

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021261.D
 Acq On : 31 Jul 2024 14:46
 Operator : CG/JU
 Sample : P3265-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4DL0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024

Quant Time: Jul 31 15:40:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	157396	20.000	ng/u1	0.00
20) Naphthalene-d8	10.392	136	638568	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	437793	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	994278	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	968269	20.000	ng/u1	# 0.01
88) Perylene-d12	24.850	264	979053	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	12344	3.569	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.851	99	302643	23.585	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	166974	21.471	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	257720	24.376	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	231154	21.689	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	124634	25.129	ng/u1	0.00
24) 2-Nitrophenol-d4	9.492	143	148104	26.089	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.039	165	359414	35.014	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.557	131	271409	19.958	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	907248	28.507	ng/u1	-0.01
49) Acenaphthylene-d8	13.951	160	1023630	28.645	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.563	143	127016	28.051	ng/u1	-0.02
60) Fluorene-d10	15.280	176	802721	30.745	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	131456	21.851	ng/u1	0.00
73) Anthracene-d10	17.192	188	1292433	29.266	ng/u1	0.00
81) Pyrene-d10	19.580	212	1631630	27.256	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.627	264	1485254	30.759	ng/u1	0.03
Target Compounds						
					Qvalue	
8) Phenol	6.875	94	296342	22.822	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.075	93	1255953	117.088	ng/u1	96
12) 2-Chlorophenol	7.216	128	1028636	97.074	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.428	70	1034915	120.078	ng/u1	92
23) Isophorone	9.351	82	3029480	128.259	ng/u1	98
25) 2-Nitrophenol	9.522	139	433814	73.272	ng/u1	95
29) 2,4-Dichlorophenol	10.069	162	1922914	190.078	ng/u1	98
30) Naphthalene	10.445	128	4494796	133.817	ng/u1	99
35) 4-Chloro-3-methylphenol	11.722	107	301018	27.374	ng/u1	98
36) 2-Methylnaphthalene	12.057	142	3394975	147.244	ng/u1	98
41) 2,4,6-Trichlorophenol	12.692	196	299625	33.351	ng/u1	99
42) 2,4,5-Trichlorophenol	12.775	196	614015	64.597	ng/u1	99
48) 2,6-Dinitrotoluene	13.880	165	1812914	280.807	ng/u1	90
50) Acenaphthylene	13.986	152	3855294	95.286	ng/u1	100
52) Acenaphthene	14.333	153	3696403	137.646	ng/u1	99
55) 4-Nitrophenol	14.580	109	182954	49.671	ng/u1	90
56) Dibenzofuran	14.675	168	2880832	78.338	ng/u1	97
57) 2,4-Dinitrotoluene	14.680	165	617660	69.694	ng/u1#	98
59) Diethylphthalate	15.122	149	5183412	160.616	ng/u1	97
61) Fluorene	15.339	166	2983921	99.434	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.333	204	1649450	101.294	ng/u1	95
68) 4-Bromophenyl-phenylether	16.251	248	862269	73.989	ng/u1	94
71) Pentachlorophenol	16.739	266	1020291	140.584	ng/u1	98
72) Phenanthrene	17.133	178	2472563	47.937	ng/u1	100

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Manual Integrations
 APPROVED

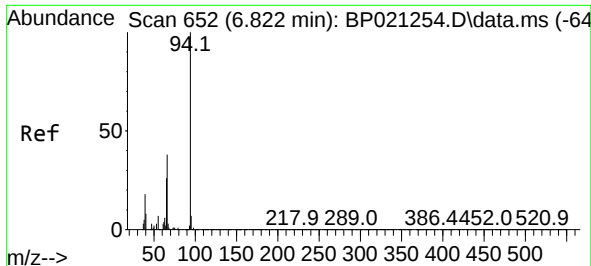
Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024

Quant Time: Jul 31 15:40:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

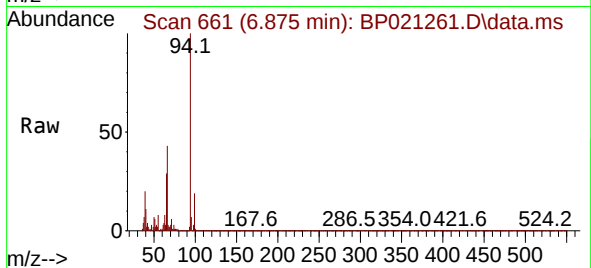
74) Anthracene	17.227	178	5852908	111.308	ng/ul	100
78) Di-n-butylphthalate	18.092	149	6410919	108.101	ng/ul	100
80) Fluoranthene	19.233	202	5548098	76.745	ng/ul	96
83) Butylbenzylphthalate	20.551	149	592681	19.337	ng/ul	98
85) Benzo(a)anthracene	21.527	228	4163334	61.381	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	10034136	227.487	ng/ul#	94
89) Di-n-octyl phthalate	22.686	149	9123619	141.065	ng/ul	100
90) Benzo(b)fluoranthene	23.809	252	2996643	50.437	ng/ul	98
91) Benzo(k)fluoranthene	23.868	252	2316972	39.076	ng/ul#	98
93) Benzo(a)pyrene	24.698	252	2025940	36.084	ng/ul	98
95) Dibenzo(a,h)anthracene	28.674	278	1585242	26.460	ng/ul	98
96) Benzo(g,h,i)perylene	29.803	276	3921478m	66.555	ng/ul	

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



#8
Phenol
Concen: 22.822 ng/ul
RT: 6.875 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP021261.D
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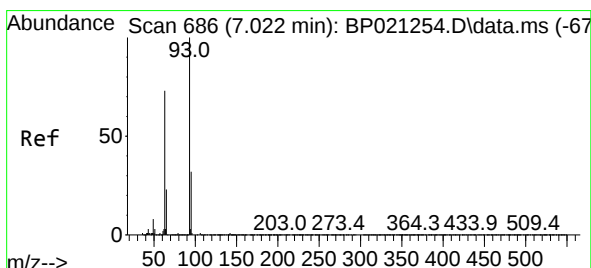
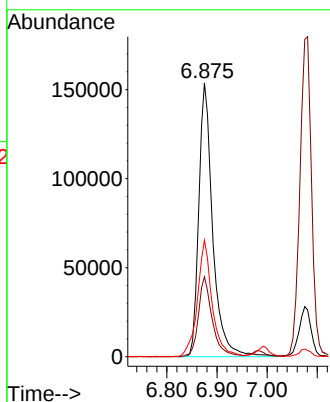
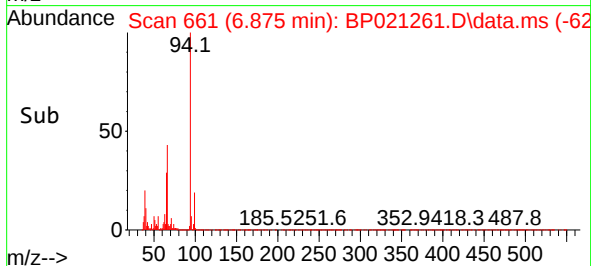
Instrument :
BNA_P
ClientSampleId :
A4DL0



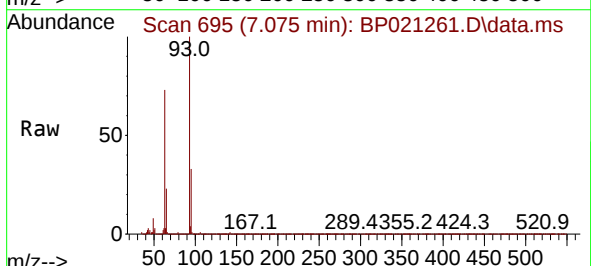
Tgt Ion: 94 Resp: 29634
Ion Ratio Lower Upper
94 100
65 29.2 23.4 35.0
66 42.6 33.9 50.9

Manual Integrations
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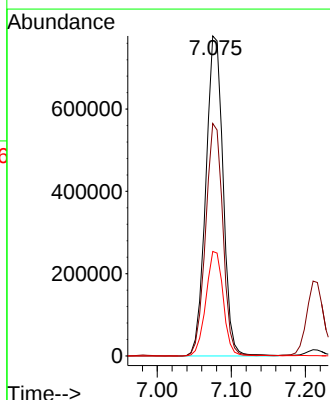
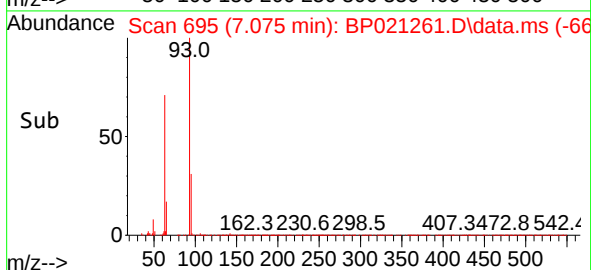
Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024

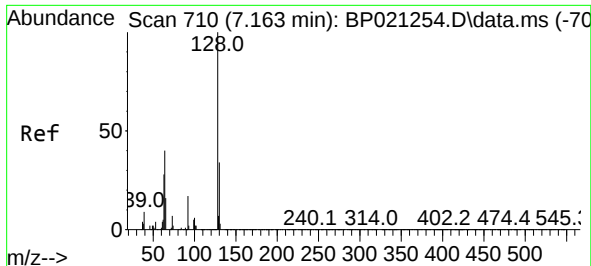


#10
Bis(2-Chloroethyl)ether
Concen: 117.088 ng/ul
RT: 7.075 min Scan# 695
Delta R.T. 0.000 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46



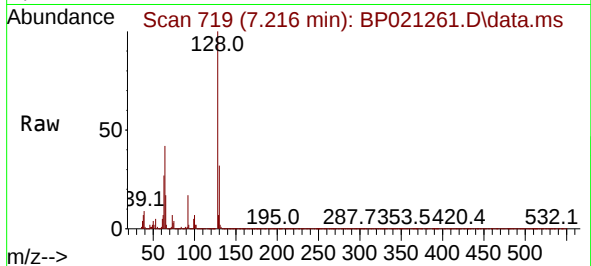
Tgt Ion: 93 Resp: 1255953
Ion Ratio Lower Upper
93 100
63 72.7 61.5 92.3
95 32.7 25.1 37.7





#12
2-Chlorophenol
Concen: 97.074 ng/ul
RT: 7.216 min Scan# 710
Delta R.T. 0.006 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

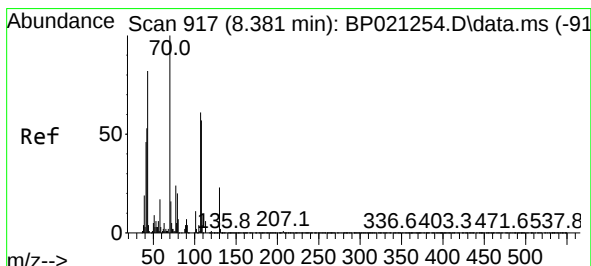
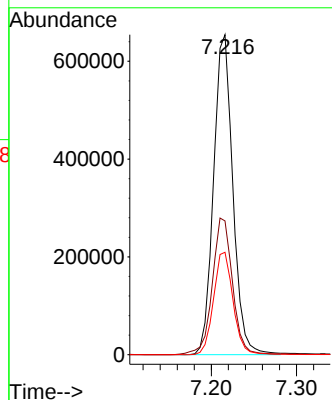
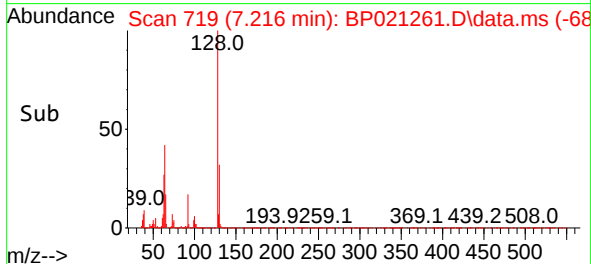
Instrument :
BNA_P
ClientSampleId :
A4DL0



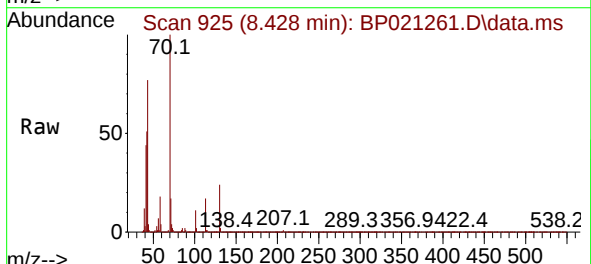
Tgt Ion:128 Resp: 1028630
Ion Ratio Lower Upper
128 100
64 41.8 37.9 56.9
130 32.0 25.6 38.4

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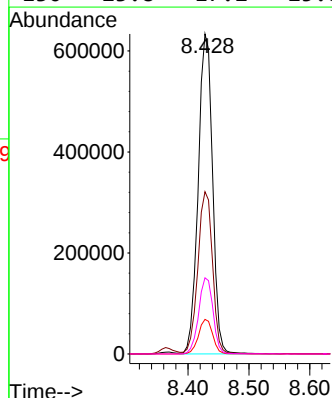
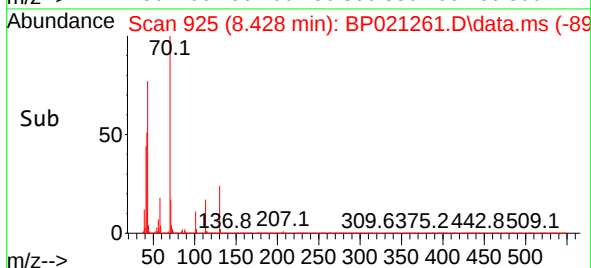
Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024

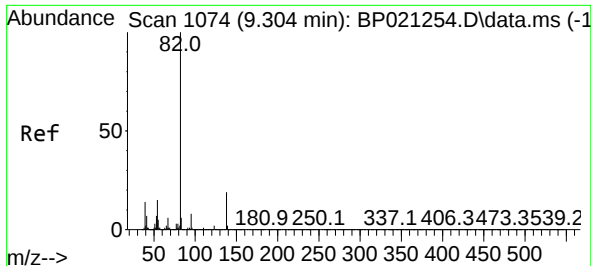


#17
N-Nitroso-di-n-propylamine
Concen: 120.078 ng/ul
RT: 8.428 min Scan# 925
Delta R.T. -0.006 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46



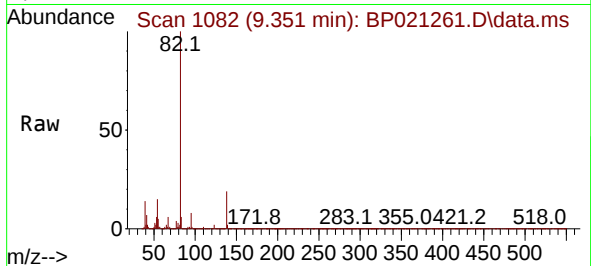
Tgt Ion: 70 Resp: 1034915
Ion Ratio Lower Upper
70 100
42 50.7 46.6 69.8
101 10.8 7.4 11.0
130 23.8 17.2 25.8





#23
Isophorone
Concen: 128.259 ng/u1
RT: 9.351 min Scan# 1082
Delta R.T. 0.006 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

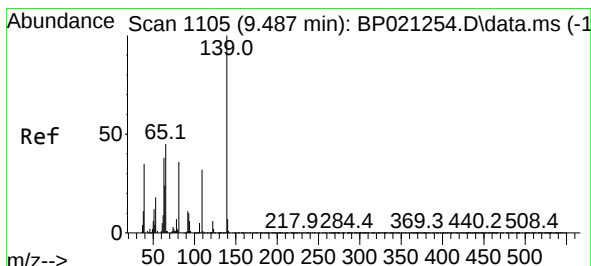
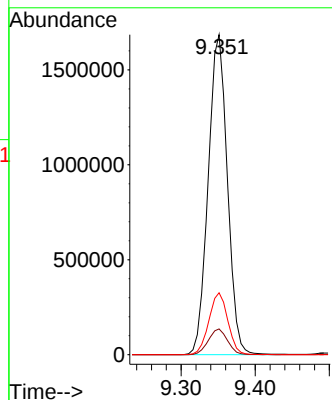
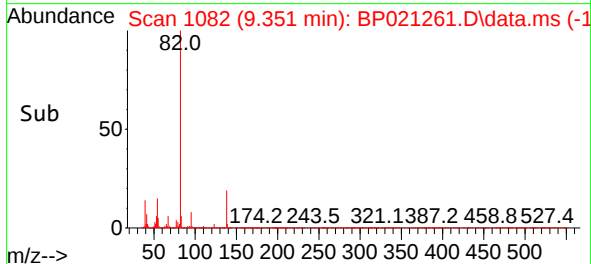
Instrument :
BNA_P
ClientSampleId :
A4DL0



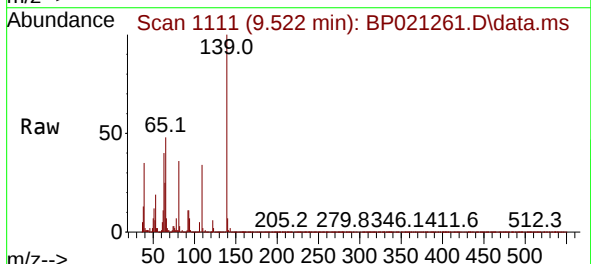
Tgt Ion: 82 Resp: 3029480
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 19.3 14.4 21.6

Manual Integrations
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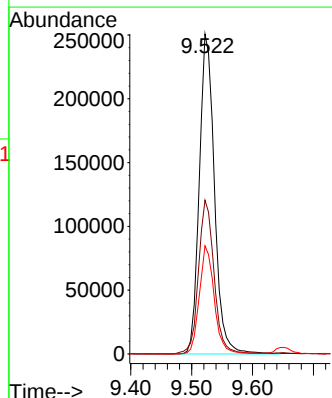
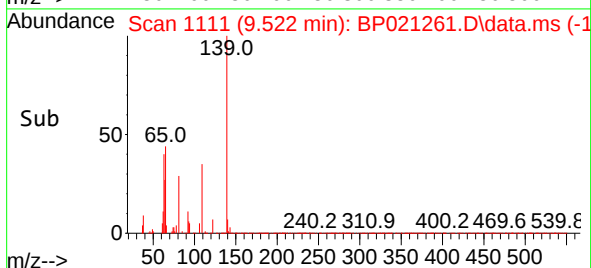
Reviewed By :Yogesh Patel 08/01/2024
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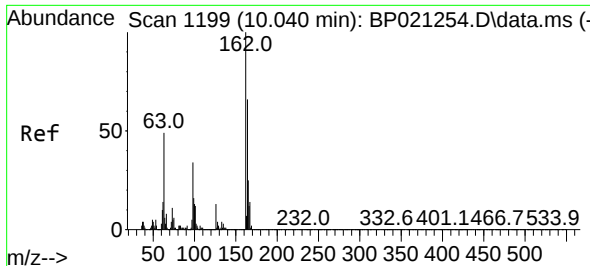


#25
2-Nitrophenol
Concen: 73.272 ng/u1
RT: 9.522 min Scan# 1111
Delta R.T. -0.018 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46



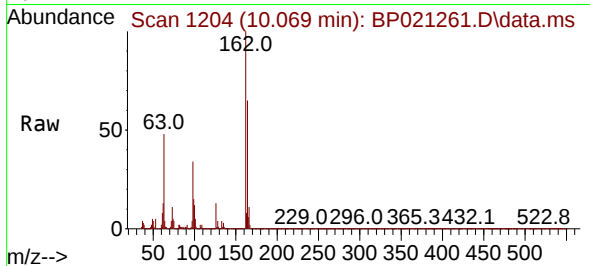
Tgt Ion:139 Resp: 433814
Ion Ratio Lower Upper
139 100
65 48.1 42.9 64.3
109 33.8 26.2 39.4





#29
2,4-Dichlorophenol
Concen: 190.078 ng/ul
RT: 10.069 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

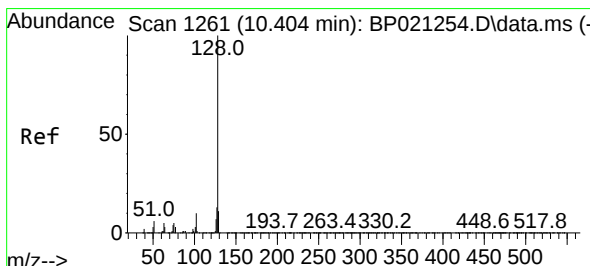
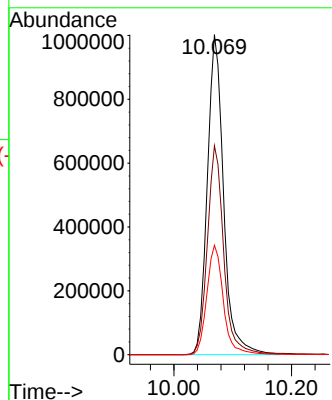
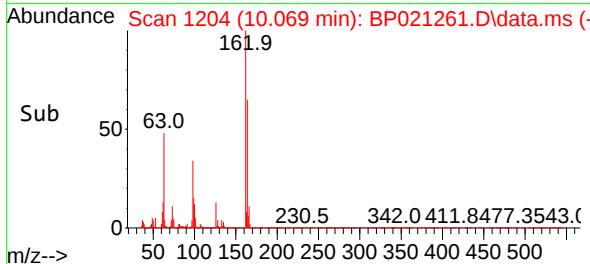
Instrument :
BNA_P
ClientSampleId :
A4DL0



Tgt Ion:162 Resp: 1922914
Ion Ratio Lower Upper
162 100
164 65.3 53.3 79.9
98 34.2 28.7 43.1

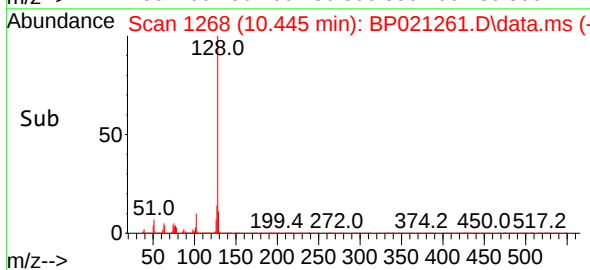
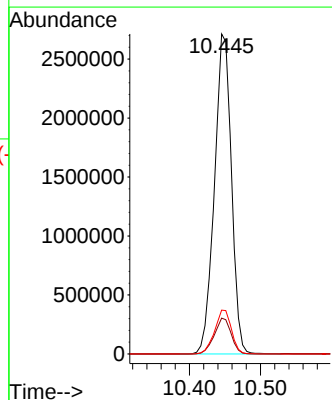
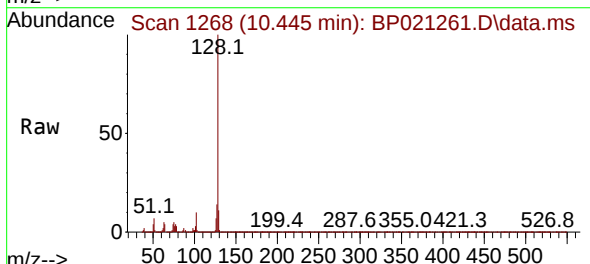
Manual Integrations
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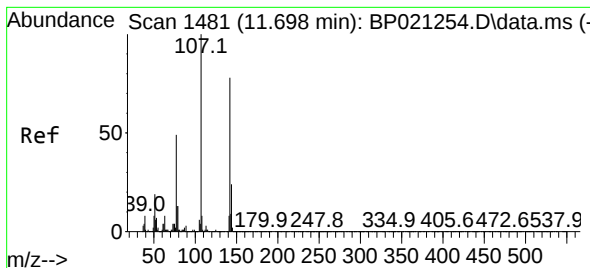
Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



#30
Naphthalene
Concen: 133.817 ng/ul
RT: 10.445 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

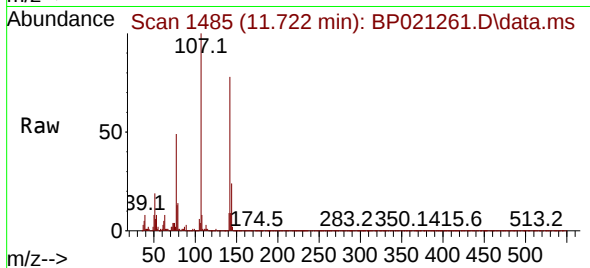
Tgt Ion:128 Resp: 4494796
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.7 10.8 16.2





#35
4-Chloro-3-methylphenol
Concen: 27.374 ng/ul
RT: 11.722 min Scan# 1485
Delta R.T. -0.018 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

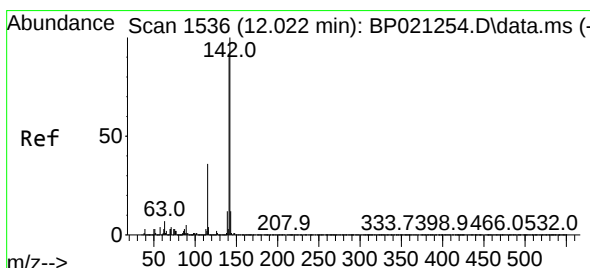
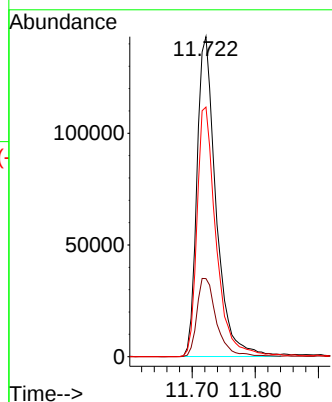
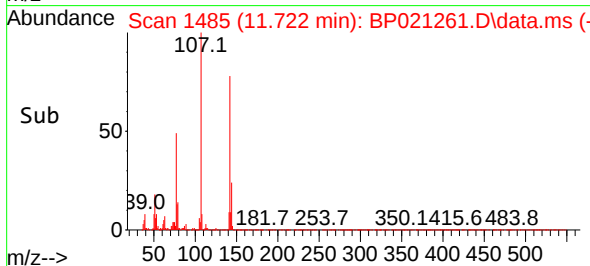
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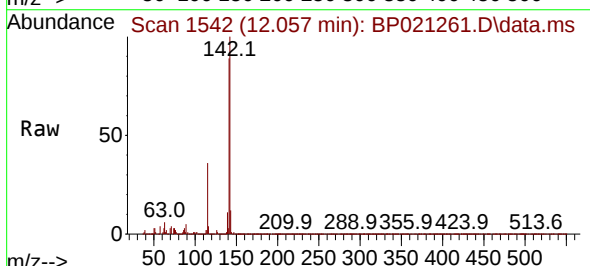
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Ion Ratio Lower Upper
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144 24.4 19.3 28.9
142 78.0 60.7 91.1

Manual Integrations
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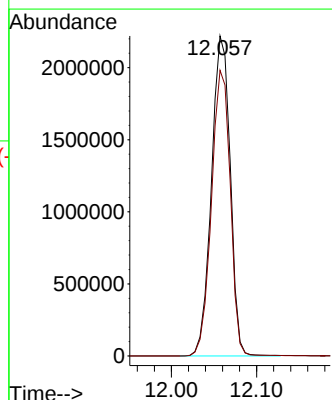
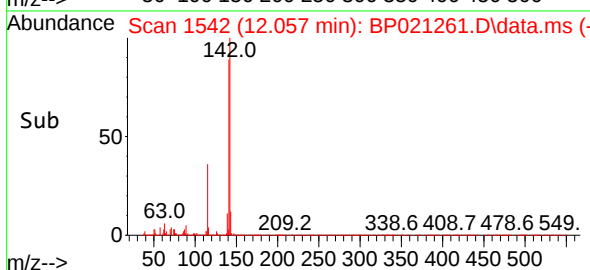
Reviewed By :Yogesh Patel 08/01/2024
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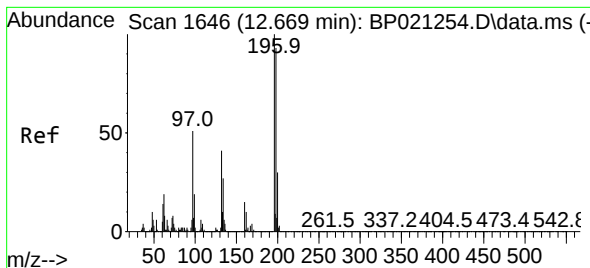


#36
2-Methylnaphthalene
Concen: 147.244 ng/ul
RT: 12.057 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46



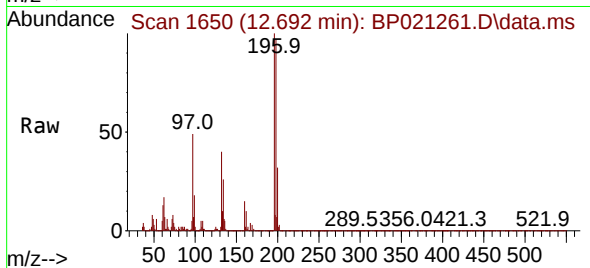
Tgt Ion:142 Resp: 3394975
Ion Ratio Lower Upper
142 100
141 89.2 72.6 108.8





#41
2,4,6-Trichlorophenol
Concen: 33.351 ng/ul
RT: 12.692 min Scan# 1650
Delta R.T. -0.012 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

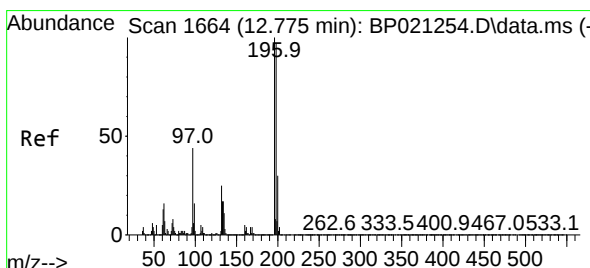
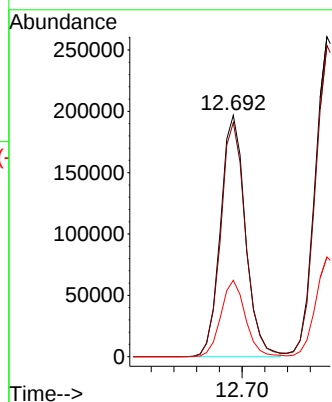
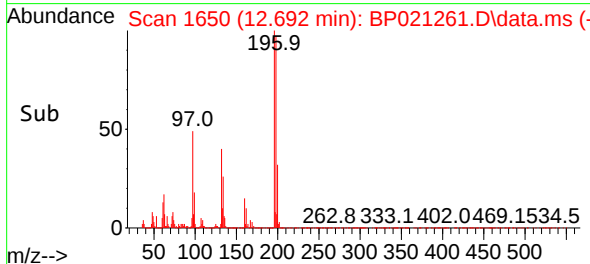
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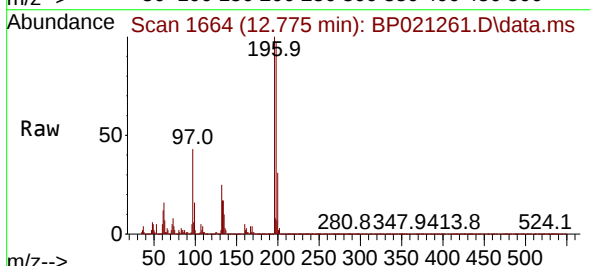
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Ion Ratio Lower Upper
196 100
198 96.9 76.6 115.0
200 31.6 26.0 39.0

Manual Integrations
APPROVED

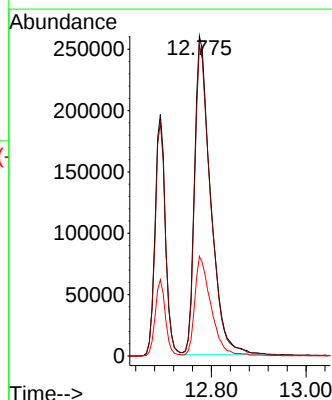
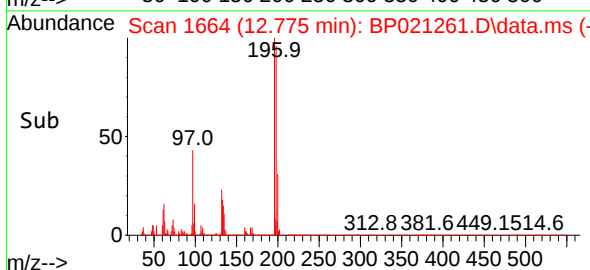
Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024

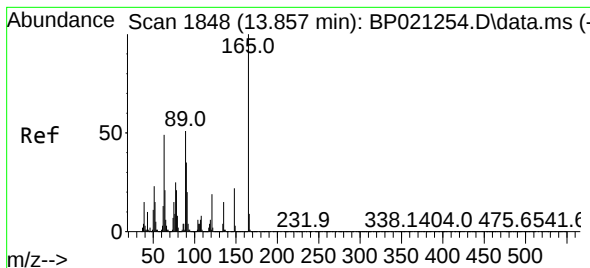


#42
2,4,5-Trichlorophenol
Concen: 64.597 ng/ul
RT: 12.775 min Scan# 1664
Delta R.T. -0.035 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46



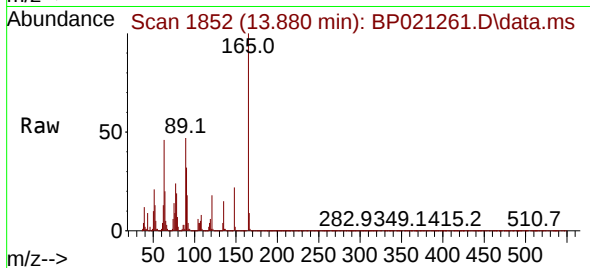
Tgt Ion:196 Resp: 614015
Ion Ratio Lower Upper
196 100
198 97.2 77.1 115.7
200 31.1 25.3 37.9





#48
2,6-Dinitrotoluene
Concen: 280.807 ng/ul
RT: 13.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

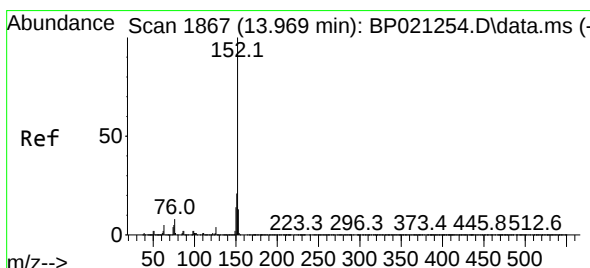
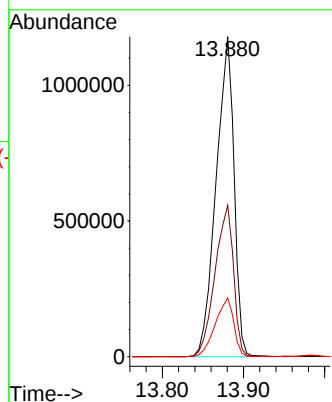
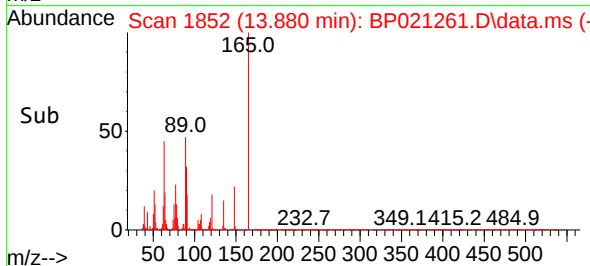
Instrument :
BNA_P
ClientSampleId :
A4DL0



Tgt Ion:165 Resp: 1812914
Ion Ratio Lower Upper
165 100
89 47.3 44.7 67.1
121 18.3 16.5 24.7

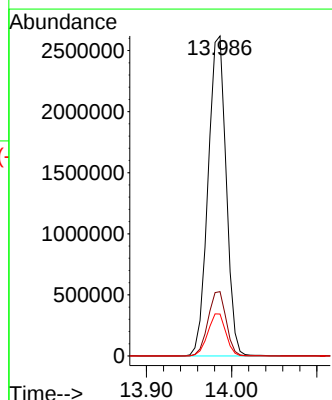
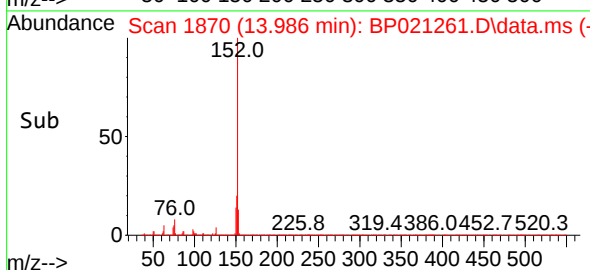
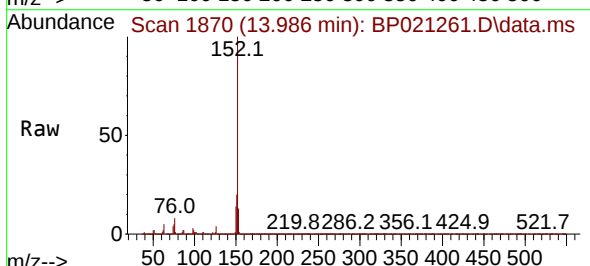
Manual Integrations
APPROVED

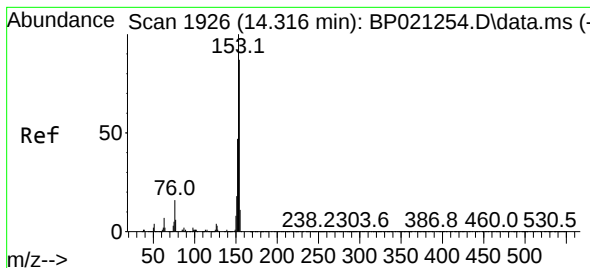
Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



#50
Acenaphthylene
Concen: 95.286 ng/ul
RT: 13.986 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

Tgt Ion:152 Resp: 3855294
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.1 10.3 15.5





#52

Acenaphthene

Concen: 137.646 ng/ul

RT: 14.333 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BP021261.D

Acq: 31 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

A4DL0

Tgt Ion:153 Resp: 369640

Ion Ratio Lower Upper

153 100

152 47.1 37.8 56.6

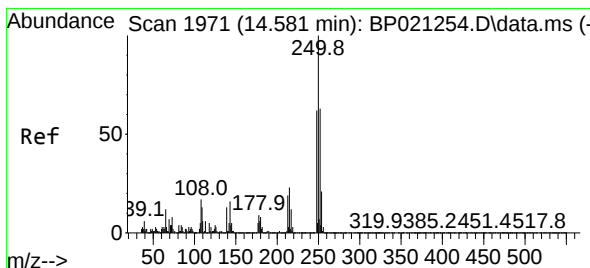
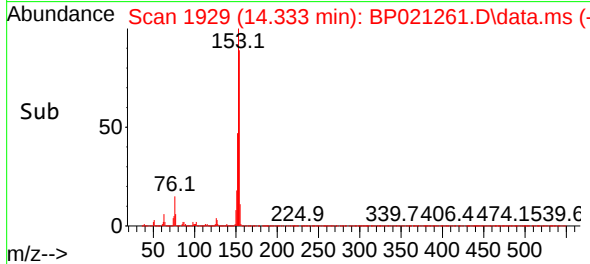
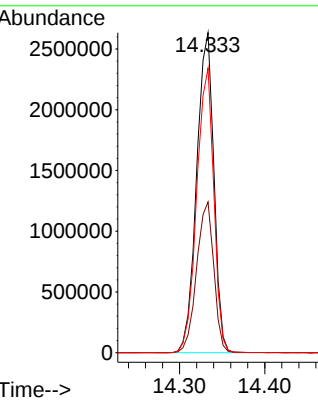
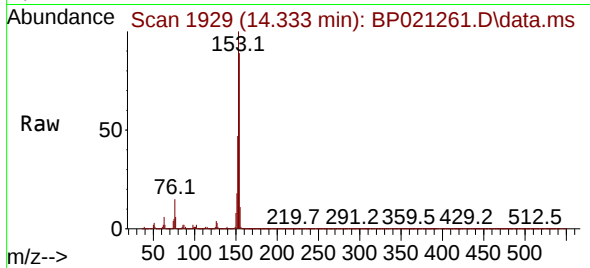
154 88.9 71.8 107.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/01/2024

Supervised By :mohammad ahmed 09/04/2024



#55

4-Nitrophenol

Concen: 49.671 ng/ul

RT: 14.580 min Scan# 1971

Delta R.T. -0.012 min

Lab File: BP021261.D

Acq: 31 Jul 2024 14:46

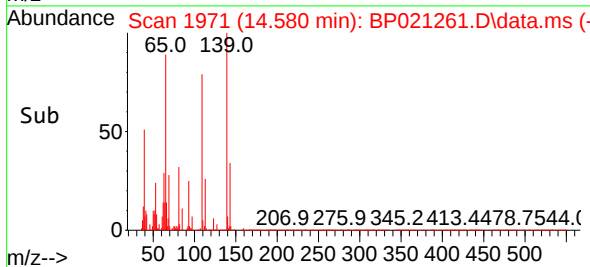
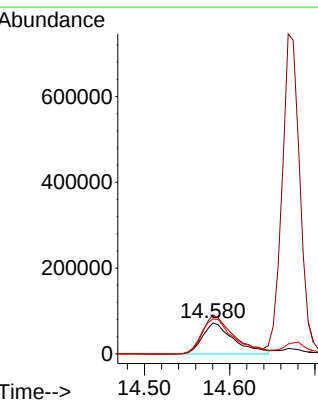
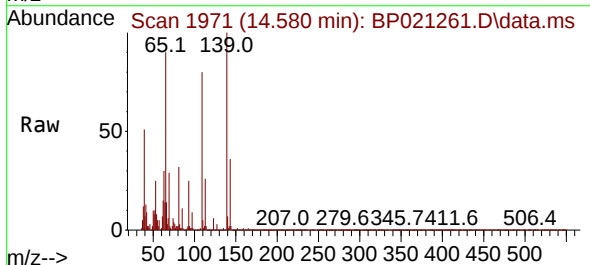
Tgt Ion:109 Resp: 182954

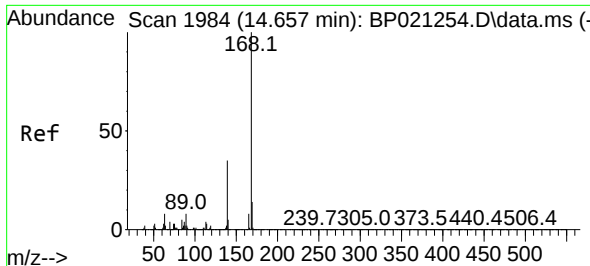
Ion Ratio Lower Upper

109 100

139 125.6 98.0 147.0

65 112.6 106.0 159.0





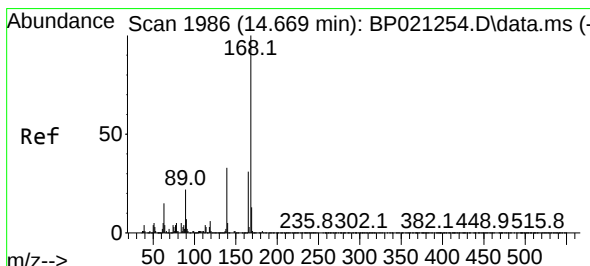
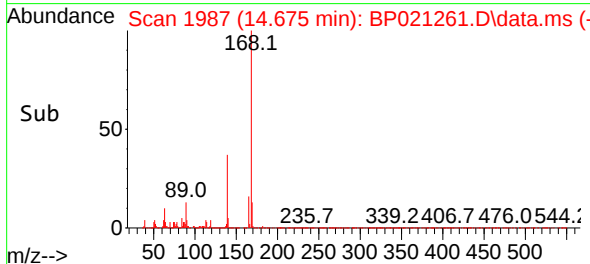
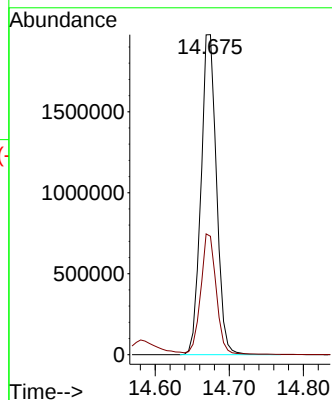
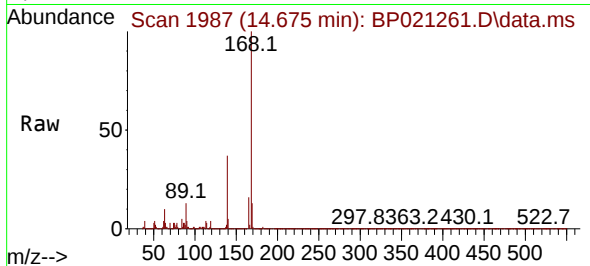
#56
Dibenzofuran
Concen: 78.338 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

Instrument :
BNA_P
ClientSampleId :
A4DL0

Tgt Ion:168 Resp: 288083
Ion Ratio Lower Upper
168 100
139 37.0 31.1 46.7

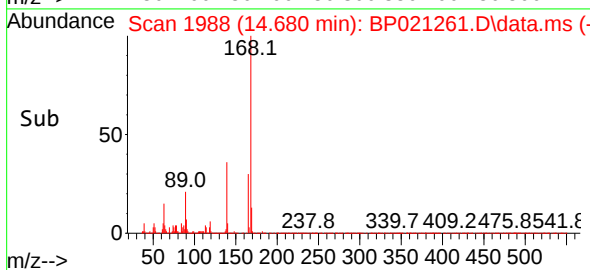
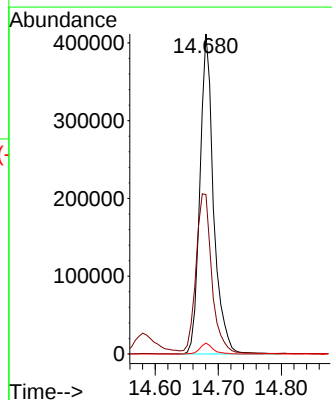
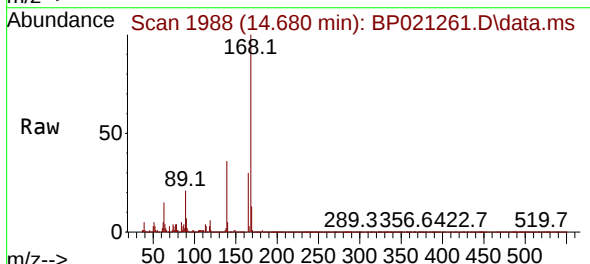
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APPROVED

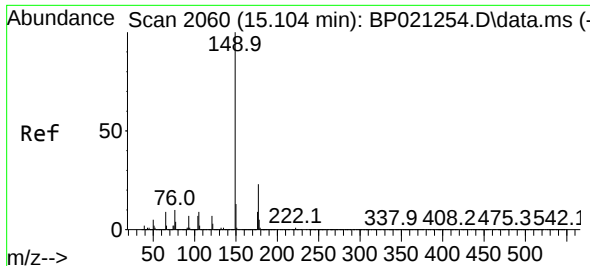
Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



#57
2,4-Dinitrotoluene
Concen: 69.694 ng/ul
RT: 14.680 min Scan# 1988
Delta R.T. -0.018 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

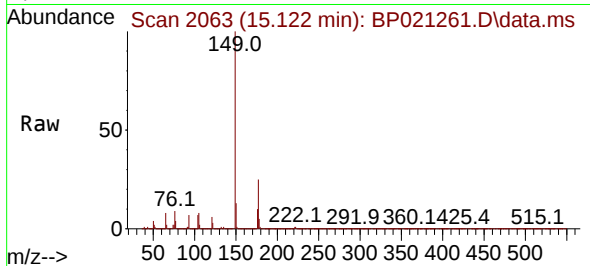
Tgt Ion:165 Resp: 617660
Ion Ratio Lower Upper
165 100
63 49.8 41.0 61.4
182 3.4 2.2 3.4#





#59
Diethylphthalate
Concen: 160.616 ng/ul
RT: 15.122 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

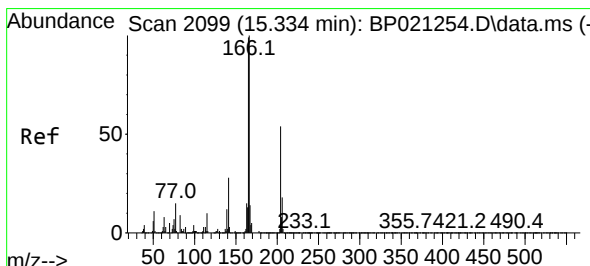
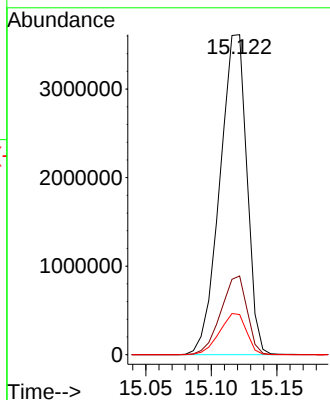
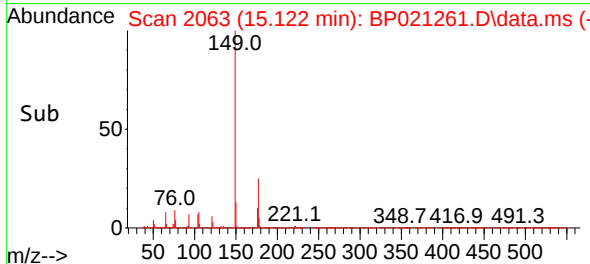
Instrument :
BNA_P
ClientSampleId :
A4DL0



Tgt Ion:149 Resp: 518341
Ion Ratio Lower Upper
149 100
177 24.6 17.7 26.5
150 12.5 10.2 15.2

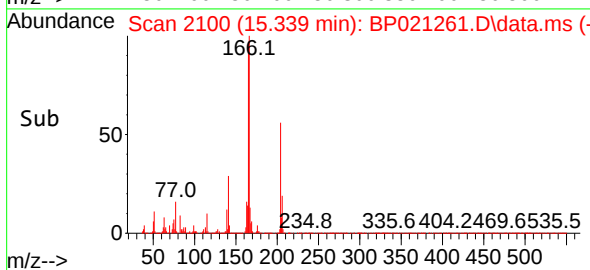
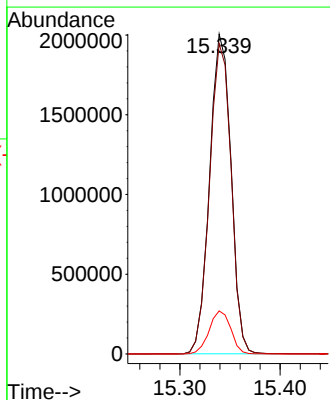
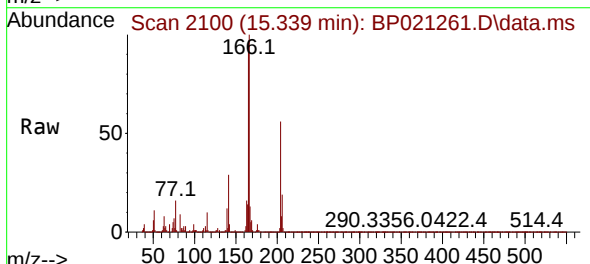
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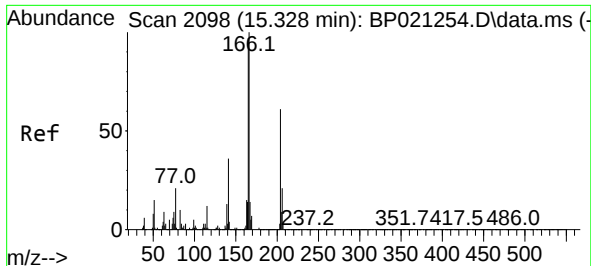
Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



#61
Fluorene
Concen: 99.434 ng/ul
RT: 15.339 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

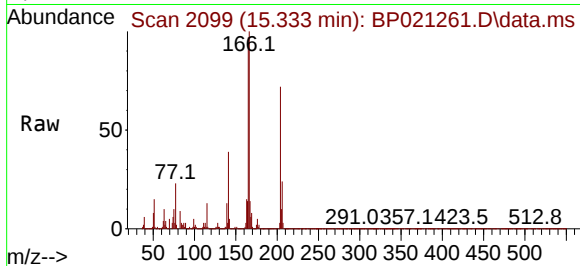
Tgt Ion:166 Resp: 2983921
Ion Ratio Lower Upper
166 100
165 97.0 78.1 117.1
167 13.5 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 101.294 ng/ul
RT: 15.333 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

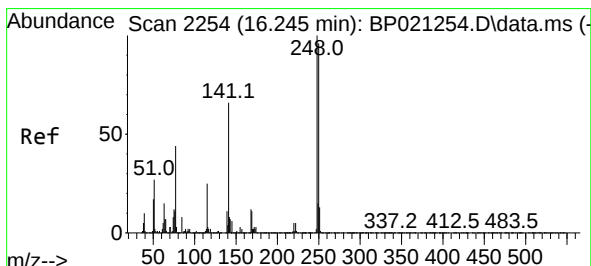
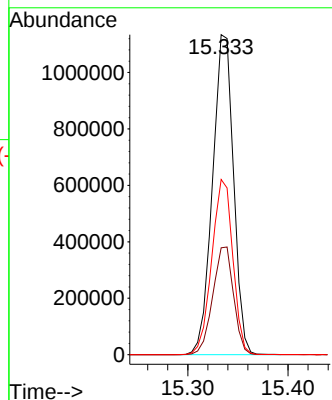
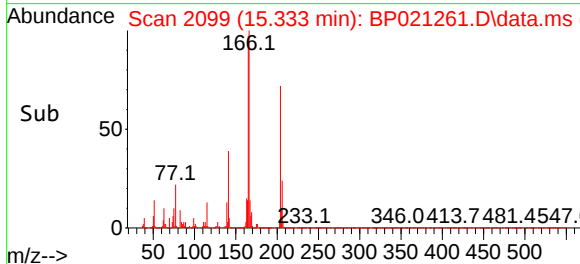
Instrument :
BNA_P
ClientSampleId :
A4DL0



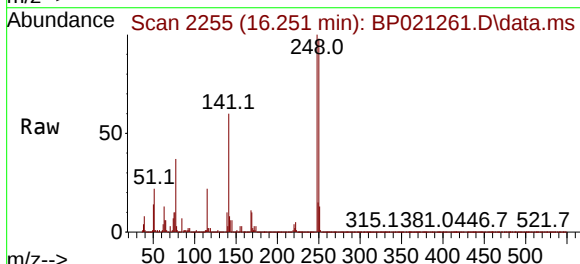
Tgt Ion:204 Resp: 1649450
Ion Ratio Lower Upper
204 100
206 33.4 26.4 39.6
141 54.8 48.5 72.7

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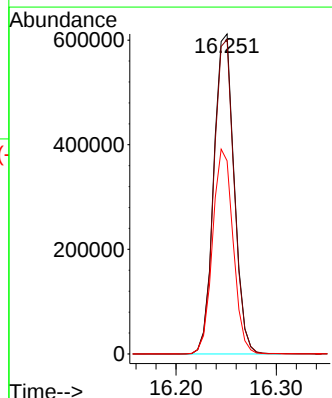
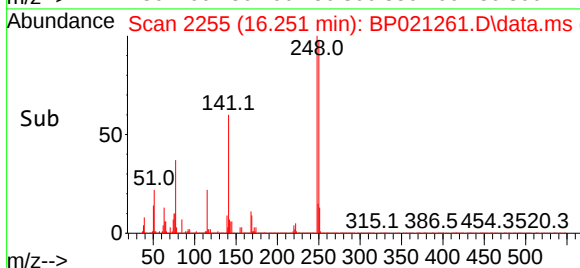
Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024

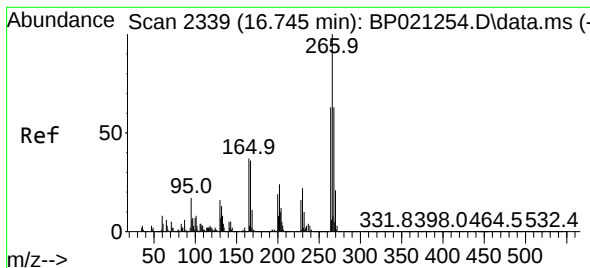


#68
4-Bromophenyl-phenylether
Concen: 73.989 ng/ul
RT: 16.251 min Scan# 2255
Delta R.T. -0.012 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46



Tgt Ion:248 Resp: 862269
Ion Ratio Lower Upper
248 100
250 98.3 79.3 118.9
141 60.4 57.4 86.0





#71

Pentachlorophenol

Concen: 140.584 ng/ul

RT: 16.739 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021261.D

Acq: 31 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

A4DL0

Tgt Ion:266 Resp: 102029

Ion Ratio Lower Upper

266 100

264 63.8 52.3 78.5

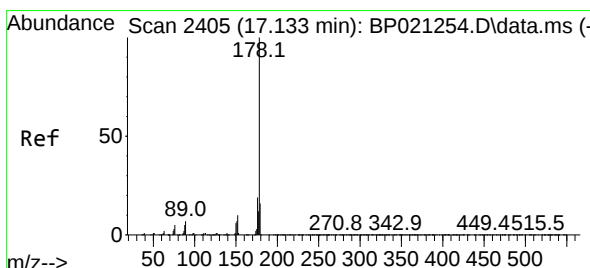
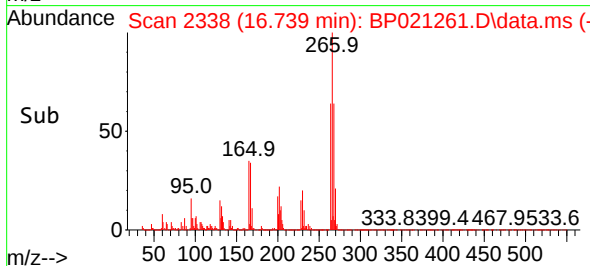
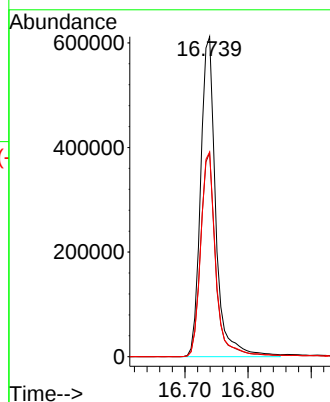
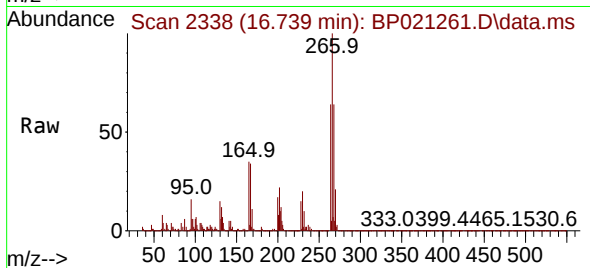
268 63.9 52.3 78.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/01/2024

Supervised By :mohammad ahmed 09/04/2024



#72

Phenanthrene

Concen: 47.937 ng/ul

RT: 17.133 min Scan# 2405

Delta R.T. 0.000 min

Lab File: BP021261.D

Acq: 31 Jul 2024 14:46

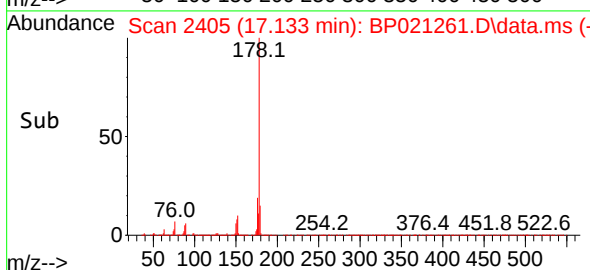
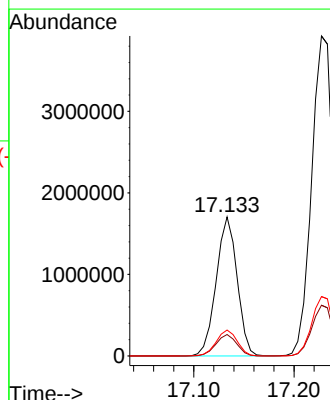
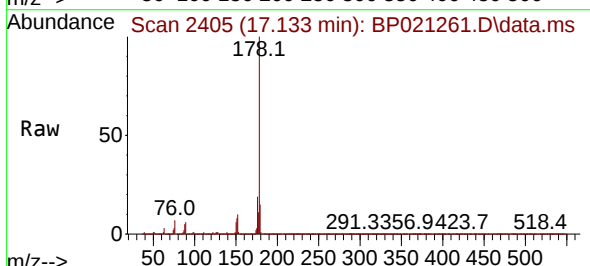
Tgt Ion:178 Resp: 2472563

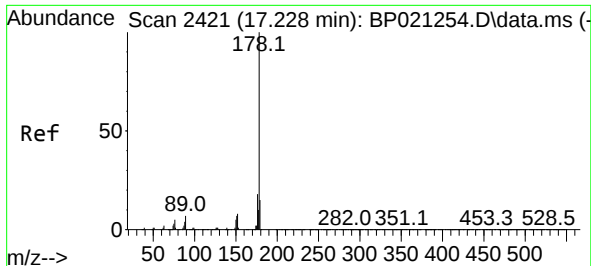
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

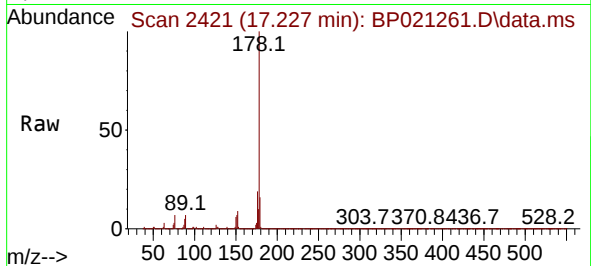
176 18.6 15.0 22.4





#74
 Anthracene
 Concen: 111.308 ng/ul
 RT: 17.227 min Scan# 2421
 Delta R.T. -0.006 min
 Lab File: BP021261.D
 Acq: 31 Jul 2024 14:46

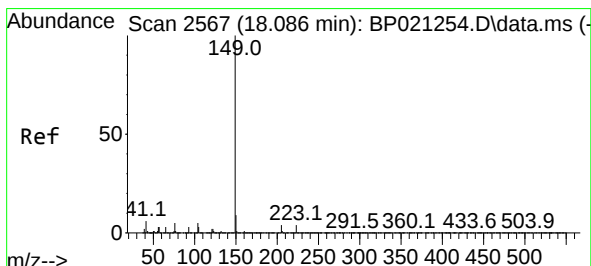
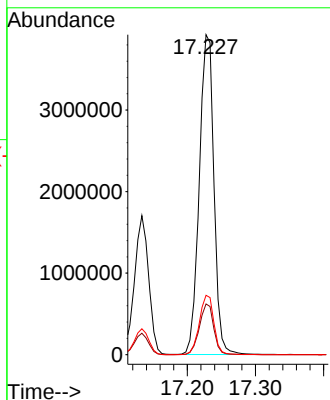
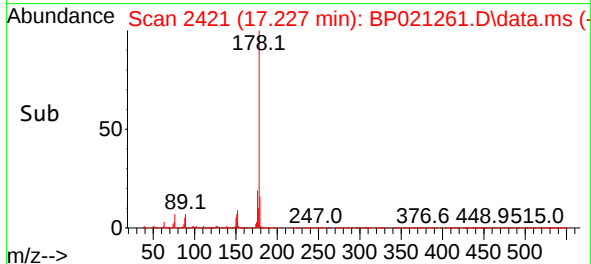
Instrument :
 BNA_P
 ClientSampleId :
 A4DLO



Tgt Ion:178 Resp: 5852908
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.5 18.7
 176 18.6 14.8 22.2

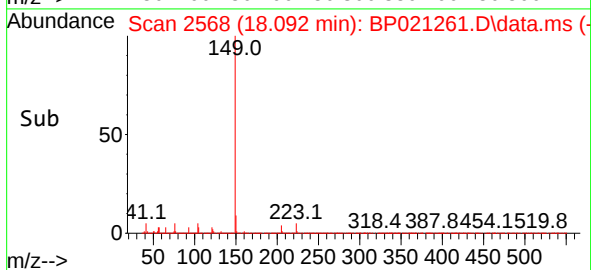
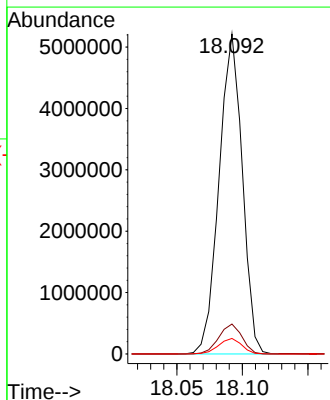
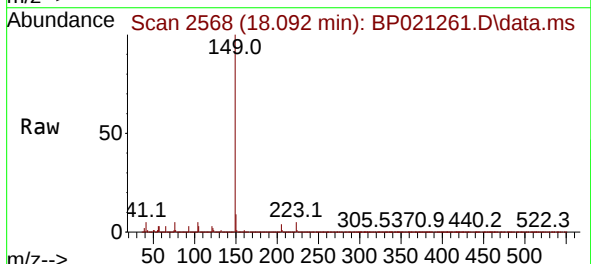
Manual Integrations
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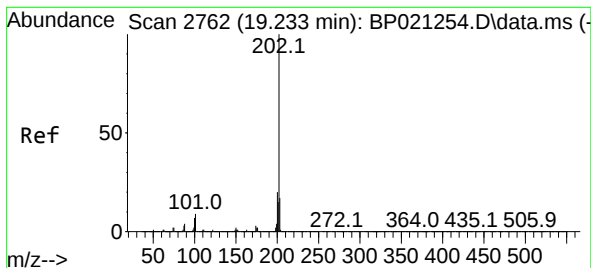
Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024



#78
 Di-n-butylphthalate
 Concen: 108.101 ng/ul
 RT: 18.092 min Scan# 2568
 Delta R.T. -0.006 min
 Lab File: BP021261.D
 Acq: 31 Jul 2024 14:46

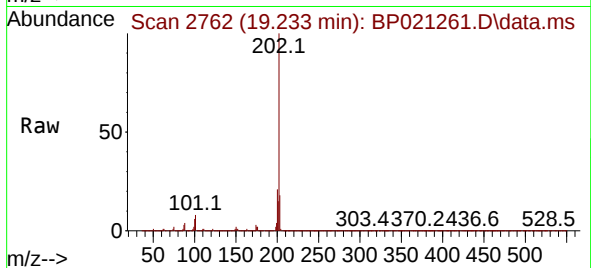
Tgt Ion:149 Resp: 6410919
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.9 3.9 5.9





#80
Fluoranthene
Concen: 76.745 ng/ul
RT: 19.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

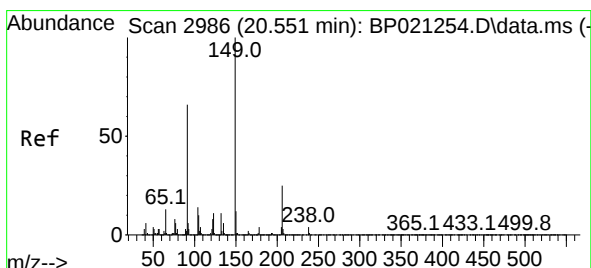
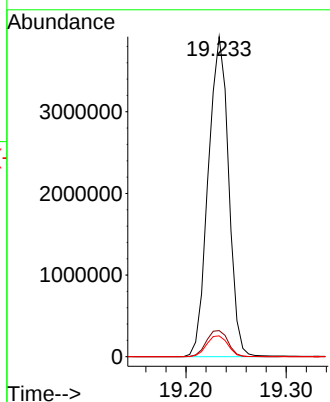
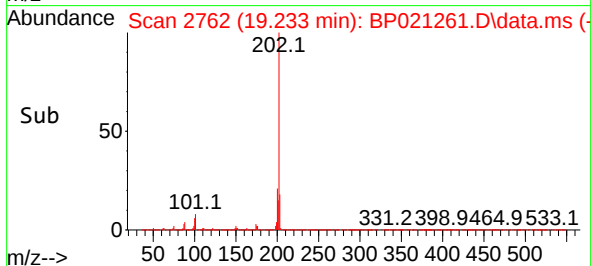
Instrument :
BNA_P
ClientSampleId :
A4DL0



Tgt Ion:202 Resp: 5548098
Ion Ratio Lower Upper
202 100
101 8.2 8.0 12.0
100 6.5 6.1 9.1

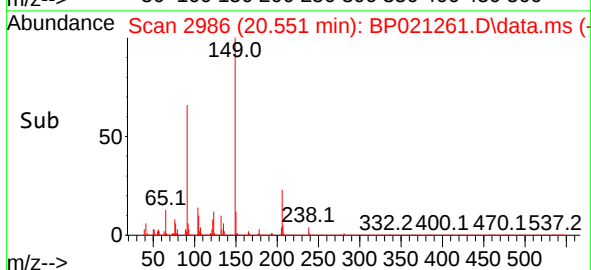
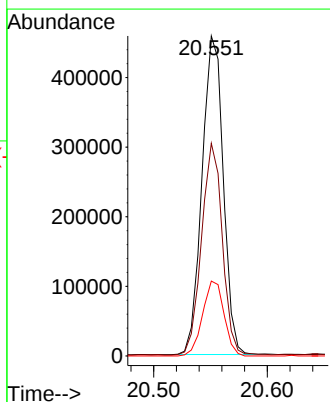
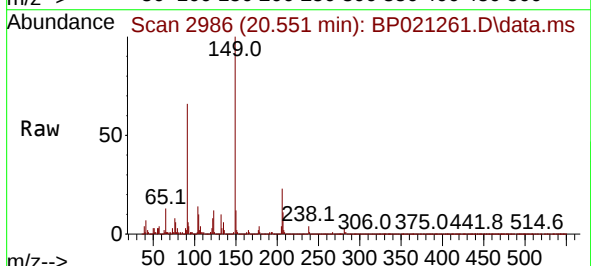
Manual Integrations
APPROVED

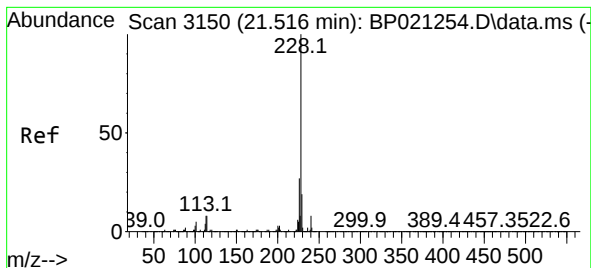
Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



#83
Butylbenzylphthalate
Concen: 19.337 ng/ul
RT: 20.551 min Scan# 2986
Delta R.T. 0.000 min
Lab File: BP021261.D
Acq: 31 Jul 2024 14:46

Tgt Ion:149 Resp: 592681
Ion Ratio Lower Upper
149 100
91 66.5 54.1 81.1
206 23.4 17.0 25.6





#85

Benzo(a)anthracene

Concen: 61.381 ng/ul

RT: 21.527 min Scan# 3152

Delta R.T. 0.018 min

Lab File: BP021261.D

Acq: 31 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

A4DL0

Tgt Ion:228 Resp: 4163334

Ion Ratio Lower Upper

228 100

229 19.5 15.5 23.3

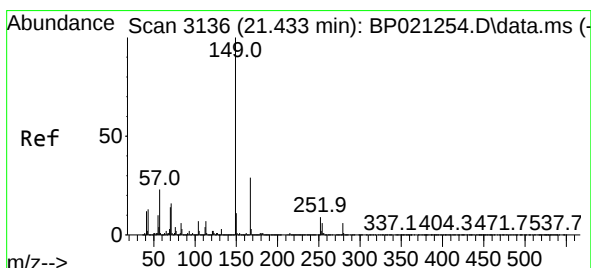
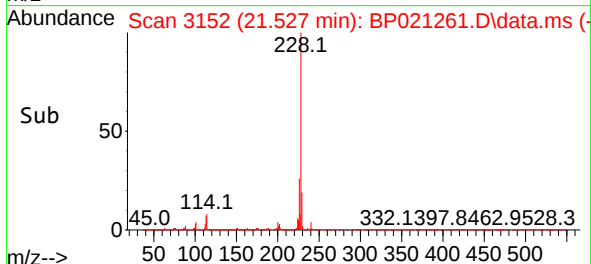
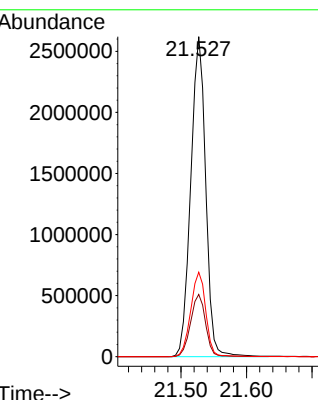
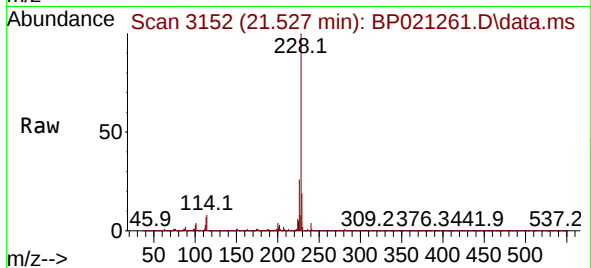
226 26.4 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/01/2024

Supervised By :mohammad ahmed 09/04/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 227.487 ng/ul

RT: 21.445 min Scan# 3138

Delta R.T. 0.024 min

Lab File: BP021261.D

Acq: 31 Jul 2024 14:46

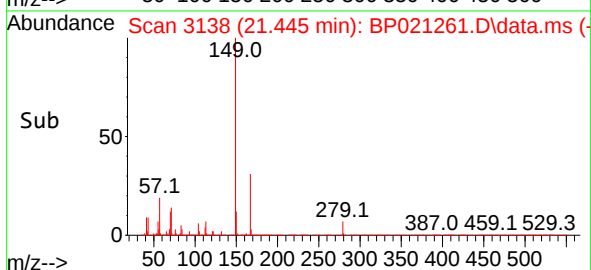
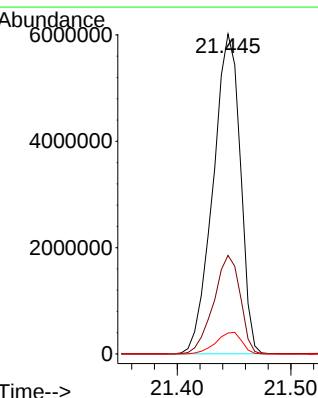
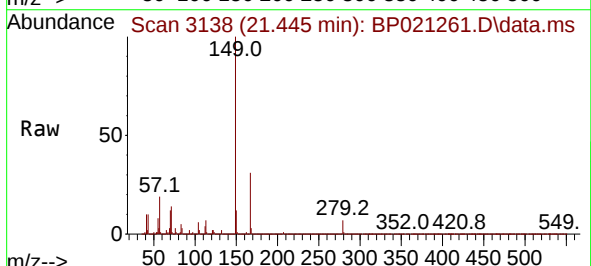
Tgt Ion:149 Resp:10034136

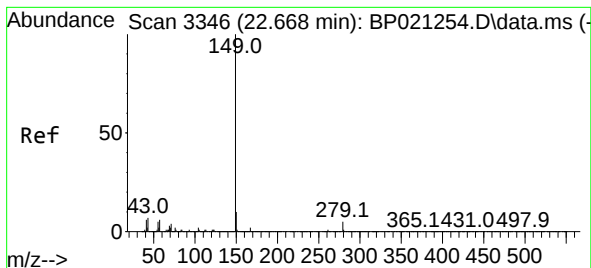
Ion Ratio Lower Upper

149 100

167 30.8 22.1 33.1

279 6.6 3.7 5.5#





#89

Di-n-octyl phthalate

Concen: 141.065 ng/ul

RT: 22.686 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP021261.D

Acq: 31 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

A4DL0

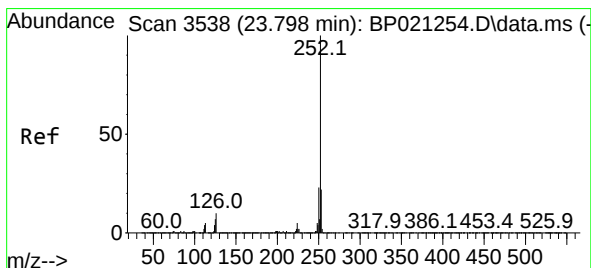
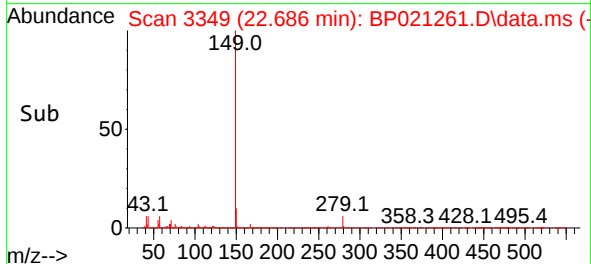
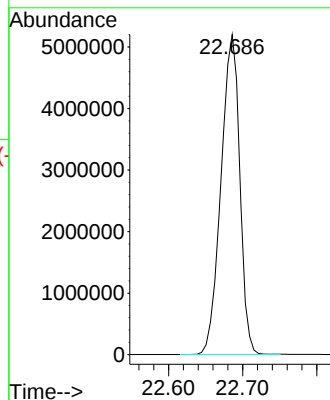
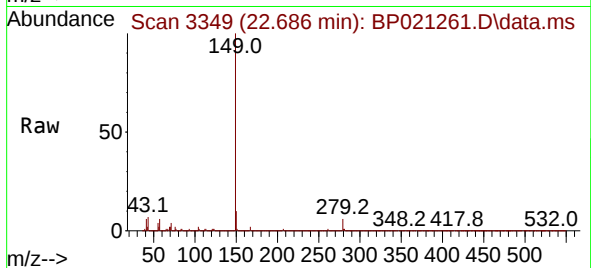
Tgt Ion:149 Resp: 9123619

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/01/2024

Supervised By :mohammad ahmed 09/04/2024



#90

Benzo(b)fluoranthene

Concen: 50.437 ng/ul

RT: 23.809 min Scan# 3540

Delta R.T. 0.024 min

Lab File: BP021261.D

Acq: 31 Jul 2024 14:46

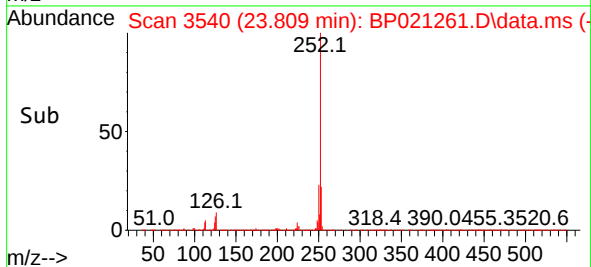
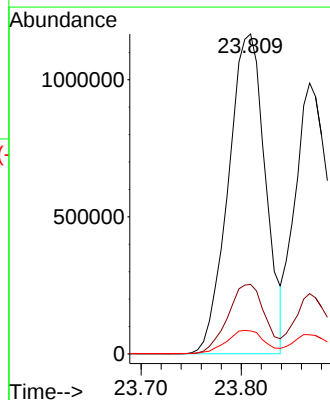
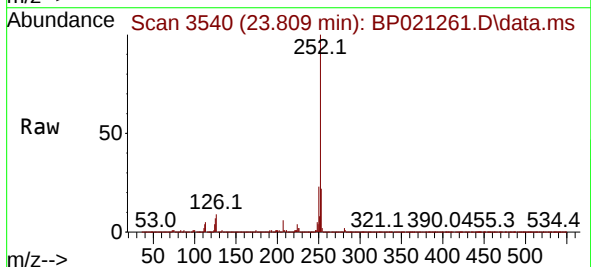
Tgt Ion:252 Resp: 2996643

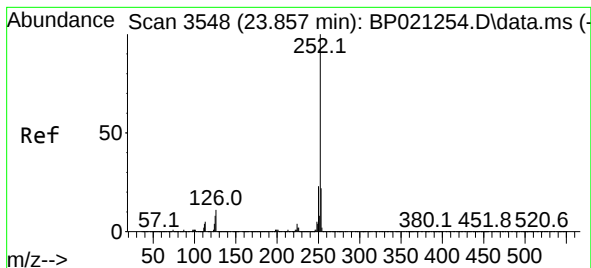
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 7.2 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 39.076 ng/u1

RT: 23.868 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP021261.D

Acq: 31 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

A4DL0

Tgt Ion:252 Resp: 231697

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

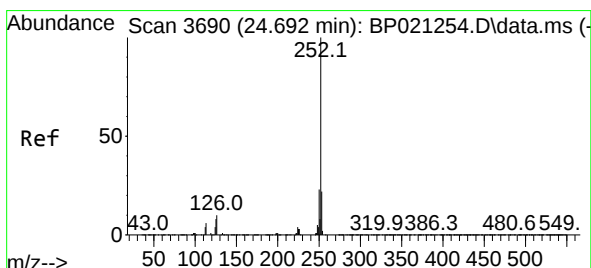
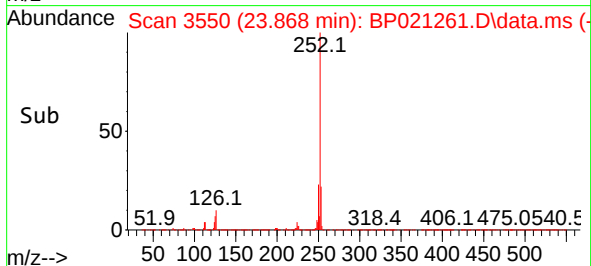
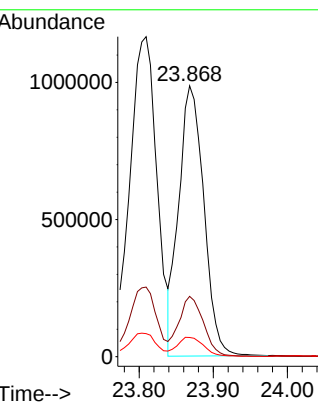
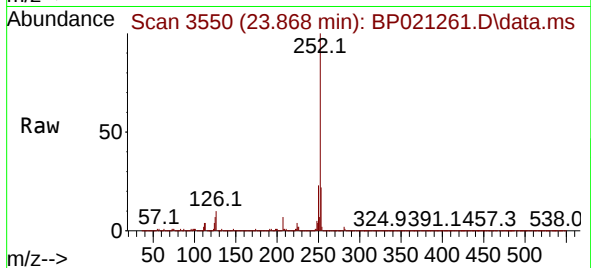
125 7.1 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/01/2024

Supervised By :mohammad ahmed 09/04/2024



#93

Benzo(a)pyrene

Concen: 36.084 ng/u1

RT: 24.698 min Scan# 3691

Delta R.T. 0.018 min

Lab File: BP021261.D

Acq: 31 Jul 2024 14:46

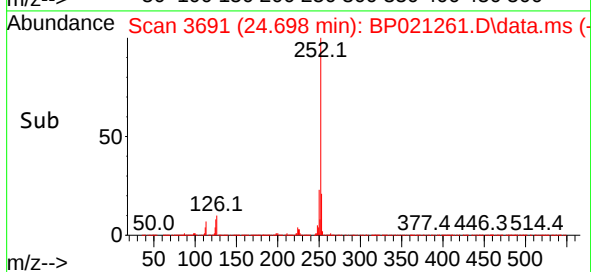
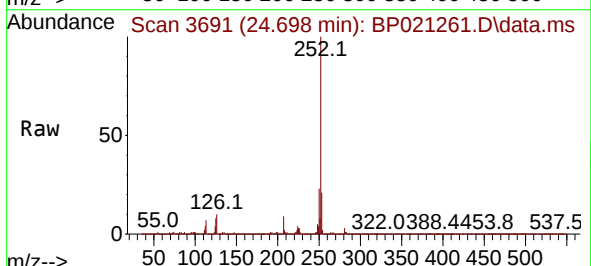
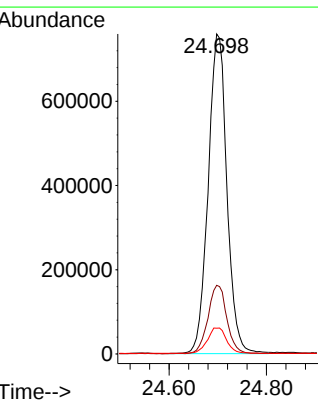
Tgt Ion:252 Resp: 2025940

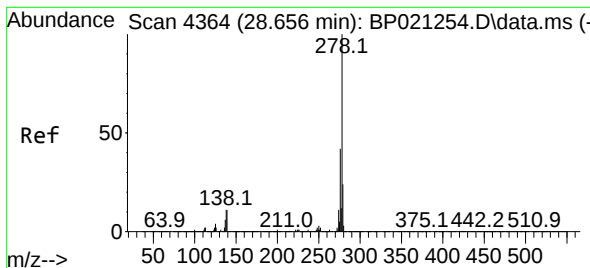
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 8.1 7.7 11.5





#95

Dibenzo(a,h)anthracene

Concen: 26.460 ng/ul

RT: 28.674 min Scan# 41

Delta R.T. 0.035 min

Lab File: BP021261.D

Acq: 31 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

A4DL0

Tgt Ion:278 Resp: 158524

Ion Ratio Lower Upper

278 100

139 11.1 10.9 16.3

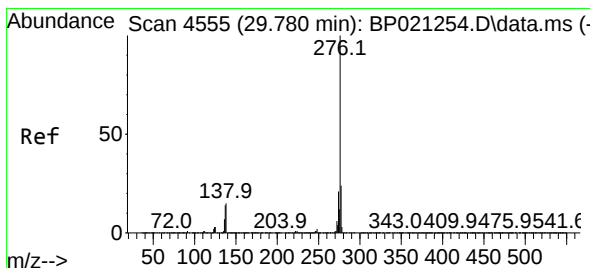
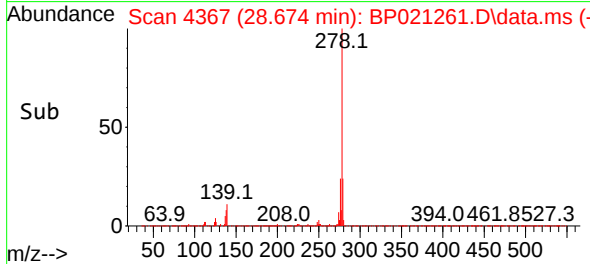
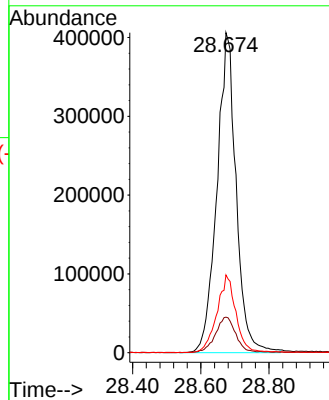
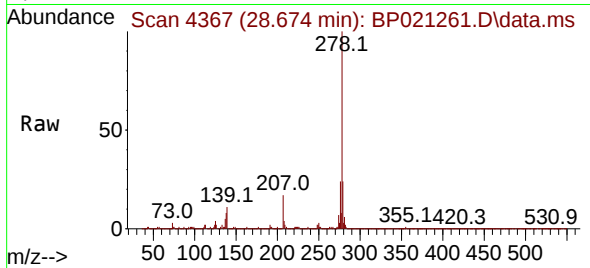
279 24.3 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/01/2024

Supervised By :mohammad ahmed 09/04/2024



#96

Benzo(g,h,i)perylene

Concen: 66.555 ng/ul m

RT: 29.803 min Scan# 4559

Delta R.T. 0.041 min

Lab File: BP021261.D

Acq: 31 Jul 2024 14:46

Tgt Ion:276 Resp: 3921478

Ion Ratio Lower Upper

276 100

138 15.9 15.3 22.9

277 24.9 18.2 27.2

