

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092824\
 Data File : BM047693.D
 Acq On : 28 Sep 2024 16:01
 Operator : RC/JU
 Sample : P3927-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDC92

Quant Time: Sep 29 00:40:02 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)

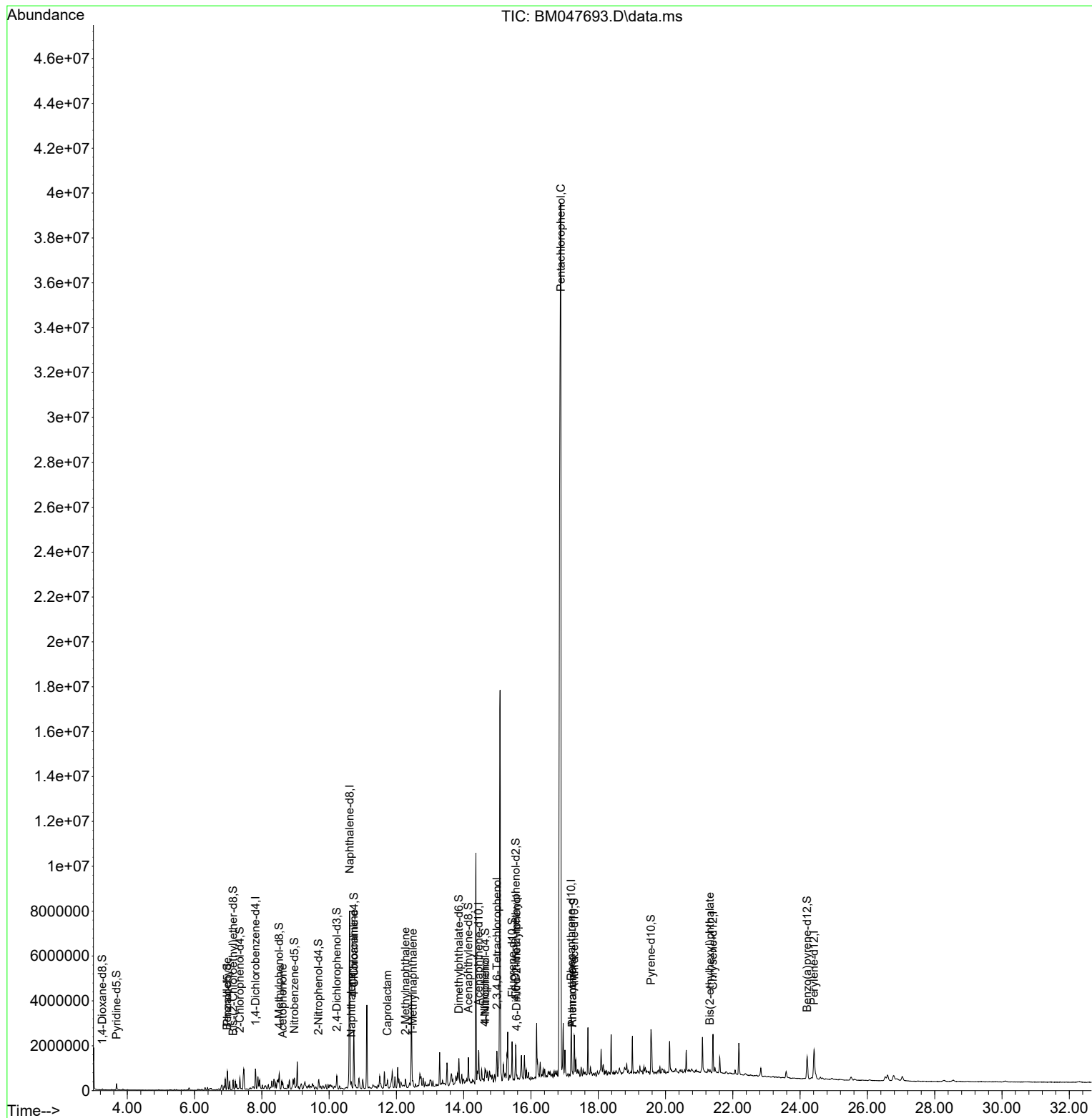
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	167540	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	752670	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	443851	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	860005	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	837212	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	968350	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	15833	3.054	ng/uL	0.00
4) Pyridine-d5	3.681	84	144452	9.516	ng/ul	0.00
7) Phenol-d5	6.975	99	277078	17.489	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	192578	17.130	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	205658	17.842	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	212134	18.010	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	98184	16.384	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	96627	16.825	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	193771	16.890	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	182408	10.285	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	613421	19.063	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	728529	19.094	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	91344	14.257	ng/ul	0.00
60) Fluorene-d10	15.439	176	540722	19.399	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	65580	13.031	ng/ul	0.00
73) Anthracene-d10	17.286	188	776639	18.366	ng/ul	0.00
81) Pyrene-d10	19.568	212	993221	20.903	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.209	264	951003	18.928	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	6.969	77	9146	1.062	ng/ul#	1
16) Acetophenone	8.622	105	167173	8.295	ng/ul#	30
30) Naphthalene	10.657	128	211437	4.884	ng/ul	99
32) 4-Chloroaniline	10.734	127	134581	7.706	ng/ul#	48
34) Caprolactam	11.733	113	9739	2.571	ng/ul	77
36) 2-Methylnaphthalene	12.269	142	140973	5.125	ng/ul	99
37) 1-Methylnaphthalene	12.486	142	94185	3.365	ng/ul	98
55) 4-Nitrophenol	14.627	109	10797	2.007	ng/ul#	15
58) 2,3,4,6-Tetrachlorophenol	14.992	232	194322	26.967	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.569	198	6042	1.083	ng/ul#	1
71) Pentachlorophenol	16.886	266	16112789	2456.277	ng/ul	99
72) Phenanthrene	17.233	178	118130	2.342	ng/ul	96
74) Anthracene	17.233	178	118130	2.296	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.321	149	33353	1.009	ng/ul#	90

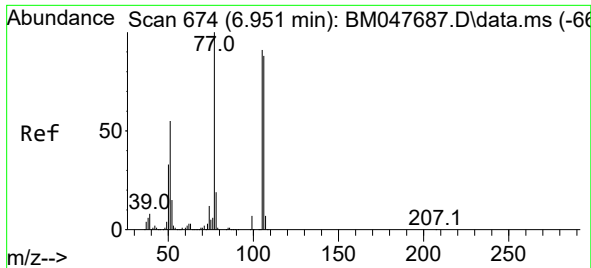
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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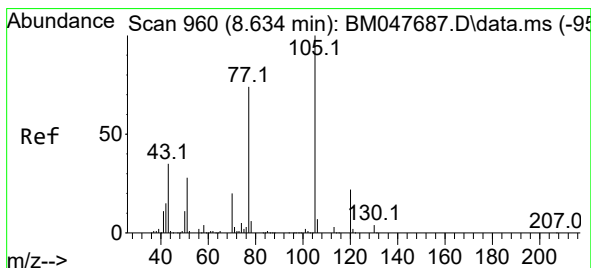
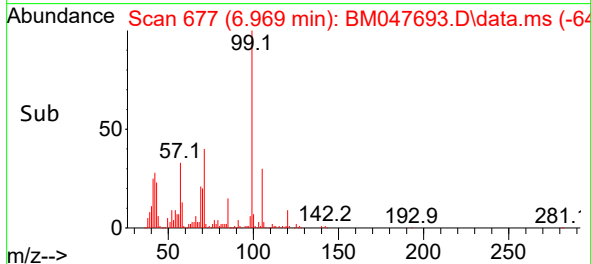
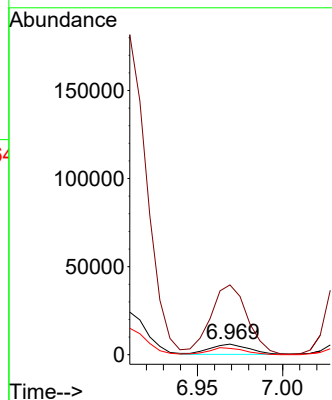
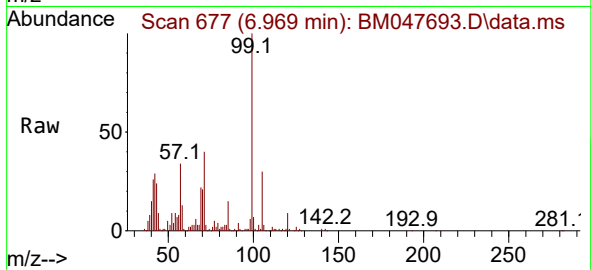




#6
Benzaldehyde
Concen: 1.062 ng/ul
RT: 6.969 min Scan# 611
Delta R.T. 0.018 min
Lab File: BM047693.D
Acq: 28 Sep 2024 16:01

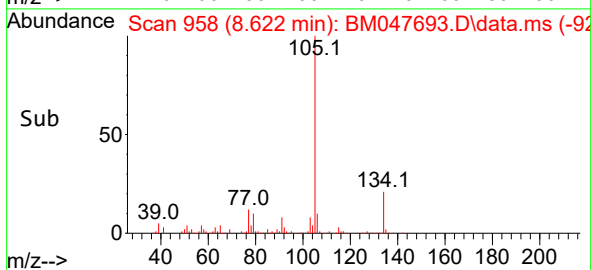
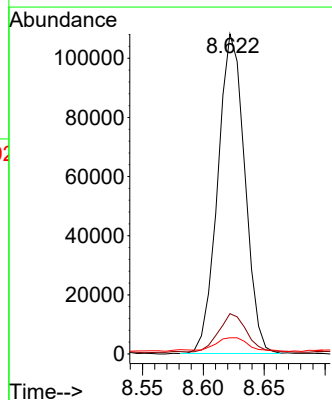
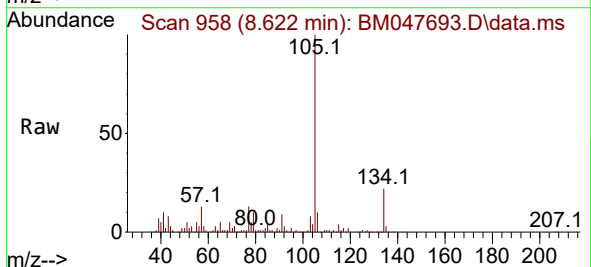
Instrument :
BNA_M
ClientSampleId :
DDC92

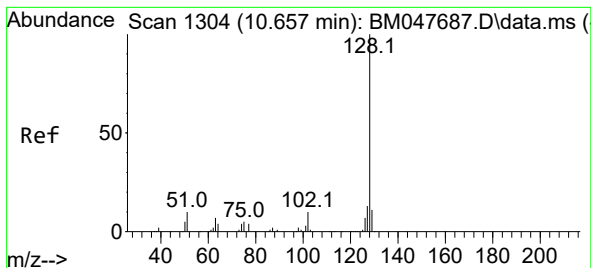
Tgt Ion: 77 Resp: 9146
Ion Ratio Lower Upper
77 100
105 659.0 72.2 108.2#
106 58.3 70.7 106.1#



#16
Acetophenone
Concen: 8.295 ng/ul
RT: 8.622 min Scan# 958
Delta R.T. -0.012 min
Lab File: BM047693.D
Acq: 28 Sep 2024 16:01

Tgt Ion: 105 Resp: 167173
Ion Ratio Lower Upper
105 100
77 12.6 66.6 100.0#
51 5.1 27.0 40.4#

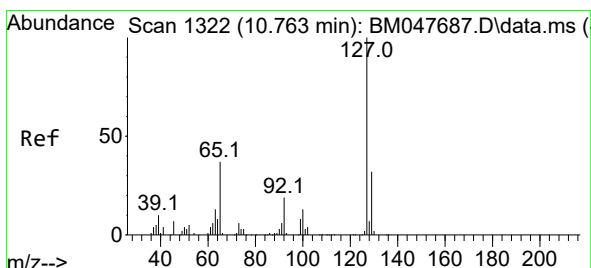
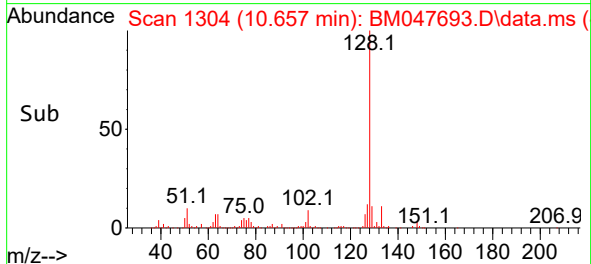
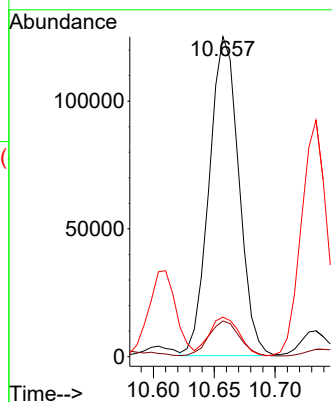
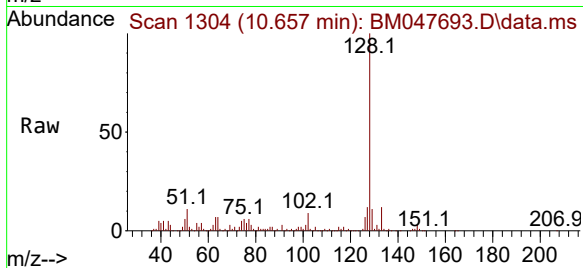




#30
Naphthalene
Concen: 4.884 ng/ul
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047693.D
Acq: 28 Sep 2024 16:01

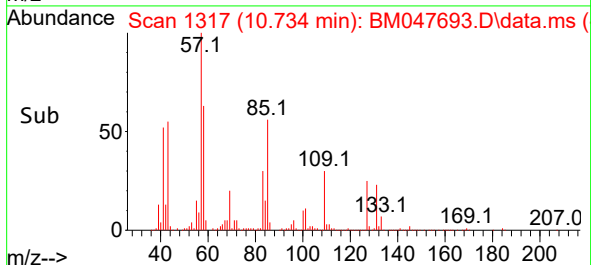
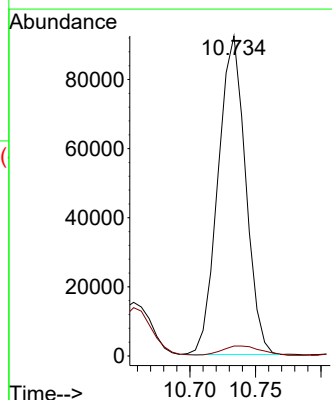
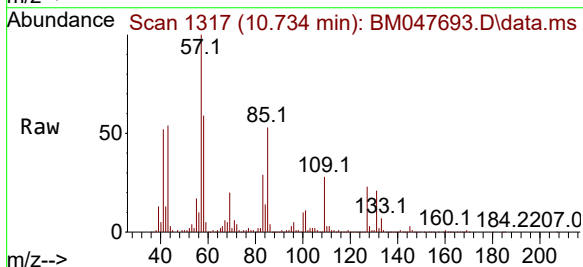
Instrument :
BNA_M
ClientSampleId :
DDC92

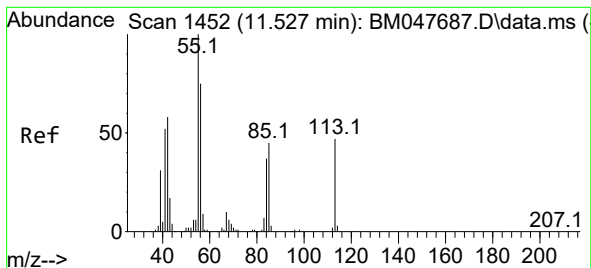
Tgt Ion:128 Resp: 211437
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 12.4 10.4 15.6



#32
4-Chloroaniline
Concen: 7.706 ng/ul
RT: 10.734 min Scan# 1317
Delta R.T. -0.029 min
Lab File: BM047693.D
Acq: 28 Sep 2024 16:01

Tgt Ion:127 Resp: 134581
Ion Ratio Lower Upper
127 100
129 3.1 25.9 38.9#

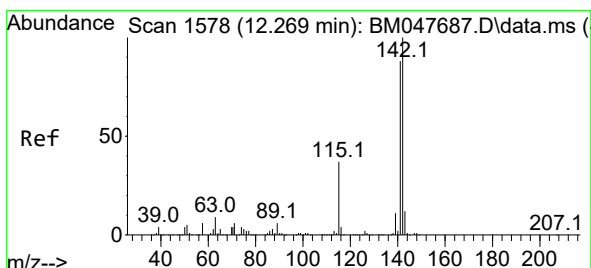
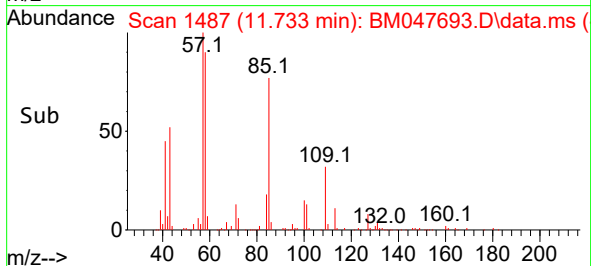
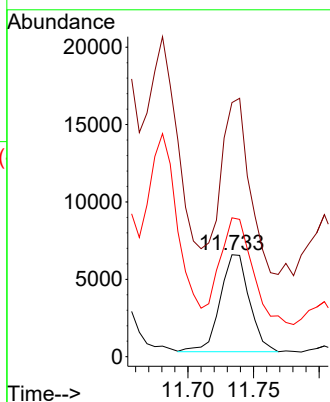
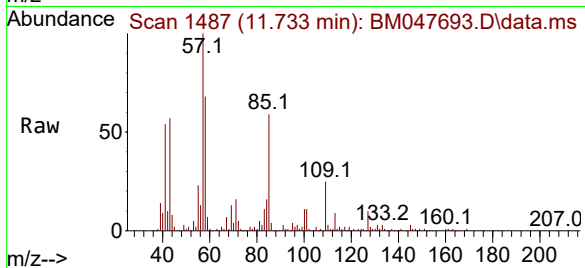




#34
Caprolactam
Concen: 2.571 ng/ul
RT: 11.733 min Scan# 1452
Delta R.T. 0.200 min
Lab File: BM047693.D
Acq: 28 Sep 2024 16:01

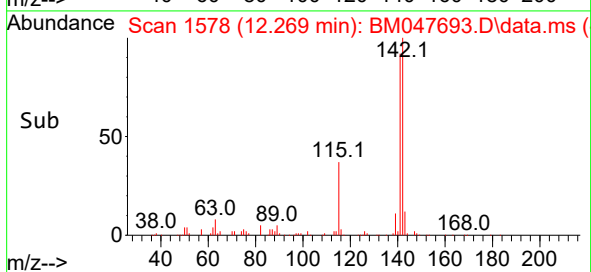
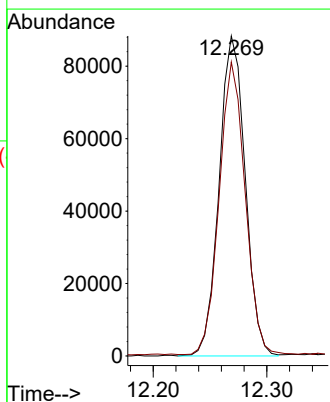
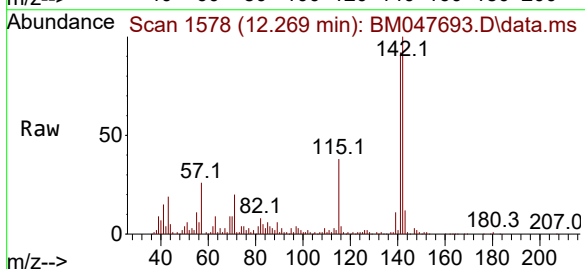
Instrument :
BNA_M
ClientSampleId :
DDC92

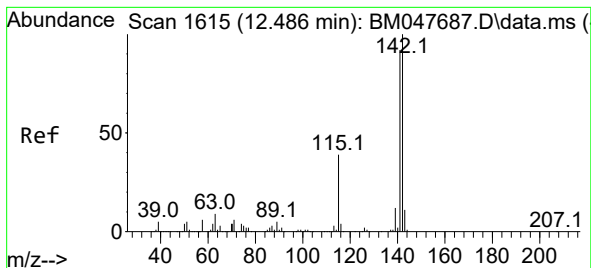
Tgt Ion:113 Resp: 9739
Ion Ratio Lower Upper
113 100
55 249.3 167.9 251.9
56 136.2 131.3 196.9



#36
2-Methylnaphthalene
Concen: 5.125 ng/ul
RT: 12.269 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BM047693.D
Acq: 28 Sep 2024 16:01

Tgt Ion:142 Resp: 140973
Ion Ratio Lower Upper
142 100
141 91.8 72.5 108.7





#37

1-Methylnaphthalene

Concen: 3.365 ng/ul

RT: 12.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047693.D

Acq: 28 Sep 2024 16:01

Instrument :

BNA_M

ClientSampleId :

DDC92

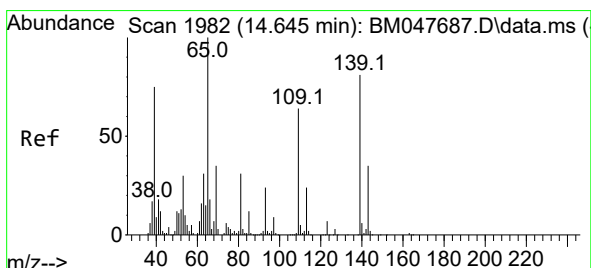
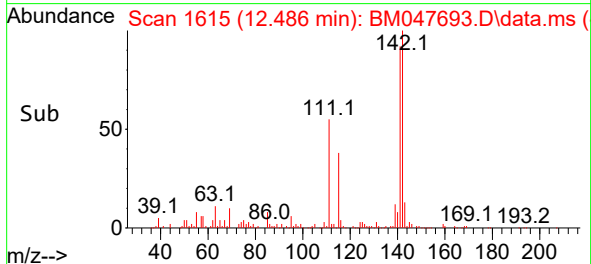
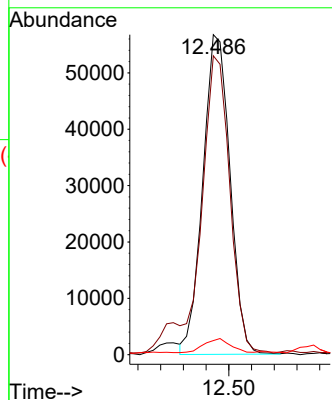
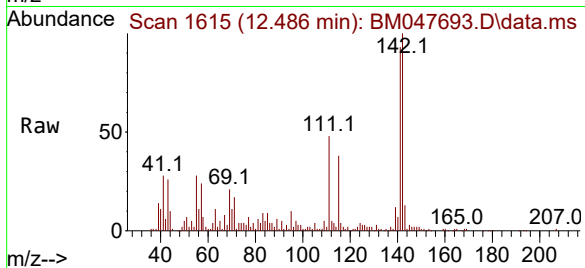
Tgt Ion:142 Resp: 94185

Ion Ratio Lower Upper

142 100

141 93.4 73.4 110.2

116 4.4 3.0 4.6



#55

4-Nitrophenol

Concen: 2.007 ng/ul

RT: 14.627 min Scan# 1979

Delta R.T. -0.024 min

Lab File: BM047693.D

Acq: 28 Sep 2024 16:01

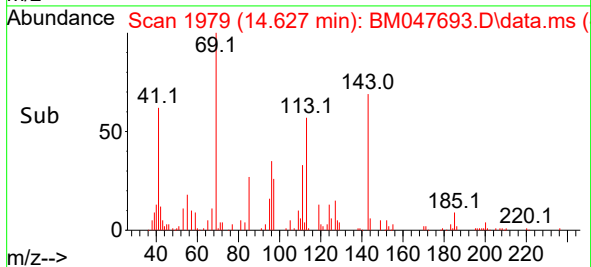
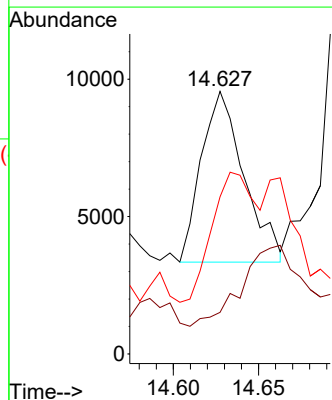
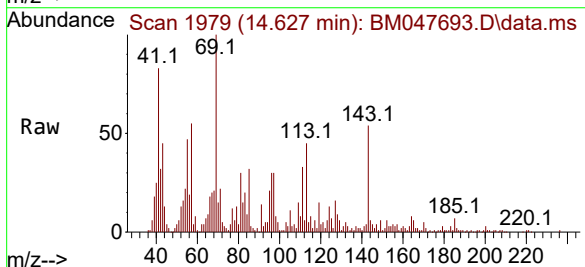
Tgt Ion:109 Resp: 10797

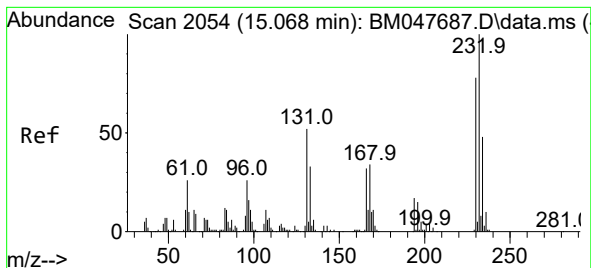
Ion Ratio Lower Upper

109 100

139 15.8 105.7 158.5#

65 59.8 123.1 184.7#

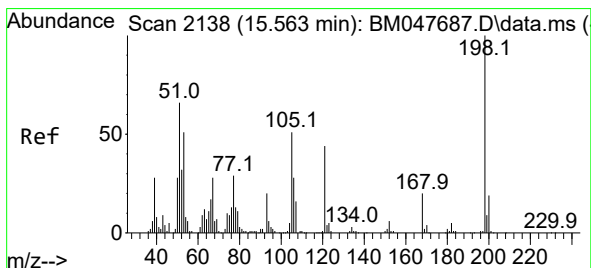
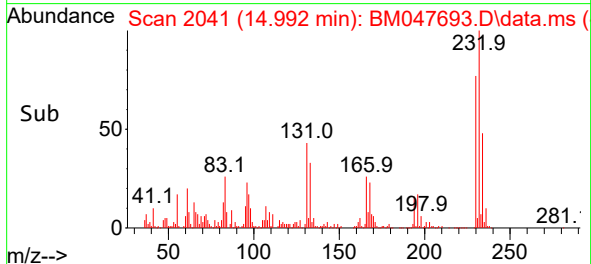
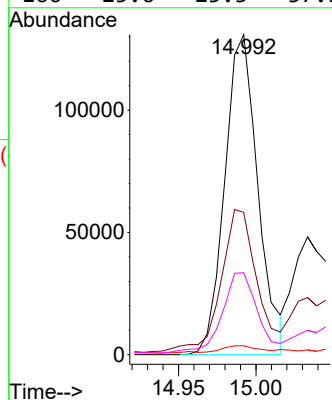
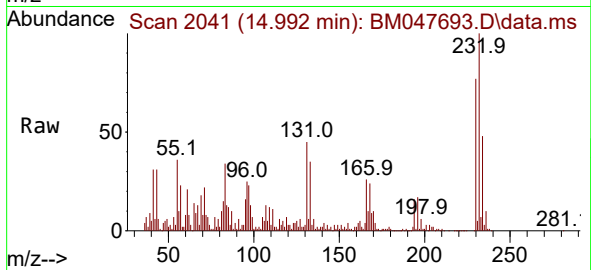




#58
2,3,4,6-Tetrachlorophenol
Concen: 26.967 ng/ul
RT: 14.992 min Scan# 2054
Delta R.T. -0.076 min
Lab File: BM047693.D
Acq: 28 Sep 2024 16:01

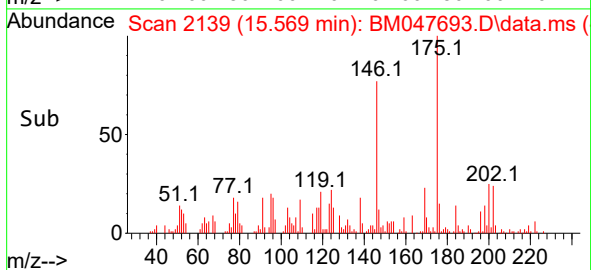
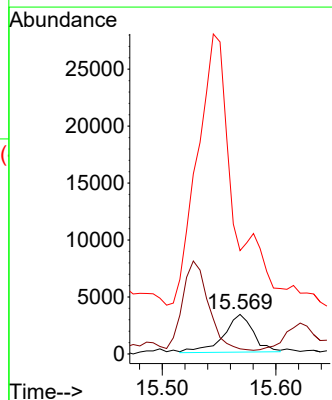
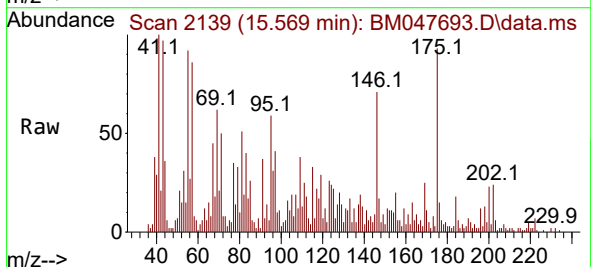
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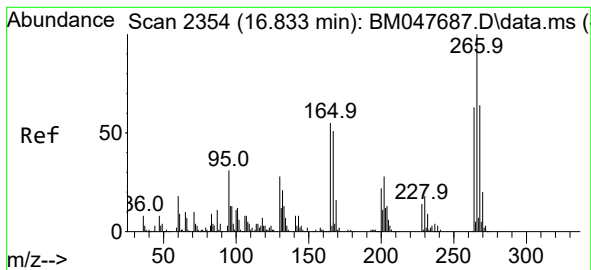
Tgt Ion:232 Resp: 194322
Ion Ratio Lower Upper
232 100
131 44.5 40.2 60.4
130 2.8 2.6 4.0
166 25.6 25.3 37.9



#66
4,6-Dinitro-2-methylphenol
Concen: 1.083 ng/ul
RT: 15.569 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BM047693.D
Acq: 28 Sep 2024 16:01

Tgt Ion:198 Resp: 6042
Ion Ratio Lower Upper
198 100
182 13.1 5.1 7.7#
77 261.7 26.2 39.2#





#71

Pentachlorophenol

Concen: 2456.277 ng/ul

RT: 16.886 min Scan# 21

Delta R.T. 0.047 min

Lab File: BM047693.D

Acq: 28 Sep 2024 16:01

Instrument :

BNA_M

ClientSampleId :

DDC92

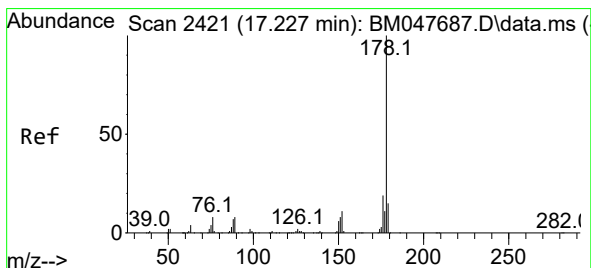
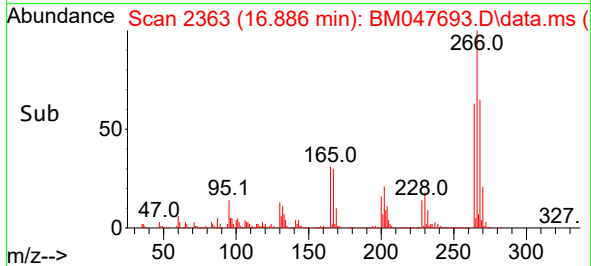
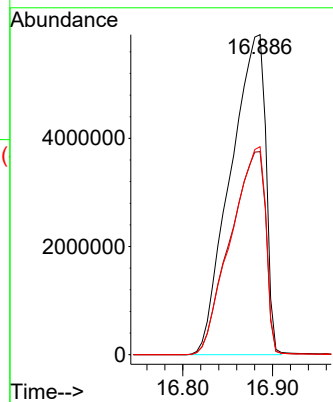
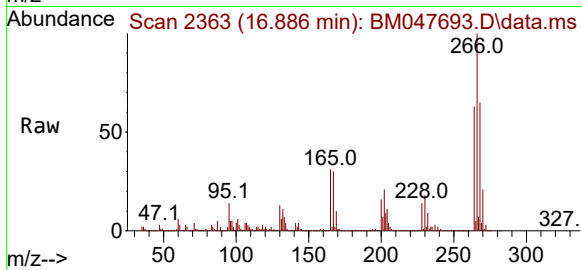
Tgt Ion:266 Resp:16112789

Ion Ratio Lower Upper

266 100

264 63.5 50.2 75.2

268 65.0 50.9 76.3



#72

Phenanthrene

Concen: 2.342 ng/ul

RT: 17.233 min Scan# 2422

Delta R.T. 0.006 min

Lab File: BM047693.D

Acq: 28 Sep 2024 16:01

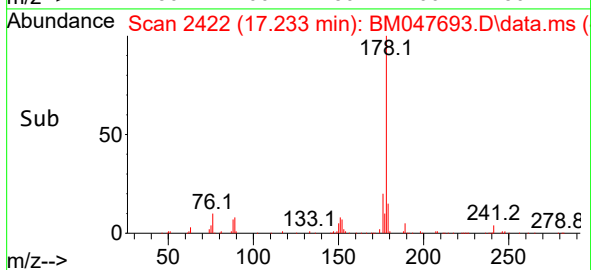
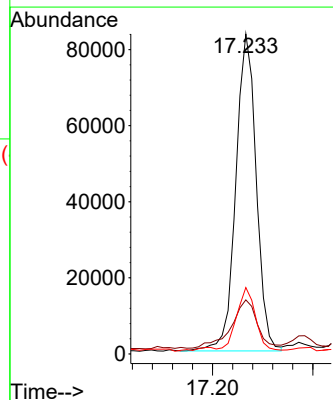
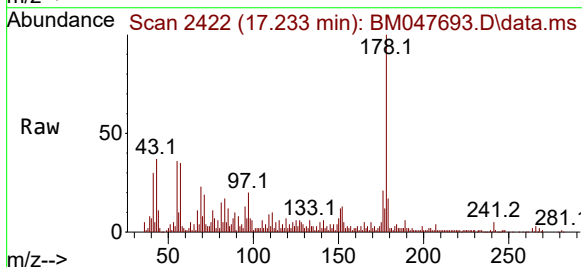
Tgt Ion:178 Resp: 118130

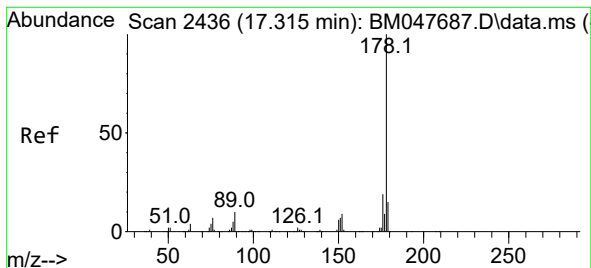
Ion Ratio Lower Upper

178 100

179 16.9 12.0 18.0

176 20.7 15.4 23.0





#74

Anthracene

Concen: 2.296 ng/ul

RT: 17.233 min Scan# 2436

Delta R.T. -0.082 min

Lab File: BM047693.D

Acq: 28 Sep 2024 16:01

Instrument :

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ClientSampleId :

DDC92

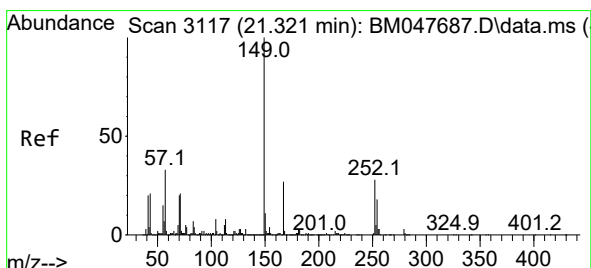
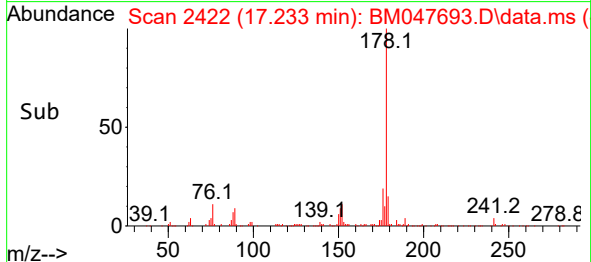
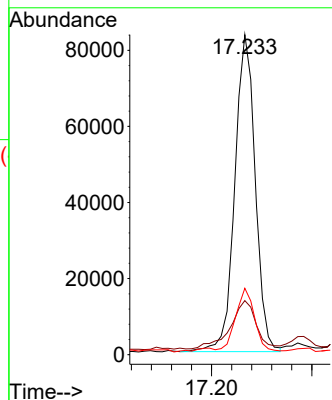
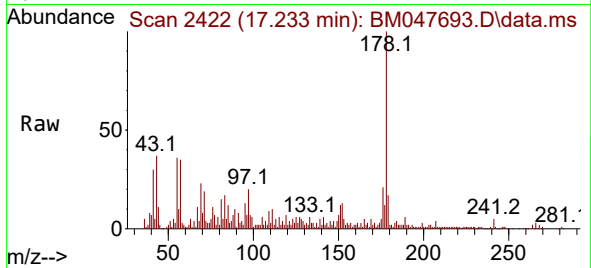
Tgt Ion:178 Resp: 118130

Ion Ratio Lower Upper

178 100

179 16.9 12.4 18.6

176 20.7 14.7 22.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.009 ng/ul

RT: 21.321 min Scan# 3117

Delta R.T. -0.000 min

Lab File: BM047693.D

Acq: 28 Sep 2024 16:01

Tgt Ion:149 Resp: 33353

Ion Ratio Lower Upper

149 100

167 31.9 21.3 31.9

279 6.3 2.7 4.1#

