

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091224\
 Data File : BM047506.D
 Acq On : 12 Sep 2024 16:49
 Operator : RC/JU
 Sample : P3878-08DL2 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCVY6DL2

Quant Time: Sep 13 01:42:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 00:35:12 2024
 Response via : Initial Calibration

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

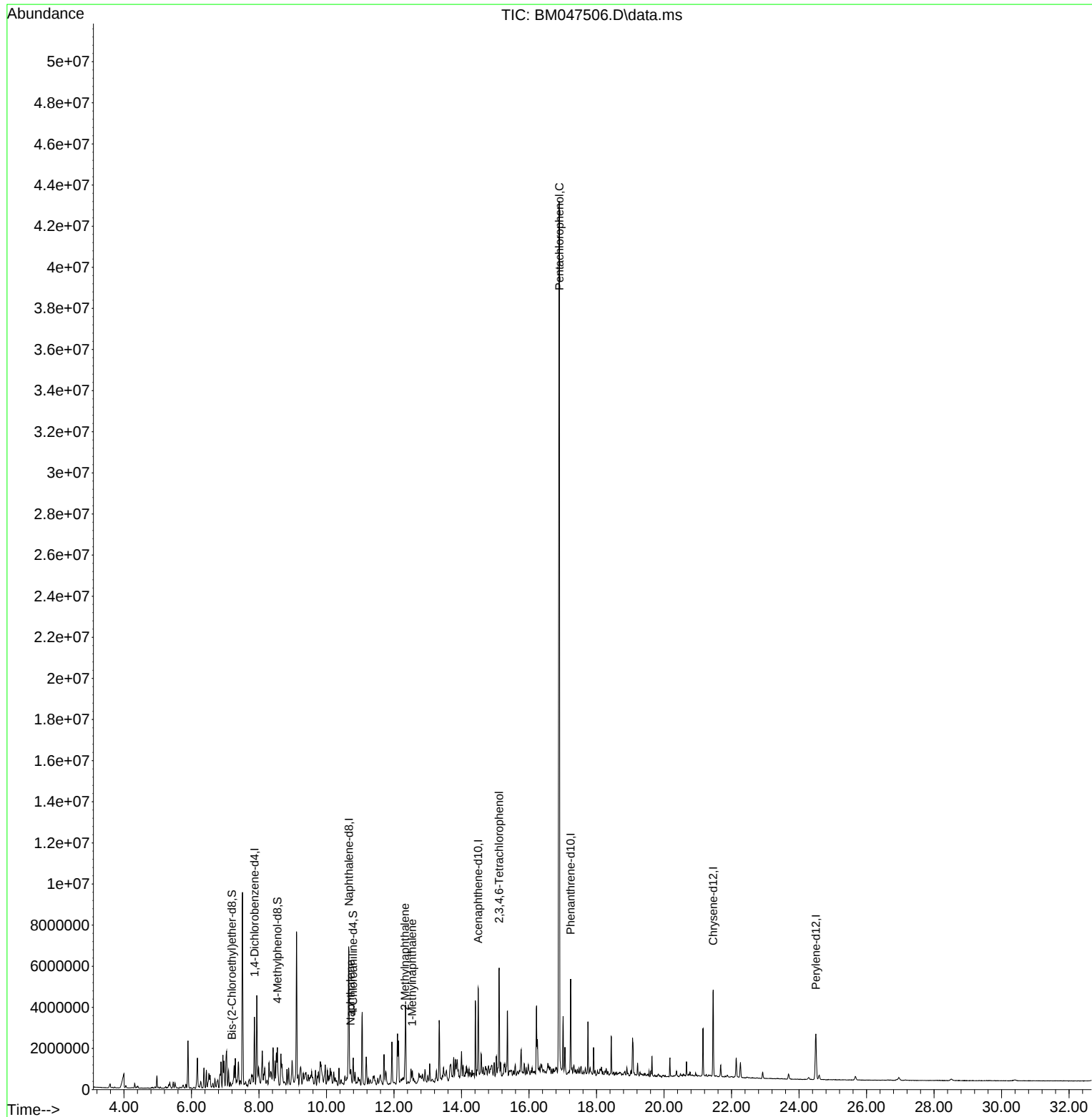
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	477588	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	2170560	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	1344056	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.233	188	2593474	20.000	ng/u1	0.00
79) Chrysene-d12	21.456	240	2099972	20.000	ng/u1	-0.01
88) Perylene-d12	24.497	264	2003058	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	2234	0.189	ng/uL	0.00
4) Pyridine-d5	3.722	84	23888	0.631	ng/u1	0.01
7) Phenol-d5	7.022	99	35802	0.800	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	46678	1.675	ng/u1	0.00
11) 2-Chlorophenol-d4	7.398	132	27165	0.797	ng/u1	0.00
15) 4-Methylphenol-d8	8.545	113	61677	1.753	ng/u1	-0.02
21) Nitrobenzene-d5	9.010	128	13540	0.808	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.739	143	11598	0.732	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	24208	0.752	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.786	131	67611	1.283	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	82301	0.833	ng/u1	-0.01
49) Acenaphthylene-d8	14.186	160	97545	0.818	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.480	176	75856	0.889	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.586	200	6544	0.477	ng/u1	-0.01
73) Anthracene-d10	17.327	188	107064	0.857	ng/u1	0.00
81) Pyrene-d10	19.609	212	118294	0.967	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.286	264	79463	0.747	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.716	128	277702	2.322	ng/u1	97
36) 2-Methylnaphthalene	12.322	142	427362	5.199	ng/u1	99
37) 1-Methylnaphthalene	12.539	142	245535	2.956	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.116	232	842194	41.127	ng/u1	97
71) Pentachlorophenol	16.898	266	8998915	466.410	ng/u1	98

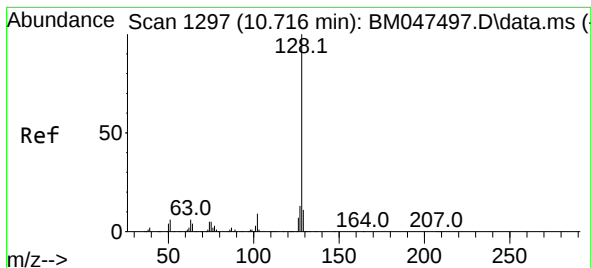
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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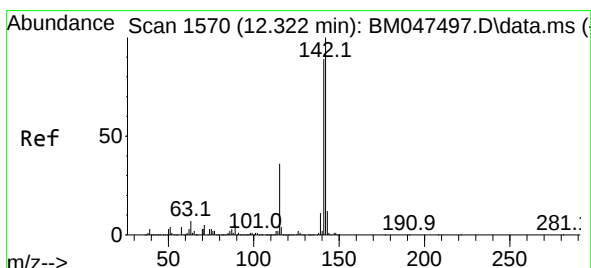
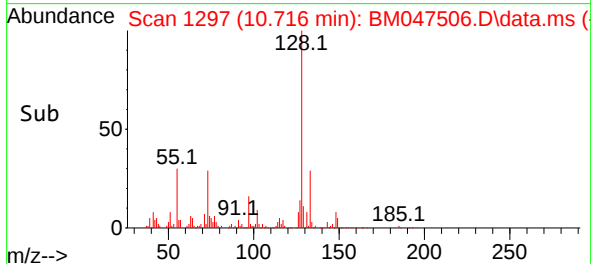
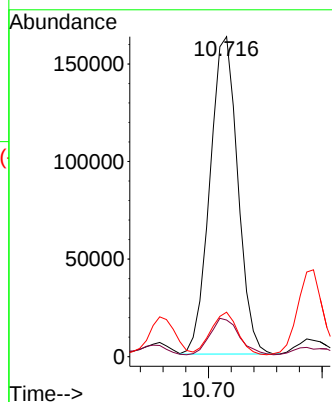
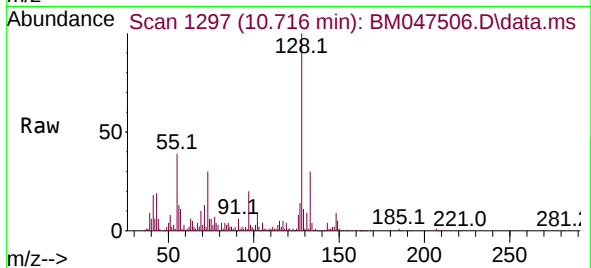




#30
Naphthalene
Concen: 2.322 ng/ul
RT: 10.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047506.D
Acq: 12 Sep 2024 16:49

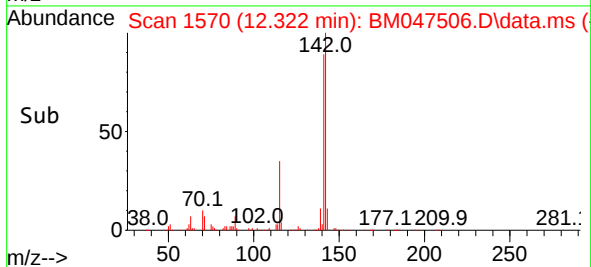
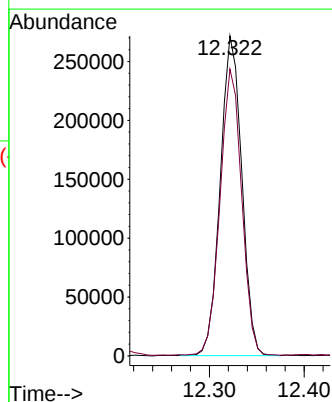
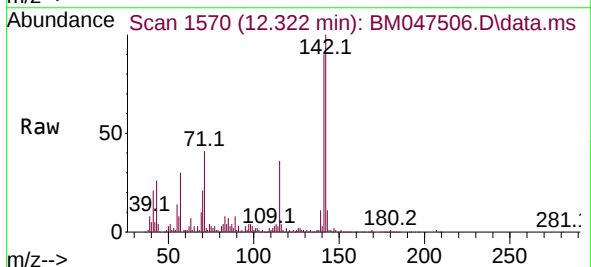
Instrument :
BNA_M
ClientSampleId :
DCVY6DL2

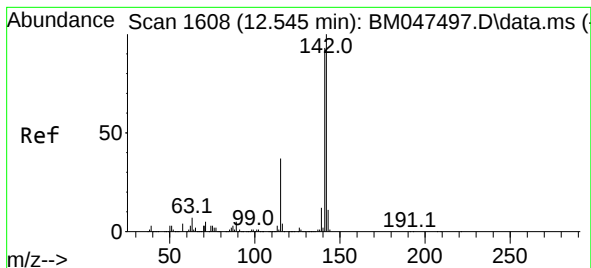
Tgt Ion:128 Resp: 277702
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.9 10.1 15.1



#36
2-Methylnaphthalene
Concen: 5.199 ng/ul
RT: 12.322 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BM047506.D
Acq: 12 Sep 2024 16:49

Tgt Ion:142 Resp: 427362
Ion Ratio Lower Upper
142 100
141 89.6 71.3 106.9





#37

1-Methylnaphthalene

Concen: 2.956 ng/ul

RT: 12.539 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047506.D

Acq: 12 Sep 2024 16:49

Instrument :

BNA_M

ClientSampleId :

DCVY6DL2

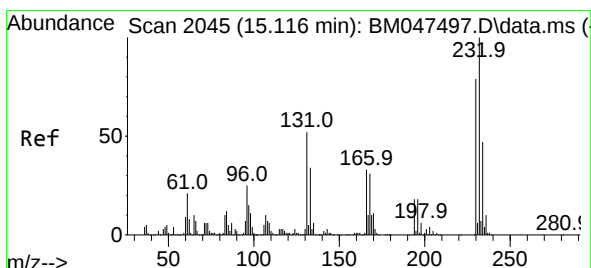
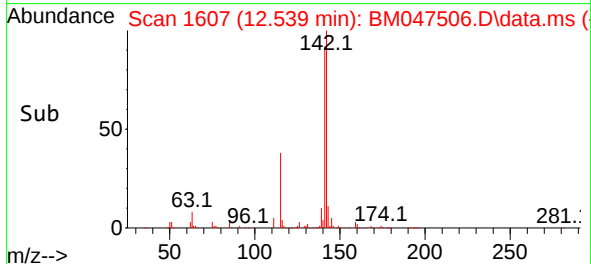
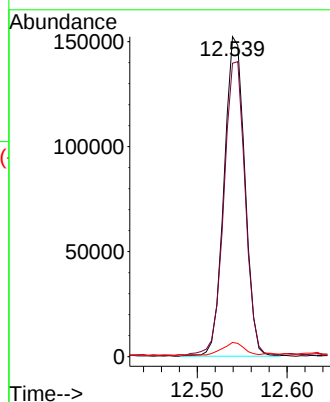
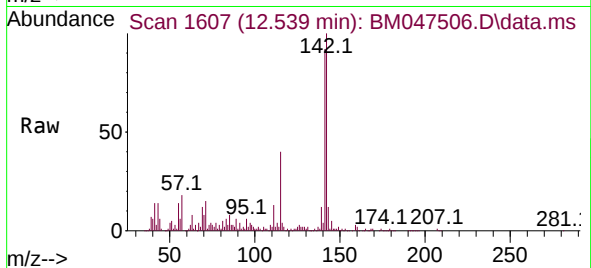
Tgt Ion:142 Resp: 245535

Ion Ratio Lower Upper

142 100

141 91.7 72.9 109.3

116 4.5 3.2 4.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.127 ng/ul

RT: 15.116 min Scan# 2045

Delta R.T. -0.006 min

Lab File: BM047506.D

Acq: 12 Sep 2024 16:49

Tgt Ion:232 Resp: 842194

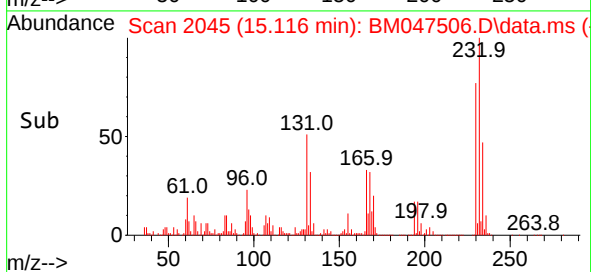
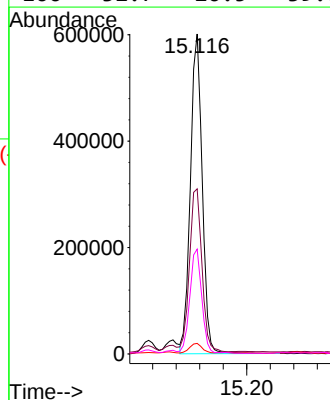
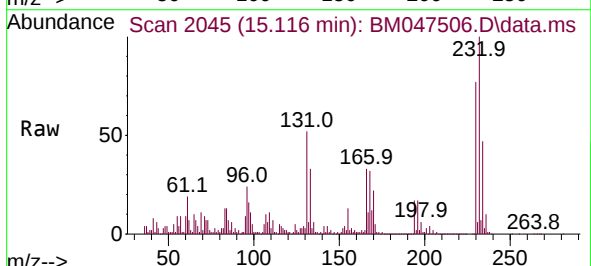
Ion Ratio Lower Upper

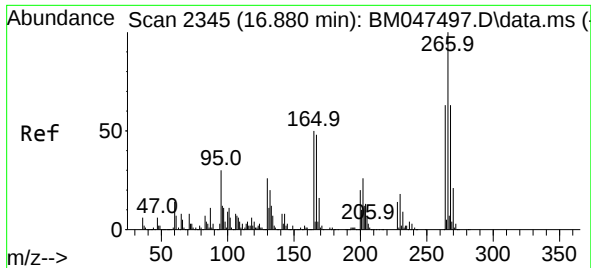
232 100

131 51.6 44.3 66.5

130 3.3 2.5 3.7

166 32.7 26.5 39.7





#71
 Pentachlorophenol
 Concen: 466.410 ng/ul
 RT: 16.898 min Scan# 2348
 Delta R.T. 0.012 min
 Lab File: BM047506.D
 Acq: 12 Sep 2024 16:49

Instrument :
 BNA_M
 ClientSampleId :
 DCVY6DL2

Tgt Ion:266 Resp: 8998915
 Ion Ratio Lower Upper
 266 100
 264 64.3 49.5 74.3
 268 63.9 51.0 76.4

