

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
 Data File : BM045180.D
 Acq On : 12 Apr 2024 20:37
 Operator : MA/JU
 Sample : P2006-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MCORE9

Quant Time: Apr 12 22:37:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 18:54:49 2024
 Response via : Initial Calibration

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

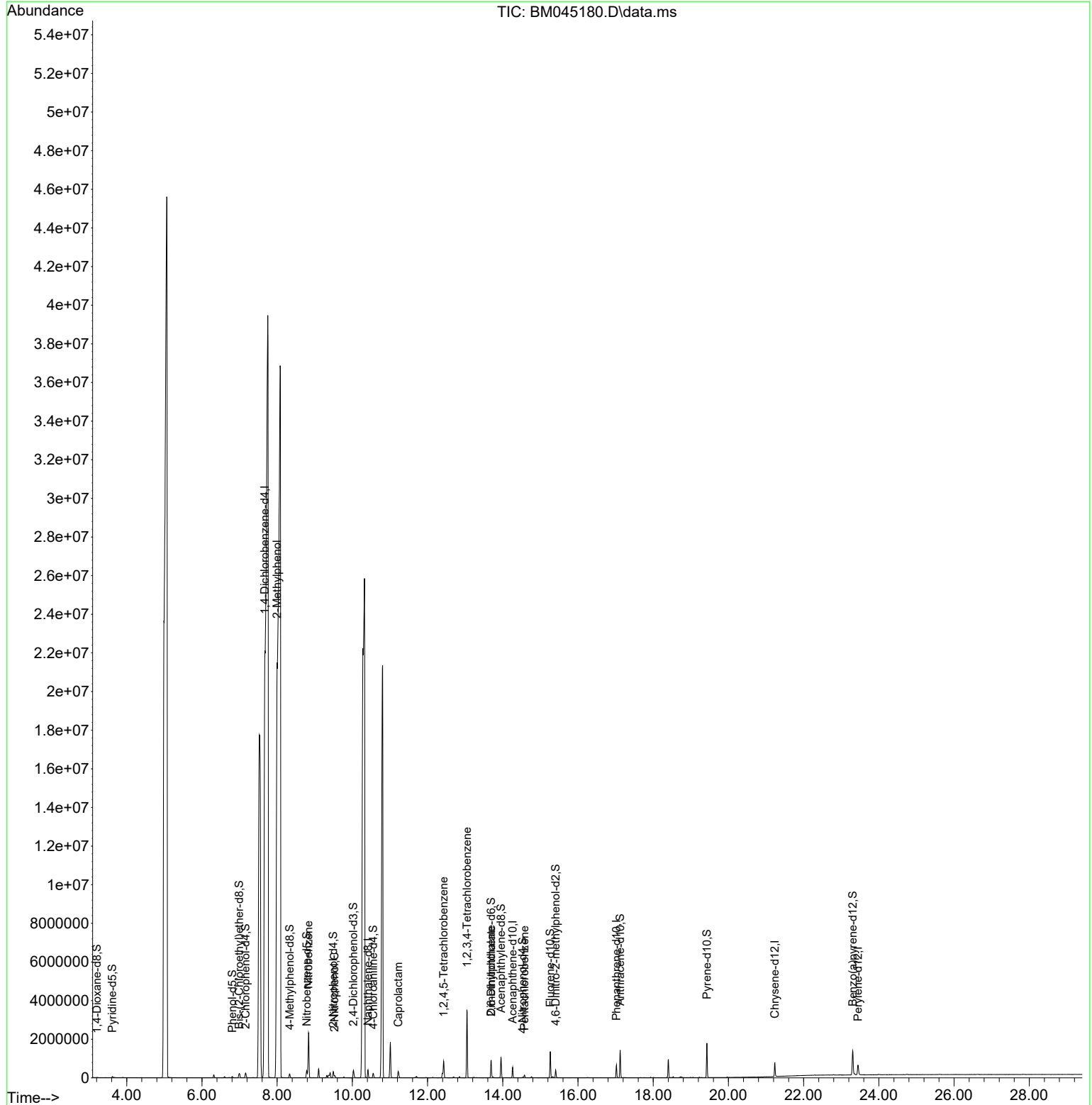
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	87308	20.000	ng/u1	0.05
20) Naphthalene-d8	10.416	136	277144	20.000	ng/u1	# 0.02
38) Acenaphthene-d10	14.263	164	178363	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.021	188	369488	20.000	ng/u1	0.00
79) Chrysene-d12	21.233	240	346755	20.000	ng/u1	0.00
88) Perylene-d12	23.444	264	375353	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	7663	3.277	ng/uL	0.00
4) Pyridine-d5	3.616	84	49227	7.742	ng/u1	0.01
7) Phenol-d5	6.804	99	38695	5.228	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	139939	31.734	ng/u1	0.02
11) 2-Chlorophenol-d4	7.163	132	138738	23.926	ng/u1	0.01
15) 4-Methylphenol-d8	8.334	113	78138	13.487	ng/u1	0.00
21) Nitrobenzene-d5	8.786	128	92645	43.519	ng/u1	0.00
24) 2-Nitrophenol-d4	9.492	143	101215	45.046	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	151731	36.831	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	129897	19.804	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	563991	45.414	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	659837	44.974	ng/u1	0.00
54) 4-Nitrophenol-d4	14.527	143	10968	4.232	ng/u1	0.03
60) Fluorene-d10	15.262	176	482109	43.544	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	83302	38.024	ng/u1	0.00
73) Anthracene-d10	17.121	188	762061	45.848	ng/u1	0.00
81) Pyrene-d10	19.427	212	895711	52.460	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.303	264	871040	47.570	ng/u1	0.00
Target Compounds						
					Qvalue	
13) 2-Methylphenol	7.998	108	85042	15.032	ng/u1#	73
22) Nitrobenzene	8.833	77	1232731	236.022	ng/u1	97
25) 2-Nitrophenol	9.522	139	15014	6.020	ng/u1#	79
34) Caprolactam	11.222	113	22898	16.295	ng/u1#	1
39) 1,2,4,5-Tetrachloroben...	12.427	216	244469	50.118	ng/u1	98
48) 2,6-Dinitrotoluene	13.692	165	2581	1.014	ng/u1#	46
75) 1,2,3,4-Tetrachloroben...	13.051	216	848523	182.205	ng/uL	99
76) Pentachlorobenzene	14.574	250	32277	6.514	ng/uL	97

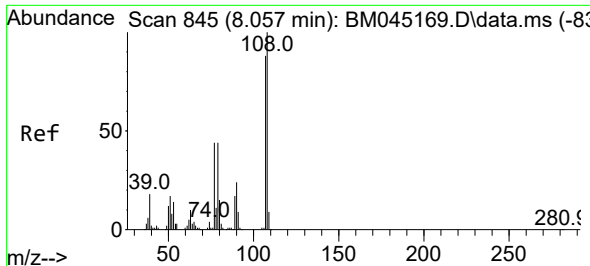
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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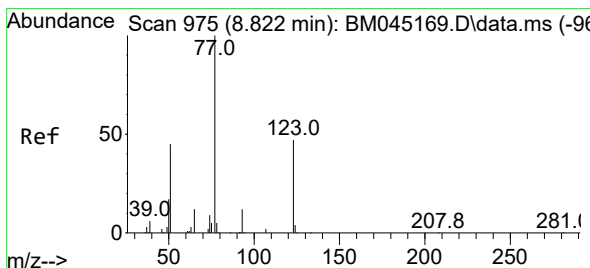
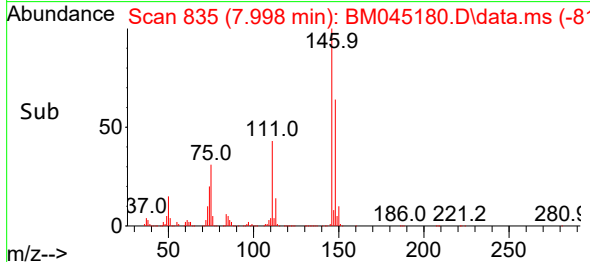
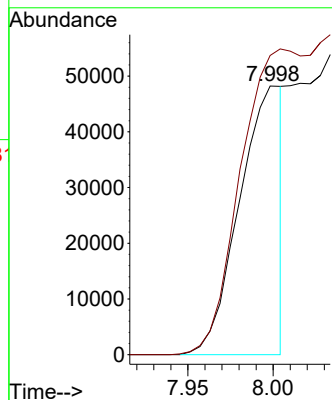
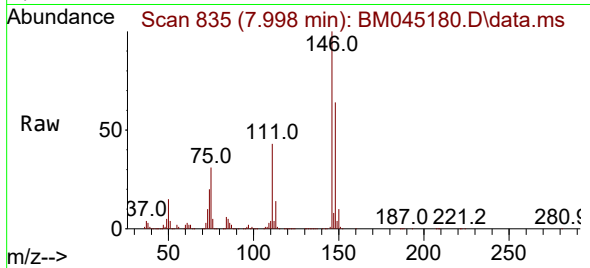




#13
2-Methylphenol
Concen: 15.032 ng/ul
RT: 7.998 min Scan# 81
Delta R.T. -0.065 min
Lab File: BM045180.D
Acq: 12 Apr 2024 20:37

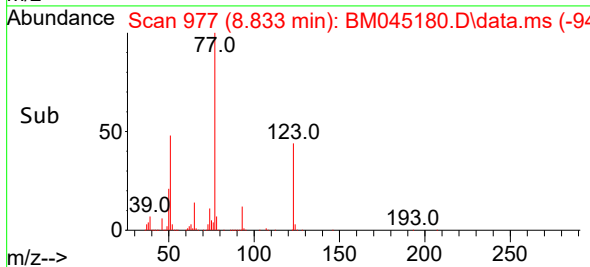
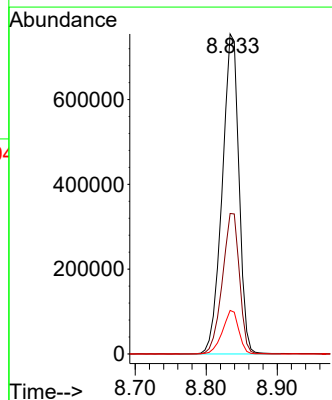
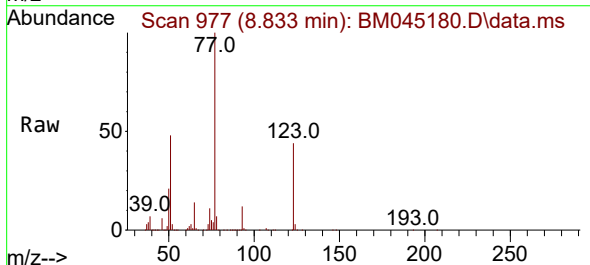
Instrument :
BNA_M
ClientSampleId :
MC0RE9

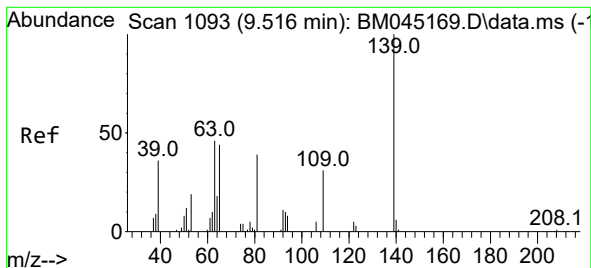
Tgt Ion:108 Resp: 85042
Ion Ratio Lower Upper
108 100
107 111.4 69.1 103.7#



#22
Nitrobenzene
Concen: 236.022 ng/ul
RT: 8.833 min Scan# 977
Delta R.T. 0.012 min
Lab File: BM045180.D
Acq: 12 Apr 2024 20:37

Tgt Ion: 77 Resp: 1232731
Ion Ratio Lower Upper
77 100
123 43.9 37.4 56.2
65 13.6 10.7 16.1

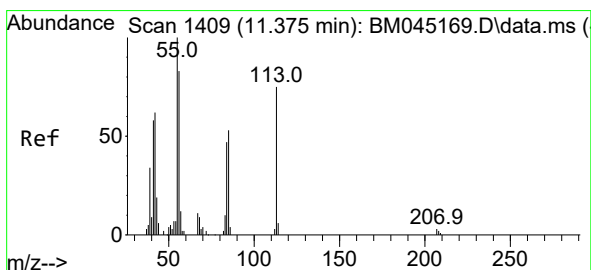
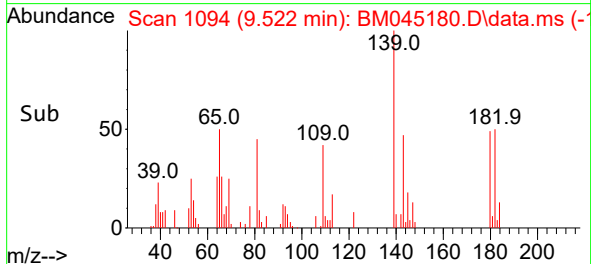
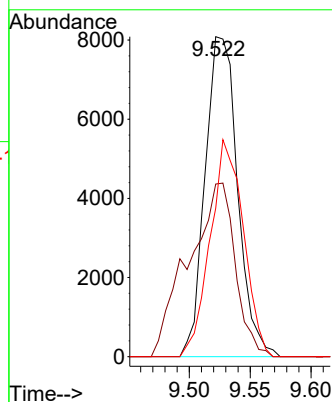
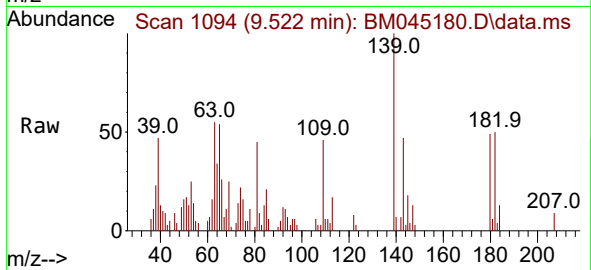




#25
2-Nitrophenol
Concen: 6.020 ng/ul
RT: 9.522 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BM045180.D
Acq: 12 Apr 2024 20:37

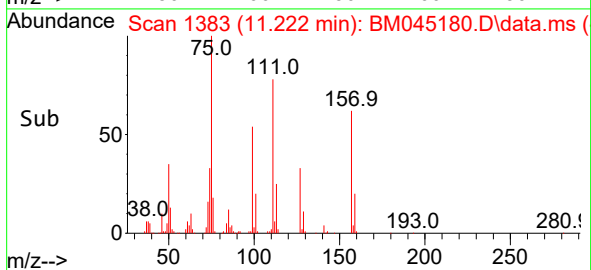
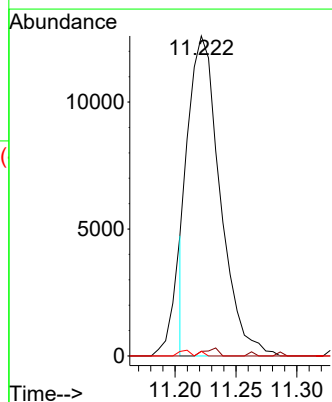
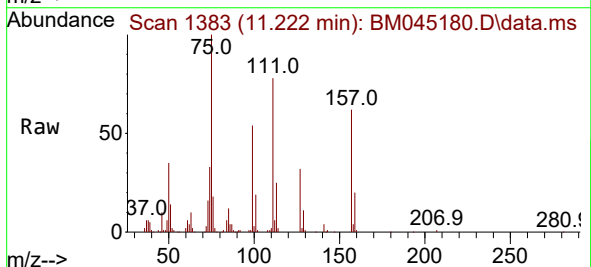
Instrument :
BNA_M
ClientSampleId :
MC09E9

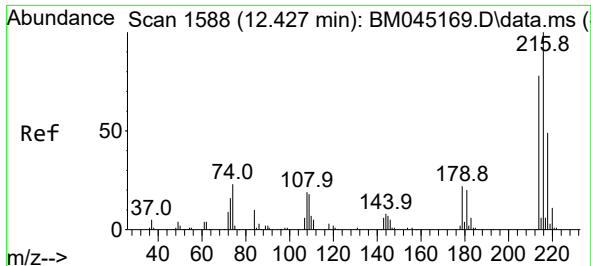
Tgt Ion:139 Resp: 15014
Ion Ratio Lower Upper
139 100
65 54.0 34.9 52.3#
109 46.4 24.4 36.6#



#34
Caprolactam
Concen: 16.295 ng/ul
RT: 11.222 min Scan# 1383
Delta R.T. -0.147 min
Lab File: BM045180.D
Acq: 12 Apr 2024 20:37

Tgt Ion:113 Resp: 22898
Ion Ratio Lower Upper
113 100
55 1.5 125.4 188.0#
56 1.5 91.8 137.8#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.118 ng/ul

RT: 12.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM045180.D

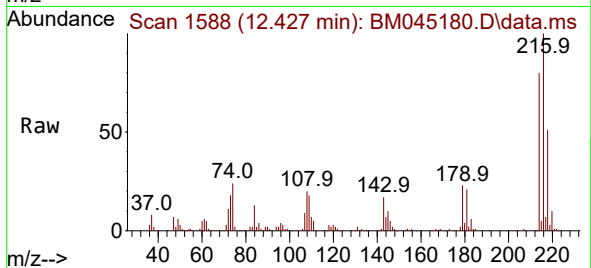
Acq: 12 Apr 2024 20:37

Instrument :

BNA_M

ClientSampleId :

MC0RE9



Tgt Ion:216 Resp: 244469

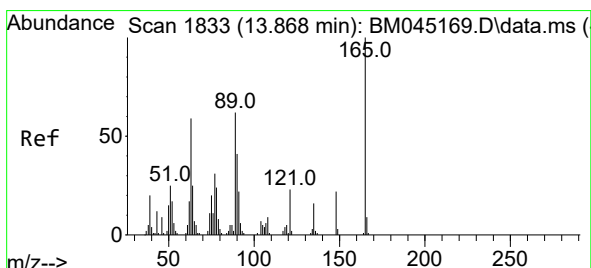
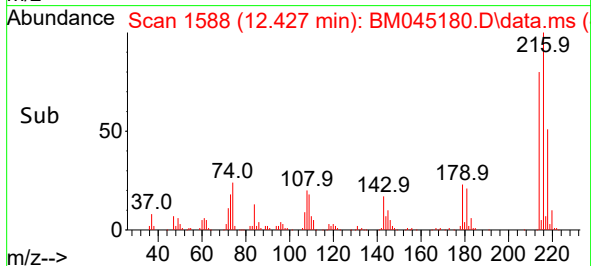
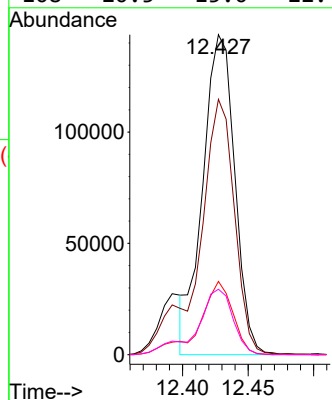
Ion Ratio Lower Upper

216 100

214 79.8 63.5 95.3

179 22.9 16.6 25.0

108 20.5 15.0 22.4



#48

2,6-Dinitrotoluene

Concen: 1.014 ng/ul

RT: 13.692 min Scan# 1803

Delta R.T. -0.176 min

Lab File: BM045180.D

Acq: 12 Apr 2024 20:37

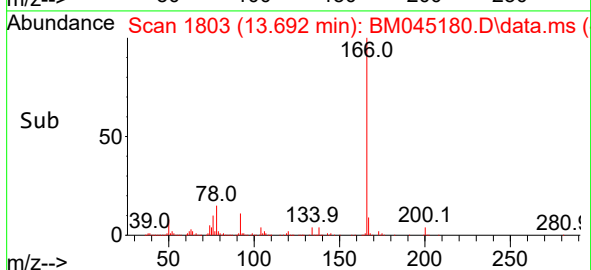
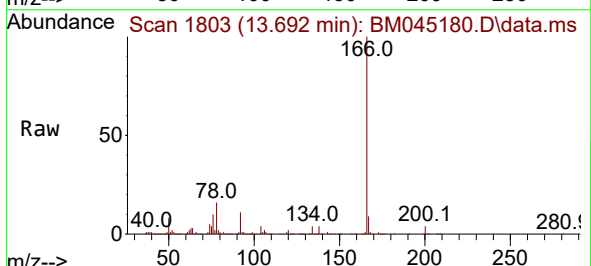
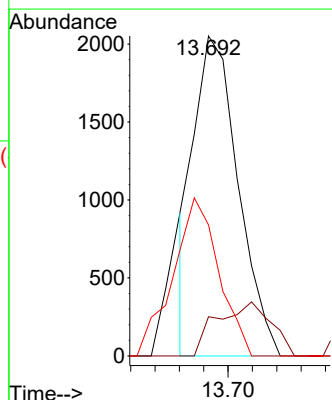
Tgt Ion:165 Resp: 2581

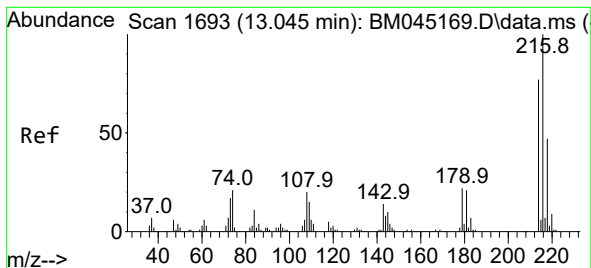
Ion Ratio Lower Upper

165 100

89 12.2 45.0 67.4#

121 40.9 18.0 27.0#

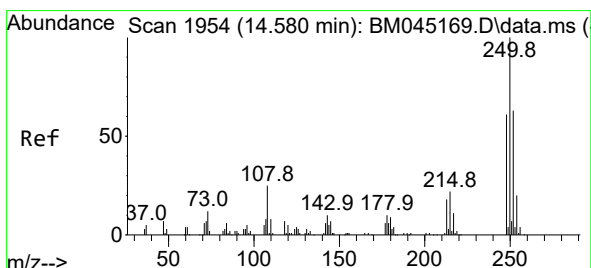
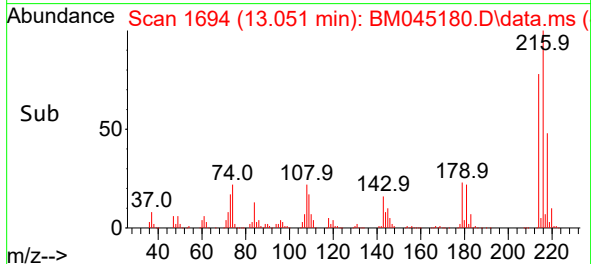
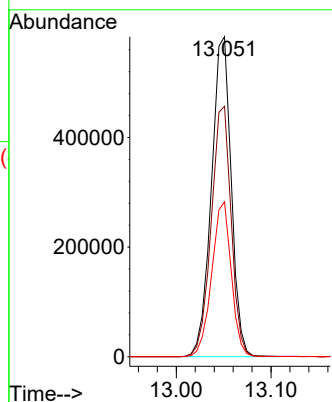
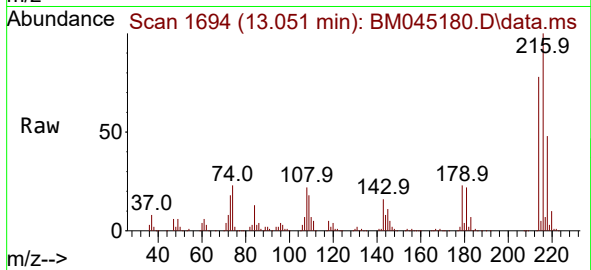




#75
1,2,3,4-Tetrachlorobenzene
Concen: 182.205 ng/uL
RT: 13.051 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM045180.D
Acq: 12 Apr 2024 20:37

Instrument :
BNA_M
ClientSampleId :
MC0RE9

Tgt Ion:216 Resp: 848523
Ion Ratio Lower Upper
216 100
214 78.2 64.1 96.1
218 48.4 38.6 58.0



#76
Pentachlorobenzene
Concen: 6.514 ng/uL
RT: 14.574 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM045180.D
Acq: 12 Apr 2024 20:37

Tgt Ion:250 Resp: 32277
Ion Ratio Lower Upper
250 100
248 62.1 49.8 74.6
252 66.5 49.4 74.2

