

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019742.D
 Acq On : 16 Feb 2024 13:24
 Operator : MA/JU
 Sample : PB158970BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158970BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/19/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 16 13:51:47 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	7.904	152	71684	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	248822	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	151608	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	329252	20.000	ng	0.00
76) Chrysene-d12	21.392	240	302153	20.000	ng	0.00
86) Perylene-d12	23.815	264	359995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	536038	120.536	ng	0.00
7) Phenol-d6	7.081	99	660830	110.206	ng	0.00
23) Nitrobenzene-d5	9.075	82	455756	79.368	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	325519	147.055	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	995630	81.185	ng	-0.01
79) Terphenyl-d14	19.862	244	1617615	88.043	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	56814	33.159	ng	98
3) Pyridine	3.781	79	148478	31.964	ng	99
4) n-Nitrosodimethylamine	3.699	42	80946	40.025	ng	98
6) Aniline	7.234	93	137996	23.684	ng	99
8) 2-Chlorophenol	7.469	128	189717	41.552	ng	96
9) Benzaldehyde	7.051	77	10841m	2.579	ng	
10) Phenol	7.104	94	236011	39.490	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	181058	38.940	ng	98
12) 1,3-Dichlorobenzene	7.787	146	230024	41.173	ng	99
13) 1,4-Dichlorobenzene	7.940	146	232771	41.125	ng	98
14) 1,2-Dichlorobenzene	8.251	146	218265	39.855	ng	99
15) Benzyl Alcohol	8.151	79	187277m	39.088	ng	
16) 2,2'-oxybis(1-Chloropr...	8.428	45	176923	38.052	ng	98
17) 2-Methylphenol	8.351	107	157945	39.255	ng	99
18) Hexachloroethane	8.969	117	87226	39.758	ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	147266	35.956	ng	99
20) 3+4-Methylphenols	8.687	107	204750	37.287	ng	96
22) Acetophenone	8.734	105	293254	41.370	ng	# 98
24) Nitrobenzene	9.116	77	229671	39.724	ng	98
25) Isophorone	9.645	82	392774	39.275	ng	99
26) 2-Nitrophenol	9.822	139	101994	46.266	ng	98
27) 2,4-Dimethylphenol	9.886	122	133114	47.222	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	222699	39.359	ng	100
29) 2,4-Dichlorophenol	10.357	162	183034	42.954	ng	96
30) 1,2,4-Trichlorobenzene	10.569	180	224398	42.949	ng	100
31) Naphthalene	10.757	128	563386	41.283	ng	100
32) Benzoic acid	10.034	122	118522	43.155	ng	96
33) 4-Chloroaniline	10.881	127	49913	9.890	ng	96
34) Hexachlorobutadiene	11.022	225	168402	43.496	ng	98
35) Caprolactam	11.681	113	52107	43.195	ng	96
36) 4-Chloro-3-methylphenol	12.004	107	190558	41.013	ng	98
37) 2-Methylnaphthalene	12.363	142	383053	40.559	ng	98
38) 1-Methylnaphthalene	12.586	142	360457	38.838	ng	100
40) 1,2,4,5-Tetrachloroben...	12.727	216	269885	46.158	ng	99
41) Hexachlorocyclopentadiene	12.692	237	348299	131.863	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	160448	45.318	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	171255	44.050	ng	95
46) 1,1'-Biphenyl	13.375	154	504770	41.715	ng	100
47) 2-Chloronaphthalene	13.416	162	406289	40.903	ng	100
48) 2-Nitroaniline	13.633	65	119845	43.149	ng	97
49) Acenaphthylene	14.263	152	636876	45.701	ng	100
50) Dimethylphthalate	14.010	163	489112	42.143	ng	98
51) 2,6-Dinitrotoluene	14.133	165	109663	43.006	ng	94
52) Acenaphthene	14.604	154	353686	40.893	ng	100
53) 3-Nitroaniline	14.463	138	69338	29.589	ng	97
54) 2,4-Dinitrophenol	14.674	184	142036	107.282	ng	96
55) Dibenzofuran	14.939	168	606472	43.052	ng	99
56) 4-Nitrophenol	14.774	139	172800	89.966	ng	96
57) 2,4-Dinitrotoluene	14.922	165	153544	45.950	ng	98
58) Fluorene	15.592	166	484274	43.162	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	158950	48.607	ng	96
60) Diethylphthalate	15.374	149	478001	41.407	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	269511	42.738	ng	96
62) 4-Nitroaniline	15.627	138	103586	42.171	ng	98
63) Azobenzene	15.886	77	440587	39.468	ng	96
65) 4,6-Dinitro-2-methylph...	15.686	198	95386	50.807	ng	92
66) n-Nitrosodiphenylamine	15.810	169	416423	42.230	ng	98
67) 4-Bromophenyl-phenylether	16.486	248	178957	43.478	ng	97
68) Hexachlorobenzene	16.586	284	209786	43.645	ng	97
69) Atrazine	16.774	200	157300	48.073	ng	97
70) Pentachlorophenol	16.945	266	283415	94.683	ng	99
71) Phenanthrene	17.339	178	755957	43.628	ng	99
72) Anthracene	17.433	178	770500	44.576	ng	100
73) Carbazole	17.710	167	679607	43.280	ng	99
74) Di-n-butylphthalate	18.262	149	777463	40.948	ng	100
75) Fluoranthene	19.310	202	929972	43.934	ng	98
77) Benzidine	19.498	184	273880	43.356	ng	99
78) Pyrene	19.662	202	946589	44.389	ng	99
80) Butylbenzylphthalate	20.545	149	338600	42.519	ng	99
81) Benzo(a)anthracene	21.374	228	932254	43.831	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	289380	37.337	ng	99
83) Chrysene	21.427	228	869562	43.062	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	449806	37.093	ng	99
85) Di-n-octyl phthalate	22.256	149	764058	35.811	ng	99
87) Indeno(1,2,3-cd)pyrene	26.362	276	1320653	47.926	ng	97
88) Benzo(b)fluoranthene	23.074	252	954574	42.072	ng	99
89) Benzo(k)fluoranthene	23.127	252	955573	44.090	ng	99
90) Benzo(a)pyrene	23.709	252	909813	45.067	ng	98
91) Dibenzo(a,h)anthracene	26.380	278	1087080	47.965	ng	96
92) Benzo(g,h,i)perylene	27.133	276	1055457	45.904	ng	97

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

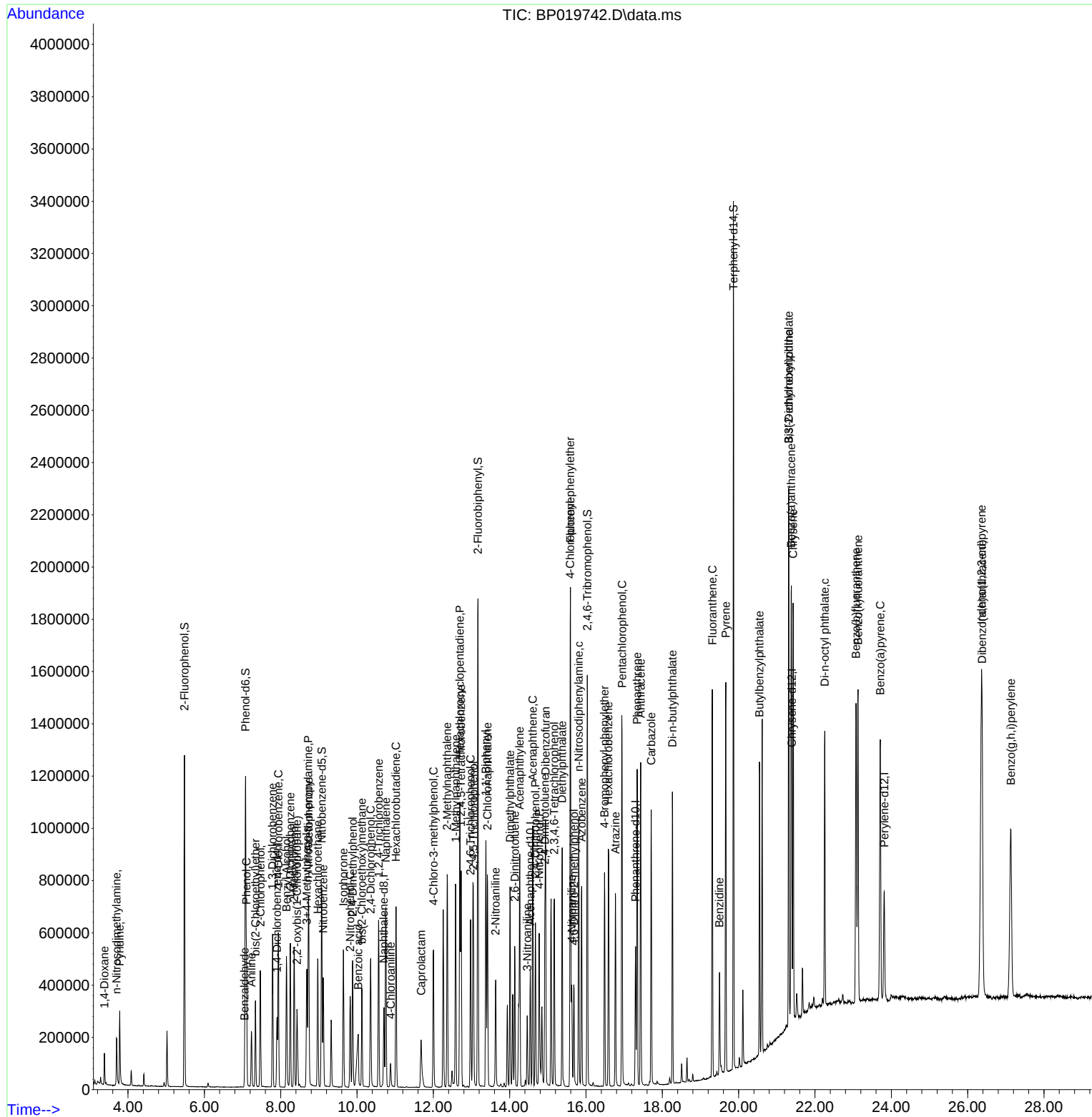
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
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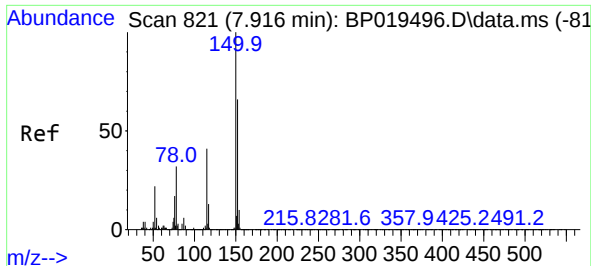
Instrument :
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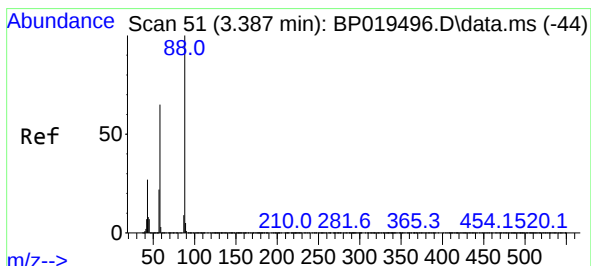
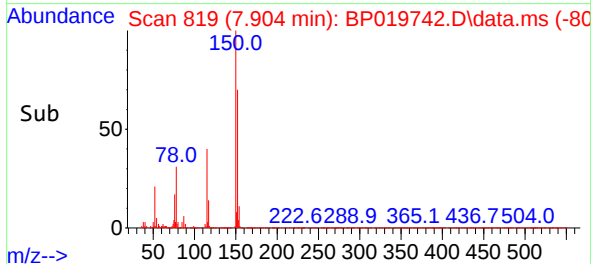
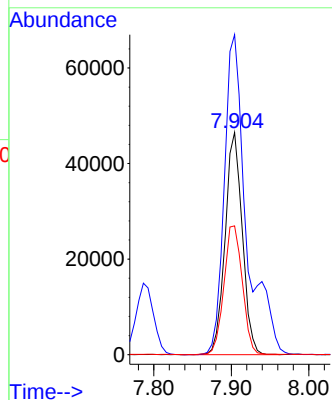
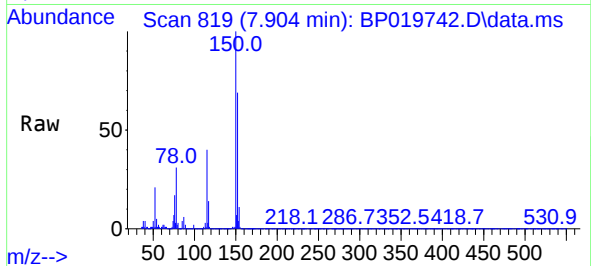
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :
BNA_P
ClientSampleId :
PB158970BSD

Tgt Ion:152 Resp: 71684
Ion Ratio Lower Upper
152 100
150 144.0 121.8 182.8
115 58.0 49.9 74.9

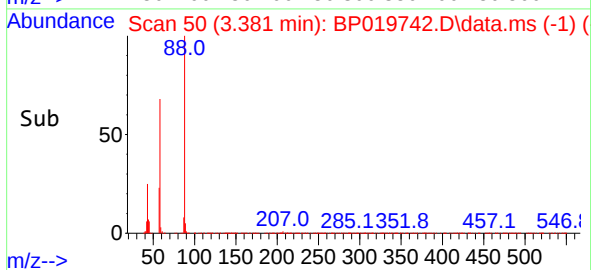
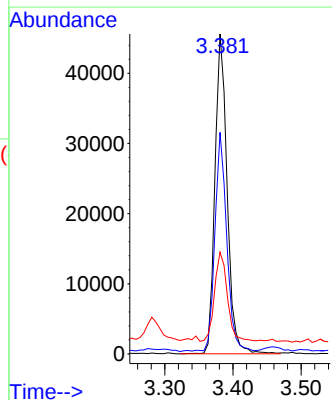
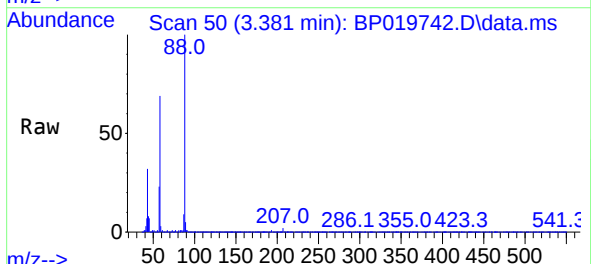
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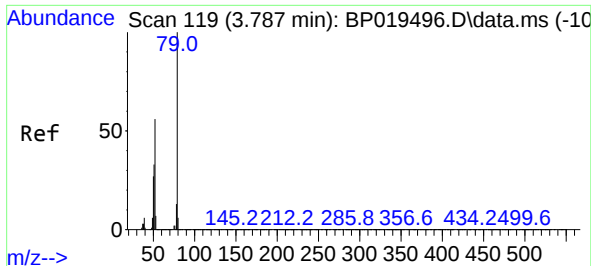
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#2
1,4-Dioxane
Concen: 33.159 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

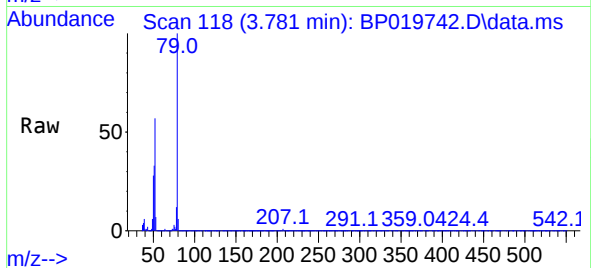
Tgt Ion: 88 Resp: 56814
Ion Ratio Lower Upper
88 100
58 66.8 52.6 78.8
43 29.2 21.9 32.9





#3
Pyridine
Concen: 31.964 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

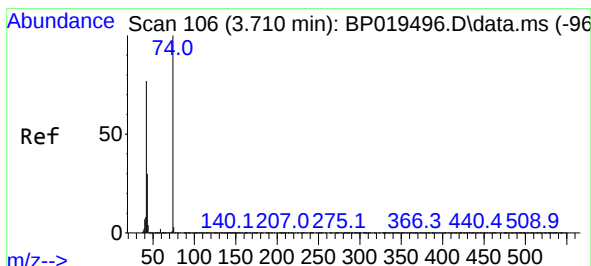
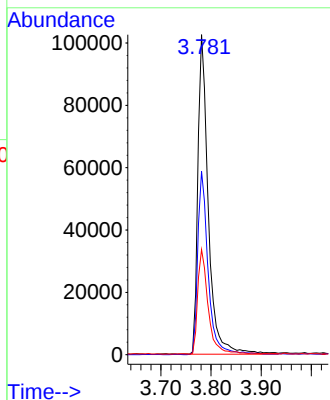
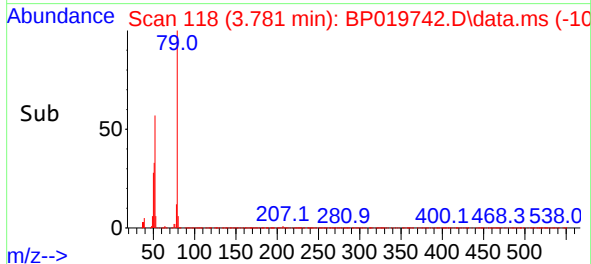
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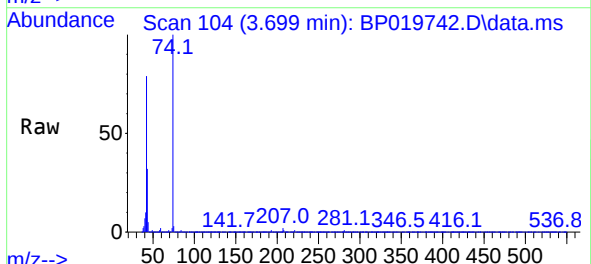
Tgt Ion: 79 Resp: 148478
Ion Ratio Lower Upper
79 100
52 57.3 45.0 67.6
51 32.9 26.8 40.2

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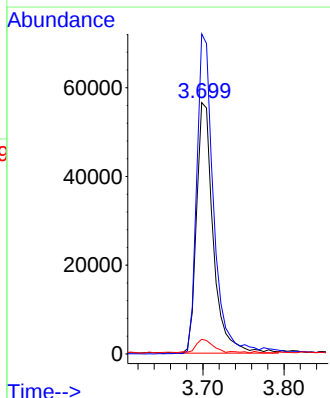
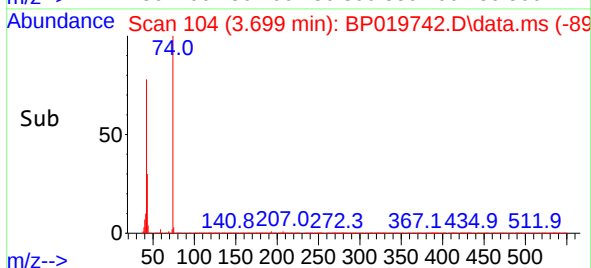
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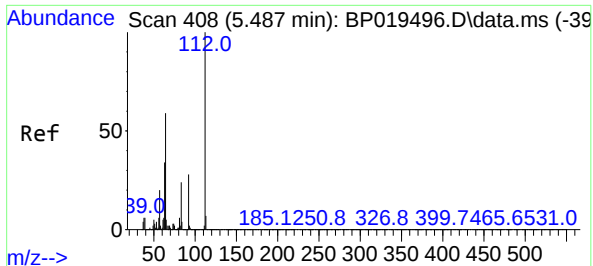


#4
n-Nitrosodimethylamine
Concen: 40.025 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24



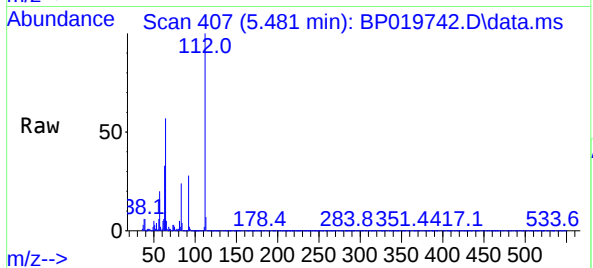
Tgt Ion: 42 Resp: 80946
Ion Ratio Lower Upper
42 100
74 127.3 103.4 155.2
44 5.9 4.8 7.2





#5
2-Fluorophenol
Concen: 120.536 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

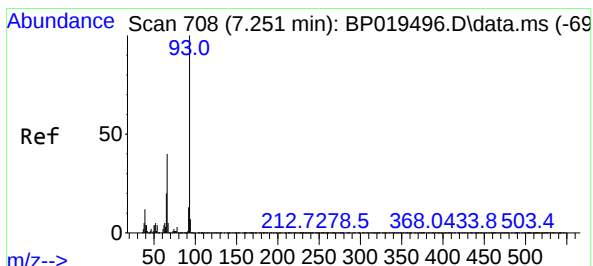
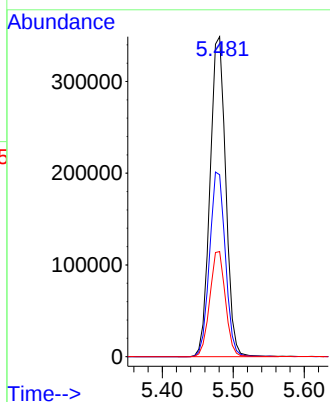
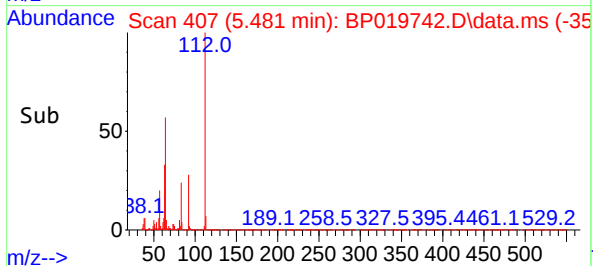
Instrument :
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Tgt Ion:112 Resp: 536038
Ion Ratio Lower Upper
112 100
64 56.9 47.4 71.0
63 32.9 27.0 40.6

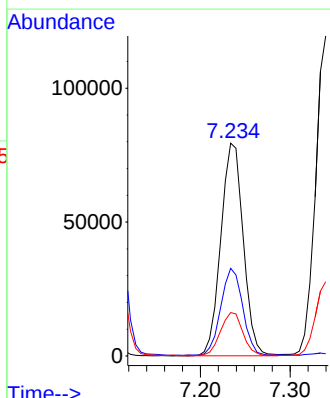
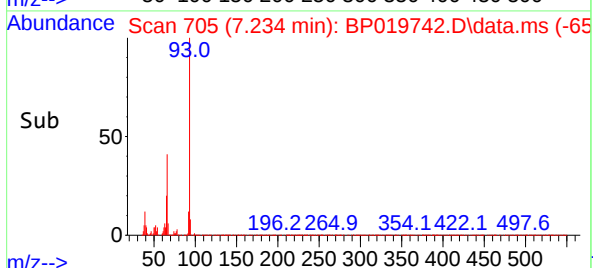
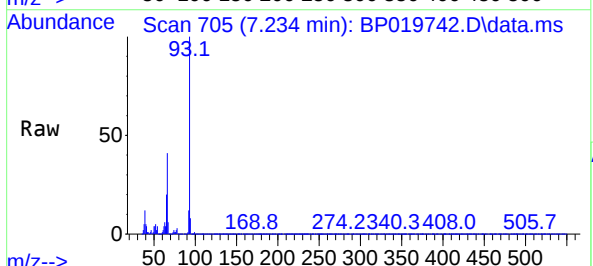
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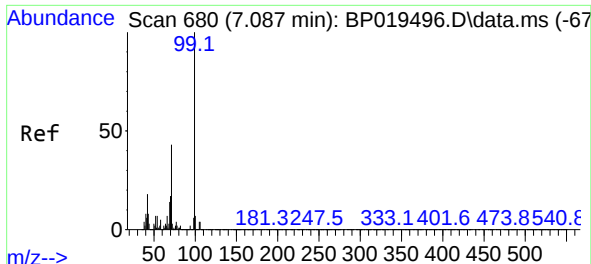
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#6
Aniline
Concen: 23.684 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.018 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion: 93 Resp: 137996
Ion Ratio Lower Upper
93 100
66 41.2 32.3 48.5
65 20.4 16.4 24.6





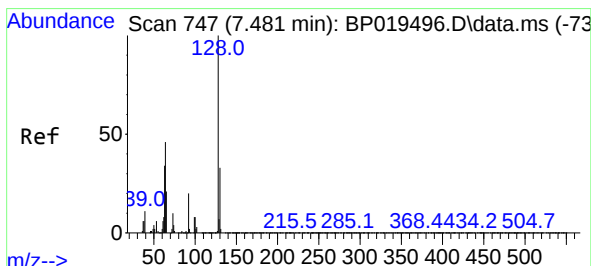
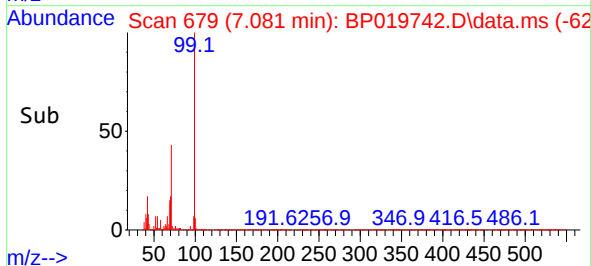
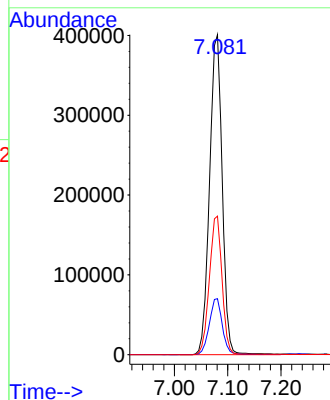
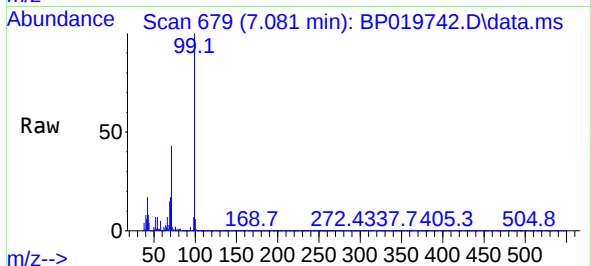
#7
Phenol-d6
Concen: 110.206 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

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PB158970BSD

Tgt Ion: 99 Resp: 660830
Ion Ratio Lower Upper
99 100
42 17.5 14.7 22.1
71 43.3 34.8 52.2

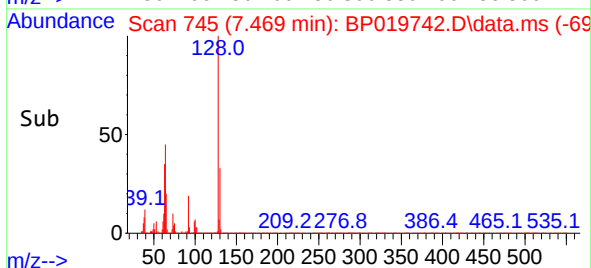
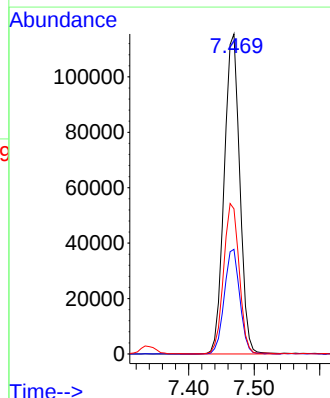
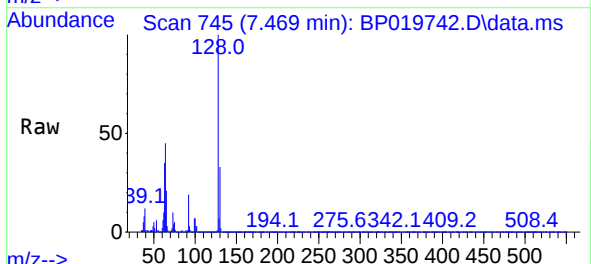
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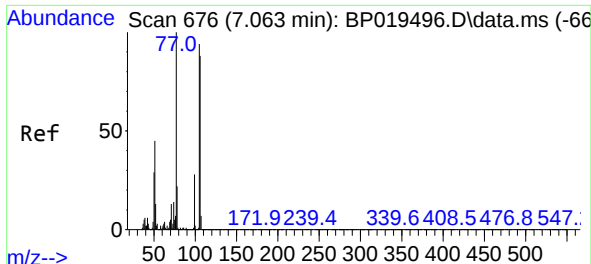
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#8
2-Chlorophenol
Concen: 41.552 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:128 Resp: 189717
Ion Ratio Lower Upper
128 100
130 32.7 13.3 53.3
64 45.4 29.7 69.7





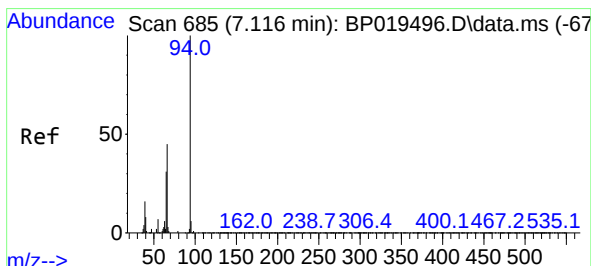
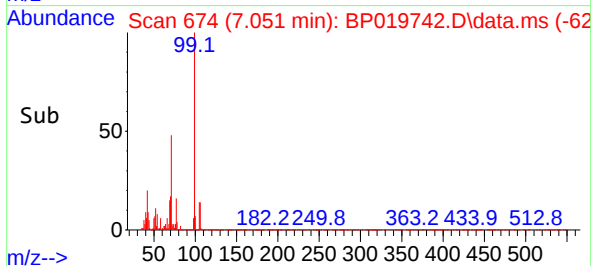
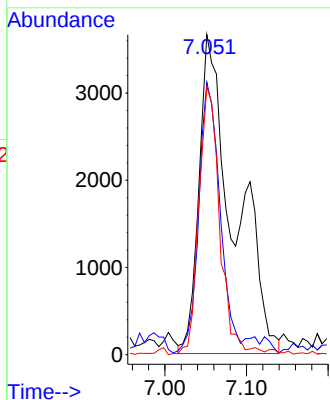
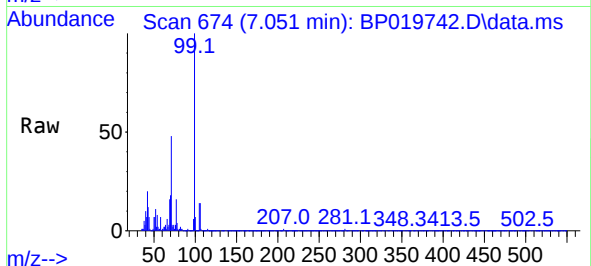
#9
Benzaldehyde
Concen: 2.579 ng m
RT: 7.051 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019742.D
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Tgt Ion: 77 Resp: 1084
Ion Ratio Lower Upper
77 100
105 85.1 74.0 114.0
106 83.6 67.8 107.8

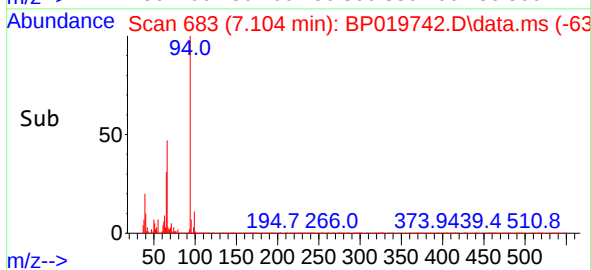
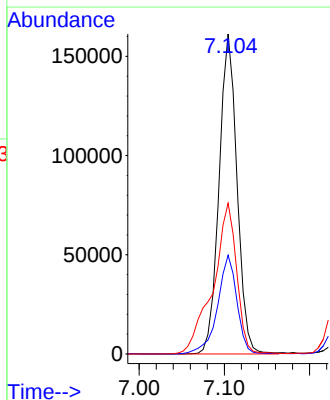
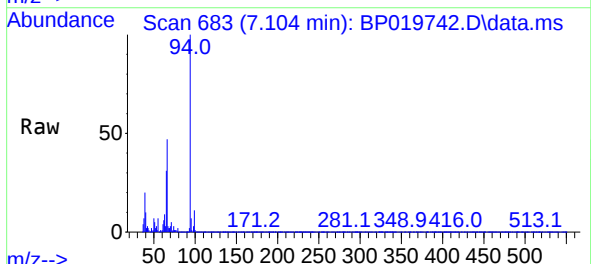
Manual Integrations
APPROVED

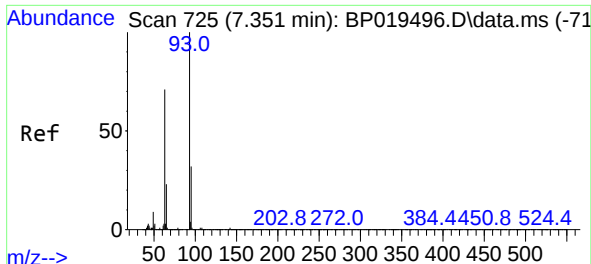
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#10
Phenol
Concen: 39.490 ng
RT: 7.104 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

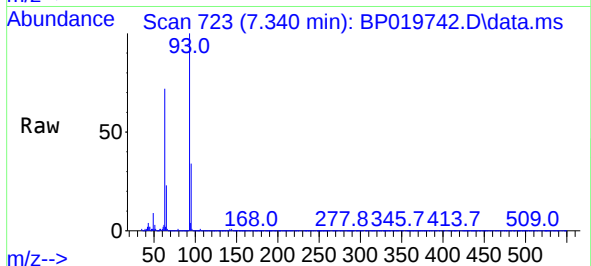
Tgt Ion: 94 Resp: 236011
Ion Ratio Lower Upper
94 100
65 30.9 11.3 51.3
66 47.1 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 38.940 ng
RT: 7.340 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

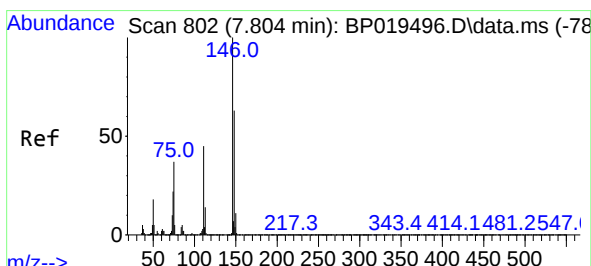
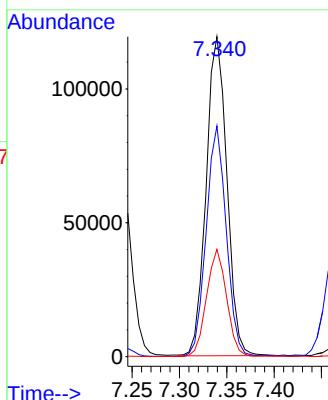
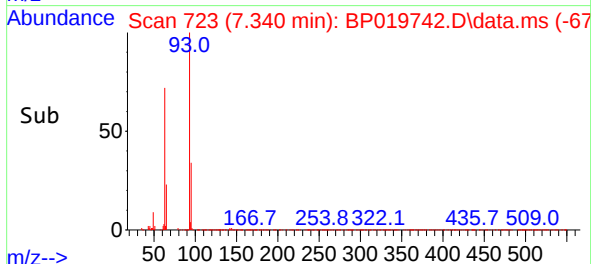
Instrument :
BNA_P
ClientSampleId :
PB158970BSD



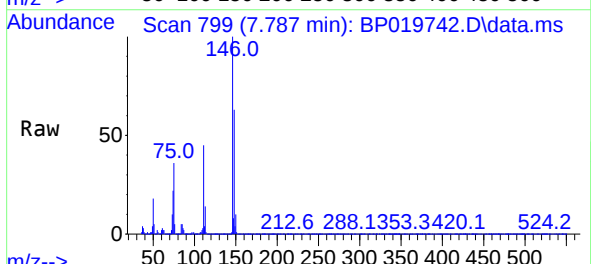
Tgt Ion: 93 Resp: 181058
Ion Ratio Lower Upper
93 100
63 72.1 51.2 91.2
95 33.5 11.8 51.8

Manual Integrations
APPROVED

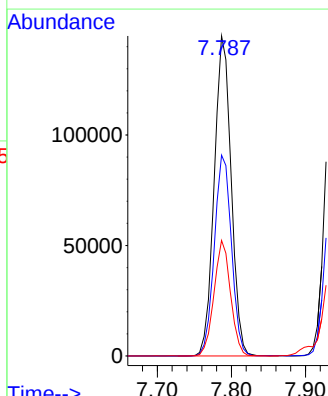
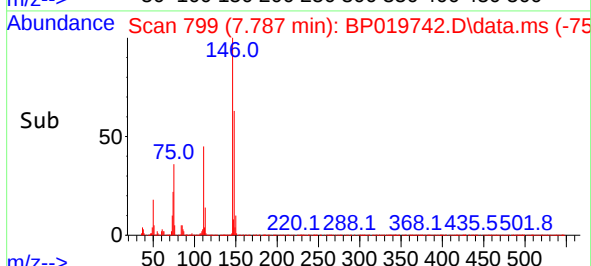
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

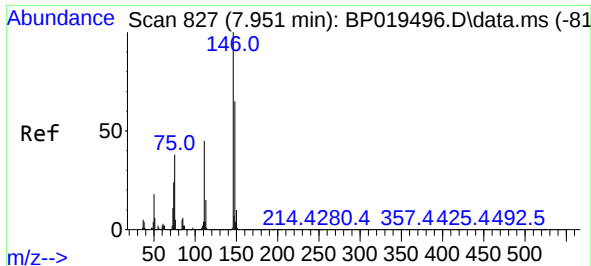


#12
1,3-Dichlorobenzene
Concen: 41.173 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.018 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24



Tgt Ion:146 Resp: 230024
Ion Ratio Lower Upper
146 100
148 62.8 50.4 75.6
75 36.1 29.9 44.9





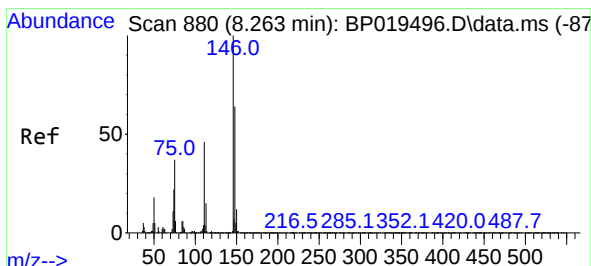
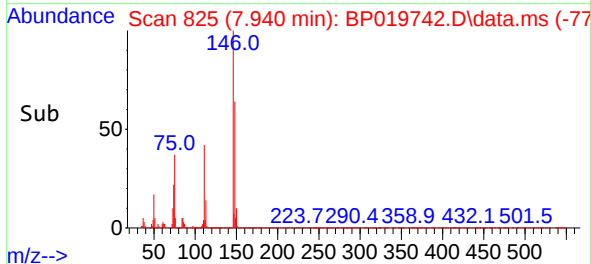
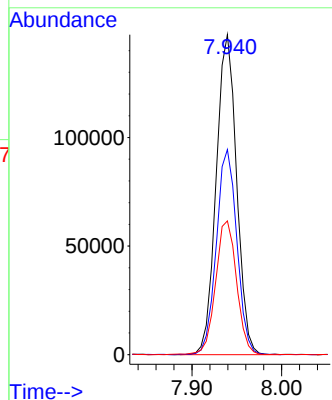
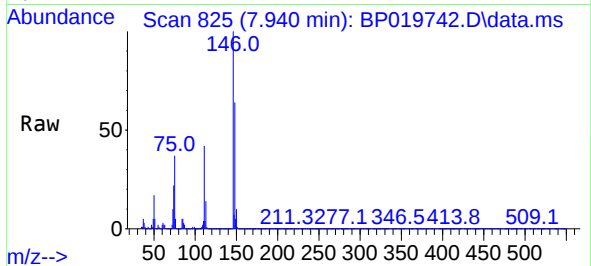
#13
1,4-Dichlorobenzene
Concen: 41.125 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :
BNA_P
ClientSampleId :
PB158970BSD

Tgt Ion:146 Resp: 23277
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
111 41.8 35.8 53.6

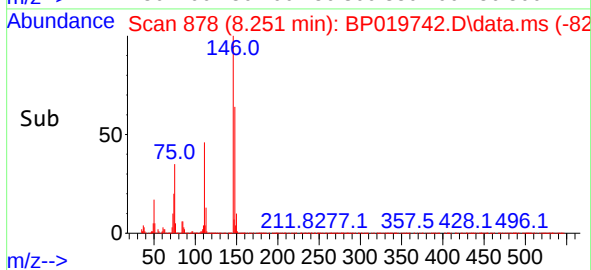
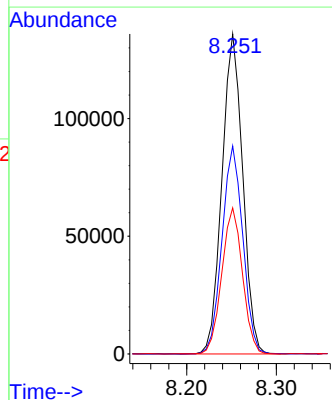
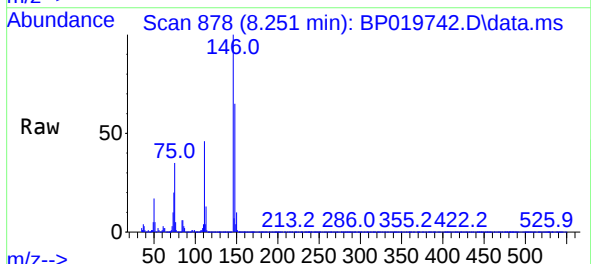
Manual Integrations
APPROVED

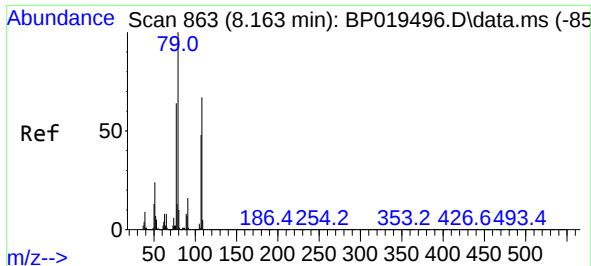
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#14
1,2-Dichlorobenzene
Concen: 39.855 ng
RT: 8.251 min Scan# 878
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:146 Resp: 218265
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.0
111 45.7 37.0 55.6





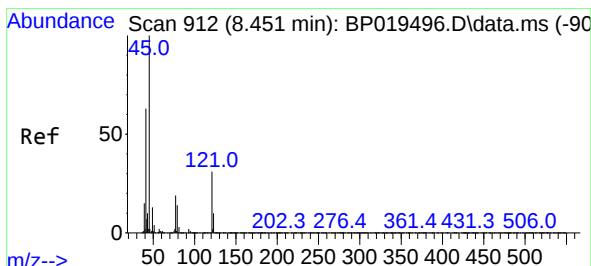
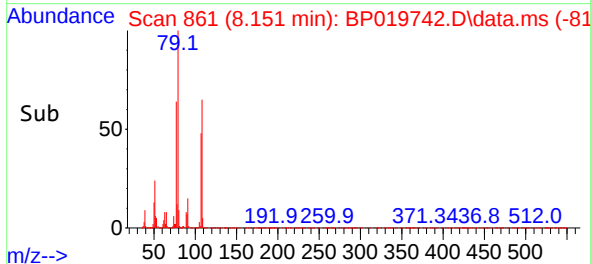
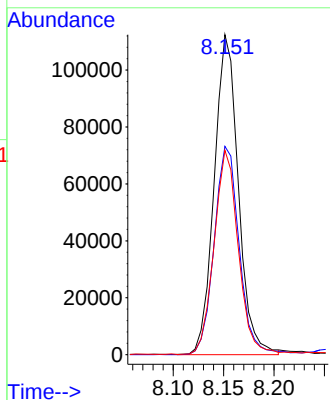
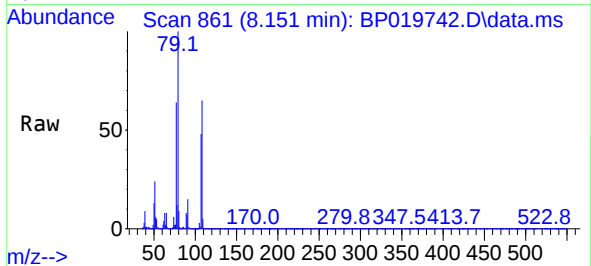
#15
Benzyl Alcohol
Concen: 39.088 ng m
RT: 8.151 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :
BNA_P
ClientSampleId :
PB158970BSD

Tgt Ion: 79 Resp: 18727
Ion Ratio Lower Upper
79 100
108 65.1 53.8 80.6
77 63.8 51.3 76.9

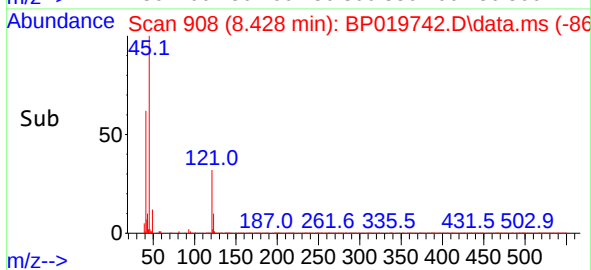
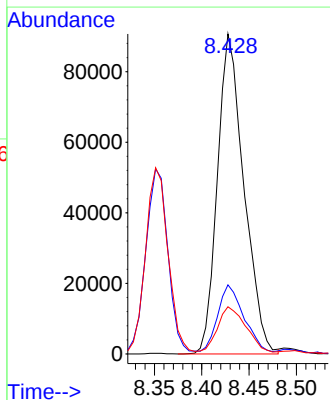
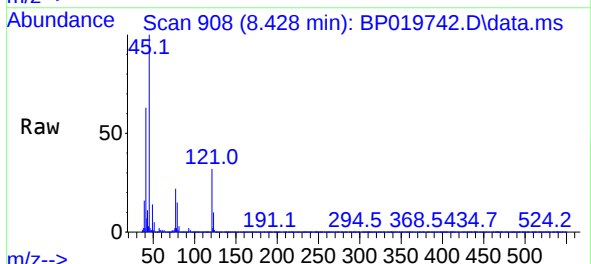
Manual Integrations
APPROVED

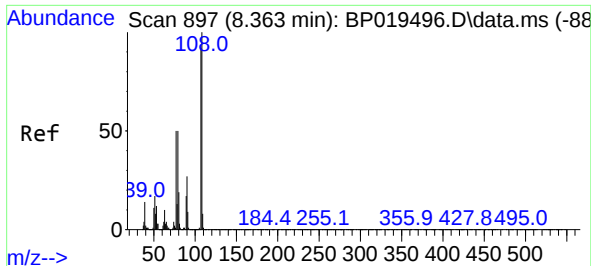
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.052 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.024 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion: 45 Resp: 176923
Ion Ratio Lower Upper
45 100
77 21.6 0.8 40.8
79 14.8 0.0 35.5





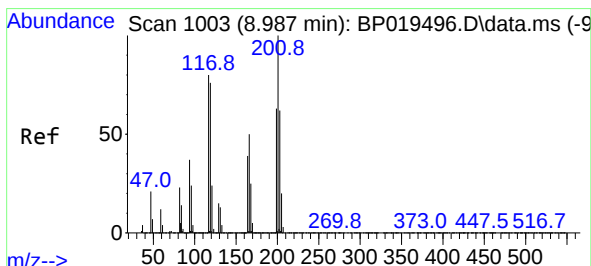
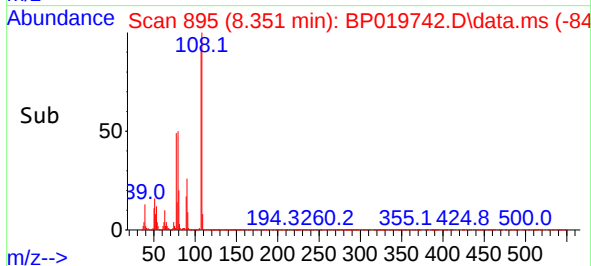
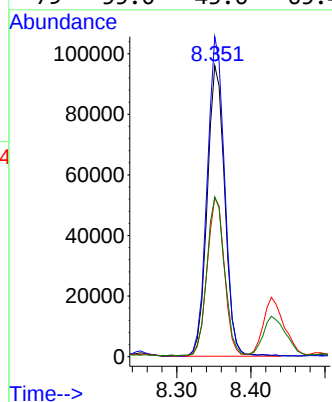
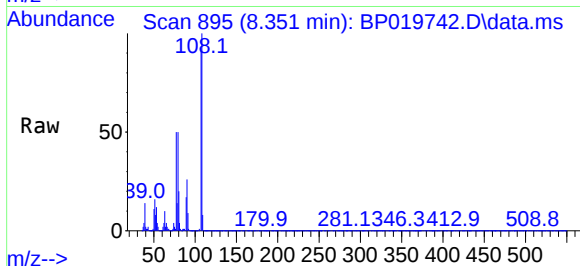
#17
2-Methylphenol
Concen: 39.255 ng
RT: 8.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :
BNA_P
ClientSampleId :
PB158970BSD

Tgt Ion:	107	Resp:	15794
Ion	Ratio	Lower	Upper
107	100		
108	110.0	87.0	130.6
77	54.6	43.5	65.3
79	55.0	43.6	65.4

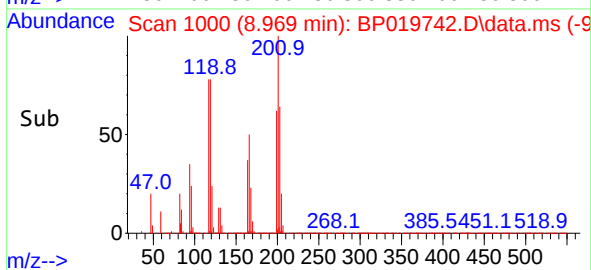
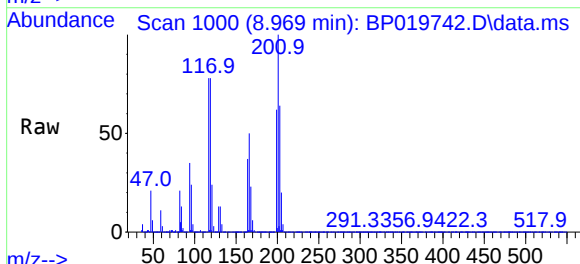
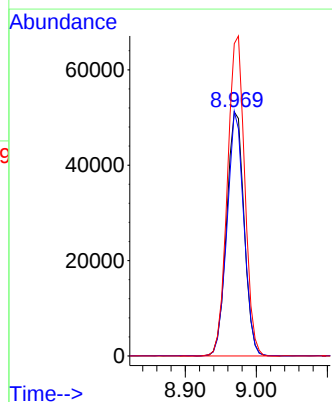
Manual Integrations
APPROVED

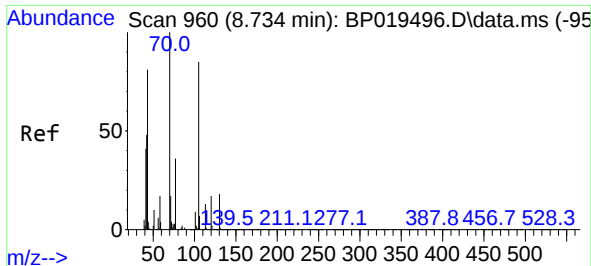
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#18
Hexachloroethane
Concen: 39.758 ng
RT: 8.969 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

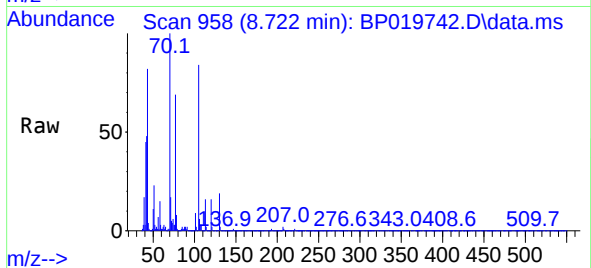
Tgt Ion:	117	Resp:	87226
Ion	Ratio	Lower	Upper
117	100		
119	100.3	75.5	113.3
201	128.0	99.4	149.2





#19
n-Nitroso-di-n-propylamine
Concen: 35.956 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

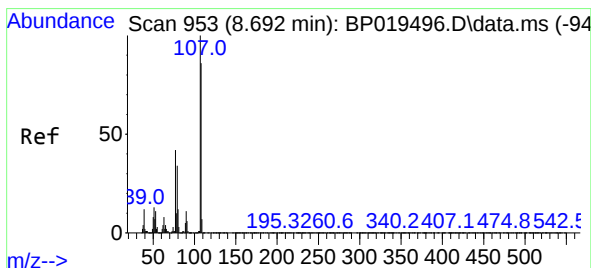
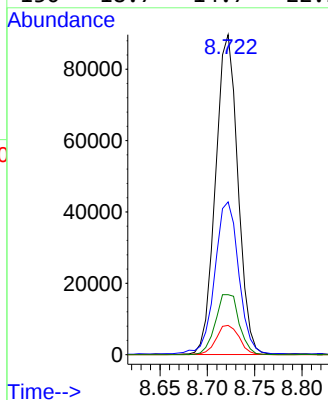
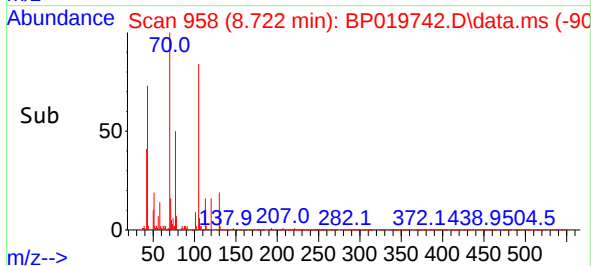
Instrument :
BNA_P
ClientSampleId :
PB158970BSD



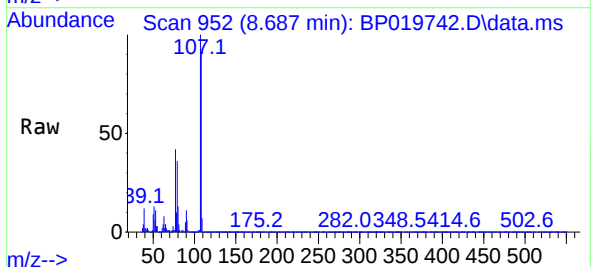
Tgt Ion: 70 Resp: 147260
Ion Ratio Lower Upper
70 100
42 47.8 39.2 58.8
101 9.1 7.3 10.9
130 18.7 14.7 22.1

Manual Integrations
APPROVED

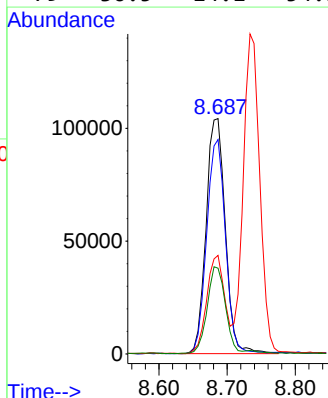
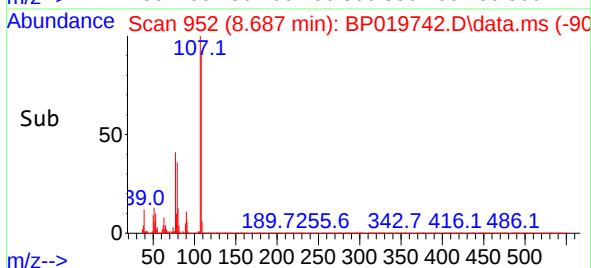
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

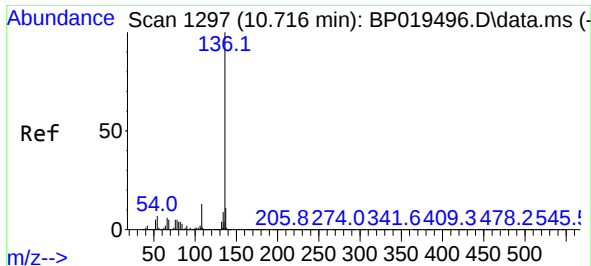


#20
3+4-Methylphenols
Concen: 37.287 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24



Tgt Ion:107 Resp: 204750
Ion Ratio Lower Upper
107 100
108 91.1 65.5 105.5
77 41.9 21.8 61.8
79 36.5 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

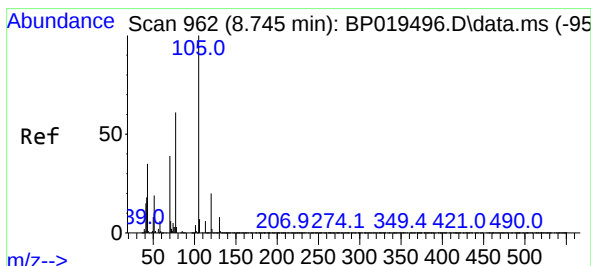
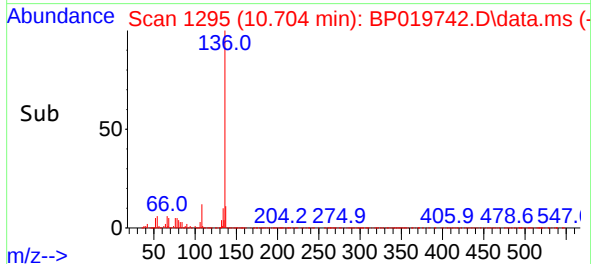
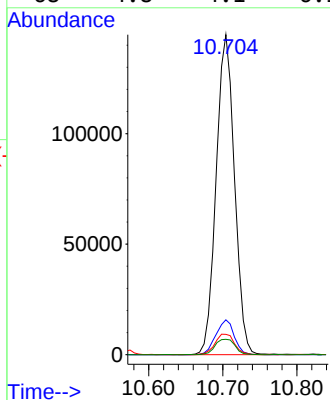
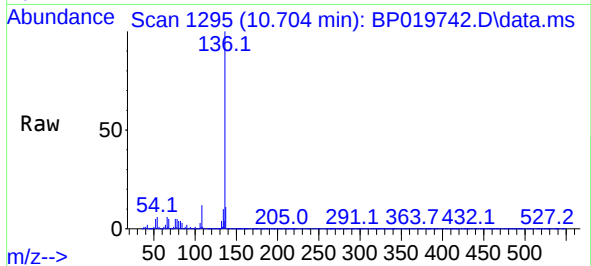
PB158970BSD

Tgt Ion:136 Resp: 24882
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.4 5.3 7.9
68 4.8 4.1 6.1

Manual Integrations

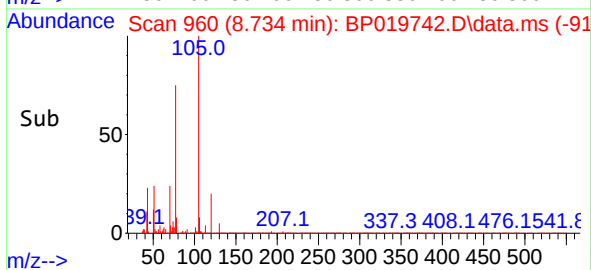
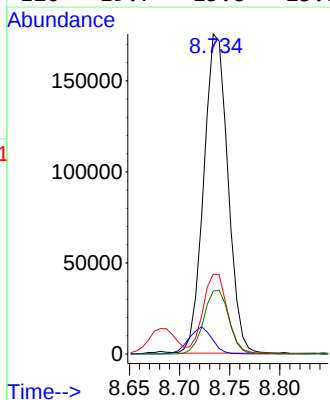
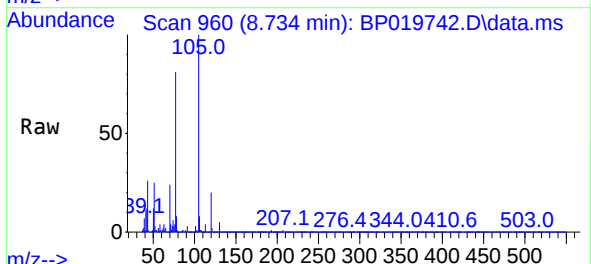
APPROVED

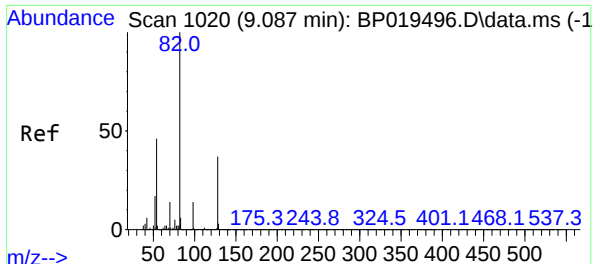
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#22
Acetophenone
Concen: 41.370 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:105 Resp: 293254
Ion Ratio Lower Upper
105 100
71 4.3 4.9 7.3#
51 24.9 20.7 31.1
120 19.7 15.8 23.8





#23

Nitrobenzene-d5

Concen: 79.368 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP019742.D

Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB158970BSD

Tgt Ion: 82 Resp: 455750

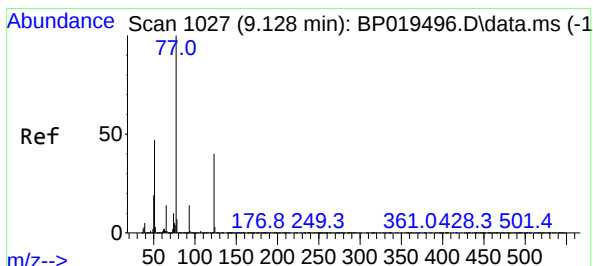
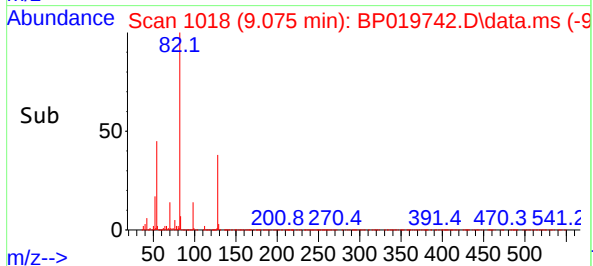
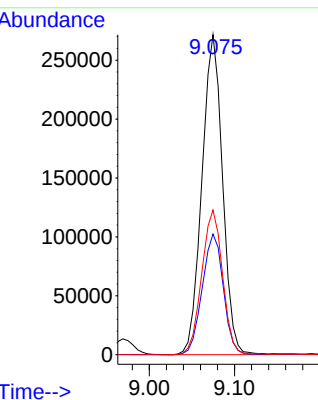
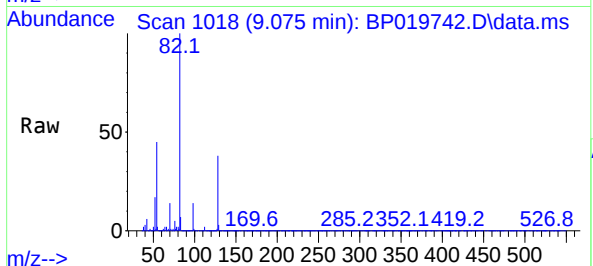
Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.7	44.5
54	45.2	36.8	55.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/19/2024

Supervised By :mohammad ahmed 02/19/2024



#24

Nitrobenzene

Concen: 39.724 ng

RT: 9.116 min Scan# 1025

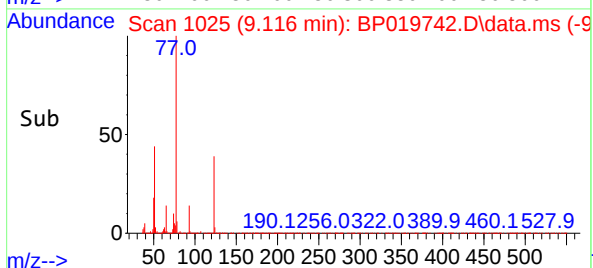
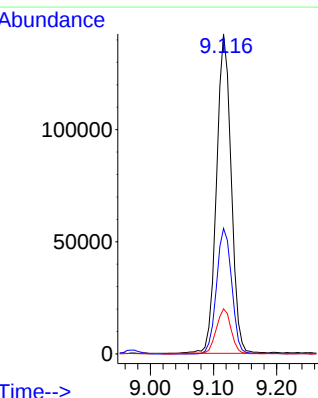
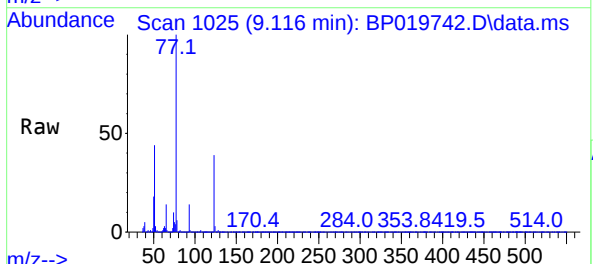
Delta R.T. -0.012 min

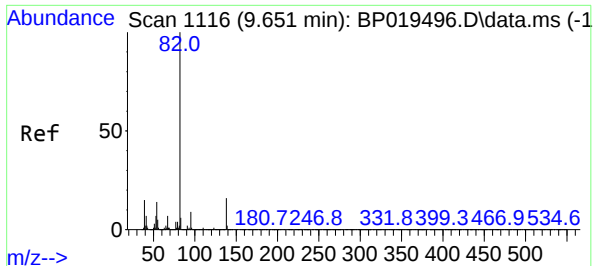
Lab File: BP019742.D

Acq: 16 Feb 2024 13:24

Tgt Ion: 77 Resp: 229671

Ion	Ratio	Lower	Upper
77	100		
123	39.2	32.3	48.5
65	14.1	11.6	17.4





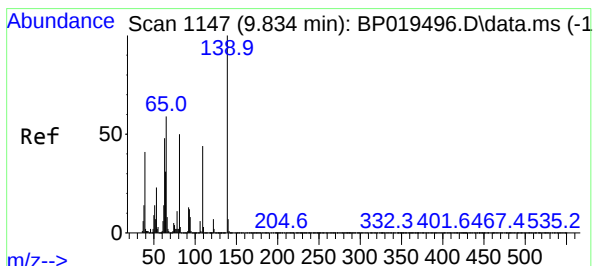
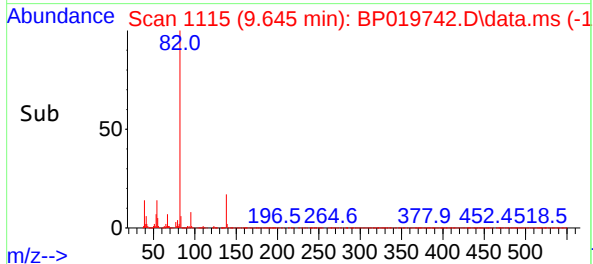
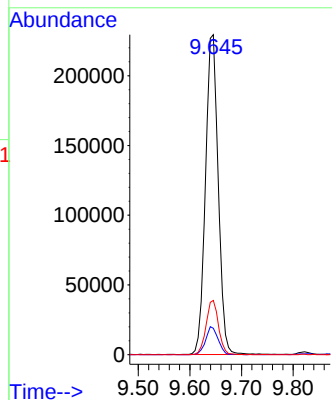
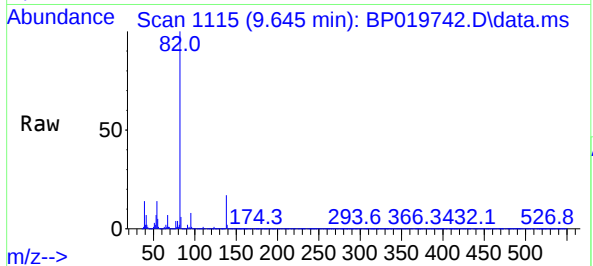
#25
Isophorone
Concen: 39.275 ng
RT: 9.645 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :
BNA_P
ClientSampleId :
PB158970BSD

Tgt Ion: 82 Resp: 392774
Ion Ratio Lower Upper
82 100
95 8.2 7.0 10.4
138 17.0 13.1 19.7

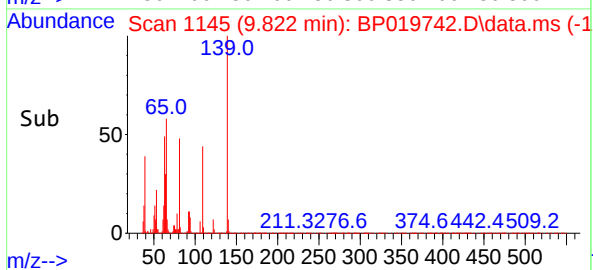
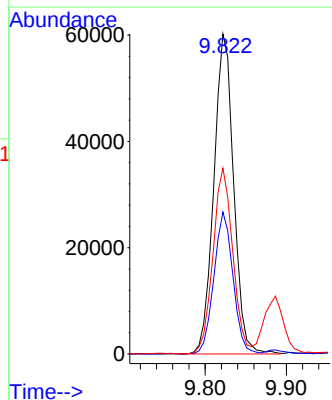
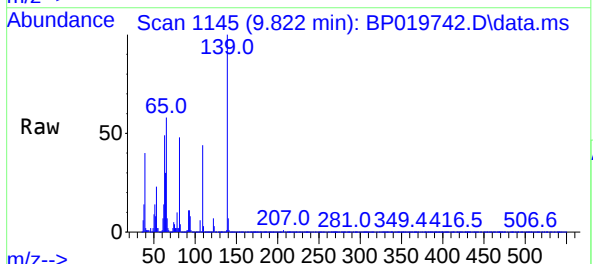
Manual Integrations
APPROVED

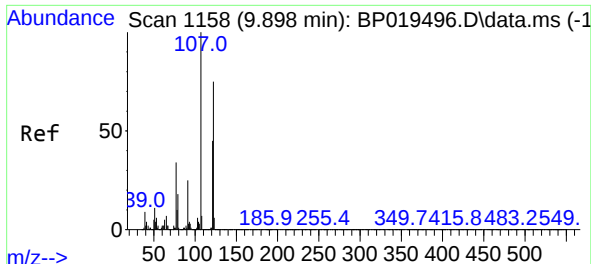
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#26
2-Nitrophenol
Concen: 46.266 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:139 Resp: 101994
Ion Ratio Lower Upper
139 100
109 44.4 34.9 52.3
65 58.1 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 47.222 ng
RT: 9.886 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB158970BSD

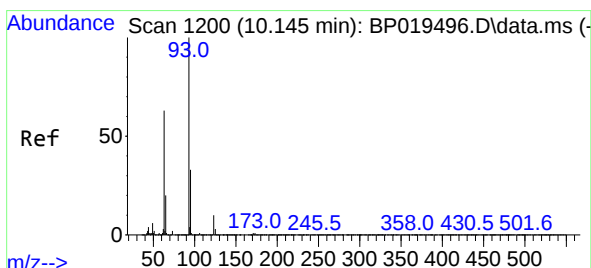
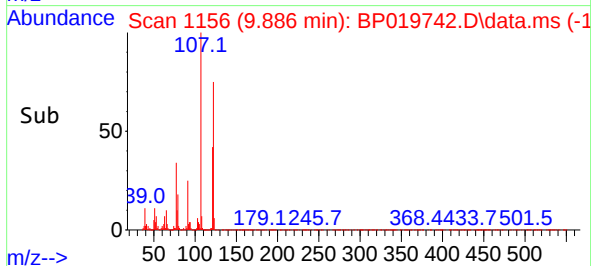
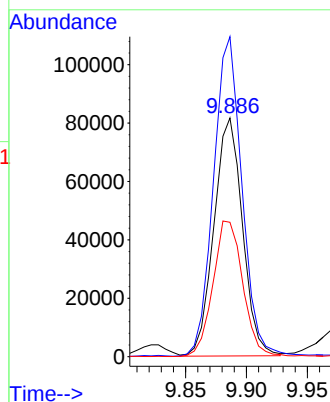
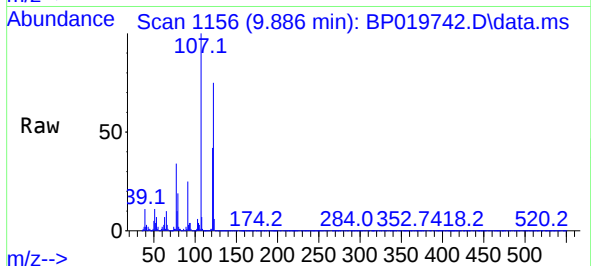
Tgt Ion:122 Resp: 133114
Ion Ratio Lower Upper
122 100
107 134.1 105.9 158.9
121 56.3 47.5 71.3

Manual Integrations

APPROVED

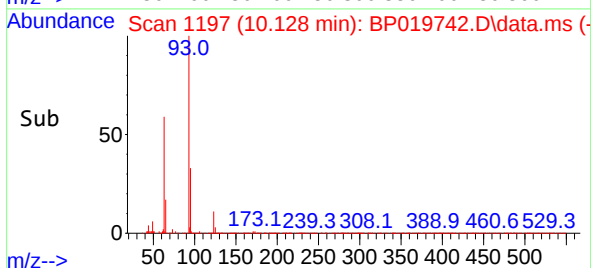
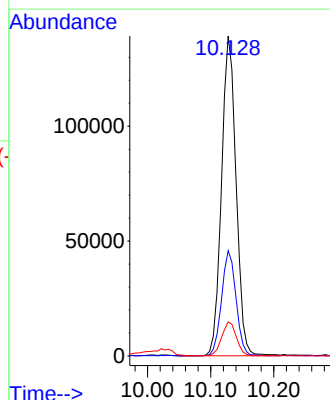
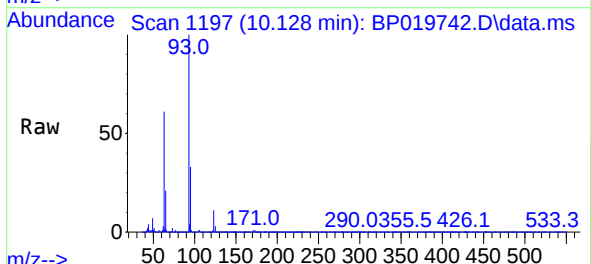
Reviewed By :Yogesh Patel 02/19/2024

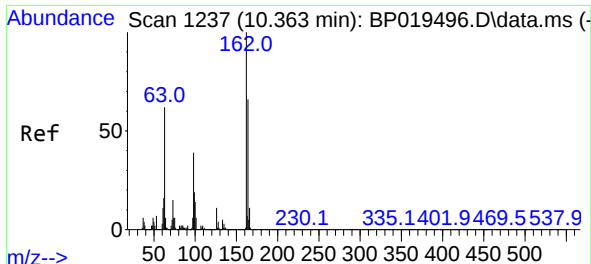
Supervised By :mohammad ahmed 02/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 39.359 ng
RT: 10.128 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion: 93 Resp: 222699
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 10.7 8.5 12.7





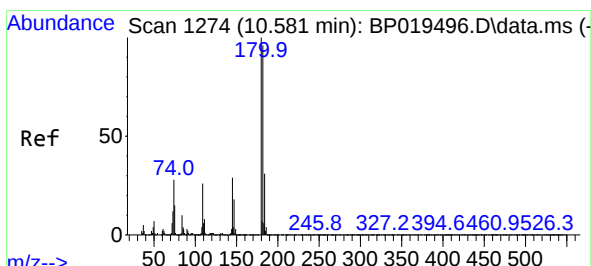
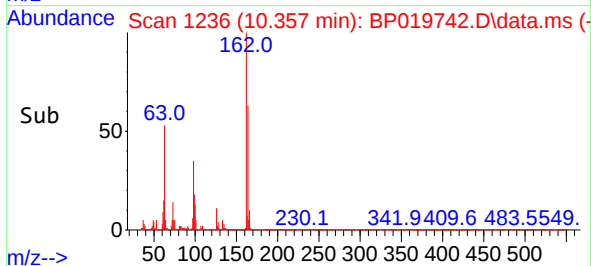
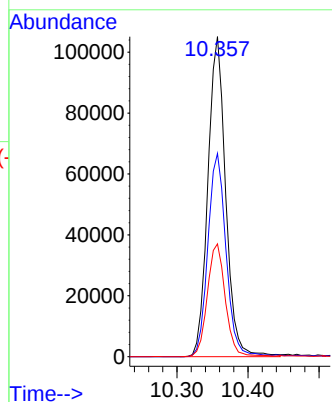
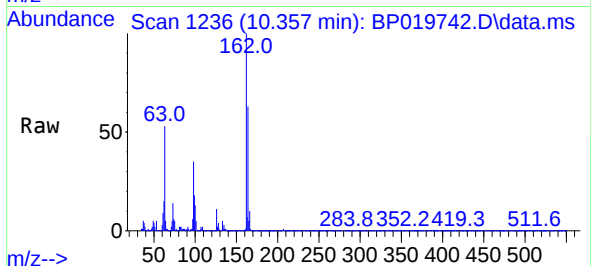
#29
2,4-Dichlorophenol
Concen: 42.954 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :
BNA_P
ClientSampleId :
PB158970BSD

Tgt Ion:162 Resp: 183034
Ion Ratio Lower Upper
162 100
164 63.5 46.0 86.0
98 35.3 18.7 58.7

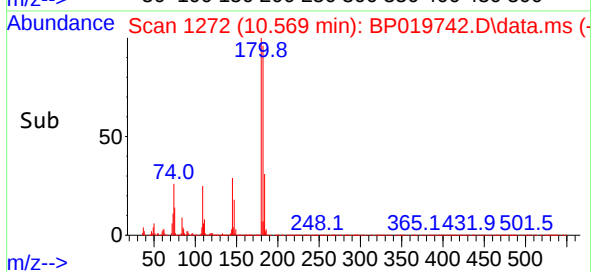
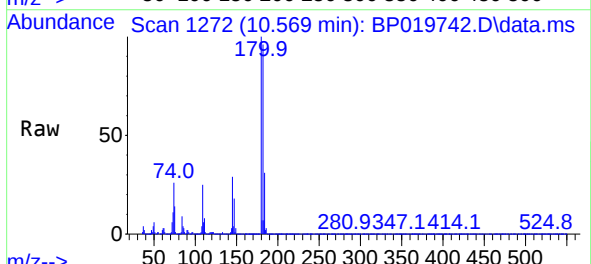
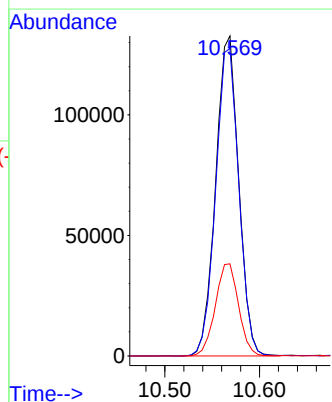
Manual Integrations
APPROVED

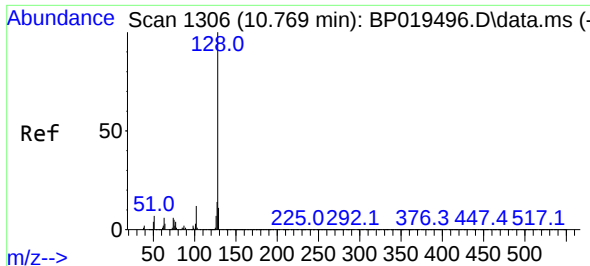
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.949 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:180 Resp: 224398
Ion Ratio Lower Upper
180 100
182 96.1 77.0 115.6
145 28.8 23.2 34.8





#31
Naphthalene
Concen: 41.283 ng
RT: 10.757 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

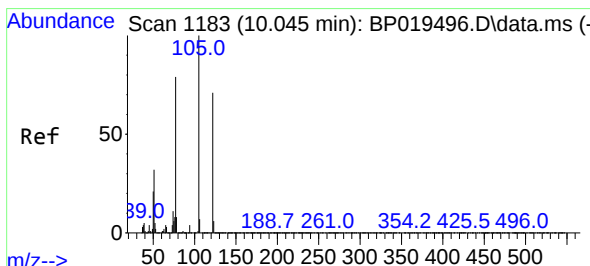
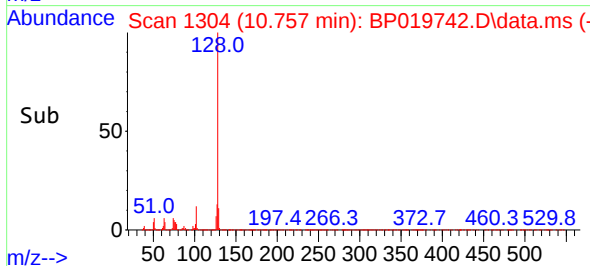
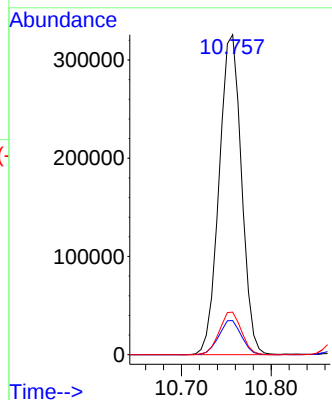
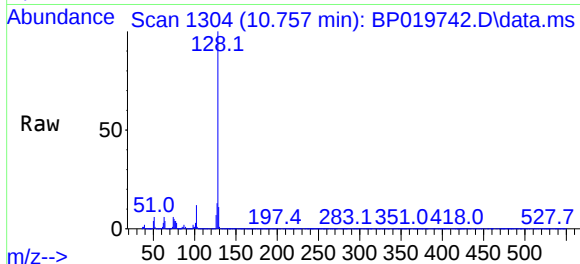
ClientSampleId :

PB158970BSD

Tgt Ion:128 Resp: 563380
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.3 10.8 16.2

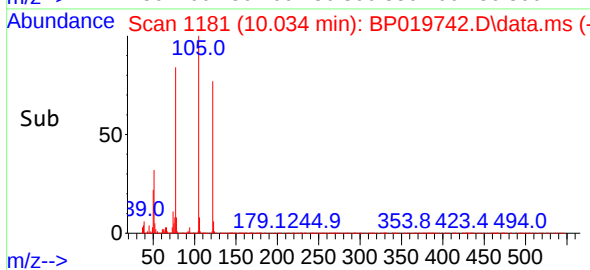
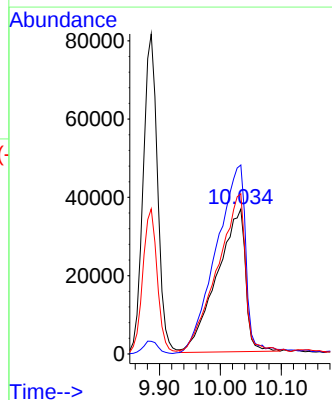
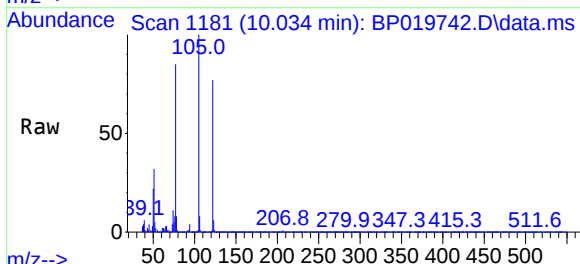
Manual Integrations
APPROVED

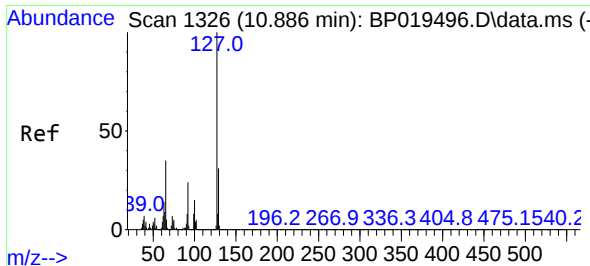
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#32
Benzoic acid
Concen: 43.155 ng
RT: 10.034 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:122 Resp: 118522
Ion Ratio Lower Upper
122 100
105 130.4 118.8 158.8
77 110.6 91.7 131.7





#33
4-Chloroaniline
Concen: 9.890 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

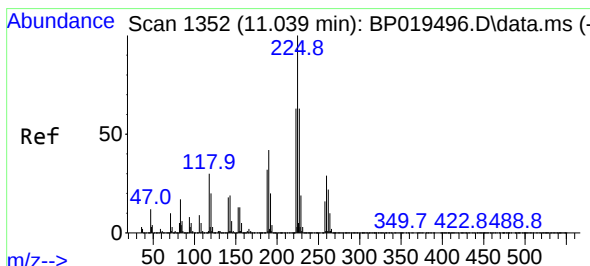
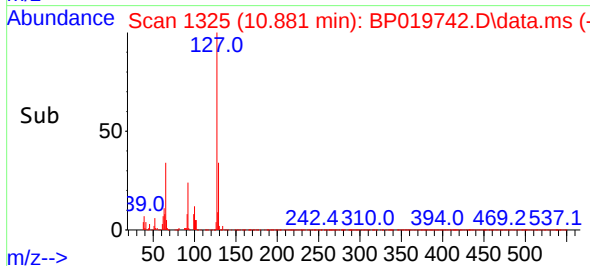
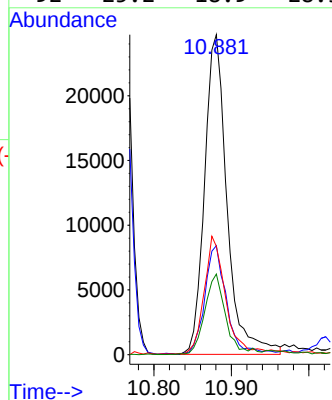
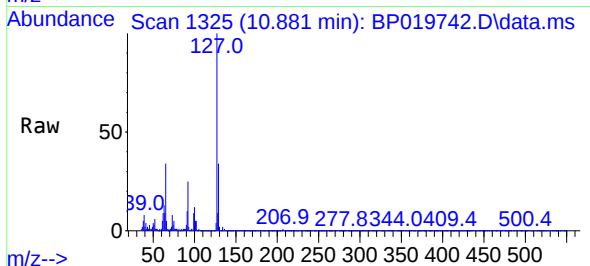
PB158970BSD

Tgt Ion:	127	Resp:	4991
Ion Ratio	Lower	Upper	
127	100		
129	34.0	24.6	36.8
65	33.9	28.2	42.4
92	25.2	18.9	28.3

Manual Integrations

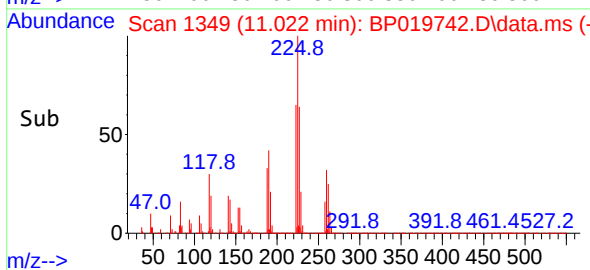
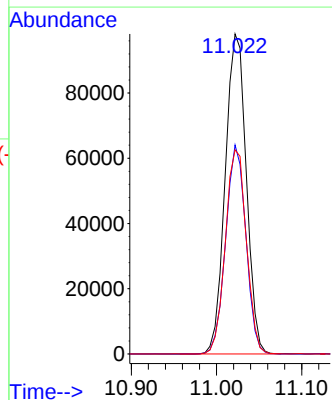
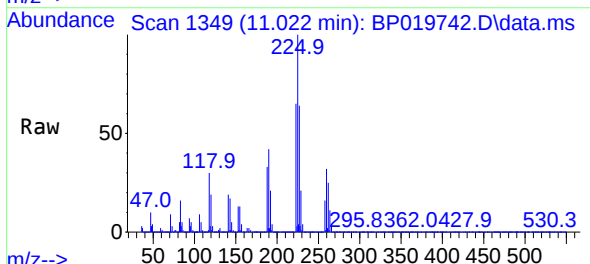
APPROVED

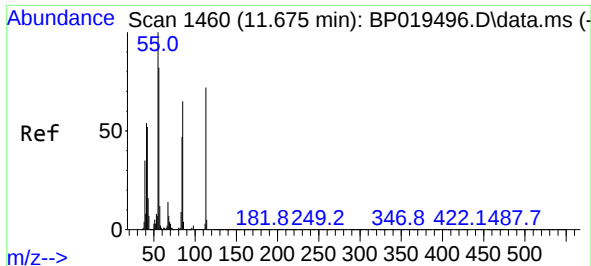
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#34
Hexachlorobutadiene
Concen: 43.496 ng
RT: 11.022 min Scan# 1349
Delta R.T. -0.018 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

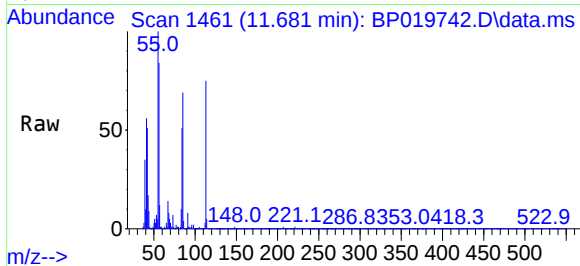
Tgt Ion:	225	Resp:	168402
Ion Ratio	Lower	Upper	
225	100		
223	65.3	50.5	75.7
227	63.8	50.2	75.2





#35
Caprolactam
Concen: 43.195 ng
RT: 11.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

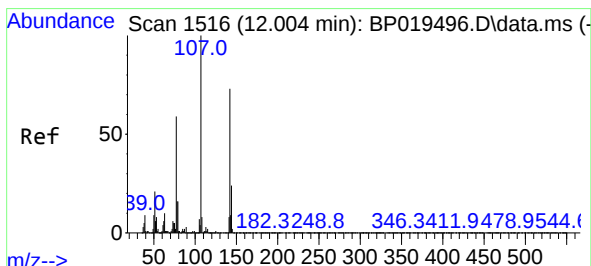
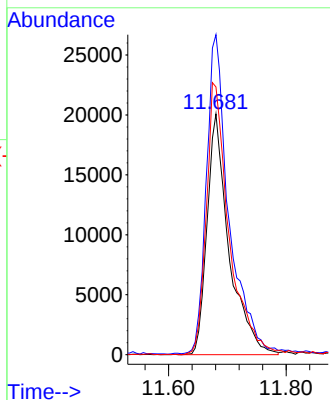
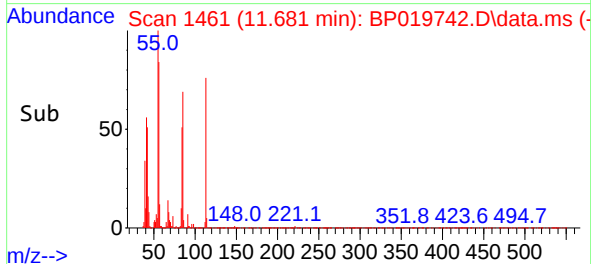
Instrument :
BNA_P
ClientSampleId :
PB158970BSD



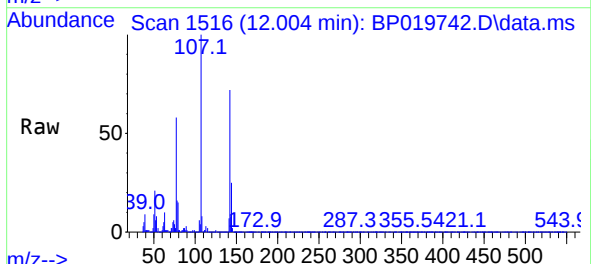
Tgt Ion:113 Resp: 5210
Ion Ratio Lower Upper
113 100
55 132.9 120.0 160.0
56 111.2 94.0 134.0

Manual Integrations
APPROVED

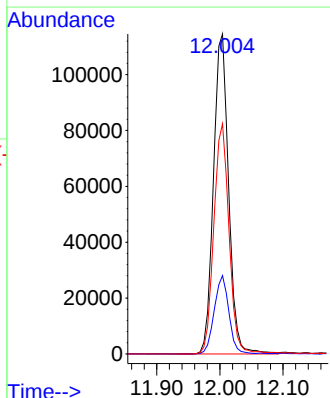
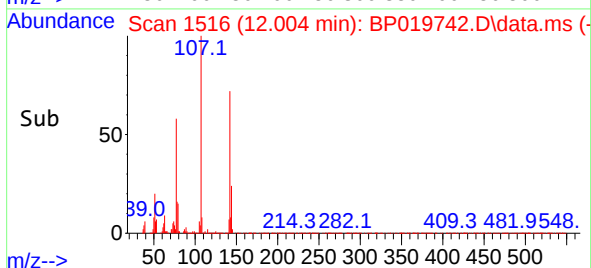
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

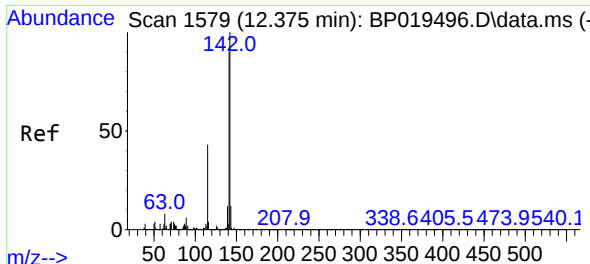


#36
4-Chloro-3-methylphenol
Concen: 41.013 ng
RT: 12.004 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24



Tgt Ion:107 Resp: 190558
Ion Ratio Lower Upper
107 100
144 24.5 19.0 28.4
142 71.9 58.6 88.0





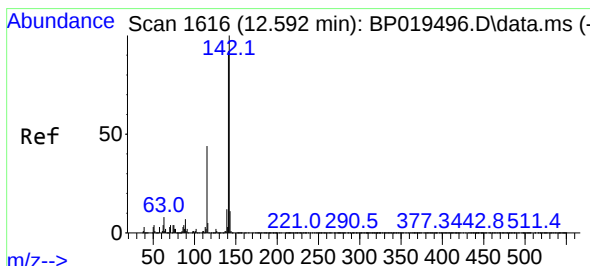
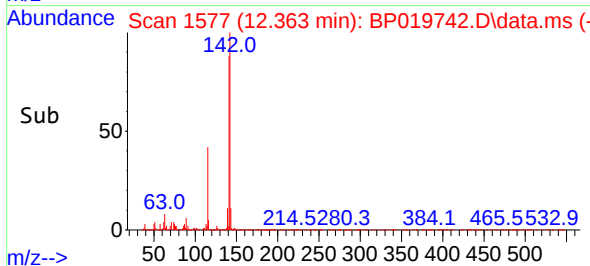
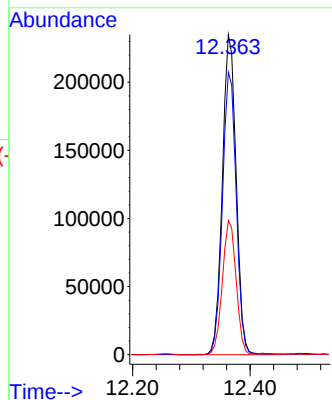
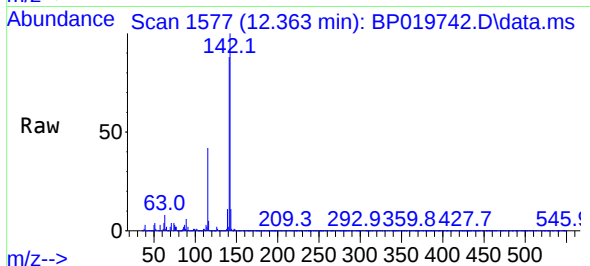
#37
2-Methylnaphthalene
Concen: 40.559 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :
BNA_P
ClientSampleId :
PB158970BSD

Tgt Ion:142 Resp: 38305
Ion Ratio Lower Upper
142 100
141 88.3 72.2 108.4
115 42.0 34.2 51.2

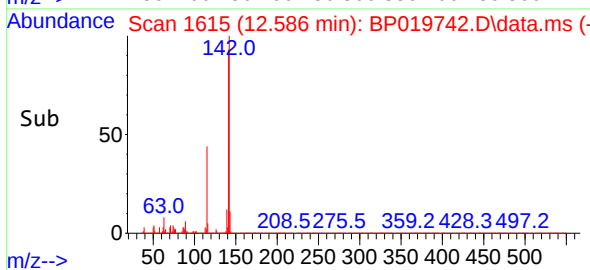
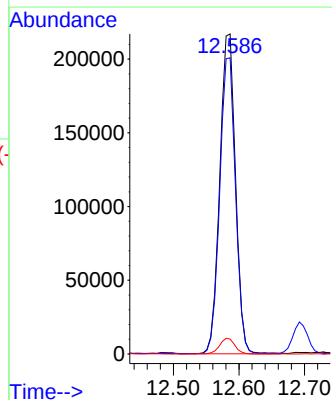
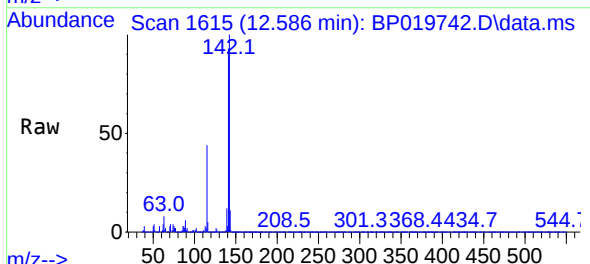
Manual Integrations
APPROVED

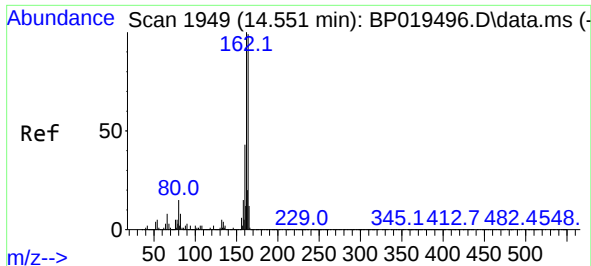
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#38
1-Methylnaphthalene
Concen: 38.838 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:142 Resp: 360457
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0
116 4.6 3.7 5.5





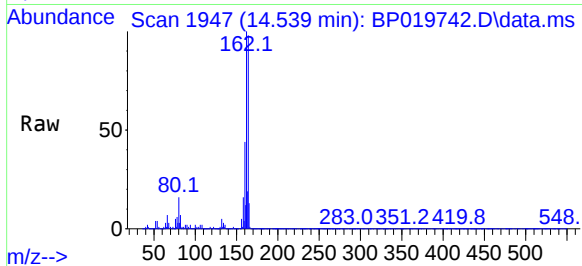
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB158970BSD



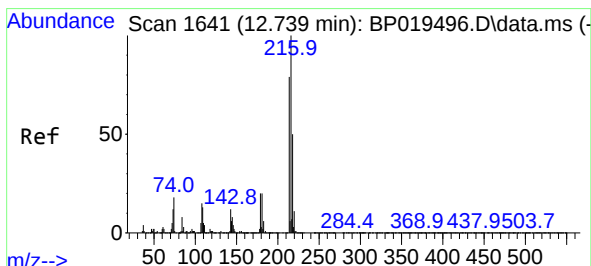
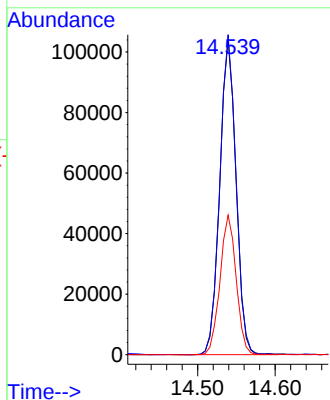
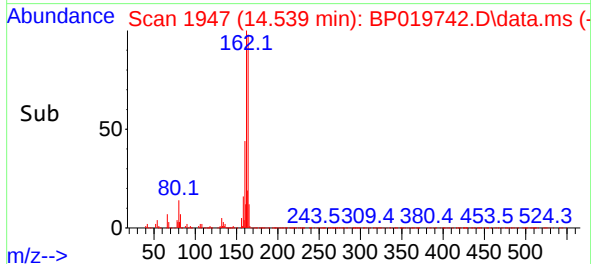
Tgt Ion:164 Resp: 151608
Ion Ratio Lower Upper
164 100
162 101.7 81.2 121.8
160 44.3 35.1 52.7

Manual Integrations

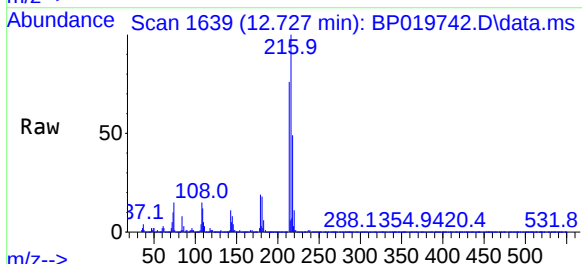
APPROVED

Reviewed By :Yogesh Patel 02/19/2024

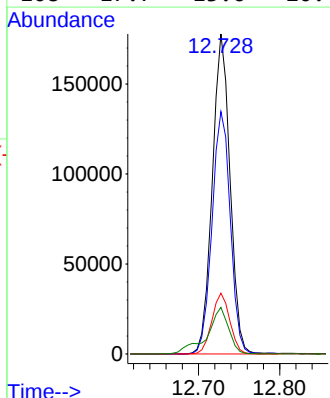
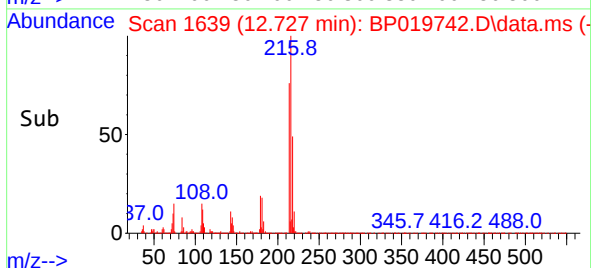
Supervised By :mohammad ahmed 02/19/2024

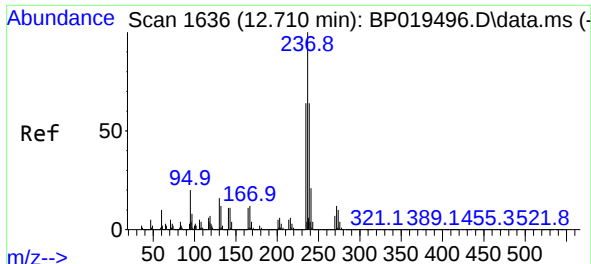


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.158 ng
RT: 12.727 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24



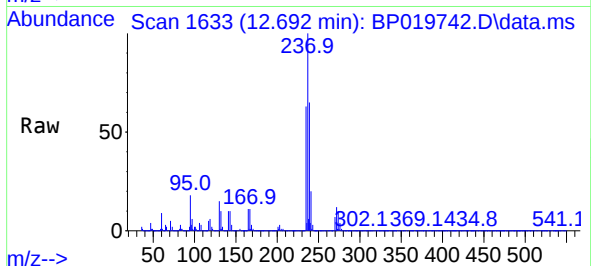
Tgt Ion:216 Resp: 269885
Ion Ratio Lower Upper
216 100
214 77.9 62.8 94.2
179 19.3 16.6 24.8
108 17.7 13.6 20.4





#41
Hexachlorocyclopentadiene
Concen: 131.863 ng
RT: 12.692 min Scan# 1633
Delta R.T. -0.018 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

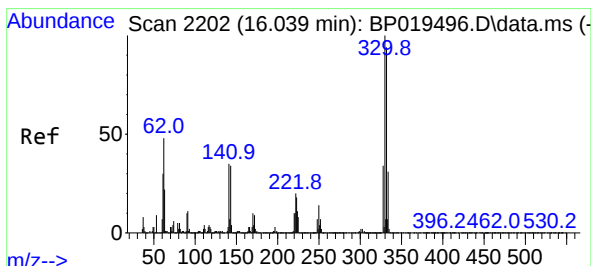
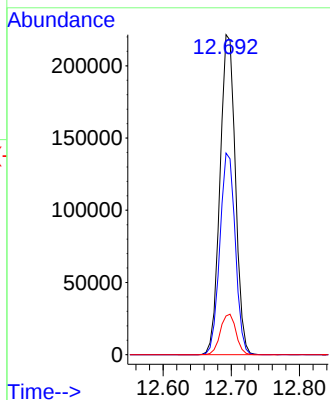
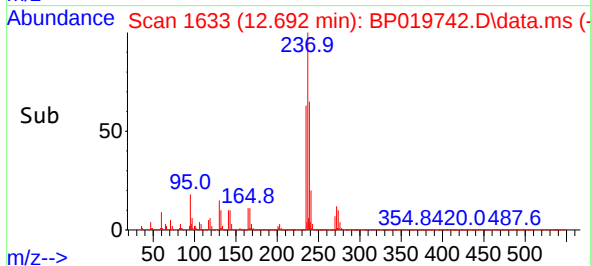
Instrument :
BNA_P
ClientSampleId :
PB158970BSD



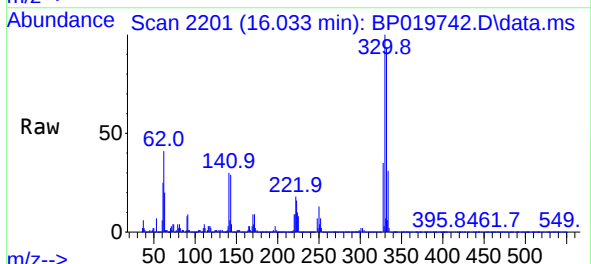
Tgt Ion:237 Resp: 348299
Ion Ratio Lower Upper
237 100
235 63.0 43.7 83.7
272 12.1 0.0 32.4

Manual Integrations
APPROVED

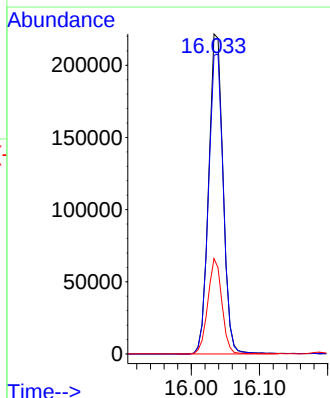
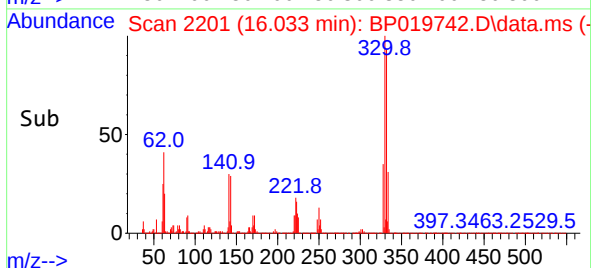
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

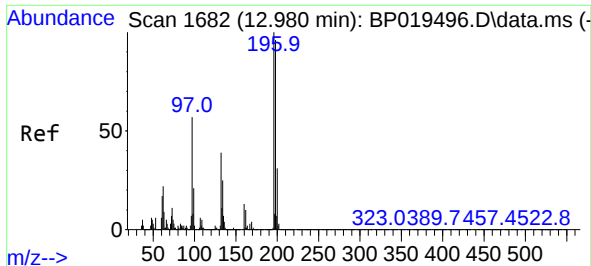


#42
2,4,6-Tribromophenol
Concen: 147.055 ng
RT: 16.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24



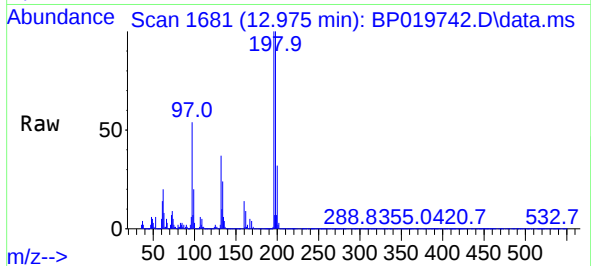
Tgt Ion:330 Resp: 325519
Ion Ratio Lower Upper
330 100
332 96.4 77.2 115.8
141 29.1 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 45.318 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

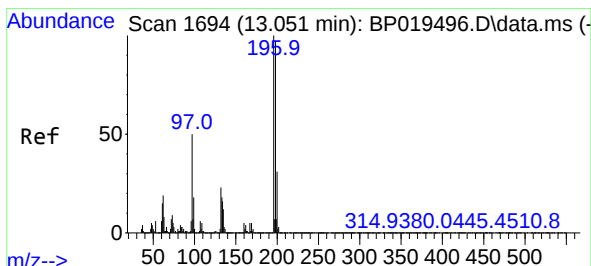
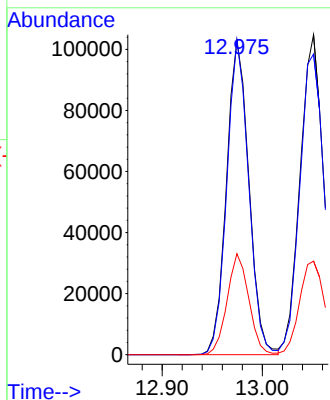
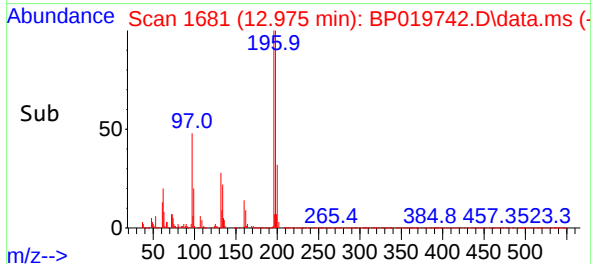
Instrument :
BNA_P
ClientSampleId :
PB158970BSD



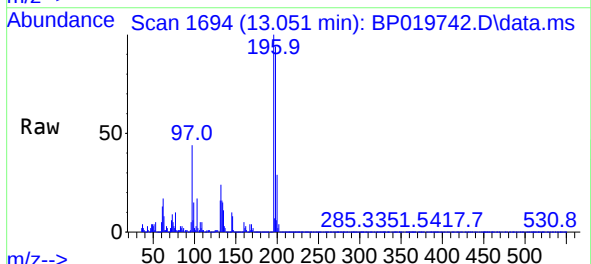
Tgt Ion:196 Resp: 160448
Ion Ratio Lower Upper
196 100
198 99.9 76.7 115.1
200 32.1 24.6 36.8

Manual Integrations
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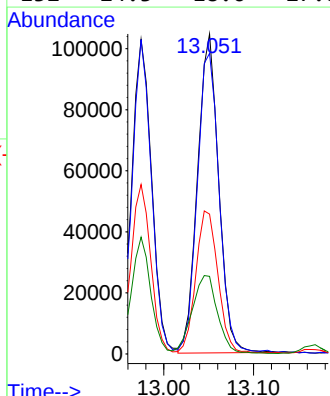
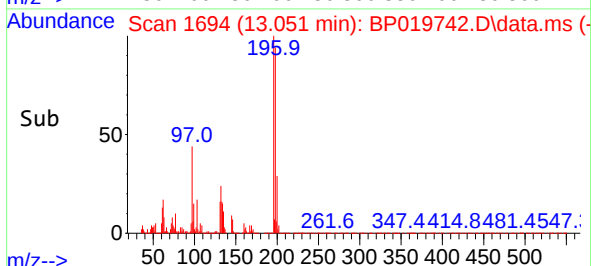
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

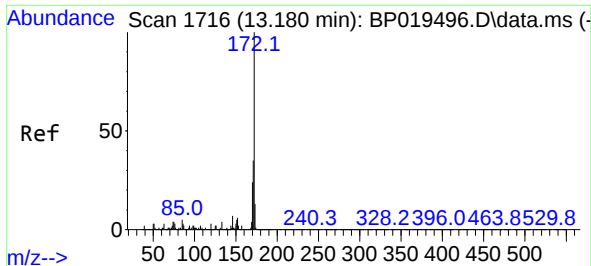


#44
2,4,5-Trichlorophenol
Concen: 44.050 ng
RT: 13.051 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24



Tgt Ion:196 Resp: 171255
Ion Ratio Lower Upper
196 100
198 93.9 77.5 116.3
97 43.7 39.9 59.9
132 24.3 18.6 27.8





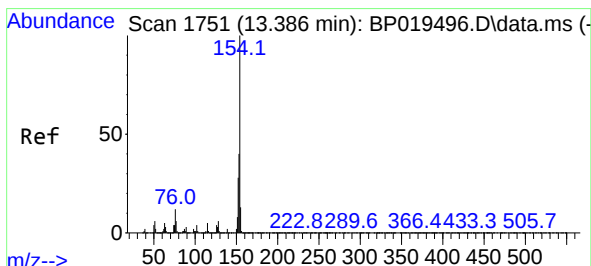
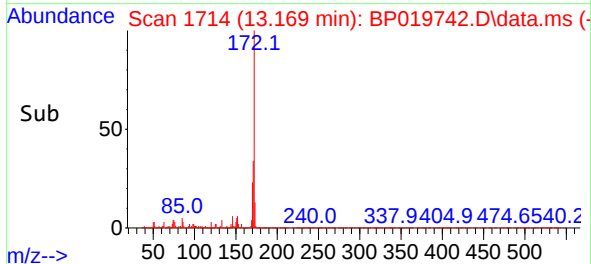
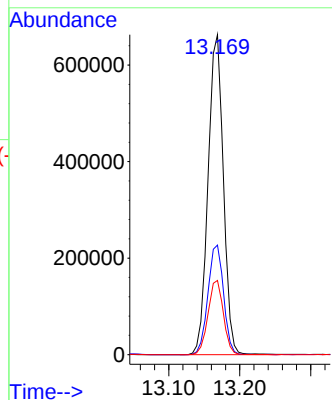
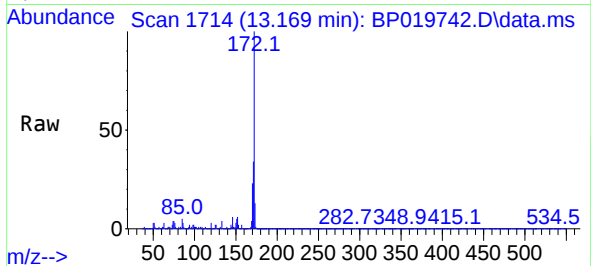
#45
2-Fluorobiphenyl
Concen: 81.185 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :
BNA_P
ClientSampleId :
PB158970BSD

Tgt Ion:172 Resp: 995630
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.4
170 23.2 18.9 28.3

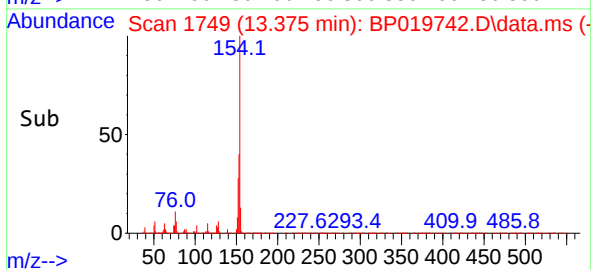
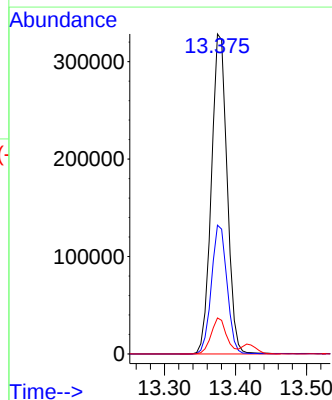
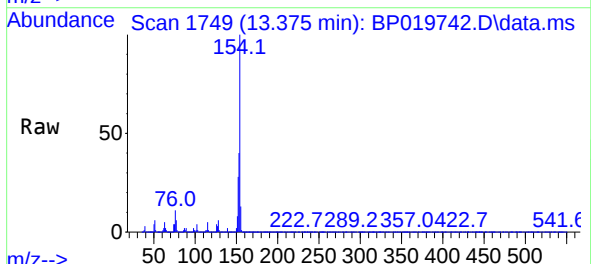
Manual Integrations
APPROVED

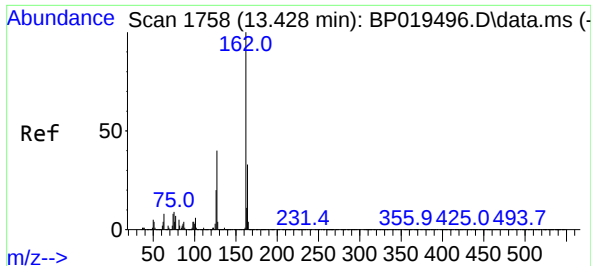
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#46
1,1'-Biphenyl
Concen: 41.715 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:154 Resp: 504770
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 11.2 0.0 31.6





#47
2-Chloronaphthalene
Concen: 40.903 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

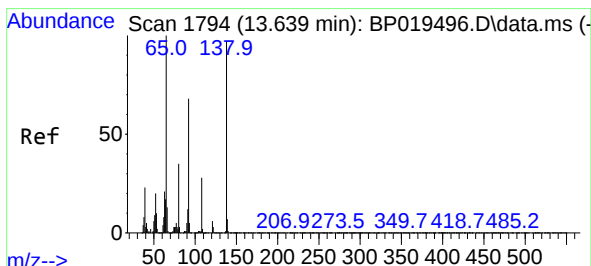
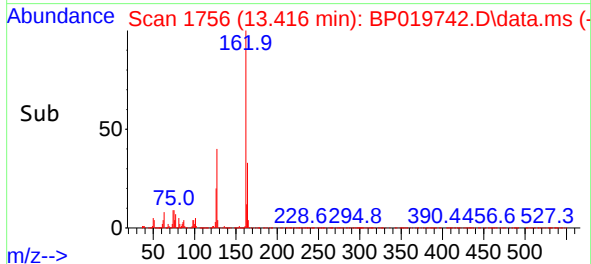
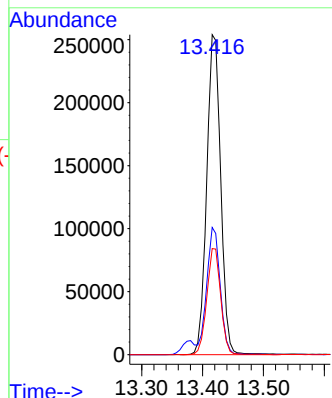
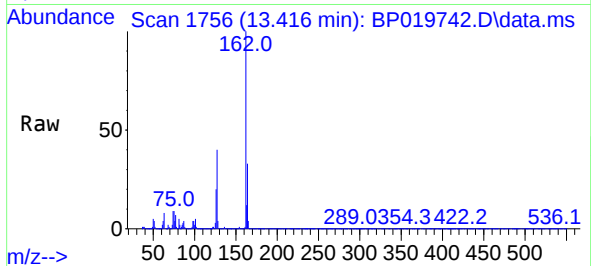
ClientSampleId :

PB158970BSD

Tgt Ion:162 Resp: 406289
Ion Ratio Lower Upper
162 100
127 39.8 32.1 48.1
164 33.2 26.7 40.1

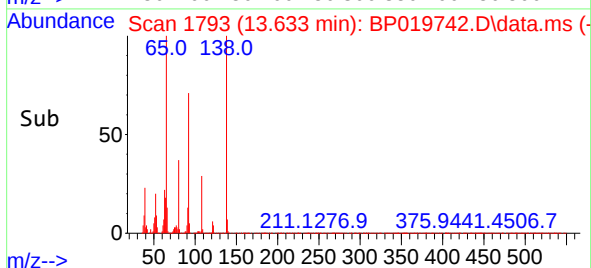
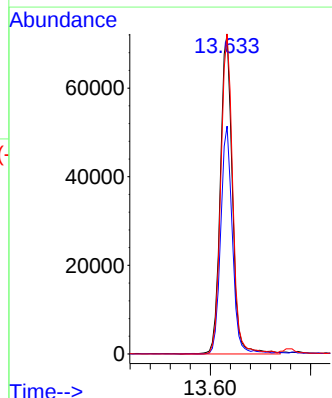
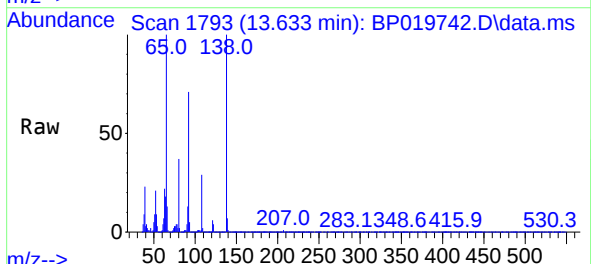
Manual Integrations
APPROVED

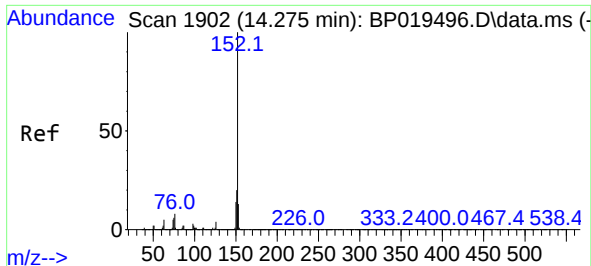
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#48
2-Nitroaniline
Concen: 43.149 ng
RT: 13.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion: 65 Resp: 119845
Ion Ratio Lower Upper
65 100
92 71.2 54.7 82.1
138 100.0 77.8 116.6





#49
Acenaphthylene
Concen: 45.701 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

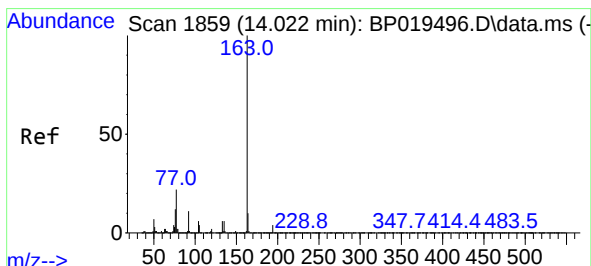
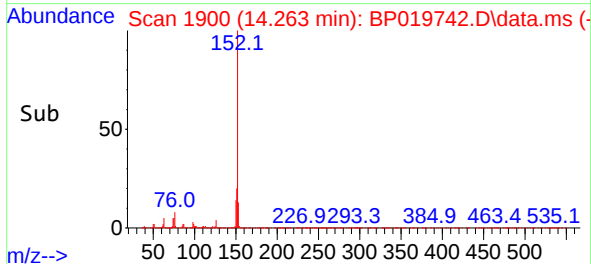
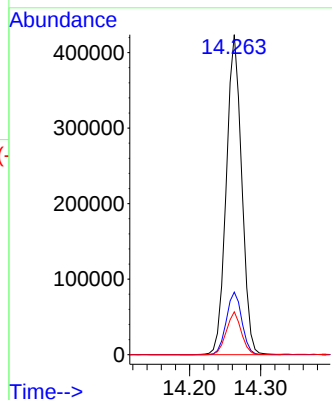
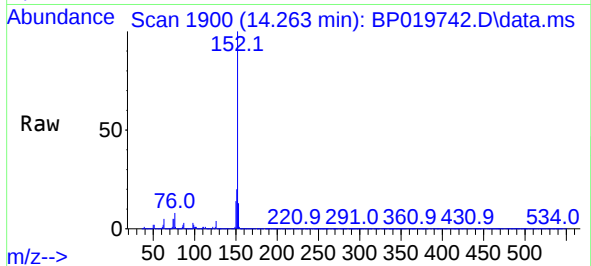
PB158970BSD

Tgt Ion:152 Resp: 636870
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.4 10.6 15.8

Manual Integrations

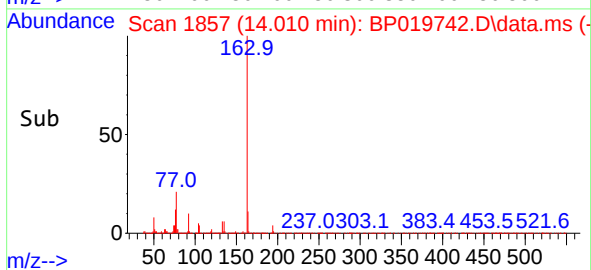
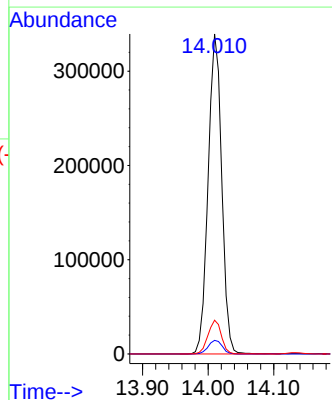
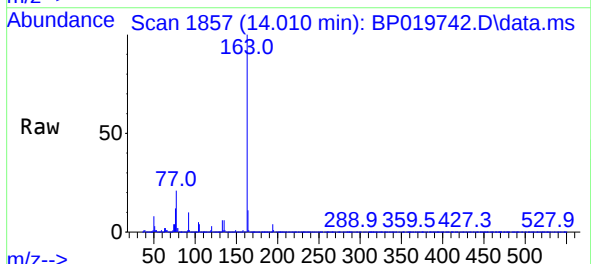
APPROVED

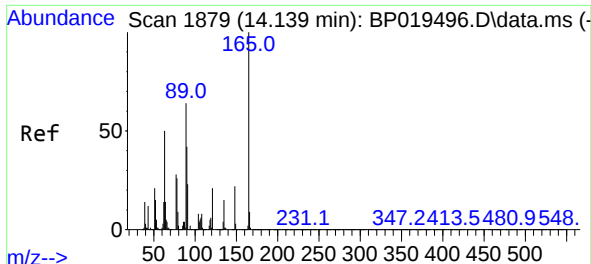
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#50
Dimethylphthalate
Concen: 42.143 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:163 Resp: 489112
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.5 7.8 11.6





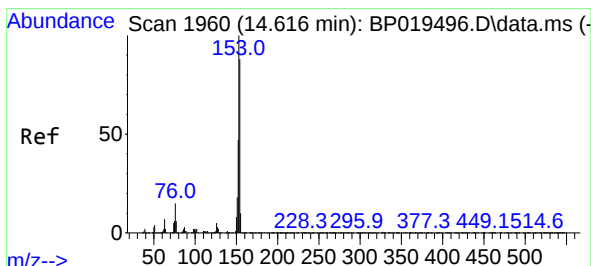
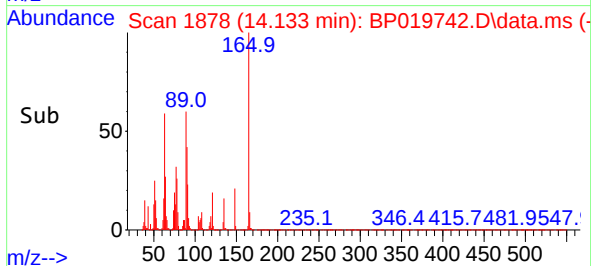
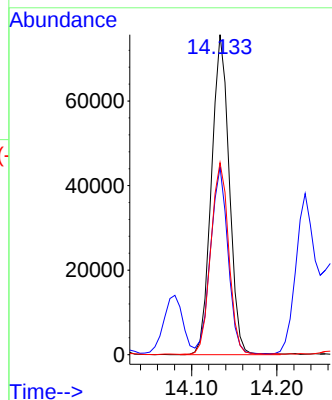
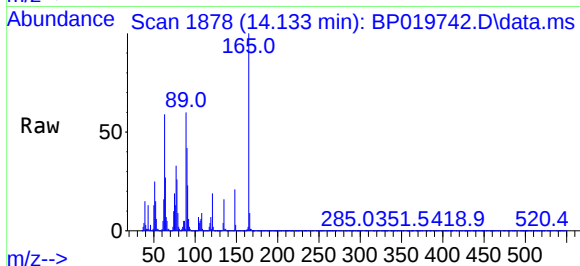
#51
2,6-Dinitrotoluene
Concen: 43.006 ng
RT: 14.133 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :
BNA_P
ClientSampleId :
PB158970BSD

Tgt Ion:165 Resp: 10966
Ion Ratio Lower Upper
165 100
63 58.6 50.4 75.6
89 60.0 51.7 77.5

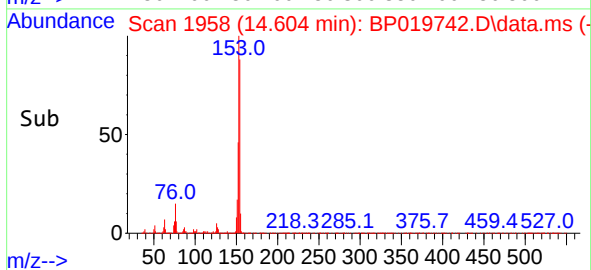
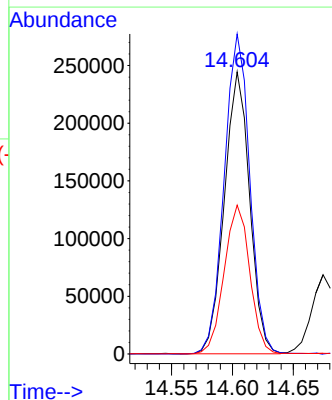
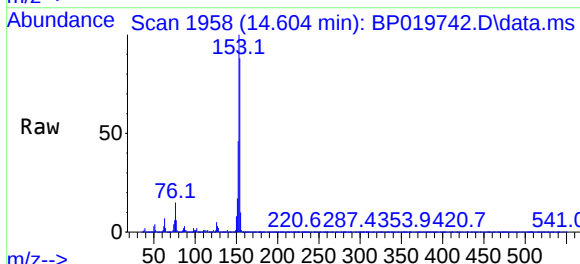
Manual Integrations
APPROVED

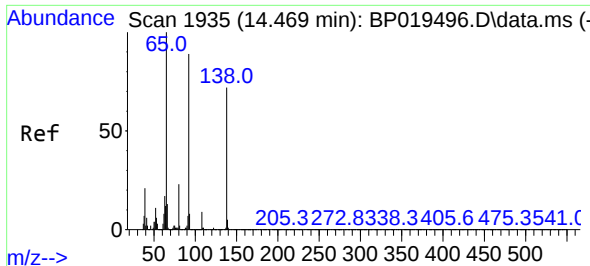
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#52
Acenaphthene
Concen: 40.893 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

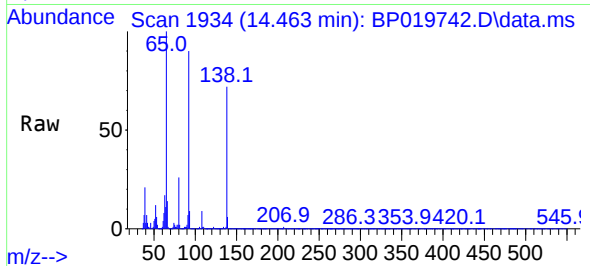
Tgt Ion:154 Resp: 353686
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 52.8 42.1 63.1





#53
3-Nitroaniline
Concen: 29.589 ng
RT: 14.463 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

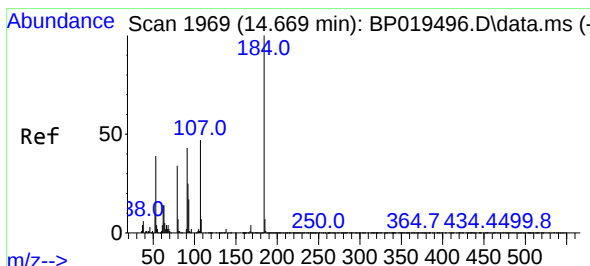
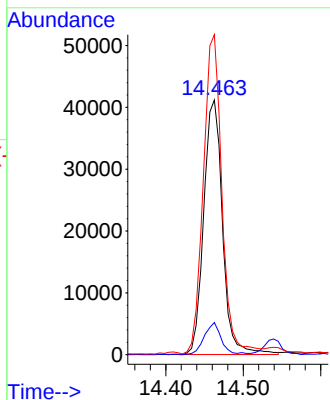
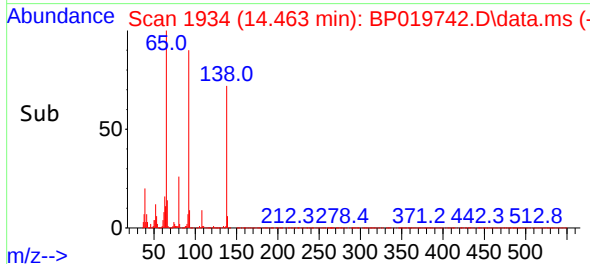
Instrument :
BNA_P
ClientSampleId :
PB158970BSD



Tgt Ion:138 Resp: 69338
Ion Ratio Lower Upper
138 100
108 12.6 9.7 14.5
92 125.7 98.0 147.0

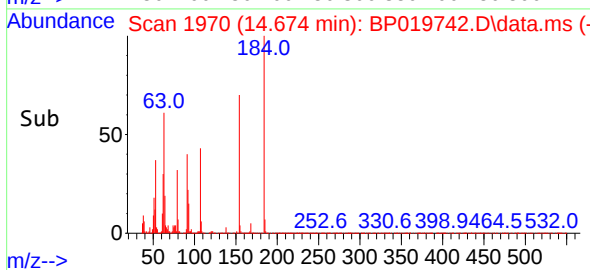
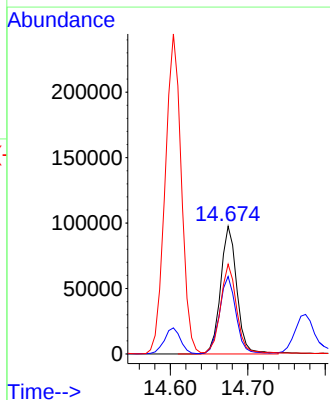
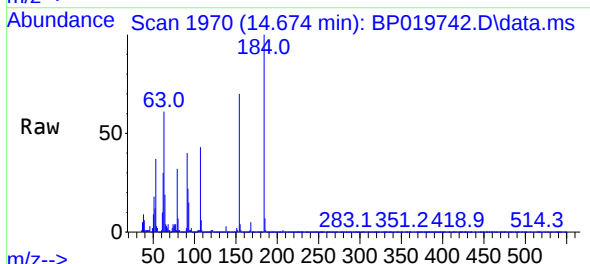
Manual Integrations
APPROVED

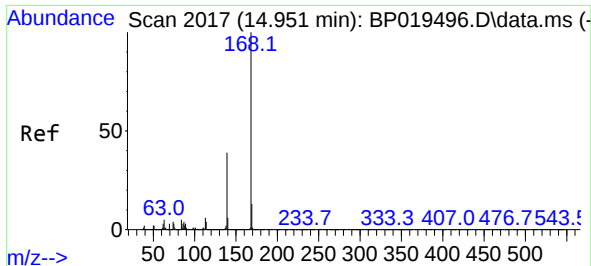
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#54
2,4-Dinitrophenol
Concen: 107.282 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.005 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

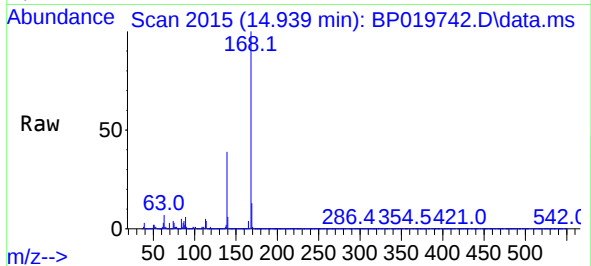
Tgt Ion:184 Resp: 142036
Ion Ratio Lower Upper
184 100
63 60.7 50.5 75.7
154 70.4 53.4 80.0





#55
Dibenzenofuran
Concen: 43.052 ng
RT: 14.939 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

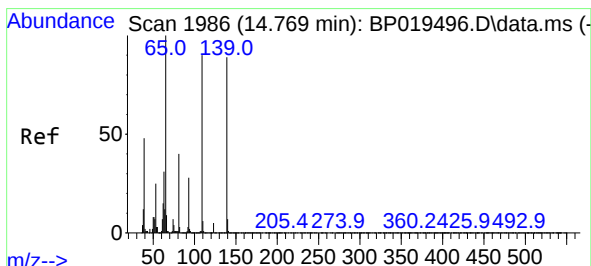
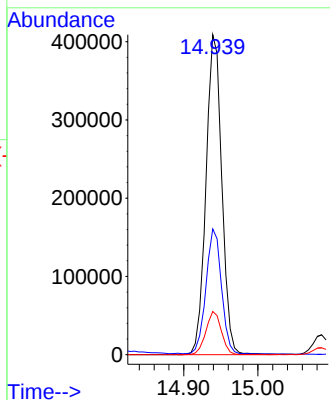
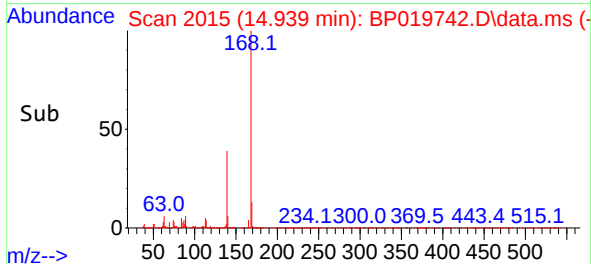
Instrument :
BNA_P
ClientSampleId :
PB158970BSD



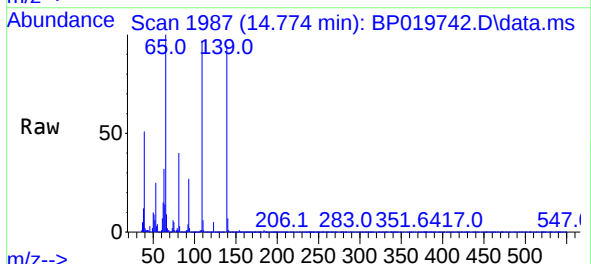
Tgt Ion:168 Resp: 606472
Ion Ratio Lower Upper
168 100
139 39.3 31.5 47.3
169 13.5 10.3 15.5

Manual Integrations
APPROVED

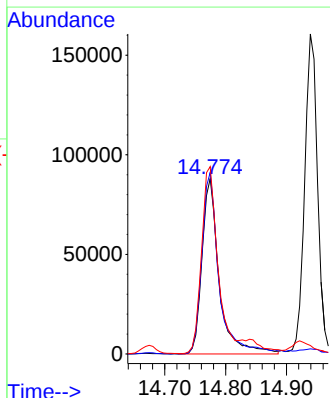
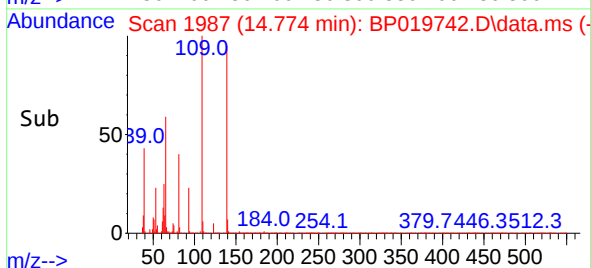
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

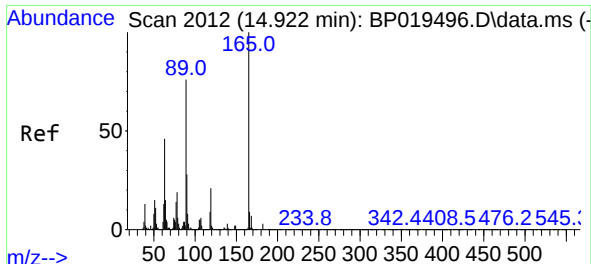


#56
4-Nitrophenol
Concen: 89.966 ng
RT: 14.774 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24



Tgt Ion:139 Resp: 172800
Ion Ratio Lower Upper
139 100
109 103.6 82.0 122.0
65 106.8 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 45.950 ng
RT: 14.922 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

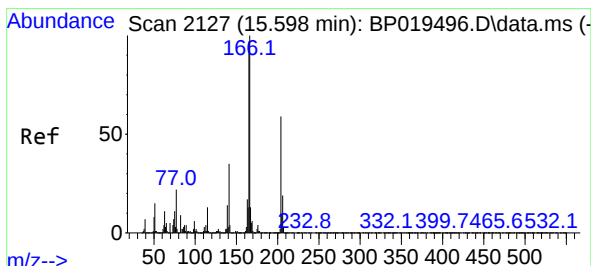
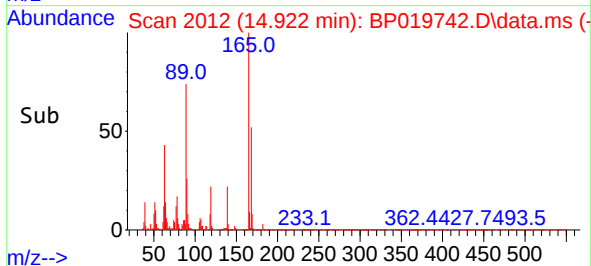
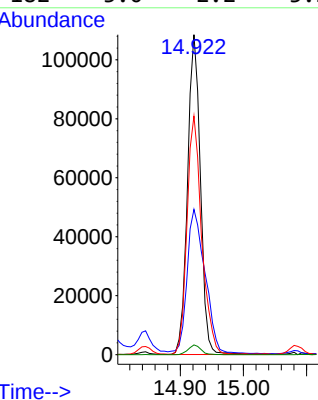
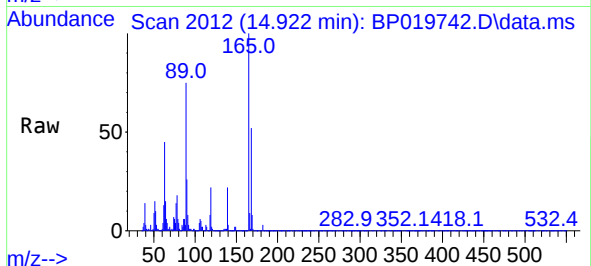
ClientSampleId :

PB158970BSD

Tgt Ion:165 Resp: 153544
Ion Ratio Lower Upper
165 100
63 45.4 36.9 55.3
89 74.6 61.1 91.7
182 3.0 2.2 3.2

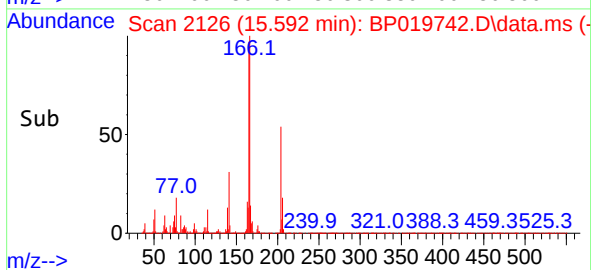
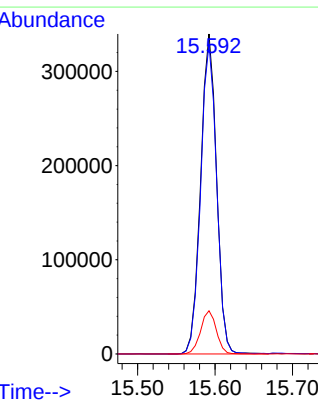
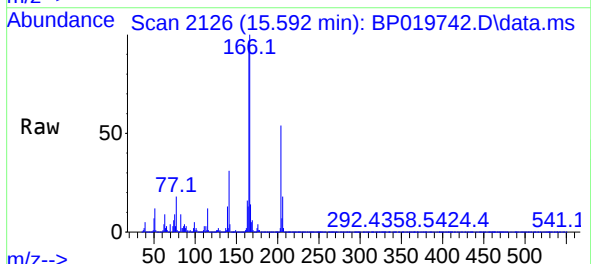
Manual Integrations
APPROVED

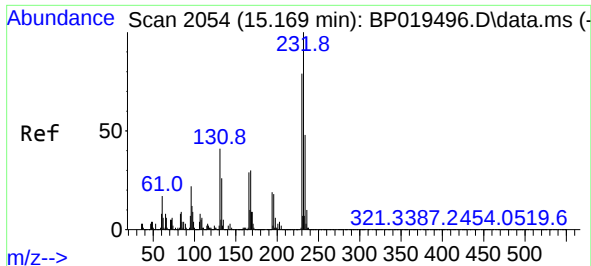
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#58
Fluorene
Concen: 43.162 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

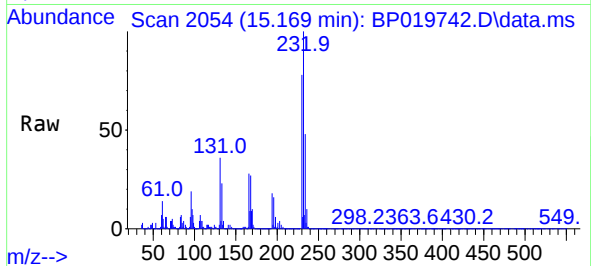
Tgt Ion:166 Resp: 484274
Ion Ratio Lower Upper
166 100
165 96.9 77.8 116.8
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.607 ng
RT: 15.169 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

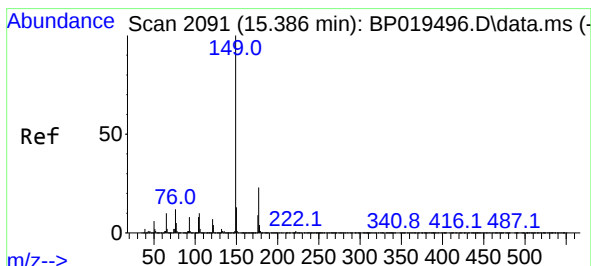
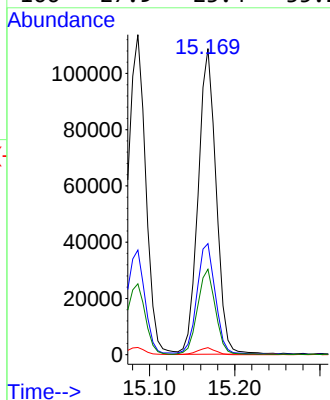
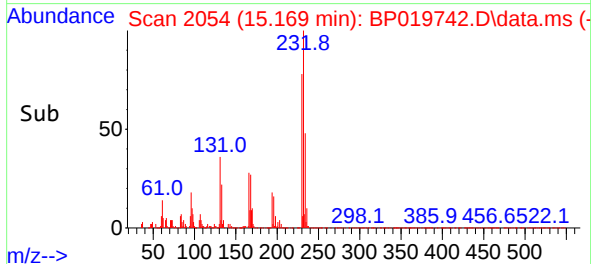
Instrument :
BNA_P
ClientSampleId :
PB158970BSD



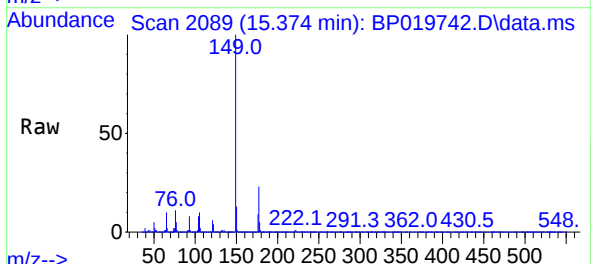
Tgt Ion:232 Resp: 158950
Ion Ratio Lower Upper
232 100
131 37.3 32.4 48.6
130 2.3 1.9 2.9
166 27.9 23.4 35.2

Manual Integrations
APPROVED

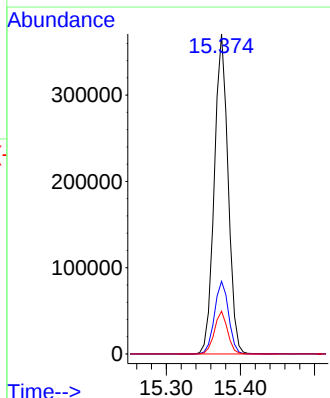
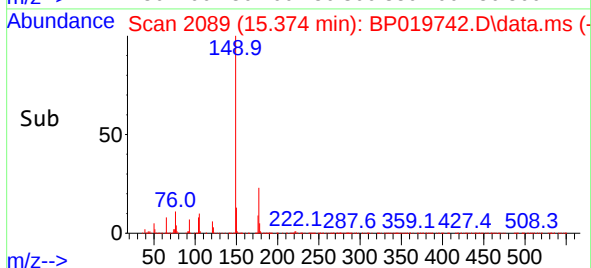
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

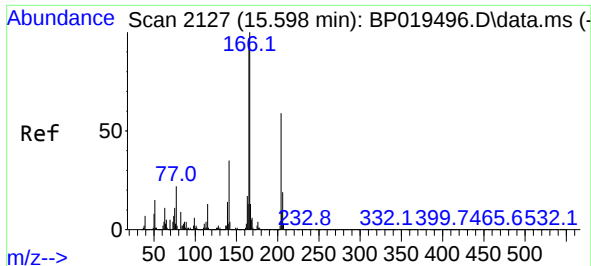


#60
Diethylphthalate
Concen: 41.407 ng
RT: 15.374 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24



Tgt Ion:149 Resp: 478001
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 13.4 10.2 15.4





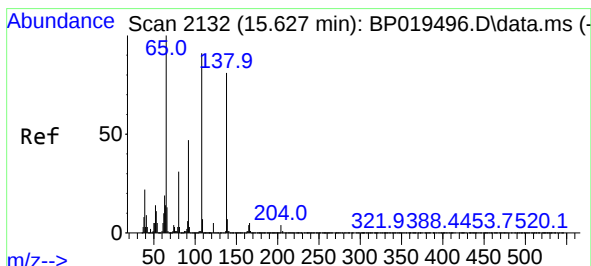
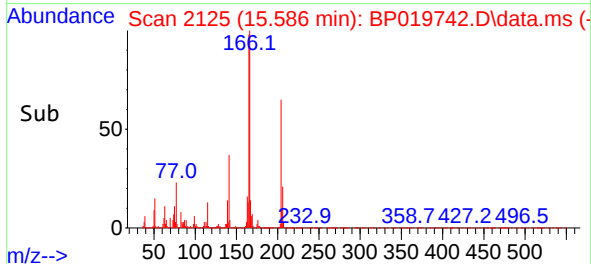
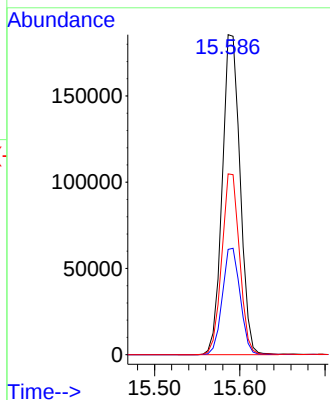
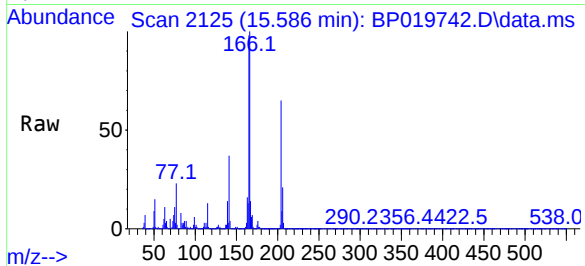
#61
4-Chlorophenyl-phenylether
Concen: 42.738 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :
BNA_P
ClientSampleId :
PB158970BSD

Tgt Ion:204 Resp: 26951
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 56.5 48.5 72.7

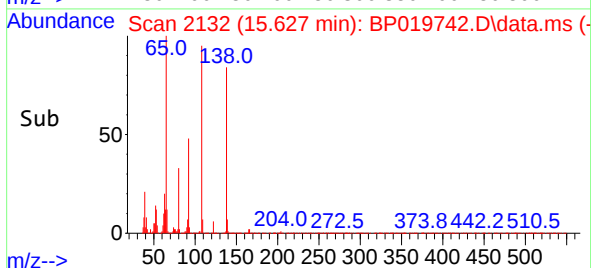
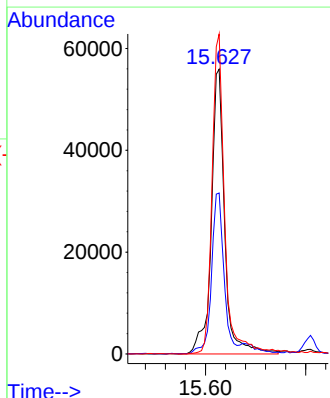
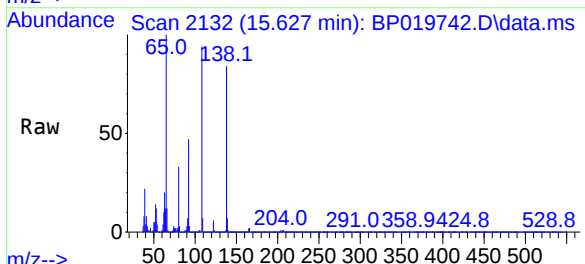
Manual Integrations
APPROVED

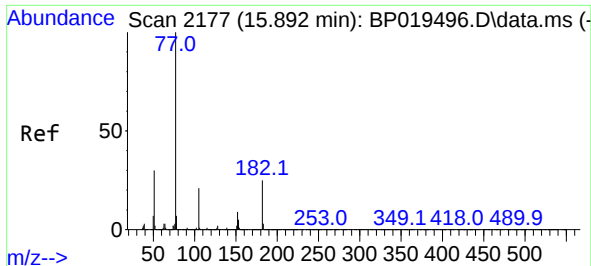
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#62
4-Nitroaniline
Concen: 42.171 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:138 Resp: 103586
Ion Ratio Lower Upper
138 100
92 56.5 38.3 78.3
108 112.4 91.2 131.2





#63
Azobenzene
Concen: 39.468 ng
RT: 15.886 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB158970BSD

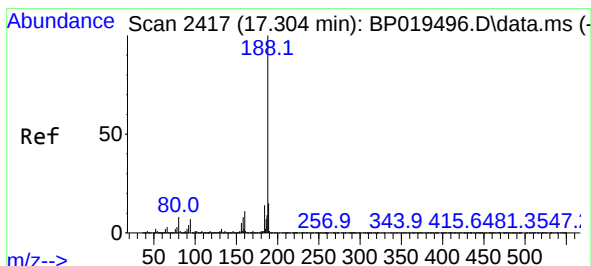
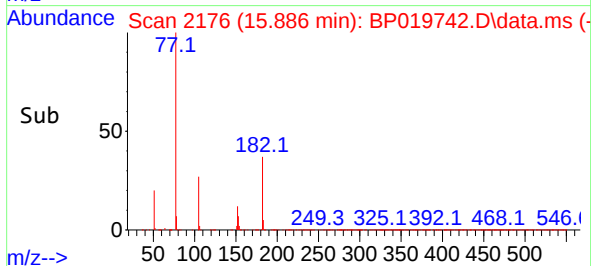
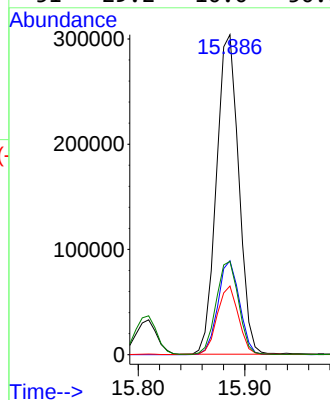
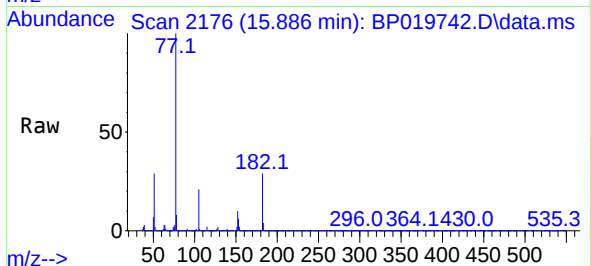
Tgt Ion: 77 Resp: 44058
Ion Ratio Lower Upper
77 100
182 29.3 5.1 45.1
105 21.4 0.8 40.8
51 29.2 10.0 50.0

Manual Integrations

APPROVED

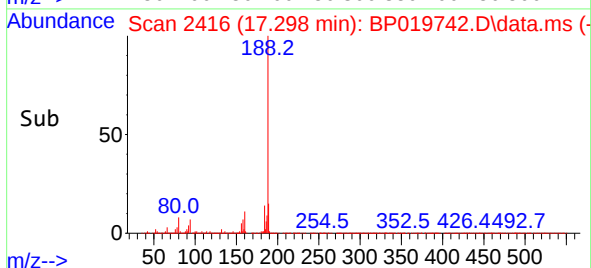
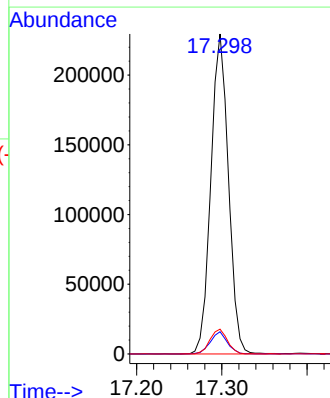
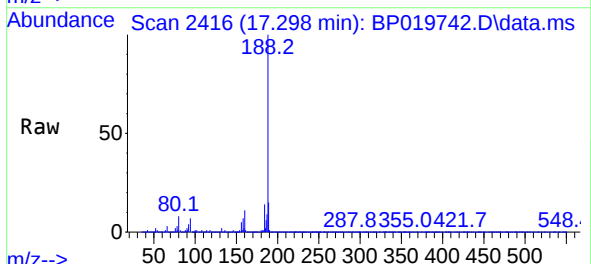
Reviewed By :Yogesh Patel 02/19/2024

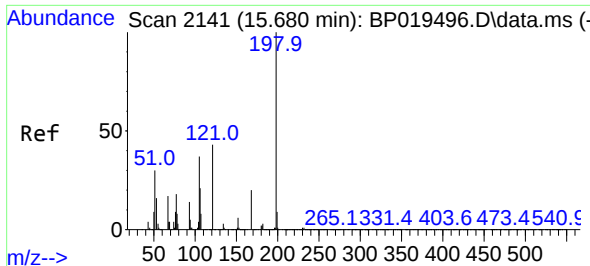
Supervised By :mohammad ahmed 02/19/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

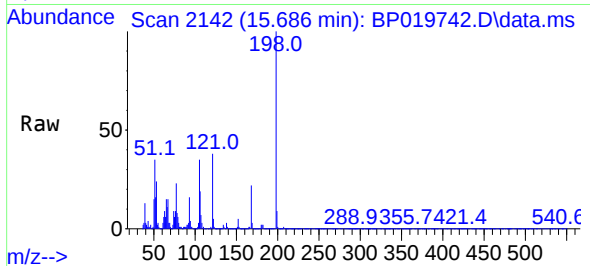
Tgt Ion:188 Resp: 329252
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 7.7 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 50.807 ng
RT: 15.686 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

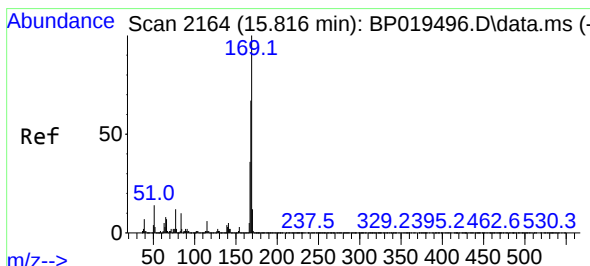
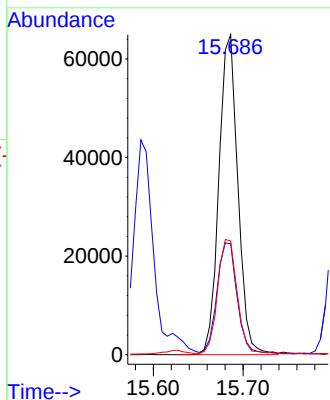
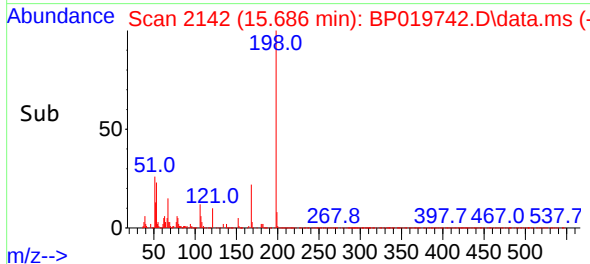
Instrument :
BNA_P
ClientSampleId :
PB158970BSD



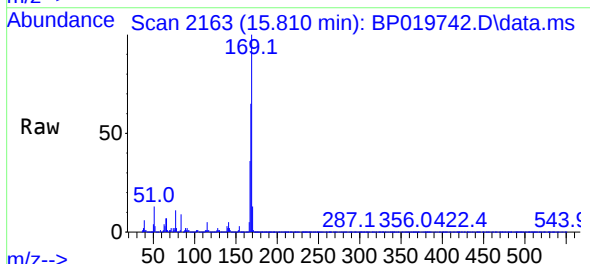
Tgt Ion:198 Resp: 95380
Ion Ratio Lower Upper
198 100
51 34.7 21.2 61.2
105 35.5 19.1 59.1

Manual Integrations
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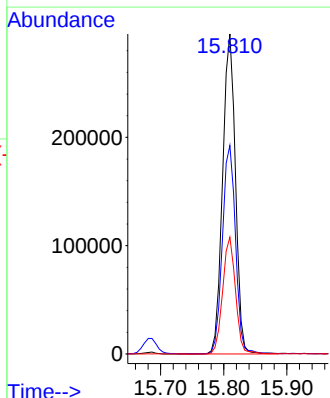
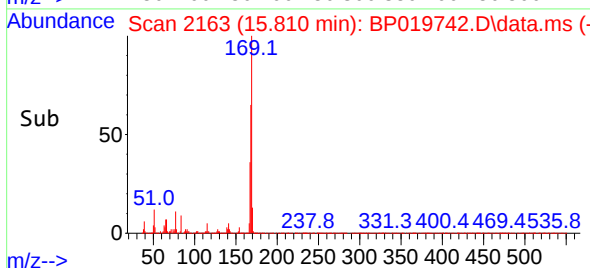
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

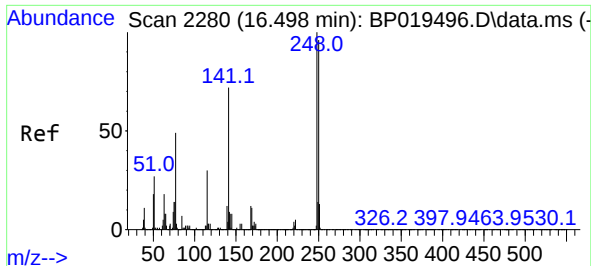


#66
n-Nitrosodiphenylamine
Concen: 42.230 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24



Tgt Ion:169 Resp: 416423
Ion Ratio Lower Upper
169 100
168 65.1 53.4 80.2
167 36.5 28.9 43.3





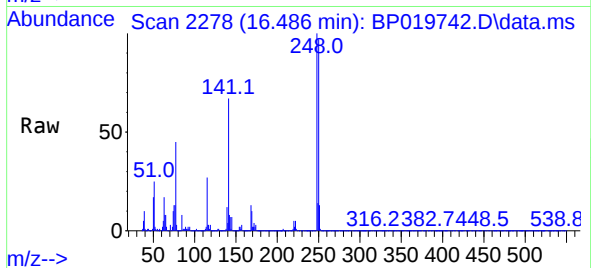
#67
4-Bromophenyl-phenylether
Concen: 43.478 ng
RT: 16.486 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB158970BSD



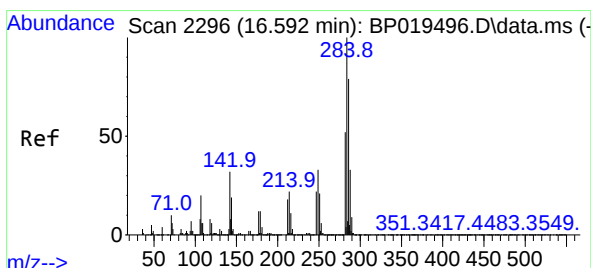
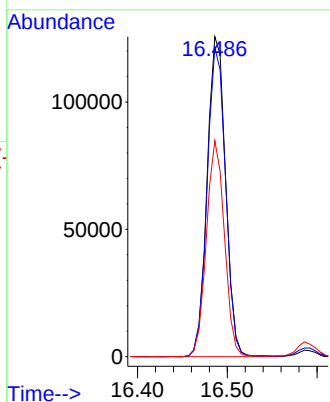
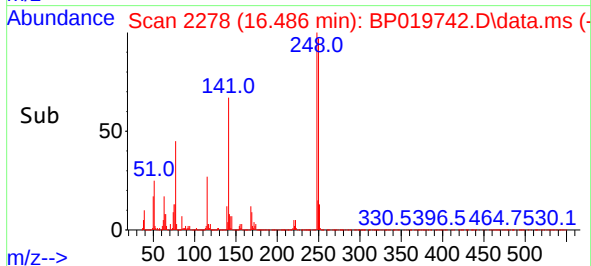
Tgt Ion:248 Resp: 17895
Ion Ratio Lower Upper
248 100
250 96.6 76.9 115.3
141 67.5 58.0 87.0

Manual Integrations

APPROVED

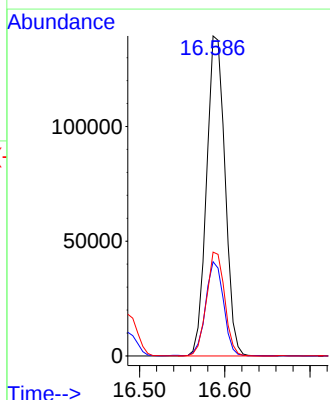
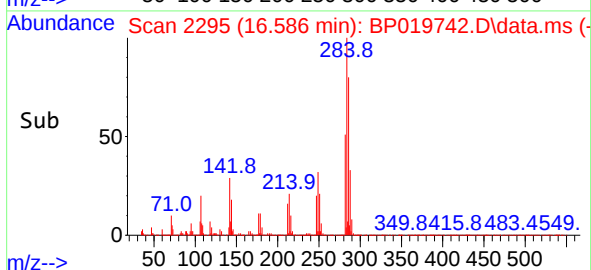
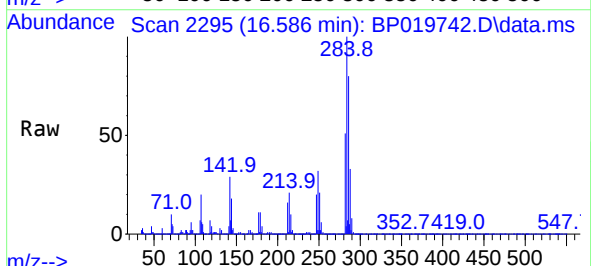
Reviewed By :Yogesh Patel 02/19/2024

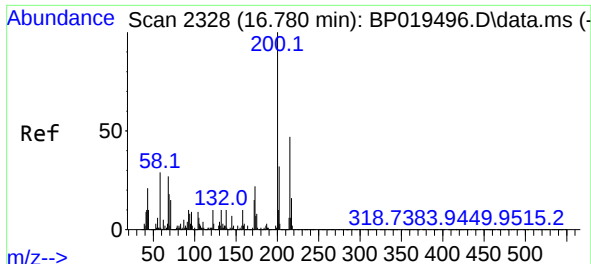
Supervised By :mohammad ahmed 02/19/2024



#68
Hexachlorobenzene
Concen: 43.645 ng
RT: 16.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

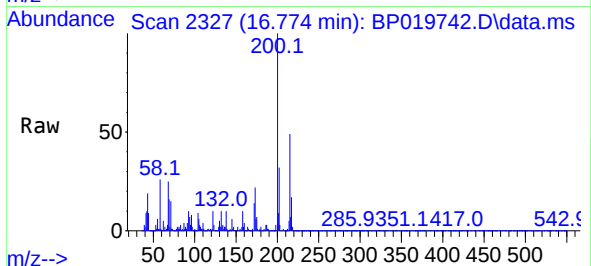
Tgt Ion:284 Resp: 209786
Ion Ratio Lower Upper
284 100
142 29.4 25.4 38.2
249 32.5 26.5 39.7





#69
Atrazine
Concen: 48.073 ng
RT: 16.774 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

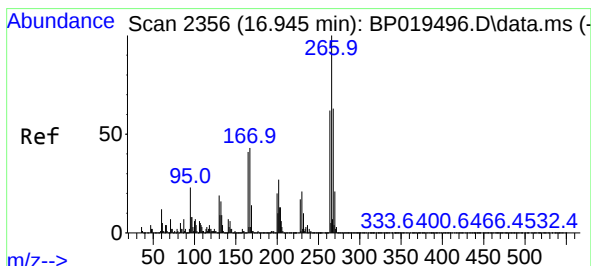
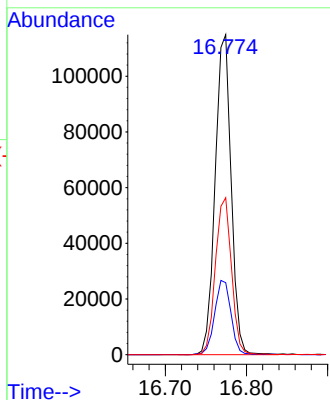
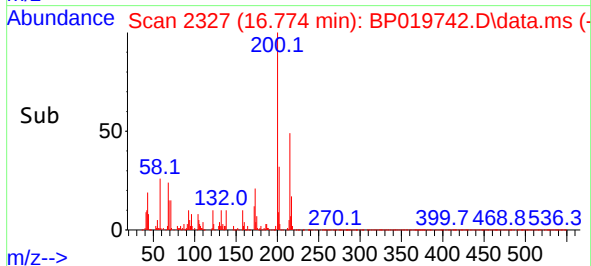
Instrument :
BNA_P
ClientSampleId :
PB158970BSD



Tgt Ion:200 Resp: 157300
Ion Ratio Lower Upper
200 100
173 22.5 1.7 41.7
215 49.1 26.9 66.9

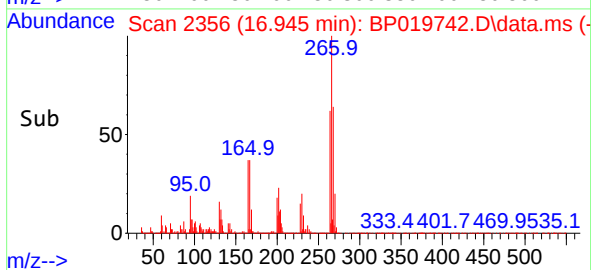
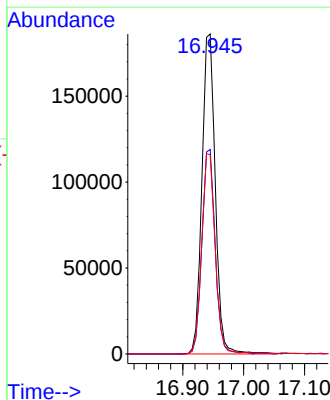
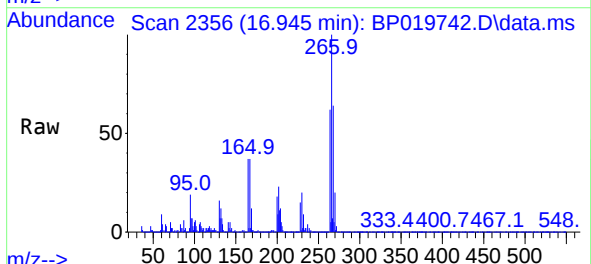
Manual Integrations
APPROVED

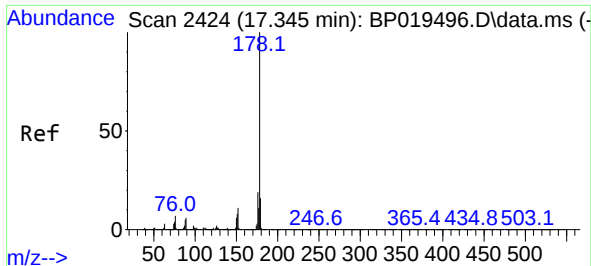
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#70
Pentachlorophenol
Concen: 94.683 ng
RT: 16.945 min Scan# 2356
Delta R.T. -0.000 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

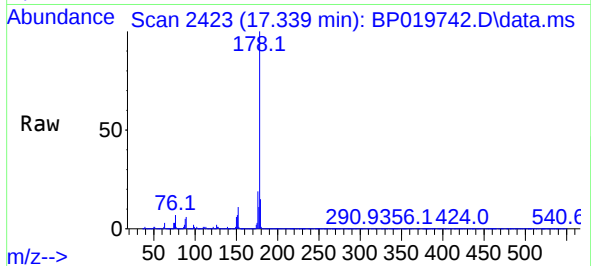
Tgt Ion:266 Resp: 283415
Ion Ratio Lower Upper
266 100
268 63.9 50.3 75.5
264 62.2 49.7 74.5





#71
Phenanthrene
Concen: 43.628 ng
RT: 17.339 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

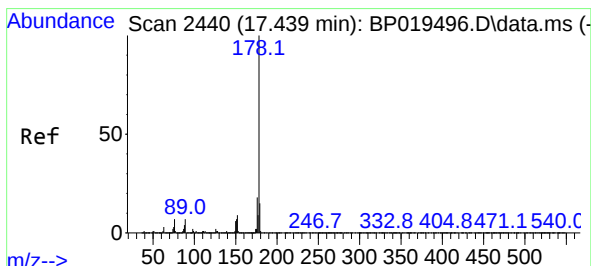
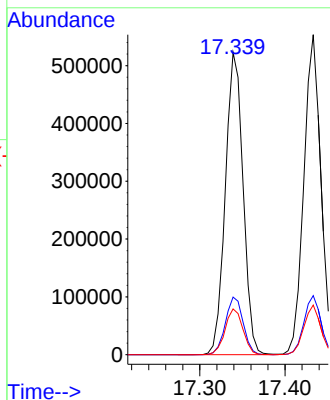
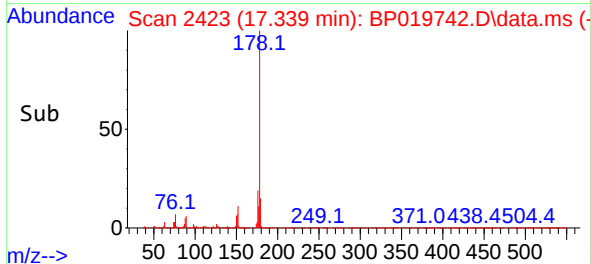
Instrument :
BNA_P
ClientSampleId :
PB158970BSD



Tgt Ion:178 Resp: 75595
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.2 12.6 19.0

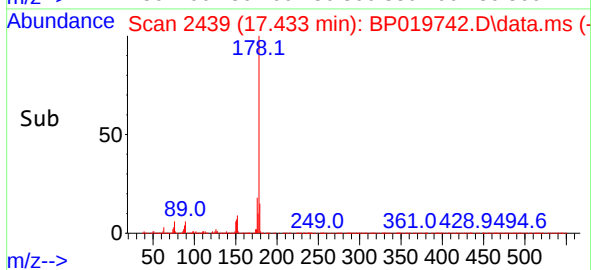
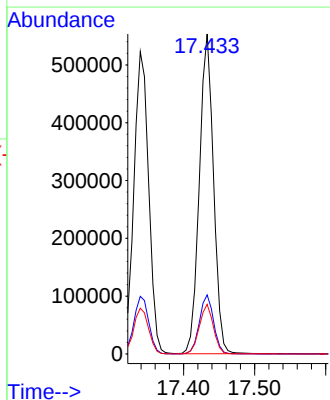
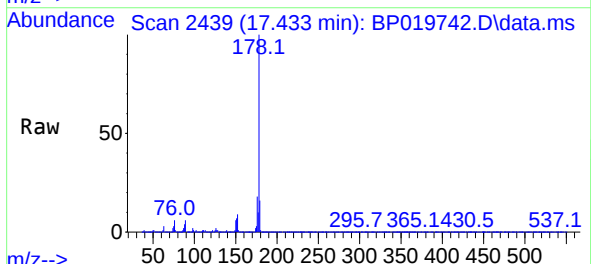
Manual Integrations
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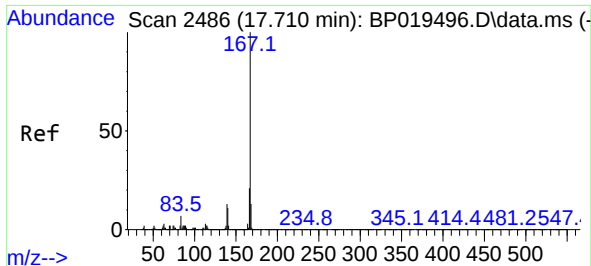
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#72
Anthracene
Concen: 44.576 ng
RT: 17.433 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:178 Resp: 770500
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.5 12.2 18.2





#73
 Carbazole
 Concen: 43.280 ng
 RT: 17.710 min Scan# 2486
 Delta R.T. -0.000 min
 Lab File: BP019742.D
 Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

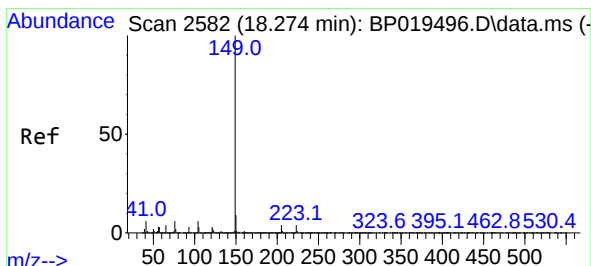
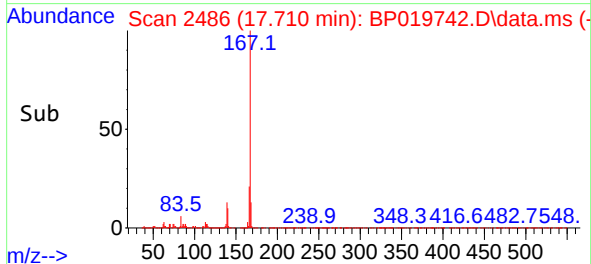
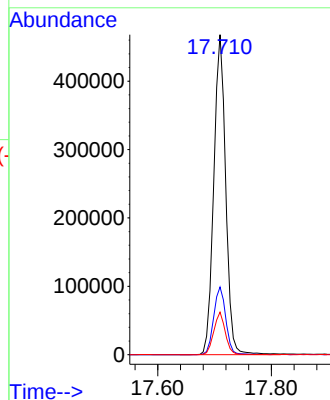
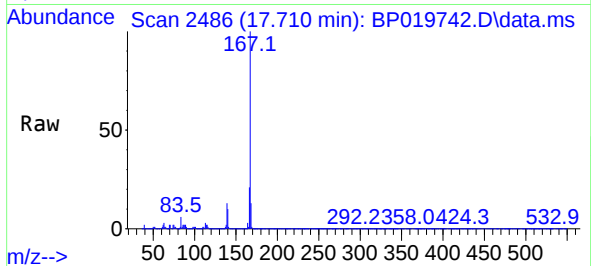
ClientSampleId :

PB158970BSD

Tgt Ion:167 Resp: 67960
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.3 10.6 15.8

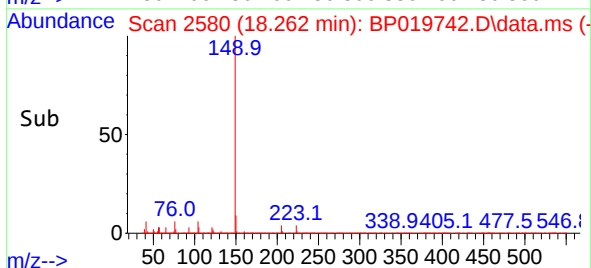
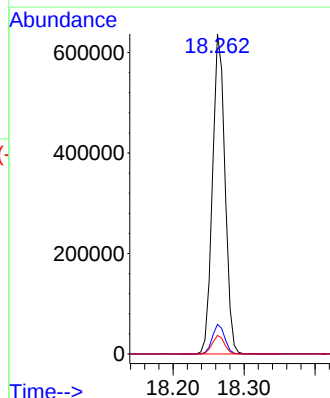
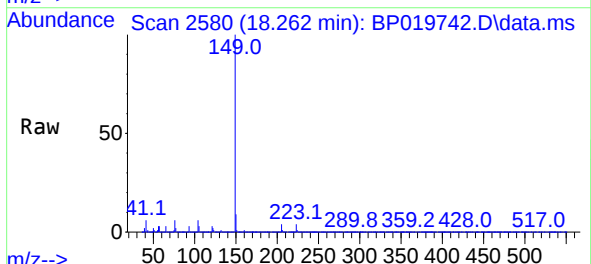
Manual Integrations
 APPROVED

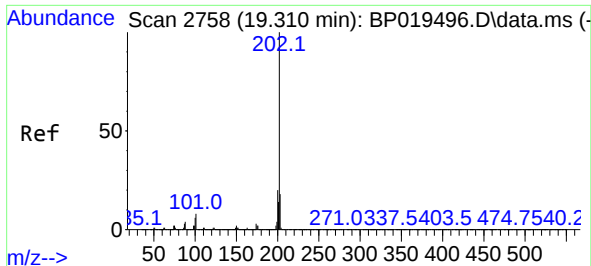
Reviewed By :Yogesh Patel 02/19/2024
 Supervised By :mohammad ahmed 02/19/2024



#74
 Di-n-butylphthalate
 Concen: 40.948 ng
 RT: 18.262 min Scan# 2580
 Delta R.T. -0.012 min
 Lab File: BP019742.D
 Acq: 16 Feb 2024 13:24

Tgt Ion:149 Resp: 777463
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.8 4.8 7.2





#75
Fluoranthene
Concen: 43.934 ng
RT: 19.310 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB158970BSD

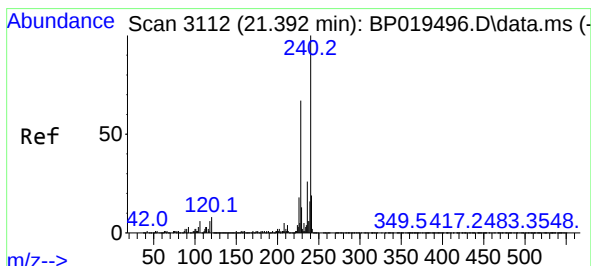
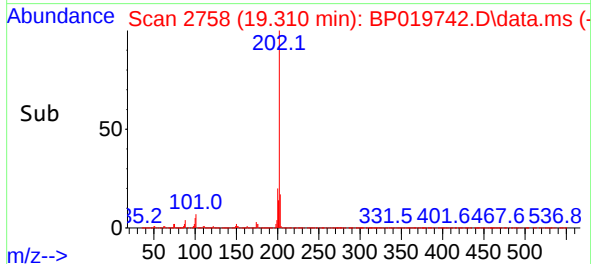
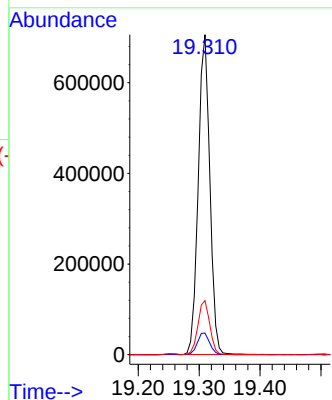
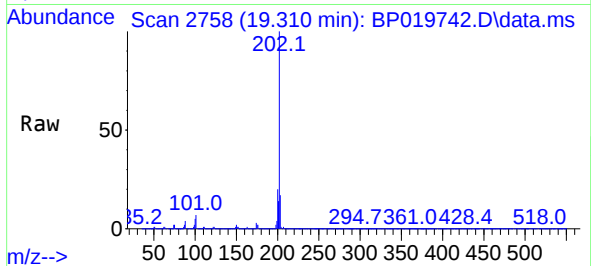
Tgt Ion:202 Resp: 929972
Ion Ratio Lower Upper
202 100
101 6.8 0.0 27.7
203 16.9 0.0 37.5

Manual Integrations

APPROVED

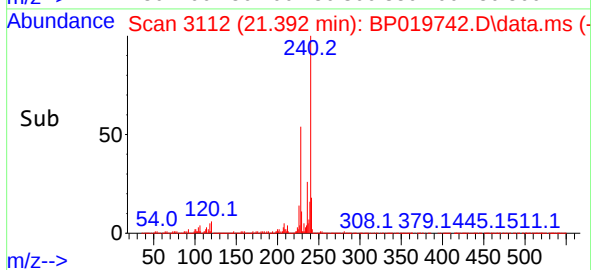
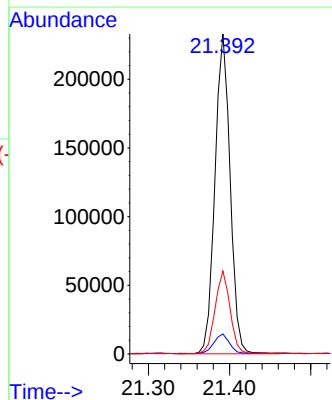
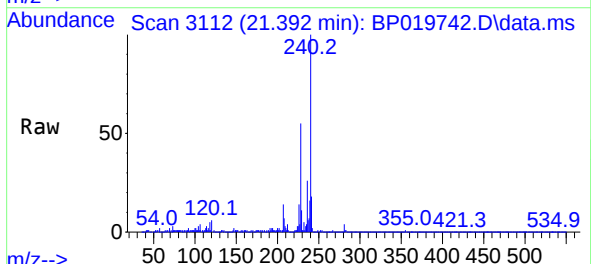
Reviewed By :Yogesh Patel 02/19/2024

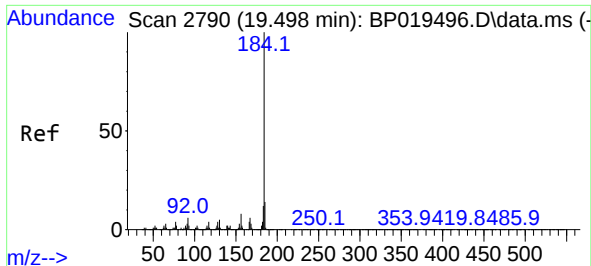
Supervised By :mohammad ahmed 02/19/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:240 Resp: 302153
Ion Ratio Lower Upper
240 100
120 6.3 6.1 9.1
236 25.9 20.7 31.1





#77
Benzidine
Concen: 43.356 ng
RT: 19.498 min Scan# 2790
Delta R.T. -0.000 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB158970BSD

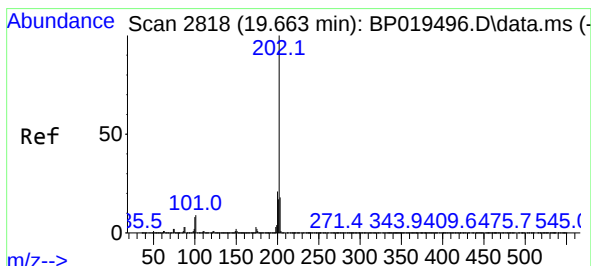
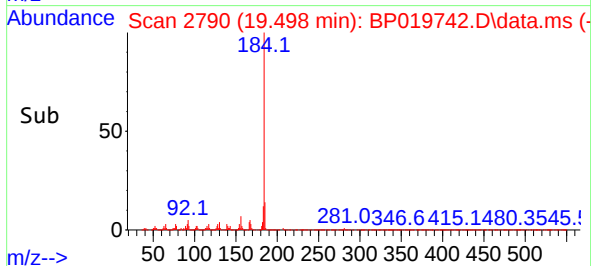
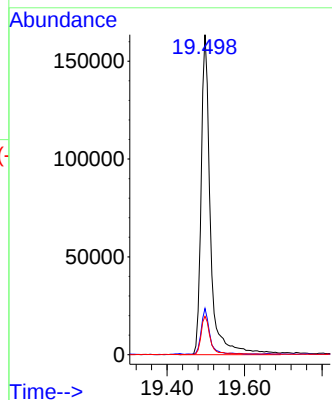
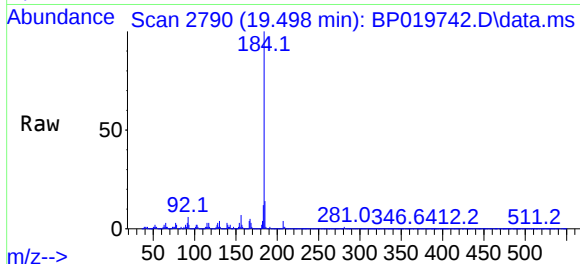
Tgt Ion:184 Resp: 273880
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 12.0 9.7 14.5

Manual Integrations

APPROVED

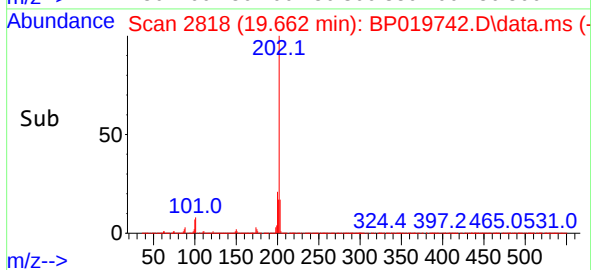
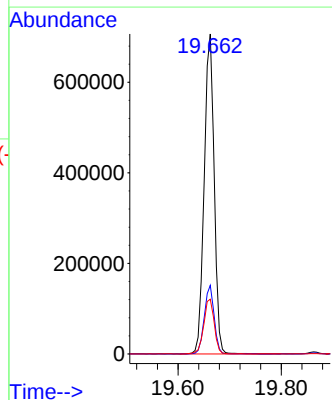
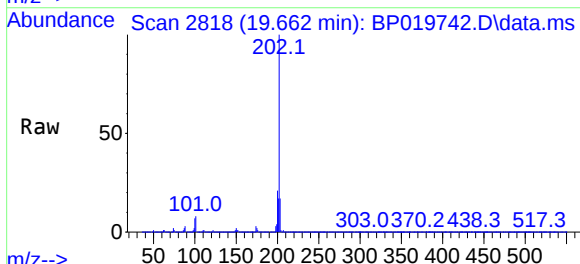
Reviewed By :Yogesh Patel 02/19/2024

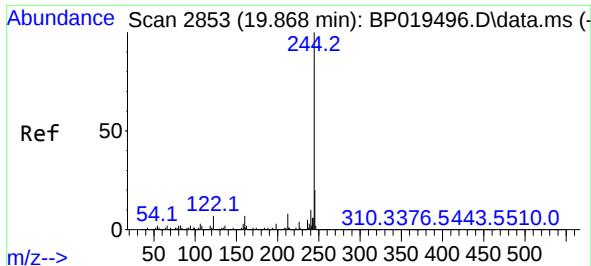
Supervised By :mohammad ahmed 02/19/2024



#78
Pyrene
Concen: 44.389 ng
RT: 19.662 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:202 Resp: 946589
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.1 14.2 21.2





#79
 Terphenyl-d14
 Concen: 88.043 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019742.D
 Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

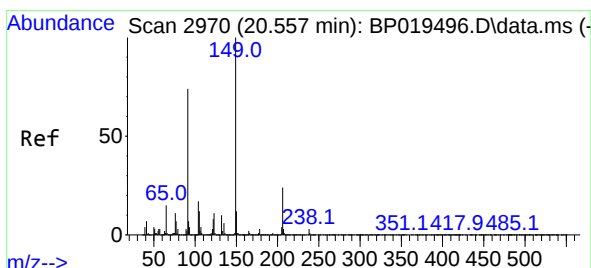
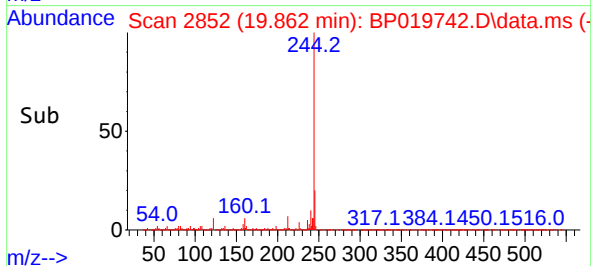
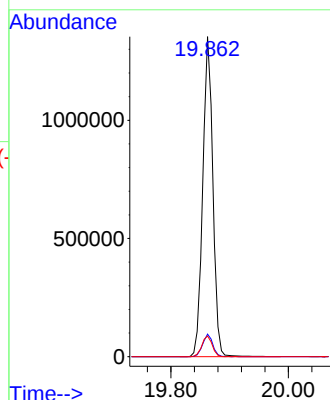
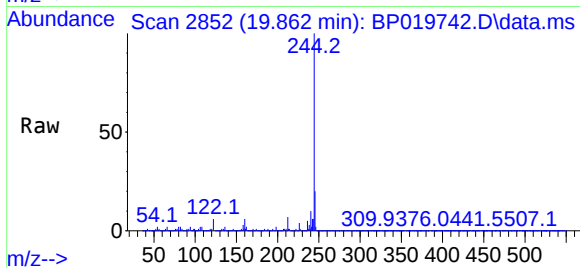
PB158970BSD

Tgt Ion:244 Resp: 161761
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.5 5.9 8.9

Manual Integrations

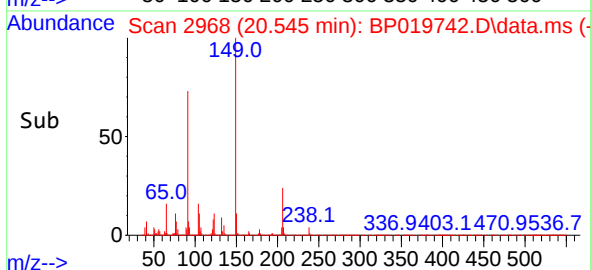
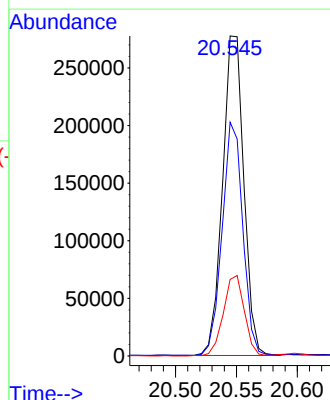
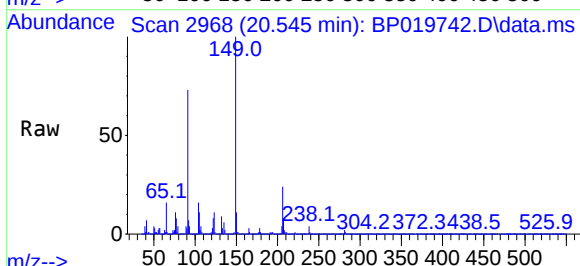
APPROVED

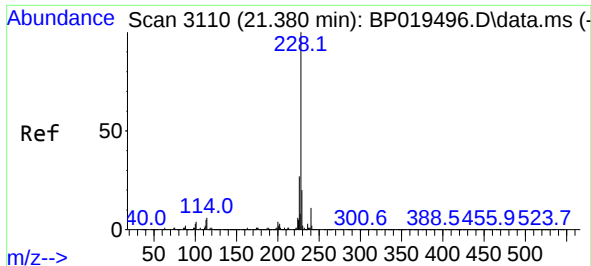
Reviewed By :Yogesh Patel 02/19/2024
 Supervised By :mohammad ahmed 02/19/2024



#80
 Butylbenzylphthalate
 Concen: 42.519 ng
 RT: 20.545 min Scan# 2968
 Delta R.T. -0.012 min
 Lab File: BP019742.D
 Acq: 16 Feb 2024 13:24

Tgt Ion:149 Resp: 338600
 Ion Ratio Lower Upper
 149 100
 91 73.0 59.4 89.0
 206 23.9 19.0 28.6





#81
Benzo(a)anthracene
Concen: 43.831 ng
RT: 21.374 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

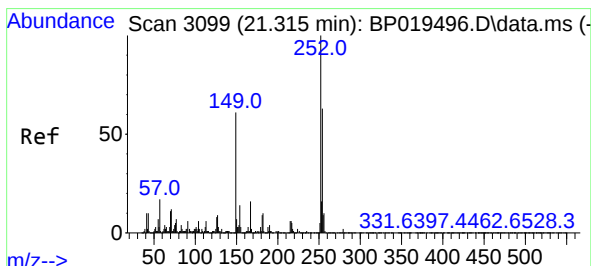
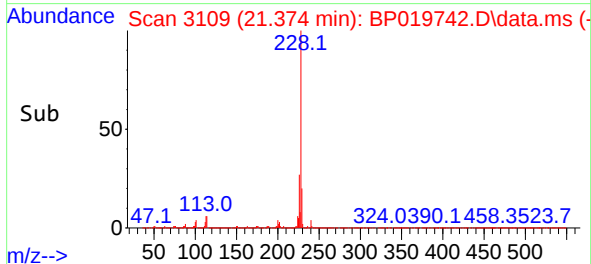
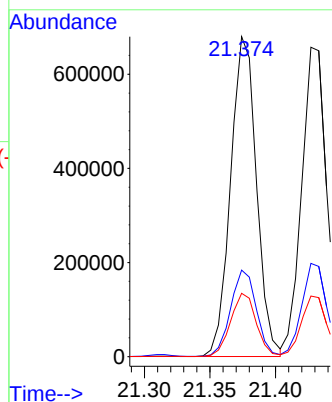
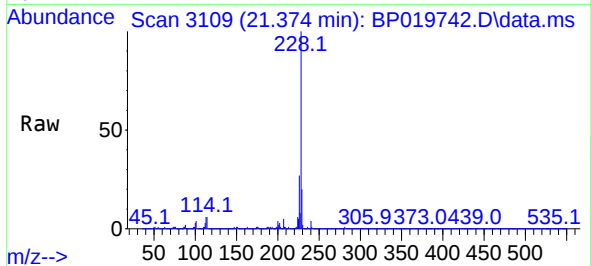
PB158970BSD

Tgt Ion:228 Resp: 932254
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.8 15.6 23.4

Manual Integrations

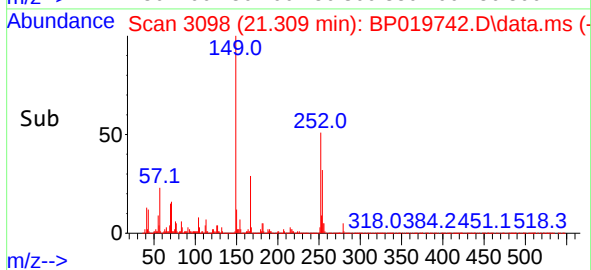
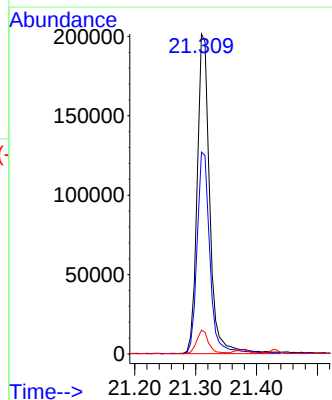
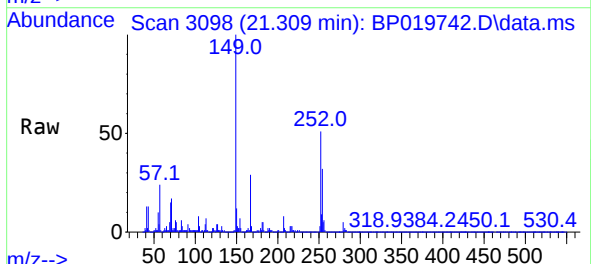
APPROVED

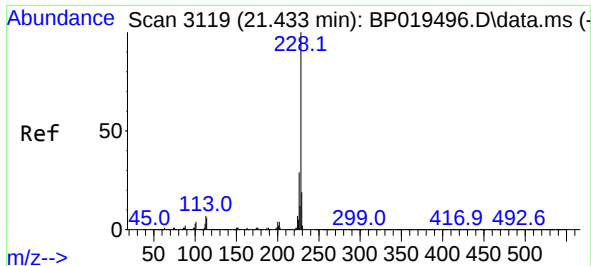
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#82
3,3'-Dichlorobenzidine
Concen: 37.337 ng
RT: 21.309 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:252 Resp: 289380
Ion Ratio Lower Upper
252 100
254 63.1 50.7 76.1
126 7.5 6.4 9.6





#83
Chrysene
Concen: 43.062 ng
RT: 21.427 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

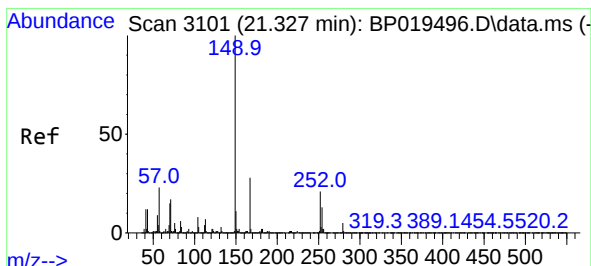
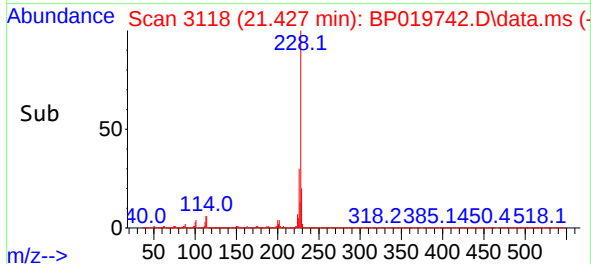
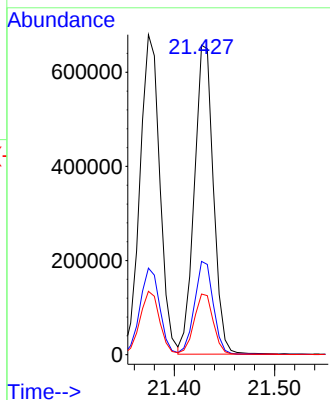
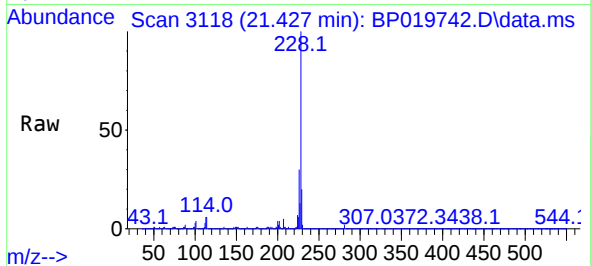
ClientSampleId :

PB158970BSD

Tgt Ion:228 Resp: 869562
Ion Ratio Lower Upper
228 100
226 30.2 23.4 35.2
229 19.6 15.6 23.4

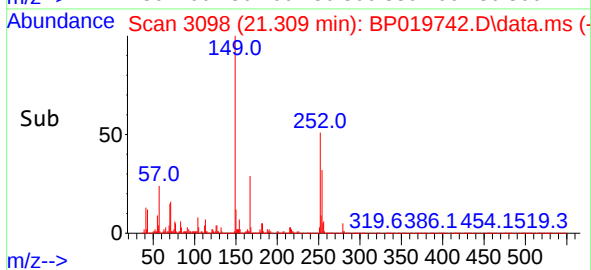
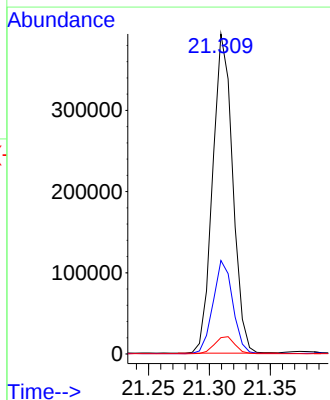
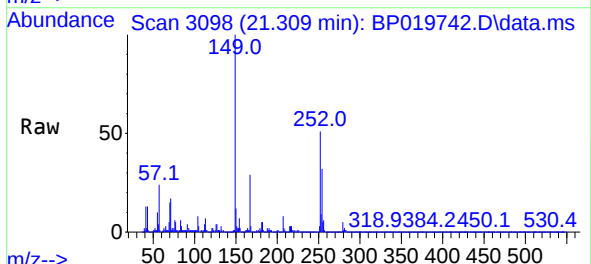
Manual Integrations
APPROVED

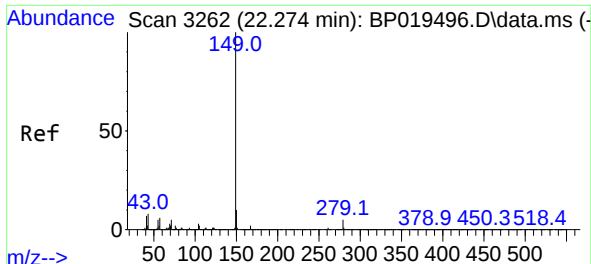
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.093 ng
RT: 21.309 min Scan# 3098
Delta R.T. -0.018 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

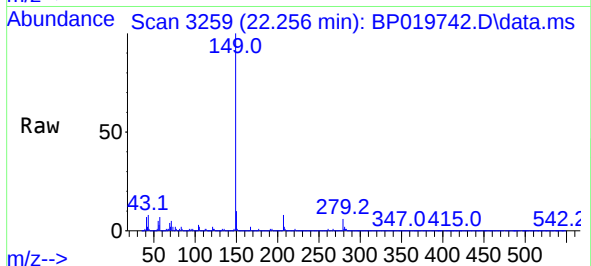
Tgt Ion:149 Resp: 449806
Ion Ratio Lower Upper
149 100
167 29.2 22.7 34.1
279 5.1 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 35.811 ng
RT: 22.256 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

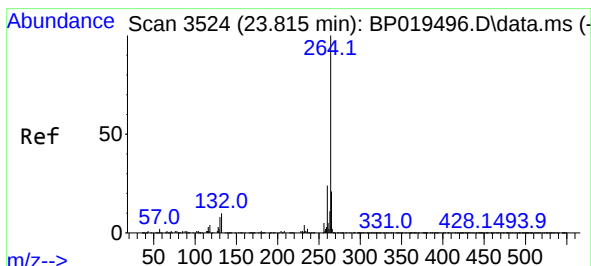
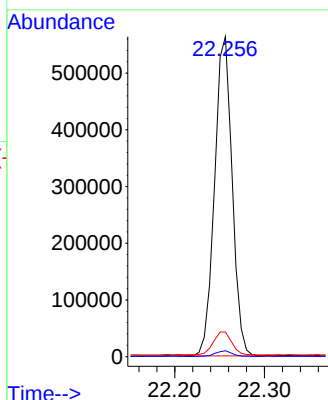
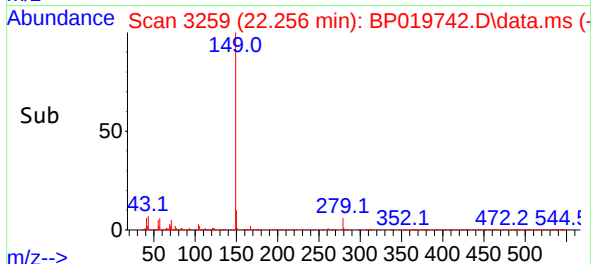
Instrument :
BNA_P
ClientSampleId :
PB158970BSD



Tgt Ion:149 Resp: 764058
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.5 6.3 9.5

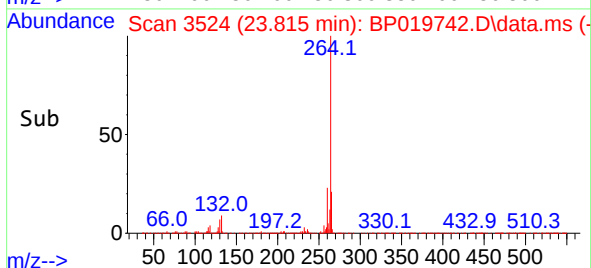
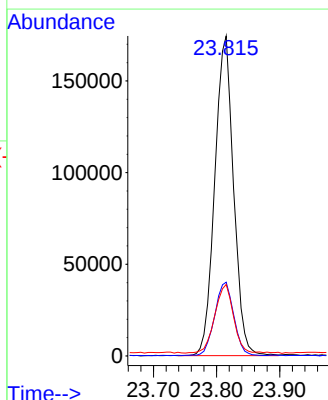
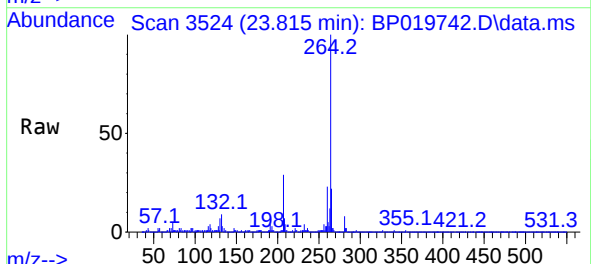
Manual Integrations
APPROVED

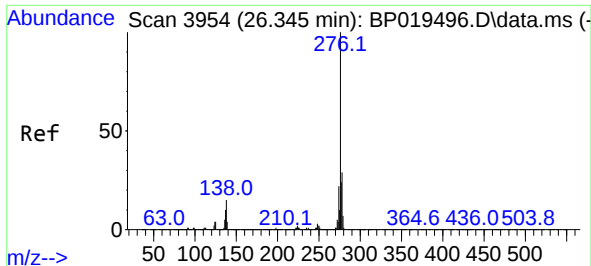
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.815 min Scan# 3524
Delta R.T. -0.000 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

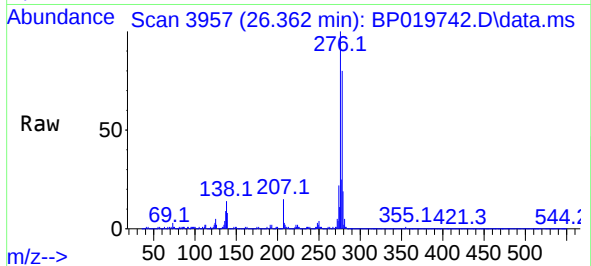
Tgt Ion:264 Resp: 359995
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 22.3 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.926 ng
RT: 26.362 min Scan# 3957
Delta R.T. 0.018 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

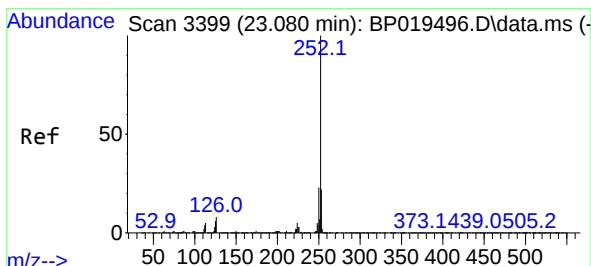
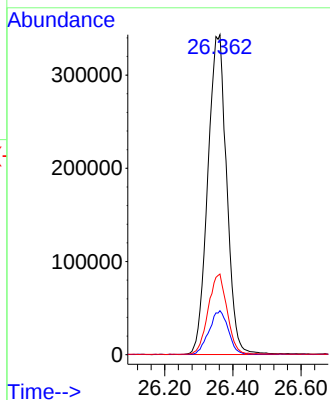
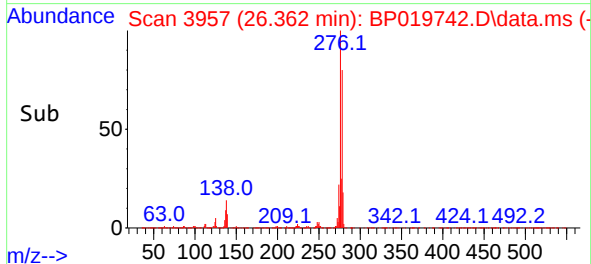
Instrument :
BNA_P
ClientSampleId :
PB158970BSD



Tgt Ion:276 Resp: 132065
Ion Ratio Lower Upper
276 100
138 13.9 13.1 19.7
277 25.0 20.3 30.5

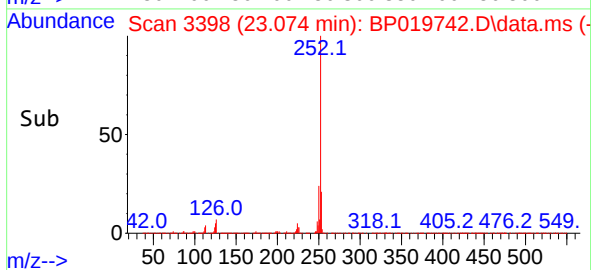
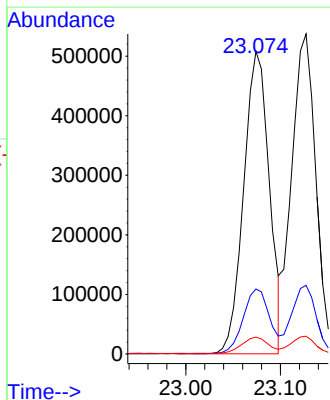
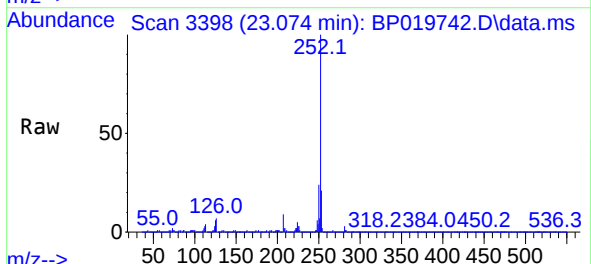
Manual Integrations
APPROVED

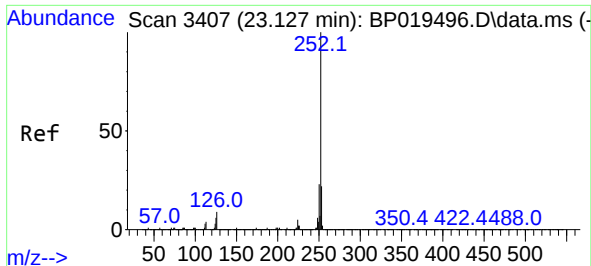
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#88
Benzo(b)fluoranthene
Concen: 42.072 ng
RT: 23.074 min Scan# 3398
Delta R.T. -0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:252 Resp: 954574
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 5.6 4.9 7.3





#89
Benzo(k)fluoranthene
Concen: 44.090 ng
RT: 23.127 min Scan# 3407
Delta R.T. -0.000 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

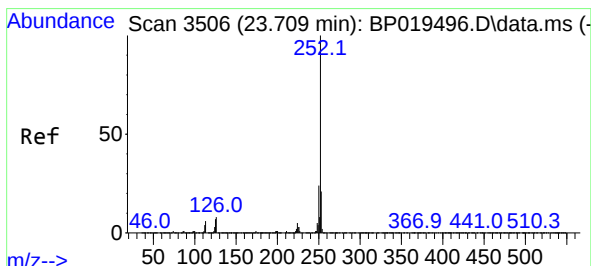
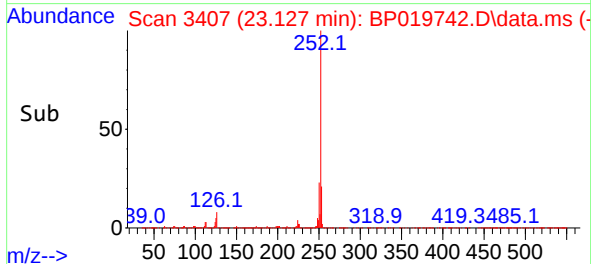
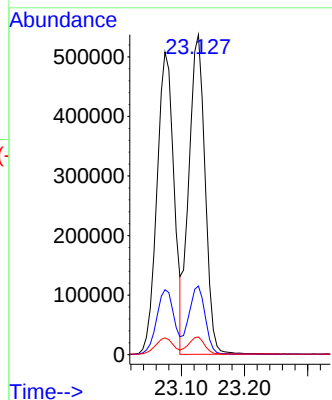
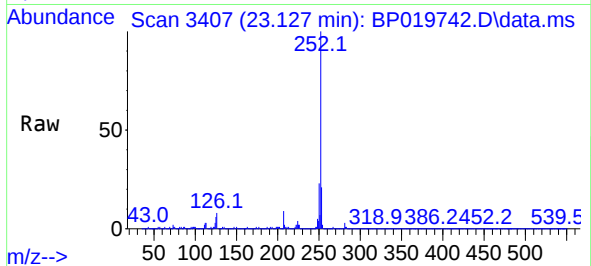
PB158970BSD

Tgt Ion:252 Resp: 95557
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 5.5 5.0 7.6

Manual Integrations

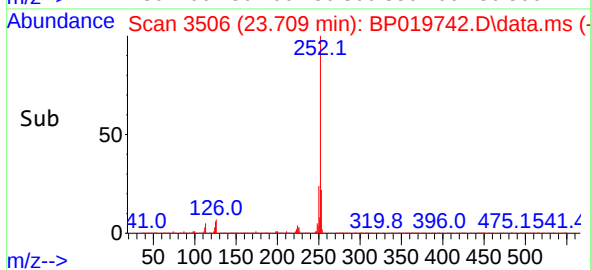
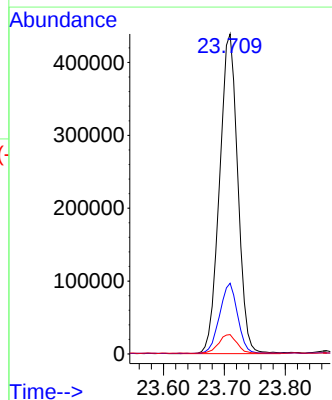
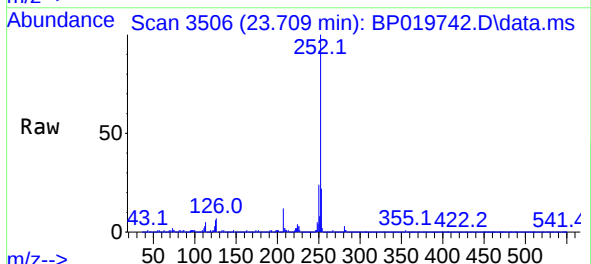
APPROVED

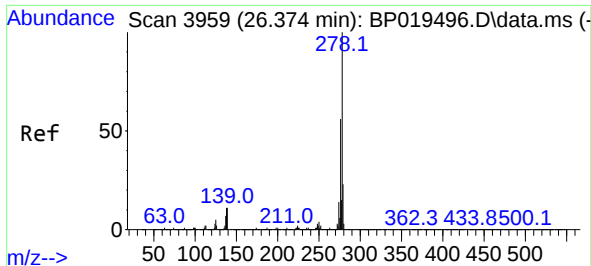
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#90
Benzo(a)pyrene
Concen: 45.067 ng
RT: 23.709 min Scan# 3506
Delta R.T. -0.000 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:252 Resp: 909813
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 6.1 5.6 8.4





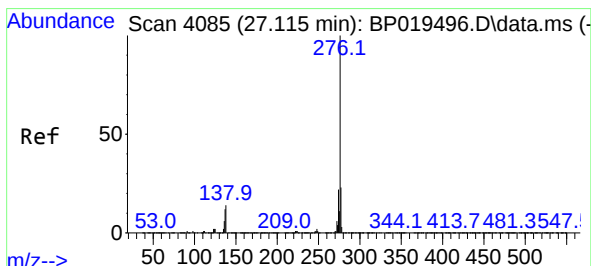
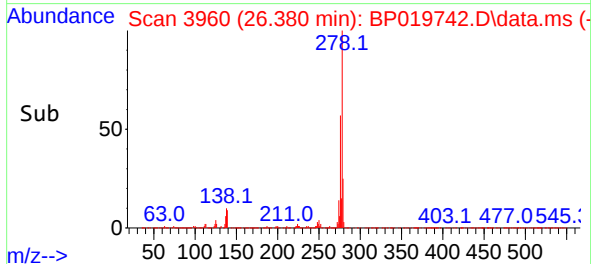
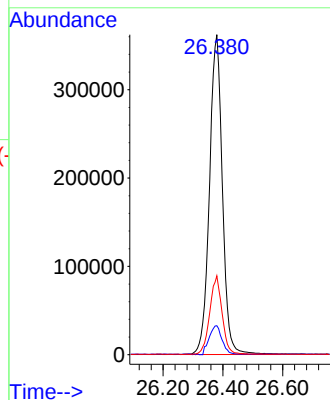
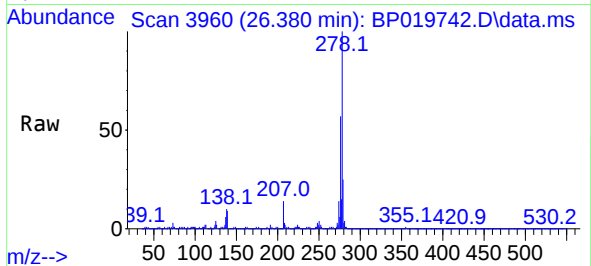
#91
Dibenzo(a,h)anthracene
Concen: 47.965 ng
RT: 26.380 min Scan# 3959
Delta R.T. 0.006 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Instrument :
BNA_P
ClientSampleId :
PB158970BSD

Tgt Ion:278 Resp: 1087080
Ion Ratio Lower Upper
278 100
139 9.1 8.6 12.8
279 24.7 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#92
Benzo(g,h,i)perylene
Concen: 45.904 ng
RT: 27.133 min Scan# 4088
Delta R.T. 0.018 min
Lab File: BP019742.D
Acq: 16 Feb 2024 13:24

Tgt Ion:276 Resp: 1055457
Ion Ratio Lower Upper
276 100
277 24.8 18.6 28.0
138 12.5 10.9 16.3

