

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047060.D
 Acq On : 07 Aug 2024 16:48
 Operator : RC/JU
 Sample : P3439-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCVW9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/30/2024

Quant Time: Aug 08 01:24:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 04:48:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	317229	20.000	ng/u1	0.00
20) Naphthalene-d8	10.151	136	1183215	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.051	164	762269	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	1535614	20.000	ng/u1	0.01
79) Chrysene-d12	21.045	240	1496508	20.000	ng/u1	0.00
88) Perylene-d12	23.750	264	1653570	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	26995	3.371	ng/uL	0.00
4) Pyridine-d5	3.410	84	135775	6.216	ng/u1	0.00
7) Phenol-d5	6.622	99	212037	8.799	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.751	67	482724	30.444	ng/u1	0.00
11) 2-Chlorophenol-d4	6.945	132	529450	25.937	ng/u1	0.00
15) 4-Methylphenol-d8	8.134	113	377579	19.779	ng/u1	0.01
21) Nitrobenzene-d5	8.545	128	289825	30.525	ng/u1	0.00
24) 2-Nitrophenol-d4	9.257	143	319429	30.807	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.804	165	604241	30.353	ng/u1	0.01
31) 4-Chloroaniline-d4	10.275	131	77917	2.978	ng/u1	-0.03
46) Dimethylphthalate-d6	13.486	166	1714945	29.424	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	2039210	31.344	ng/u1	0.00
54) 4-Nitrophenol-d4	14.327	143	103881m	9.218	ng/u1	0.03
60) Fluorene-d10	15.063	176	1487320	29.831	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	261225	26.925	ng/u1	0.00
73) Anthracene-d10	16.921	188	2305993	31.677	ng/u1	0.01
81) Pyrene-d10	19.221	212	2755797	32.169	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	2782250	31.954	ng/u1	0.00
Target Compounds					Qvalue	
23) Isophorone	9.116	82	880123	20.277	ng/u1	98
29) 2,4-Dichlorophenol	9.828	162	78109	3.934	ng/u1	94
30) Naphthalene	10.204	128	2093118	33.411	ng/u1	99
36) 2-Methylnaphthalene	11.828	142	1554961	35.547	ng/u1	98
37) 1-Methylnaphthalene	12.057	142	1005830	22.714	ng/u1	97
41) 2,4,6-Trichlorophenol	12.480	196	87780	5.610	ng/u1	99
42) 2,4,5-Trichlorophenol	12.563	196	67662	4.005	ng/u1	99
43) 1,1'-Biphenyl	12.874	154	179574	3.149	ng/u1#	89
47) Dimethylphthalate	13.533	163	238240	4.074	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	14.721	232	8747132	582.404	ng/u1#	76
61) Fluorene	15.116	166	75632	1.319	ng/u1#	97
71) Pentachlorophenol	16.515	266	32086527m	2421.493	ng/u1	
72) Phenanthrene	16.868	178	129579	1.505	ng/u1#	86

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

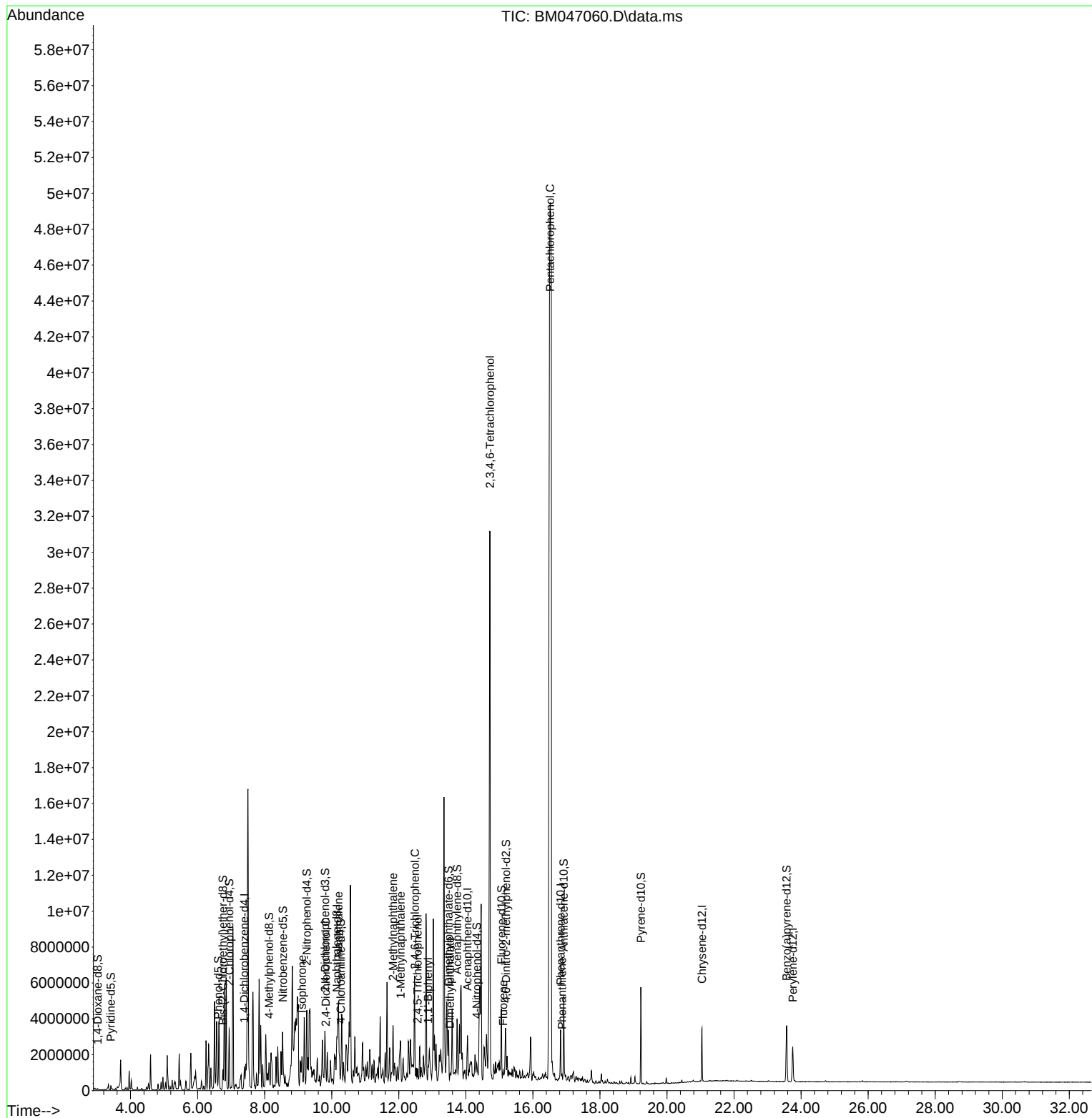
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047060.D
Acq On : 07 Aug 2024 16:48
Operator : RC/JU
Sample : P3439-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

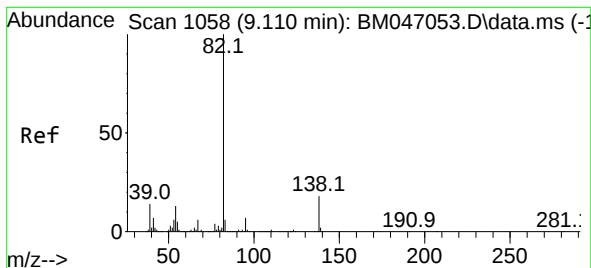
Instrument :
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Quant Time: Aug 08 01:24:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
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#23

Isophorone

Concen: 20.277 ng/ul

RT: 9.116 min Scan# 1058

Delta R.T. 0.000 min

Lab File: BM047060.D

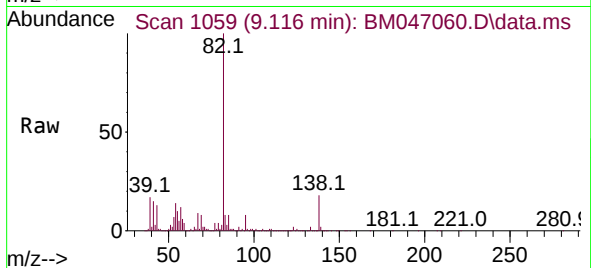
Acq: 07 Aug 2024 16:48

Instrument :

BNA_M

ClientSampleId :

DCVW9



Tgt Ion: 82 Resp: 88012

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

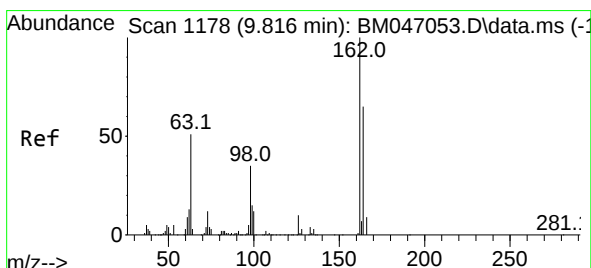
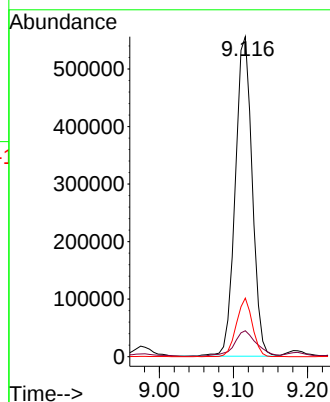
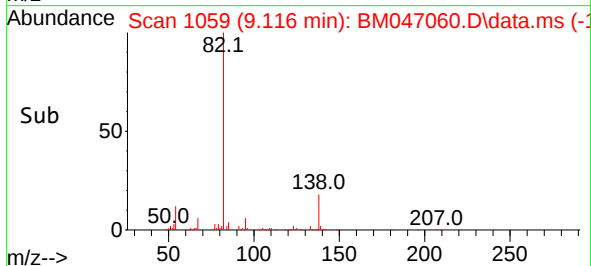
138 18.3 13.6 20.4

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#29

2,4-Dichlorophenol

Concen: 3.934 ng/ul

RT: 9.828 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BM047060.D

Acq: 07 Aug 2024 16:48

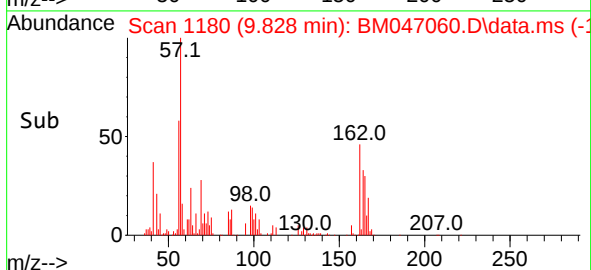
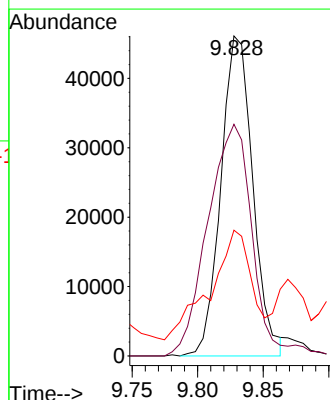
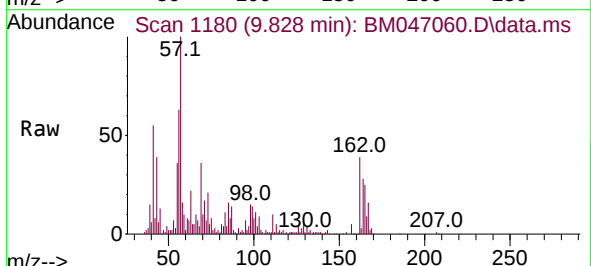
Tgt Ion:162 Resp: 78109

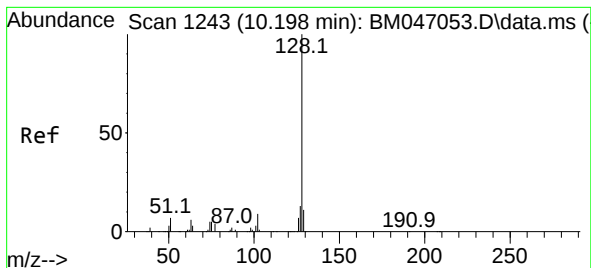
Ion Ratio Lower Upper

162 100

164 72.4 53.3 79.9

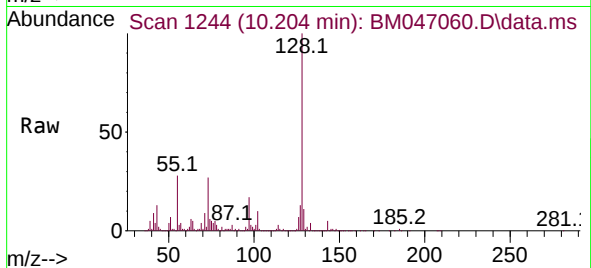
98 39.3 29.6 44.4





#30
Naphthalene
Concen: 33.411 ng/ul
RT: 10.204 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BM047060.D
Acq: 07 Aug 2024 16:48

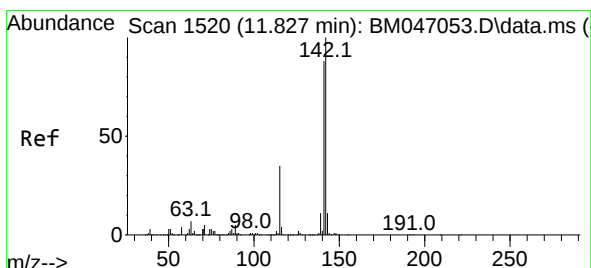
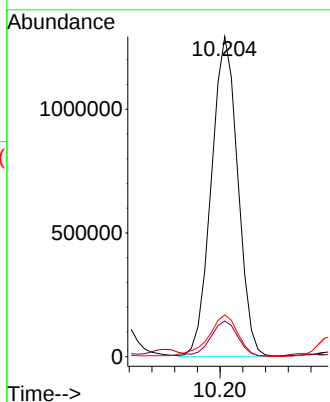
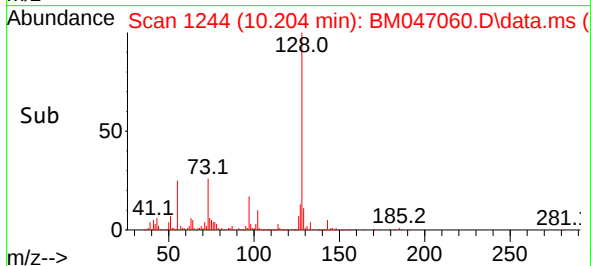
Instrument :
BNA_M
ClientSampleId :
DCVW9



Tgt Ion:128 Resp: 2093118
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.4 15.6

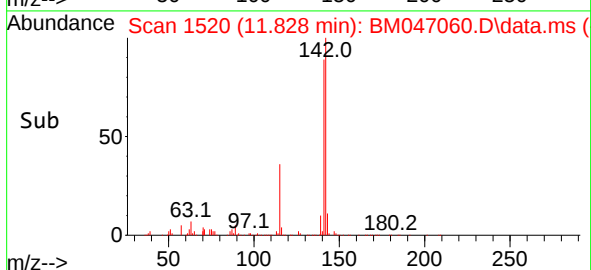
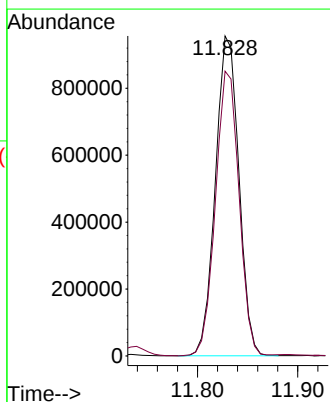
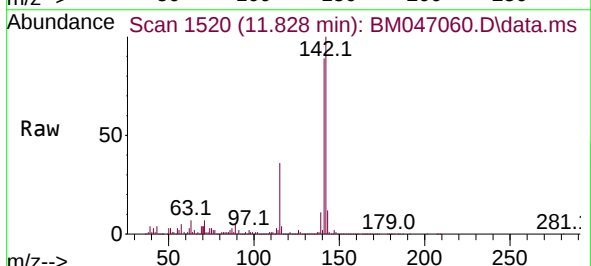
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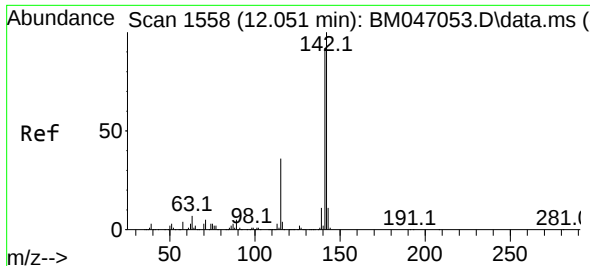
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024



#36
2-Methylnaphthalene
Concen: 35.547 ng/ul
RT: 11.828 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BM047060.D
Acq: 07 Aug 2024 16:48

Tgt Ion:142 Resp: 1554961
Ion Ratio Lower Upper
142 100
141 89.0 69.9 104.9





#37

1-Methylnaphthalene

Concen: 22.714 ng/ul

RT: 12.057 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047060.D

Acq: 07 Aug 2024 16:48

Instrument :

BNA_M

ClientSampleId :

DCVW9

Tgt Ion:142 Resp: 1005830

Ion Ratio Lower Upper

142 100

141 93.0 72.0 108.0

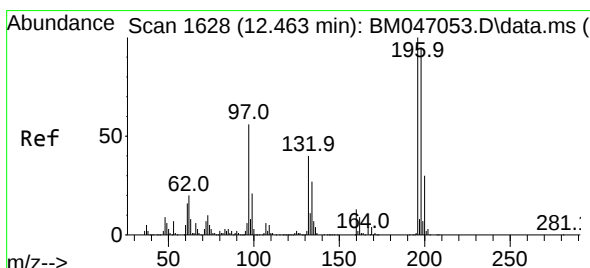
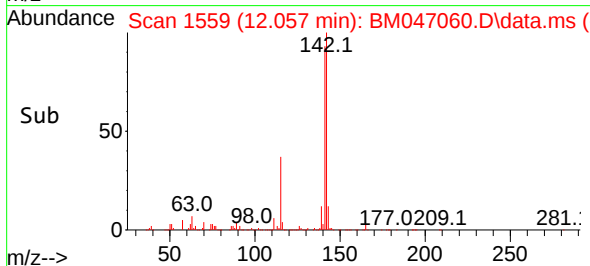
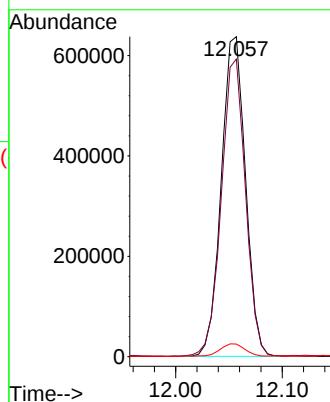
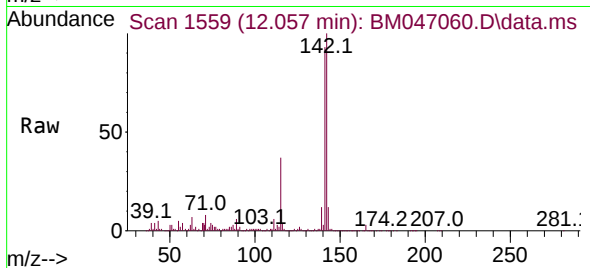
116 3.9 3.6 5.4

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#41

2,4,6-Trichlorophenol

Concen: 5.610 ng/ul

RT: 12.480 min Scan# 1631

Delta R.T. 0.012 min

Lab File: BM047060.D

Acq: 07 Aug 2024 16:48

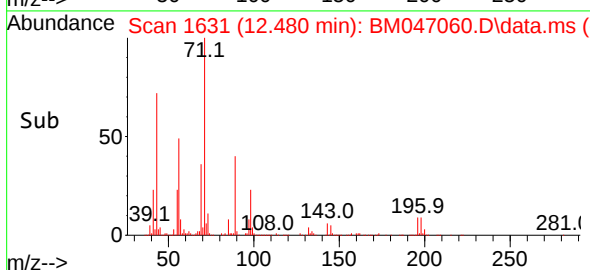
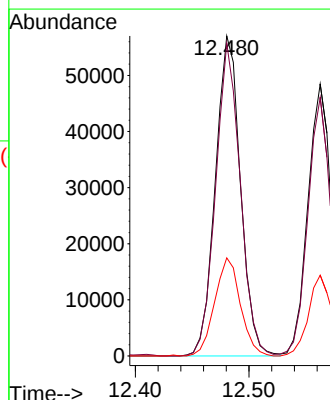
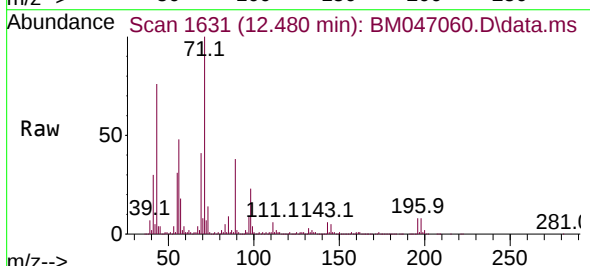
Tgt Ion:196 Resp: 87780

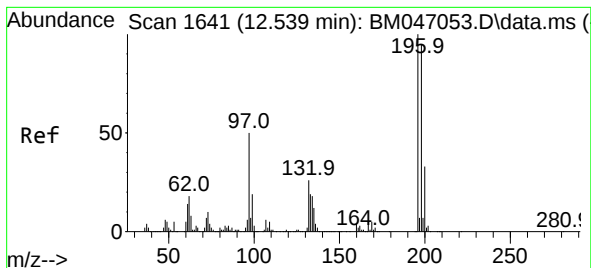
Ion Ratio Lower Upper

196 100

198 97.7 78.7 118.1

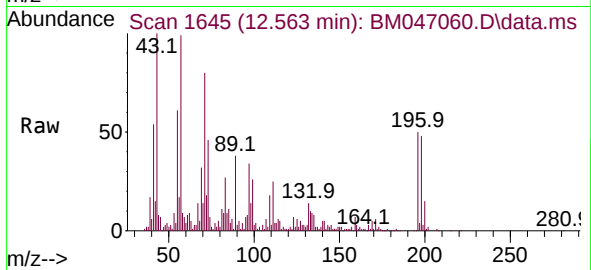
200 30.6 23.9 35.9





#42
2,4,5-Trichlorophenol
Concen: 4.005 ng/ul
RT: 12.563 min Scan# 1645
Delta R.T. 0.018 min
Lab File: BM047060.D
Acq: 07 Aug 2024 16:48

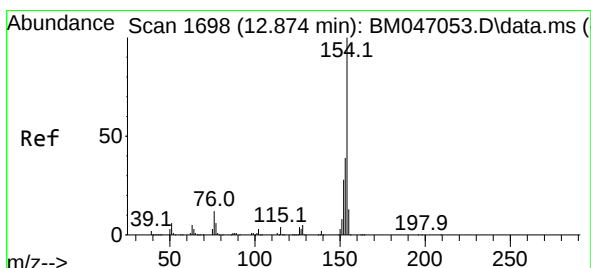
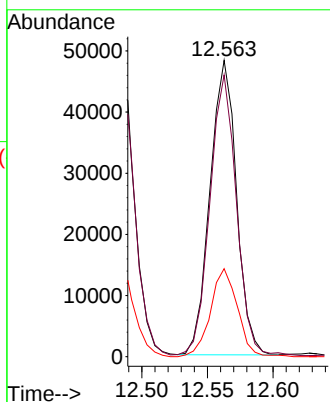
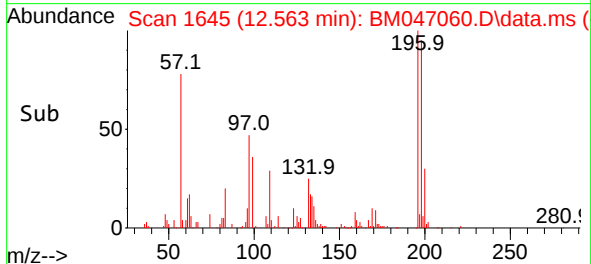
Instrument :
BNA_M
ClientSampleId :
DCVW9



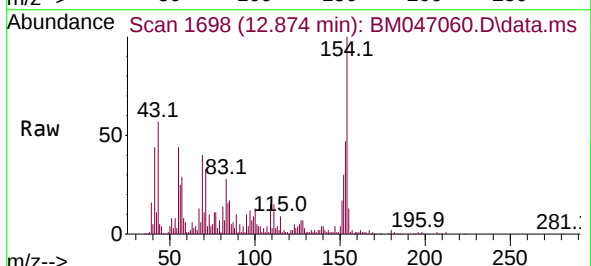
Tgt Ion:196 Resp: 67662
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.2
200 29.7 25.0 37.6

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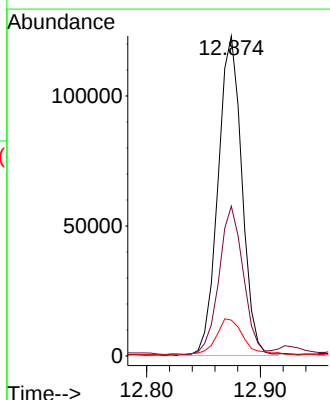
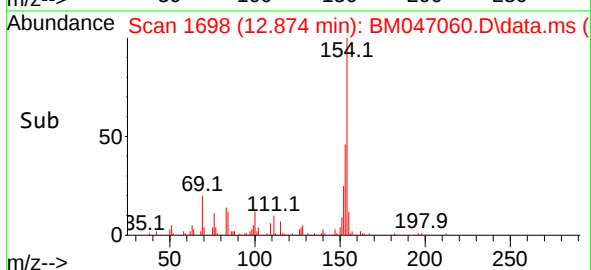
Reviewed By :Yogesh Patel 08/08/2024
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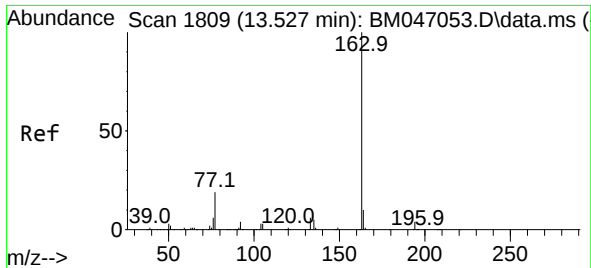


#43
1,1'-Biphenyl
Concen: 3.149 ng/ul
RT: 12.874 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BM047060.D
Acq: 07 Aug 2024 16:48



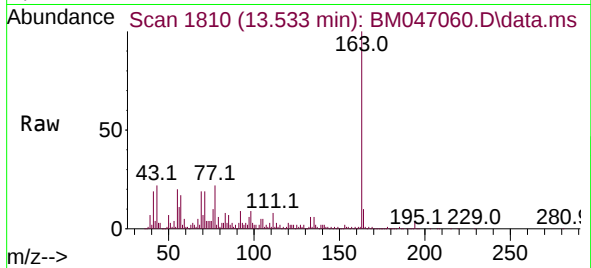
Tgt Ion:154 Resp: 179574
Ion Ratio Lower Upper
154 100
153 46.8 30.7 46.1#
76 11.2 9.3 13.9





#47
Dimethylphthalate
Concen: 4.074 ng/ul
RT: 13.533 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BM047060.D
Acq: 07 Aug 2024 16:48

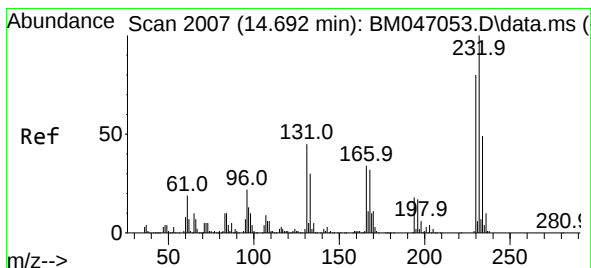
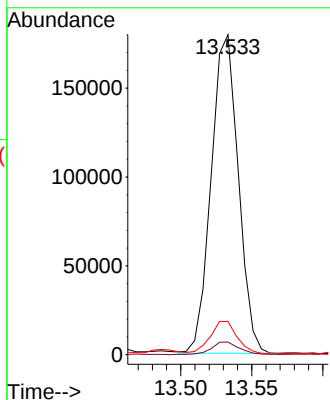
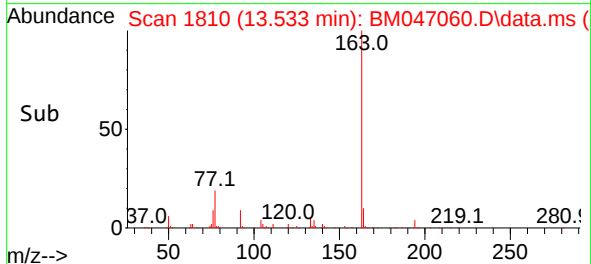
Instrument :
BNA_M
ClientSampleId :
DCVW9



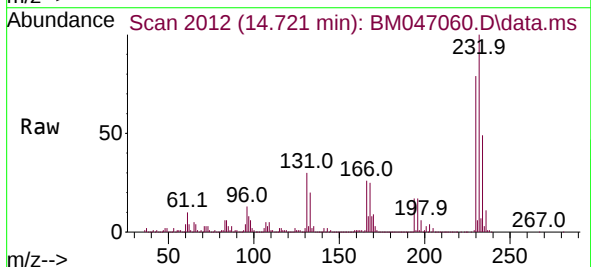
Tgt Ion:163 Resp: 238240
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.1 12.1

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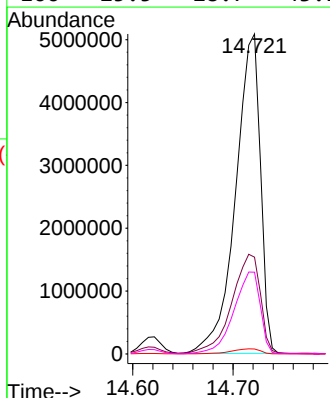
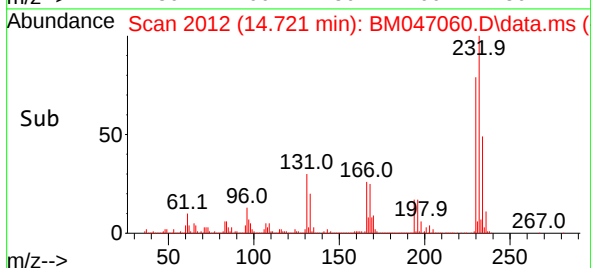
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024

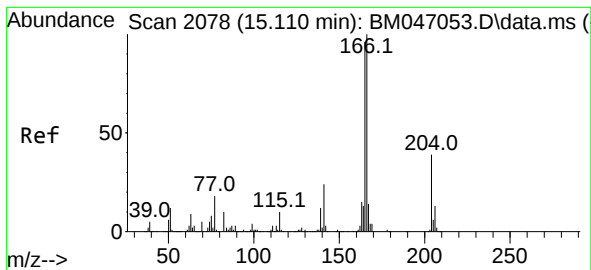


#58
2,3,4,6-Tetrachlorophenol
Concen: 582.404 ng/ul
RT: 14.721 min Scan# 2012
Delta R.T. 0.024 min
Lab File: BM047060.D
Acq: 07 Aug 2024 16:48



Tgt Ion:232 Resp: 8747132
Ion Ratio Lower Upper
232 100
131 30.3 40.8 61.2#
130 1.6 2.6 3.8#
166 25.5 28.7 43.1#





#61

Fluorene

Concen: 1.319 ng/ul

RT: 15.116 min Scan# 2078

Delta R.T. 0.000 min

Lab File: BM047060.D

Acq: 07 Aug 2024 16:48

Instrument :

BNA_M

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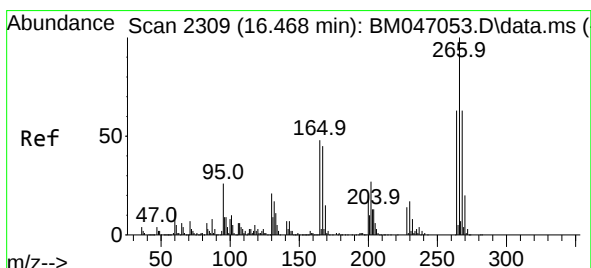
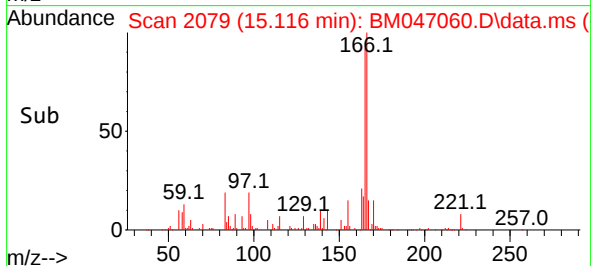
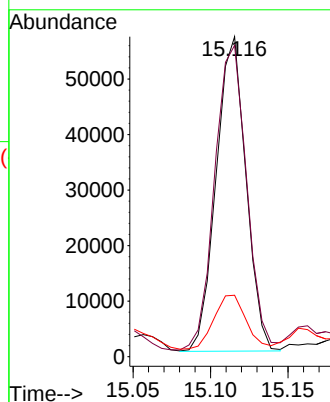
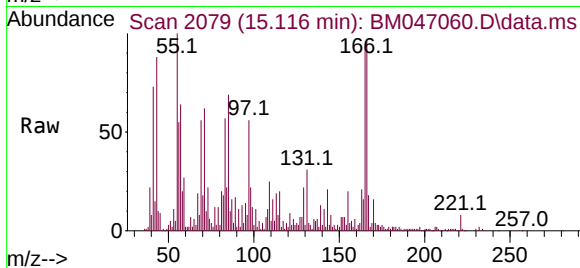
Tgt Ion:166 Resp: 75632
 Ion Ratio Lower Upper
 166 100
 165 97.3 79.5 119.3
 167 19.2 11.5 17.3

Manual Integrations

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Supervised By :mohammad ahmed 08/30/2024



#71

Pentachlorophenol

Concen: 2421.493 ng/ul m

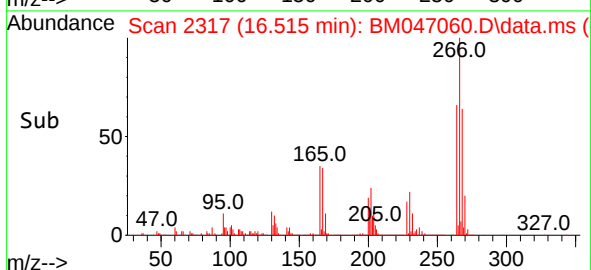
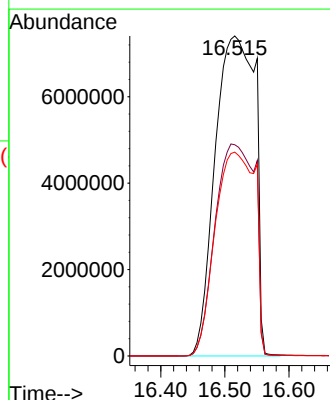
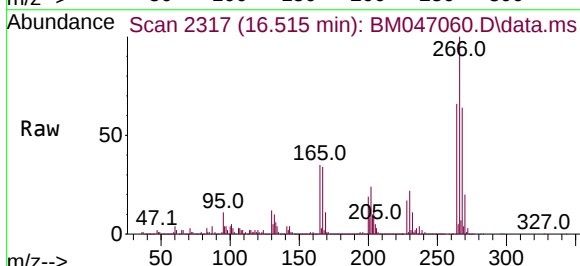
RT: 16.515 min Scan# 2317

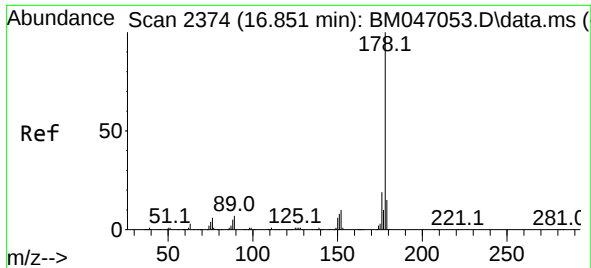
Delta R.T. 0.041 min

Lab File: BM047060.D

Acq: 07 Aug 2024 16:48

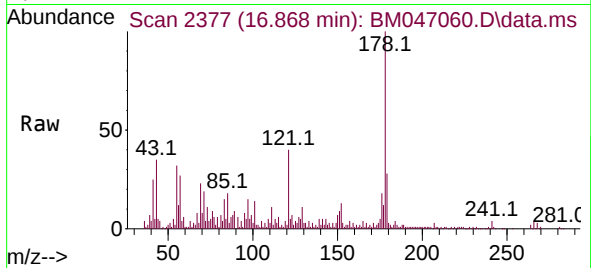
Tgt Ion:266 Resp:32086527
 Ion Ratio Lower Upper
 266 100
 264 66.0 50.7 76.1
 268 63.7 53.0 79.6





#72
Phenanthrene
Concen: 1.505 ng/ul
RT: 16.868 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM047060.D
Acq: 07 Aug 2024 16:48

Instrument :
BNA_M
ClientSampleId :
DCVW9



Tgt Ion:178 Resp: 129579
Ion Ratio Lower Upper
178 100
179 27.6 12.3 18.5
176 18.3 15.3 22.9

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