

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022176.D
 Acq On : 03 Oct 2024 00:57
 Operator : RC/JU
 Sample : P4017-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC42

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 07:39:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	139689	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	542684	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.316	164	413017	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	945064	20.000	ng/u1	0.03
79) Chrysene-d12	21.539	240	953008	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	1170405	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	8919	2.501	ng/uL	0.00
4) Pyridine-d5	3.640	84	132192	12.968	ng/u1	0.00
7) Phenol-d5	6.905	99	210507	18.422	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.046	67	148142	21.054	ng/u1	0.00
11) 2-Chlorophenol-d4	7.252	132	150788	18.239	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	138685	15.317	ng/u1	0.01
21) Nitrobenzene-d5	8.846	128	81072	19.960	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	85265	18.514	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	176258	17.623	ng/u1	0.02
31) 4-Chloroaniline-d4	10.581	131	203306	17.037	ng/u1	-0.02
46) Dimethylphthalate-d6	13.716	166	537093	16.823	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	599008	17.721	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	121453	22.240	ng/u1	0.02
60) Fluorene-d10	15.322	176	482210	17.075	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	88445m	15.074	ng/u1	0.00
73) Anthracene-d10	17.239	188	785491	17.804	ng/u1	0.02
81) Pyrene-d10	19.598	212	922150	18.677	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	1048531	17.033	ng/u1	-0.01
Target Compounds						
					Qvalue	
29) 2,4-Dichlorophenol	10.134	162	29390	2.958	ng/u1#	93
30) Naphthalene	10.516	128	923653	32.347	ng/u1	98
36) 2-Methylnaphthalene	12.122	142	1737632	81.885	ng/u1	99
37) 1-Methylnaphthalene	12.346	142	1027961	48.032	ng/u1	99
41) 2,4,6-Trichlorophenol	12.740	196	42376	4.629	ng/u1	98
42) 2,4,5-Trichlorophenol	12.822	196	16672m	1.682	ng/u1	
43) 1,1'-Biphenyl	13.140	154	200702	6.795	ng/u1#	93
58) 2,3,4,6-Tetrachlorophenol	14.975	232	5926587	621.102	ng/u1	96
61) Fluorene	15.375	166	160016	5.053	ng/u1#	82
71) Pentachlorophenol	16.834	266	39675741m	4315.275	ng/u1	
72) Phenanthrene	17.186	178	739420	14.922	ng/u1#	96
86) Bis(2-ethylhexyl)phtha...	21.451	149	70461	2.269	ng/u1#	87

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

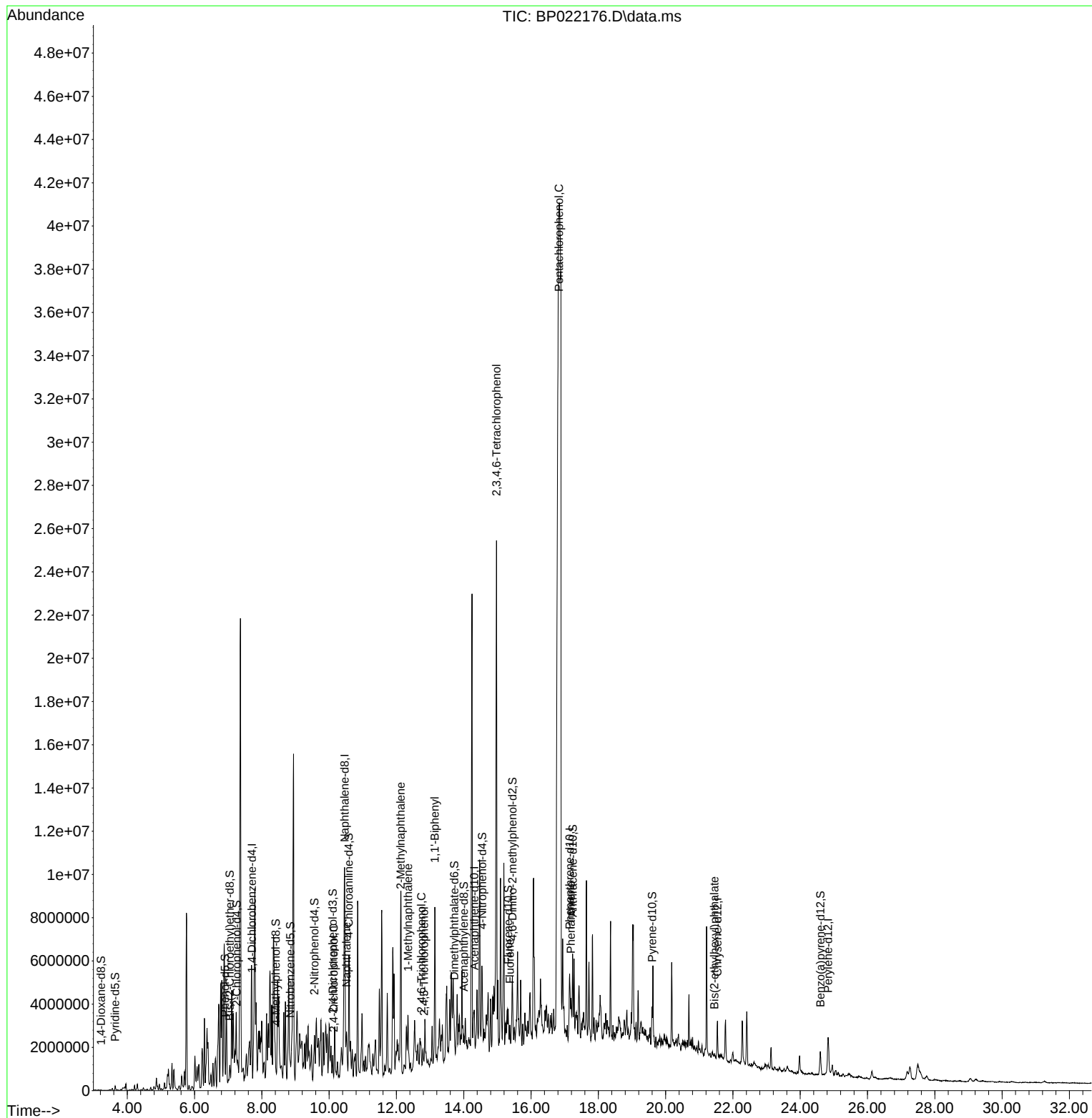
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022176.D
Acq On : 03 Oct 2024 00:57
Operator : RC/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

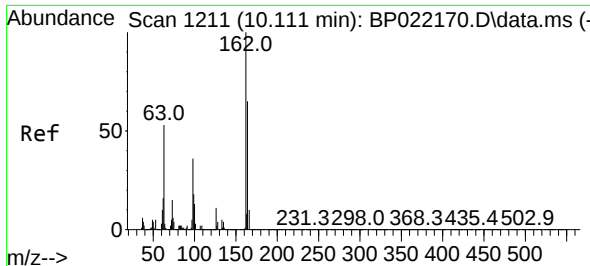
Instrument :
BNA_P
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Quant Time: Oct 03 07:39:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
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#29

2,4-Dichlorophenol

Concen: 2.958 ng/ul

RT: 10.134 min Scan# 1211

Delta R.T. 0.012 min

Lab File: BP022176.D

Acq: 03 Oct 2024 00:57

Instrument :

BNA_P

ClientSampleId :

DDC42

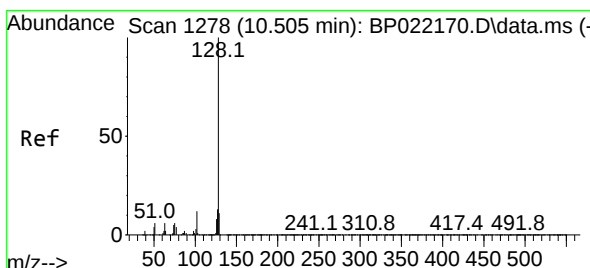
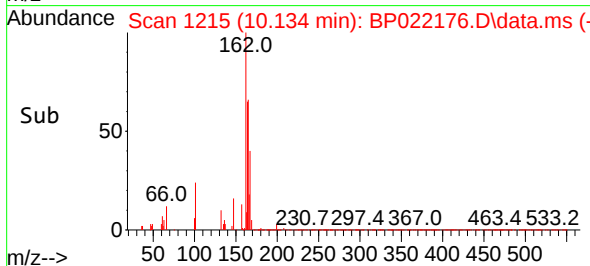
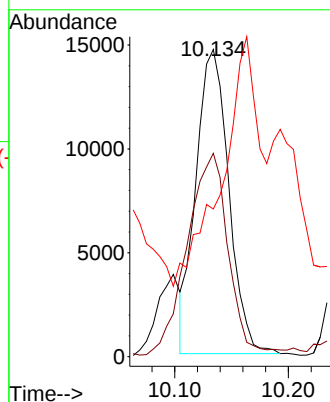
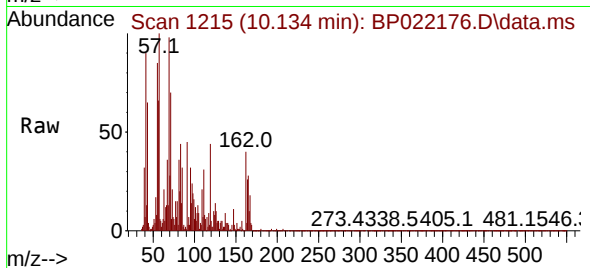
Tgt Ion:162	Resp:	29390
Ion Ratio	Lower	Upper
162	100	
164	66.2	52.4 78.6
98	48.1	29.8 44.8

Manual Integrations

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#30

Naphthalene

Concen: 32.347 ng/ul

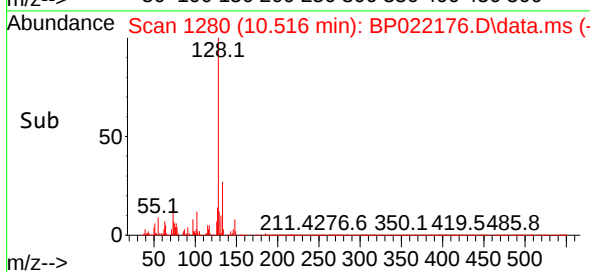
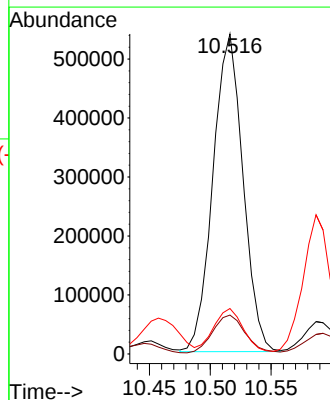
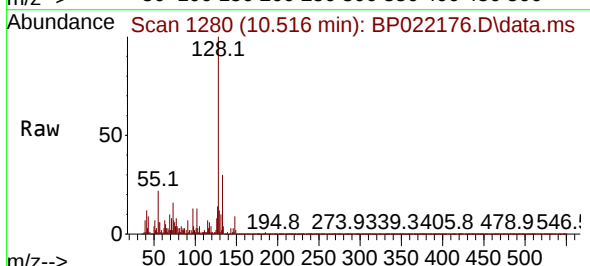
RT: 10.516 min Scan# 1280

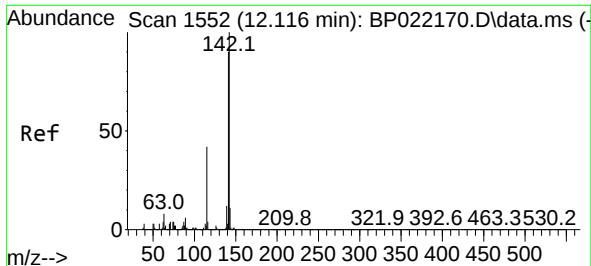
Delta R.T. -0.006 min

Lab File: BP022176.D

Acq: 03 Oct 2024 00:57

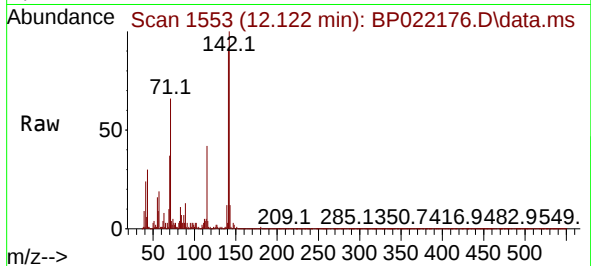
Tgt Ion:128	Resp:	923653
Ion Ratio	Lower	Upper
128	100	
129	12.2	8.9 13.3
127	14.2	10.9 16.3





#36
2-Methylnaphthalene
Concen: 81.885 ng/ul
RT: 12.122 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BP022176.D
Acq: 03 Oct 2024 00:57

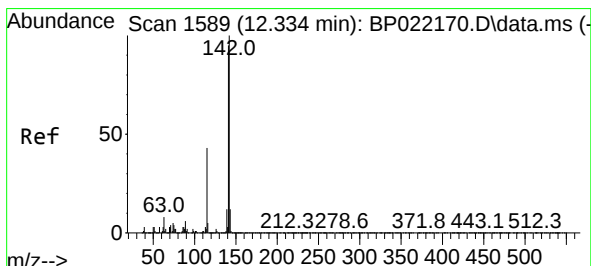
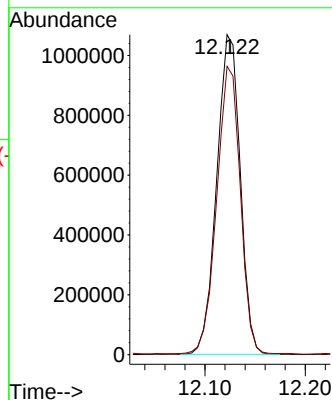
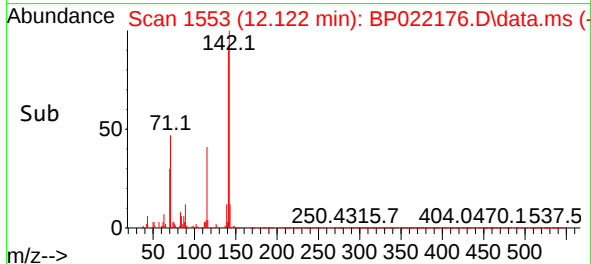
Instrument :
BNA_P
ClientSampleId :
DDC42



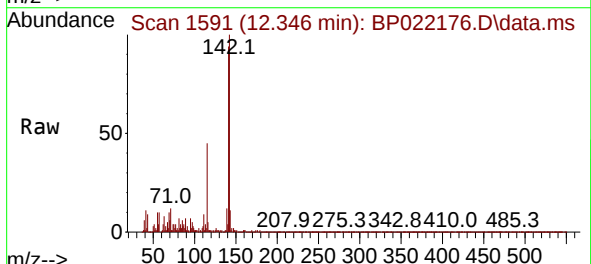
Tgt Ion:142 Resp: 173763
Ion Ratio Lower Upper
142 100
141 90.1 72.6 109.0

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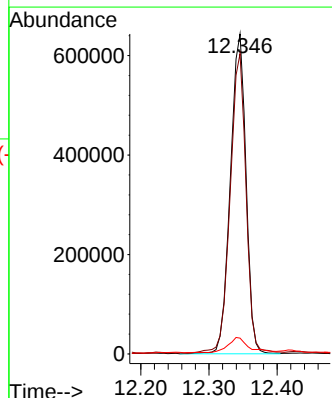
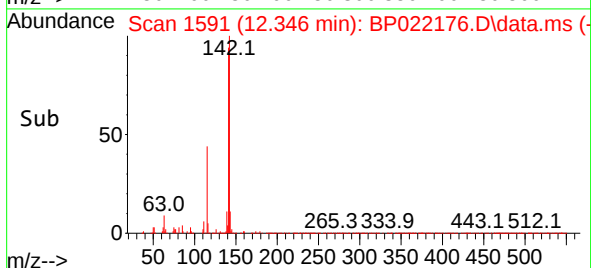
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

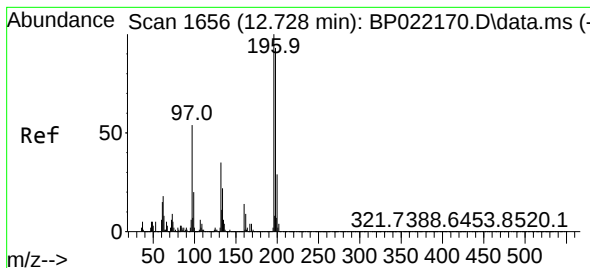


#37
1-Methylnaphthalene
Concen: 48.032 ng/ul
RT: 12.346 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP022176.D
Acq: 03 Oct 2024 00:57



Tgt Ion:142 Resp: 1027961
Ion Ratio Lower Upper
142 100
141 93.8 74.6 111.8
116 4.9 3.9 5.9





#41

2,4,6-Trichlorophenol

Concen: 4.629 ng/ul

RT: 12.740 min Scan# 1656

Delta R.T. -0.006 min

Lab File: BP022176.D

Acq: 03 Oct 2024 00:57

Instrument :

BNA_P

ClientSampleId :

DDC42

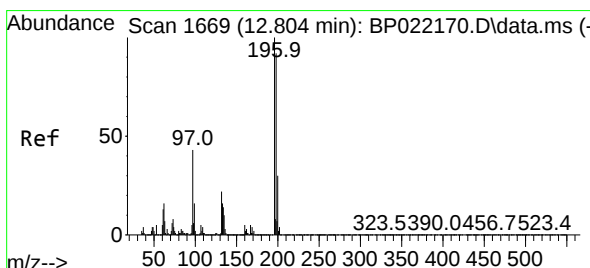
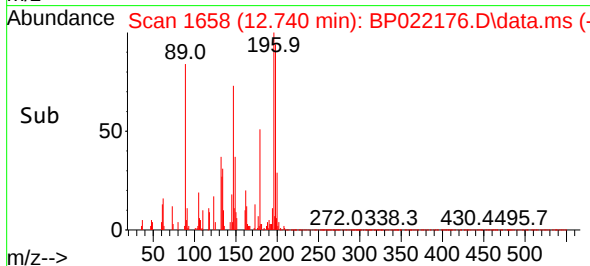
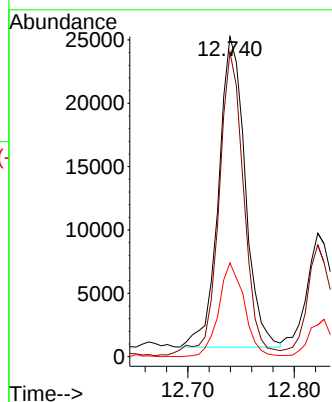
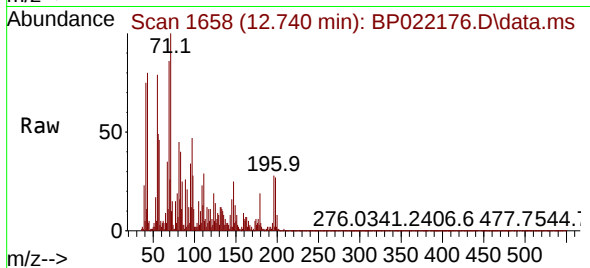
Tgt Ion:196 Resp: 42370
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.6 116.4
 200 29.3 24.2 36.4

Manual Integrations

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#42

2,4,5-Trichlorophenol

Concen: 1.682 ng/ul m

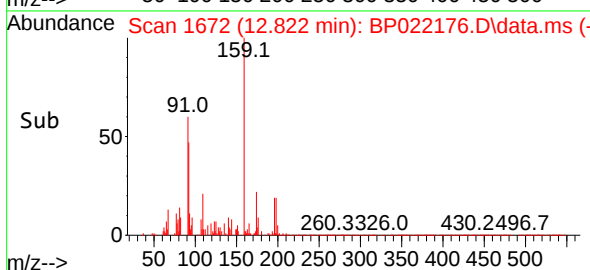
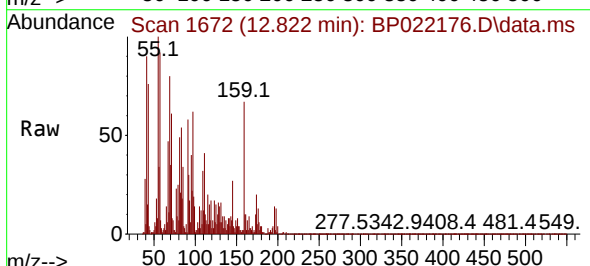
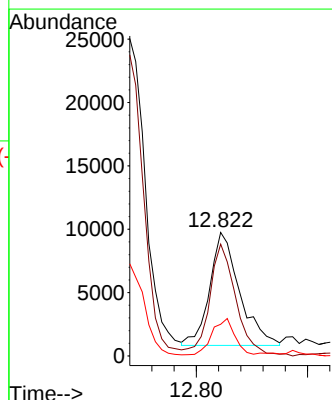
RT: 12.822 min Scan# 1672

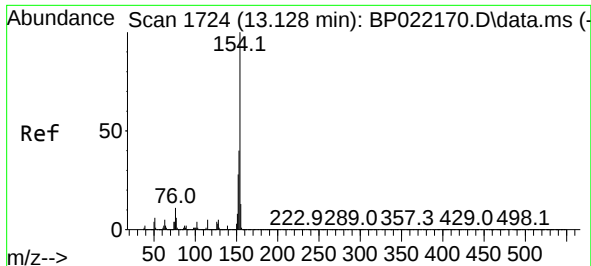
Delta R.T. 0.006 min

Lab File: BP022176.D

Acq: 03 Oct 2024 00:57

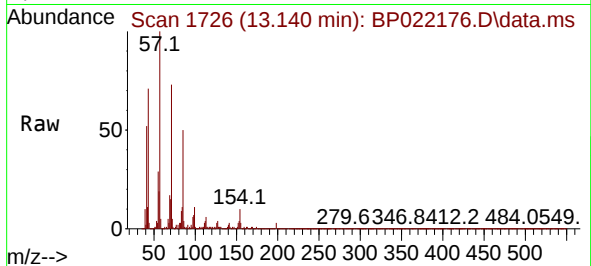
Tgt Ion:196 Resp: 16672
 Ion Ratio Lower Upper
 196 100
 198 90.5 78.2 117.2
 200 25.7 26.1 39.1#





#43
1,1'-Biphenyl
Concen: 6.795 ng/ul
RT: 13.140 min Scan# 1724
Delta R.T. -0.012 min
Lab File: BP022176.D
Acq: 03 Oct 2024 00:57

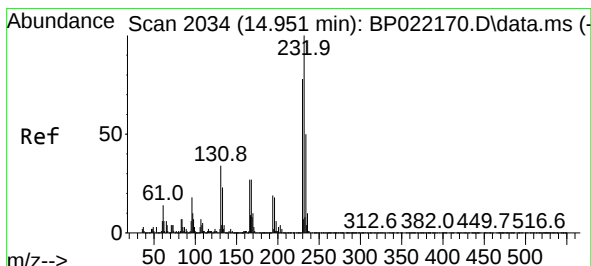
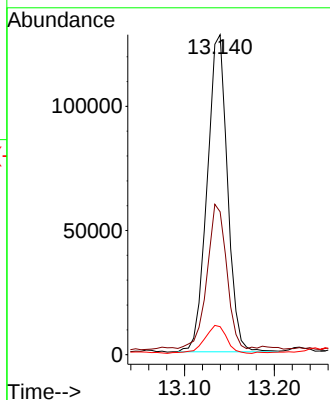
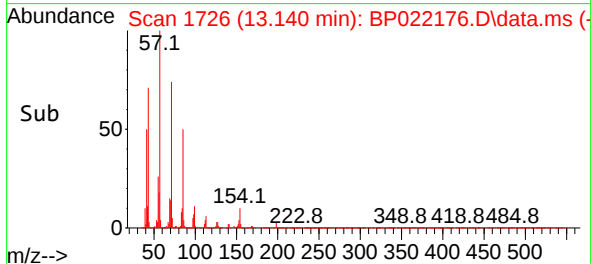
Instrument :
BNA_P
ClientSampleId :
DDC42



Tgt Ion:154 Resp: 200702
Ion Ratio Lower Upper
154 100
153 44.7 32.6 49.0
76 8.8 10.1 15.1

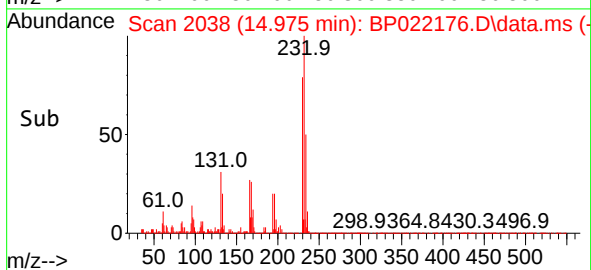
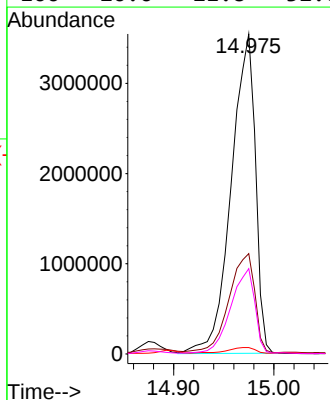
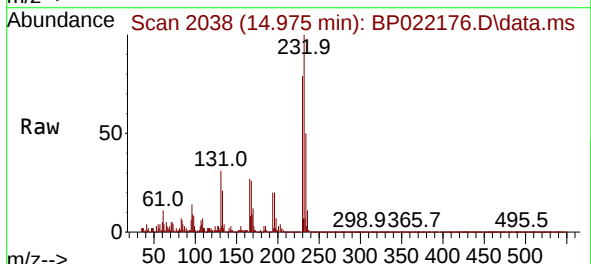
Manual Integrations
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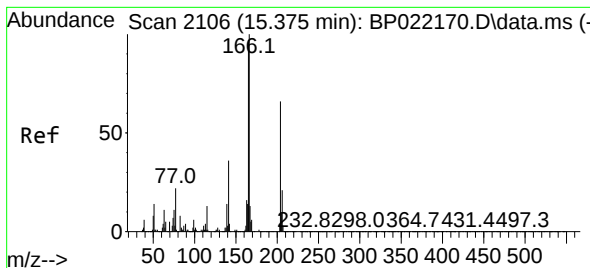
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 621.102 ng/ul
RT: 14.975 min Scan# 2038
Delta R.T. 0.012 min
Lab File: BP022176.D
Acq: 03 Oct 2024 00:57

Tgt Ion:232 Resp: 5926587
Ion Ratio Lower Upper
232 100
131 31.4 28.2 42.2
130 2.0 1.8 2.6
166 26.6 21.8 32.6





#61

Fluorene

Concen: 5.053 ng/ul

RT: 15.375 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BP022176.D

Acq: 03 Oct 2024 00:57

Instrument :

BNA_P

ClientSampleId :

DDC42

Tgt Ion:166 Resp: 160010

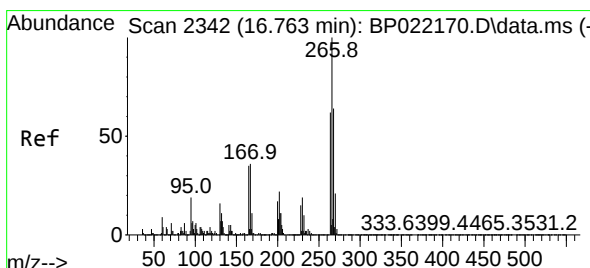
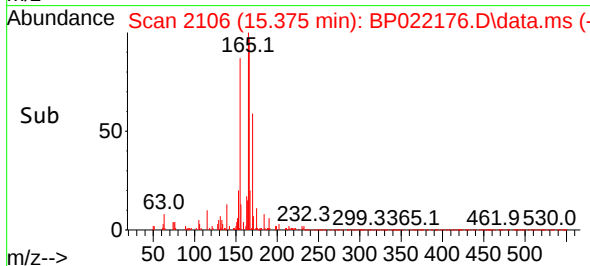
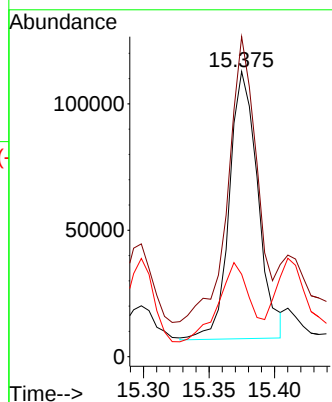
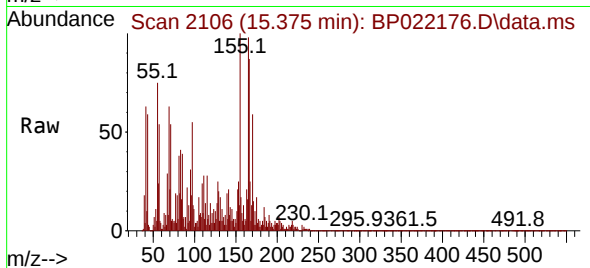
Ion	Ratio	Lower	Upper
166	100		
165	112.2	77.9	116.9
167	28.9	10.5	15.7

Manual Integrations

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#71

Pentachlorophenol

Concen: 4315.275 ng/ul m

RT: 16.834 min Scan# 2354

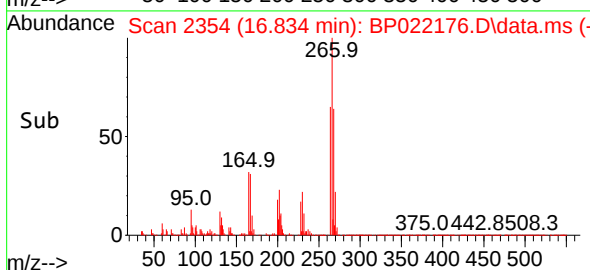
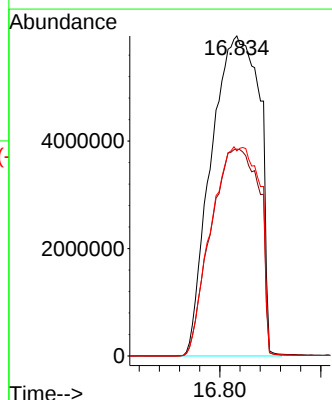
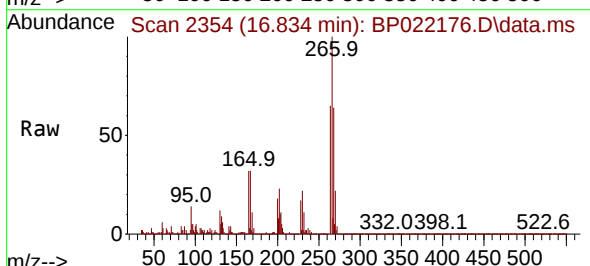
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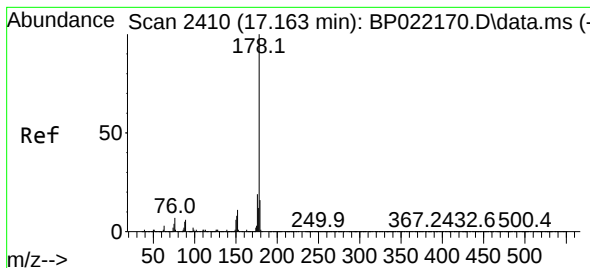
Lab File: BP022176.D

Acq: 03 Oct 2024 00:57

Tgt Ion:266 Resp:39675741

Ion	Ratio	Lower	Upper
266	100		
264	64.7	50.2	75.4
268	64.1	51.4	77.0





#72

Phenanthrene

Concen: 14.922 ng/ul

RT: 17.186 min Scan# 2410

Delta R.T. 0.030 min

Lab File: BP022176.D

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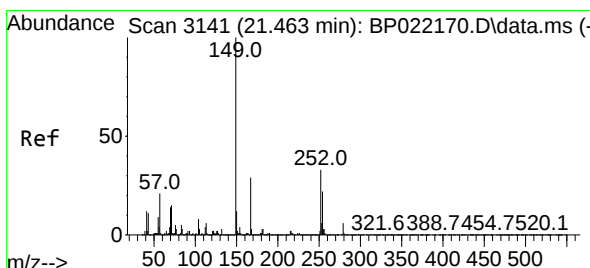
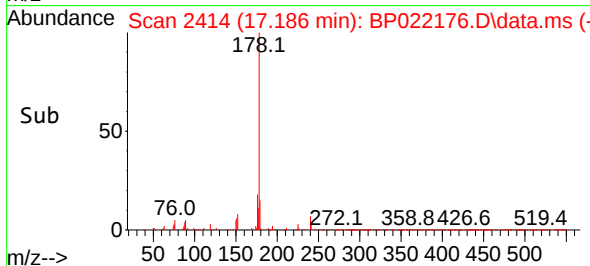
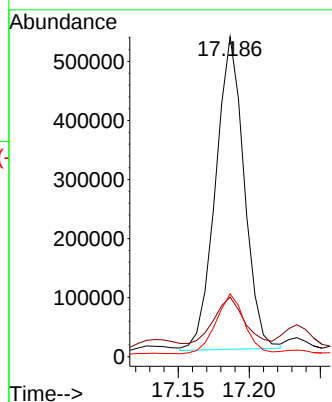
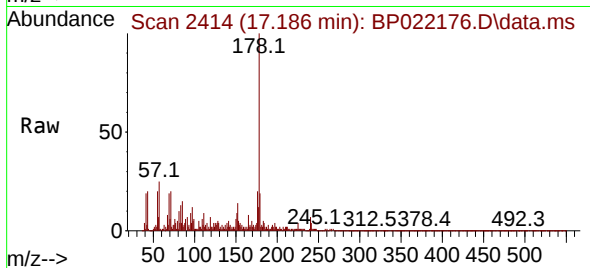
Tgt Ion:	178	Resp:	739420
Ion Ratio	Lower	Upper	
178	100		
179	18.6	12.4	18.6
176	19.6	15.0	22.6

Manual Integrations

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Supervised By :mohammad ahmed 10/05/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.269 ng/ul

RT: 21.451 min Scan# 3139

Delta R.T. -0.012 min

Lab File: BP022176.D

Acq: 03 Oct 2024 00:57

Tgt Ion:	149	Resp:	70461
Ion Ratio	Lower	Upper	
149	100		
167	35.7	23.0	34.4#
279	9.7	4.5	6.7#

