

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019725.D
 Acq On : 15 Feb 2024 16:20
 Operator : MA/JU
 Sample : P1483-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-205MS

Quant Time: Feb 15 16:47:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	83915	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	296257	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	181241	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	396039	20.000	ng	0.00
76) Chrysene-d12	21.392	240	401008	20.000	ng	0.00
86) Perylene-d12	23.810	264	516876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	370937	71.253	ng	-0.01
7) Phenol-d6	7.075	99	475304	67.712	ng	-0.01
23) Nitrobenzene-d5	9.075	82	327905	47.960	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	232149	87.728	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	677577	46.217	ng	-0.02
79) Terphenyl-d14	19.863	244	1036312	42.499	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	73598	36.694	ng	98
3) Pyridine	3.781	79	197617	36.341	ng	96
4) n-Nitrosodimethylamine	3.699	42	100279	42.357	ng	96
6) Aniline	7.234	93	251000	36.800	ng	99
8) 2-Chlorophenol	7.463	128	239939	44.893	ng	96
9) Benzaldehyde	7.052	77	50948m	10.352	ng	
10) Phenol	7.105	94	294106	42.038	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	227993	41.888	ng	97
12) 1,3-Dichlorobenzene	7.787	146	280747	42.928	ng	96
13) 1,4-Dichlorobenzene	7.940	146	289014	43.619	ng	98
14) 1,2-Dichlorobenzene	8.252	146	274295	42.786	ng	97
15) Benzyl Alcohol	8.152	79	238877	42.591	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.428	45	216761	39.825	ng	99
17) 2-Methylphenol	8.352	107	194624	41.321	ng	98
18) Hexachloroethane	8.969	117	107273	41.769	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	182235	38.008	ng	99
20) 3+4-Methylphenols	8.681	107	260917	40.590	ng	98
22) Acetophenone	8.734	105	365233	43.275	ng	# 98
24) Nitrobenzene	9.116	77	283912	41.243	ng	98
25) Isophorone	9.646	82	491700	41.295	ng	99
26) 2-Nitrophenol	9.822	139	129785	49.447	ng	99
27) 2,4-Dimethylphenol	9.887	122	171032	50.959	ng	97
28) bis(2-Chloroethoxy)met...	10.128	93	279574	41.499	ng	99
29) 2,4-Dichlorophenol	10.357	162	231218	45.574	ng	98
30) 1,2,4-Trichlorobenzene	10.563	180	280972	45.167	ng	99
31) Naphthalene	10.752	128	702111	43.211	ng	100
32) Benzoic acid	10.040	122	157606	48.197	ng	98
33) 4-Chloroaniline	10.875	127	104361	17.368	ng	99
34) Hexachlorobutadiene	11.022	225	205556	44.591	ng	99
35) Caprolactam	11.681	113	65080	45.312	ng	98
36) 4-Chloro-3-methylphenol	11.999	107	241575	43.668	ng	98
37) 2-Methylnaphthalene	12.363	142	484353	43.074	ng	100
38) 1-Methylnaphthalene	12.581	142	456312	41.294	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	337034	48.218	ng	99
41) Hexachlorocyclopentadiene	12.693	237	379622	120.223	ng	100
43) 2,4,6-Trichlorophenol	12.975	196	206980	48.903	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	220890	47.528	ng	97
46) 1,1'-Biphenyl	13.375	154	642730	44.432	ng	100
47) 2-Chloronaphthalene	13.416	162	517272	43.562	ng	97
48) 2-Nitroaniline	13.634	65	152334	45.879	ng	96
49) Acenaphthylene	14.263	152	808661	48.541	ng	100
50) Dimethylphthalate	14.010	163	629343	45.360	ng	99
51) 2,6-Dinitrotoluene	14.134	165	138908	45.569	ng	92
52) Acenaphthene	14.604	154	452945	43.806	ng	99
53) 3-Nitroaniline	14.463	138	104565	37.326	ng	94
54) 2,4-Dinitrophenol	14.669	184	164527	103.952	ng	98
55) Dibenzofuran	14.940	168	764350	45.388	ng	99
56) 4-Nitrophenol	14.769	139	219825	95.736	ng	96
57) 2,4-Dinitrotoluene	14.922	165	191676	47.983	ng	98
58) Fluorene	15.592	166	611103	45.561	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	207177	52.996	ng	95
60) Diethylphthalate	15.375	149	608629	44.102	ng	99
61) 4-Chlorophenyl-phenyle...	15.587	204	342945	45.491	ng	96
62) 4-Nitroaniline	15.622	138	128462	43.748	ng	94
63) Azobenzene	15.881	77	568232	42.580	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	110637	48.993	ng	95
66) n-Nitrosodiphenylamine	15.810	169	524989	44.262	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	225812	45.610	ng	96
68) Hexachlorobenzene	16.587	284	264134	45.685	ng	95
69) Atrazine	16.775	200	209232	53.160	ng	98
70) Pentachlorophenol	16.939	266	362930	100.801	ng	99
71) Phenanthrene	17.339	178	958408	45.984	ng	99
72) Anthracene	17.434	178	968619	46.588	ng	100
73) Carbazole	17.710	167	847685	44.880	ng	99
74) Di-n-butylphthalate	18.263	149	971283	42.530	ng	99
75) Fluoranthene	19.310	202	1175077	46.152	ng	99
77) Benzidine	19.498	184	589249	70.285	ng	100
78) Pyrene	19.657	202	1215729	42.956	ng	99
80) Butylbenzylphthalate	20.545	149	432435	40.915	ng	98
81) Benzo(a)anthracene	21.375	228	1311750	46.470	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	450265	43.773	ng	99
83) Chrysene	21.427	228	1206451	45.017	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	602531	37.438	ng	100
85) Di-n-octyl phthalate	22.251	149	1065147	37.616	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1810978	45.772	ng	97
88) Benzo(b)fluoranthene	23.074	252	1452039	44.573	ng	99
89) Benzo(k)fluoranthene	23.122	252	1379064	44.317	ng	98
90) Benzo(a)pyrene	23.704	252	1333989	46.023	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1483855	45.600	ng	98
92) Benzo(g,h,i)perylene	27.127	276	1429066	43.289	ng	97

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

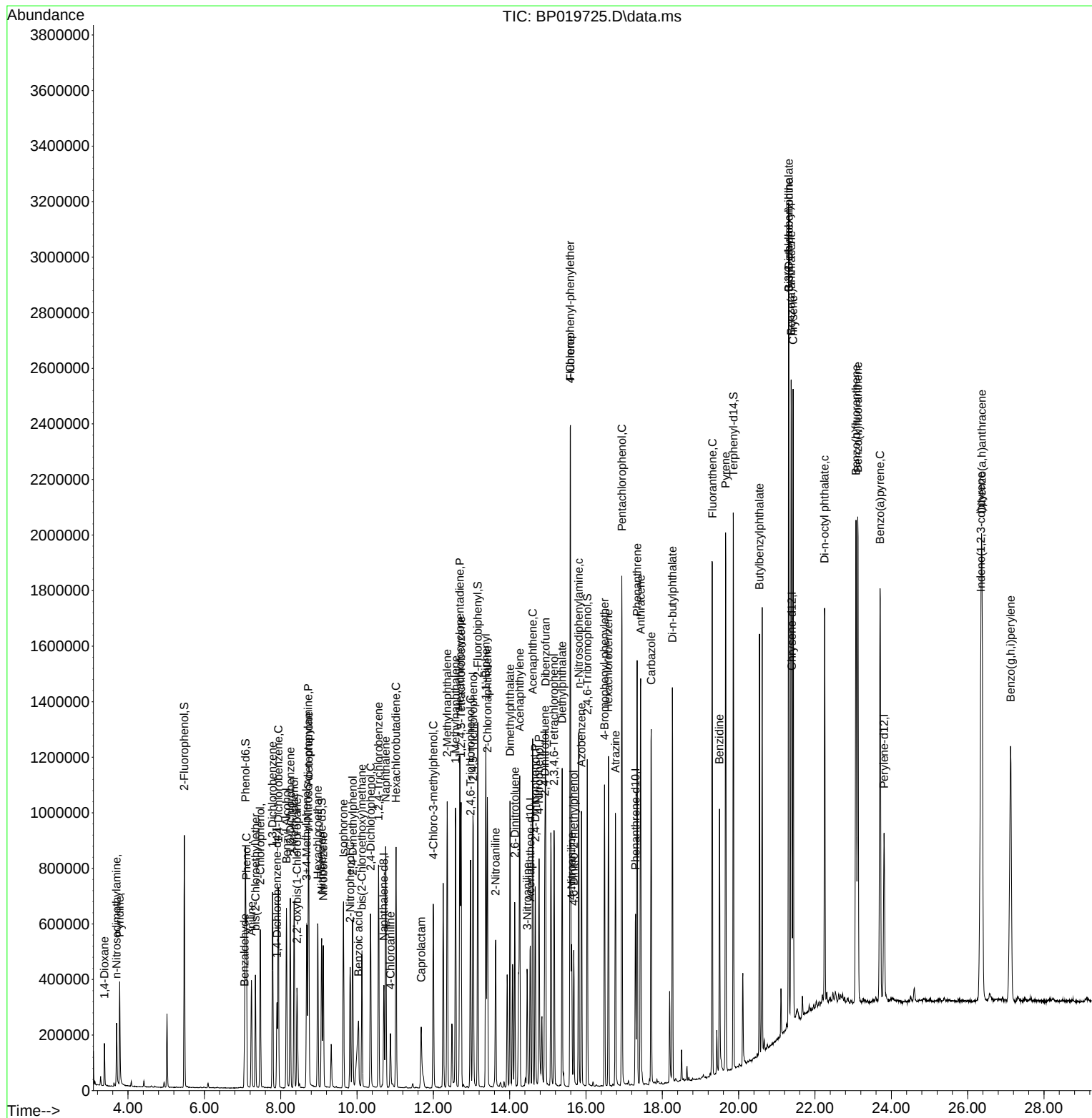
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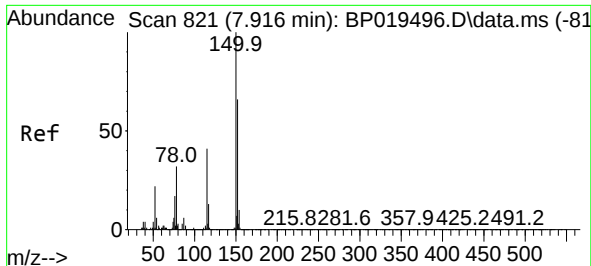
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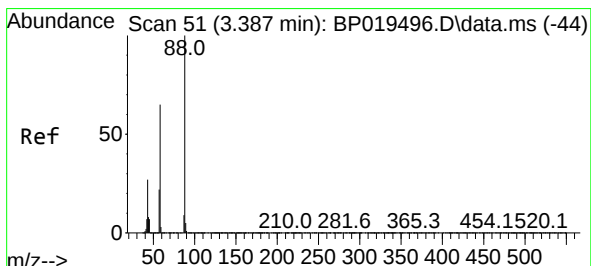
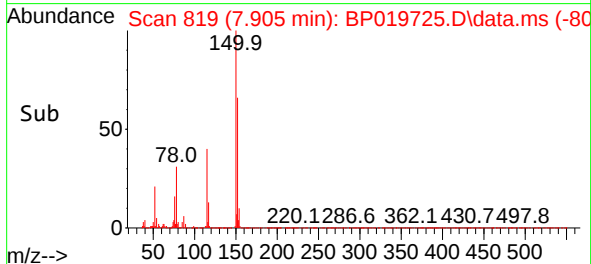
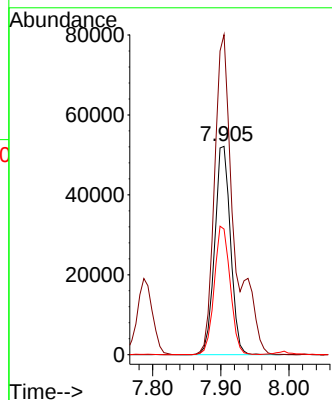
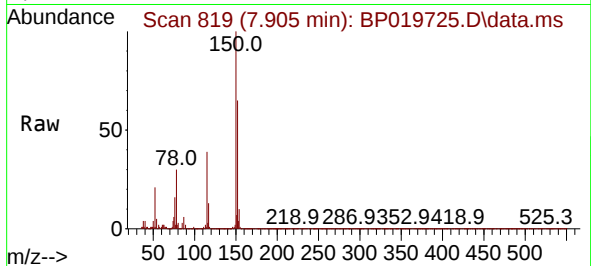
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :
BNA_P
ClientSampleId :
VNJ-205MS

Tgt Ion:152 Resp: 8391
Ion Ratio Lower Upper
152 100
150 153.6 121.8 182.8
115 60.3 49.9 74.9

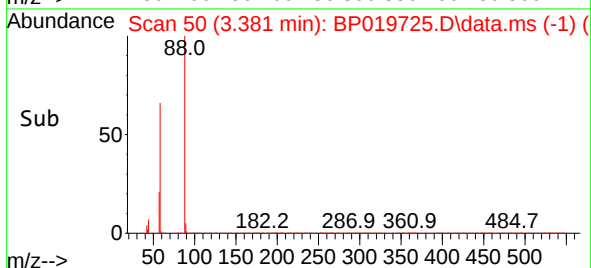
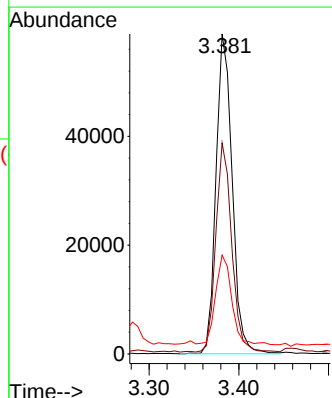
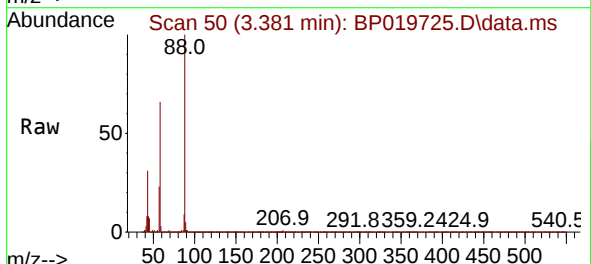
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#2
1,4-Dioxane
Concen: 36.694 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

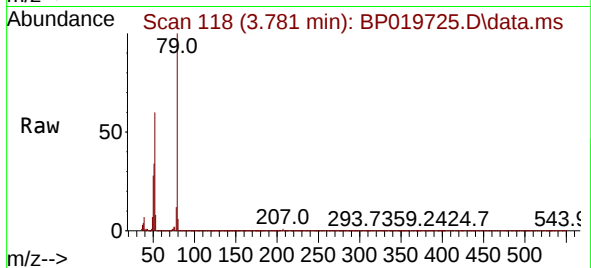
Tgt Ion: 88 Resp: 73598
Ion Ratio Lower Upper
88 100
58 63.9 52.6 78.8
43 27.7 21.9 32.9





#3
Pyridine
Concen: 36.341 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

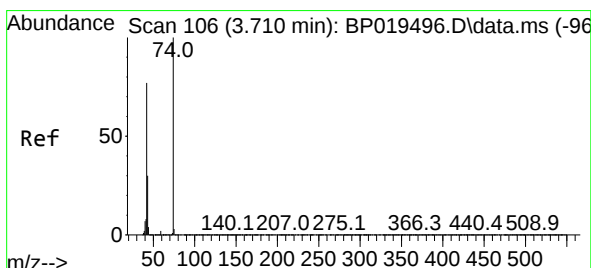
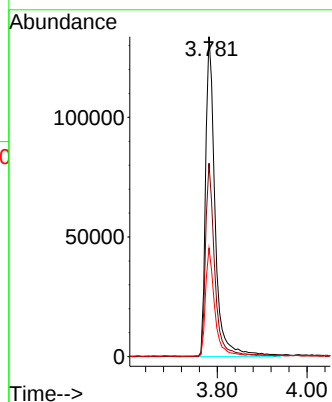
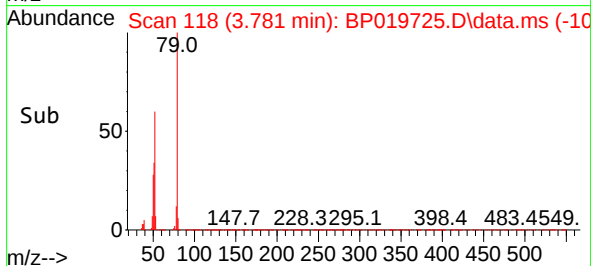
Instrument :
BNA_P
ClientSampleId :
VNJ-205MS



Tgt Ion: 79 Resp: 19761
Ion Ratio Lower Upper
79 100
52 60.4 45.0 67.6
51 34.0 26.8 40.2

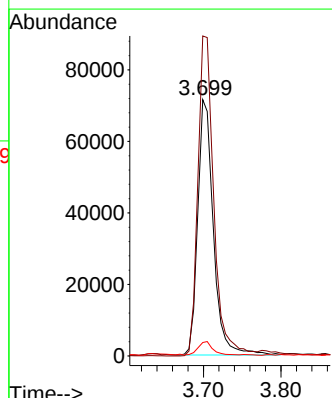
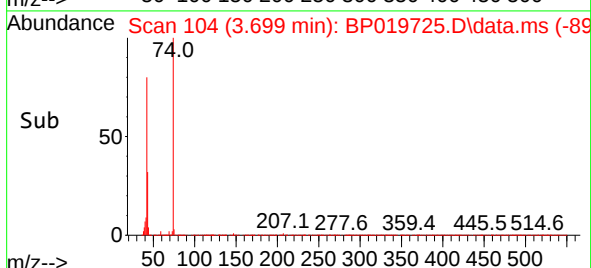
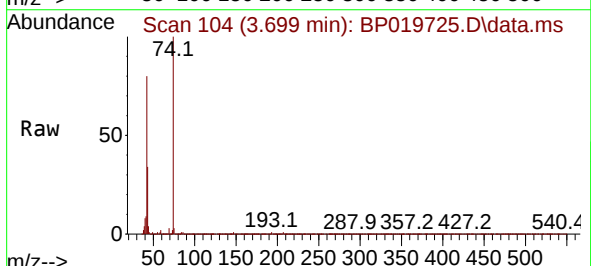
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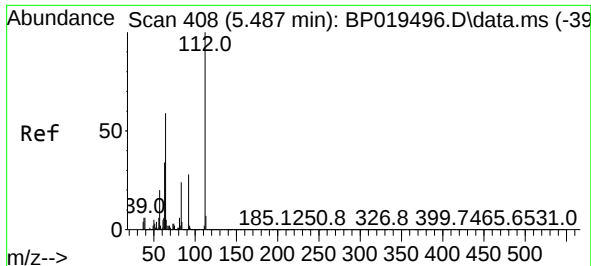
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Supervised By :mohammad ahmed 02/17/2024



#4
n-Nitrosodimethylamine
Concen: 42.357 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion: 42 Resp: 100279
Ion Ratio Lower Upper
42 100
74 124.8 103.4 155.2
44 5.3 4.8 7.2





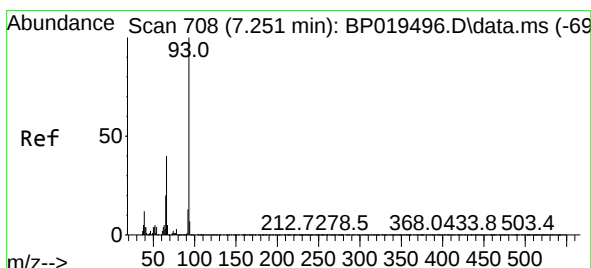
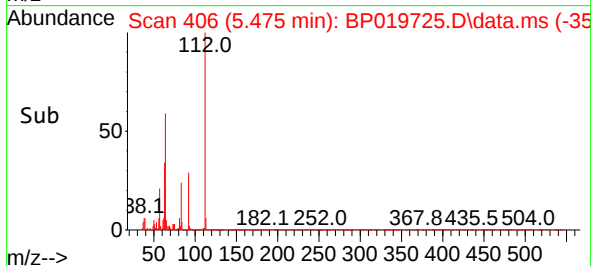
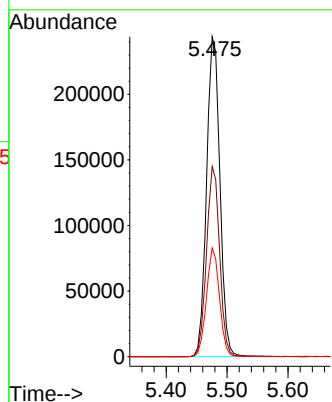
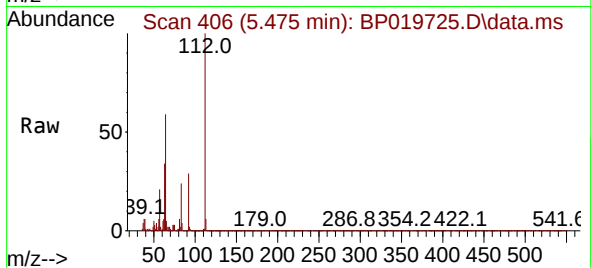
#5
2-Fluorophenol
Concen: 71.253 ng
RT: 5.475 min Scan# 408
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :
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ClientSampleId :
VNJ-205MS

Tgt Ion:112 Resp: 37093
Ion Ratio Lower Upper
112 100
64 59.4 47.4 71.0
63 34.0 27.0 40.6

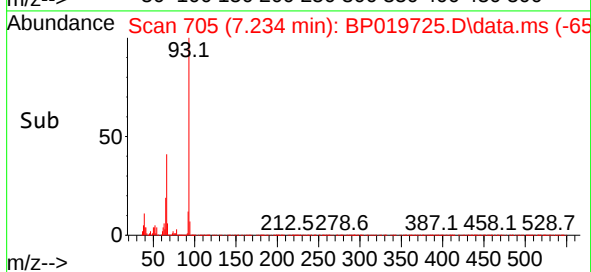
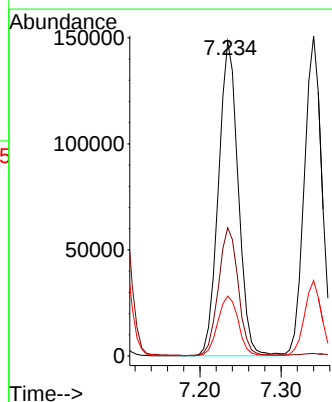
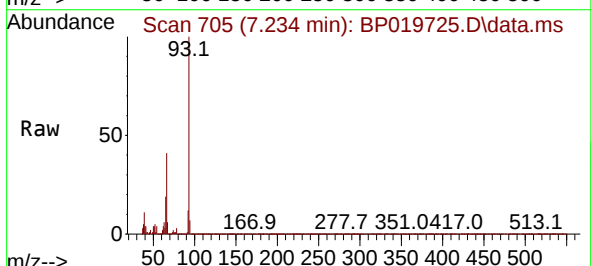
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#6
Aniline
Concen: 36.800 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.017 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

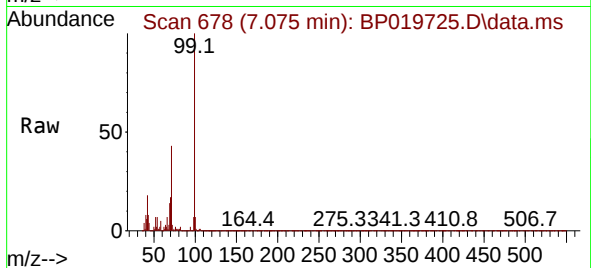
Tgt Ion: 93 Resp: 251000
Ion Ratio Lower Upper
93 100
66 40.7 32.3 48.5
65 19.0 16.4 24.6





#7
Phenol-d6
Concen: 67.712 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

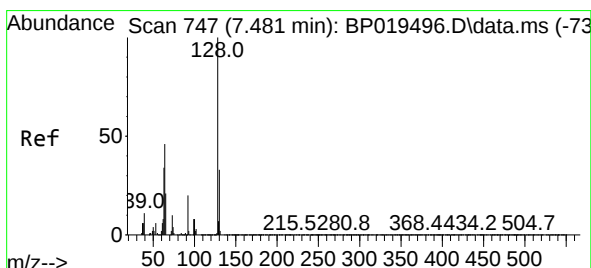
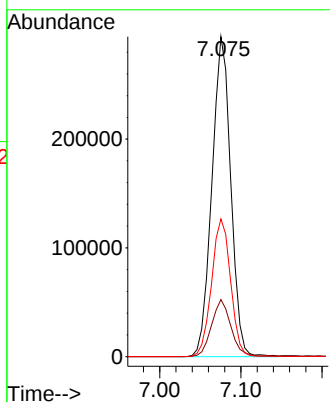
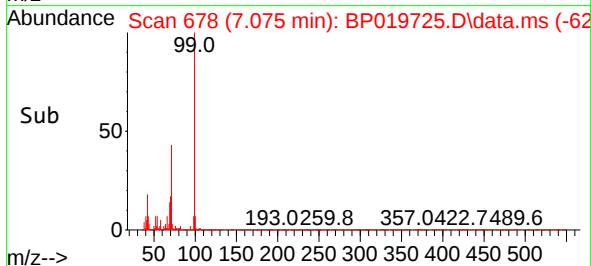
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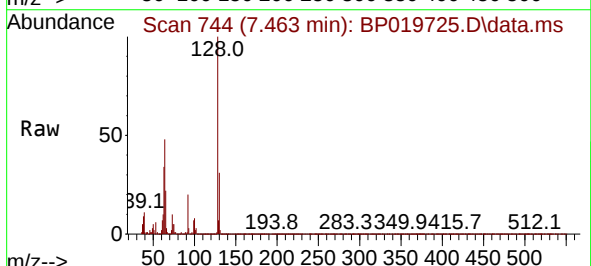
Tgt Ion: 99 Resp: 475304
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 43.1 34.8 52.2

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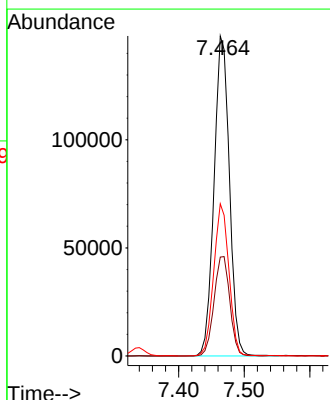
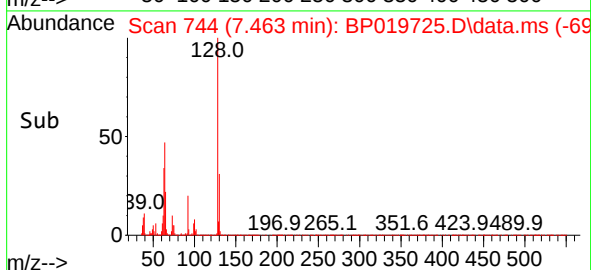
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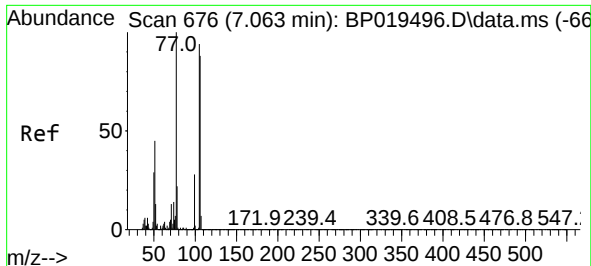


#8
2-Chlorophenol
Concen: 44.893 ng
RT: 7.463 min Scan# 744
Delta R.T. -0.017 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20



Tgt Ion:128 Resp: 239939
Ion Ratio Lower Upper
128 100
130 30.9 13.3 53.3
64 47.6 29.7 69.7





#9
Benzaldehyde
Concen: 10.352 ng m
RT: 7.052 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

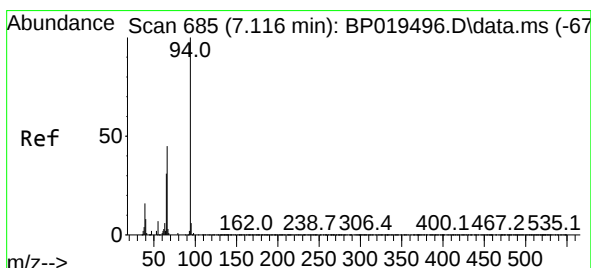
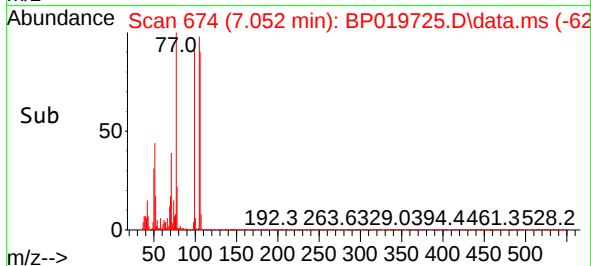
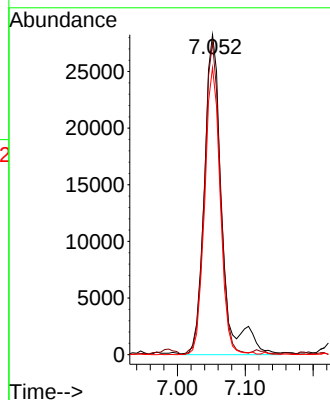
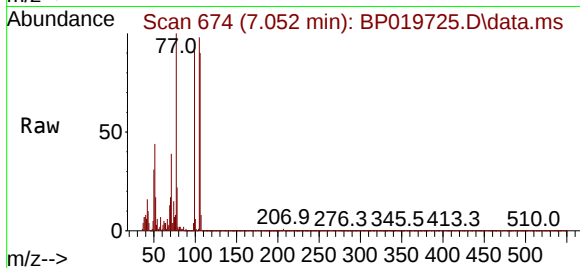
ClientSampleId :

VNJ-205MS

Tgt Ion: 77 Resp: 50948
Ion Ratio Lower Upper
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105 97.6 74.0 114.0
106 89.7 67.8 107.8

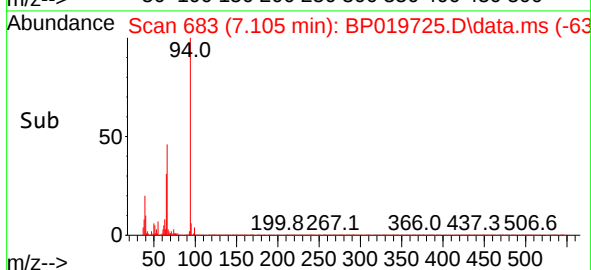
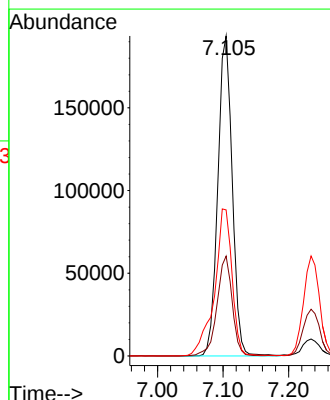
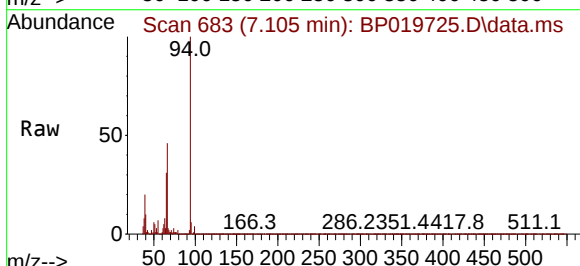
Manual Integrations
APPROVED

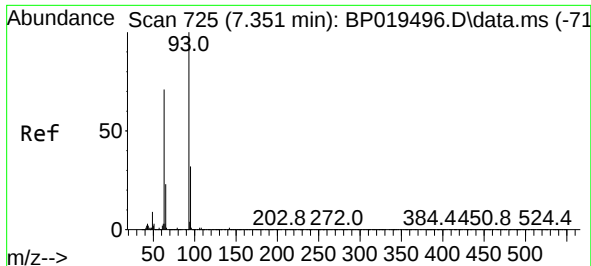
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#10
Phenol
Concen: 42.038 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

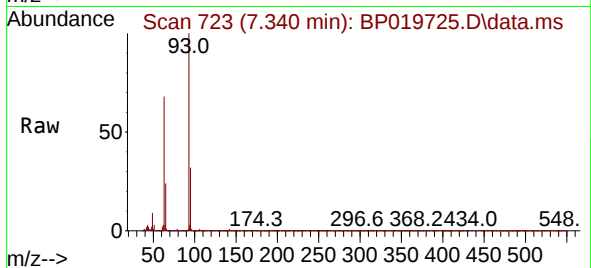
Tgt Ion: 94 Resp: 294106
Ion Ratio Lower Upper
94 100
65 31.2 11.3 51.3
66 45.7 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 41.888 ng
RT: 7.340 min Scan# 701
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

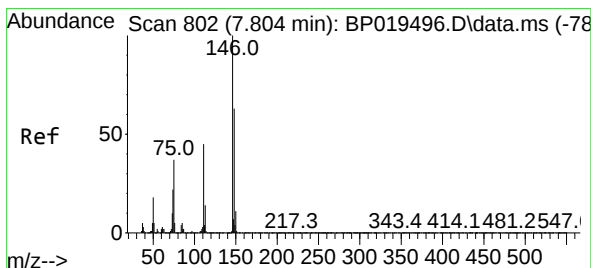
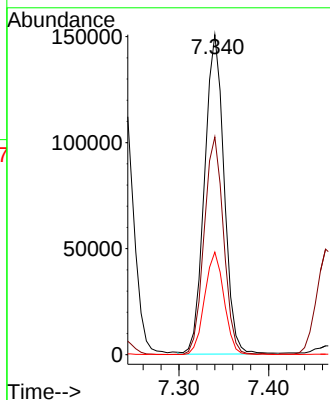
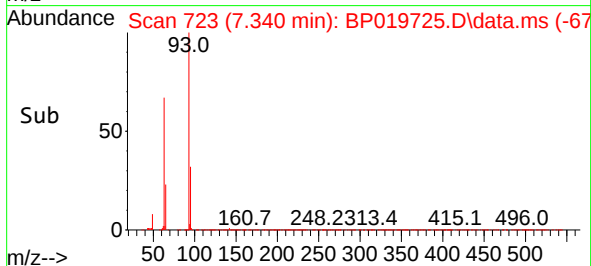
Instrument :
BNA_P
ClientSampleId :
VNJ-205MS



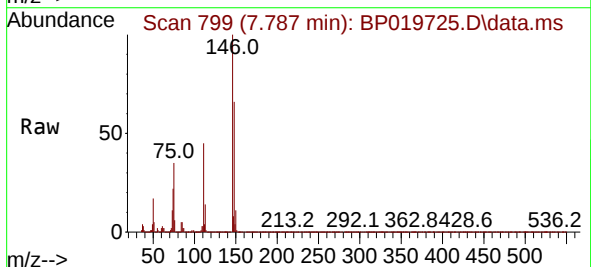
Tgt Ion: 93 Resp: 227993
Ion Ratio Lower Upper
93 100
63 68.1 51.2 91.2
95 32.1 11.8 51.8

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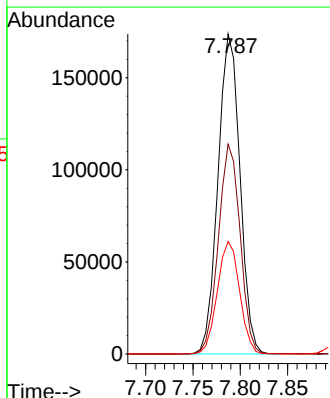
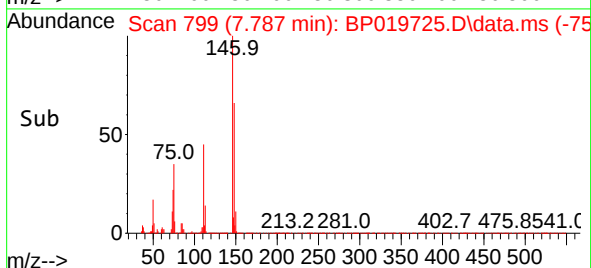
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#12
1,3-Dichlorobenzene
Concen: 42.928 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.017 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20



Tgt Ion:146 Resp: 280747
Ion Ratio Lower Upper
146 100
148 65.6 50.4 75.6
75 35.2 29.9 44.9





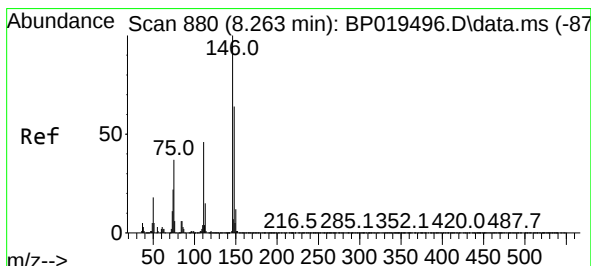
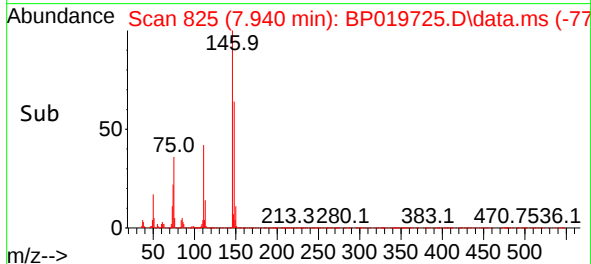
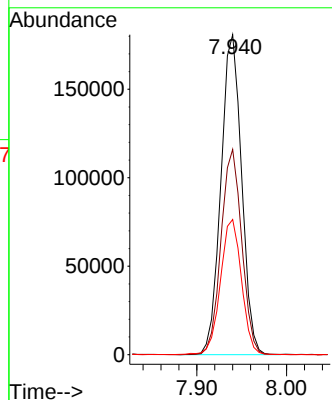
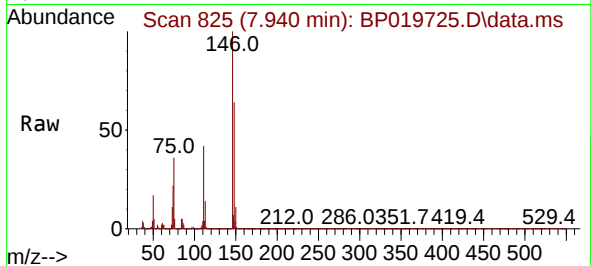
#13
1,4-Dichlorobenzene
Concen: 43.619 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :
BNA_P
ClientSampleId :
VNJ-205MS

Tgt Ion:146 Resp: 289014
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
111 42.3 35.8 53.6

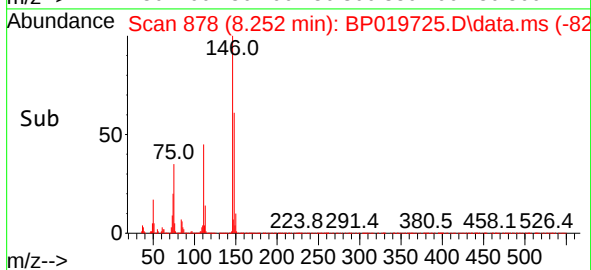
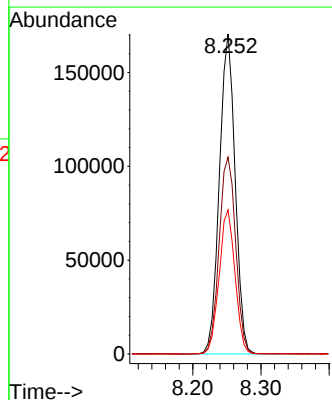
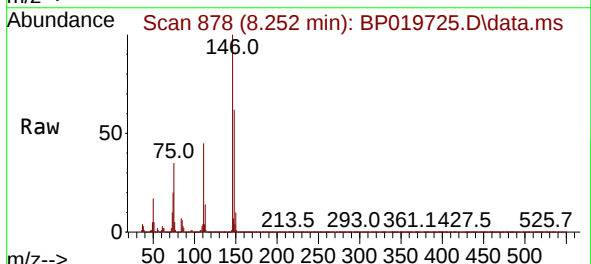
Manual Integrations
APPROVED

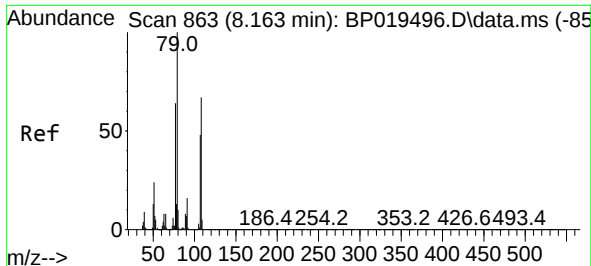
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#14
1,2-Dichlorobenzene
Concen: 42.786 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:146 Resp: 274295
Ion Ratio Lower Upper
146 100
148 61.5 51.4 77.0
111 45.0 37.0 55.6





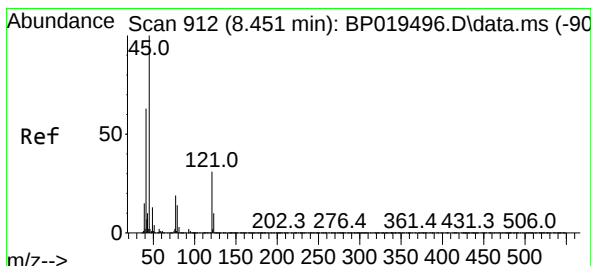
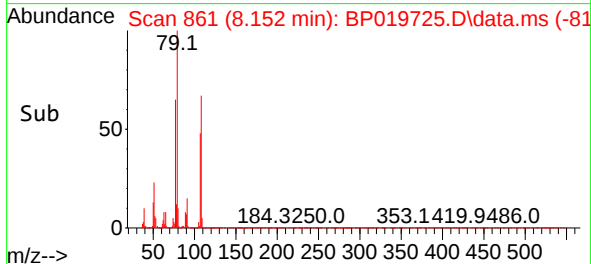
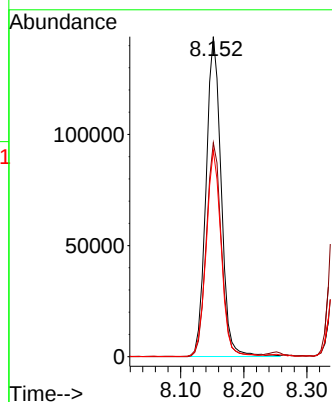
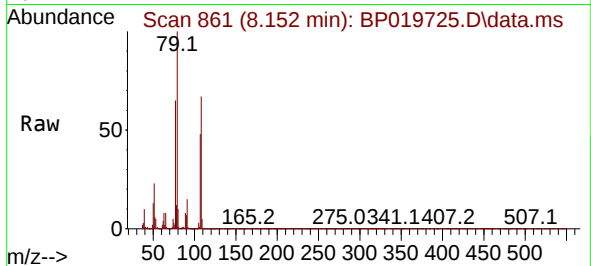
#15
Benzyl Alcohol
Concen: 42.591 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :
BNA_P
ClientSampleId :
VNJ-205MS

Tgt Ion: 79 Resp: 23887
Ion Ratio Lower Upper
79 100
108 66.8 53.8 80.6
77 64.5 51.3 76.9

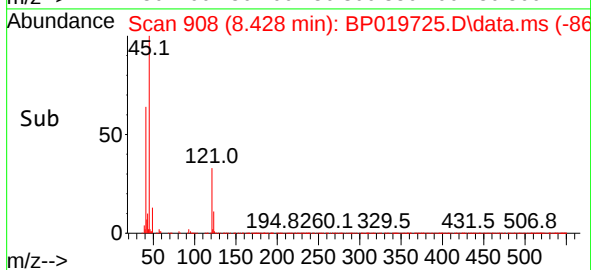
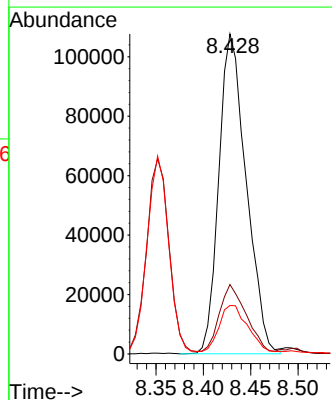
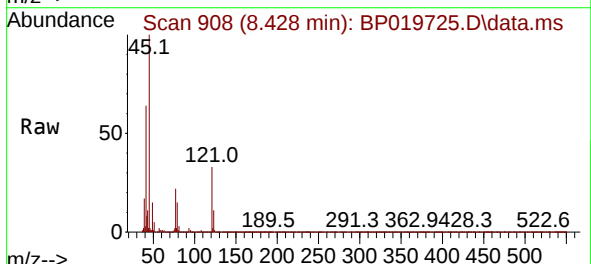
Manual Integrations
APPROVED

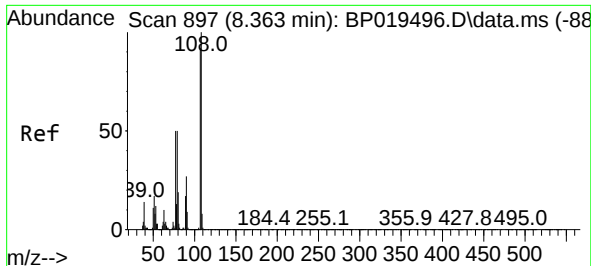
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.825 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.023 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion: 45 Resp: 216761
Ion Ratio Lower Upper
45 100
77 21.7 0.8 40.8
79 15.2 0.0 35.5





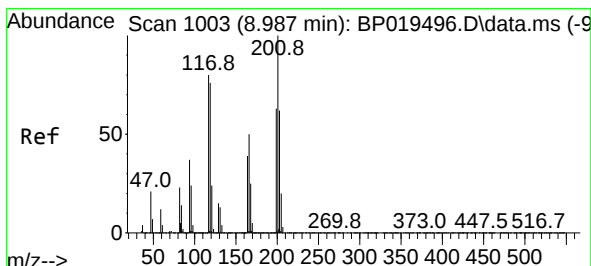
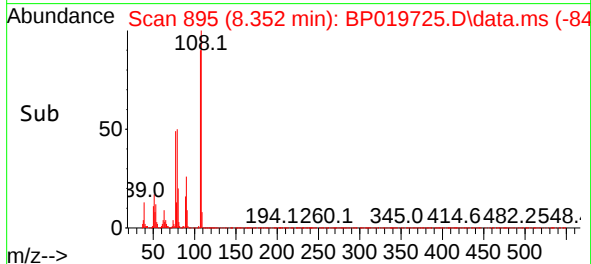
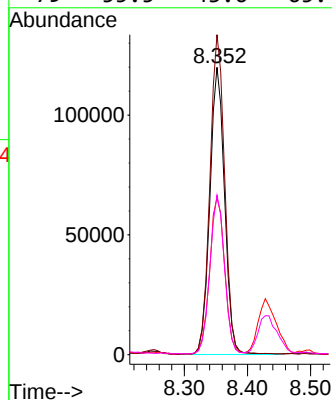
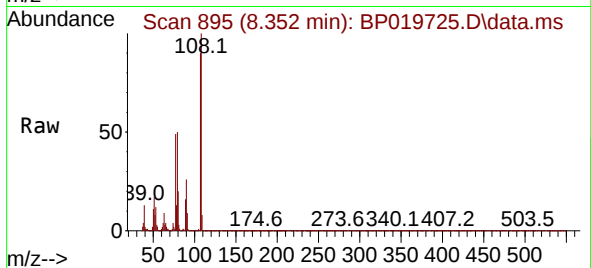
#17
2-Methylphenol
Concen: 41.321 ng
RT: 8.352 min Scan# 897
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :
BNA_P
ClientSampleId :
VNJ-205MS

Tgt Ion:	107	Resp:	194624
Ion Ratio	Lower	Upper	
107	100		
108	111.4	87.0	130.6
77	54.7	43.5	65.3
79	55.5	43.6	65.4

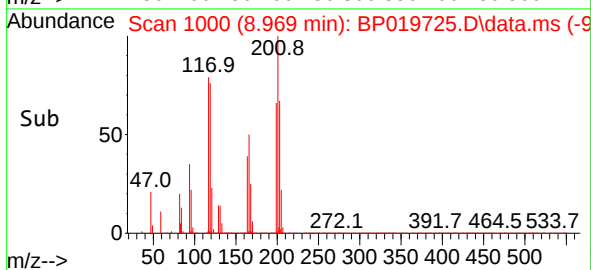
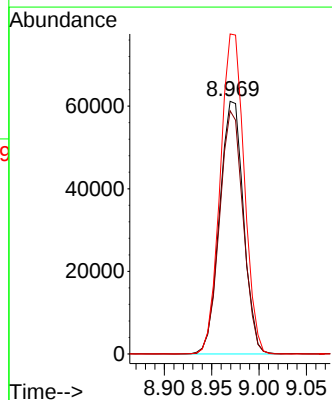
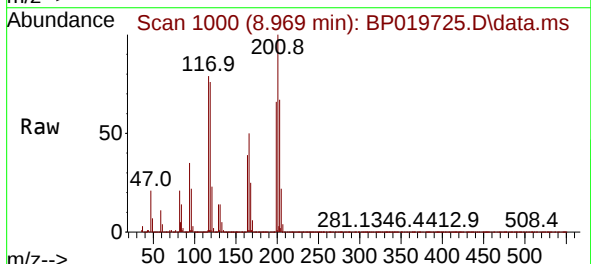
Manual Integrations
APPROVED

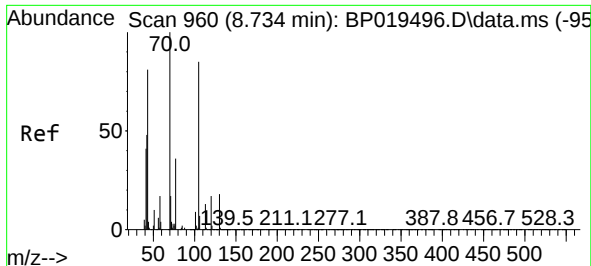
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#18
Hexachloroethane
Concen: 41.769 ng
RT: 8.969 min Scan# 1000
Delta R.T. -0.017 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:	117	Resp:	107273
Ion Ratio	Lower	Upper	
117	100		
119	96.2	75.5	113.3
201	126.6	99.4	149.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.008 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

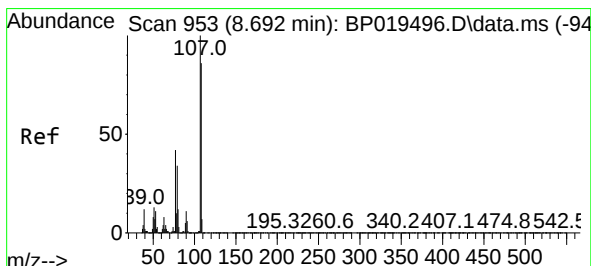
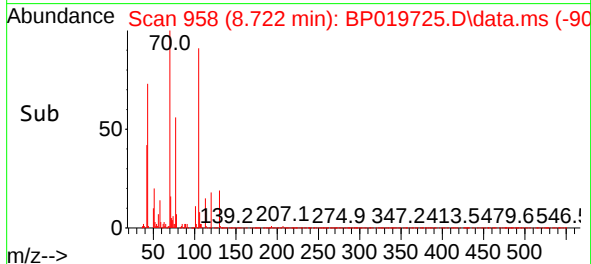
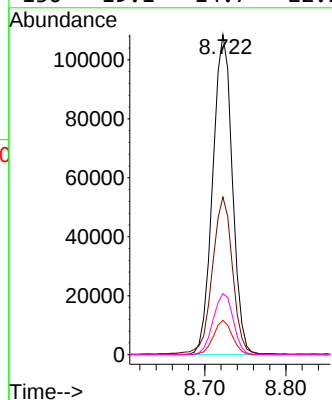
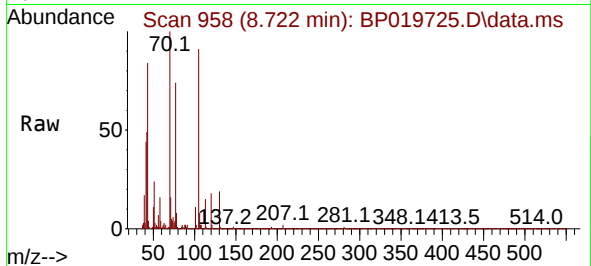
ClientSampleId :

VNJ-205MS

Tgt Ion: 70 Resp: 18223
Ion Ratio Lower Upper
70 100
42 49.2 39.2 58.8
101 10.8 7.3 10.9
130 19.1 14.7 22.1

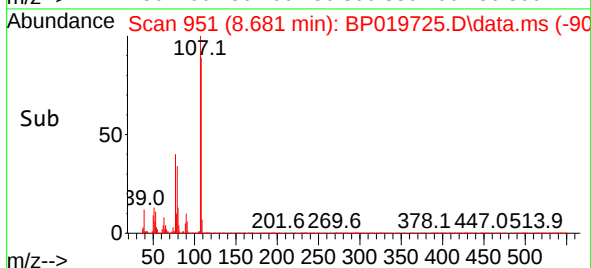
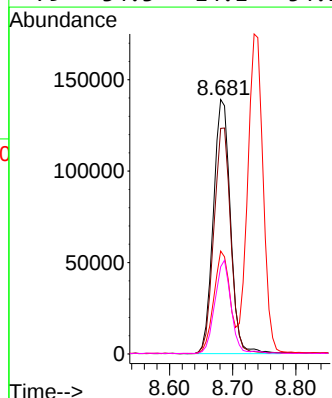
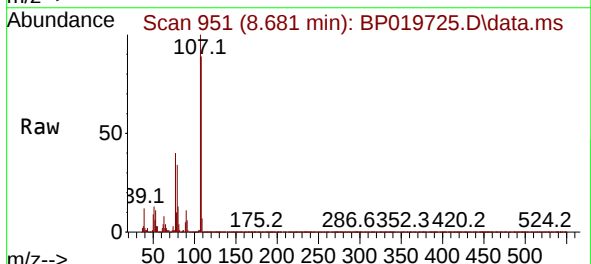
Manual Integrations
APPROVED

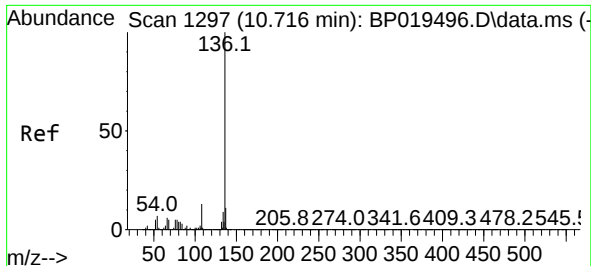
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#20
3+4-Methylphenols
Concen: 40.590 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:107 Resp: 260917
Ion Ratio Lower Upper
107 100
108 88.7 65.5 105.5
77 40.4 21.8 61.8
79 34.3 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

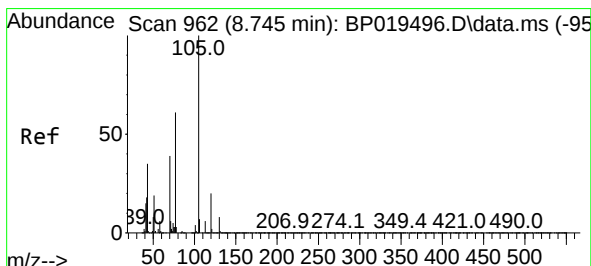
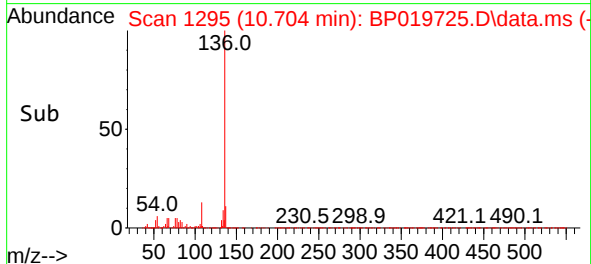
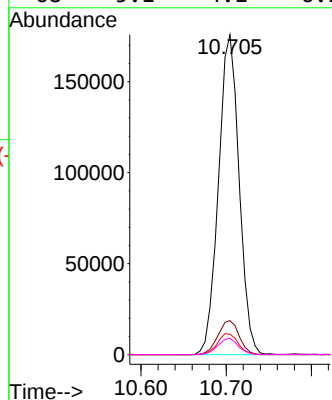
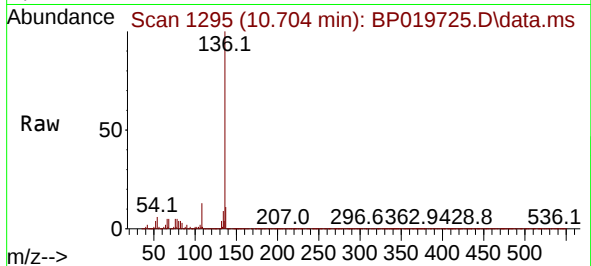
VNJ-205MS

Tgt Ion:136 Resp: 29625
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.4 5.3 7.9
68 5.1 4.1 6.1

Manual Integrations

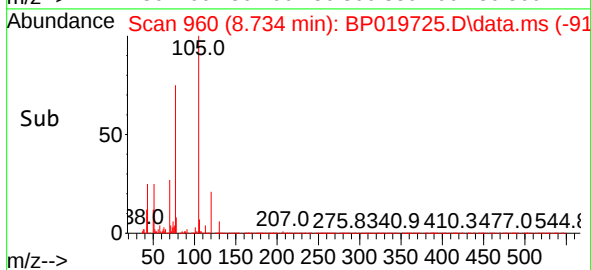
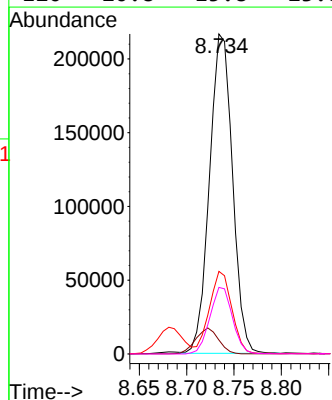
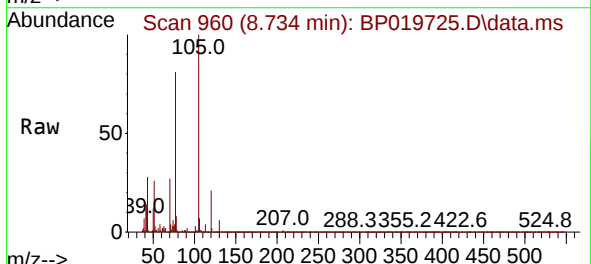
APPROVED

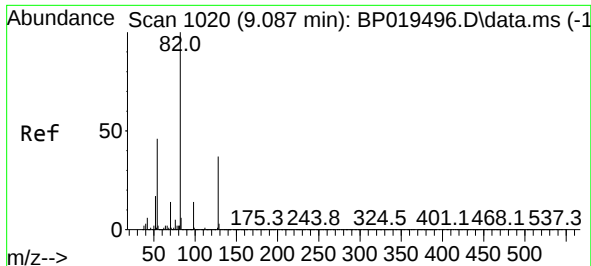
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#22
Acetophenone
Concen: 43.275 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:105 Resp: 365233
Ion Ratio Lower Upper
105 100
71 4.3 4.9 7.3#
51 25.8 20.7 31.1
120 20.8 15.8 23.8





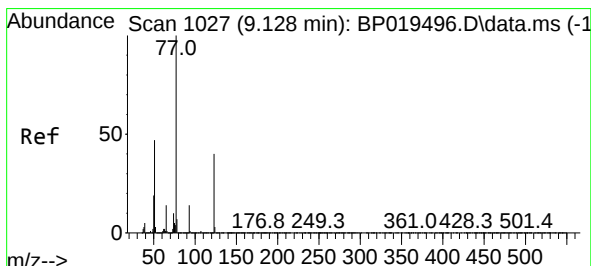
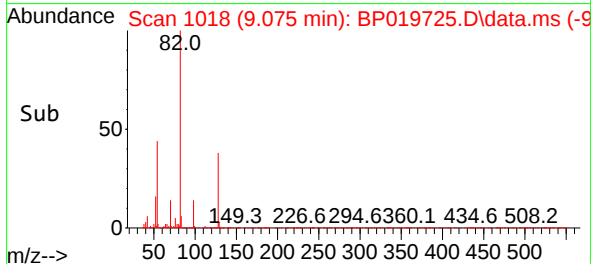
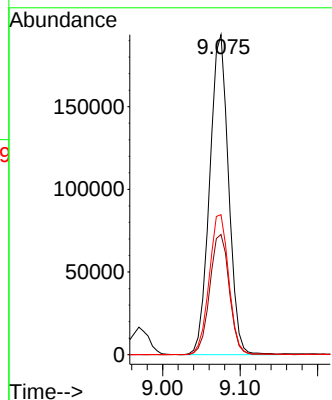
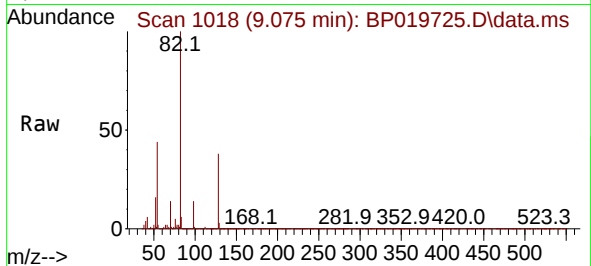
#23
Nitrobenzene-d5
Concen: 47.960 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :
BNA_P
ClientSampleId :
VNJ-205MS

Tgt Ion: 82 Resp: 32790
Ion Ratio Lower Upper
82 100
128 37.6 29.7 44.5
54 43.7 36.8 55.2

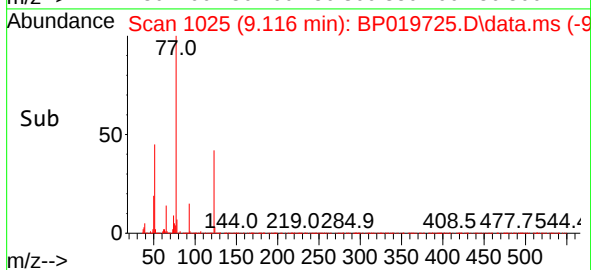
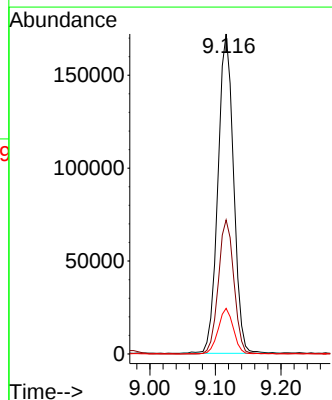
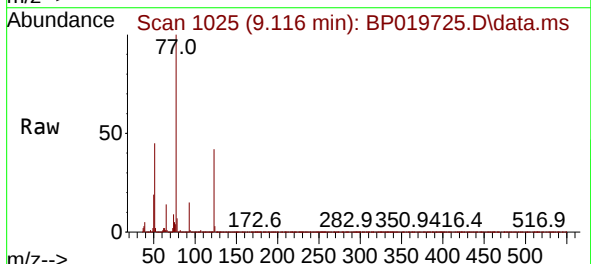
Manual Integrations
APPROVED

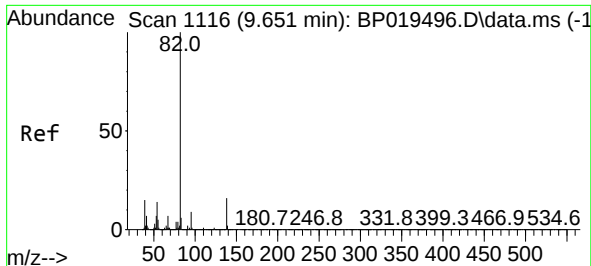
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#24
Nitrobenzene
Concen: 41.243 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion: 77 Resp: 283912
Ion Ratio Lower Upper
77 100
123 41.9 32.3 48.5
65 14.2 11.6 17.4





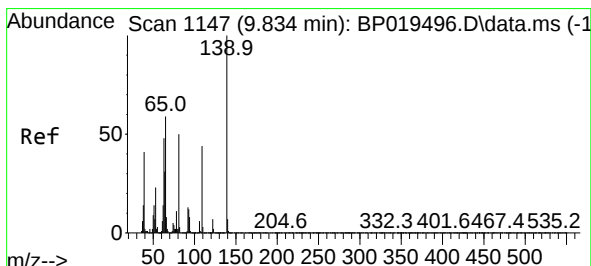
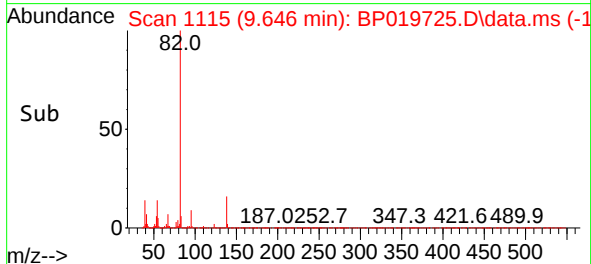
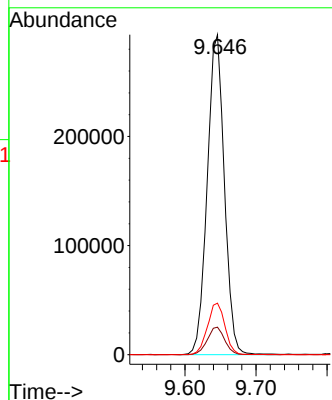
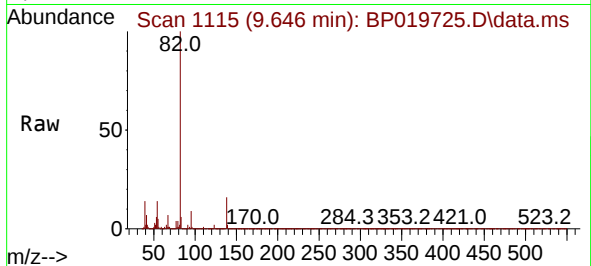
#25
Isophorone
Concen: 41.295 ng
RT: 9.646 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :
BNA_P
ClientSampleId :
VNJ-205MS

Tgt Ion: 82 Resp: 491700
Ion Ratio Lower Upper
82 100
95 8.6 7.0 10.4
138 16.1 13.1 19.7

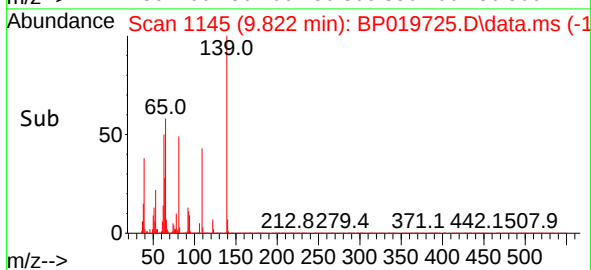
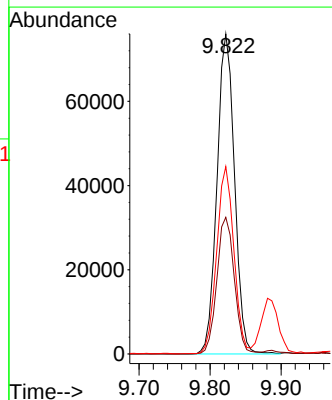
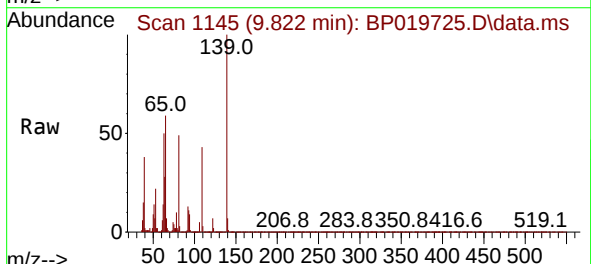
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 49.447 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:139 Resp: 129785
Ion Ratio Lower Upper
139 100
109 42.7 34.9 52.3
65 58.6 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 50.959 ng

RT: 9.887 min Scan# 1158

Delta R.T. -0.011 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

VNJ-205MS

Tgt Ion:122 Resp: 17103

Ion Ratio Lower Upper

122 100

107 136.1 105.9 158.9

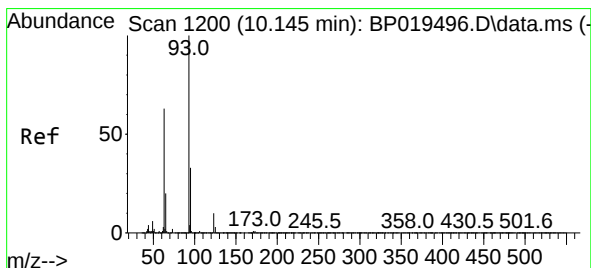
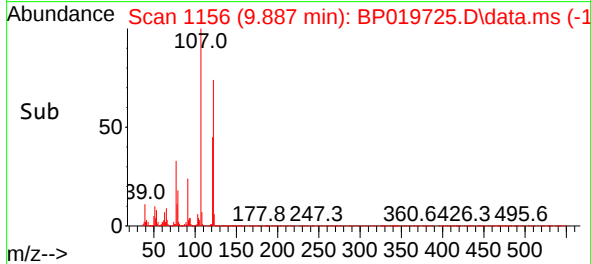
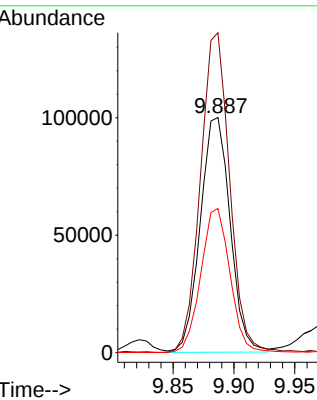
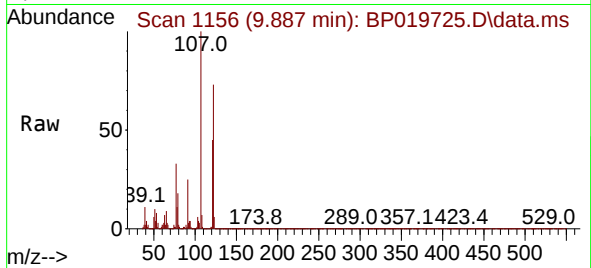
121 61.3 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.499 ng

RT: 10.128 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

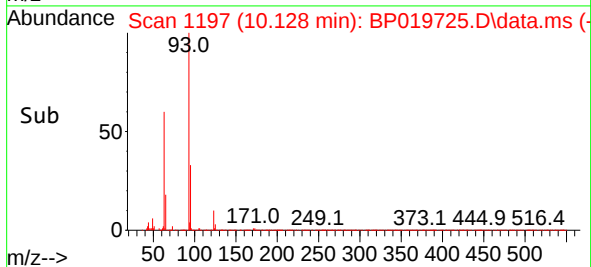
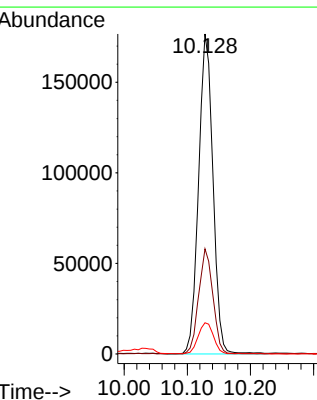
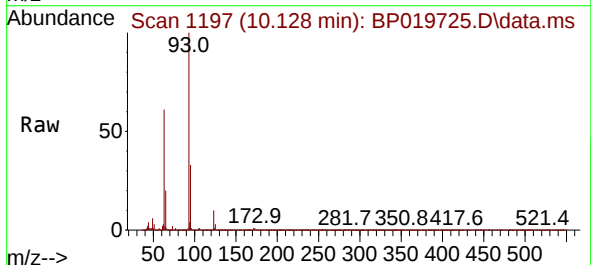
Tgt Ion: 93 Resp: 279574

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 9.8 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 45.574 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

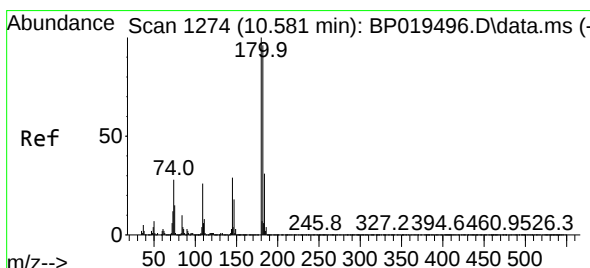
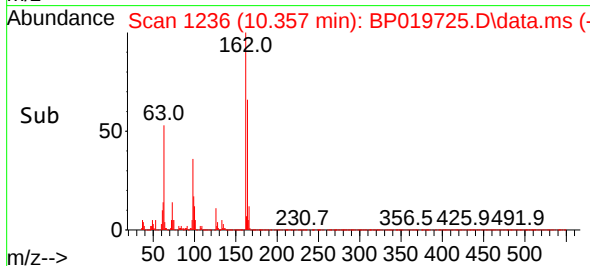
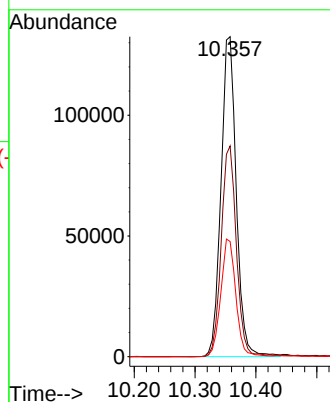
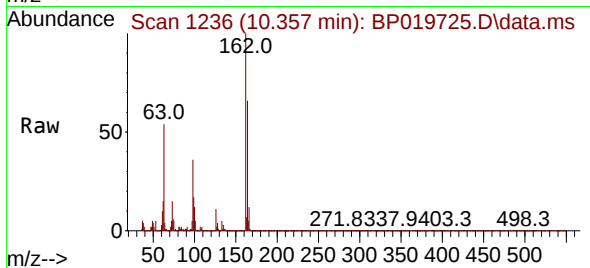
ClientSampleId :

VNJ-205MS

Tgt Ion:162 Resp: 231218
Ion Ratio Lower Upper
162 100
164 65.8 46.0 86.0
98 36.0 18.7 58.7

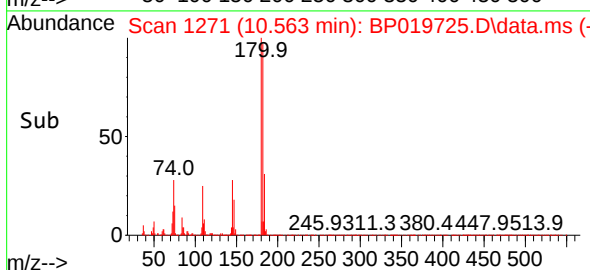
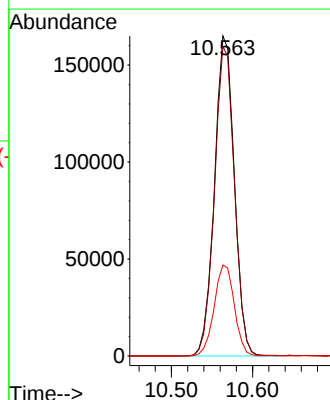
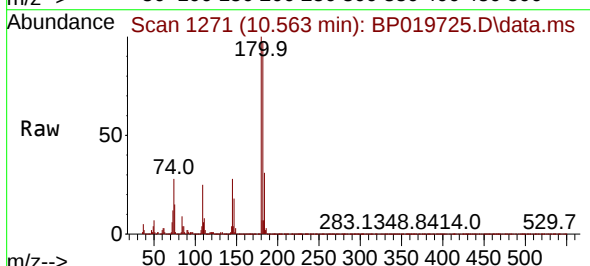
Manual Integrations
APPROVED

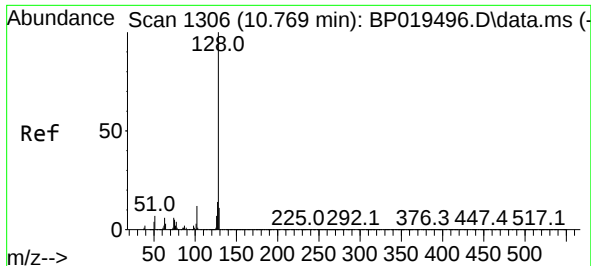
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#30
1,2,4-Trichlorobenzene
Concen: 45.167 ng
RT: 10.563 min Scan# 1271
Delta R.T. -0.017 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:180 Resp: 280972
Ion Ratio Lower Upper
180 100
182 96.8 77.0 115.6
145 28.4 23.2 34.8





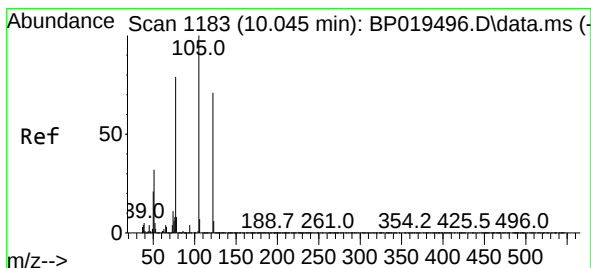
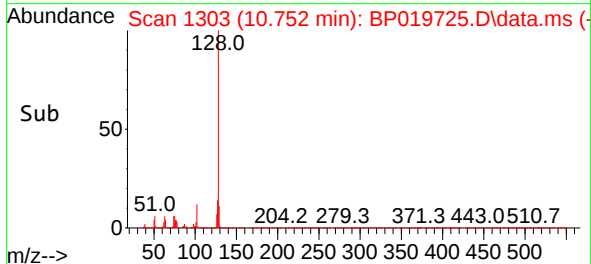
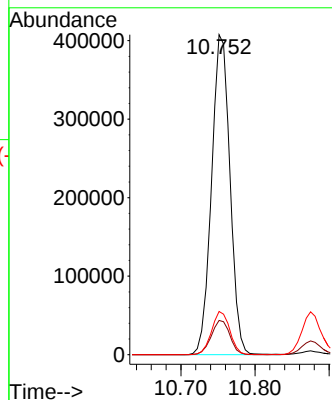
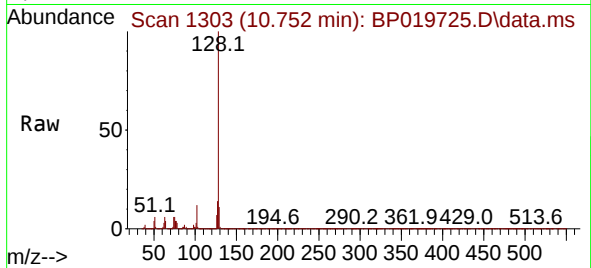
#31
Naphthalene
Concen: 43.211 ng
RT: 10.752 min Scan# 1182
Delta R.T. -0.017 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :
BNA_P
ClientSampleId :
VNJ-205MS

Tgt Ion:128 Resp: 70211
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.5 10.8 16.2

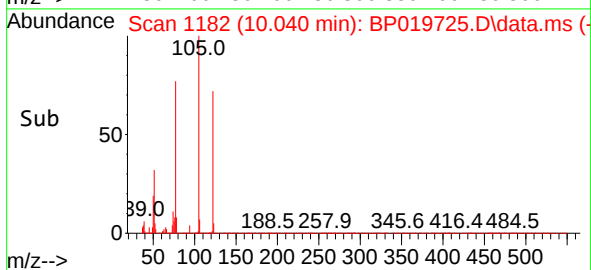
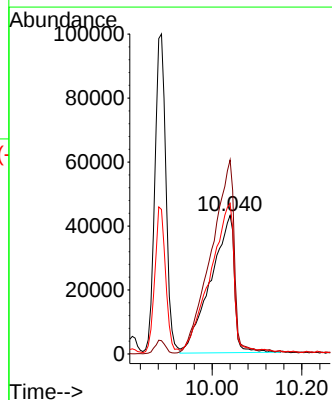
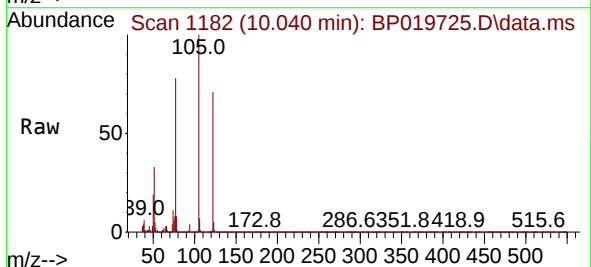
Manual Integrations
APPROVED

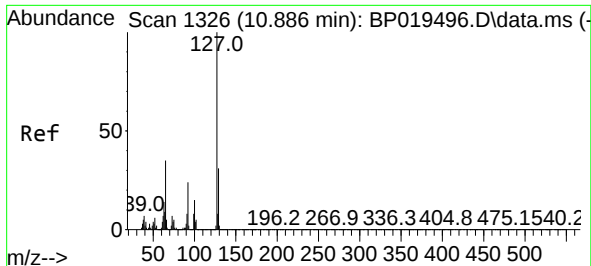
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#32
Benzoic acid
Concen: 48.197 ng
RT: 10.040 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:122 Resp: 157606
Ion Ratio Lower Upper
122 100
105 140.1 118.8 158.8
77 108.7 91.7 131.7





#33
4-Chloroaniline
Concen: 17.368 ng
RT: 10.875 min Scan# 1324
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

VNJ-205MS

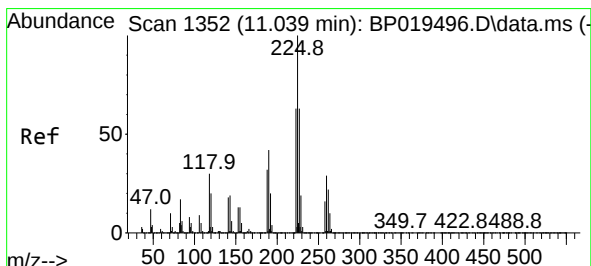
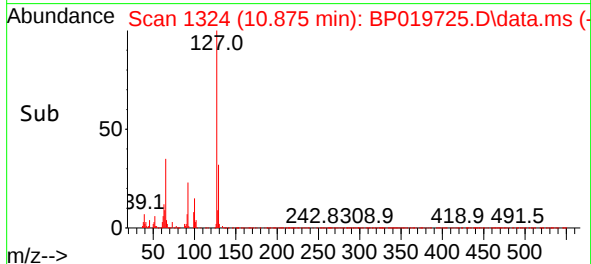
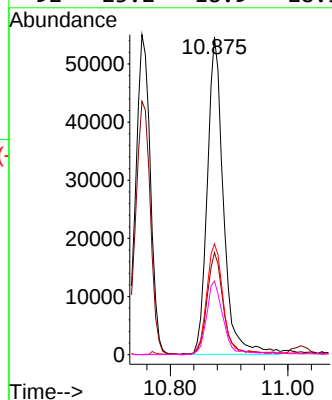
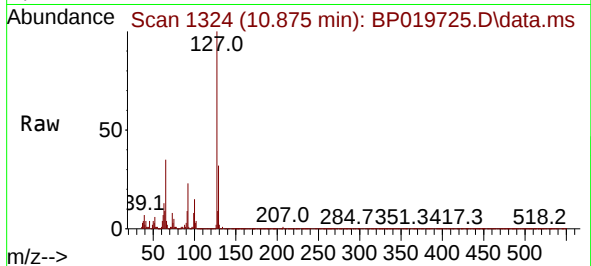
Tgt Ion:	127	Resp:	10436
Ion Ratio	Lower	Upper	
127	100		
129	32.2	24.6	36.8
65	34.9	28.2	42.4
92	23.2	18.9	28.3

Manual Integrations

APPROVED

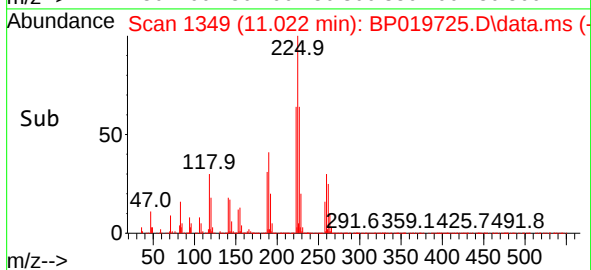
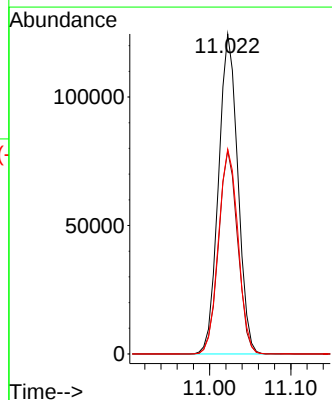
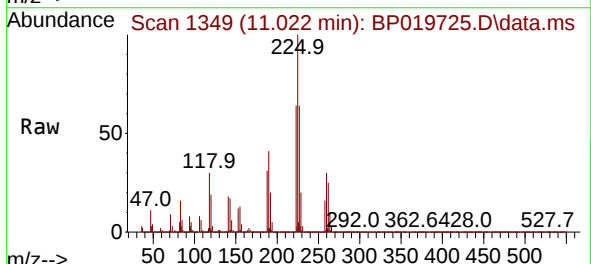
Reviewed By :Yogesh Patel 02/17/2024

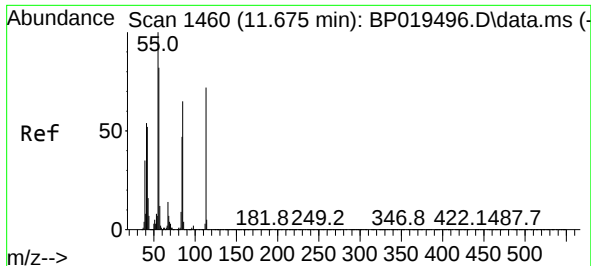
Supervised By :mohammad ahmed 02/17/2024



#34
Hexachlorobutadiene
Concen: 44.591 ng
RT: 11.022 min Scan# 1349
Delta R.T. -0.017 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

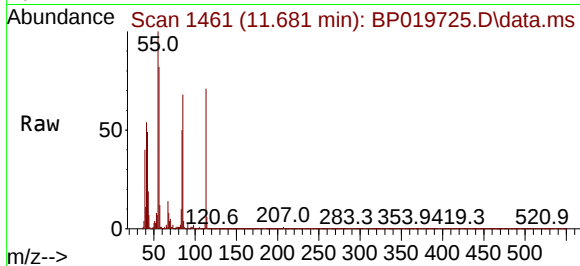
Tgt Ion:	225	Resp:	205556
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.5	75.7
227	64.0	50.2	75.2





#35
Caprolactam
Concen: 45.312 ng
RT: 11.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

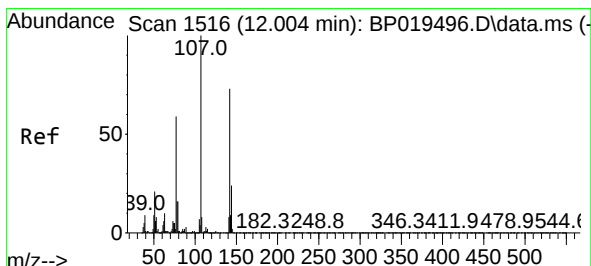
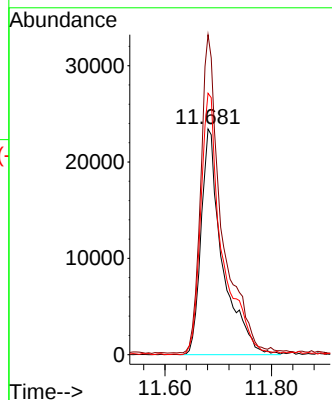
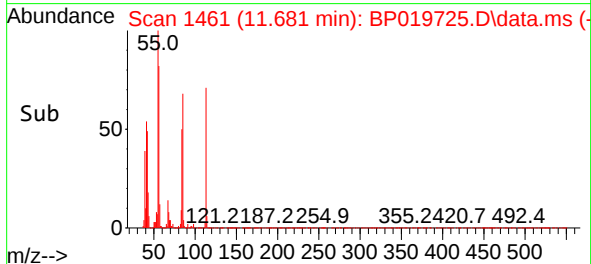
Instrument :
BNA_P
ClientSampleId :
VNJ-205MS



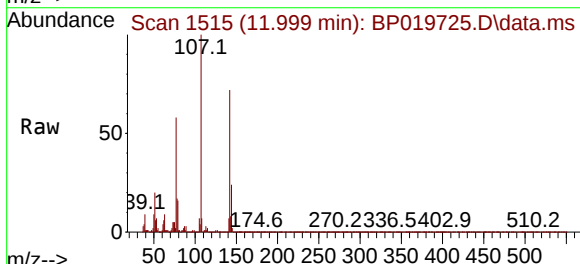
Tgt Ion:113 Resp: 65080
Ion Ratio Lower Upper
113 100
55 141.8 120.0 160.0
56 115.8 94.0 134.0

Manual Integrations
APPROVED

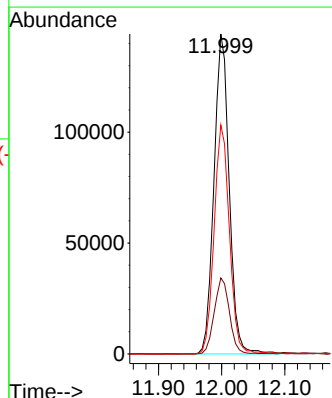
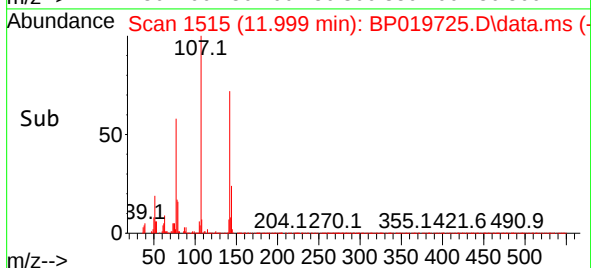
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

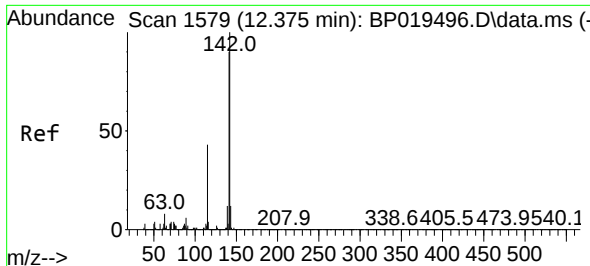


#36
4-Chloro-3-methylphenol
Concen: 43.668 ng
RT: 11.999 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20



Tgt Ion:107 Resp: 241575
Ion Ratio Lower Upper
107 100
144 23.7 19.0 28.4
142 71.6 58.6 88.0





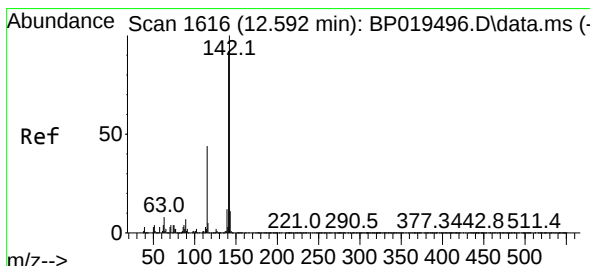
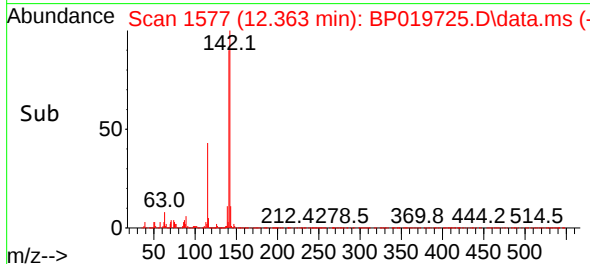
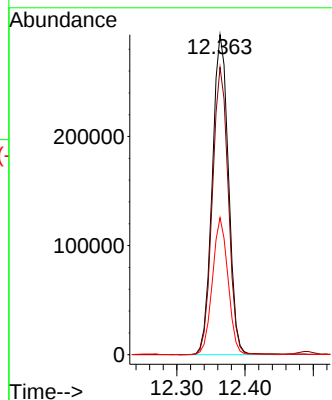
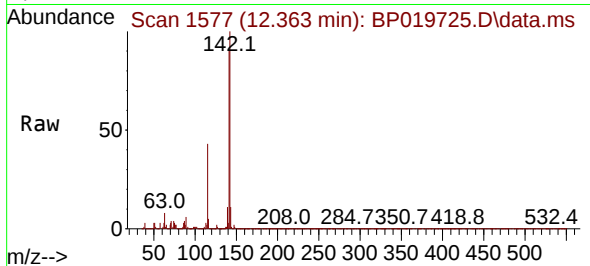
#37
2-Methylnaphthalene
Concen: 43.074 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :
BNA_P
ClientSampleId :
VNJ-205MS

Tgt Ion:142 Resp: 48435
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.4
115 42.8 34.2 51.2

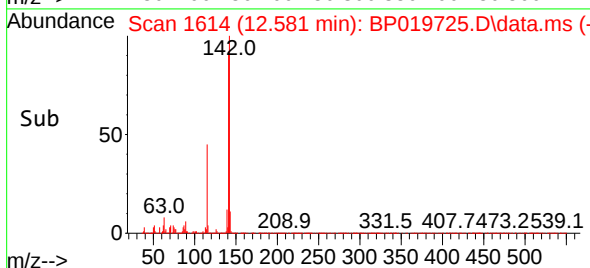
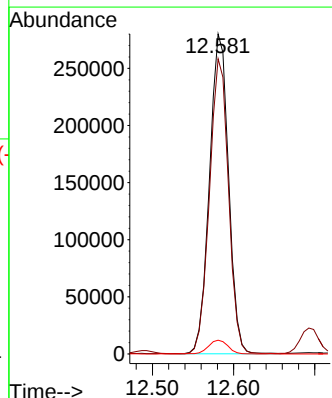
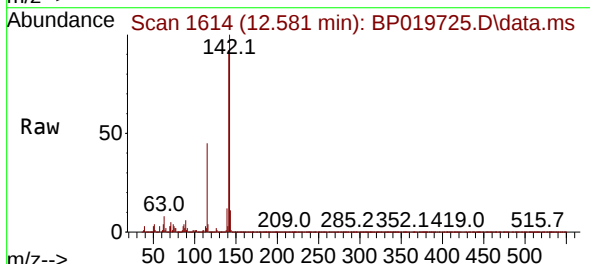
Manual Integrations
APPROVED

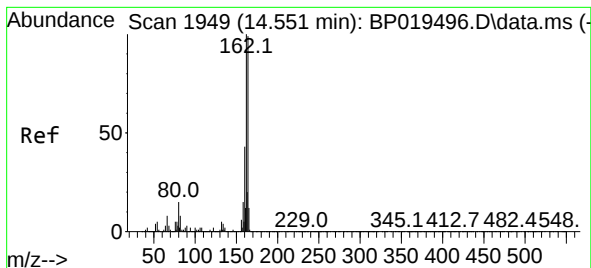
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#38
1-Methylnaphthalene
Concen: 41.294 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:142 Resp: 456312
Ion Ratio Lower Upper
142 100
141 92.3 74.0 111.0
116 4.3 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1949

Delta R.T. -0.011 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

VNJ-205MS

Tgt Ion:164 Resp: 18124

Ion Ratio Lower Upper

164 100

162 101.6 81.2 121.8

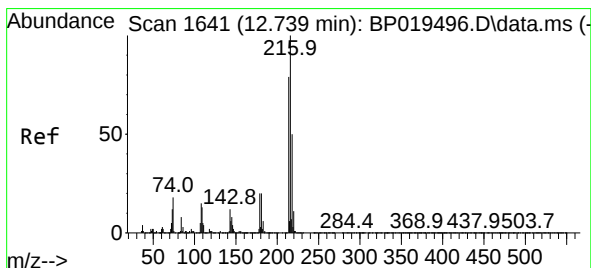
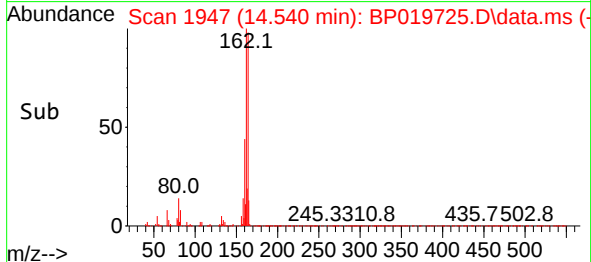
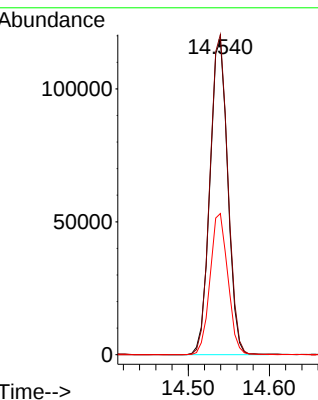
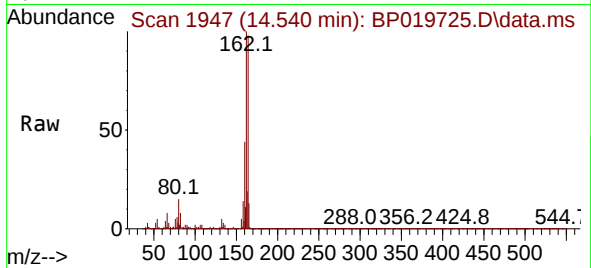
160 44.8 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.218 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.011 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

Tgt Ion:216 Resp: 337034

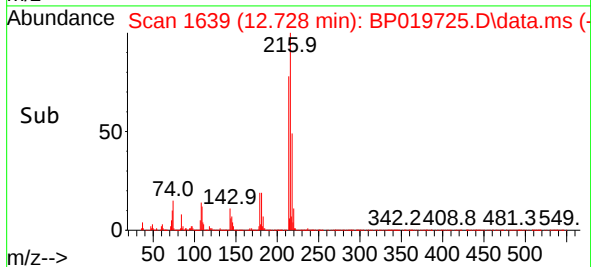
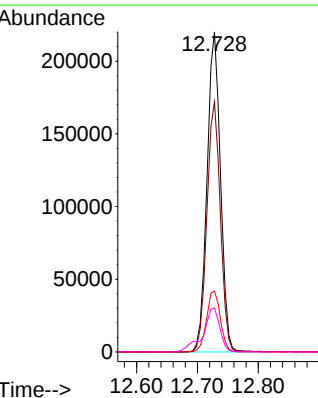
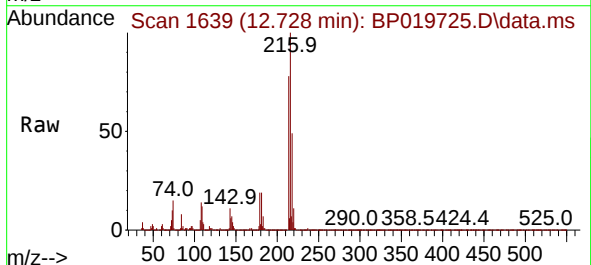
Ion Ratio Lower Upper

216 100

214 78.2 62.8 94.2

179 19.6 16.6 24.8

108 17.1 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 120.223 ng

RT: 12.693 min Scan# 1633

Delta R.T. -0.017 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

VNJ-205MS

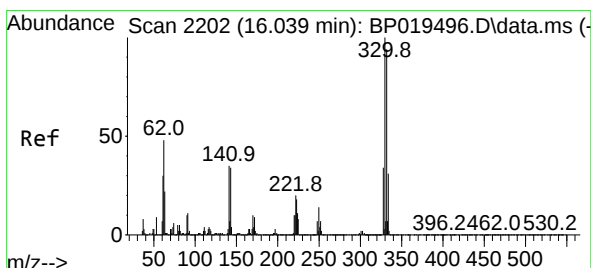
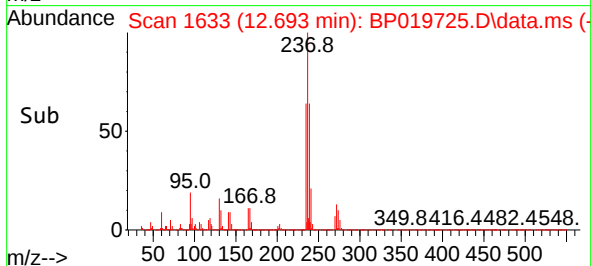
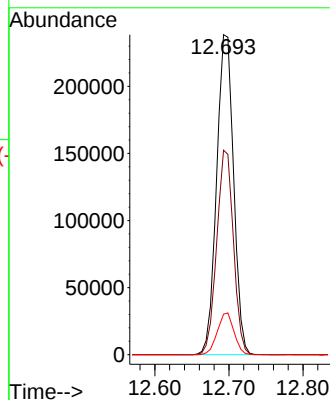
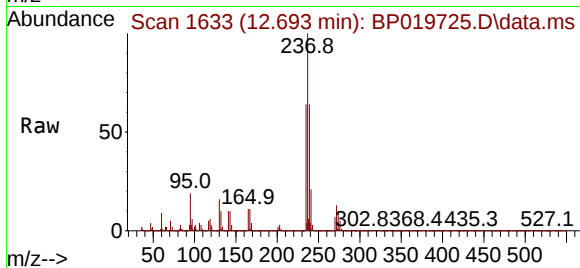
Tgt Ion:	237	Resp:	37962
Ion Ratio	Lower	Upper	
237	100		
235	63.9	43.7	83.7
272	12.7	0.0	32.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#42

2,4,6-Tribromophenol

Concen: 87.728 ng

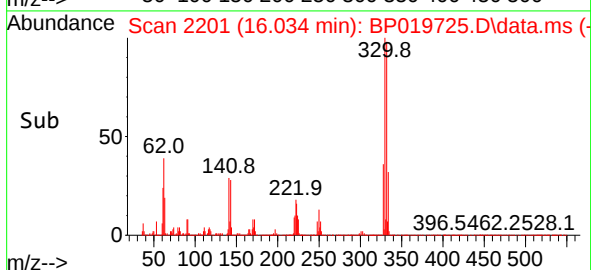
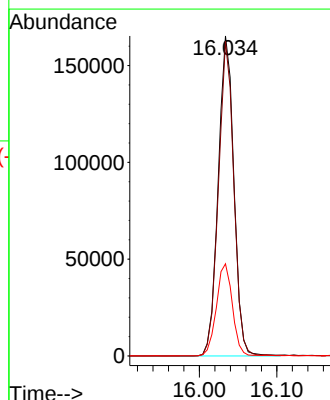
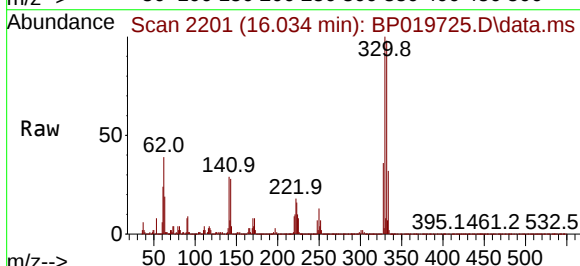
RT: 16.034 min Scan# 2201

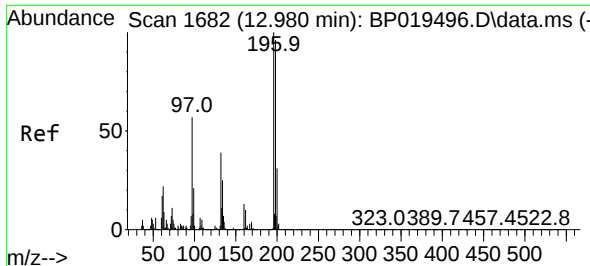
Delta R.T. -0.006 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

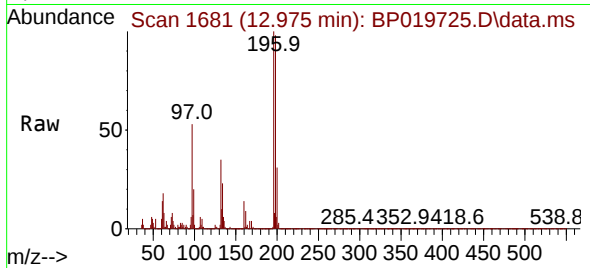
Tgt Ion:	330	Resp:	232149
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.2	115.8
141	29.4	27.0	40.4





#43
2,4,6-Trichlorophenol
Concen: 48.903 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

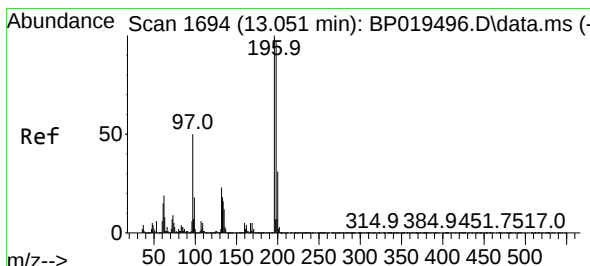
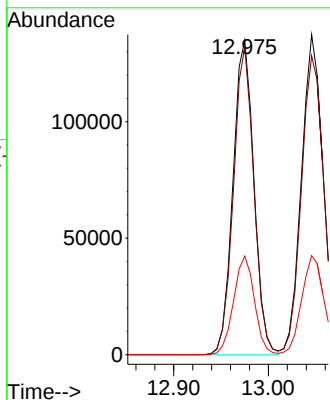
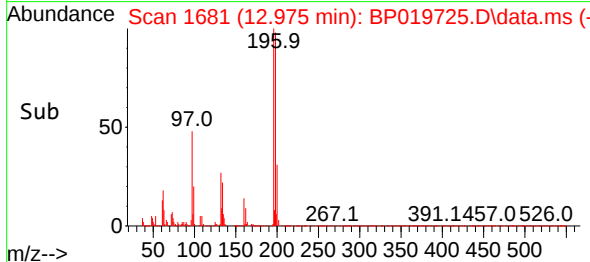
Instrument :
BNA_P
ClientSampleId :
VNJ-205MS



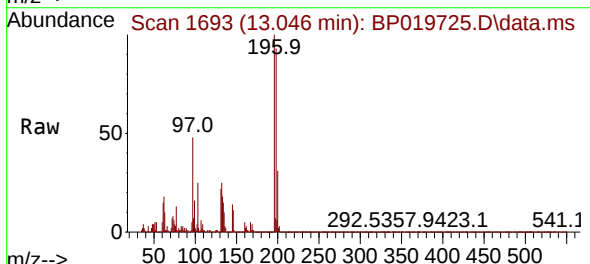
Tgt Ion:196 Resp: 206980
Ion Ratio Lower Upper
196 100
198 97.9 76.7 115.1
200 31.3 24.6 36.8

Manual Integrations
APPROVED

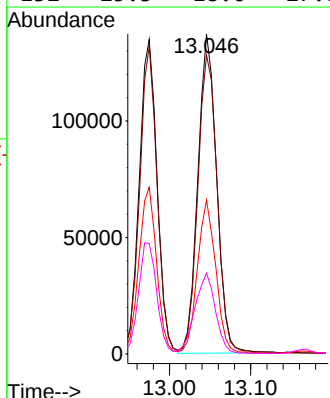
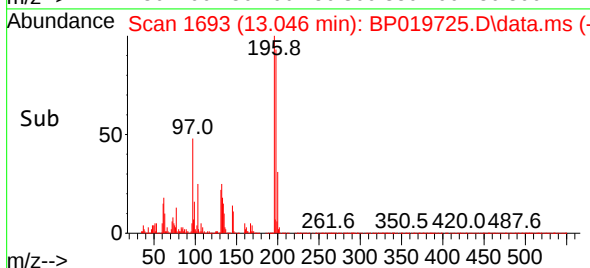
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#44
2,4,5-Trichlorophenol
Concen: 47.528 ng
RT: 13.046 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20



Tgt Ion:196 Resp: 220890
Ion Ratio Lower Upper
196 100
198 93.4 77.5 116.3
97 48.1 39.9 59.9
132 25.3 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 46.217 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

VNJ-205MS

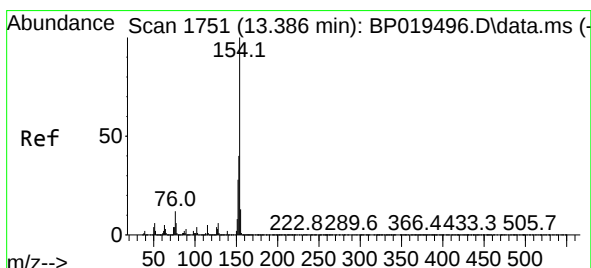
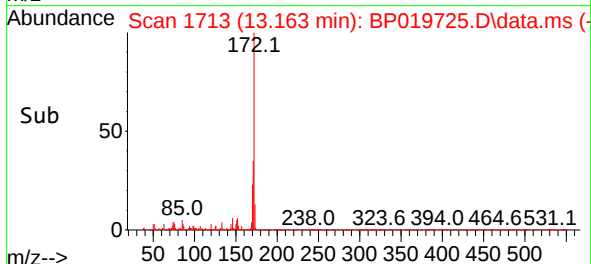
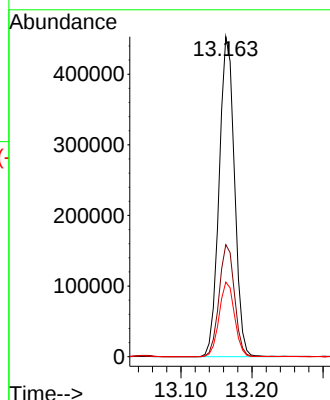
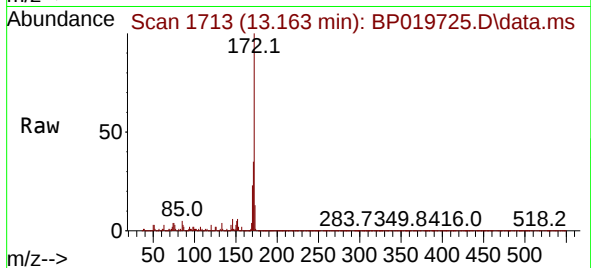
Tgt Ion:	172	Resp:	67757
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.2	42.4
170	23.3	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#46

1,1'-Biphenyl

Concen: 44.432 ng

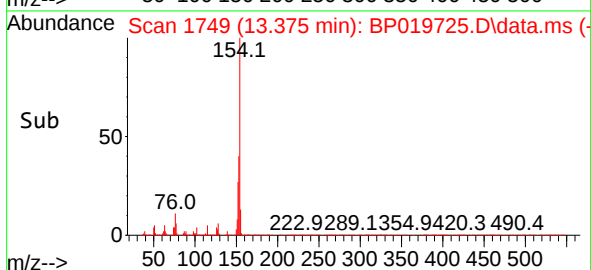
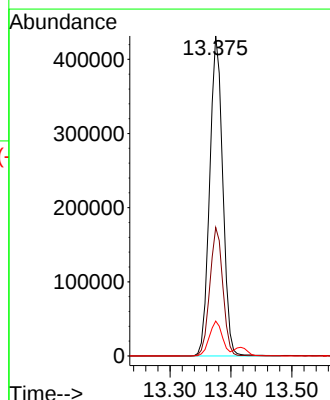
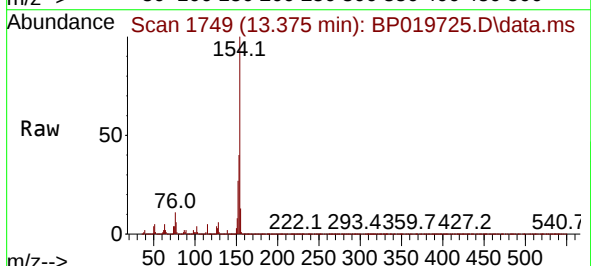
RT: 13.375 min Scan# 1749

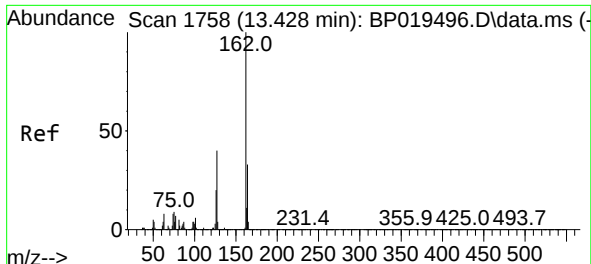
Delta R.T. -0.011 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

Tgt Ion:	154	Resp:	642730
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.2	60.2
76	10.9	0.0	31.6





#47

2-Chloronaphthalene

Concen: 43.562 ng

RT: 13.416 min Scan# 1756

Delta R.T. -0.011 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

VNJ-205MS

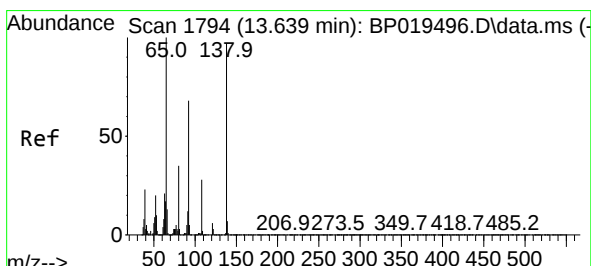
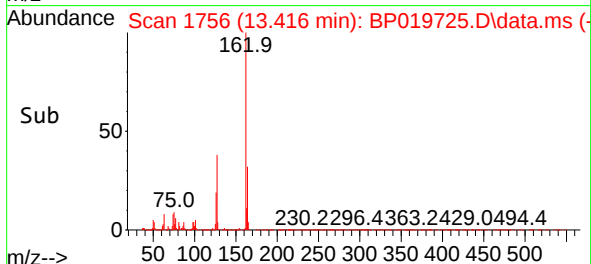
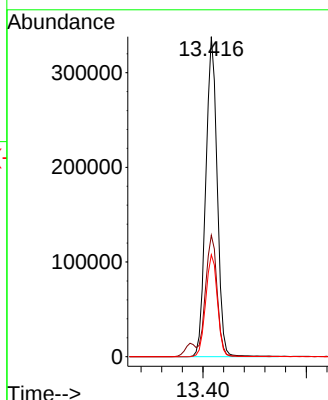
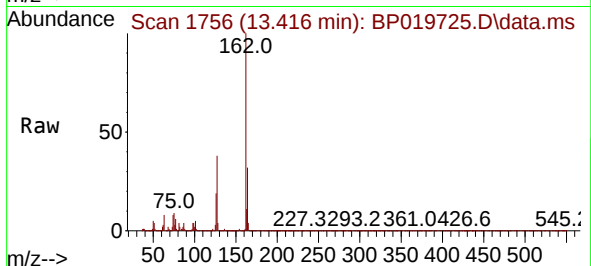
Tgt Ion:	162	Resp:	51727
Ion Ratio	Lower	Upper	
162	100		
127	38.0	32.1	48.1
164	31.8	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#48

2-Nitroaniline

Concen: 45.879 ng

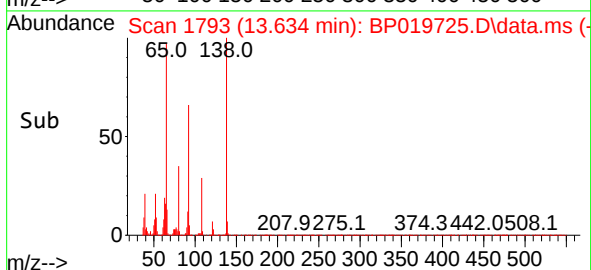
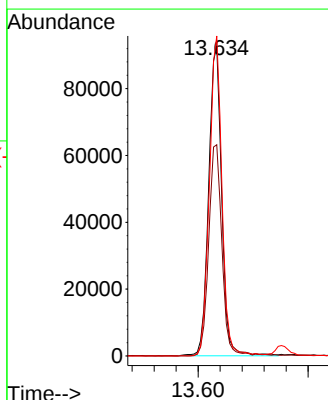
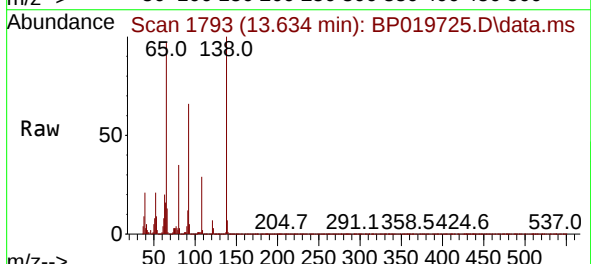
RT: 13.634 min Scan# 1793

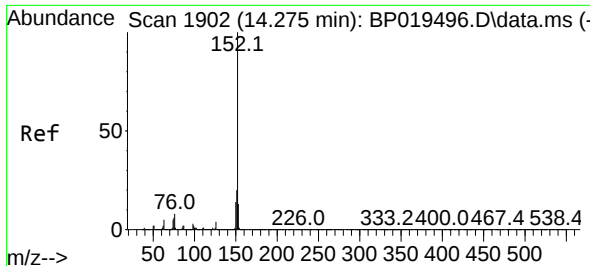
Delta R.T. -0.006 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

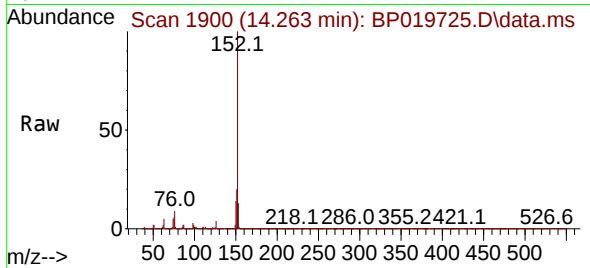
Tgt Ion:	65	Resp:	152334
Ion Ratio	Lower	Upper	
65	100		
92	68.2	54.7	82.1
138	103.4	77.8	116.6





#49
Acenaphthylene
Concen: 48.541 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

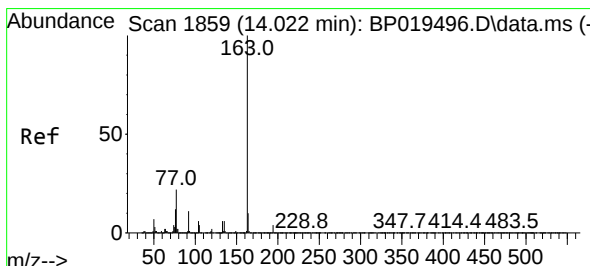
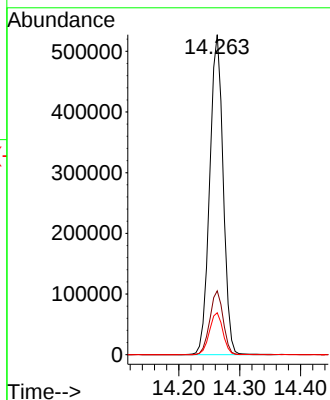
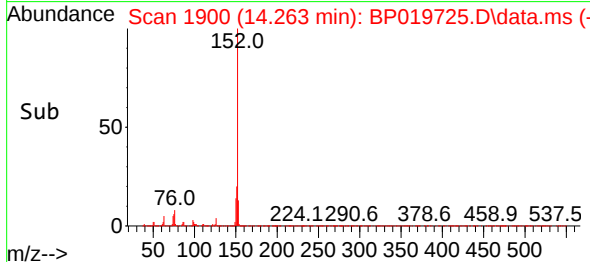
Instrument :
BNA_P
ClientSampleId :
VNJ-205MS



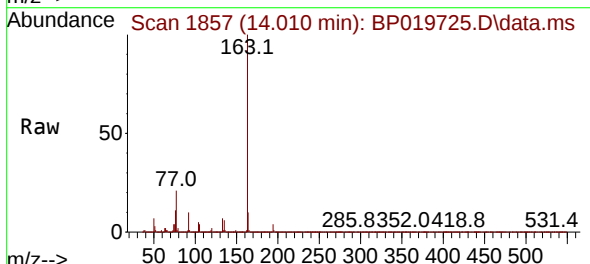
Tgt Ion:152 Resp: 80866
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.1 10.6 15.8

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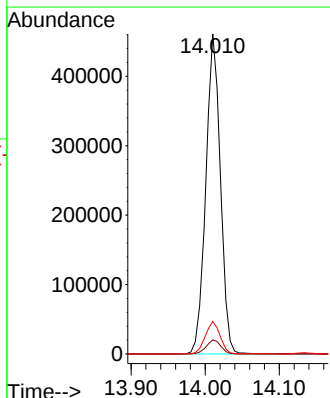
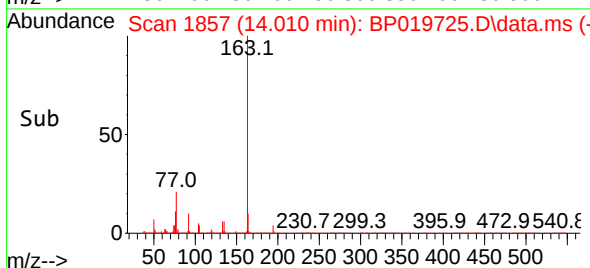
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

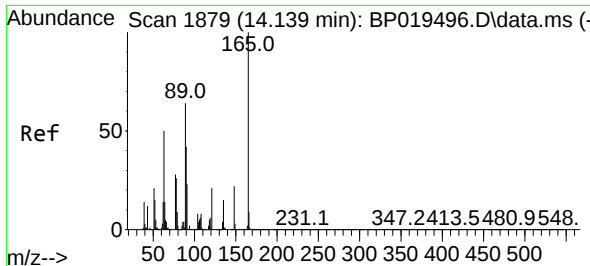


#50
Dimethylphthalate
Concen: 45.360 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20



Tgt Ion:163 Resp: 629343
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 7.8 11.6





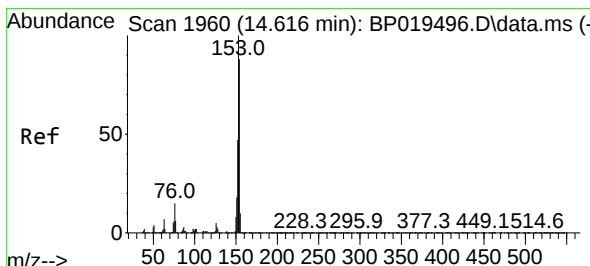
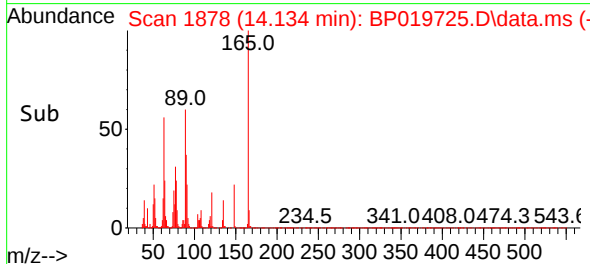
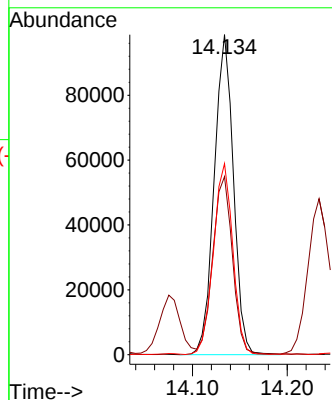
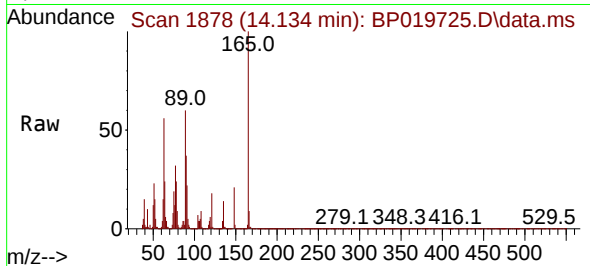
#51
2,6-Dinitrotoluene
Concen: 45.569 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :
BNA_P
ClientSampleId :
VNJ-205MS

Tgt Ion:165 Resp: 138908
Ion Ratio Lower Upper
165 100
63 55.7 50.4 75.6
89 59.7 51.7 77.5

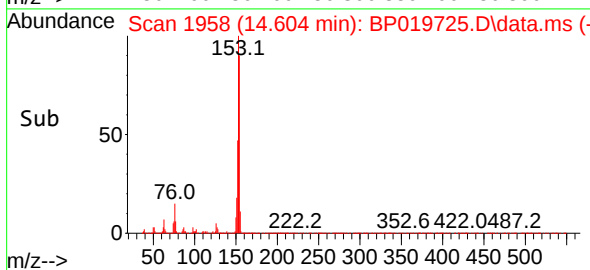
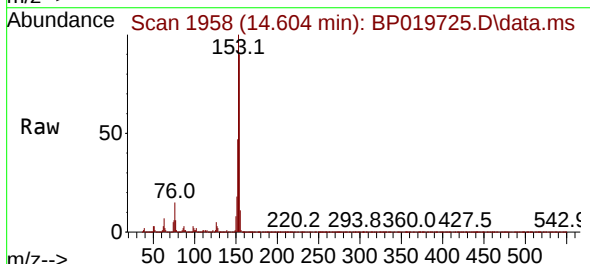
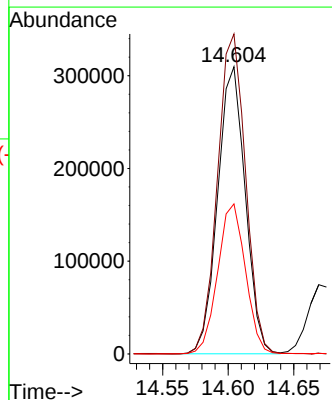
Manual Integrations
APPROVED

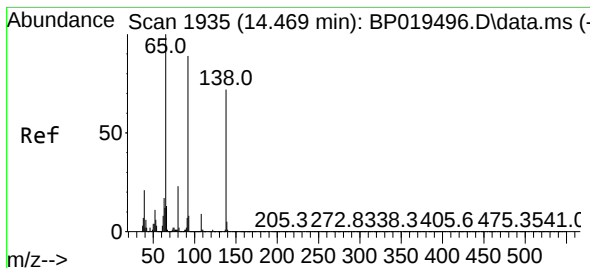
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#52
Acenaphthene
Concen: 43.806 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

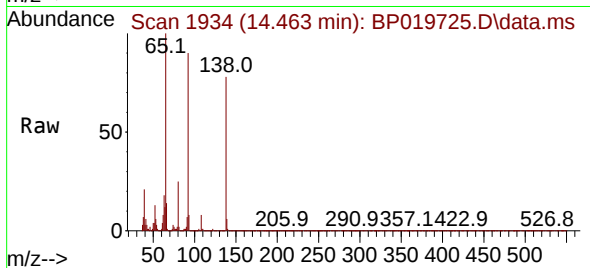
Tgt Ion:154 Resp: 452945
Ion Ratio Lower Upper
154 100
153 111.4 90.5 135.7
152 52.3 42.1 63.1





#53
3-Nitroaniline
Concen: 37.326 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

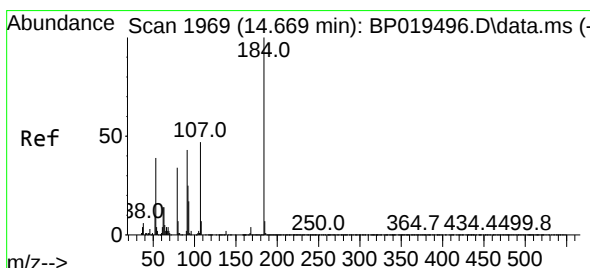
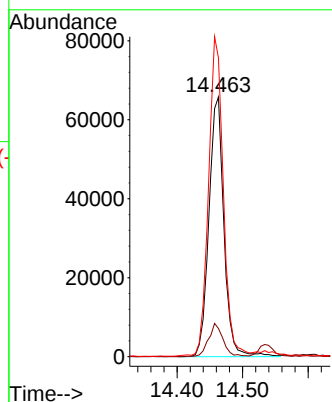
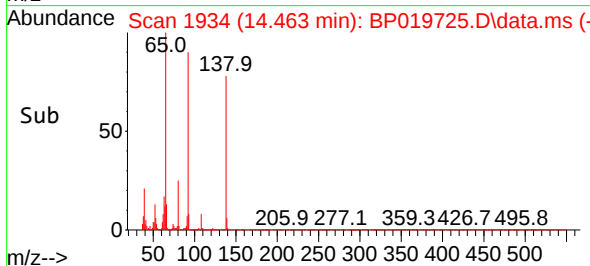
Instrument :
BNA_P
ClientSampleId :
VNJ-205MS



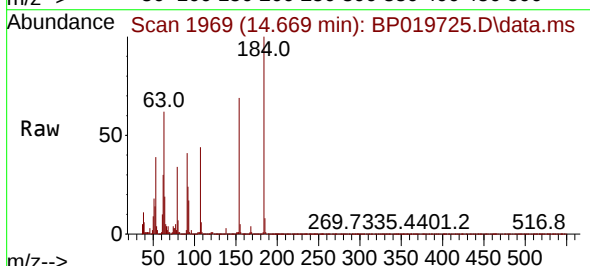
Tgt Ion:138 Resp: 10456
Ion Ratio Lower Upper
138 100
108 10.8 9.7 14.5
92 115.1 98.0 147.0

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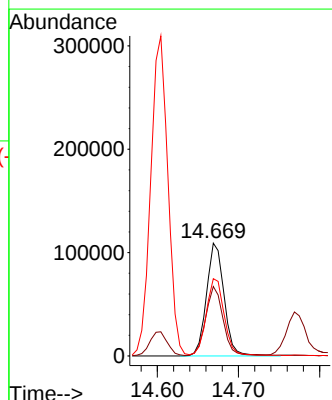
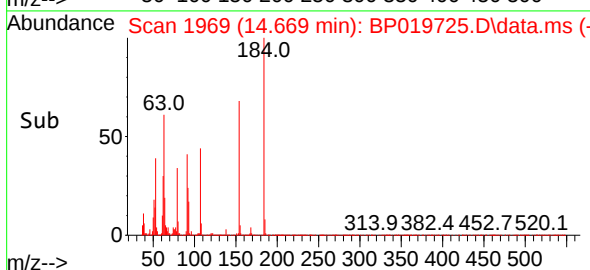
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

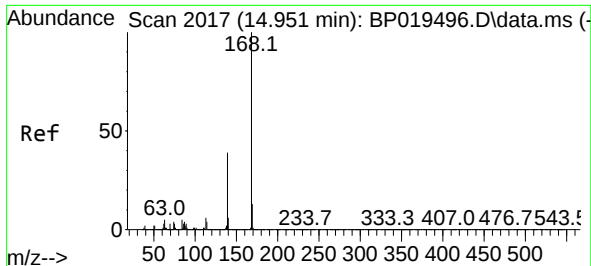


#54
2,4-Dinitrophenol
Concen: 103.952 ng
RT: 14.669 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20



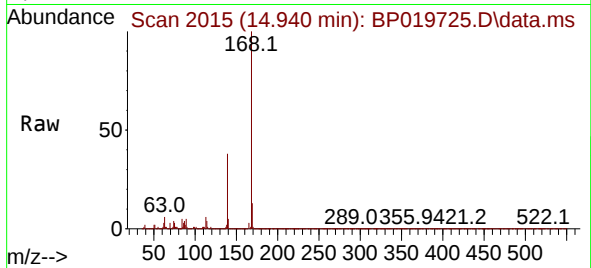
Tgt Ion:184 Resp: 164527
Ion Ratio Lower Upper
184 100
63 61.6 50.5 75.7
154 68.5 53.4 80.0





#55
Dibenzenofuran
Concen: 45.388 ng
RT: 14.940 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

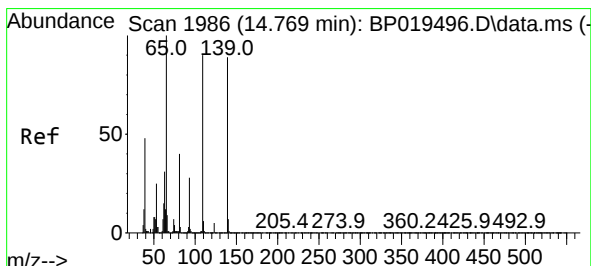
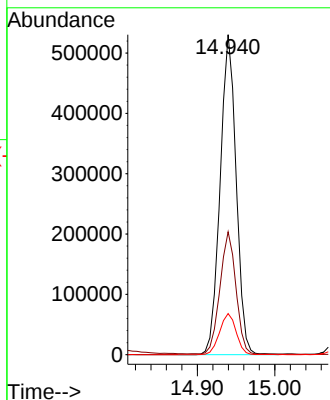
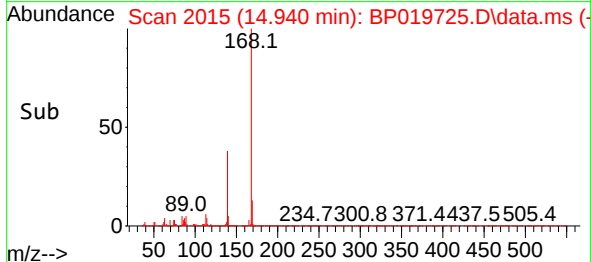
Instrument :
BNA_P
ClientSampleId :
VNJ-205MS



Tgt Ion:168 Resp: 764350
Ion Ratio Lower Upper
168 100
139 38.4 31.5 47.3
169 12.8 10.3 15.5

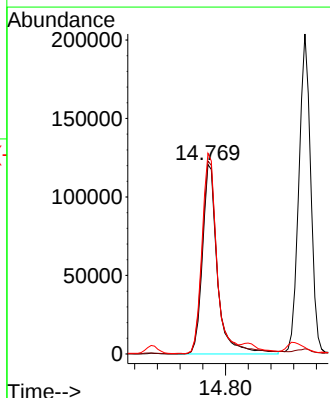
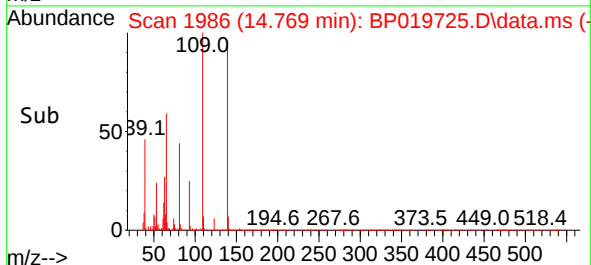
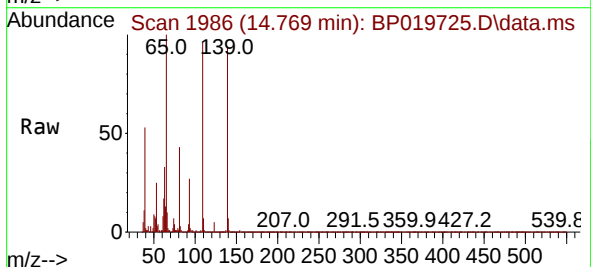
Manual Integrations
APPROVED

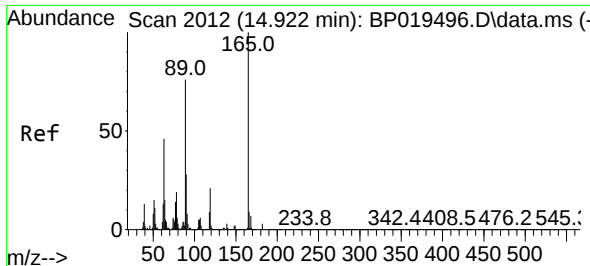
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#56
4-Nitrophenol
Concen: 95.736 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

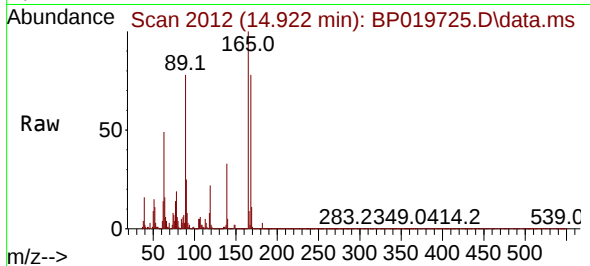
Tgt Ion:139 Resp: 219825
Ion Ratio Lower Upper
139 100
109 101.8 82.0 122.0
65 105.9 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 47.983 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

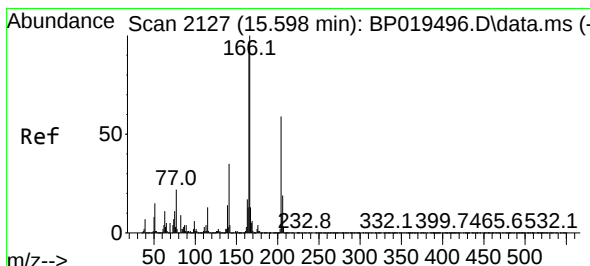
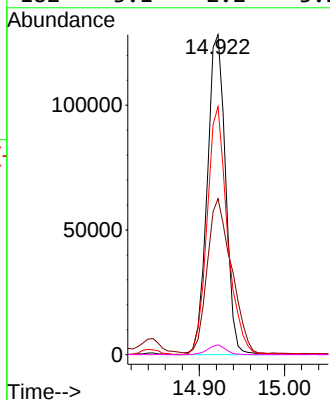
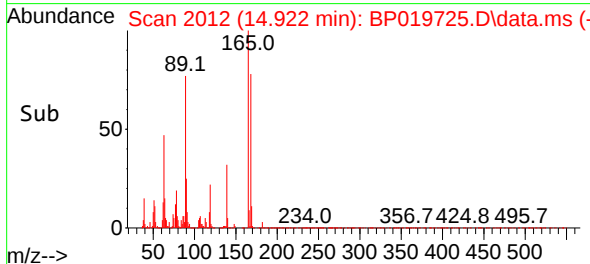
Instrument :
BNA_P
ClientSampleId :
VNJ-205MS



Tgt Ion:165 Resp: 191670
Ion Ratio Lower Upper
165 100
63 48.7 36.9 55.3
89 77.5 61.1 91.7
182 3.1 2.2 3.2

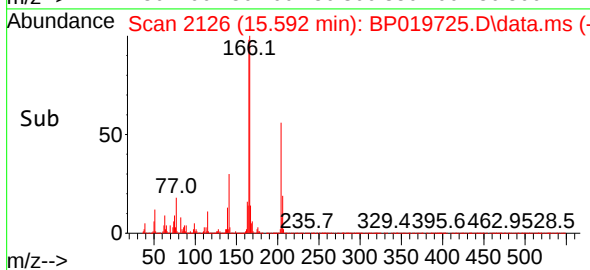
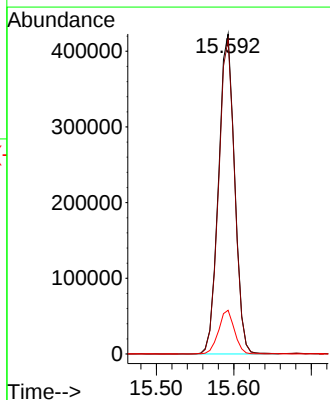
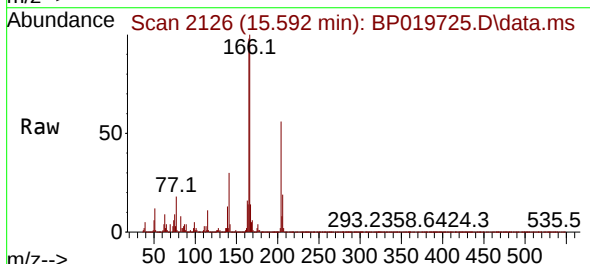
Manual Integrations
APPROVED

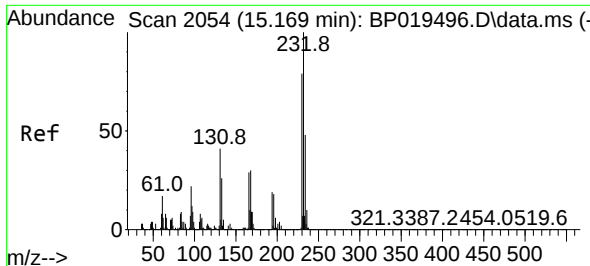
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#58
Fluorene
Concen: 45.561 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

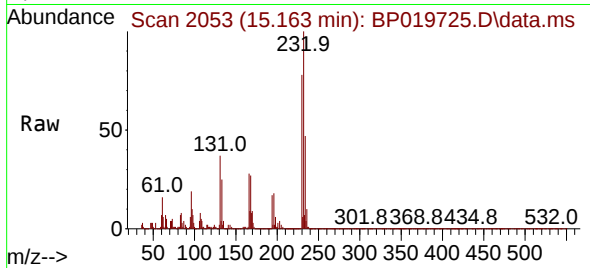
Tgt Ion:166 Resp: 611103
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.996 ng
RT: 15.163 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

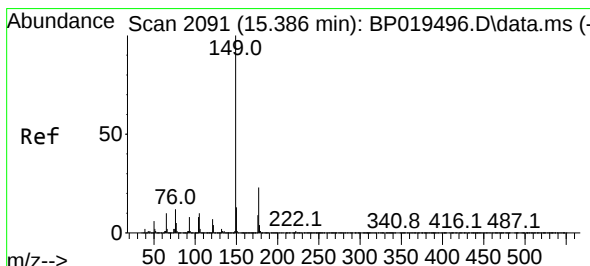
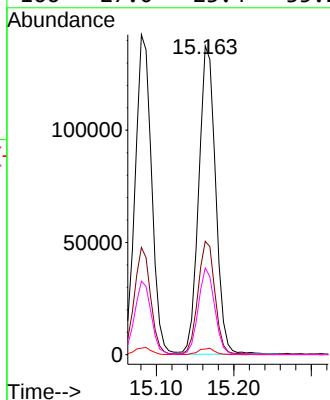
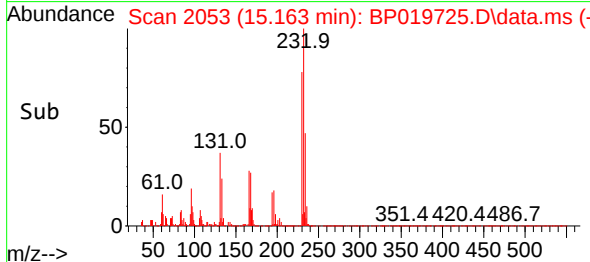
Instrument :
BNA_P
ClientSampleId :
VNJ-205MS



Tgt Ion:232 Resp: 20717
Ion Ratio Lower Upper
232 100
131 37.1 32.4 48.6
130 2.0 1.9 2.9
166 27.0 23.4 35.2

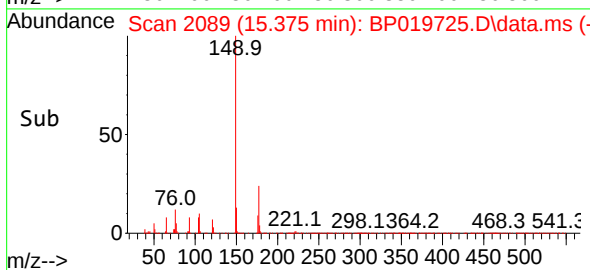
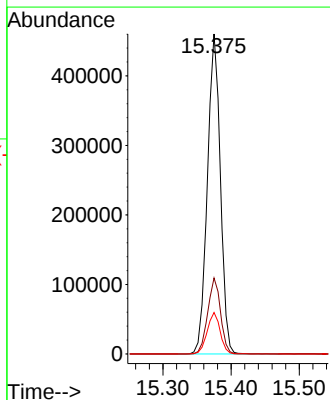
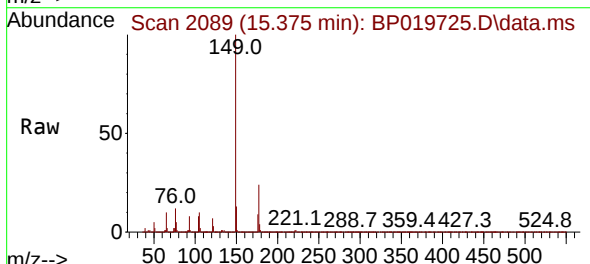
Manual Integrations
APPROVED

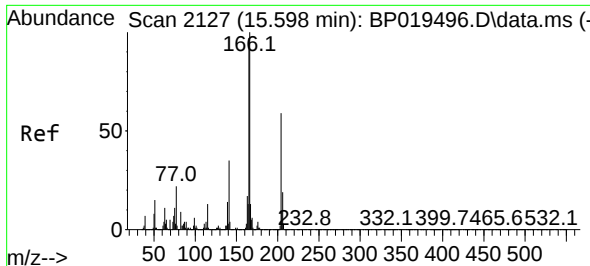
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#60
Diethylphthalate
Concen: 44.102 ng
RT: 15.375 min Scan# 2089
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

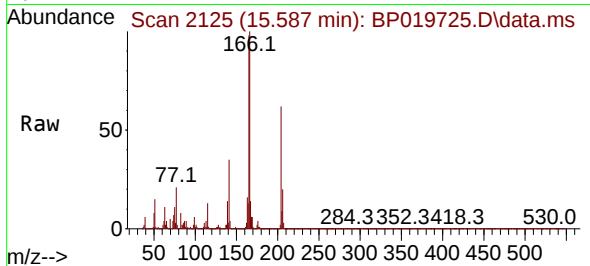
Tgt Ion:149 Resp: 608629
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.2
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.491 ng
RT: 15.587 min Scan# 2125
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

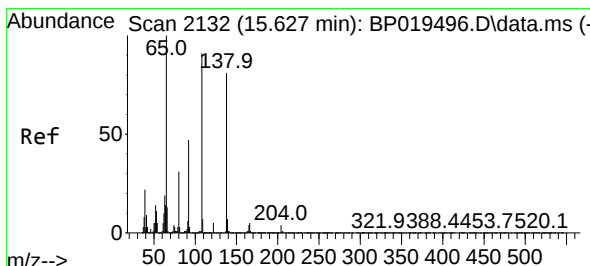
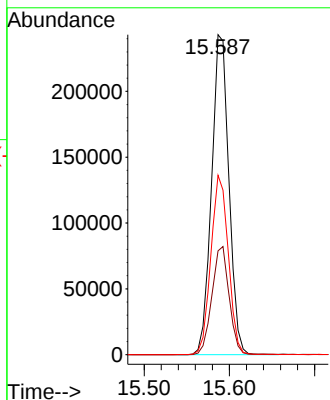
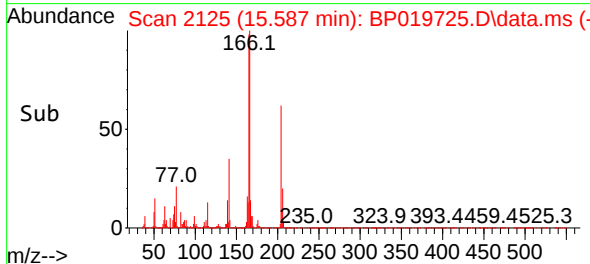
Instrument :
BNA_P
ClientSampleId :
VNJ-205MS



Tgt Ion:204 Resp: 34294
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 56.1 48.5 72.7

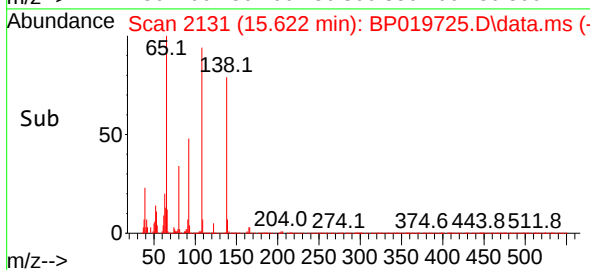
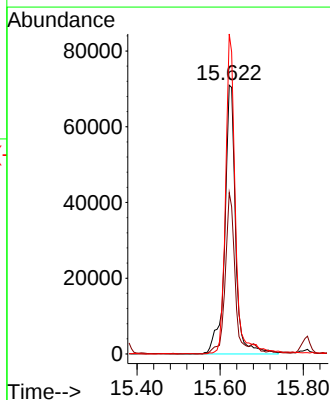
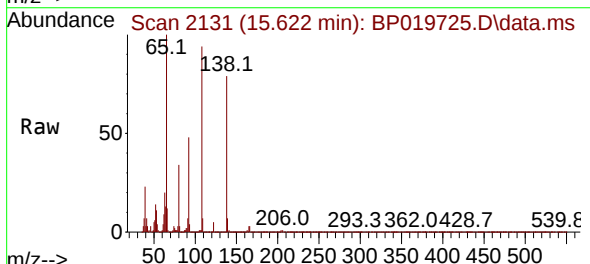
Manual Integrations
APPROVED

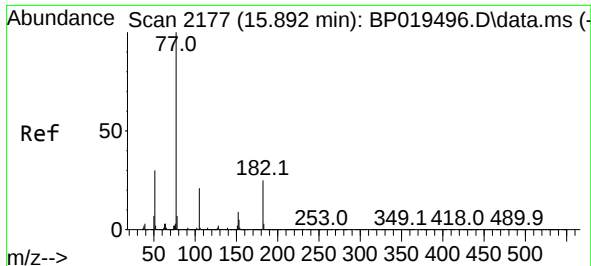
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#62
4-Nitroaniline
Concen: 43.748 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:138 Resp: 128462
Ion Ratio Lower Upper
138 100
92 60.0 38.3 78.3
108 119.0 91.2 131.2





#63
Azobenzene
Concen: 42.580 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

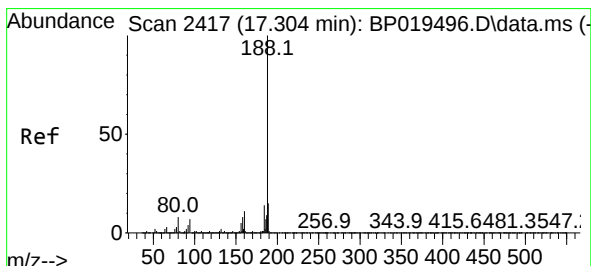
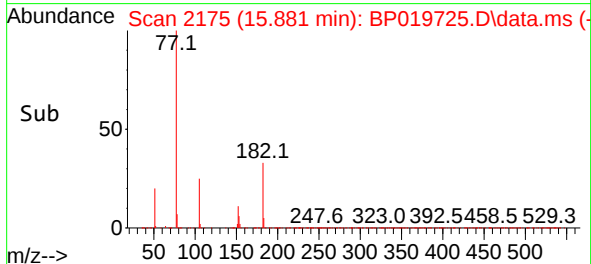
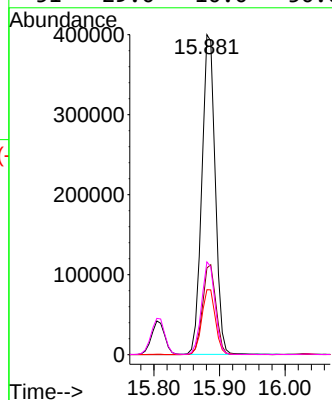
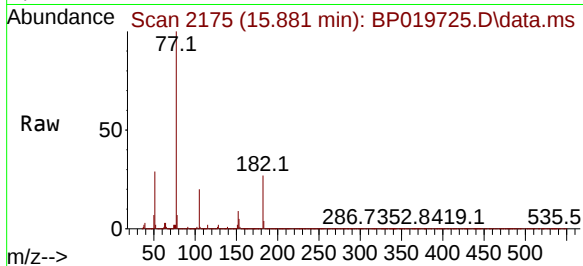
ClientSampleId :

VNJ-205MS

Tgt Ion: 77 Resp: 56823
Ion Ratio Lower Upper
77 100
182 27.1 5.1 45.1
105 20.3 0.8 40.8
51 29.0 10.0 50.0

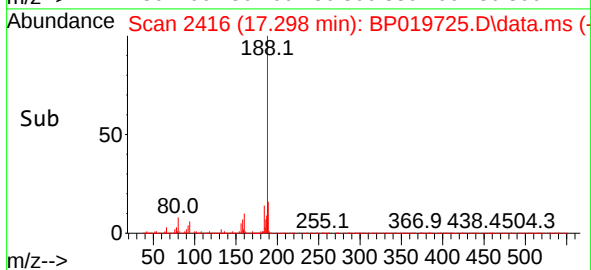
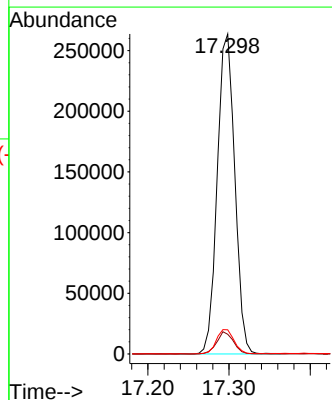
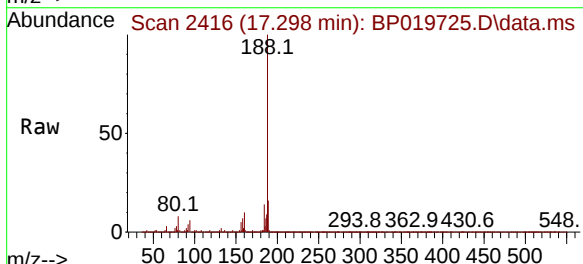
Manual Integrations
APPROVED

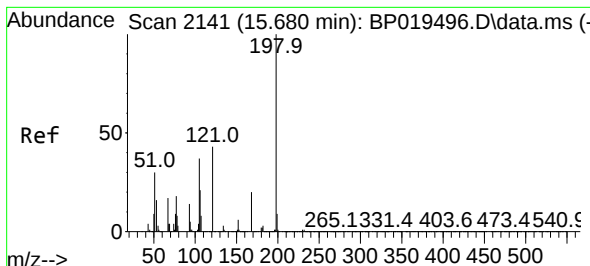
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:188 Resp: 396039
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.2
80 7.6 6.3 9.5





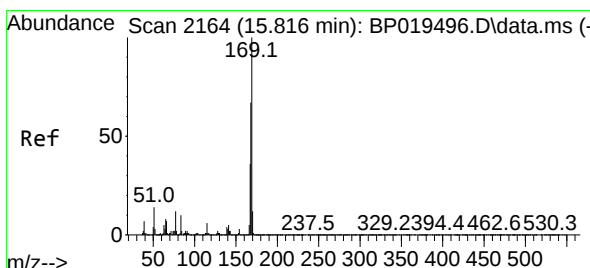
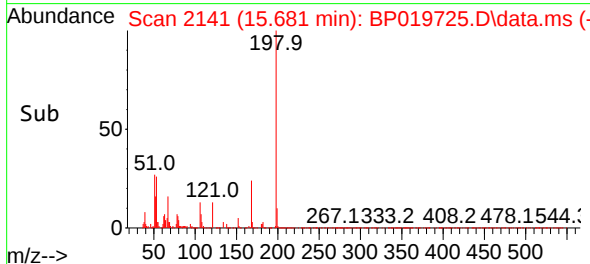
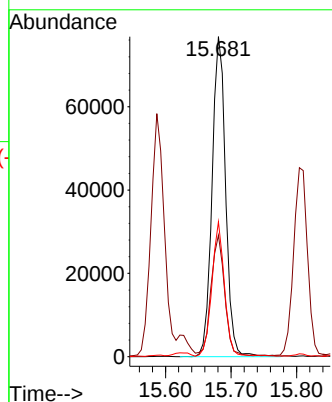
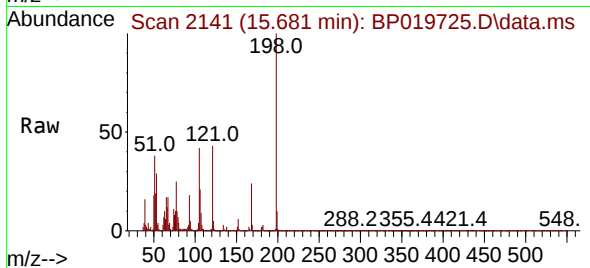
#65
4,6-Dinitro-2-methylphenol
Concen: 48.993 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :
BNA_P
ClientSampleId :
VNJ-205MS

Tgt Ion:198 Resp: 11063
Ion Ratio Lower Upper
198 100
51 37.9 21.2 61.2
105 42.2 19.1 59.1

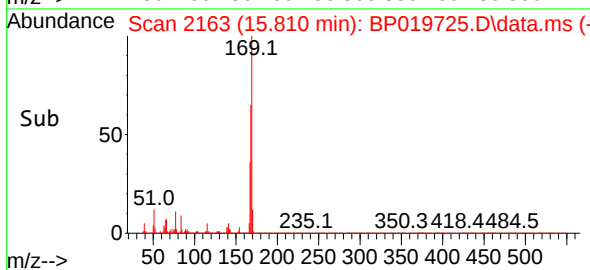
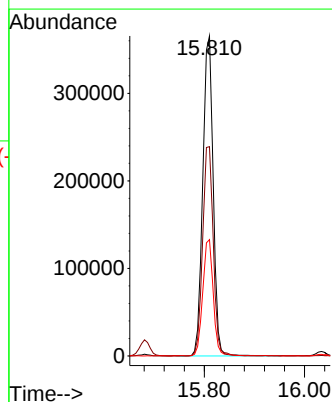
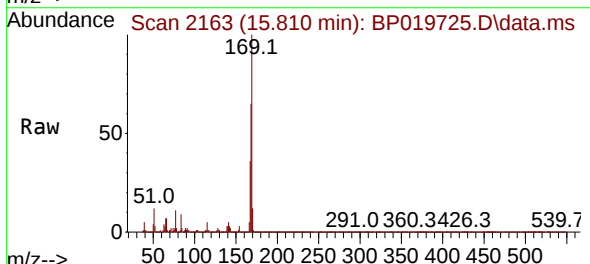
Manual Integrations
APPROVED

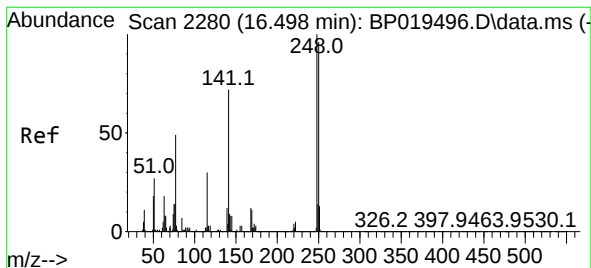
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#66
n-Nitrosodiphenylamine
Concen: 44.262 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:169 Resp: 524989
Ion Ratio Lower Upper
169 100
168 65.4 53.4 80.2
167 36.3 28.9 43.3





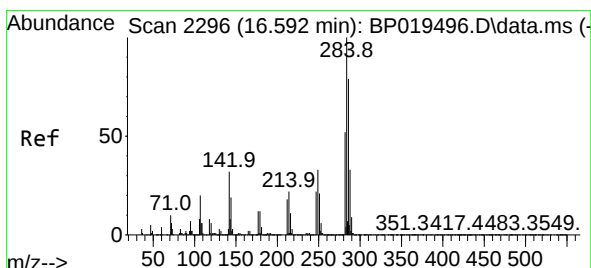
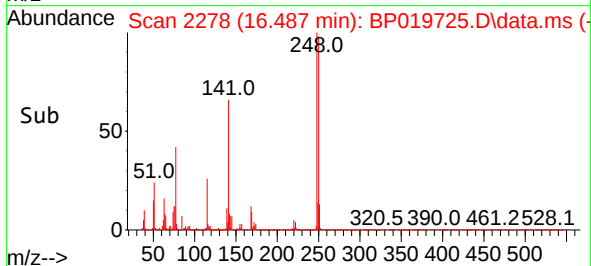
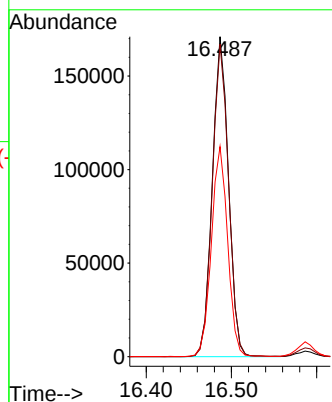
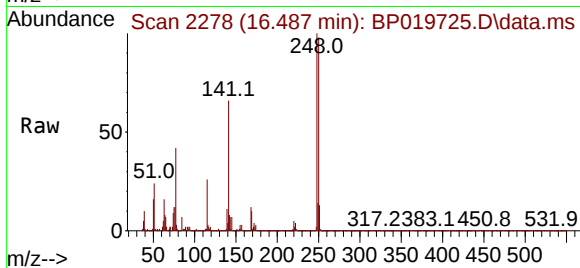
#67
4-Bromophenyl-phenylether
Concen: 45.610 ng
RT: 16.487 min Scan# 2280
Delta R.T. -0.011 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :
BNA_P
ClientSampleId :
VNJ-205MS

Tgt Ion:248 Resp: 225812
Ion Ratio Lower Upper
248 100
250 97.7 76.9 115.3
141 65.7 58.0 87.0

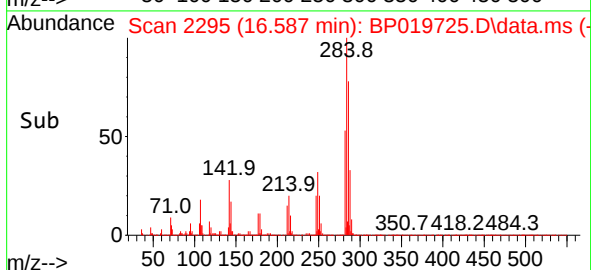
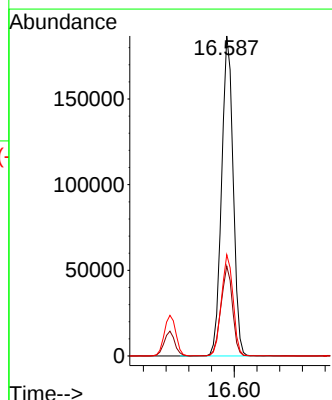
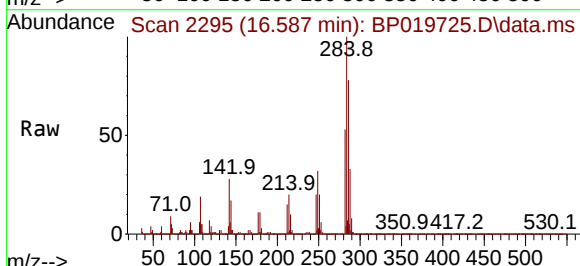
Manual Integrations
APPROVED

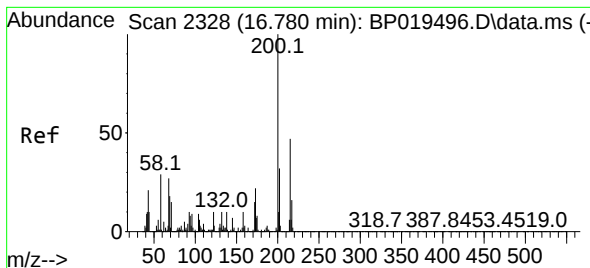
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#68
Hexachlorobenzene
Concen: 45.685 ng
RT: 16.587 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:284 Resp: 264134
Ion Ratio Lower Upper
284 100
142 28.1 25.4 38.2
249 31.6 26.5 39.7





#69

Atrazine

Concen: 53.160 ng

RT: 16.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

VNJ-205MS

Tgt Ion:200 Resp: 20923

Ion Ratio Lower Upper

200 100

173 22.3 1.7 41.7

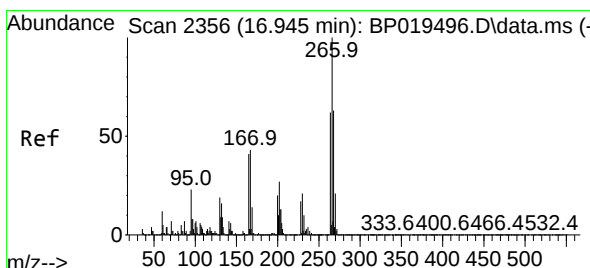
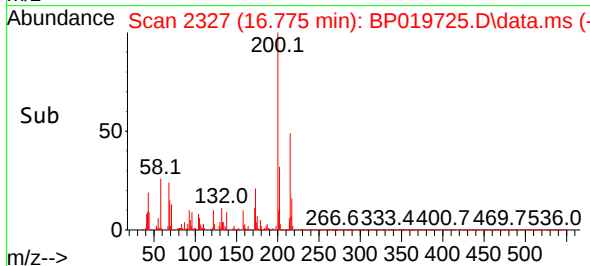
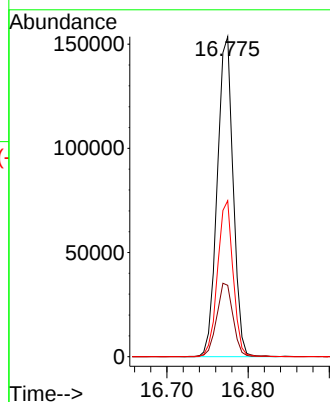
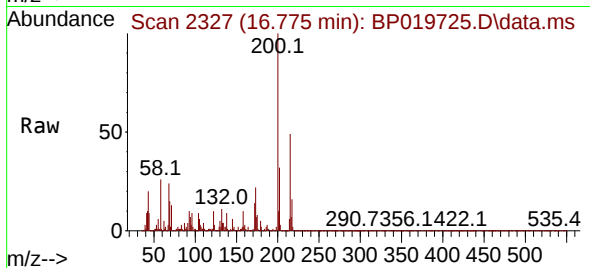
215 48.8 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#70

Pentachlorophenol

Concen: 100.801 ng

RT: 16.939 min Scan# 2355

Delta R.T. -0.006 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

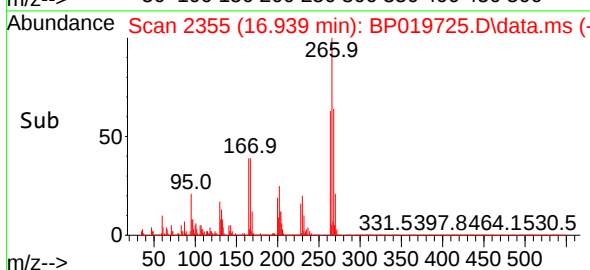
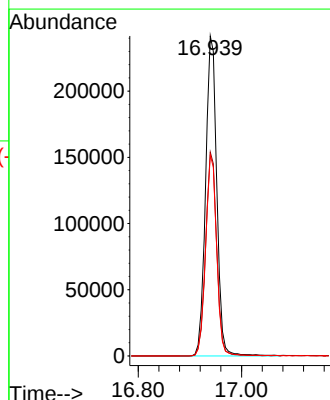
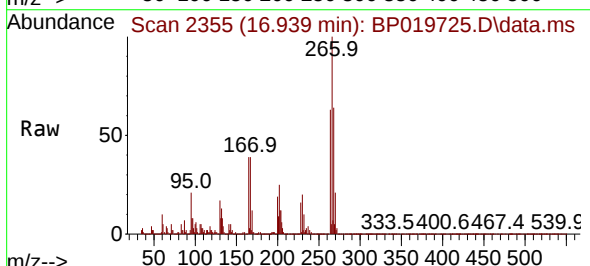
Tgt Ion:266 Resp: 362930

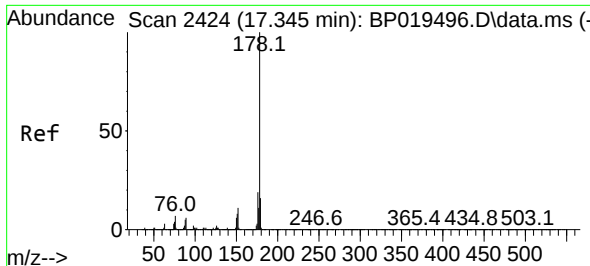
Ion Ratio Lower Upper

266 100

268 63.7 50.3 75.5

264 62.8 49.7 74.5





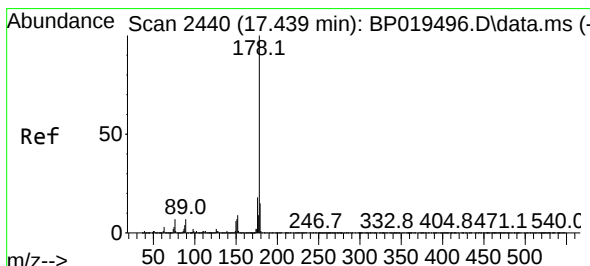
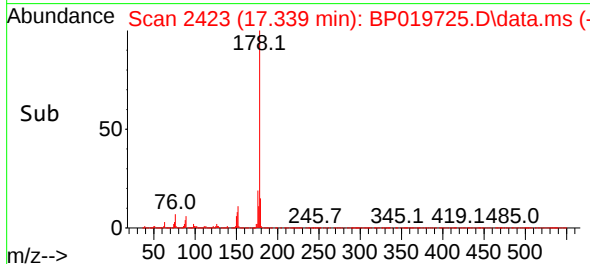
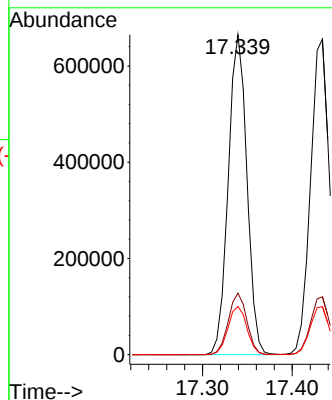
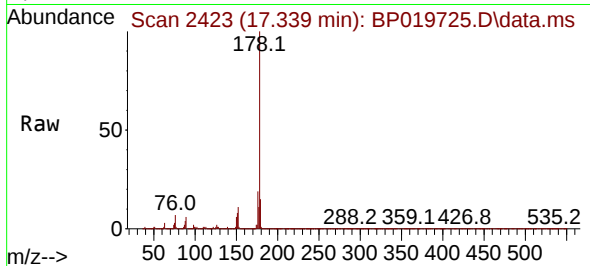
#71
Phenanthrene
Concen: 45.984 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :
BNA_P
ClientSampleId :
VNJ-205MS

Tgt Ion:178 Resp: 958408
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.0 12.6 19.0

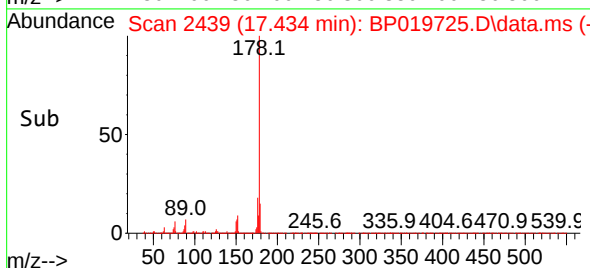
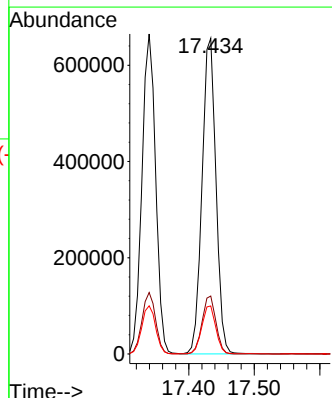
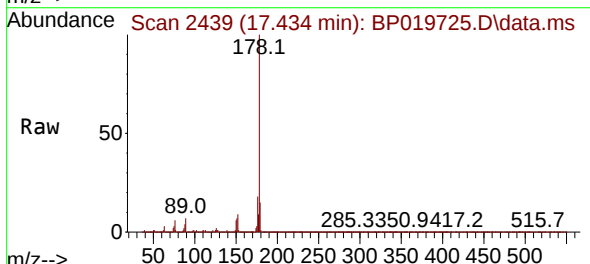
Manual Integrations
APPROVED

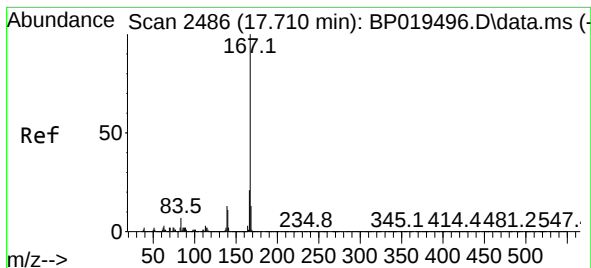
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#72
Anthracene
Concen: 46.588 ng
RT: 17.434 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:178 Resp: 968619
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.2 12.2 18.2





#73

Carbazole

Concen: 44.880 ng

RT: 17.710 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

VNJ-205MS

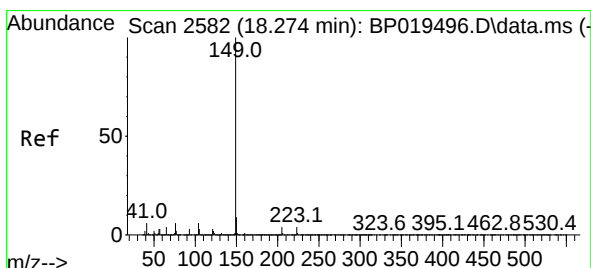
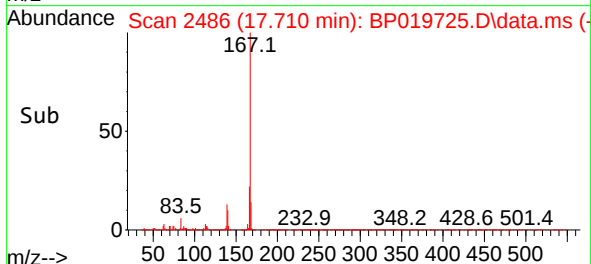
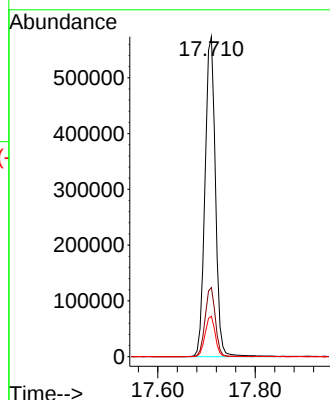
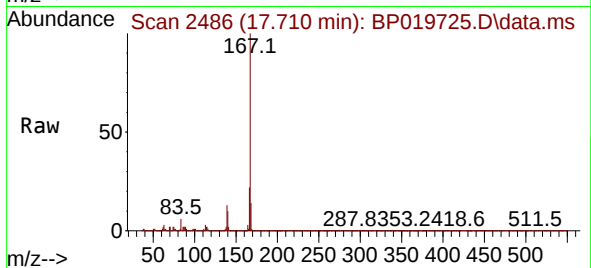
Tgt Ion:	167	Resp:	84768
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.2	25.8
139	12.7	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#74

Di-n-butylphthalate

Concen: 42.530 ng

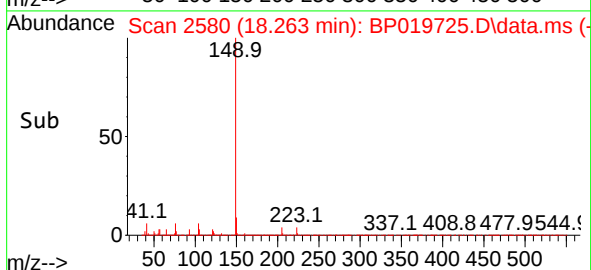
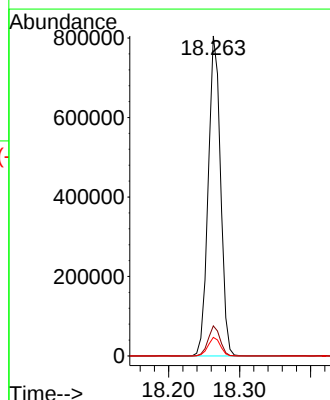
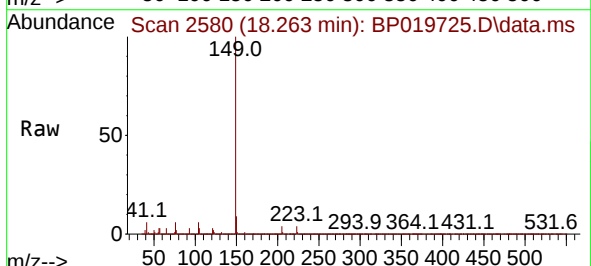
RT: 18.263 min Scan# 2580

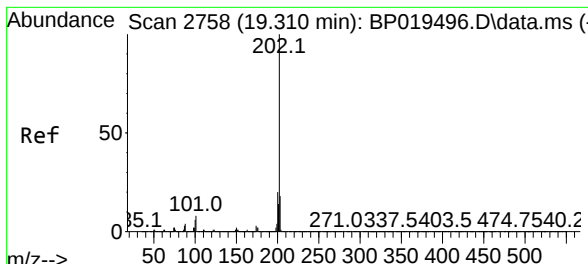
Delta R.T. -0.011 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

Tgt Ion:	149	Resp:	971283
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.3	10.9
104	5.8	4.8	7.2





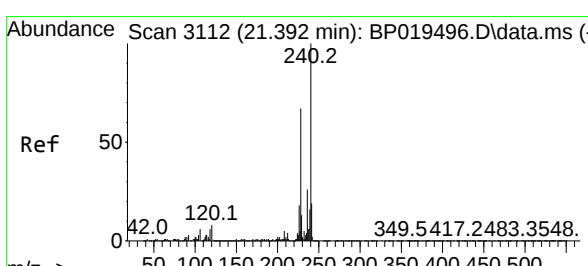
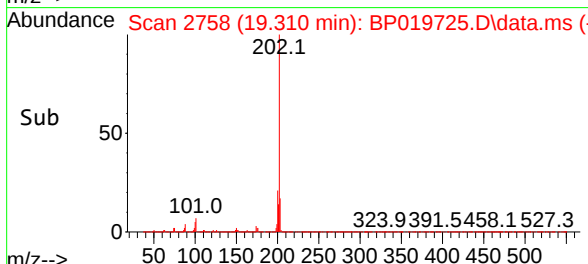
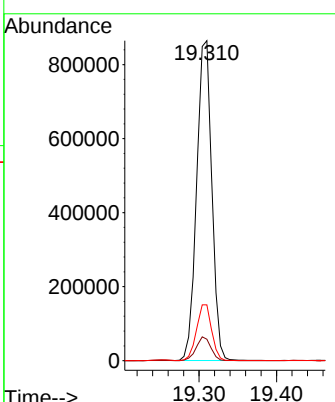
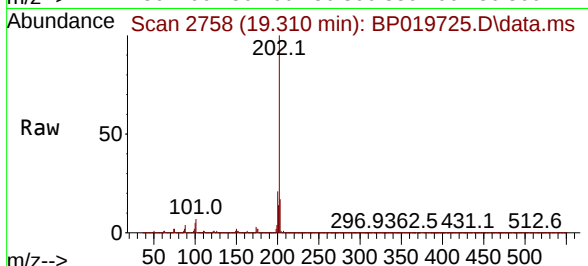
#75
 Fluoranthene
 Concen: 46.152 ng
 RT: 19.310 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP019725.D
 Acq: 15 Feb 2024 16:20

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-205MS

Tgt Ion:202 Resp: 117507

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	27.7
203	17.4	0.0	37.5

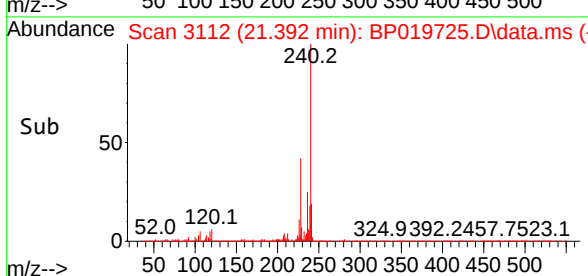
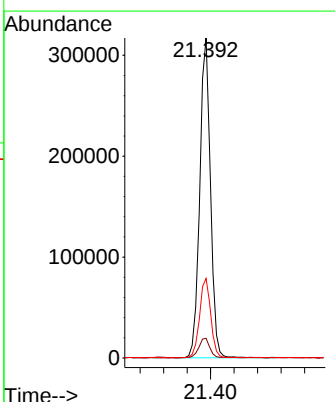
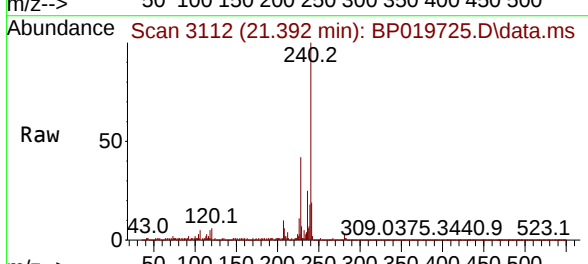
Manual Integrations
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 Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/17/2024

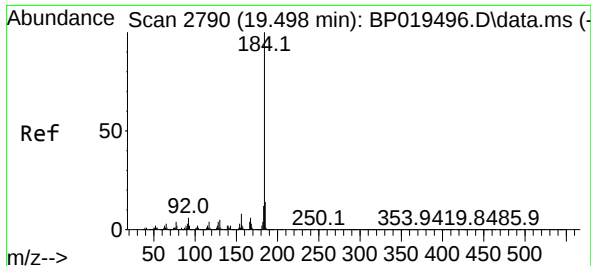


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.392 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BP019725.D
 Acq: 15 Feb 2024 16:20

Tgt Ion:240 Resp: 401008

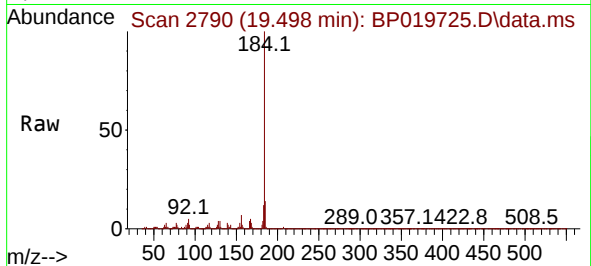
Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.1	9.1
236	24.9	20.7	31.1





#77
Benzidine
Concen: 70.285 ng
RT: 19.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

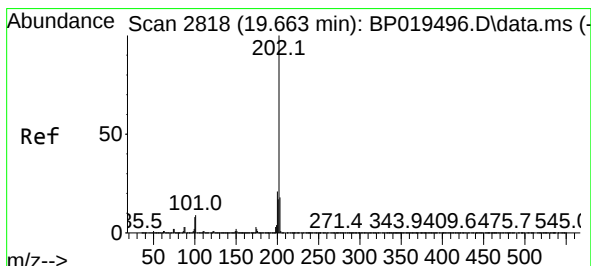
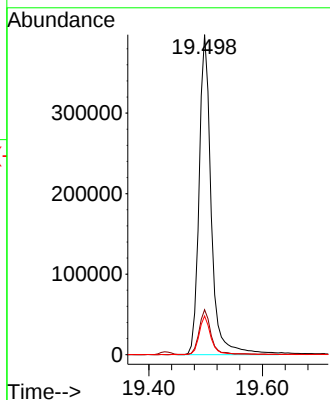
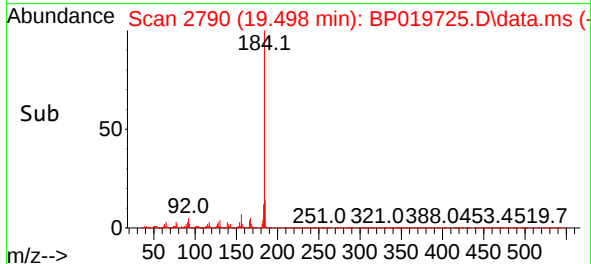
Instrument :
BNA_P
ClientSampleId :
VNJ-205MS



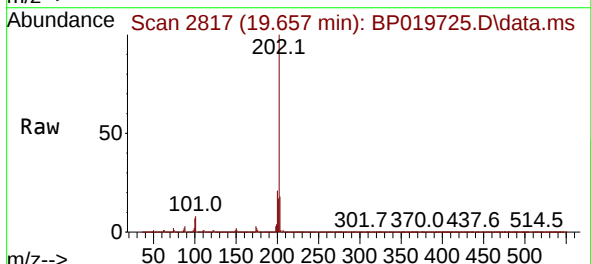
Tgt Ion:184 Resp: 589249
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 12.1 9.7 14.5

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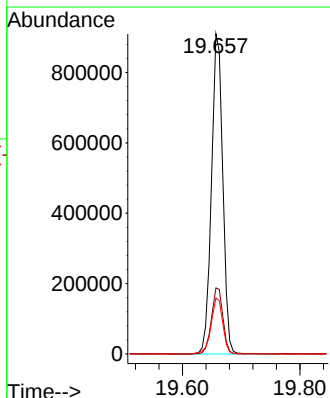
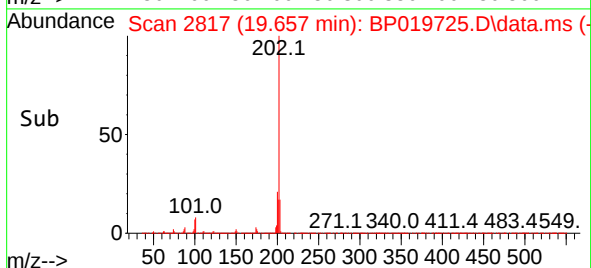
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#78
Pyrene
Concen: 42.956 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20



Tgt Ion:202 Resp: 1215729
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.5 14.2 21.2





#79
 Terphenyl-d14
 Concen: 42.499 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019725.D
 Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

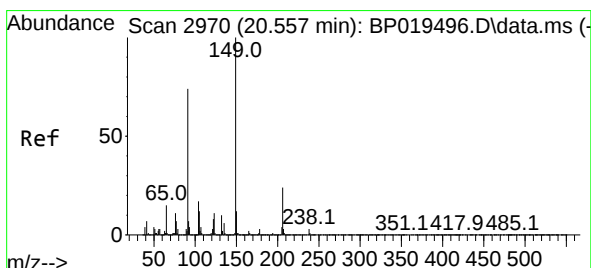
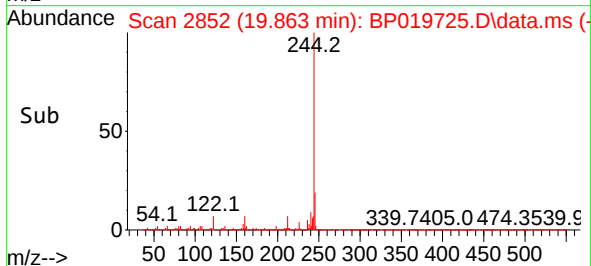
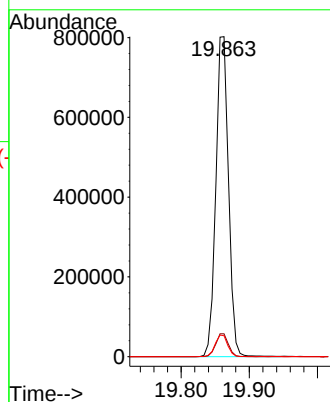
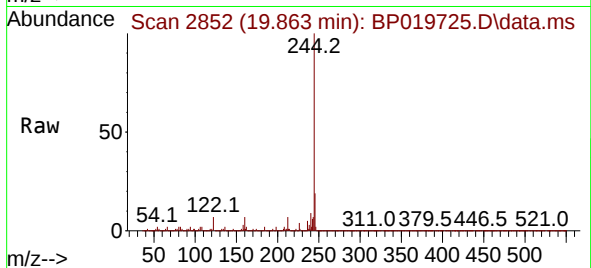
VNJ-205MS

Tgt Ion:244 Resp: 103631
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.6 5.9 8.9

Manual Integrations

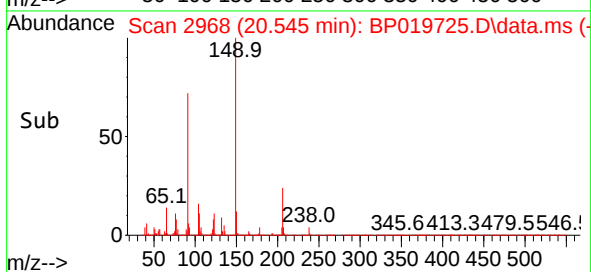
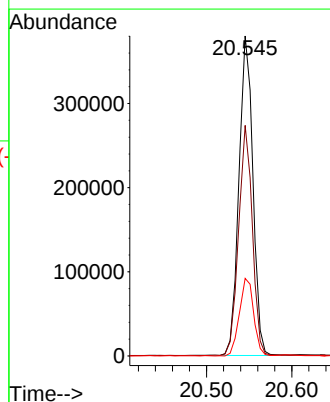
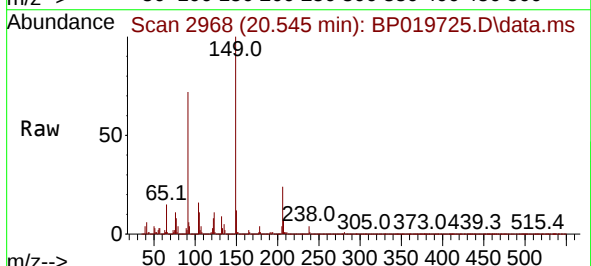
APPROVED

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



#80
 Butylbenzylphthalate
 Concen: 40.915 ng
 RT: 20.545 min Scan# 2968
 Delta R.T. -0.011 min
 Lab File: BP019725.D
 Acq: 15 Feb 2024 16:20

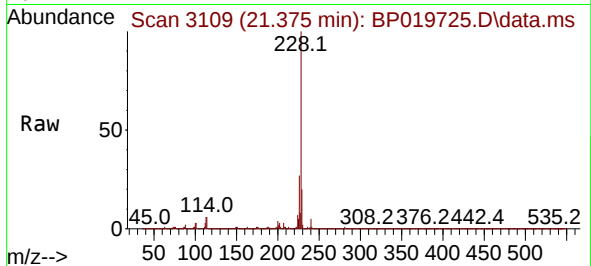
Tgt Ion:149 Resp: 432435
 Ion Ratio Lower Upper
 149 100
 91 72.1 59.4 89.0
 206 24.3 19.0 28.6





#81
Benzo(a)anthracene
Concen: 46.470 ng
RT: 21.375 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

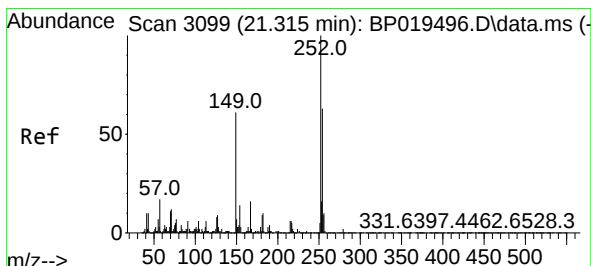
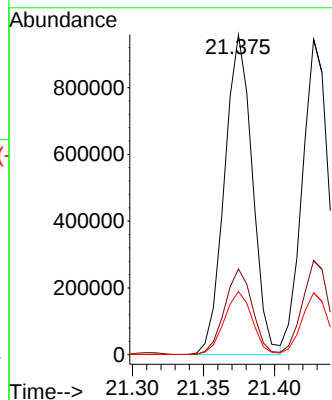
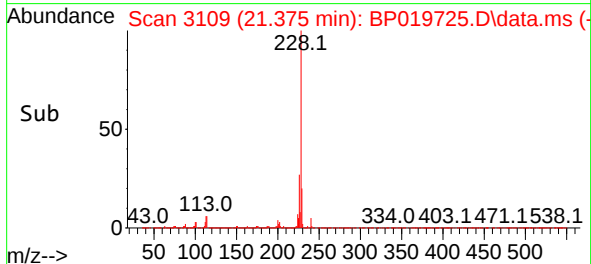
Instrument :
BNA_P
ClientSampleId :
VNJ-205MS



Tgt Ion:228 Resp: 1311750
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.8 15.6 23.4

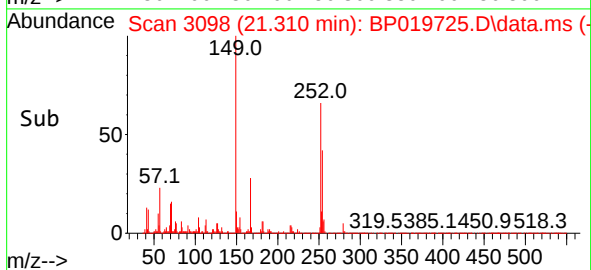
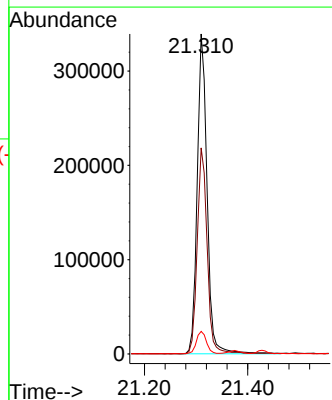
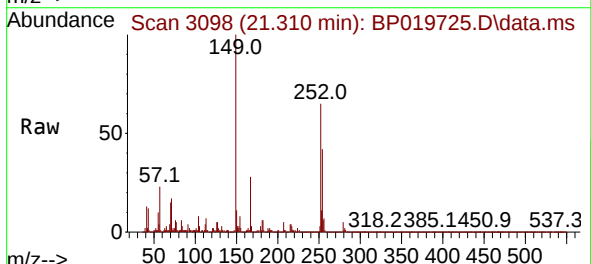
Manual Integrations
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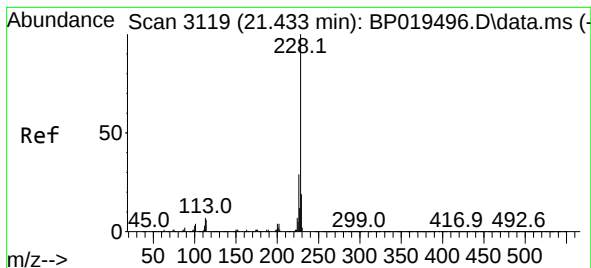
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#82
3,3'-Dichlorobenzidine
Concen: 43.773 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:252 Resp: 450265
Ion Ratio Lower Upper
252 100
254 64.4 50.7 76.1
126 7.1 6.4 9.6





#83

Chrysene

Concen: 45.017 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

VNJ-205MS

Tgt Ion:228 Resp: 120645

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

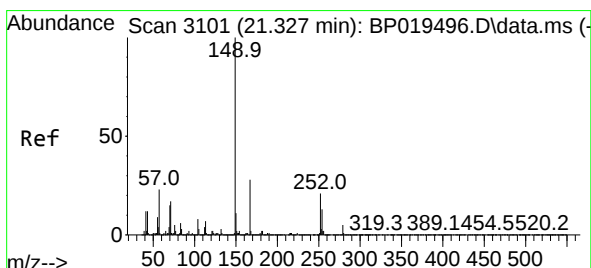
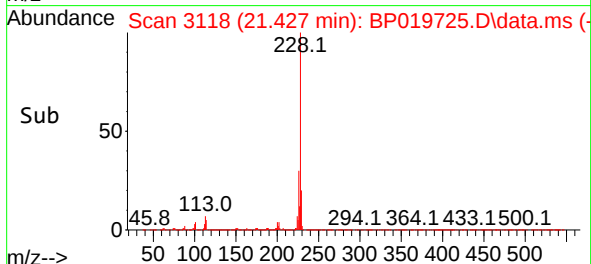
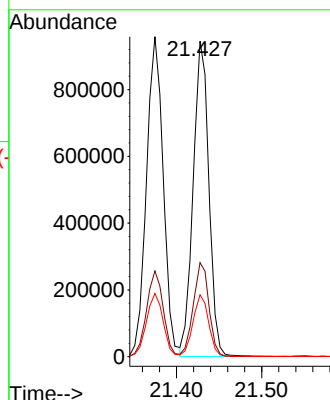
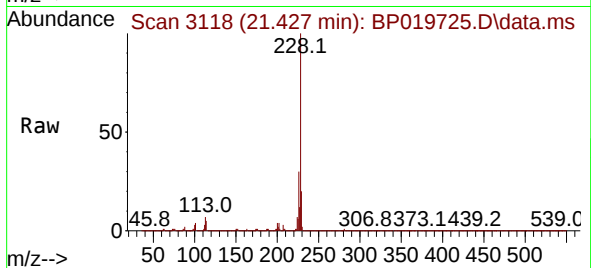
229 19.6 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.438 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.017 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

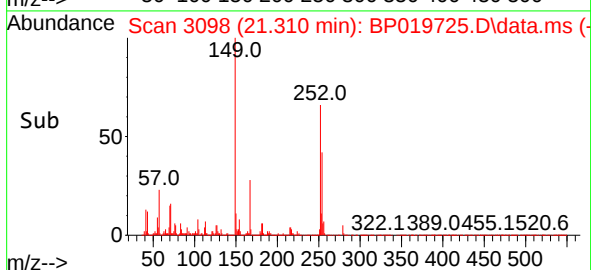
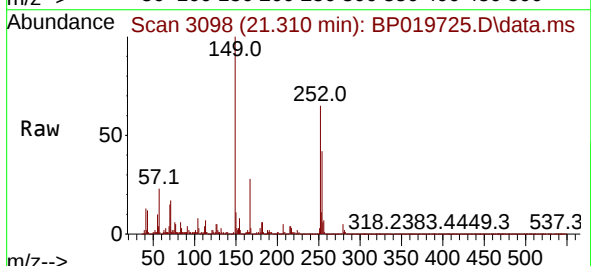
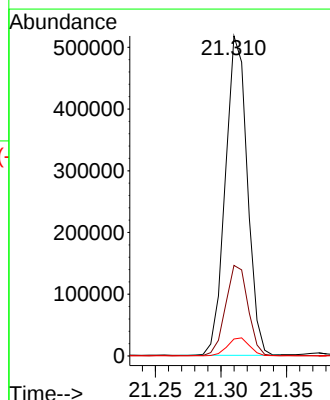
Tgt Ion:149 Resp: 602531

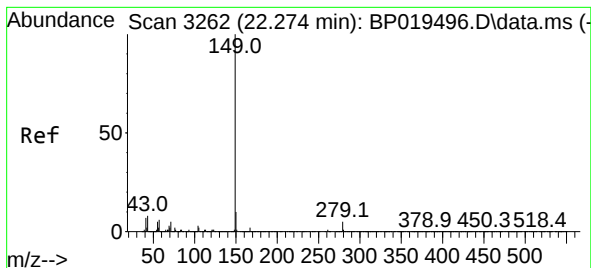
Ion Ratio Lower Upper

149 100

167 28.3 22.7 34.1

279 5.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 37.616 ng

RT: 22.251 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

VNJ-205MS

Tgt Ion:149 Resp: 106514

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

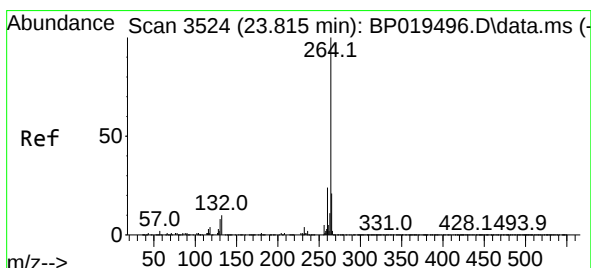
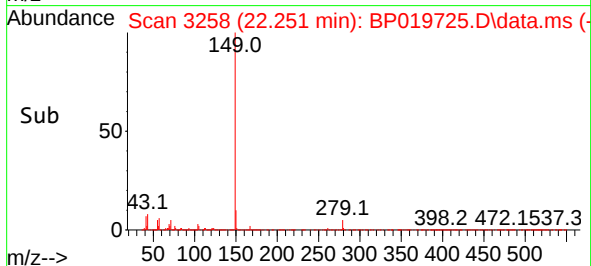
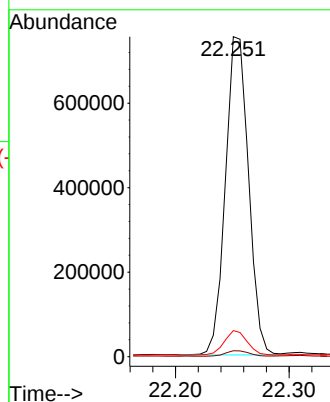
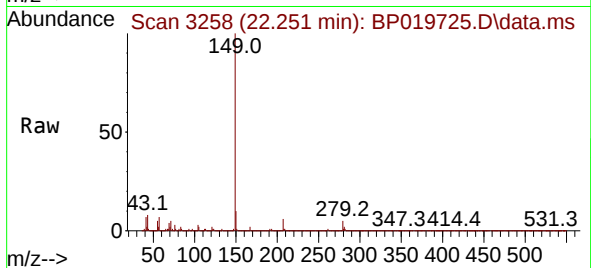
43 7.6 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

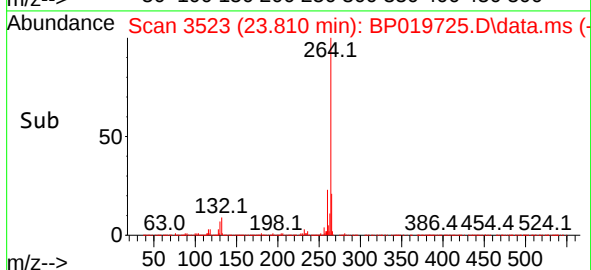
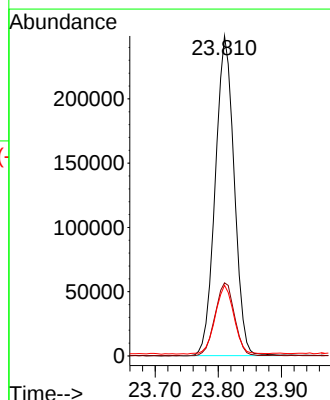
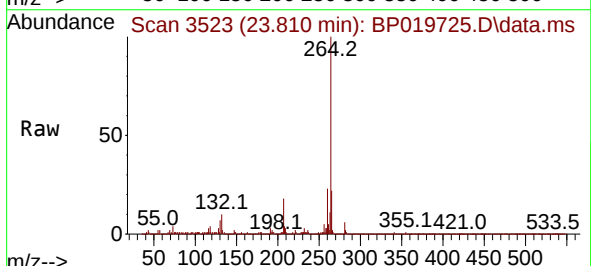
Tgt Ion:264 Resp: 516876

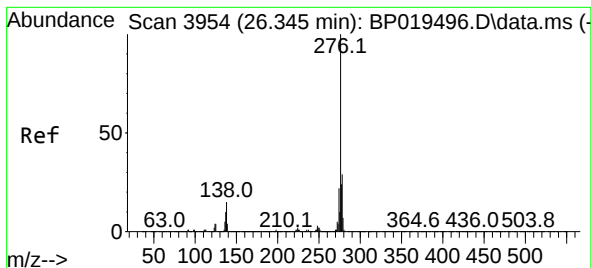
Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 22.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.772 ng

RT: 26.345 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

VNJ-205MS

Tgt Ion:276 Resp: 1810978

Ion Ratio Lower Upper

276 100

138 13.8 13.1 19.7

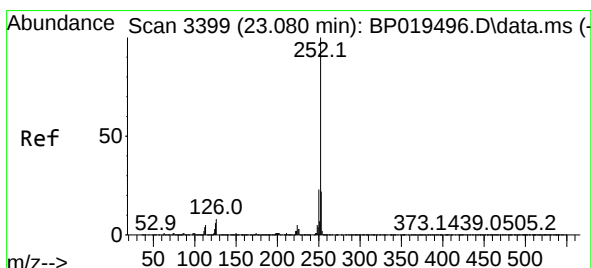
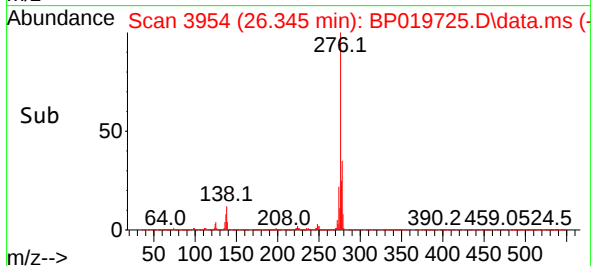
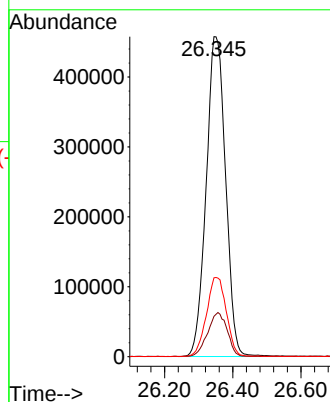
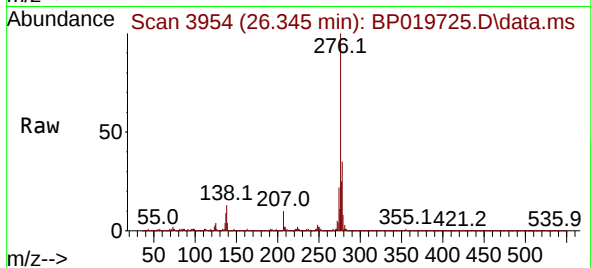
277 25.2 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#88

Benzo(b)fluoranthene

Concen: 44.573 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019725.D

Acq: 15 Feb 2024 16:20

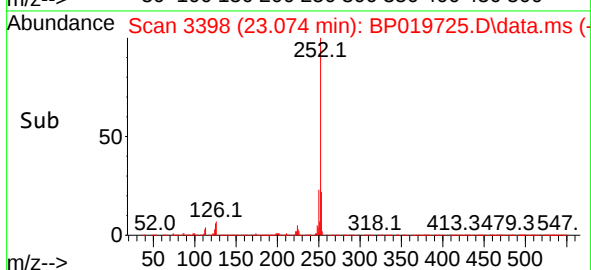
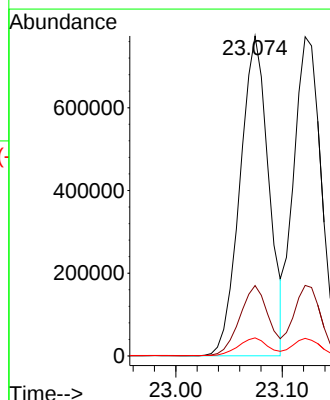
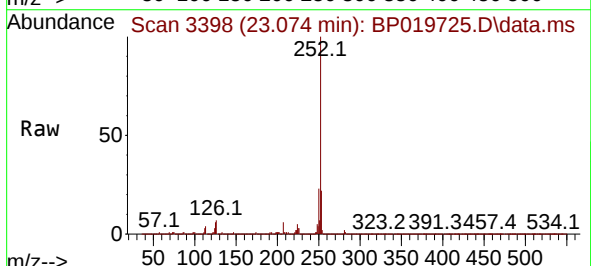
Tgt Ion:252 Resp: 1452039

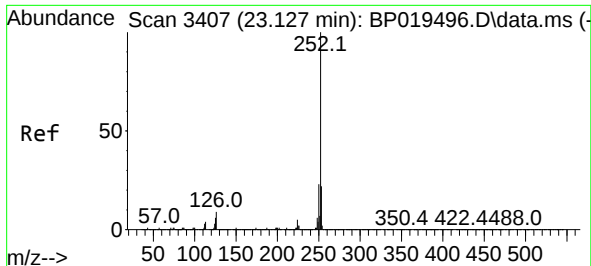
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 5.7 4.9 7.3





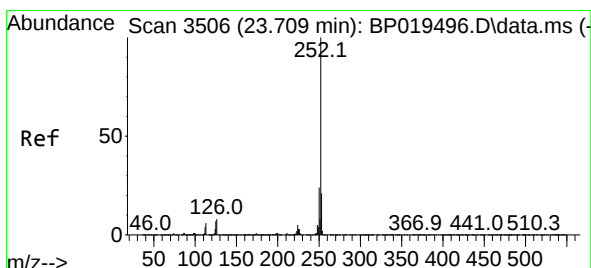
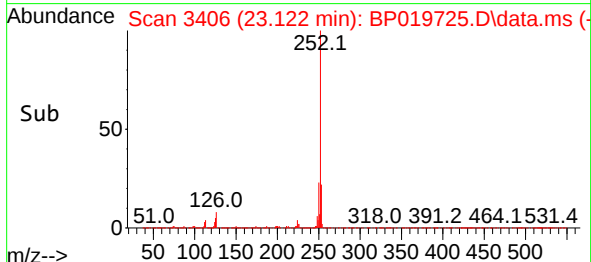
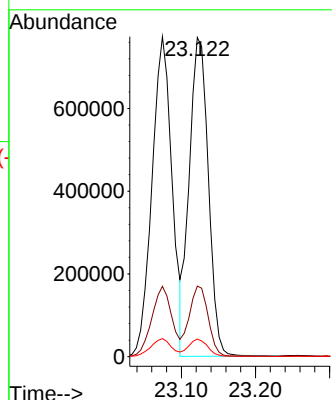
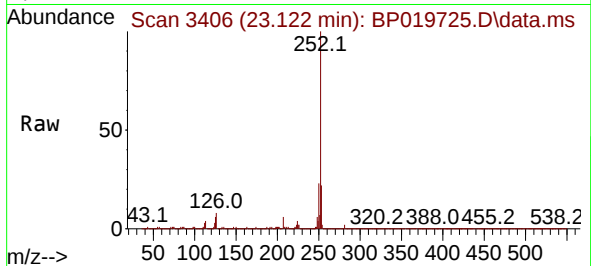
#89
Benzo(k)fluoranthene
Concen: 44.317 ng
RT: 23.122 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Instrument :
BNA_P
ClientSampleId :
VNJ-205MS

Tgt Ion:252 Resp: 1379064
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 5.5 5.0 7.6

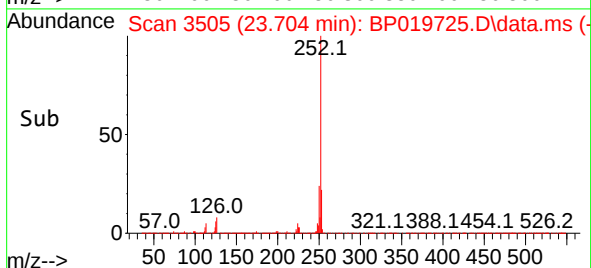
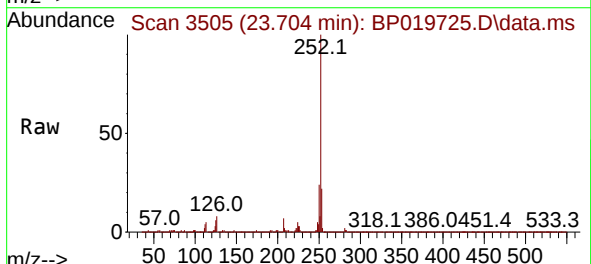
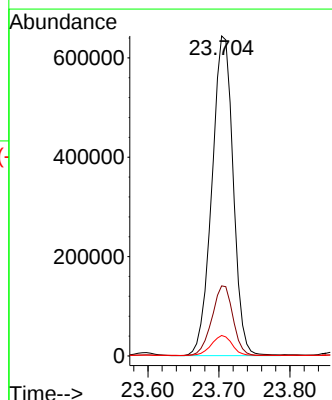
Manual Integrations
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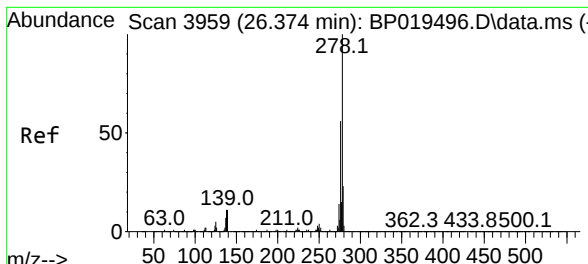
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#90
Benzo(a)pyrene
Concen: 46.023 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019725.D
Acq: 15 Feb 2024 16:20

Tgt Ion:252 Resp: 1333989
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 6.4 5.6 8.4





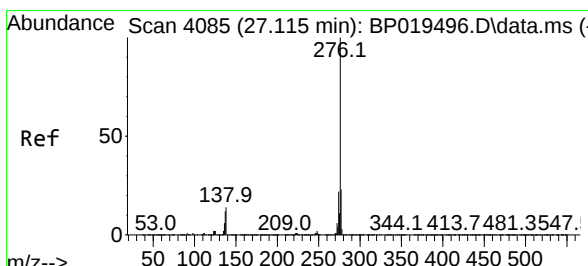
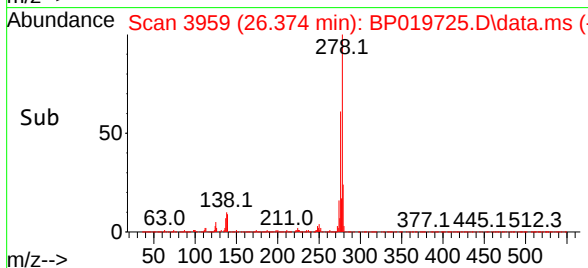
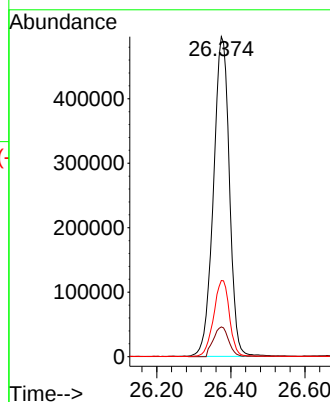
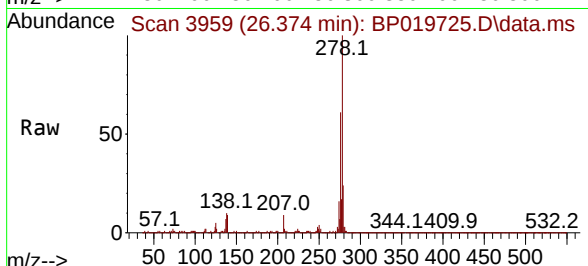
#91
 Dibenzo(a,h)anthracene
 Concen: 45.600 ng
 RT: 26.374 min Scan# 3959
 Delta R.T. 0.000 min
 Lab File: BP019725.D
 Acq: 15 Feb 2024 16:20

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-205MS

Tgt Ion:278 Resp: 148385
 Ion Ratio Lower Upper
 278 100
 139 9.3 8.6 12.8
 279 23.8 18.5 27.7

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



#92
 Benzo(g,h,i)perylene
 Concen: 43.289 ng
 RT: 27.127 min Scan# 4087
 Delta R.T. 0.012 min
 Lab File: BP019725.D
 Acq: 15 Feb 2024 16:20

Tgt Ion:276 Resp: 1429066
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.6 28.0
 138 11.4 10.9 16.3

