

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092824\
 Data File : BM047697.D
 Acq On : 28 Sep 2024 18:39
 Operator : RC/JU
 Sample : P3927-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCA6

Quant Time: Sep 29 00:41:20 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

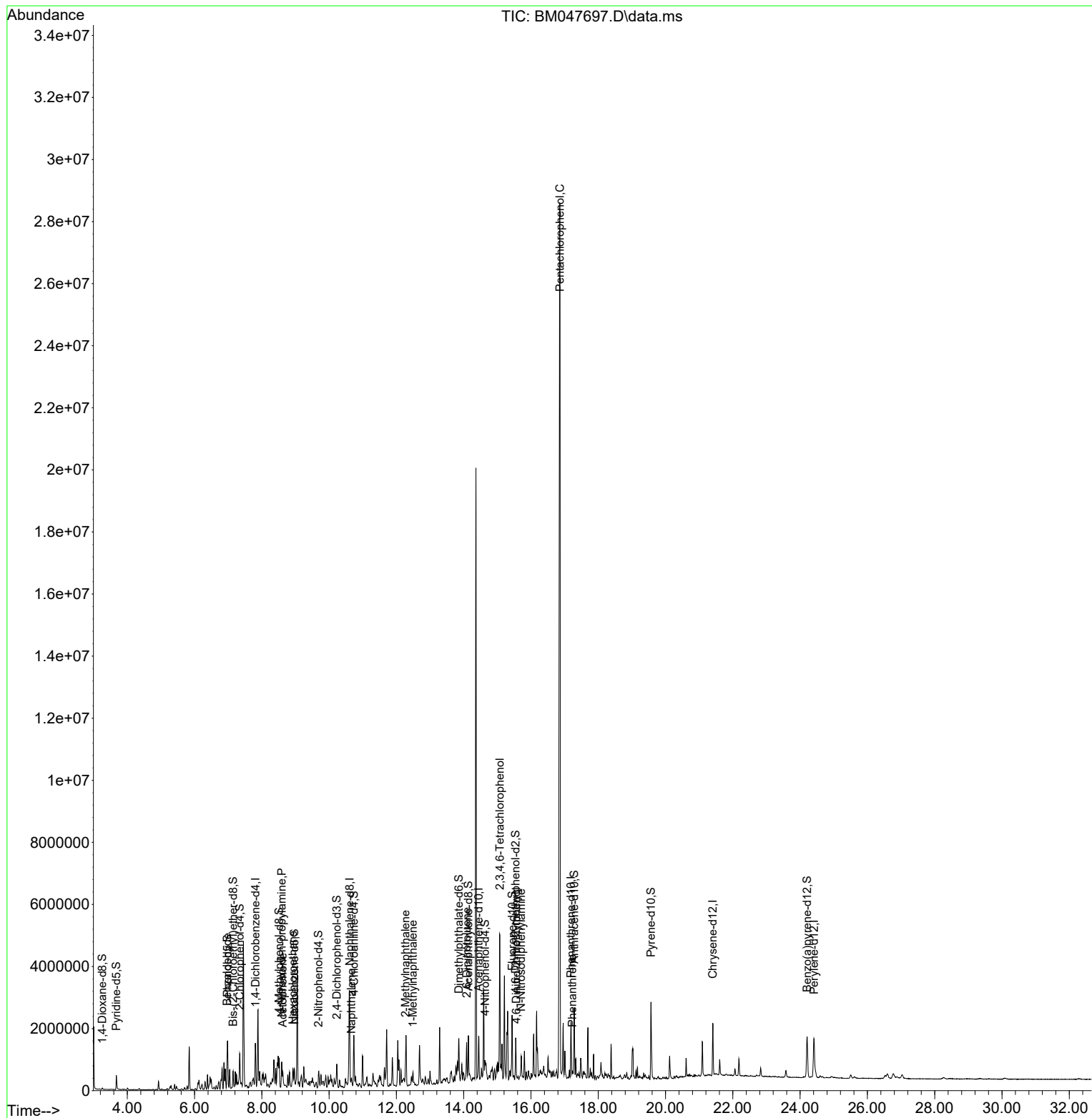
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	193627	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	792995	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	474816	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	937435	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	899518	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	1037029	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	17724	2.958	ng/uL	0.00
4) Pyridine-d5	3.675	84	230540	13.141	ng/ul	0.00
7) Phenol-d5	6.975	99	323845	17.687	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	227724	17.528	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	259245	19.461	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	278635	20.468	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	130877	20.729	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	129657	21.429	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.227	165	248216	20.536	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	324575	17.370	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	819116	23.795	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	953163	23.353	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	130756	19.078	ng/ul	0.00
60) Fluorene-d10	15.439	176	702096	23.546	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	92301	16.826	ng/ul	0.00
73) Anthracene-d10	17.286	188	1055532	22.899	ng/ul	0.00
81) Pyrene-d10	19.568	212	1266864	24.815	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.209	264	1287822	23.935	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.969	77	23660	2.376	ng/ul#	1
16) Acetophenone	8.622	105	282958	12.148	ng/ul#	29
17) N-Nitroso-di-n-propyla...	8.592	70	21031	1.705	ng/ul#	50
19) Hexachloroethane	8.922	117	33781	5.325	ng/ul#	12
30) Naphthalene	10.657	128	128887	2.826	ng/ul#	96
36) 2-Methylnaphthalene	12.268	142	233168	8.045	ng/ul	97
37) 1-Methylnaphthalene	12.492	142	142611	4.836	ng/ul	95
48) 2,6-Dinitrotoluene	14.086	165	11044	1.804	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.074	232	853050	110.661	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.562	198	17465	2.873	ng/ul#	65
67) N-Nitrosodiphenylamine	15.709	169	32788	1.122	ng/ul#	46
71) Pentachlorophenol	16.856	266	7084406	990.763	ng/ul	99
72) Phenanthrene	17.233	178	81683	1.486	ng/ul#	94

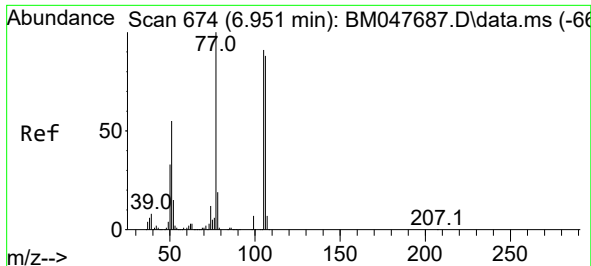
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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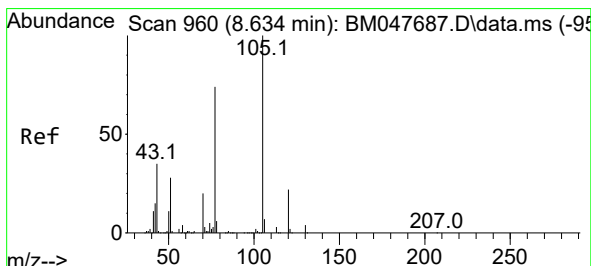
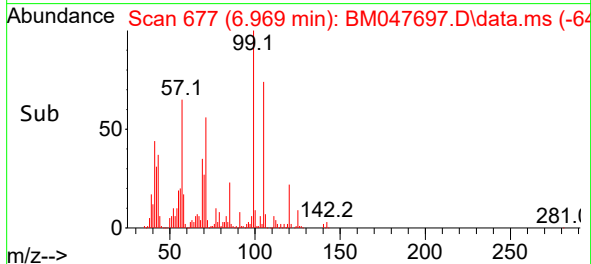
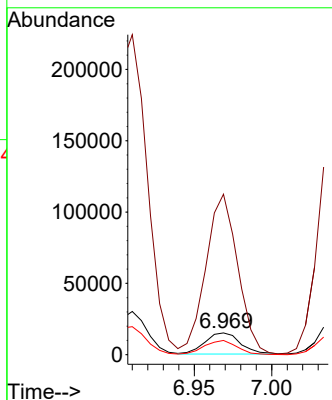
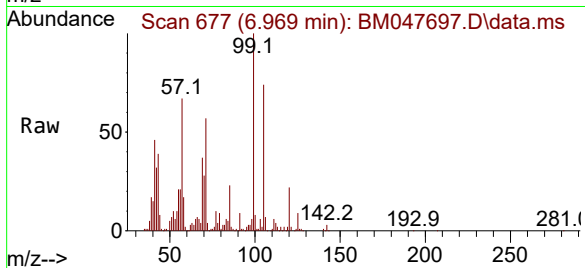




#6
Benzaldehyde
Concen: 2.376 ng/ul
RT: 6.969 min Scan# 61
Delta R.T. 0.017 min
Lab File: BM047697.D
Acq: 28 Sep 2024 18:39

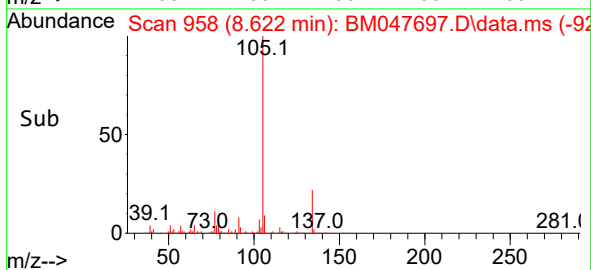
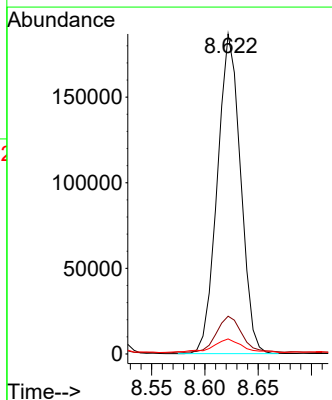
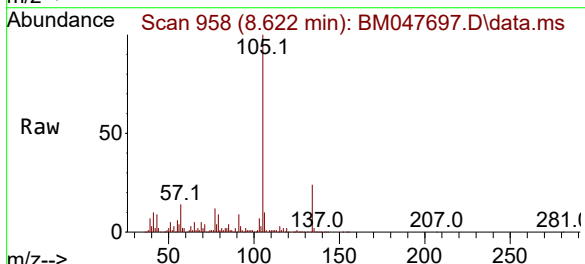
Instrument :
BNA_M
ClientSampleId :
DDCA6

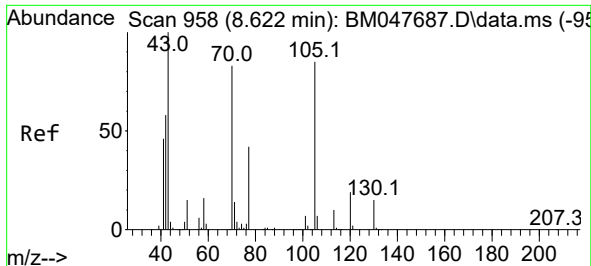
Tgt Ion: 77 Resp: 23660
Ion Ratio Lower Upper
77 100
105 735.5 72.2 108.2#
106 65.4 70.7 106.1#



#16
Acetophenone
Concen: 12.148 ng/ul
RT: 8.622 min Scan# 958
Delta R.T. -0.012 min
Lab File: BM047697.D
Acq: 28 Sep 2024 18:39

Tgt Ion: 105 Resp: 282958
Ion Ratio Lower Upper
105 100
77 11.8 66.6 100.0#
51 4.7 27.0 40.4#

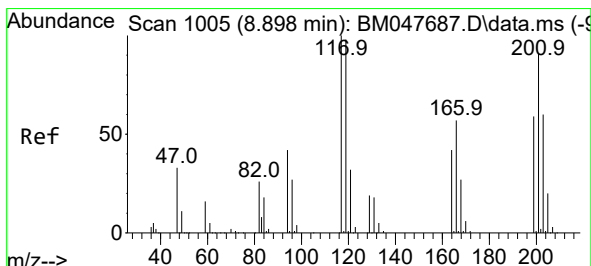
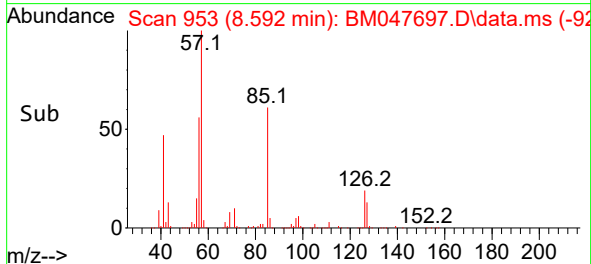
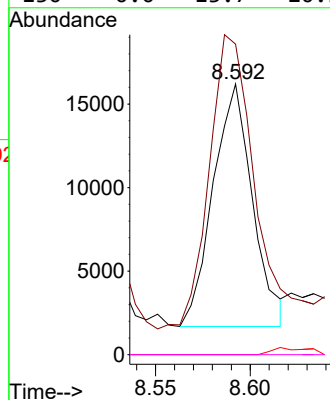
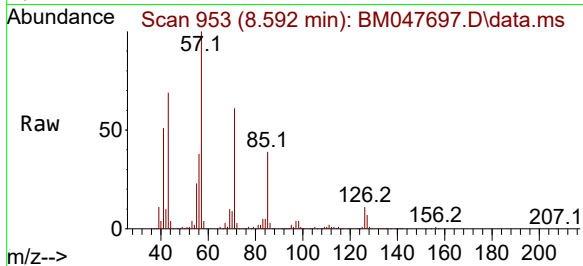




#17
N-Nitroso-di-n-propylamine
Concen: 1.705 ng/ul
RT: 8.592 min Scan# 910
Delta R.T. -0.030 min
Lab File: BM047697.D
Acq: 28 Sep 2024 18:39

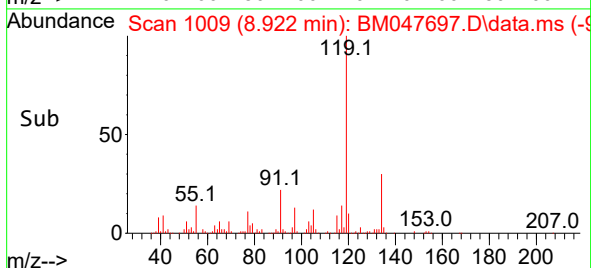
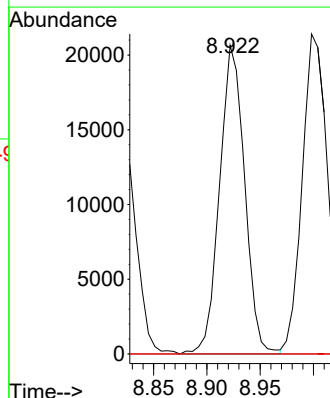
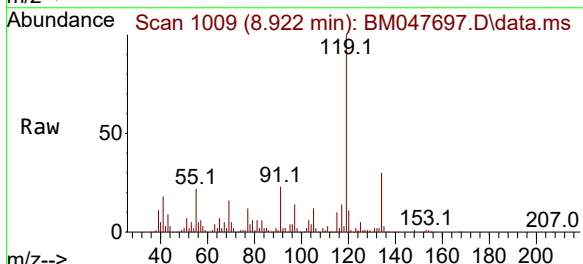
Instrument :
BNA_M
ClientSampleId :
DDCA6

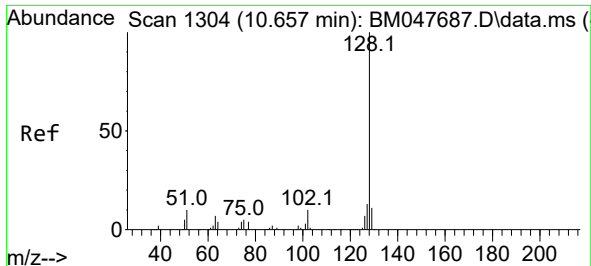
Tgt Ion: 70 Resp: 21031
Ion Ratio Lower Upper
70 100
42 114.7 55.3 82.9#
101 0.0 6.8 10.2#
130 0.0 13.7 20.5#



#19
Hexachloroethane
Concen: 5.325 ng/ul
RT: 8.922 min Scan# 1009
Delta R.T. 0.023 min
Lab File: BM047697.D
Acq: 28 Sep 2024 18:39

Tgt Ion: 117 Resp: 33781
Ion Ratio Lower Upper
117 100
201 0.0 71.0 106.6#
199 0.0 44.2 66.4#

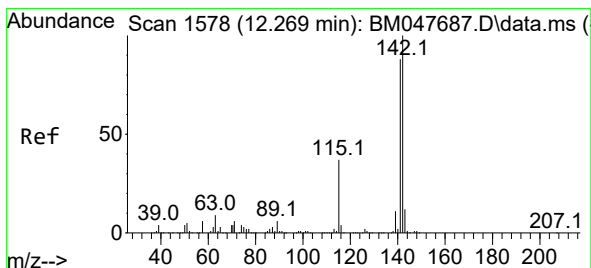
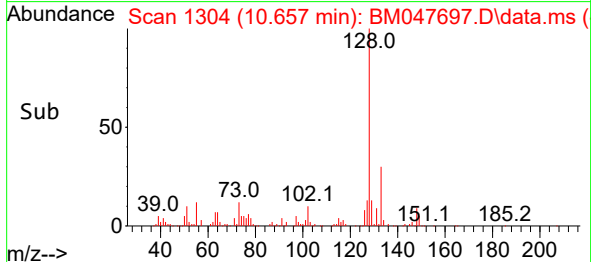
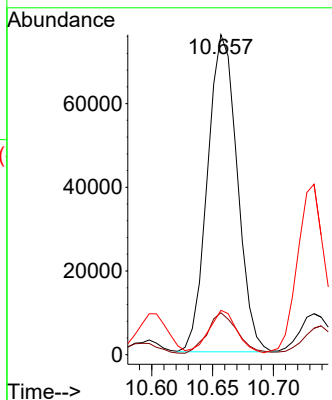
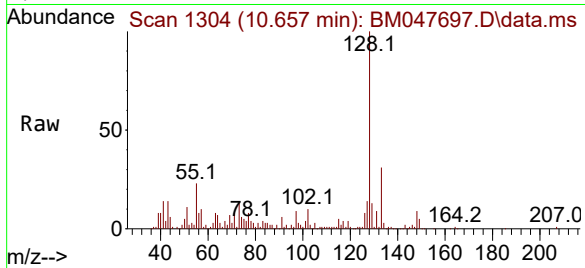




#30
Naphthalene
Concen: 2.826 ng/ul
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047697.D
Acq: 28 Sep 2024 18:39

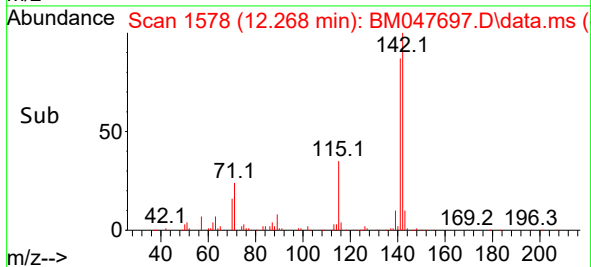
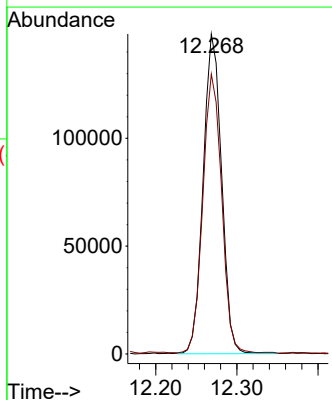
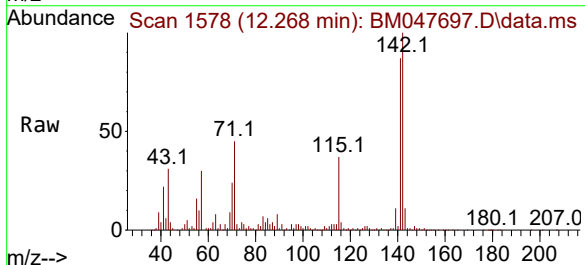
Instrument :
BNA_M
ClientSampleId :
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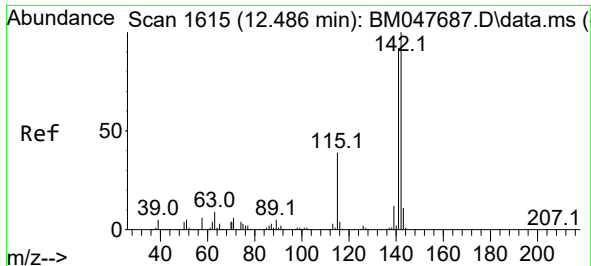
Tgt Ion:128 Resp: 128887
Ion Ratio Lower Upper
128 100
129 13.1 8.6 12.8#
127 13.8 10.4 15.6



#36
2-Methylnaphthalene
Concen: 8.045 ng/ul
RT: 12.268 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BM047697.D
Acq: 28 Sep 2024 18:39

Tgt Ion:142 Resp: 233168
Ion Ratio Lower Upper
142 100
141 87.4 72.5 108.7





#37

1-Methylnaphthalene

Concen: 4.836 ng/ul

RT: 12.492 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047697.D

Acq: 28 Sep 2024 18:39

Instrument :

BNA_M

ClientSampleId :

DDCA6

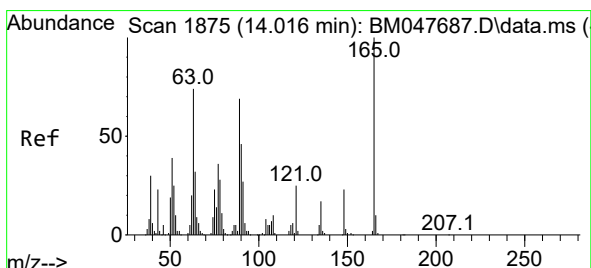
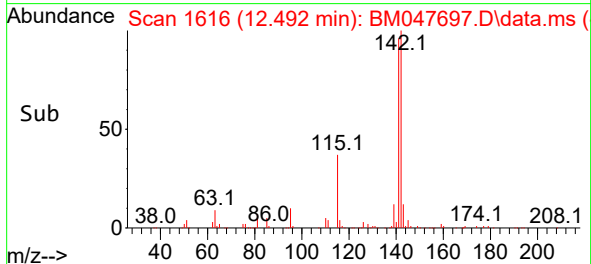
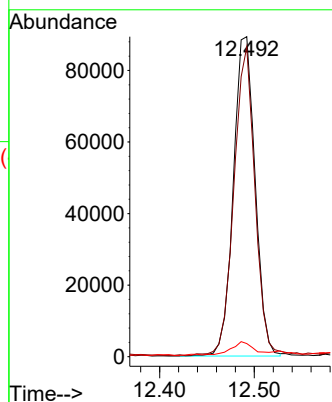
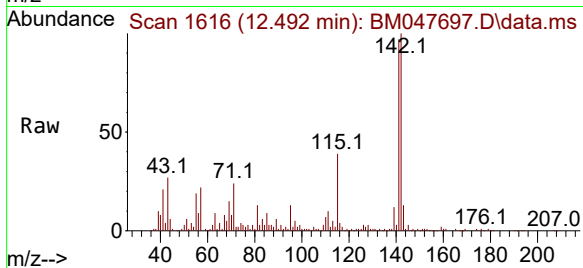
Tgt Ion:142 Resp: 142611

Ion Ratio Lower Upper

142 100

141 96.8 73.4 110.2

116 4.1 3.0 4.6



#48

2,6-Dinitrotoluene

Concen: 1.804 ng/ul

RT: 14.086 min Scan# 1887

Delta R.T. 0.070 min

Lab File: BM047697.D

Acq: 28 Sep 2024 18:39

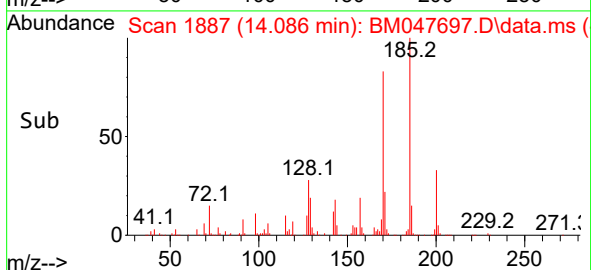
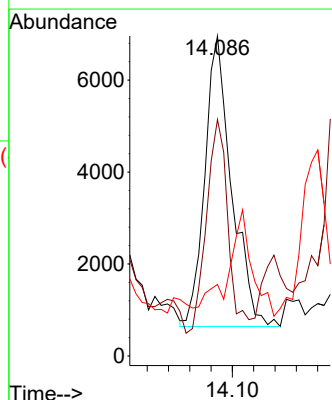
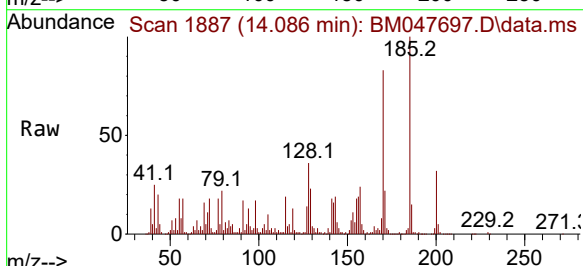
Tgt Ion:165 Resp: 11044

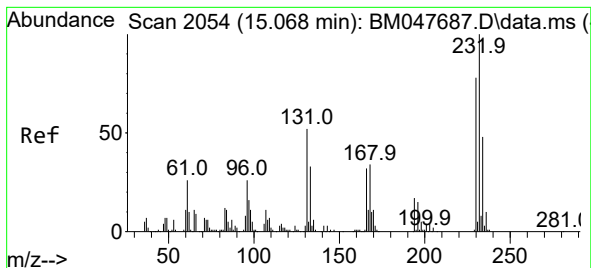
Ion Ratio Lower Upper

165 100

89 73.9 58.5 87.7

121 22.3 20.2 30.2

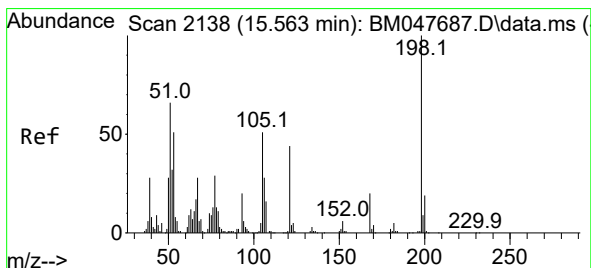
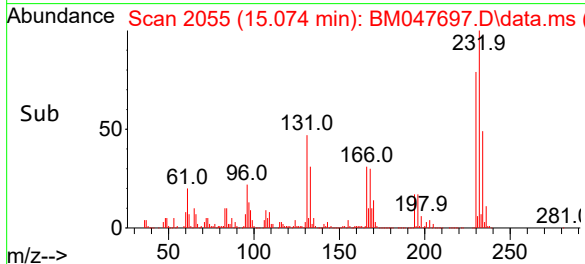
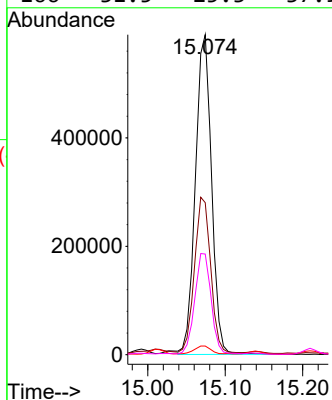
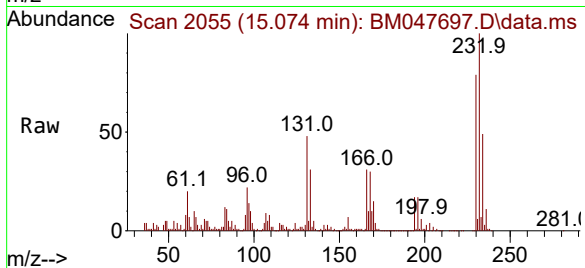




#58
2,3,4,6-Tetrachlorophenol
Concen: 110.661 ng/ul
RT: 15.074 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BM047697.D
Acq: 28 Sep 2024 18:39

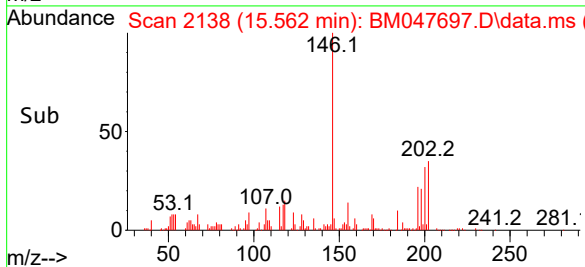
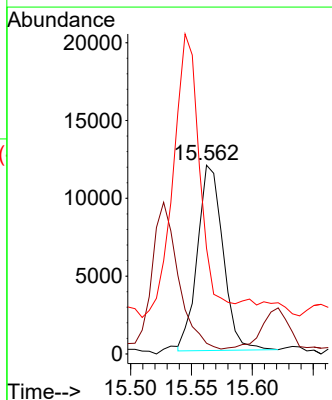
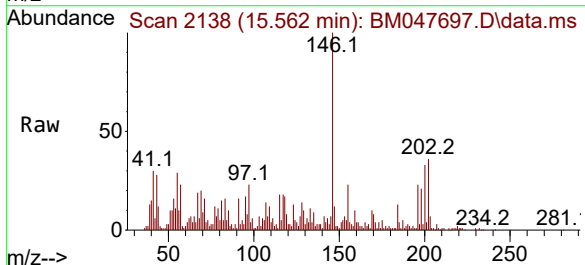
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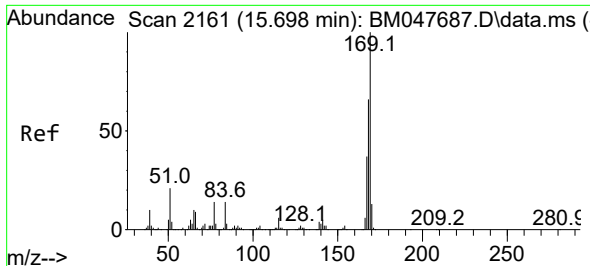
Tgt Ion:232 Resp: 853050
Ion Ratio Lower Upper
232 100
131 47.5 40.2 60.4
130 2.7 2.6 4.0
166 31.5 25.3 37.9



#66
4,6-Dinitro-2-methylphenol
Concen: 2.873 ng/ul
RT: 15.562 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BM047697.D
Acq: 28 Sep 2024 18:39

Tgt Ion:198 Resp: 17465
Ion Ratio Lower Upper
198 100
182 5.7 5.1 7.7
77 56.0 26.2 39.2#

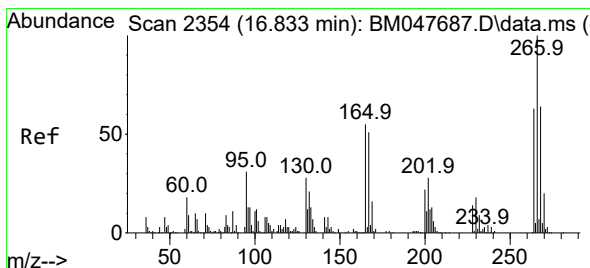
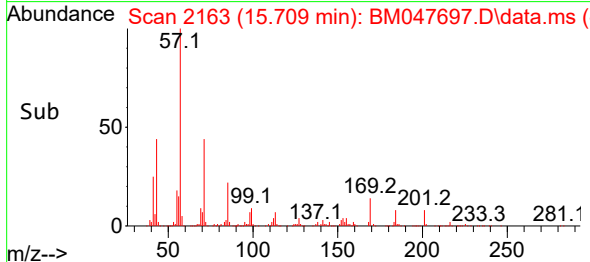
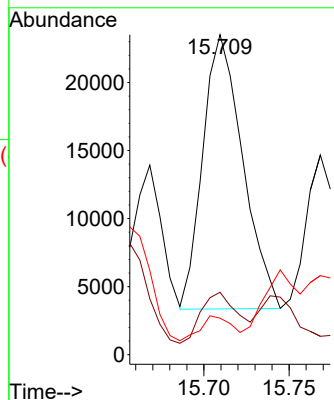
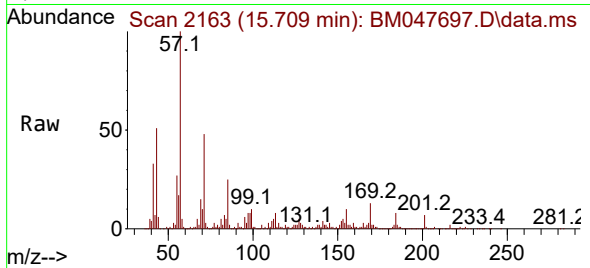




#67
N-Nitrosodiphenylamine
Concen: 1.122 ng/ul
RT: 15.709 min Scan# 2163
Delta R.T. 0.011 min
Lab File: BM047697.D
Acq: 28 Sep 2024 18:39

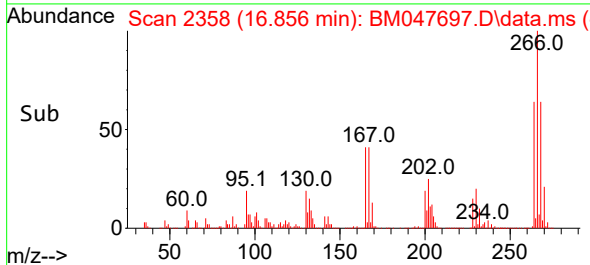
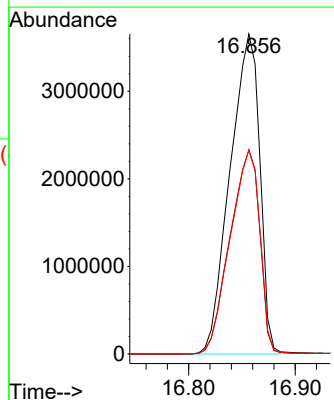
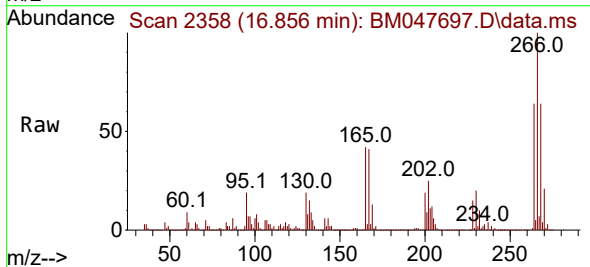
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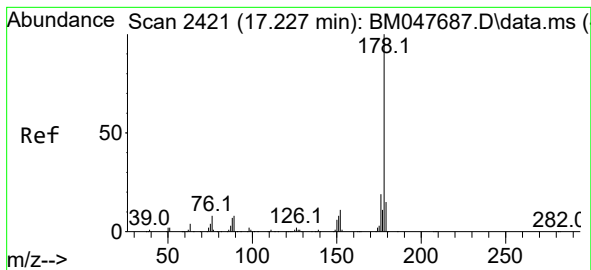
Tgt Ion:169 Resp: 32788
Ion Ratio Lower Upper
169 100
168 19.5 53.5 80.3#
167 11.4 30.0 45.0#



#71
Pentachlorophenol
Concen: 990.763 ng/ul
RT: 16.856 min Scan# 2358
Delta R.T. 0.017 min
Lab File: BM047697.D
Acq: 28 Sep 2024 18:39

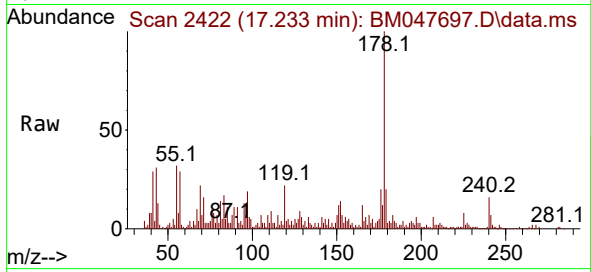
Tgt Ion:266 Resp: 7084406
Ion Ratio Lower Upper
266 100
264 63.7 50.2 75.2
268 63.8 50.9 76.3





#72
 Phenanthrene
 Concen: 1.486 ng/ul
 RT: 17.233 min Scan# 2421
 Delta R.T. 0.006 min
 Lab File: BM047697.D
 Acq: 28 Sep 2024 18:39

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.6	12.0	18.0
176	20.0	15.4	23.0

