

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100224\
 Data File : BM047798.D
 Acq On : 03 Oct 2024 05:45
 Operator : RC/JU
 Sample : P4020-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCK9

Quant Time: Oct 03 06:29:32 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)

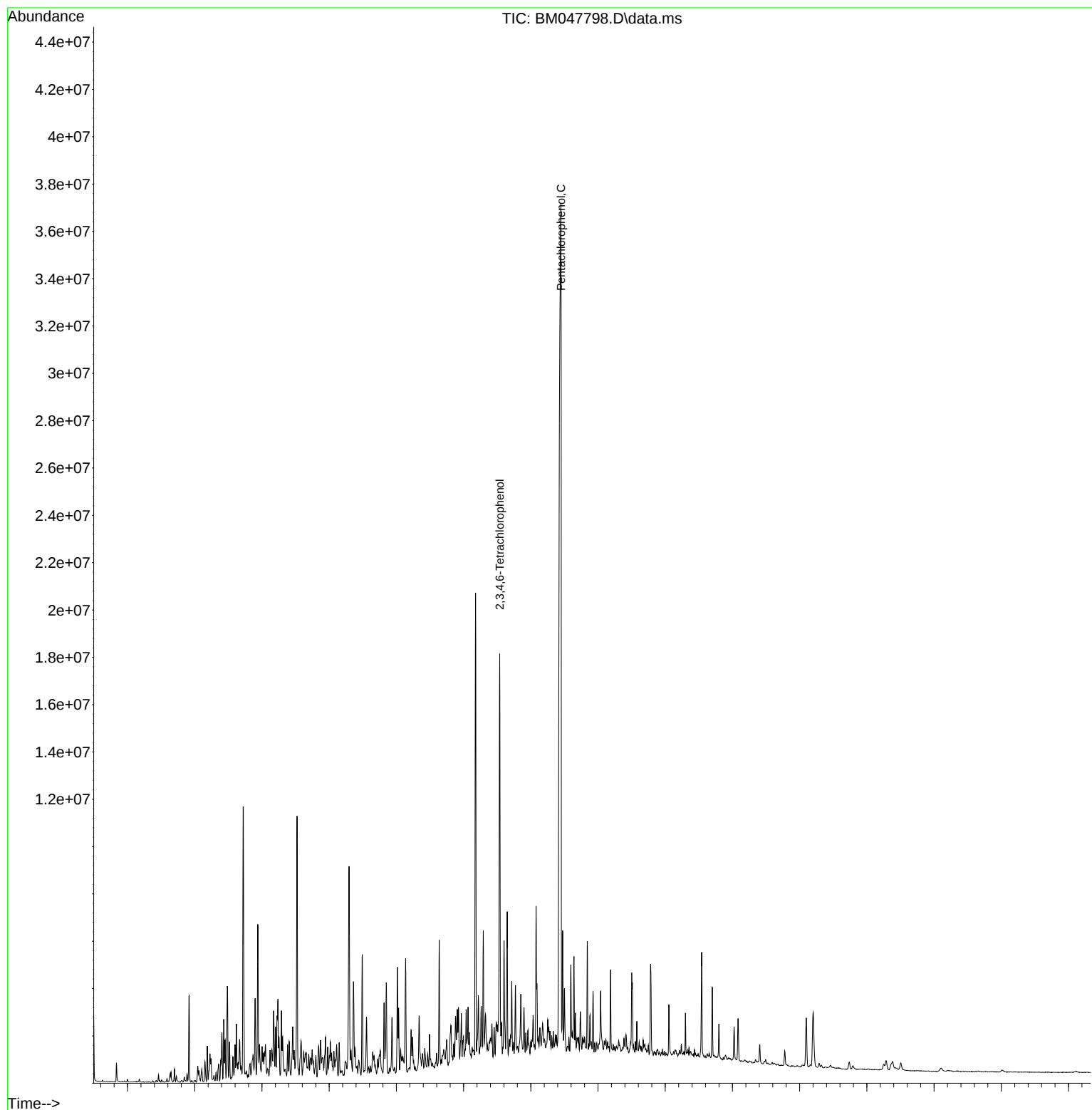
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	319864	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.598	136	1312356	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.439	164	861438	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.192	188	1673651	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1640738	20.000	ng/ul	-0.01
88) Perylene-d12	24.403	264	1845961	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	28272	2.856	ng/uL	0.00
4) Pyridine-d5	3.669	84	433259	14.950	ng/ul	0.00
7) Phenol-d5	6.975	99	533462	17.637	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	346254	16.133	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.340	132	447672	20.343	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	419168	18.640	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	214950	20.571	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.681	143	226816	22.651	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	425105	21.252	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	438274	14.172	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1278773	20.475	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1517784	20.497	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	222026	17.855	ng/ul	0.00
60) Fluorene-d10	15.433	176	1105613	20.438	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	148394	15.152	ng/ul	0.00
73) Anthracene-d10	17.286	188	1640302	19.932	ng/ul	0.00
81) Pyrene-d10	19.562	212	1982778	21.293	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.197	264	2006941	20.954	ng/ul	-0.01
Target Compounds					Qvalue	
30) Naphthalene	10.651	128	514172	6.811	ng/ul	98
36) 2-Methylnaphthalene	12.263	142	874585	18.234	ng/ul	97
37) 1-Methylnaphthalene	12.480	142	538948	11.044	ng/ul	99
41) 2,4,6-Trichlorophenol	12.875	196	22469	1.385	ng/ul	95
43) 1,1'-Biphenyl	13.275	154	97907	1.420	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.074	232	3922091	280.440	ng/ul#	93
61) Fluorene	15.486	166	75584	1.140	ng/ul#	82
71) Pentachlorophenol	16.898	266	20845041	1632.847	ng/ul	99
72) Phenanthrene	17.233	178	346314	3.528	ng/ul#	96

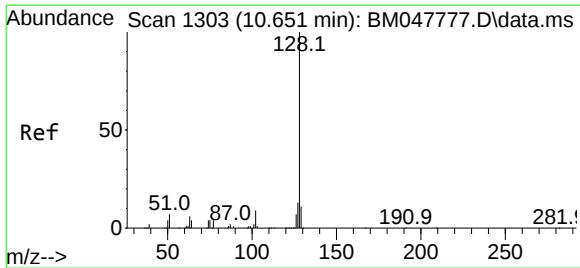
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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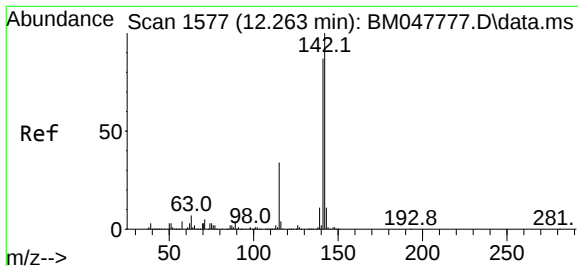
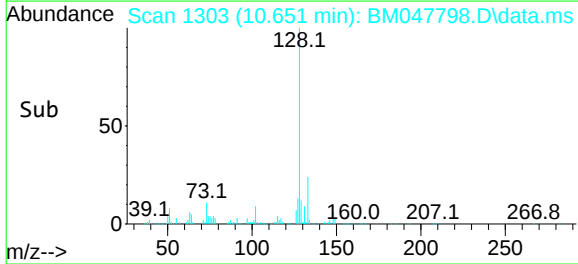
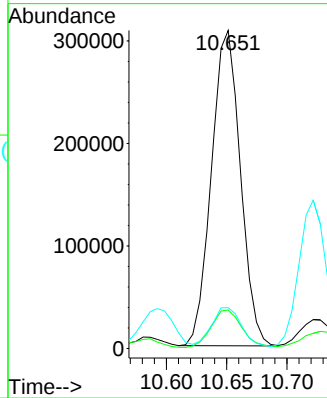
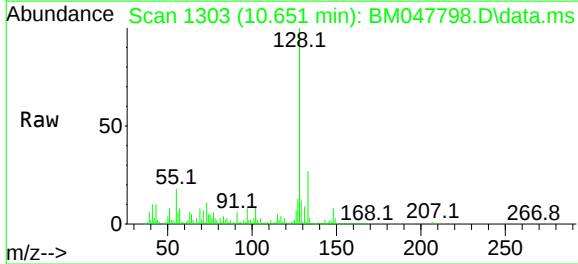




#30
Naphthalene
Concen: 6.811 ng/u1
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM047798.D
Acq: 03 Oct 2024 05:45

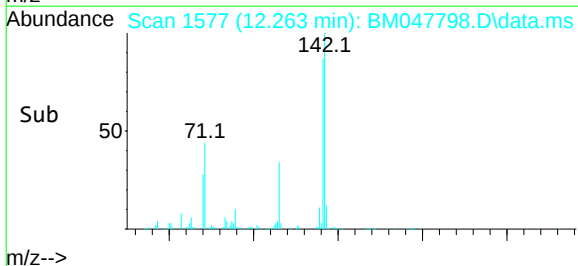
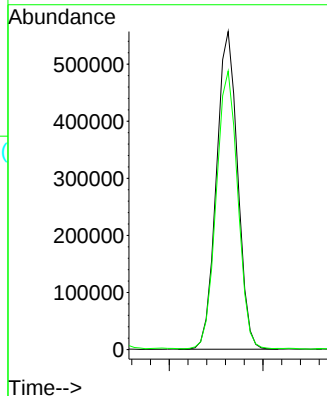
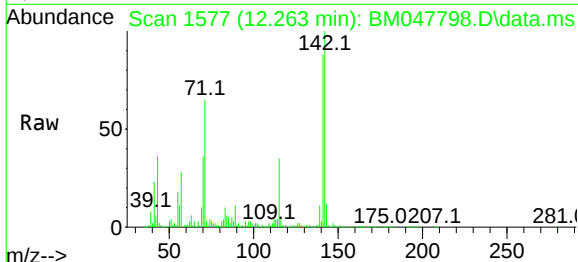
Instrument :
BNA_M
ClientSampleId :
DDCK9

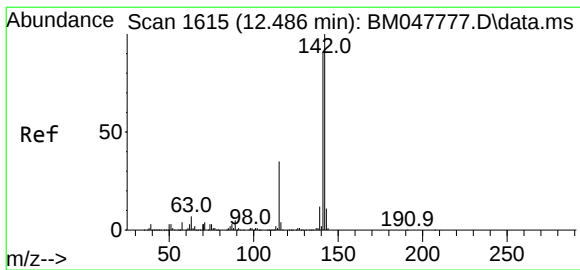
Tgt Ion:128 Resp: 514172
Ion Ratio Lower Upper
128 100
129 12.1 8.6 12.8
127 12.8 10.4 15.6



#36
2-Methylnaphthalene
Concen: 18.234 ng/u1
RT: 12.263 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BM047798.D
Acq: 03 Oct 2024 05:45

Tgt Ion:142 Resp: 874585
Ion Ratio Lower Upper
142 100
141 87.6 72.5 108.7

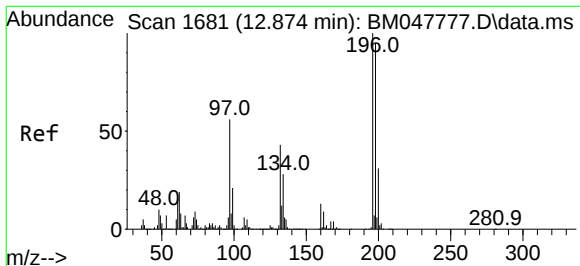
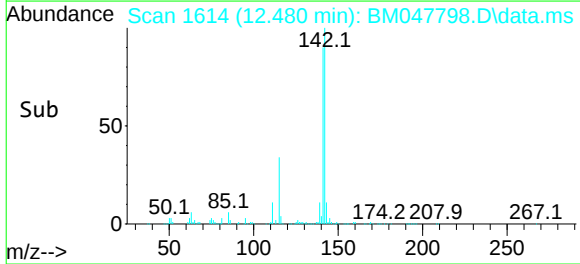
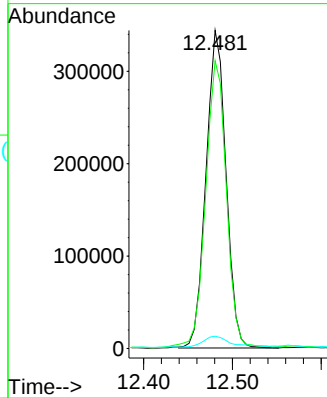
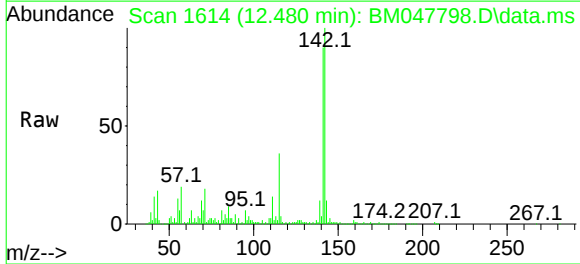




#37
1-Methylnaphthalene
Concen: 11.044 ng/ul
RT: 12.480 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BM047798.D
Acq: 03 Oct 2024 05:45

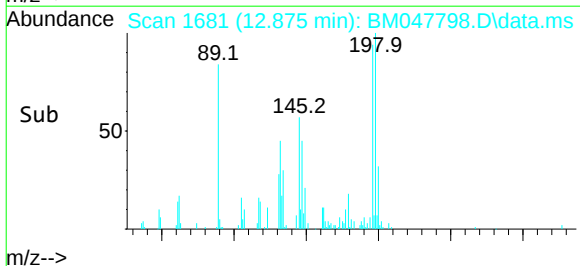
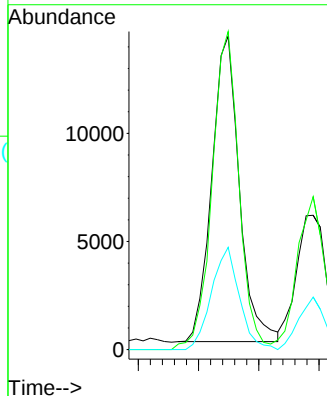
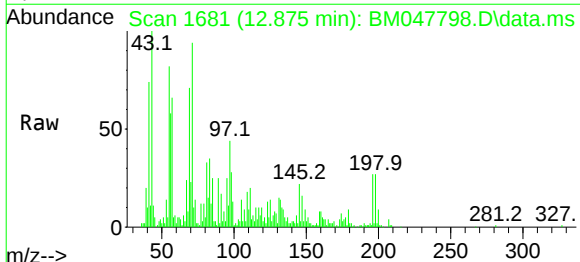
Instrument :
BNA_M
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DDCK9

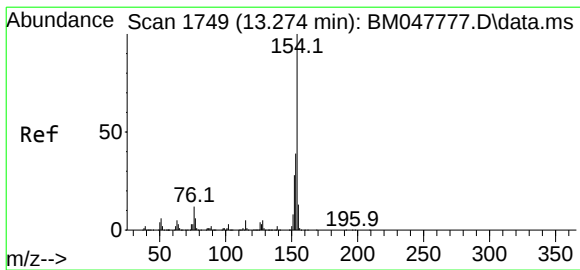
Tgt Ion:142 Resp: 538948
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.2
116 3.9 3.0 4.6



#41
2,4,6-Trichlorophenol
Concen: 1.385 ng/ul
RT: 12.875 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM047798.D
Acq: 03 Oct 2024 05:45

Tgt Ion:196 Resp: 22469
Ion Ratio Lower Upper
196 100
198 101.5 77.1 115.7
200 32.6 24.5 36.7





#43

1,1'-Biphenyl

Concen: 1.420 ng/ul

RT: 13.275 min Scan# 17

Delta R.T. -0.006 min

Lab File: BM047798.D

Acq: 03 Oct 2024 05:45

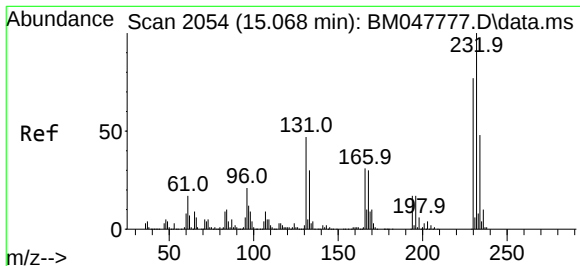
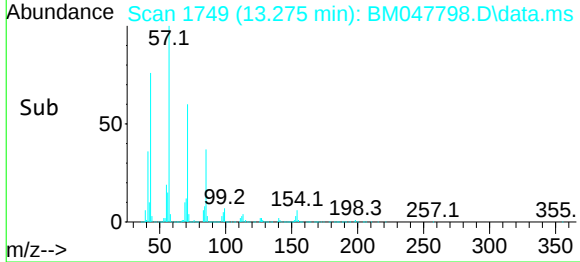
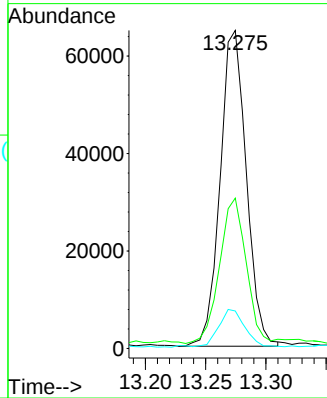
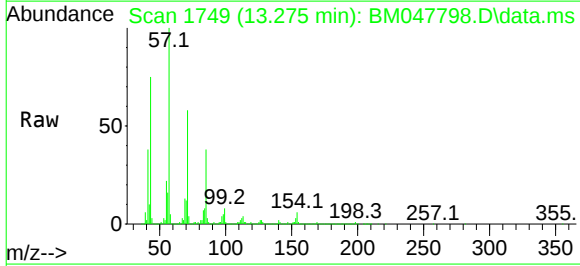
Instrument :

BNA_M

ClientSampleId :

DDCK9

Tgt Ion:	154	Resp:	97907
Ion Ratio	Lower	Upper	
154	100		
153	47.3	31.1	46.7#
76	11.8	12.1	18.1#



#58

2,3,4,6-Tetrachlorophenol

Concen: 280.440 ng/ul

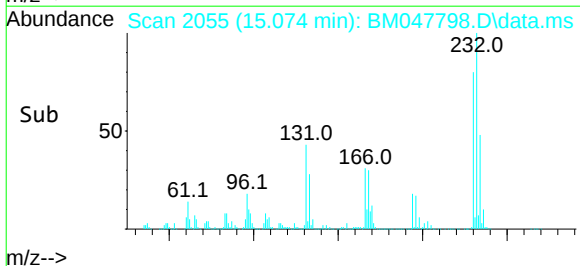
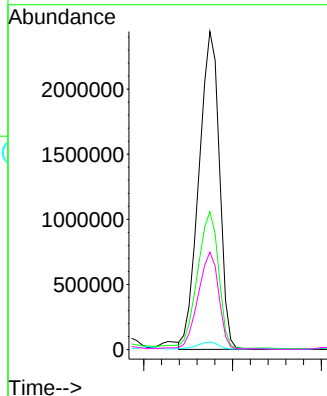
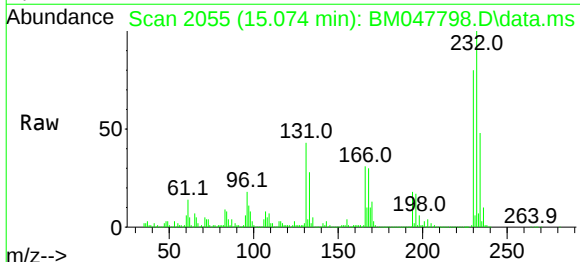
RT: 15.074 min Scan# 2055

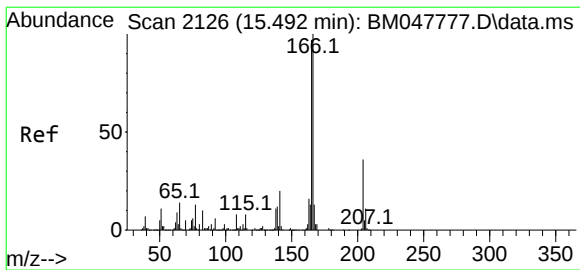
Delta R.T. 0.006 min

Lab File: BM047798.D

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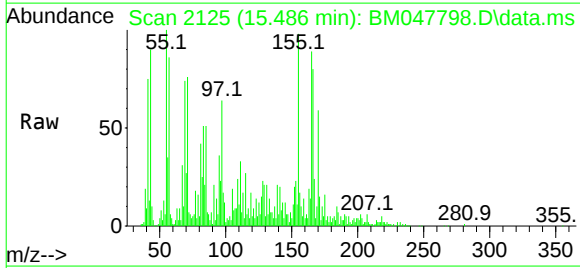
Tgt Ion:	232	Resp:	3922091
Ion Ratio	Lower	Upper	
232	100		
131	43.4	40.2	60.4
130	2.4	2.6	4.0#
166	30.6	25.3	37.9



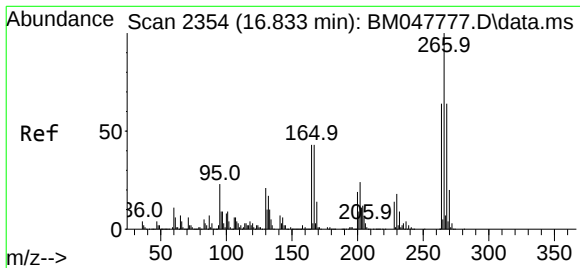
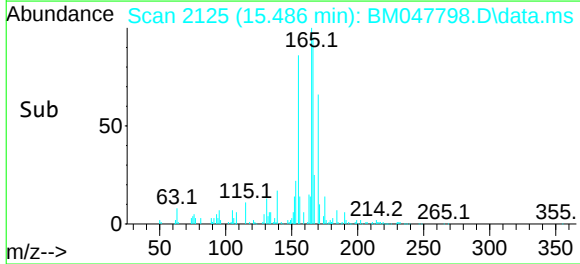
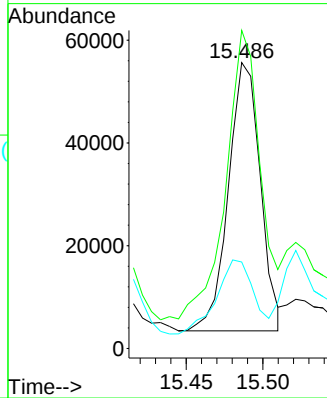


#61
 Fluorene
 Concen: 1.140 ng/u1
 RT: 15.486 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: BM047798.D
 Acq: 03 Oct 2024 05:45

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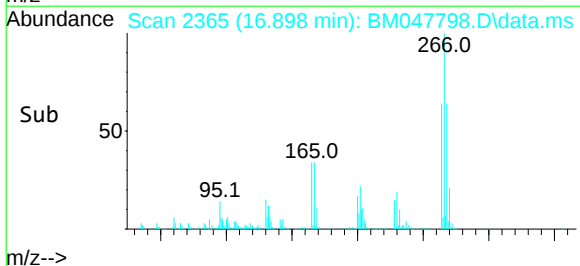
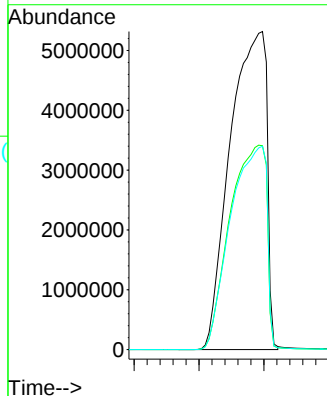
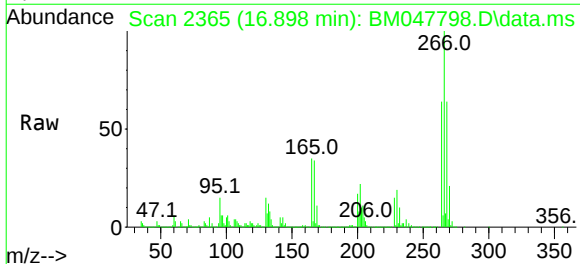


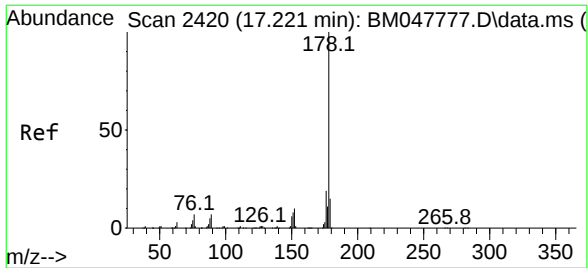
Tgt Ion:166 Resp: 75584
 Ion Ratio Lower Upper
 166 100
 165 111.2 77.8 116.6
 167 30.2 10.8 16.2#



#71
 Pentachlorophenol
 Concen: 1632.847 ng/u1
 RT: 16.898 min Scan# 2365
 Delta R.T. 0.059 min
 Lab File: BM047798.D
 Acq: 03 Oct 2024 05:45

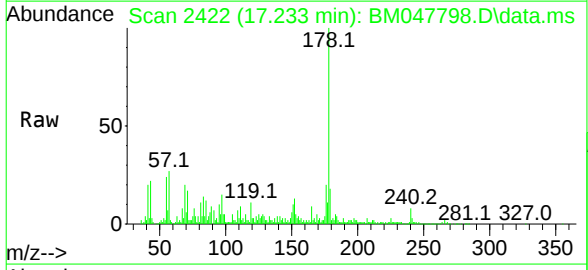
Tgt Ion:266 Resp:20845041
 Ion Ratio Lower Upper
 266 100
 264 64.1 50.2 75.2
 268 63.9 50.9 76.3





#72
Phenanthrene
Concen: 3.528 ng/ul
RT: 17.233 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM047798.D
Acq: 03 Oct 2024 05:45

Instrument :
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Tgt Ion:	178	Resp:	346314
Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.0	18.0#
176	19.7	15.4	23.0

