

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019709.D
 Acq On : 14 Feb 2024 19:28
 Operator : MA/JU
 Sample : P1395-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-2(6-8)

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 23:27:29 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	7.905	152	72474	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	260162	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	260368	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	305813	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	337184	20.000	ng	0.00
86) Perylene-d12	23.810	264	419687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	206683	45.969	ng	-0.01
7) Phenol-d6	7.081	99	279485	46.101	ng	0.00
23) Nitrobenzene-d5	9.075	82	189107	31.497	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	128337	33.759	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	413170	19.617	ng	-0.02
79) Terphenyl-d14	19.863	244	642470	31.335	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.258	93	15508	2.633	ng	# 61
10) Phenol	7.122	94	3010611	498.257	ng	99
12) 1,3-Dichlorobenzene	7.787	146	19897	3.523	ng	99
13) 1,4-Dichlorobenzene	7.940	146	269721	47.134	ng	100
14) 1,2-Dichlorobenzene	8.252	146	90473	16.340	ng	97
17) 2-Methylphenol	8.357	107	991718	243.790	ng	98
20) 3+4-Methylphenols	8.687	107	1466601	264.171	ng	92
27) 2,4-Dimethylphenol	9.893	122	912440	309.580	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	17153	3.140	ng	96
31) Naphthalene	10.751	128	293909	20.598	ng	99
37) 2-Methylnaphthalene	12.369	142	33105	3.353	ng	95
38) 1-Methylnaphthalene	12.587	142	32762m	3.376	ng	
46) 1,1'-Biphenyl	13.381	154	1788585	86.069	ng	99
70) Pentachlorophenol	16.939	266	41378	14.883	ng	96
72) Anthracene	17.445	178	36763m	2.290	ng	
74) Di-n-butylphthalate	18.269	149	2653355	150.461	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	10104806	746.706	ng	# 94

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

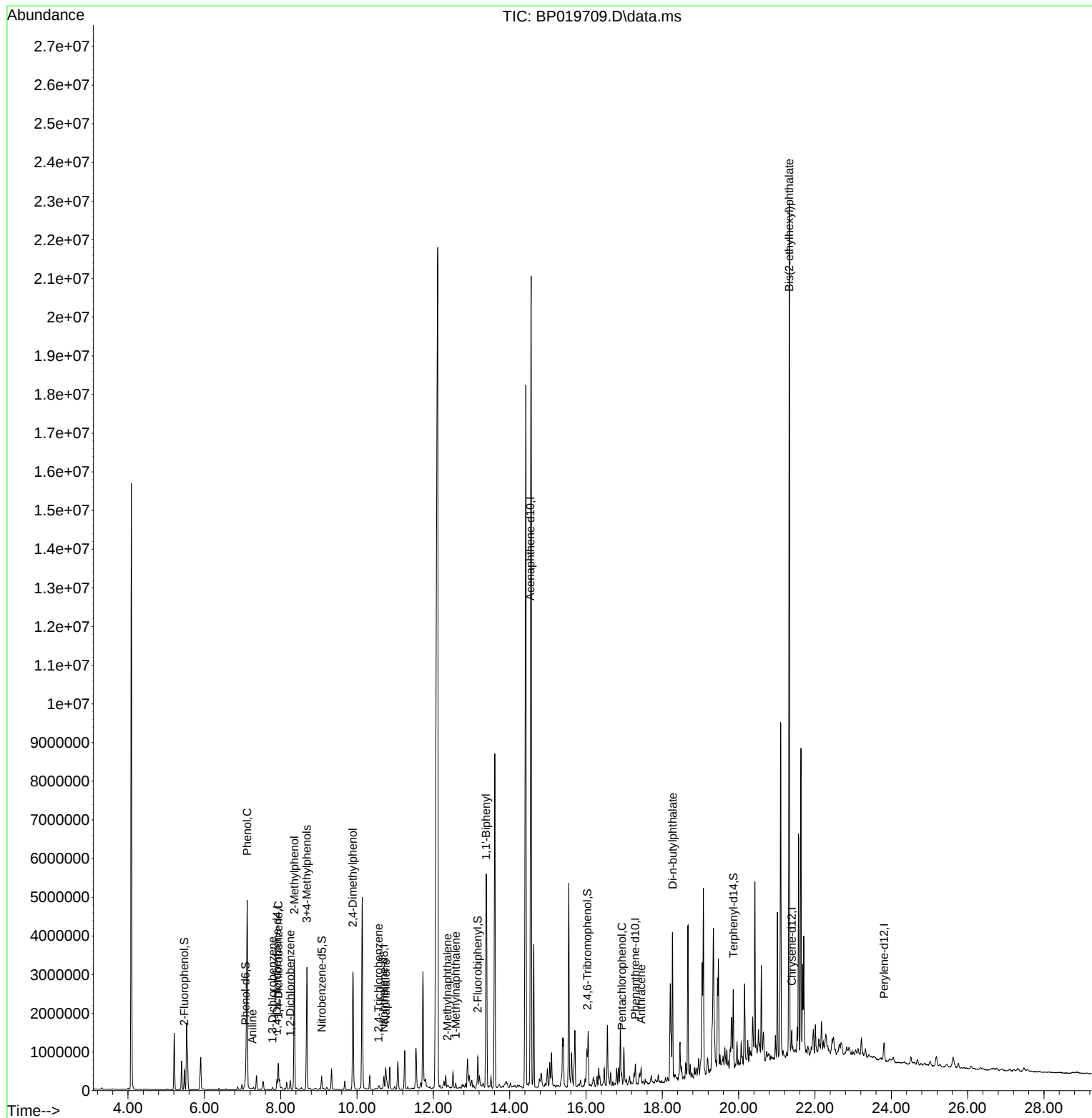
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
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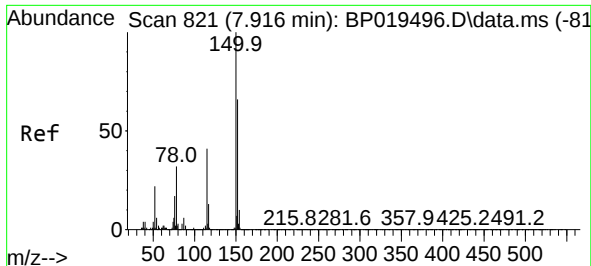
Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
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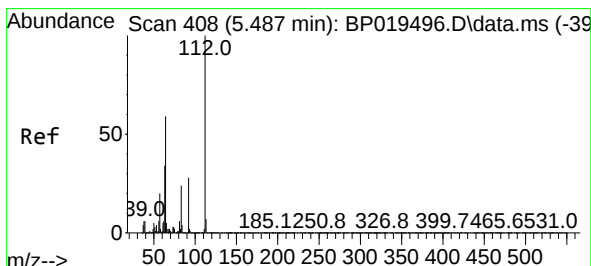
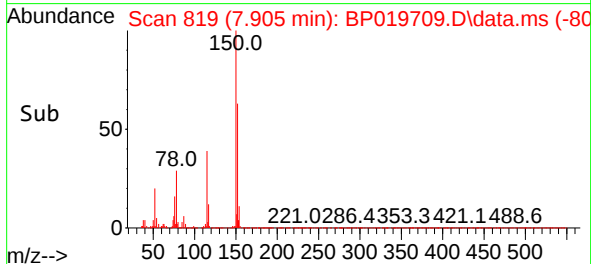
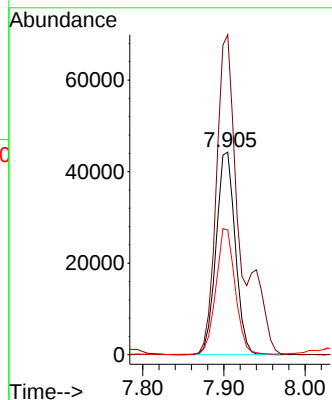
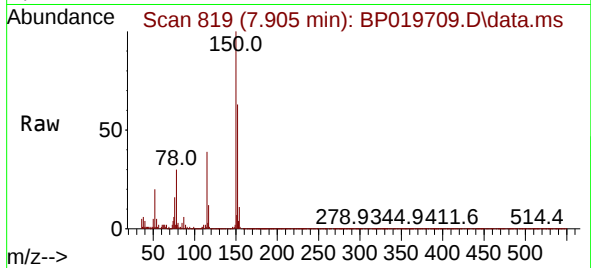
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

Tgt Ion:152 Resp: 72474
Ion Ratio Lower Upper
152 100
150 158.0 121.8 182.8
115 61.6 49.9 74.9

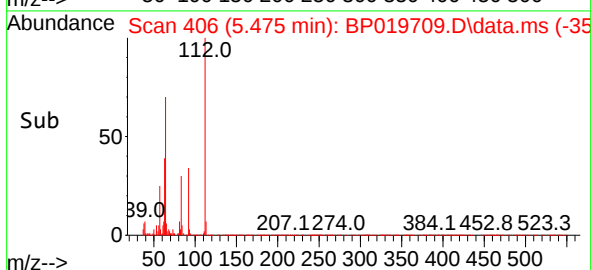
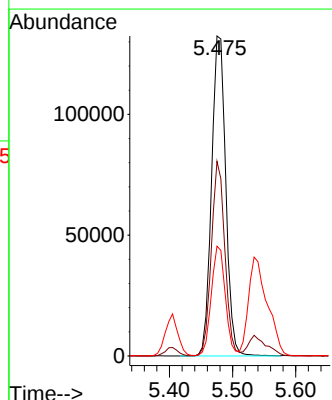
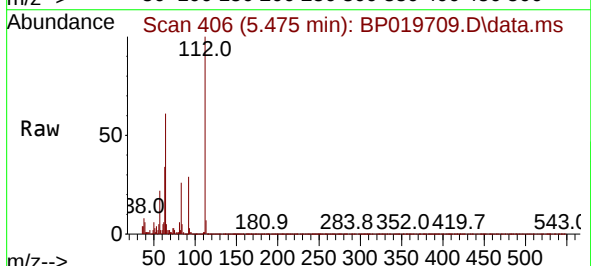
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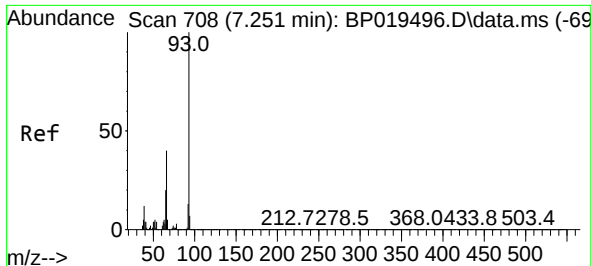
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#5
2-Fluorophenol
Concen: 45.969 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

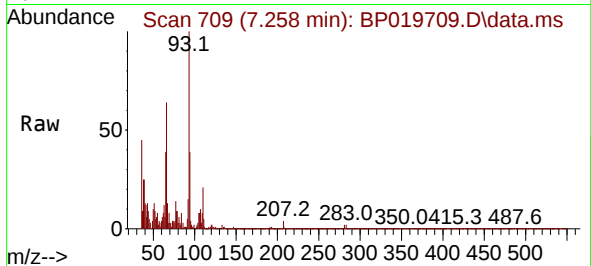
Tgt Ion:112 Resp: 206683
Ion Ratio Lower Upper
112 100
64 60.8 47.4 71.0
63 34.3 27.0 40.6





#6
Aniline
Concen: 2.633 ng
RT: 7.258 min Scan# 708
Delta R.T. 0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

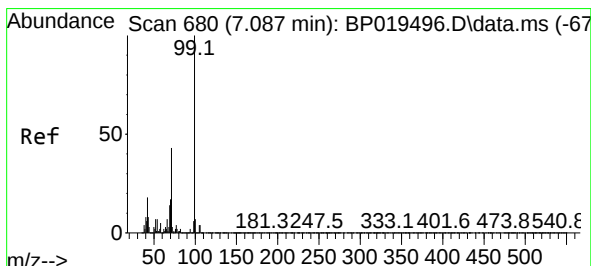
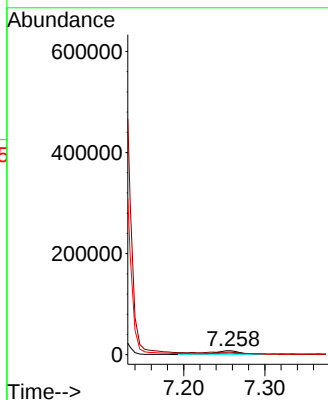
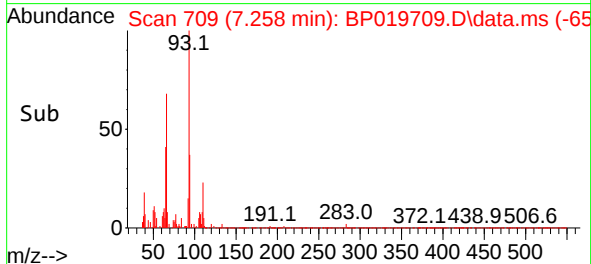
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)



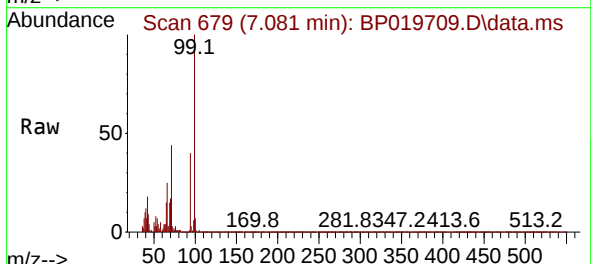
Tgt Ion: 93 Resp: 15508
Ion Ratio Lower Upper
93 100
66 64.1 32.3 48.5
65 39.1 16.4 24.6

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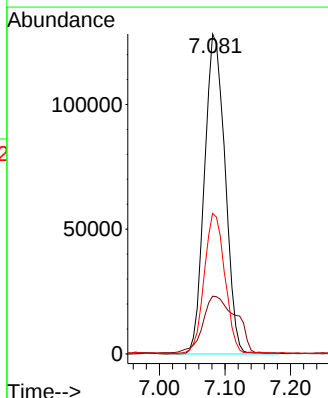
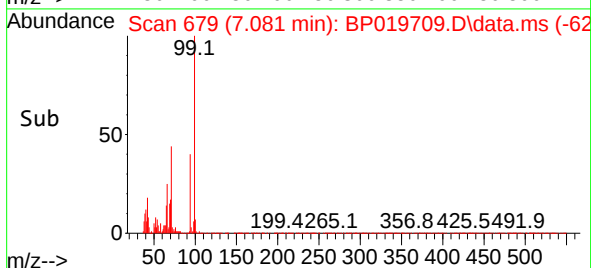
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

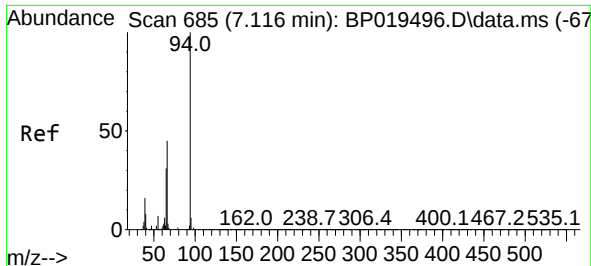


#7
Phenol-d6
Concen: 46.101 ng
RT: 7.081 min Scan# 679
Delta R.T. -0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28



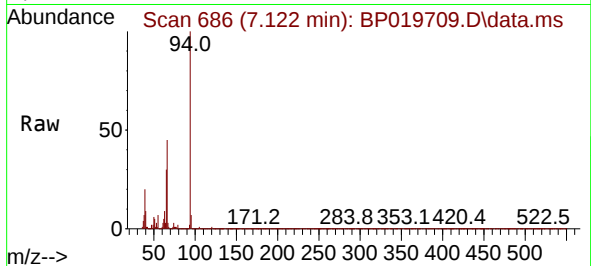
Tgt Ion: 99 Resp: 279485
Ion Ratio Lower Upper
99 100
42 18.1 14.7 22.1
71 43.9 34.8 52.2





#10
Phenol
Concen: 498.257 ng
RT: 7.122 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

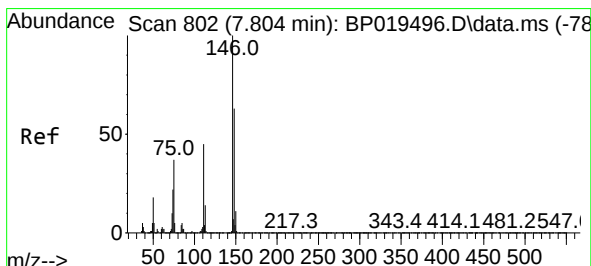
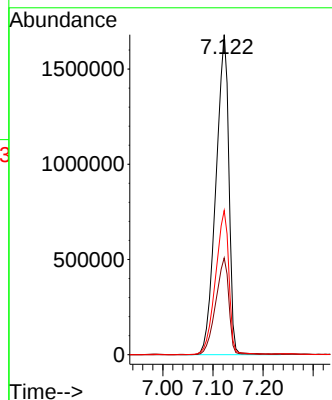
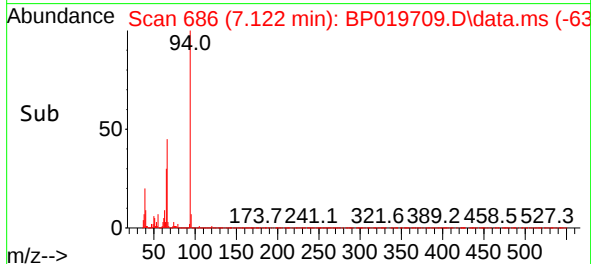
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)



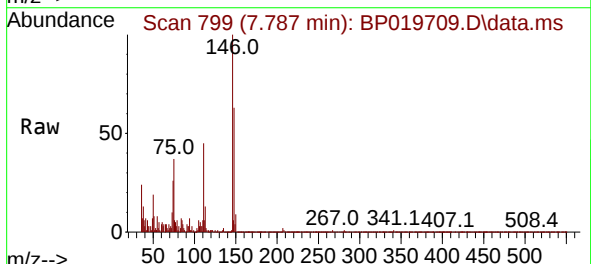
Tgt Ion: 94 Resp: 301061
Ion Ratio Lower Upper
94 100
65 30.2 11.3 51.3
66 45.1 25.1 65.1

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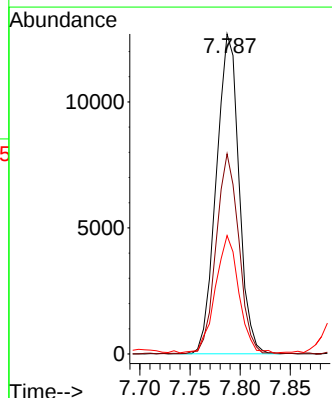
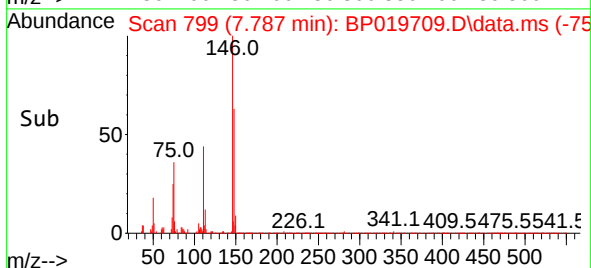
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

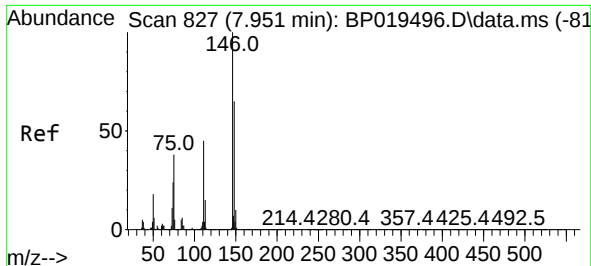


#12
1,3-Dichlorobenzene
Concen: 3.523 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.017 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28



Tgt Ion:146 Resp: 19897
Ion Ratio Lower Upper
146 100
148 62.6 50.4 75.6
75 37.0 29.9 44.9





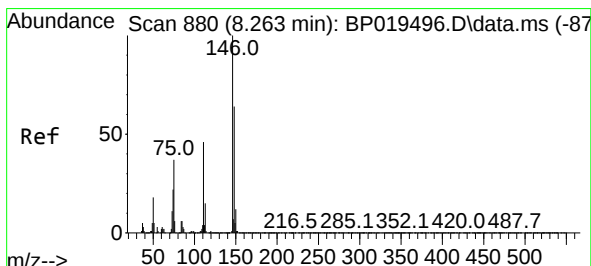
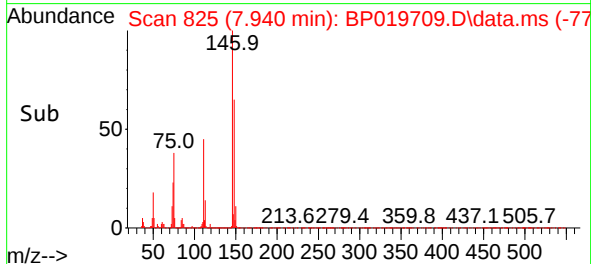
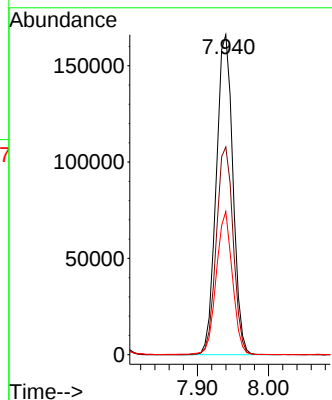
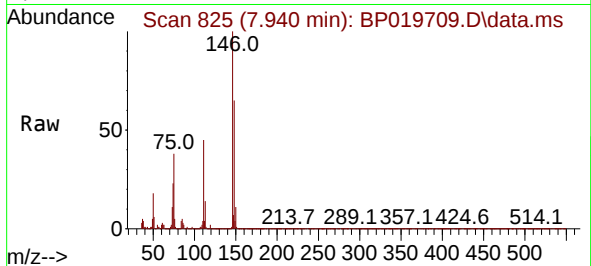
#13
1,4-Dichlorobenzene
Concen: 47.134 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

Tgt Ion:146 Resp: 26972
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
111 44.8 35.8 53.6

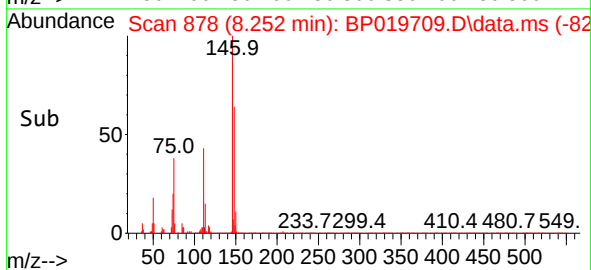
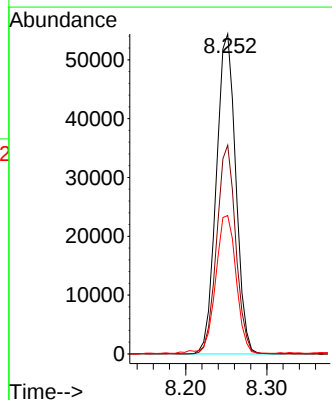
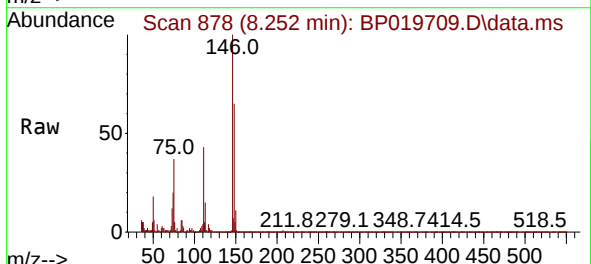
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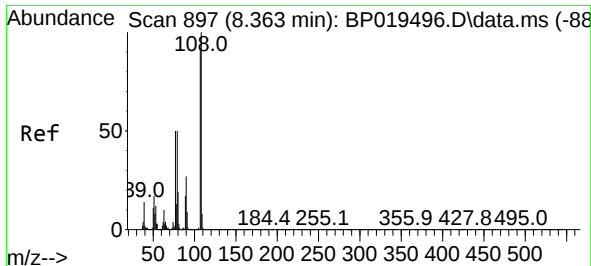
Reviewed By :Yogesh Patel 02/15/2024
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#14
1,2-Dichlorobenzene
Concen: 16.340 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.011 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

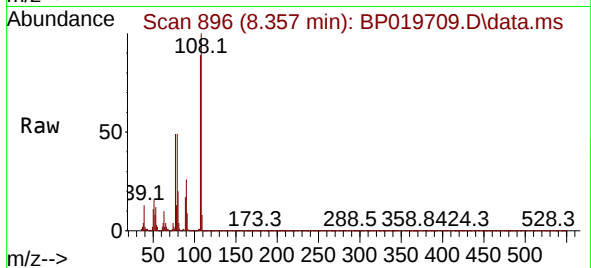
Tgt Ion:146 Resp: 90473
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
111 43.2 37.0 55.6





#17
2-Methylphenol
Concen: 243.790 ng
RT: 8.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

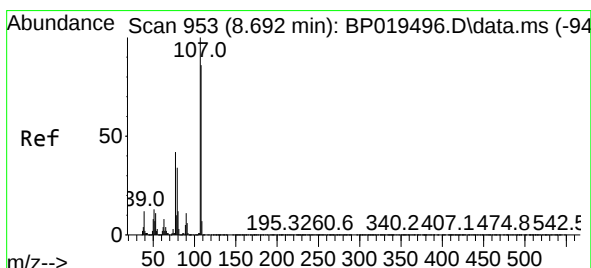
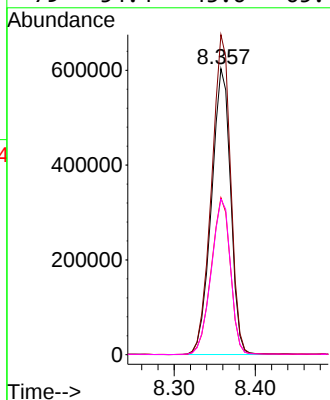
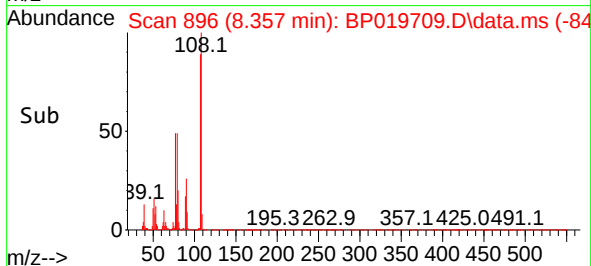
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)



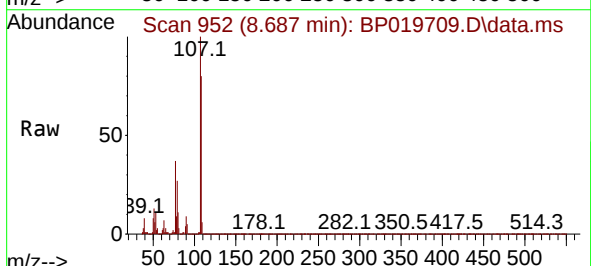
Tgt Ion:107 Resp: 991718
Ion Ratio Lower Upper
107 100
108 111.8 87.0 130.6
77 54.9 43.5 65.3
79 54.4 43.6 65.4

Manual Integrations
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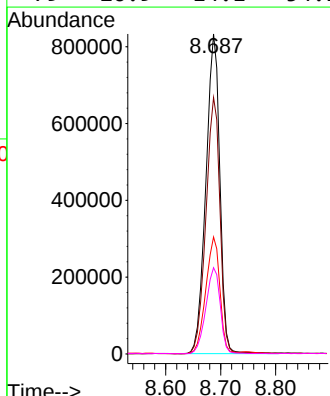
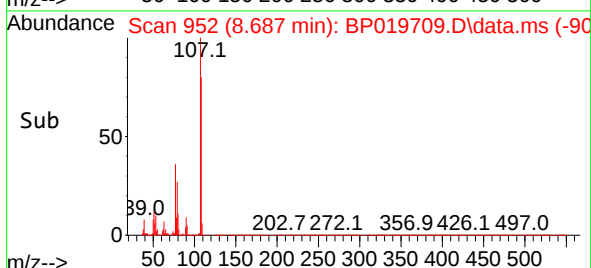
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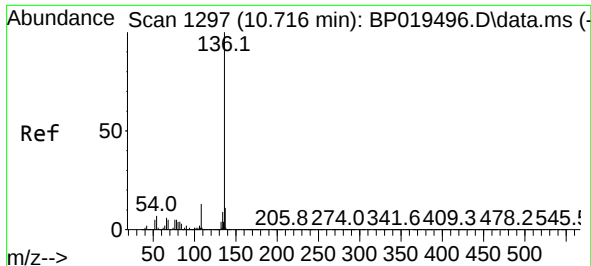


#20
3+4-Methylphenols
Concen: 264.171 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28



Tgt Ion:107 Resp: 1466601
Ion Ratio Lower Upper
107 100
108 80.2 65.5 105.5
77 36.5 21.8 61.8
79 26.9 14.1 54.1





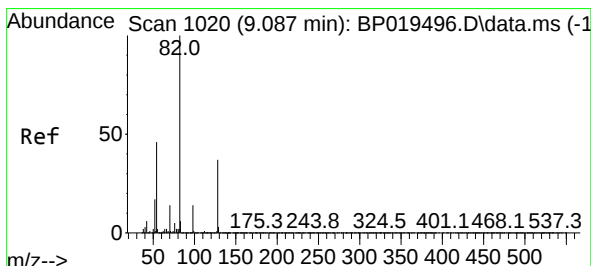
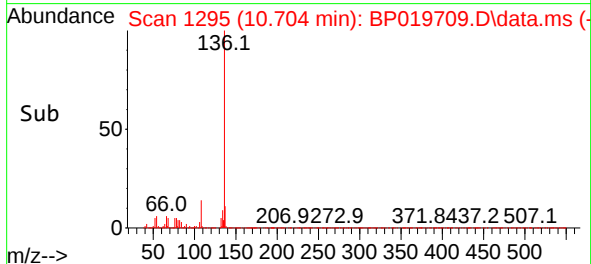
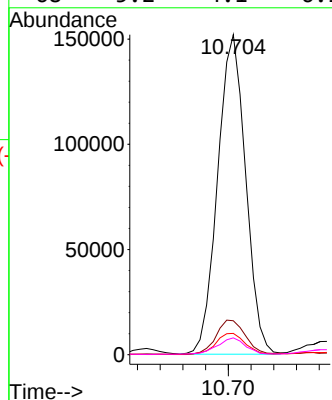
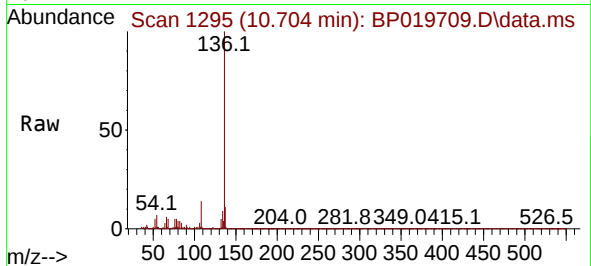
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

Tgt Ion:136	Resp: 260162
Ion Ratio	Lower Upper
136 100	
137 10.6	8.8 13.2
54 6.6	5.3 7.9
68 5.2	4.1 6.1

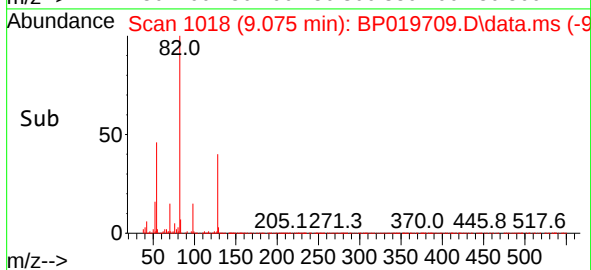
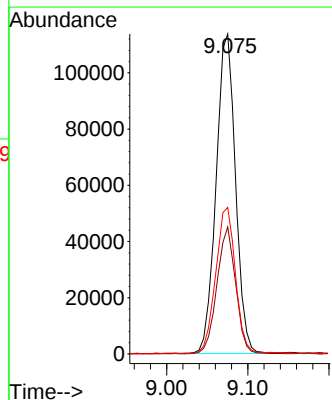
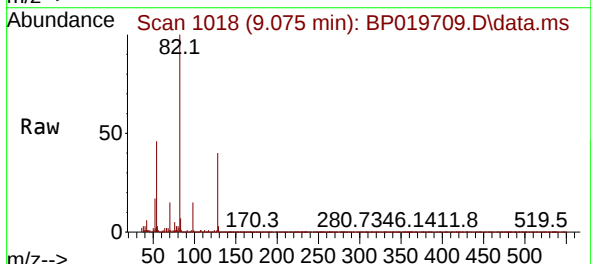
Manual Integrations
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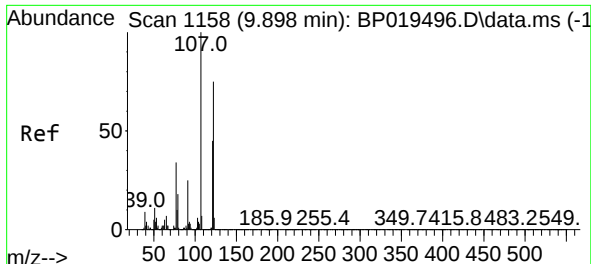
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#23
Nitrobenzene-d5
Concen: 31.497 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion: 82	Resp: 189107
Ion Ratio	Lower Upper
82 100	
128 39.7	29.7 44.5
54 45.8	36.8 55.2





#27

2,4-Dimethylphenol

Concen: 309.580 ng

RT: 9.893 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)

Tgt Ion:122 Resp: 912440

Ion Ratio Lower Upper

122 100

107 133.0 105.9 158.9

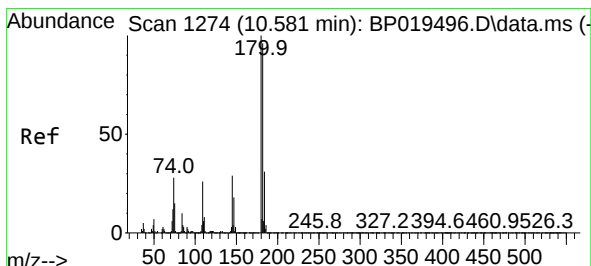
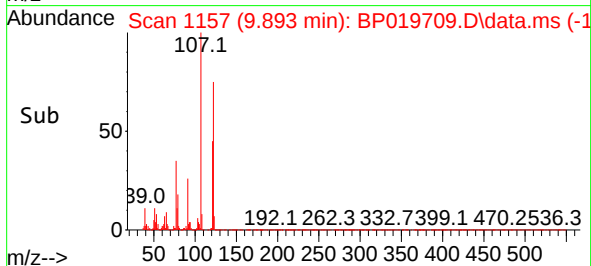
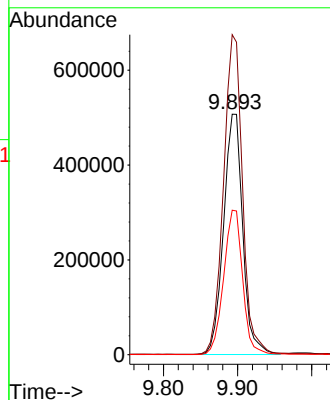
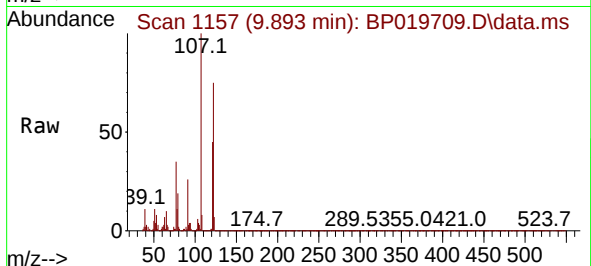
121 60.1 47.5 71.3

Manual Integrations

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#30

1,2,4-Trichlorobenzene

Concen: 3.140 ng

RT: 10.563 min Scan# 1271

Delta R.T. -0.017 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

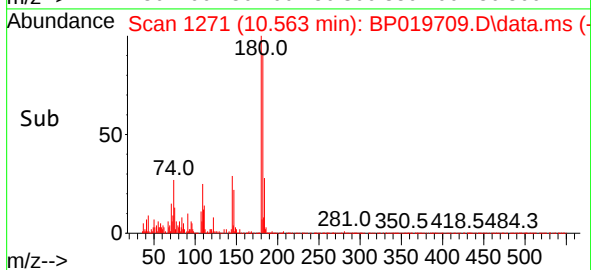
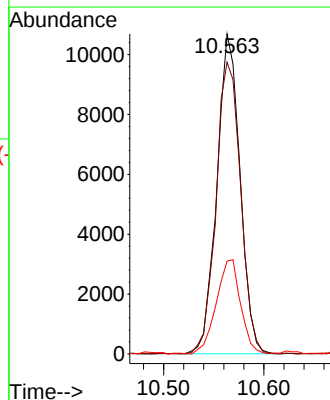
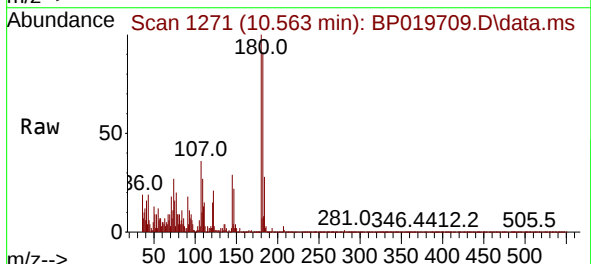
Tgt Ion:180 Resp: 17153

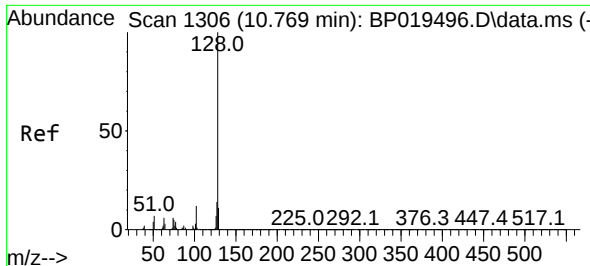
Ion Ratio Lower Upper

180 100

182 91.2 77.0 115.6

145 29.0 23.2 34.8





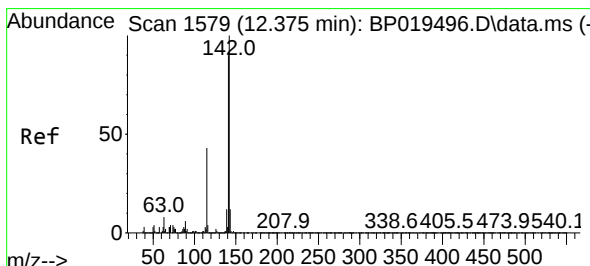
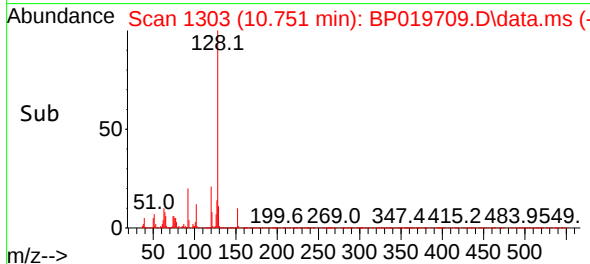
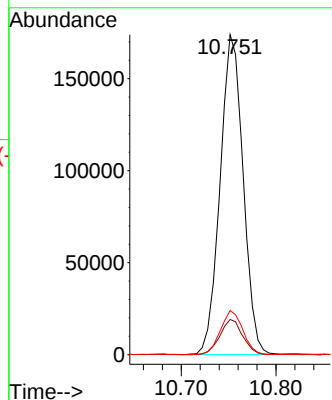
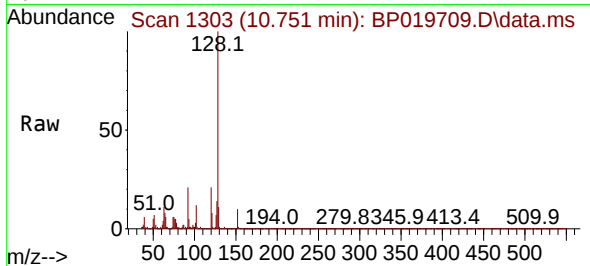
#31
Naphthalene
Concen: 20.598 ng
RT: 10.751 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

Tgt Ion:128 Resp: 293905
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.8 10.8 16.2

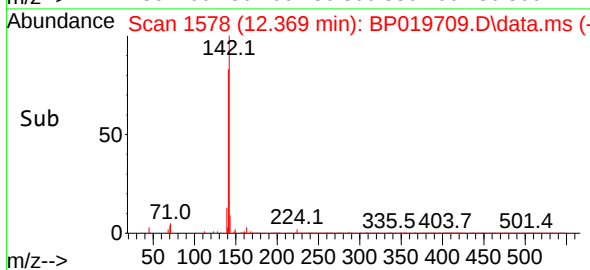
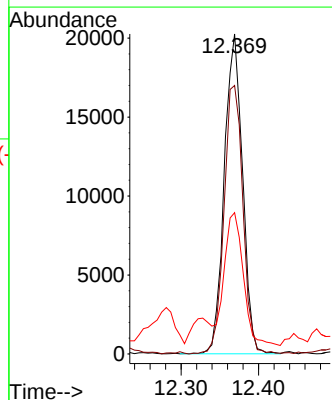
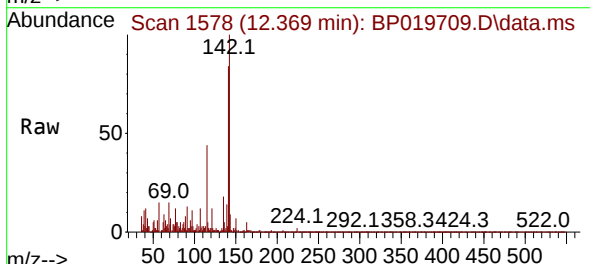
Manual Integrations
APPROVED

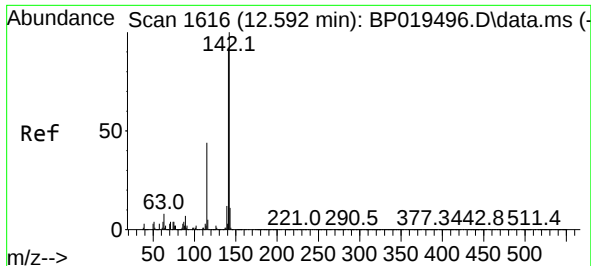
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#37
2-Methylnaphthalene
Concen: 3.353 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

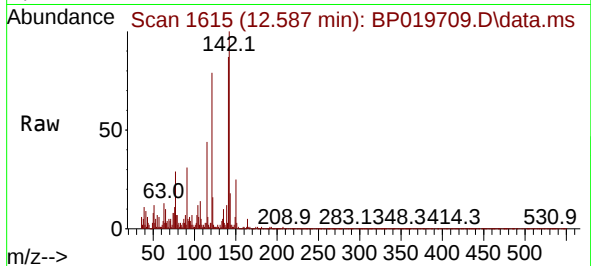
Tgt Ion:142 Resp: 33105
Ion Ratio Lower Upper
142 100
141 83.9 72.2 108.4
115 44.2 34.2 51.2





#38
1-Methylnaphthalene
Concen: 3.376 ng m
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

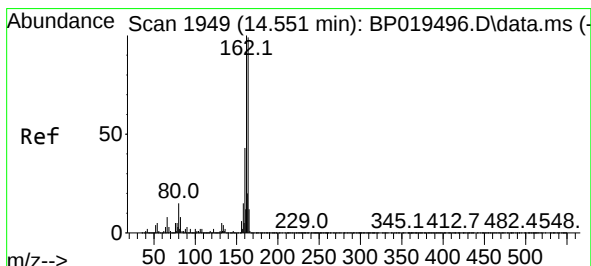
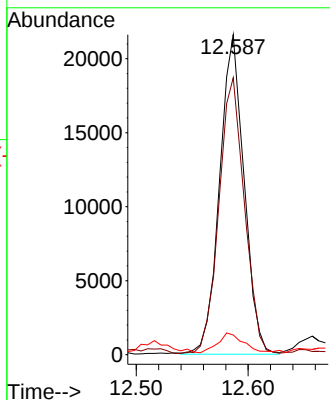
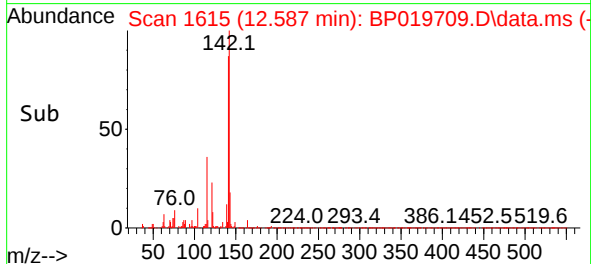
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)



Tgt Ion:142 Resp: 32762
Ion Ratio Lower Upper
142 100
141 86.6 74.0 111.0
116 6.2 3.7 5.5

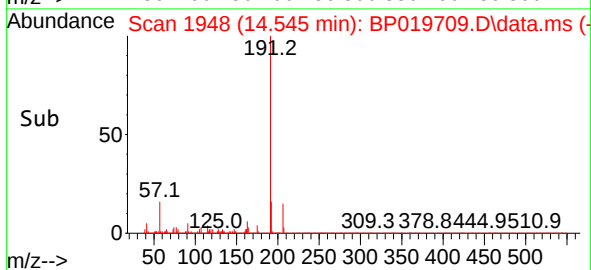
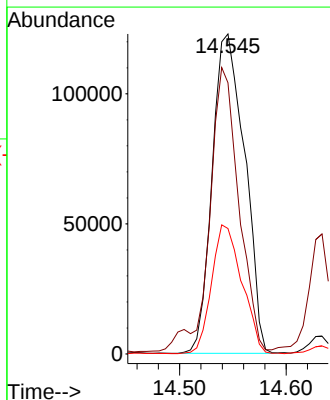
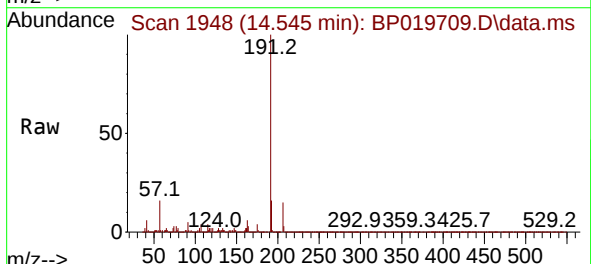
Manual Integrations
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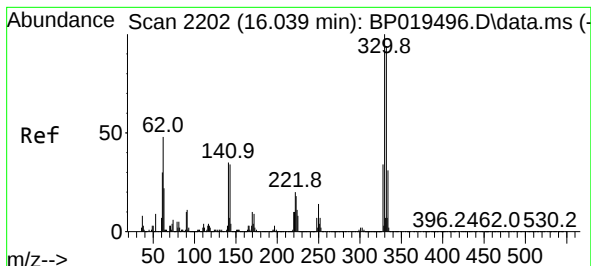
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion:164 Resp: 260368
Ion Ratio Lower Upper
164 100
162 84.8 81.2 121.8
160 39.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 33.759 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)

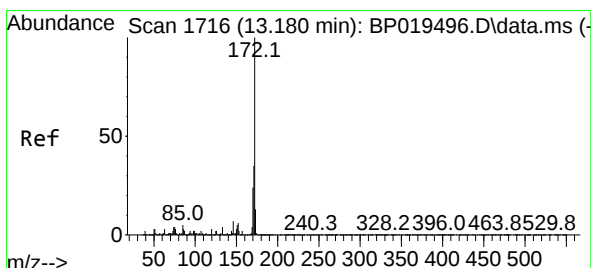
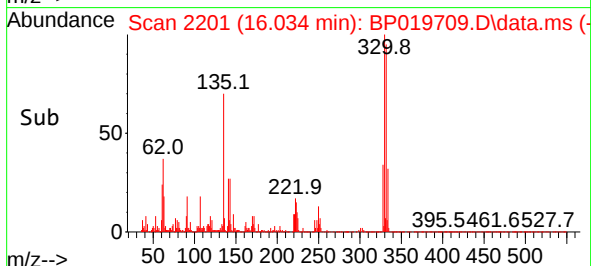
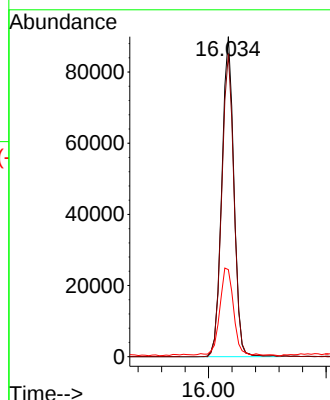
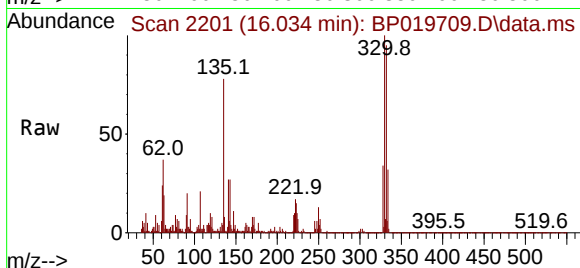
Tgt Ion:	330	Resp:	12833
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.2	115.8
141	30.5	27.0	40.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#45

2-Fluorobiphenyl

Concen: 19.617 ng

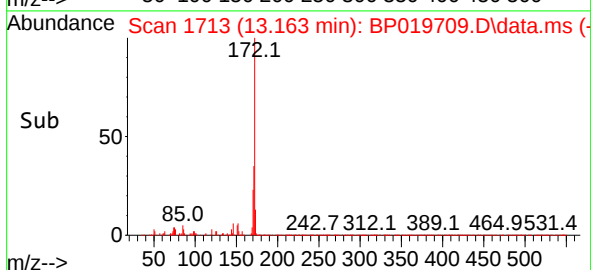
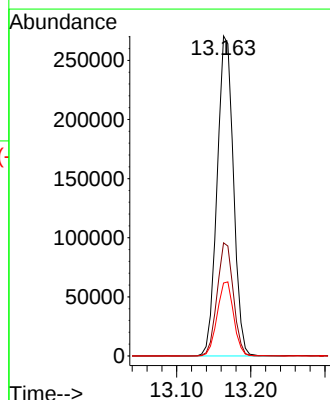
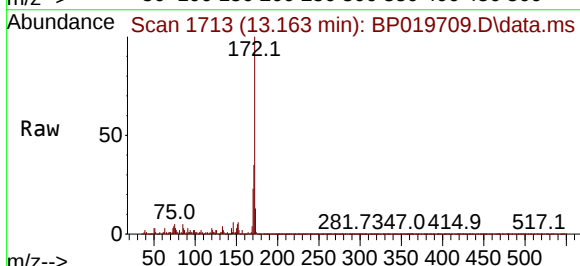
RT: 13.163 min Scan# 1713

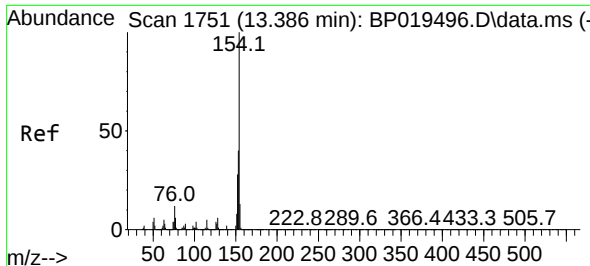
Delta R.T. -0.017 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

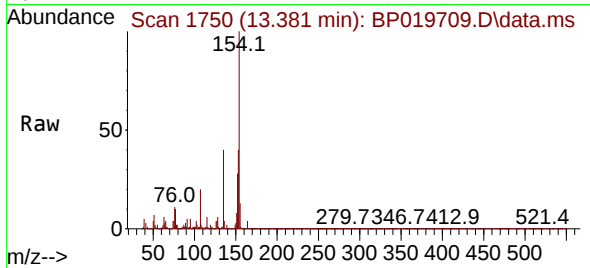
Tgt Ion:	172	Resp:	413170
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.2	42.4
170	22.8	18.9	28.3





#46
1,1'-Biphenyl
Concen: 86.069 ng
RT: 13.381 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

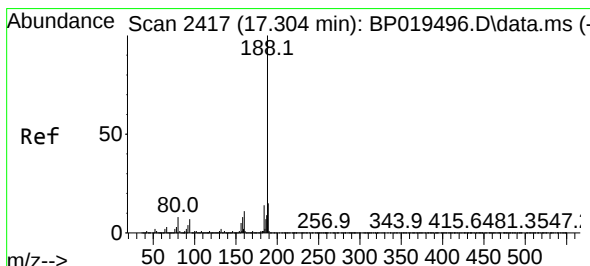
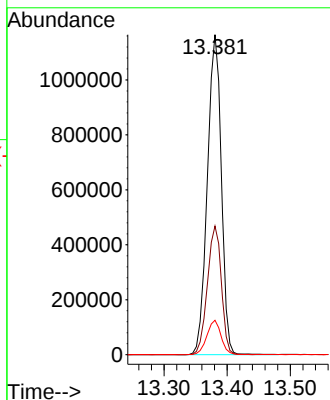
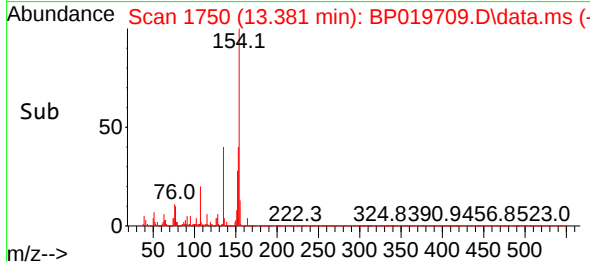
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)



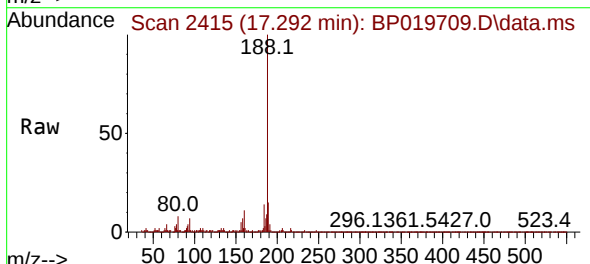
Tgt Ion:154 Resp: 178858
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 10.7 0.0 31.6

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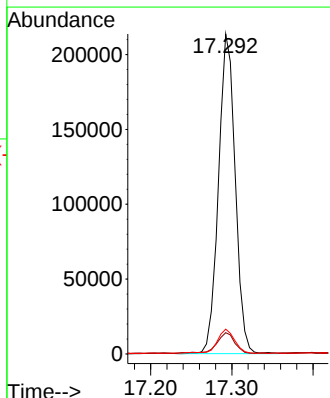
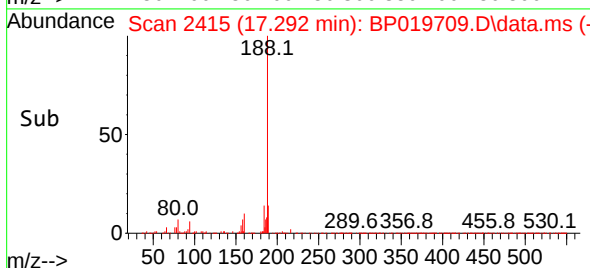
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

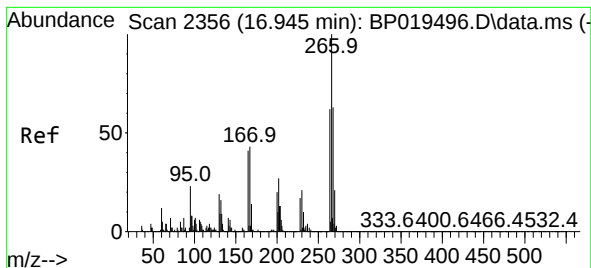


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28



Tgt Ion:188 Resp: 305813
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.2
80 7.8 6.3 9.5





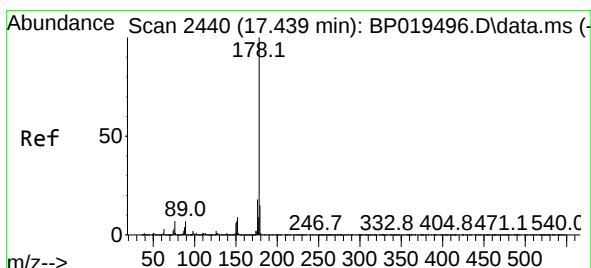
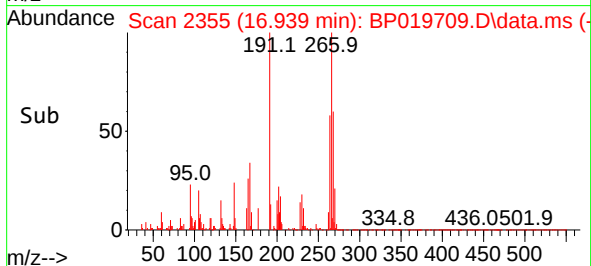
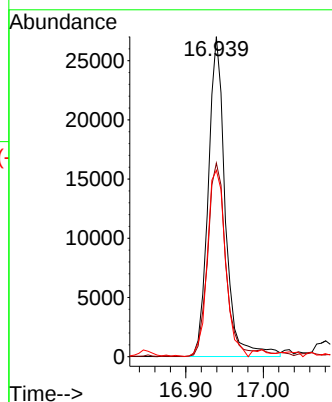
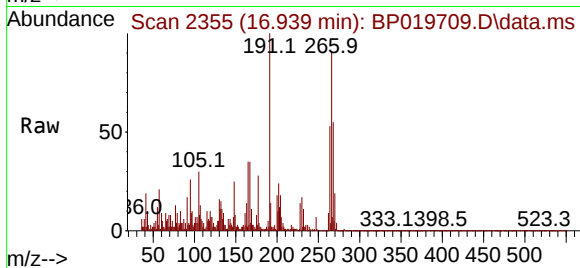
#70
Pentachlorophenol
Concen: 14.883 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Instrument :
BNA_P
ClientSampleId :
B-2(6-8)

Tgt Ion:266 Resp: 41378
Ion Ratio Lower Upper
266 100
268 60.5 50.3 75.5
264 58.2 49.7 74.5

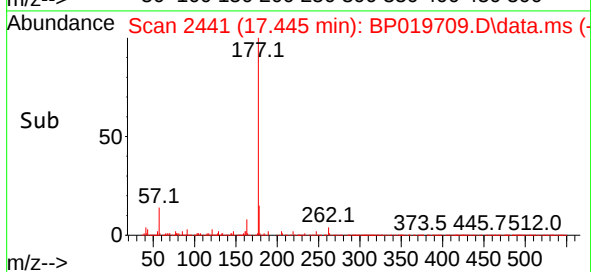
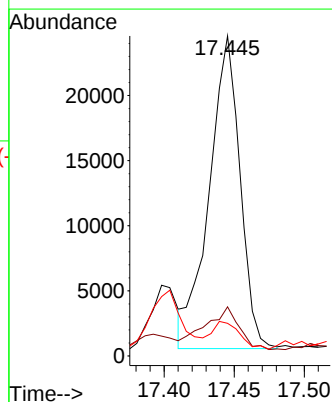
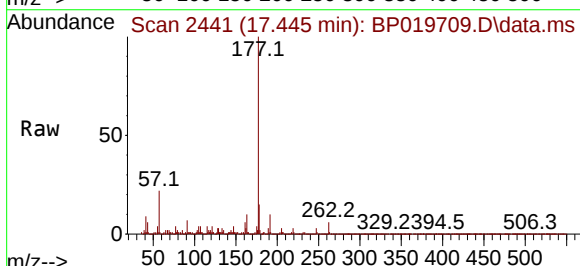
Manual Integrations
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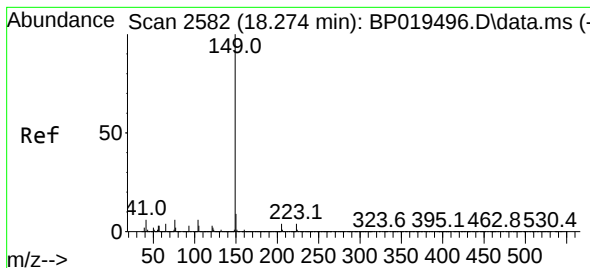
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#72
Anthracene
Concen: 2.290 ng m
RT: 17.445 min Scan# 2441
Delta R.T. 0.006 min
Lab File: BP019709.D
Acq: 14 Feb 2024 19:28

Tgt Ion:178 Resp: 36763
Ion Ratio Lower Upper
178 100
176 15.3 14.7 22.1
179 10.2 12.2 18.2#





#74

Di-n-butylphthalate

Concen: 150.461 ng

RT: 18.269 min Scan# 2582

Delta R.T. -0.006 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)

Tgt Ion:149 Resp: 265335

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

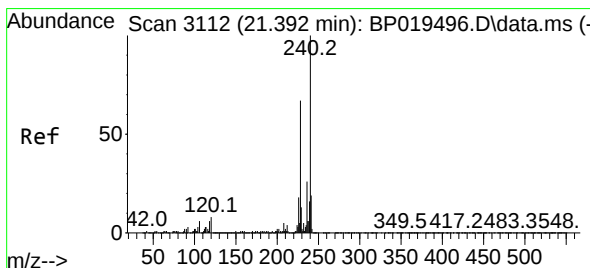
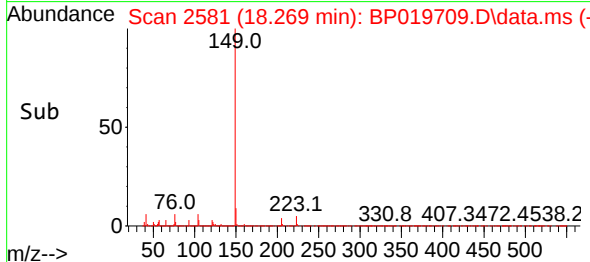
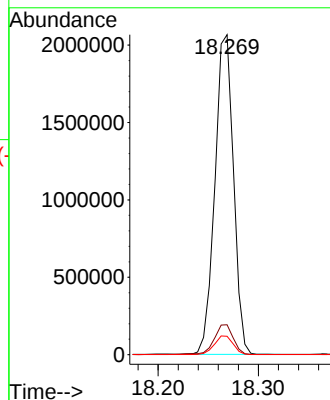
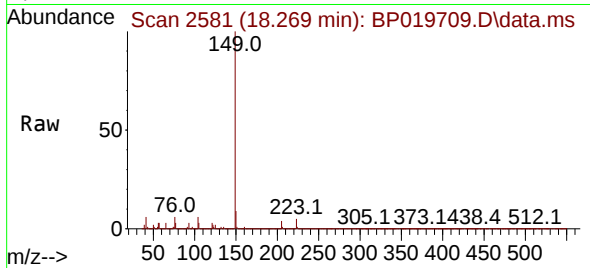
104 5.7 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

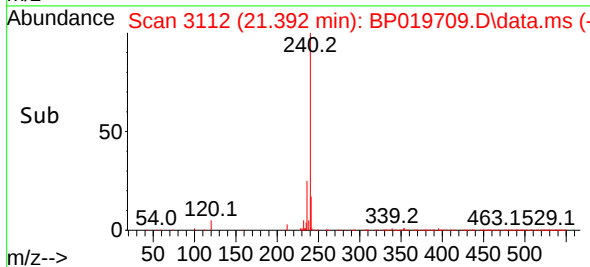
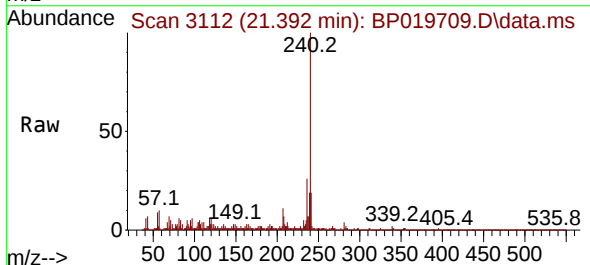
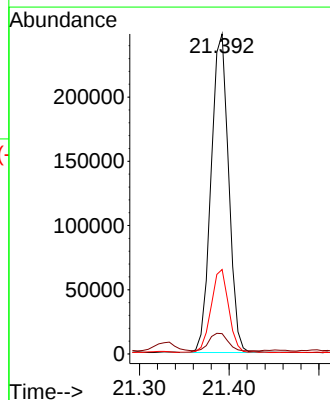
Tgt Ion:240 Resp: 337184

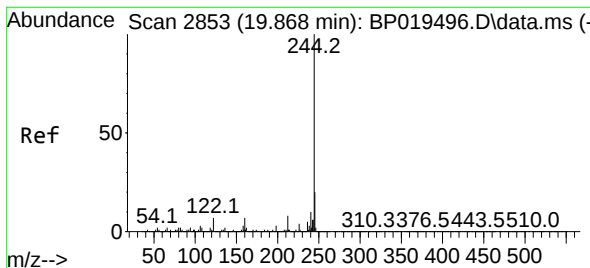
Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

236 26.4 20.7 31.1





#79

Terphenyl-d14

Concen: 31.335 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)

Tgt Ion:244 Resp: 642470

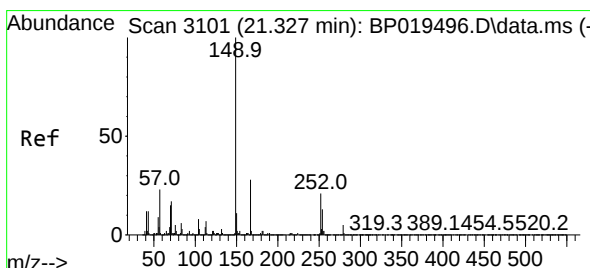
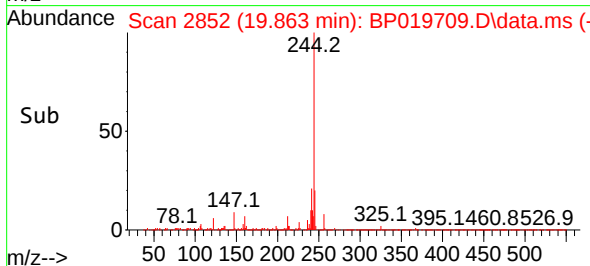
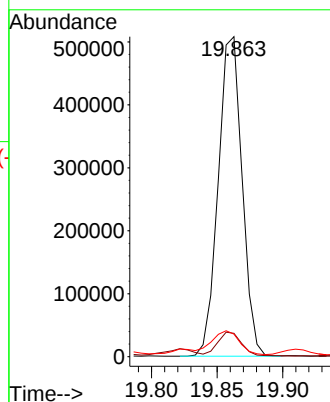
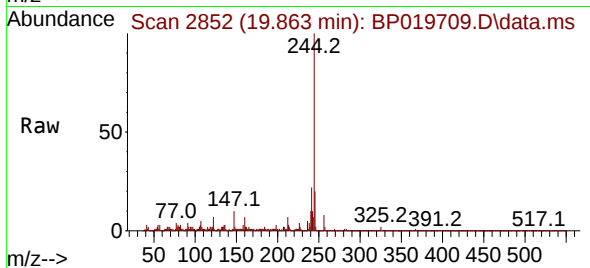
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	7.0	5.9	8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 746.706 ng

RT: 21.327 min Scan# 3101

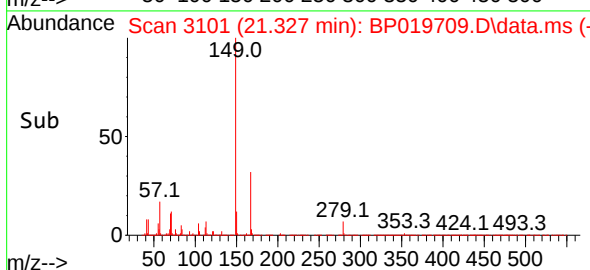
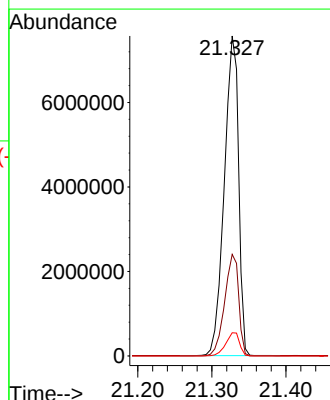
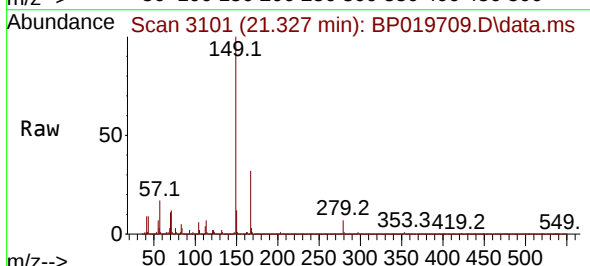
Delta R.T. 0.000 min

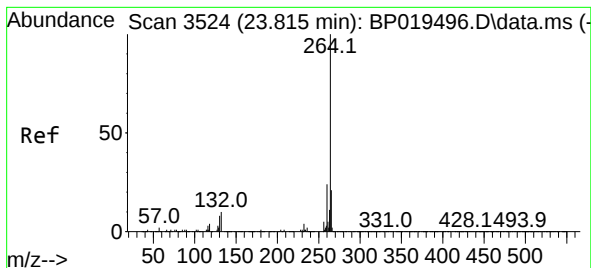
Lab File: BP019709.D

Acq: 14 Feb 2024 19:28

Tgt Ion:149 Resp:10104806

Ion	Ratio	Lower	Upper
149	100		
167	31.8	22.7	34.1
279	7.2	4.2	6.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019709.D

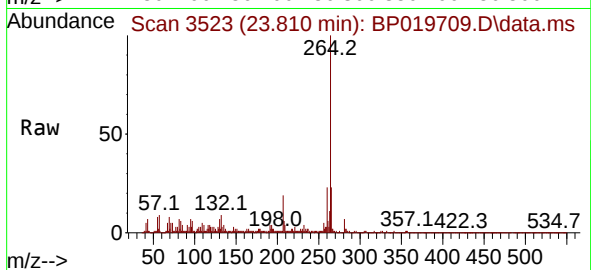
Acq: 14 Feb 2024 19:28

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)



Tgt Ion:264 Resp: 41968

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 22.7 17.0 25.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024

