

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
 Data File : BP022123.D
 Acq On : 30 Sep 2024 22:07
 Operator : RC/JU
 Sample : P4022-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC95

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2024
 Supervised By :mohammad ahmed 10/02/2024

Quant Time: Oct 01 05:50:53 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	108841	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	446677	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.310	164	348191	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.122	188	816123	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	946143	20.000	ng/ul	0.00
88) Perylene-d12	24.810	264	1126496	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	10714	3.856	ng/uL	0.00
4) Pyridine-d5	3.640	84	58404	7.353	ng/ul	0.00
7) Phenol-d5	6.916	99	84975	9.544	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.040	67	145793	26.593	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	180364	28.000	ng/ul	0.02
15) 4-Methylphenol-d8	8.416	113	145125	20.571	ng/ul	0.01
21) Nitrobenzene-d5	8.840	128	98606	29.494	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	117033	30.874	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	249560	30.315	ng/ul	0.01
31) 4-Chloroaniline-d4	10.581	131	43321	4.410	ng/ul	-0.02
46) Dimethylphthalate-d6	13.728	166	876771	32.575	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	921385	32.333	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	58805m	12.773	ng/ul	0.02
60) Fluorene-d10	15.316	176	784234	32.939	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	198073m	39.092	ng/ul	0.00
73) Anthracene-d10	17.222	188	1290957	33.884	ng/ul	0.00
81) Pyrene-d10	19.586	212	1741368	35.525	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.580	264	1990125	33.589	ng/ul	-0.03
Target Compounds						
29) 2,4-Dichlorophenol	10.134	162	10524	1.287	ng/ul#	80
30) Naphthalene	10.516	128	1423695	60.575	ng/ul	100
36) 2-Methylnaphthalene	12.122	142	833324	47.710	ng/ul	98
37) 1-Methylnaphthalene	12.345	142	518779	29.450	ng/ul	99
41) 2,4,6-Trichlorophenol	12.745	196	200785	26.018	ng/ul	97
42) 2,4,5-Trichlorophenol	12.828	196	74375	8.900	ng/ul	100
43) 1,1'-Biphenyl	13.140	154	83709	3.362	ng/ul#	70
52) Acenaphthene	14.375	153	25853	1.197	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.986	232	15403354	1914.803	ng/ul	96
61) Fluorene	15.381	166	37412	1.401	ng/ul#	90
71) Pentachlorophenol	16.816	266	23375823m	2944.123	ng/ul	
72) Phenanthrene	17.169	178	81425	1.903	ng/ul#	91

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

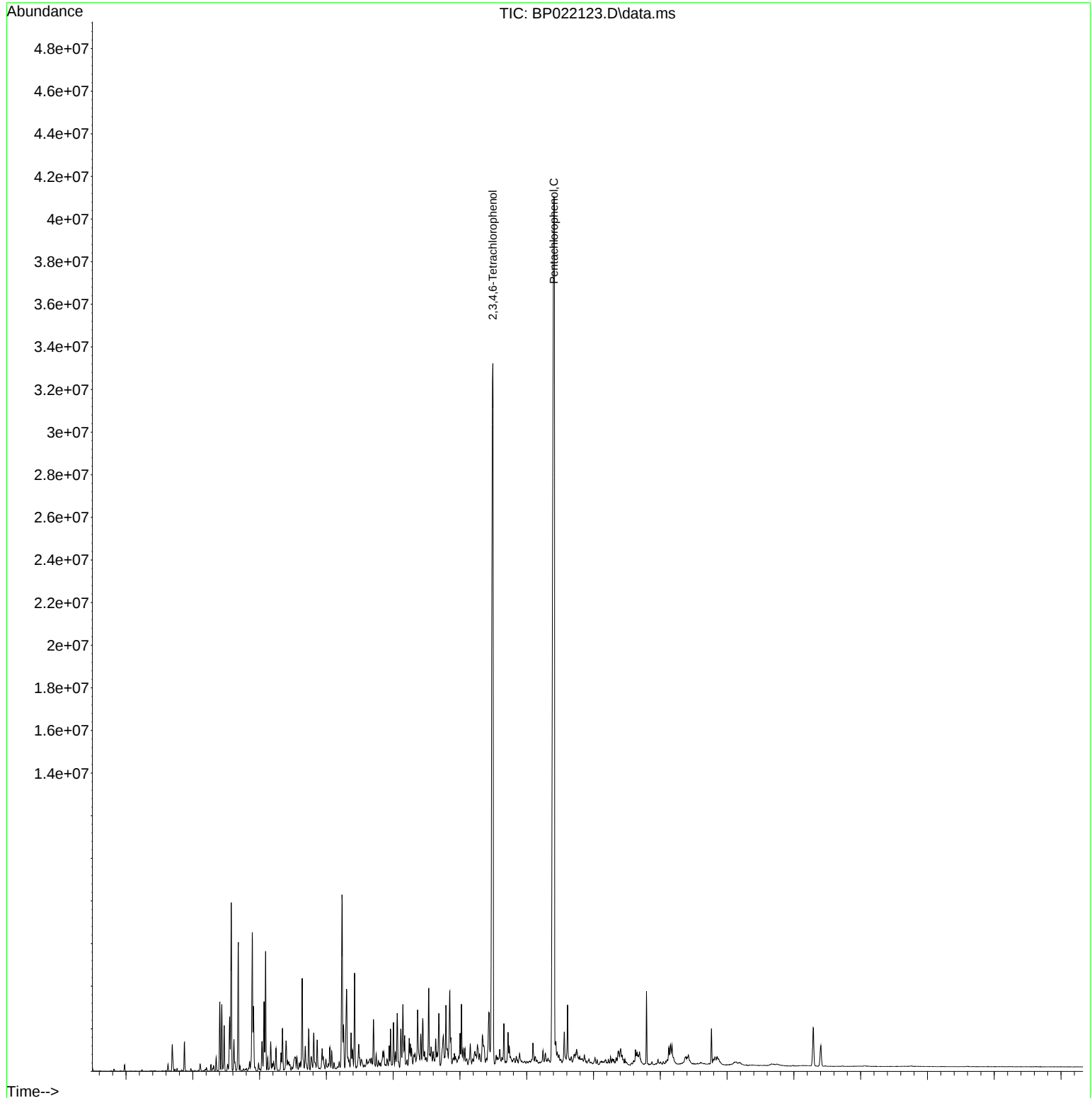
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Data File : BP022123.D
Acq On : 30 Sep 2024 22:07
Operator : RC/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

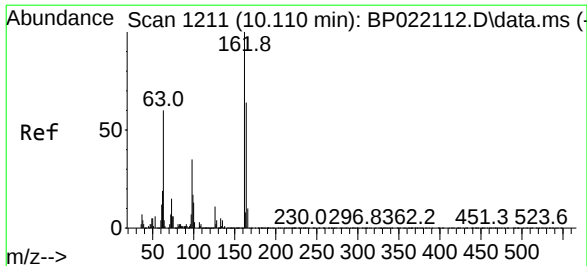
Instrument :
BNA_P
ClientSampleId :
DDC95

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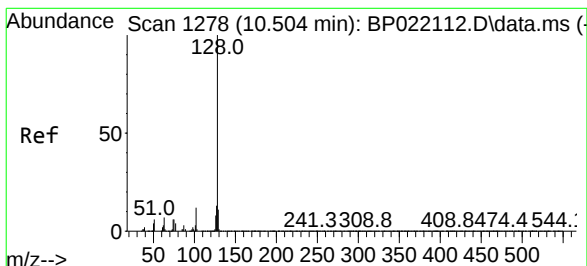
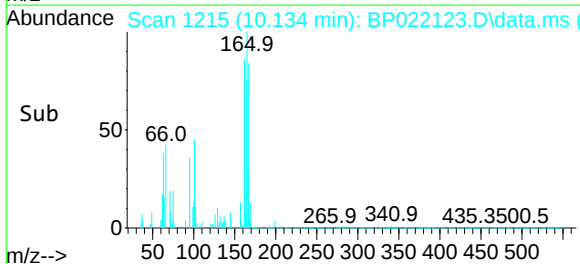
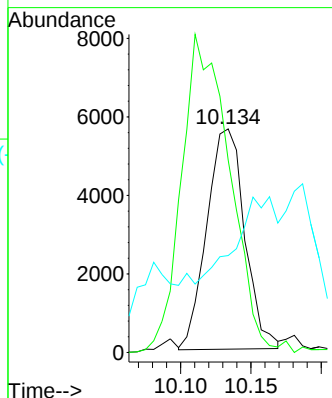
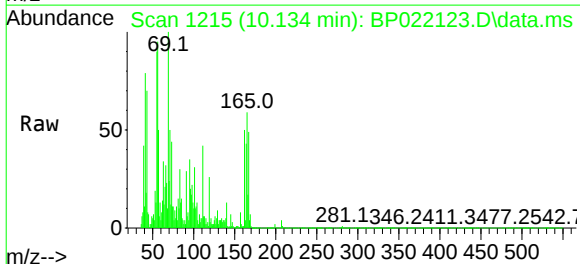
#29
2,4-Dichlorophenol
Concen: 1.287 ng/u1
RT: 10.134 min Scan# 1211
Delta R.T. 0.012 min
Lab File: BP022123.D
Acq: 30 Sep 2024 22:07

Instrument :
BNA_P
ClientSampleId :
DDC95

Tgt	Ion	Ratio	Lower	Upper
162	100			
164	86.1	52.4	78.6	
98	43.4	29.8	44.8	

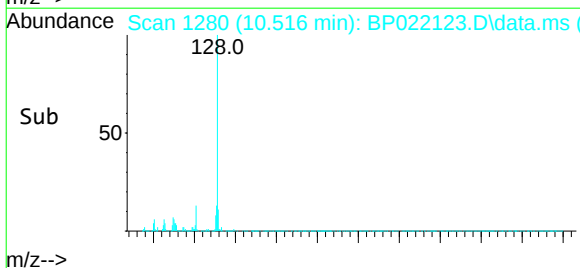
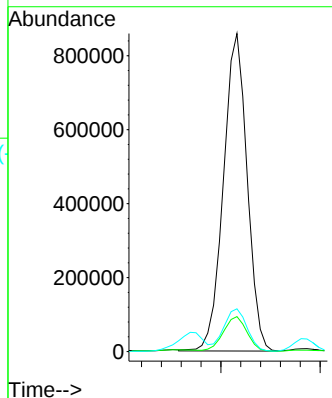
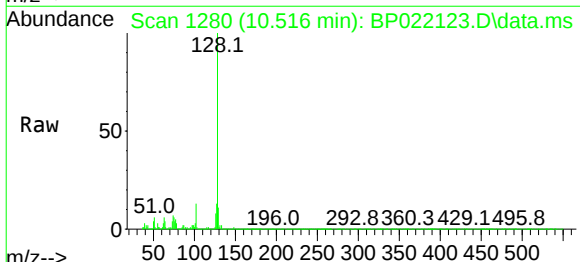
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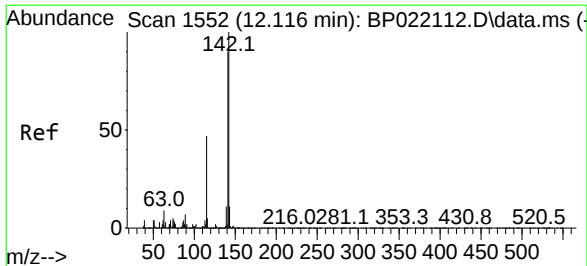
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#30
Naphthalene
Concen: 60.575 ng/u1
RT: 10.516 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP022123.D
Acq: 30 Sep 2024 22:07

Tgt	Ion	Ratio	Lower	Upper
128	100			
129	11.0	8.9	13.3	
127	13.5	10.9	16.3	





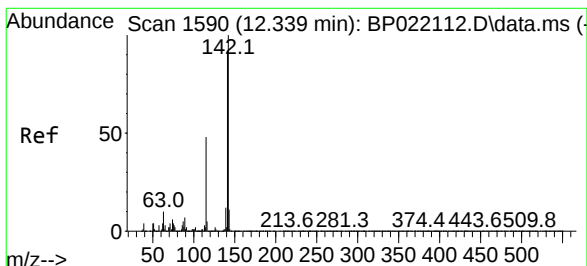
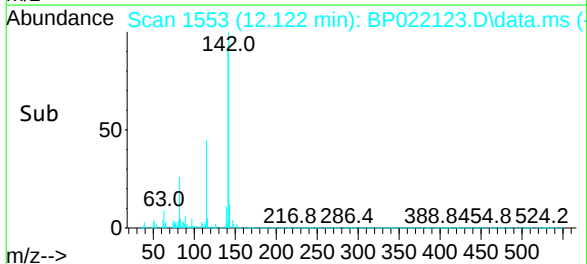
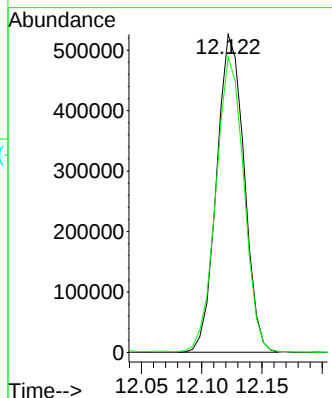
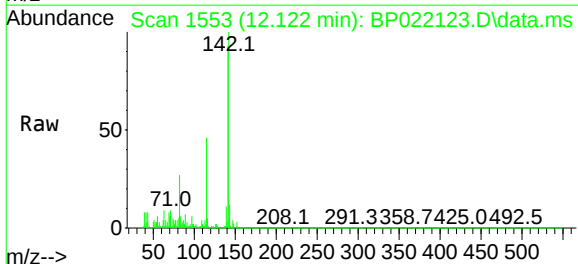
#36
2-Methylnaphthalene
Concen: 47.710 ng/u1
RT: 12.122 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BP022123.D
Acq: 30 Sep 2024 22:07

Instrument :
BNA_P
ClientSampleId :
DDC95

Tgt Ion:142 Resp: 833324
Ion Ratio Lower Upper
142 100
141 92.9 72.6 109.0

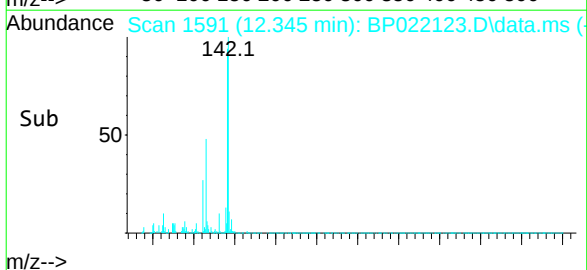
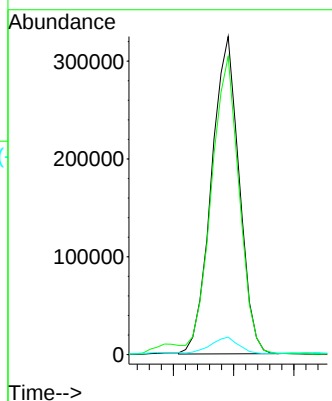
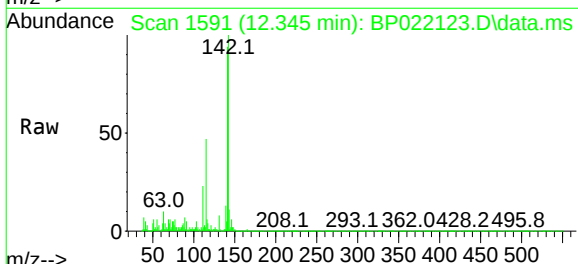
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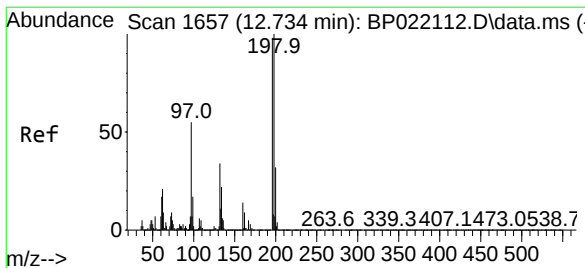
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#37
1-Methylnaphthalene
Concen: 29.450 ng/u1
RT: 12.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP022123.D
Acq: 30 Sep 2024 22:07

Tgt Ion:142 Resp: 518779
Ion Ratio Lower Upper
142 100
141 93.7 74.6 111.8
116 5.5 3.9 5.9





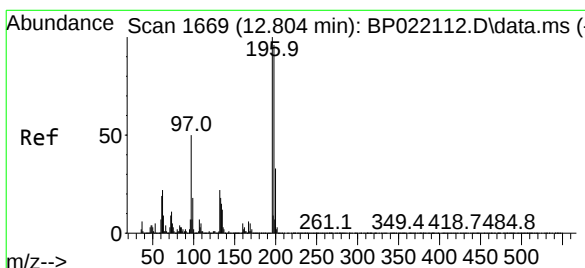
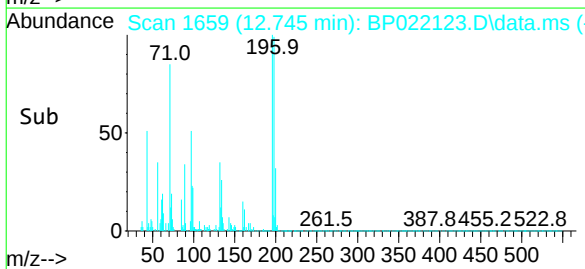
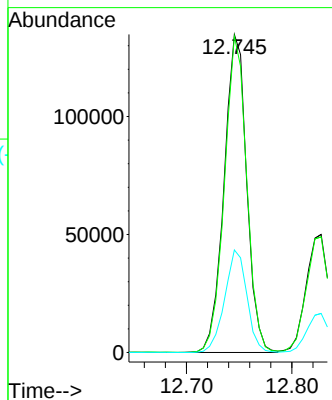
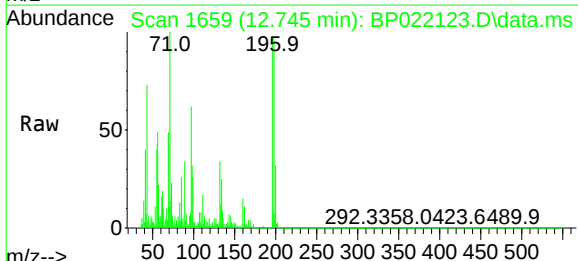
#41
2,4,6-Trichlorophenol
Concen: 26.018 ng/u1
RT: 12.745 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BP022123.D
Acq: 30 Sep 2024 22:07

Instrument :
BNA_P
ClientSampleId :
DDC95

Tgt	Ion	Ratio	Lower	Upper
196	100			
198	99.4	77.6	116.4	
200	32.2	24.2	36.4	

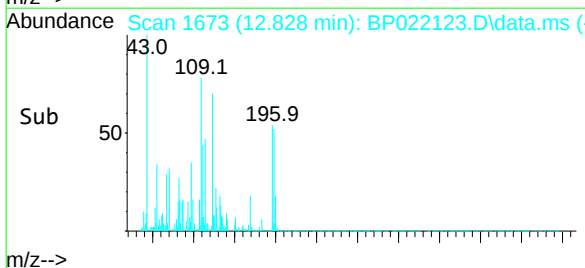
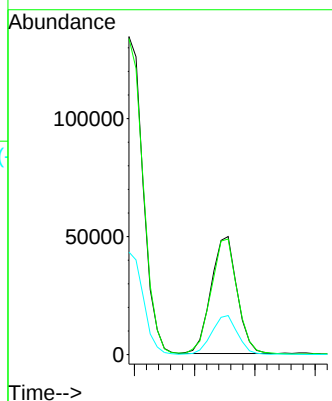
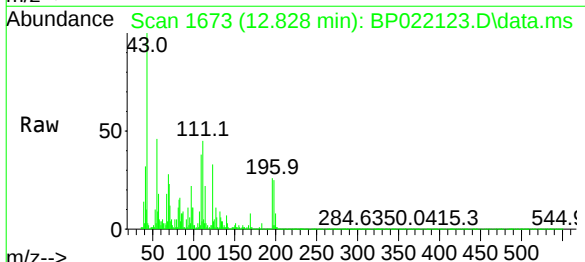
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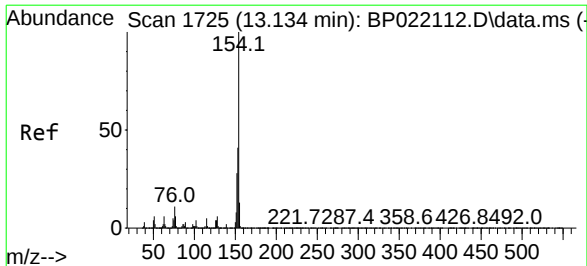
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#42
2,4,5-Trichlorophenol
Concen: 8.900 ng/u1
RT: 12.828 min Scan# 1673
Delta R.T. 0.012 min
Lab File: BP022123.D
Acq: 30 Sep 2024 22:07

Tgt	Ion	Ratio	Lower	Upper
196	100			
198	97.9	78.2	117.2	
200	33.1	26.1	39.1	





#43

1,1'-Biphenyl

Concen: 3.362 ng/u1

RT: 13.140 min Scan# 1725

Delta R.T. -0.012 min

Lab File: BP022123.D

Acq: 30 Sep 2024 22:07

Instrument :

BNA_P

ClientSampleId :

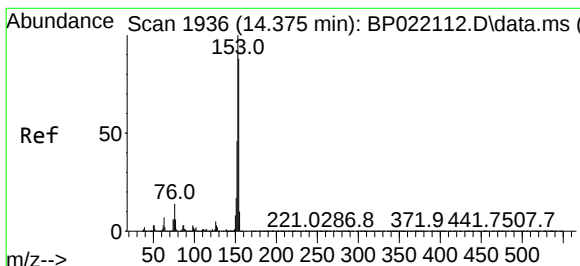
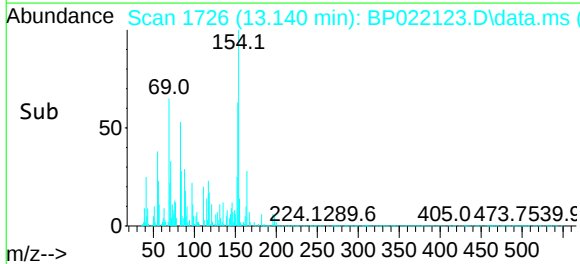
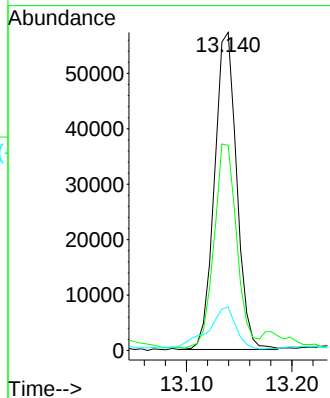
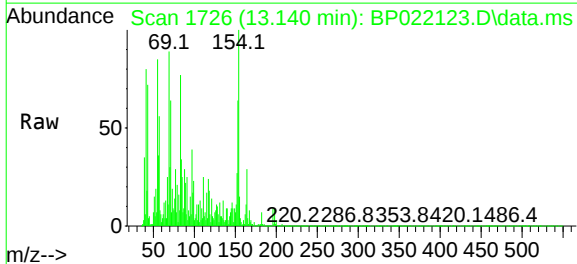
DDC95

Tgt	Ion:154	Resp:	83709
Ion	Ratio	Lower	Upper
154	100		
153	64.5	32.6	49.0
76	13.7	10.1	15.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#52

Acenaphthene

Concen: 1.197 ng/u1

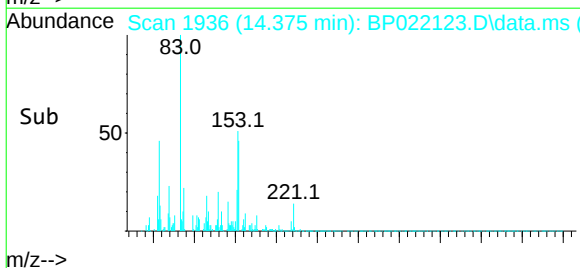
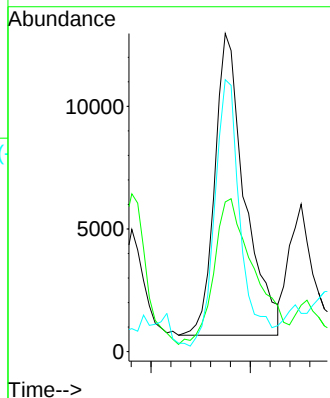
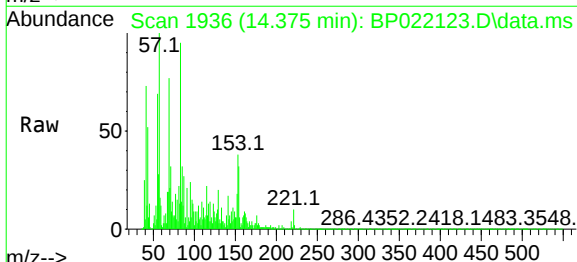
RT: 14.375 min Scan# 1936

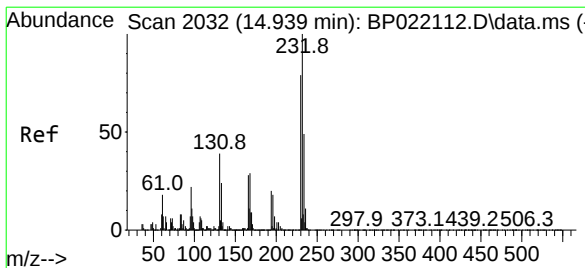
Delta R.T. -0.012 min

Lab File: BP022123.D

Acq: 30 Sep 2024 22:07

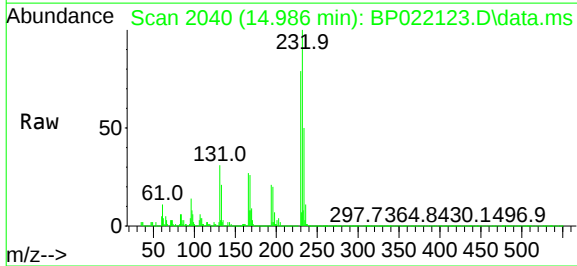
Tgt	Ion:153	Resp:	25853
Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.1	55.7
154	85.5	67.4	101.0





#58
2,3,4,6-Tetrachlorophenol
Concen: 1914.803 ng/u1
RT: 14.986 min Scan# 2032
Delta R.T. 0.024 min
Lab File: BP022123.D
Acq: 30 Sep 2024 22:07

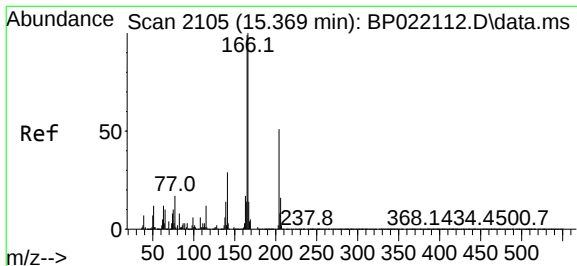
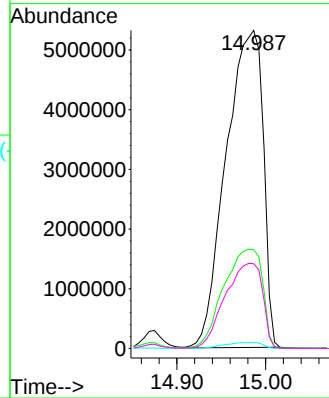
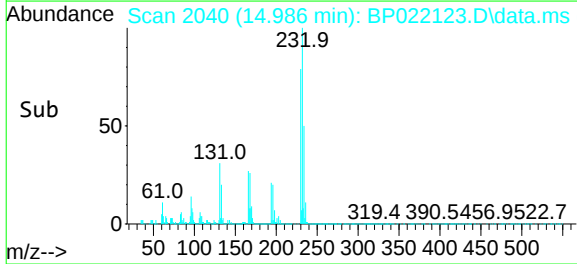
Instrument :
BNA_P
ClientSampleId :
DDC95



Tgt Ion: 232 Resp: 15403354
Ion Ratio Lower Upper
232 100
131 31.1 28.2 42.2
130 1.8 1.8 2.6
166 26.7 21.8 32.6

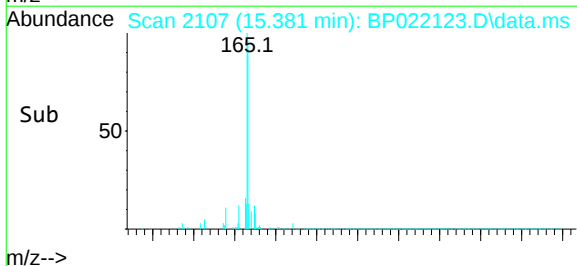
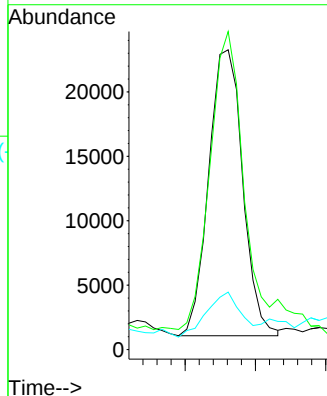
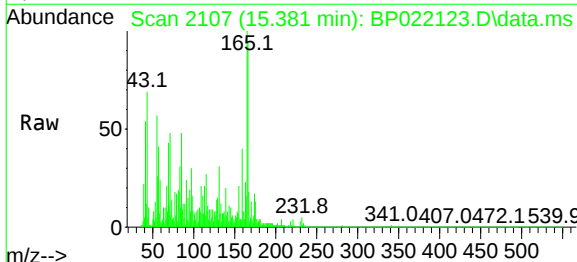
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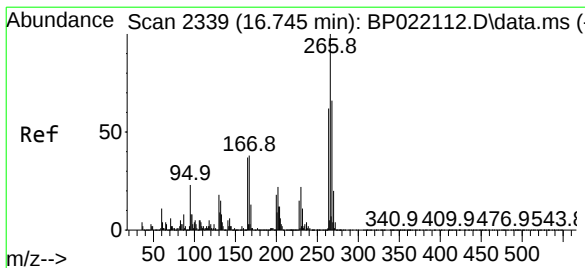
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#61
Fluorene
Concen: 1.401 ng/u1
RT: 15.381 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BP022123.D
Acq: 30 Sep 2024 22:07

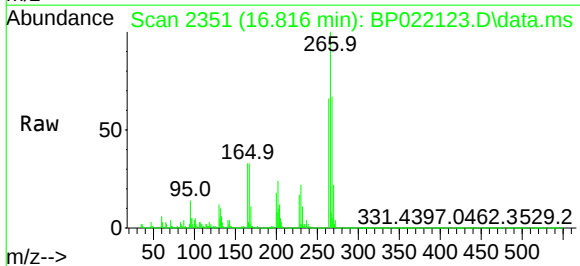
Tgt Ion: 166 Resp: 37412
Ion Ratio Lower Upper
166 100
165 106.1 77.9 116.9
167 19.2 10.5 15.7#





#71
Pentachlorophenol
Concen: 2944.123 ng/u1 m
RT: 16.816 min Scan# 2339
Delta R.T. 0.059 min
Lab File: BP022123.D
Acq: 30 Sep 2024 22:07

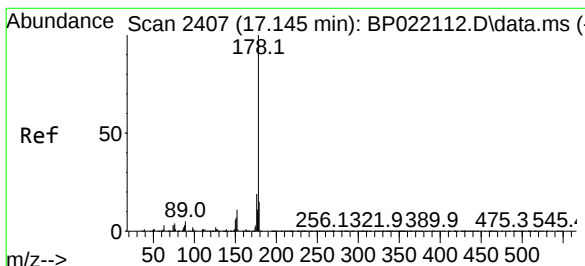
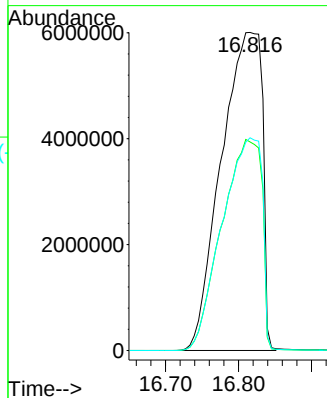
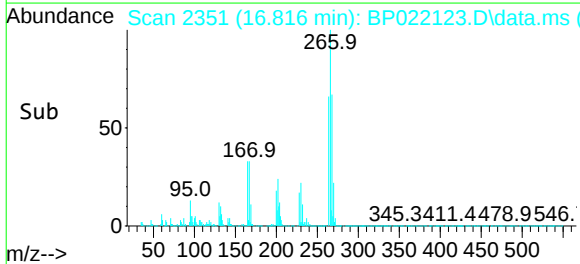
Instrument :
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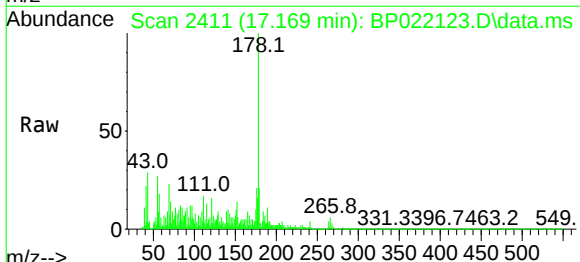
Tgt Ion: 266 Resp: 23375823
Ion Ratio Lower Upper
266 100
264 65.6 50.2 75.4
268 66.9 51.4 77.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#72
Phenanthrene
Concen: 1.903 ng/u1
RT: 17.169 min Scan# 2411
Delta R.T. 0.012 min
Lab File: BP022123.D
Acq: 30 Sep 2024 22:07



Tgt Ion: 178 Resp: 81425
Ion Ratio Lower Upper
178 100
179 20.9 12.4 18.6#
176 21.1 15.0 22.6

