

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
 Data File : BP022078.D
 Acq On : 27 Sep 2024 14:24
 Operator : RC/JU
 Sample : P3910-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC75

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 28 02:54:05 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	7.664	152	131059m	20.000	ng/u1	-0.05
20) Naphthalene-d8	10.440	136	519005m	20.000	ng/u1	-0.03
38) Acenaphthene-d10	14.310	164	423731	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.145	188	942970	20.000	ng/u1	0.03
79) Chrysene-d12	21.551	240	985815	20.000	ng/u1	0.01
88) Perylene-d12	24.845	264	1217615	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	11044	3.301	ng/uL	-0.03
4) Pyridine-d5	3.599	84	162253	16.965	ng/u1	-0.04
7) Phenol-d5	6.875	99	230283m	21.480	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.999	67	180959m	27.412	ng/u1	-0.05
11) 2-Chlorophenol-d4	7.222	132	143712m	18.528	ng/u1	-0.02
15) 4-Methylphenol-d8	8.387	113	153395m	18.057	ng/u1	-0.02
21) Nitrobenzene-d5	8.810	128	86040m	22.149	ng/u1	-0.04
24) 2-Nitrophenol-d4	9.522	143	83234m	18.897	ng/u1	-0.04
28) 2,4-Dichlorophenol-d3	10.087	165	182734	19.104	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	248649m	21.787	ng/u1	-0.05
46) Dimethylphthalate-d6	13.716	166	597636	18.246	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	655072	18.889	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	102949	18.375	ng/u1	0.01
60) Fluorene-d10	15.328	176	532587	18.382	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	160046m	27.338	ng/u1	0.02
73) Anthracene-d10	17.251	188	875810	19.895	ng/u1	0.04
81) Pyrene-d10	19.604	212	1077641	21.100	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.610	264	1201827	18.766	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.487	128	1151395	42.162	ng/u1	94
36) 2-Methylnaphthalene	12.116	142	2584153	127.333	ng/u1	99
37) 1-Methylnaphthalene	12.322	142	1484238	72.516	ng/u1	100
41) 2,4,6-Trichlorophenol	12.734	196	242162	25.785	ng/u1	100
42) 2,4,5-Trichlorophenol	12.816	196	31337	3.081	ng/u1	95
43) 1,1'-Biphenyl	13.128	154	228983	7.557	ng/u1#	69
52) Acenaphthene	14.375	153	157962	6.011	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	14.981	232	8039338	821.214	ng/u1	97
61) Fluorene	15.387	166	289822	8.921	ng/u1#	92
71) Pentachlorophenol	16.822	266	43549503m	4747.118	ng/u1	
72) Phenanthrene	17.192	178	1567373	31.702	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.475	149	57293	1.783	ng/u1#	86

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

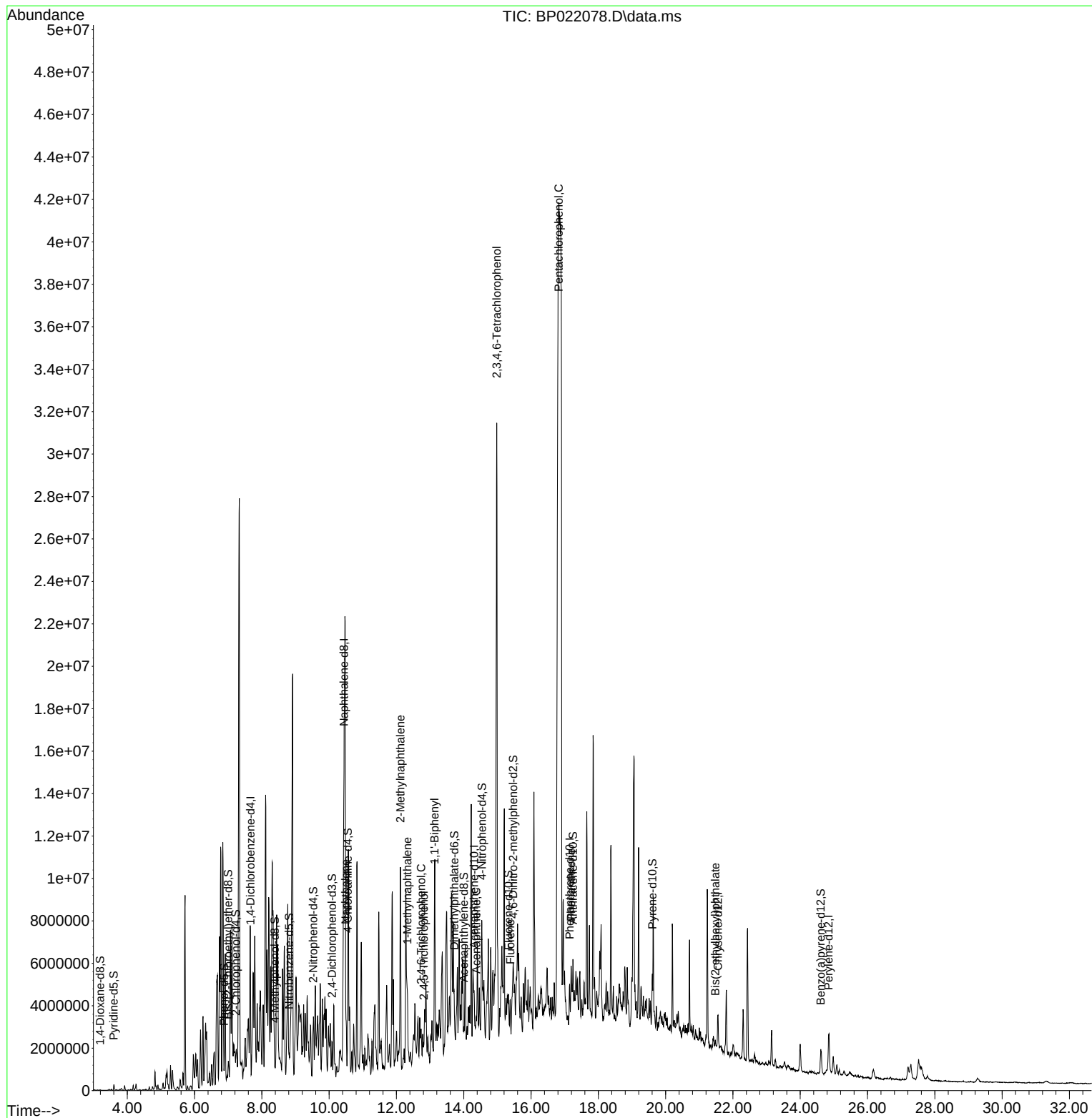
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022078.D
Acq On : 27 Sep 2024 14:24
Operator : RC/JU
Sample : P3910-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

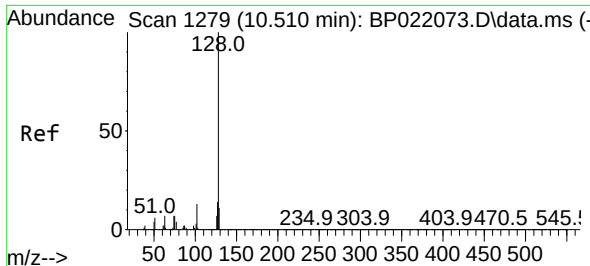
Instrument :
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ClientSampleId :
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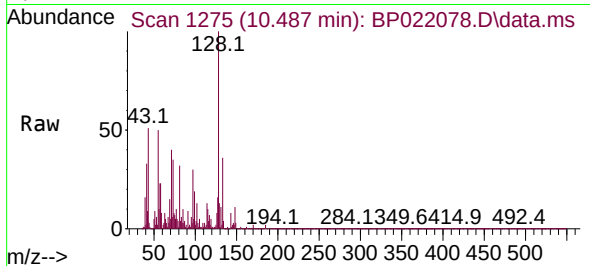
Quant Time: Sep 28 02:54:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 42.162 ng/ul
RT: 10.487 min Scan# 1275
Delta R.T. -0.035 min
Lab File: BP022078.D
Acq: 27 Sep 2024 14:24

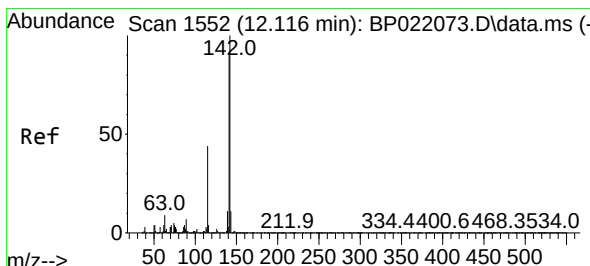
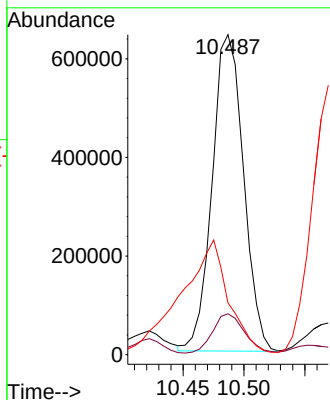
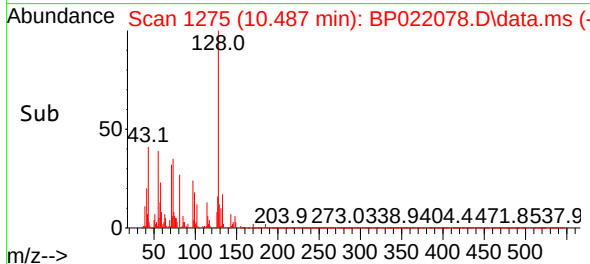
Instrument :
BNA_P
ClientSampleId :
DDC75



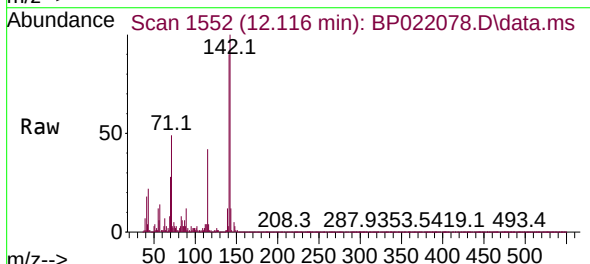
Tgt Ion:128 Resp: 115139
Ion Ratio Lower Upper
128 100
129 12.8 8.9 13.3
127 16.2 10.9 16.3

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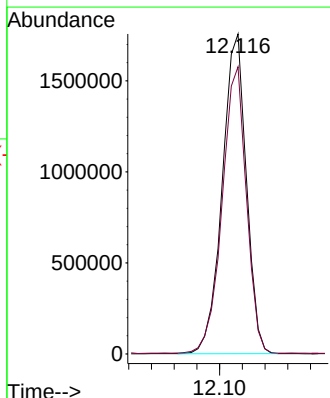
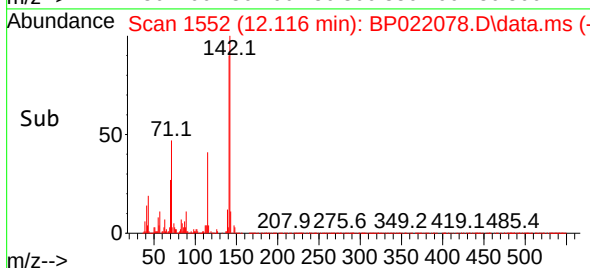
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

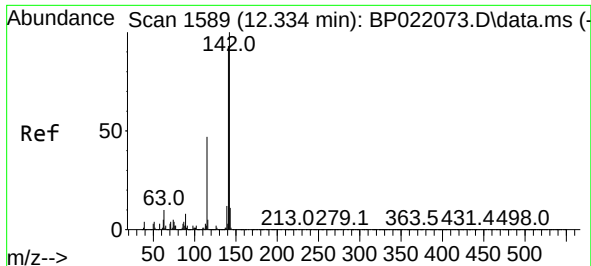


#36
2-Methylnaphthalene
Concen: 127.333 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. -0.012 min
Lab File: BP022078.D
Acq: 27 Sep 2024 14:24



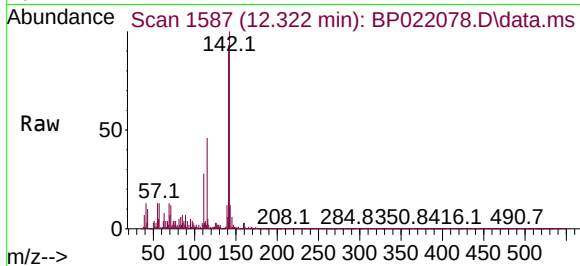
Tgt Ion:142 Resp: 2584153
Ion Ratio Lower Upper
142 100
141 89.8 72.6 109.0





#37
1-Methylnaphthalene
Concen: 72.516 ng/ul
RT: 12.322 min Scan# 1589
Delta R.T. -0.023 min
Lab File: BP022078.D
Acq: 27 Sep 2024 14:24

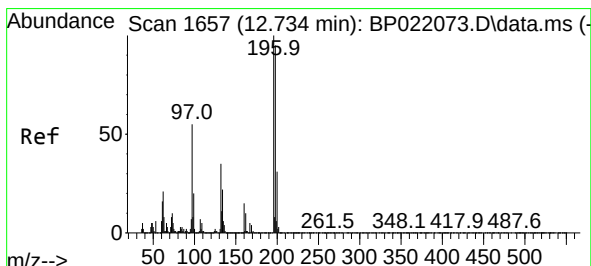
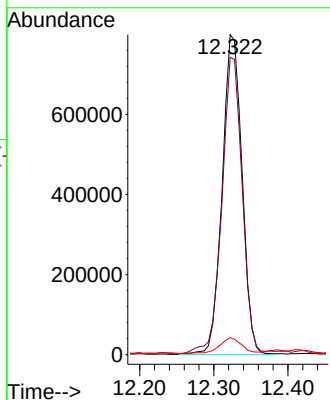
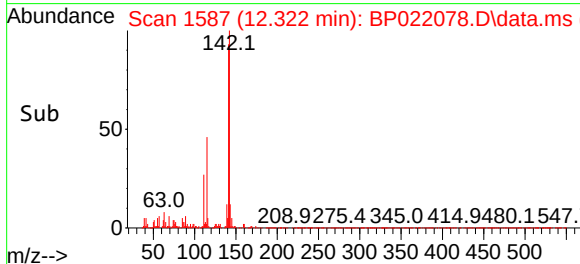
Instrument :
BNA_P
ClientSampleId :
DDC75



Tgt Ion:142 Resp: 1484238
Ion Ratio Lower Upper
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141 93.0 74.6 111.8
116 5.3 3.9 5.9

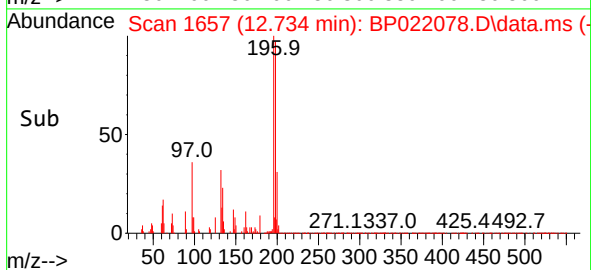
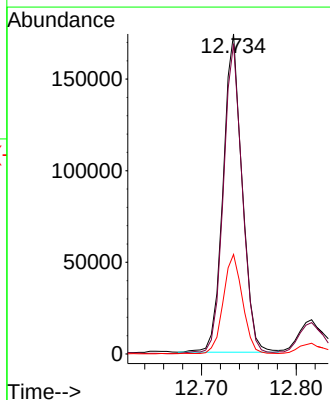
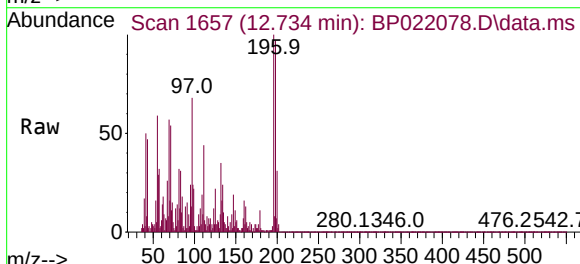
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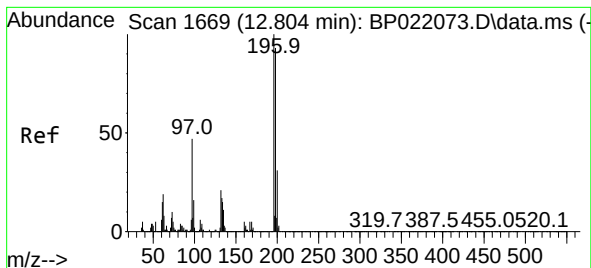
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#41
2,4,6-Trichlorophenol
Concen: 25.785 ng/ul
RT: 12.734 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP022078.D
Acq: 27 Sep 2024 14:24

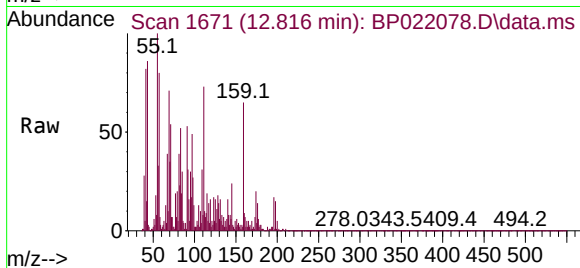
Tgt Ion:196 Resp: 242162
Ion Ratio Lower Upper
196 100
198 97.0 77.6 116.4
200 31.1 24.2 36.4





#42
2,4,5-Trichlorophenol
Concen: 3.081 ng/ul
RT: 12.816 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP022078.D
Acq: 27 Sep 2024 14:24

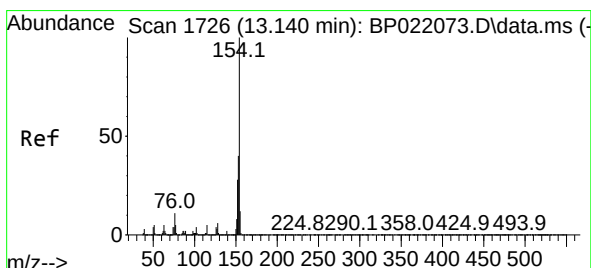
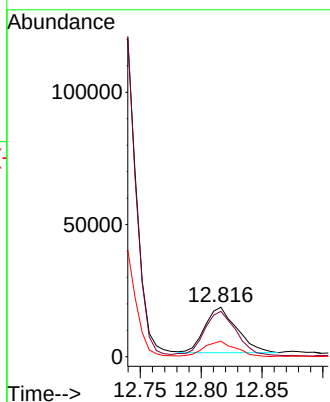
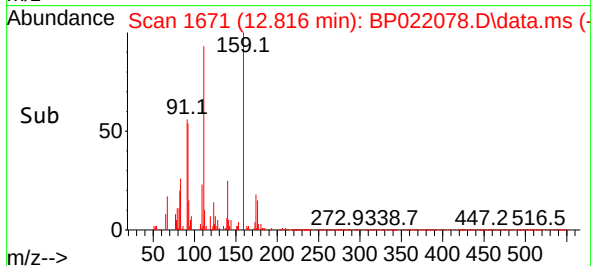
Instrument :
BNA_P
ClientSampleId :
DDC75



Tgt Ion:196 Resp: 3133
Ion Ratio Lower Upper
196 100
198 91.6 78.2 117.2
200 31.3 26.1 39.1

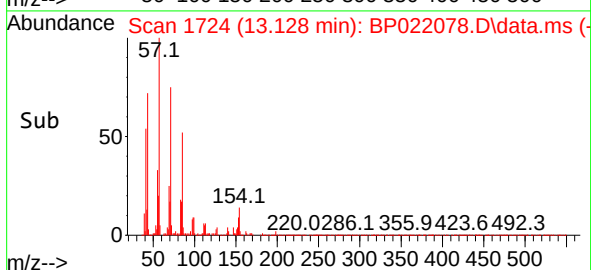
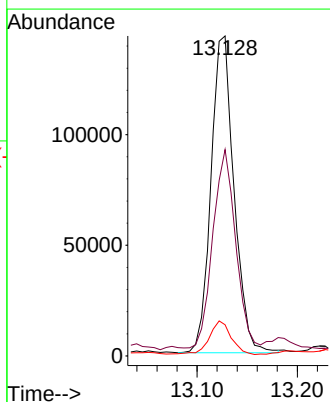
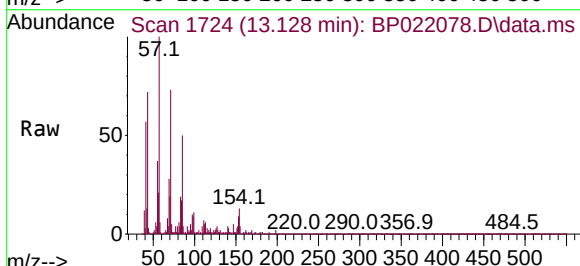
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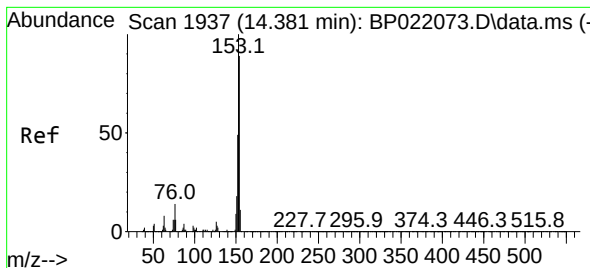
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#43
1,1'-Biphenyl
Concen: 7.557 ng/ul
RT: 13.128 min Scan# 1724
Delta R.T. -0.023 min
Lab File: BP022078.D
Acq: 27 Sep 2024 14:24

Tgt Ion:154 Resp: 228983
Ion Ratio Lower Upper
154 100
153 64.5 32.6 49.0#
76 9.8 10.1 15.1#





#52

Acenaphthene

Concen: 6.011 ng/ul

RT: 14.375 min Scan# 1937

Delta R.T. -0.012 min

Lab File: BP022078.D

Acq: 27 Sep 2024 14:24

Instrument :

BNA_P

ClientSampleId :

DDC75

Tgt Ion:153 Resp: 157962

Ion Ratio Lower Upper

153 100

152 55.4 37.1 55.7

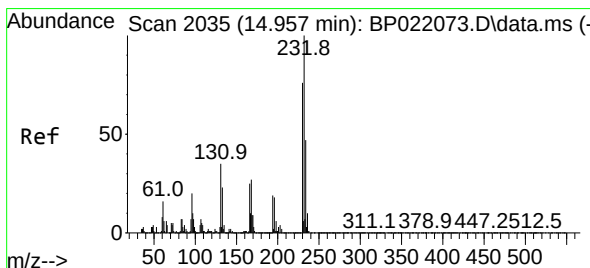
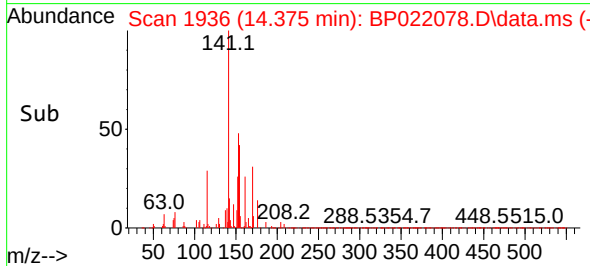
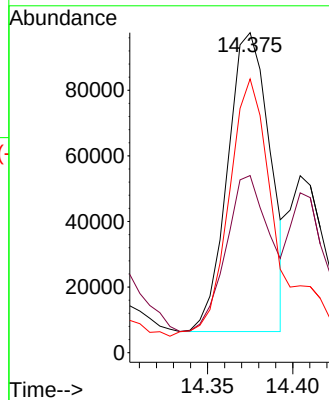
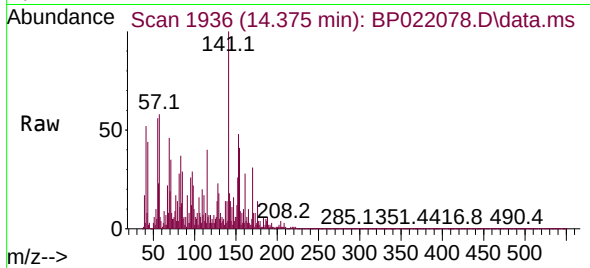
154 85.5 67.4 101.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 821.214 ng/ul

RT: 14.981 min Scan# 2039

Delta R.T. 0.018 min

Lab File: BP022078.D

Acq: 27 Sep 2024 14:24

Tgt Ion:232 Resp: 8039338

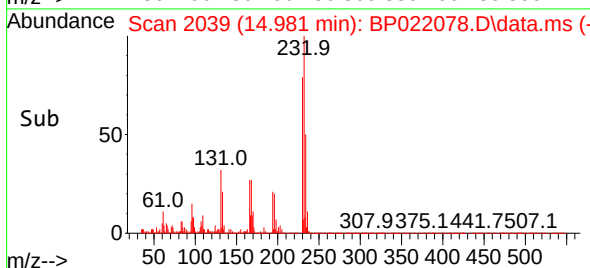
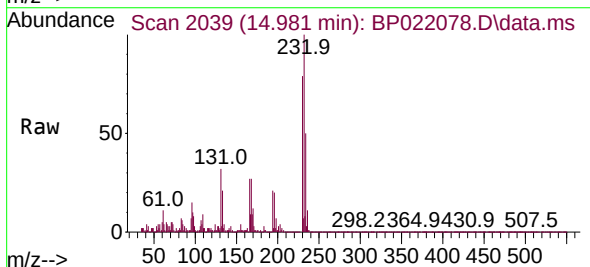
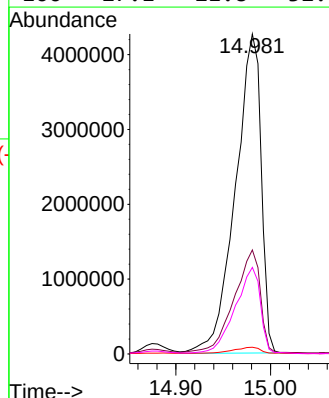
Ion Ratio Lower Upper

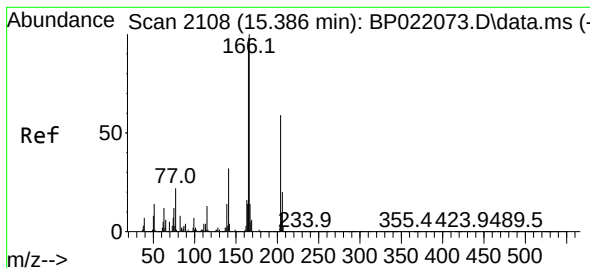
232 100

131 32.5 28.2 42.2

130 2.1 1.8 2.6

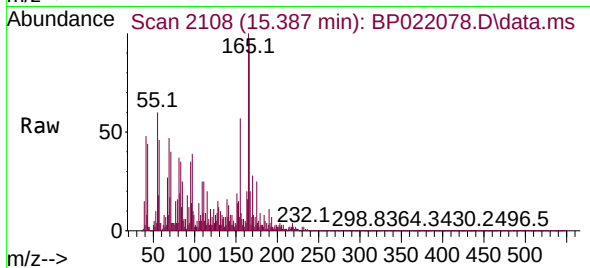
166 27.1 21.8 32.6





#61
Fluorene
Concen: 8.921 ng/ul
RT: 15.387 min Scan# 2108
Delta R.T. 0.006 min
Lab File: BP022078.D
Acq: 27 Sep 2024 14:24

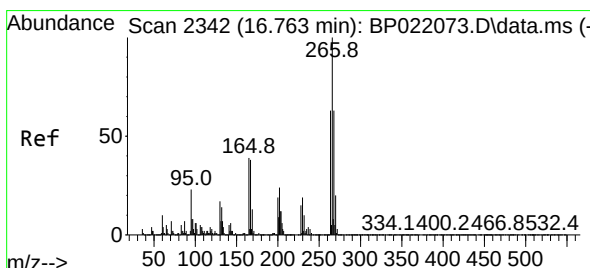
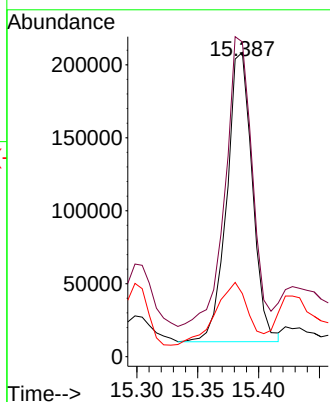
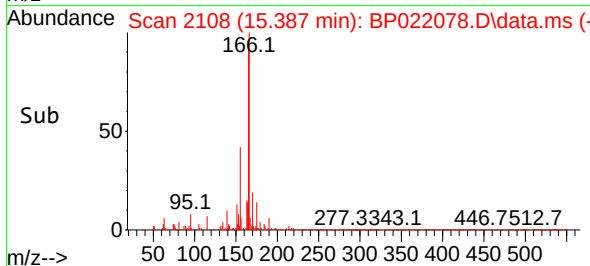
Instrument :
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ClientSampleId :
DDC75



Tgt Ion:166 Resp: 28982
Ion Ratio Lower Upper
166 100
165 103.4 77.9 116.9
167 20.7 10.5 15.7

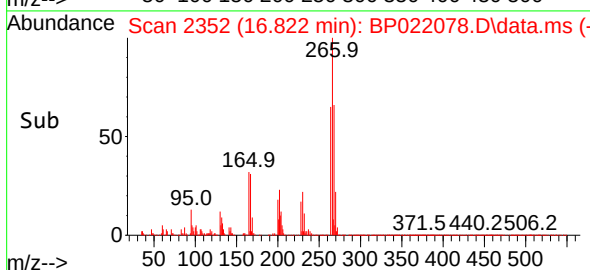
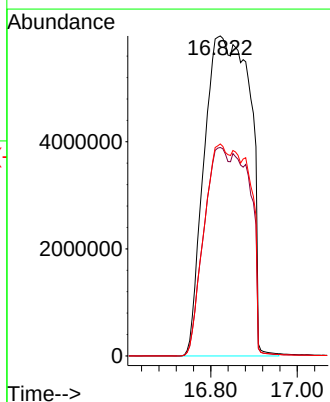
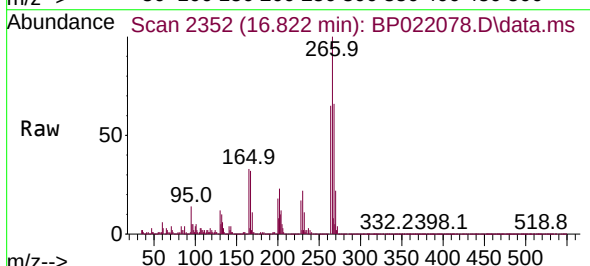
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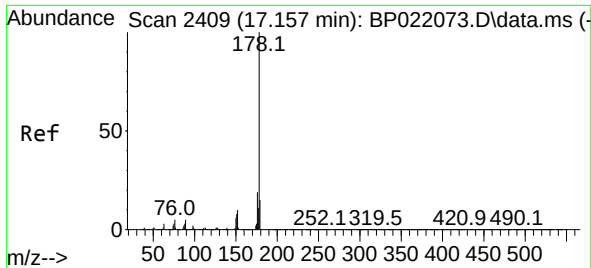
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#71
Pentachlorophenol
Concen: 4747.118 ng/ul m
RT: 16.822 min Scan# 2352
Delta R.T. 0.065 min
Lab File: BP022078.D
Acq: 27 Sep 2024 14:24

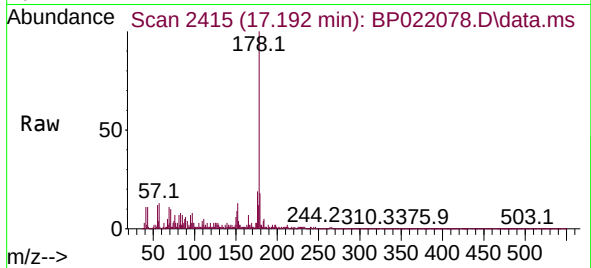
Tgt Ion:266 Resp:43549503
Ion Ratio Lower Upper
266 100
264 65.1 50.2 75.4
268 66.2 51.4 77.0





#72
Phenanthrene
Concen: 31.702 ng/ul
RT: 17.192 min Scan# 2409
Delta R.T. 0.035 min
Lab File: BP022078.D
Acq: 27 Sep 2024 14:24

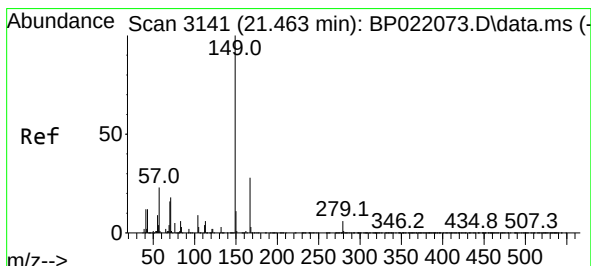
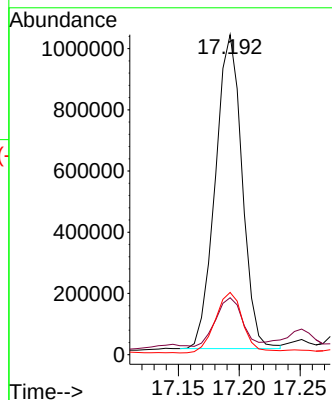
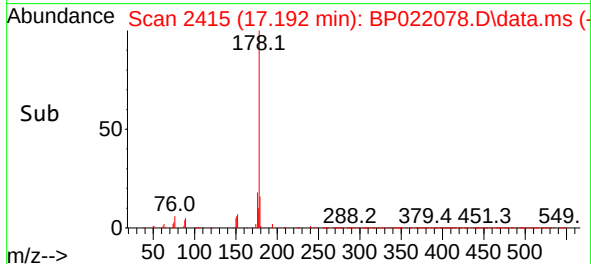
Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 156737
Ion Ratio Lower Upper
178 100
179 17.8 12.4 18.6
176 19.5 15.0 22.6

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#86
Bis(2-ethylhexyl)phthalate
Concen: 1.783 ng/ul
RT: 21.475 min Scan# 3143
Delta R.T. 0.012 min
Lab File: BP022078.D
Acq: 27 Sep 2024 14:24

Tgt Ion:149 Resp: 57293
Ion Ratio Lower Upper
149 100
167 36.6 23.0 34.4#
279 9.1 4.5 6.7#

