

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019708.D
 Acq On : 14 Feb 2024 18:55
 Operator : MA/JU
 Sample : P1395-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-2(4-6)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024

Quant Time: Feb 14 23:27:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	56684	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	218005	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	288357	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	363864	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	364726	20.000	ng	0.00
86) Perylene-d12	23.810	264	434180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	279381	79.448	ng	0.00
7) Phenol-d6	7.134	99	365739	77.134	ng	0.05
23) Nitrobenzene-d5	9.081	82	260549	51.788	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	228217	54.206	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	615542	26.389	ng	-0.01
79) Terphenyl-d14	19.863	244	1254937	56.585	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.187	94	19619047	4151.439	ng	92
12) 1,3-Dichlorobenzene	7.793	146	17934	4.060	ng	95
13) 1,4-Dichlorobenzene	7.940	146	300714	67.188	ng	98
14) 1,2-Dichlorobenzene	8.252	146	98850	22.827	ng	99
17) 2-Methylphenol	8.381	107	3332927	1047.553	ng	96
20) 3+4-Methylphenols	8.710	107	3706539	853.619	ng	93
27) 2,4-Dimethylphenol	9.904	122	1408159	570.162	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	21858	4.775	ng	91
31) Naphthalene	10.757	128	455128	38.065	ng	100
37) 2-Methylnaphthalene	12.369	142	84409	10.201	ng	98
38) 1-Methylnaphthalene	12.587	142	66989	8.238	ng	99
46) 1,1'-Biphenyl	13.387	154	4455395	193.589	ng	98
55) Dibenzofuran	14.945	168	61720	2.304	ng	# 95
74) Di-n-butylphthalate	18.275	149	8421659	401.369	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	23627665m	1614.147	ng	

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

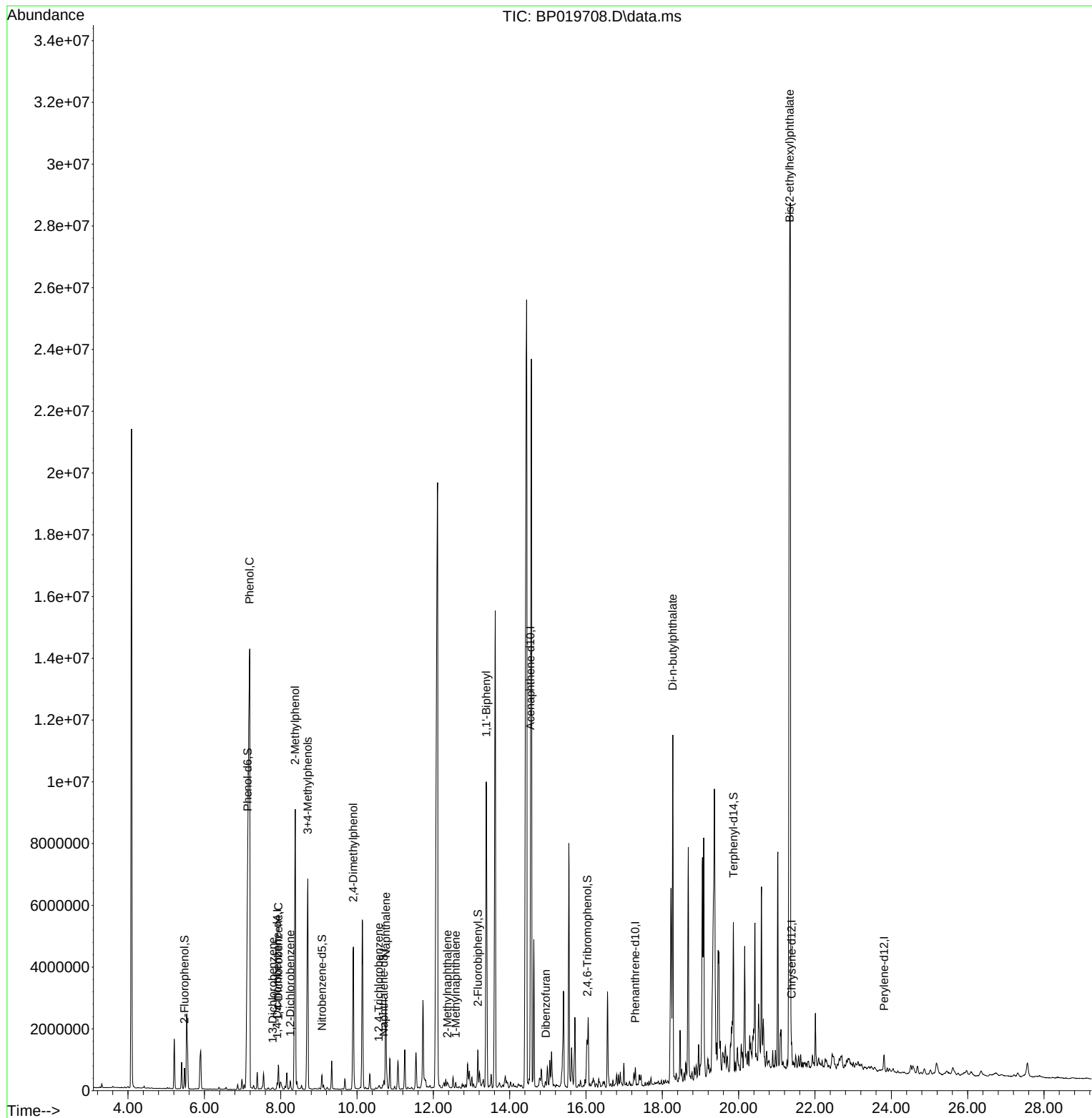
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
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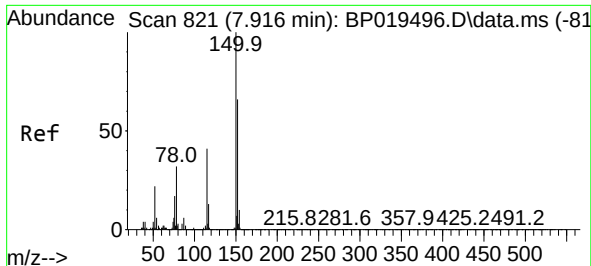
Instrument :
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B-2(4-6)

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
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Supervised By :mohammad ahmed 02/15/2024





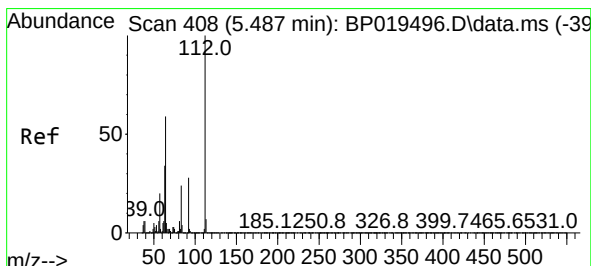
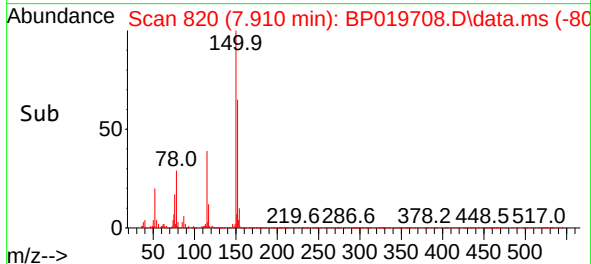
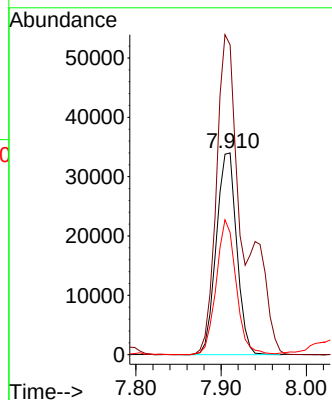
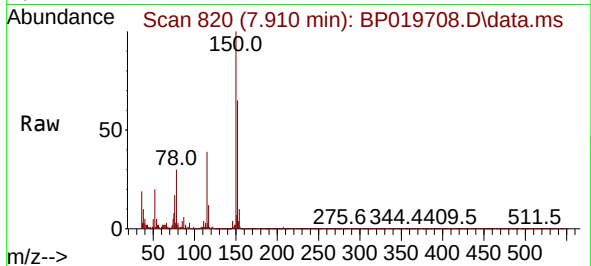
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

Instrument :
BNA_P
ClientSampleId :
B-2(4-6)

Tgt Ion:152 Resp: 56684
Ion Ratio Lower Upper
152 100
150 153.6 121.8 182.8
115 60.6 49.9 74.9

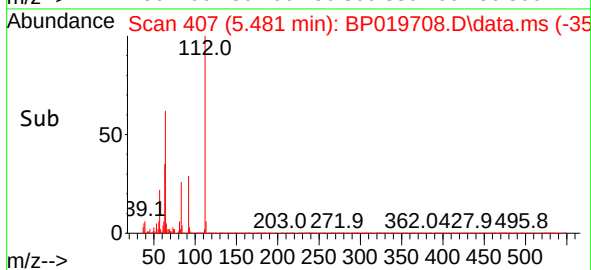
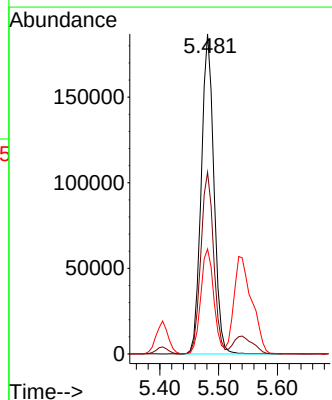
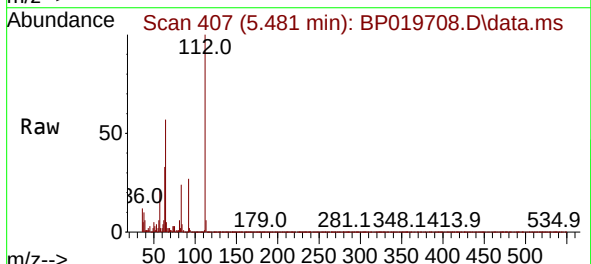
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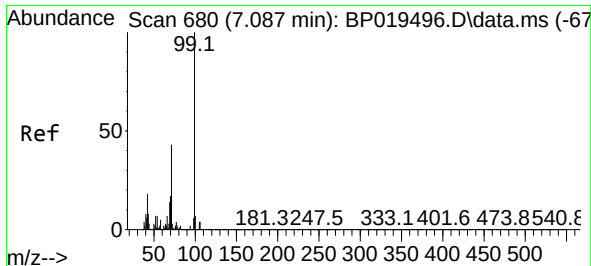
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#5
2-Fluorophenol
Concen: 79.448 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

Tgt Ion:112 Resp: 279381
Ion Ratio Lower Upper
112 100
64 56.8 47.4 71.0
63 32.8 27.0 40.6





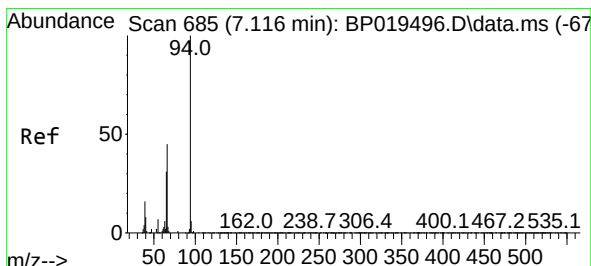
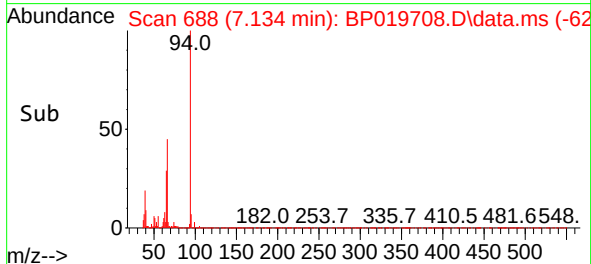
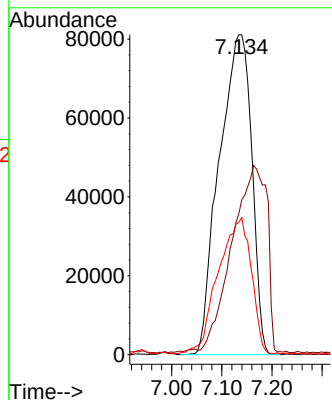
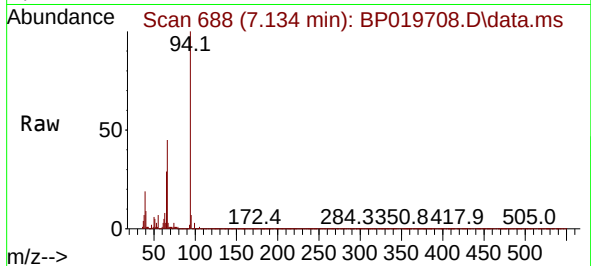
#7
Phenol-d6
Concen: 77.134 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.047 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

Instrument :
BNA_P
ClientSampleId :
B-2(4-6)

Tgt Ion: 99 Resp: 365739
Ion Ratio Lower Upper
99 100
42 44.2 14.7 22.1
71 41.4 34.8 52.2

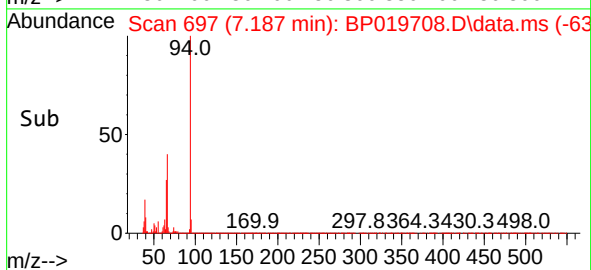
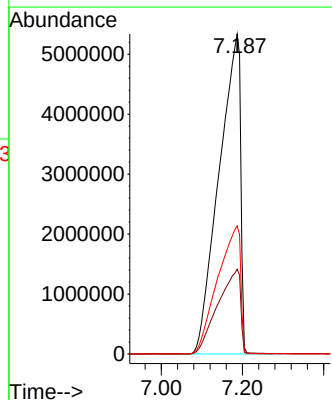
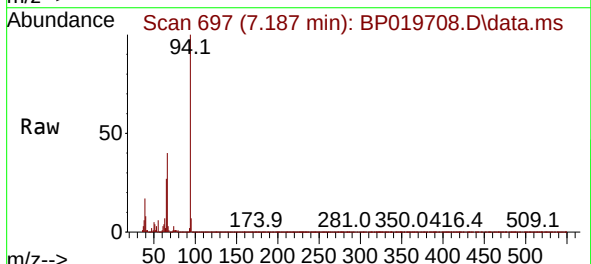
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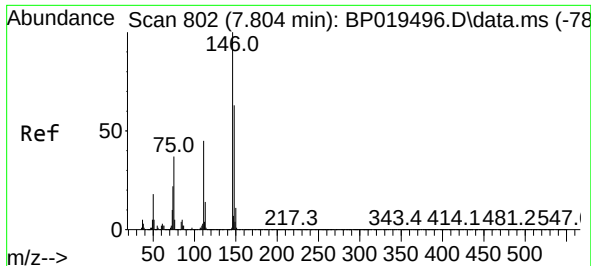
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#10
Phenol
Concen: 4151.439 ng
RT: 7.187 min Scan# 697
Delta R.T. 0.071 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

Tgt Ion: 94 Resp:19619047
Ion Ratio Lower Upper
94 100
65 26.5 11.3 51.3
66 40.0 25.1 65.1





#12

1,3-Dichlorobenzene

Concen: 4.060 ng

RT: 7.793 min Scan# 80

Delta R.T. -0.012 min

Lab File: BP019708.D

Acq: 14 Feb 2024 18:55

Instrument :

BNA_P

ClientSampleId :

B-2(4-6)

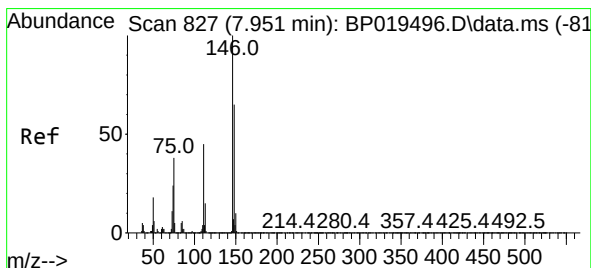
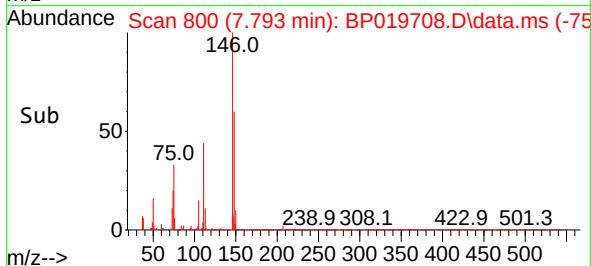
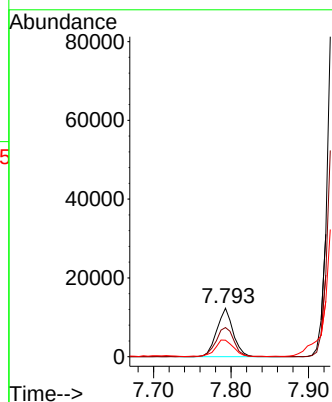
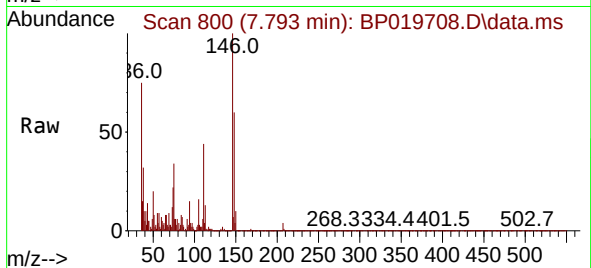
Tgt Ion:146	Resp:	17934
Ion Ratio	Lower	Upper
146	100	
148	60.0	50.4 75.6
75	33.8	29.9 44.9

Manual Integrations

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#13

1,4-Dichlorobenzene

Concen: 67.188 ng

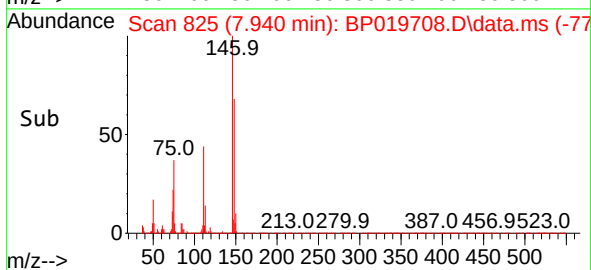
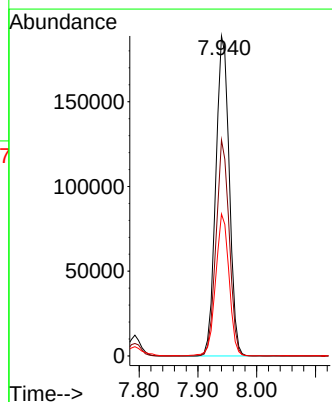
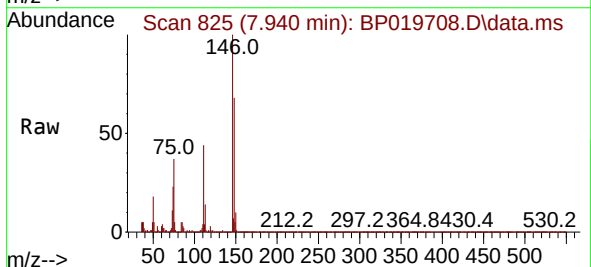
RT: 7.940 min Scan# 825

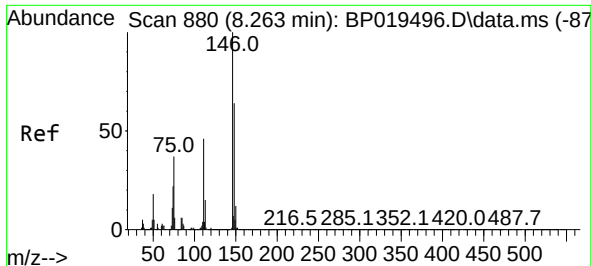
Delta R.T. -0.011 min

Lab File: BP019708.D

Acq: 14 Feb 2024 18:55

Tgt Ion:146	Resp:	300714
Ion Ratio	Lower	Upper
146	100	
148	67.5	51.9 77.9
111	44.3	35.8 53.6





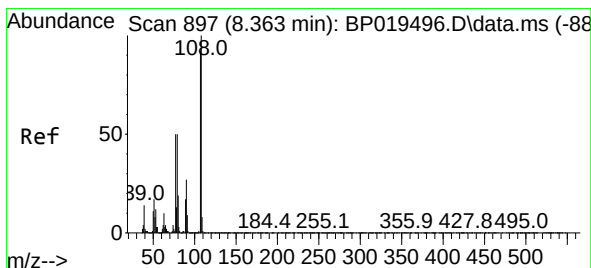
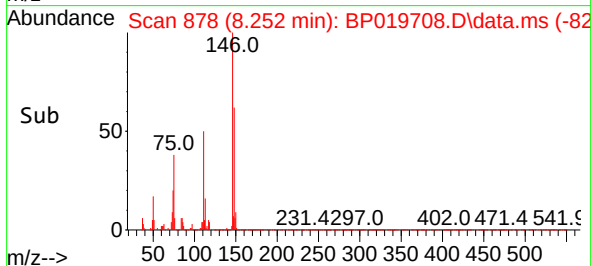
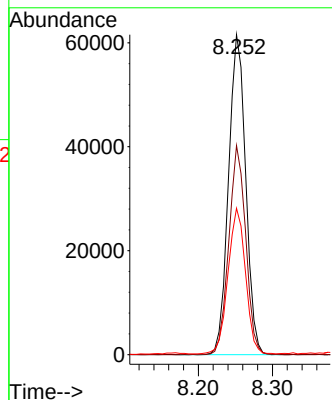
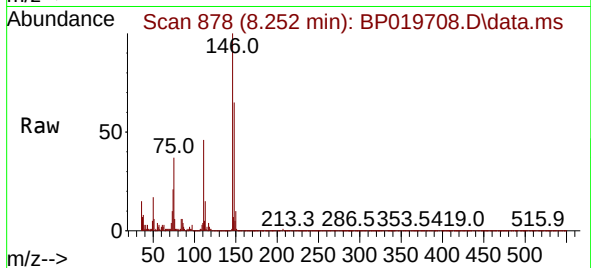
#14
1,2-Dichlorobenzene
Concen: 22.827 ng
RT: 8.252 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

Instrument :
BNA_P
ClientSampleId :
B-2(4-6)

Tgt Ion:146 Resp: 98850
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.0
111 45.8 37.0 55.6

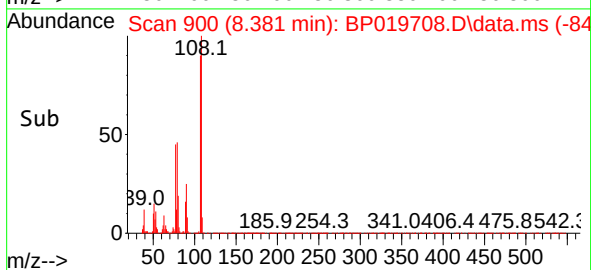
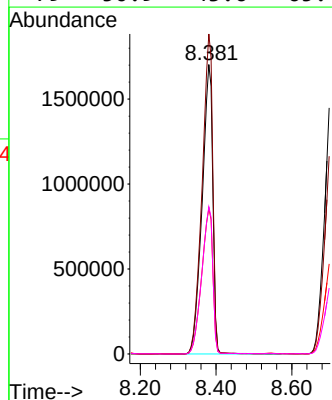
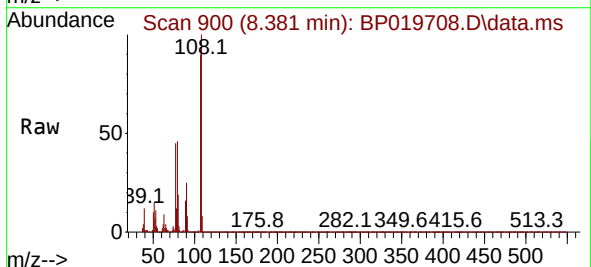
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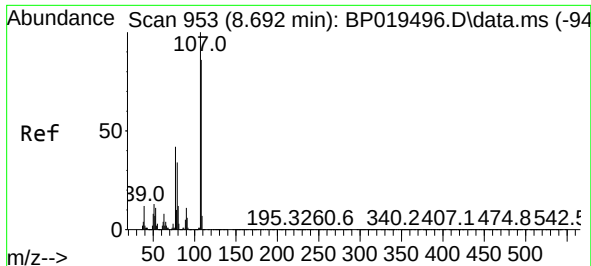
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#17
2-Methylphenol
Concen: 1047.553 ng
RT: 8.381 min Scan# 900
Delta R.T. 0.018 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

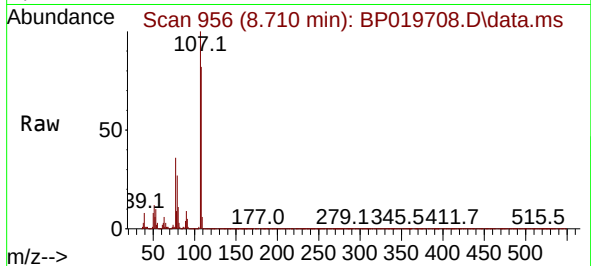
Tgt Ion:107 Resp: 3332927
Ion Ratio Lower Upper
107 100
108 110.5 87.0 130.6
77 50.2 43.5 65.3
79 50.9 43.6 65.4





#20
3+4-Methylphenols
Concen: 853.619 ng
RT: 8.710 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

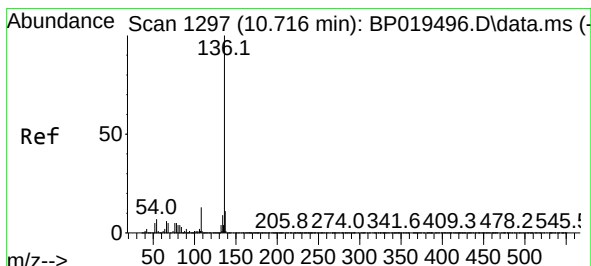
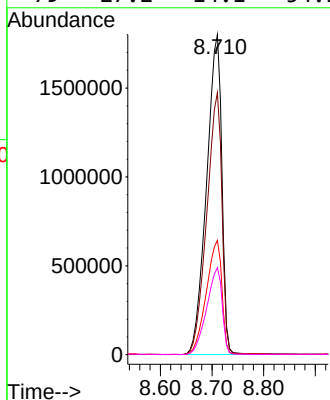
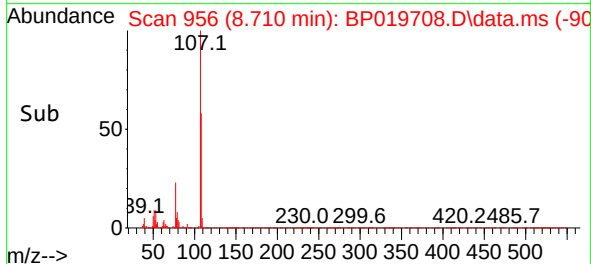
Instrument :
BNA_P
ClientSampleId :
B-2(4-6)



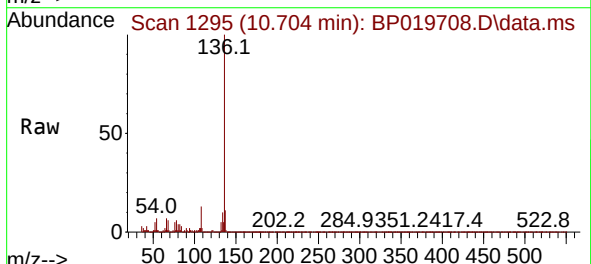
Tgt Ion:107 Resp: 3706539
Ion Ratio Lower Upper
107 100
108 81.9 65.5 105.5
77 35.8 21.8 61.8
79 27.2 14.1 54.1

Manual Integrations
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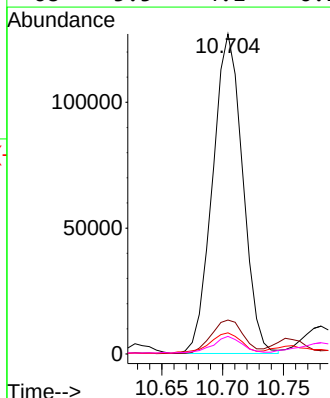
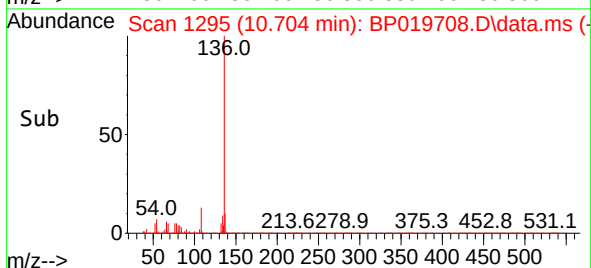
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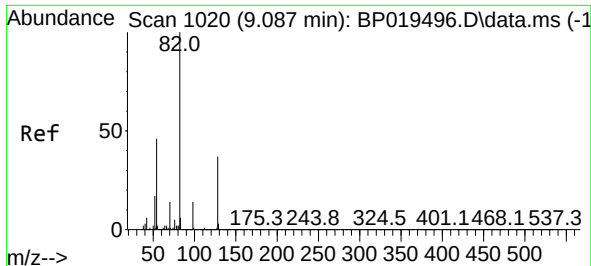


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55



Tgt Ion:136 Resp: 218005
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.6 5.3 7.9
68 5.5 4.1 6.1





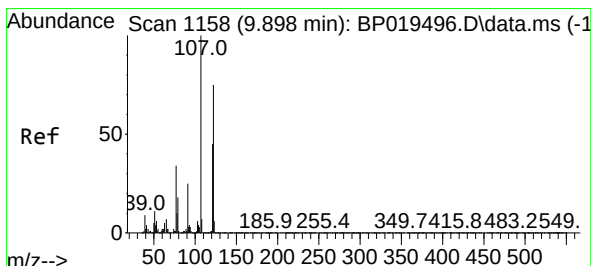
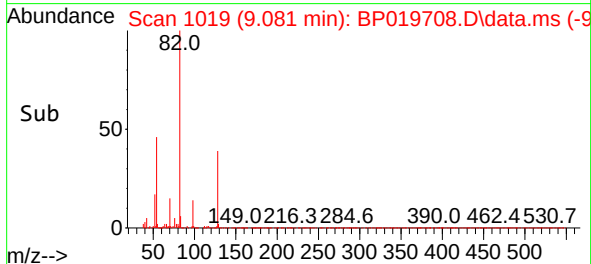
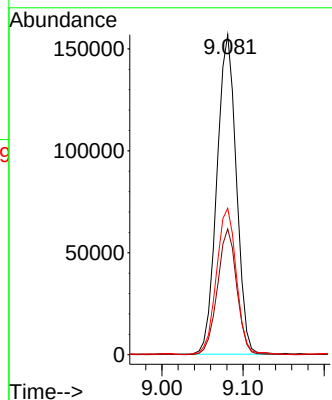
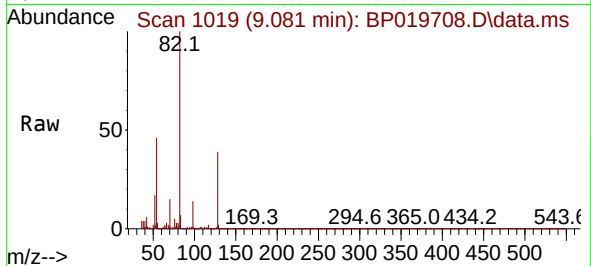
#23
Nitrobenzene-d5
Concen: 51.788 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

Instrument :
BNA_P
ClientSampleId :
B-2(4-6)

Tgt Ion: 82 Resp: 260549
Ion Ratio Lower Upper
82 100
128 39.3 29.7 44.5
54 45.8 36.8 55.2

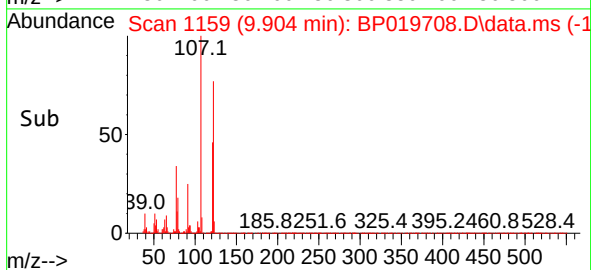
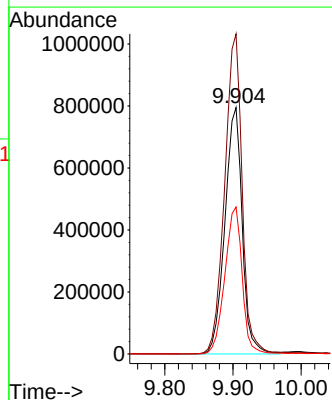
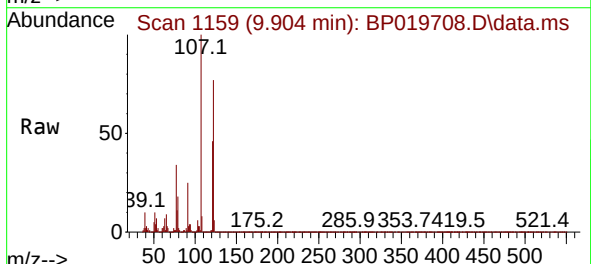
Manual Integrations
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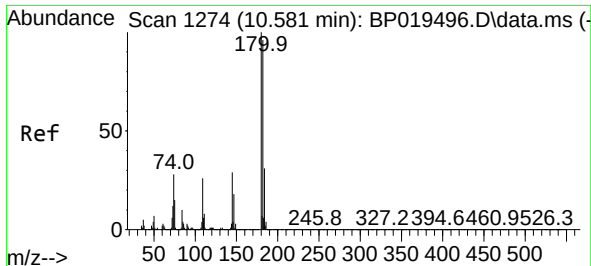
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#27
2,4-Dimethylphenol
Concen: 570.162 ng
RT: 9.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

Tgt Ion:122 Resp: 1408159
Ion Ratio Lower Upper
122 100
107 129.8 105.9 158.9
121 59.7 47.5 71.3





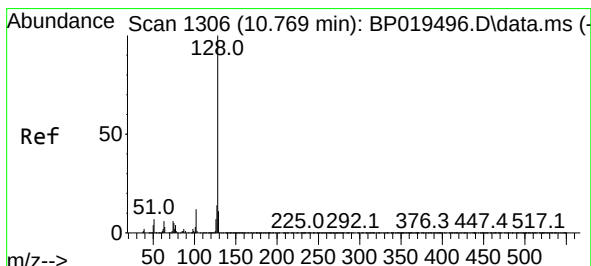
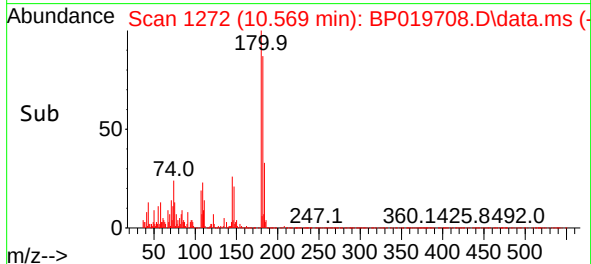
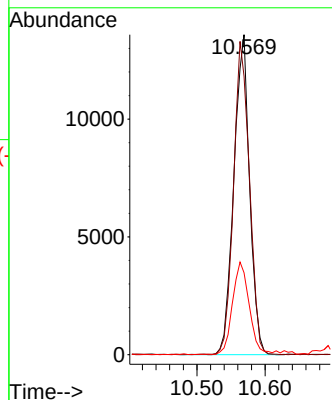
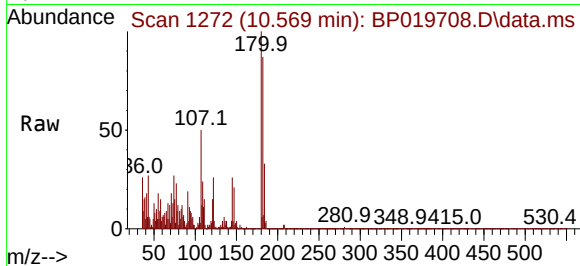
#30
1,2,4-Trichlorobenzene
Concen: 4.775 ng
RT: 10.569 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

Instrument :
BNA_P
ClientSampleId :
B-2(4-6)

Tgt Ion:180 Resp: 2185
Ion Ratio Lower Upper
180 100
182 87.0 77.0 115.6
145 25.6 23.2 34.8

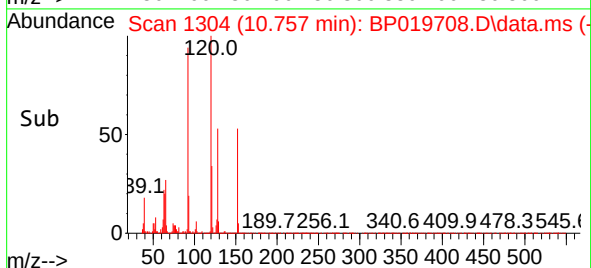
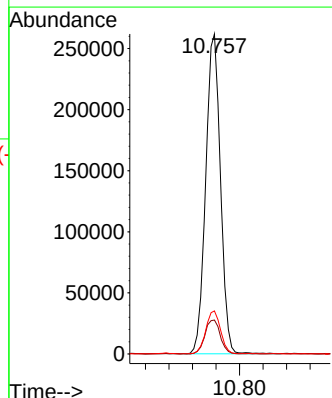
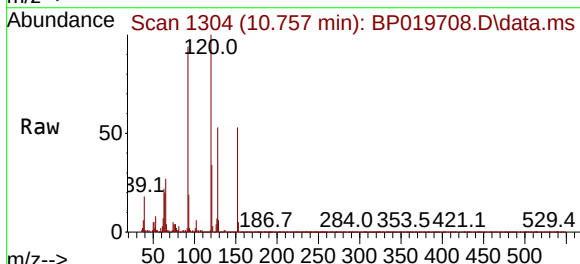
Manual Integrations
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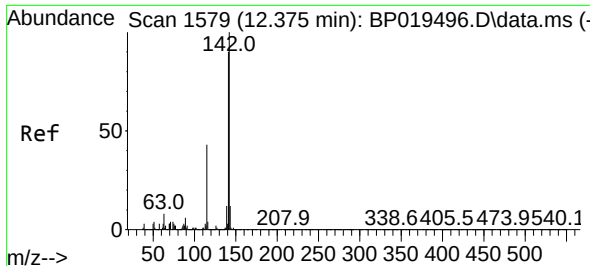
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#31
Naphthalene
Concen: 38.065 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.012 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

Tgt Ion:128 Resp: 455128
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.5 10.8 16.2





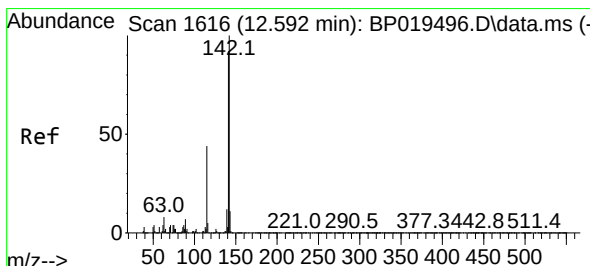
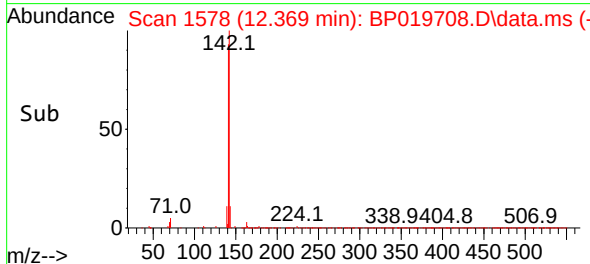
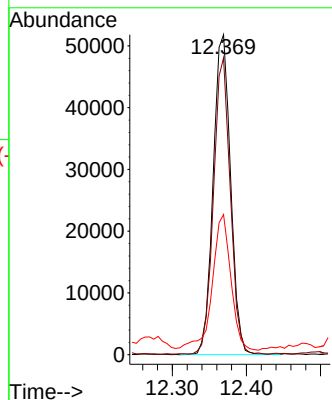
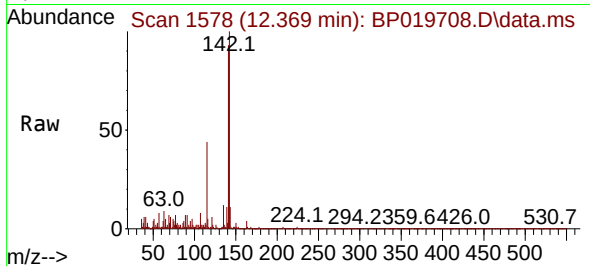
#37
2-Methylnaphthalene
Concen: 10.201 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

Instrument :
BNA_P
ClientSampleId :
B-2(4-6)

Tgt Ion:142 Resp: 84409
Ion Ratio Lower Upper
142 100
141 92.7 72.2 108.4
115 43.8 34.2 51.2

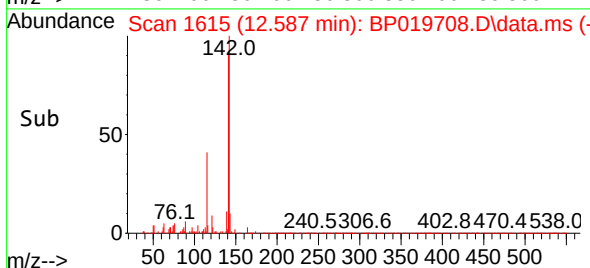
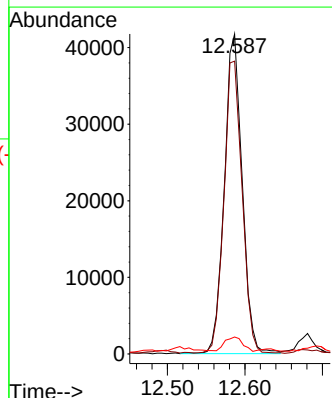
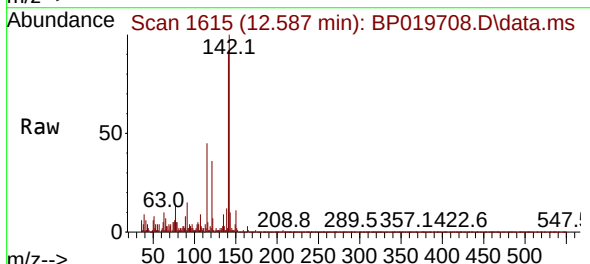
Manual Integrations
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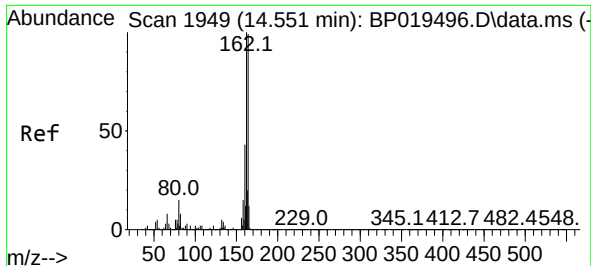
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#38
1-Methylnaphthalene
Concen: 8.238 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

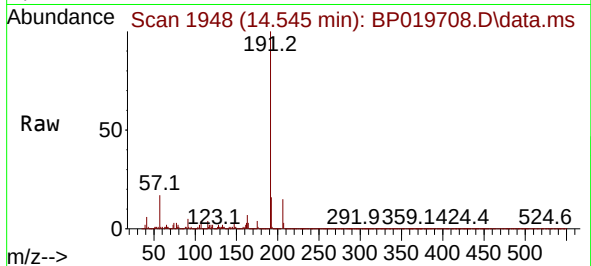
Tgt Ion:142 Resp: 66989
Ion Ratio Lower Upper
142 100
141 91.5 74.0 111.0
116 5.3 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

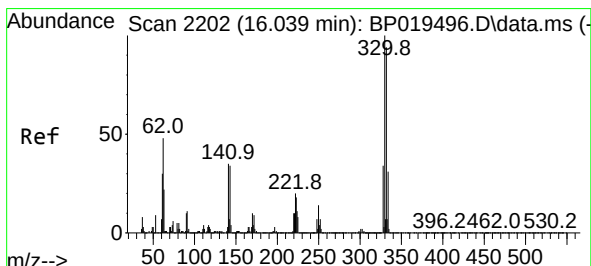
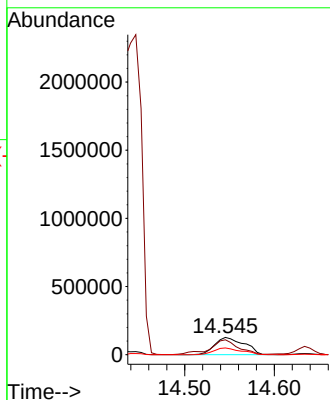
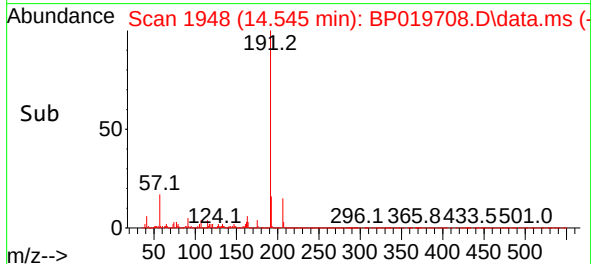
Instrument :
BNA_P
ClientSampleId :
B-2(4-6)



Tgt Ion:164 Resp: 28835
Ion Ratio Lower Upper
164 100
162 86.5 81.2 121.8
160 39.6 35.1 52.7

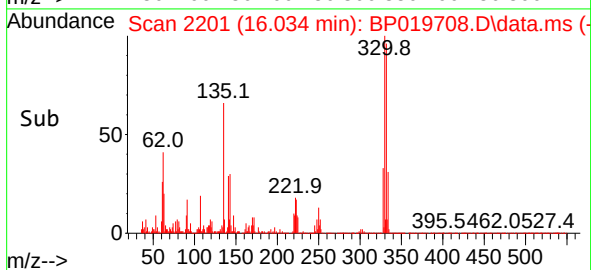
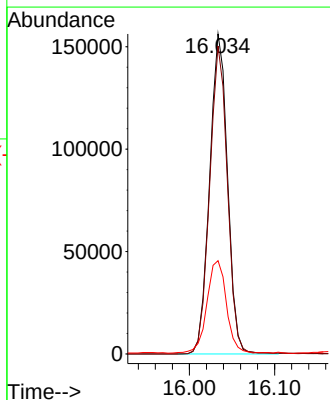
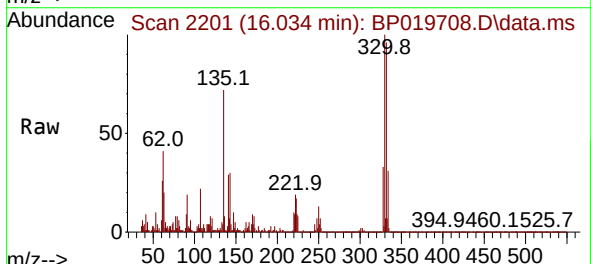
Manual Integrations
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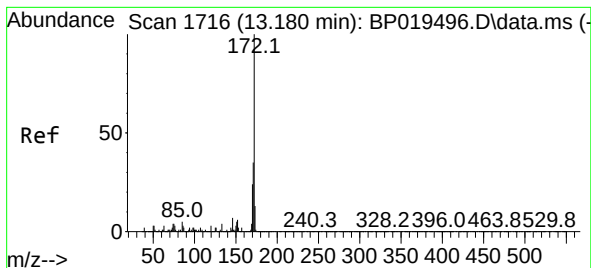
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#42
2,4,6-Tribromophenol
Concen: 54.206 ng
RT: 16.034 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

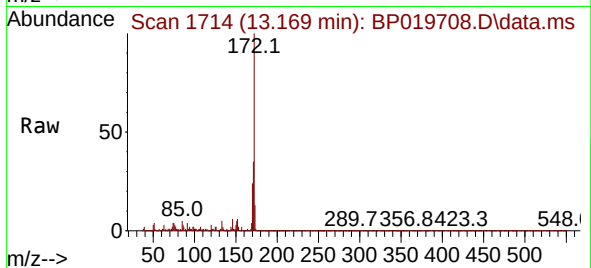
Tgt Ion:330 Resp: 228217
Ion Ratio Lower Upper
330 100
332 95.6 77.2 115.8
141 31.5 27.0 40.4





#45
2-Fluorobiphenyl
Concen: 26.389 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.011 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

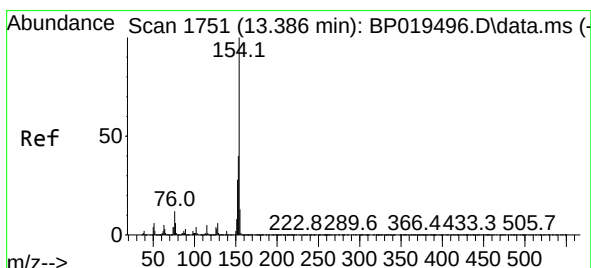
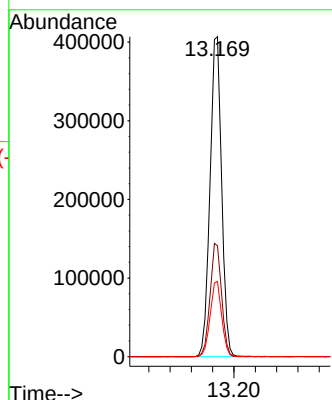
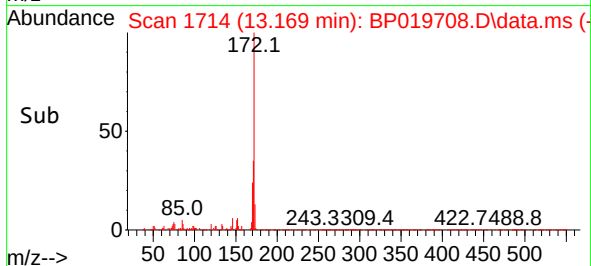
Instrument :
BNA_P
ClientSampleId :
B-2(4-6)



Tgt Ion:172 Resp: 61554
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.5 18.9 28.3

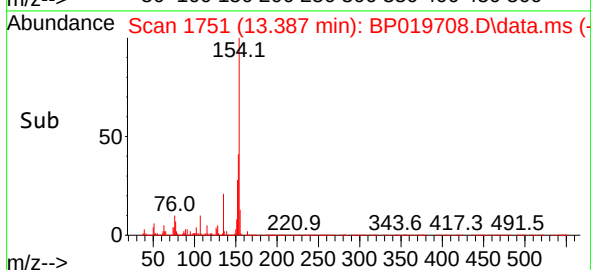
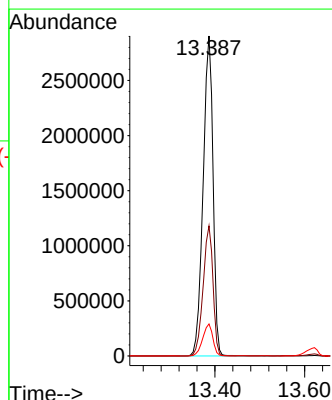
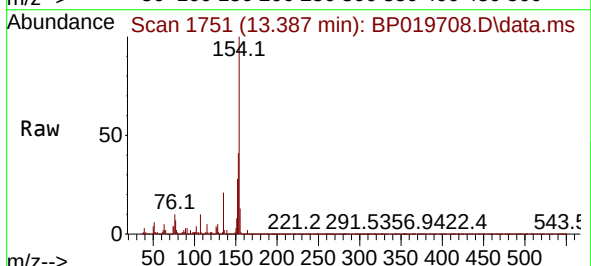
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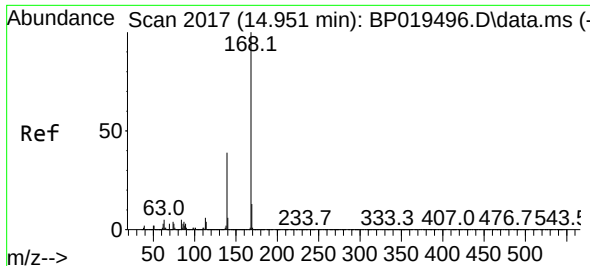
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#46
1,1'-Biphenyl
Concen: 193.589 ng
RT: 13.387 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

Tgt Ion:154 Resp: 4455395
Ion Ratio Lower Upper
154 100
153 40.7 20.2 60.2
76 10.0 0.0 31.6





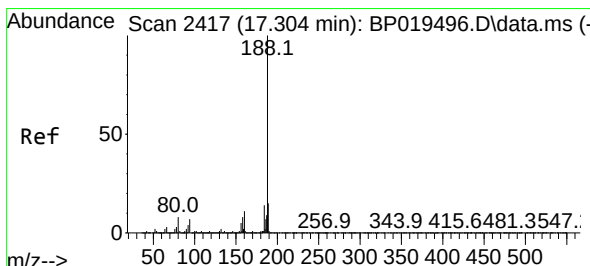
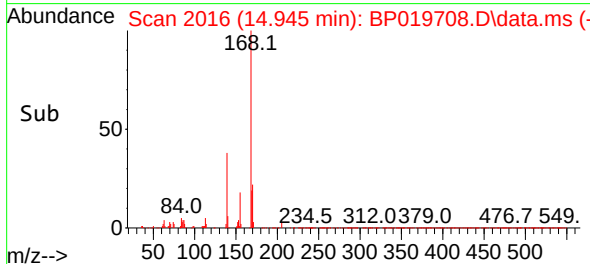
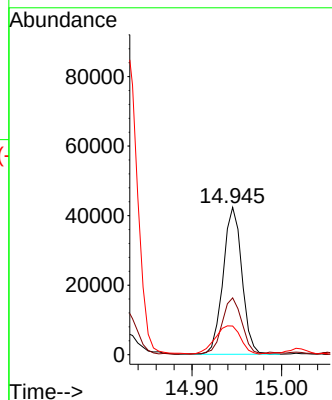
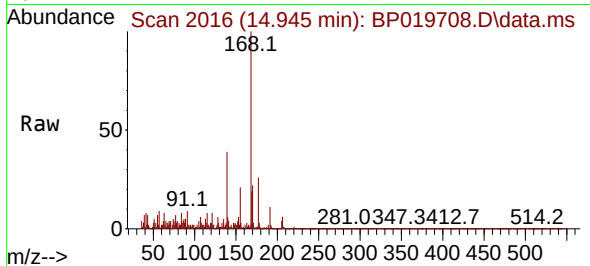
#55
Dibenzenofuran
Concen: 2.304 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

Instrument :
BNA_P
ClientSampleId :
B-2(4-6)

Tgt Ion:168 Resp: 61720
Ion Ratio Lower Upper
168 100
139 38.6 31.5 47.3
169 19.5 10.3 15.5

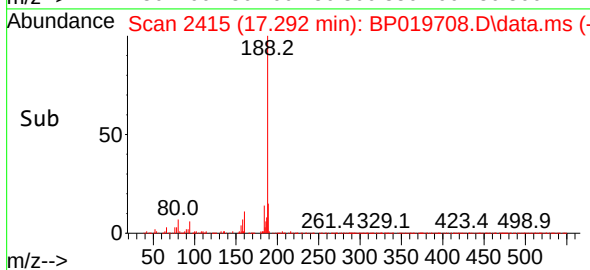
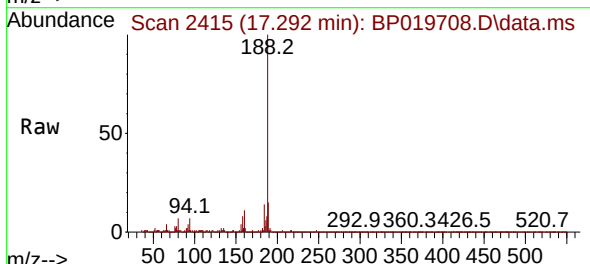
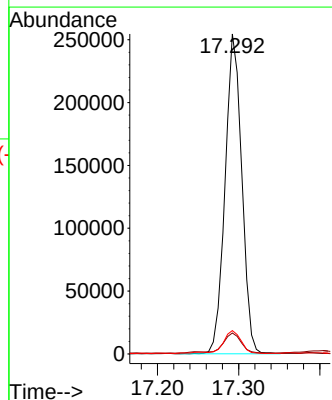
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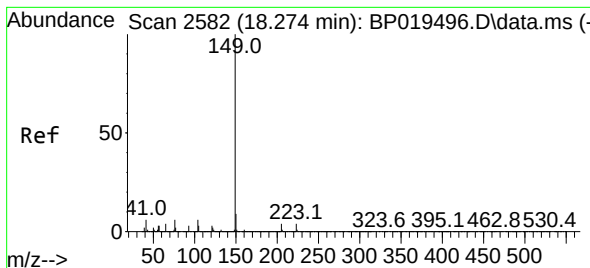
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019708.D
Acq: 14 Feb 2024 18:55

Tgt Ion:188 Resp: 363864
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 7.3 6.3 9.5





#74

Di-n-butylphthalate

Concen: 401.369 ng

RT: 18.275 min Scan# 2582

Delta R.T. 0.000 min

Lab File: BP019708.D

Acq: 14 Feb 2024 18:55

Instrument :

BNA_P

ClientSampleId :

B-2(4-6)

Tgt Ion:149 Resp: 8421659

Ion Ratio Lower Upper

149 100

150 9.6 7.3 10.9

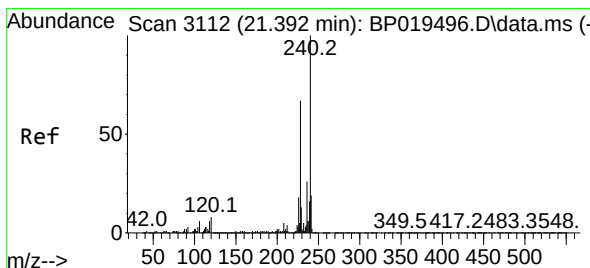
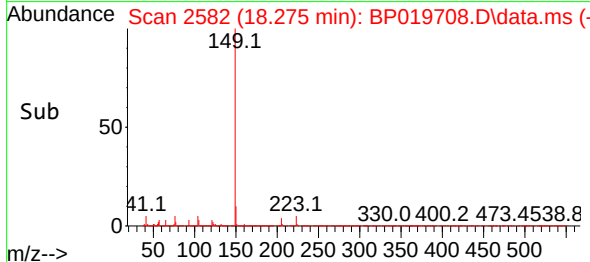
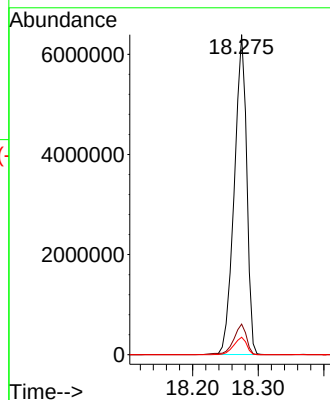
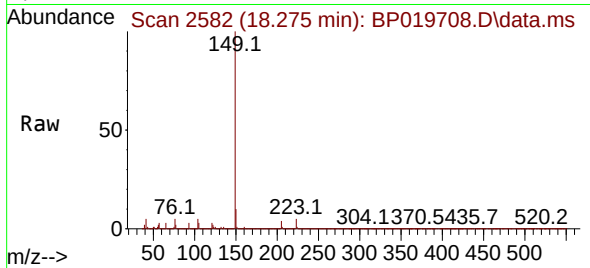
104 5.4 4.8 7.2

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019708.D

Acq: 14 Feb 2024 18:55

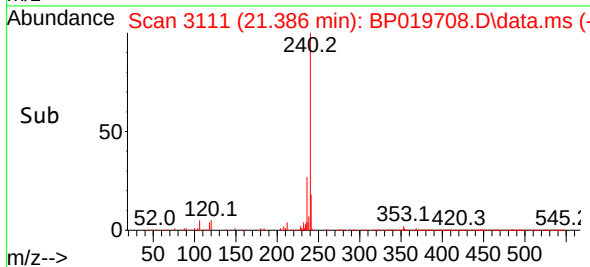
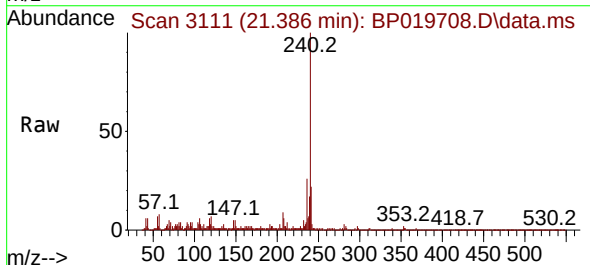
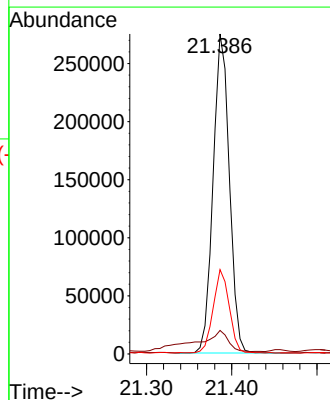
Tgt Ion:240 Resp: 364726

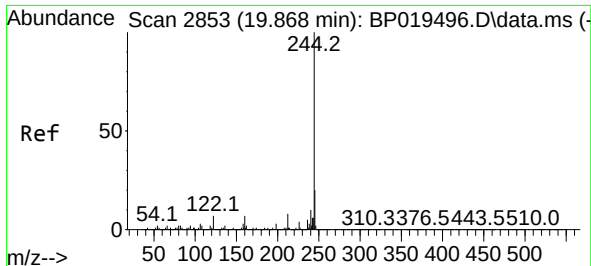
Ion Ratio Lower Upper

240 100

120 7.3 6.1 9.1

236 26.3 20.7 31.1





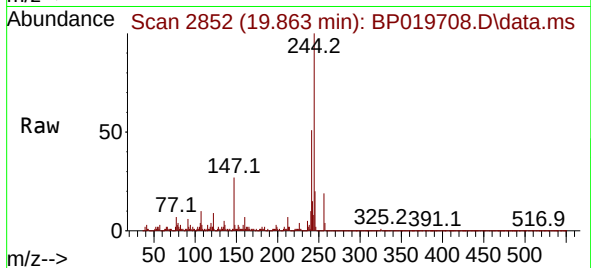
#79
 Terphenyl-d14
 Concen: 56.585 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019708.D
 Acq: 14 Feb 2024 18:55

Instrument :

BNA_P

ClientSampleId :

B-2(4-6)



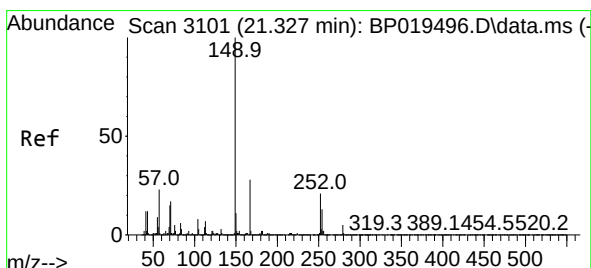
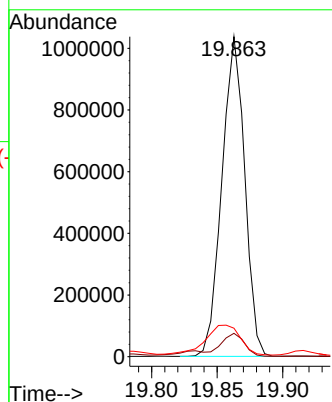
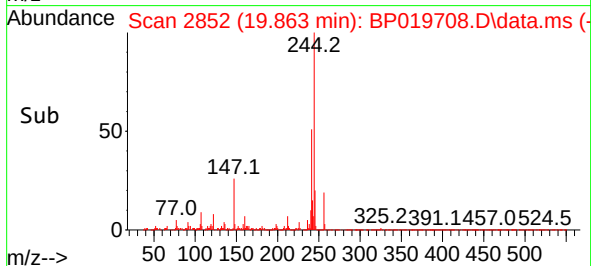
Tgt Ion:244 Resp: 125493
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.9 5.9 8.9

Manual Integrations

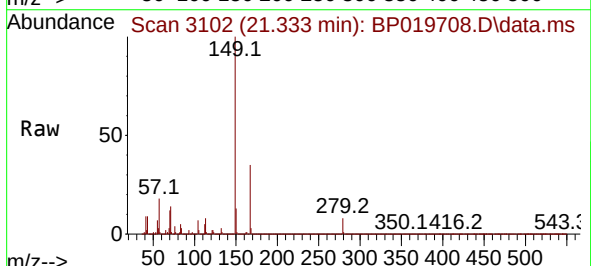
APPROVED

Reviewed By :Yogesh Patel 02/15/2024

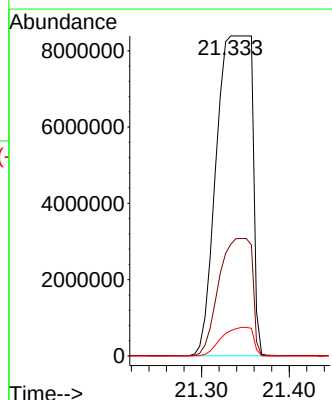
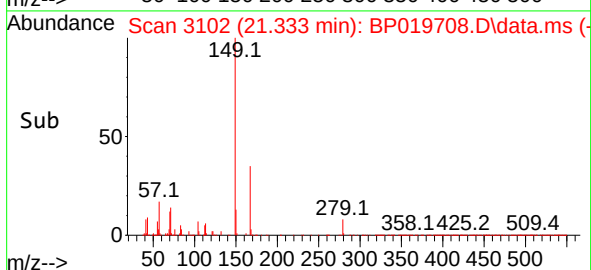
Supervised By :mohammad ahmed 02/15/2024

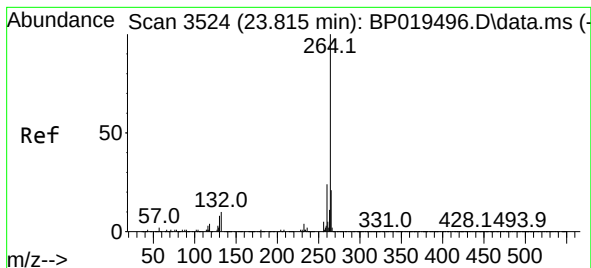


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1614.147 ng m
 RT: 21.333 min Scan# 3102
 Delta R.T. 0.006 min
 Lab File: BP019708.D
 Acq: 14 Feb 2024 18:55



Tgt Ion:149 Resp:23627665
 Ion Ratio Lower Upper
 149 100
 167 34.9 22.7 34.1#
 279 7.9 4.2 6.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP019708.D

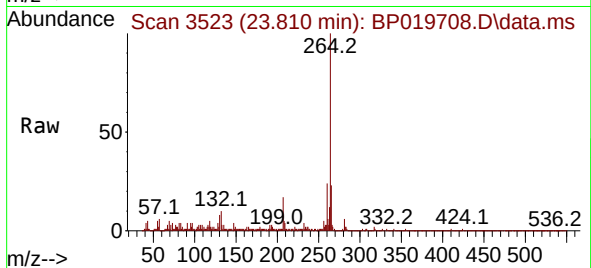
Acq: 14 Feb 2024 18:55

Instrument :

BNA_P

ClientSampleId :

B-2(4-6)



Tgt Ion:264 Resp: 434180

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.7 17.0 25.4

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024

