

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047839.D
 Acq On : 04 Oct 2024 12:22
 Operator : RC/JU
 Sample : P4016-18ME
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDC23ME

Quant Time: Oct 04 13:05:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

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

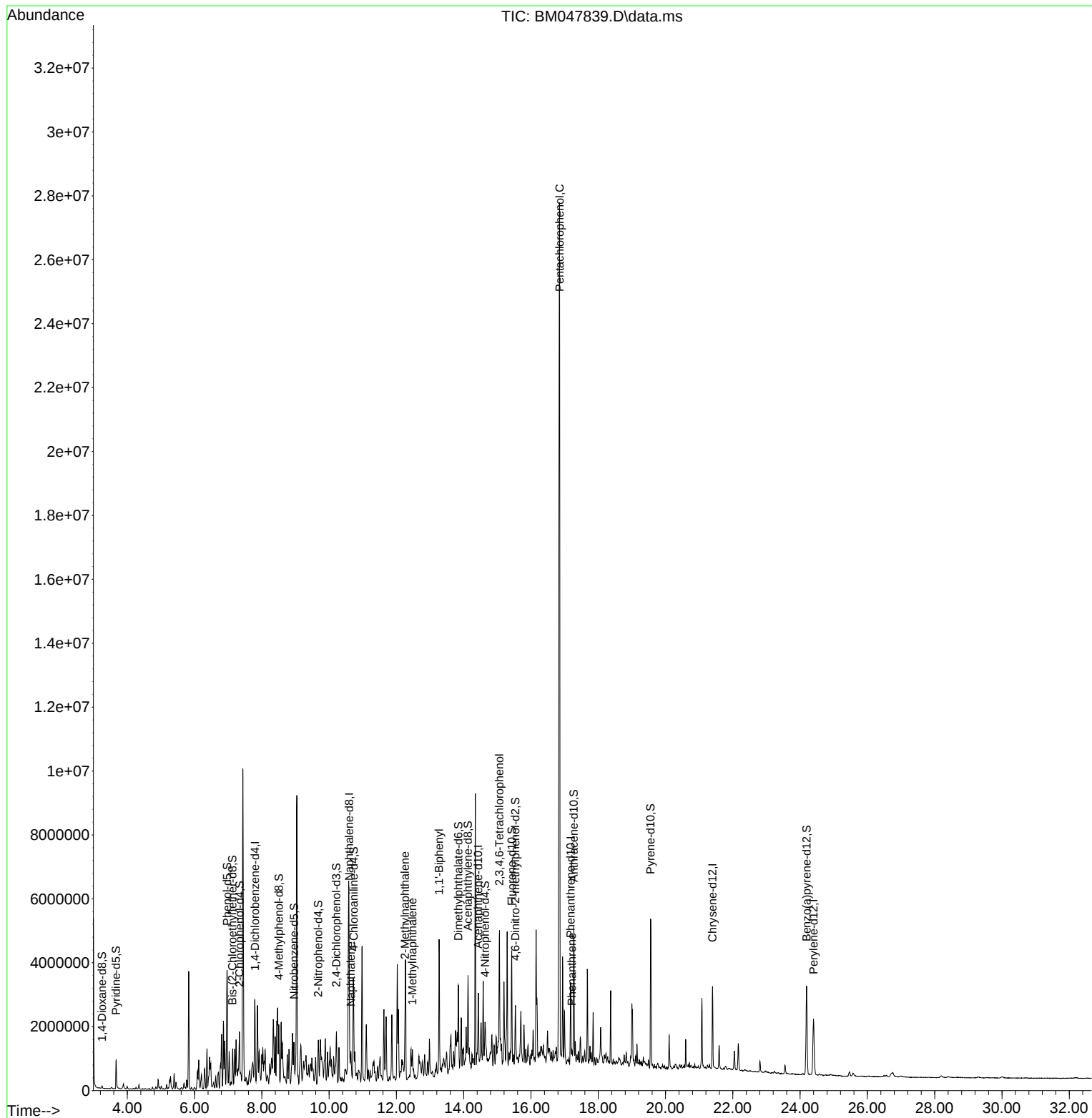
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	289697	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1148299	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	714296	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	1396764	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	1367002	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1622399	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	37461	4.179	ng/uL	0.00
4) Pyridine-d5	3.669	84	518850	19.767	ng/ul	0.00
7) Phenol-d5	6.969	99	700986	25.589	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	445404	22.913	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	591367	29.671	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	566437	27.811	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	280289	30.657	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	301520	34.414	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	545600	31.173	ng/ul	0.00
31) 4-Chloroaniline-d4	10.727	131	803371	29.690	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	1597582	30.849	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	1907770	31.070	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	258982	25.118	ng/ul	0.00
60) Fluorene-d10	15.427	176	1388877	30.963	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	214052	26.188	ng/ul	0.00
73) Anthracene-d10	17.274	188	2104889	30.648	ng/ul	0.00
81) Pyrene-d10	19.556	212	2496989	32.184	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.191	264	2666094	31.672	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.645	128	359232	5.439	ng/ul	98
36) 2-Methylnaphthalene	12.257	142	590708	14.075	ng/ul	99
37) 1-Methylnaphthalene	12.474	142	349422	8.183	ng/ul	99
43) 1,1'-Biphenyl	13.268	154	71902	1.257	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.062	232	710509	61.269	ng/ul	98
71) Pentachlorophenol	16.851	266	7139484	670.118	ng/ul	99
72) Phenanthrene	17.215	178	198787	2.427	ng/ul	96

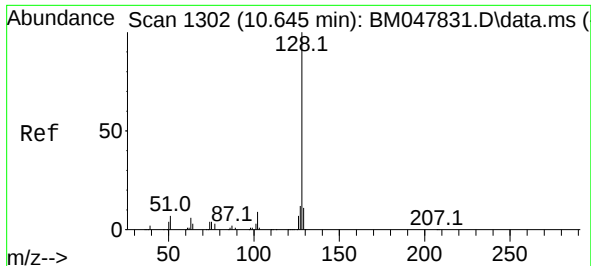
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 5.439 ng/ul

RT: 10.645 min Scan# 1302

Delta R.T. -0.000 min

Lab File: BM047839.D

Acq: 04 Oct 2024 12:22

Instrument :

BNA_M

ClientSampleId :

DDC23ME

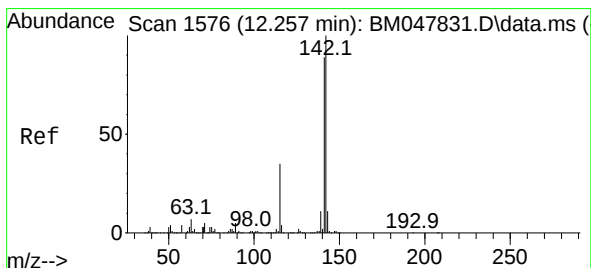
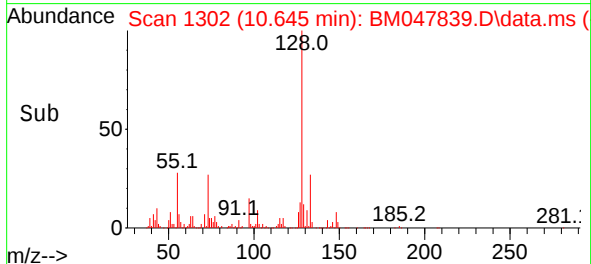
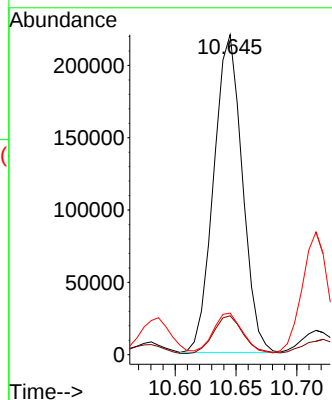
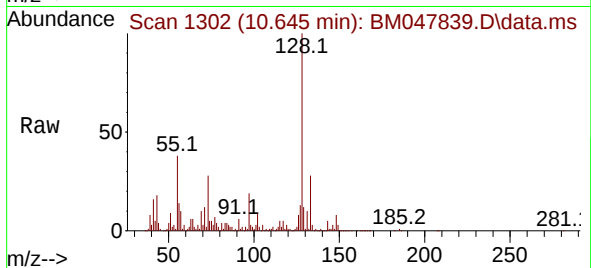
Tgt Ion:128 Resp: 359232

Ion Ratio Lower Upper

128 100

129 12.2 8.6 12.8

127 13.0 10.4 15.6



#36

2-Methylnaphthalene

Concen: 14.075 ng/ul

RT: 12.257 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BM047839.D

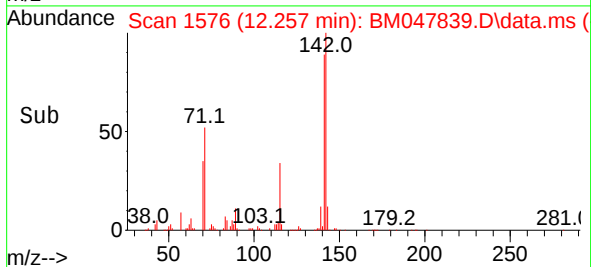
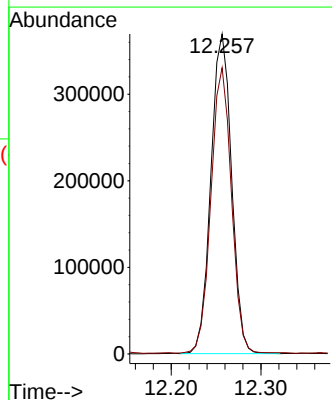
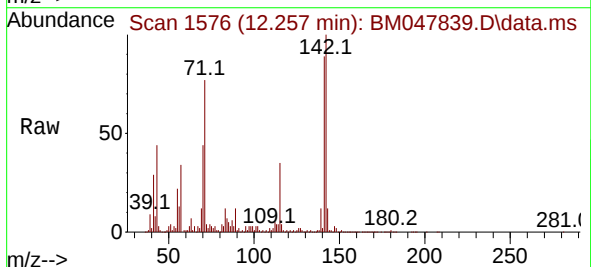
Acq: 04 Oct 2024 12:22

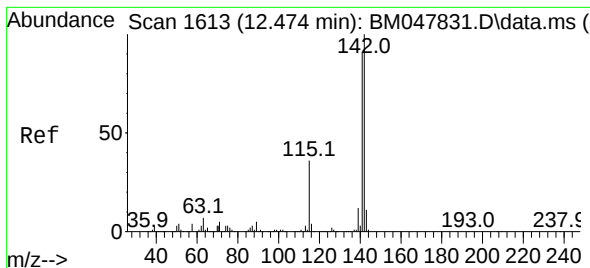
Tgt Ion:142 Resp: 590708

Ion Ratio Lower Upper

142 100

141 89.5 72.5 108.7





#37

1-Methylnaphthalene

Concen: 8.183 ng/ul

RT: 12.474 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047839.D

Acq: 04 Oct 2024 12:22

Instrument :

BNA_M

ClientSampleId :

DDC23ME

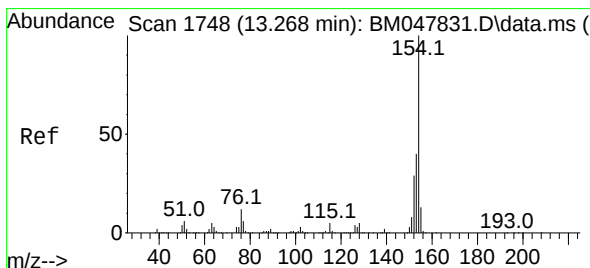
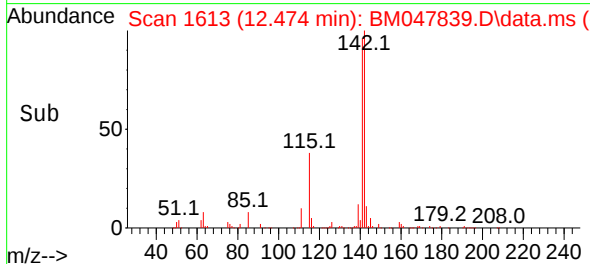
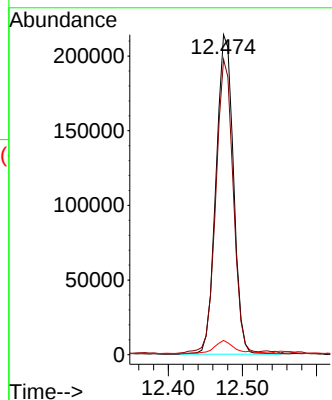
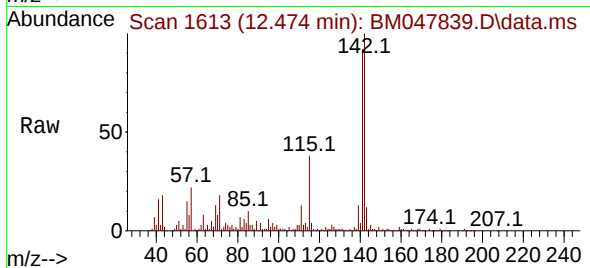
Tgt Ion:142 Resp: 349422

Ion Ratio Lower Upper

142 100

141 92.3 73.4 110.2

116 4.5 3.0 4.6



#43

1,1'-Biphenyl

Concen: 1.257 ng/ul

RT: 13.268 min Scan# 1748

Delta R.T. -0.000 min

Lab File: BM047839.D

Acq: 04 Oct 2024 12:22

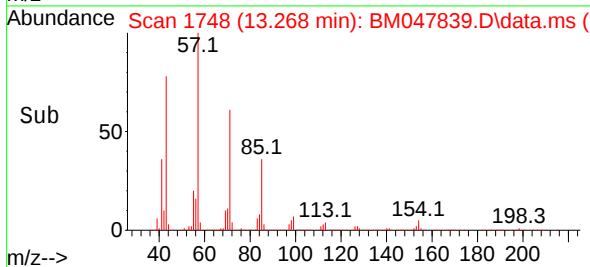
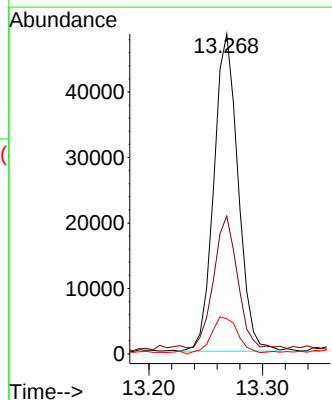
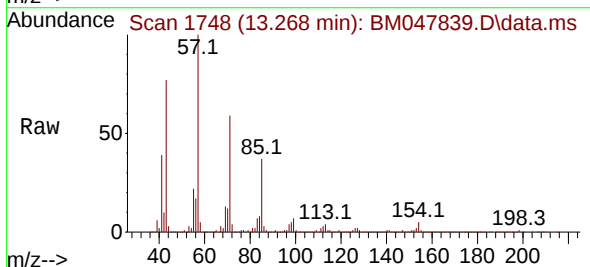
Tgt Ion:154 Resp: 71902

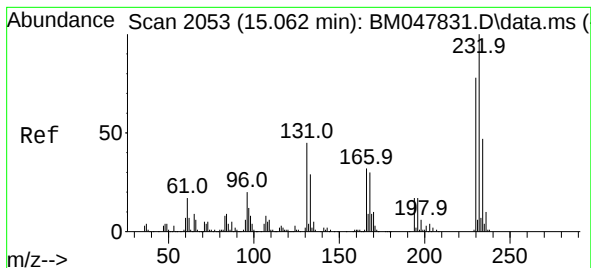
Ion Ratio Lower Upper

154 100

153 43.1 31.1 46.7

76 11.0 12.1 18.1#



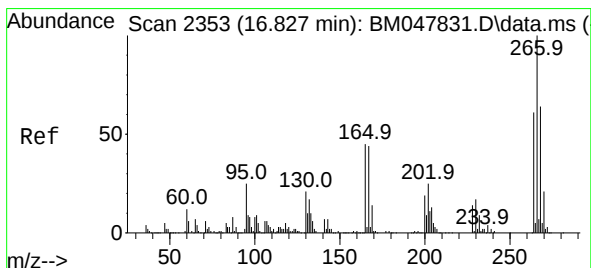
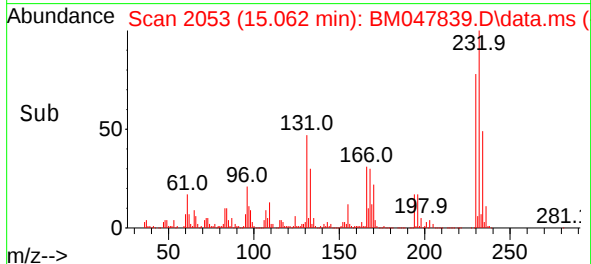
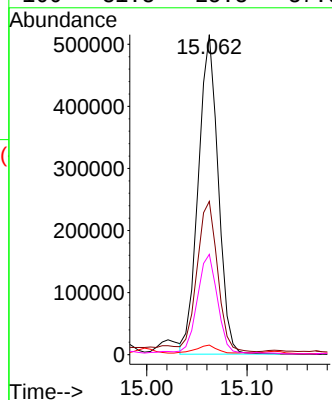
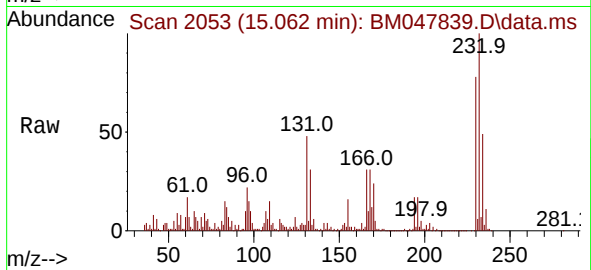


#58
2,3,4,6-Tetrachlorophenol
Concen: 61.269 ng/ul
RT: 15.062 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BM047839.D
Acq: 04 Oct 2024 12:22

Instrument :
BNA_M
ClientSampleId :
DDC23ME

Tgt Ion:232 Resp: 710509

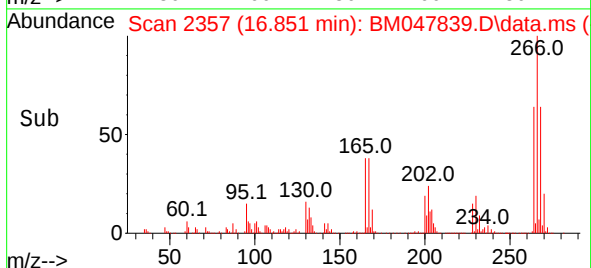
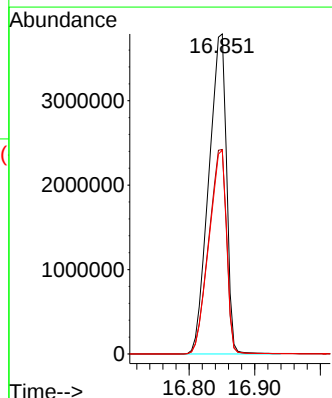
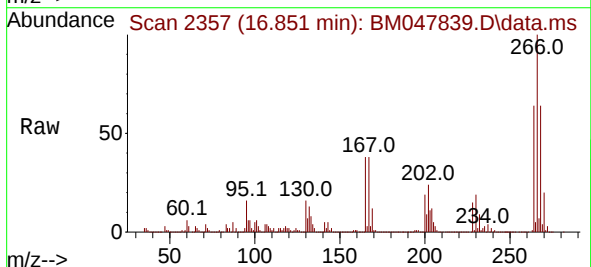
Ion	Ratio	Lower	Upper
232	100		
131	47.9	40.2	60.4
130	3.0	2.6	4.0
166	31.3	25.3	37.9

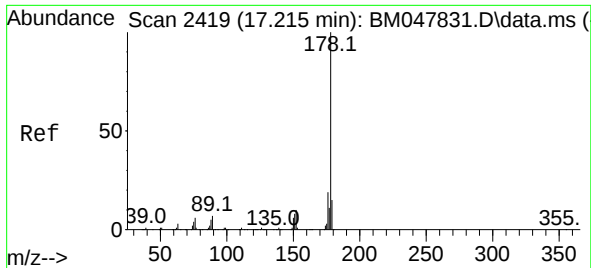


#71
Pentachlorophenol
Concen: 670.118 ng/ul
RT: 16.851 min Scan# 2357
Delta R.T. 0.024 min
Lab File: BM047839.D
Acq: 04 Oct 2024 12:22

Tgt Ion:266 Resp: 7139484

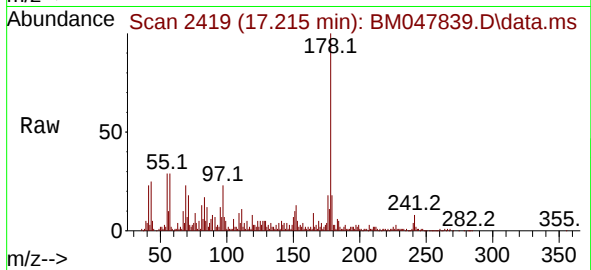
Ion	Ratio	Lower	Upper
266	100		
264	63.9	50.2	75.2
268	63.7	50.9	76.3





#72
Phenanthrene
Concen: 2.427 ng/ul
RT: 17.215 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM047839.D
Acq: 04 Oct 2024 12:22

Instrument :
BNA_M
ClientSampleId :
DDC23ME



Tgt Ion:178 Resp: 198787
Ion Ratio Lower Upper
178 100
179 17.8 12.0 18.0
176 18.5 15.4 23.0

