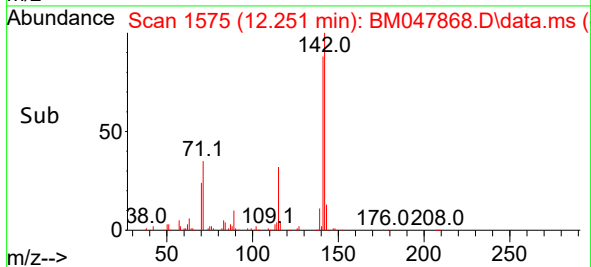
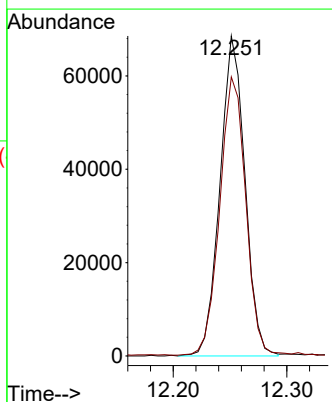
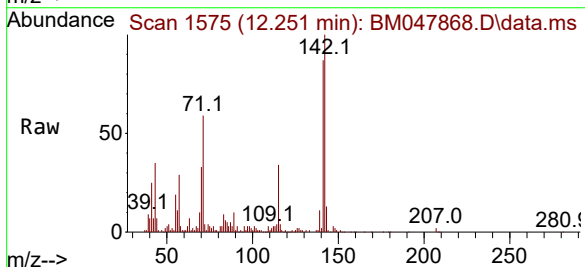
Instrument :
BNA_M
ClientSampleId :

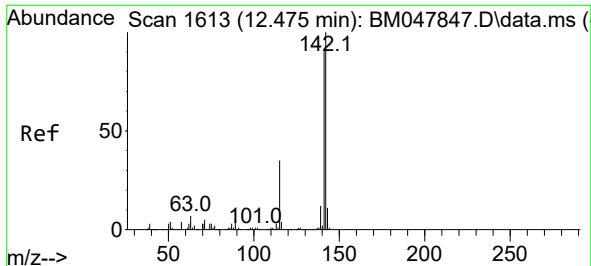
Tgt Ion:128 Resp: 62408
Ion Ratio Lower Upper
128 100
129 12.9 8.6 12.8#
127 12.3 10.4 15.6



#36
2-Methylnaphthalene
Concen: 3.683 ng/ul
RT: 12.251 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BM047868.D
Acq: 05 Oct 2024 08:50

Tgt Ion:142 Resp: 104548
Ion Ratio Lower Upper
142 100
141 87.2 72.5 108.7





#37

1-Methylnaphthalene

Concen: 2.177 ng/ul

RT: 12.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047868.D

Acq: 05 Oct 2024 08:50

Instrument :

BNA_M

ClientSampleId :

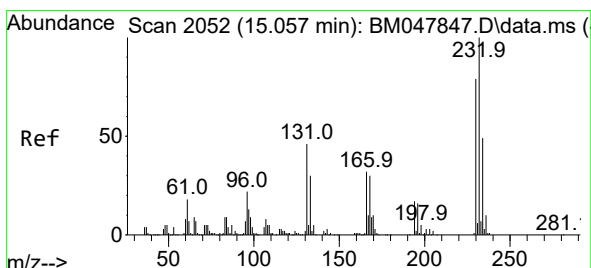
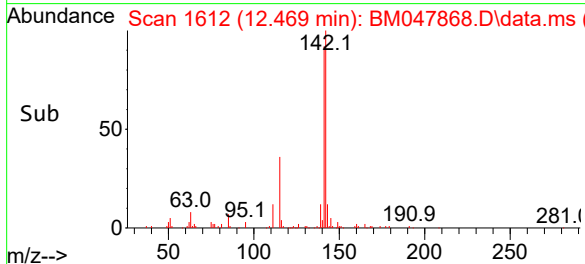
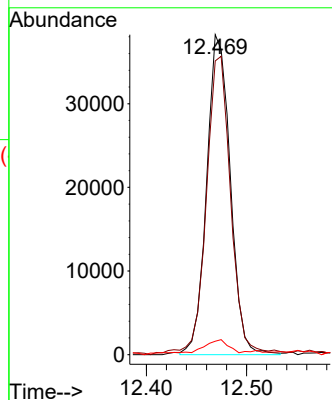
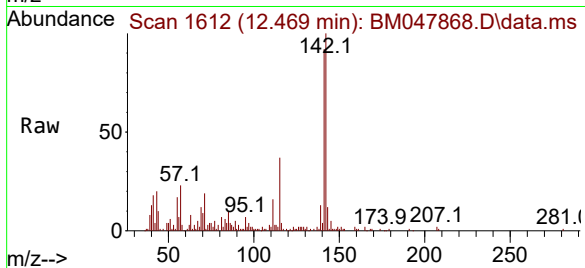
Tgt Ion:142 Resp: 62855

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2

116 4.2 3.0 4.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.272 ng/ul

RT: 15.057 min Scan# 2052

Delta R.T. -0.006 min

Lab File: BM047868.D

Acq: 05 Oct 2024 08:50

Tgt Ion:232 Resp: 340594

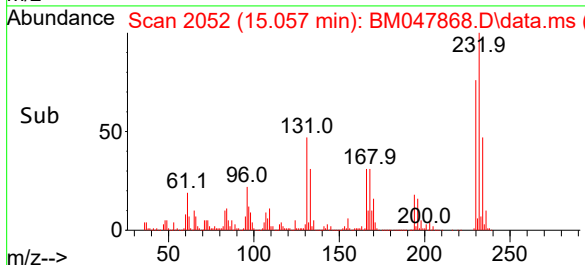
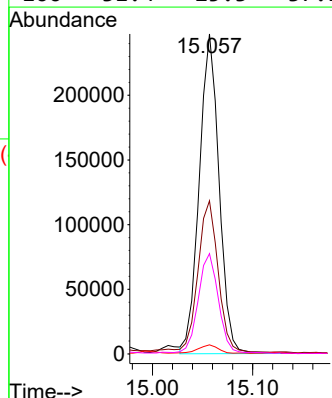
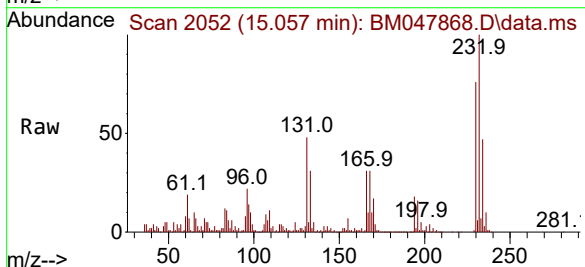
Ion Ratio Lower Upper

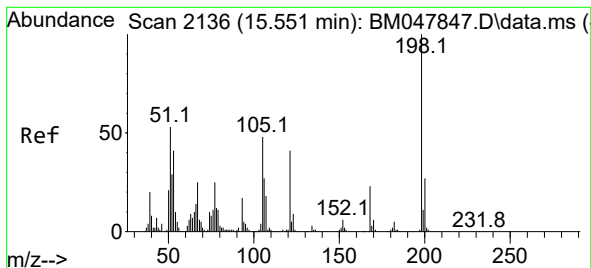
232 100

131 47.9 40.2 60.4

130 2.9 2.6 4.0

166 31.4 25.3 37.9

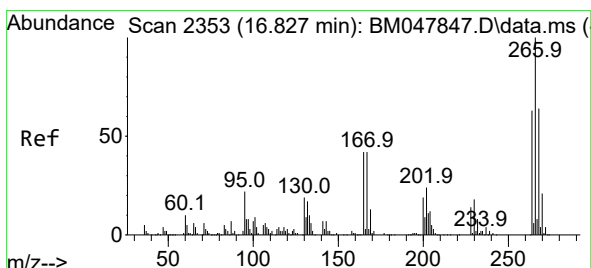
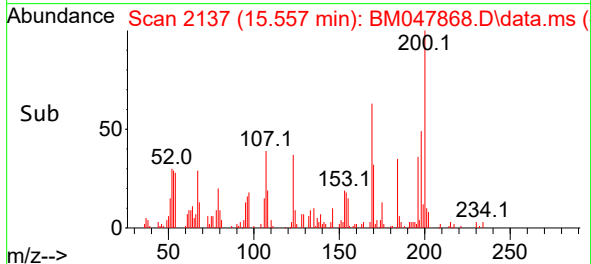
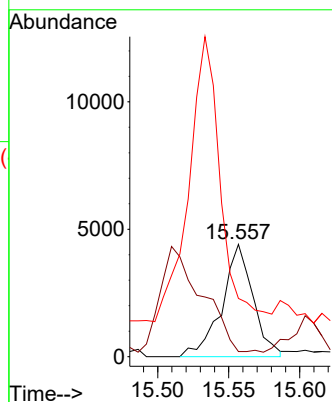
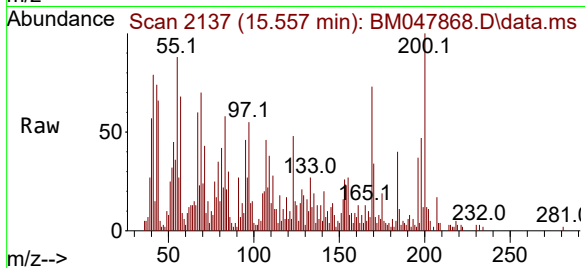




#66
 4,6-Dinitro-2-methylphenol
 Concen: 1.076 ng/ul
 RT: 15.557 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: BM047868.D
 Acq: 05 Oct 2024 08:50

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:198 Resp: 6723
 Ion Ratio Lower Upper
 198 100
 182 4.6 5.1 7.7#
 77 51.8 26.2 39.2#



#71
 Pentachlorophenol
 Concen: 492.389 ng/ul
 RT: 16.833 min Scan# 2354
 Delta R.T. 0.006 min
 Lab File: BM047868.D
 Acq: 05 Oct 2024 08:50

Tgt Ion:266 Resp: 3618219
 Ion Ratio Lower Upper
 266 100
 264 63.1 50.2 75.2
 268 63.4 50.9 76.3

