

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
 Data File : BP019846.D
 Acq On : 23 Feb 2024 16:40
 Operator : MA/JU
 Sample : P1537-11MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 23 17:06:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	107714	20.000	ng	0.00
21) Naphthalene-d8	10.705	136	397920	20.000	ng	# 0.00
39) Acenaphthene-d10	14.545	164	243334	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	493615	20.000	ng	0.00
76) Chrysene-d12	21.416	240	407086	20.000	ng	-0.01
86) Perylene-d12	23.851	264	486490	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	396652	59.358	ng	0.00
7) Phenol-d6	7.081	99	729323	80.944	ng	0.00
23) Nitrobenzene-d5	9.075	82	531576	57.886	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	347148	97.710	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1101534	55.962	ng	0.00
79) Terphenyl-d14	19.881	244	1443436	58.312	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	59453	23.092	ng	98
3) Pyridine	3.781	79	159100	22.794	ng	99
4) n-Nitrosodimethylamine	3.705	42	84859	27.924	ng	97
6) Aniline	7.240	93	202802	23.164	ng	98
8) 2-Chlorophenol	7.469	128	292129	42.581	ng	99
9) Benzaldehyde	7.058	77	52234m	8.269	ng	
10) Phenol	7.111	94	371261	41.342	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	289706	41.466	ng	96
12) 1,3-Dichlorobenzene	7.793	146	332479	39.606	ng	99
13) 1,4-Dichlorobenzene	7.940	146	340184	39.998	ng	99
14) 1,2-Dichlorobenzene	8.252	146	326650	39.695	ng	98
15) Benzyl Alcohol	8.158	79	304233	42.259	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.428	45	324774	46.486	ng	98
17) 2-Methylphenol	8.358	107	256611	42.444	ng	99
18) Hexachloroethane	8.969	117	128670	39.031	ng	94
19) n-Nitroso-di-n-propyla...	8.722	70	250970	40.779	ng	97
20) 3+4-Methylphenols	8.687	107	340296	41.242	ng	96
22) Acetophenone	8.740	105	469794	41.442	ng	# 98
24) Nitrobenzene	9.122	77	372309	40.267	ng	98
25) Isophorone	9.646	82	679597	42.493	ng	98
26) 2-Nitrophenol	9.828	139	156755	44.464	ng	96
27) 2,4-Dimethylphenol	9.893	122	227089	50.375	ng	97
28) bis(2-Chloroethoxy)met...	10.134	93	399730	44.175	ng	99
29) 2,4-Dichlorophenol	10.357	162	300038	44.029	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	341634	40.888	ng	99
31) Naphthalene	10.757	128	895314	41.024	ng	99
32) Benzoic acid	10.057	122	213797	48.677	ng	99
33) 4-Chloroaniline	10.881	127	101935	12.630	ng	98
34) Hexachlorobutadiene	11.022	225	249277	40.260	ng	99
35) Caprolactam	11.693	113	89129	46.201	ng	92
36) 4-Chloro-3-methylphenol	12.010	107	326576	43.951	ng	98
37) 2-Methylnaphthalene	12.369	142	620080	41.056	ng	98
38) 1-Methylnaphthalene	12.587	142	588011	39.617	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	412795	43.987	ng	99
41) Hexachlorocyclopentadiene	12.699	237	289403	68.264	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	262446	46.185	ng	99

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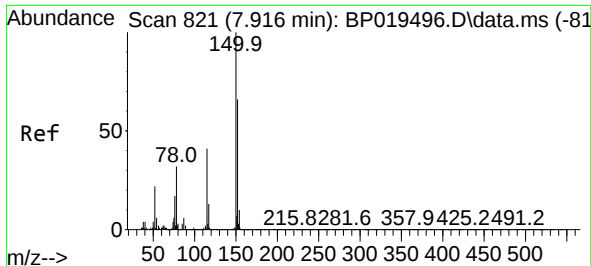
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	275249	44.111	ng	97
46) 1,1'-Biphenyl	13.381	154	820925	42.269	ng	100
47) 2-Chloronaphthalene	13.422	162	651688	40.877	ng	99
48) 2-Nitroaniline	13.640	65	208535	46.779	ng	98
49) Acenaphthylene	14.269	152	1021722	45.680	ng	100
50) Dimethylphthalate	14.016	163	819796	44.009	ng	99
51) 2,6-Dinitrotoluene	14.146	165	174540	42.647	ng	96
52) Acenaphthene	14.610	154	566939	40.840	ng	99
53) 3-Nitroaniline	14.469	138	112462	29.901	ng	89
54) 2,4-Dinitrophenol	14.687	184	104138	49.007	ng	98
55) Dibenzofuran	14.951	168	944160	41.759	ng	99
56) 4-Nitrophenol	14.793	139	267107	86.644	ng	98
57) 2,4-Dinitrotoluene	14.934	165	235183	43.851	ng	93
58) Fluorene	15.598	166	737550	40.956	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.175	232	244089	46.506	ng	98
60) Diethylphthalate	15.381	149	779482	42.070	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	416883	41.188	ng	96
62) 4-Nitroaniline	15.640	138	149799	37.997	ng	98
63) Azobenzene	15.892	77	744817	41.570	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	72362	25.709	ng	98
66) n-Nitrosodiphenylamine	15.816	169	635135	42.963	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	271193	43.948	ng	97
68) Hexachlorobenzene	16.598	284	310774	43.127	ng	98
69) Atrazine	16.781	200	255783	52.141	ng	98
70) Pentachlorophenol	16.957	266	410658	91.511	ng	99
71) Phenanthrene	17.351	178	1196093	46.044	ng	100
72) Anthracene	17.445	178	1172860	45.260	ng	99
73) Carbazole	17.722	167	1008271	42.830	ng	99
74) Di-n-butylphthalate	18.275	149	1267035	44.513	ng	99
75) Fluoranthene	19.328	202	1312608	41.363	ng	99
77) Benzidine	19.516	184	658479	77.370	ng	99
78) Pyrene	19.681	202	1330159	46.298	ng	100
80) Butylbenzylphthalate	20.569	149	475340	44.303	ng	97
81) Benzo(a)anthracene	21.404	228	1335278	46.597	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	454127	43.490	ng	96
83) Chrysene	21.457	228	1232861	45.316	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	709148	43.405	ng	98
85) Di-n-octyl phthalate	22.280	149	1259894	43.829	ng	99
87) Indeno(1,2,3-cd)pyrene	26.415	276	1661650	44.621	ng	97
88) Benzo(b)fluoranthene	23.110	252	1384714	45.162	ng	99
89) Benzo(k)fluoranthene	23.157	252	1310537	44.746	ng	98
90) Benzo(a)pyrene	23.751	252	1255243	46.011	ng	99
91) Dibenzo(a,h)anthracene	26.439	278	1337664	43.675	ng	97
92) Benzo(g,h,i)perylene	27.198	276	1307296	42.073	ng	97

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



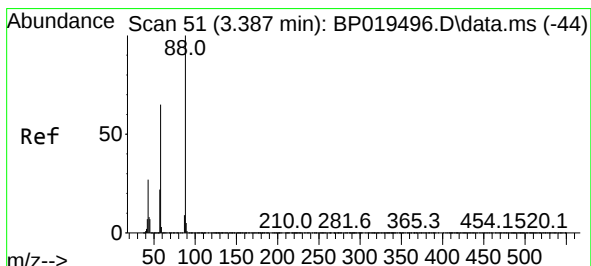
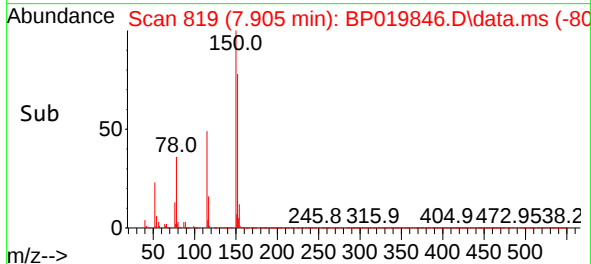
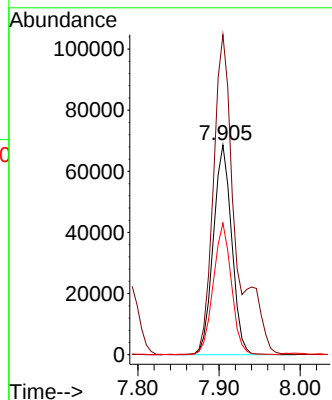
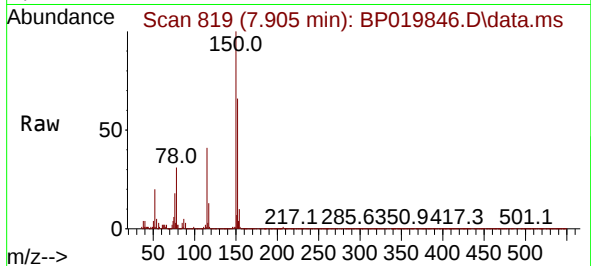
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Instrument :
BNA_P
ClientSampleId :
11MS

Tgt Ion:152 Resp: 107714
Ion Ratio Lower Upper
152 100
150 152.5 121.8 182.8
115 62.7 49.9 74.9

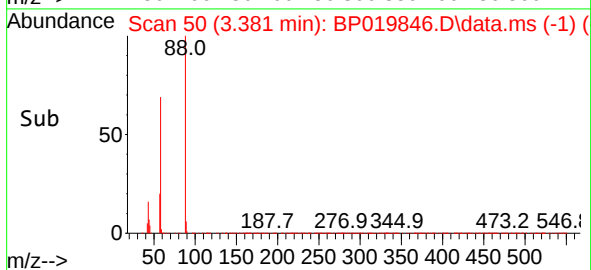
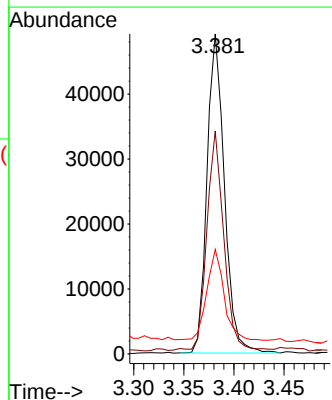
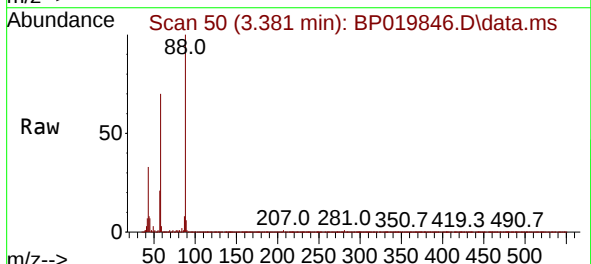
Manual Integrations
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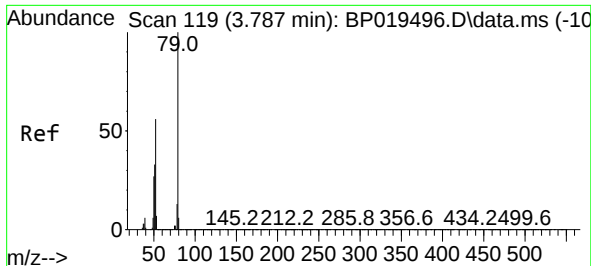
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#2
1,4-Dioxane
Concen: 23.092 ng
RT: 3.381 min Scan# 50
Delta R.T. 0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Tgt Ion: 88 Resp: 59453
Ion Ratio Lower Upper
88 100
58 67.2 52.6 78.8
43 28.2 21.9 32.9





#3

Pyridine

Concen: 22.794 ng

RT: 3.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Instrument :

BNA_P

ClientSampleId :

11MS

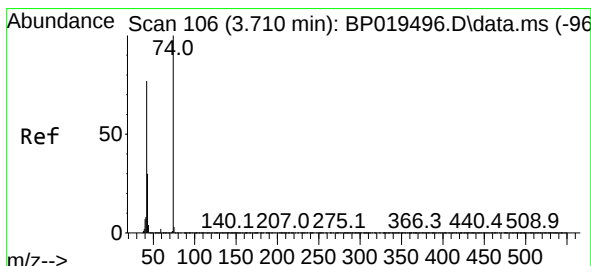
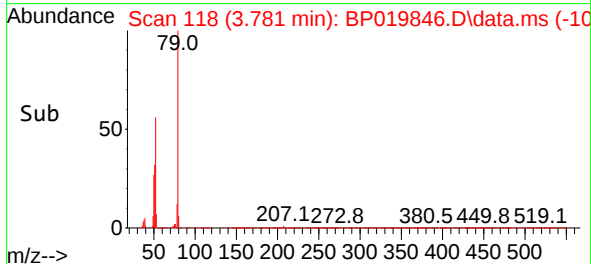
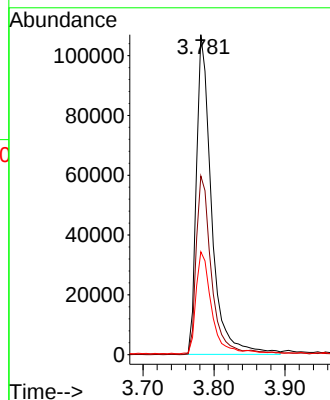
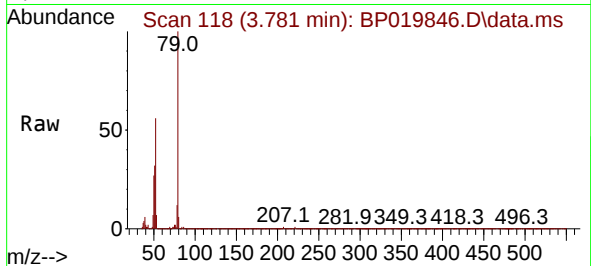
Tgt Ion:	79	Resp:	159100
Ion Ratio	Lower	Upper	
79	100		
52	55.9	45.0	67.6
51	32.2	26.8	40.2

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#4

n-Nitrosodimethylamine

Concen: 27.924 ng

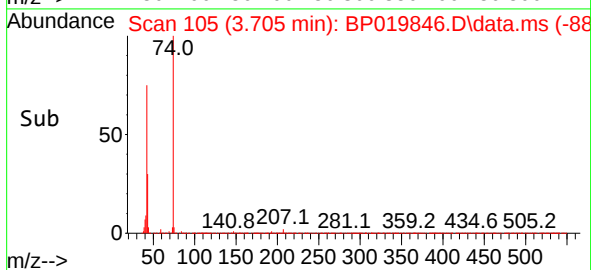
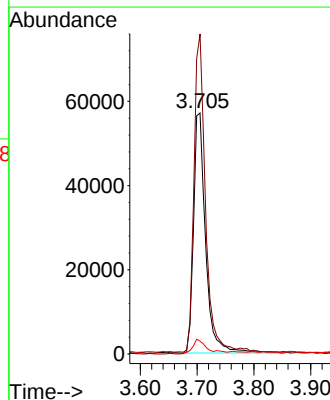
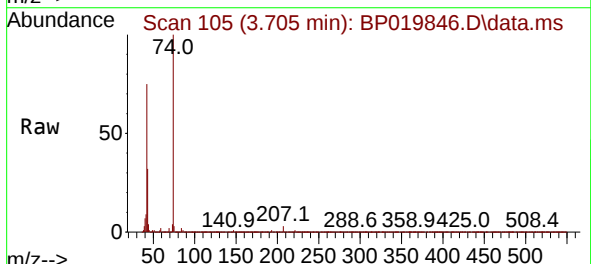
RT: 3.705 min Scan# 105

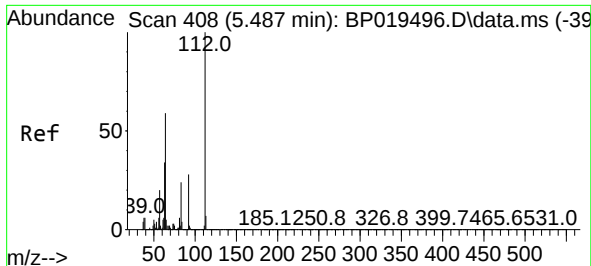
Delta R.T. -0.000 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Tgt Ion:	42	Resp:	84859
Ion Ratio	Lower	Upper	
42	100		
74	132.8	103.4	155.2
44	5.3	4.8	7.2





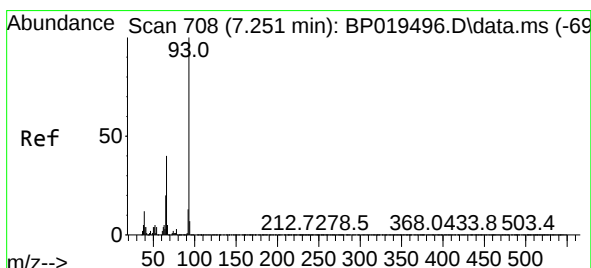
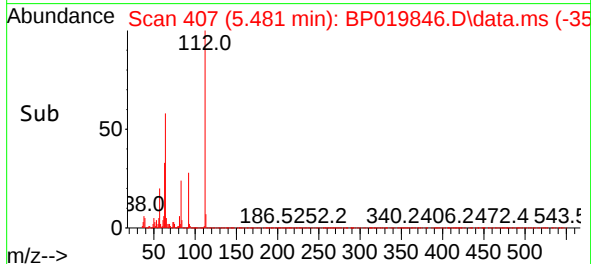
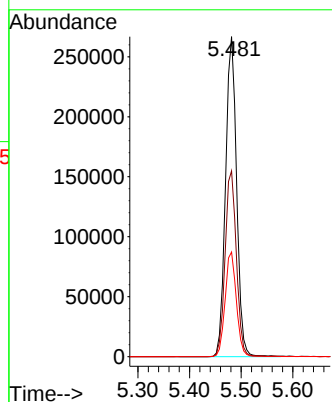
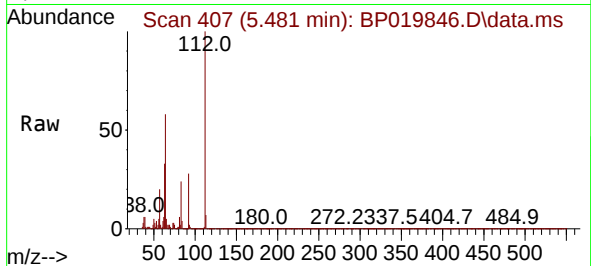
#5
2-Fluorophenol
Concen: 59.358 ng
RT: 5.481 min Scan# 408
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Instrument :
BNA_P
ClientSampleId :
11MS

Tgt Ion:112 Resp: 396652
Ion Ratio Lower Upper
112 100
64 58.0 47.4 71.0
63 32.7 27.0 40.6

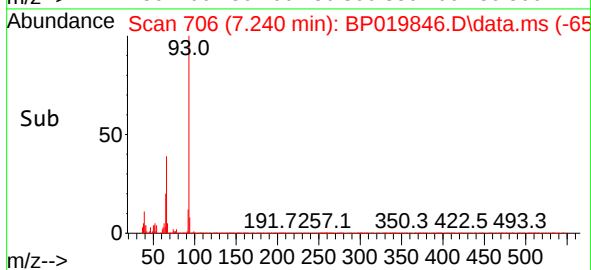
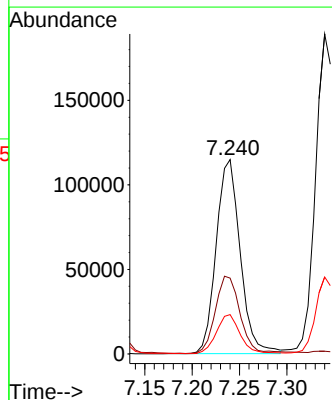
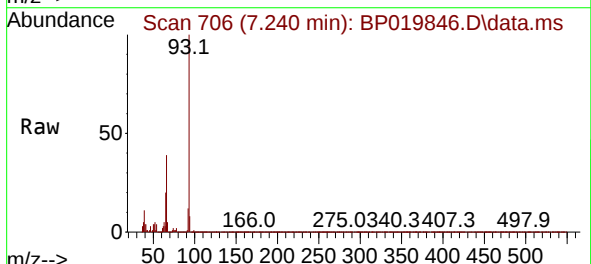
Manual Integrations
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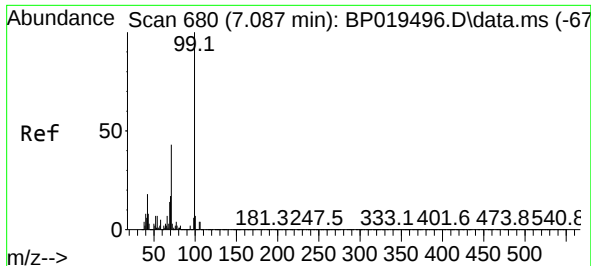
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#6
Aniline
Concen: 23.164 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

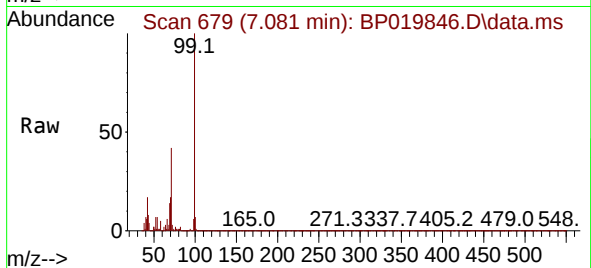
Tgt Ion: 93 Resp: 202802
Ion Ratio Lower Upper
93 100
66 39.1 32.3 48.5
65 20.2 16.4 24.6





#7
Phenol-d6
Concen: 80.944 ng
RT: 7.081 min Scan# 611
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

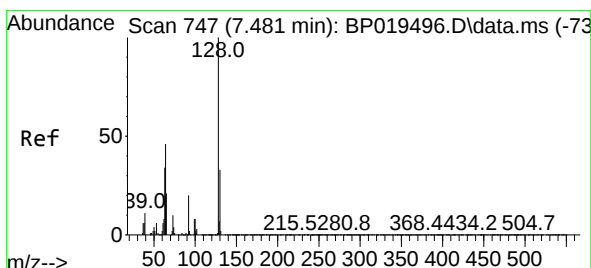
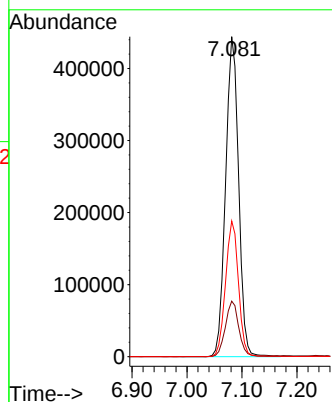
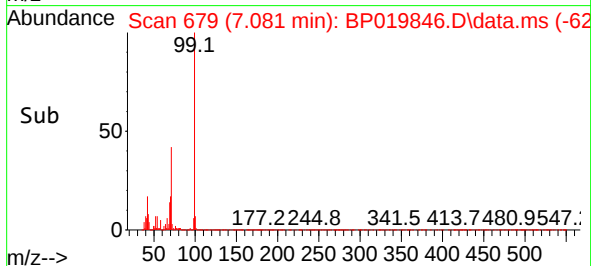
Instrument :
BNA_P
ClientSampleId :
11MS



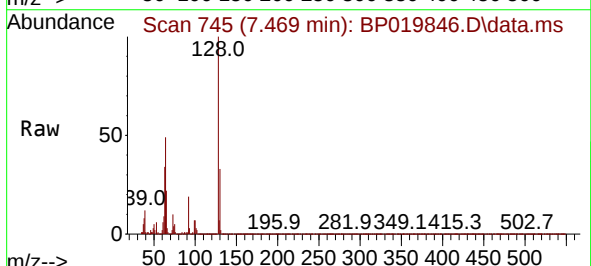
Tgt Ion: 99 Resp: 72932
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 42.4 34.8 52.2

Manual Integrations
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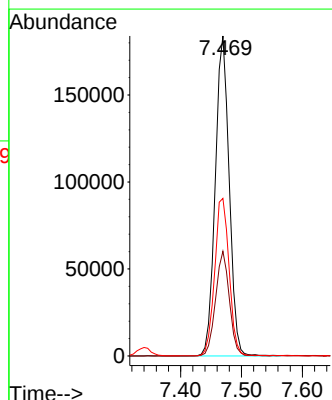
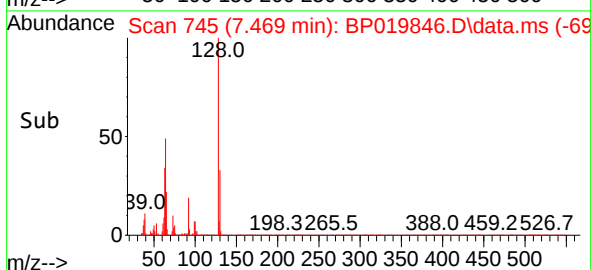
Reviewed By :Yogesh Patel 02/27/2024
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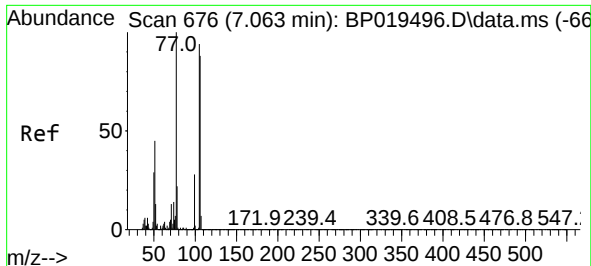


#8
2-Chlorophenol
Concen: 42.581 ng
RT: 7.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40



Tgt Ion:128 Resp: 292129
Ion Ratio Lower Upper
128 100
130 32.7 13.3 53.3
64 49.2 29.7 69.7





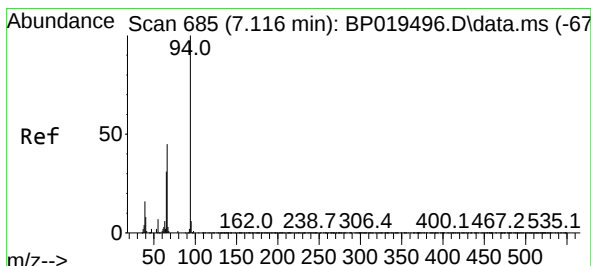
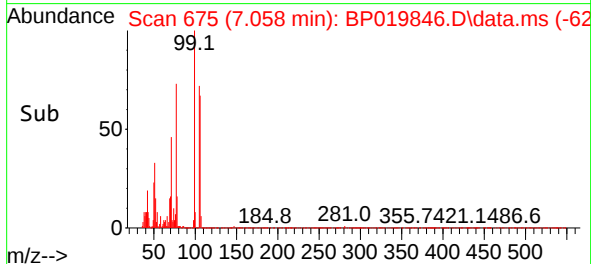
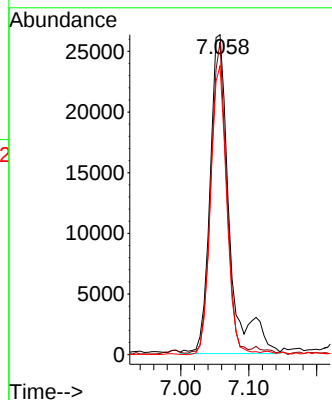
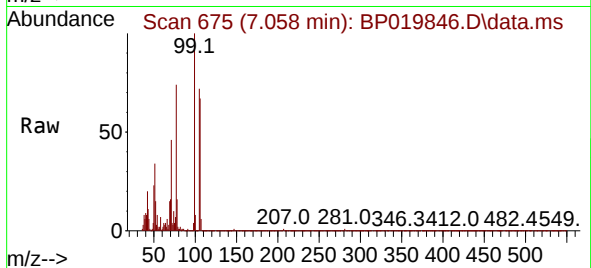
#9
Benzaldehyde
Concen: 8.269 ng m
RT: 7.058 min Scan# 611
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Instrument :
BNA_P
ClientSampleId :
11MS

Tgt Ion: 77 Resp: 52234
Ion Ratio Lower Upper
77 100
105 97.7 74.0 114.0
106 90.3 67.8 107.8

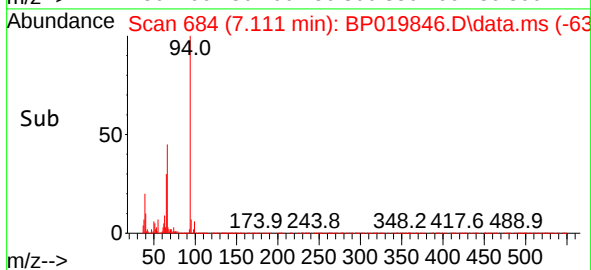
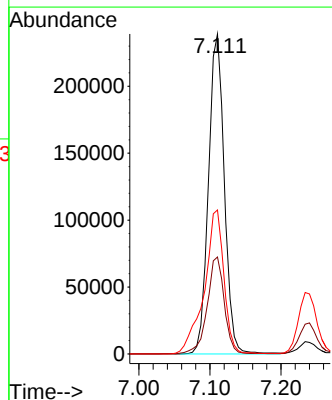
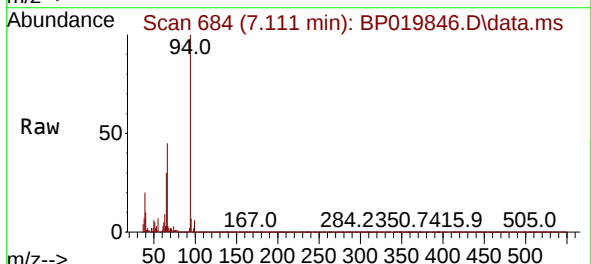
Manual Integrations
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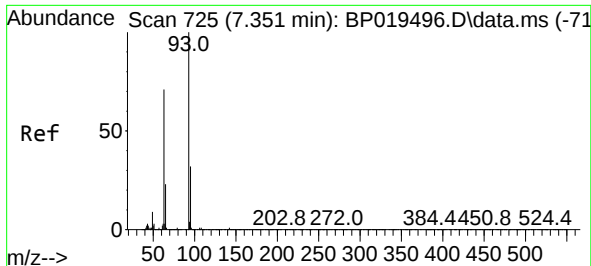
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#10
Phenol
Concen: 41.342 ng
RT: 7.111 min Scan# 684
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

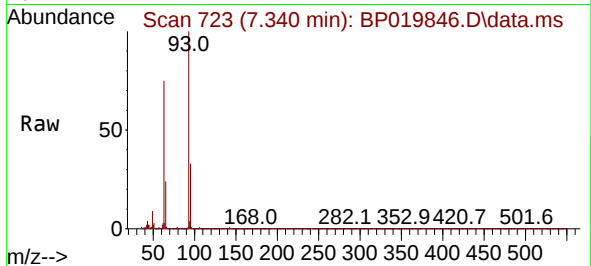
Tgt Ion: 94 Resp: 371261
Ion Ratio Lower Upper
94 100
65 30.3 11.3 51.3
66 45.0 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 41.466 ng
RT: 7.340 min Scan# 711
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

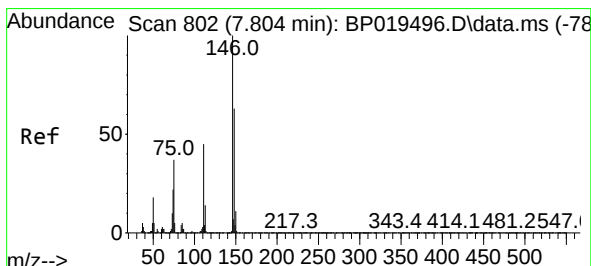
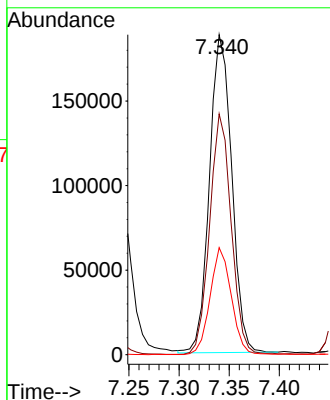
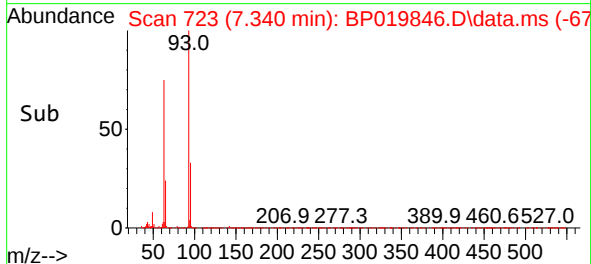
Instrument :
BNA_P
ClientSampleId :
11MS



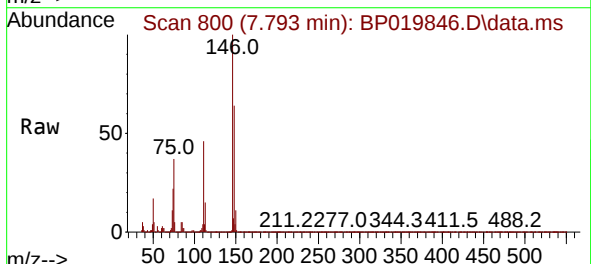
Tgt Ion: 93 Resp: 289700
Ion Ratio Lower Upper
93 100
63 75.2 51.2 91.2
95 33.5 11.8 51.8

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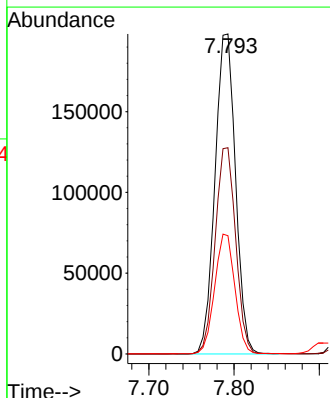
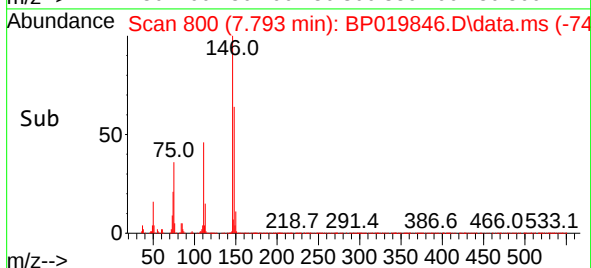
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#12
1,3-Dichlorobenzene
Concen: 39.606 ng
RT: 7.793 min Scan# 800
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40



Tgt Ion:146 Resp: 332479
Ion Ratio Lower Upper
146 100
148 64.5 50.4 75.6
75 37.0 29.9 44.9





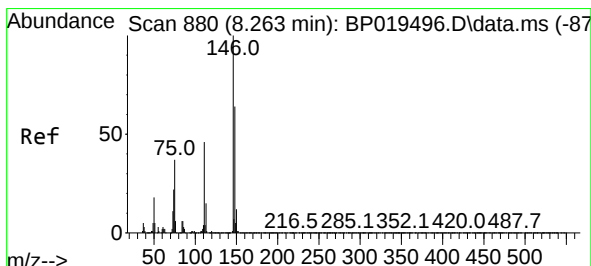
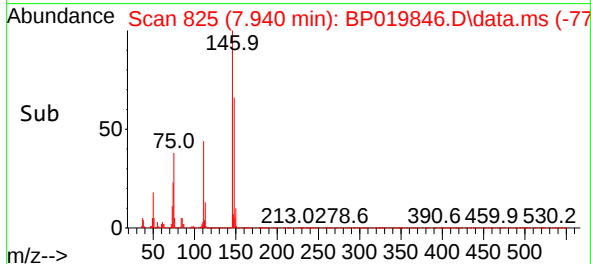
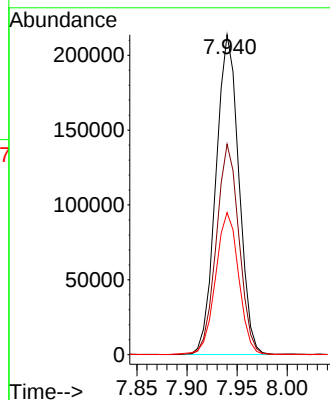
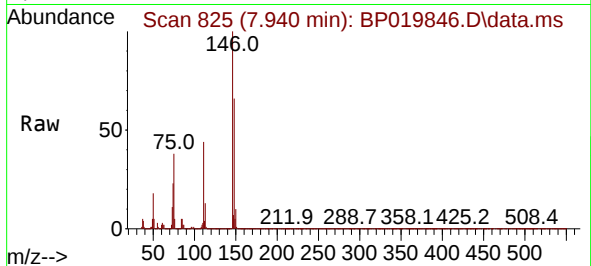
#13
1,4-Dichlorobenzene
Concen: 39.998 ng
RT: 7.940 min Scan# 811
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Instrument :
BNA_P
ClientSampleId :
11MS

Tgt Ion:146 Resp: 340184
Ion Ratio Lower Upper
146 100
148 65.8 51.9 77.9
111 44.4 35.8 53.6

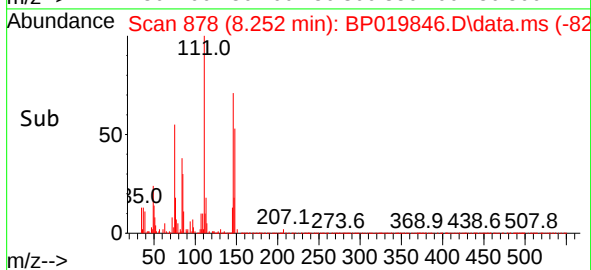
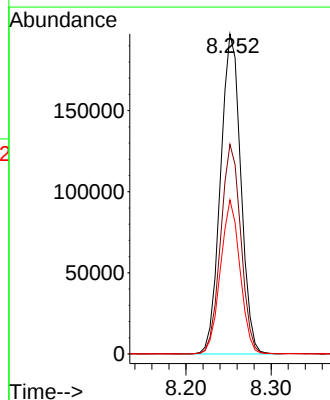
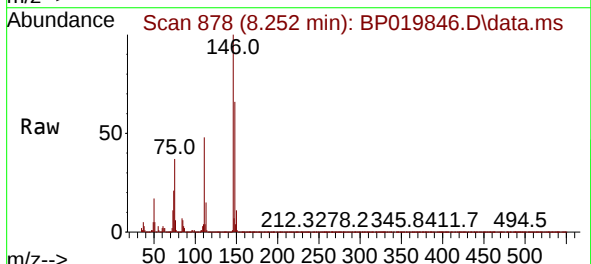
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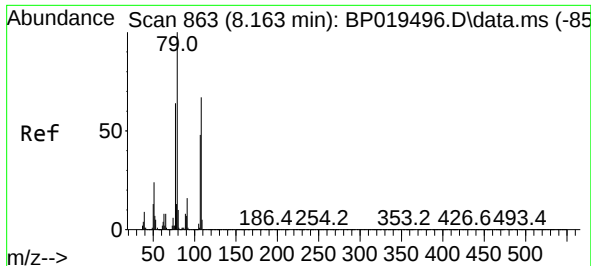
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#14
1,2-Dichlorobenzene
Concen: 39.695 ng
RT: 8.252 min Scan# 878
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Tgt Ion:146 Resp: 326650
Ion Ratio Lower Upper
146 100
148 65.5 51.4 77.0
111 48.2 37.0 55.6





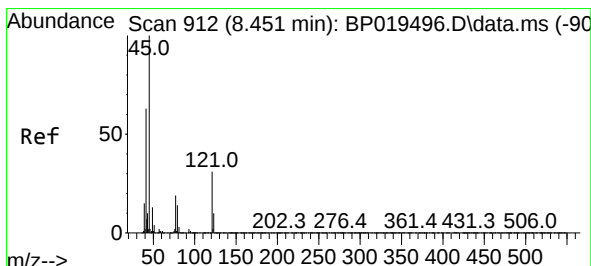
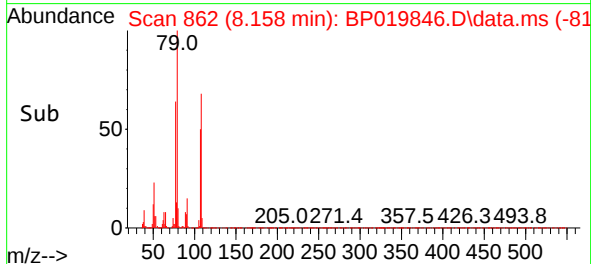
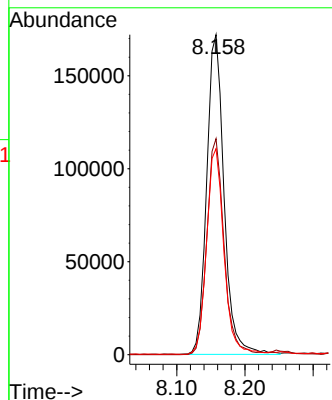
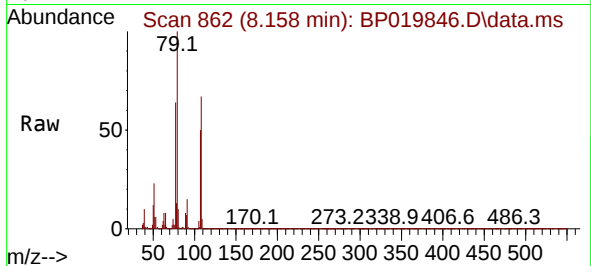
#15
Benzyl Alcohol
Concen: 42.259 ng
RT: 8.158 min Scan# 801
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Instrument :
BNA_P
ClientSampleId :
11MS

Tgt Ion: 79 Resp: 30423
Ion Ratio Lower Upper
79 100
108 67.5 53.8 80.6
77 64.4 51.3 76.9

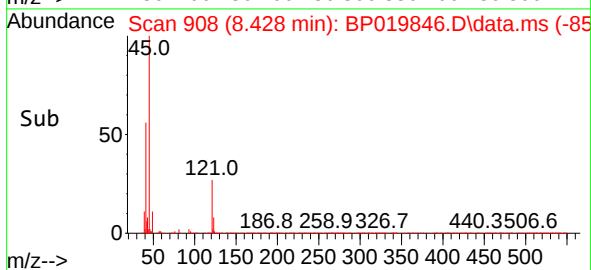
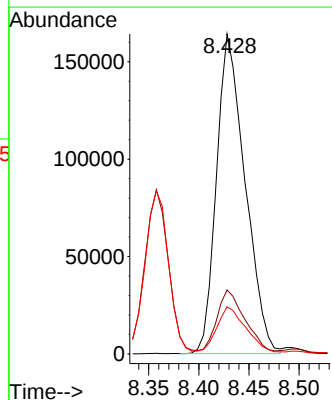
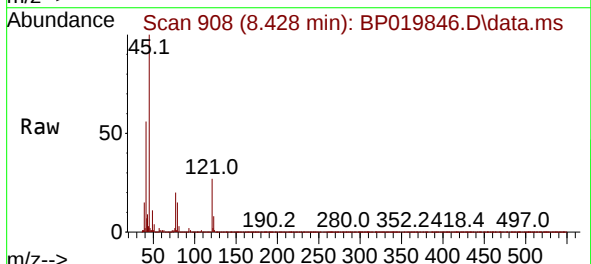
Manual Integrations
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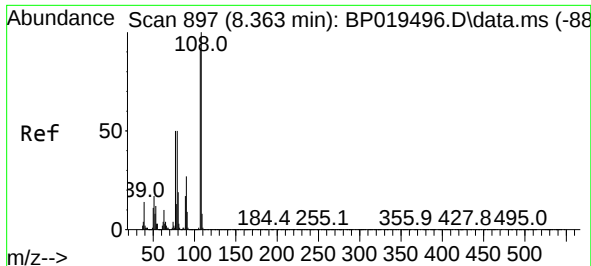
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.486 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Tgt Ion: 45 Resp: 324774
Ion Ratio Lower Upper
45 100
77 20.0 0.8 40.8
79 14.7 0.0 35.5





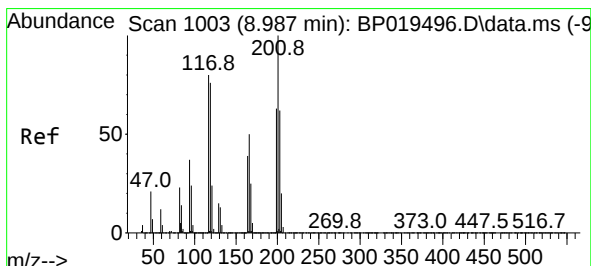
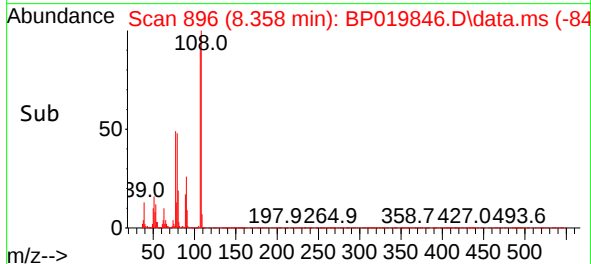
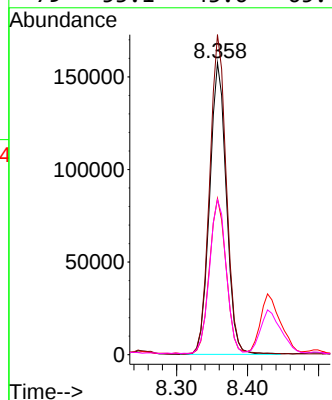
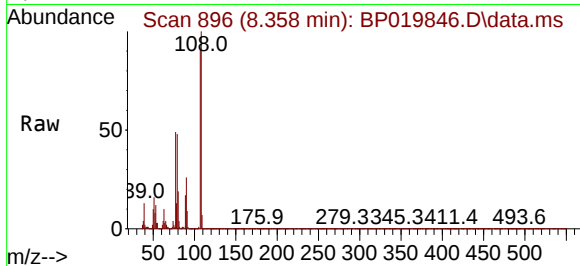
#17
2-Methylphenol
Concen: 42.444 ng
RT: 8.358 min Scan# 897
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Instrument :
BNA_P
ClientSampleId :
11MS

Tgt Ion:107 Resp: 25661
Ion Ratio Lower Upper
107 100
108 109.6 87.0 130.6
77 53.5 43.5 65.3
79 53.1 43.6 65.4

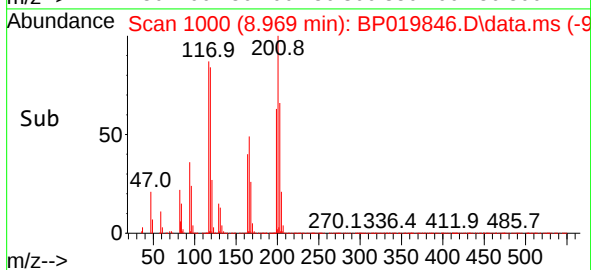
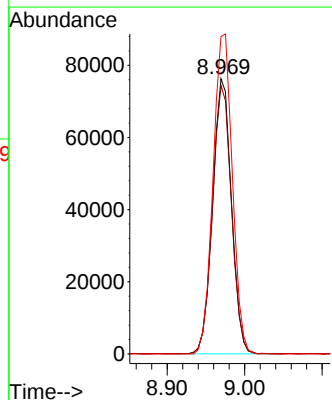
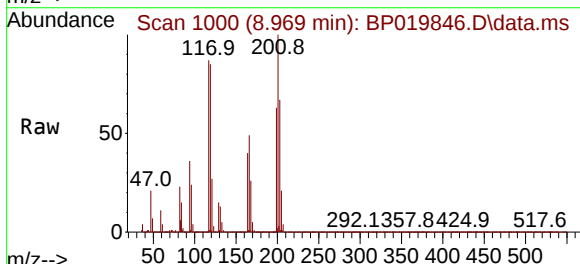
Manual Integrations
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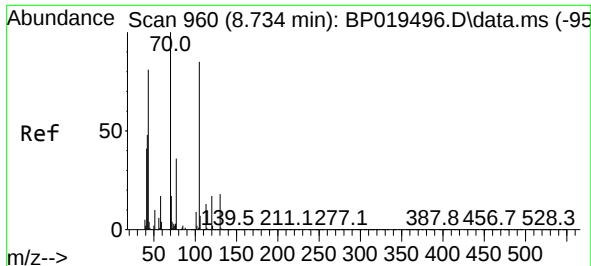
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#18
Hexachloroethane
Concen: 39.031 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Tgt Ion:117 Resp: 128670
Ion Ratio Lower Upper
117 100
119 97.6 75.5 113.3
201 115.4 99.4 149.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.779 ng

RT: 8.722 min Scan# 911

Delta R.T. 0.006 min

Lab File: BP019846.D

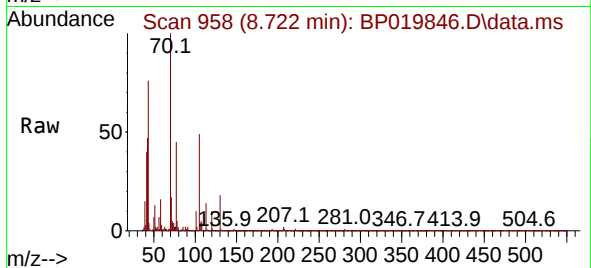
Acq: 23 Feb 2024 16:40

Instrument :

BNA_P

ClientSampleId :

11MS



Tgt Ion: 70 Resp: 250970

Ion Ratio Lower Upper

70 100

42 46.6 39.2 58.8

101 9.9 7.3 10.9

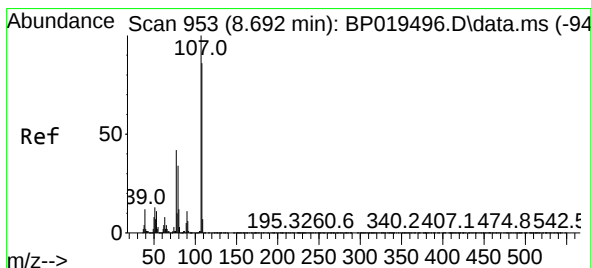
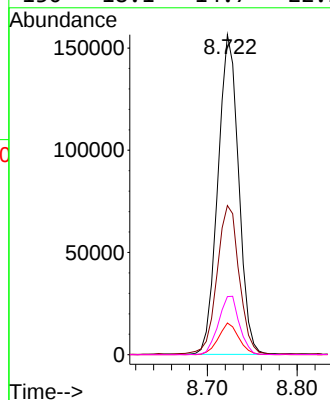
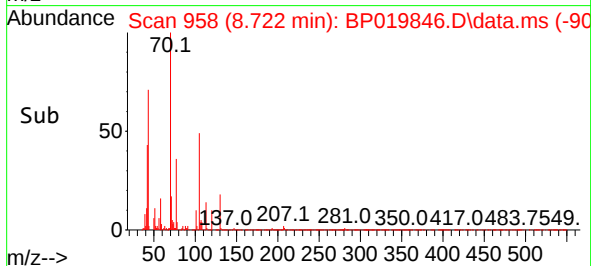
130 18.1 14.7 22.1

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#20

3+4-Methylphenols

Concen: 41.242 ng

RT: 8.687 min Scan# 952

Delta R.T. 0.006 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Tgt Ion:107 Resp: 340296

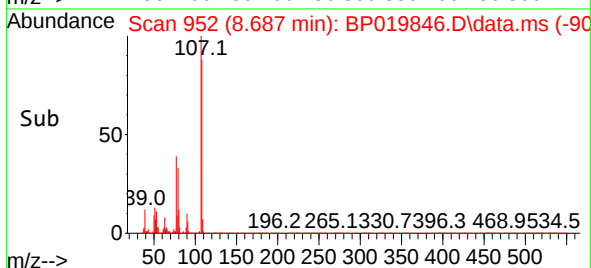
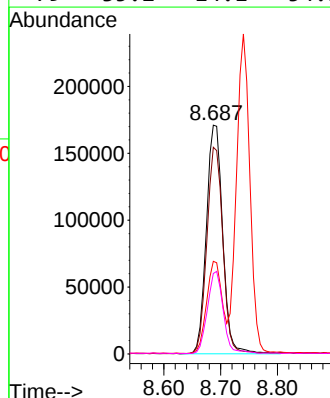
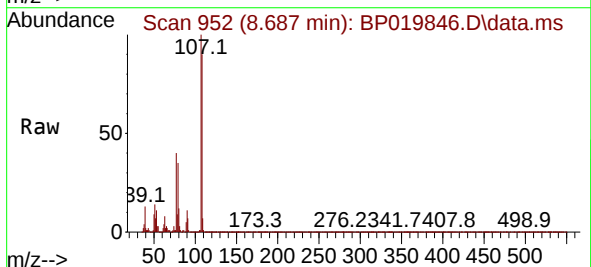
Ion Ratio Lower Upper

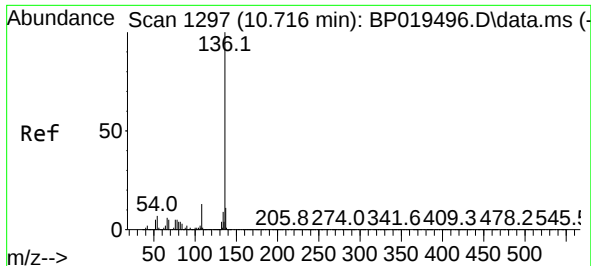
107 100

108 90.4 65.5 105.5

77 40.5 21.8 61.8

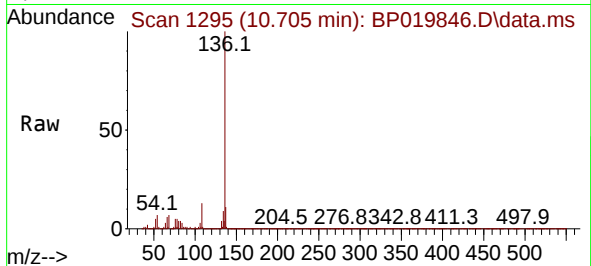
79 35.2 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

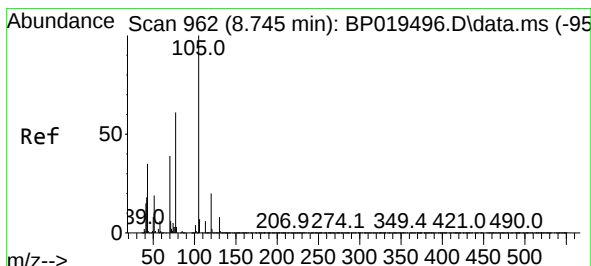
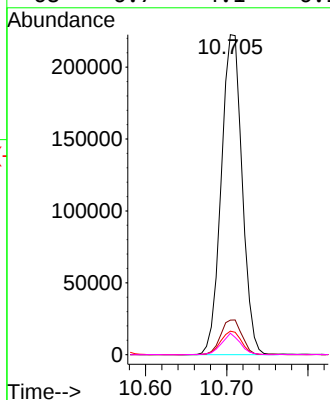
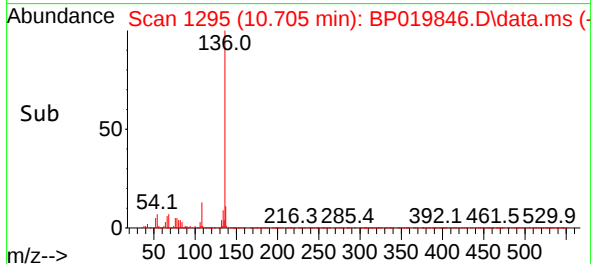
Instrument :
BNA_P
ClientSampleId :
11MS



Tgt Ion:136 Resp: 397920
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.3 5.3 7.9
68 6.7 4.1 6.1#

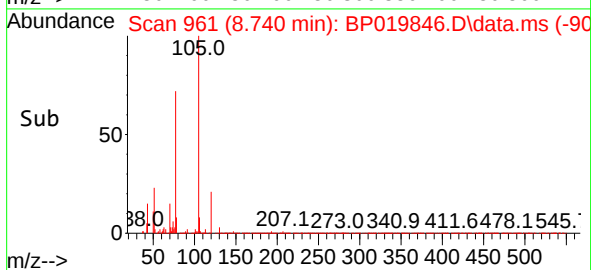
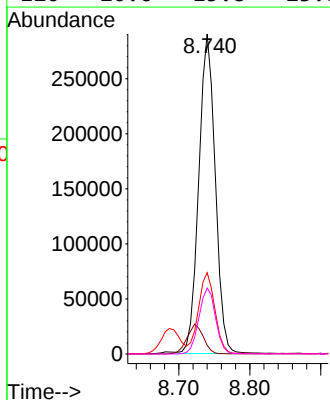
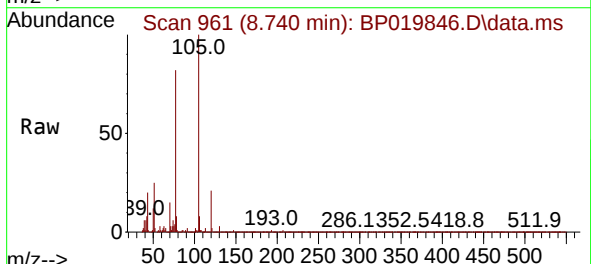
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#22
Acetophenone
Concen: 41.442 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

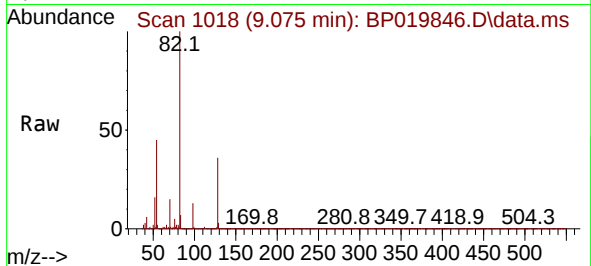
Tgt Ion:105 Resp: 469794
Ion Ratio Lower Upper
105 100
71 2.7 4.9 7.3#
51 25.4 20.7 31.1
120 20.6 15.8 23.8





#23
Nitrobenzene-d5
Concen: 57.886 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

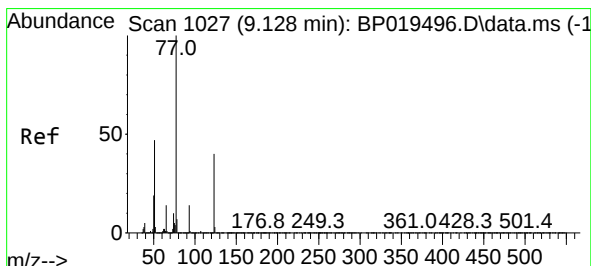
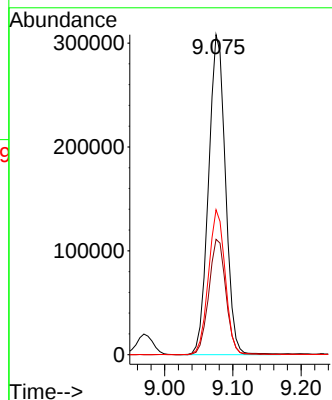
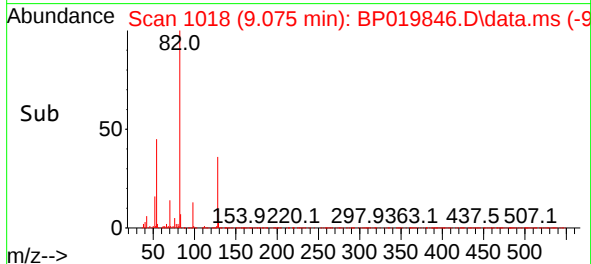
Instrument :
BNA_P
ClientSampleId :
11MS



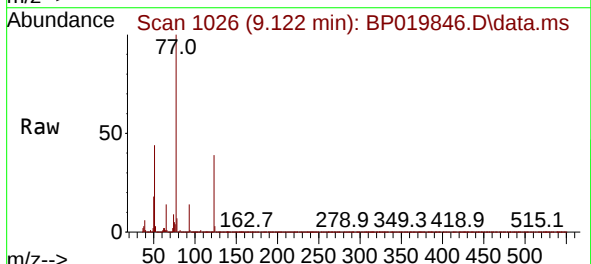
Tgt Ion: 82 Resp: 531570
Ion Ratio Lower Upper
82 100
128 36.1 29.7 44.5
54 45.3 36.8 55.2

Manual Integrations
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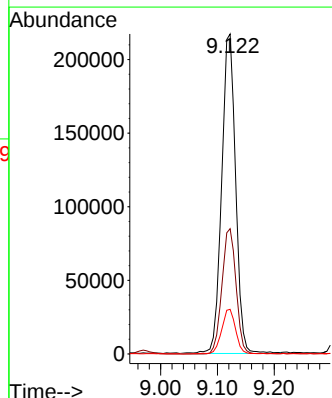
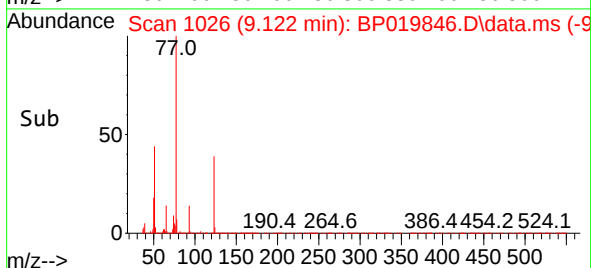
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

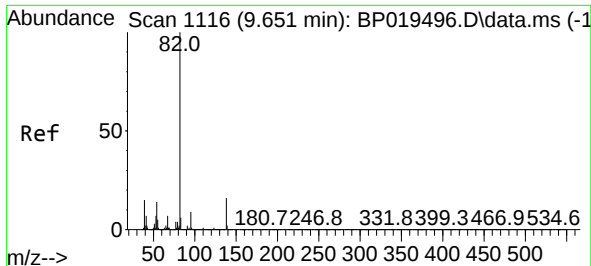


#24
Nitrobenzene
Concen: 40.267 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40



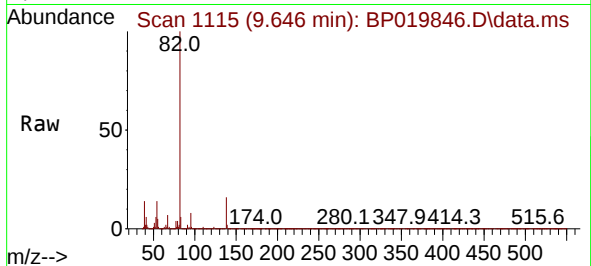
Tgt Ion: 77 Resp: 372309
Ion Ratio Lower Upper
77 100
123 39.2 32.3 48.5
65 13.9 11.6 17.4





#25
Isophorone
Concen: 42.493 ng
RT: 9.646 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

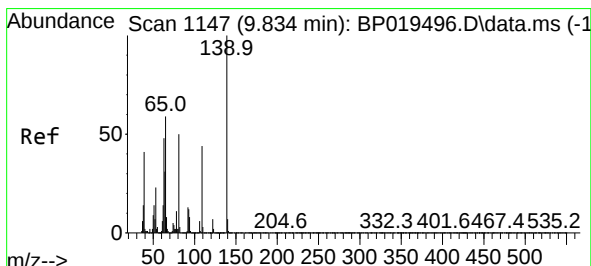
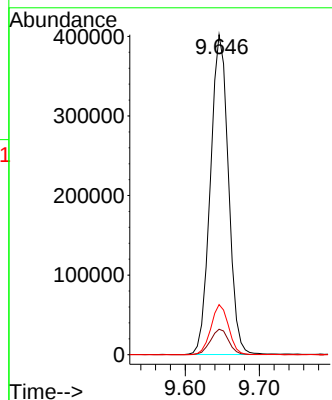
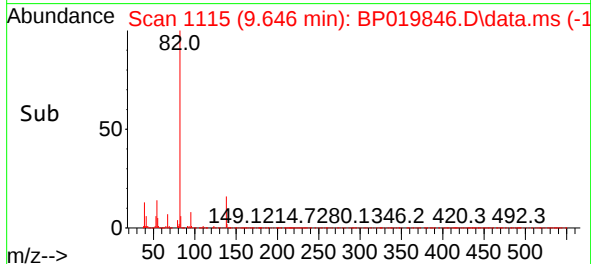
Instrument :
BNA_P
ClientSampleId :
11MS



Tgt Ion: 82 Resp: 67959
Ion Ratio Lower Upper
82 100
95 8.0 7.0 10.4
138 15.6 13.1 19.7

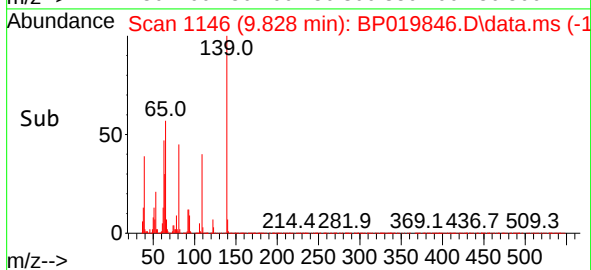
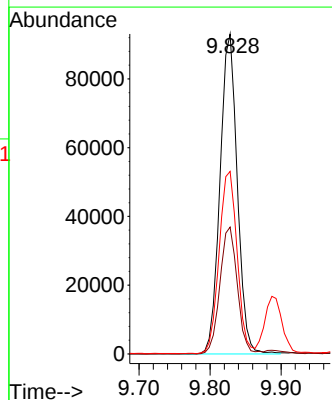
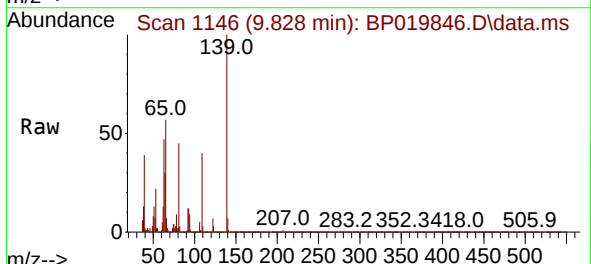
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#26
2-Nitrophenol
Concen: 44.464 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

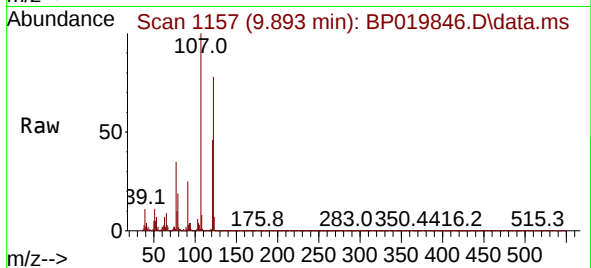
Tgt Ion:139 Resp: 156755
Ion Ratio Lower Upper
139 100
109 39.7 34.9 52.3
65 57.0 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 50.375 ng
RT: 9.893 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

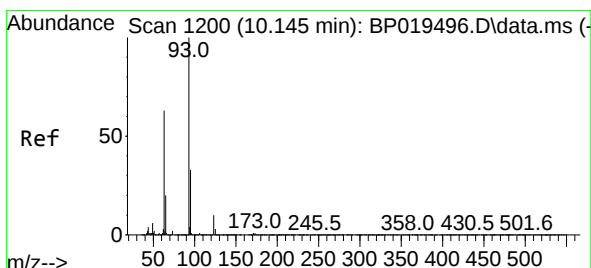
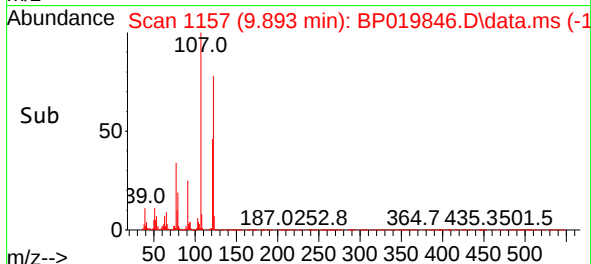
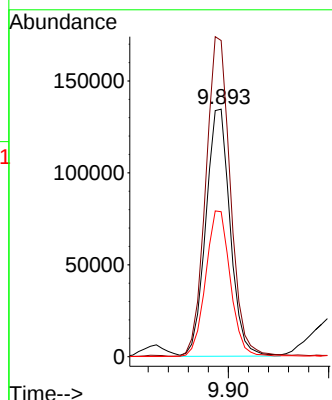
Instrument :
BNA_P
ClientSampleId :
11MS



Tgt Ion:122 Resp: 227089
Ion Ratio Lower Upper
122 100
107 127.7 105.9 158.9
121 58.6 47.5 71.3

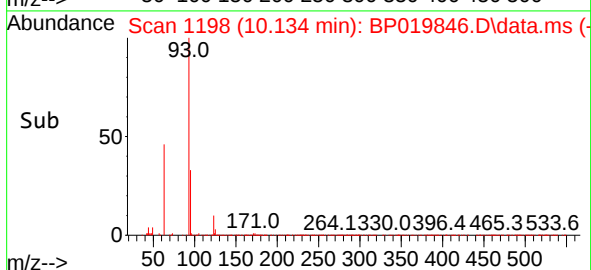
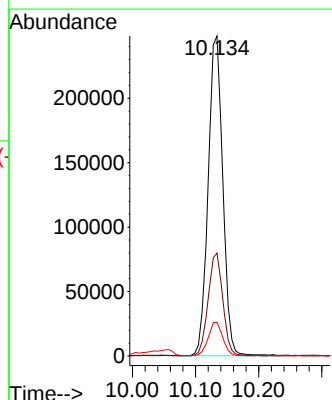
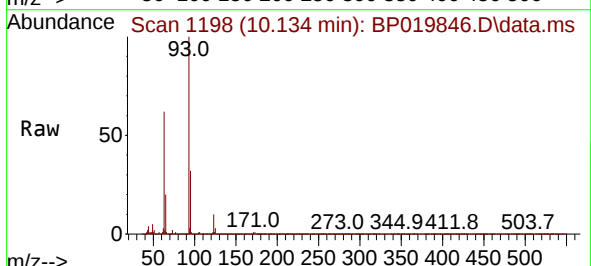
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.175 ng
RT: 10.134 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

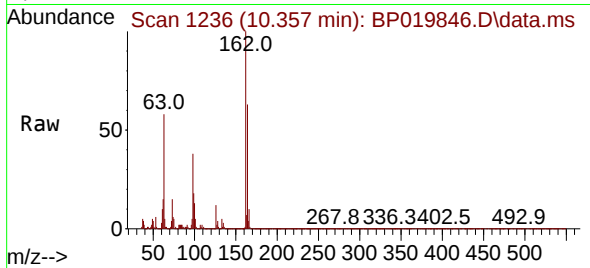
Tgt Ion: 93 Resp: 399730
Ion Ratio Lower Upper
93 100
95 32.2 26.2 39.4
123 10.5 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 44.029 ng
RT: 10.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

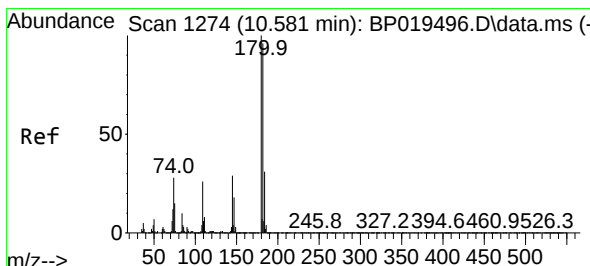
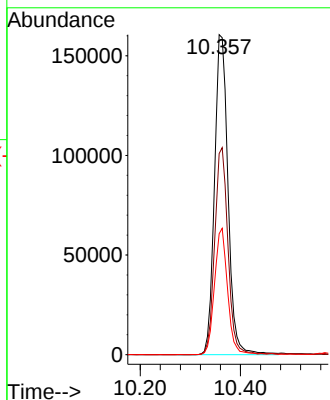
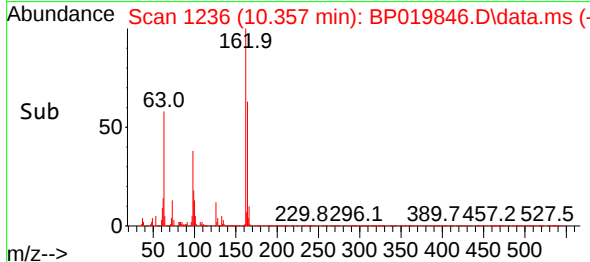
Instrument :
BNA_P
ClientSampleId :
11MS



Tgt Ion:162 Resp: 300038
Ion Ratio Lower Upper
162 100
164 62.9 46.0 86.0
98 37.8 18.7 58.7

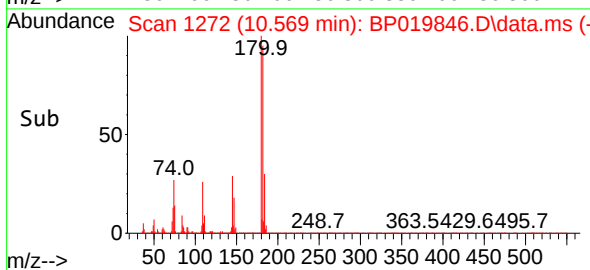
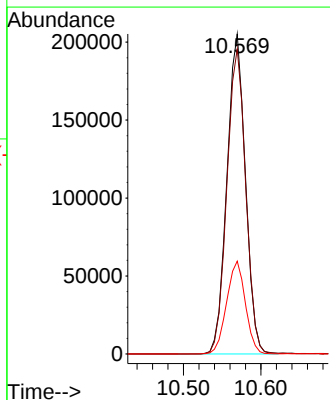
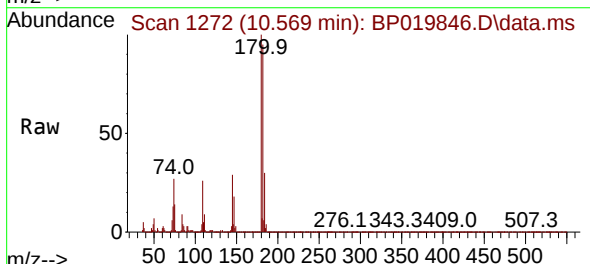
Manual Integrations
APPROVED

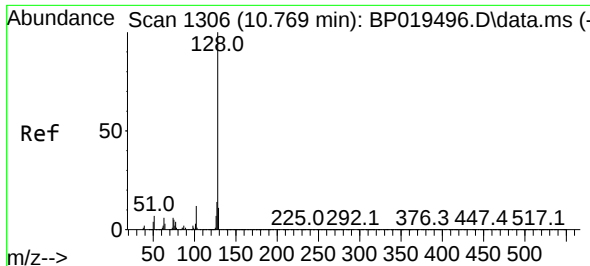
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 40.888 ng
RT: 10.569 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

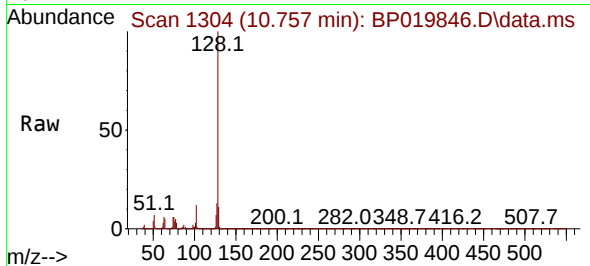
Tgt Ion:180 Resp: 341634
Ion Ratio Lower Upper
180 100
182 95.4 77.0 115.6
145 29.0 23.2 34.8





#31
Naphthalene
Concen: 41.024 ng
RT: 10.757 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

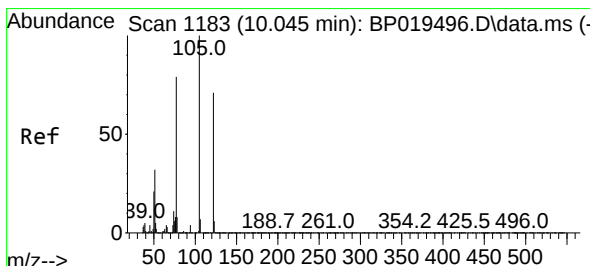
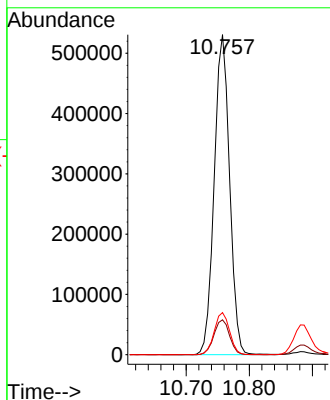
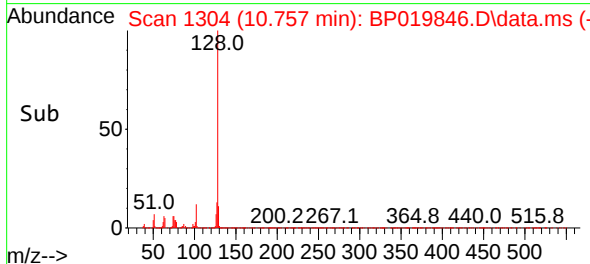
Instrument :
BNA_P
ClientSampleId :
11MS



Tgt Ion:128 Resp: 895314
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.8 16.2

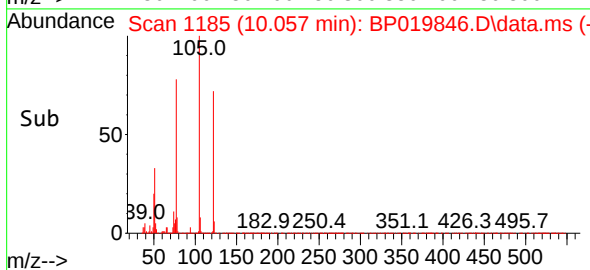
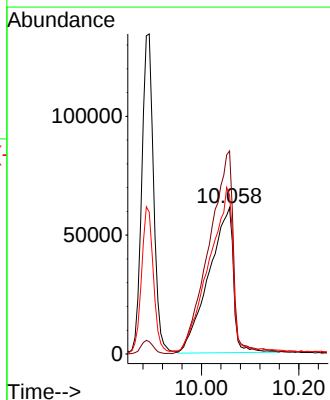
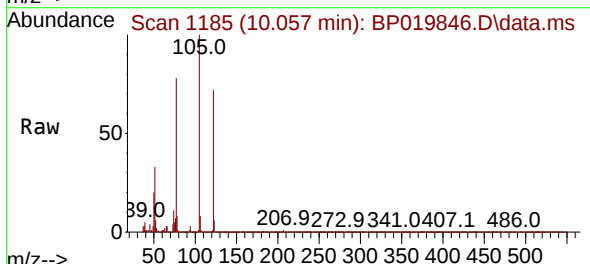
Manual Integrations
APPROVED

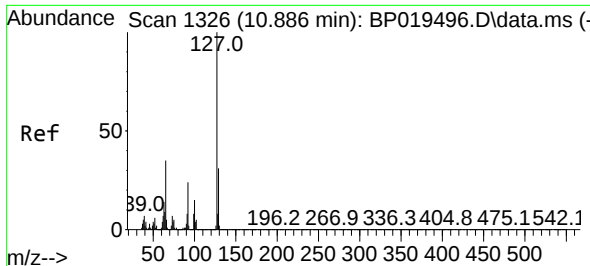
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#32
Benzoic acid
Concen: 48.677 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

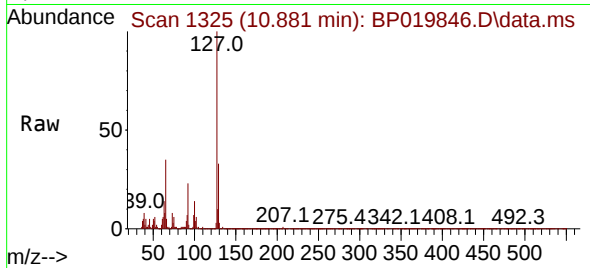
Tgt Ion:122 Resp: 213797
Ion Ratio Lower Upper
122 100
105 138.9 118.8 158.8
77 108.6 91.7 131.7





#33
4-Chloroaniline
Concen: 12.630 ng
RT: 10.881 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

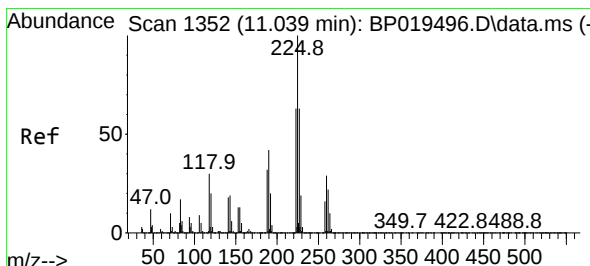
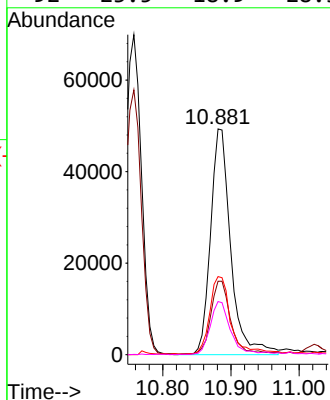
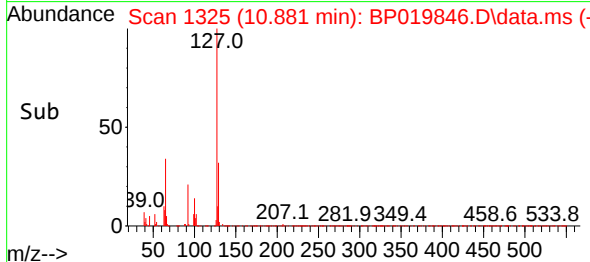
Instrument :
BNA_P
ClientSampleId :
11MS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.6	36.8
65	34.6	28.2	42.4
92	23.5	18.9	28.3

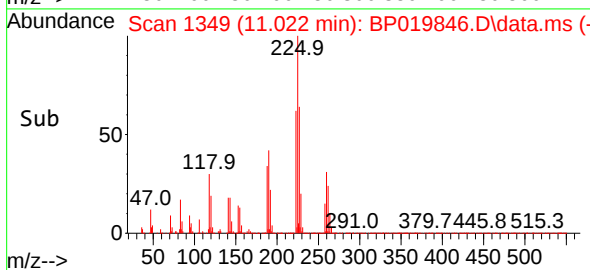
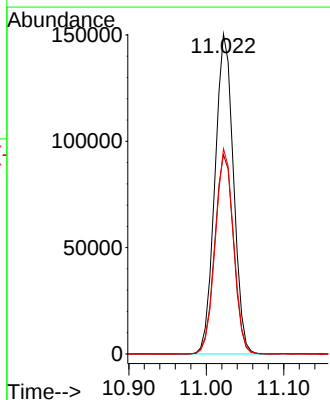
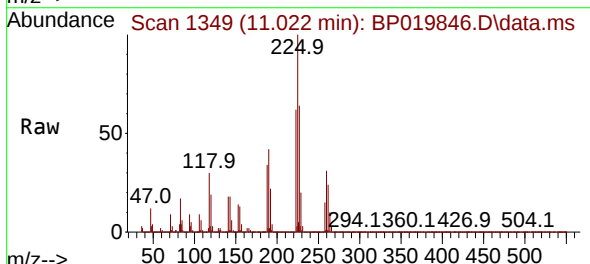
Manual Integrations
APPROVED

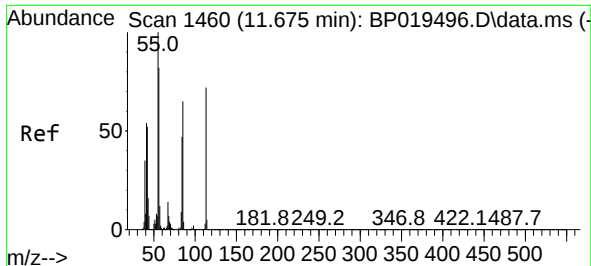
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#34
Hexachlorobutadiene
Concen: 40.260 ng
RT: 11.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

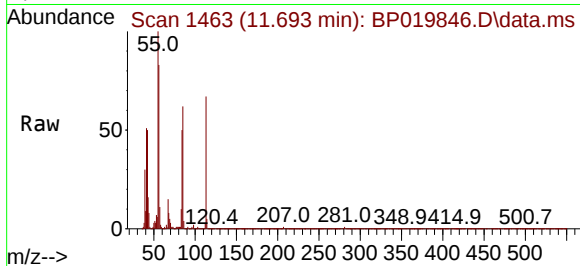
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.5	75.7
227	64.1	50.2	75.2





#35
Caprolactam
Concen: 46.201 ng
RT: 11.693 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

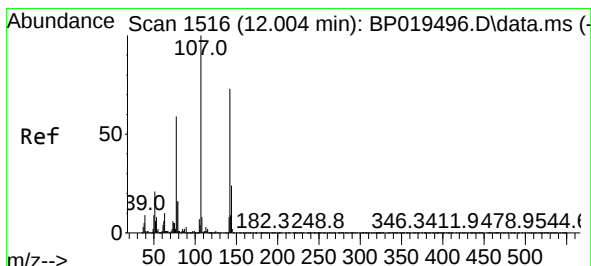
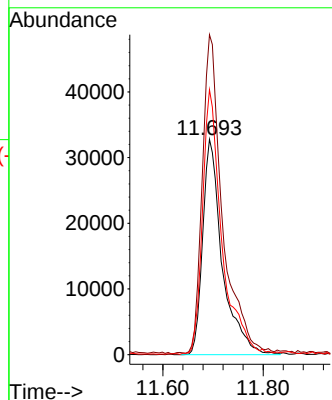
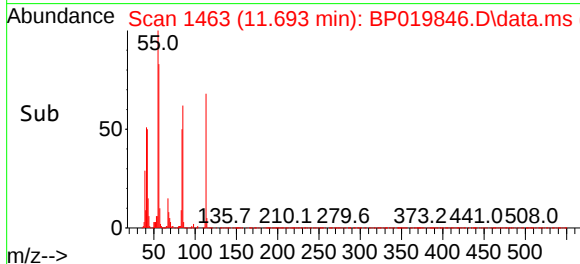
Instrument :
BNA_P
ClientSampleId :
11MS



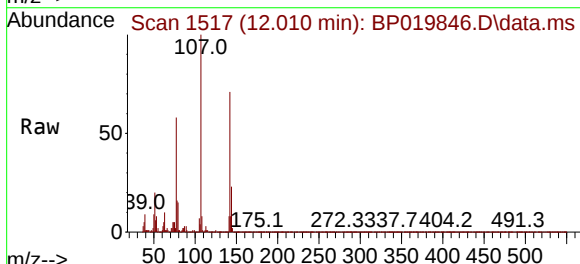
Tgt Ion:113 Resp: 89129
Ion Ratio Lower Upper
113 100
55 148.6 120.0 160.0
56 123.1 94.0 134.0

Manual Integrations
APPROVED

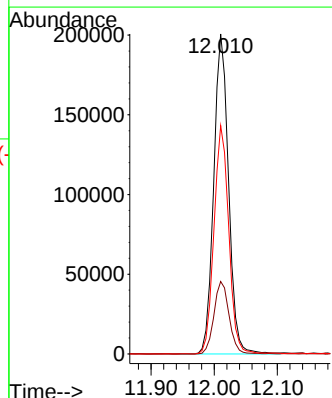
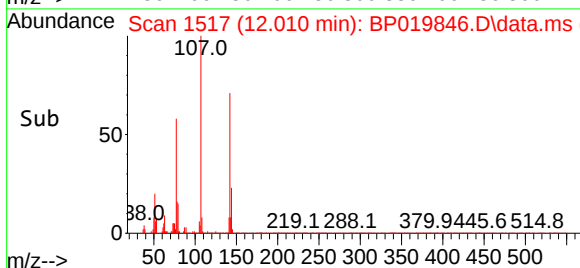
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

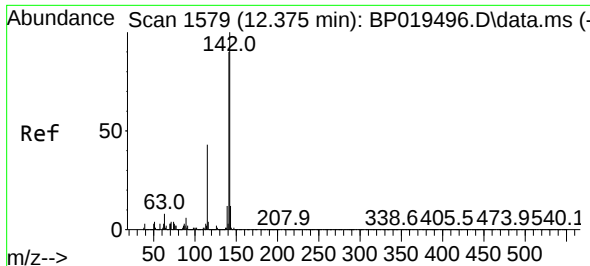


#36
4-Chloro-3-methylphenol
Concen: 43.951 ng
RT: 12.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40



Tgt Ion:107 Resp: 326576
Ion Ratio Lower Upper
107 100
144 22.7 19.0 28.4
142 71.3 58.6 88.0





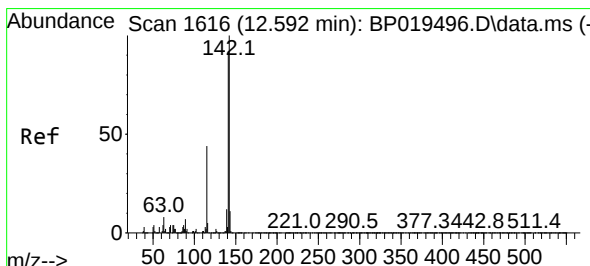
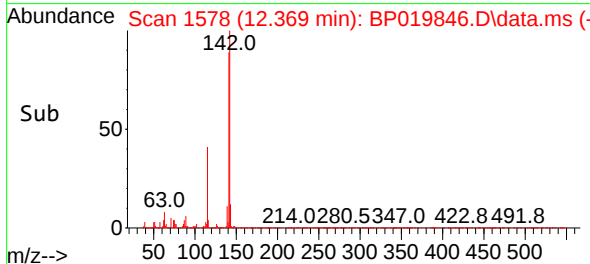
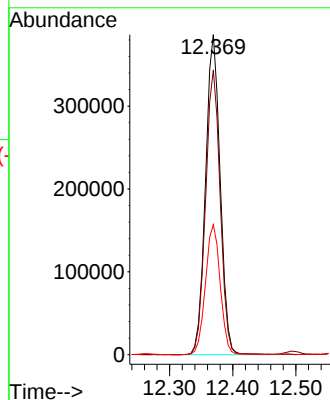
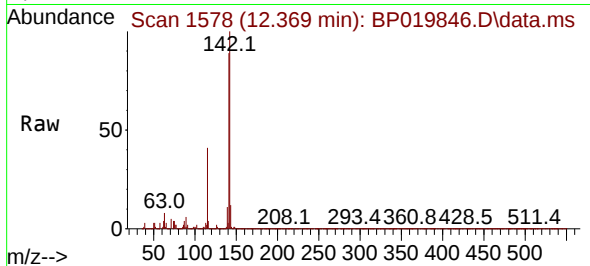
#37
2-Methylnaphthalene
Concen: 41.056 ng
RT: 12.369 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Instrument :
BNA_P
ClientSampleId :
11MS

Tgt Ion:142 Resp: 620080
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.4
115 40.7 34.2 51.2

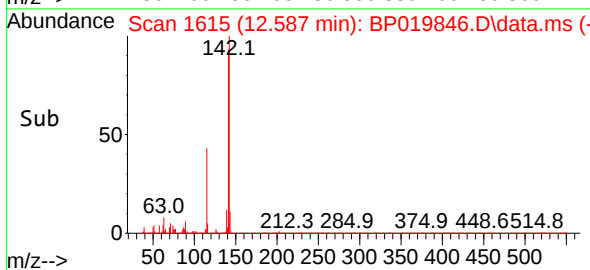
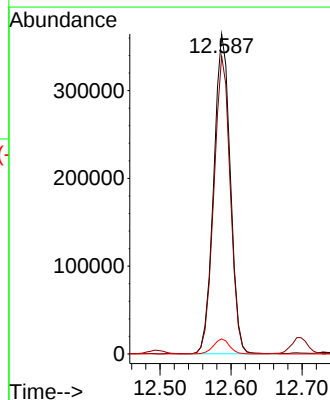
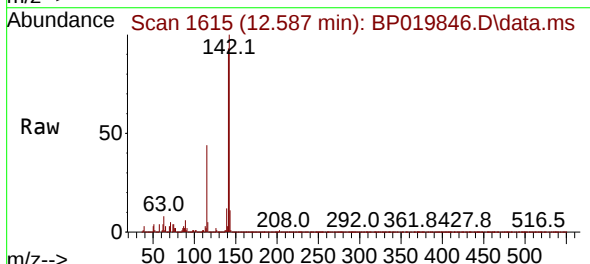
Manual Integrations
APPROVED

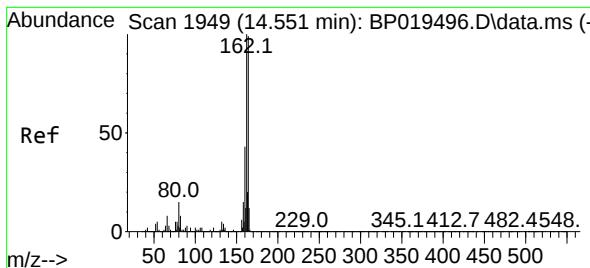
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#38
1-Methylnaphthalene
Concen: 39.617 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Tgt Ion:142 Resp: 588011
Ion Ratio Lower Upper
142 100
141 93.0 74.0 111.0
116 4.7 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Instrument :

BNA_P

ClientSampleId :

11MS

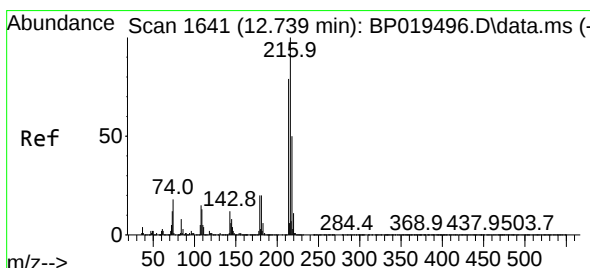
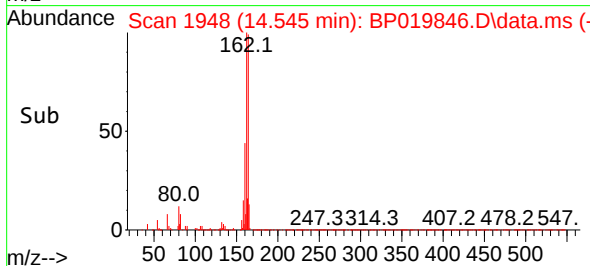
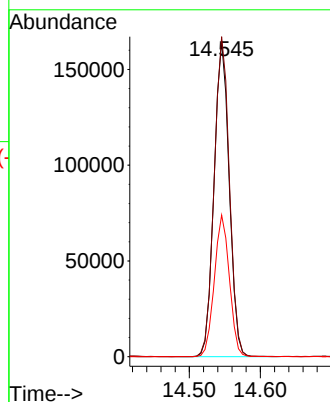
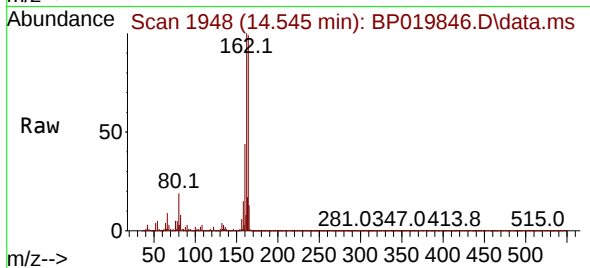
Tgt Ion:164 Resp: 243334
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.2 121.8
 160 44.9 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.987 ng

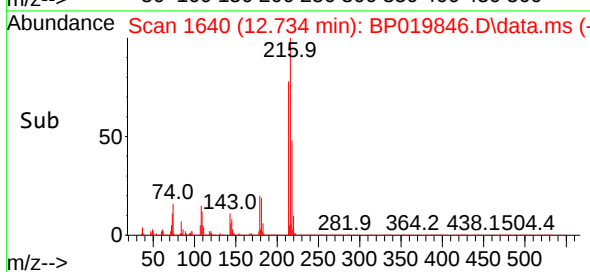
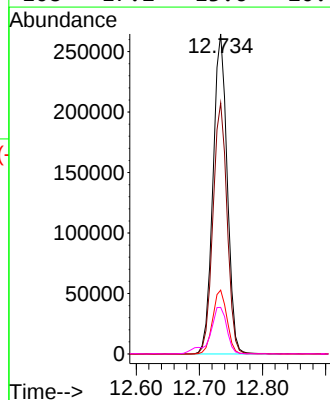
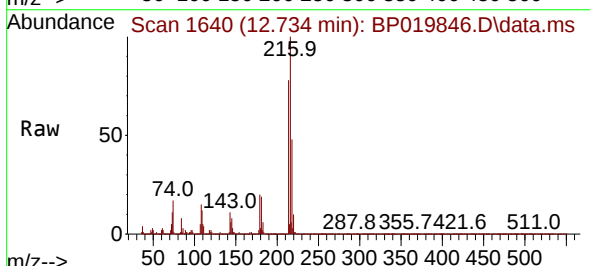
RT: 12.734 min Scan# 1640

Delta R.T. 0.006 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Tgt Ion:216 Resp: 412795
 Ion Ratio Lower Upper
 216 100
 214 78.1 62.8 94.2
 179 20.1 16.6 24.8
 108 17.2 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 68.264 ng

RT: 12.699 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Instrument :

BNA_P

ClientSampleId :

11MS

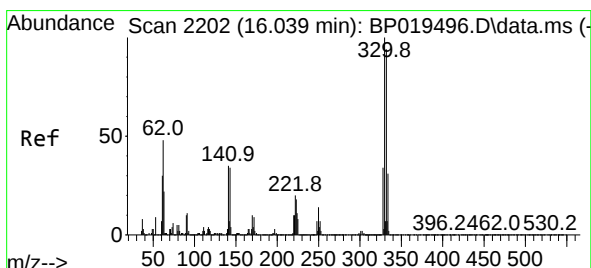
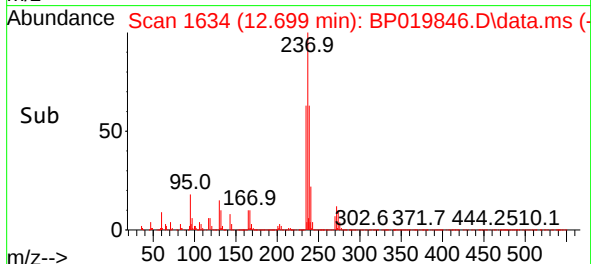
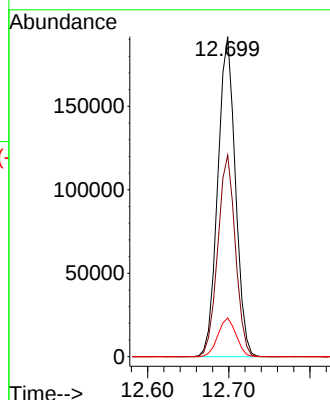
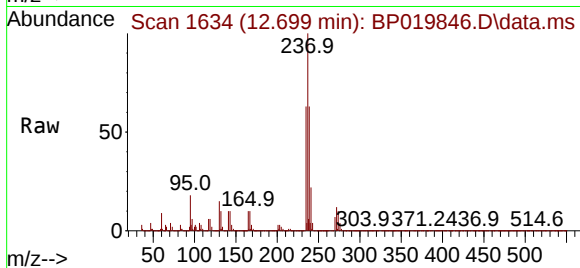
Tgt Ion:	237	Resp:	28940
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.7	83.7
272	12.1	0.0	32.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#42

2,4,6-Tribromophenol

Concen: 97.710 ng

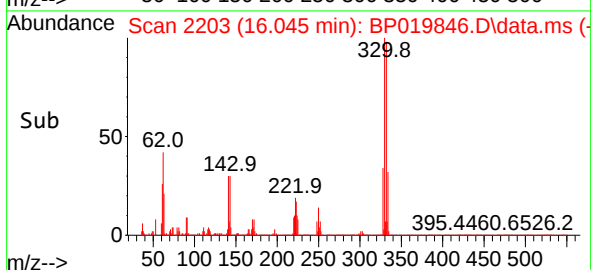
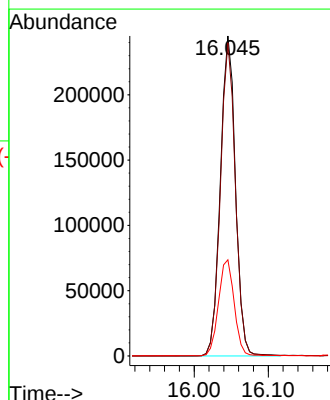
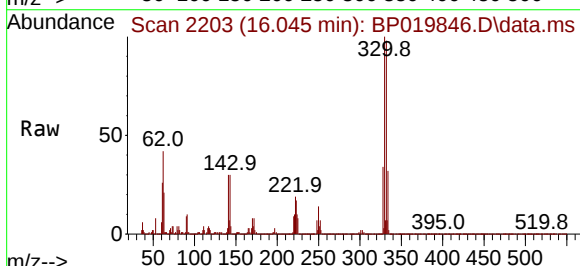
RT: 16.045 min Scan# 2203

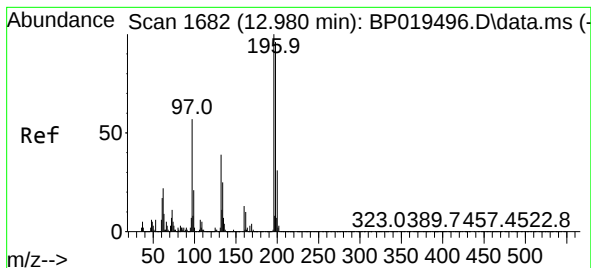
Delta R.T. 0.000 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Tgt Ion:	330	Resp:	347148
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.2	115.8
141	31.3	27.0	40.4





#43

2,4,6-Trichlorophenol

Concen: 46.185 ng

RT: 12.981 min Scan# 1682

Delta R.T. -0.000 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Instrument :

BNA_P

ClientSampleId :

11MS

Tgt Ion:196 Resp: 262440

Ion Ratio Lower Upper

196 100

198 96.7 76.7 115.1

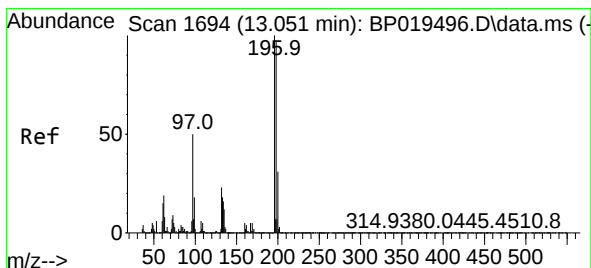
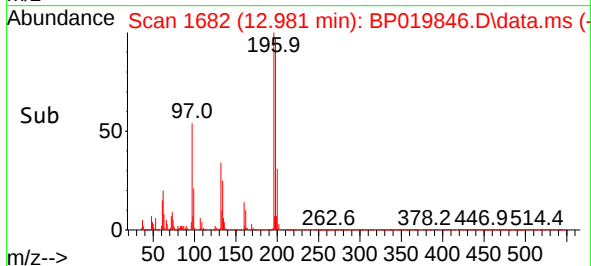
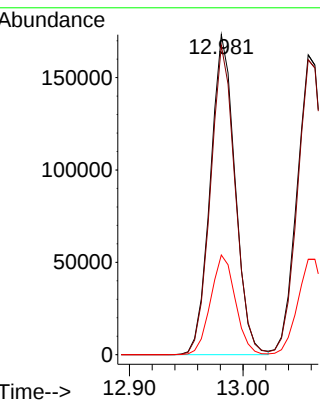
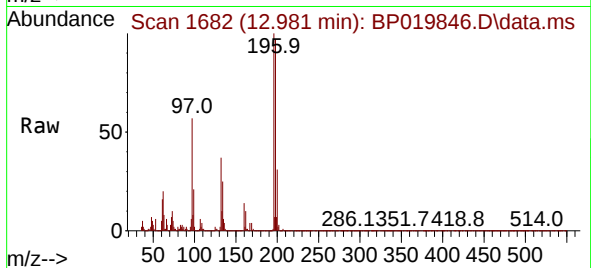
200 31.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#44

2,4,5-Trichlorophenol

Concen: 44.111 ng

RT: 13.057 min Scan# 1695

Delta R.T. -0.000 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Tgt Ion:196 Resp: 275249

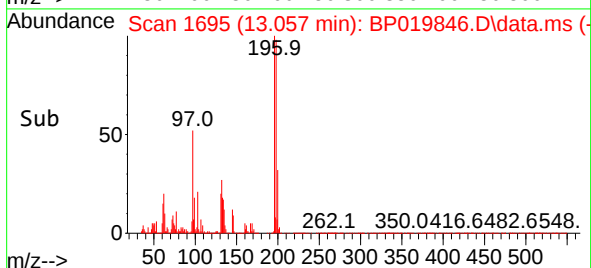
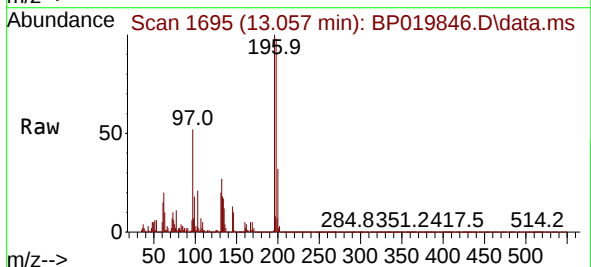
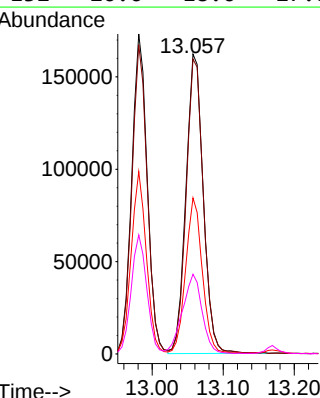
Ion Ratio Lower Upper

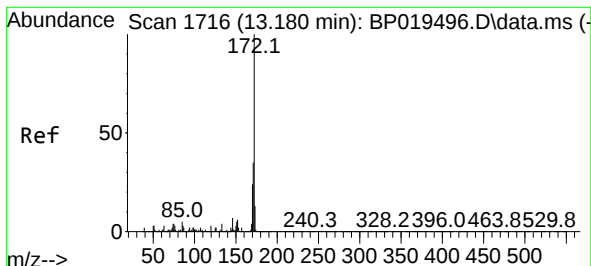
196 100

198 98.4 77.5 116.3

97 52.0 39.9 59.9

132 26.6 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 55.962 ng

RT: 13.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Instrument :

BNA_P

ClientSampleId :

11MS

Tgt Ion:172 Resp: 1101534

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

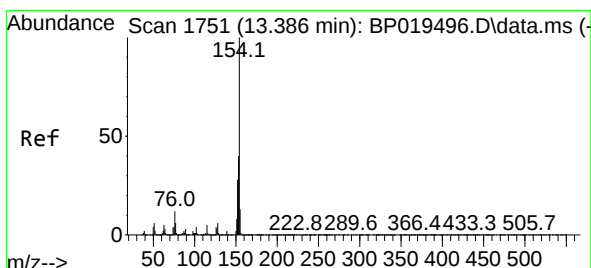
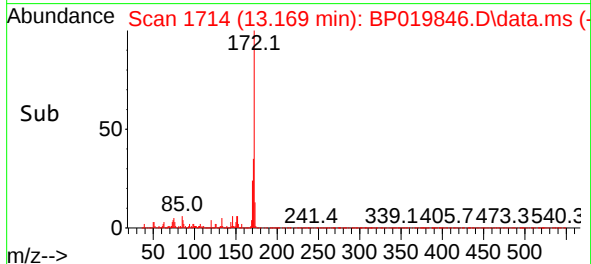
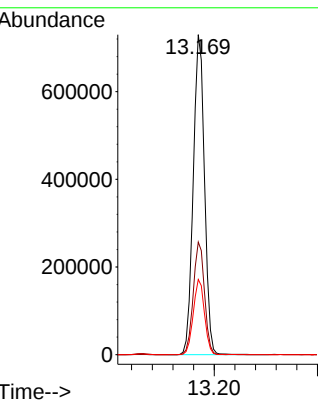
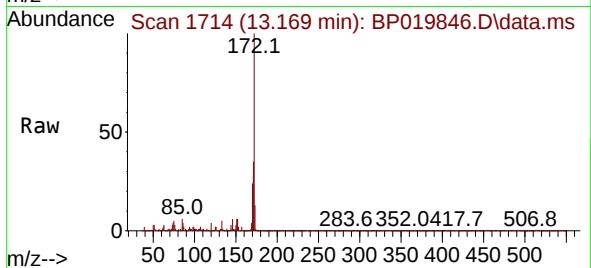
170 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#46

1,1'-Biphenyl

Concen: 42.269 ng

RT: 13.381 min Scan# 1750

Delta R.T. 0.000 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

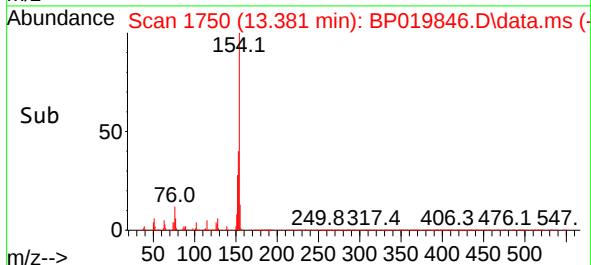
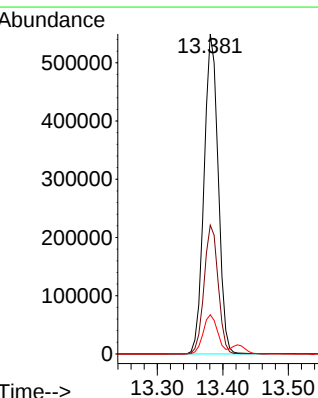
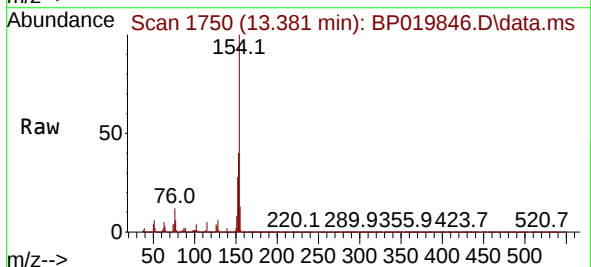
Tgt Ion:154 Resp: 820925

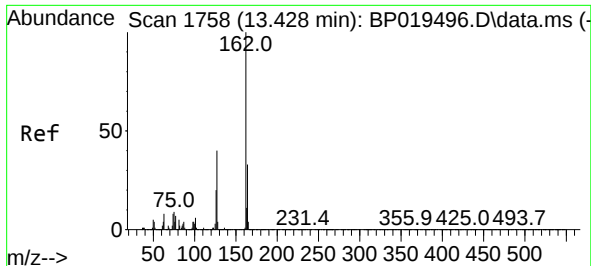
Ion Ratio Lower Upper

154 100

153 40.3 20.2 60.2

76 12.3 0.0 31.6





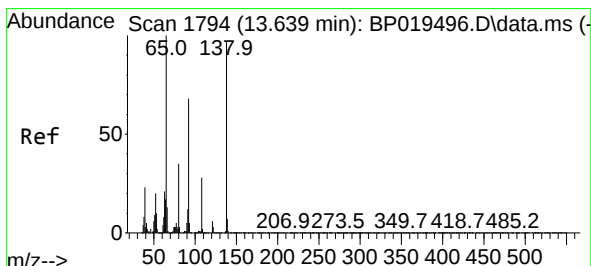
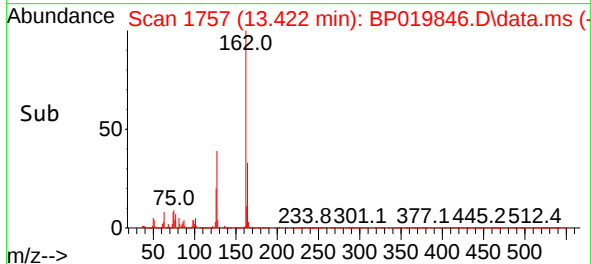
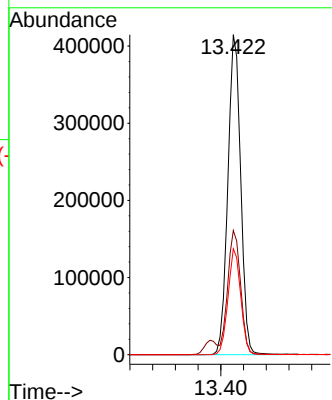
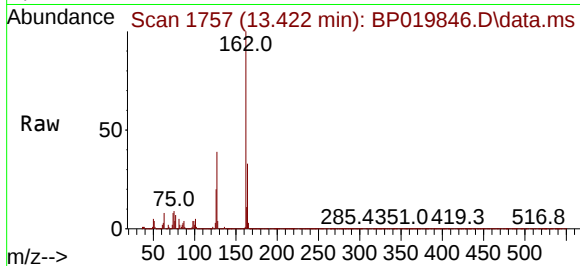
#47
2-Chloronaphthalene
Concen: 40.877 ng
RT: 13.422 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Instrument :
BNA_P
ClientSampleId :
11MS

Tgt Ion:162 Resp: 651688
Ion Ratio Lower Upper
162 100
127 38.8 32.1 48.1
164 33.1 26.7 40.1

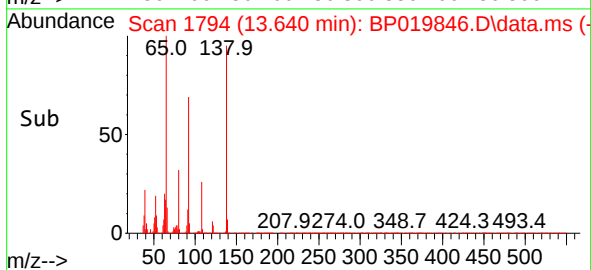
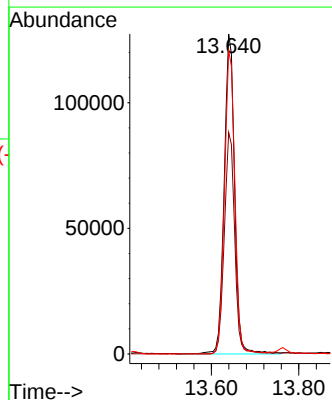
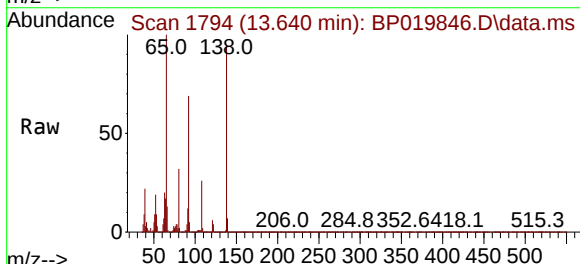
Manual Integrations
APPROVED

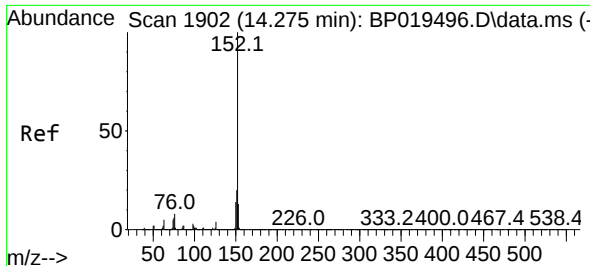
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#48
2-Nitroaniline
Concen: 46.779 ng
RT: 13.640 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

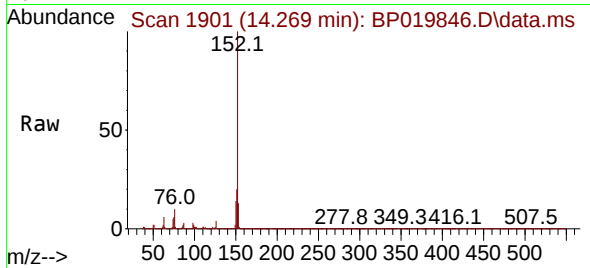
Tgt Ion: 65 Resp: 208535
Ion Ratio Lower Upper
65 100
92 69.2 54.7 82.1
138 94.7 77.8 116.6





#49
Acenaphthylene
Concen: 45.680 ng
RT: 14.269 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

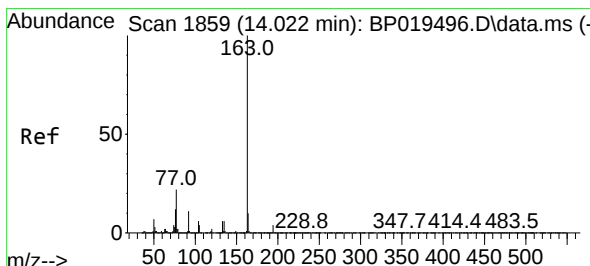
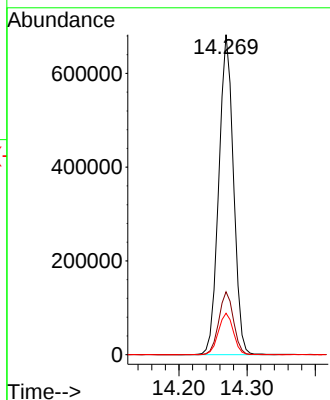
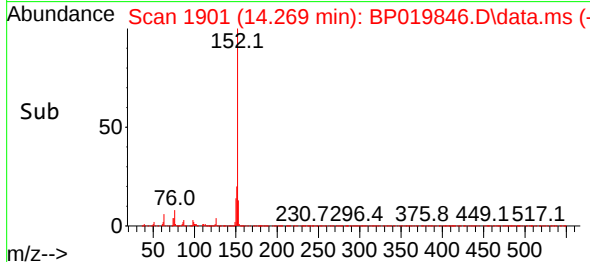
Instrument :
BNA_P
ClientSampleId :
11MS



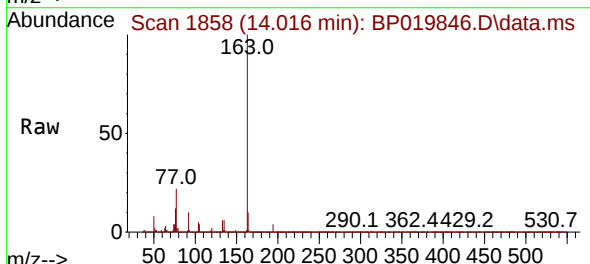
Tgt Ion:152 Resp: 102172
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.9 10.6 15.8

Manual Integrations
APPROVED

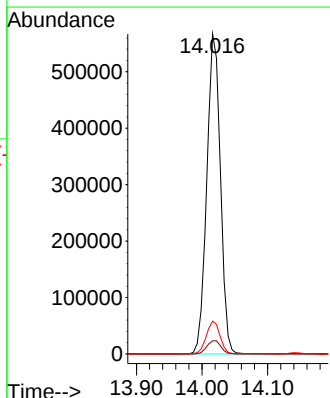
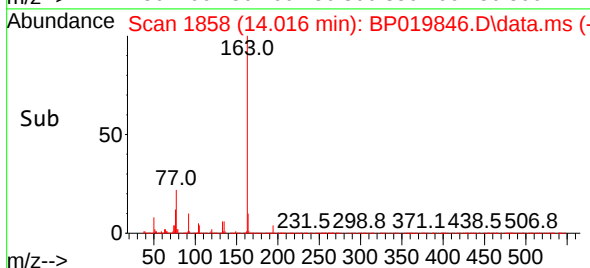
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

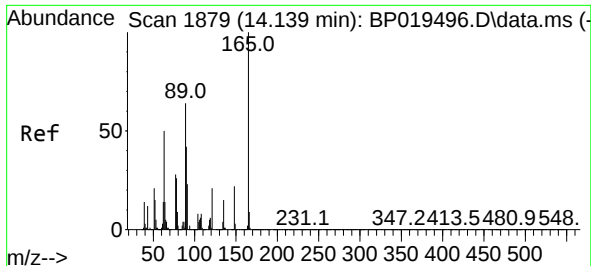


#50
Dimethylphthalate
Concen: 44.009 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40



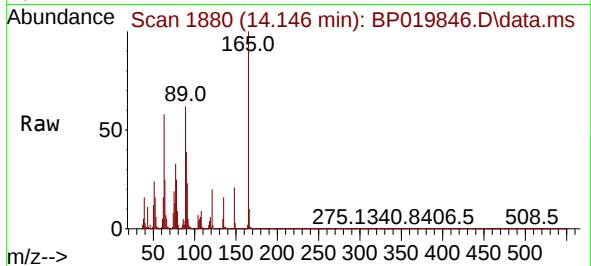
Tgt Ion:163 Resp: 819796
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.3 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 42.647 ng
RT: 14.146 min Scan# 1879
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

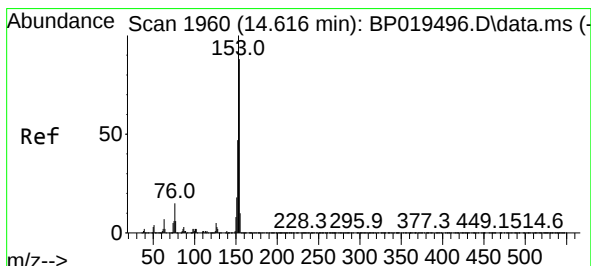
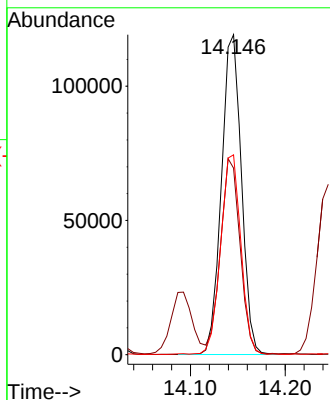
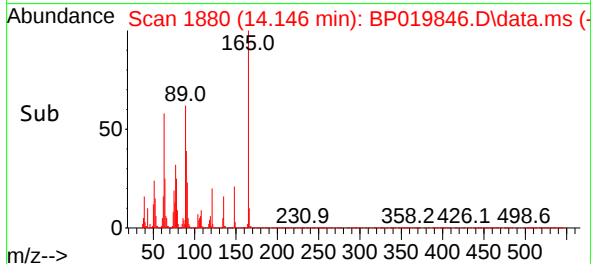
Instrument :
BNA_P
ClientSampleId :
11MS



Tgt Ion:165 Resp: 174540
Ion Ratio Lower Upper
165 100
63 58.3 50.4 75.6
89 62.4 51.7 77.5

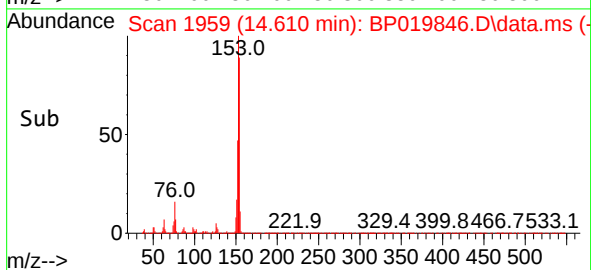
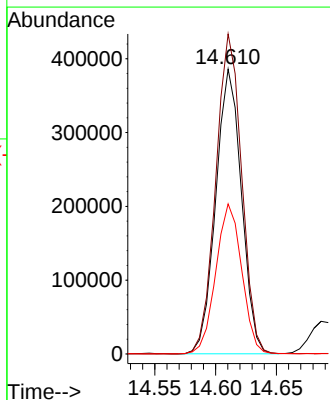
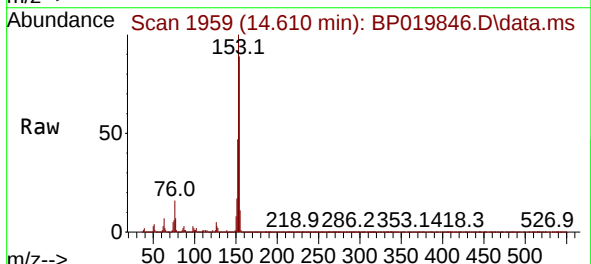
Manual Integrations
APPROVED

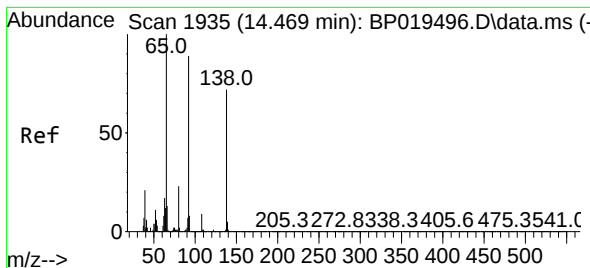
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#52
Acenaphthene
Concen: 40.840 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

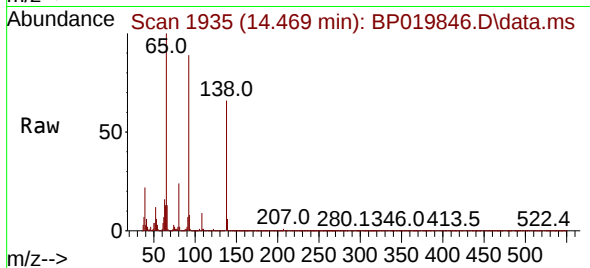
Tgt Ion:154 Resp: 566939
Ion Ratio Lower Upper
154 100
153 112.3 90.5 135.7
152 52.7 42.1 63.1





#53
3-Nitroaniline
Concen: 29.901 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

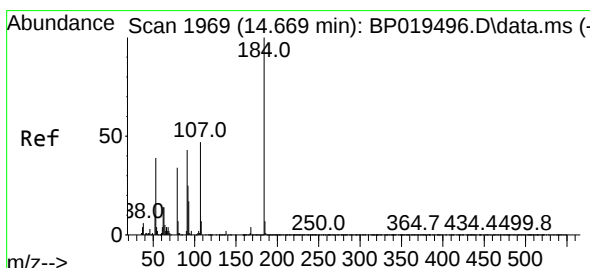
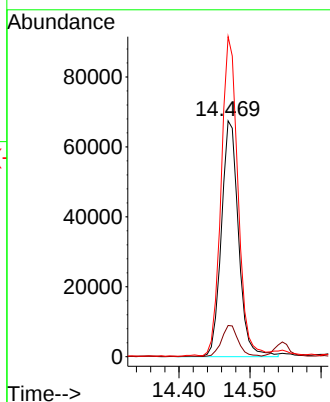
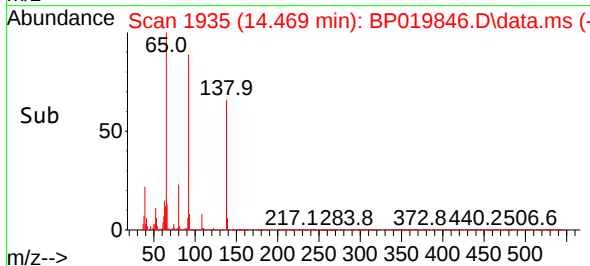
Instrument :
BNA_P
ClientSampleId :
11MS



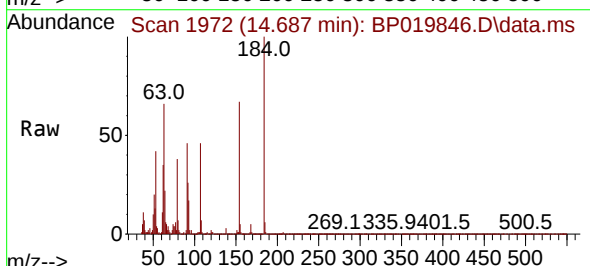
Tgt Ion:138 Resp: 112462
Ion Ratio Lower Upper
138 100
108 13.2 9.7 14.5
92 135.7 98.0 147.0

Manual Integrations
APPROVED

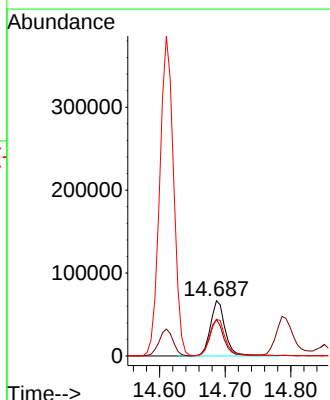
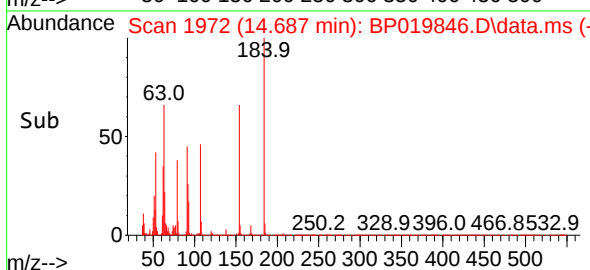
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

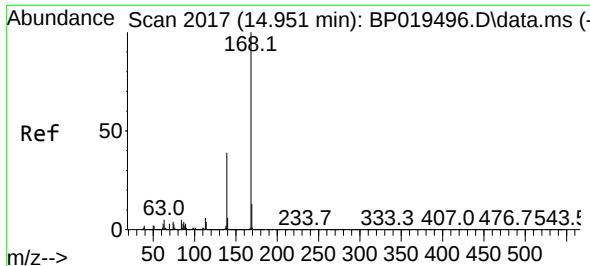


#54
2,4-Dinitrophenol
Concen: 49.007 ng
RT: 14.687 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40



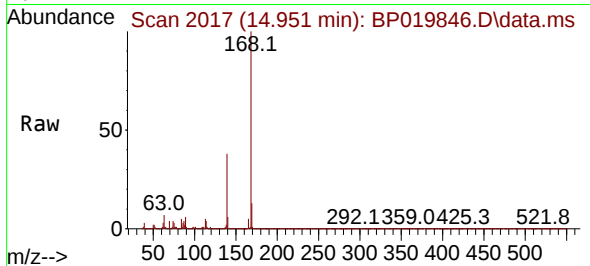
Tgt Ion:184 Resp: 104138
Ion Ratio Lower Upper
184 100
63 66.1 50.5 75.7
154 66.5 53.4 80.0





#55
Dibenzenofuran
Concen: 41.759 ng
RT: 14.951 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

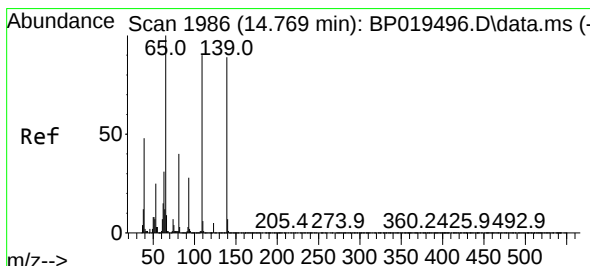
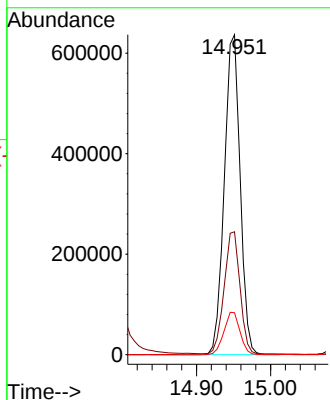
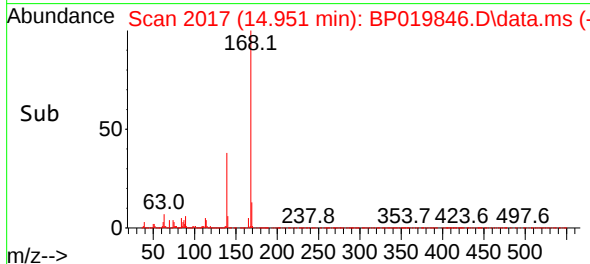
Instrument :
BNA_P
ClientSampleId :
11MS



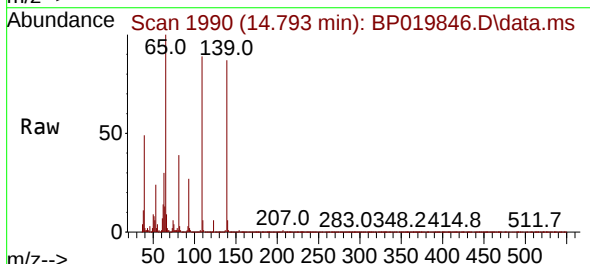
Tgt Ion:168 Resp: 944160
Ion Ratio Lower Upper
168 100
139 38.4 31.5 47.3
169 13.1 10.3 15.5

Manual Integrations
APPROVED

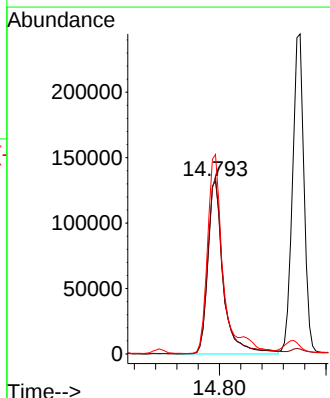
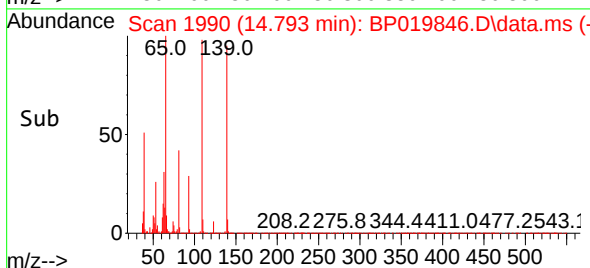
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

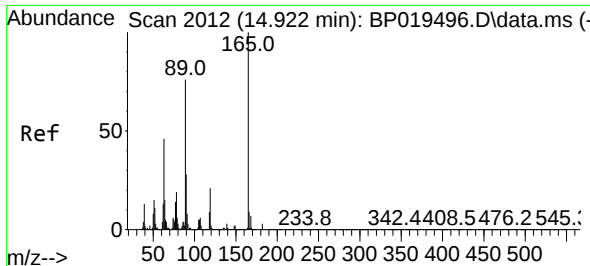


#56
4-Nitrophenol
Concen: 86.644 ng
RT: 14.793 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40



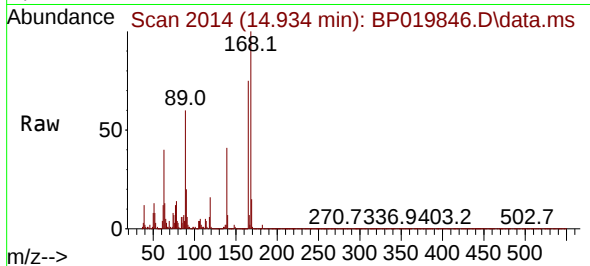
Tgt Ion:139 Resp: 267107
Ion Ratio Lower Upper
139 100
109 102.8 82.0 122.0
65 115.4 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 43.851 ng
RT: 14.934 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

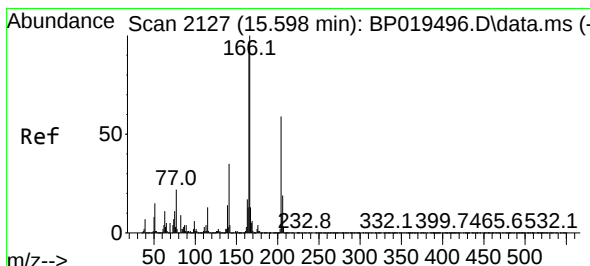
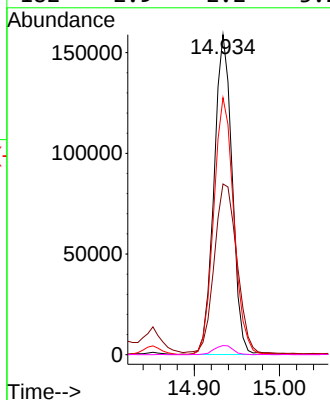
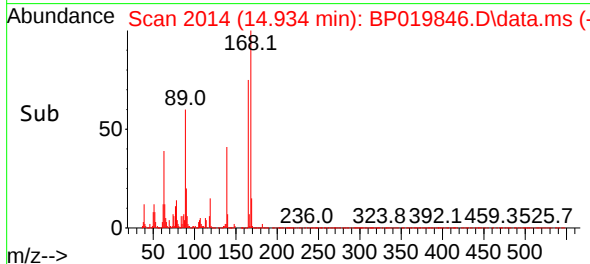
Instrument :
BNA_P
ClientSampleId :
11MS



Tgt Ion:165 Resp: 23518
Ion Ratio Lower Upper
165 100
63 53.4 36.9 55.3
89 80.3 61.1 91.7
182 2.9 2.2 3.2

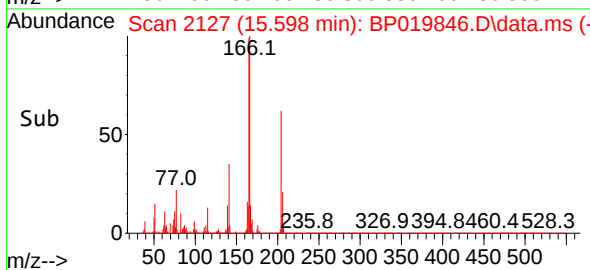
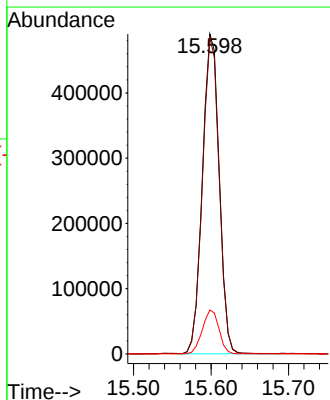
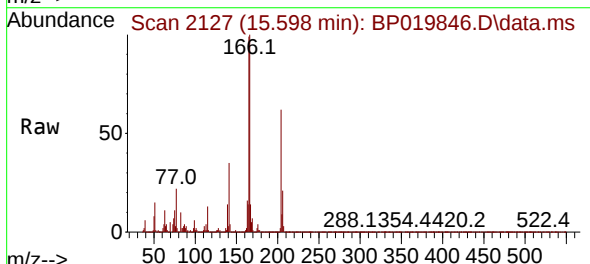
Manual Integrations
APPROVED

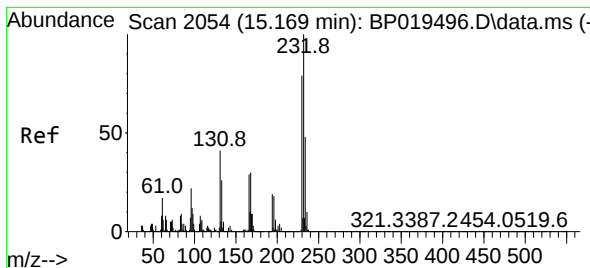
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#58
Fluorene
Concen: 40.956 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

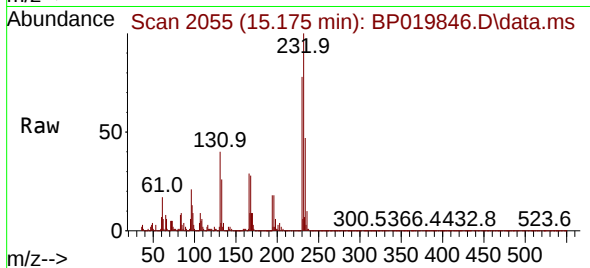
Tgt Ion:166 Resp: 737550
Ion Ratio Lower Upper
166 100
165 98.9 77.8 116.8
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.506 ng
RT: 15.175 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

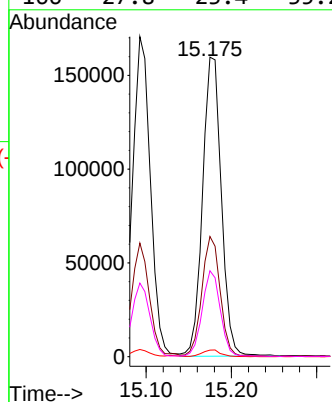
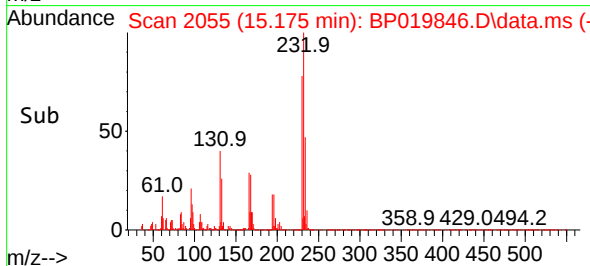
Instrument :
BNA_P
ClientSampleId :
11MS



Tgt Ion:232 Resp: 244089
Ion Ratio Lower Upper
232 100
131 39.3 32.4 48.6
130 2.2 1.9 2.9
166 27.8 23.4 35.2

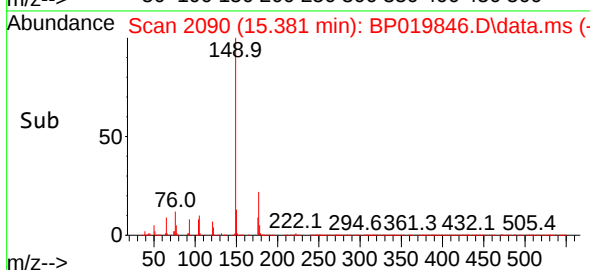
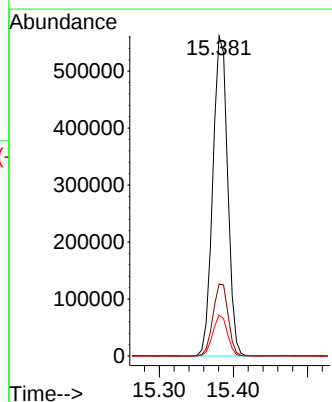
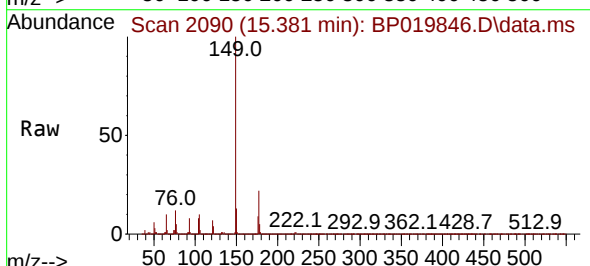
Manual Integrations
APPROVED

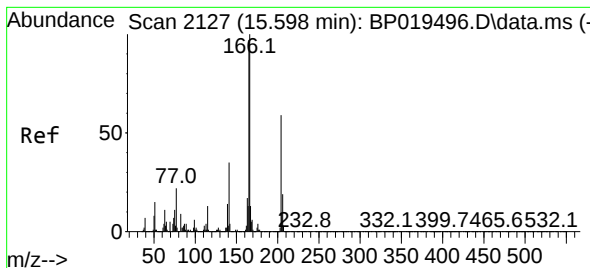
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#60
Diethylphthalate
Concen: 42.070 ng
RT: 15.381 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

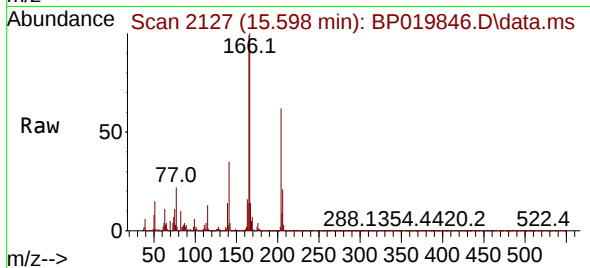
Tgt Ion:149 Resp: 779482
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.188 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

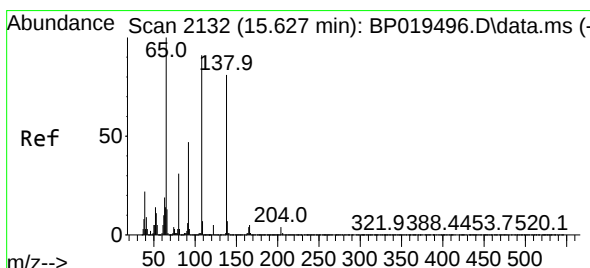
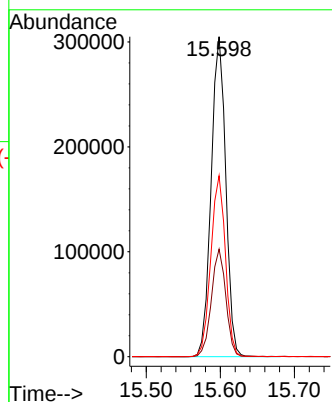
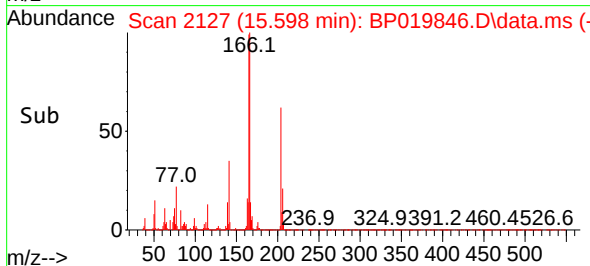
Instrument :
BNA_P
ClientSampleId :
11MS



Tgt Ion:204 Resp: 41688
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 56.5 48.5 72.7

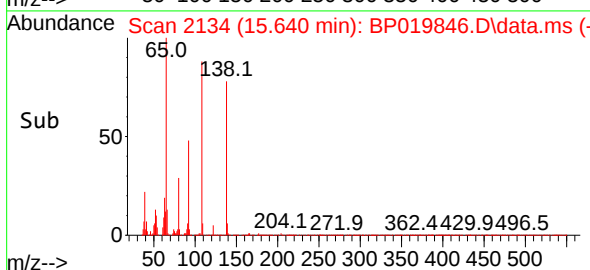
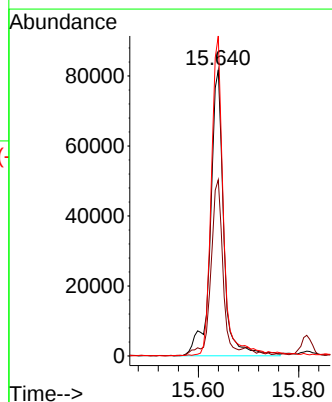
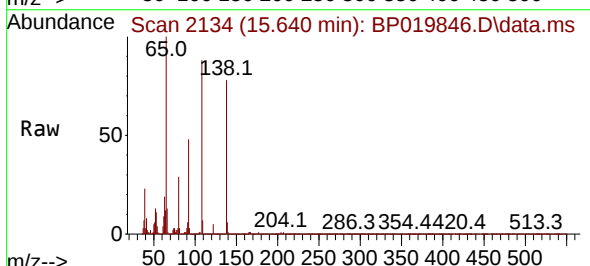
Manual Integrations
APPROVED

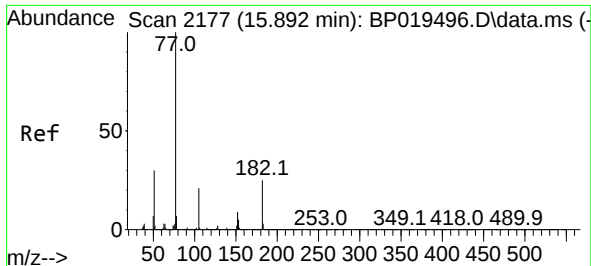
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#62
4-Nitroaniline
Concen: 37.997 ng
RT: 15.640 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

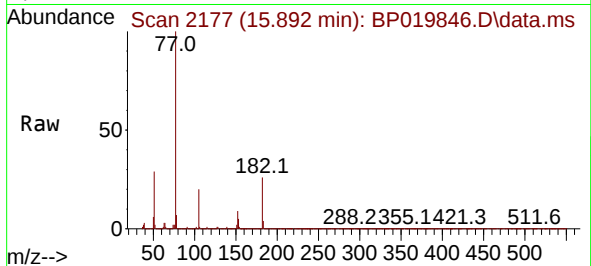
Tgt Ion:138 Resp: 149799
Ion Ratio Lower Upper
138 100
92 61.6 38.3 78.3
108 111.9 91.2 131.2





#63
Azobenzene
Concen: 41.570 ng
RT: 15.892 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

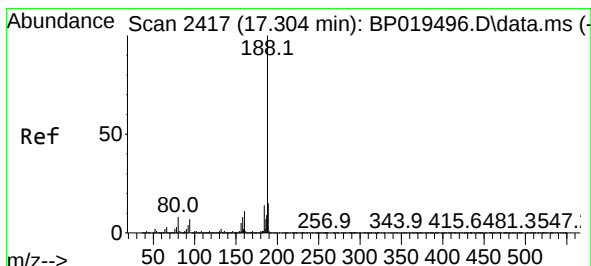
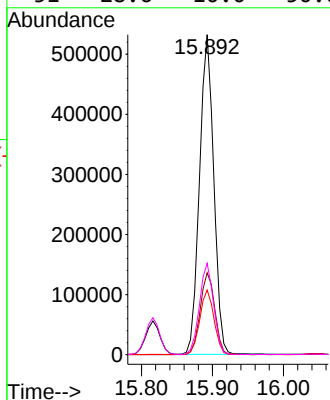
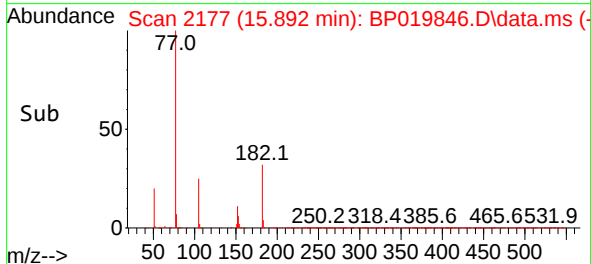
Instrument :
BNA_P
ClientSampleId :
11MS



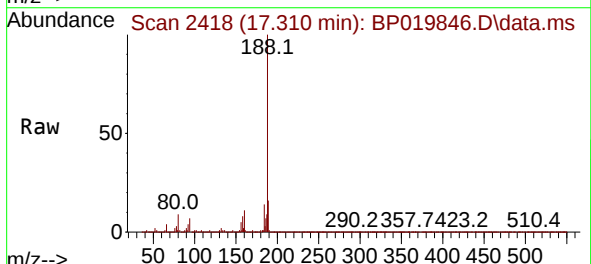
Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	5.1	45.1
105	20.2	0.8	40.8
51	28.6	10.0	50.0

Manual Integrations
APPROVED

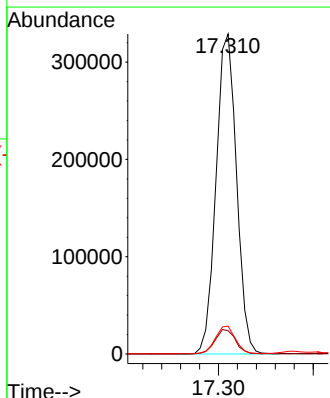
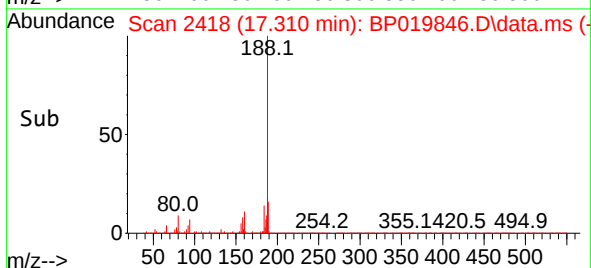
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

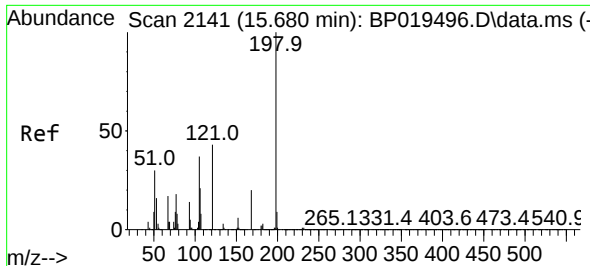


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40



Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.4	8.2
80	8.7	6.3	9.5





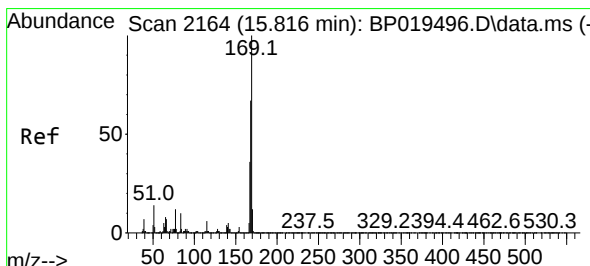
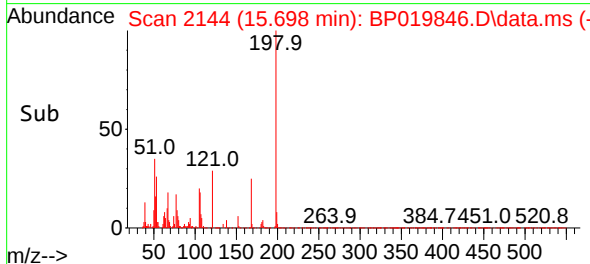
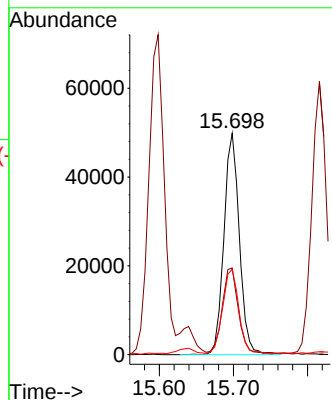
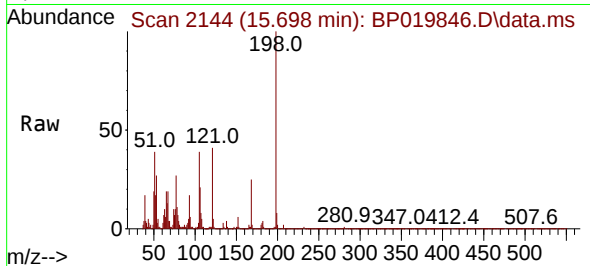
#65
4,6-Dinitro-2-methylphenol
Concen: 25.709 ng
RT: 15.698 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Instrument :
BNA_P
ClientSampleId :
11MS

Tgt Ion:198 Resp: 72362
Ion Ratio Lower Upper
198 100
51 39.1 21.2 61.2
105 38.6 19.1 59.1

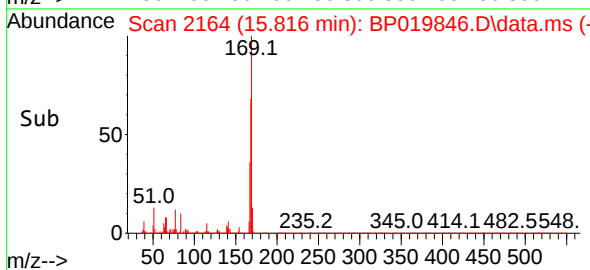
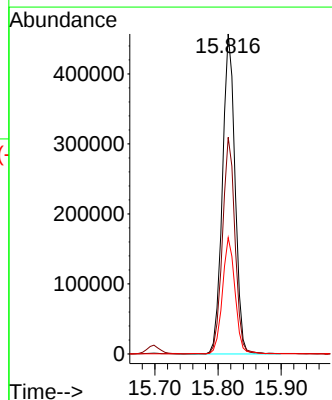
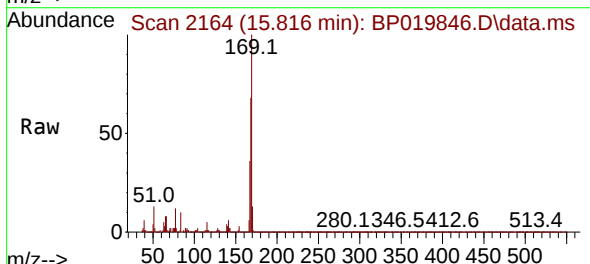
Manual Integrations
APPROVED

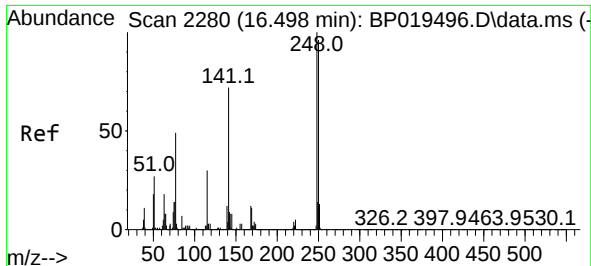
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#66
n-Nitrosodiphenylamine
Concen: 42.963 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

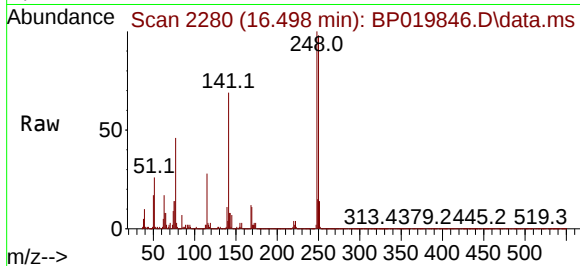
Tgt Ion:169 Resp: 635135
Ion Ratio Lower Upper
169 100
168 67.7 53.4 80.2
167 36.4 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 43.948 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

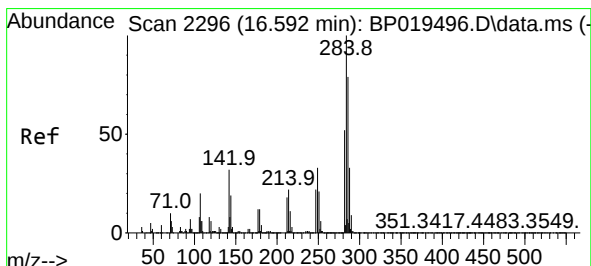
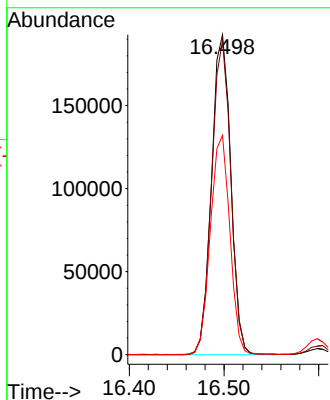
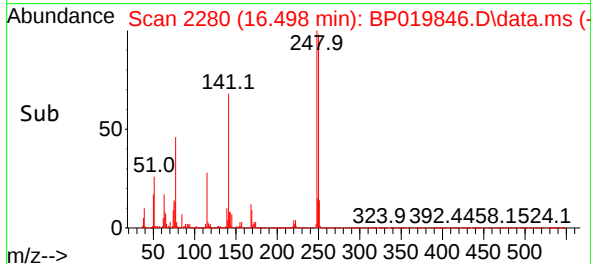
Instrument :
BNA_P
ClientSampleId :
11MS



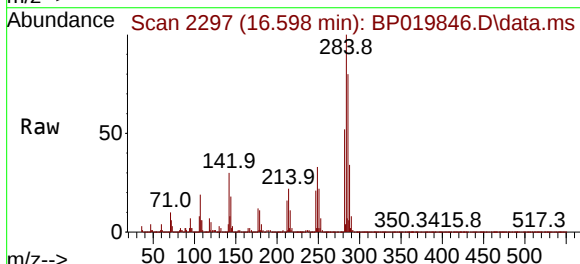
Tgt Ion:248 Resp: 27119
Ion Ratio Lower Upper
248 100
250 98.2 76.9 115.3
141 68.5 58.0 87.0

Manual Integrations
APPROVED

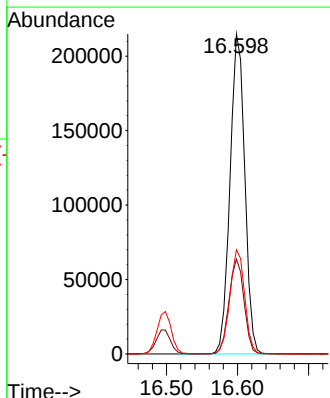
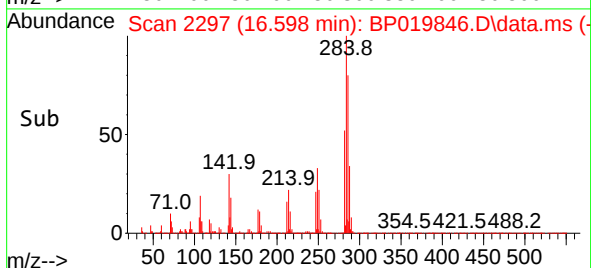
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

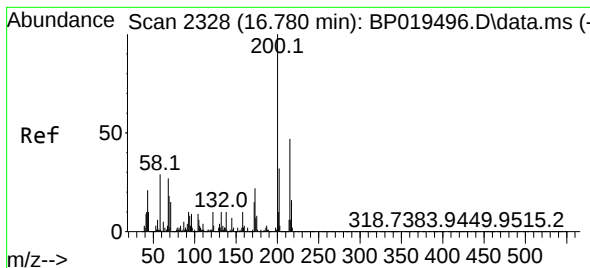


#68
Hexachlorobenzene
Concen: 43.127 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40



Tgt Ion:284 Resp: 310774
Ion Ratio Lower Upper
284 100
142 29.7 25.4 38.2
249 32.6 26.5 39.7





#69

Atrazine

Concen: 52.141 ng

RT: 16.781 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Instrument :

BNA_P

ClientSampleId :

11MS

Tgt Ion:200 Resp: 25578

Ion Ratio Lower Upper

200 100

173 24.4 1.7 41.7

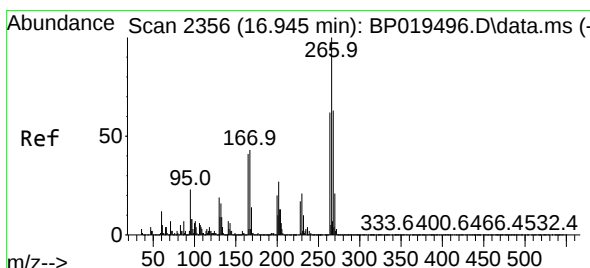
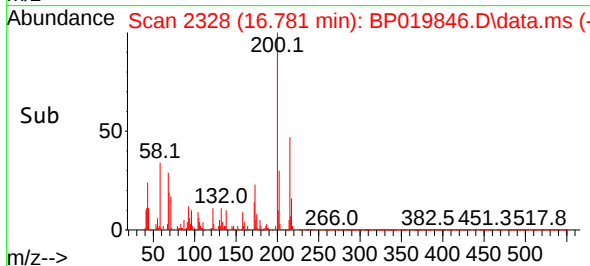
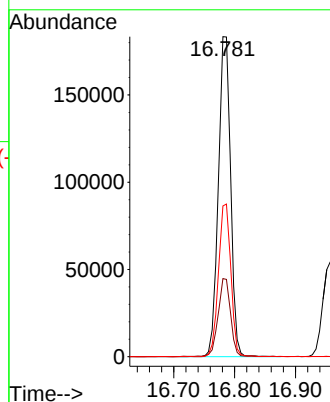
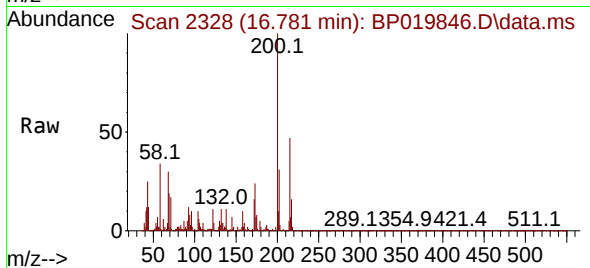
215 47.1 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#70

Pentachlorophenol

Concen: 91.511 ng

RT: 16.957 min Scan# 2358

Delta R.T. 0.000 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

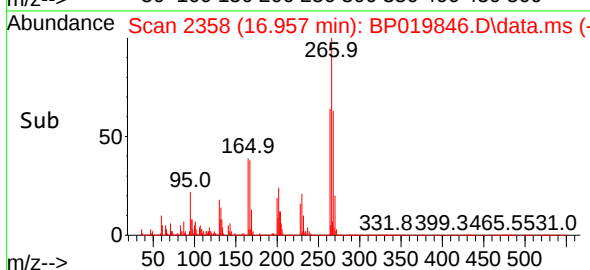
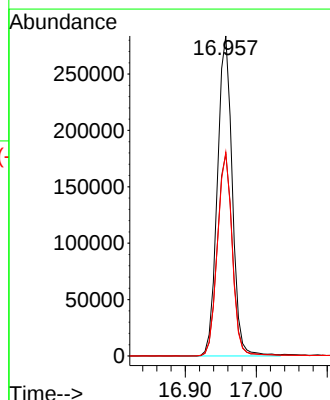
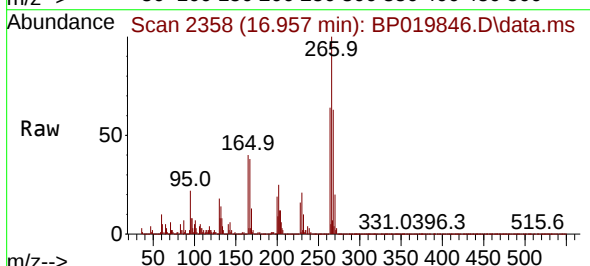
Tgt Ion:266 Resp: 410658

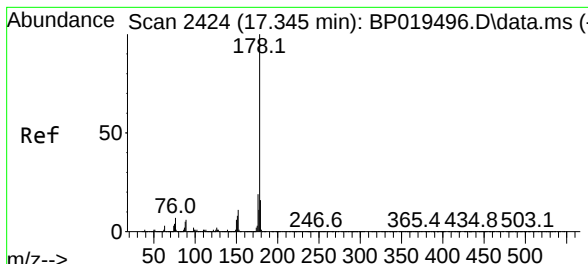
Ion Ratio Lower Upper

266 100

268 63.1 50.3 75.5

264 63.6 49.7 74.5





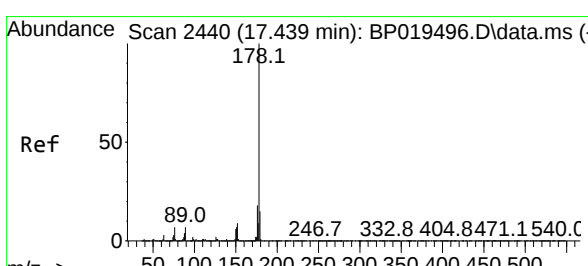
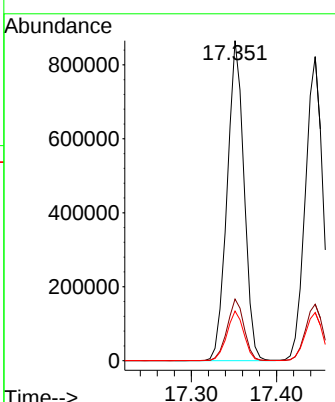
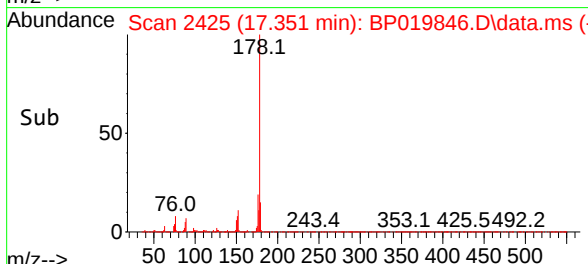
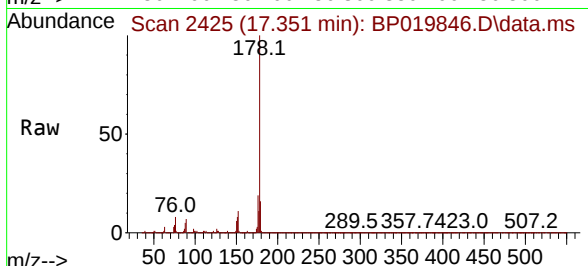
#71
 Phenanthrene
 Concen: 46.044 ng
 RT: 17.351 min Scan# 2424
 Delta R.T. -0.006 min
 Lab File: BP019846.D
 Acq: 23 Feb 2024 16:40

Instrument : BNA_P
 ClientSampleId : 11MS

Tgt Ion:178 Resp: 119609

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.5	12.6	19.0

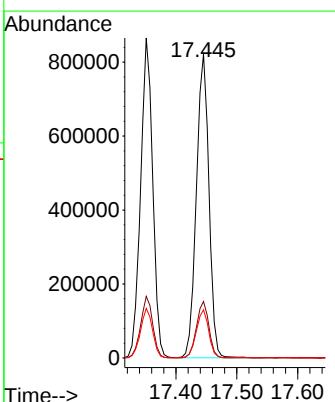
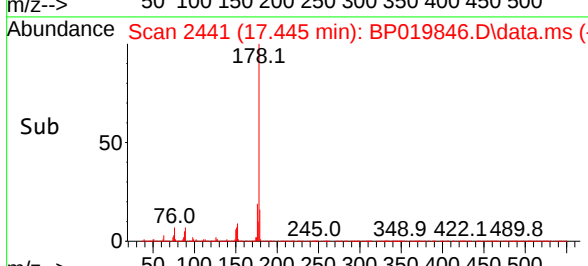
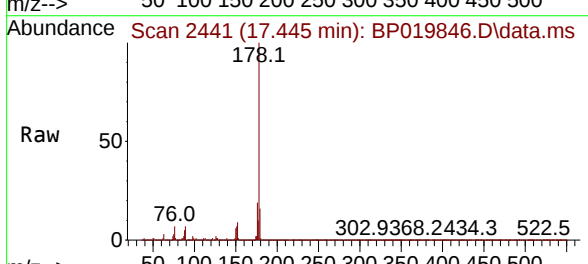
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024

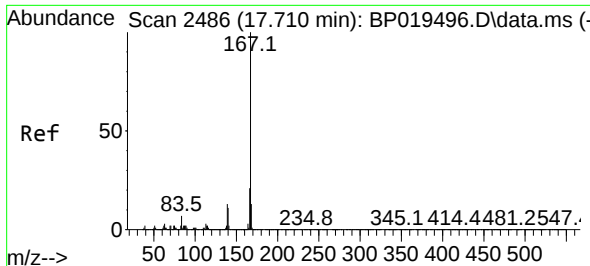


#72
 Anthracene
 Concen: 45.260 ng
 RT: 17.445 min Scan# 2441
 Delta R.T. -0.006 min
 Lab File: BP019846.D
 Acq: 23 Feb 2024 16:40

Tgt Ion:178 Resp: 1172860

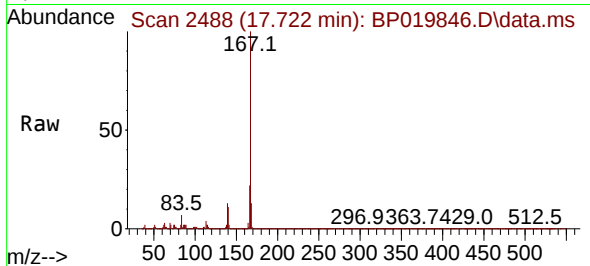
Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.9	12.2	18.2





#73
 Carbazole
 Concen: 42.830 ng
 RT: 17.722 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BP019846.D
 Acq: 23 Feb 2024 16:40

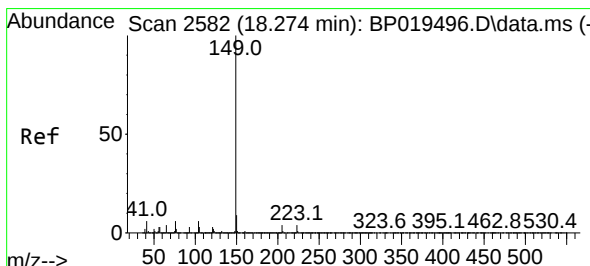
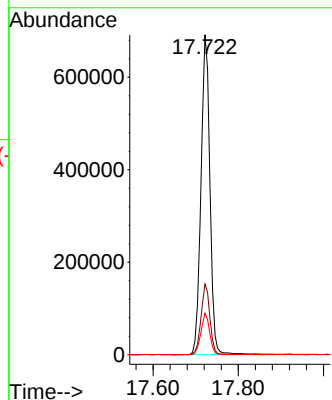
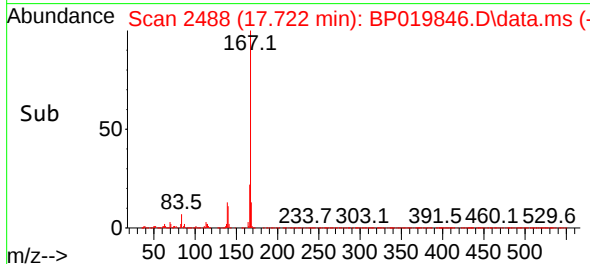
Instrument :
 BNA_P
 ClientSampleId :
 11MS



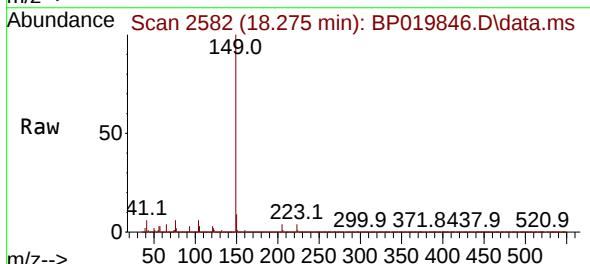
Tgt Ion:167 Resp: 100827
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 13.0 10.6 15.8

Manual Integrations
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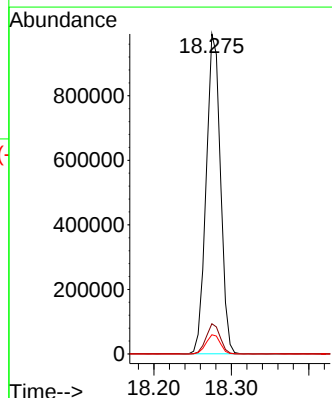
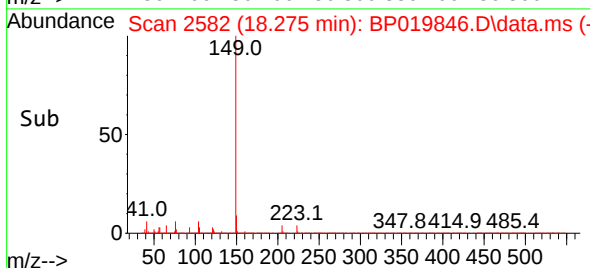
Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024

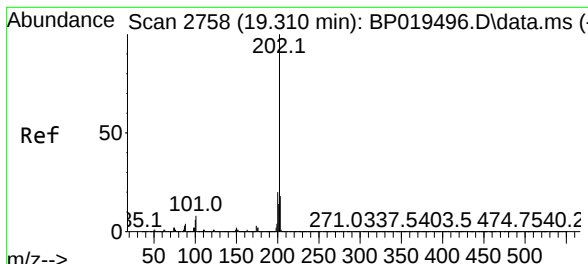


#74
 Di-n-butylphthalate
 Concen: 44.513 ng
 RT: 18.275 min Scan# 2582
 Delta R.T. -0.006 min
 Lab File: BP019846.D
 Acq: 23 Feb 2024 16:40



Tgt Ion:149 Resp: 1267035
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 6.0 4.8 7.2



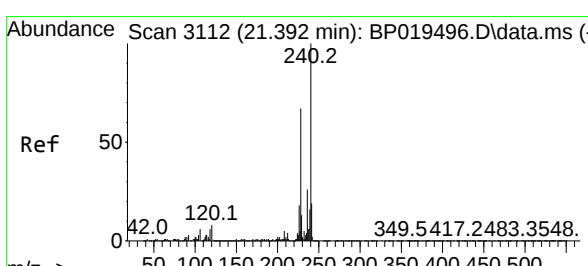
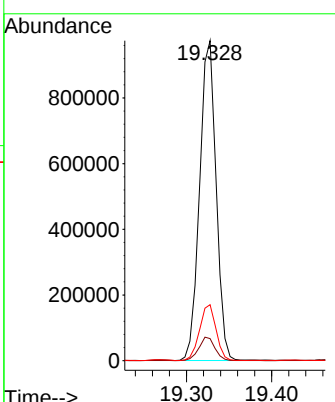
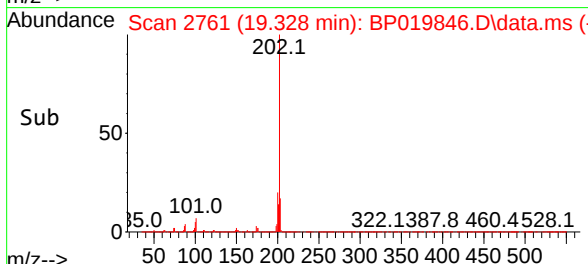
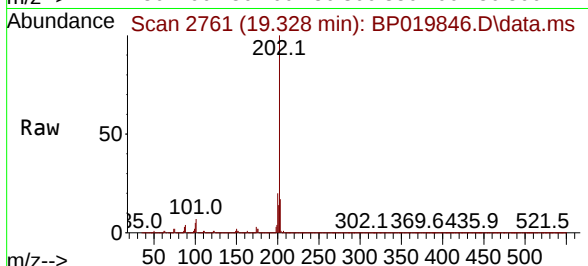


#75
 Fluoranthene
 Concen: 41.363 ng
 RT: 19.328 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: BP019846.D
 Acq: 23 Feb 2024 16:40

Instrument : BNA_P
 ClientSampleId : 11MS

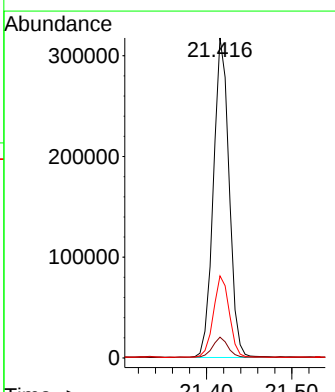
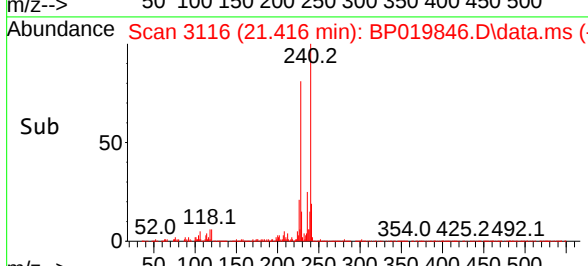
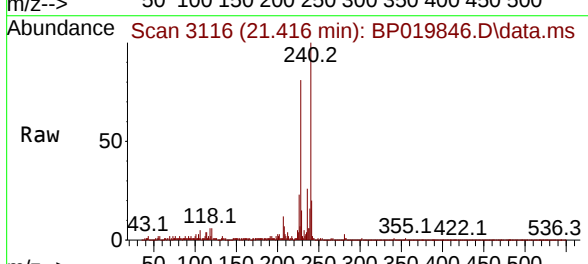
Tgt Ion:	202	Resp:	1312608
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	27.7
203	17.5	0.0	37.5

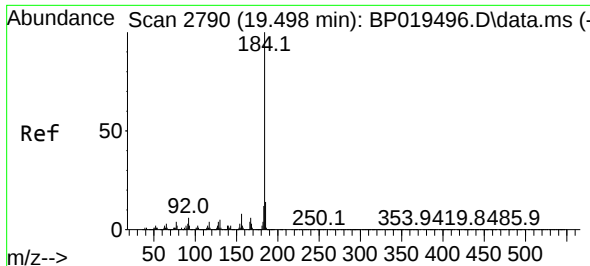
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.416 min Scan# 3116
 Delta R.T. -0.012 min
 Lab File: BP019846.D
 Acq: 23 Feb 2024 16:40

Tgt Ion:	240	Resp:	407086
Ion Ratio	Lower	Upper	
240	100		
120	6.5	6.1	9.1
236	25.6	20.7	31.1





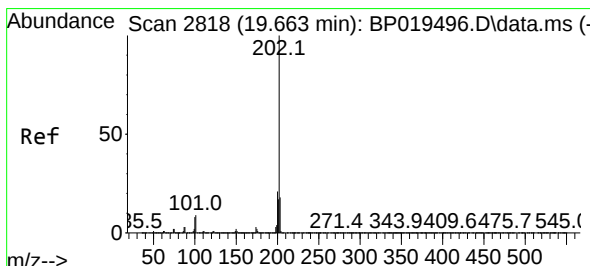
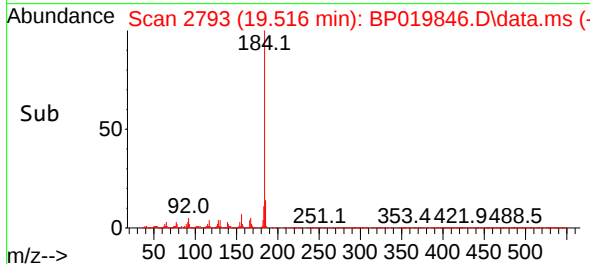
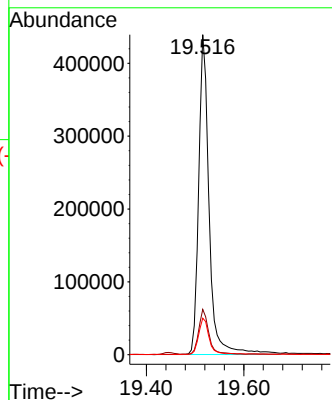
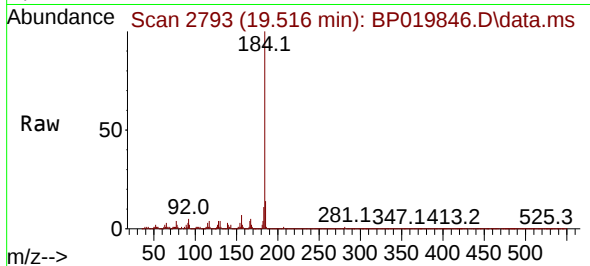
#77
Benzidine
Concen: 77.370 ng
RT: 19.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Instrument :
BNA_P
ClientSampleId :
11MS

Tgt Ion:184 Resp: 658479
Ion Ratio Lower Upper
184 100
185 14.2 11.1 16.7
183 11.4 9.7 14.5

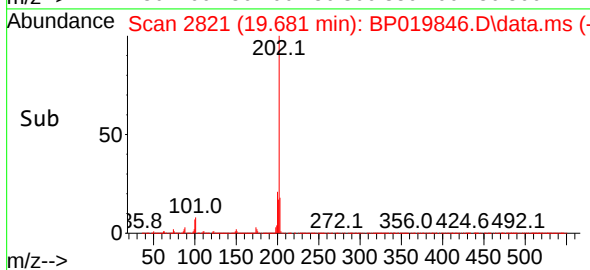
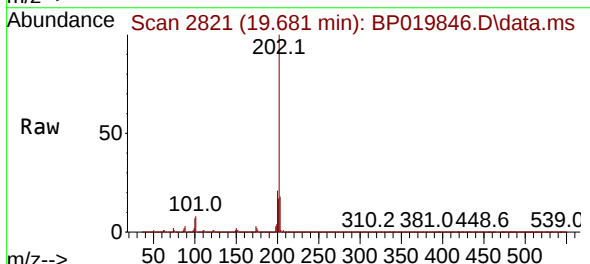
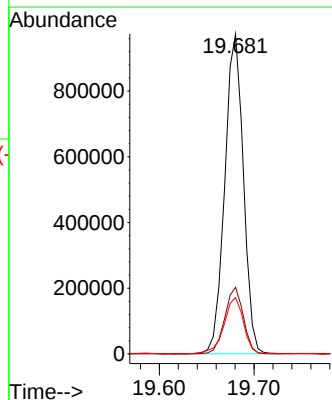
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#78
Pyrene
Concen: 46.298 ng
RT: 19.681 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

Tgt Ion:202 Resp: 1330159
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.6 14.2 21.2





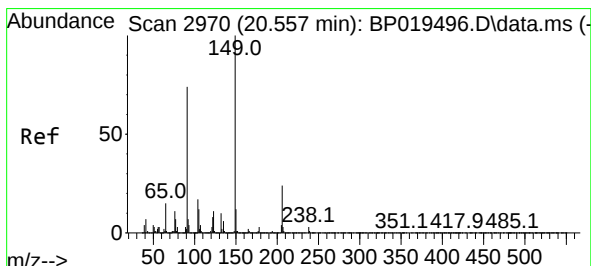
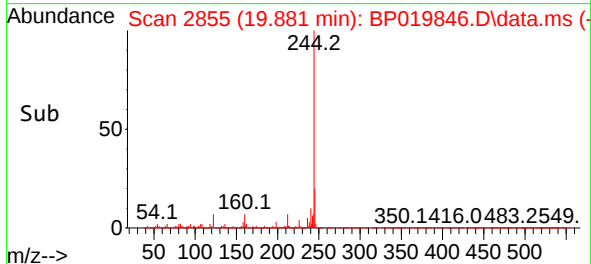
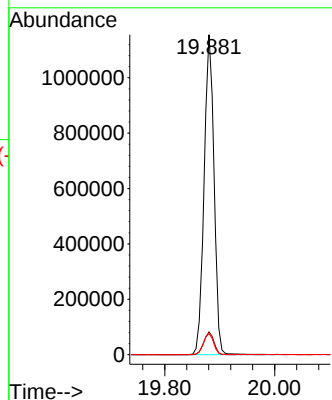
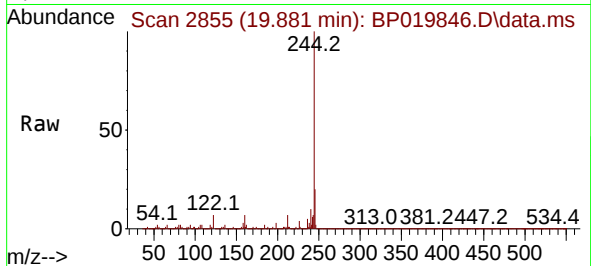
#79
 Terphenyl-d14
 Concen: 58.312 ng
 RT: 19.881 min Scan# 2855
 Delta R.T. -0.012 min
 Lab File: BP019846.D
 Acq: 23 Feb 2024 16:40

Instrument :
 BNA_P
 ClientSampleId :
 11MS

Tgt Ion:244 Resp: 1443430
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.6 5.9 8.9

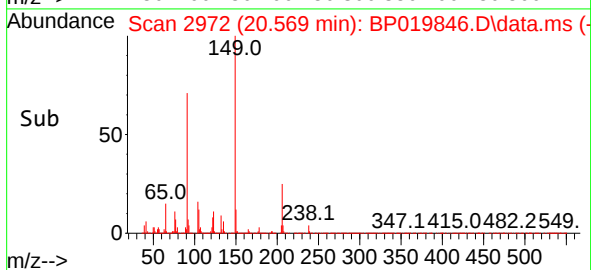
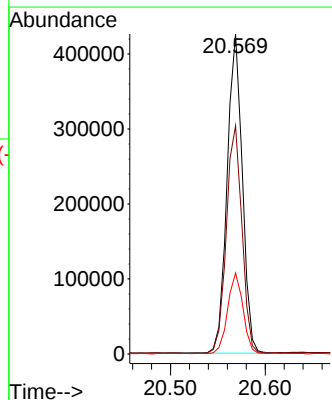
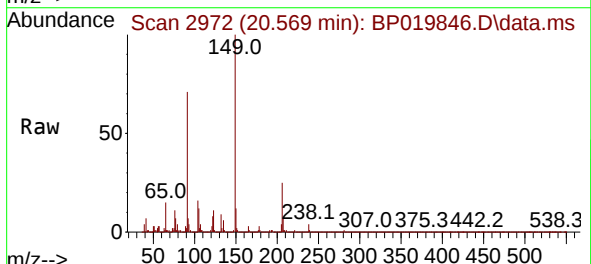
Manual Integrations
 APPROVED

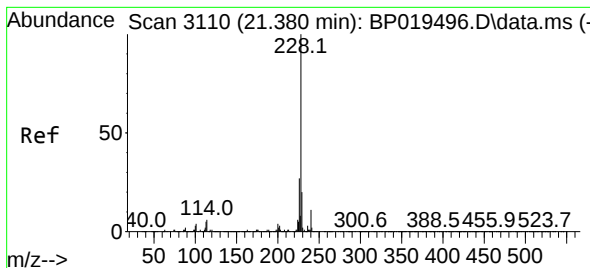
Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024



#80
 Butylbenzylphthalate
 Concen: 44.303 ng
 RT: 20.569 min Scan# 2972
 Delta R.T. -0.006 min
 Lab File: BP019846.D
 Acq: 23 Feb 2024 16:40

Tgt Ion:149 Resp: 475340
 Ion Ratio Lower Upper
 149 100
 91 71.3 59.4 89.0
 206 25.3 19.0 28.6





#81

Benzo(a)anthracene

Concen: 46.597 ng

RT: 21.404 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Instrument :

BNA_P

ClientSampleId :

11MS

Tgt Ion:228 Resp: 1335278

Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

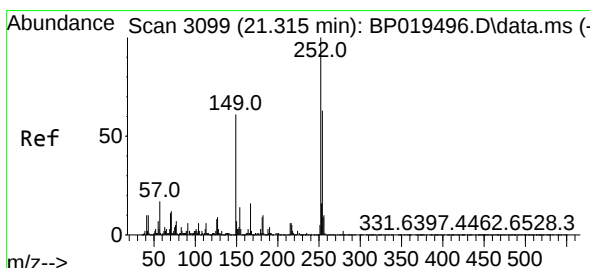
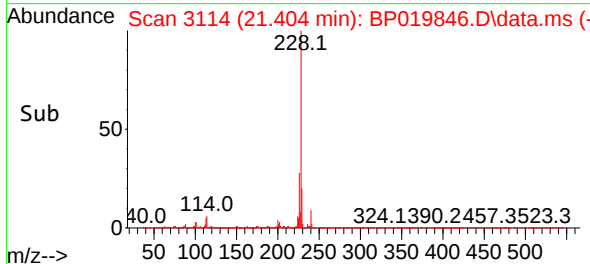
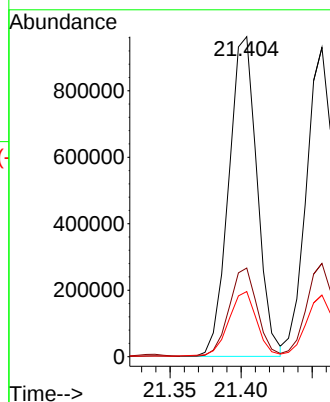
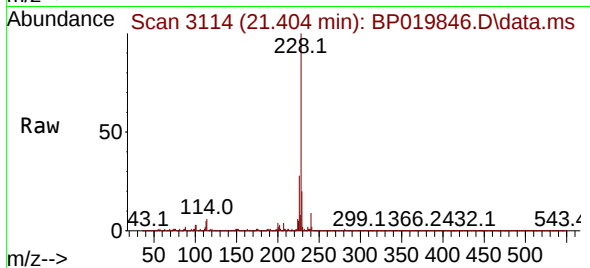
229 20.4 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 43.490 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

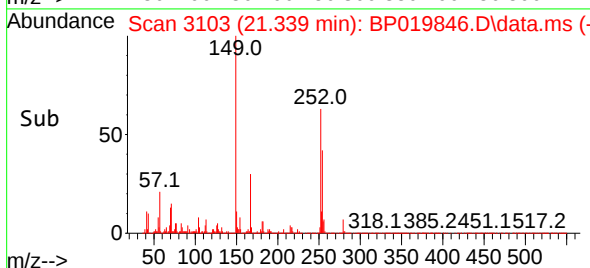
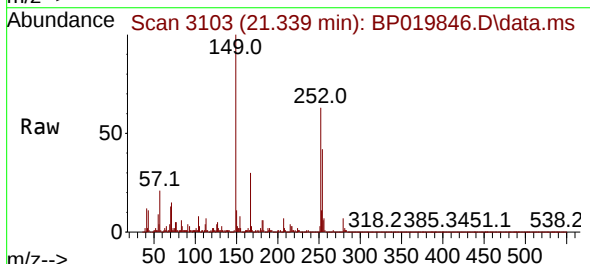
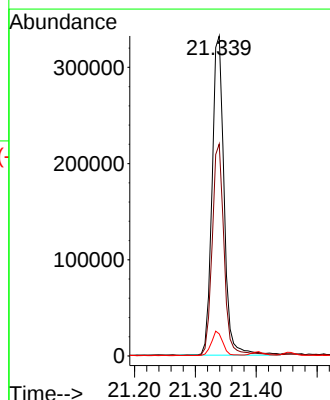
Tgt Ion:252 Resp: 454127

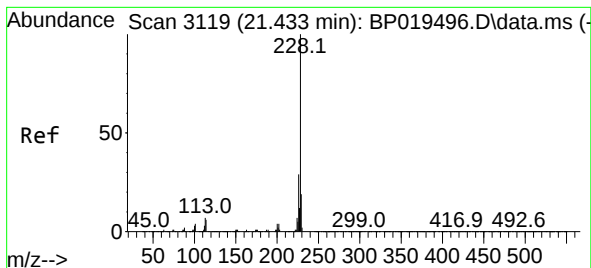
Ion Ratio Lower Upper

252 100

254 66.3 50.7 76.1

126 6.9 6.4 9.6





#83

Chrysene

Concen: 45.316 ng

RT: 21.457 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Instrument :

BNA_P

ClientSampleId :

11MS

Tgt Ion:228 Resp: 123286

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.2

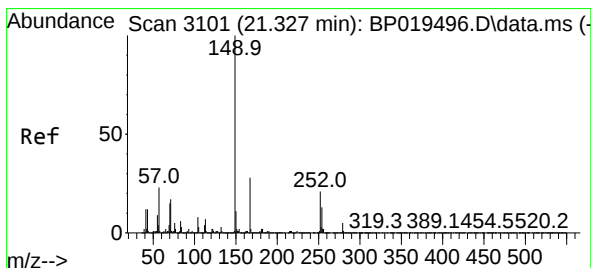
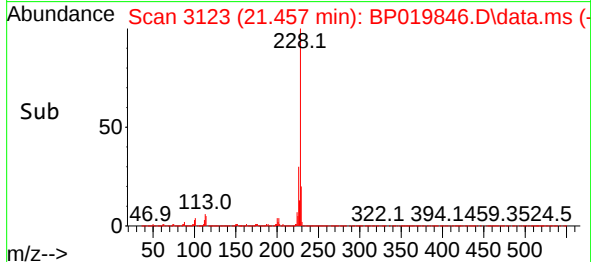
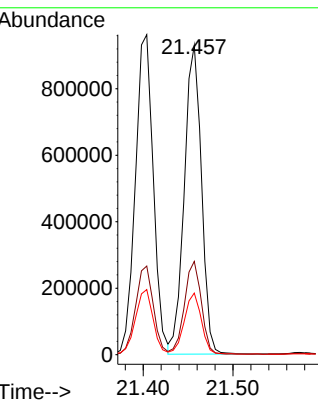
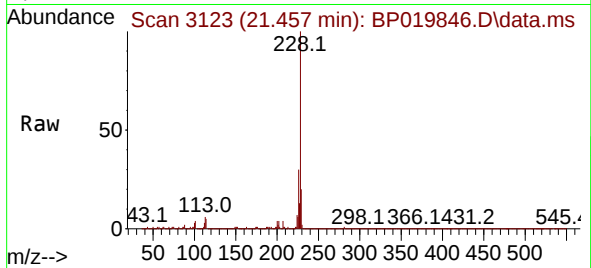
229 19.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.405 ng

RT: 21.333 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

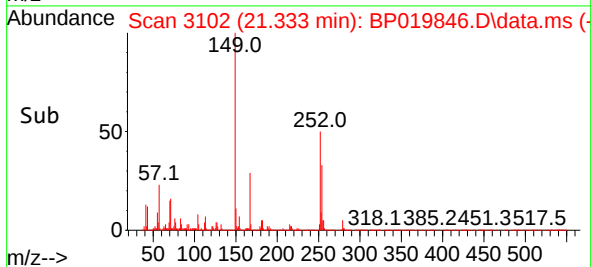
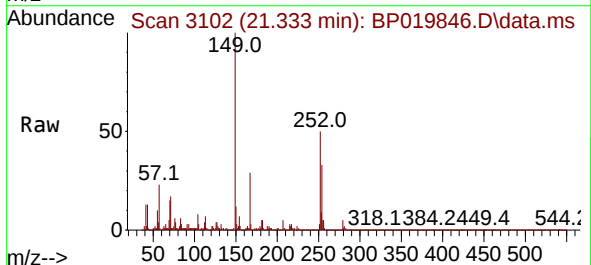
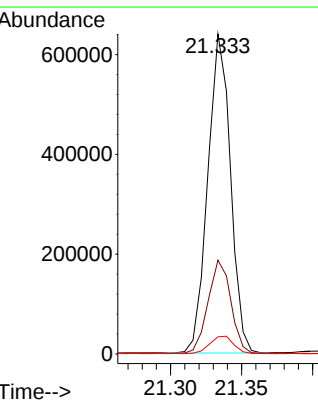
Tgt Ion:149 Resp: 709148

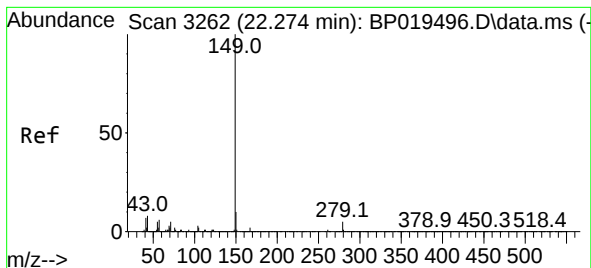
Ion Ratio Lower Upper

149 100

167 29.3 22.7 34.1

279 5.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 43.829 ng

RT: 22.280 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Instrument :

BNA_P

ClientSampleId :

11MS

Tgt Ion:149 Resp: 1259894

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

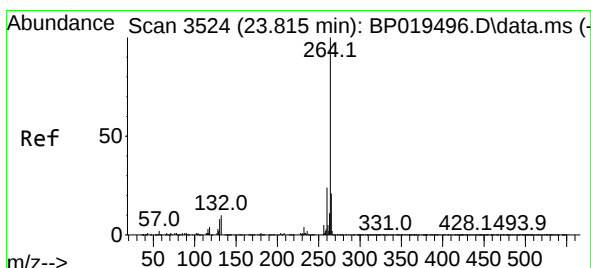
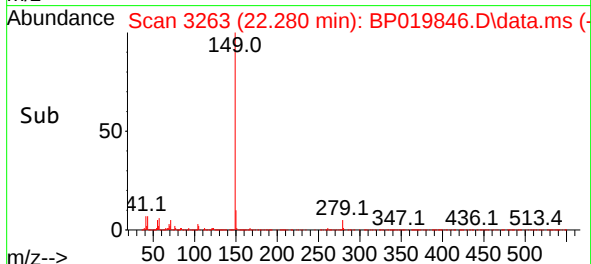
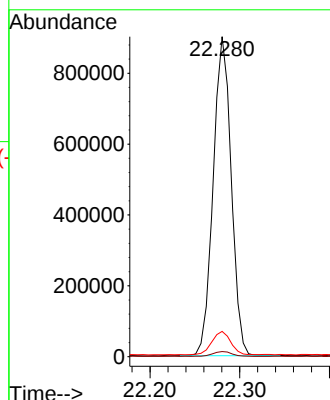
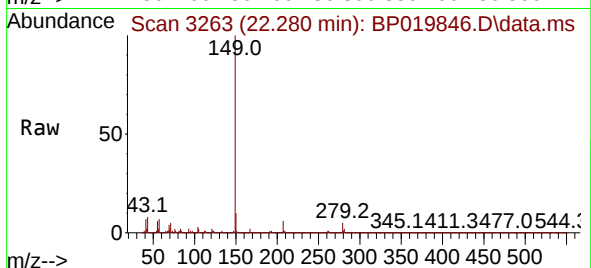
43 7.6 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 3530

Delta R.T. -0.018 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

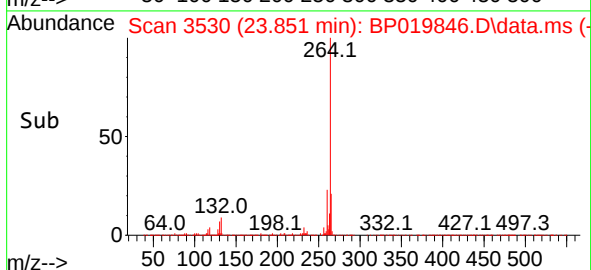
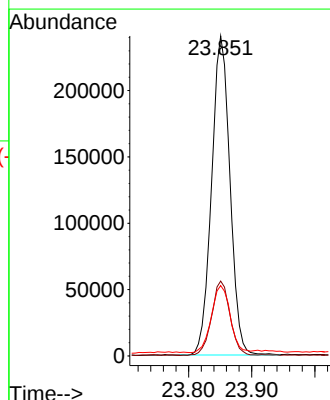
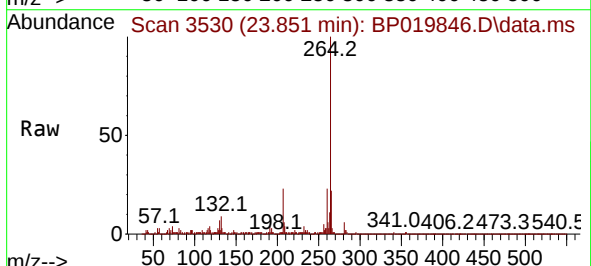
Tgt Ion:264 Resp: 486490

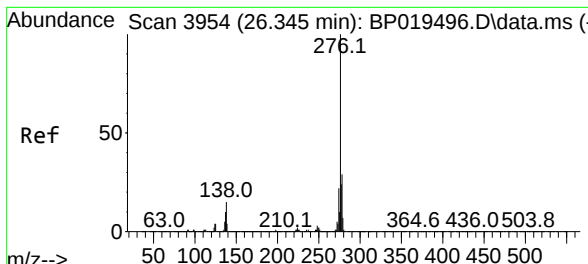
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.0 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.621 ng
 RT: 26.415 min Scan# 3954
 Delta R.T. -0.018 min
 Lab File: BP019846.D
 Acq: 23 Feb 2024 16:40

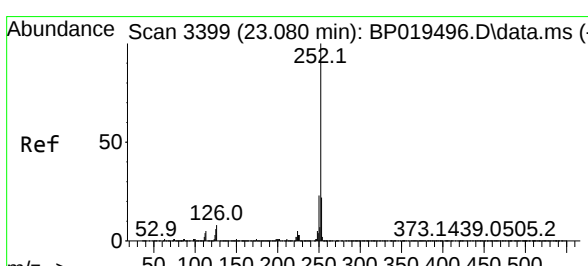
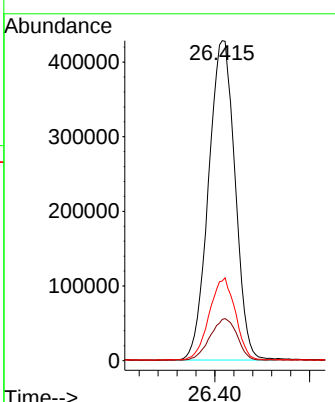
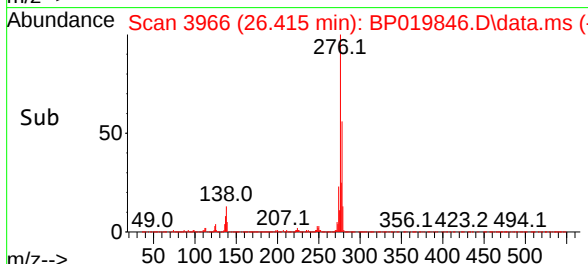
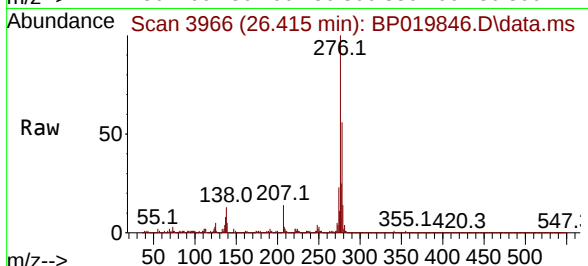
Instrument : BNA_P
 ClientSampleId : 11MS

Tgt Ion: 276 Resp: 1661650

Ion	Ratio	Lower	Upper
276	100		
138	13.3	13.1	19.7
277	25.1	20.3	30.5

Manual Integrations
 APPROVED

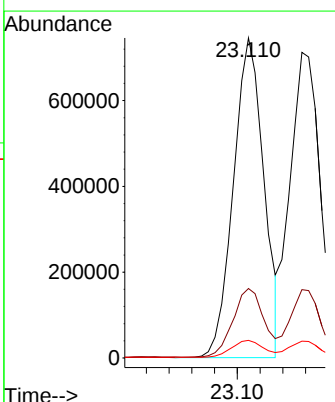
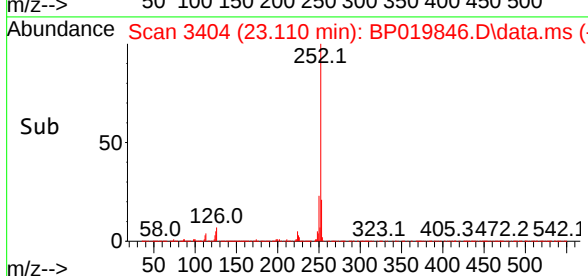
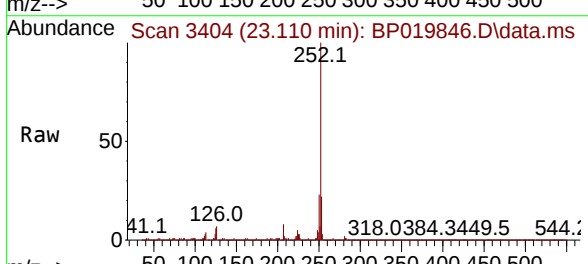
Reviewed By : Yogesh Patel 02/27/2024
 Supervised By : mohammad ahmed 02/27/2024

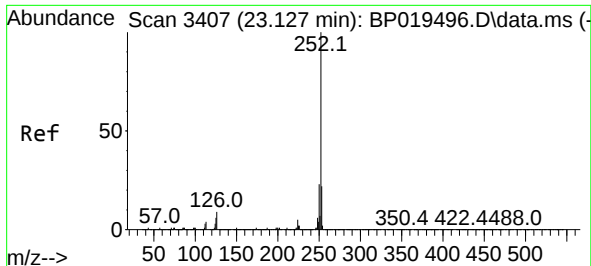


#88
 Benzo(b)fluoranthene
 Concen: 45.162 ng
 RT: 23.110 min Scan# 3404
 Delta R.T. -0.018 min
 Lab File: BP019846.D
 Acq: 23 Feb 2024 16:40

Tgt Ion: 252 Resp: 1384714

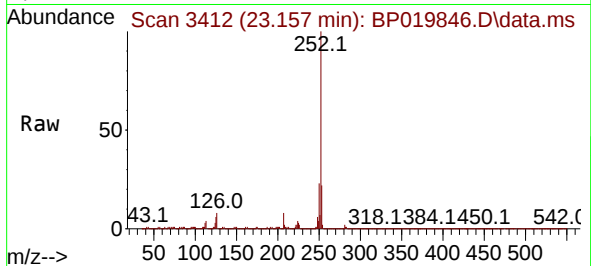
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	5.5	4.9	7.3





#89
Benzo(k)fluoranthene
Concen: 44.746 ng
RT: 23.157 min Scan# 3412
Delta R.T. -0.018 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40

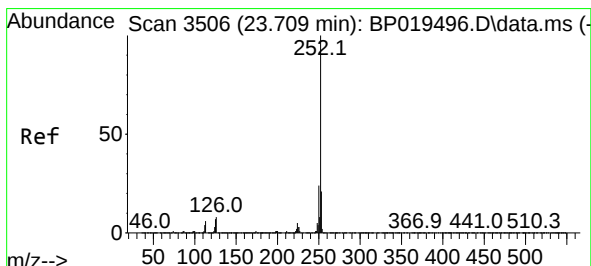
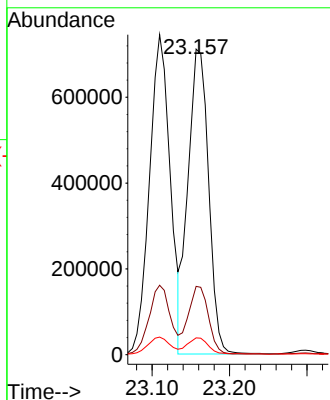
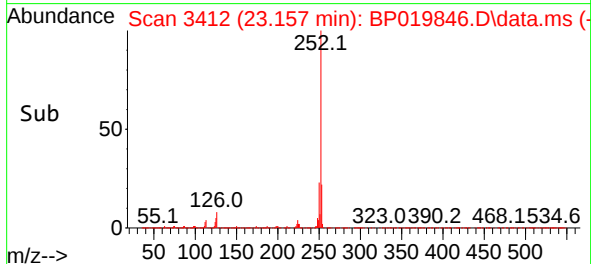
Instrument :
BNA_P
ClientSampleId :
11MS



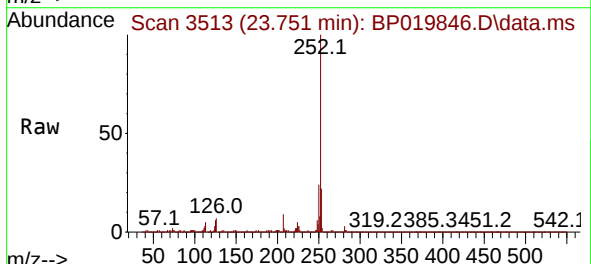
Tgt Ion:252 Resp: 131053
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 5.5 5.0 7.6

Manual Integrations
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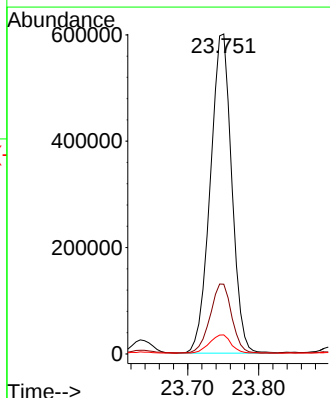
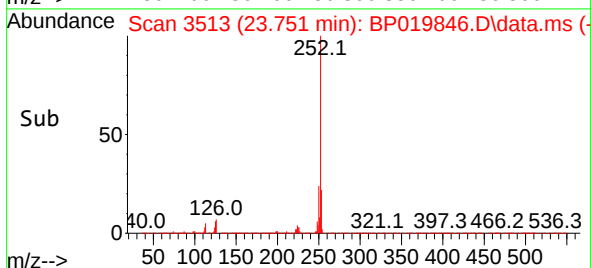
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

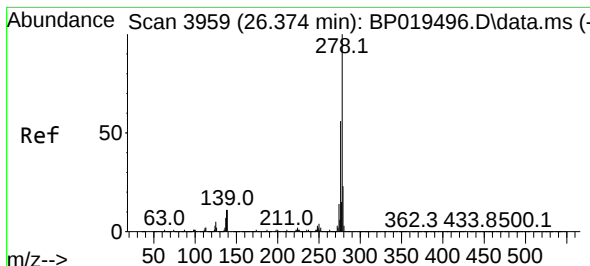


#90
Benzo(a)pyrene
Concen: 46.011 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.012 min
Lab File: BP019846.D
Acq: 23 Feb 2024 16:40



Tgt Ion:252 Resp: 1255243
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 6.0 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 43.675 ng

RT: 26.439 min Scan# 3959

Delta R.T. -0.018 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Instrument :

BNA_P

ClientSampleId :

11MS

Tgt Ion:278 Resp: 1337664

Ion Ratio Lower Upper

278 100

139 8.9 8.6 12.8

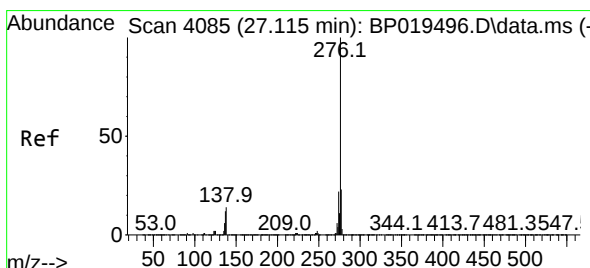
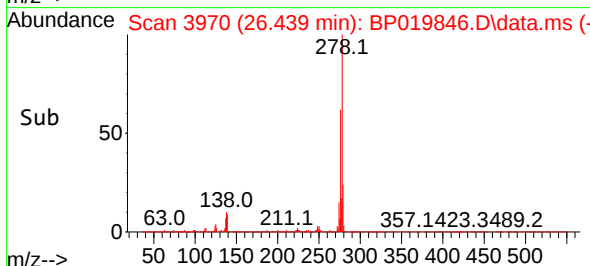
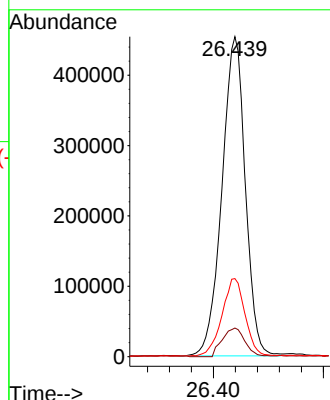
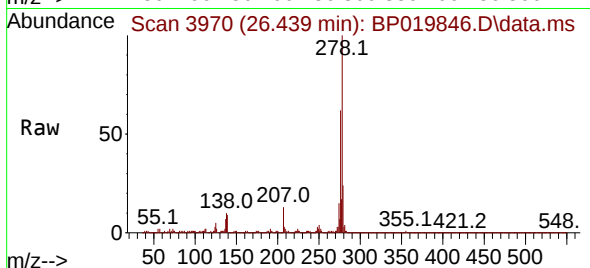
279 24.4 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#92

Benzo(g,h,i)perylene

Concen: 42.073 ng

RT: 27.198 min Scan# 4099

Delta R.T. -0.018 min

Lab File: BP019846.D

Acq: 23 Feb 2024 16:40

Tgt Ion:276 Resp: 1307296

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 11.5 10.9 16.3

