

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019720.D
 Acq On : 15 Feb 2024 13:31
 Operator : MA/JU
 Sample : P1414-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-6(15-16)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/17/2024

Quant Time: Feb 15 14:00:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	72739	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	260743	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	164798	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	375964	20.000	ng	0.00
76) Chrysene-d12	21.392	240	392094	20.000	ng	# 0.00
86) Perylene-d12	23.810	264	480727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	521509	115.568	ng	0.00
7) Phenol-d6	7.081	99	680816	111.892	ng	0.00
23) Nitrobenzene-d5	9.075	82	458064	76.123	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	366473	152.306	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1038608	77.911	ng	-0.01
79) Terphenyl-d14	19.863	244	1771544	74.303	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	53442	30.739	ng	97
3) Pyridine	3.781	79	147024	31.192	ng	96
4) n-Nitrosodimethylamine	3.699	42	84042	40.953	ng	97
6) Aniline	7.234	93	247671	41.891	ng	99
8) 2-Chlorophenol	7.469	128	201376	43.466	ng	97
9) Benzaldehyde	7.052	77	54214m	12.709	ng	
10) Phenol	7.105	94	255239	42.088	ng	97
11) bis(2-Chloroethyl)ether	7.340	93	187418	39.724	ng	99
12) 1,3-Dichlorobenzene	7.787	146	224513	39.604	ng	96
13) 1,4-Dichlorobenzene	7.940	146	234380	40.809	ng	98
14) 1,2-Dichlorobenzene	8.252	146	223093	40.146	ng	99
15) Benzyl Alcohol	8.152	79	206389	42.453	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	181463	38.462	ng	99
17) 2-Methylphenol	8.352	107	166512	40.784	ng	96
18) Hexachloroethane	8.969	117	85827	38.553	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	158781	38.205	ng	98
20) 3+4-Methylphenols	8.687	107	227644	40.855	ng	96
22) Acetophenone	8.740	105	318210	42.838	ng	# 97
24) Nitrobenzene	9.116	77	242957	40.101	ng	99
25) Isophorone	9.646	82	426729	40.720	ng	99
26) 2-Nitrophenol	9.822	139	112019	48.491	ng	97
27) 2,4-Dimethylphenol	9.887	122	147078	49.791	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	238667	40.252	ng	99
29) 2,4-Dichlorophenol	10.357	162	202407	45.329	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	236175	43.137	ng	98
31) Naphthalene	10.757	128	599680	41.934	ng	99
32) Benzoic acid	10.040	122	143528	49.870	ng	98
33) 4-Chloroaniline	10.875	127	178555	33.762	ng	98
34) Hexachlorobutadiene	11.022	225	171440	42.256	ng	99
35) Caprolactam	11.687	113	61499	48.650	ng	97
36) 4-Chloro-3-methylphenol	11.998	107	219703	45.124	ng	97
37) 2-Methylnaphthalene	12.363	142	420526	42.492	ng	99
38) 1-Methylnaphthalene	12.587	142	397205	40.841	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	290419	45.694	ng	99
41) Hexachlorocyclopentadiene	12.698	237	309497	107.795	ng	100
43) 2,4,6-Trichlorophenol	12.975	196	183500	47.681	ng	98

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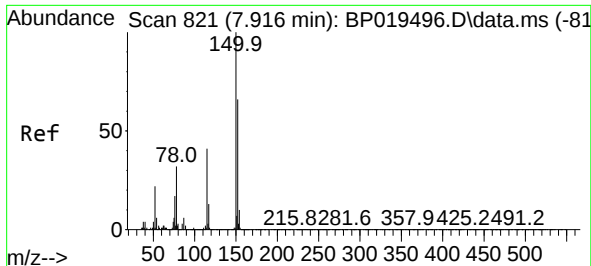
Manual Integrations
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 Supervised By :mohammad ahmed 02/17/2024

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	200157	47.364	ng	97
46) 1,1'-Biphenyl	13.381	154	569194	43.275	ng	98
47) 2-Chloronaphthalene	13.416	162	453778	42.027	ng	99
48) 2-Nitroaniline	13.634	65	139011	46.044	ng	98
49) Acenaphthylene	14.263	152	723135	47.738	ng	100
50) Dimethylphthalate	14.010	163	569912	45.175	ng	98
51) 2,6-Dinitrotoluene	14.134	165	127892	46.141	ng	93
52) Acenaphthene	14.604	154	405796	43.162	ng	98
53) 3-Nitroaniline	14.463	138	109879	43.136	ng	98
54) 2,4-Dinitrophenol	14.675	184	165530	115.020	ng	97
55) Dibenzofuran	14.939	168	695198	45.401	ng	99
56) 4-Nitrophenol	14.775	139	211723	101.408	ng	96
57) 2,4-Dinitrotoluene	14.922	165	179959	49.545	ng	99
58) Fluorene	15.592	166	557053	45.675	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	188276	52.967	ng	95
60) Diethylphthalate	15.375	149	560798	44.691	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	314387	45.864	ng	94
62) 4-Nitroaniline	15.628	138	127460	47.738	ng	98
63) Azobenzene	15.886	77	522578	43.066	ng	95
65) 4,6-Dinitro-2-methylph...	15.681	198	111558	52.038	ng	96
66) n-Nitrosodiphenylamine	15.810	169	482608	42.861	ng	98
67) 4-Bromophenyl-phenylether	16.486	248	208518	44.365	ng	97
68) Hexachlorobenzene	16.586	284	243193	44.309	ng	97
69) Atrazine	16.775	200	197482	52.854	ng	97
70) Pentachlorophenol	16.945	266	342572	100.227	ng	98
71) Phenanthrene	17.339	178	896191	45.295	ng	99
72) Anthracene	17.433	178	907265	45.967	ng	100
73) Carbazole	17.710	167	807423	45.031	ng	99
74) Di-n-butylphthalate	18.263	149	916736	42.285	ng	100
75) Fluoranthene	19.310	202	1122942	46.460	ng	99
77) Benzidine	19.498	184	551840	67.319	ng	99
78) Pyrene	19.663	202	1164794	42.092	ng	99
80) Butylbenzylphthalate	20.545	149	421402	40.778	ng	97
81) Benzo(a)anthracene	21.374	228	1228251	44.501	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	454616	45.201	ng	99
83) Chrysene	21.427	228	1135008	43.314	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	583691	37.092	ng	99
85) Di-n-octyl phthalate	22.257	149	1027882	37.125	ng	99
87) Indeno(1,2,3-cd)pyrene	26.351	276	1635824	44.454	ng	97
88) Benzo(b)fluoranthene	23.074	252	1305911	43.102	ng	98
89) Benzo(k)fluoranthene	23.127	252	1268095	43.816	ng	99
90) Benzo(a)pyrene	23.704	252	1219741	45.246	ng	99
91) Dibenzo(a,h)anthracene	26.380	278	1353496	44.722	ng	98
92) Benzo(g,h,i)perylene	27.133	276	1281638	41.742	ng	98

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



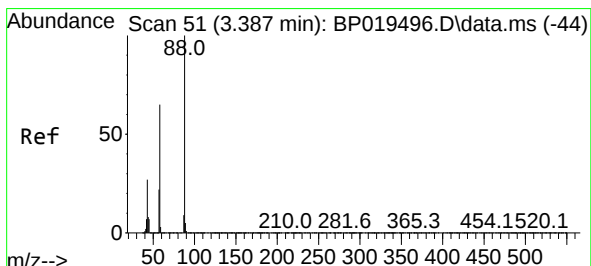
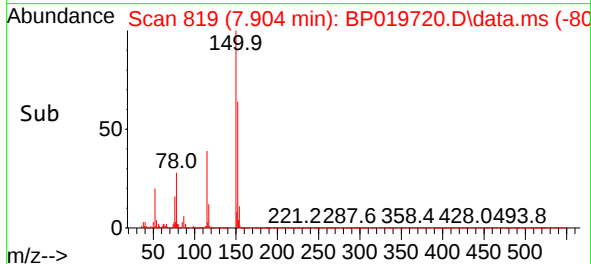
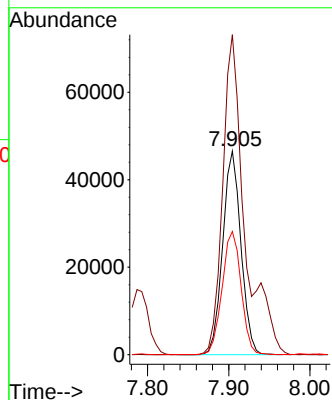
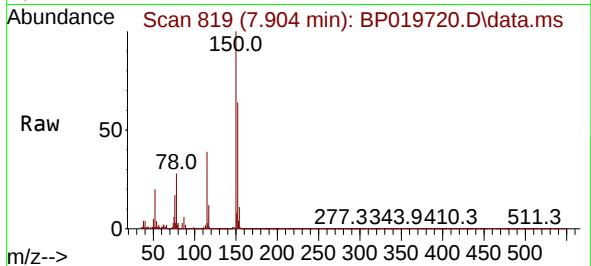
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion:152 Resp: 72739
Ion Ratio Lower Upper
152 100
150 157.2 121.8 182.8
115 60.6 49.9 74.9

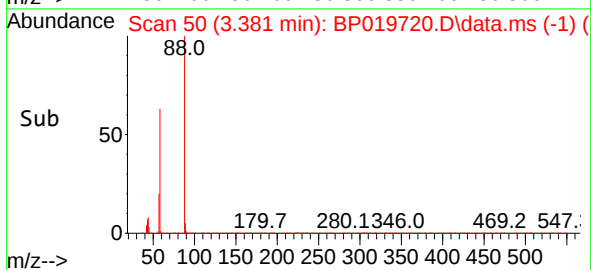
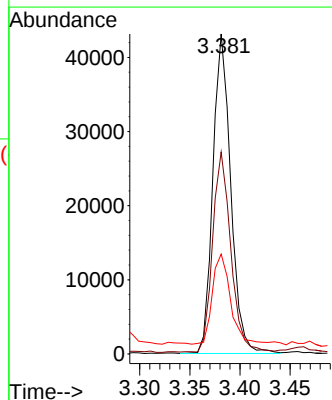
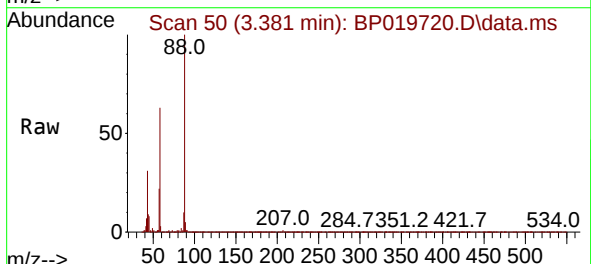
Manual Integrations
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#2
1,4-Dioxane
Concen: 30.739 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

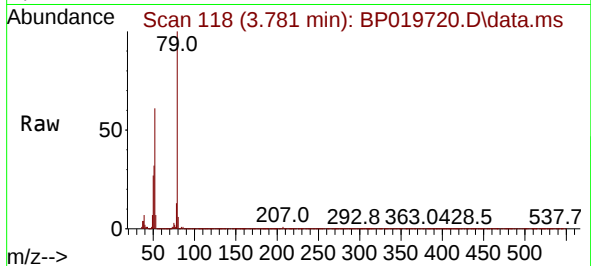
Tgt Ion: 88 Resp: 53442
Ion Ratio Lower Upper
88 100
58 63.4 52.6 78.8
43 29.8 21.9 32.9





#3
Pyridine
Concen: 31.192 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

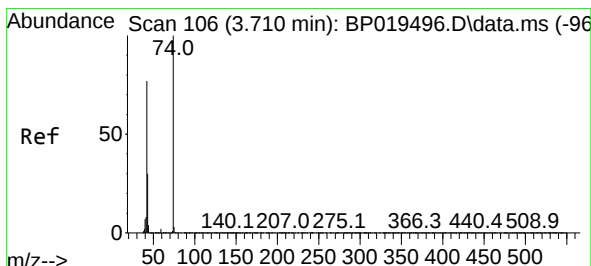
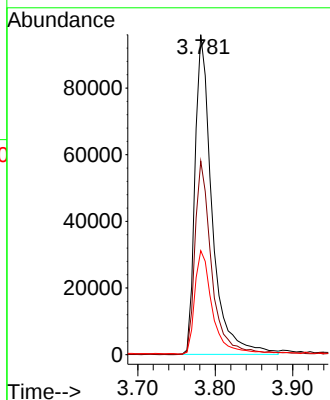
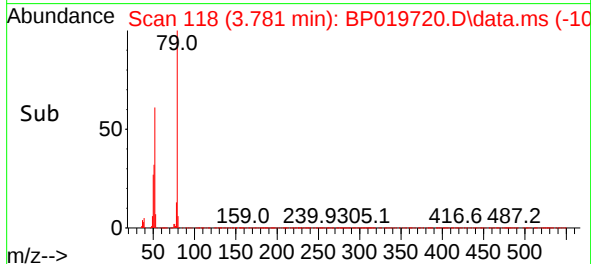
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



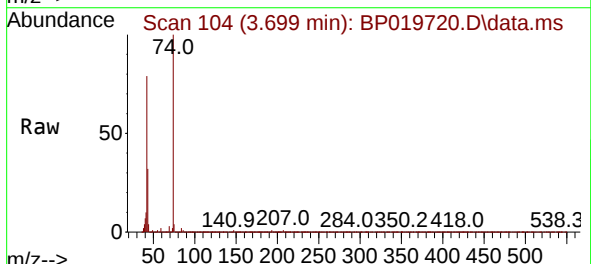
Tgt Ion: 79 Resp: 147024
Ion Ratio Lower Upper
79 100
52 60.5 45.0 67.6
51 32.5 26.8 40.2

Manual Integrations
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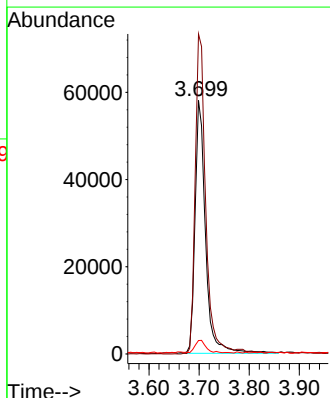
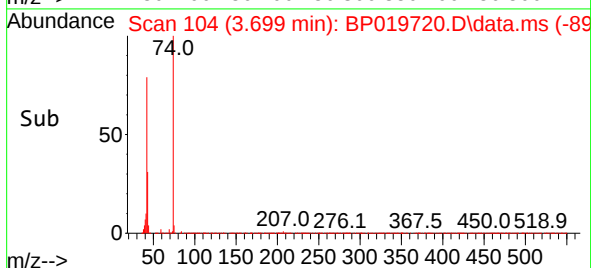
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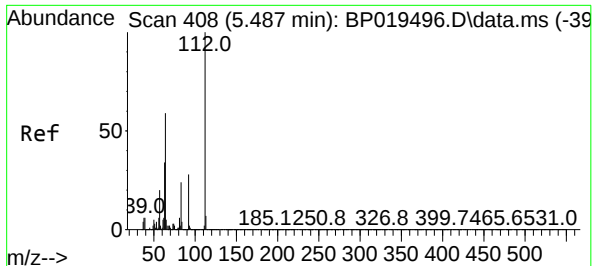


#4
n-Nitrosodimethylamine
Concen: 40.953 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31



Tgt Ion: 42 Resp: 84042
Ion Ratio Lower Upper
42 100
74 126.3 103.4 155.2
44 5.3 4.8 7.2





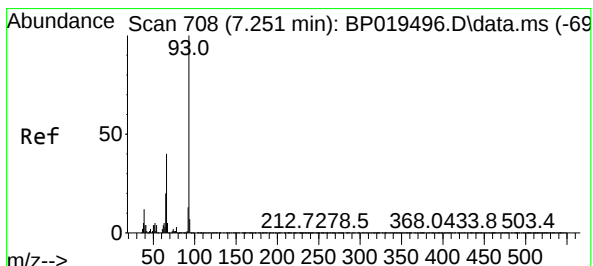
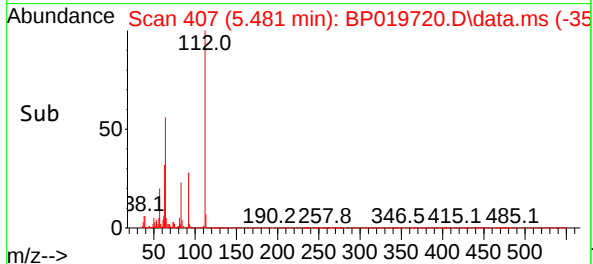
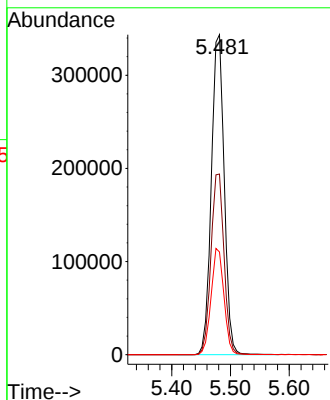
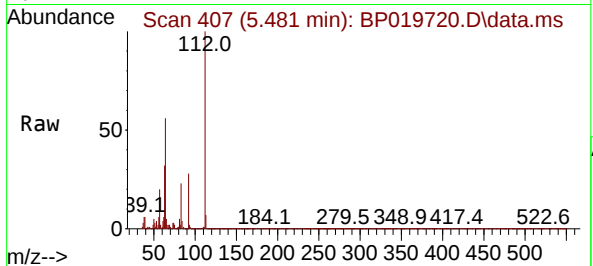
#5
2-Fluorophenol
Concen: 115.568 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion:112 Resp: 521509
Ion Ratio Lower Upper
112 100
64 56.4 47.4 71.0
63 32.1 27.0 40.6

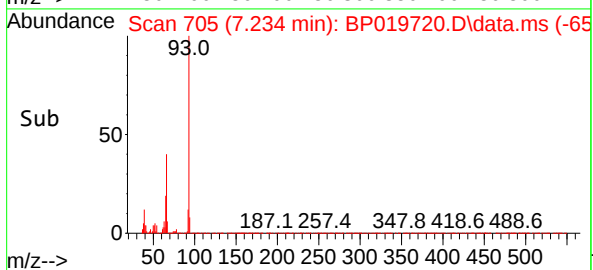
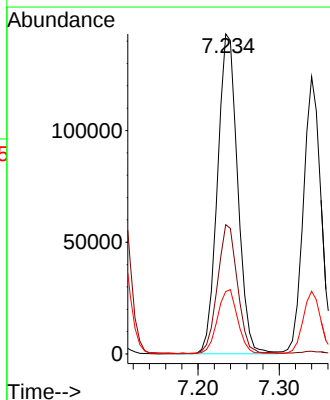
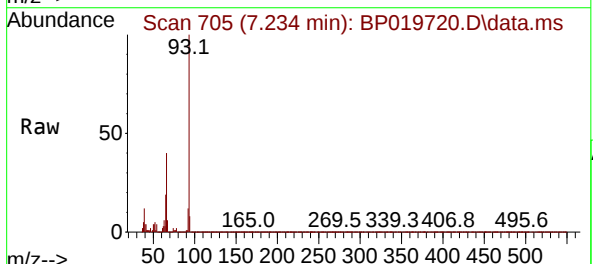
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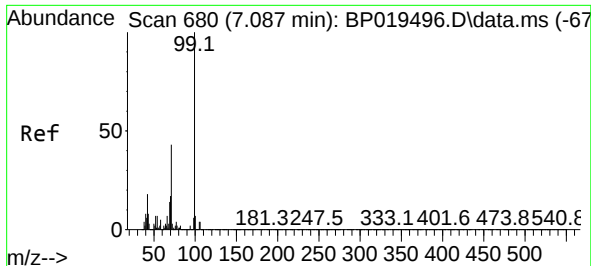
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#6
Aniline
Concen: 41.891 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.017 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Tgt Ion: 93 Resp: 247671
Ion Ratio Lower Upper
93 100
66 40.4 32.3 48.5
65 19.5 16.4 24.6





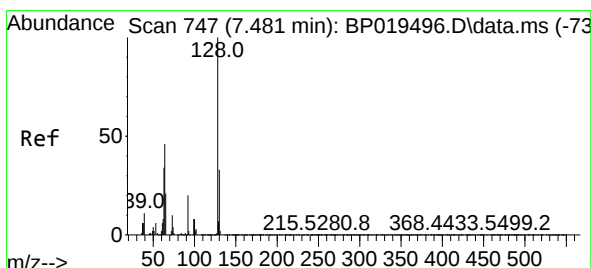
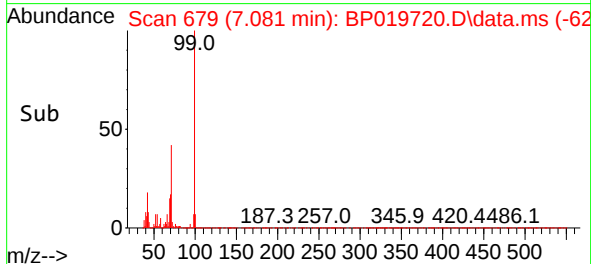
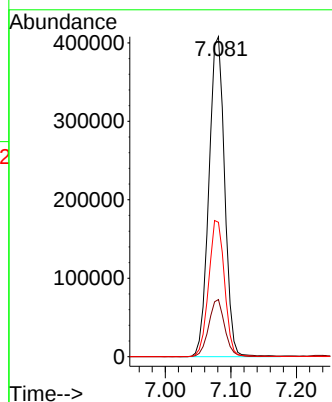
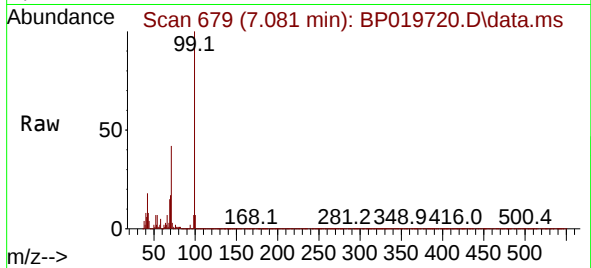
#7
Phenol-d6
Concen: 111.892 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion: 99 Resp: 680810
Ion Ratio Lower Upper
99 100
42 17.9 14.7 22.1
71 42.0 34.8 52.2

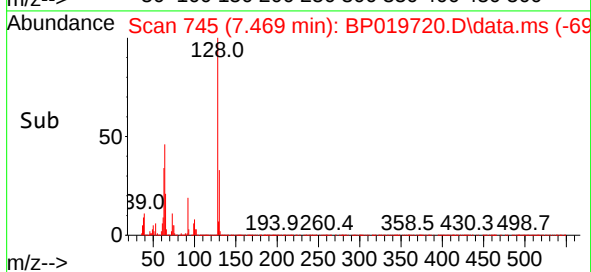
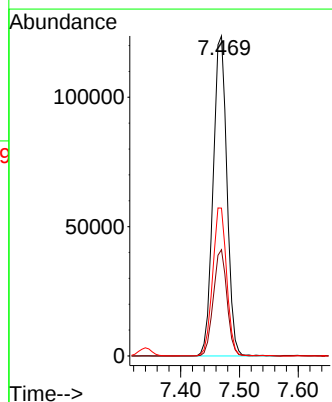
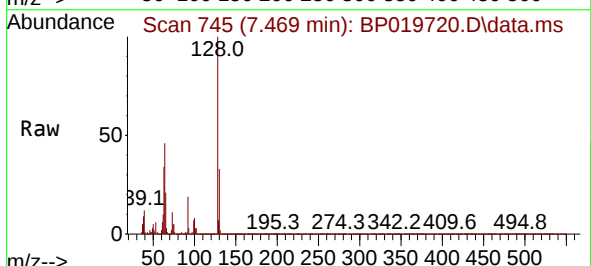
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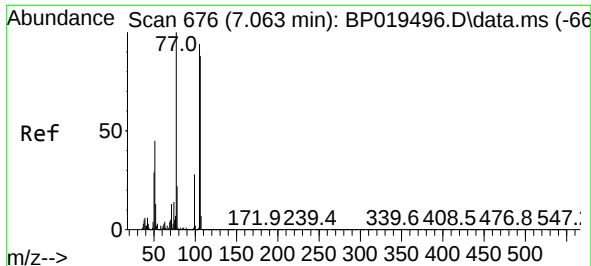
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#8
2-Chlorophenol
Concen: 43.466 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Tgt Ion:128 Resp: 201376
Ion Ratio Lower Upper
128 100
130 33.2 13.3 53.3
64 46.2 29.7 69.7





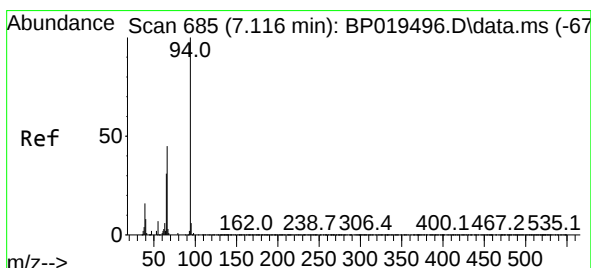
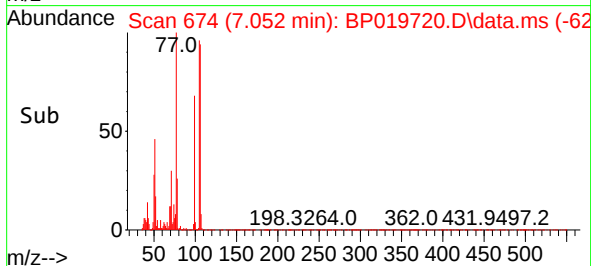
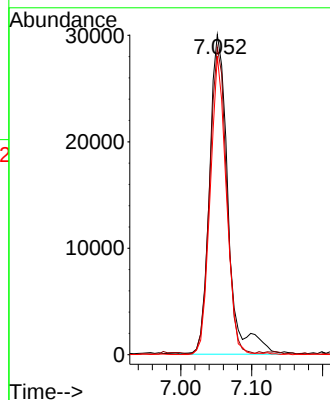
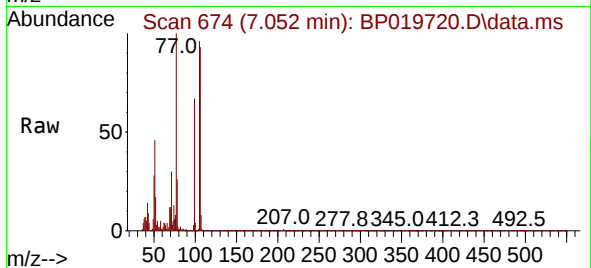
#9
Benzaldehyde
Concen: 12.709 ng m
RT: 7.052 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion: 77 Resp: 54214
Ion Ratio Lower Upper
77 100
105 96.1 74.0 114.0
106 93.3 67.8 107.8

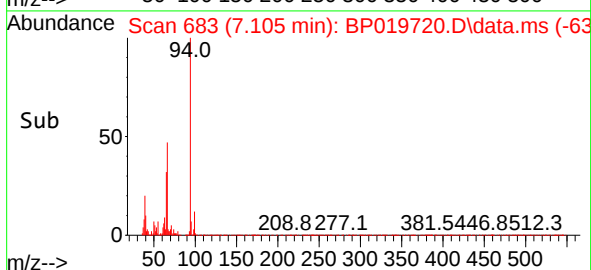
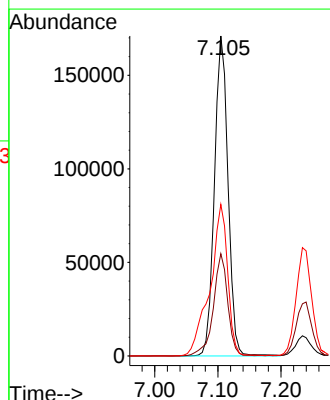
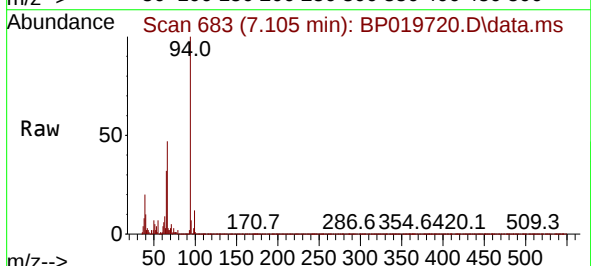
Manual Integrations
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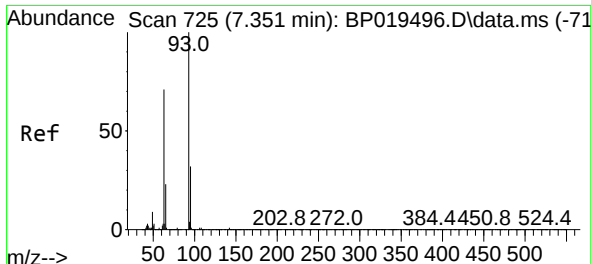
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#10
Phenol
Concen: 42.088 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

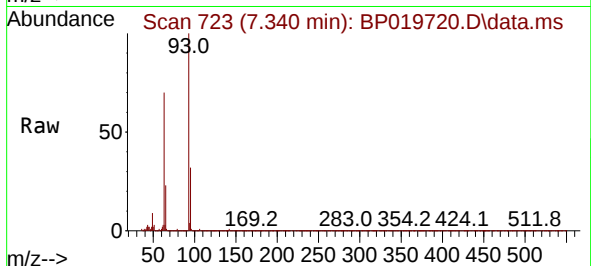
Tgt Ion: 94 Resp: 255239
Ion Ratio Lower Upper
94 100
65 32.0 11.3 51.3
66 47.3 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 39.724 ng
RT: 7.340 min Scan# 701
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

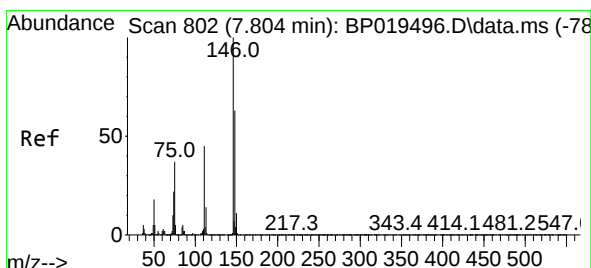
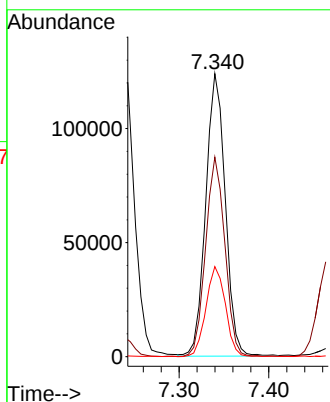
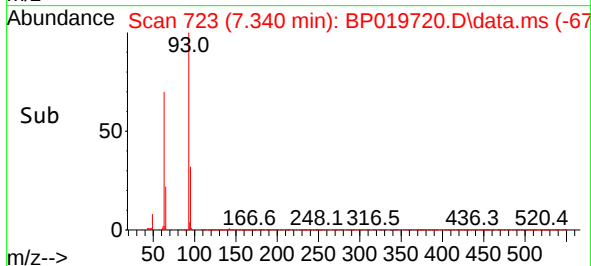
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



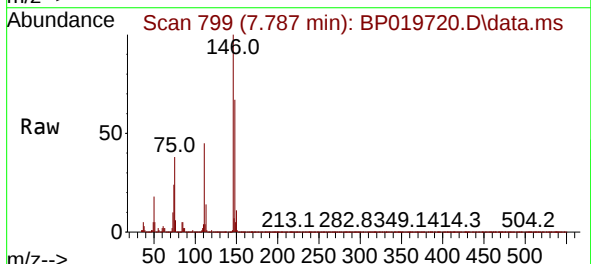
Tgt Ion: 93 Resp: 187418
Ion Ratio Lower Upper
93 100
63 70.5 51.2 91.2
95 31.8 11.8 51.8

Manual Integrations
APPROVED

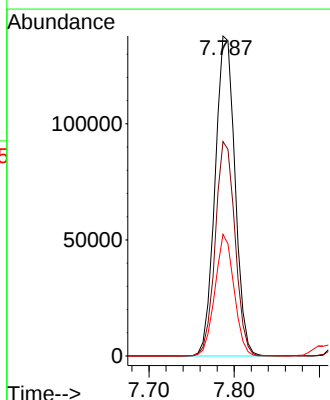
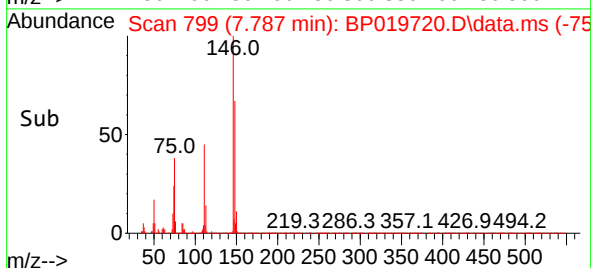
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#12
1,3-Dichlorobenzene
Concen: 39.604 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.017 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31



Tgt Ion:146 Resp: 224513
Ion Ratio Lower Upper
146 100
148 67.0 50.4 75.6
75 38.0 29.9 44.9





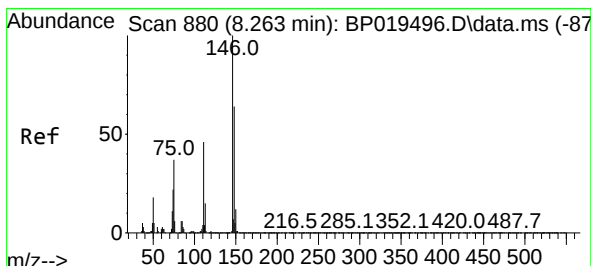
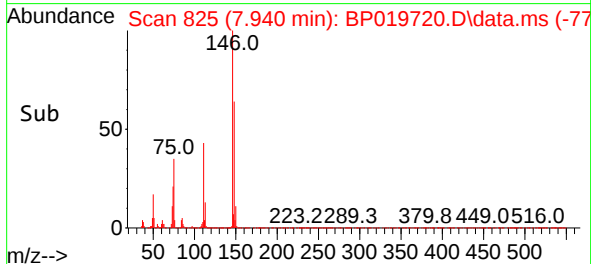
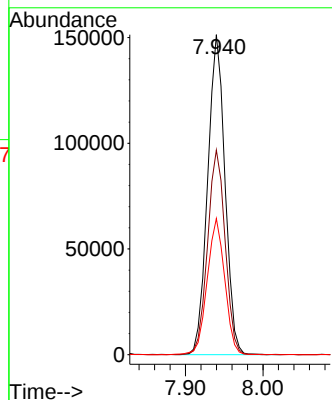
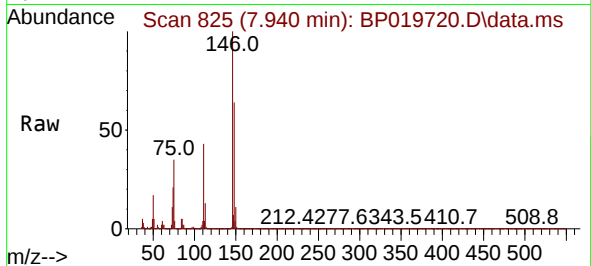
#13
1,4-Dichlorobenzene
Concen: 40.809 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion:146 Resp: 234380
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
111 42.6 35.8 53.6

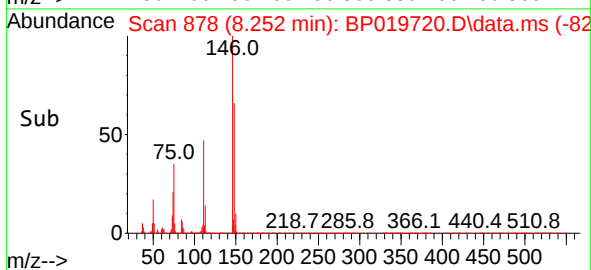
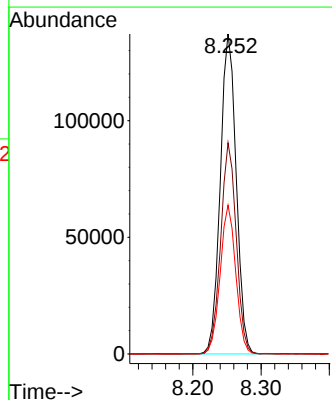
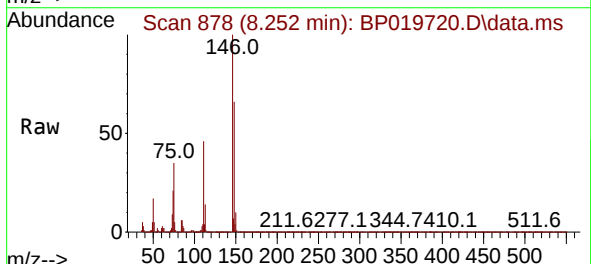
Manual Integrations
APPROVED

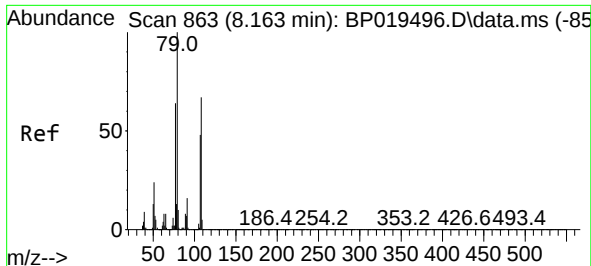
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#14
1,2-Dichlorobenzene
Concen: 40.146 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Tgt Ion:146 Resp: 223093
Ion Ratio Lower Upper
146 100
148 66.0 51.4 77.0
111 46.5 37.0 55.6





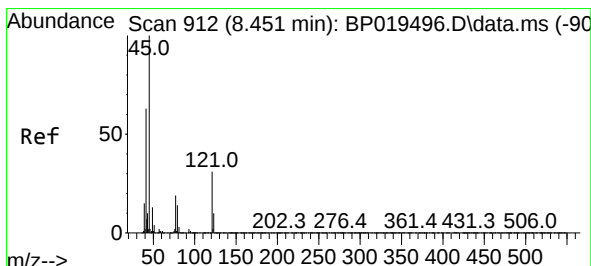
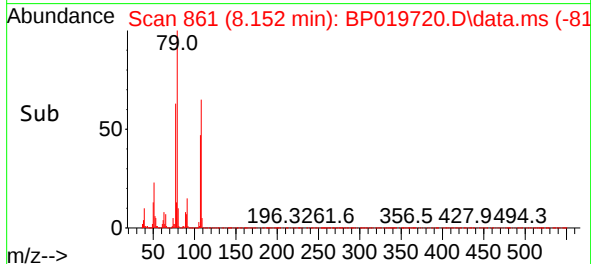
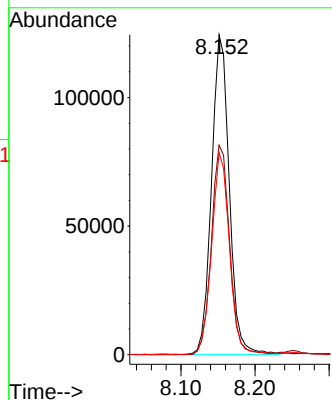
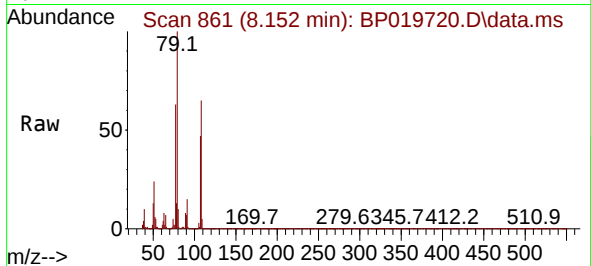
#15
Benzyl Alcohol
Concen: 42.453 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion: 79 Resp: 206389
Ion Ratio Lower Upper
79 100
108 65.5 53.8 80.6
77 63.1 51.3 76.9

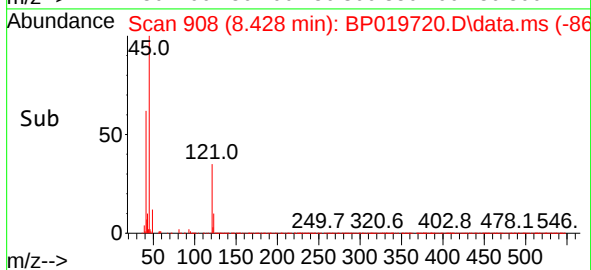
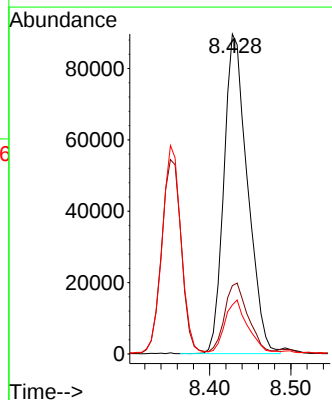
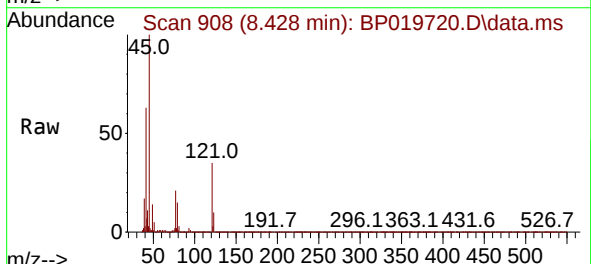
Manual Integrations
APPROVED

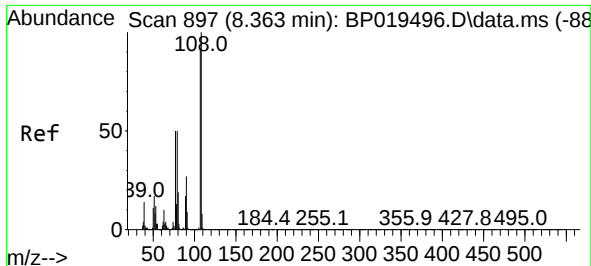
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.462 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.023 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Tgt Ion: 45 Resp: 181463
Ion Ratio Lower Upper
45 100
77 21.4 0.8 40.8
79 15.3 0.0 35.5





#17
2-Methylphenol
Concen: 40.784 ng
RT: 8.352 min Scan# 897
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :

BNA_P

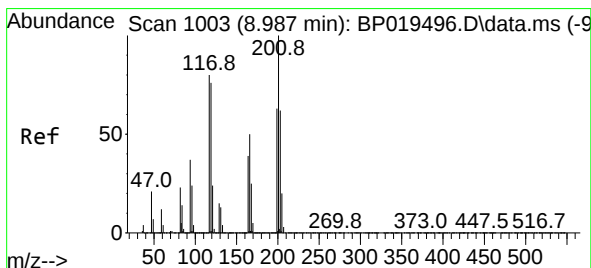
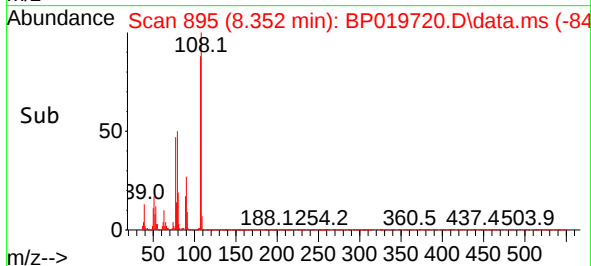
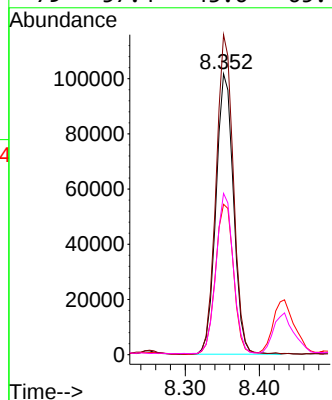
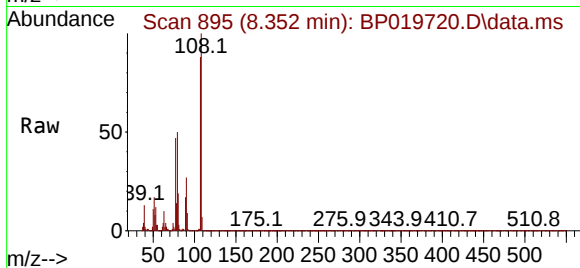
ClientSampleId :

SB-6(15-16)MSD

Tgt Ion:107 Resp: 16651
Ion Ratio Lower Upper
107 100
108 113.9 87.0 130.6
77 53.5 43.5 65.3
79 57.4 43.6 65.4

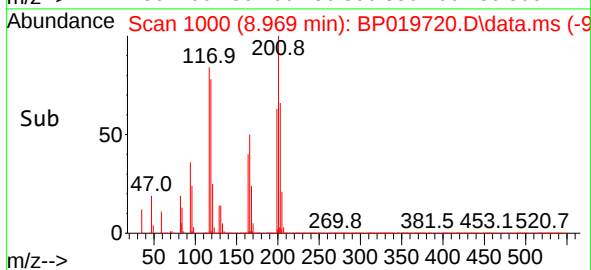
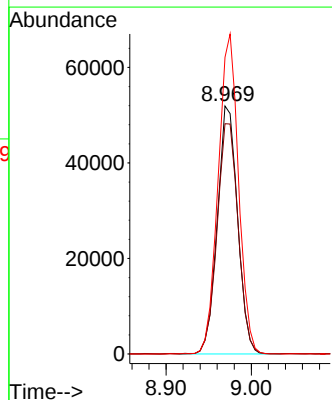
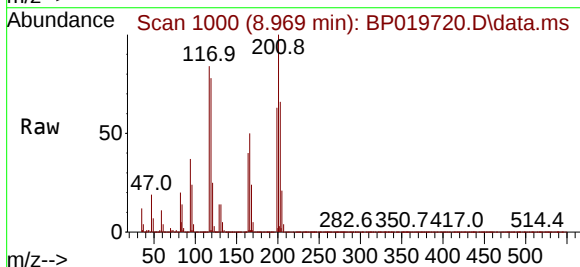
Manual Integrations
APPROVED

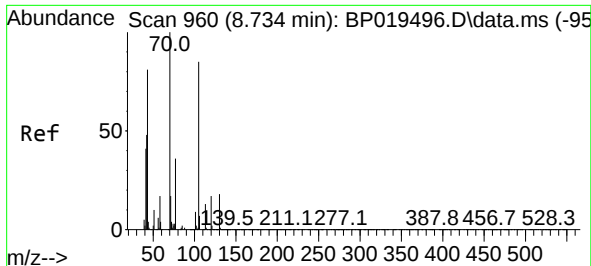
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#18
Hexachloroethane
Concen: 38.553 ng
RT: 8.969 min Scan# 1000
Delta R.T. -0.017 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

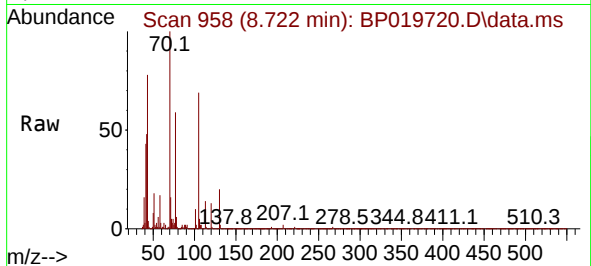
Tgt Ion:117 Resp: 85827
Ion Ratio Lower Upper
117 100
119 92.8 75.5 113.3
201 119.6 99.4 149.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.205 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

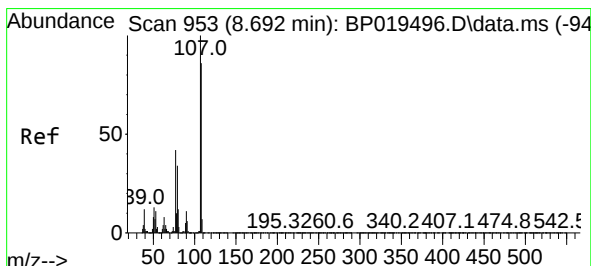
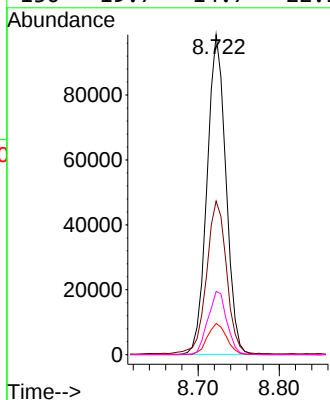
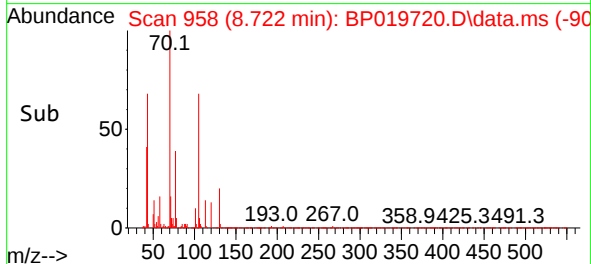
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



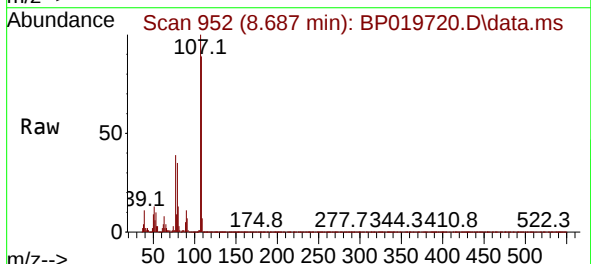
Tgt Ion: 70 Resp: 15878
Ion Ratio Lower Upper
70 100
42 48.0 39.2 58.8
101 9.8 7.3 10.9
130 19.7 14.7 22.1

Manual Integrations
APPROVED

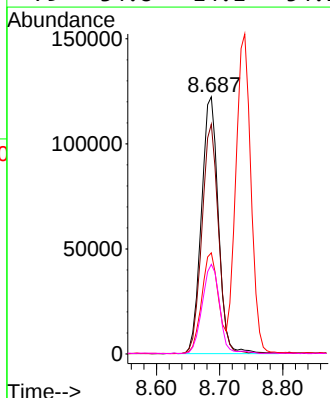
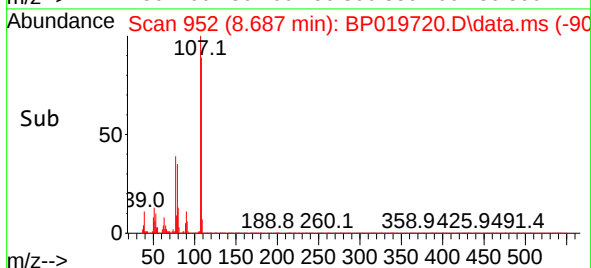
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#20
3+4-Methylphenols
Concen: 40.855 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31



Tgt Ion:107 Resp: 227644
Ion Ratio Lower Upper
107 100
108 89.4 65.5 105.5
77 39.4 21.8 61.8
79 34.8 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

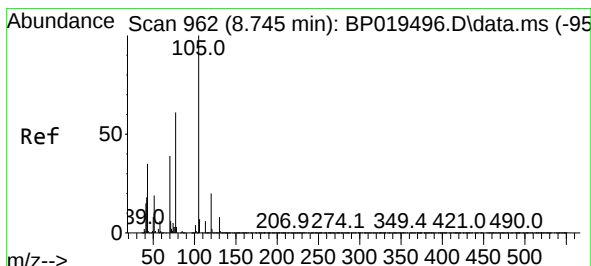
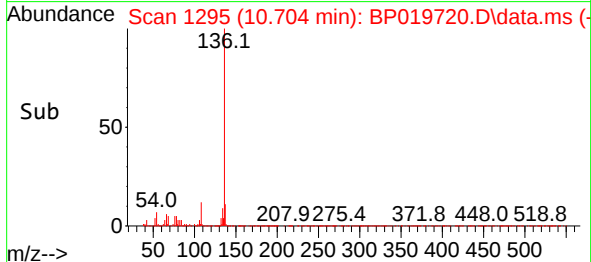
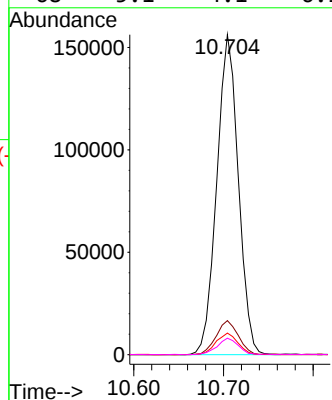
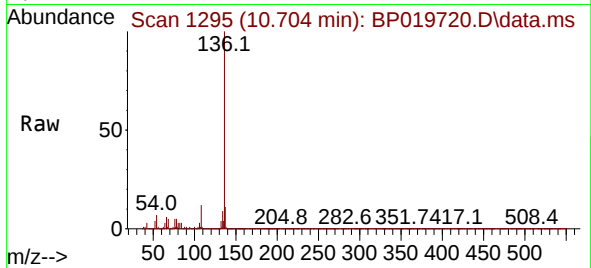
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion:136 Resp: 26074

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.7	5.3	7.9
68	5.1	4.1	6.1

Manual Integrations
APPROVED

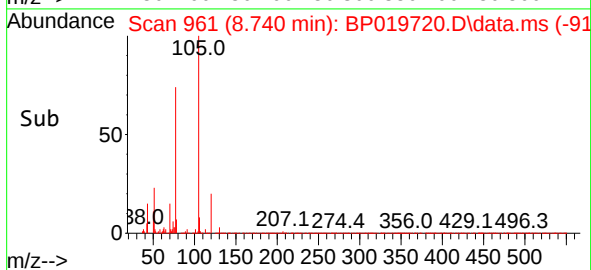
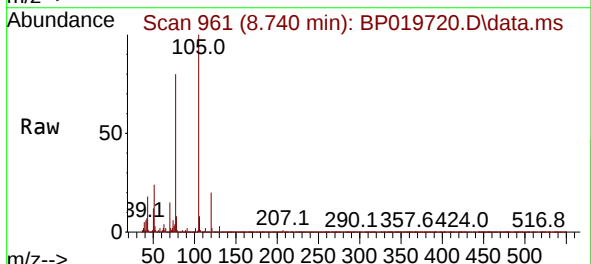
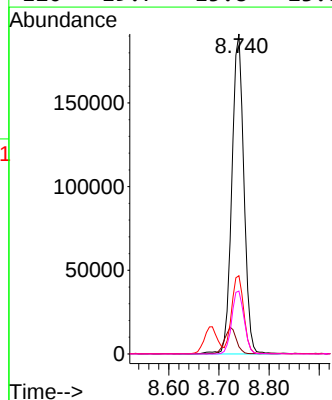
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#22
Acetophenone
Concen: 42.838 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Tgt Ion:105 Resp: 318210

Ion	Ratio	Lower	Upper
105	100		
71	2.2	4.9	7.3
51	24.4	20.7	31.1
120	19.7	15.8	23.8





#23

Nitrobenzene-d5

Concen: 76.123 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP019720.D

Acq: 15 Feb 2024 13:31

Instrument :

BNA_P

ClientSampleId :

SB-6(15-16)MSD

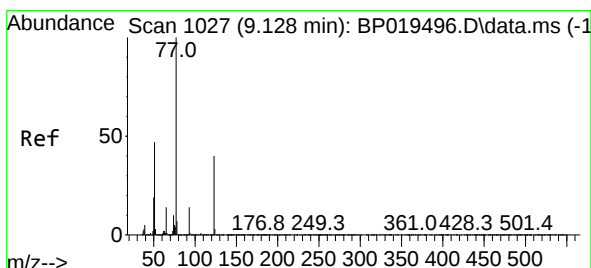
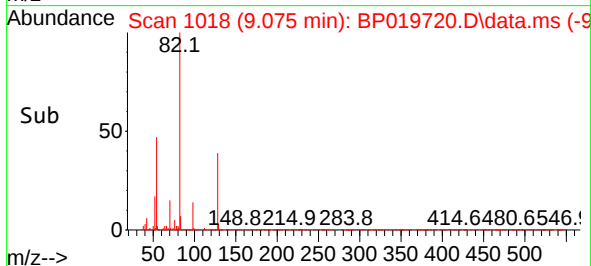
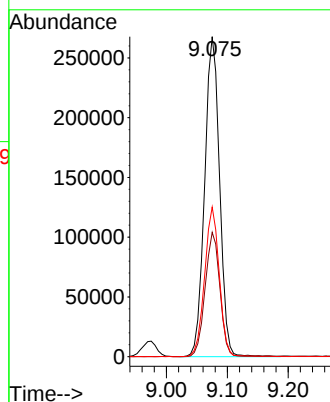
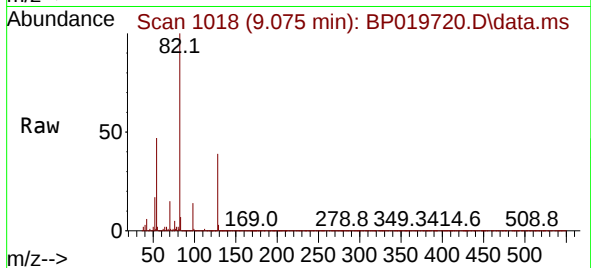
Tgt Ion: 82	Resp: 458064
Ion Ratio	Lower Upper
82 100	
128 38.9	29.7 44.5
54 46.8	36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#24

Nitrobenzene

Concen: 40.101 ng

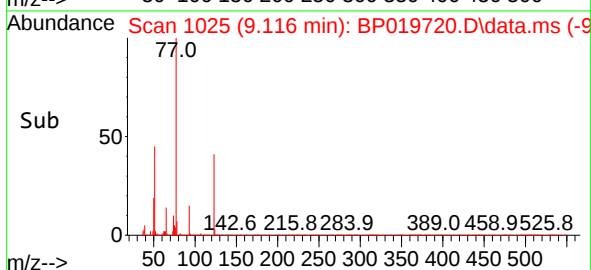
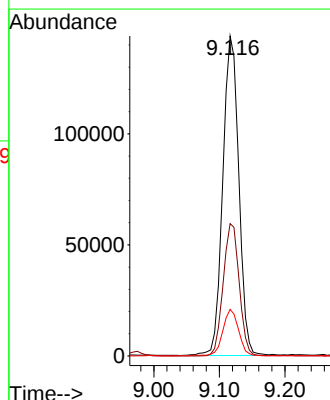
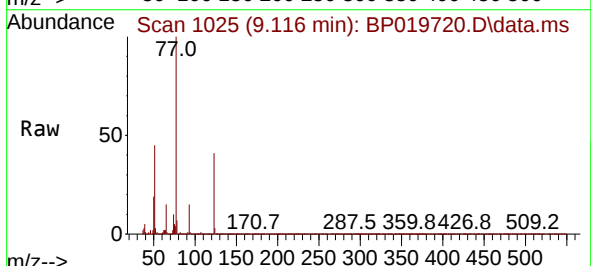
RT: 9.116 min Scan# 1025

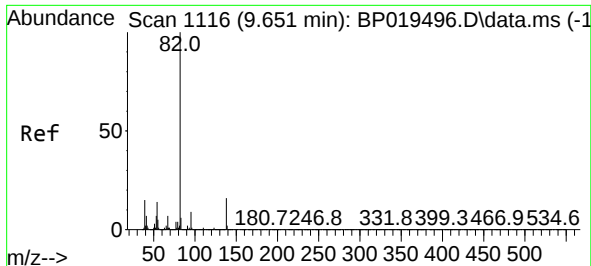
Delta R.T. -0.012 min

Lab File: BP019720.D

Acq: 15 Feb 2024 13:31

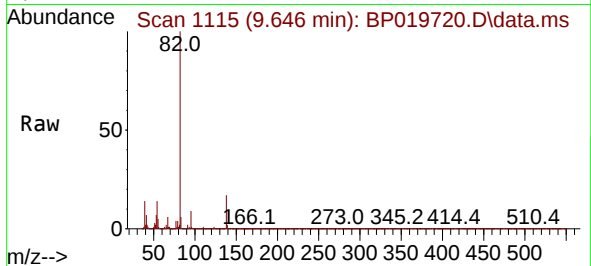
Tgt Ion: 77	Resp: 242957
Ion Ratio	Lower Upper
77 100	
123 41.4	32.3 48.5
65 14.5	11.6 17.4





#25
Isophorone
Concen: 40.720 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

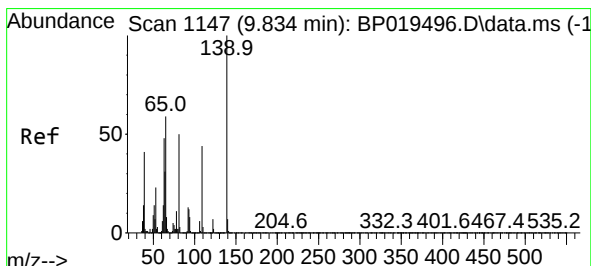
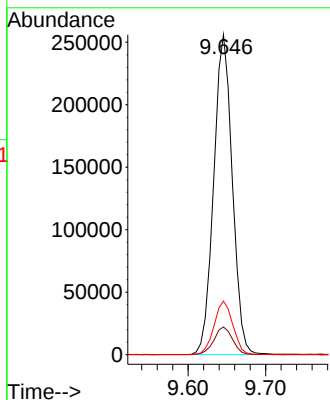
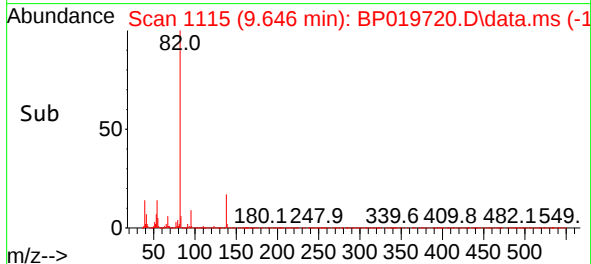
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



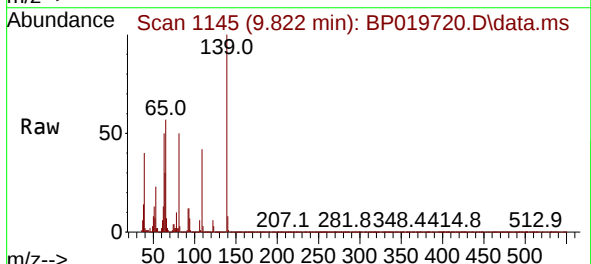
Tgt Ion: 82 Resp: 426729
Ion Ratio Lower Upper
82 100
95 8.7 7.0 10.4
138 16.8 13.1 19.7

Manual Integrations
APPROVED

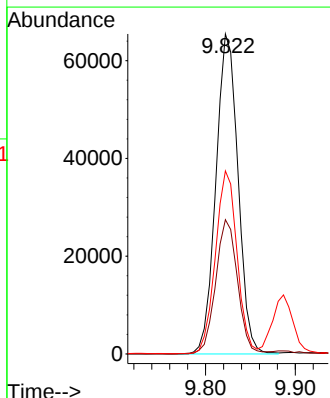
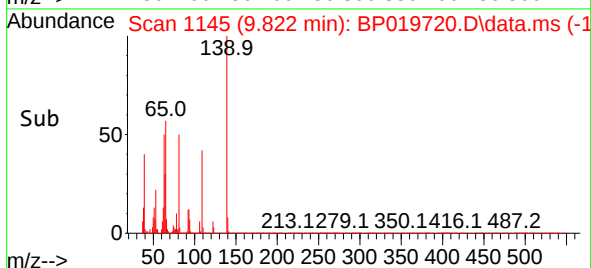
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#26
2-Nitrophenol
Concen: 48.491 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31



Tgt Ion:139 Resp: 112019
Ion Ratio Lower Upper
139 100
109 41.9 34.9 52.3
65 57.2 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 49.791 ng

RT: 9.887 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BP019720.D

Acq: 15 Feb 2024 13:31

Instrument :

BNA_P

ClientSampleId :

SB-6(15-16)MSD

Tgt Ion:122 Resp: 147078

Ion Ratio Lower Upper

122 100

107 128.3 105.9 158.9

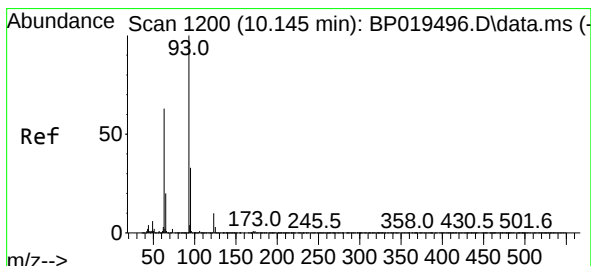
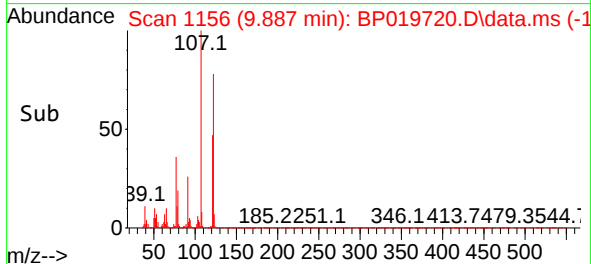
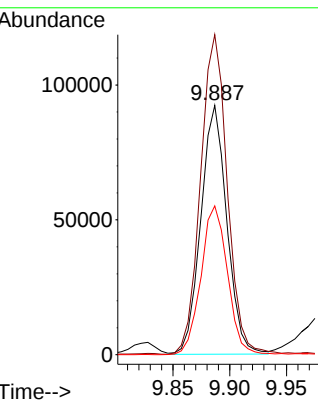
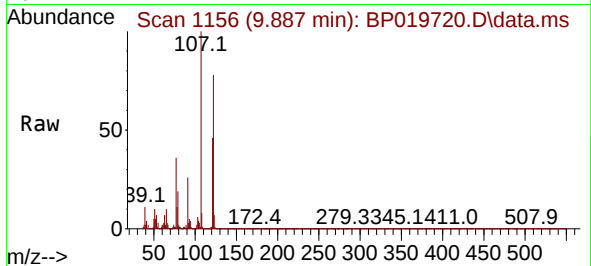
121 59.7 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.252 ng

RT: 10.128 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BP019720.D

Acq: 15 Feb 2024 13:31

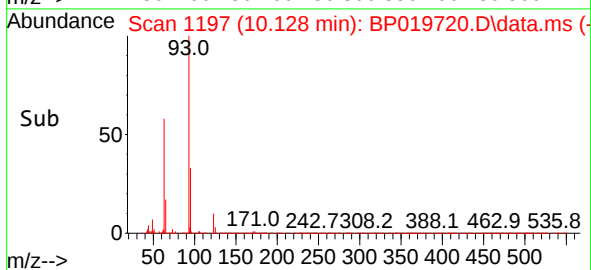
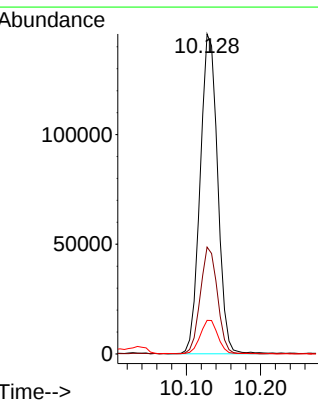
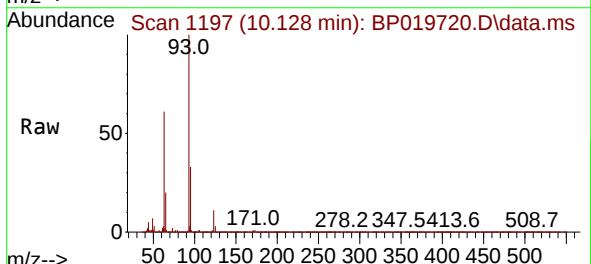
Tgt Ion: 93 Resp: 238667

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.4

123 10.5 8.5 12.7





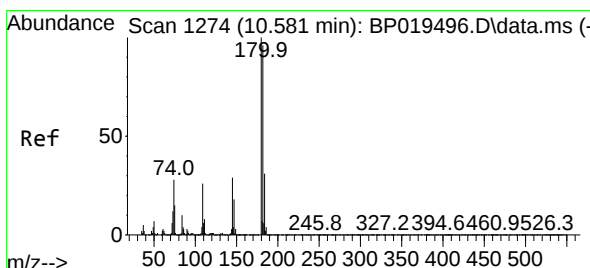
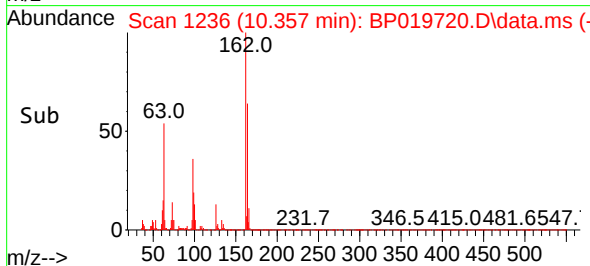
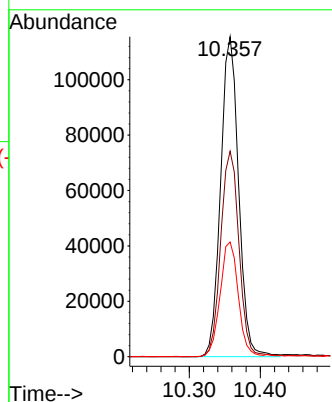
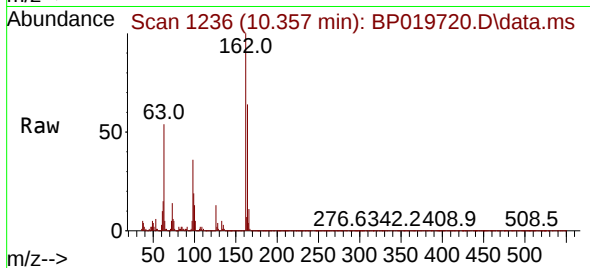
#29
2,4-Dichlorophenol
Concen: 45.329 ng
RT: 10.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion:162 Resp: 20240
Ion Ratio Lower Upper
162 100
164 64.2 46.0 86.0
98 35.8 18.7 58.7

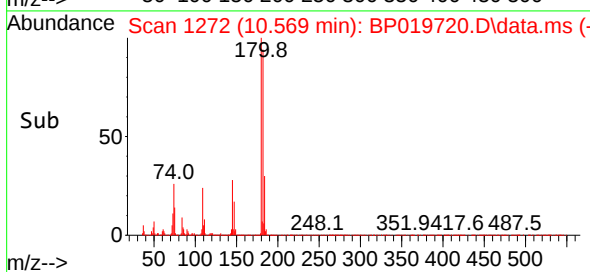
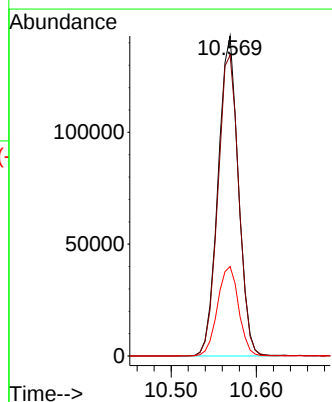
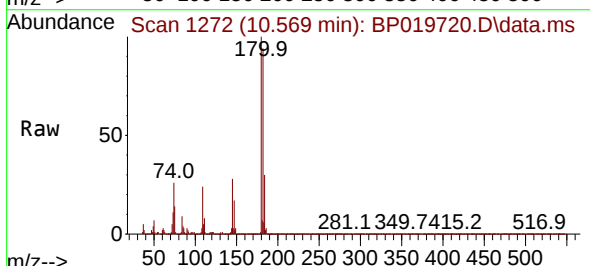
Manual Integrations
APPROVED

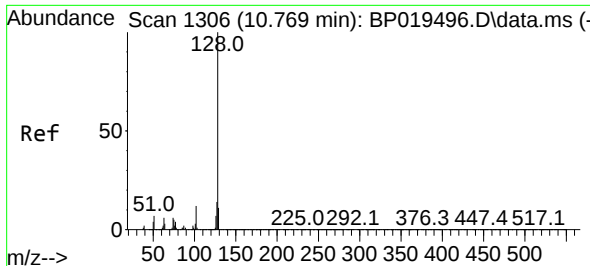
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.137 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

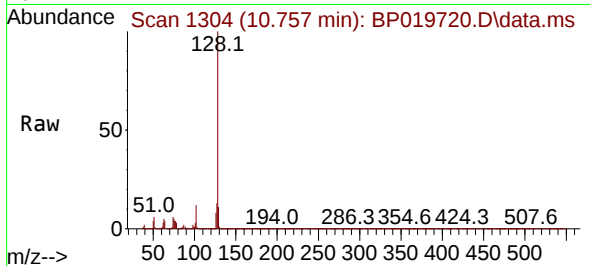
Tgt Ion:180 Resp: 236175
Ion Ratio Lower Upper
180 100
182 94.0 77.0 115.6
145 28.0 23.2 34.8





#31
Naphthalene
Concen: 41.934 ng
RT: 10.757 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

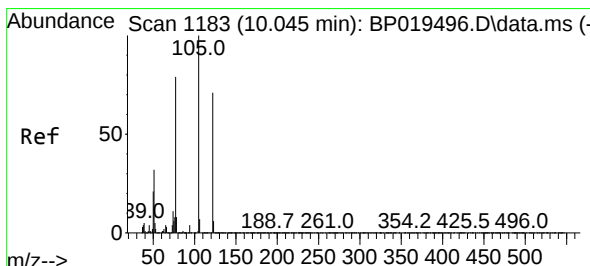
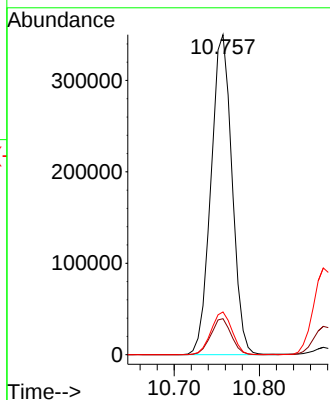
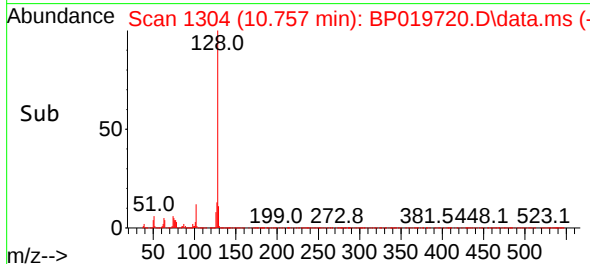
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



Tgt Ion:128 Resp: 599680
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.3 10.8 16.2

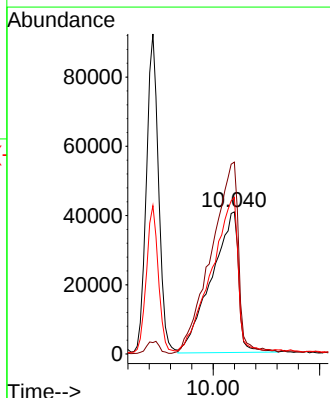
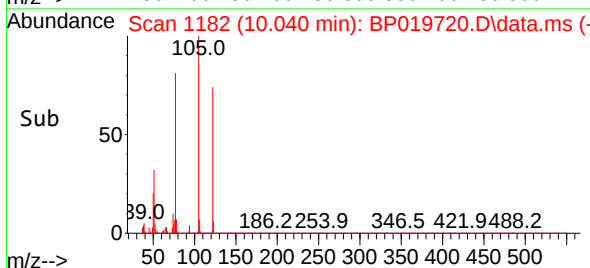
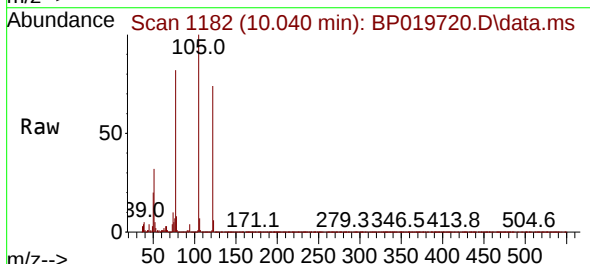
Manual Integrations
APPROVED

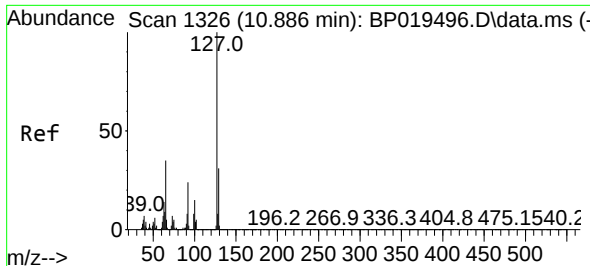
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#32
Benzoic acid
Concen: 49.870 ng
RT: 10.040 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Tgt Ion:122 Resp: 143528
Ion Ratio Lower Upper
122 100
105 135.0 118.8 158.8
77 110.3 91.7 131.7





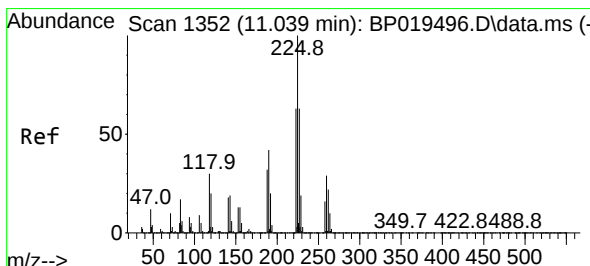
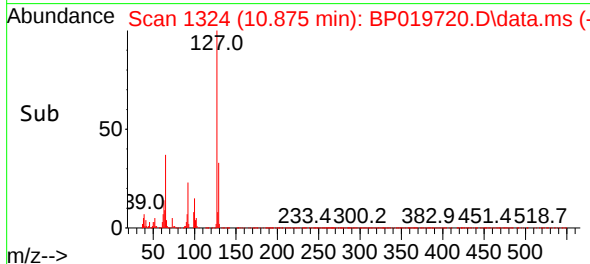
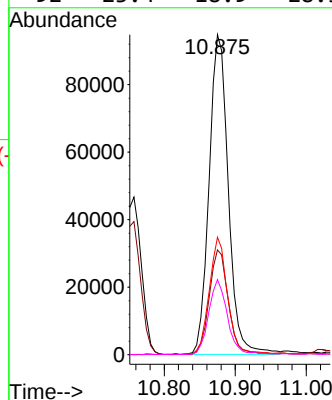
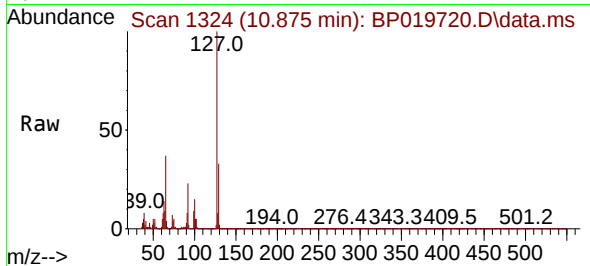
#33
4-Chloroaniline
Concen: 33.762 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion:	127	Resp:	17855
Ion Ratio	Lower	Upper	
127	100		
129	32.7	24.6	36.8
65	36.7	28.2	42.4
92	23.4	18.9	28.3

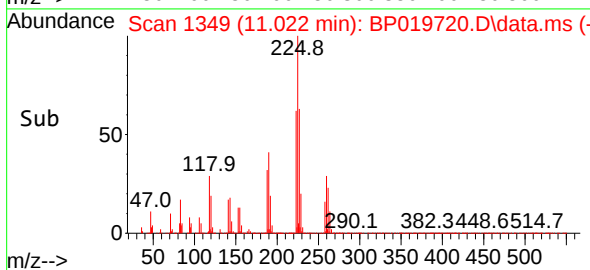
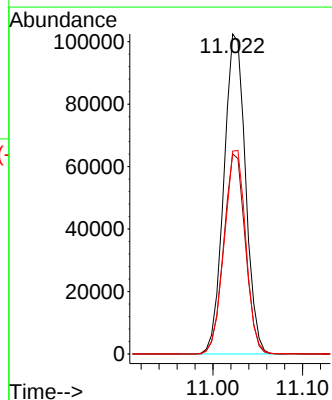
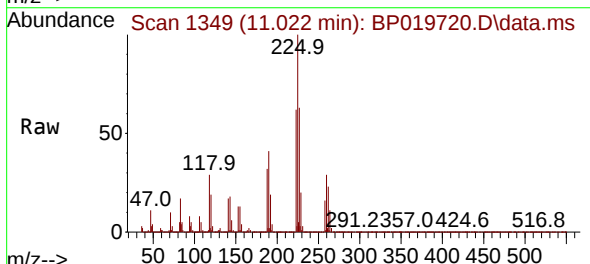
Manual Integrations
APPROVED

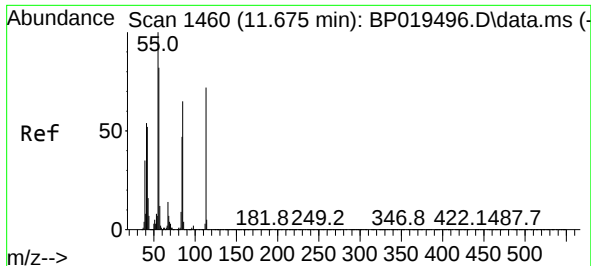
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#34
Hexachlorobutadiene
Concen: 42.256 ng
RT: 11.022 min Scan# 1349
Delta R.T. -0.017 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

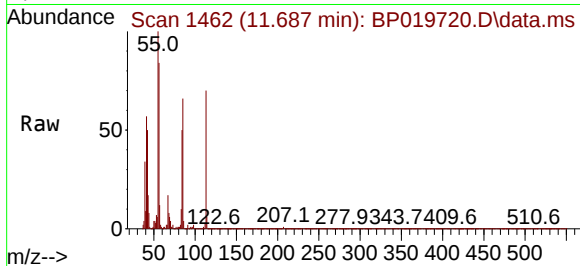
Tgt Ion:	225	Resp:	171440
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.5	75.7
227	63.4	50.2	75.2





#35
Caprolactam
Concen: 48.650 ng
RT: 11.687 min Scan# 1460
Delta R.T. 0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

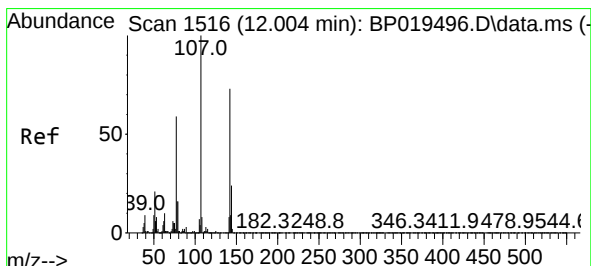
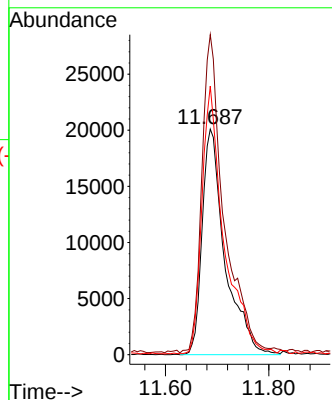
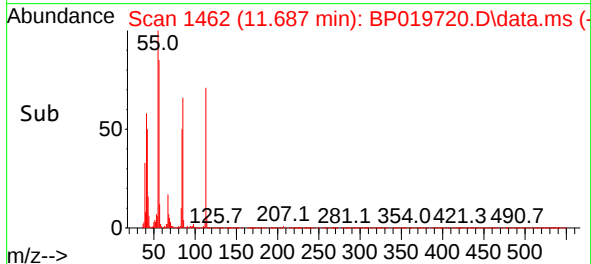
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



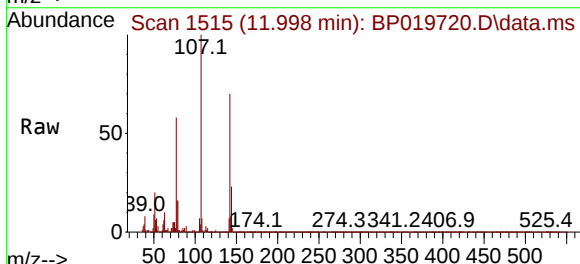
Tgt Ion:113 Resp: 61499
Ion Ratio Lower Upper
113 100
55 141.9 120.0 160.0
56 119.1 94.0 134.0

Manual Integrations
APPROVED

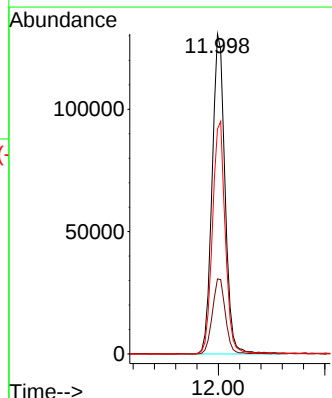
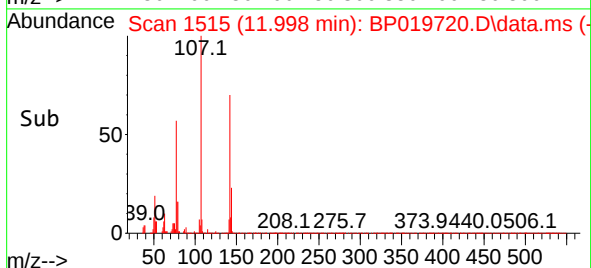
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

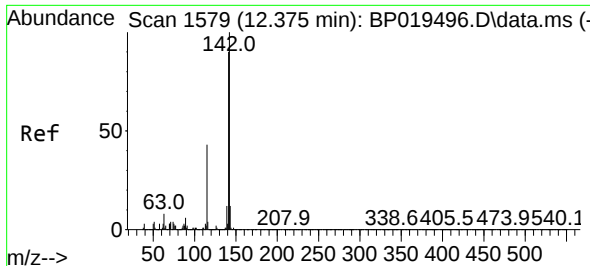


#36
4-Chloro-3-methylphenol
Concen: 45.124 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31



Tgt Ion:107 Resp: 219703
Ion Ratio Lower Upper
107 100
144 23.4 19.0 28.4
142 70.3 58.6 88.0





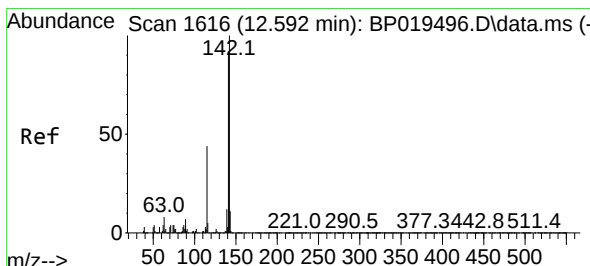
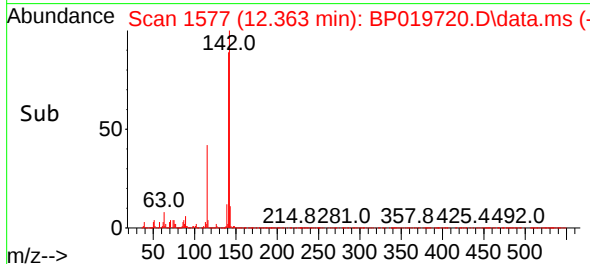
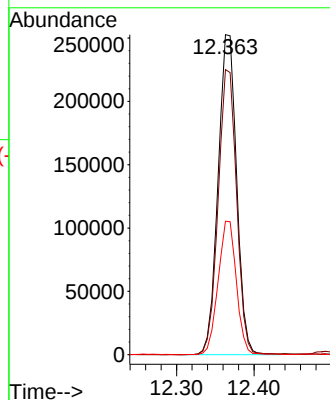
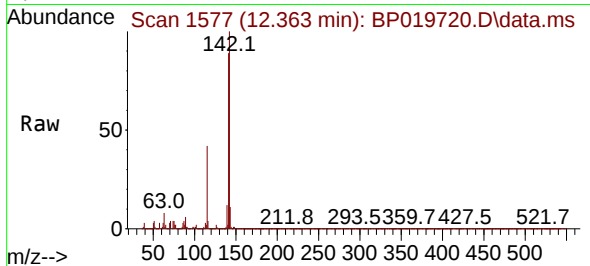
#37
2-Methylnaphthalene
Concen: 42.492 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion:142 Resp: 420520
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.4
115 41.7 34.2 51.2

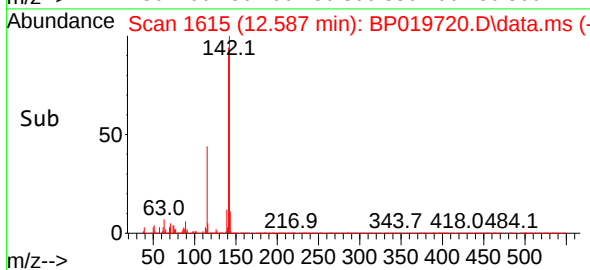
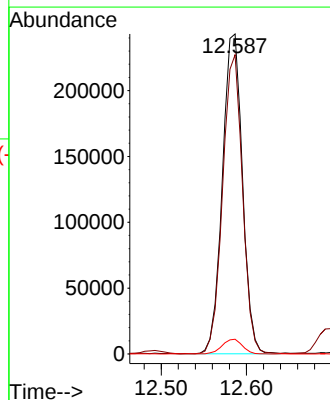
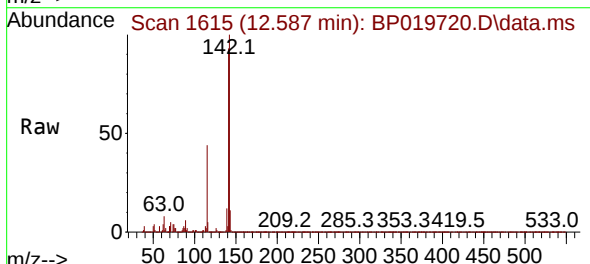
Manual Integrations
APPROVED

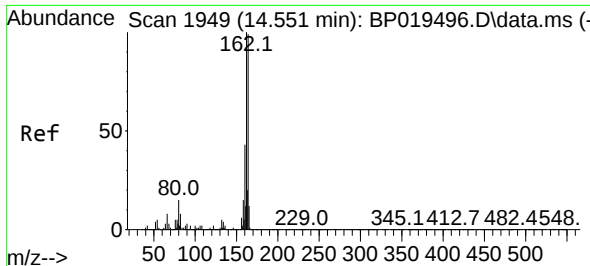
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#38
1-Methylnaphthalene
Concen: 40.841 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

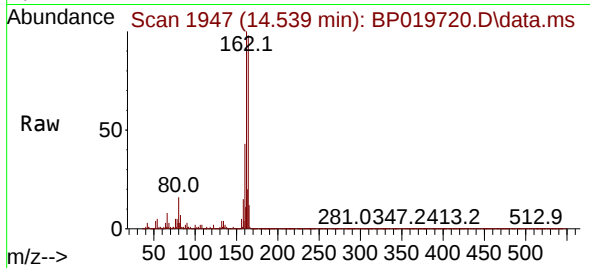
Tgt Ion:142 Resp: 397205
Ion Ratio Lower Upper
142 100
141 93.5 74.0 111.0
116 4.6 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

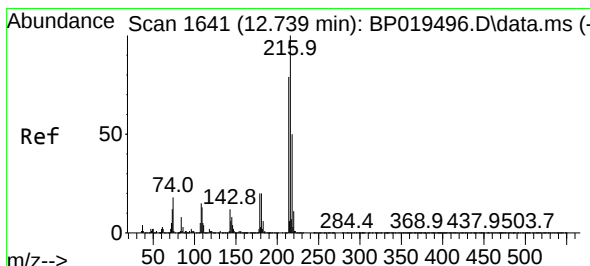
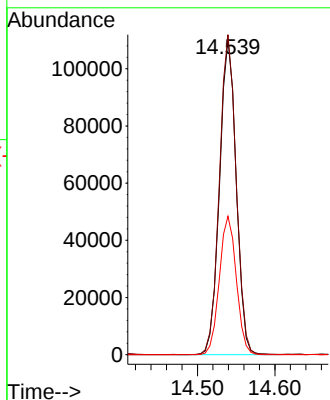
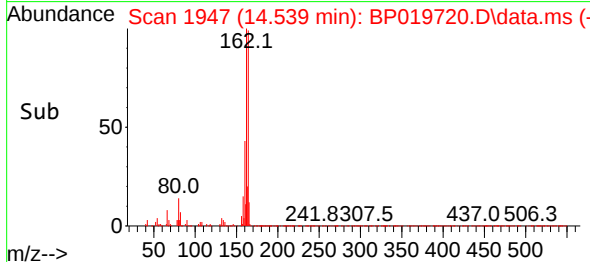
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



Tgt Ion:164 Resp: 164798
Ion Ratio Lower Upper
164 100
162 101.5 81.2 121.8
160 43.9 35.1 52.7

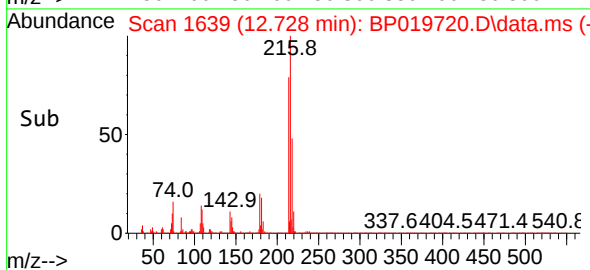
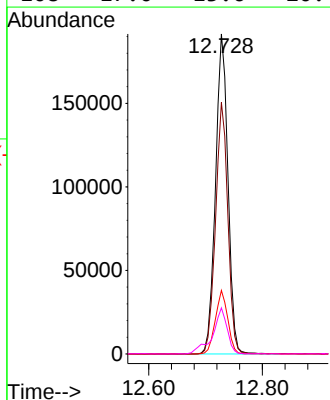
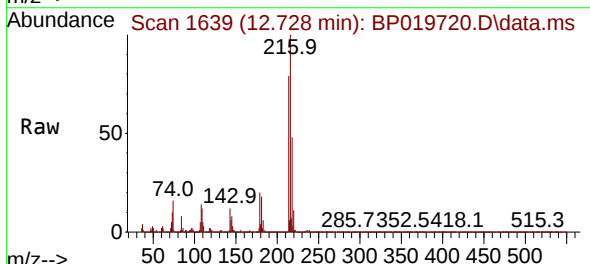
Manual Integrations
APPROVED

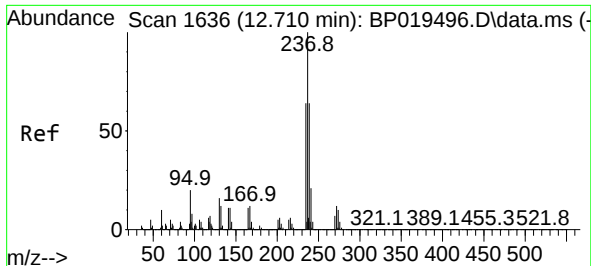
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.694 ng
RT: 12.728 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

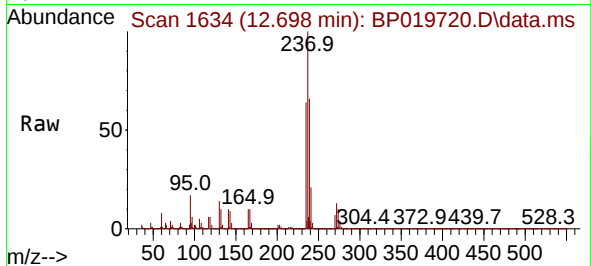
Tgt Ion:216 Resp: 290419
Ion Ratio Lower Upper
216 100
214 77.8 62.8 94.2
179 19.7 16.6 24.8
108 17.0 13.6 20.4





#41
Hexachlorocyclopentadiene
Concen: 107.795 ng
RT: 12.698 min Scan# 1634
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

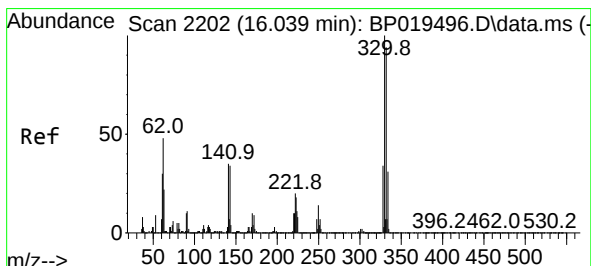
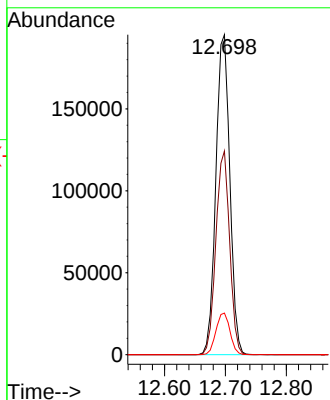
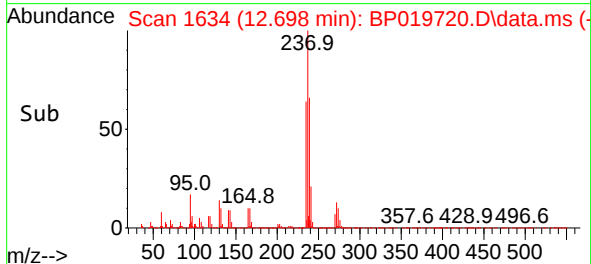
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



Tgt Ion:237 Resp: 30949
Ion Ratio Lower Upper
237 100
235 63.6 43.7 83.7
272 13.0 0.0 32.4

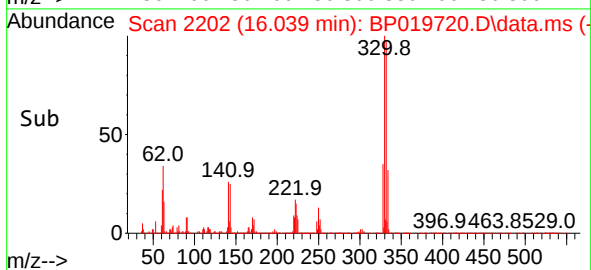
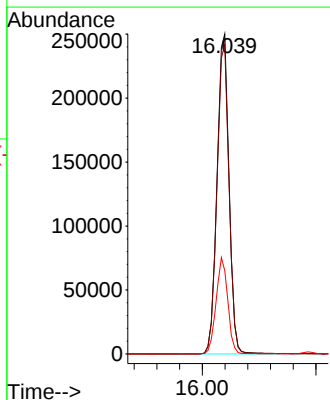
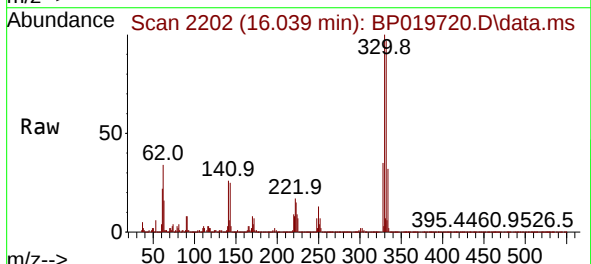
Manual Integrations
APPROVED

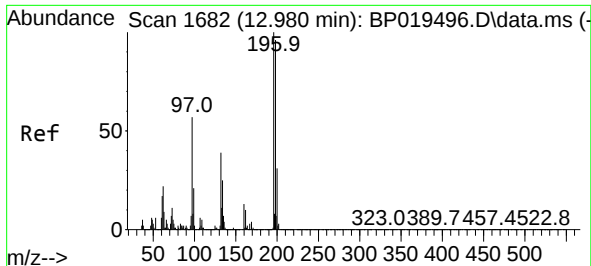
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#42
2,4,6-Tribromophenol
Concen: 152.306 ng
RT: 16.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

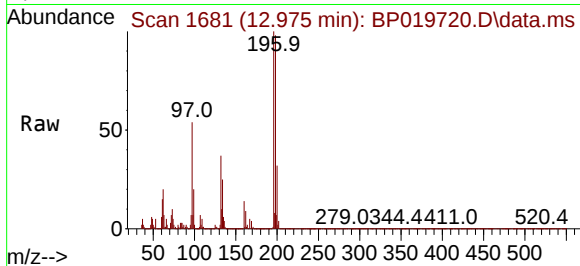
Tgt Ion:330 Resp: 366473
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 29.3 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 47.681 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

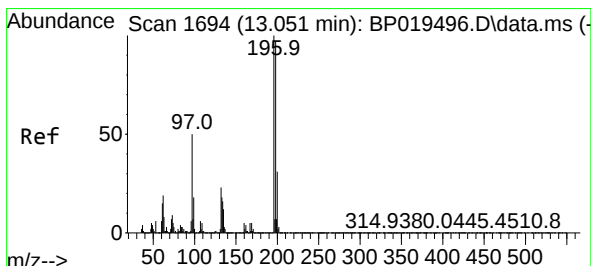
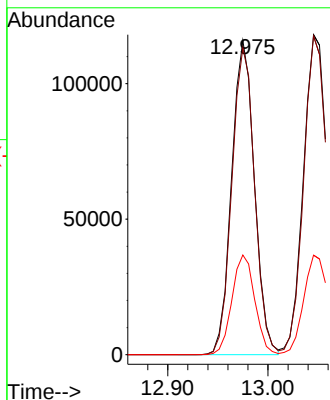
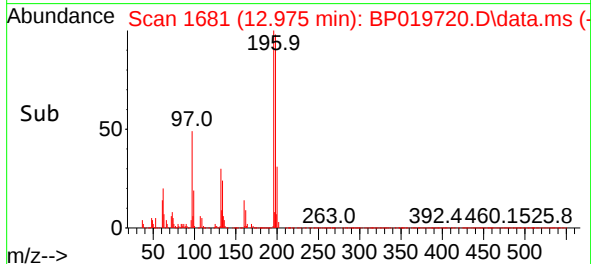
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



Tgt Ion:196 Resp: 183500
Ion Ratio Lower Upper
196 100
198 97.7 76.7 115.1
200 31.7 24.6 36.8

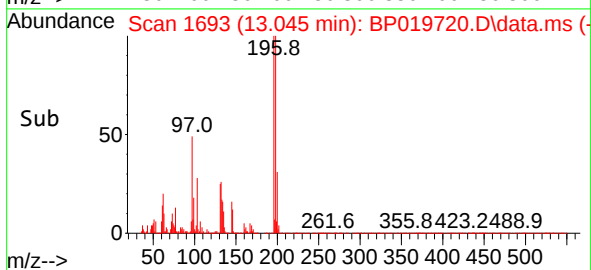
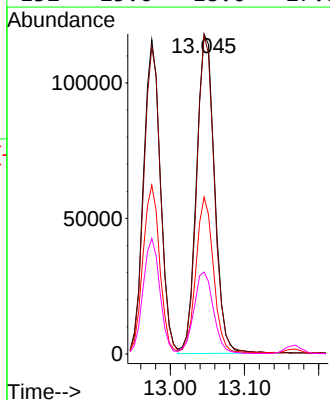
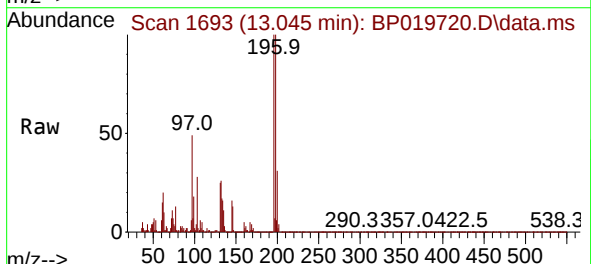
Manual Integrations
APPROVED

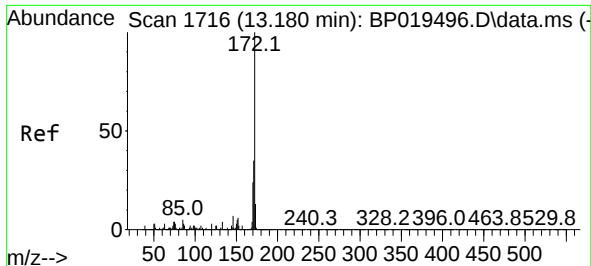
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#44
2,4,5-Trichlorophenol
Concen: 47.364 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Tgt Ion:196 Resp: 200157
Ion Ratio Lower Upper
196 100
198 99.6 77.5 116.3
97 48.9 39.9 59.9
132 25.6 18.6 27.8





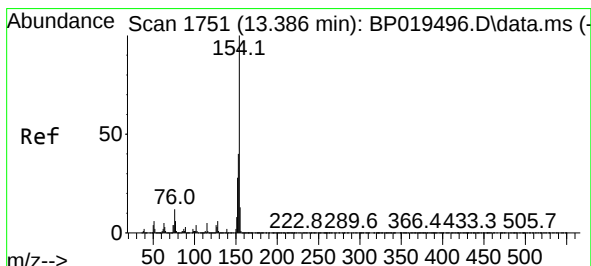
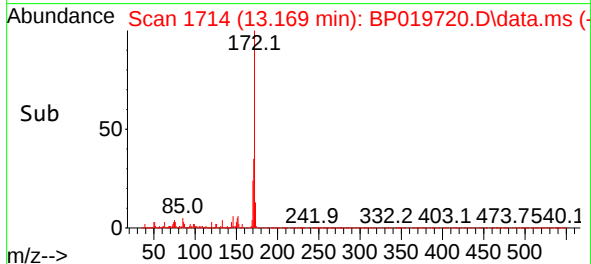
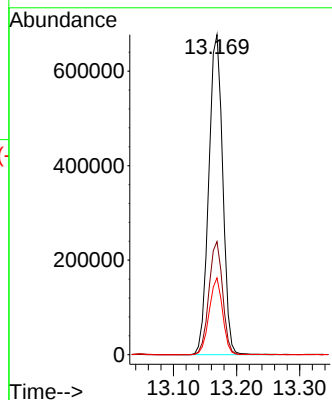
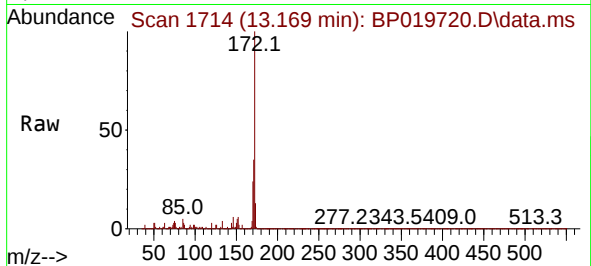
#45
2-Fluorobiphenyl
Concen: 77.911 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion:172 Resp: 1038608
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 24.0 18.9 28.3

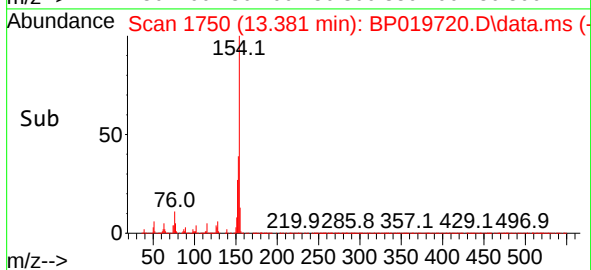
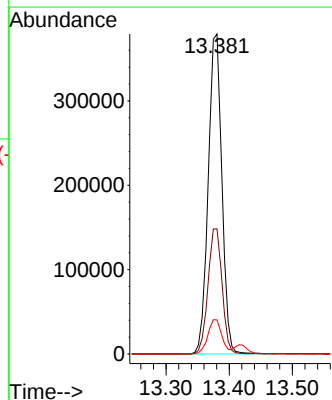
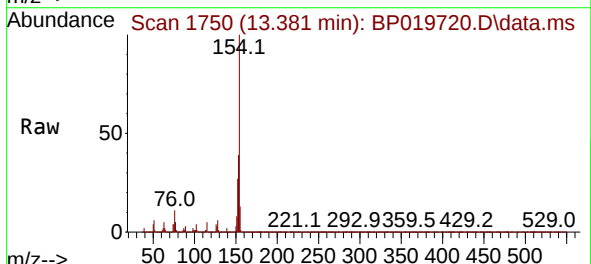
Manual Integrations
APPROVED

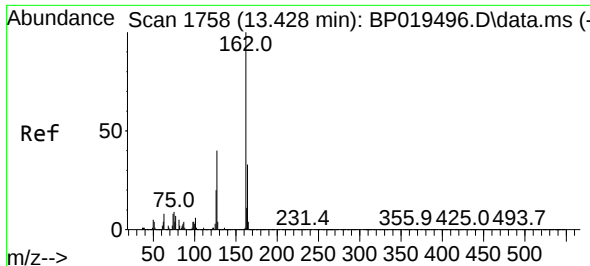
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#46
1,1'-Biphenyl
Concen: 43.275 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

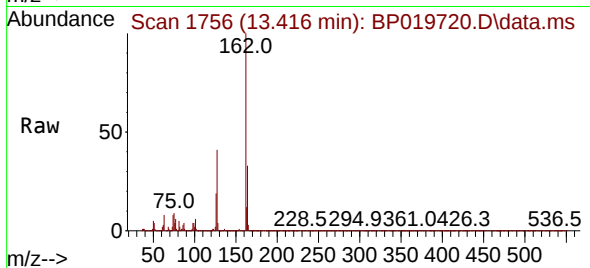
Tgt Ion:154 Resp: 569194
Ion Ratio Lower Upper
154 100
153 39.1 20.2 60.2
76 10.7 0.0 31.6





#47
2-Chloronaphthalene
Concen: 42.027 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

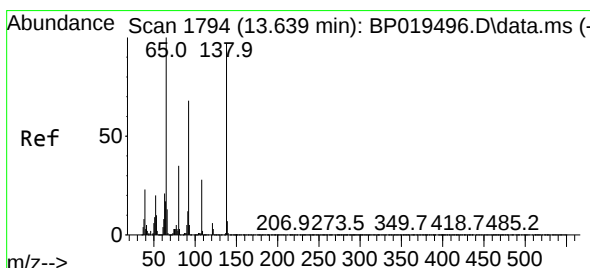
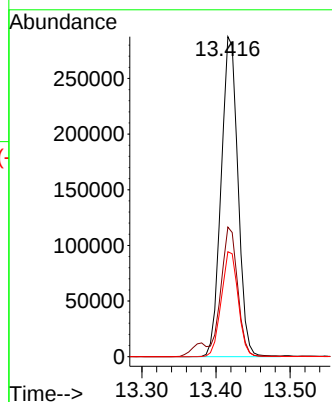
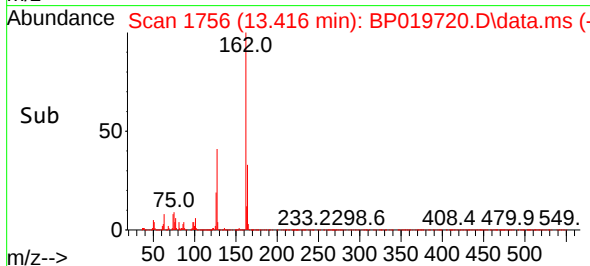
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



Tgt Ion:162 Resp: 453778
Ion Ratio Lower Upper
162 100
127 40.5 32.1 48.1
164 32.8 26.7 40.1

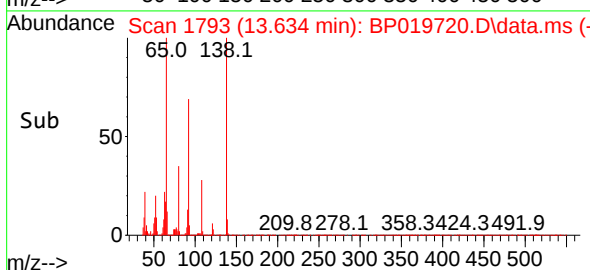
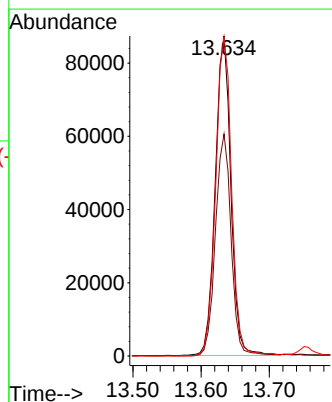
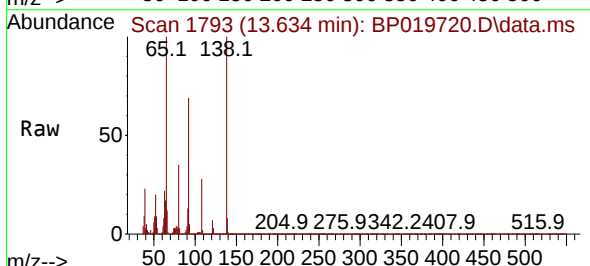
Manual Integrations
APPROVED

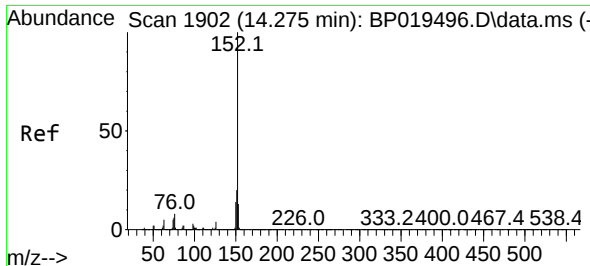
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#48
2-Nitroaniline
Concen: 46.044 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

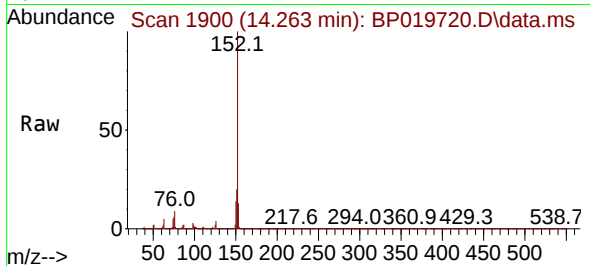
Tgt Ion: 65 Resp: 139011
Ion Ratio Lower Upper
65 100
92 69.3 54.7 82.1
138 99.7 77.8 116.6





#49
Acenaphthylene
Concen: 47.738 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

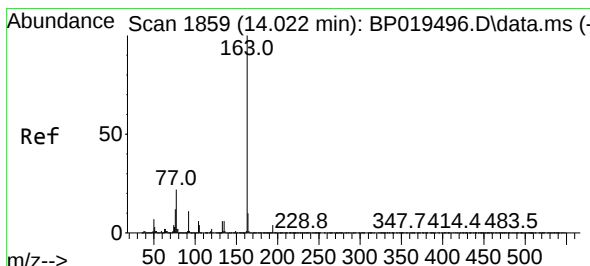
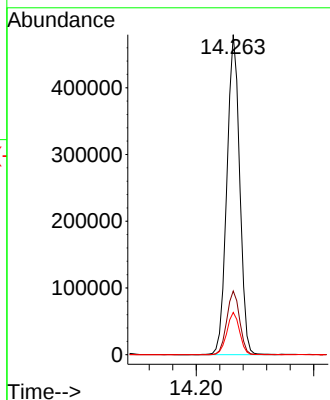
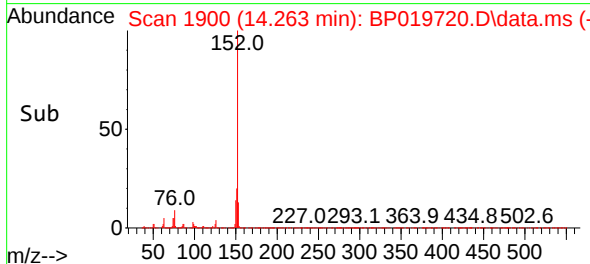
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



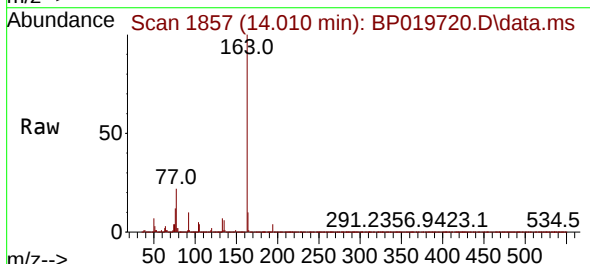
Tgt Ion:152 Resp: 72313
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.2 10.6 15.8

Manual Integrations
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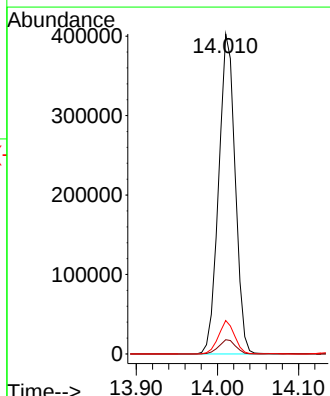
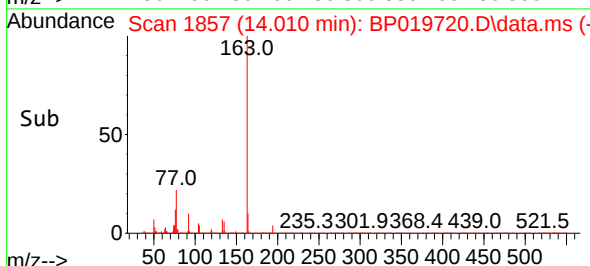
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

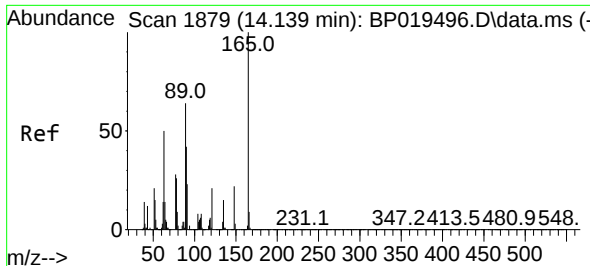


#50
Dimethylphthalate
Concen: 45.175 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31



Tgt Ion:163 Resp: 569912
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.5 7.8 11.6





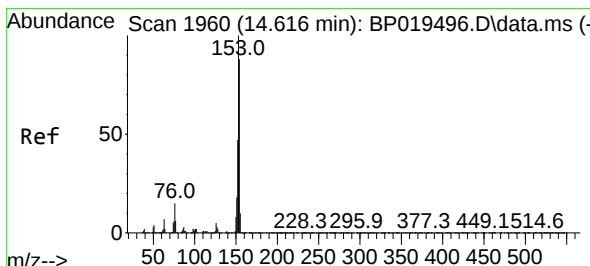
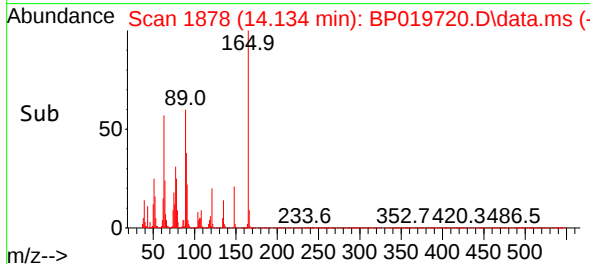
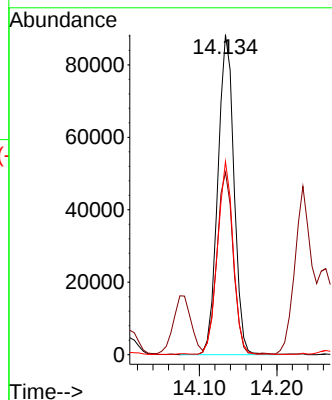
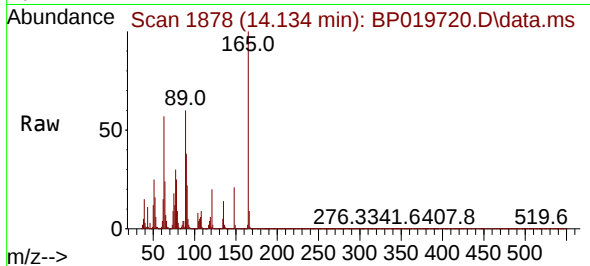
#51
2,6-Dinitrotoluene
Concen: 46.141 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion:165 Resp: 127892
Ion Ratio Lower Upper
165 100
63 57.0 50.4 75.6
89 60.4 51.7 77.5

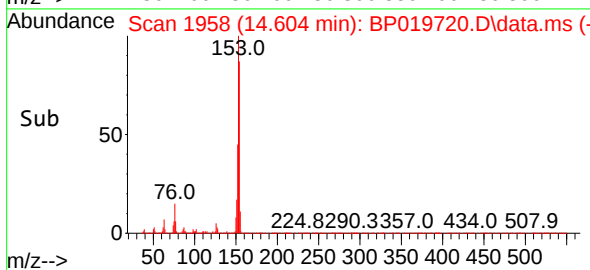
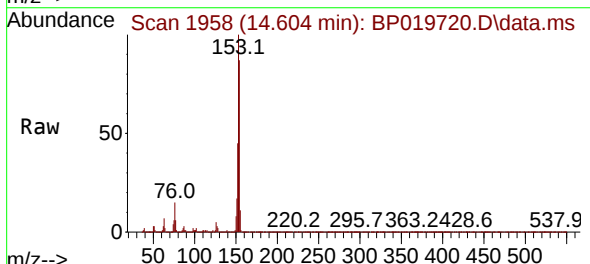
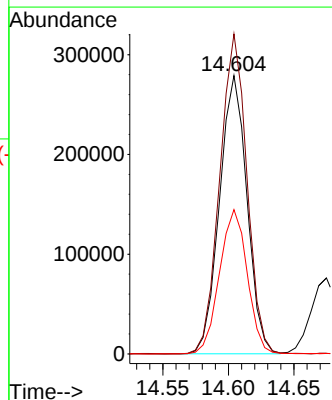
Manual Integrations
APPROVED

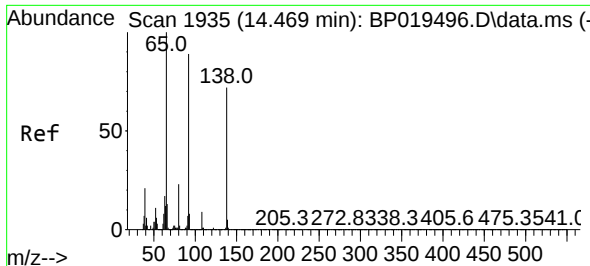
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#52
Acenaphthene
Concen: 43.162 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

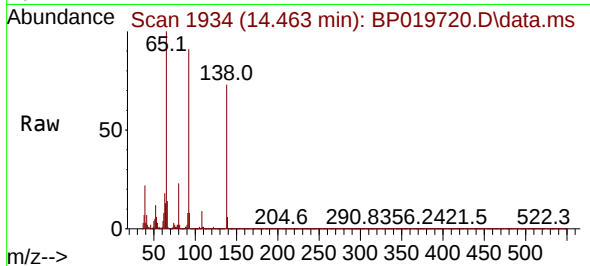
Tgt Ion:154 Resp: 405796
Ion Ratio Lower Upper
154 100
153 115.0 90.5 135.7
152 51.9 42.1 63.1





#53
3-Nitroaniline
Concen: 43.136 ng
RT: 14.463 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

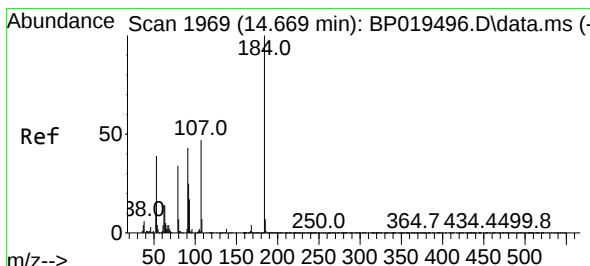
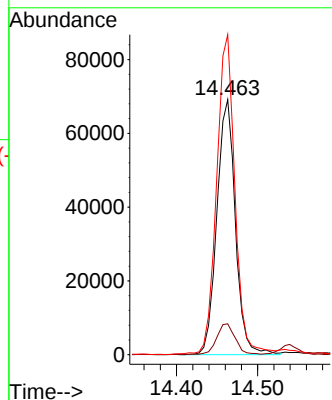
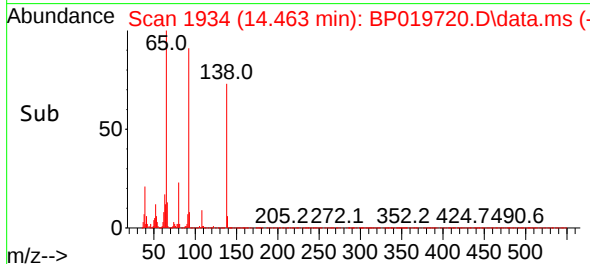
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



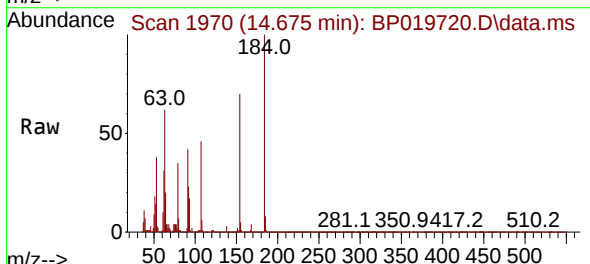
Tgt Ion:138 Resp: 109879
Ion Ratio Lower Upper
138 100
108 12.1 9.7 14.5
92 125.5 98.0 147.0

Manual Integrations
APPROVED

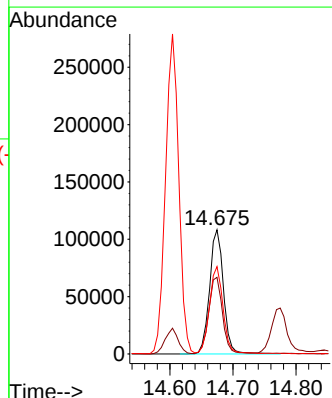
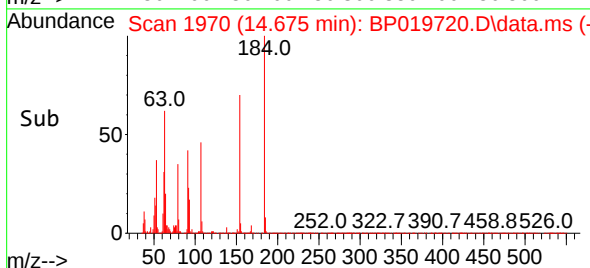
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

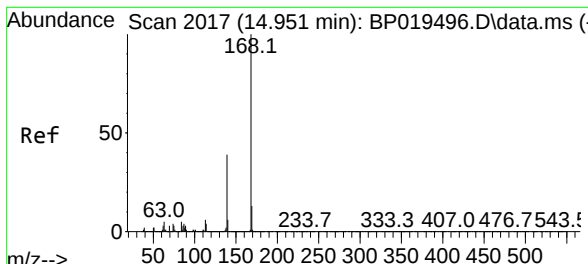


#54
2,4-Dinitrophenol
Concen: 115.020 ng
RT: 14.675 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31



Tgt Ion:184 Resp: 165530
Ion Ratio Lower Upper
184 100
63 61.7 50.5 75.7
154 70.3 53.4 80.0





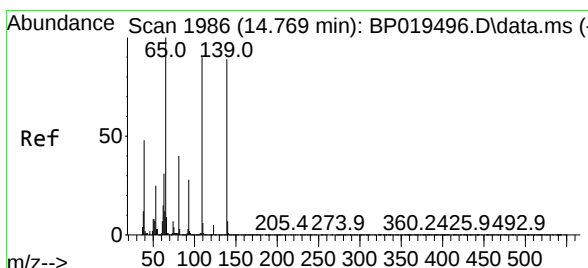
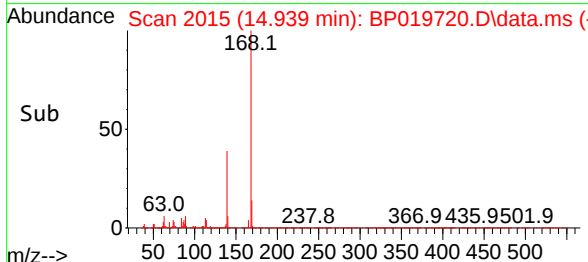
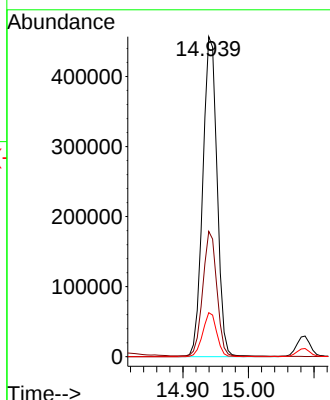
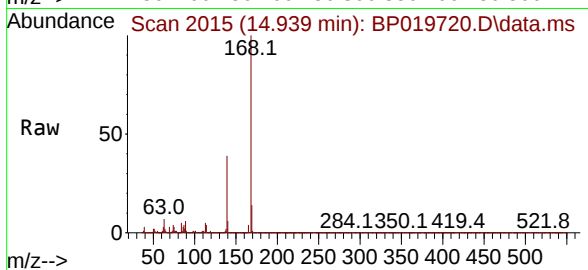
#55
 Dibenzofuran
 Concen: 45.401 ng
 RT: 14.939 min Scan# 2015
 Delta R.T. -0.012 min
 Lab File: BP019720.D
 Acq: 15 Feb 2024 13:31

Instrument :
 BNA_P
 ClientSampleId :
 SB-6(15-16)MSD

Tgt Ion:168 Resp: 695198
 Ion Ratio Lower Upper
 168 100
 139 39.2 31.5 47.3
 169 13.8 10.3 15.5

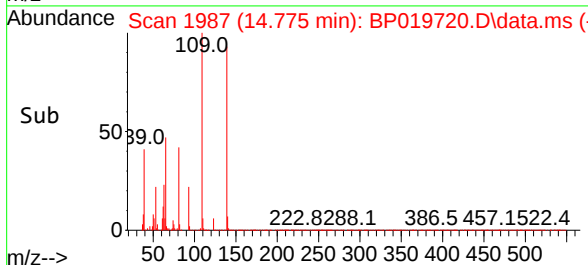
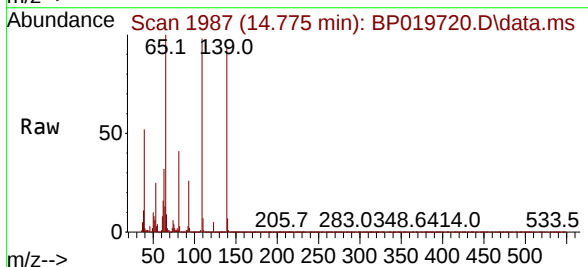
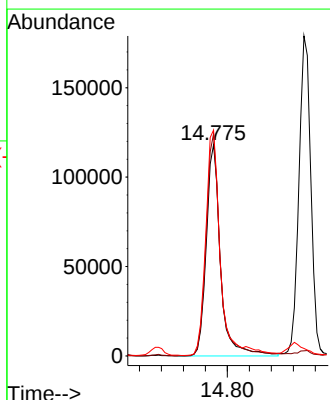
Manual Integrations
 APPROVED

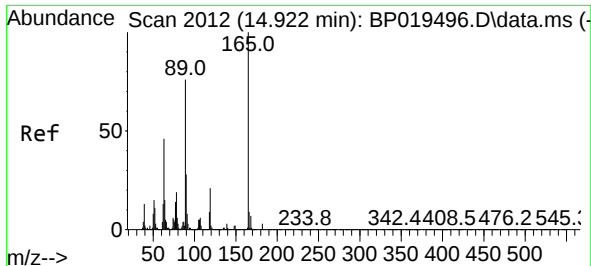
Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/17/2024



#56
 4-Nitrophenol
 Concen: 101.408 ng
 RT: 14.775 min Scan# 1987
 Delta R.T. 0.006 min
 Lab File: BP019720.D
 Acq: 15 Feb 2024 13:31

Tgt Ion:139 Resp: 211723
 Ion Ratio Lower Upper
 139 100
 109 105.2 82.0 122.0
 65 107.0 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 49.545 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :

BNA_P

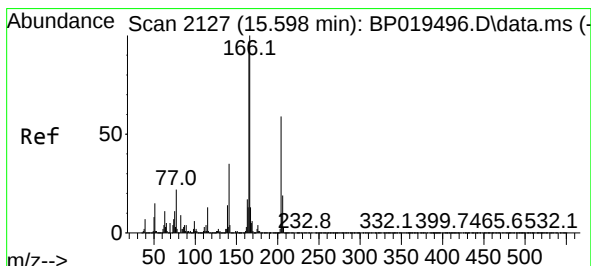
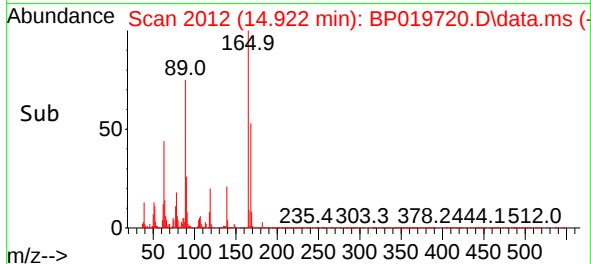
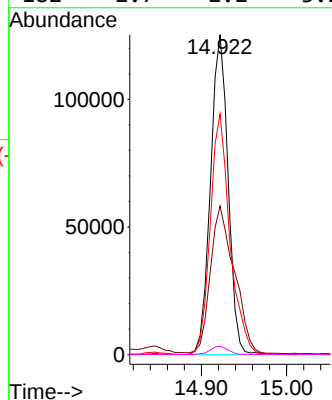
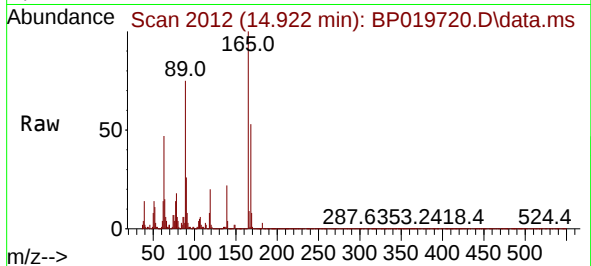
ClientSampleId :

SB-6(15-16)MSD

Tgt Ion:165 Resp: 179959
Ion Ratio Lower Upper
165 100
63 46.5 36.9 55.3
89 75.2 61.1 91.7
182 2.7 2.2 3.2

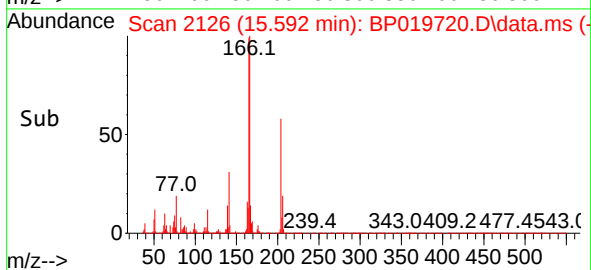
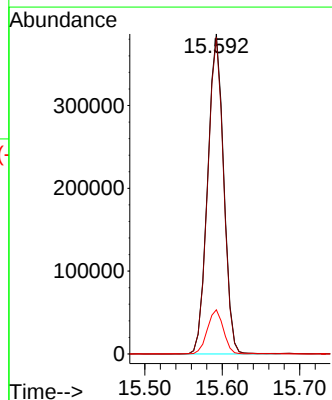
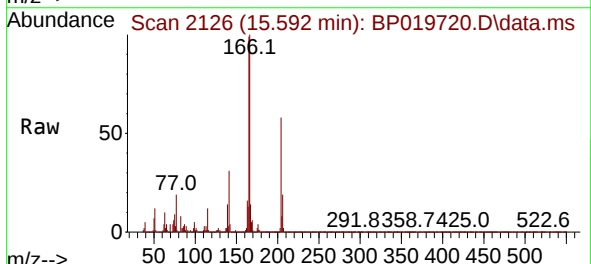
Manual Integrations
APPROVED

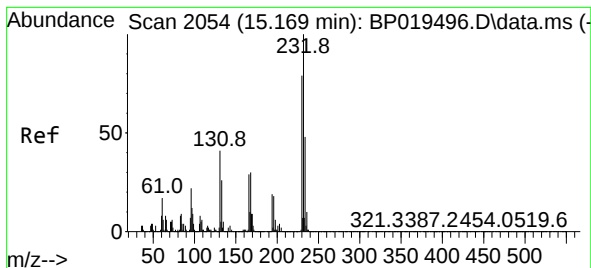
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#58
Fluorene
Concen: 45.675 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

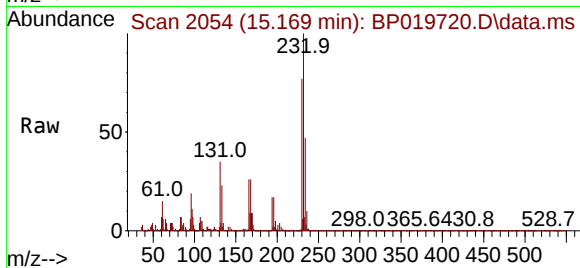
Tgt Ion:166 Resp: 557053
Ion Ratio Lower Upper
166 100
165 99.0 77.8 116.8
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.967 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

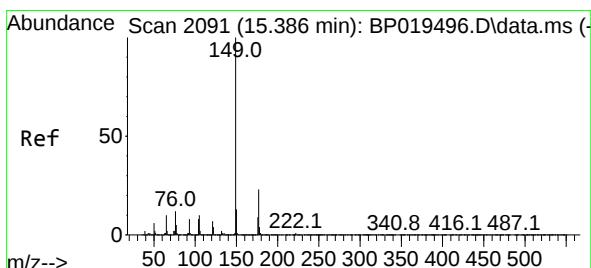
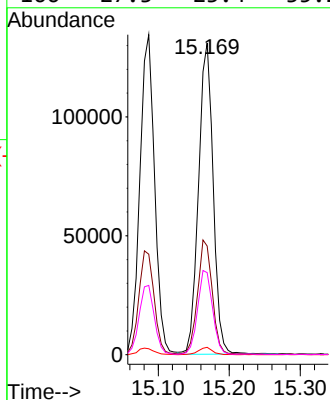
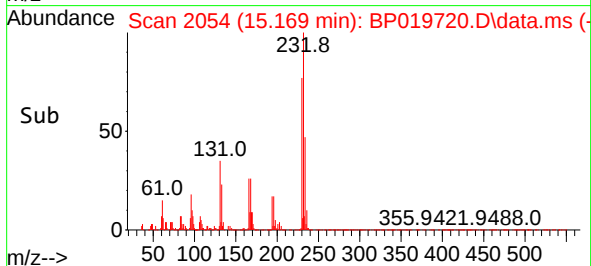
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



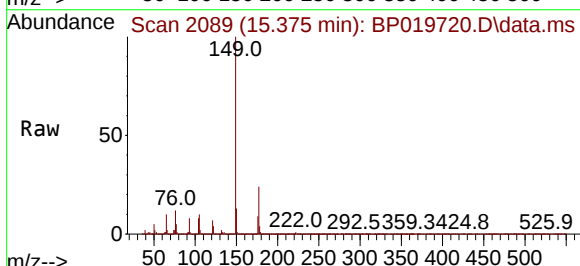
Tgt Ion:232 Resp: 188270
Ion Ratio Lower Upper
232 100
131 36.7 32.4 48.6
130 2.2 1.9 2.9
166 27.3 23.4 35.2

Manual Integrations
APPROVED

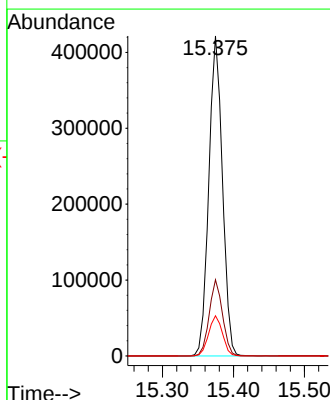
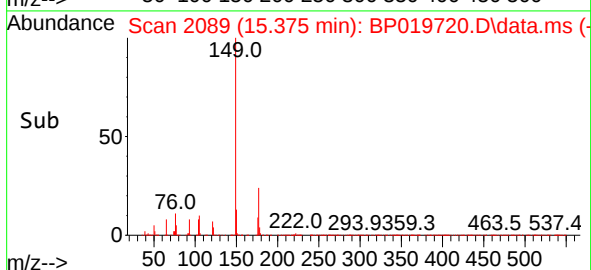
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#60
Diethylphthalate
Concen: 44.691 ng
RT: 15.375 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31



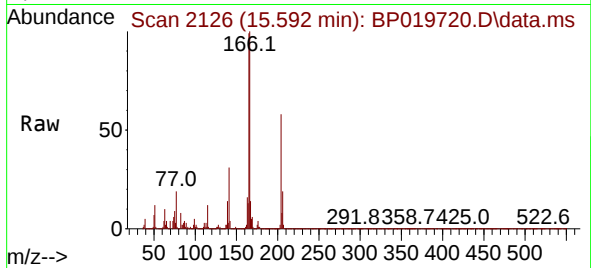
Tgt Ion:149 Resp: 560798
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.2
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.864 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

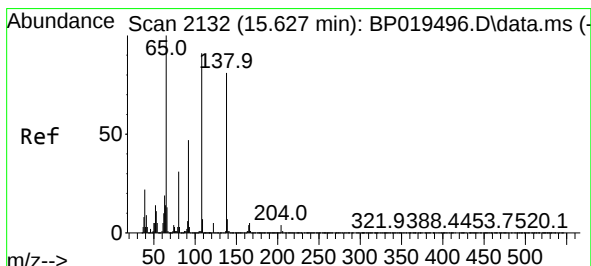
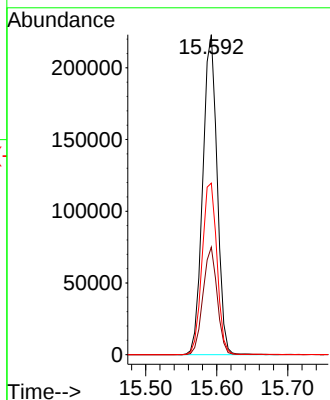
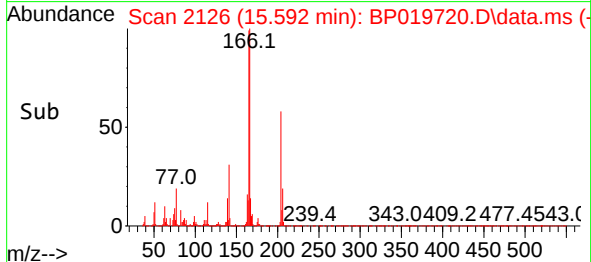
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



Tgt Ion:204 Resp: 31438
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 53.6 48.5 72.7

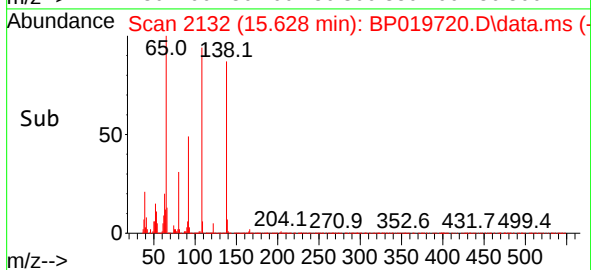
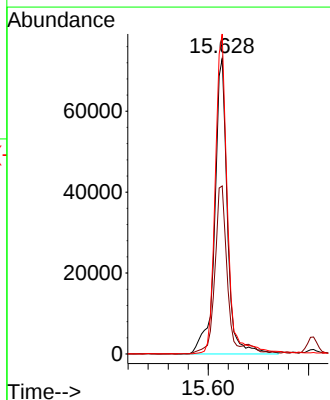
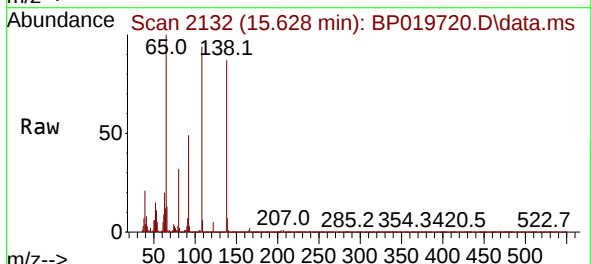
Manual Integrations
APPROVED

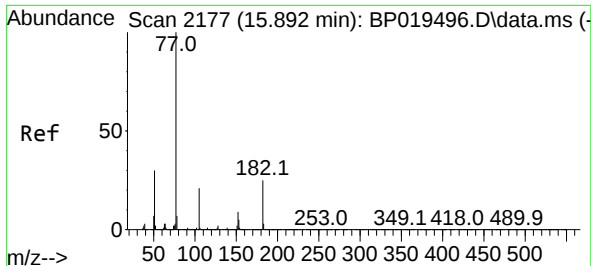
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#62
4-Nitroaniline
Concen: 47.738 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

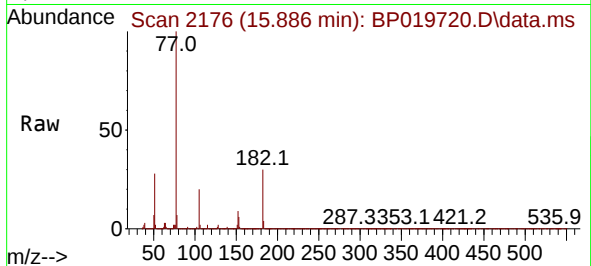
Tgt Ion:138 Resp: 127460
Ion Ratio Lower Upper
138 100
92 56.8 38.3 78.3
108 108.3 91.2 131.2





#63
Azobenzene
Concen: 43.066 ng
RT: 15.886 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

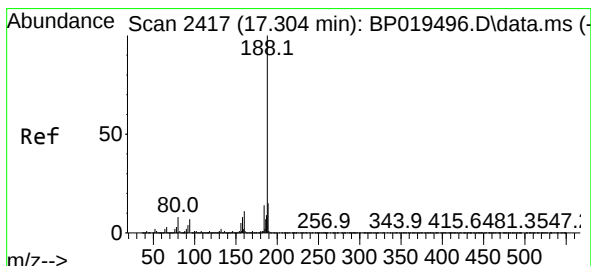
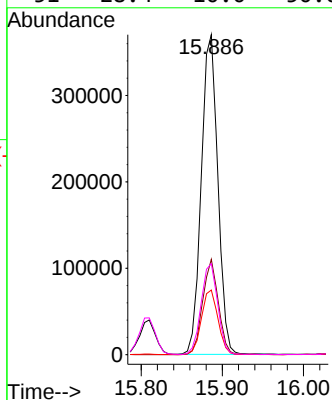
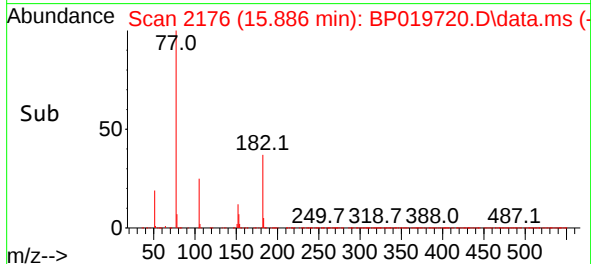
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



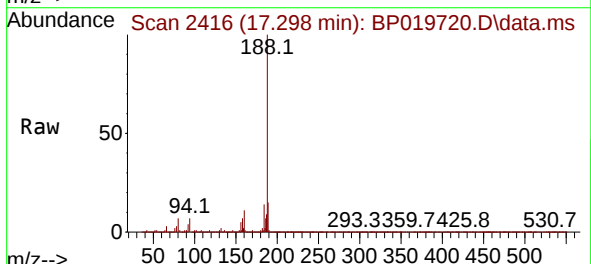
Tgt Ion: 77 Resp: 522578
Ion Ratio Lower Upper
77 100
182 29.8 5.1 45.1
105 20.2 0.8 40.8
51 28.4 10.0 50.0

Manual Integrations
APPROVED

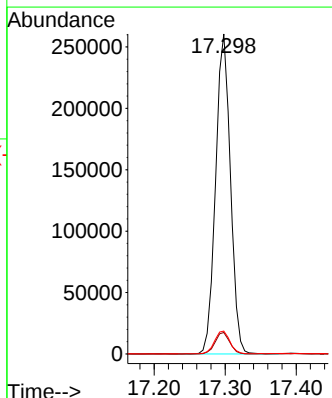
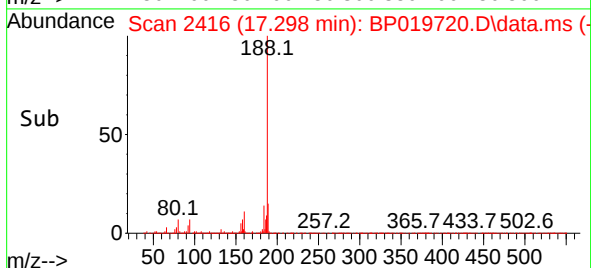
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

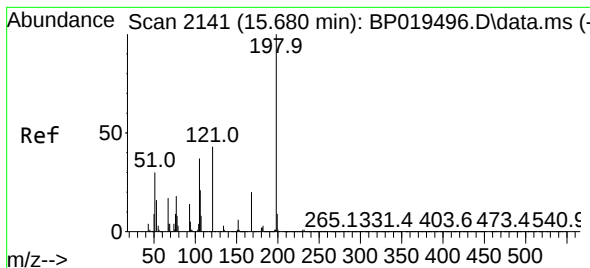


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31



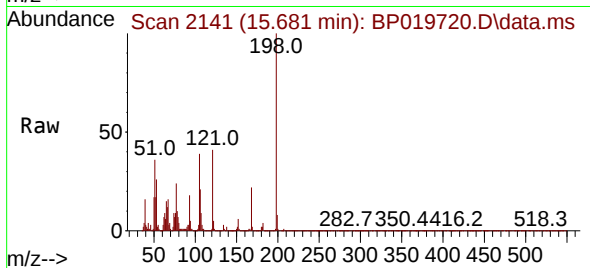
Tgt Ion:188 Resp: 375964
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.2
80 7.2 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 52.038 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

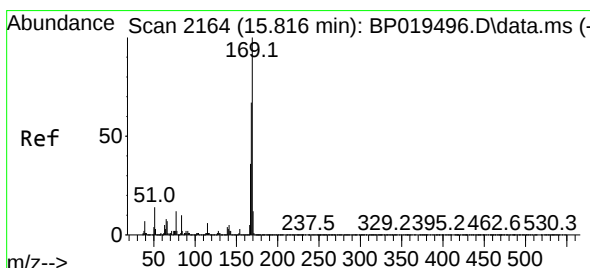
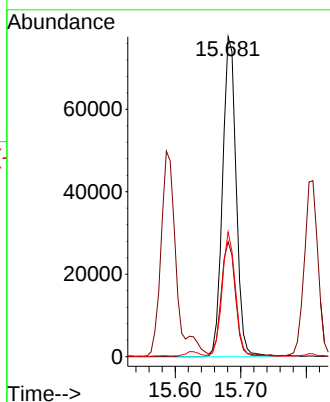
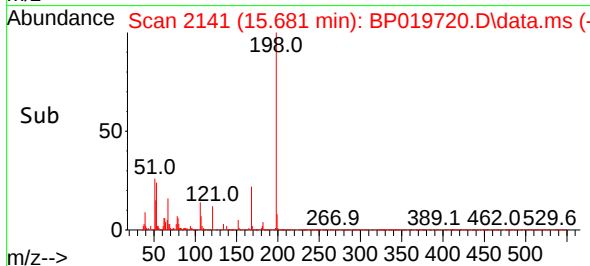
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



Tgt Ion:198 Resp: 111558
Ion Ratio Lower Upper
198 100
51 35.9 21.2 61.2
105 39.0 19.1 59.1

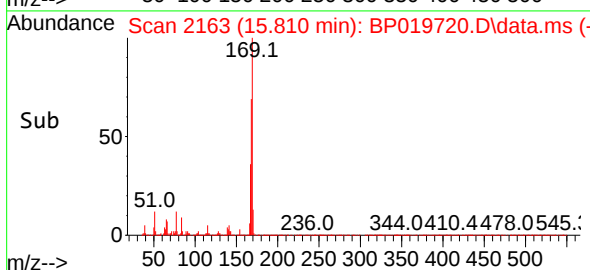
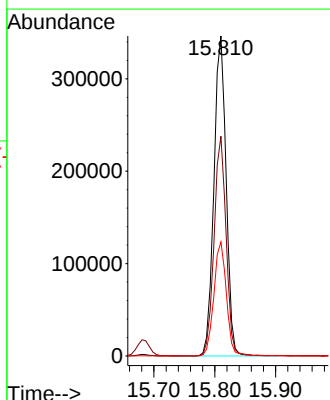
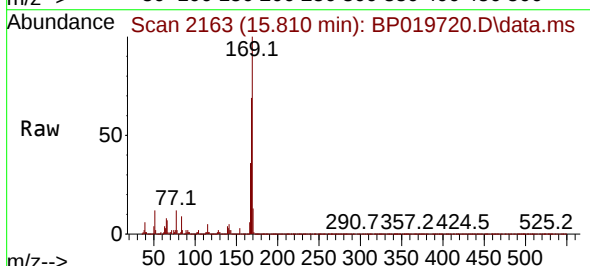
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#66
n-Nitrosodiphenylamine
Concen: 42.861 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Tgt Ion:169 Resp: 482608
Ion Ratio Lower Upper
169 100
168 68.6 53.4 80.2
167 35.6 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 44.365 ng
RT: 16.486 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :

BNA_P

ClientSampleId :

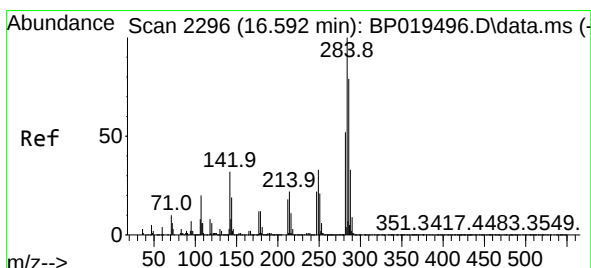
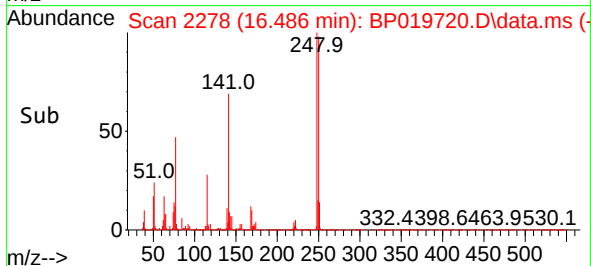
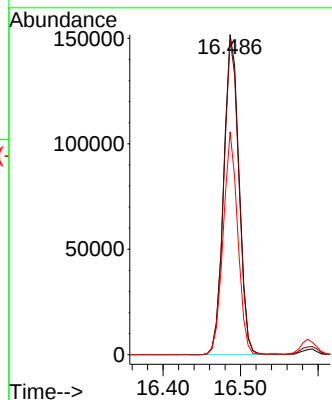
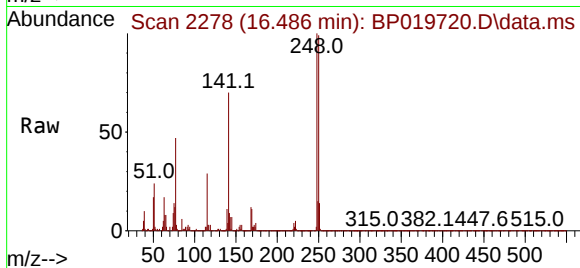
SB-6(15-16)MSD

Tgt Ion:248 Resp: 208518
Ion Ratio Lower Upper
248 100
250 98.6 76.9 115.3
141 69.7 58.0 87.0

Manual Integrations

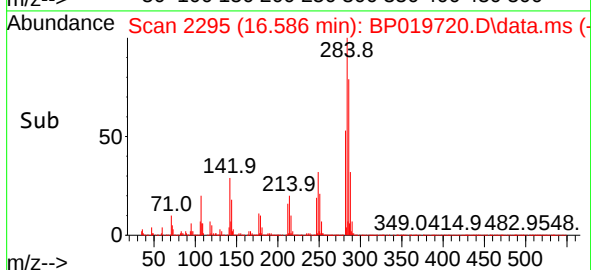
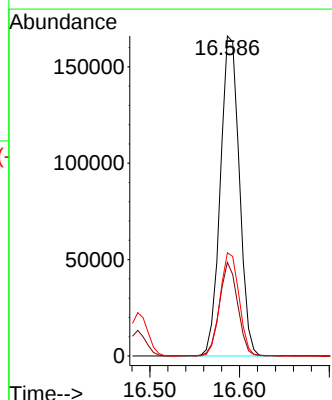
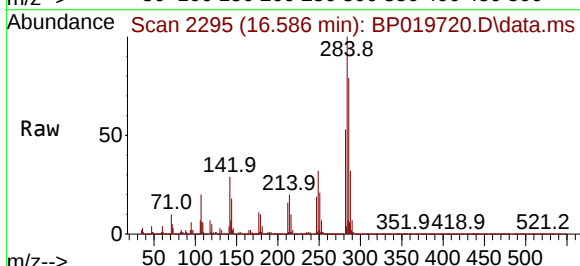
APPROVED

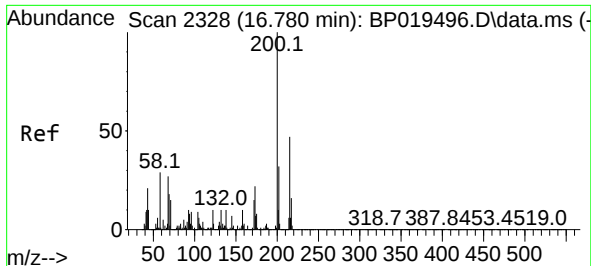
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#68
Hexachlorobenzene
Concen: 44.309 ng
RT: 16.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Tgt Ion:284 Resp: 243193
Ion Ratio Lower Upper
284 100
142 29.3 25.4 38.2
249 32.3 26.5 39.7





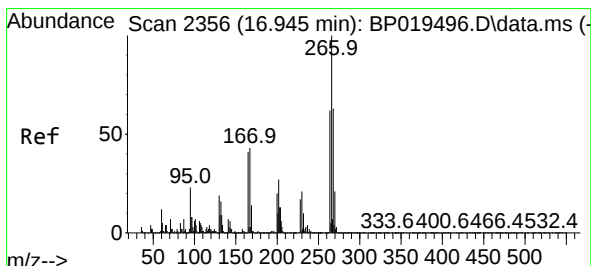
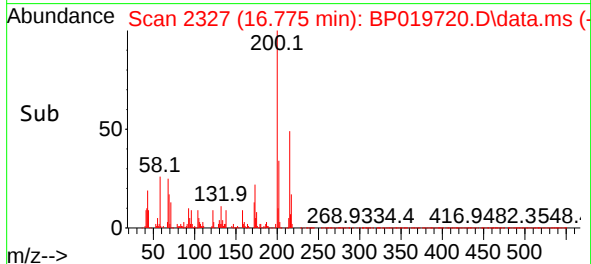
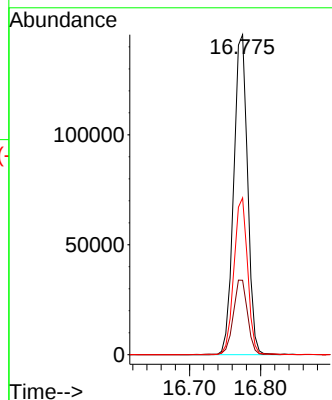
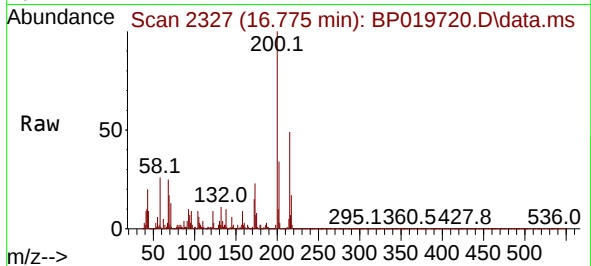
#69
Atrazine
Concen: 52.854 ng
RT: 16.775 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion:200 Resp: 19748
Ion Ratio Lower Upper
200 100
173 23.3 1.7 41.7
215 49.0 26.9 66.9

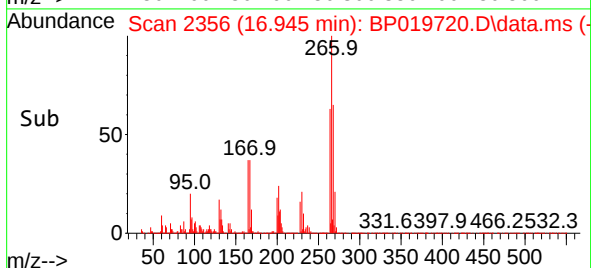
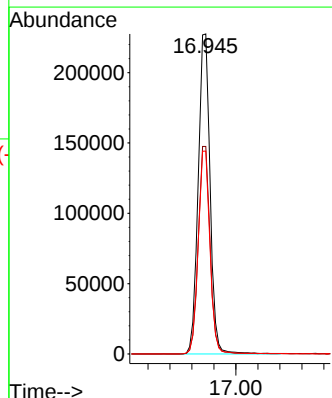
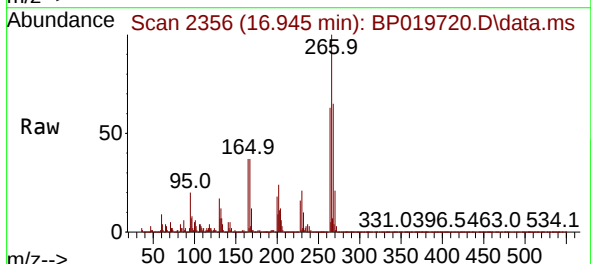
Manual Integrations
APPROVED

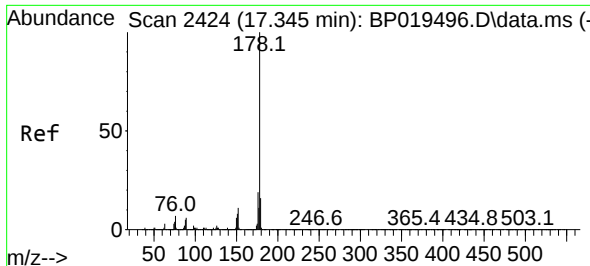
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#70
Pentachlorophenol
Concen: 100.227 ng
RT: 16.945 min Scan# 2356
Delta R.T. 0.000 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Tgt Ion:266 Resp: 342572
Ion Ratio Lower Upper
266 100
268 64.9 50.3 75.5
264 63.4 49.7 74.5





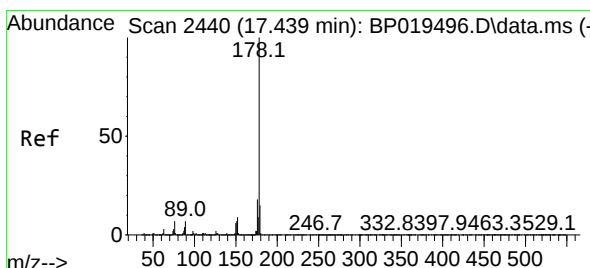
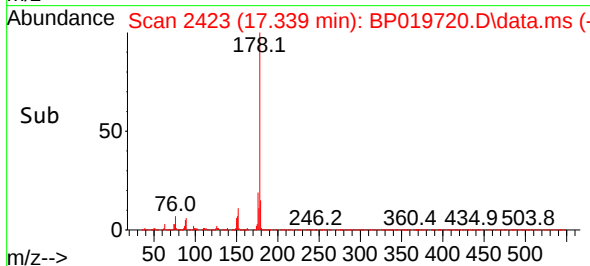
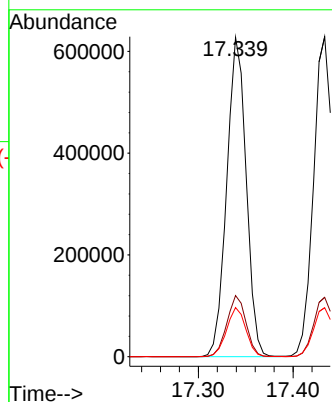
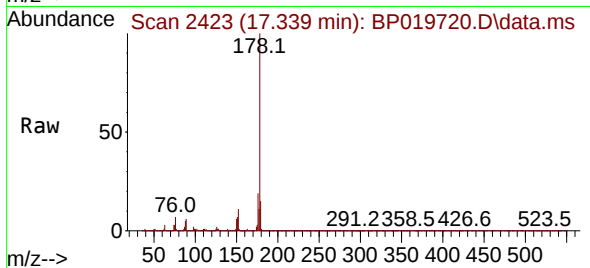
#71
Phenanthrene
Concen: 45.295 ng
RT: 17.339 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion:178 Resp: 89619
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.4 12.6 19.0

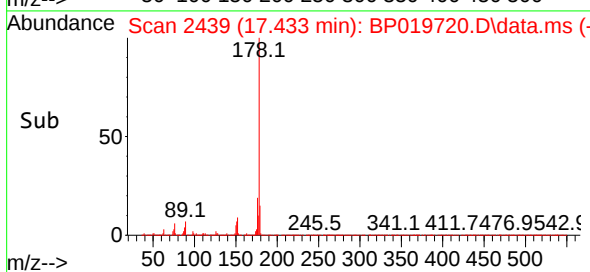
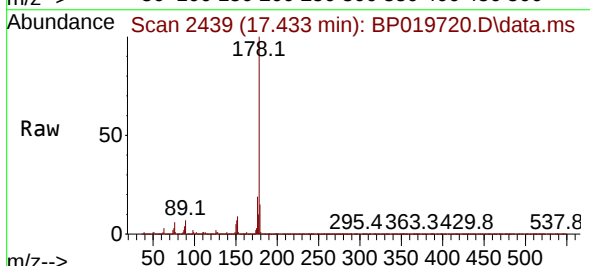
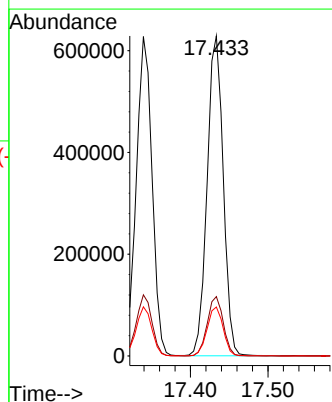
Manual Integrations
APPROVED

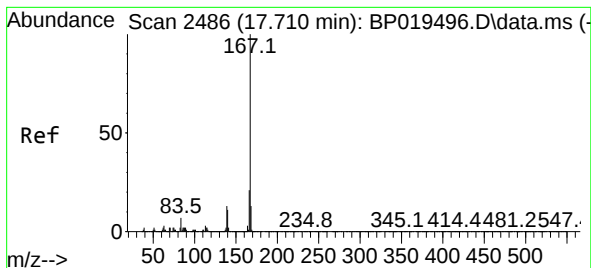
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#72
Anthracene
Concen: 45.967 ng
RT: 17.433 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Tgt Ion:178 Resp: 907265
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.3 12.2 18.2





#73

Carbazole

Concen: 45.031 ng

RT: 17.710 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP019720.D

Acq: 15 Feb 2024 13:31

Instrument :

BNA_P

ClientSampleId :

SB-6(15-16)MSD

Tgt Ion:167 Resp: 80742

Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

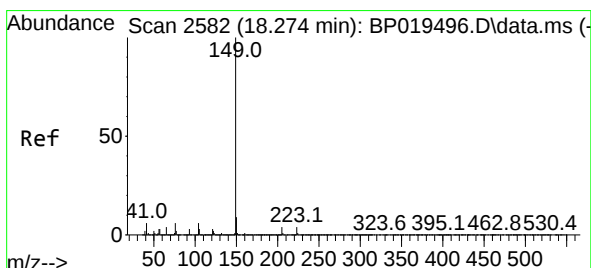
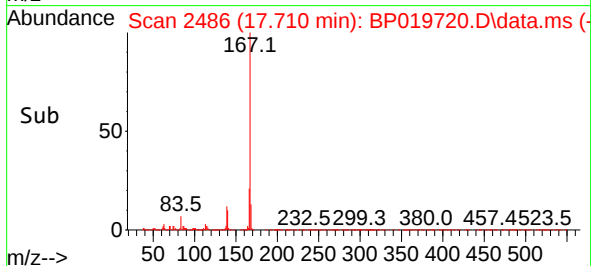
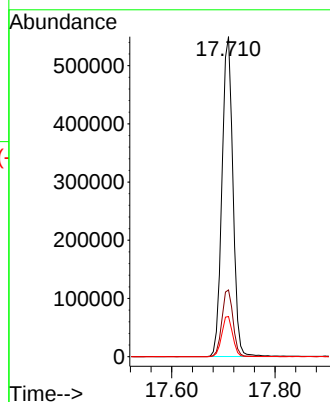
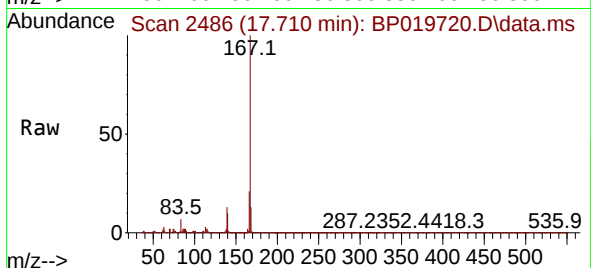
139 12.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#74

Di-n-butylphthalate

Concen: 42.285 ng

RT: 18.263 min Scan# 2580

Delta R.T. -0.012 min

Lab File: BP019720.D

Acq: 15 Feb 2024 13:31

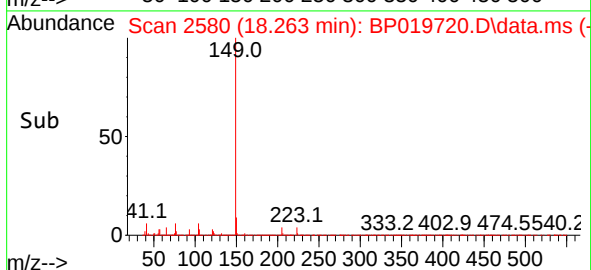
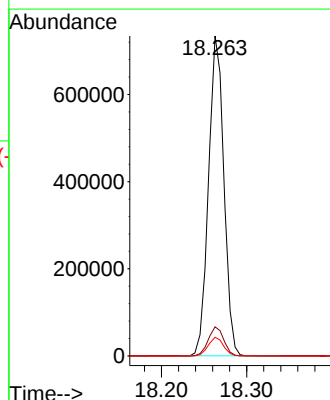
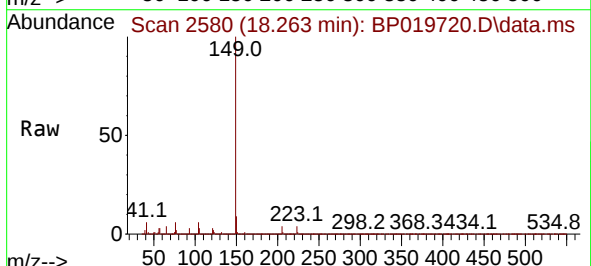
Tgt Ion:149 Resp: 916736

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

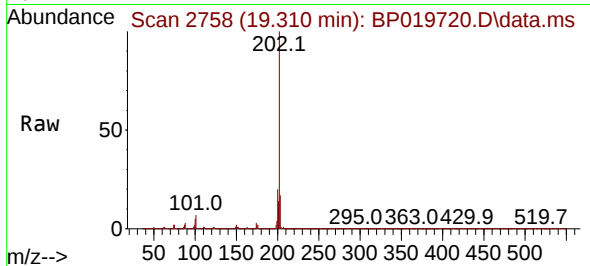
104 5.8 4.8 7.2





#75
Fluoranthene
Concen: 46.460 ng
RT: 19.310 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

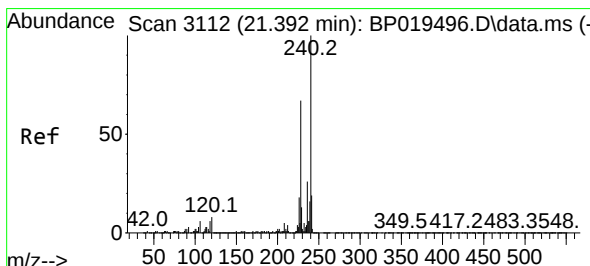
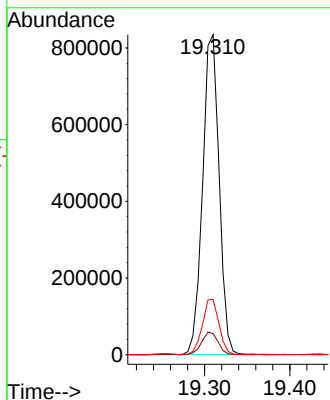
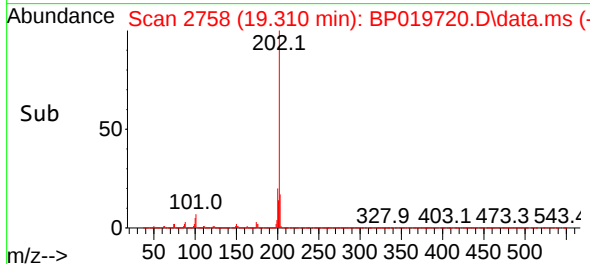
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



Tgt Ion:202 Resp: 112294
Ion Ratio Lower Upper
202 100
101 6.6 0.0 27.7
203 17.2 0.0 37.5

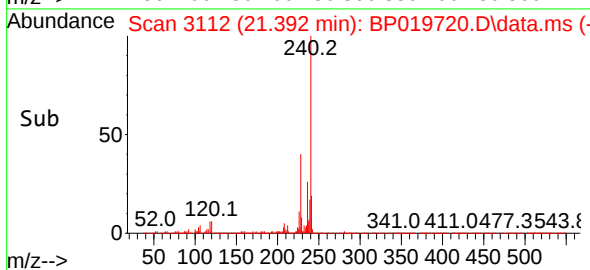
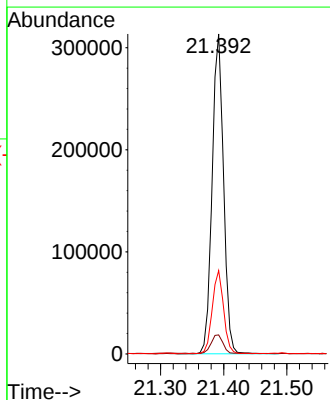
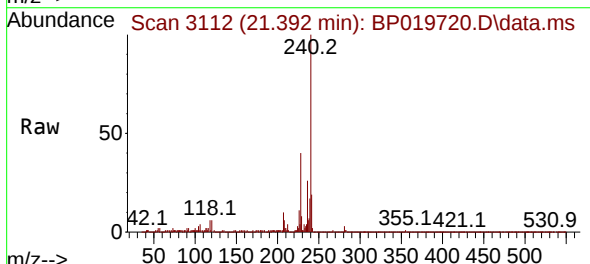
Manual Integrations
APPROVED

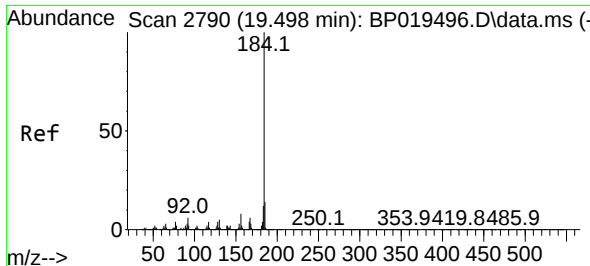
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

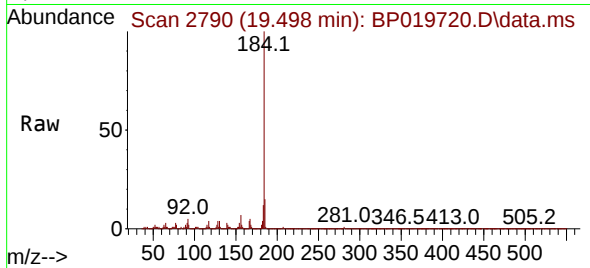
Tgt Ion:240 Resp: 392094
Ion Ratio Lower Upper
240 100
120 6.0 6.1 9.1#
236 26.1 20.7 31.1





#77
Benzidine
Concen: 67.319 ng
RT: 19.498 min Scan# 2790
Delta R.T. 0.000 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

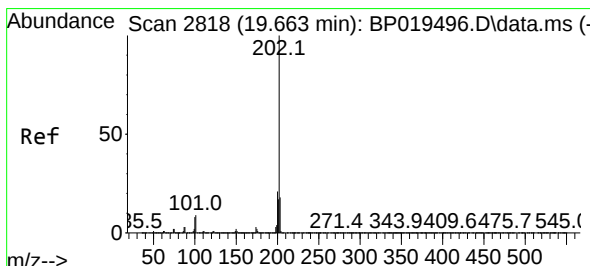
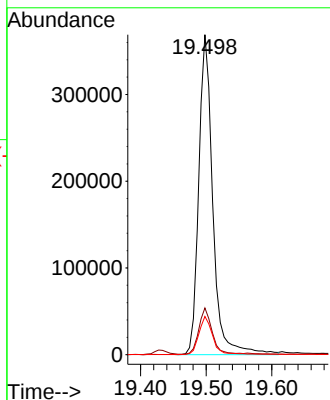
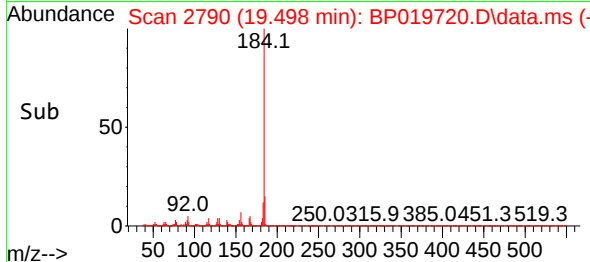
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



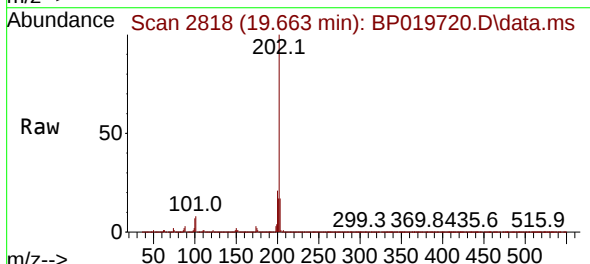
Tgt Ion:184 Resp: 551840
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 12.0 9.7 14.5

Manual Integrations
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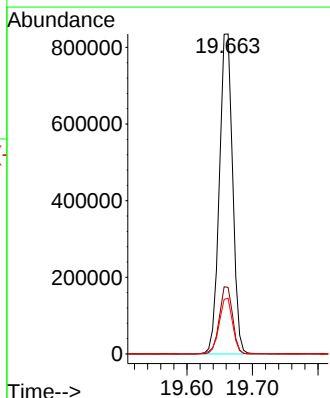
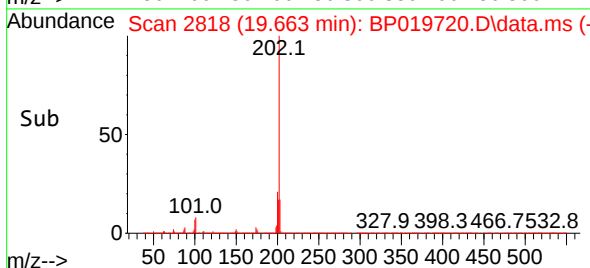
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#78
Pyrene
Concen: 42.092 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31



Tgt Ion:202 Resp: 1164794
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.4 14.2 21.2





#79
 Terphenyl-d14
 Concen: 74.303 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019720.D
 Acq: 15 Feb 2024 13:31

Instrument :

BNA_P

ClientSampleId :

SB-6(15-16)MSD

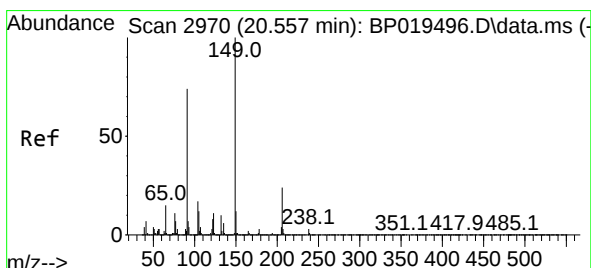
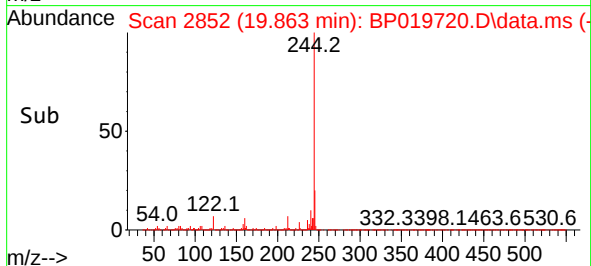
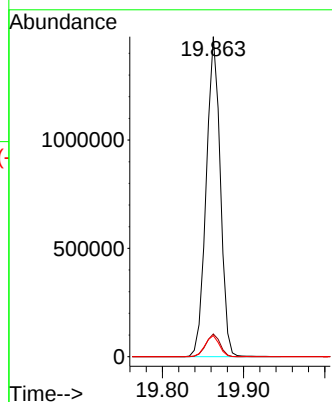
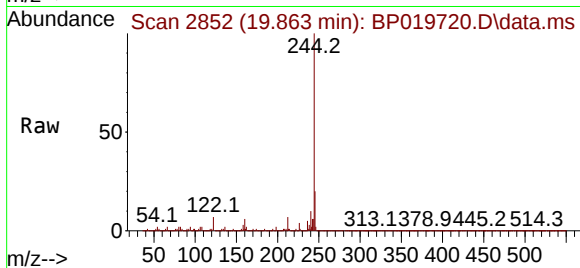
Tgt Ion:244 Resp: 1771544
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.6 5.9 8.9

Manual Integrations

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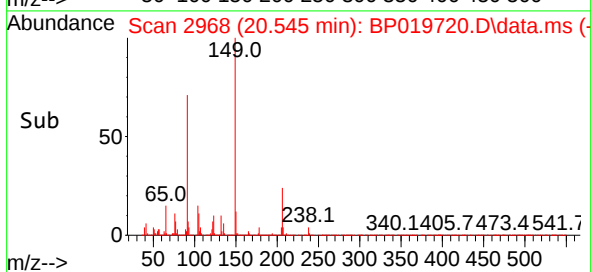
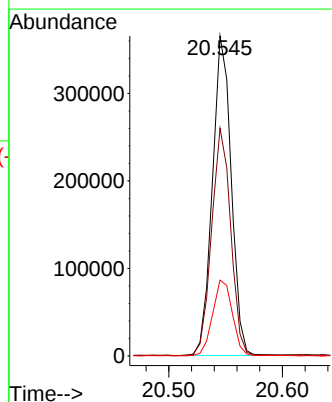
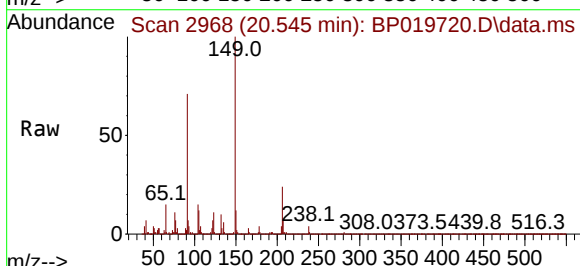
Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#80
 Butylbenzylphthalate
 Concen: 40.778 ng
 RT: 20.545 min Scan# 2968
 Delta R.T. -0.012 min
 Lab File: BP019720.D
 Acq: 15 Feb 2024 13:31

Tgt Ion:149 Resp: 421402
 Ion Ratio Lower Upper
 149 100
 91 71.1 59.4 89.0
 206 23.7 19.0 28.6





#81
Benzo(a)anthracene
Concen: 44.501 ng
RT: 21.374 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :

BNA_P

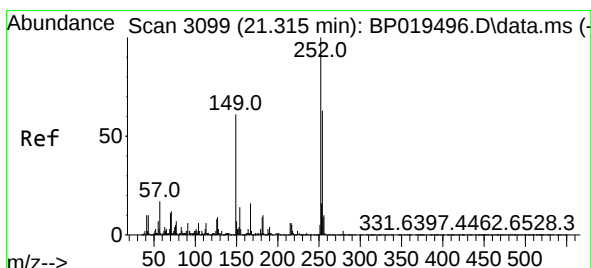
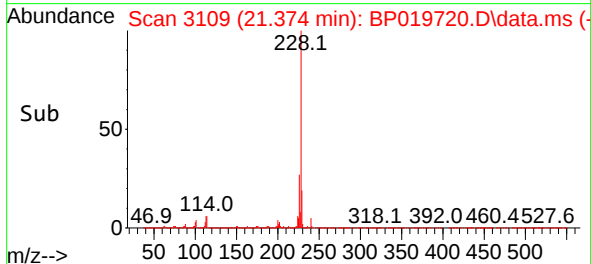
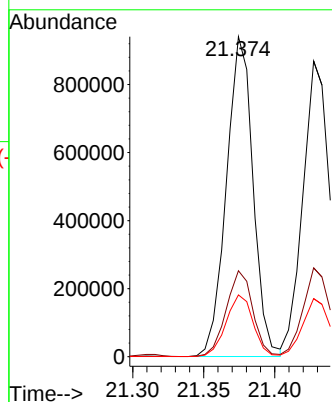
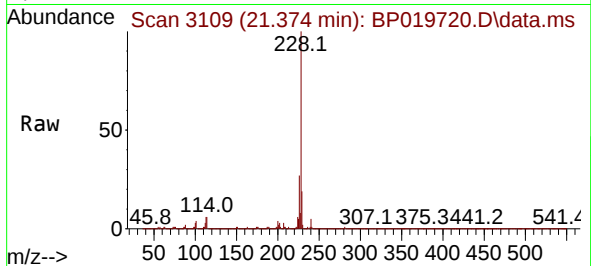
ClientSampleId :

SB-6(15-16)MSD

Tgt Ion:228 Resp: 122825
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.3 15.6 23.4

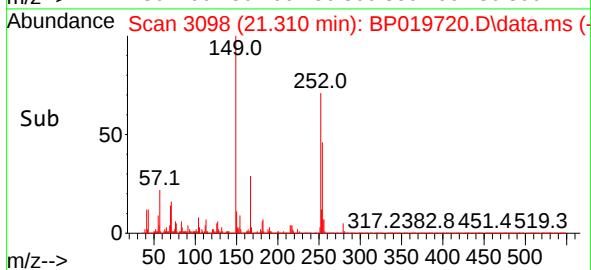
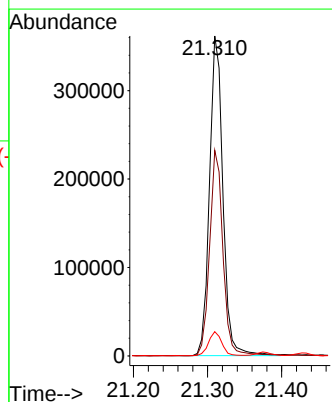
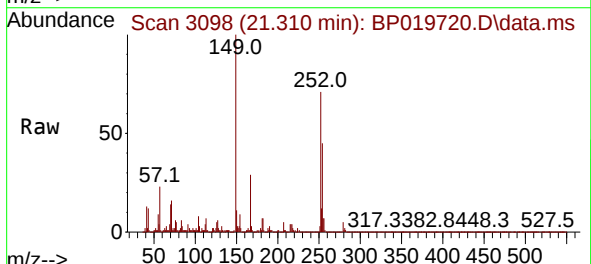
Manual Integrations
APPROVED

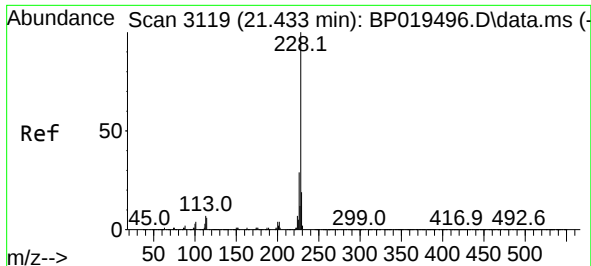
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#82
3,3'-Dichlorobenzidine
Concen: 45.201 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Tgt Ion:252 Resp: 454616
Ion Ratio Lower Upper
252 100
254 64.2 50.7 76.1
126 7.6 6.4 9.6





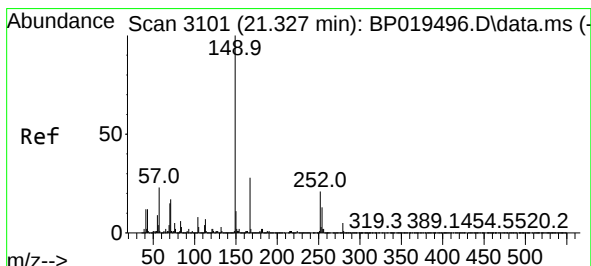
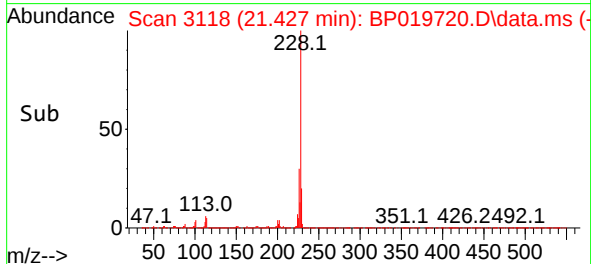
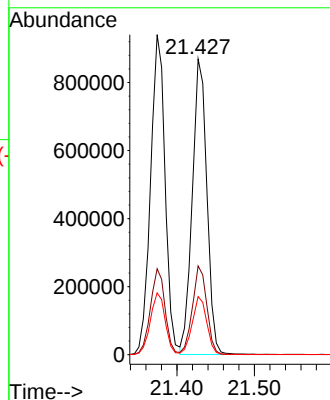
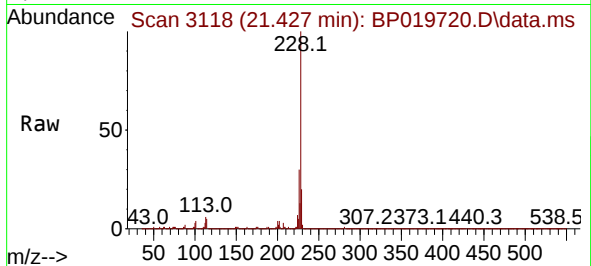
#83
Chrysene
Concen: 43.314 ng
RT: 21.427 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion:228 Resp: 1135008
Ion Ratio Lower Upper
228 100
226 30.1 23.4 35.2
229 19.6 15.6 23.4

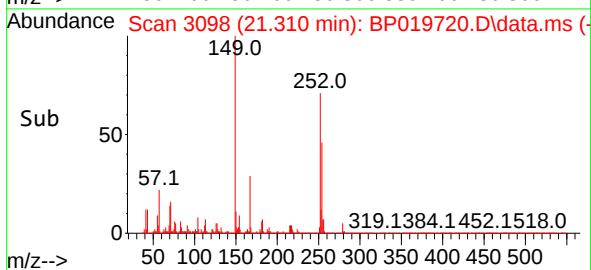
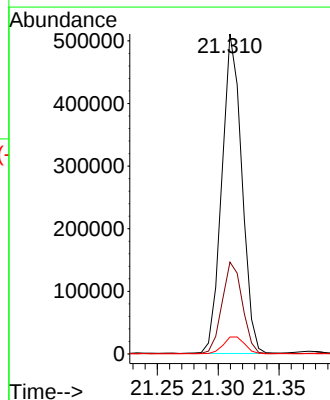
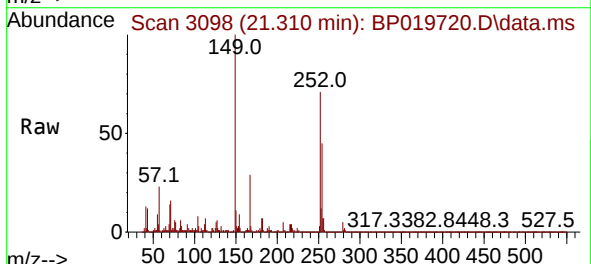
Manual Integrations
APPROVED

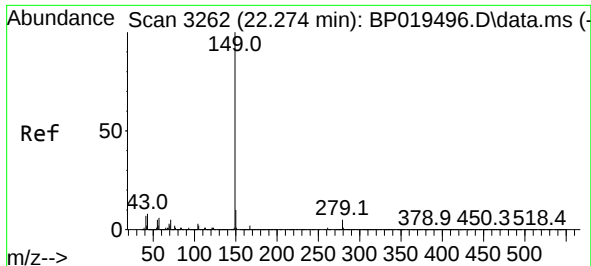
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.092 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.017 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Tgt Ion:149 Resp: 583691
Ion Ratio Lower Upper
149 100
167 28.7 22.7 34.1
279 5.3 4.2 6.2





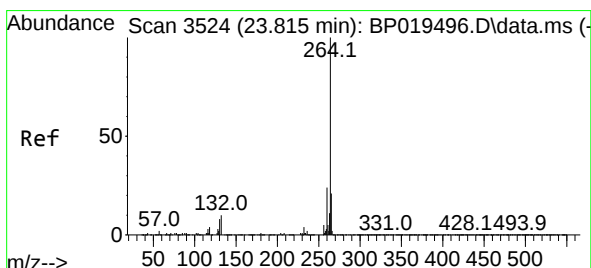
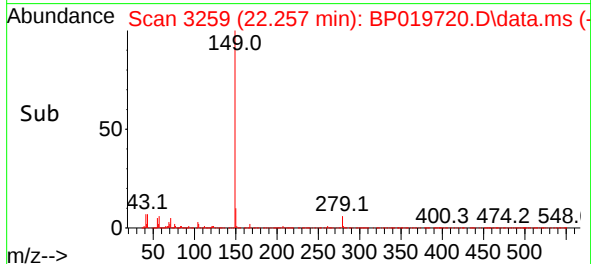
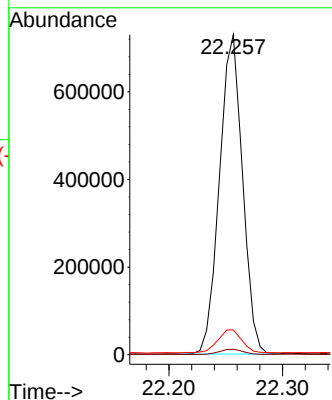
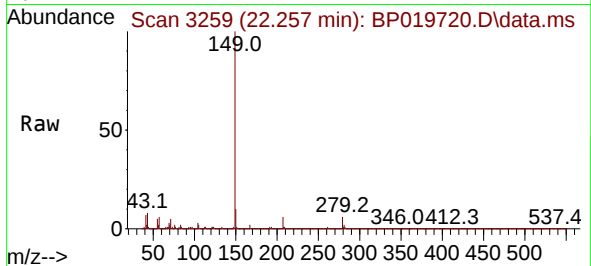
#85
Di-n-octyl phthalate
Concen: 37.125 ng
RT: 22.257 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Tgt Ion:149 Resp: 102788
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.6 6.3 9.5

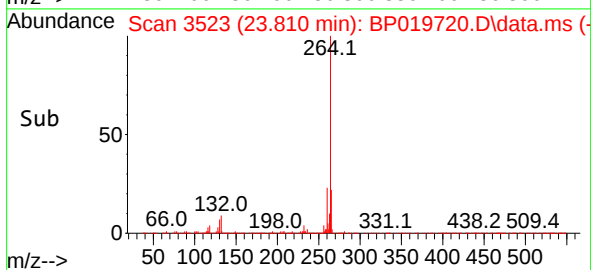
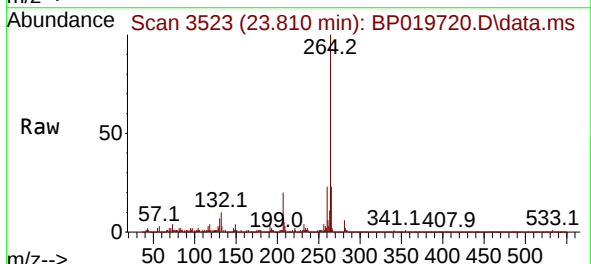
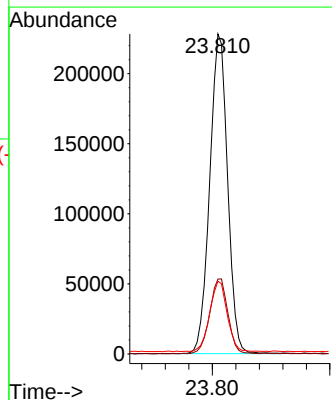
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.810 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

Tgt Ion:264 Resp: 480727
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.454 ng

RT: 26.351 min Scan# 3954

Delta R.T. 0.006 min

Lab File: BP019720.D

Acq: 15 Feb 2024 13:31

Instrument :

BNA_P

ClientSampleId :

SB-6(15-16)MSD

Tgt Ion:276 Resp: 1635824

Ion Ratio Lower Upper

276 100

138 13.9 13.1 19.7

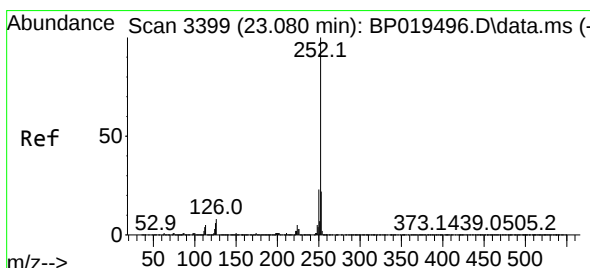
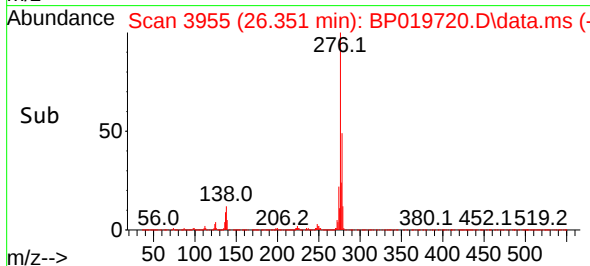
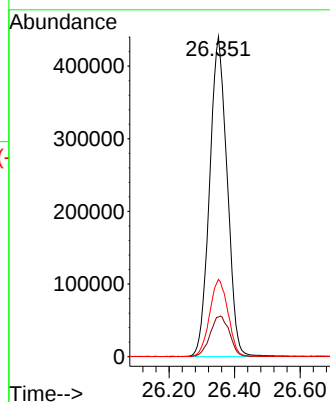
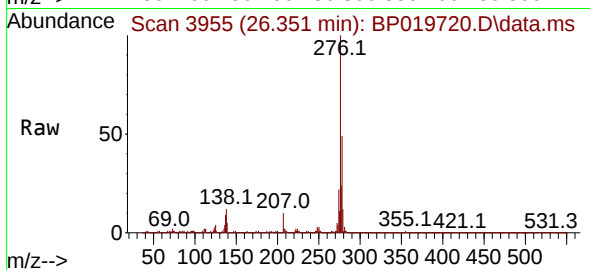
277 25.2 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#88

Benzo(b)fluoranthene

Concen: 43.102 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019720.D

Acq: 15 Feb 2024 13:31

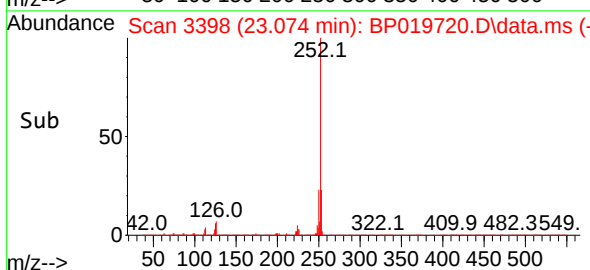
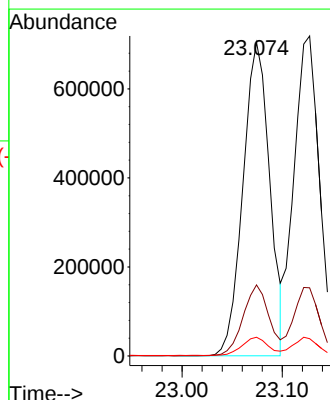
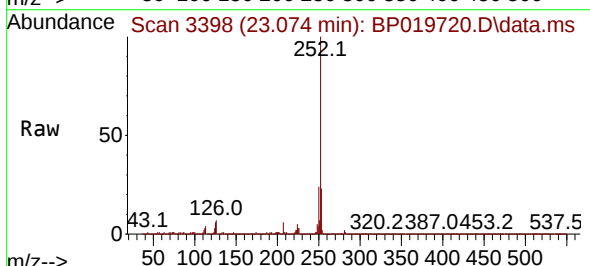
Tgt Ion:252 Resp: 1305911

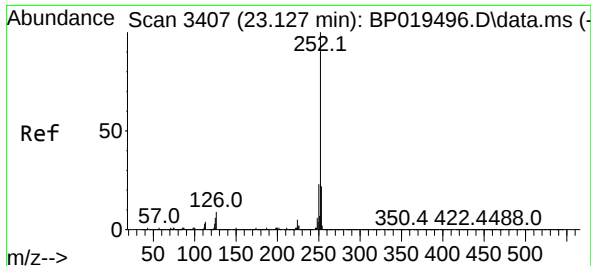
Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

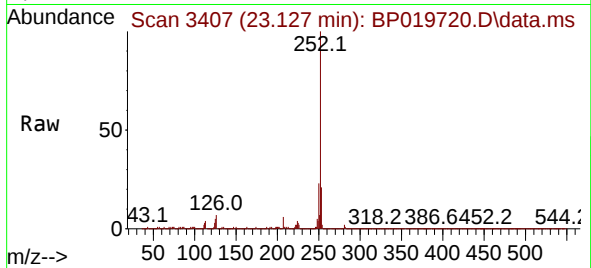
125 6.0 4.9 7.3





#89
Benzo(k)fluoranthene
Concen: 43.816 ng
RT: 23.127 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31

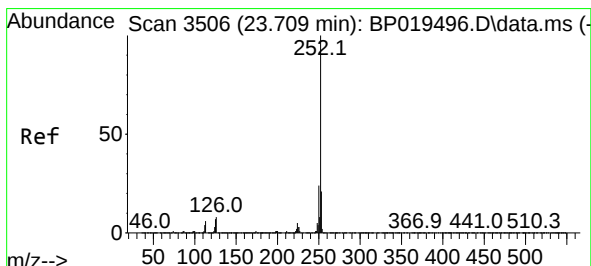
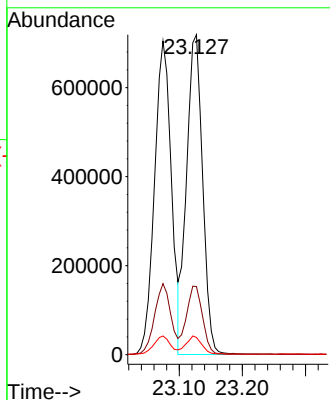
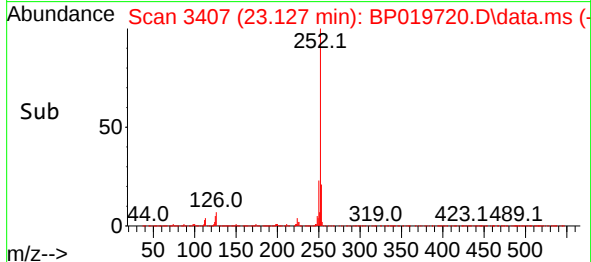
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD



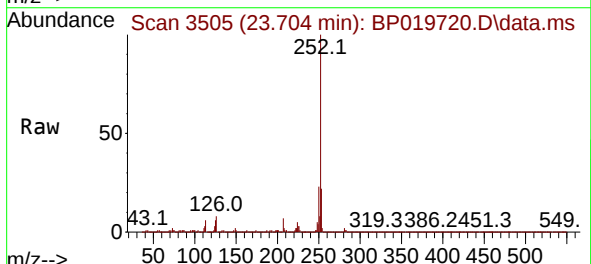
Tgt Ion:252 Resp: 126809
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 5.4 5.0 7.6

Manual Integrations
APPROVED

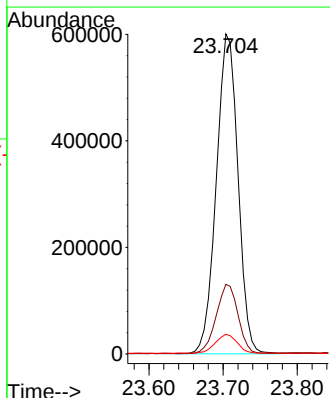
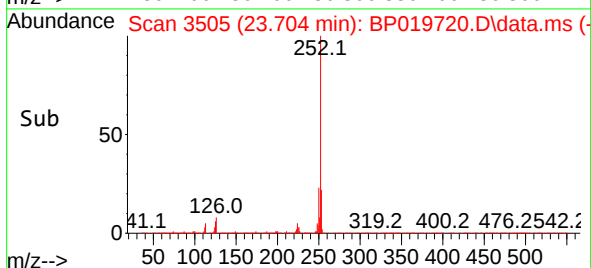
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

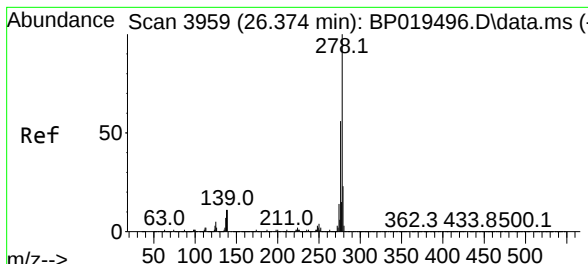


#90
Benzo(a)pyrene
Concen: 45.246 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019720.D
Acq: 15 Feb 2024 13:31



Tgt Ion:252 Resp: 1219741
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 6.2 5.6 8.4





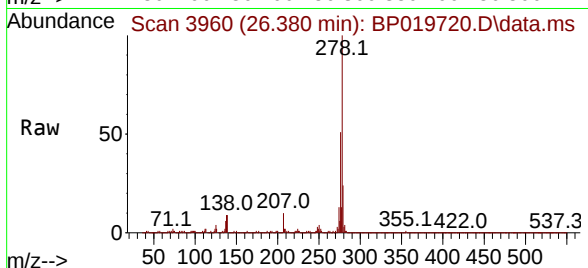
#91
 Dibenzo(a,h)anthracene
 Concen: 44.722 ng
 RT: 26.380 min Scan# 3959
 Delta R.T. 0.006 min
 Lab File: BP019720.D
 Acq: 15 Feb 2024 13:31

Instrument :

BNA_P

ClientSampleId :

SB-6(15-16)MSD



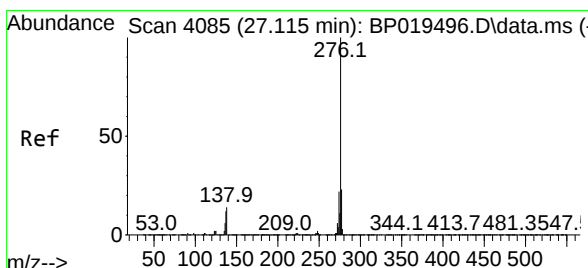
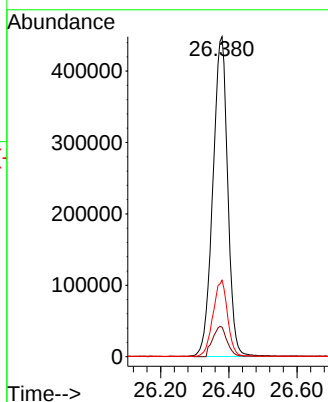
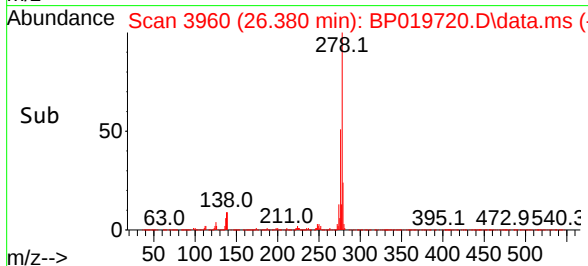
Tgt Ion:278 Resp: 1353490
 Ion Ratio Lower Upper
 278 100
 139 9.2 8.6 12.8
 279 23.9 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#92
 Benzo(g,h,i)perylene
 Concen: 41.742 ng
 RT: 27.133 min Scan# 4088
 Delta R.T. 0.018 min
 Lab File: BP019720.D
 Acq: 15 Feb 2024 13:31

Tgt Ion:276 Resp: 1281638
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.6 28.0
 138 12.1 10.9 16.3

