

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052224\
 Data File : BP020444.D
 Acq On : 22 May 2024 20:53
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP052224

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 23 02:18:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 02:14:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	142103	20.000	ng	0.00
21) Naphthalene-d8	10.322	136	550869	20.000	ng	0.00
39) Acenaphthene-d10	14.228	164	366184	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	783710	20.000	ng	0.00
76) Chrysene-d12	21.551	240	778996	20.000	ng	0.00
86) Perylene-d12	24.851	264	886435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	580144	75.364	ng	0.00
7) Phenol-d6	6.746	99	762674	70.767	ng	0.00
23) Nitrobenzene-d5	8.716	82	864126	75.054	ng	0.00
42) 2,4,6-Tribromophenol	15.775	330	377598	79.364	ng	0.00
45) 2-Fluorobiphenyl	12.828	172	1906982	71.969	ng	0.00
79) Terphenyl-d14	19.833	244	3345094	73.467	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	128192	38.073	ng	99
3) Pyridine	3.570	79	301892	36.149	ng	98
4) n-Nitrosodimethylamine	3.493	42	150890	37.435	ng	93
6) Aniline	6.905	93	447216	43.682	ng	99
8) 2-Chlorophenol	7.122	128	327662	37.940	ng	98
9) Benzaldehyde	6.728	77	199002	32.694	ng	99
10) Phenol	6.769	94	410992	37.838	ng	99
11) bis(2-Chloroethyl)ether	7.005	93	328324	37.956	ng	99
12) 1,3-Dichlorobenzene	7.440	146	384417	37.032	ng	98
13) 1,4-Dichlorobenzene	7.587	146	391793	36.817	ng	99
14) 1,2-Dichlorobenzene	7.899	146	371552	36.476	ng	98
15) Benzyl Alcohol	7.811	79	335500	37.672	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.063	45	386455	39.020	ng	99
17) 2-Methylphenol	7.999	107	277016	38.322	ng	98
18) Hexachloroethane	8.599	117	151327	37.430	ng	97
19) n-Nitroso-di-n-propyla...	8.363	70	279202	37.877	ng	100
20) 3+4-Methylphenols	8.328	107	380001	38.171	ng	99
22) Acetophenone	8.381	105	544619	38.745	ng	# 99
24) Nitrobenzene	8.758	77	416049	36.686	ng	99
25) Isophorone	9.281	82	747389	39.124	ng	98
26) 2-Nitrophenol	9.457	139	185490	39.719	ng	99
27) 2,4-Dimethylphenol	9.516	122	226052	41.640	ng	98
28) bis(2-Chloroethoxy)met...	9.757	93	435979	39.486	ng	99
29) 2,4-Dichlorophenol	9.993	162	326471	40.098	ng	99
30) 1,2,4-Trichlorobenzene	10.187	180	380904	37.492	ng	99
31) Naphthalene	10.375	128	1027147	36.937	ng	100
32) Benzoic acid	9.710	122	226847	37.330	ng	98
33) 4-Chloroaniline	10.510	127	402437	42.740	ng	98
34) Hexachlorobutadiene	10.634	225	253661	35.461	ng	97
35) Caprolactam	11.334	113	101670	43.949	ng	92
36) 4-Chloro-3-methylphenol	11.646	107	371014	39.417	ng	96
37) 2-Methylnaphthalene	12.004	142	723161	37.937	ng	99
38) 1-Methylnaphthalene	12.222	142	669105	35.396	ng	99
40) 1,2,4,5-Tetrachloroben...	12.381	216	451389	37.935	ng	99
41) Hexachlorocyclopentadiene	12.334	237	176668	44.374	ng	98
43) 2,4,6-Trichlorophenol	12.634	196	281056	38.820	ng	100

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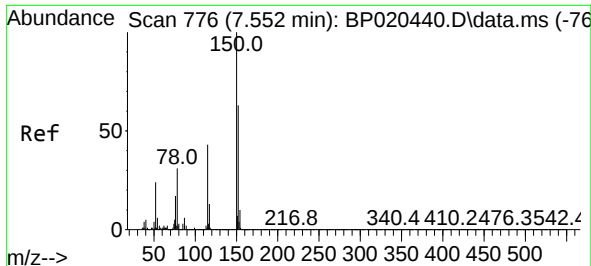
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 Supervised By :mohammad ahmed 05/24/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.722	196	307816	38.781	ng	99
46) 1,1'-Biphenyl	13.046	154	980149	37.989	ng	98
47) 2-Chloronaphthalene	13.087	162	753209	36.331	ng	98
48) 2-Nitroaniline	13.328	65	244954	39.967	ng	97
49) Acenaphthylene	13.945	152	1201596	40.987	ng	99
50) Dimethylphthalate	13.704	163	980969	39.089	ng	98
51) 2,6-Dinitrotoluene	13.834	165	215166	38.223	ng	98
52) Acenaphthene	14.293	154	685189	36.722	ng	99
53) 3-Nitroaniline	14.175	138	203881	42.123	ng	97
54) 2,4-Dinitrophenol	14.404	184	130876	40.164	ng	98
55) Dibenzofuran	14.645	168	1139676	37.855	ng	97
56) 4-Nitrophenol	14.516	139	152001	46.338	ng	96
57) 2,4-Dinitrotoluene	14.651	165	300094	40.008	ng	98
58) Fluorene	15.316	166	926452	37.901	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.881	232	283375	40.889	ng	100
60) Diethylphthalate	15.098	149	979371	39.716	ng	99
61) 4-Chlorophenyl-phenyle...	15.316	204	513937	38.290	ng	97
62) 4-Nitroaniline	15.381	138	198360	45.098	ng	99
63) Azobenzene	15.616	77	946323	39.649	ng	98
65) 4,6-Dinitro-2-methylph...	15.434	198	195492	39.260	ng	98
66) n-Nitrosodiphenylamine	15.540	169	801185	37.004	ng	99
67) 4-Bromophenyl-phenylether	16.234	248	324182	36.657	ng	99
68) Hexachlorobenzene	16.339	284	372281	35.622	ng	98
69) Atrazine	16.545	200	324206	51.355	ng	100
70) Pentachlorophenol	16.716	266	230161	38.856	ng	99
71) Phenanthrene	17.116	178	1451832	38.432	ng	99
72) Anthracene	17.204	178	1485373	40.068	ng	99
73) Carbazole	17.510	167	1332060	40.161	ng	100
74) Di-n-butylphthalate	18.104	149	1697278	42.633	ng	100
75) Fluoranthene	19.228	202	1796957	40.833	ng	99
77) Benzidine	19.445	184	706006	64.778	ng	99
78) Pyrene	19.610	202	1872517	35.525	ng	100
80) Butylbenzylphthalate	20.586	149	783381	41.657	ng	99
81) Benzo(a)anthracene	21.533	228	1919799	39.464	ng	100
82) 3,3'-Dichlorobenzidine	21.469	252	699893	42.203	ng	98
83) Chrysene	21.598	228	1839123	38.420	ng	100
84) Bis(2-ethylhexyl)phtha...	21.480	149	1182986	43.423	ng	100
85) Di-n-octyl phthalate	22.745	149	1996543	44.039	ng	99
87) Indeno(1,2,3-cd)pyrene	28.598	276	2295849m	37.981	ng	
88) Benzo(b)fluoranthene	23.804	252	1932074	38.148	ng	99
89) Benzo(k)fluoranthene	23.874	252	1950369	38.985	ng	99
90) Benzo(a)pyrene	24.698	252	1788698	39.888	ng	98
91) Dibenzo(a,h)anthracene	28.686	278	1868636	37.506	ng	99
92) Benzo(g,h,i)perylene	29.751	276	1778735	34.809	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.552 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

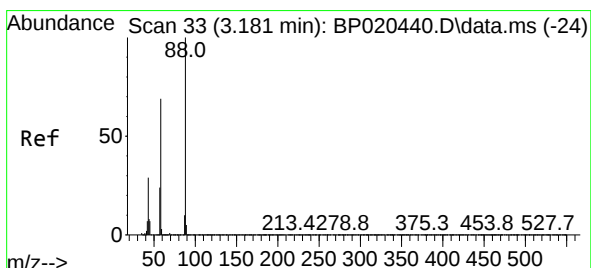
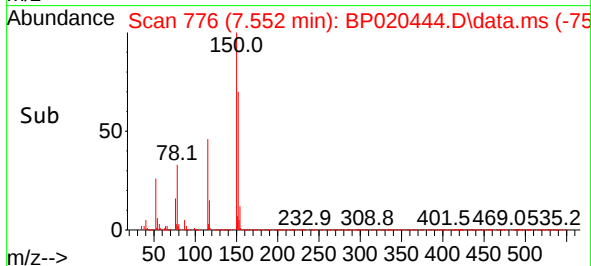
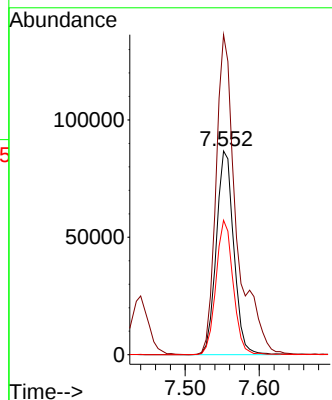
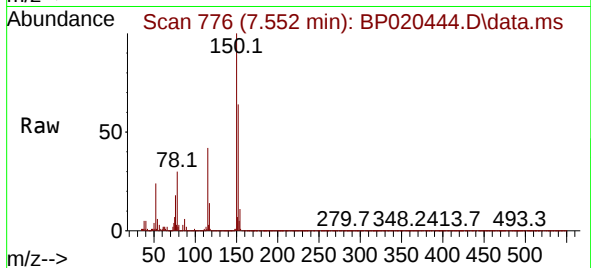
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Tgt Ion:152 Resp: 14210
Ion Ratio Lower Upper
152 100
150 157.1 126.4 189.6
115 66.0 53.8 80.8

Manual Integrations

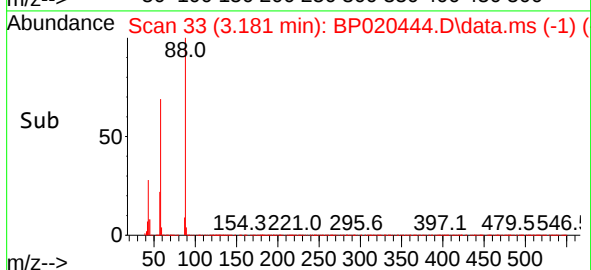
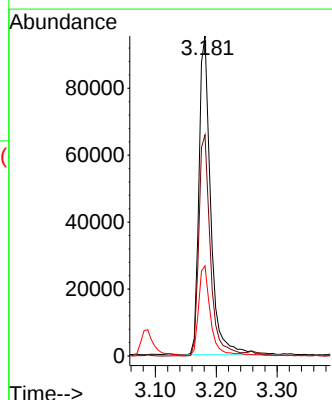
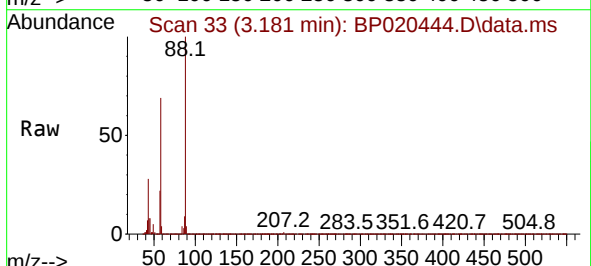
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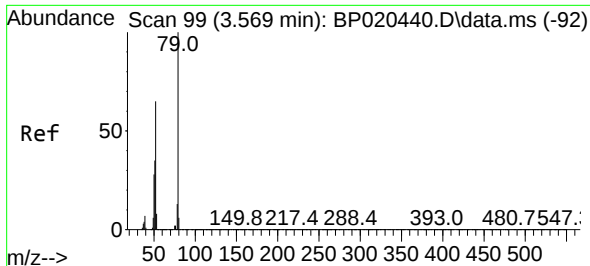
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#2
1,4-Dioxane
Concen: 38.073 ng
RT: 3.181 min Scan# 33
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion: 88 Resp: 128192
Ion Ratio Lower Upper
88 100
58 68.3 55.5 83.3
43 28.8 22.6 34.0





#3
 Pyridine
 Concen: 36.149 ng
 RT: 3.570 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: BP020444.D
 Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

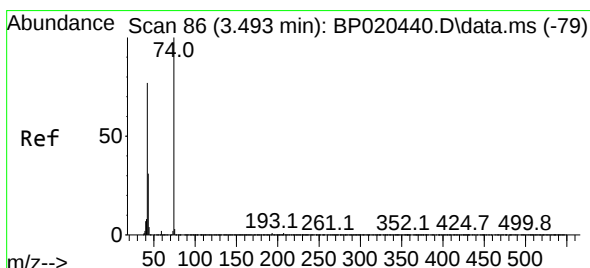
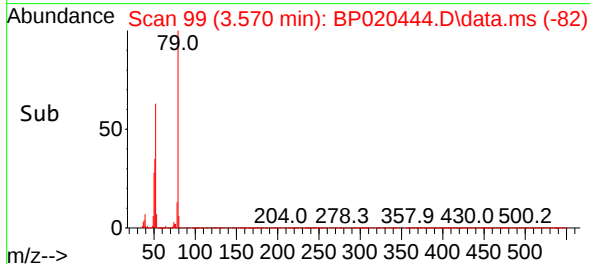
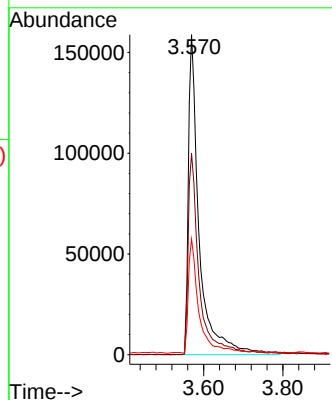
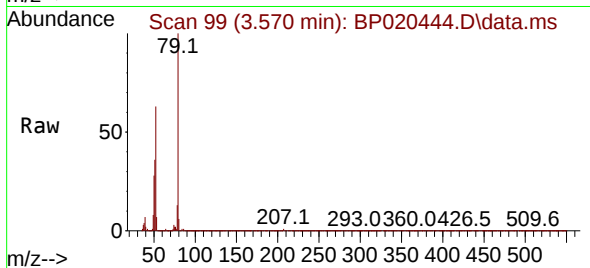
ICVBP052224

Tgt Ion: 79 Resp: 301892
 Ion Ratio Lower Upper
 79 100
 52 62.9 52.3 78.5
 51 36.2 28.8 43.2

Manual Integrations

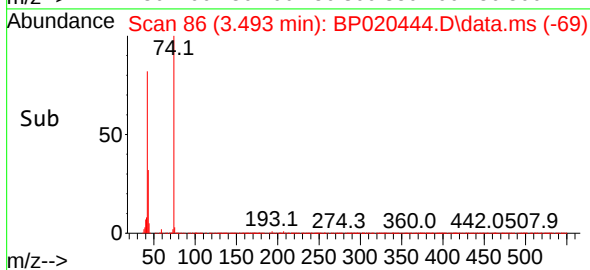
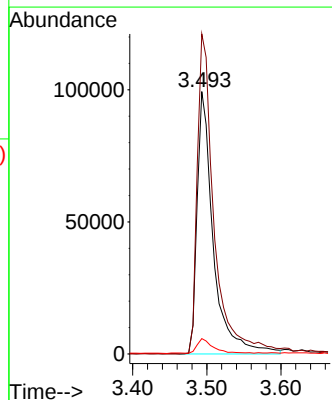
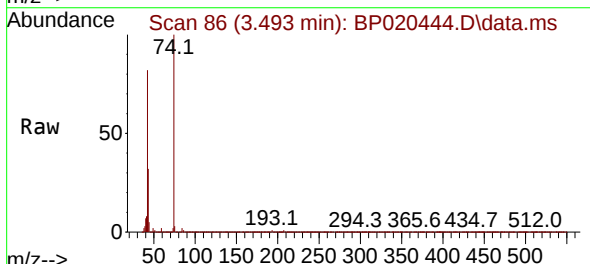
APPROVED

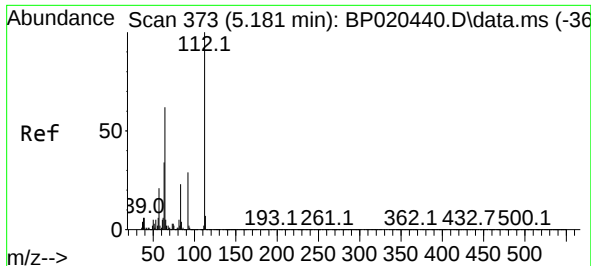
Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024



#4
 n-Nitrosodimethylamine
 Concen: 37.435 ng
 RT: 3.493 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: BP020444.D
 Acq: 22 May 2024 20:53

Tgt Ion: 42 Resp: 150890
 Ion Ratio Lower Upper
 42 100
 74 121.9 104.4 156.6
 44 5.9 4.7 7.1





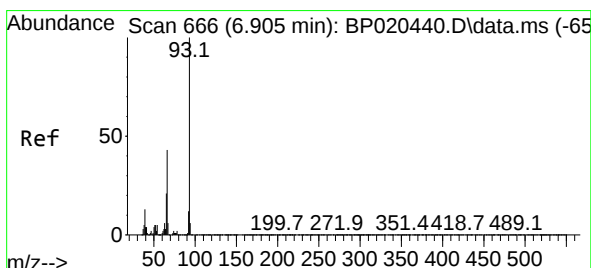
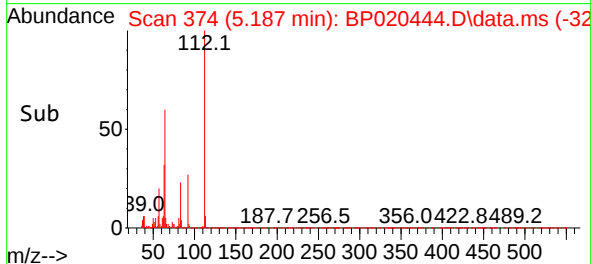
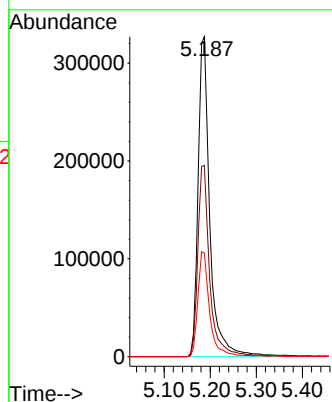
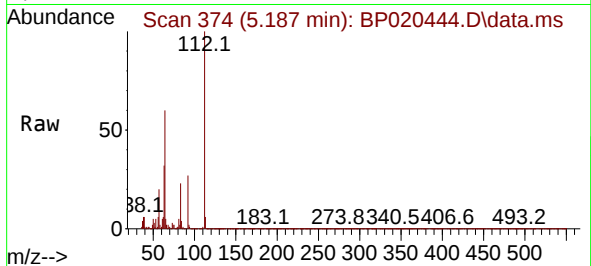
#5
2-Fluorophenol
Concen: 75.364 ng
RT: 5.187 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :
BNA_P
ClientSampleId :
ICVBP052224

Tgt Ion:112 Resp: 580144
Ion Ratio Lower Upper
112 100
64 59.7 49.3 73.9
63 32.4 27.4 41.2

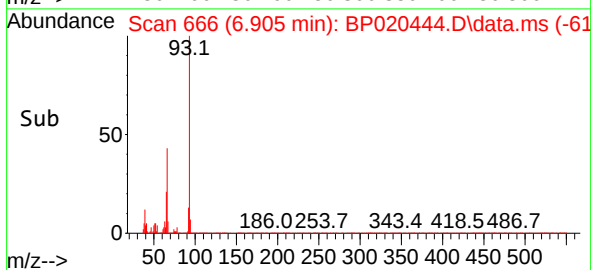
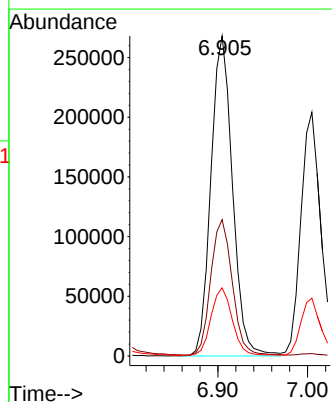
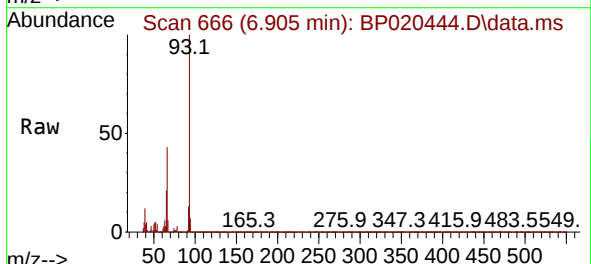
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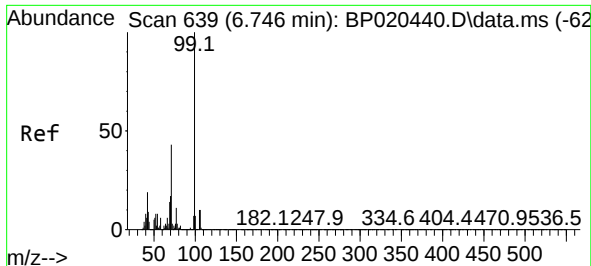
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#6
Aniline
Concen: 43.682 ng
RT: 6.905 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

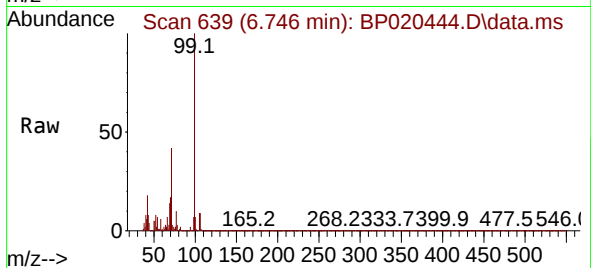
Tgt Ion: 93 Resp: 447216
Ion Ratio Lower Upper
93 100
66 42.6 34.3 51.5
65 21.3 16.6 25.0





#7
Phenol-d6
Concen: 70.767 ng
RT: 6.746 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

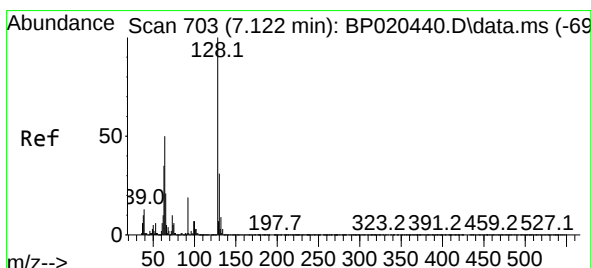
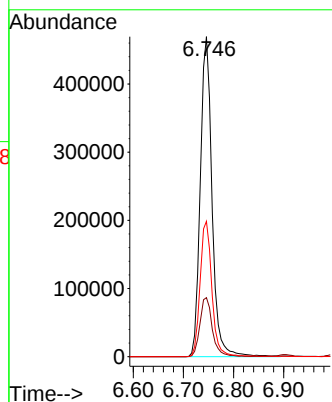
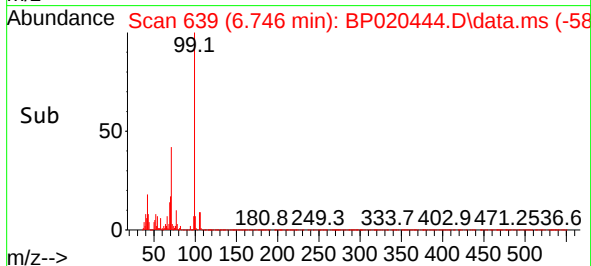
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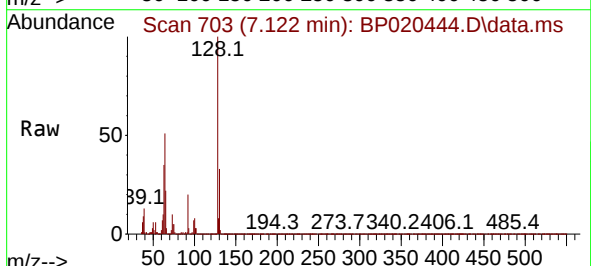
Tgt Ion: 99 Resp: 762674
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.6
71 42.3 34.4 51.6

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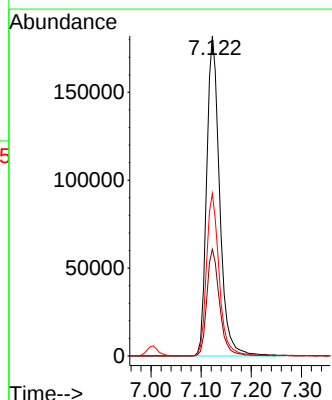
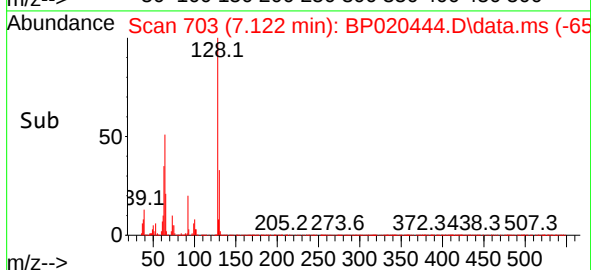
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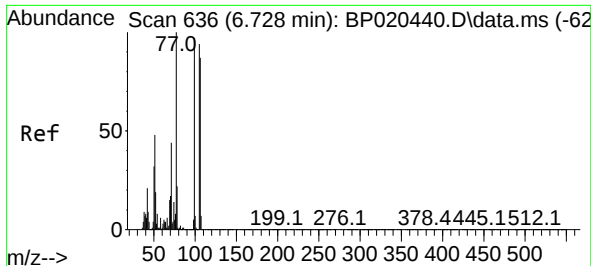


#8
2-Chlorophenol
Concen: 37.940 ng
RT: 7.122 min Scan# 703
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53



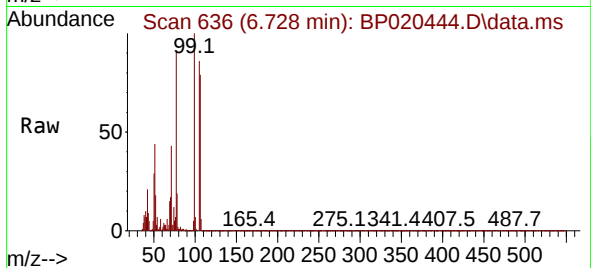
Tgt Ion:128 Resp: 327662
Ion Ratio Lower Upper
128 100
130 33.4 11.4 51.4
64 50.8 30.1 70.1





#9
Benzaldehyde
Concen: 32.694 ng
RT: 6.728 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

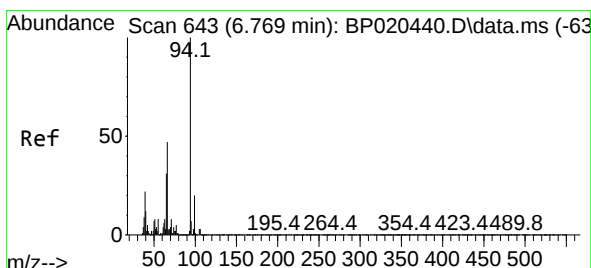
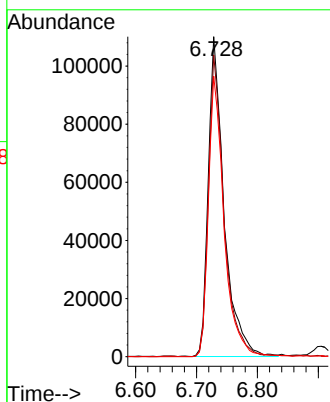
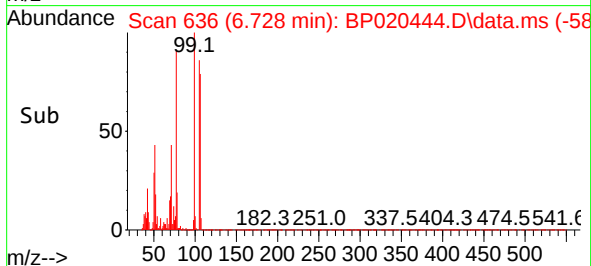
Instrument :
BNA_P
ClientSampleId :
ICVBP052224



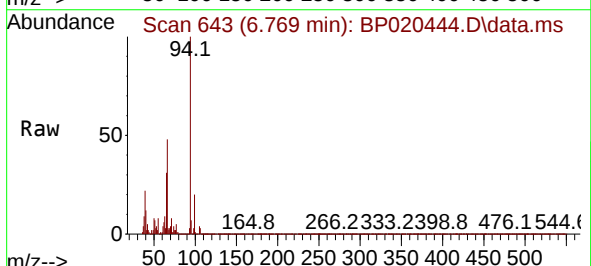
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Ion Ratio Lower Upper
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105 94.3 73.7 113.7
106 87.6 66.7 106.7

Manual Integrations
APPROVED

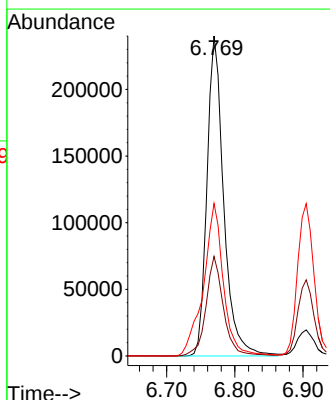
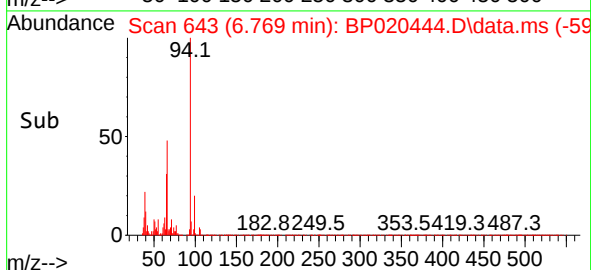
Reviewed By :Yogesh Patel 05/24/2024
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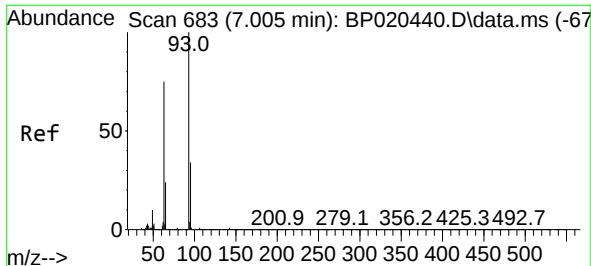


#10
Phenol
Concen: 37.838 ng
RT: 6.769 min Scan# 643
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53



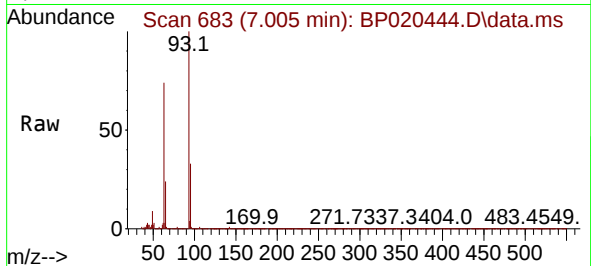
Tgt Ion: 94 Resp: 410992
Ion Ratio Lower Upper
94 100
65 31.1 11.2 51.2
66 47.6 26.9 66.9





#11
bis(2-Chloroethyl)ether
Concen: 37.956 ng
RT: 7.005 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

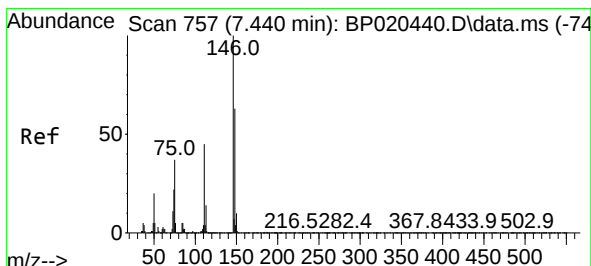
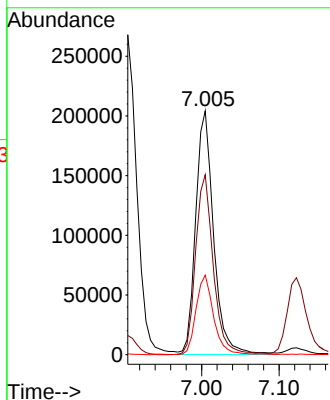
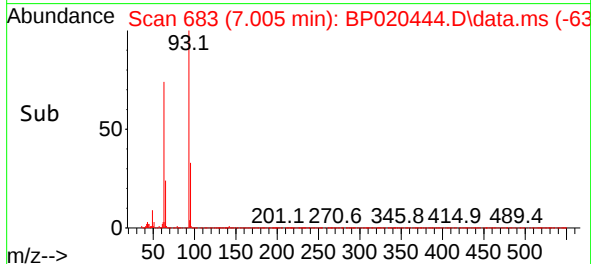
Instrument :
BNA_P
ClientSampleId :
ICVBP052224



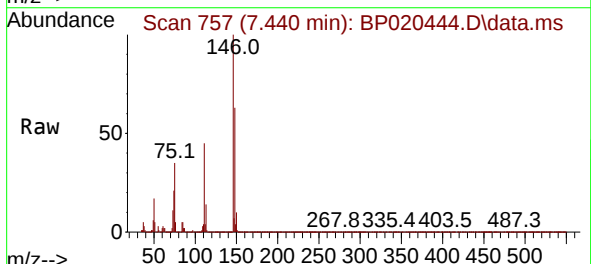
Tgt Ion: 93 Resp: 328324
Ion Ratio Lower Upper
93 100
63 73.8 54.4 94.4
95 32.6 13.3 53.3

Manual Integrations
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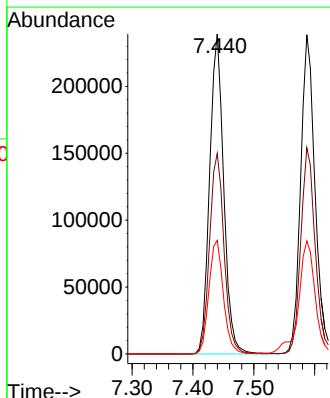
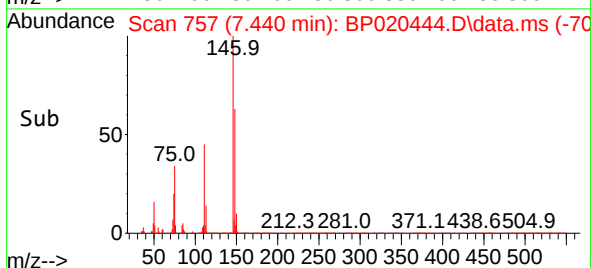
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

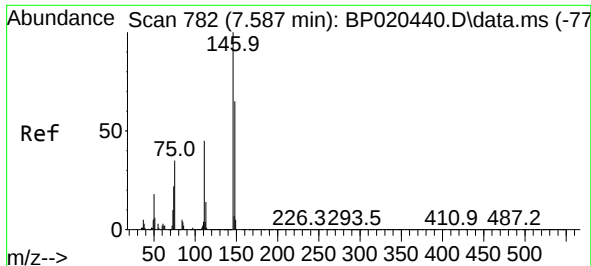


#12
1,3-Dichlorobenzene
Concen: 37.032 ng
RT: 7.440 min Scan# 757
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53



Tgt Ion:146 Resp: 384417
Ion Ratio Lower Upper
146 100
148 62.7 50.7 76.1
75 35.5 29.7 44.5





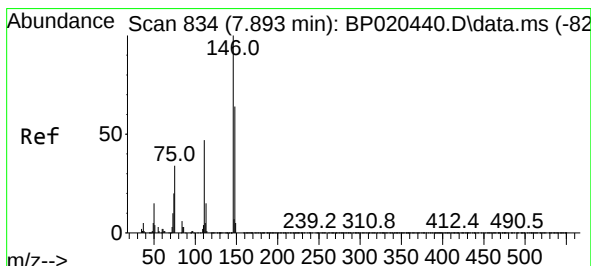
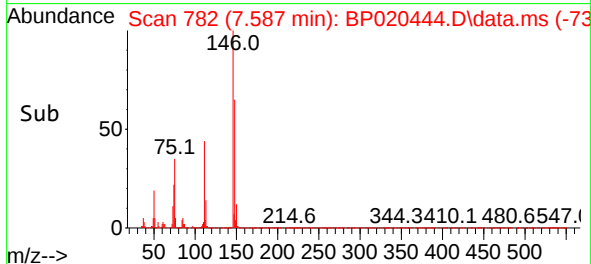
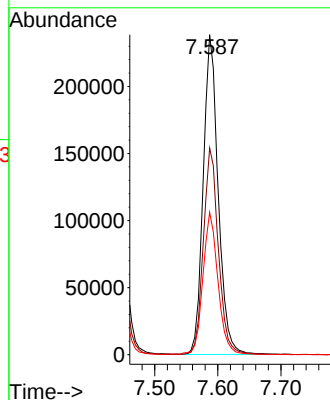
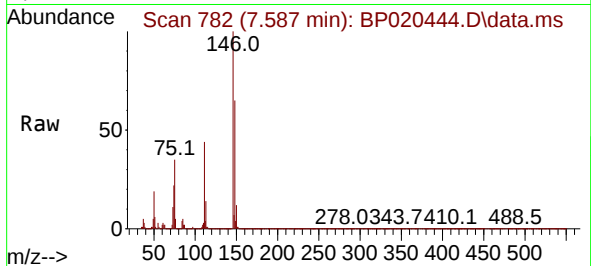
#13
1,4-Dichlorobenzene
Concen: 36.817 ng
RT: 7.587 min Scan# 782
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :
BNA_P
ClientSampleId :
ICVBP052224

Tgt Ion:146 Resp: 39179
Ion Ratio Lower Upper
146 100
148 64.6 52.0 78.0
111 44.5 36.2 54.2

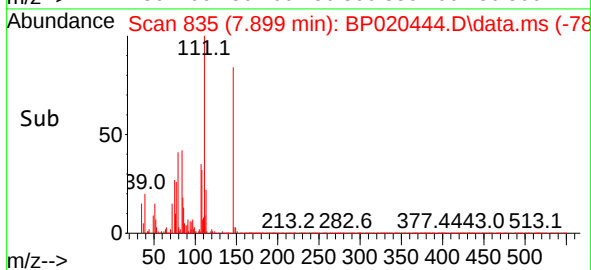
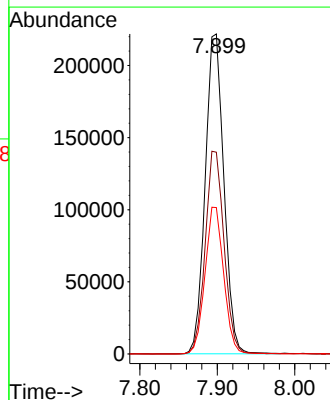
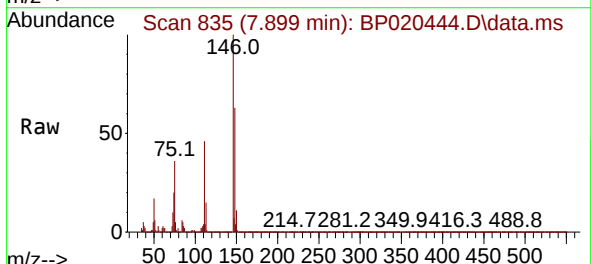
Manual Integrations
APPROVED

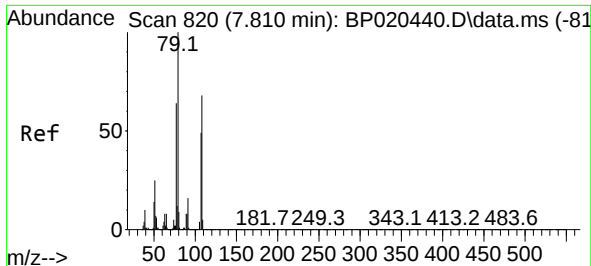
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#14
1,2-Dichlorobenzene
Concen: 36.476 ng
RT: 7.899 min Scan# 835
Delta R.T. 0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion:146 Resp: 371552
Ion Ratio Lower Upper
146 100
148 63.1 51.6 77.4
111 45.7 38.2 57.2





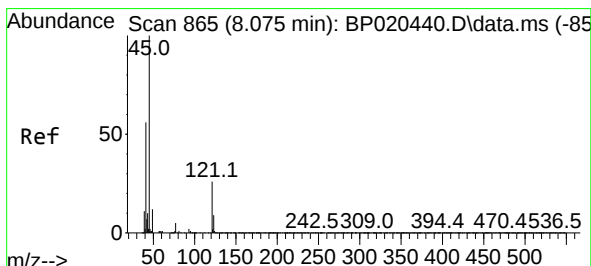
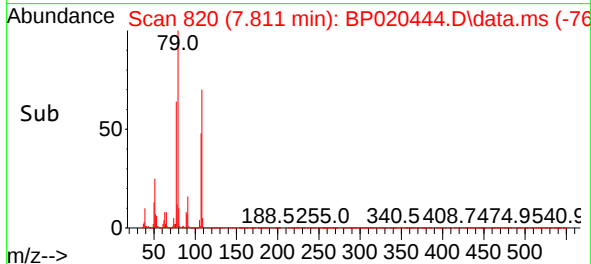
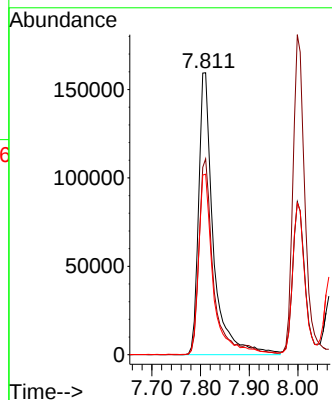
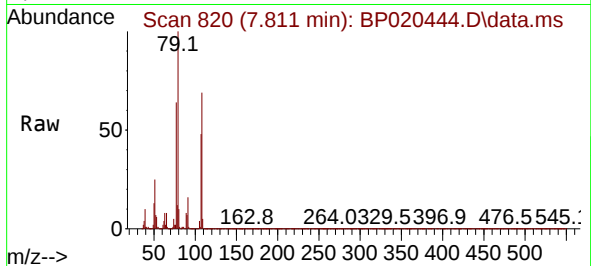
#15
Benzyl Alcohol
Concen: 37.672 ng
RT: 7.811 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :
BNA_P
ClientSampleId :
ICVBP052224

Tgt Ion: 79 Resp: 335500
Ion Ratio Lower Upper
79 100
108 69.5 54.4 81.6
77 64.0 51.4 77.2

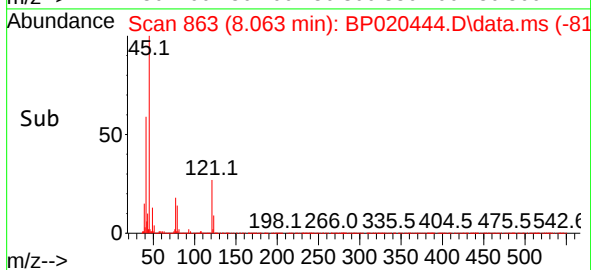
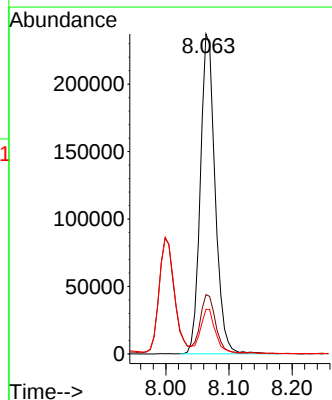
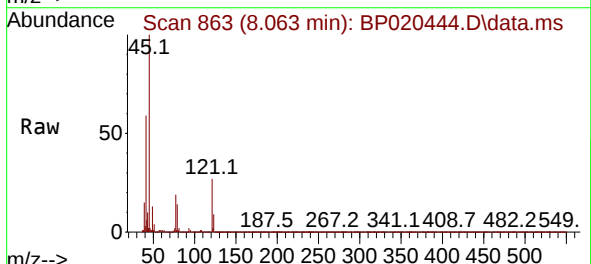
Manual Integrations
APPROVED

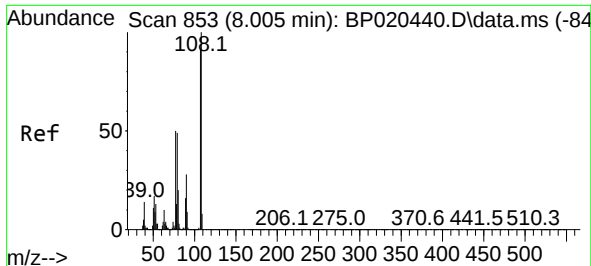
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.020 ng
RT: 8.063 min Scan# 863
Delta R.T. -0.012 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion: 45 Resp: 386455
Ion Ratio Lower Upper
45 100
77 18.5 0.0 38.8
79 14.0 0.0 34.7





#17
2-Methylphenol
Concen: 38.322 ng
RT: 7.999 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224

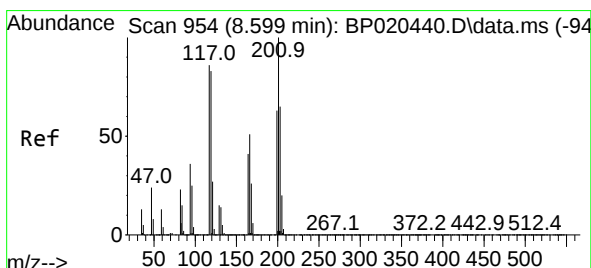
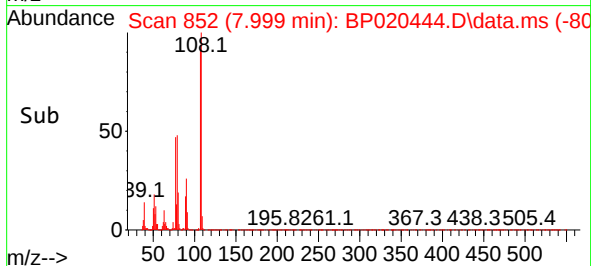
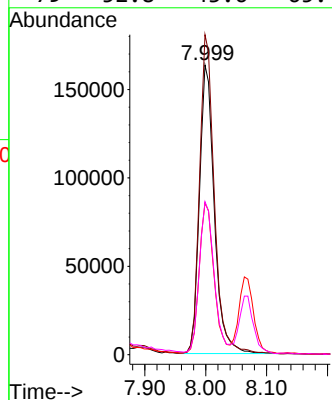
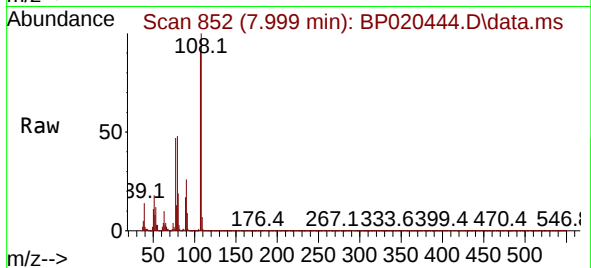
Tgt Ion:107 Resp: 277010
Ion Ratio Lower Upper
107 100
108 110.5 87.8 131.8
77 52.4 43.7 65.5
79 52.8 43.6 65.4

Manual Integrations

APPROVED

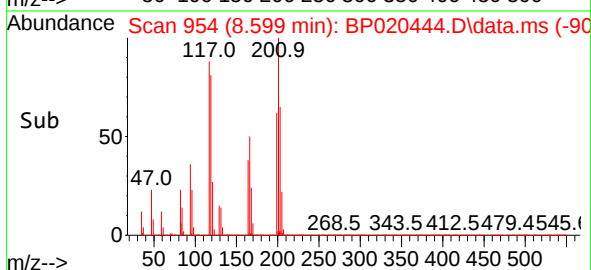
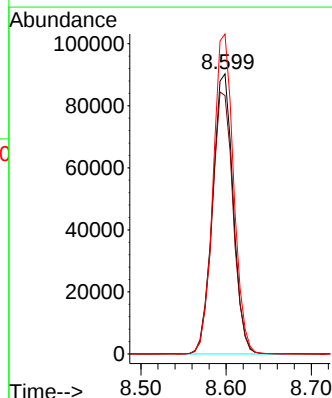
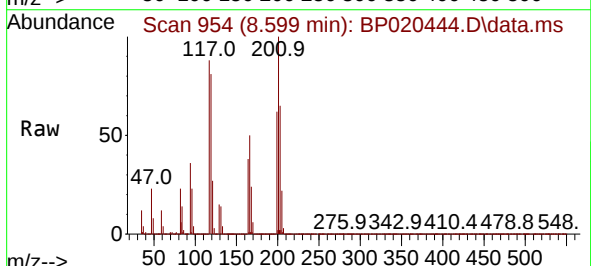
Reviewed By :Yogesh Patel 05/24/2024

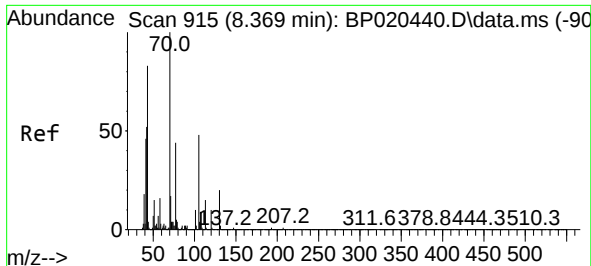
Supervised By :mohammad ahmed 05/24/2024



#18
Hexachloroethane
Concen: 37.430 ng
RT: 8.599 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion:117 Resp: 151327
Ion Ratio Lower Upper
117 100
119 92.3 77.3 115.9
201 114.2 92.9 139.3





#19

n-Nitroso-di-n-propylamine

Concen: 37.877 ng

RT: 8.363 min Scan# 915

Delta R.T. -0.006 min

Lab File: BP020444.D

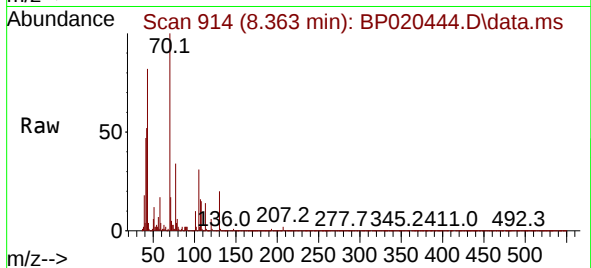
Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224



Tgt Ion: 70 Resp: 27920

Ion Ratio Lower Upper

70 100

42 52.4 41.7 62.5

101 10.0 8.0 12.0

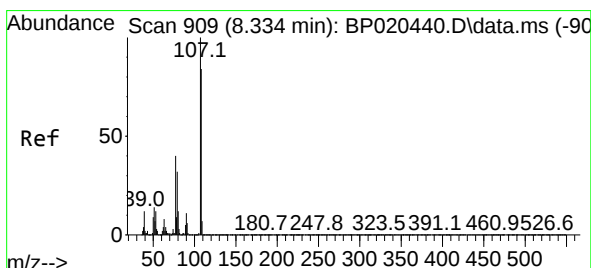
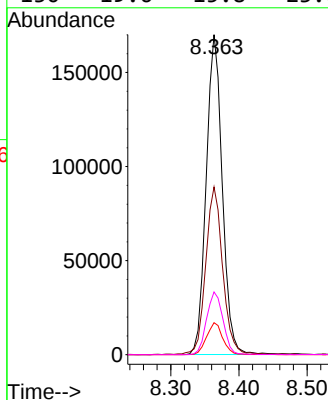
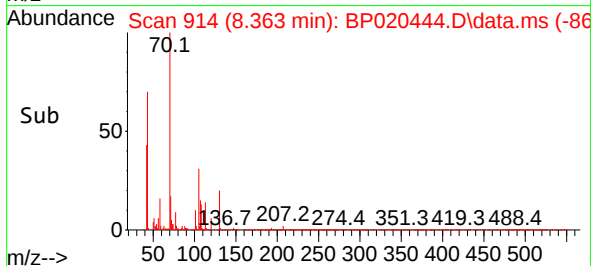
130 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#20

3+4-Methylphenols

Concen: 38.171 ng

RT: 8.328 min Scan# 908

Delta R.T. -0.006 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

Tgt Ion:107 Resp: 380001

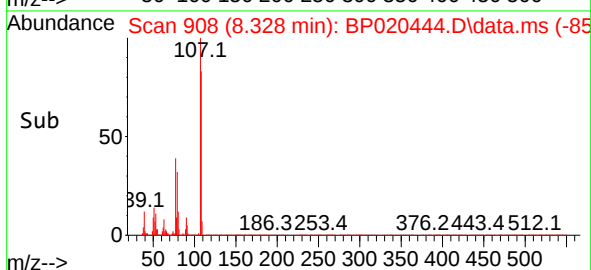
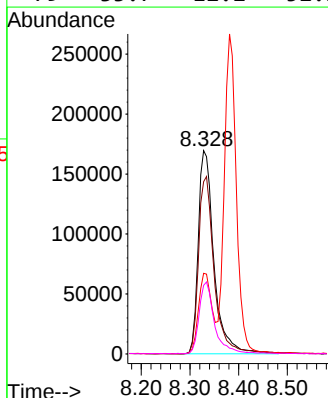
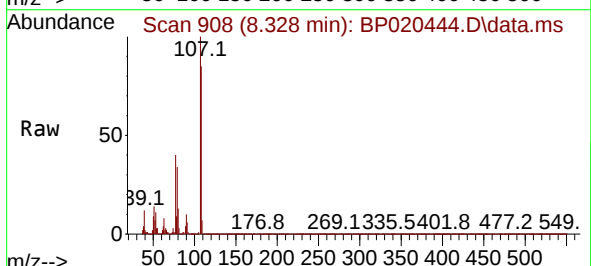
Ion Ratio Lower Upper

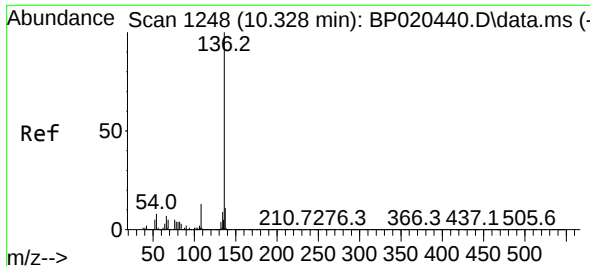
107 100

108 84.8 64.3 104.3

77 39.7 20.0 60.0

79 33.7 12.2 52.2





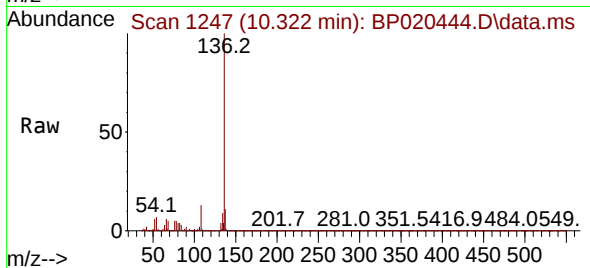
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224



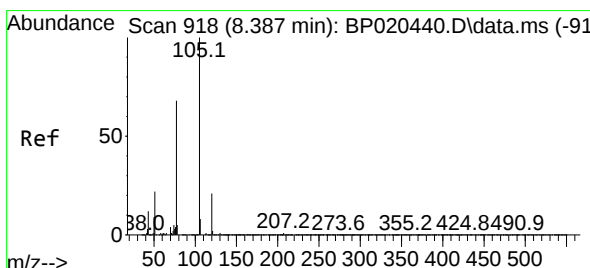
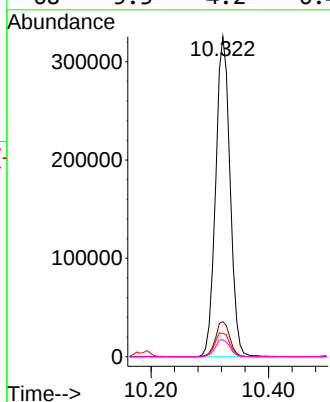
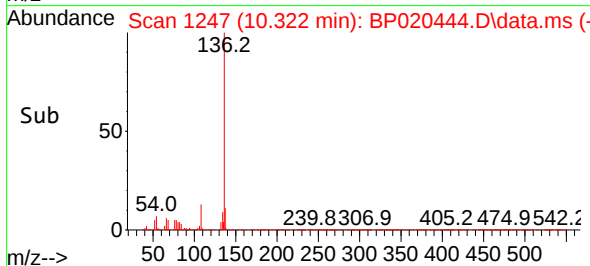
Tgt Ion:136 Resp: 550869
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.3 6.2 9.2
68 5.3 4.2 6.4

Manual Integrations

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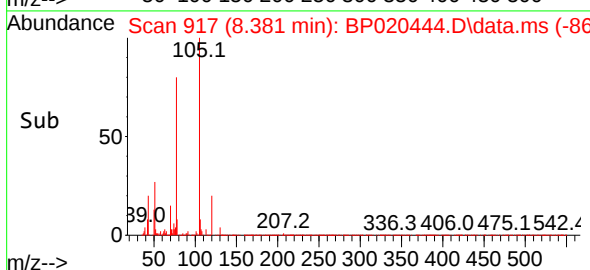
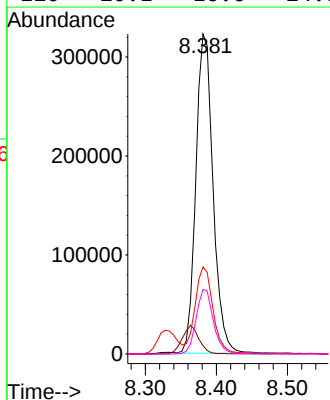
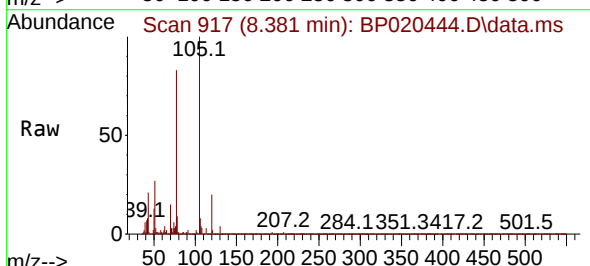
Reviewed By :Yogesh Patel 05/24/2024

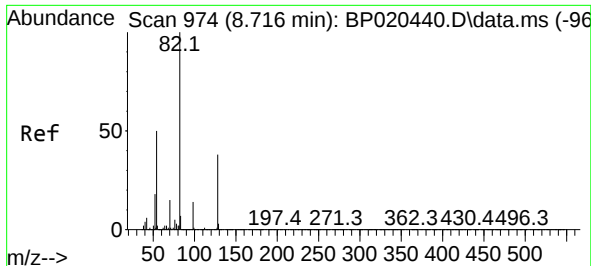
Supervised By :mohammad ahmed 05/24/2024



#22
Acetophenone
Concen: 38.745 ng
RT: 8.381 min Scan# 917
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion:105 Resp: 544619
Ion Ratio Lower Upper
105 100
71 2.6 1.4 2.0#
51 27.2 22.1 33.1
120 20.1 16.6 24.8





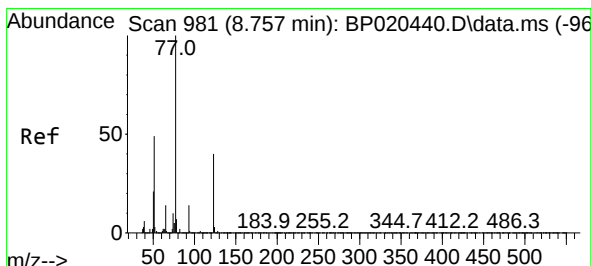
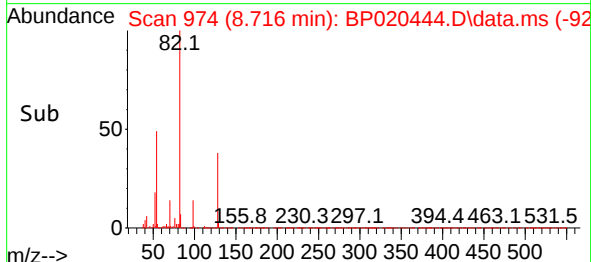
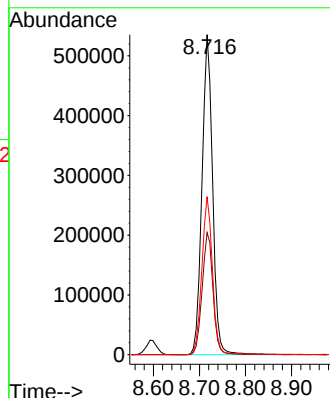
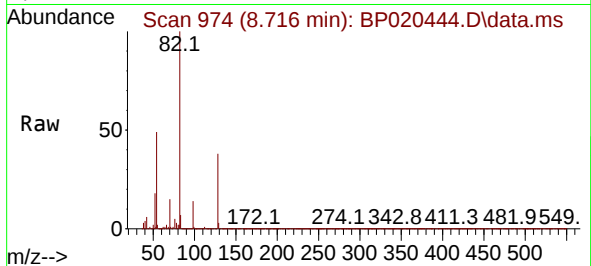
#23
Nitrobenzene-d5
Concen: 75.054 ng
RT: 8.716 min Scan# 974
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :
BNA_P
ClientSampleId :
ICVBP052224

Tgt Ion: 82 Resp: 864120
Ion Ratio Lower Upper
82 100
128 38.2 30.4 45.6
54 49.4 39.9 59.9

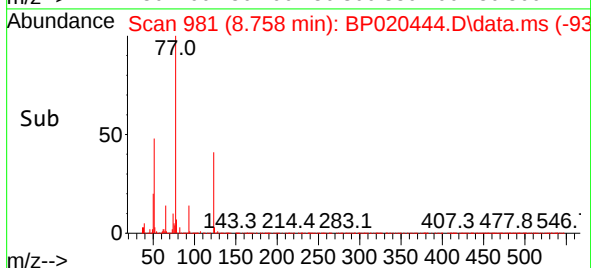
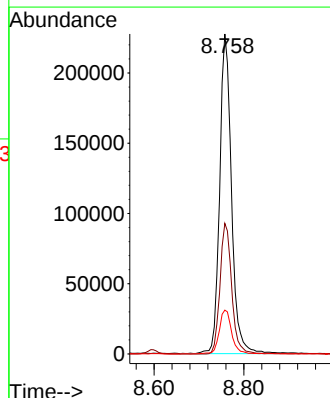
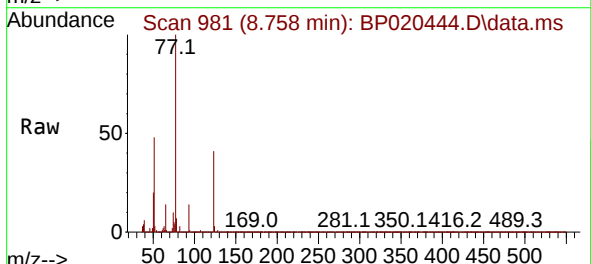
Manual Integrations
APPROVED

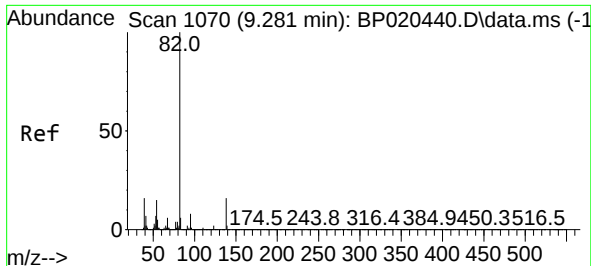
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#24
Nitrobenzene
Concen: 36.686 ng
RT: 8.758 min Scan# 981
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

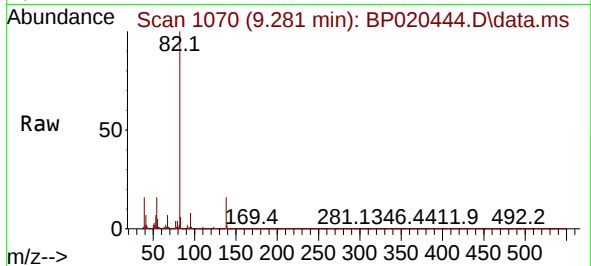
Tgt Ion: 77 Resp: 416049
Ion Ratio Lower Upper
77 100
123 40.8 32.1 48.1
65 13.7 11.4 17.2





#25
Isophorone
Concen: 39.124 ng
RT: 9.281 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

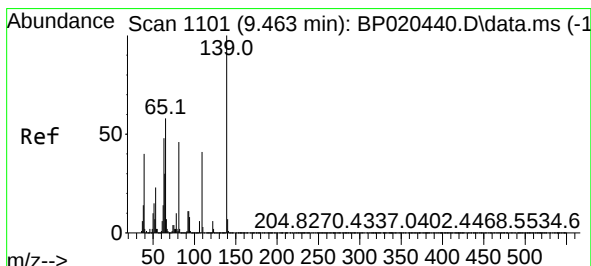
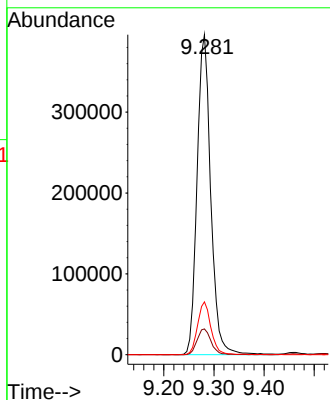
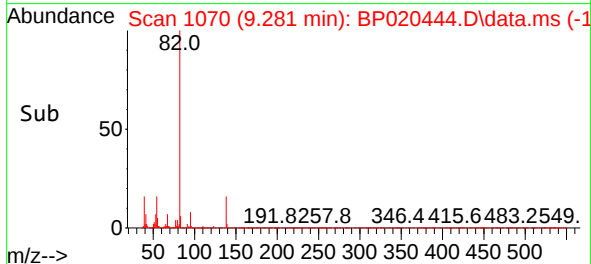
Instrument :
BNA_P
ClientSampleId :
ICVBP052224



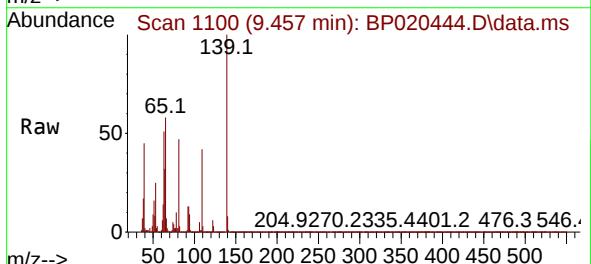
Tgt Ion: 82 Resp: 747389
Ion Ratio Lower Upper
82 100
95 8.0 6.7 10.1
138 16.5 12.6 18.8

Manual Integrations
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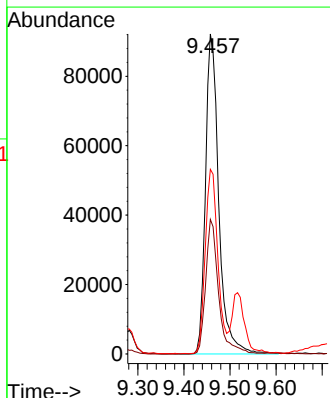
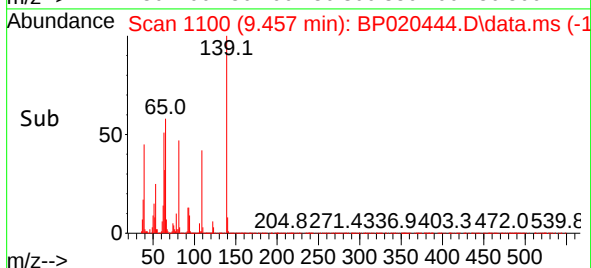
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

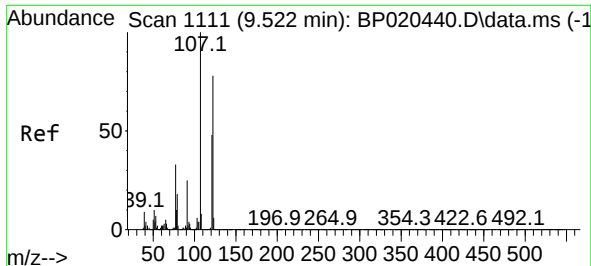


#26
2-Nitrophenol
Concen: 39.719 ng
RT: 9.457 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53



Tgt Ion:139 Resp: 185490
Ion Ratio Lower Upper
139 100
109 42.1 32.6 48.8
65 57.7 46.1 69.1





#27

2,4-Dimethylphenol

Concen: 41.640 ng

RT: 9.516 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BP020444.D

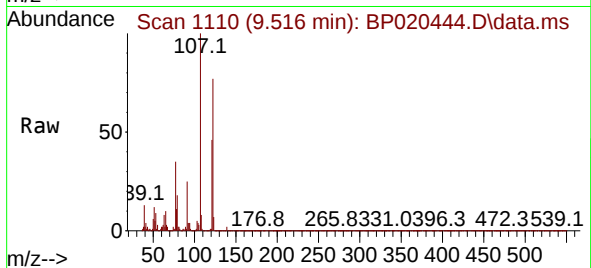
Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224



Tgt Ion: 122 Resp: 22605

Ion Ratio Lower Upper

122 100

107 129.1 101.5 152.3

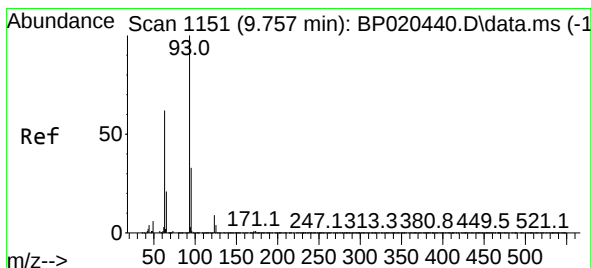
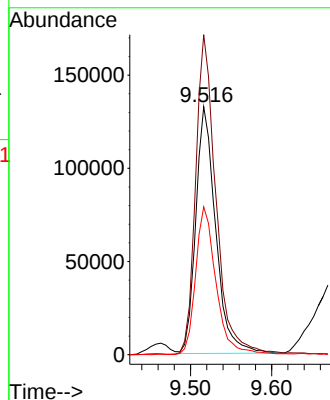
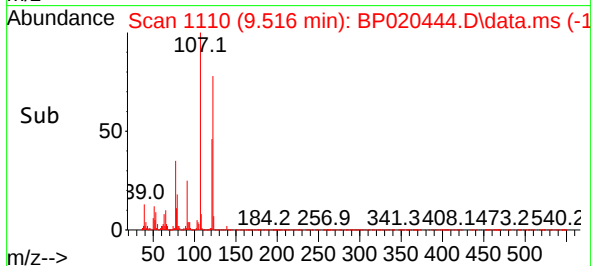
121 59.6 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.486 ng

RT: 9.757 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

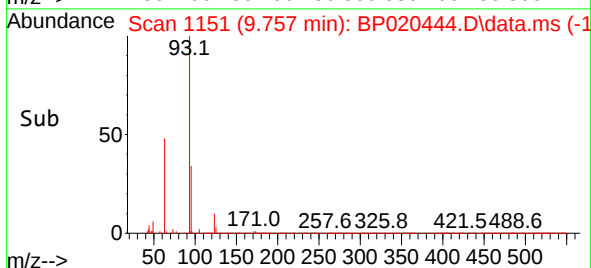
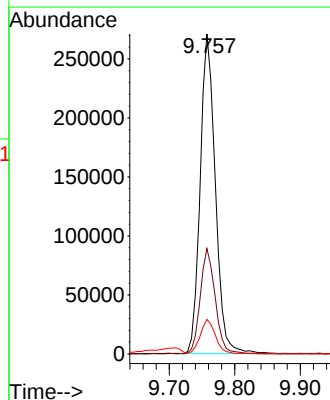
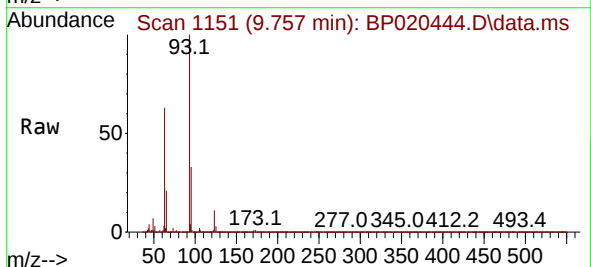
Tgt Ion: 93 Resp: 435979

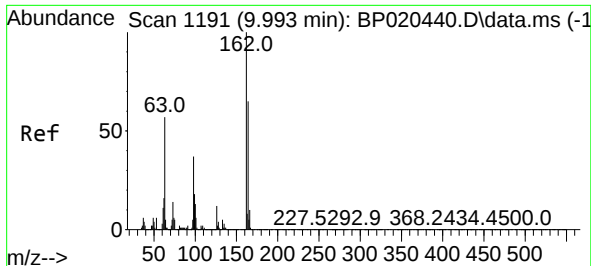
Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

123 10.8 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 40.098 ng

RT: 9.993 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224

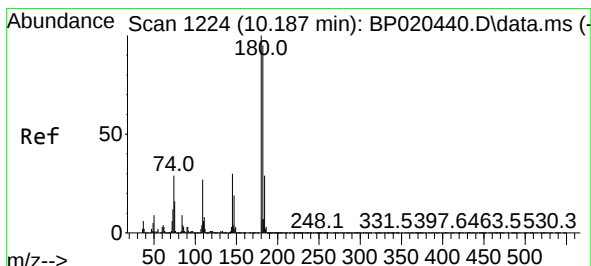
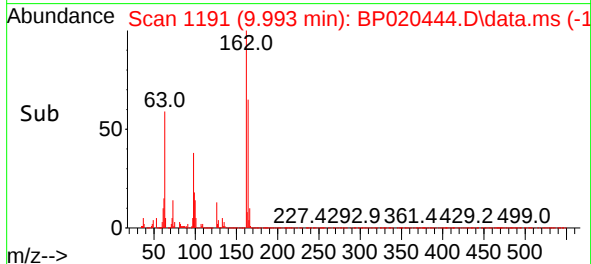
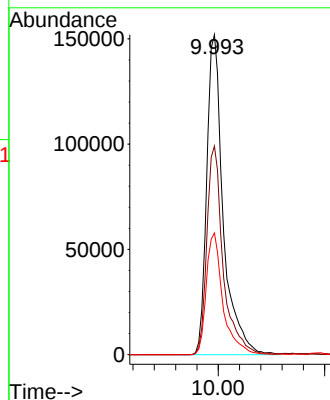
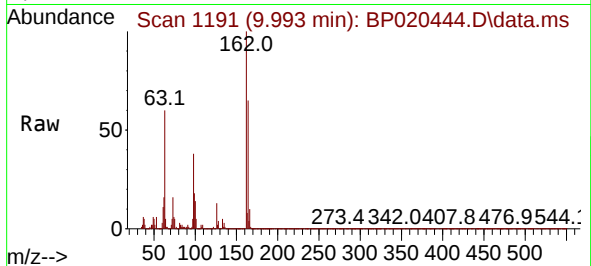
Tgt Ion:	162	Resp:	32647
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.6	84.6
98	38.0	17.4	57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 37.492 ng

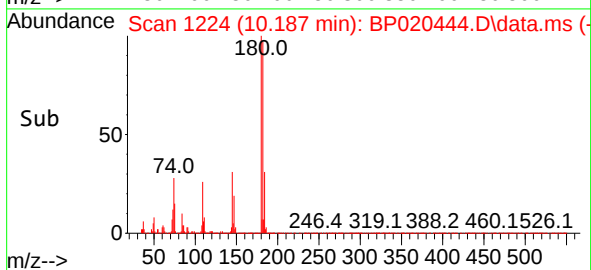
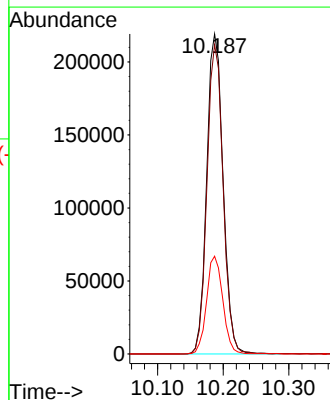
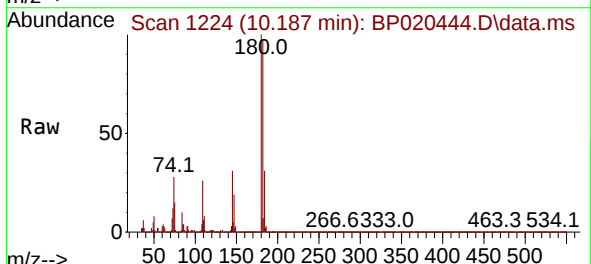
RT: 10.187 min Scan# 1224

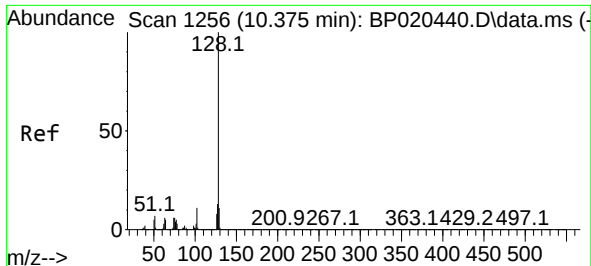
Delta R.T. 0.000 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

Tgt Ion:	180	Resp:	380904
Ion Ratio	Lower	Upper	
180	100		
182	96.6	76.0	114.0
145	30.5	24.4	36.6





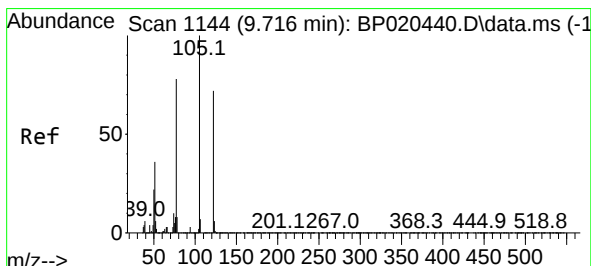
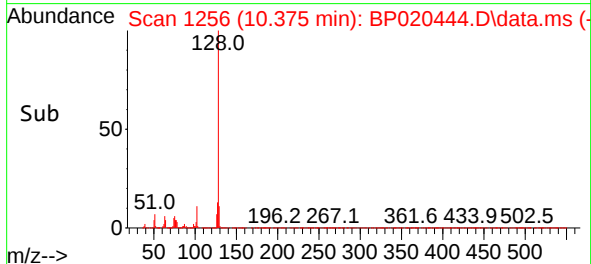
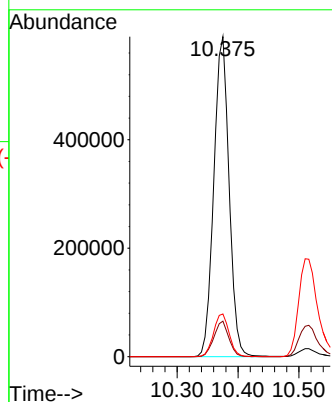
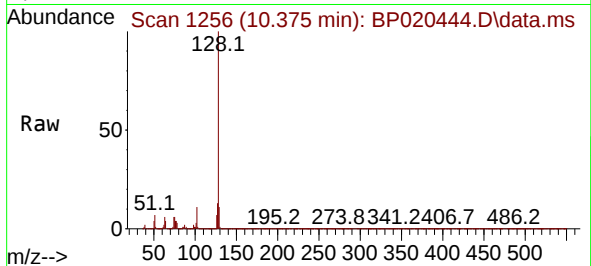
#31
Naphthalene
Concen: 36.937 ng
RT: 10.375 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :
BNA_P
ClientSampleId :
ICVBP052224

Tgt Ion:128 Resp: 102714
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.7 16.1

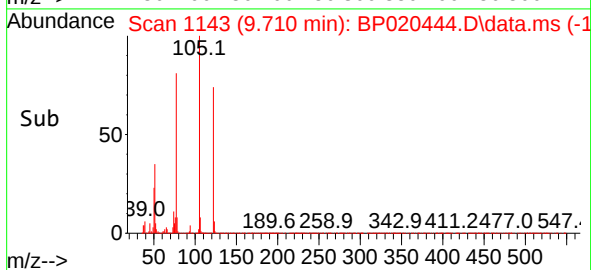
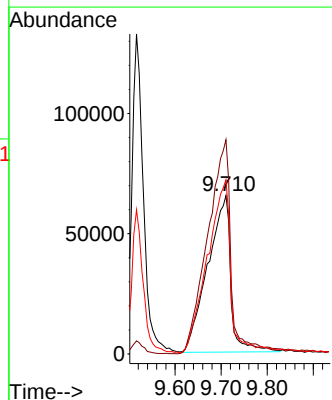
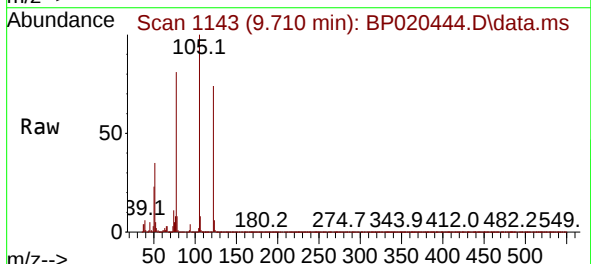
Manual Integrations
APPROVED

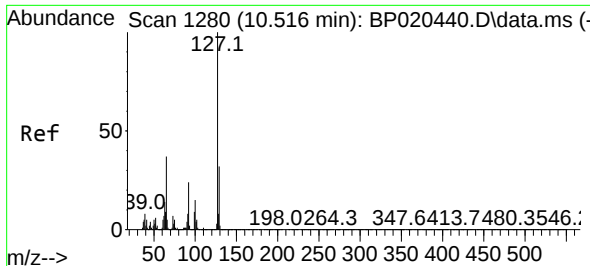
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#32
Benzoic acid
Concen: 37.330 ng
RT: 9.710 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion:122 Resp: 226847
Ion Ratio Lower Upper
122 100
105 135.4 117.9 157.9
77 110.0 88.6 128.6





#33
4-Chloroaniline
Concen: 42.740 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

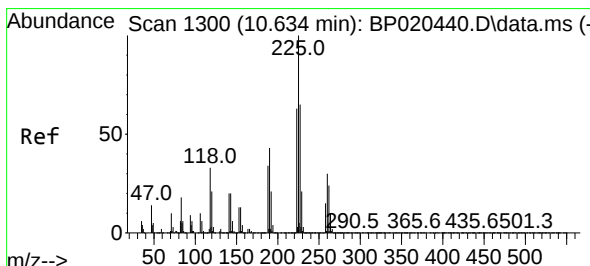
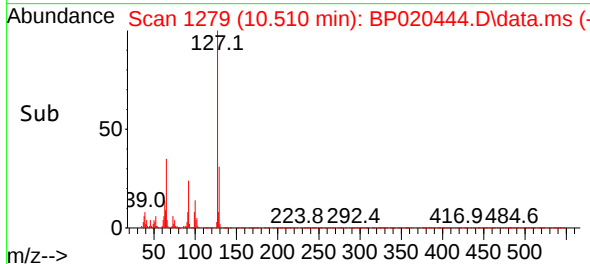
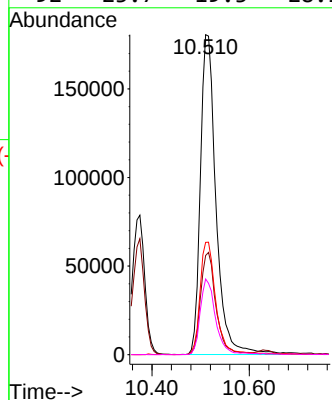
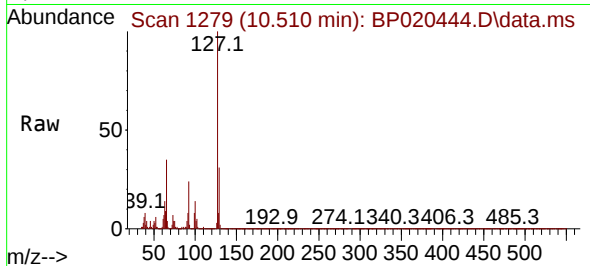
ICVBP052224

Tgt Ion:127 Resp: 40243
Ion Ratio Lower Upper
127 100
129 31.0 25.7 38.5
65 35.1 29.3 43.9
92 23.7 19.3 28.9

Manual Integrations

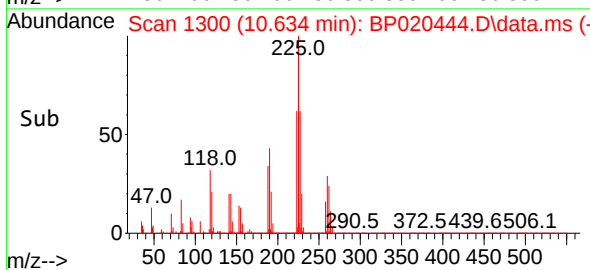
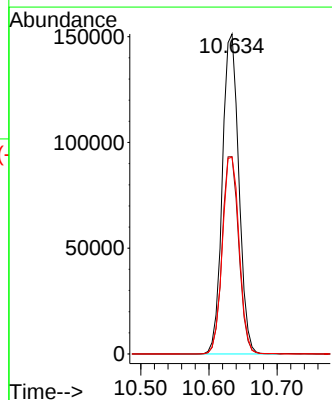
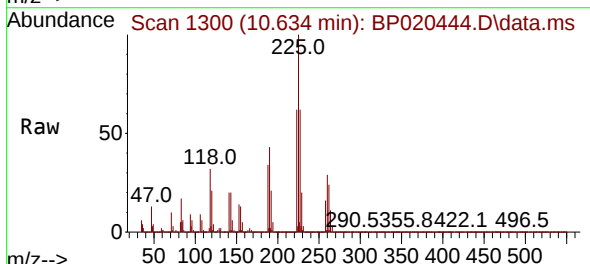
APPROVED

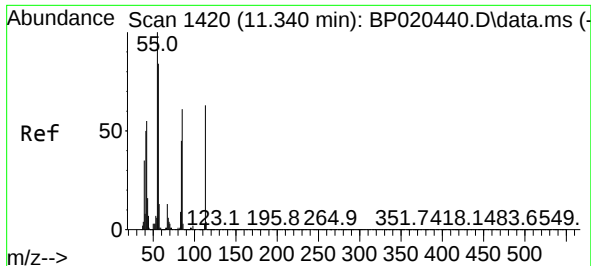
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#34
Hexachlorobutadiene
Concen: 35.461 ng
RT: 10.634 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

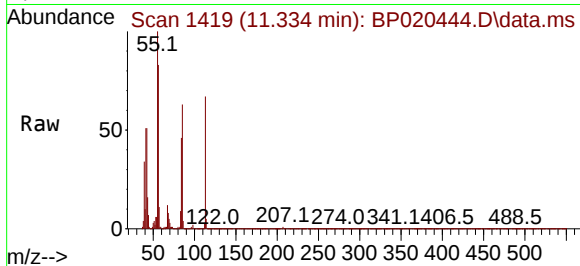
Tgt Ion:225 Resp: 253661
Ion Ratio Lower Upper
225 100
223 61.7 50.7 76.1
227 61.5 51.7 77.5





#35
Caprolactam
Concen: 43.949 ng
RT: 11.334 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

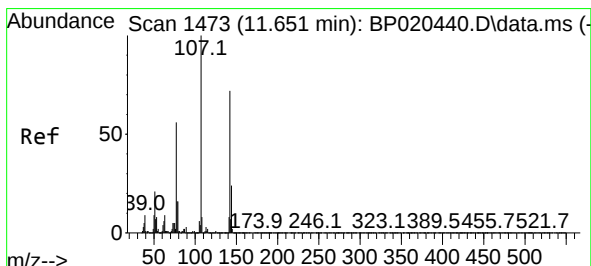
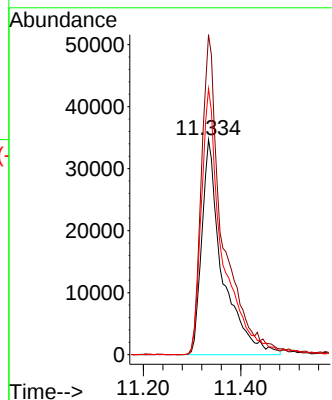
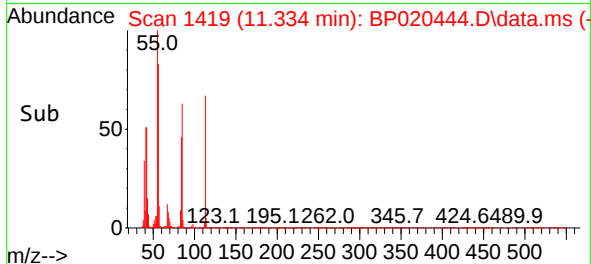
Instrument :
BNA_P
ClientSampleId :
ICVBP052224



Tgt Ion:113 Resp: 101670
Ion Ratio Lower Upper
113 100
55 148.8 138.8 178.8
56 123.7 113.7 153.7

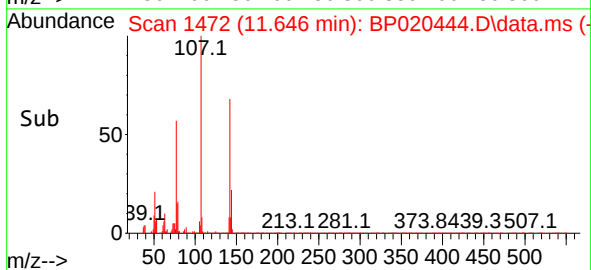
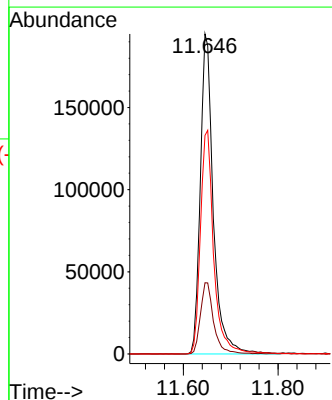
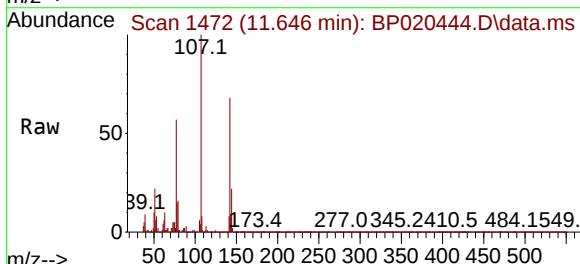
Manual Integrations
APPROVED

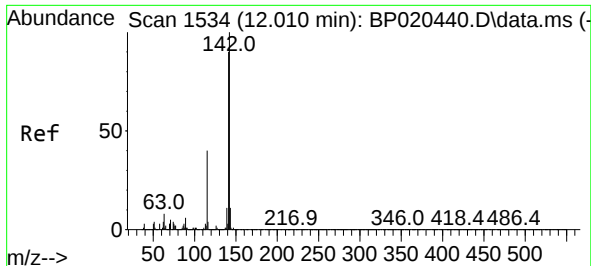
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#36
4-Chloro-3-methylphenol
Concen: 39.417 ng
RT: 11.646 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion:107 Resp: 371014
Ion Ratio Lower Upper
107 100
144 22.3 19.0 28.4
142 68.3 57.8 86.6





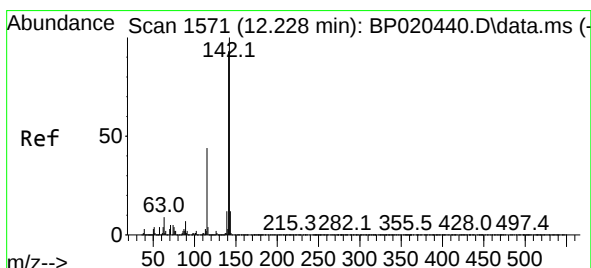
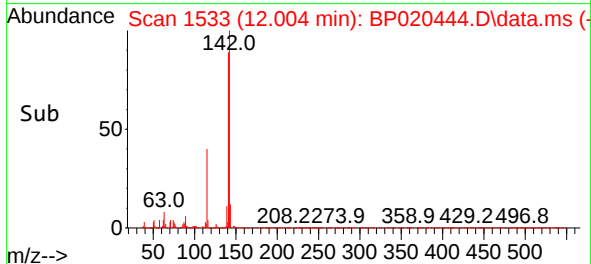
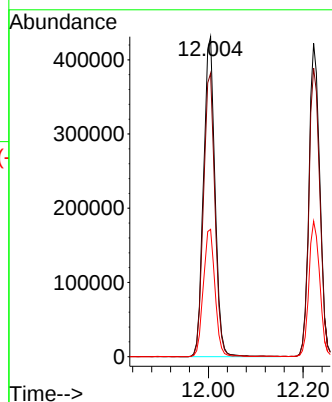
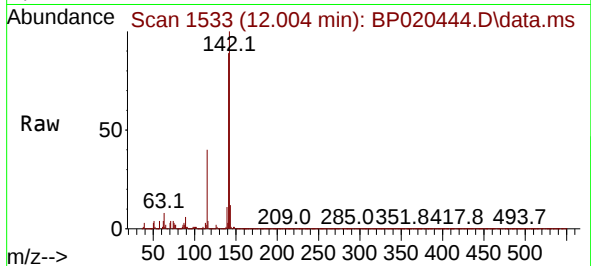
#37
2-Methylnaphthalene
Concen: 37.937 ng
RT: 12.004 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :
BNA_P
ClientSampleId :
ICVBP052224

Tgt Ion:142 Resp: 72316
Ion Ratio Lower Upper
142 100
141 88.6 71.9 107.9
115 39.8 31.8 47.8

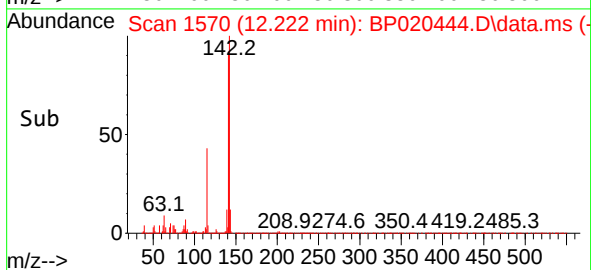
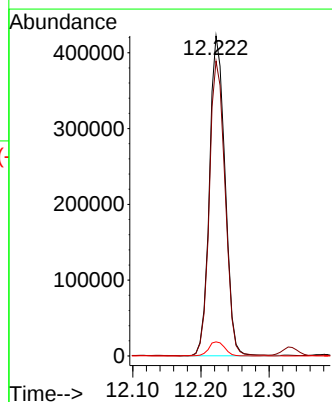
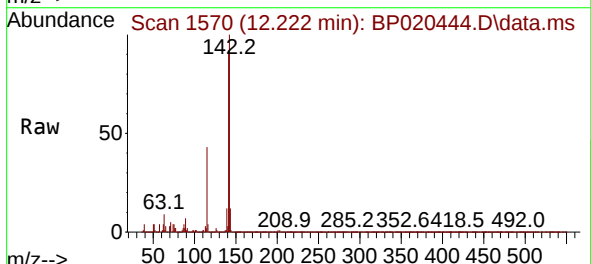
Manual Integrations
APPROVED

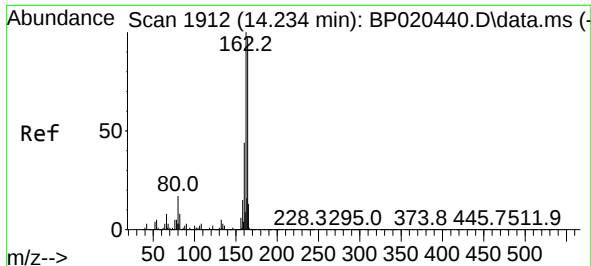
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#38
1-Methylnaphthalene
Concen: 35.396 ng
RT: 12.222 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

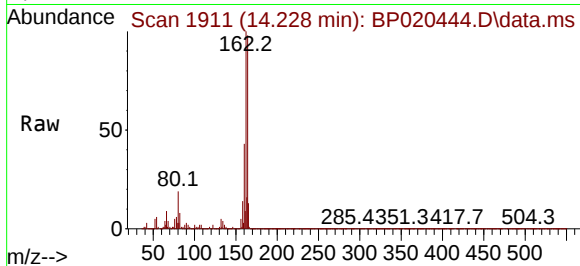
Tgt Ion:142 Resp: 669105
Ion Ratio Lower Upper
142 100
141 92.1 74.6 111.8
116 4.4 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.228 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

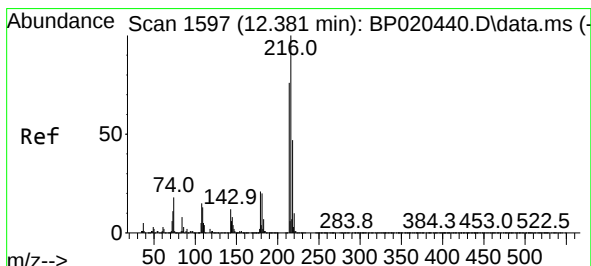
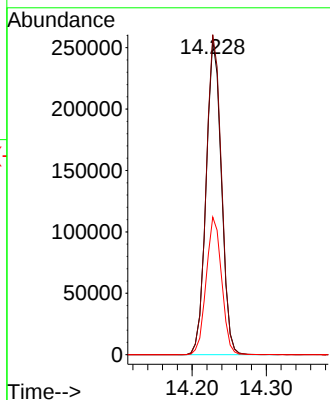
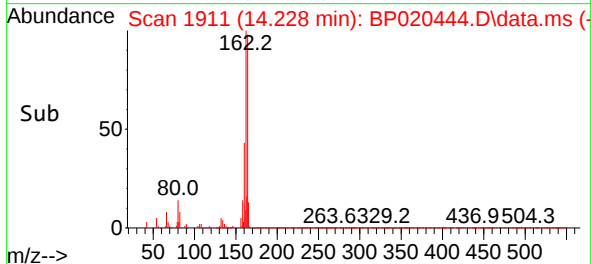
Instrument :
BNA_P
ClientSampleId :
ICVBP052224



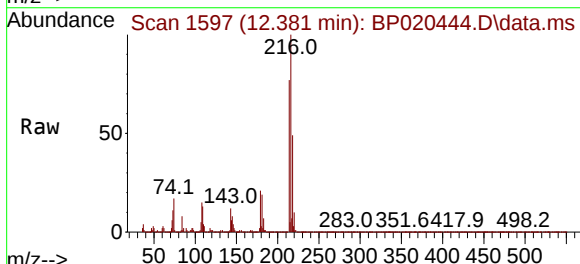
Tgt Ion:164 Resp: 366184
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 43.7 36.0 54.0

Manual Integrations
APPROVED

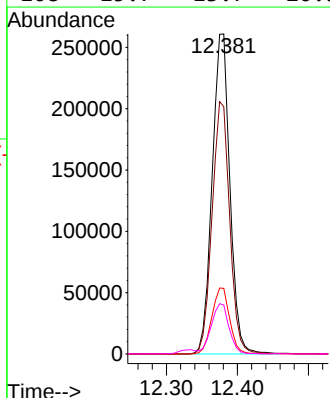
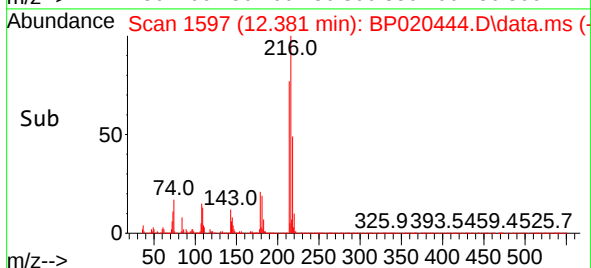
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

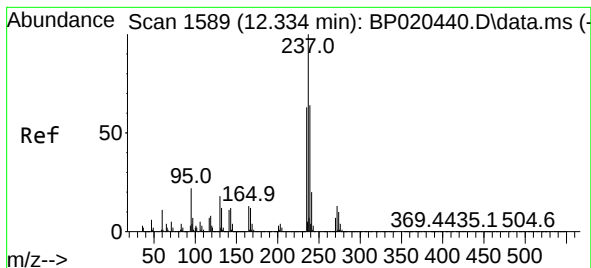


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.935 ng
RT: 12.381 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53



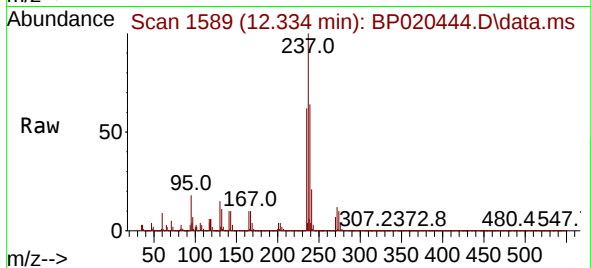
Tgt Ion:216 Resp: 451389
Ion Ratio Lower Upper
216 100
214 78.6 61.9 92.9
179 20.8 16.6 25.0
108 15.7 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 44.374 ng
RT: 12.334 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

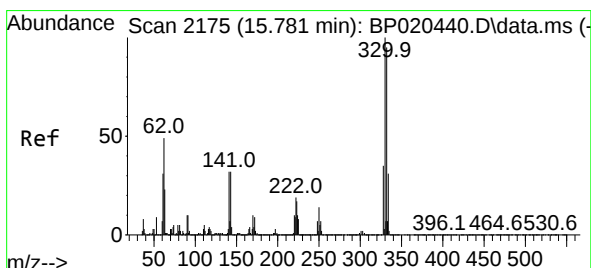
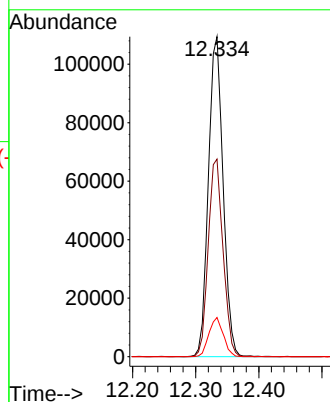
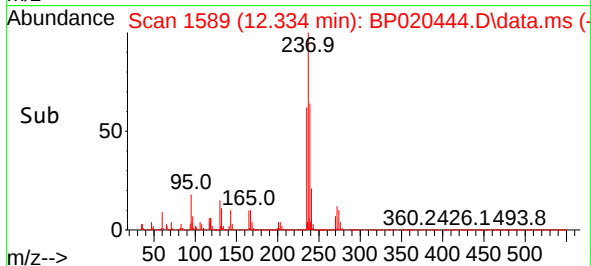
Instrument :
BNA_P
ClientSampleId :
ICVBP052224



Tgt Ion: 237 Resp: 176668
Ion Ratio Lower Upper
237 100
235 61.8 43.1 83.1
272 12.2 0.0 32.9

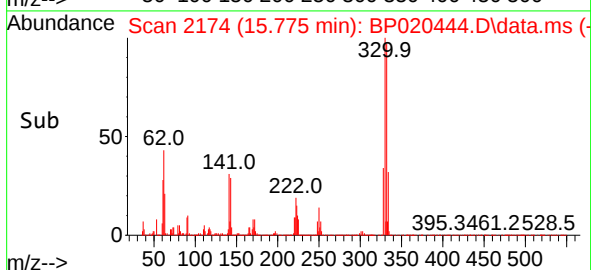
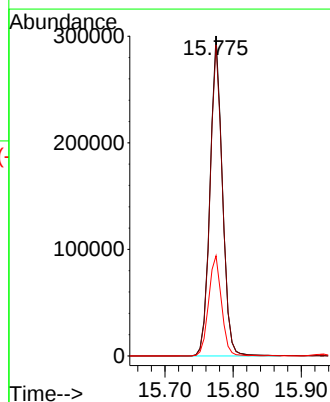
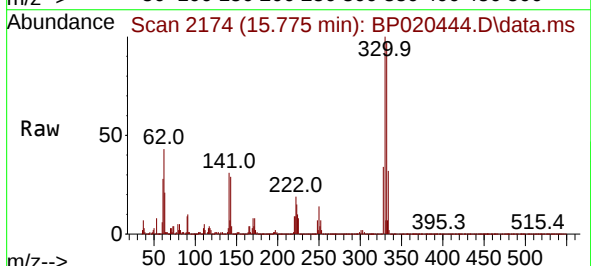
Manual Integrations
APPROVED

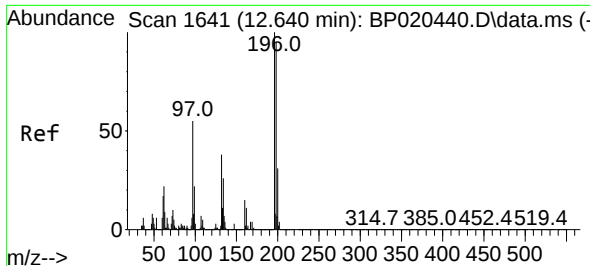
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#42
2,4,6-Tribromophenol
Concen: 79.364 ng
RT: 15.775 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion: 330 Resp: 377598
Ion Ratio Lower Upper
330 100
332 98.2 77.4 116.0
141 32.7 26.2 39.4





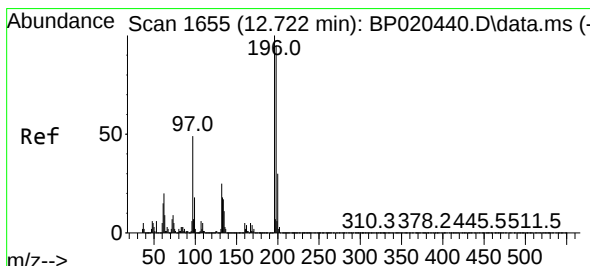
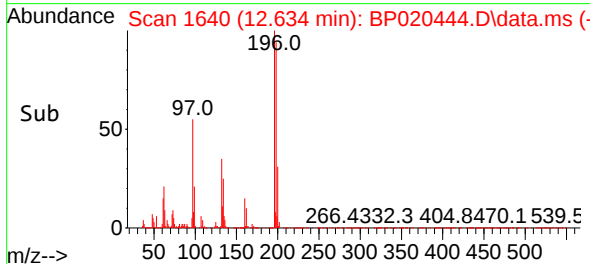
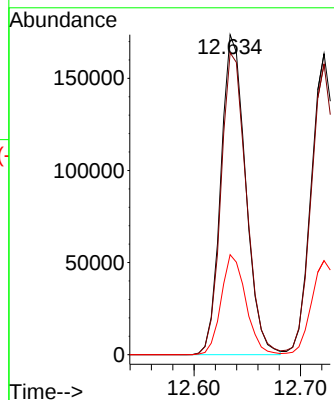
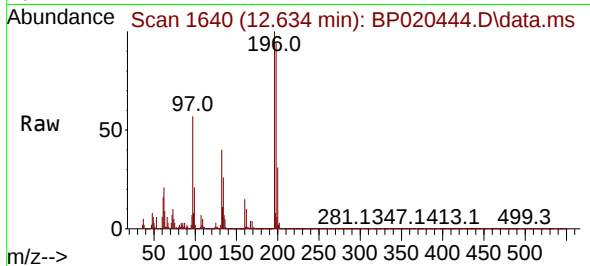
#43
2,4,6-Trichlorophenol
Concen: 38.820 ng
RT: 12.634 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :
BNA_P
ClientSampleId :
ICVBP052224

Tgt Ion:196 Resp: 281056
Ion Ratio Lower Upper
196 100
198 94.4 75.6 113.4
200 31.3 24.9 37.3

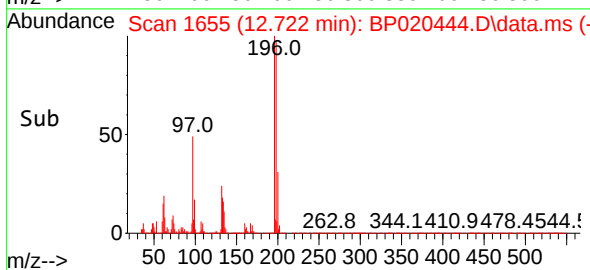
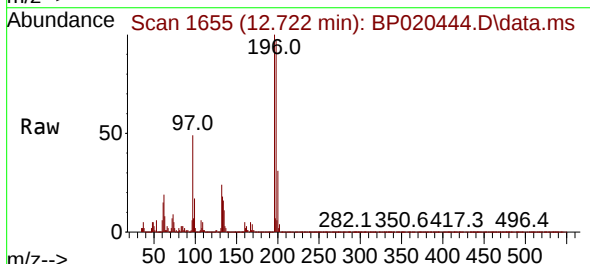
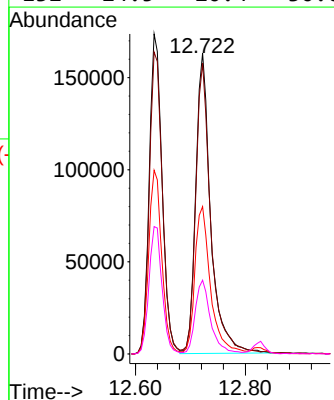
Manual Integrations
APPROVED

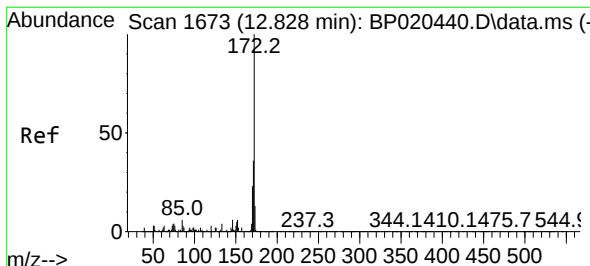
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#44
2,4,5-Trichlorophenol
Concen: 38.781 ng
RT: 12.722 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion:196 Resp: 307816
Ion Ratio Lower Upper
196 100
198 96.6 76.0 114.0
97 49.0 39.2 58.8
132 24.5 20.4 30.6





#45

2-Fluorobiphenyl

Concen: 71.969 ng

RT: 12.828 min Scan# 1673

Delta R.T. 0.000 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224

Tgt Ion:172 Resp: 190698

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

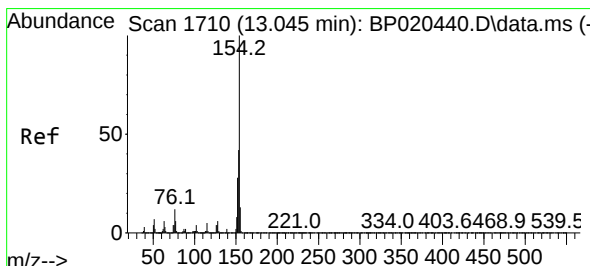
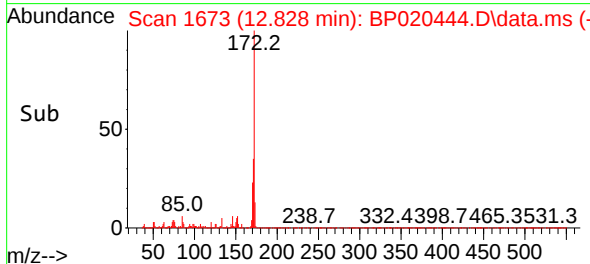
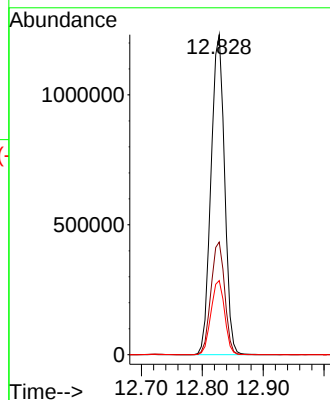
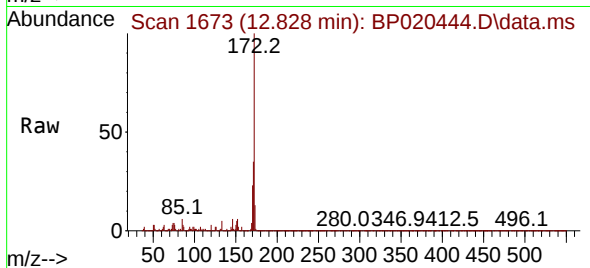
170 23.1 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#46

1,1'-Biphenyl

Concen: 37.989 ng

RT: 13.046 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

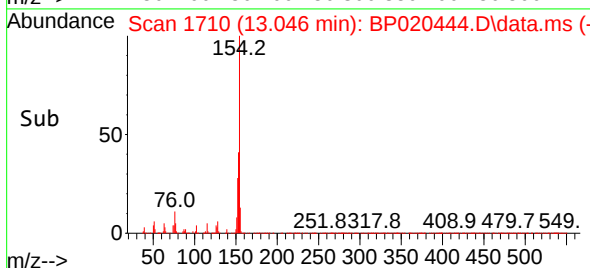
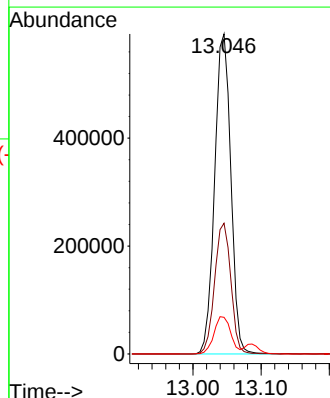
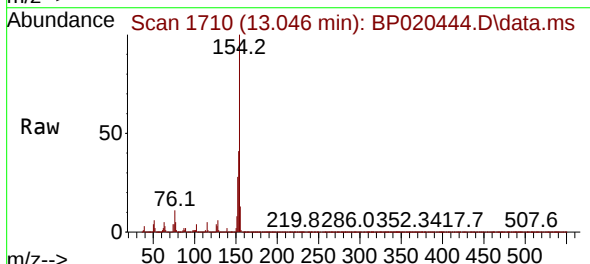
Tgt Ion:154 Resp: 980149

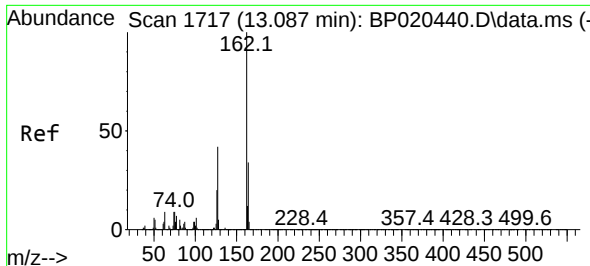
Ion Ratio Lower Upper

154 100

153 40.9 21.9 61.9

76 11.4 0.0 32.1





#47
2-Chloronaphthalene
Concen: 36.331 ng
RT: 13.087 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224

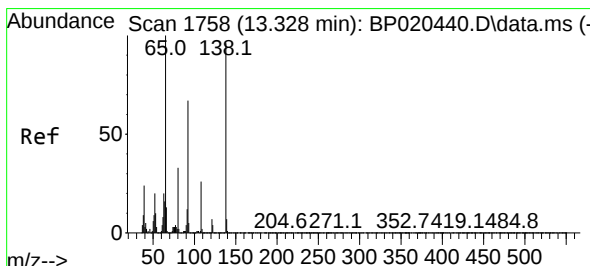
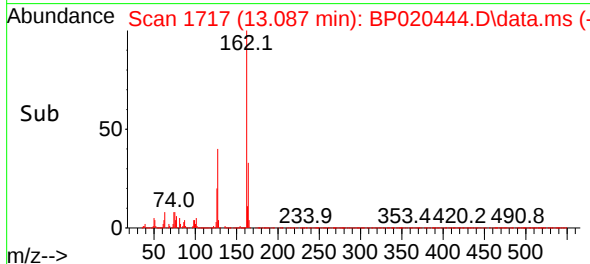
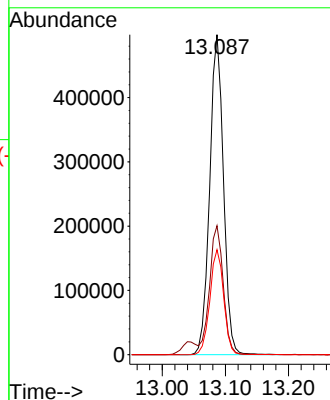
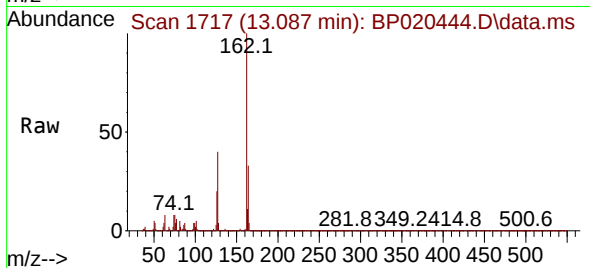
Tgt Ion:162 Resp: 753209
Ion Ratio Lower Upper
162 100
127 40.3 33.2 49.8
164 32.8 26.9 40.3

Manual Integrations

APPROVED

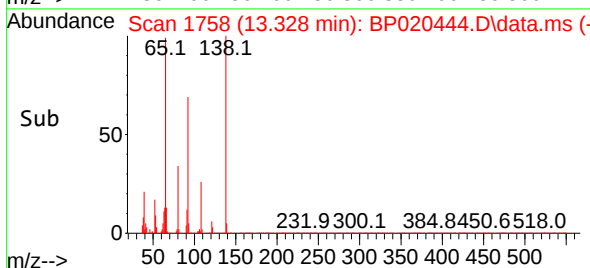
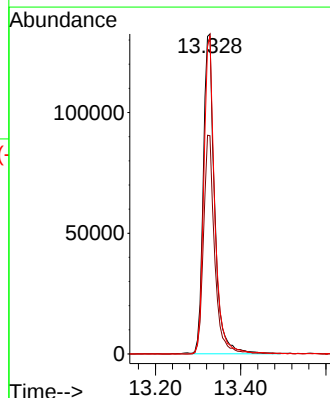
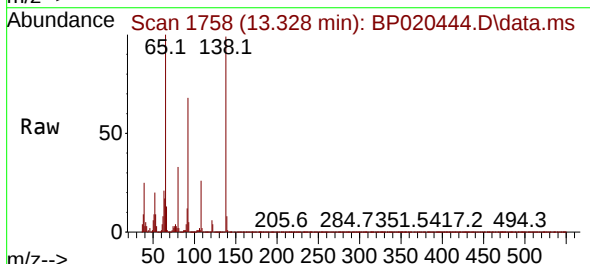
Reviewed By :Yogesh Patel 05/24/2024

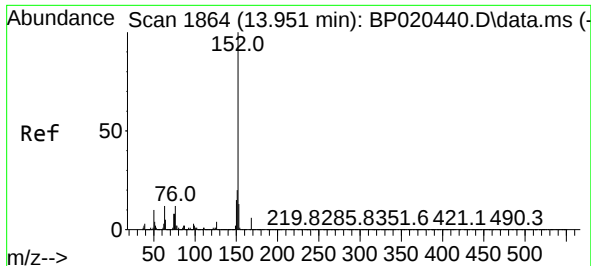
Supervised By :mohammad ahmed 05/24/2024



#48
2-Nitroaniline
Concen: 39.967 ng
RT: 13.328 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion: 65 Resp: 244954
Ion Ratio Lower Upper
65 100
92 68.2 53.5 80.3
138 99.4 76.9 115.3





#49
Acenaphthylene
Concen: 40.987 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :

BNA_P

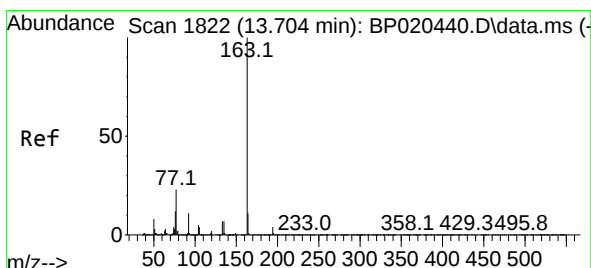
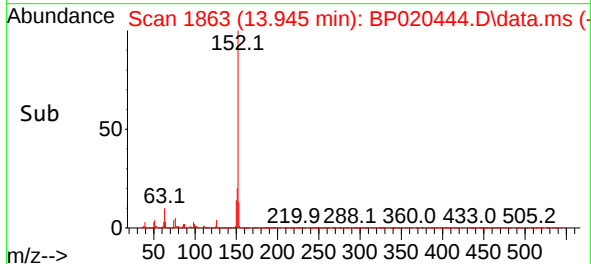
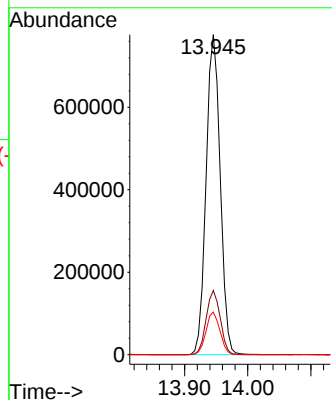
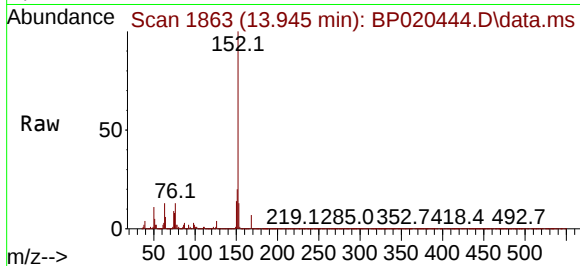
ClientSampleId :

ICVBP052224

Tgt Ion:152 Resp: 1201590
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.3 10.4 15.6

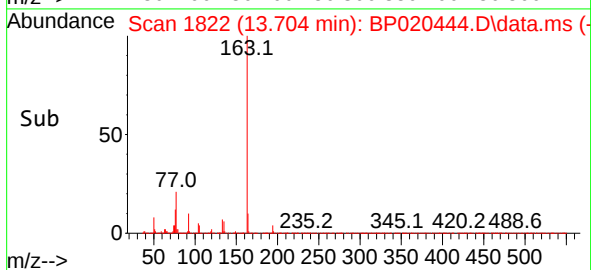
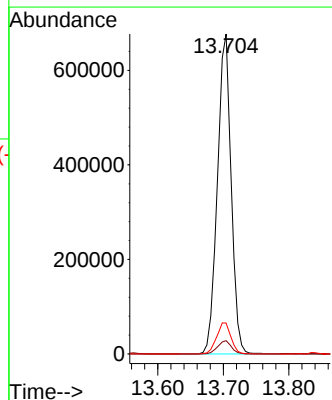
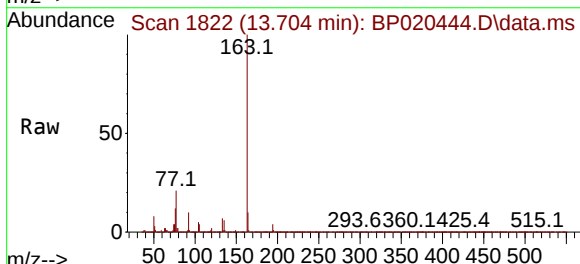
Manual Integrations
APPROVED

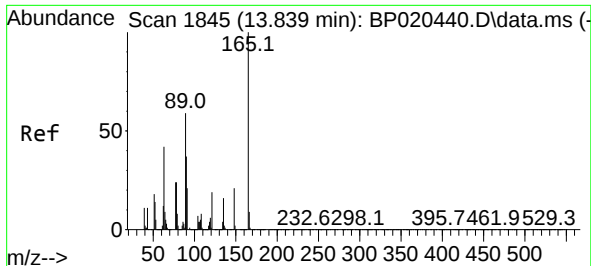
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#50
Dimethylphthalate
Concen: 39.089 ng
RT: 13.704 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion:163 Resp: 980969
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.7 8.7 13.1





#51
2,6-Dinitrotoluene
Concen: 38.223 ng
RT: 13.834 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

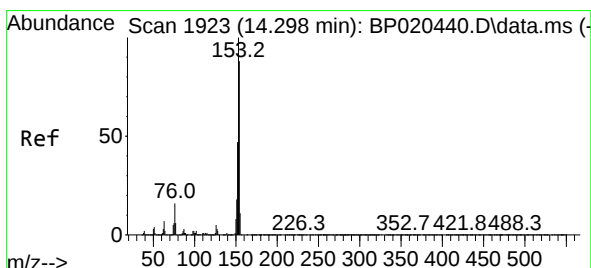
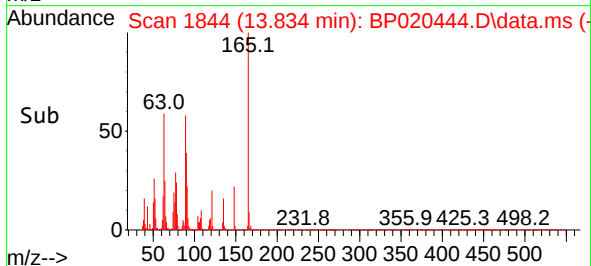
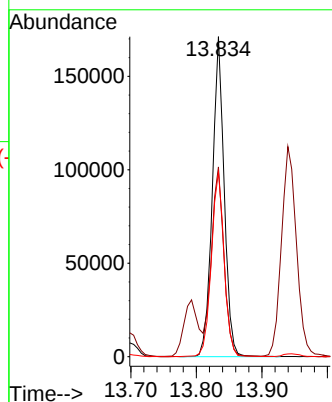
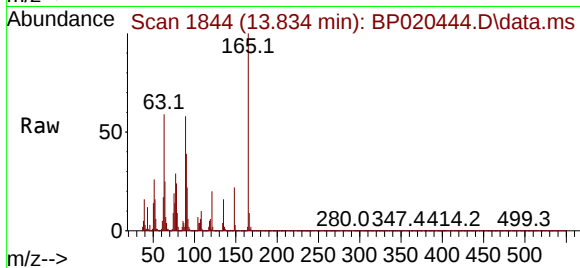
ICVBP052224

Tgt Ion:165 Resp: 215160
Ion Ratio Lower Upper
165 100
63 59.3 45.9 68.9
89 57.7 47.4 71.0

Manual Integrations

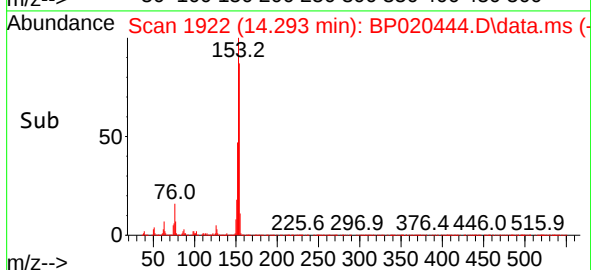
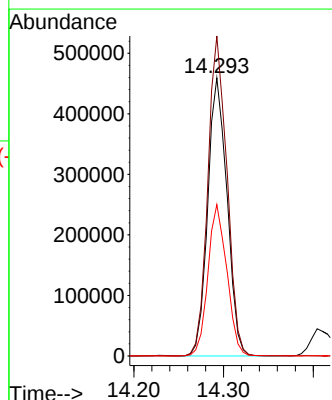
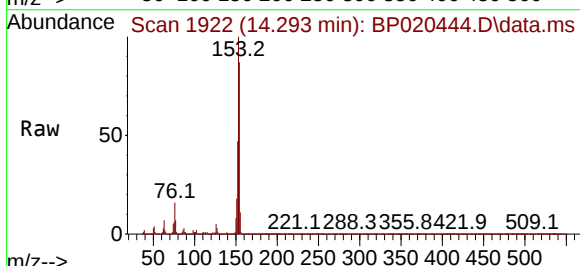
APPROVED

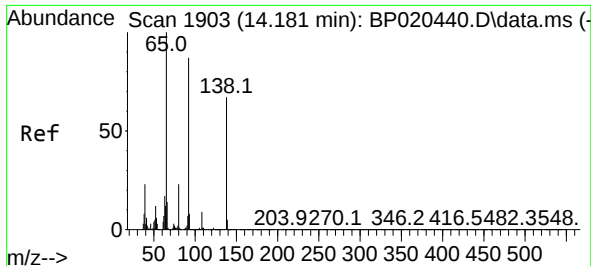
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#52
Acenaphthene
Concen: 36.722 ng
RT: 14.293 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

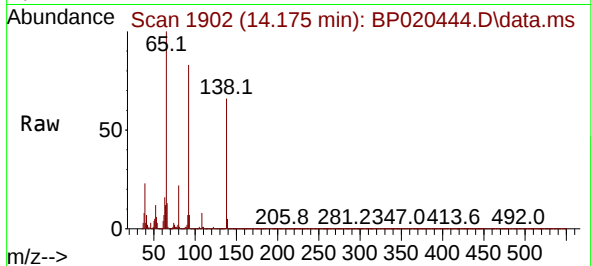
Tgt Ion:154 Resp: 685189
Ion Ratio Lower Upper
154 100
153 115.1 91.3 136.9
152 54.4 43.1 64.7





#53
3-Nitroaniline
Concen: 42.123 ng
RT: 14.175 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

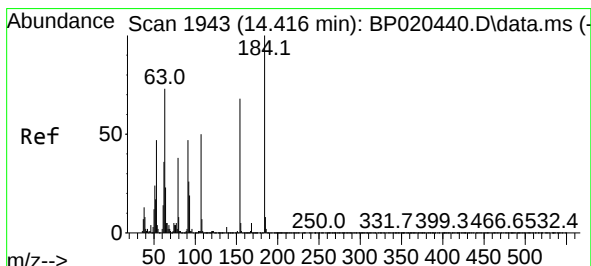
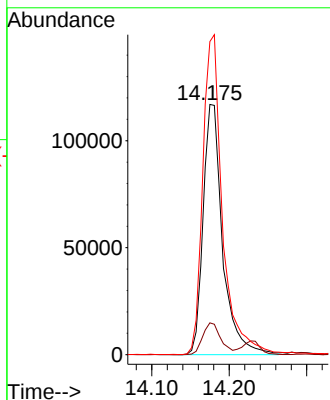
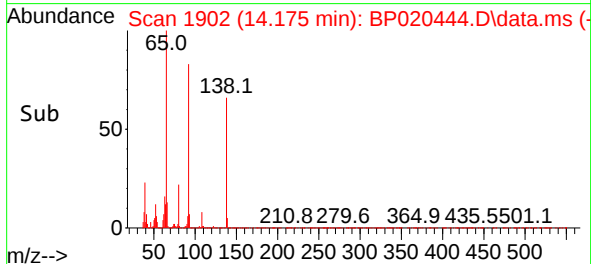
Instrument :
BNA_P
ClientSampleId :
ICVBP052224



Tgt Ion:138 Resp: 20388
Ion Ratio Lower Upper
138 100
108 12.7 10.6 15.8
92 125.2 102.8 154.2

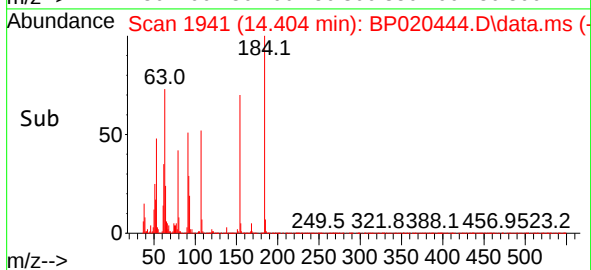
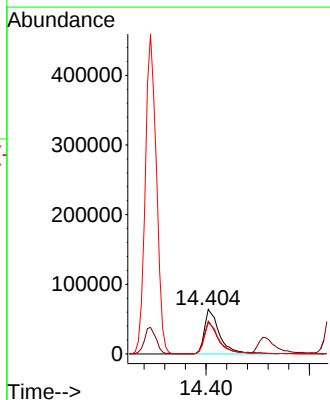
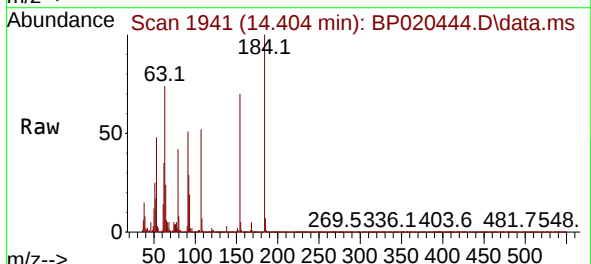
Manual Integrations
APPROVED

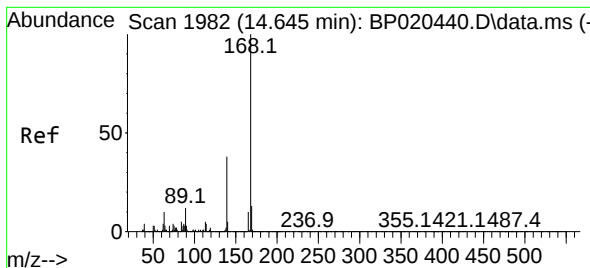
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#54
2,4-Dinitrophenol
Concen: 40.164 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion:184 Resp: 130876
Ion Ratio Lower Upper
184 100
63 73.5 58.2 87.4
154 70.4 54.6 82.0





#55
Dibenzofuran
Concen: 37.855 ng
RT: 14.645 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

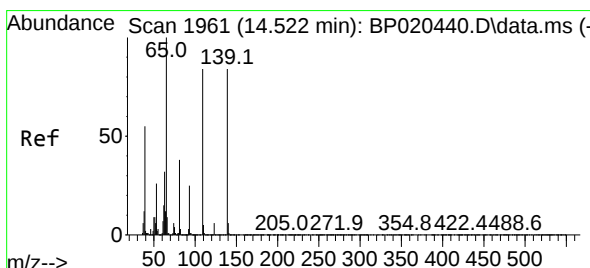
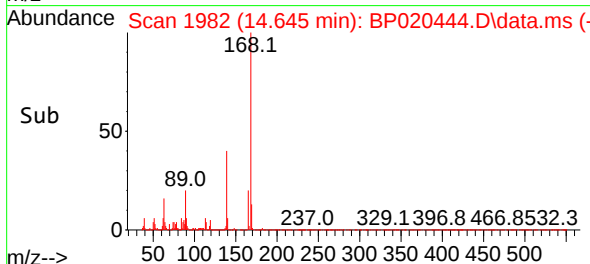
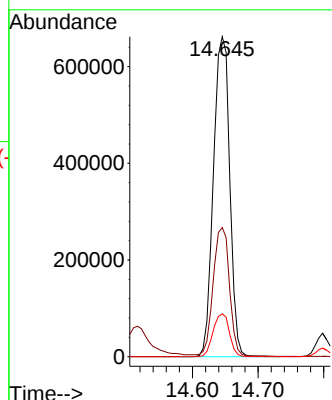
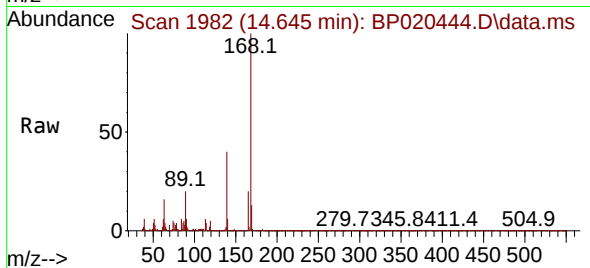
ICVBP052224

Tgt Ion:168 Resp: 1139670
Ion Ratio Lower Upper
168 100
139 40.4 30.7 46.1
169 13.4 10.5 15.7

Manual Integrations

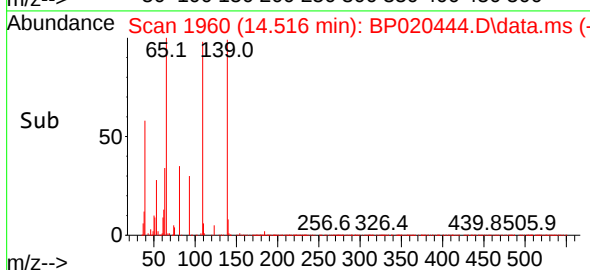
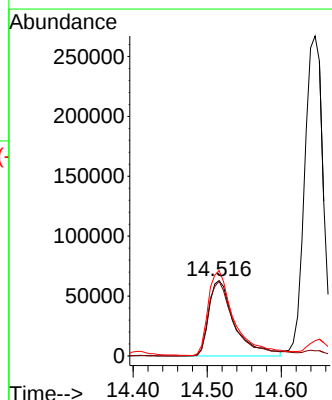
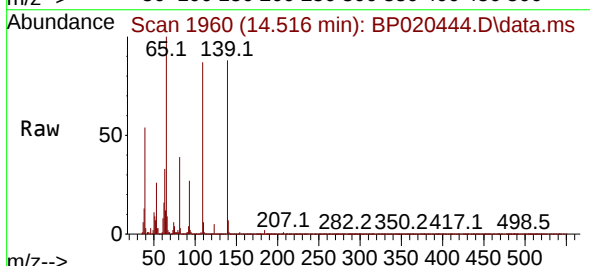
APPROVED

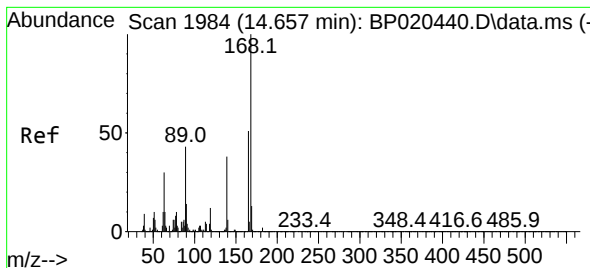
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#56
4-Nitrophenol
Concen: 46.338 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion:139 Resp: 152001
Ion Ratio Lower Upper
139 100
109 99.0 80.2 120.2
65 113.4 100.0 140.0





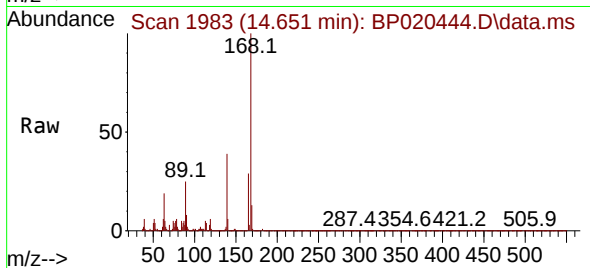
#57
2,4-Dinitrotoluene
Concen: 40.008 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224



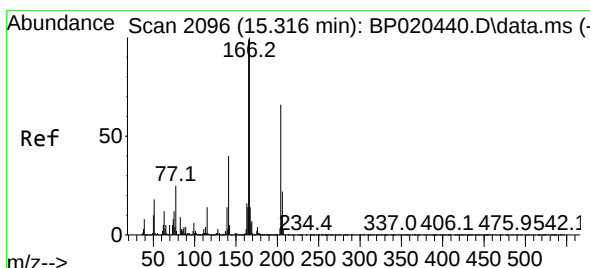
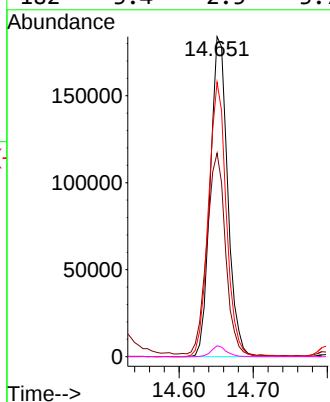
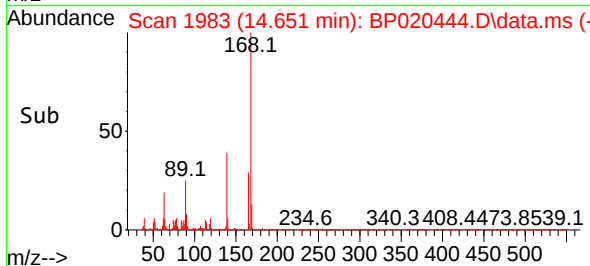
Tgt Ion:165 Resp: 300094
Ion Ratio Lower Upper
165 100
63 63.6 48.5 72.7
89 85.7 68.2 102.2
182 3.4 2.5 3.7

Manual Integrations

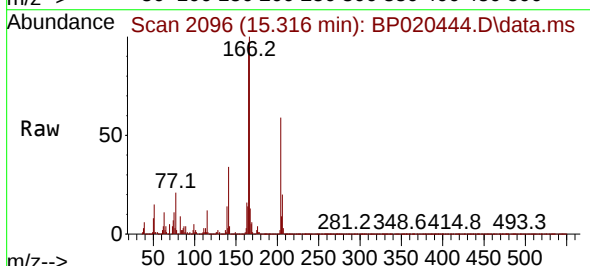
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

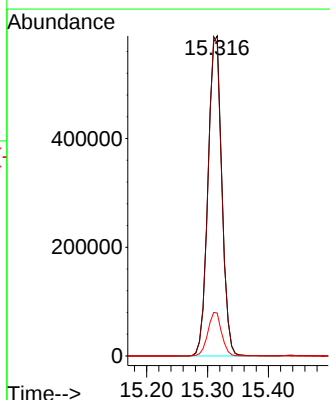
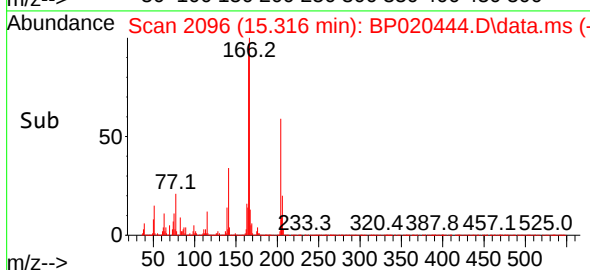
Supervised By :mohammad ahmed 05/24/2024

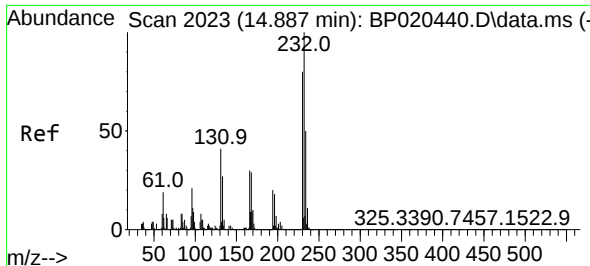


#58
Fluorene
Concen: 37.901 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53



Tgt Ion:166 Resp: 926452
Ion Ratio Lower Upper
166 100
165 97.5 79.1 118.7
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.889 ng
RT: 14.881 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

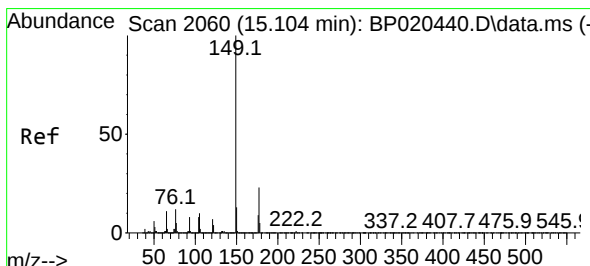
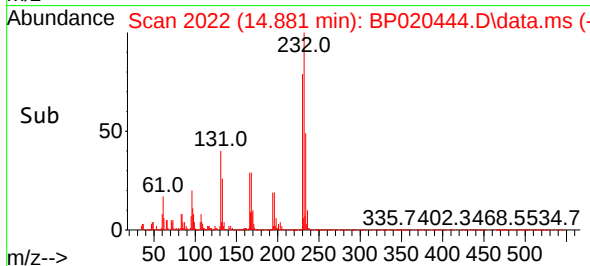
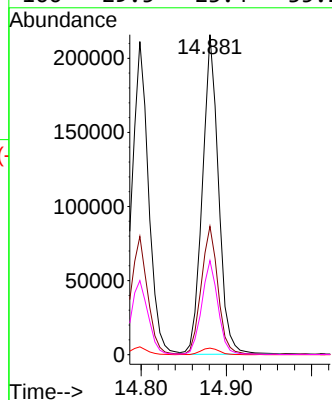
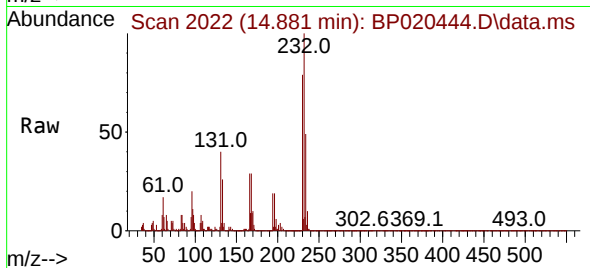
ICVBP052224

Tgt Ion:232 Resp: 283371
Ion Ratio Lower Upper
232 100
131 41.5 33.2 49.8
130 2.4 1.9 2.9
166 29.5 23.4 35.2

Manual Integrations

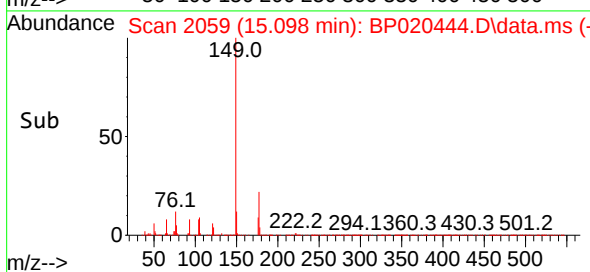
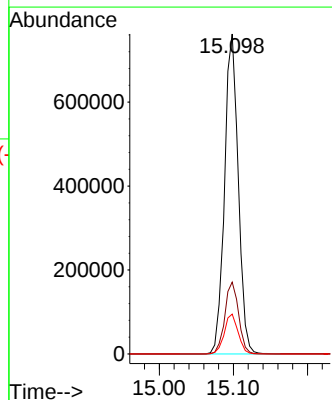
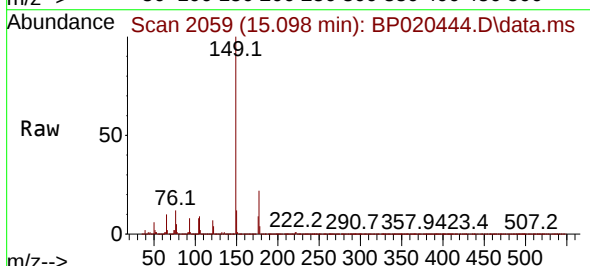
APPROVED

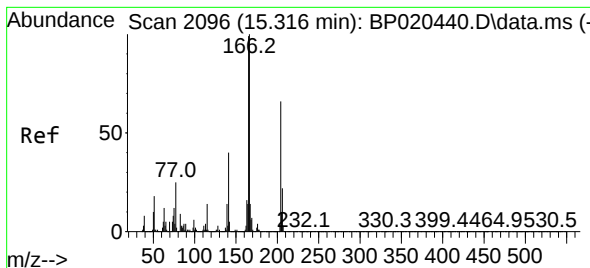
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#60
Diethylphthalate
Concen: 39.716 ng
RT: 15.098 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

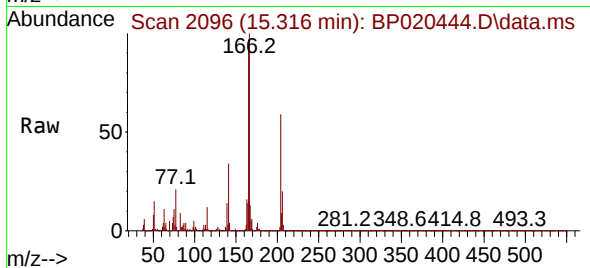
Tgt Ion:149 Resp: 979371
Ion Ratio Lower Upper
149 100
177 22.5 18.5 27.7
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 38.290 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

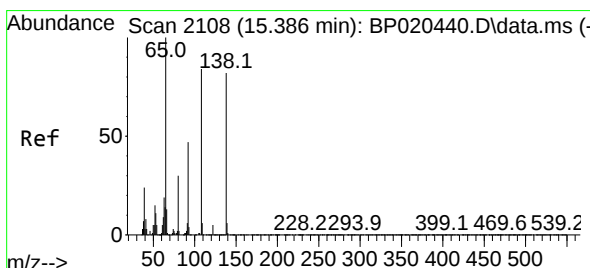
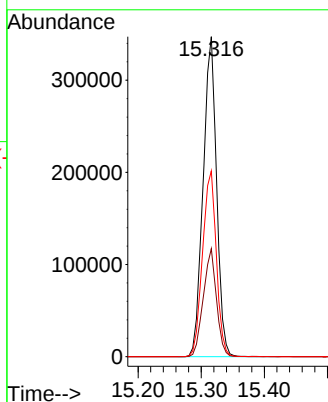
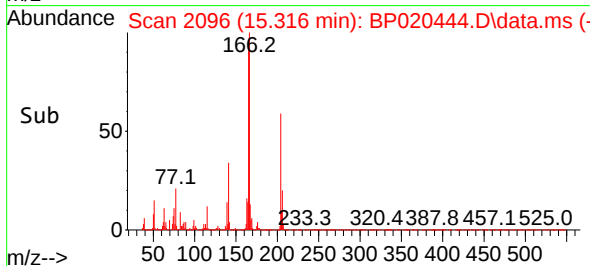
Instrument :
BNA_P
ClientSampleId :
ICVBP052224



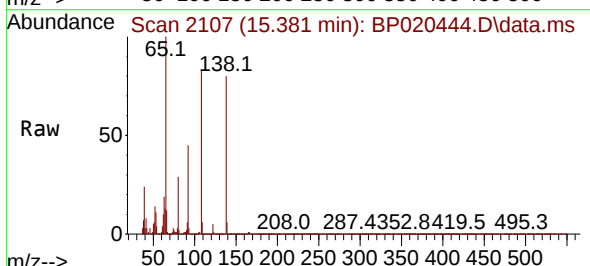
Tgt Ion:204 Resp: 51393
Ion Ratio Lower Upper
204 100
206 33.8 26.7 40.1
141 58.1 48.8 73.2

Manual Integrations
APPROVED

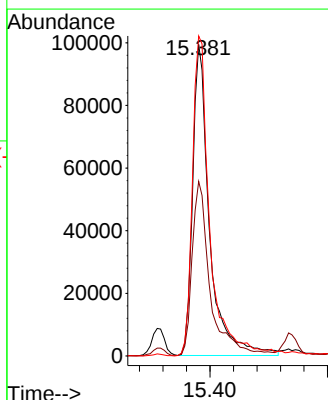
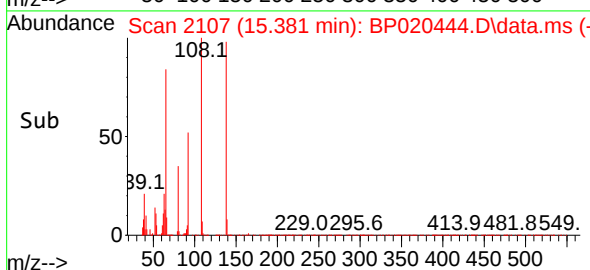
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

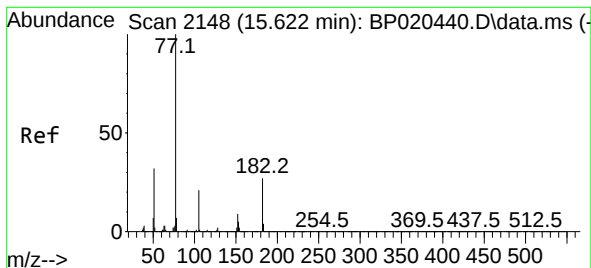


#62
4-Nitroaniline
Concen: 45.098 ng
RT: 15.381 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53



Tgt Ion:138 Resp: 198360
Ion Ratio Lower Upper
138 100
92 56.0 37.1 77.1
108 102.7 82.5 122.5





#63

Azobenzene

Concen: 39.649 ng

RT: 15.616 min Scan# 2147

Delta R.T. -0.006 min

Lab File: BP020444.D

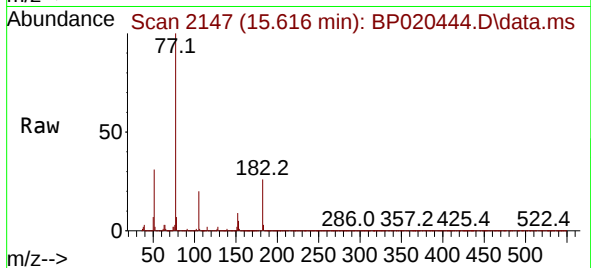
Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224



Tgt Ion: 77 Resp: 94632

Ion Ratio Lower Upper

77 100

182 25.7 6.6 46.6

105 20.4 1.1 41.1

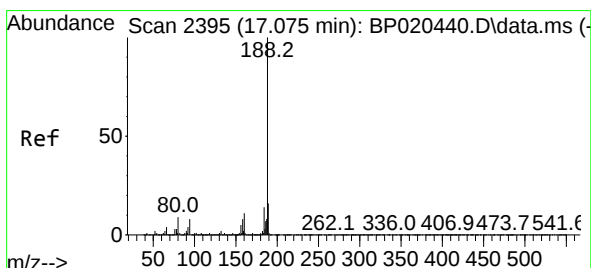
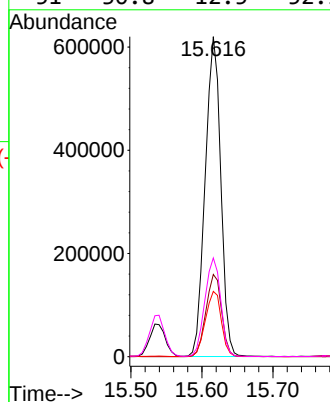
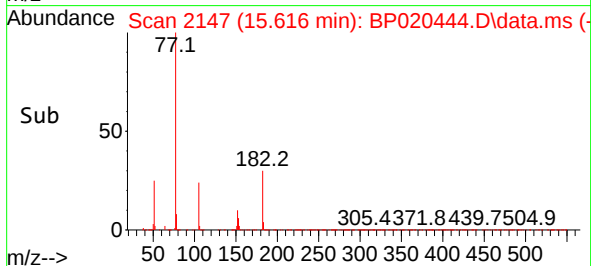
51 30.8 12.5 52.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.075 min Scan# 2395

Delta R.T. 0.000 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

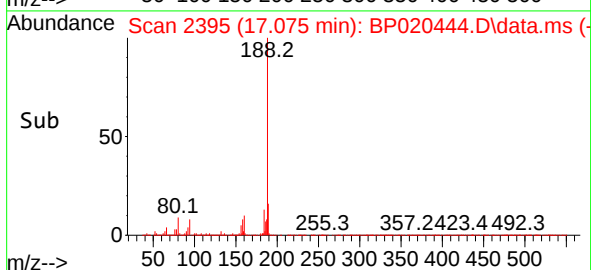
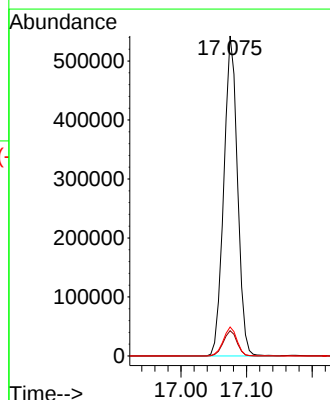
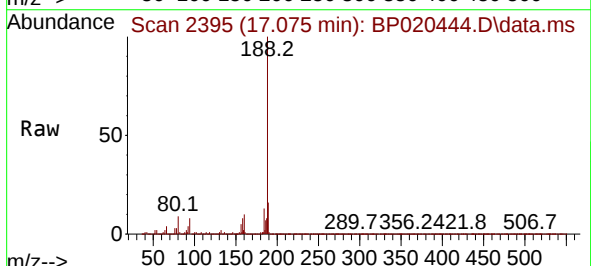
Tgt Ion:188 Resp: 783710

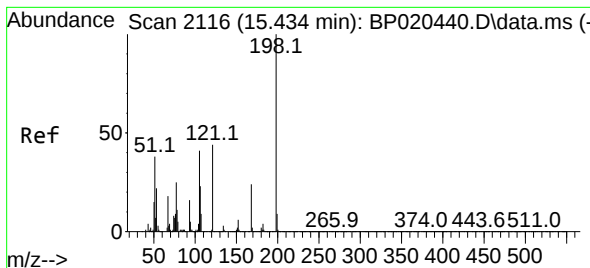
Ion Ratio Lower Upper

188 100

94 7.9 6.5 9.7

80 9.1 7.5 11.3





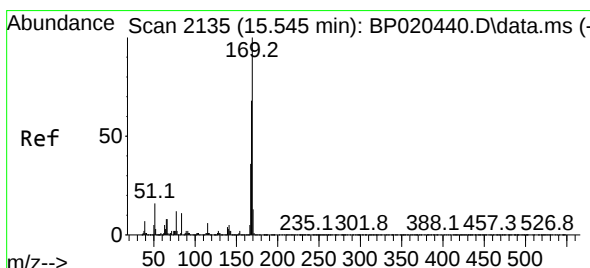
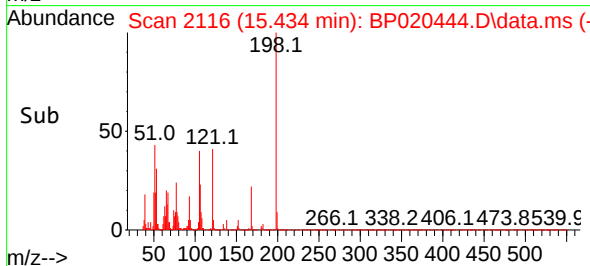
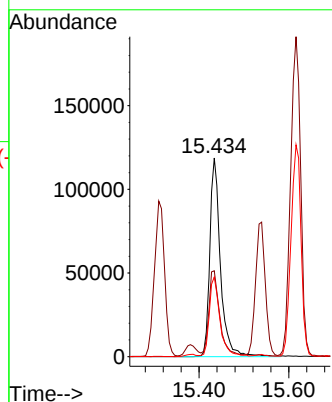
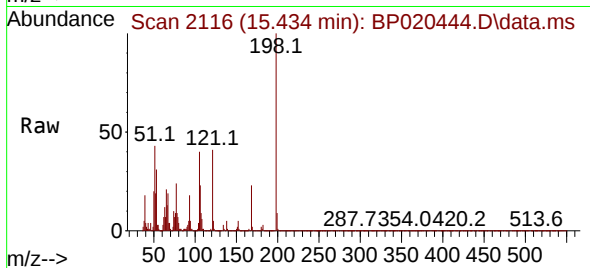
#65
4,6-Dinitro-2-methylphenol
Concen: 39.260 ng
RT: 15.434 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :
BNA_P
ClientSampleId :
ICVBP052224

Tgt Ion:198 Resp: 195492
Ion Ratio Lower Upper
198 100
51 43.2 24.6 64.6
105 40.1 21.6 61.6

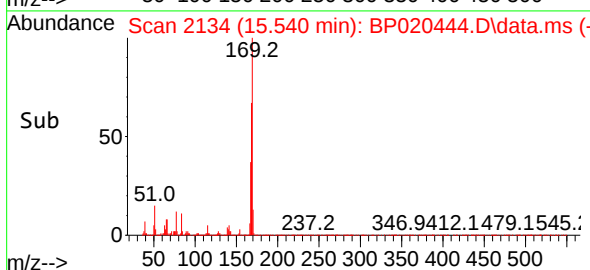
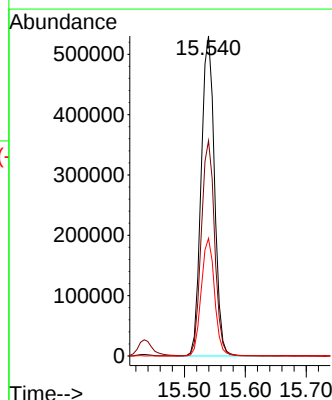
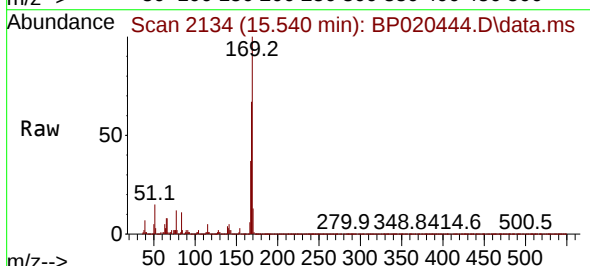
Manual Integrations
APPROVED

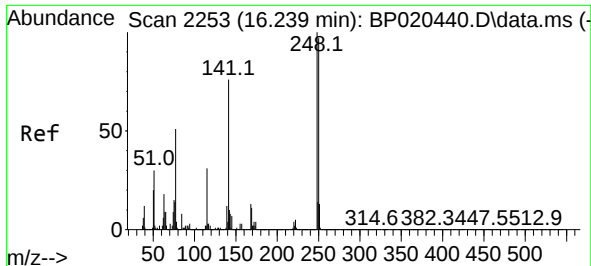
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#66
n-Nitrosodiphenylamine
Concen: 37.004 ng
RT: 15.540 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion:169 Resp: 801185
Ion Ratio Lower Upper
169 100
168 67.2 54.4 81.6
167 36.7 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 36.657 ng
RT: 16.234 min Scan# 2253
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :

BNA_P

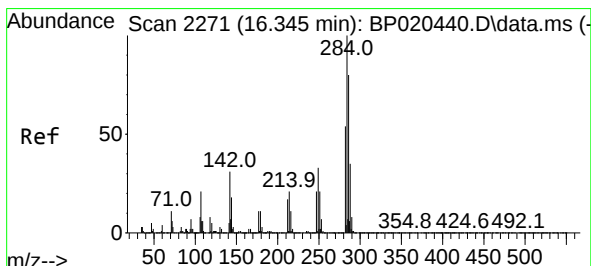
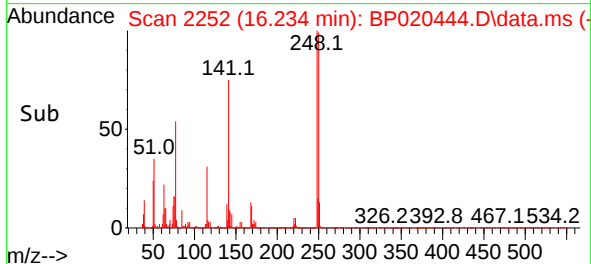
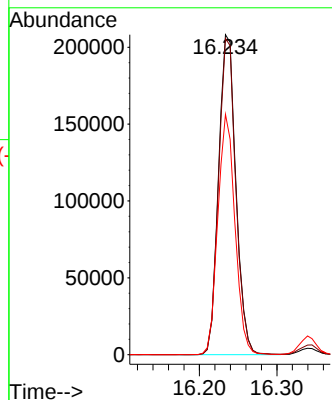
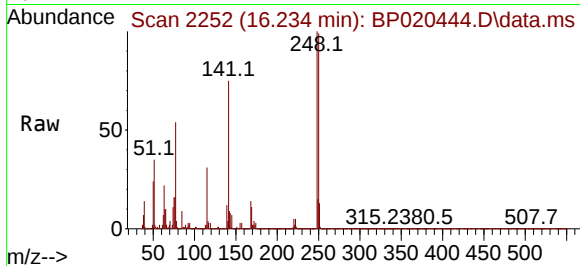
ClientSampleId :

ICVBP052224

Tgt Ion:248 Resp: 32418
Ion Ratio Lower Upper
248 100
250 98.9 78.0 117.0
141 75.1 60.7 91.1

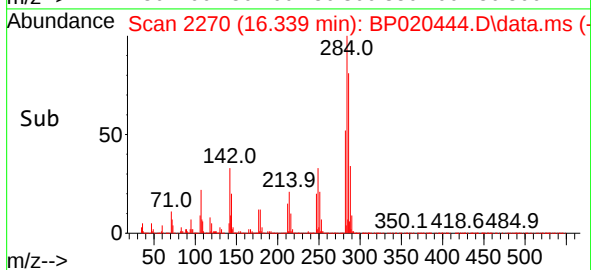
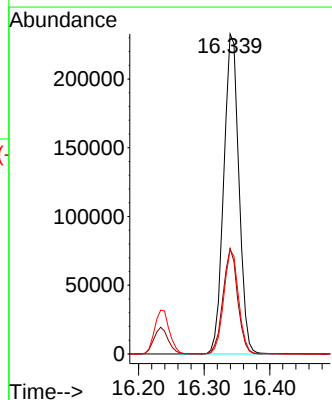
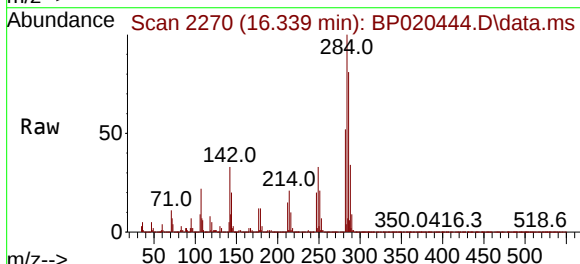
Manual Integrations
APPROVED

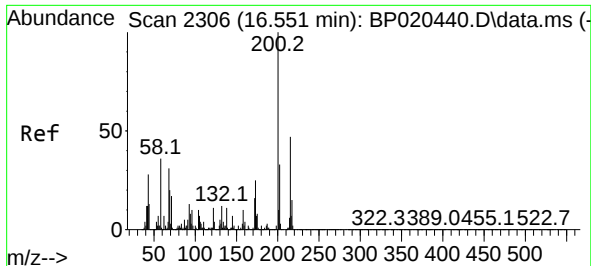
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#68
Hexachlorobenzene
Concen: 35.622 ng
RT: 16.339 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

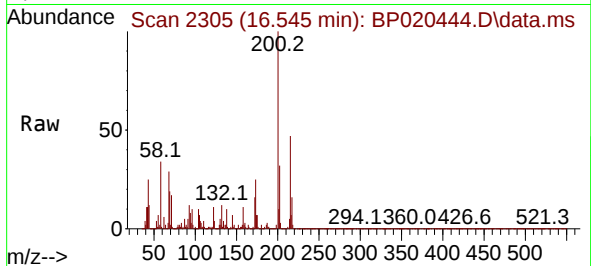
Tgt Ion:284 Resp: 372281
Ion Ratio Lower Upper
284 100
142 33.0 24.5 36.7
249 32.6 26.3 39.5





#69
Atrazine
Concen: 51.355 ng
RT: 16.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

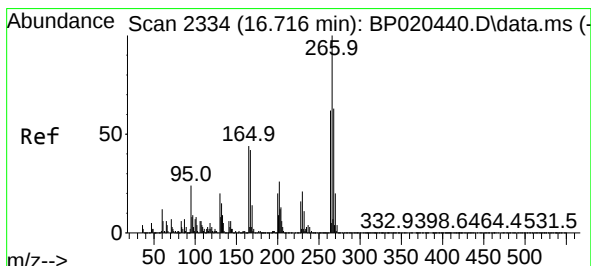
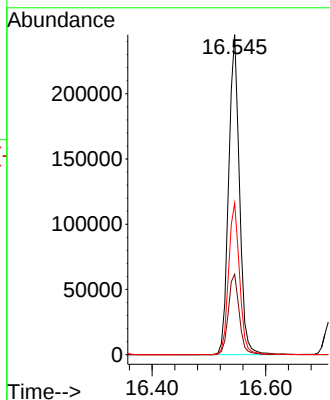
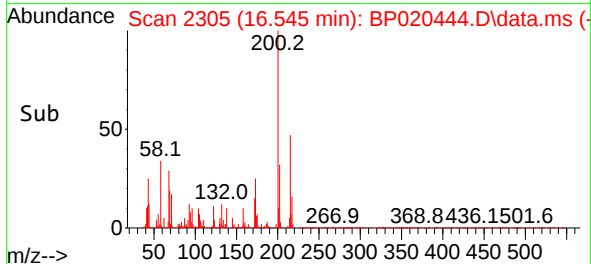
Instrument :
BNA_P
ClientSampleId :
ICVBP052224



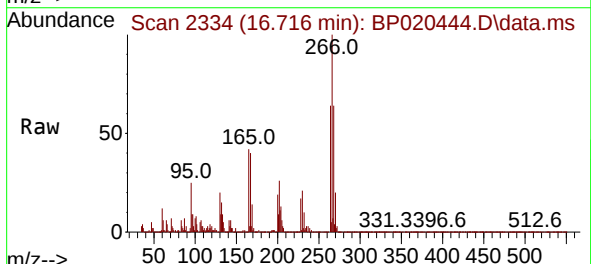
Tgt Ion:200 Resp: 324200
Ion Ratio Lower Upper
200 100
173 25.2 4.9 44.9
215 47.4 27.1 67.1

Manual Integrations
APPROVED

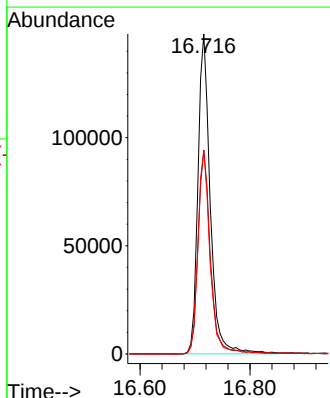
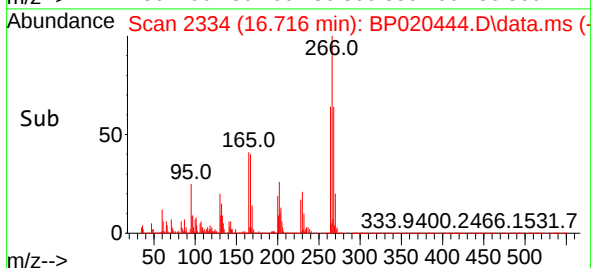
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

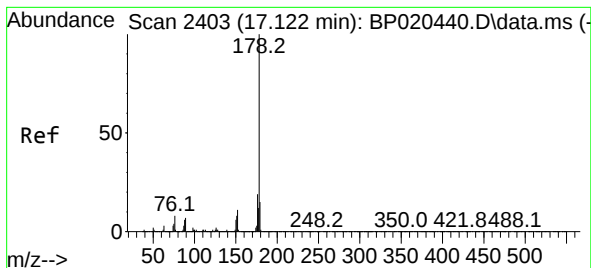


#70
Pentachlorophenol
Concen: 38.856 ng
RT: 16.716 min Scan# 2334
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53



Tgt Ion:266 Resp: 230161
Ion Ratio Lower Upper
266 100
268 63.6 50.8 76.2
264 63.5 49.9 74.9





#71

Phenanthrene

Concen: 38.432 ng

RT: 17.116 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224

Tgt Ion:178 Resp: 145183

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

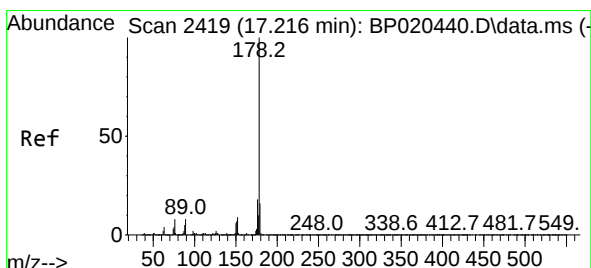
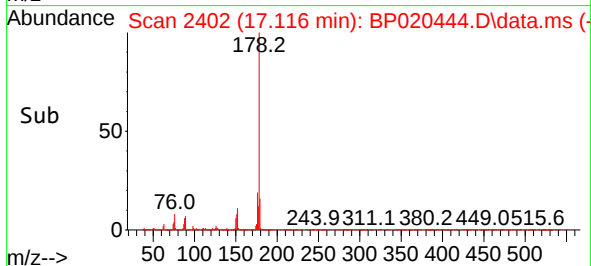
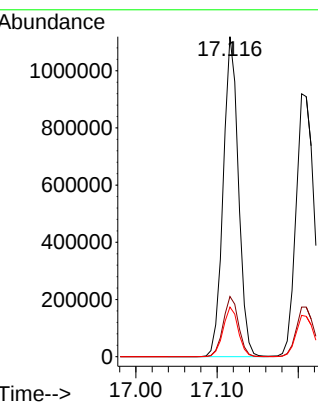
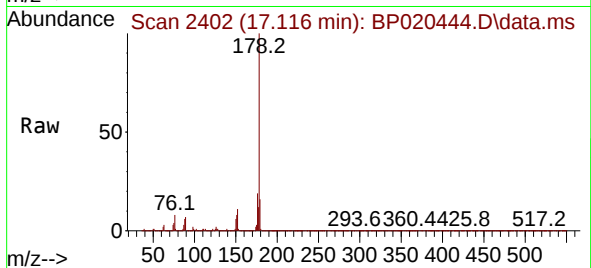
179 15.5 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#72

Anthracene

Concen: 40.068 ng

RT: 17.204 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

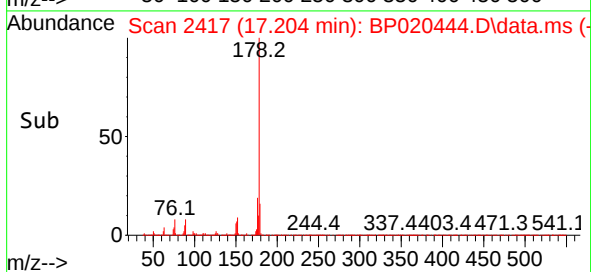
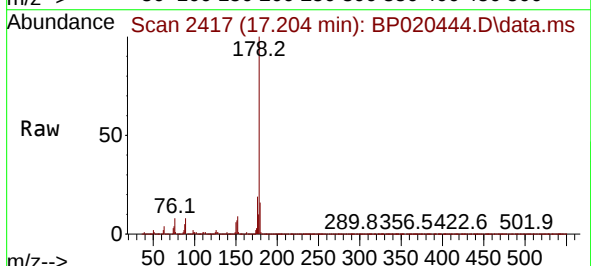
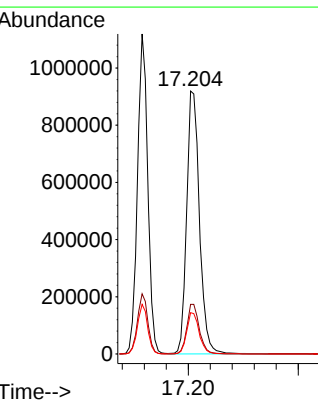
Tgt Ion:178 Resp: 1485373

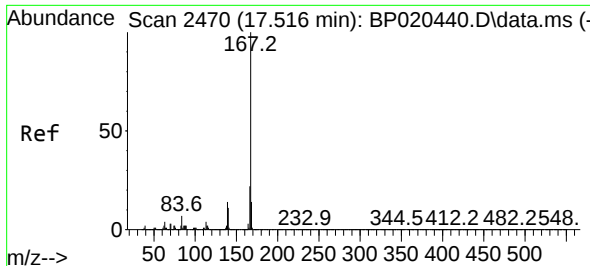
Ion Ratio Lower Upper

178 100

176 18.9 14.6 22.0

179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 40.161 ng
 RT: 17.510 min Scan# 2470
 Delta R.T. -0.006 min
 Lab File: BP020444.D
 Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

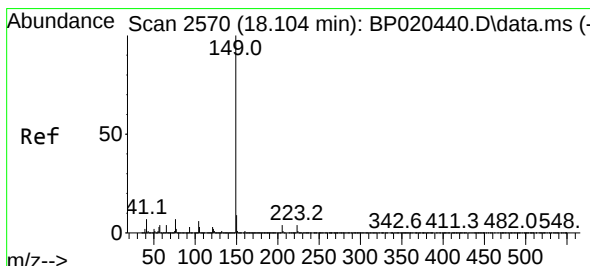
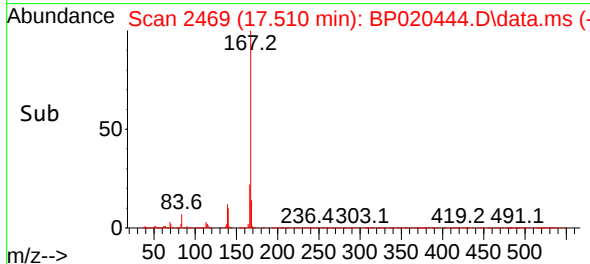
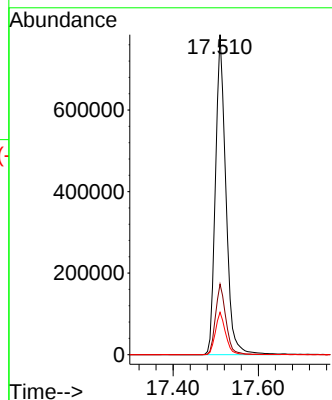
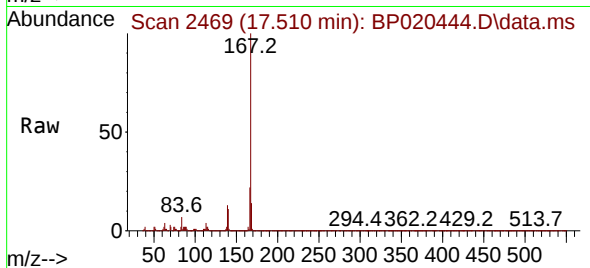
ICVBP052224

Tgt Ion:167 Resp: 1332060
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 13.3 10.8 16.2

Manual Integrations

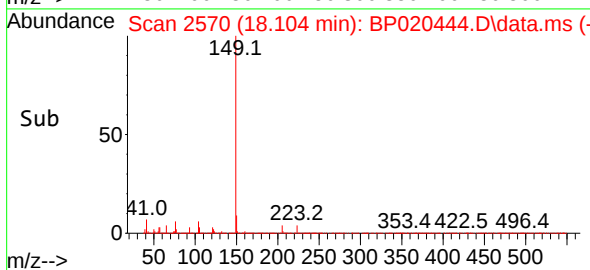
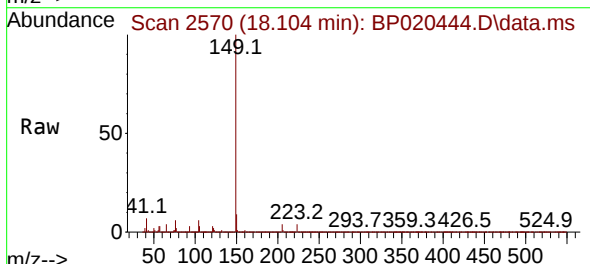
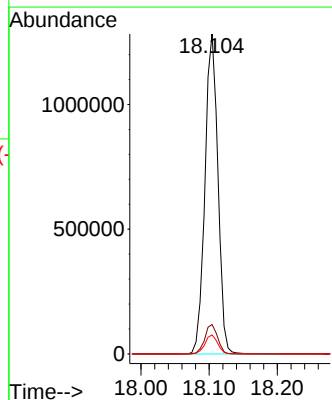
APPROVED

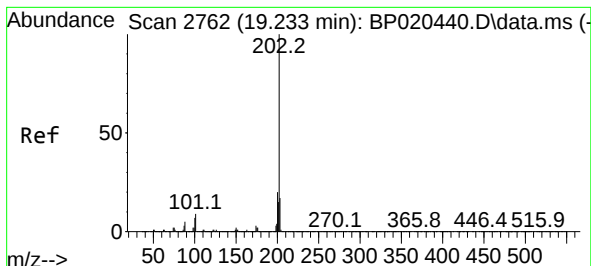
Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024



#74
 Di-n-butylphthalate
 Concen: 42.633 ng
 RT: 18.104 min Scan# 2570
 Delta R.T. 0.000 min
 Lab File: BP020444.D
 Acq: 22 May 2024 20:53

Tgt Ion:149 Resp: 1697278
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.9 4.9 7.3





#75

Fluoranthene

Concen: 40.833 ng

RT: 19.228 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224

Tgt Ion:202 Resp: 179695

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.8

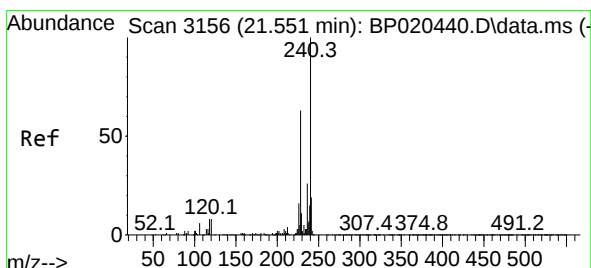
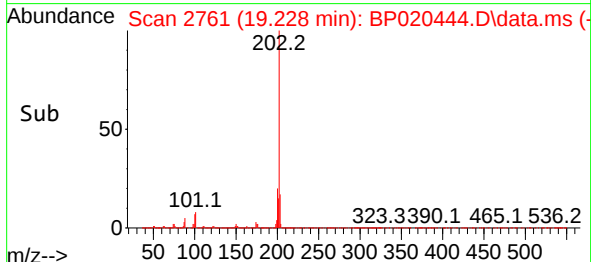
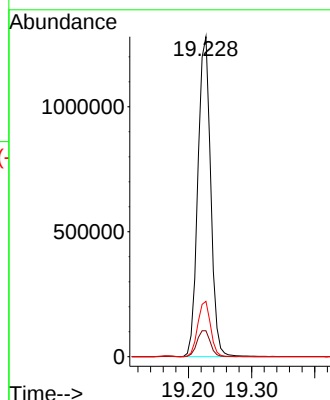
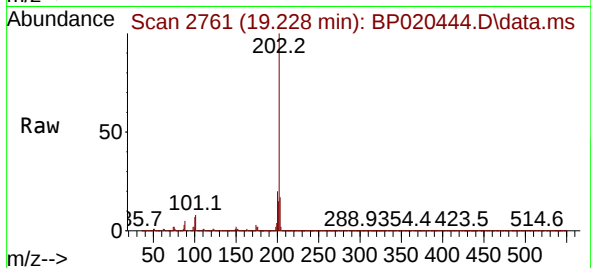
203 17.3 0.0 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.551 min Scan# 3156

Delta R.T. 0.000 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

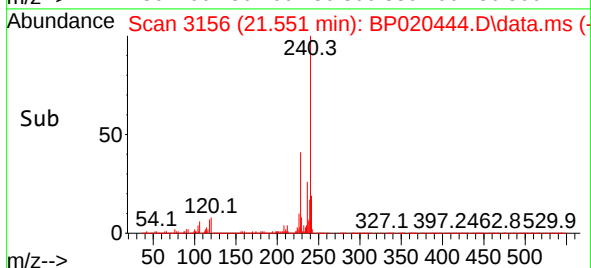
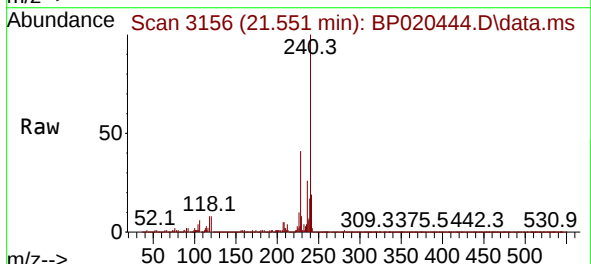
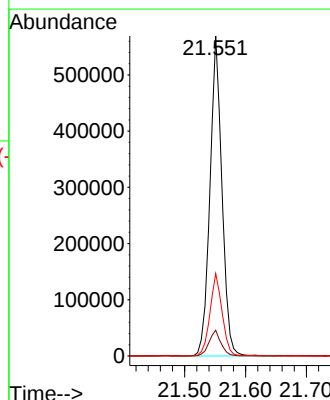
Tgt Ion:240 Resp: 778996

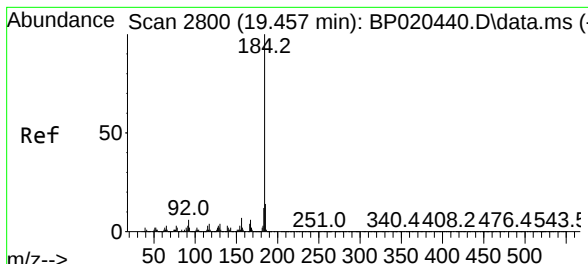
Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

236 25.8 21.0 31.4



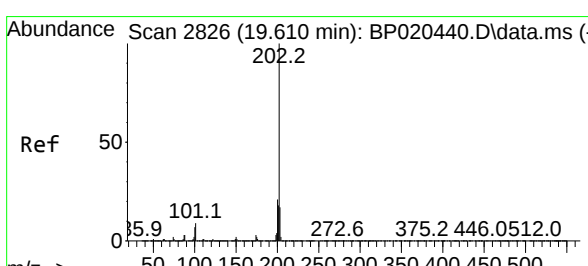
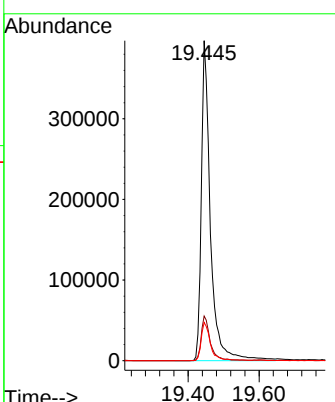
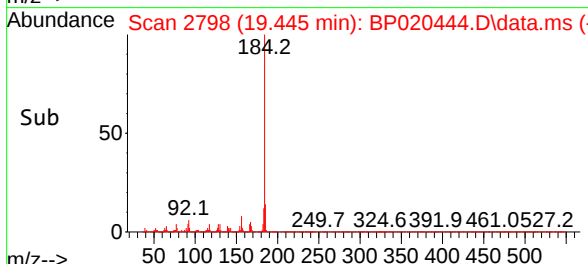
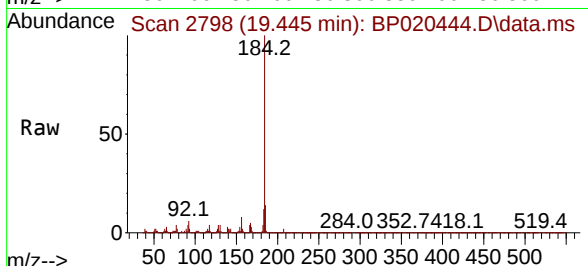


#77
Benzidine
Concen: 64.778 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument : BNA_P
ClientSampleId : ICVBP052224

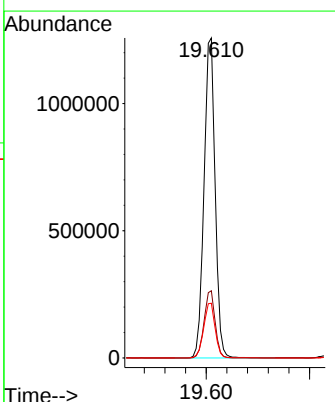
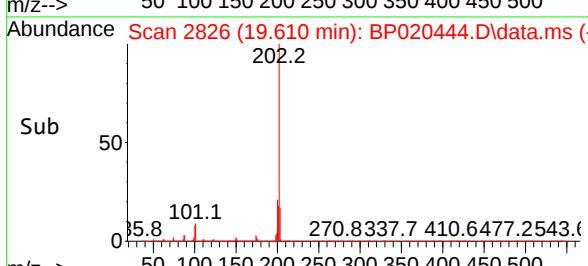
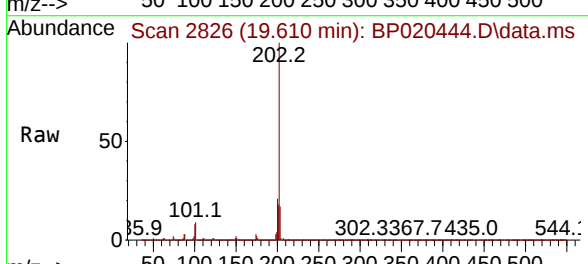
Tgt Ion:	184	Resp:	706000
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.4	17.2
183	12.0	9.8	14.6

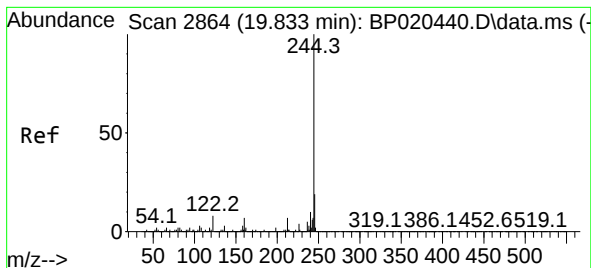
Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#78
Pyrene
Concen: 35.525 ng
RT: 19.610 min Scan# 2826
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion:	202	Resp:	1872517
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.8	25.2
203	17.1	13.8	20.6





#79

Terphenyl-d14

Concen: 73.467 ng

RT: 19.833 min Scan# 2864

Delta R.T. 0.000 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224

Tgt Ion:244 Resp: 3345094

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

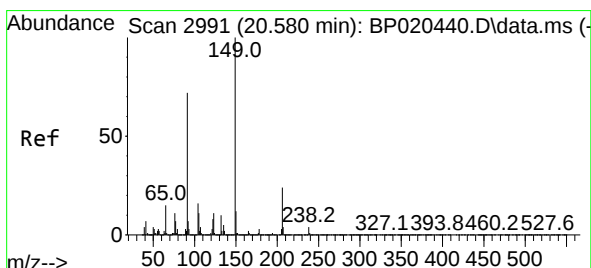
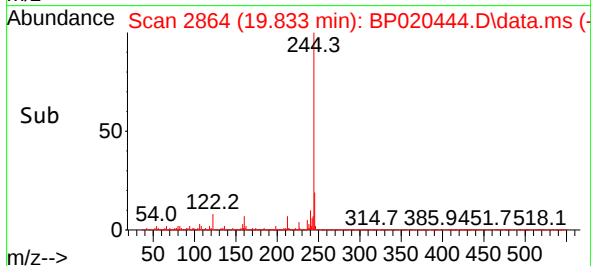
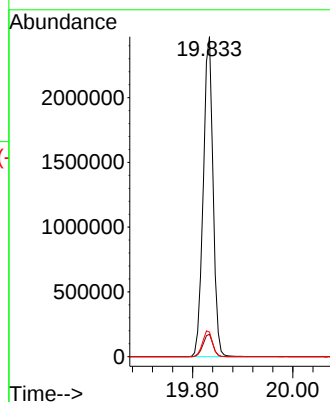
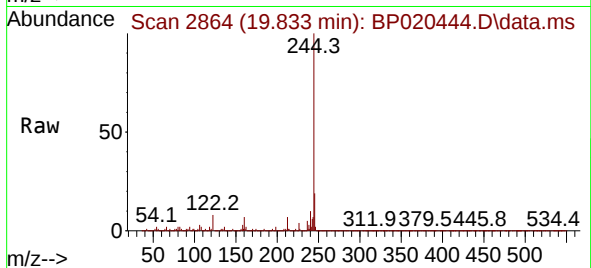
122 7.7 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#80

Butylbenzylphthalate

Concen: 41.657 ng

RT: 20.586 min Scan# 2992

Delta R.T. 0.006 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

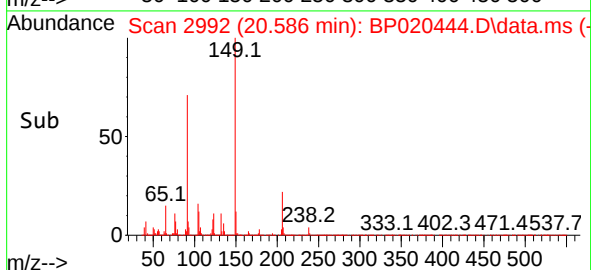
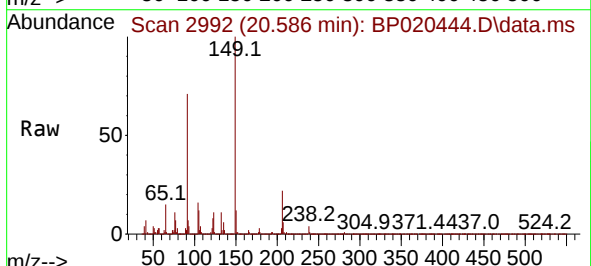
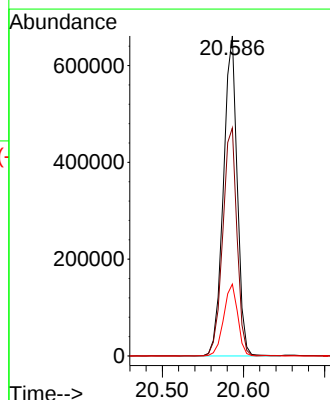
Tgt Ion:149 Resp: 783381

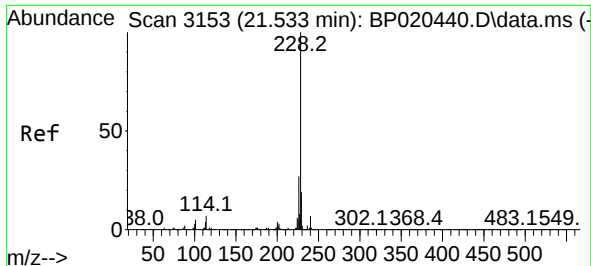
Ion Ratio Lower Upper

149 100

91 71.2 57.4 86.0

206 22.4 19.1 28.7





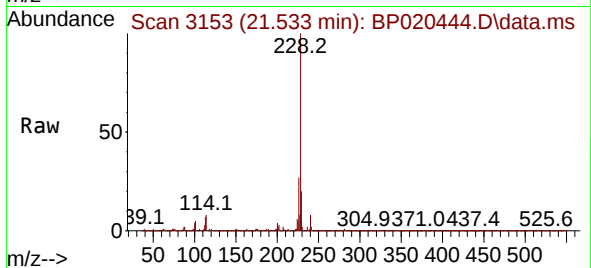
#81
Benzo(a)anthracene
Concen: 39.464 ng
RT: 21.533 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224



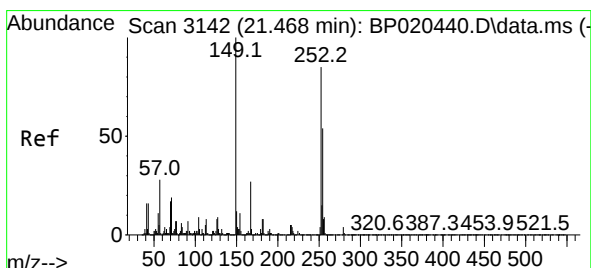
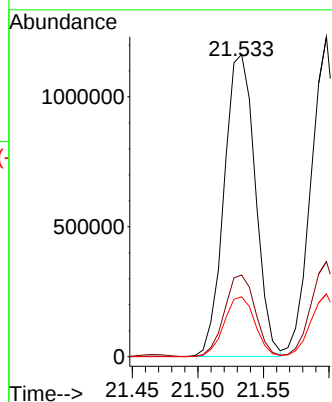
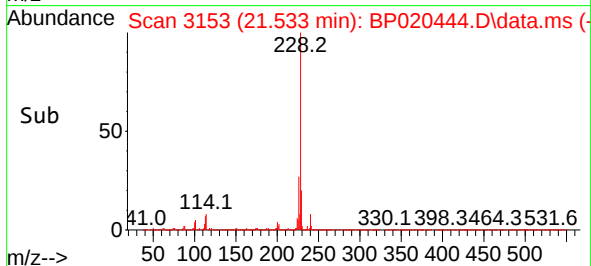
Tgt Ion:228 Resp: 1919799
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.8 15.4 23.2

Manual Integrations

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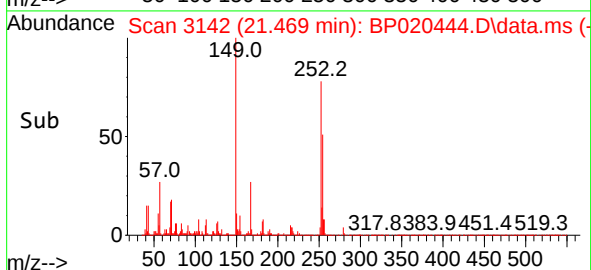
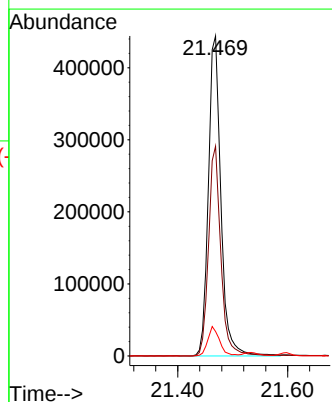
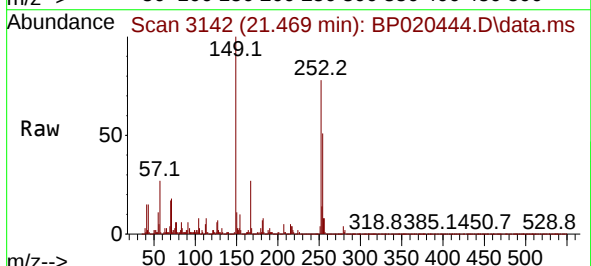
Reviewed By :Yogesh Patel 05/24/2024

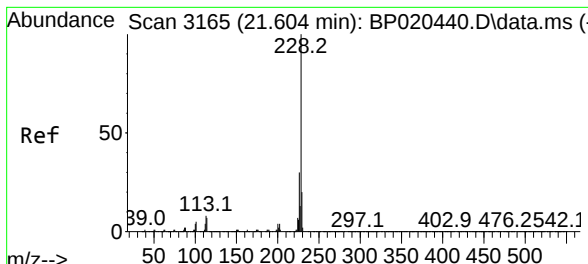
Supervised By :mohammad ahmed 05/24/2024



#82
3,3'-Dichlorobenzidine
Concen: 42.203 ng
RT: 21.469 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion:252 Resp: 699893
Ion Ratio Lower Upper
252 100
254 65.5 51.3 76.9
126 7.7 7.2 10.8





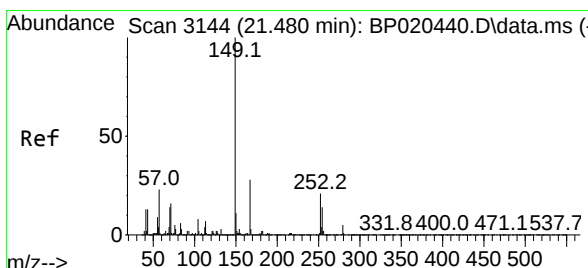
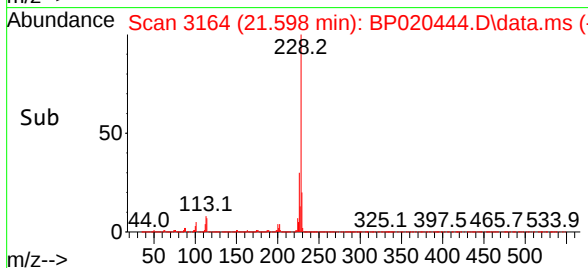
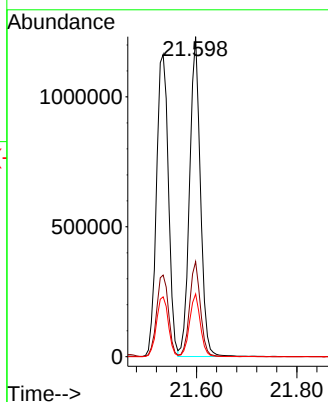
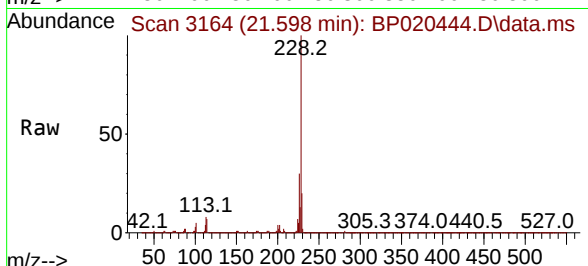
#83
 Chrysene
 Concen: 38.420 ng
 RT: 21.598 min Scan# 3164
 Delta R.T. -0.006 min
 Lab File: BP020444.D
 Acq: 22 May 2024 20:53

Instrument : BNA_P
 ClientSampleId : ICVBP052224

Tgt Ion: 228 Resp: 183912
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.9 35.9
 229 19.6 15.9 23.9

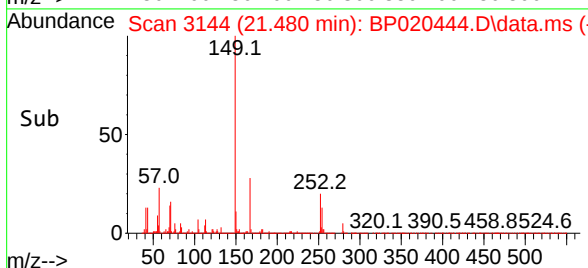
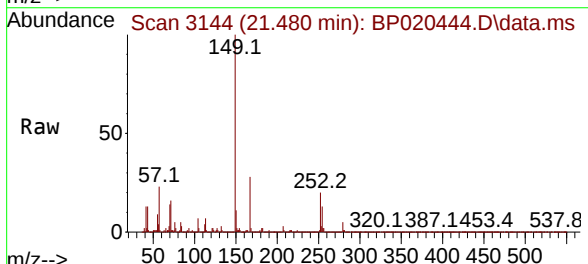
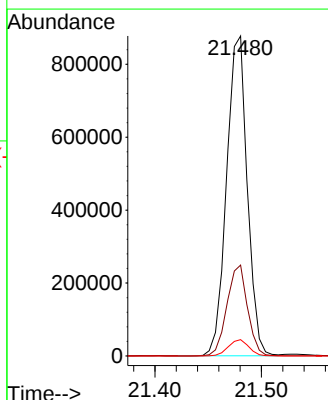
Manual Integrations
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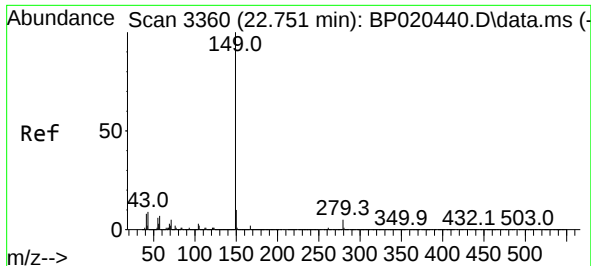
Reviewed By : Yogesh Patel 05/24/2024
 Supervised By : mohammad ahmed 05/24/2024



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.423 ng
 RT: 21.480 min Scan# 3144
 Delta R.T. 0.000 min
 Lab File: BP020444.D
 Acq: 22 May 2024 20:53

Tgt Ion: 149 Resp: 1182986
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.5 33.7
 279 5.1 4.1 6.1





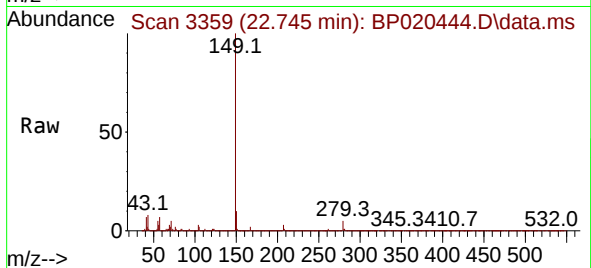
#85
Di-n-octyl phthalate
Concen: 44.039 ng
RT: 22.745 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224



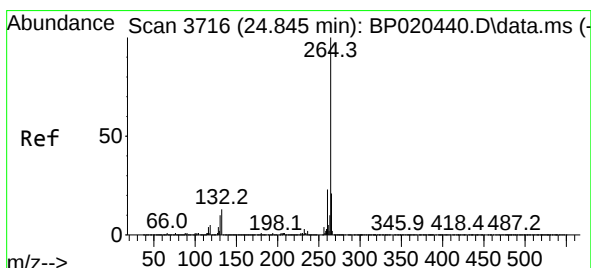
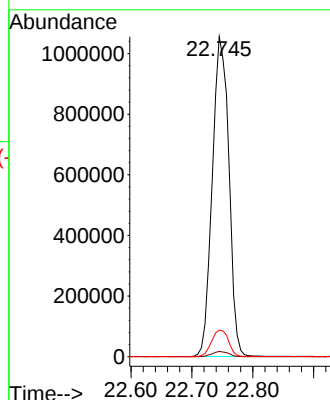
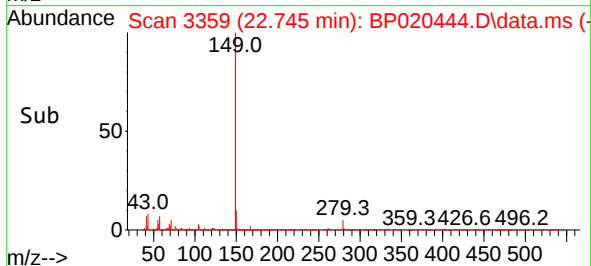
Tgt Ion:149 Resp: 199654
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.0 10.6

Manual Integrations

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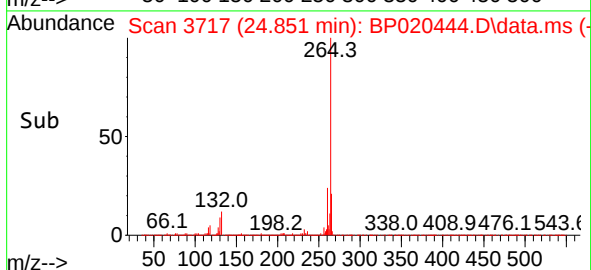
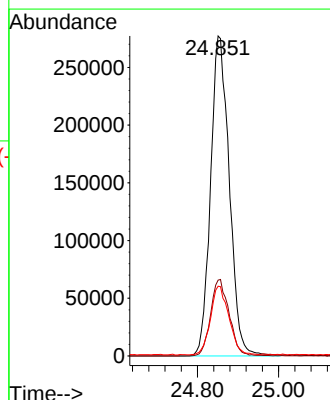
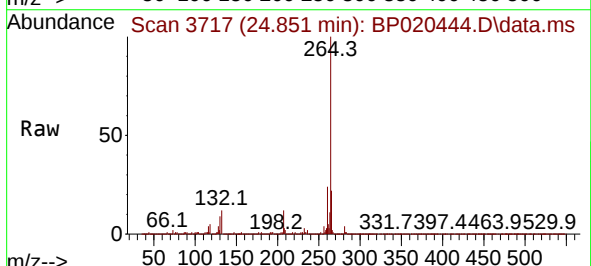
Reviewed By :Yogesh Patel 05/24/2024

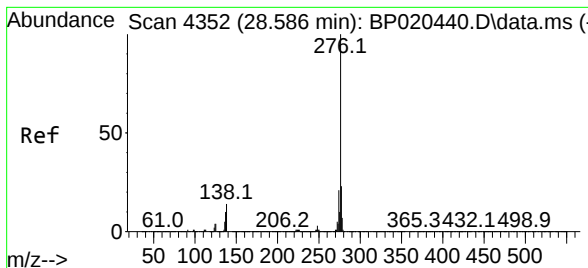
Supervised By :mohammad ahmed 05/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.851 min Scan# 3717
Delta R.T. 0.006 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion:264 Resp: 886435
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.981 ng m

RT: 28.598 min Scan# 4352

Delta R.T. 0.012 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224

Tgt Ion:276 Resp: 2295849

Ion Ratio Lower Upper

276 100

138 12.4 10.1 15.1

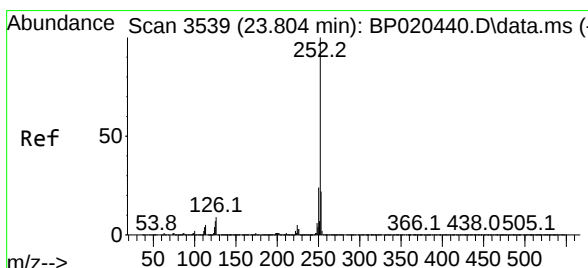
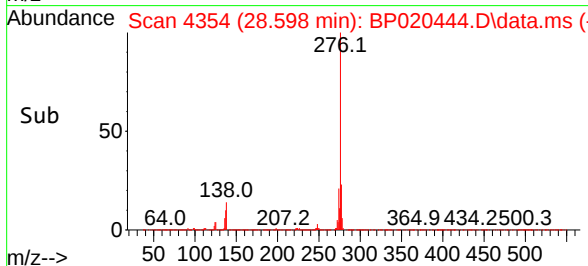
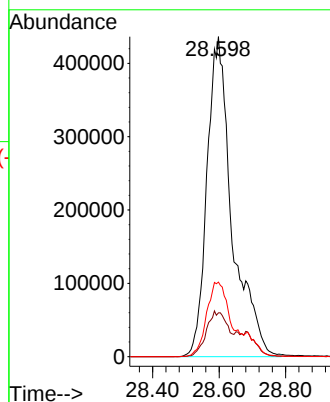
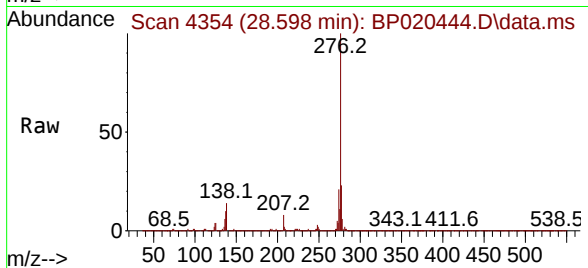
277 22.2 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#88

Benzo(b)fluoranthene

Concen: 38.148 ng

RT: 23.804 min Scan# 3539

Delta R.T. 0.000 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

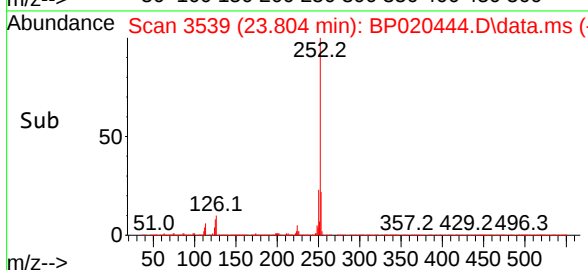
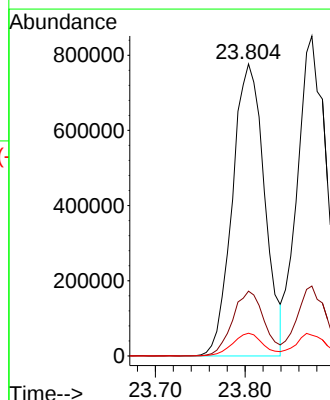
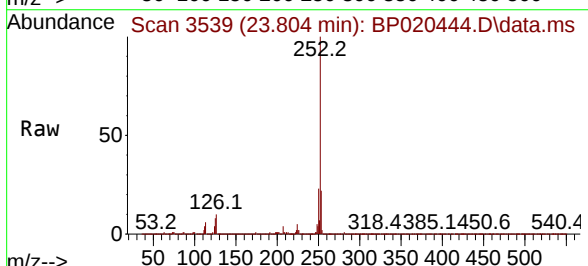
Tgt Ion:252 Resp: 1932074

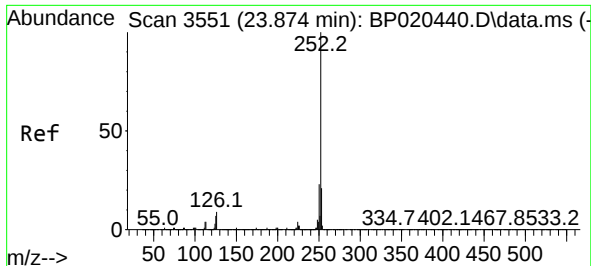
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

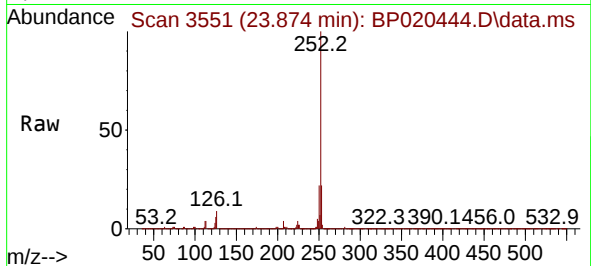
125 7.8 5.5 8.3





#89
Benzo(k)fluoranthene
Concen: 38.985 ng
RT: 23.874 min Scan# 3551
Delta R.T. 0.000 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

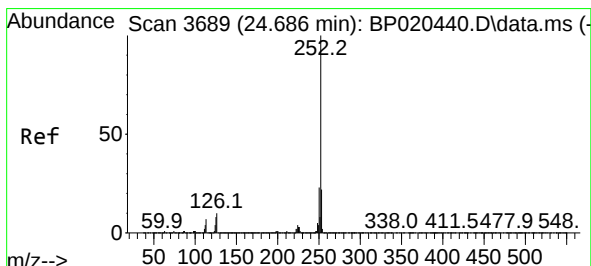
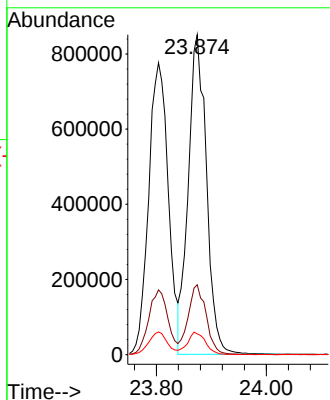
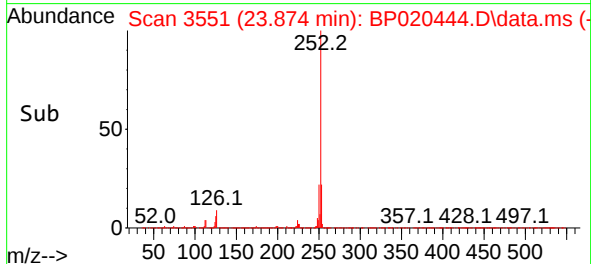
Instrument :
BNA_P
ClientSampleId :
ICVBP052224



Tgt Ion:252 Resp: 1950369
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 6.5 5.6 8.4

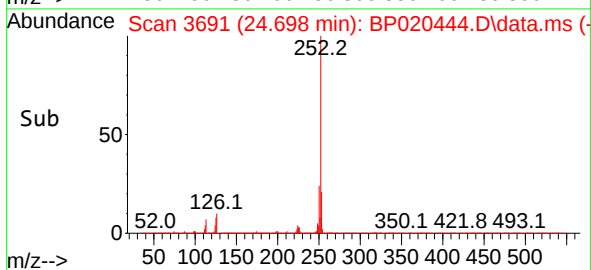
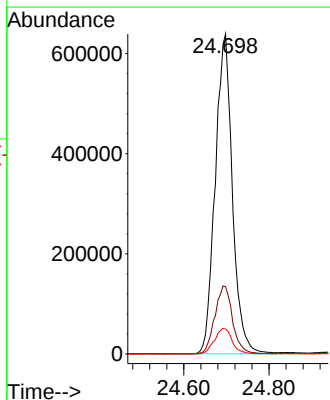
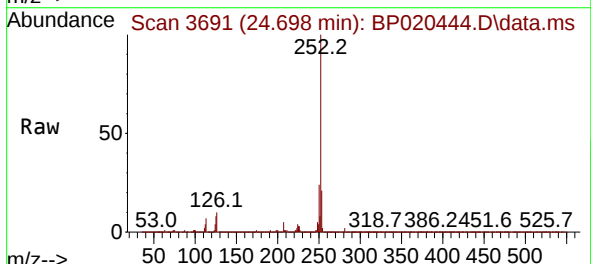
Manual Integrations
APPROVED

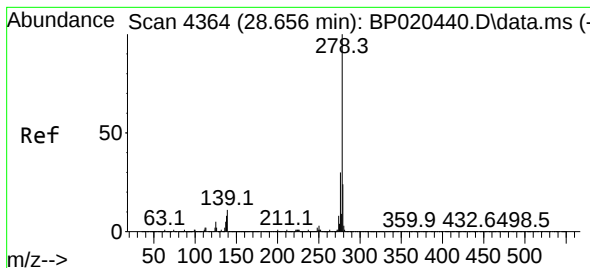
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#90
Benzo(a)pyrene
Concen: 39.888 ng
RT: 24.698 min Scan# 3691
Delta R.T. 0.012 min
Lab File: BP020444.D
Acq: 22 May 2024 20:53

Tgt Ion:252 Resp: 1788698
Ion Ratio Lower Upper
252 100
253 21.0 18.0 27.0
125 7.8 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 37.506 ng

RT: 28.686 min Scan# 4364

Delta R.T. 0.030 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

Instrument :

BNA_P

ClientSampleId :

ICVBP052224

Tgt Ion:278 Resp: 186863

Ion Ratio Lower Upper

278 100

139 12.2 8.9 13.3

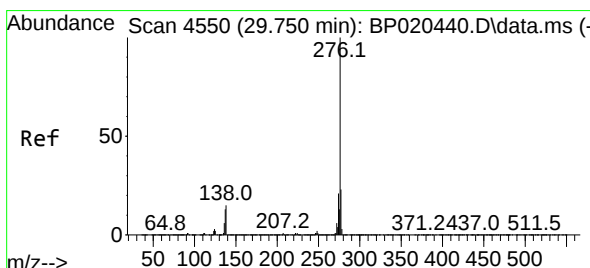
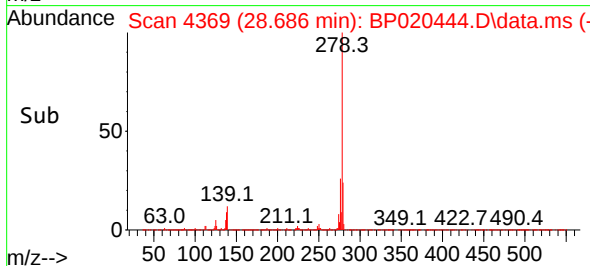
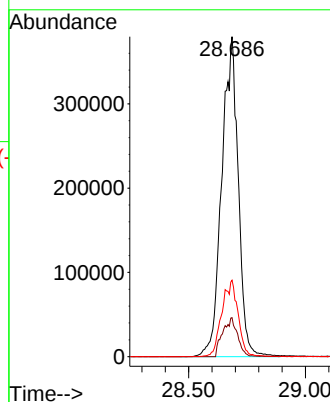
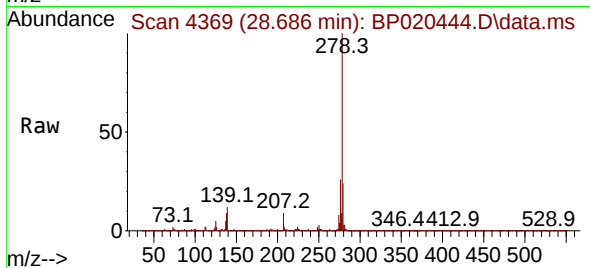
279 23.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#92

Benzo(g,h,i)perylene

Concen: 34.809 ng

RT: 29.751 min Scan# 4550

Delta R.T. 0.000 min

Lab File: BP020444.D

Acq: 22 May 2024 20:53

Tgt Ion:276 Resp: 1778735

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 16.0 11.6 17.4

