

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100224\
 Data File : BM047799.D
 Acq On : 03 Oct 2024 06:25
 Operator : RC/JU
 Sample : P4020-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCL0

Quant Time: Oct 03 07:01:38 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)

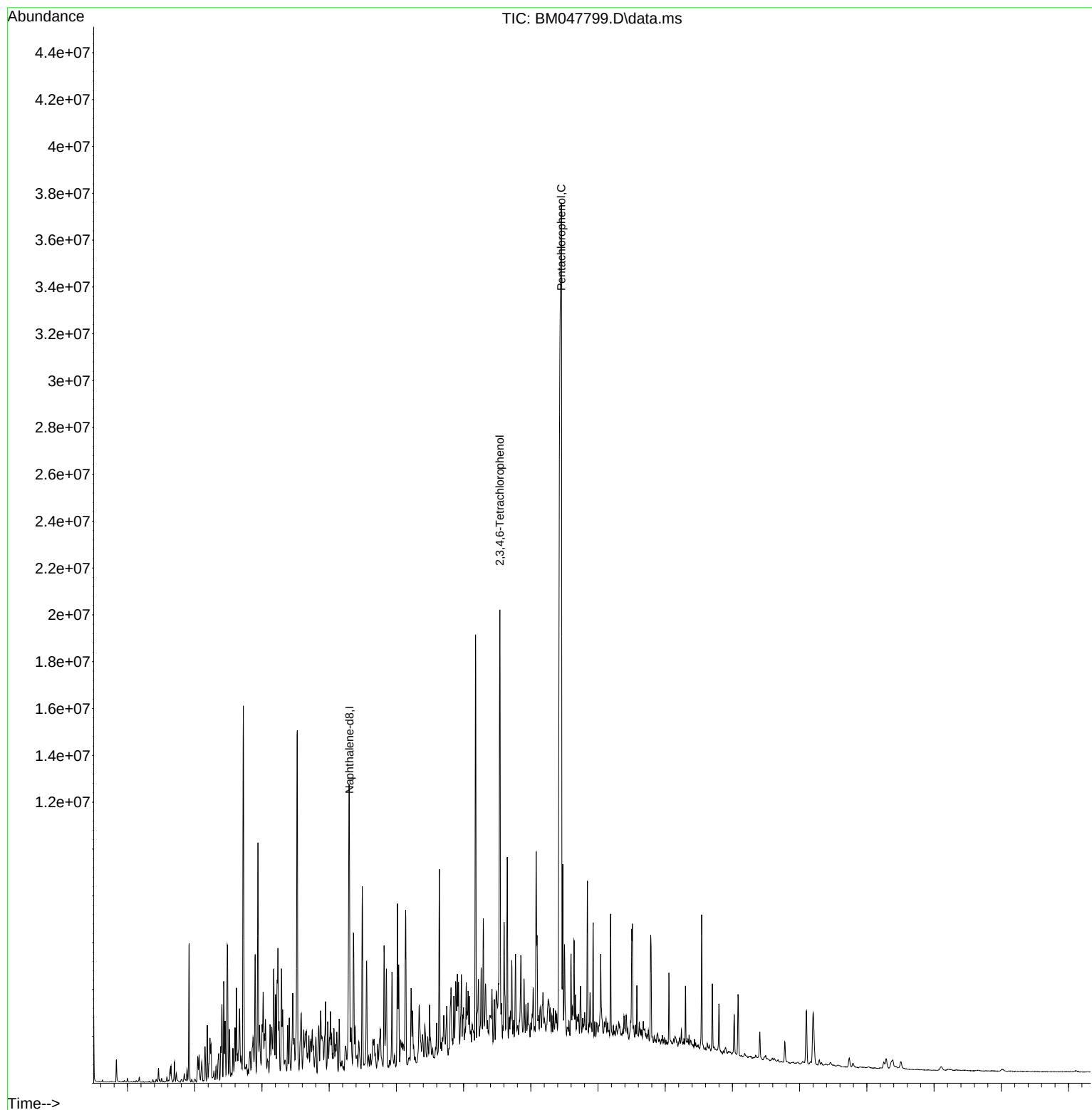
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	305184	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.604	136	1182912	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	833729	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	1592279	20.000	ng/ul	0.01
79) Chrysene-d12	21.403	240	1508562	20.000	ng/ul	0.00
88) Perylene-d12	24.403	264	1726832	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	32259	3.416	ng/uL	0.00
4) Pyridine-d5	3.669	84	513008	18.553	ng/ul	0.00
7) Phenol-d5	6.975	99	640479	22.194	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	396477	19.361	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.340	132	533480	25.409	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	503050	23.446	ng/ul	0.00
21) Nitrobenzene-d5	8.910	128	11684	1.241	ng/ul	-0.06
24) 2-Nitrophenol-d4	9.681	143	278578	30.865	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	510523	28.315	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	540860	19.403	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1459569	24.147	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1747146	24.378	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	254429	21.141	ng/ul	0.00
60) Fluorene-d10	15.433	176	1267598	24.211	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	195417	20.972	ng/ul	0.00
73) Anthracene-d10	17.292	188	1854828	23.690	ng/ul	0.00
81) Pyrene-d10	19.562	212	2197534	25.667	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	2258105	25.203	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.651	128	842186	12.377	ng/ul	98
36) 2-Methylnaphthalene	12.263	142	1341415	31.028	ng/ul	99
37) 1-Methylnaphthalene	12.480	142	856006	19.461	ng/ul	100
41) 2,4,6-Trichlorophenol	12.875	196	28111	1.790	ng/ul	92
42) 2,4,5-Trichlorophenol	12.945	196	21792	1.269	ng/ul	91
43) 1,1'-Biphenyl	13.275	154	149986	2.247	ng/ul#	84
52) Acenaphthene	14.504	153	60013	1.050	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.080	232	4659194	344.217	ng/ul#	91
61) Fluorene	15.492	166	117637	1.833	ng/ul#	93
71) Pentachlorophenol	16.910	266	24208500	1993.225	ng/ul	99
72) Phenanthrene	17.233	178	532713	5.705	ng/ul#	96

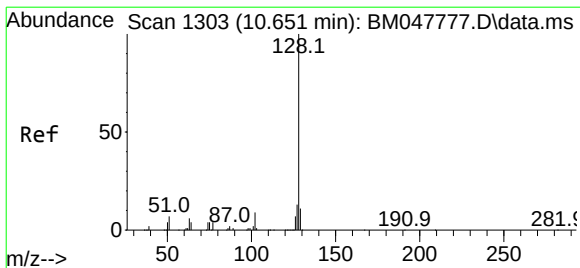
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration





#30

Naphthalene

Concen: 12.377 ng/u1

RT: 10.651 min Scan# 1303

Delta R.T. -0.012 min

Lab File: BM047799.D

Acq: 03 Oct 2024 06:25

Instrument :

BNA_M

ClientSampleId :

DDCL0

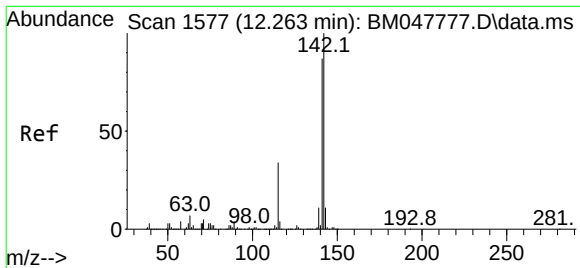
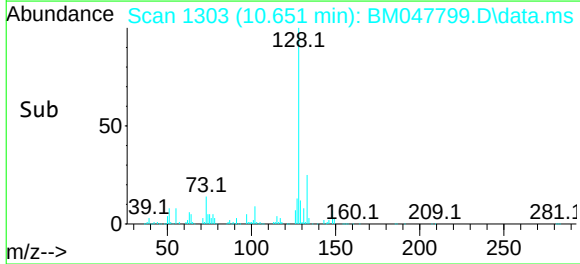
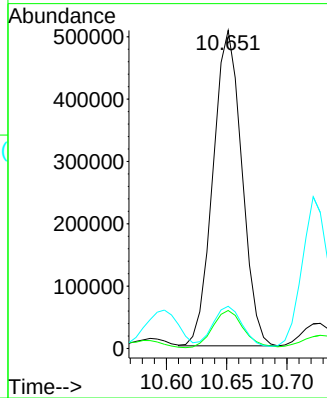
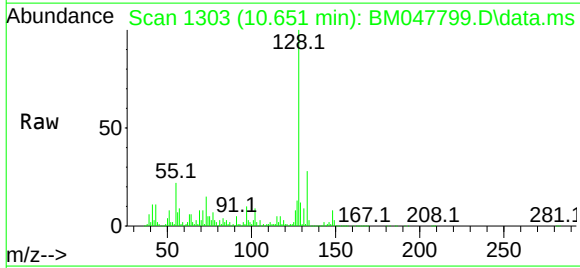
Tgt Ion:128 Resp: 842186

Ion Ratio Lower Upper

128 100

129 11.9 8.6 12.8

127 13.3 10.4 15.6



#36

2-Methylnaphthalene

Concen: 31.028 ng/u1

RT: 12.263 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BM047799.D

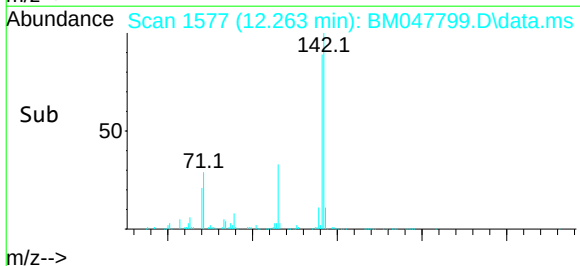
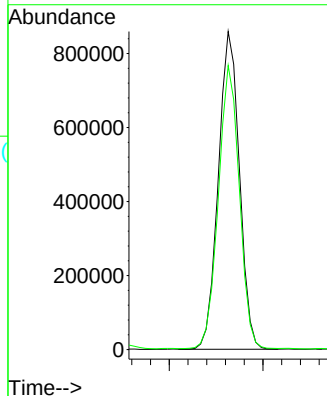
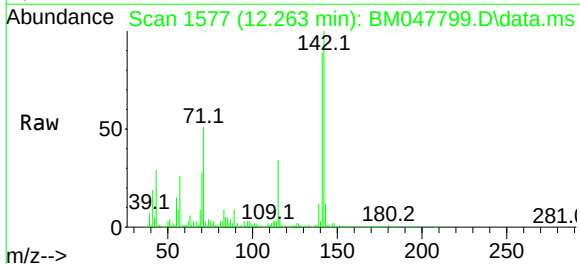
Acq: 03 Oct 2024 06:25

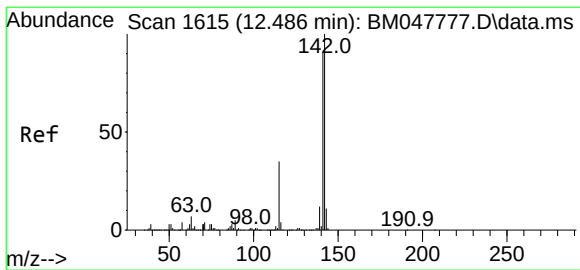
Tgt Ion:142 Resp: 1341415

Ion Ratio Lower Upper

142 100

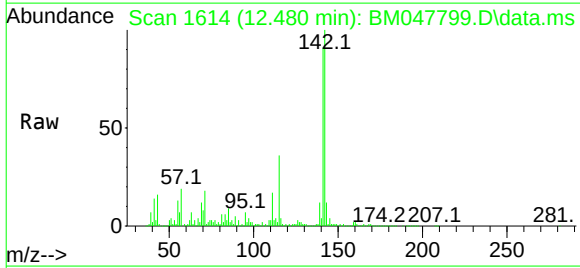
141 89.3 72.5 108.7



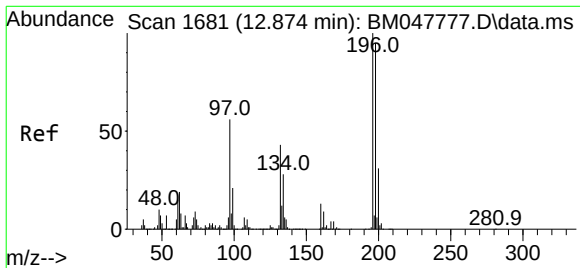
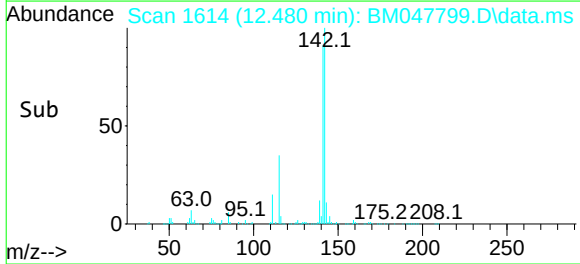
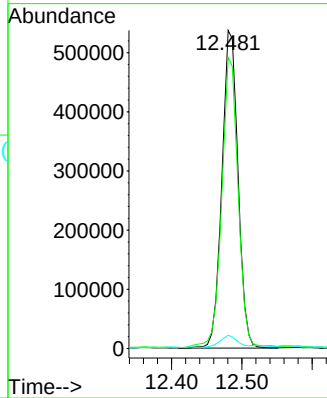


#37
1-Methylnaphthalene
Concen: 19.461 ng/ul
RT: 12.480 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BM047799.D
Acq: 03 Oct 2024 06:25

Instrument :
BNA_M
ClientSampleId :
DDCL0

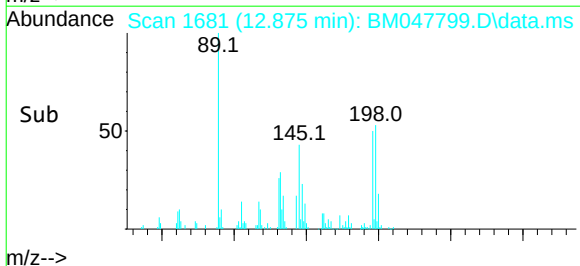
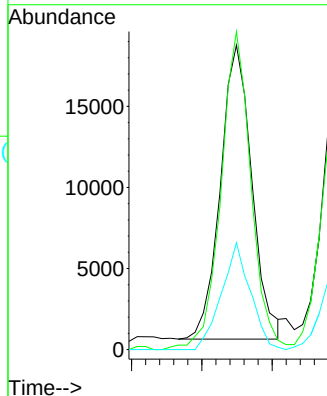
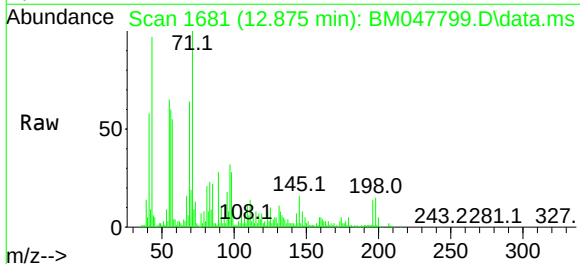


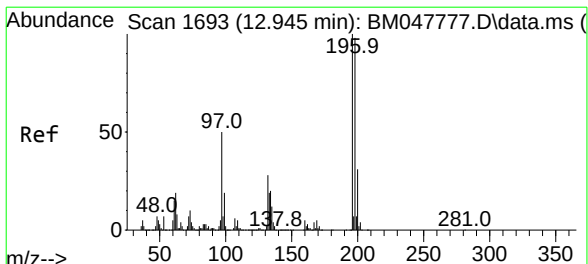
Tgt Ion:142 Resp: 856006
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2
116 4.2 3.0 4.6



#41
2,4,6-Trichlorophenol
Concen: 1.790 ng/ul
RT: 12.875 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM047799.D
Acq: 03 Oct 2024 06:25

Tgt Ion:196 Resp: 28111
Ion Ratio Lower Upper
196 100
198 104.5 77.1 115.7
200 35.1 24.5 36.7

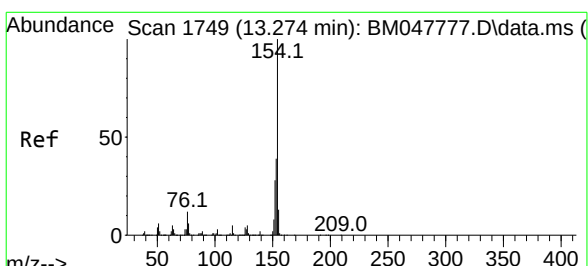
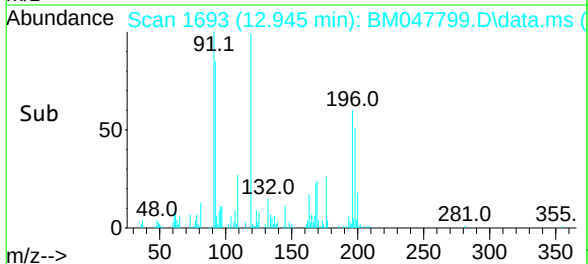
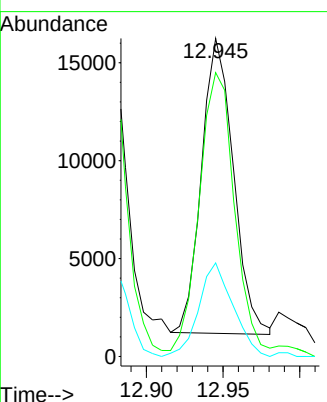
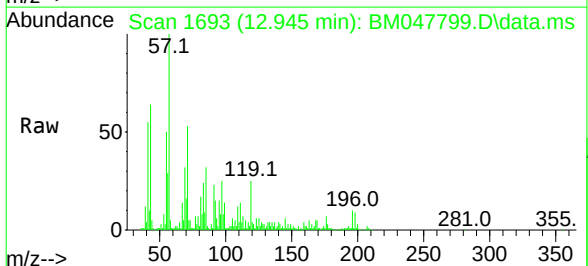




#42
 2,4,5-Trichlorophenol
 Concen: 1.269 ng/ul
 RT: 12.945 min Scan# 1693
 Delta R.T. -0.000 min
 Lab File: BM047799.D
 Acq: 03 Oct 2024 06:25

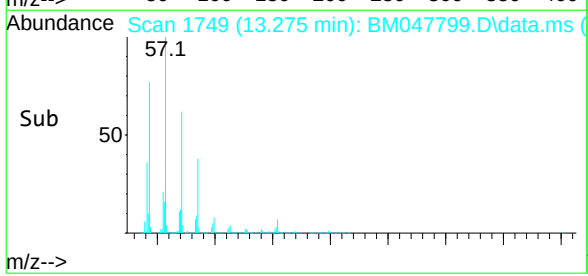
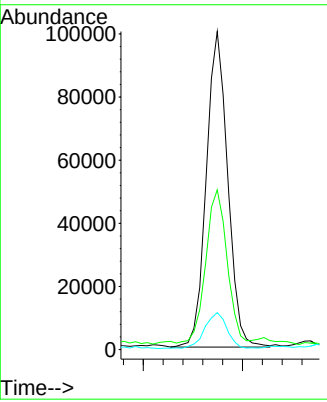
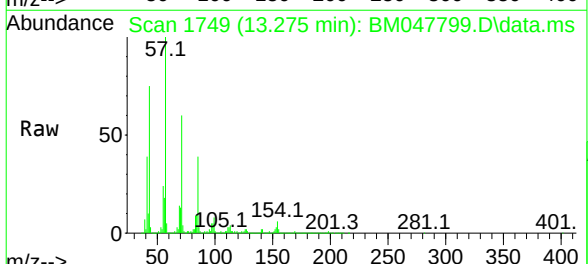
Instrument : BNA_M
 ClientSampleId : DDCL0

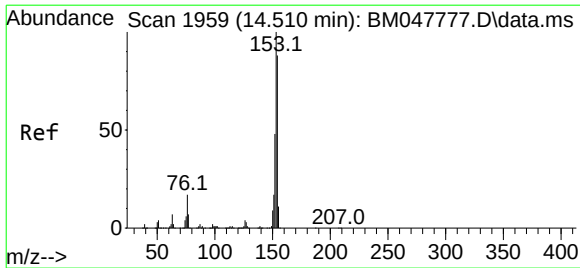
Tgt Ion:	196	Resp:	21792
Ion	Ratio	Lower	Upper
196	100		
198	89.3	79.5	119.3
200	29.4	25.8	38.8



#43
 1,1'-Biphenyl
 Concen: 2.247 ng/ul
 RT: 13.275 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: BM047799.D
 Acq: 03 Oct 2024 06:25

Tgt Ion:	154	Resp:	149986
Ion	Ratio	Lower	Upper
154	100		
153	50.2	31.1	46.7#
76	11.6	12.1	18.1#





#52

Acenaphthene

Concen: 1.050 ng/ul

RT: 14.504 min Scan# 19

Delta R.T. -0.006 min

Lab File: BM047799.D

Acq: 03 Oct 2024 06:25

Instrument :

BNA_M

ClientSampleId :

DDCL0

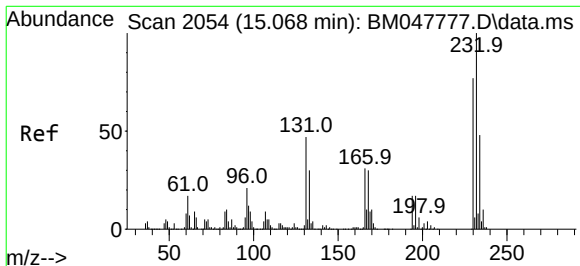
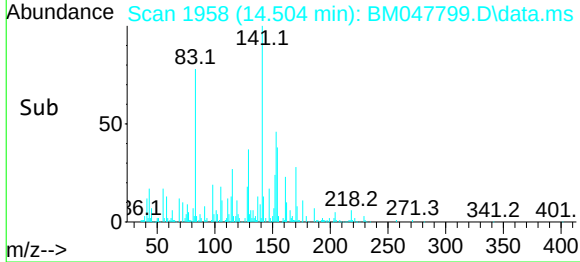
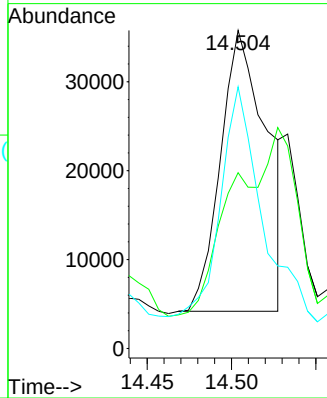
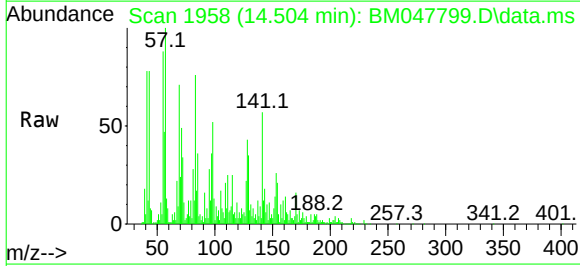
Tgt Ion:153 Resp: 60013

Ion Ratio Lower Upper

153 100

152 55.3 39.7 59.5

154 82.3 72.6 108.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 344.217 ng/ul

RT: 15.080 min Scan# 2056

Delta R.T. 0.012 min

Lab File: BM047799.D

Acq: 03 Oct 2024 06:25

Tgt Ion:232 Resp: 4659194

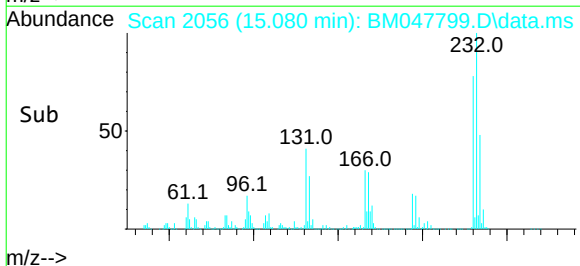
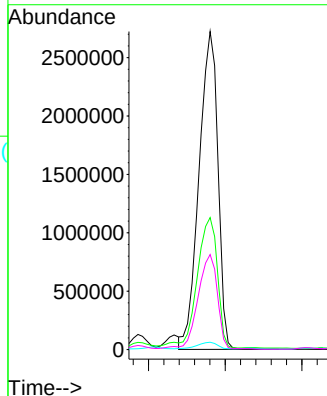
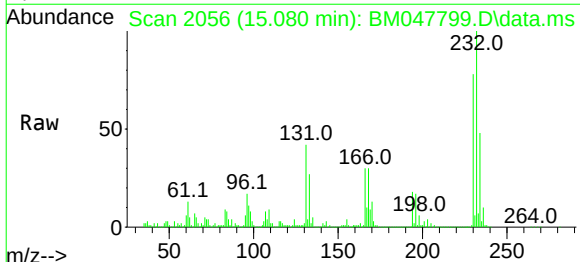
Ion Ratio Lower Upper

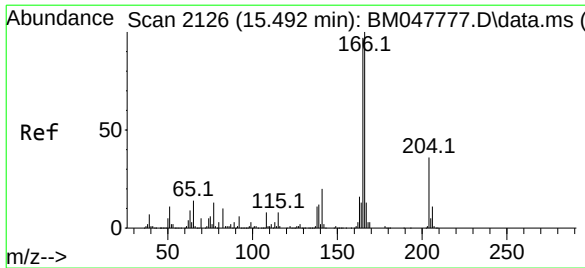
232 100

131 41.5 40.2 60.4

130 2.3 2.6 4.0#

166 29.9 25.3 37.9

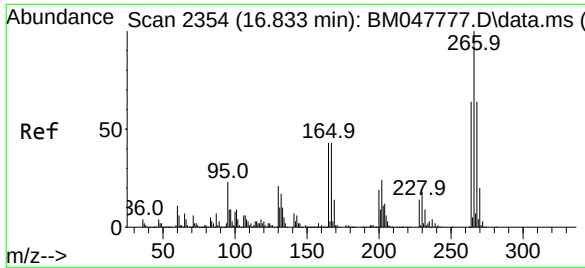
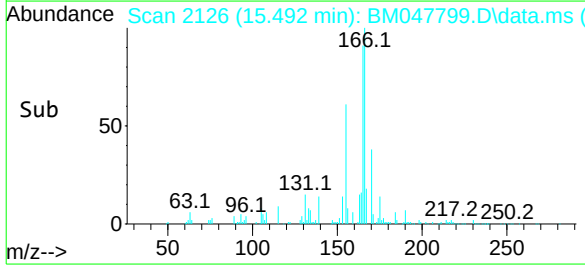
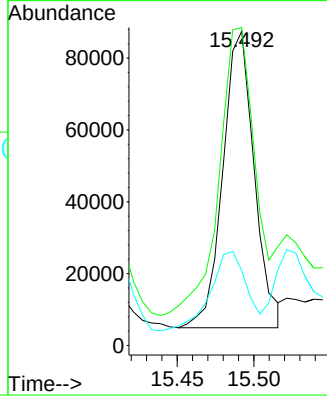
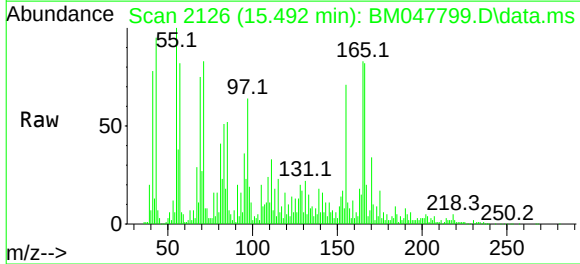




#61
Fluorene
Concen: 1.833 ng/u1
RT: 15.492 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM047799.D
Acq: 03 Oct 2024 06:25

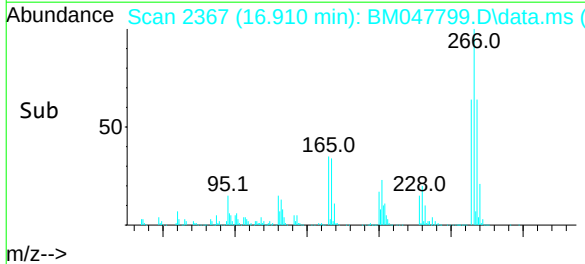
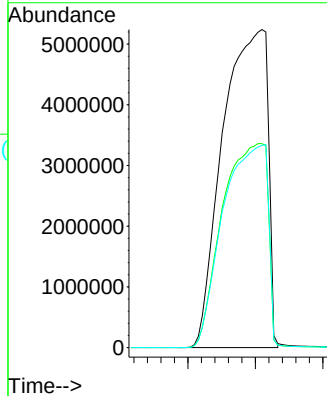
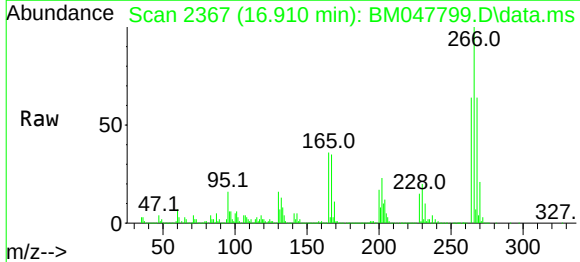
Instrument :
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ClientSampleId :
DDCL0

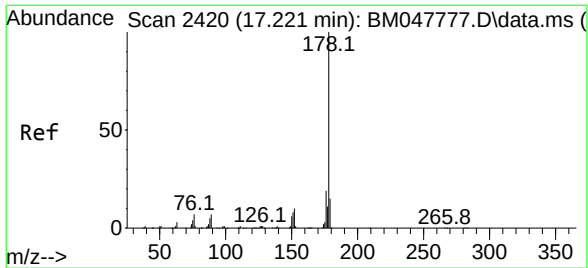
Tgt Ion:166 Resp: 117637
Ion Ratio Lower Upper
166 100
165 101.2 77.8 116.6
167 23.8 10.8 16.2#



#71
Pentachlorophenol
Concen: 1993.225 ng/u1
RT: 16.910 min Scan# 2367
Delta R.T. 0.071 min
Lab File: BM047799.D
Acq: 03 Oct 2024 06:25

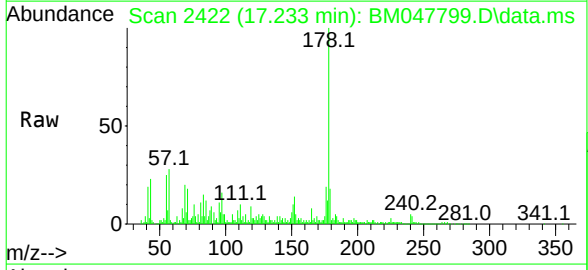
Tgt Ion:266 Resp:24208500
Ion Ratio Lower Upper
266 100
264 64.1 50.2 75.2
268 63.5 50.9 76.3





Phenanthrene
 Concen: 5.705 ng/u1
 RT: 17.233 min Scan# 2422
 Delta R.T. 0.006 min
 Lab File: BM047799.D
 Acq: 03 Oct 2024 06:25

Instrument :
 BNA_M
 ClientSampleId :
 DDCL0



Tgt Ion:	178	Resp:	532713
Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.0	18.0#
176	19.0	15.4	23.0

