

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
 Data File : BM047770.D
 Acq On : 02 Oct 2024 10:09
 Operator : RC/JU
 Sample : P4018-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCB6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 10:53:16 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	7.810	152	291184	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	1071663	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.445	164	745517	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	1404342	20.000	ng/u1	0.01
79) Chrysene-d12	21.403	240	1349376	20.000	ng/u1	0.00
88) Perylene-d12	24.409	264	1603348	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	22130	2.456	ng/uL	0.00
4) Pyridine-d5	3.675	84	254060	9.630	ng/u1	0.00
7) Phenol-d5	6.987	99	428043	15.546	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.140	67	290739	14.880	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	341721	17.058	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	259561	12.679	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	170259	19.954	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	172259	21.067	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	321826	19.702	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	316981	12.552	ng/u1	-0.01
46) Dimethylphthalate-d6	13.851	166	925891	17.130	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1137189	17.745	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	180537	16.776	ng/u1	0.00
60) Fluorene-d10	15.439	176	831343	17.757	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	113349	13.793	ng/u1	0.00
73) Anthracene-d10	17.292	188	1195711	17.316	ng/u1	0.00
81) Pyrene-d10	19.568	212	1438450	18.783	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.203	264	1518499	18.254	ng/u1	0.00
Target Compounds						
					Qvalue	
29) 2,4-Dichlorophenol	10.263	162	40322	2.391	ng/u1#	90
30) Naphthalene	10.657	128	1139554	18.486	ng/u1	98
36) 2-Methylnaphthalene	12.269	142	1690421	43.159	ng/u1	96
37) 1-Methylnaphthalene	12.486	142	1021544	25.636	ng/u1	99
41) 2,4,6-Trichlorophenol	12.880	196	30857	2.198	ng/u1	99
42) 2,4,5-Trichlorophenol	12.951	196	19107	1.244	ng/u1	96
43) 1,1'-Biphenyl	13.275	154	162663	2.725	ng/u1#	81
52) Acenaphthene	14.510	153	71683	1.403	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.080	232	3687364	304.653	ng/u1#	93
61) Fluorene	15.492	166	138539	2.415	ng/u1#	92
71) Pentachlorophenol	16.904	266	20868389m	1948.155	ng/u1	
72) Phenanthrene	17.233	178	592567	7.195	ng/u1#	96

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

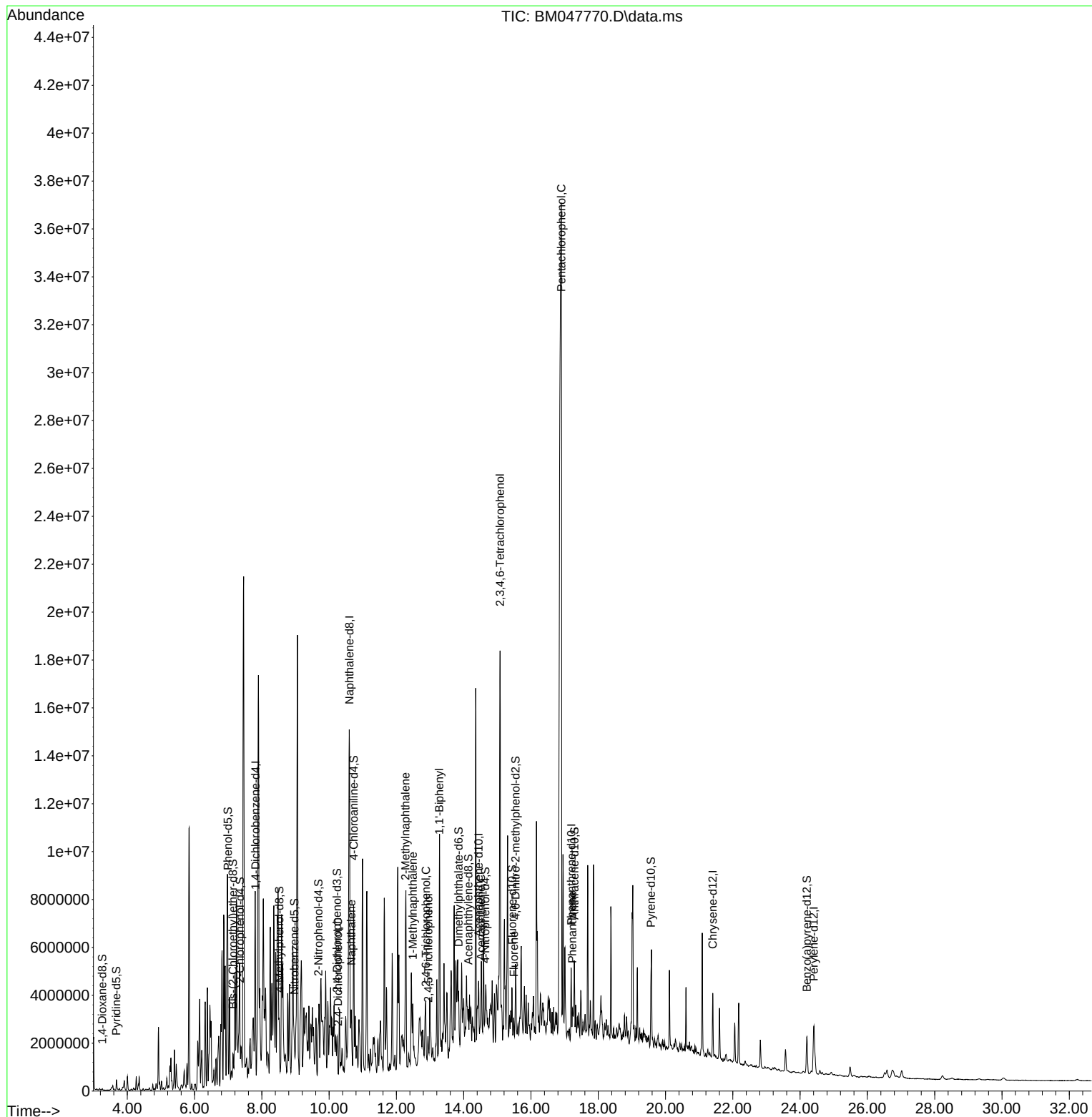
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
Data File : BM047770.D
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Misc :
ALS Vial : 34 Sample Multiplier: 1

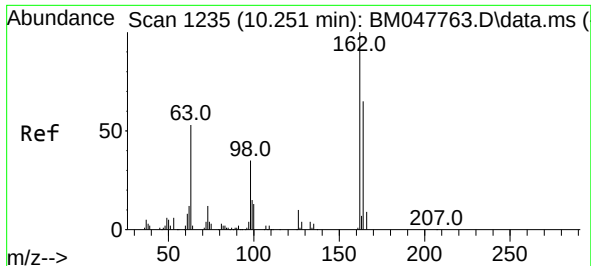
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
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#29

2,4-Dichlorophenol

Concen: 2.391 ng/ul

RT: 10.263 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM047770.D

Acq: 02 Oct 2024 10:09

Instrument :

BNA_M

ClientSampleId :

DDCB6

Tgt Ion:162 Resp: 4032

Ion Ratio Lower Upper

162 100

164 60.6 52.2 78.2

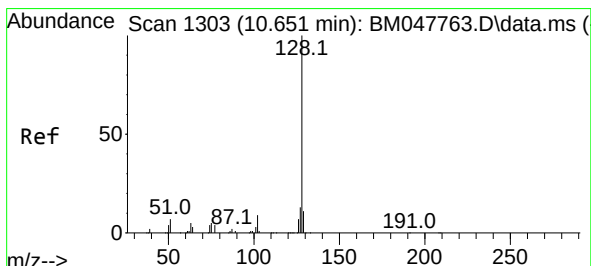
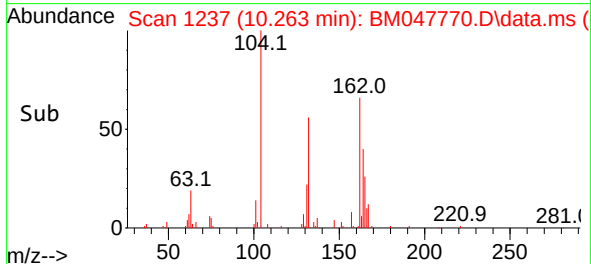
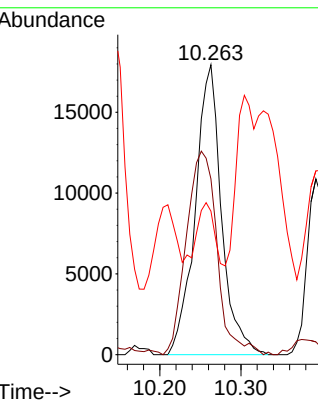
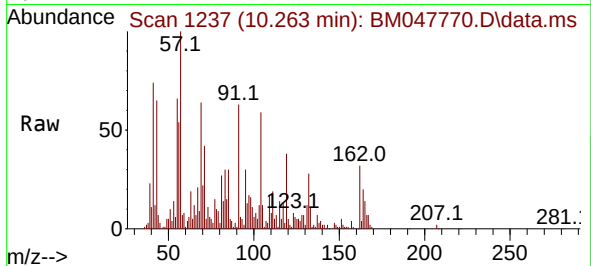
98 49.5 30.6 46.0

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#30

Naphthalene

Concen: 18.486 ng/ul

RT: 10.657 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BM047770.D

Acq: 02 Oct 2024 10:09

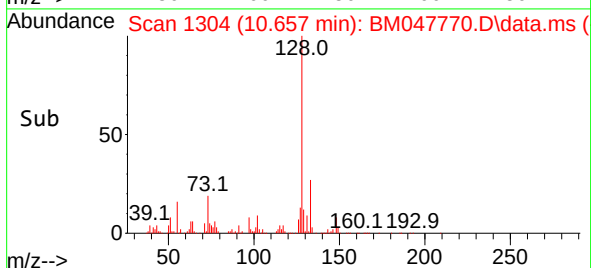
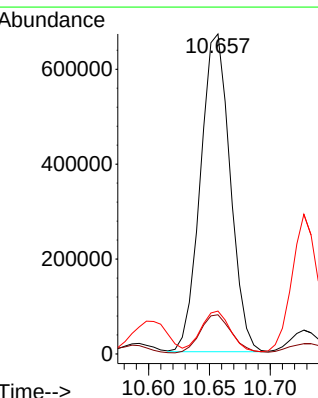
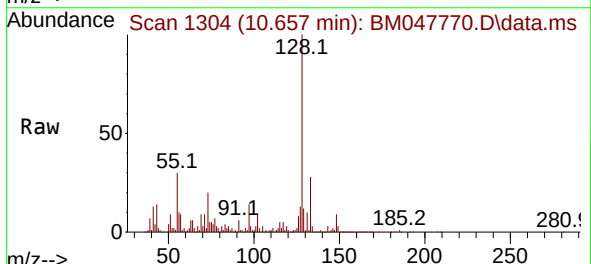
Tgt Ion:128 Resp: 1139554

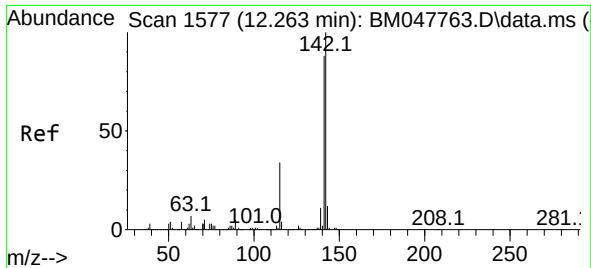
Ion Ratio Lower Upper

128 100

129 12.3 8.6 12.8

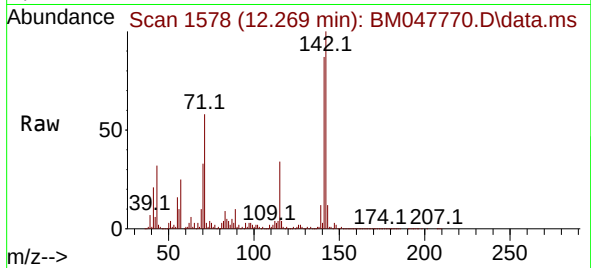
127 13.4 10.4 15.6





#36
2-Methylnaphthalene
Concen: 43.159 ng/ul
RT: 12.269 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BM047770.D
Acq: 02 Oct 2024 10:09

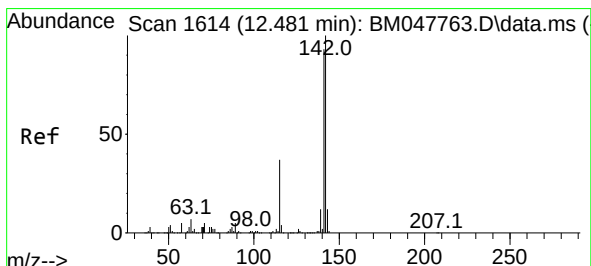
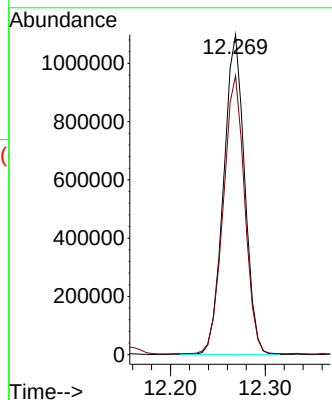
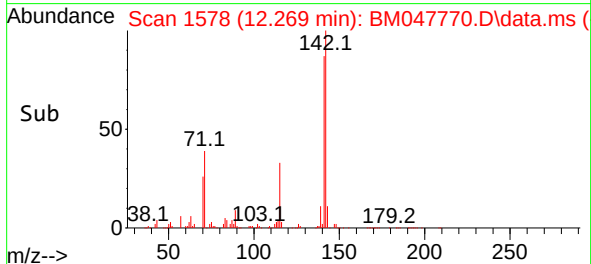
Instrument :
BNA_M
ClientSampleId :
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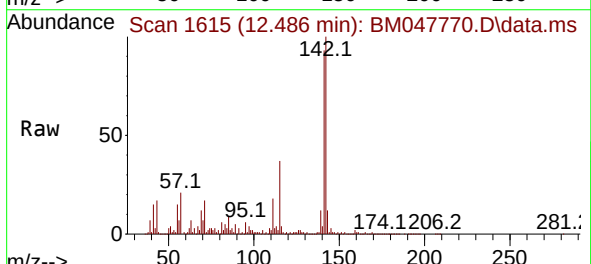
Tgt Ion:142 Resp: 169042
Ion Ratio Lower Upper
142 100
141 87.2 72.5 108.7

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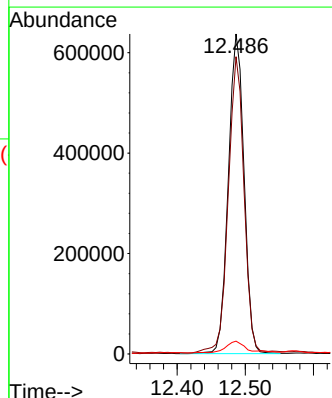
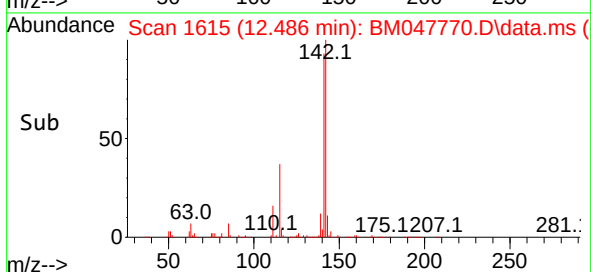
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/04/2024

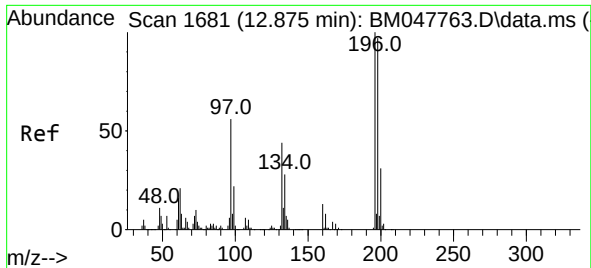


#37
1-Methylnaphthalene
Concen: 25.636 ng/ul
RT: 12.486 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM047770.D
Acq: 02 Oct 2024 10:09



Tgt Ion:142 Resp: 1021544
Ion Ratio Lower Upper
142 100
141 92.9 73.4 110.2
116 4.0 3.0 4.6





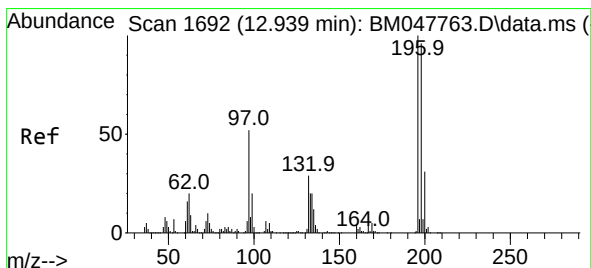
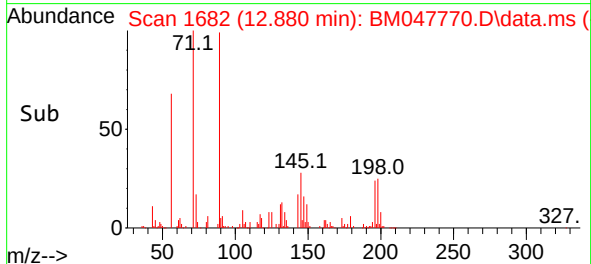
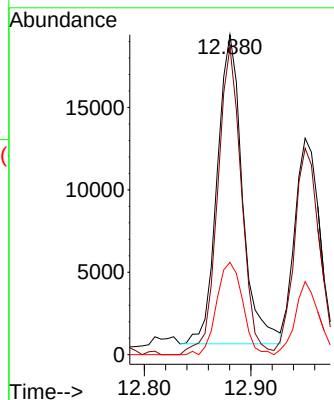
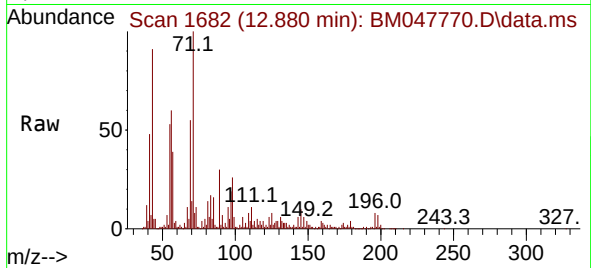
#41
2,4,6-Trichlorophenol
Concen: 2.198 ng/ul
RT: 12.880 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM047770.D
Acq: 02 Oct 2024 10:09

Instrument :
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Tgt Ion:196 Resp: 3085
Ion Ratio Lower Upper
196 100
198 96.1 77.1 115.7
200 28.8 24.5 36.7

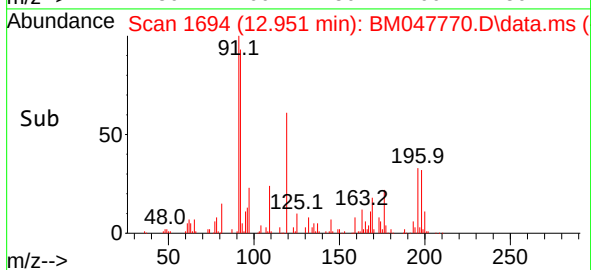
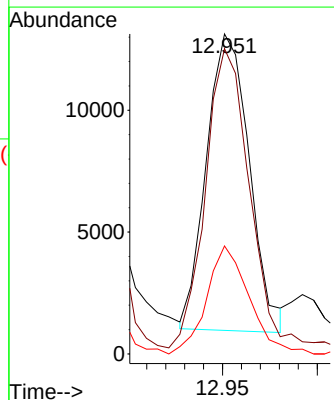
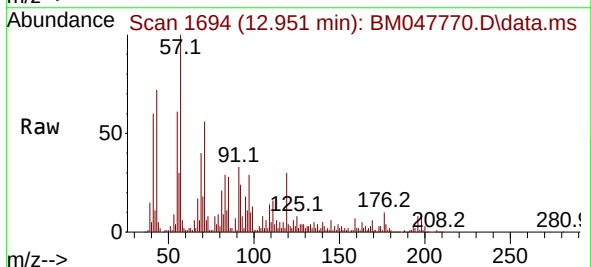
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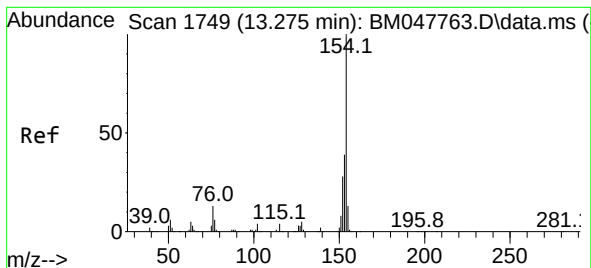
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/04/2024



#42
2,4,5-Trichlorophenol
Concen: 1.244 ng/ul
RT: 12.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BM047770.D
Acq: 02 Oct 2024 10:09

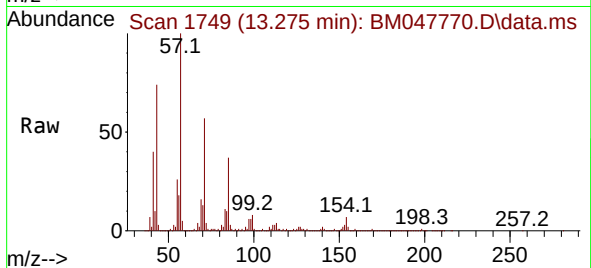
Tgt Ion:196 Resp: 19107
Ion Ratio Lower Upper
196 100
198 95.4 79.5 119.3
200 33.8 25.8 38.8





#43
1,1'-Biphenyl
Concen: 2.725 ng/ul
RT: 13.275 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM047770.D
Acq: 02 Oct 2024 10:09

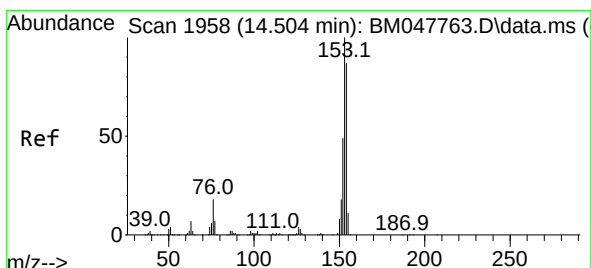
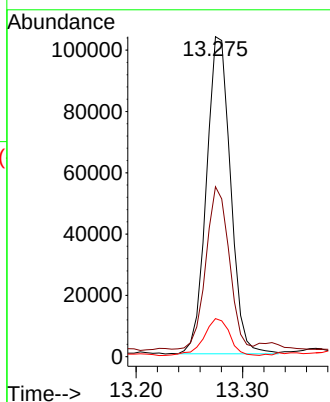
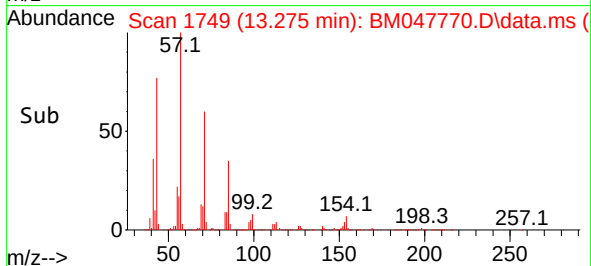
Instrument :
BNA_M
ClientSampleId :
DDCB6



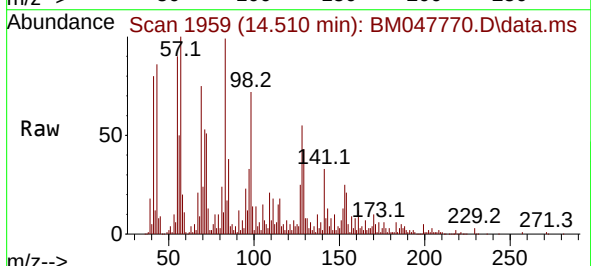
Tgt Ion:154 Resp: 16266
Ion Ratio Lower Upper
154 100
153 53.1 31.1 46.7
76 11.9 12.1 18.1

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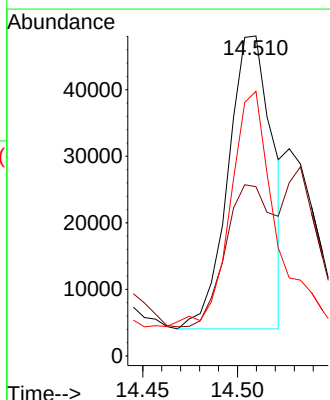
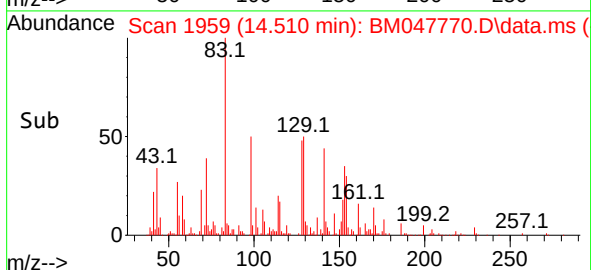
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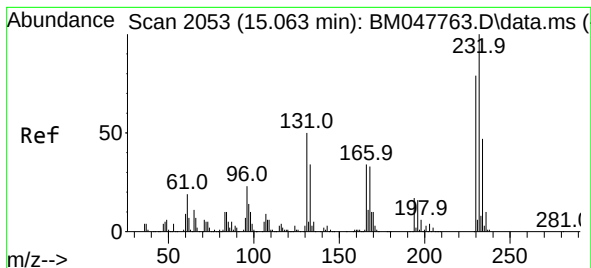


#52
Acenaphthene
Concen: 1.403 ng/ul
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM047770.D
Acq: 02 Oct 2024 10:09



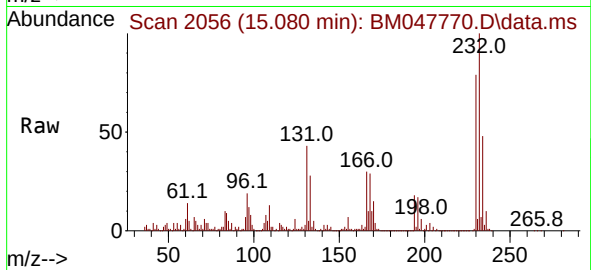
Tgt Ion:153 Resp: 71683
Ion Ratio Lower Upper
153 100
152 52.9 39.7 59.5
154 82.7 72.6 108.8





#58
2,3,4,6-Tetrachlorophenol
Concen: 304.653 ng/ul
RT: 15.080 min Scan# 2056
Delta R.T. 0.012 min
Lab File: BM047770.D
Acq: 02 Oct 2024 10:09

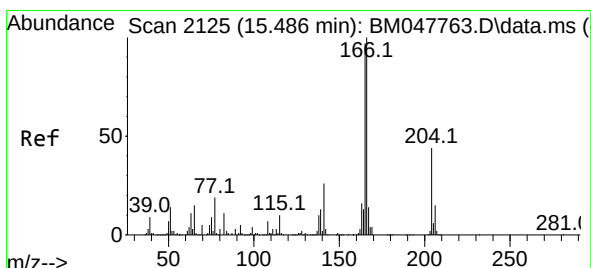
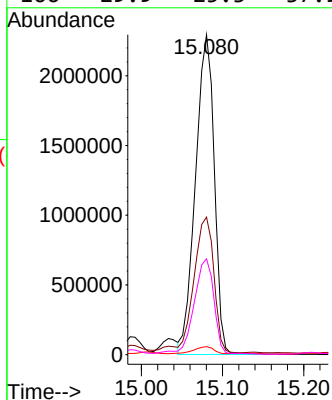
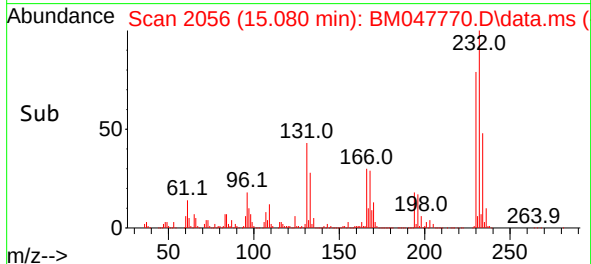
Instrument :
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ClientSampleId :
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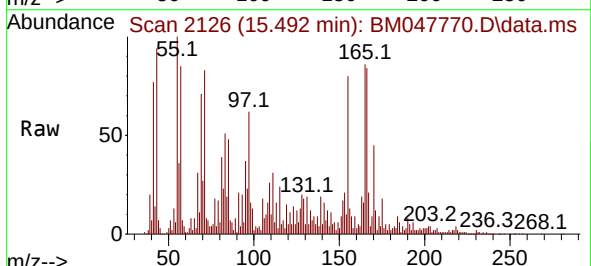
Tgt Ion:232 Resp: 3687364
Ion Ratio Lower Upper
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131 43.0 40.2 60.4
130 2.5 2.6 4.0
166 29.9 25.3 37.9

Manual Integrations
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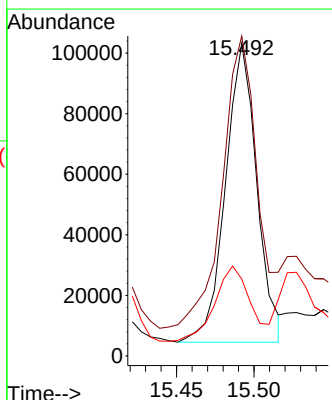
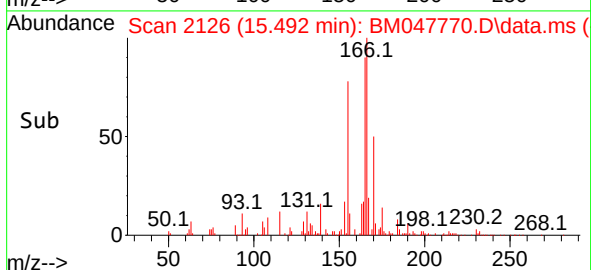
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/04/2024

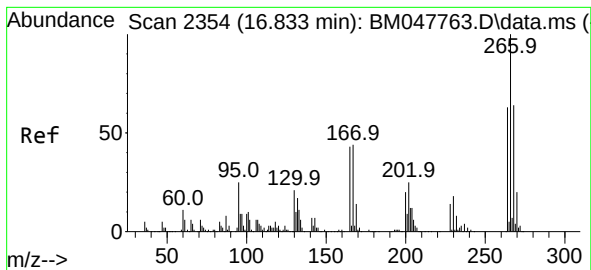


#61
Fluorene
Concen: 2.415 ng/ul
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM047770.D
Acq: 02 Oct 2024 10:09



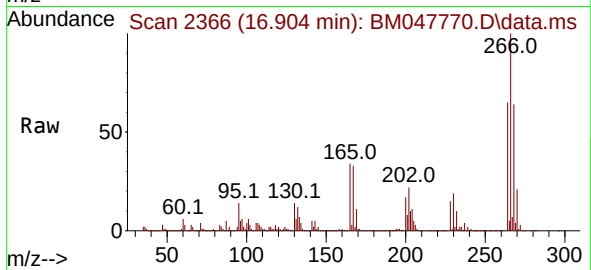
Tgt Ion:166 Resp: 138539
Ion Ratio Lower Upper
166 100
165 102.4 77.8 116.6
167 24.6 10.8 16.2#





#71
Pentachlorophenol
Concen: 1948.155 ng/ul m
RT: 16.904 min Scan# 21
Delta R.T. 0.065 min
Lab File: BM047770.D
Acq: 02 Oct 2024 10:09

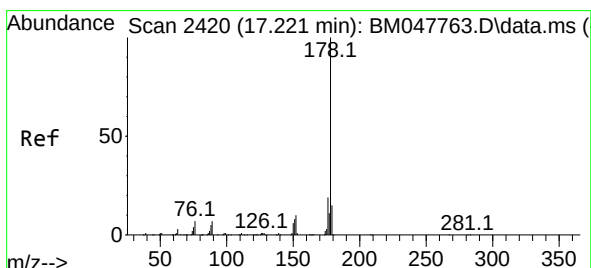
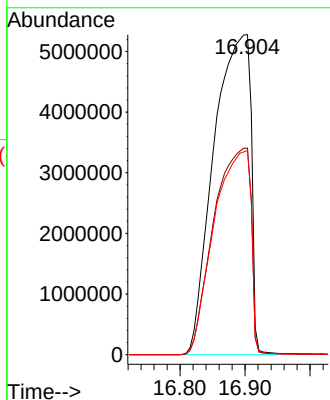
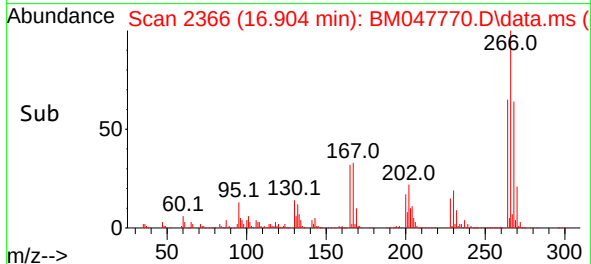
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Tgt Ion:266 Resp:20868389
Ion Ratio Lower Upper
266 100
264 64.5 50.2 75.2
268 63.8 50.9 76.3

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#72
Phenanthrene
Concen: 7.195 ng/ul
RT: 17.233 min Scan# 2422
Delta R.T. 0.006 min
Lab File: BM047770.D
Acq: 02 Oct 2024 10:09

Tgt Ion:178 Resp: 592567
Ion Ratio Lower Upper
178 100
179 18.6 12.0 18.0#
176 18.9 15.4 23.0

