

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
 Data File : BP010660.D
 Acq On : 01 Jun 2022 20:05
 Operator : CG/JU
 Sample : N3076-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

RBR-671MSD

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 06/02/2022
 Supervised By : Jagrut Upadhyay 06/02/2022

Quant Time: Jun 02 10:06:38 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat May 28 02:18:04 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	109522	20.000	ng	-0.01
21) Naphthalene-d8	10.658	136	487301	20.000	ng	-0.01
39) Acenaphthene-d10	14.498	164	340074	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	778548	20.000	ng	0.00
76) Chrysene-d12	21.339	240	857291	20.000	ng	0.00
86) Perylene-d12	23.751	264	866429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	994217	165.607	ng	0.00
7) Phenol-d6	7.040	99	1300184	152.552	ng	0.00
23) Nitrobenzene-d5	9.022	82	993919	96.431	ng	0.00
42) 2,4,6-Tribromophenol	15.993	330	697206	181.117	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2189602	91.379	ng	0.00
79) Terphenyl-d14	19.810	244	4441692	97.317	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	99087	38.866	ng	# 41
3) Pyridine	3.770	79	142946	20.021	ng	95
4) n-Nitrosodimethylamine	3.664	42	201275	46.234	ng	89
6) Aniline	7.193	93	195120	19.459	ng	96
8) 2-Chlorophenol	7.428	128	412235	60.839	ng	99
9) Benzaldehyde	6.999	77	147799m	26.352	ng	
10) Phenol	7.064	94	489980	55.594	ng	95
11) bis(2-Chloroethyl)ether	7.281	93	392135	56.137	ng	99
12) 1,3-Dichlorobenzene	7.752	146	395437	50.357	ng	95
13) 1,4-Dichlorobenzene	7.893	146	411976	51.200	ng	97
14) 1,2-Dichlorobenzene	8.211	146	401732	52.154	ng	98
15) Benzyl Alcohol	8.105	79	448441m	65.636	ng	
16) 2,2'-oxybis(1-Chloropr...	8.387	45	633098	48.477	ng	98
17) 2-Methylphenol	8.311	107	365091	61.723	ng	99
18) Hexachloroethane	8.934	117	151883	48.798	ng	99
19) n-Nitroso-di-n-propyla...	8.669	70	356762	57.391	ng	95
20) 3+4-Methylphenols	8.640	107	494656	60.837	ng	96
22) Acetophenone	8.687	105	672234	52.897	ng	# 96
24) Nitrobenzene	9.063	77	517441	49.691	ng	96
25) Isophorone	9.593	82	995323	57.806	ng	98
26) 2-Nitrophenol	9.775	139	232492	57.289	ng	95
27) 2,4-Dimethylphenol	9.840	122	408892	67.788	ng	97
28) bis(2-Chloroethoxy)met...	10.069	93	562547	59.142	ng	98
29) 2,4-Dichlorophenol	10.316	162	424136	58.490	ng	97
30) 1,2,4-Trichlorobenzene	10.528	180	421884	49.459	ng	97
31) Naphthalene	10.710	128	1289095	50.216	ng	100
32) Benzoic acid	10.010	122	262425	52.550	ng	97
33) 4-Chloroaniline	10.828	127	129032	13.011	ng	97
34) Hexachlorobutadiene	10.999	225	260402	45.217	ng	98
35) Caprolactam	11.628	113	131034m	62.602	ng	
36) 4-Chloro-3-methylphenol	11.957	107	517045	62.581	ng	99
37) 2-Methylnaphthalene	12.322	142	949740	53.021	ng	99
38) 1-Methylnaphthalene	12.540	142	915398	52.329	ng	99
40) 1,2,4,5-Tetrachloroben...	12.693	216	519388	49.095	ng	100
41) Hexachlorocyclopentadiene	12.669	237	517415	91.877	ng	100
43) 2,4,6-Trichlorophenol	12.934	196	371904	56.312	ng	99

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Instrument :
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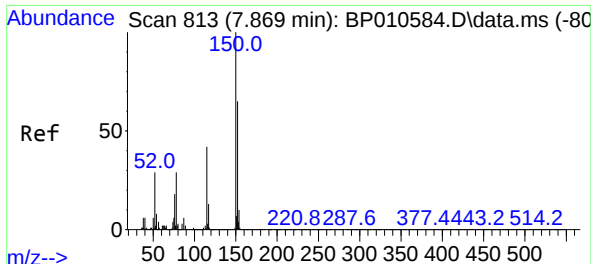
Manual Integrations
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Quant Time: Jun 02 10:06:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

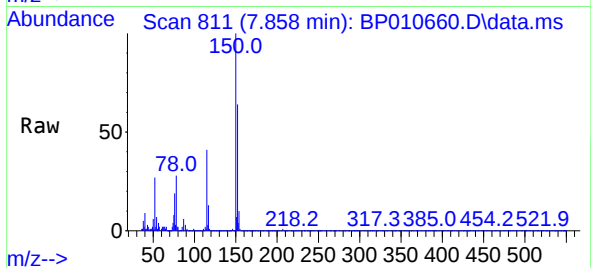
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	405354	54.263	ng	98
46) 1,1'-Biphenyl	13.328	154	1289885	50.852	ng	100
47) 2-Chloronaphthalene	13.369	162	1001746	50.244	ng	99
48) 2-Nitroaniline	13.581	65	397234	57.485	ng	97
49) Acenaphthylene	14.216	152	1687438	55.101	ng	100
50) Dimethylphthalate	13.957	163	1362019	55.640	ng	100
51) 2,6-Dinitrotoluene	14.075	165	309127	59.382	ng	96
52) Acenaphthene	14.563	154	968310	51.501	ng	98
53) 3-Nitroaniline	14.410	138	214424	42.056	ng	99
54) 2,4-Dinitrophenol	14.622	184	382401	115.792	ng	90
55) Dibenzofuran	14.898	168	1596285	53.689	ng	98
56) 4-Nitrophenol	14.734	139	519723	119.313	ng	91
57) 2,4-Dinitrotoluene	14.869	165	437638	64.584	ng	91
58) Fluorene	15.545	166	1335182	54.930	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.128	232	369364	57.680	ng	98
60) Diethylphthalate	15.322	149	1401709	57.522	ng	100
61) 4-Chlorophenyl-phenyle...	15.540	204	680057	55.664	ng	96
62) 4-Nitroaniline	15.575	138	325185	59.396	ng	95
63) Azobenzene	15.834	77	1378961	53.580	ng	97
65) 4,6-Dinitro-2-methylph...	15.634	198	241935	48.844	ng	98
66) n-Nitrosodiphenylamine	15.757	169	1167858	49.818	ng	99
67) 4-Bromophenyl-phenylether	16.440	248	426706	50.381	ng	97
68) Hexachlorobenzene	16.563	284	477055	50.994	ng	93
69) Atrazine	16.716	200	247122	32.501	ng	98
70) Pentachlorophenol	16.910	266	667454	124.287	ng	99
71) Phenanthrene	17.292	178	2209923	51.761	ng	100
72) Anthracene	17.387	178	2217988	54.252	ng	99
73) Carbazole	17.657	167	2146393	61.773	ng	100
74) Di-n-butylphthalate	18.210	149	2593750	58.718	ng	99
75) Fluoranthene	19.263	202	2755044	59.410	ng	98
77) Benzidine	19.439	184	203200	12.339	ng	99
78) Pyrene	19.616	202	2892172	48.409	ng	99
80) Butylbenzylphthalate	20.486	149	1277877	54.308	ng	94
81) Benzo(a)anthracene	21.328	228	2992437	53.201	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	712235	46.171	ng	98
83) Chrysene	21.380	228	2794680	50.655	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	1861473	56.123	ng	99
85) Di-n-octyl phthalate	22.175	149	3317308	60.016	ng	98
87) Indeno(1,2,3-cd)pyrene	26.274	276	2929976	46.388	ng	100
88) Benzo(b)fluoranthene	23.022	252	3175824	58.217	ng	100
89) Benzo(k)fluoranthene	23.069	252	2961840	53.561	ng	100
90) Benzo(a)pyrene	23.651	252	2859269	63.365	ng	99
91) Dibenzo(a,h)anthracene	26.286	278	2649472	50.152	ng	99
92) Benzo(g,h,i)perylene	27.045	276	2457869	46.798	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

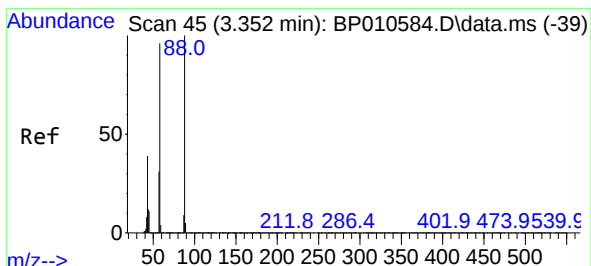
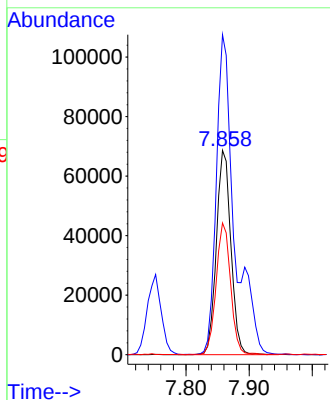
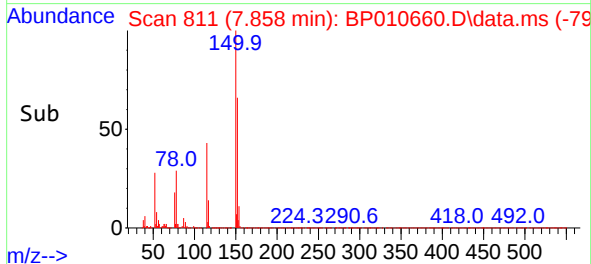
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



Tgt Ion:152 Resp: 10952
Ion Ratio Lower Upper
152 100
150 156.6 123.4 185.2
115 64.5 51.3 76.9

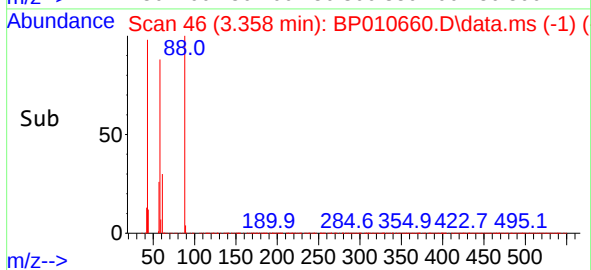
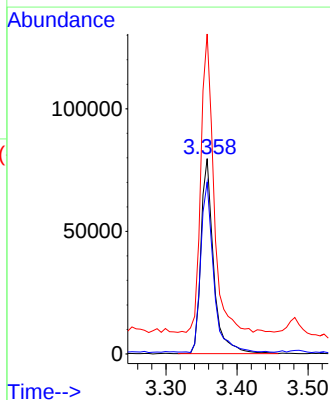
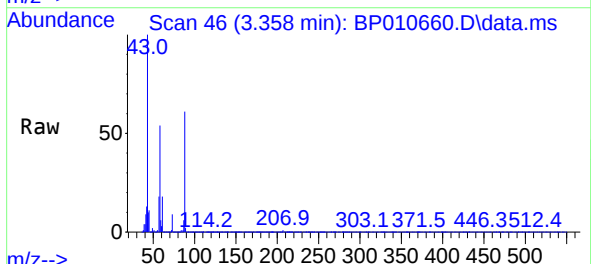
Manual Integrations
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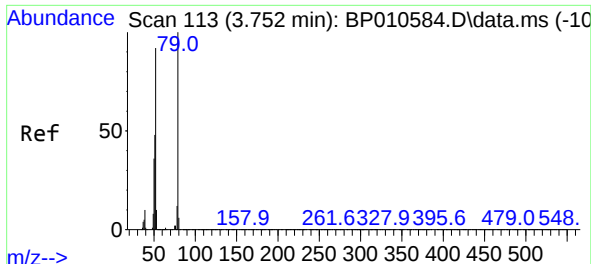
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#2
1,4-Dioxane
Concen: 38.866 ng
RT: 3.358 min Scan# 46
Delta R.T. 0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion: 88 Resp: 99087
Ion Ratio Lower Upper
88 100
58 88.3 74.5 111.7
43 154.8 31.5 47.3#





#3
Pyridine
Concen: 20.021 ng
RT: 3.770 min Scan# 113
Delta R.T. 0.018 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

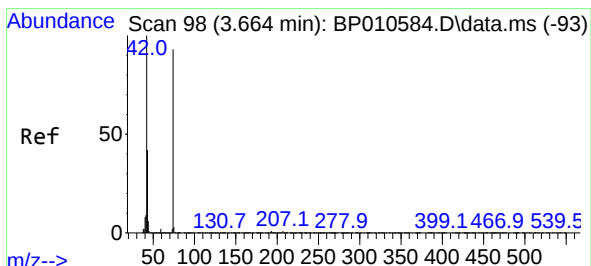
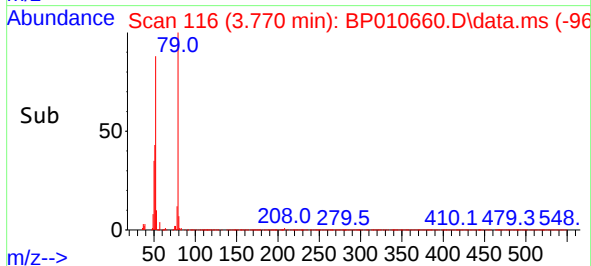
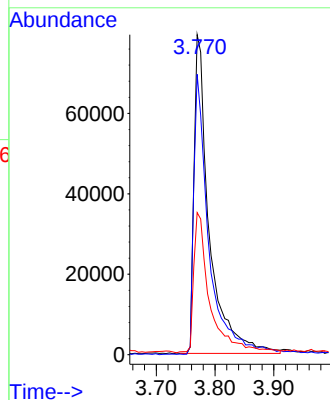
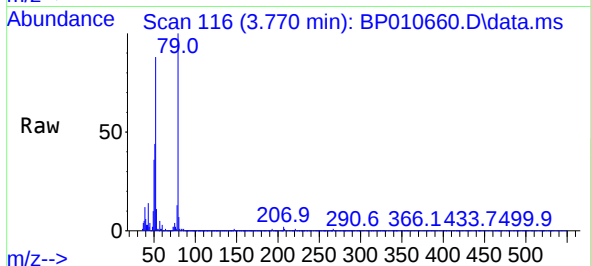
RBR-671MSD

Tgt Ion: 79 Resp: 142940
Ion Ratio Lower Upper
79 100
52 87.6 73.5 110.3
51 44.4 38.6 57.8

Manual Integrations

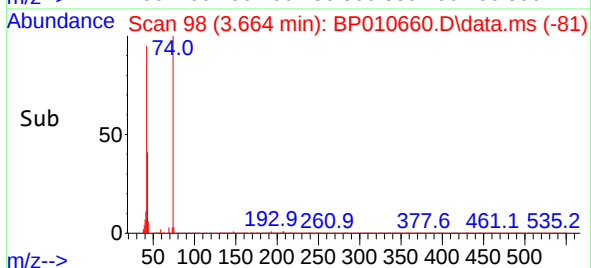
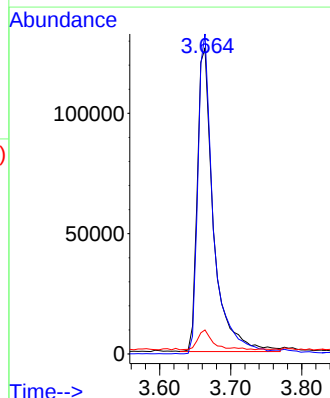
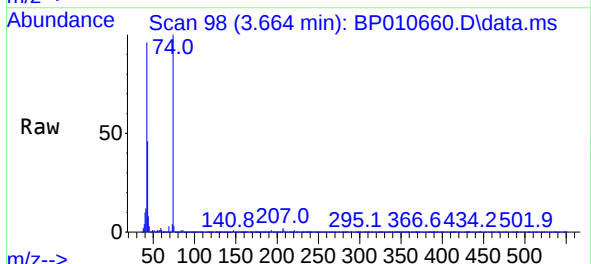
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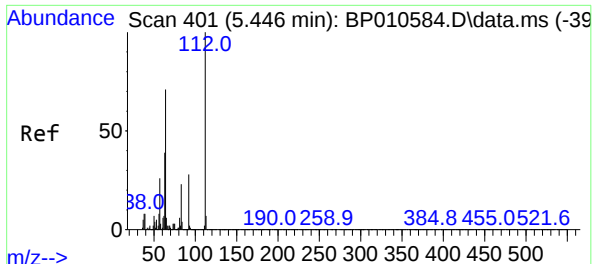
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#4
n-Nitrosodimethylamine
Concen: 46.234 ng
RT: 3.664 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion: 42 Resp: 201275
Ion Ratio Lower Upper
42 100
74 104.6 74.4 111.6
44 7.9 5.7 8.5





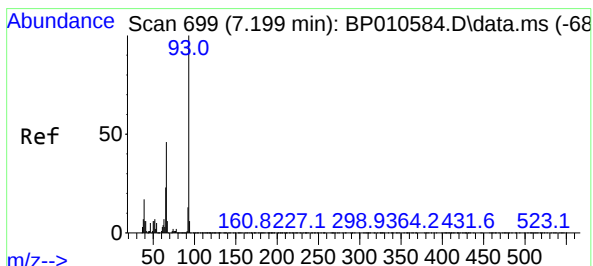
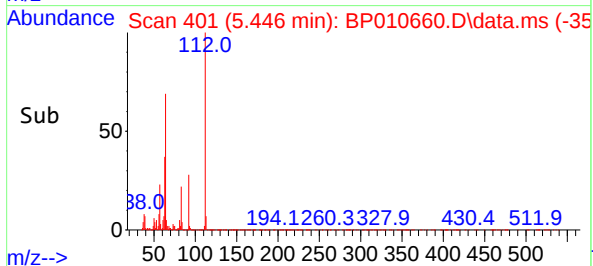
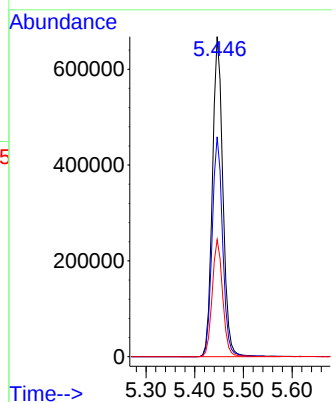
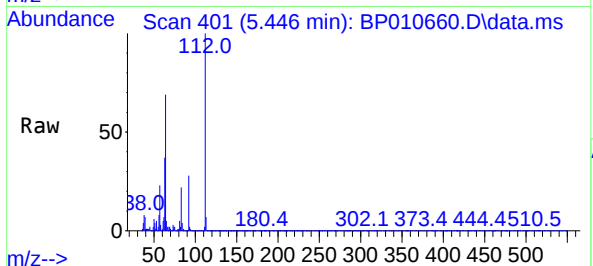
#5
2-Fluorophenol
Concen: 165.607 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :
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ClientSampleId :
RBR-671MSD

Tgt Ion:112 Resp: 99421
Ion Ratio Lower Upper
112 100
64 68.7 56.9 85.3
63 36.6 31.2 46.8

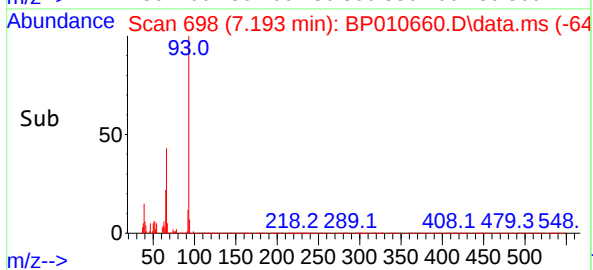
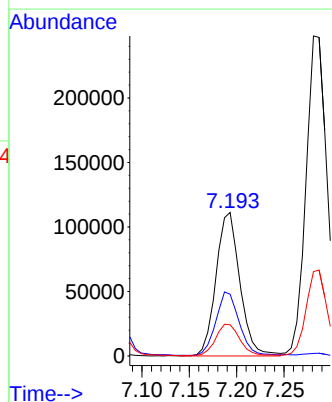
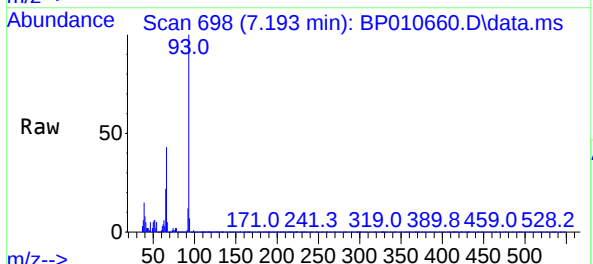
Manual Integrations
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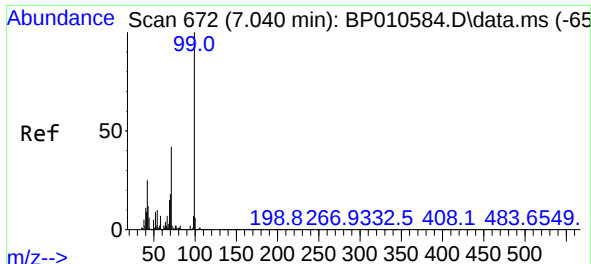
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#6
Aniline
Concen: 19.459 ng
RT: 7.193 min Scan# 698
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

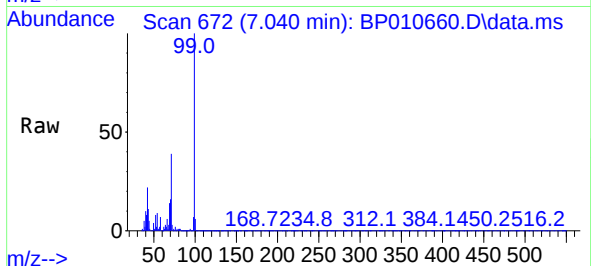
Tgt Ion: 93 Resp: 195120
Ion Ratio Lower Upper
93 100
66 43.0 36.7 55.1
65 21.7 18.2 27.4





#7
Phenol-d6
Concen: 152.552 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

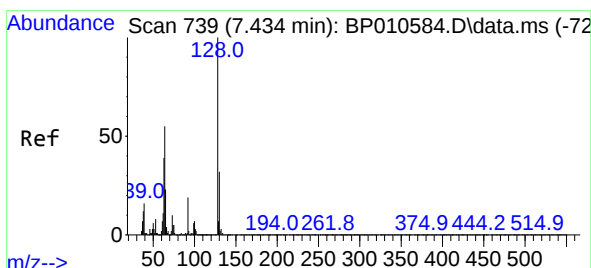
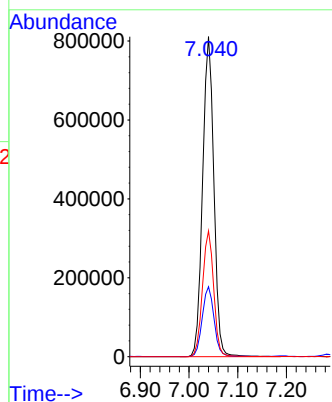
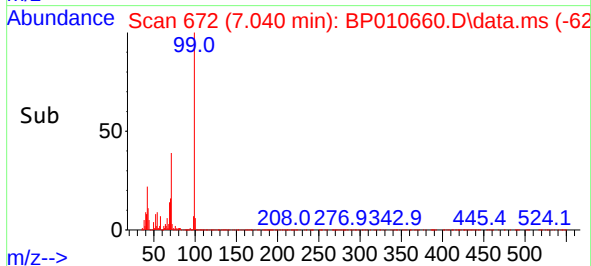
Instrument :
BNA_P
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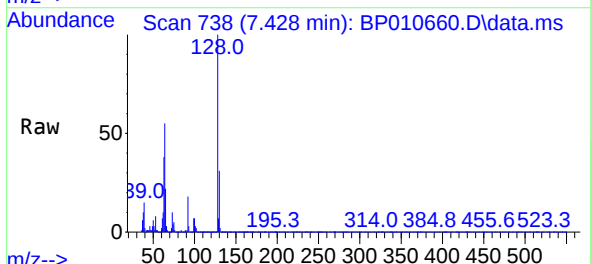
Tgt Ion: 99 Resp: 1300184
Ion Ratio Lower Upper
99 100
42 21.9 20.3 30.5
71 39.3 33.9 50.9

Manual Integrations
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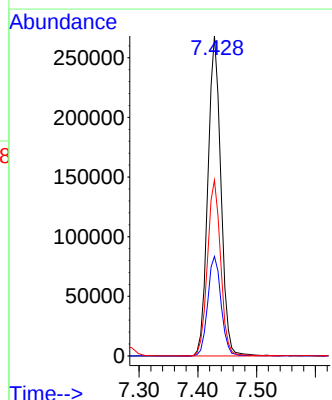
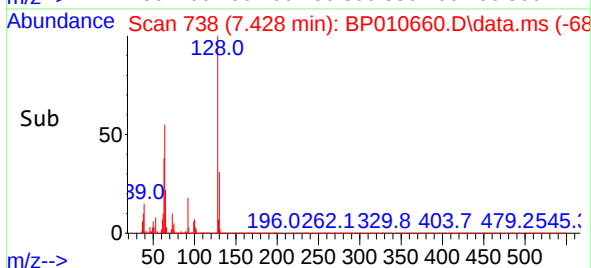
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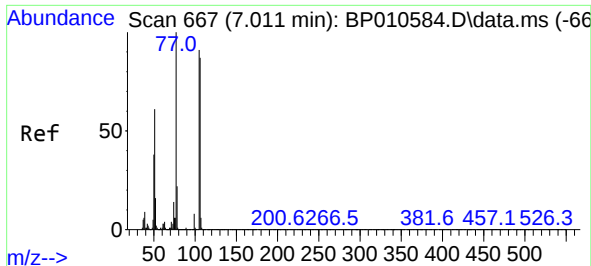


#8
2-Chlorophenol
Concen: 60.839 ng
RT: 7.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05



Tgt Ion:128 Resp: 412235
Ion Ratio Lower Upper
128 100
130 31.1 11.8 51.8
64 55.0 35.3 75.3





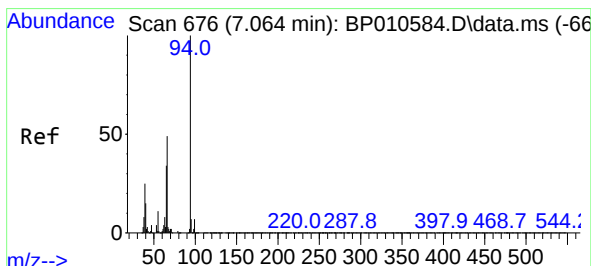
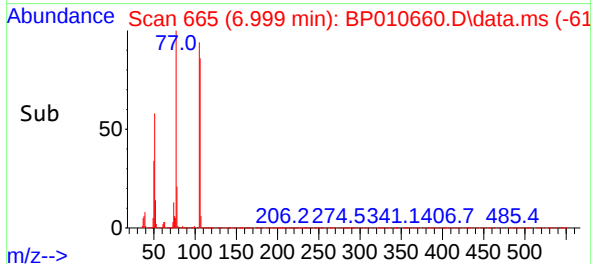
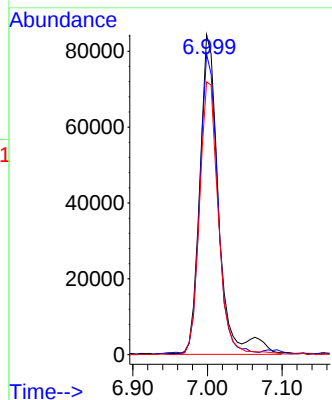
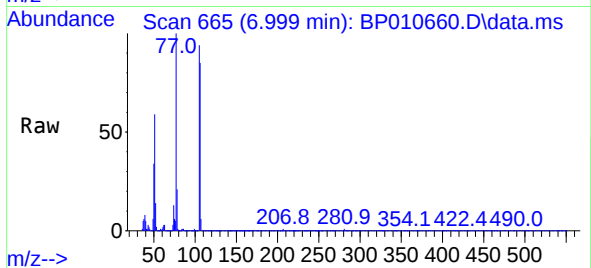
#9
Benzaldehyde
Concen: 26.352 ng m
RT: 6.999 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :
BNA_P
ClientSampleId :
RBR-671MSD

Tgt Ion: 77 Resp: 147799
Ion Ratio Lower Upper
77 100
105 93.9 71.4 111.4
106 85.2 66.9 106.9

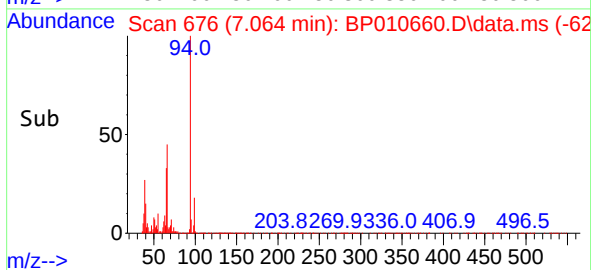
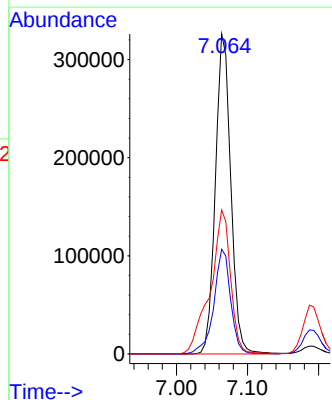
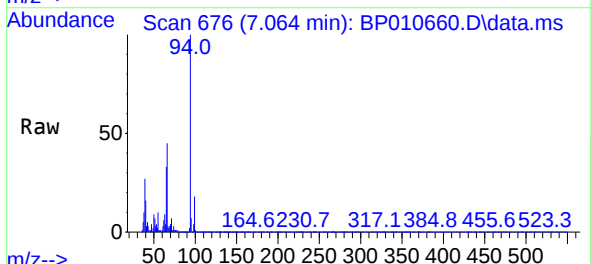
Manual Integrations
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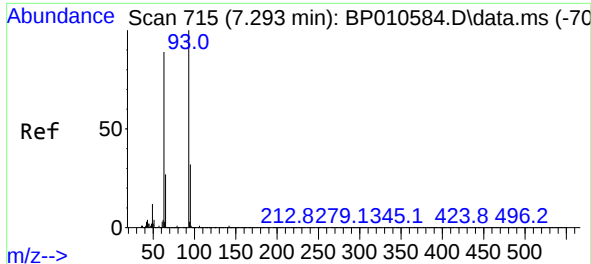
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#10
Phenol
Concen: 55.594 ng
RT: 7.064 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion: 94 Resp: 489980
Ion Ratio Lower Upper
94 100
65 32.7 14.0 54.0
66 45.0 29.2 69.2





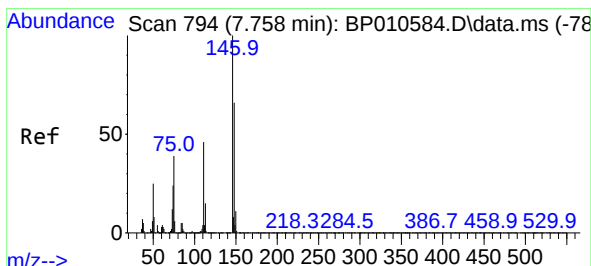
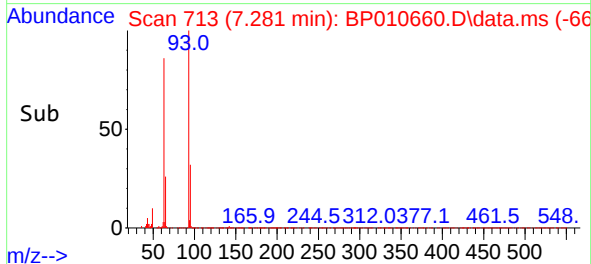
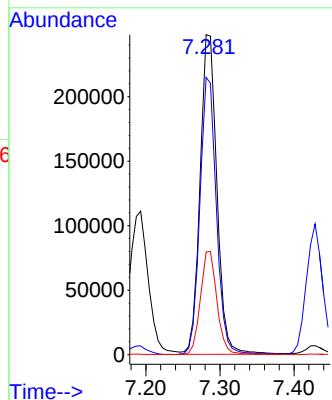
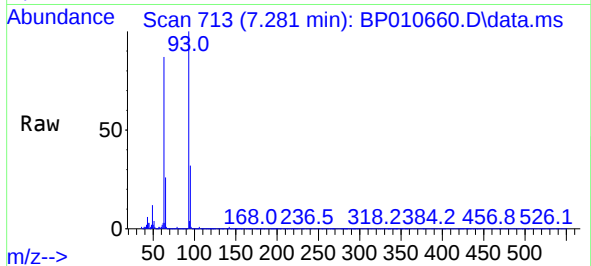
#11
bis(2-Chloroethyl)ether
Concen: 56.137 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.012 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :
BNA_P
ClientSampleId :
RBR-671MSD

Tgt Ion: 93 Resp: 392135
Ion Ratio Lower Upper
93 100
63 86.7 68.2 108.2
95 32.1 12.2 52.2

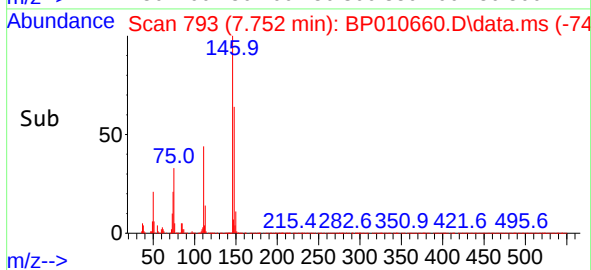
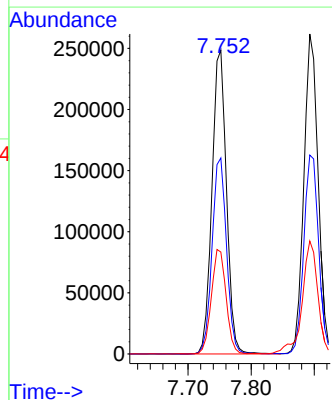
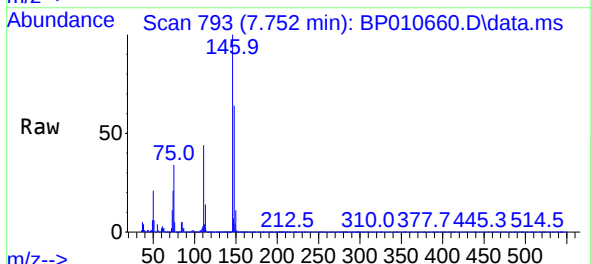
Manual Integrations
APPROVED

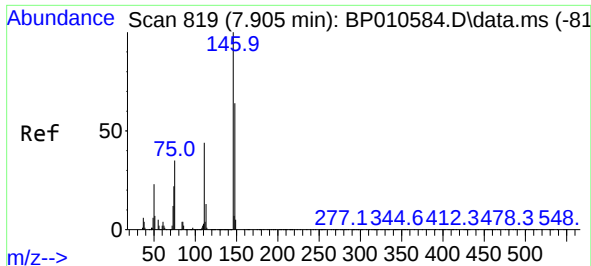
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#12
1,3-Dichlorobenzene
Concen: 50.357 ng
RT: 7.752 min Scan# 793
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

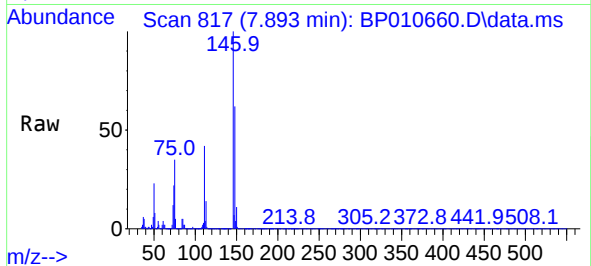
Tgt Ion:146 Resp: 395437
Ion Ratio Lower Upper
146 100
148 64.5 53.0 79.4
75 33.5 31.3 46.9





#13
1,4-Dichlorobenzene
Concen: 51.200 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

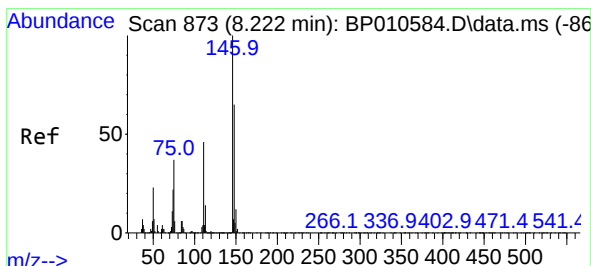
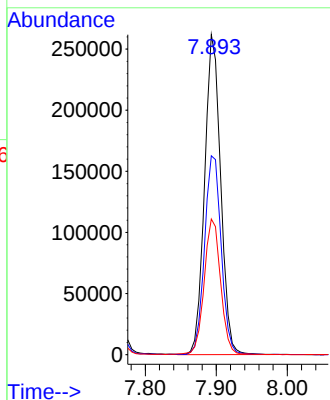
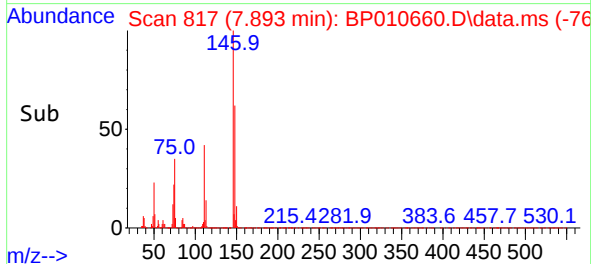
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



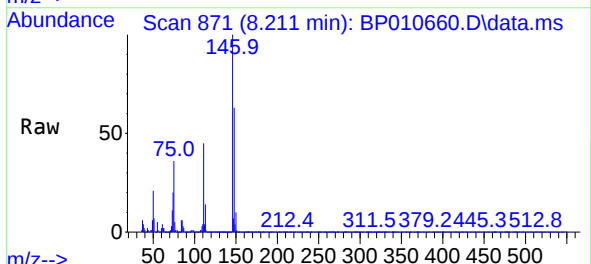
Tgt Ion:146 Resp: 411970
Ion Ratio Lower Upper
146 100
148 62.1 51.6 77.4
111 42.4 35.2 52.8

Manual Integrations
APPROVED

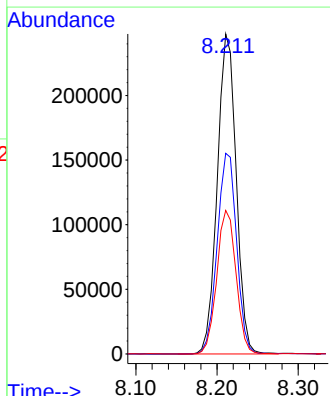
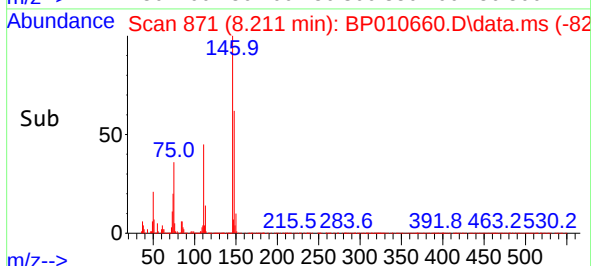
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022

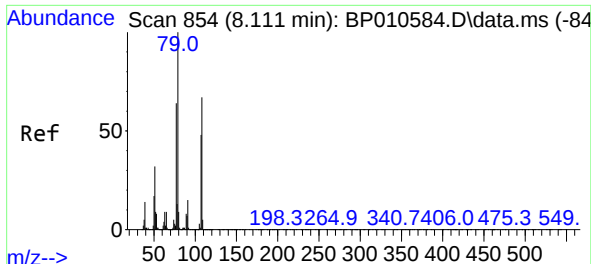


#14
1,2-Dichlorobenzene
Concen: 52.154 ng
RT: 8.211 min Scan# 871
Delta R.T. -0.012 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05



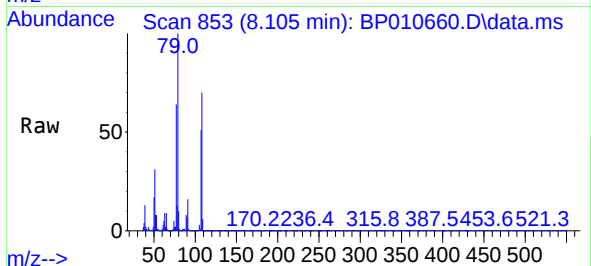
Tgt Ion:146 Resp: 401732
Ion Ratio Lower Upper
146 100
148 62.7 52.2 78.2
111 44.8 36.6 55.0





#15
Benzyl Alcohol
Concen: 65.636 ng m
RT: 8.105 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

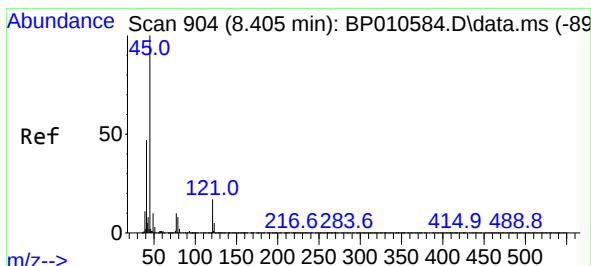
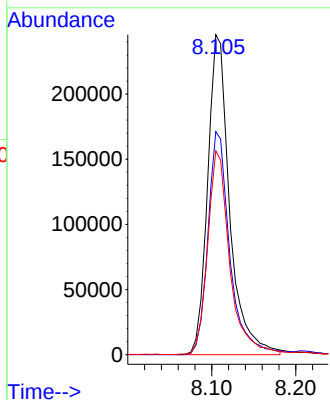
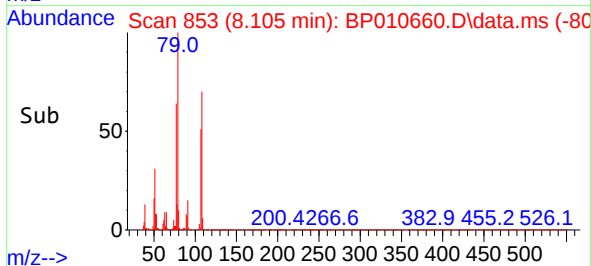
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



Tgt Ion: 79 Resp: 44844
Ion Ratio Lower Upper
79 100
108 69.7 53.4 80.0
77 63.7 51.5 77.3

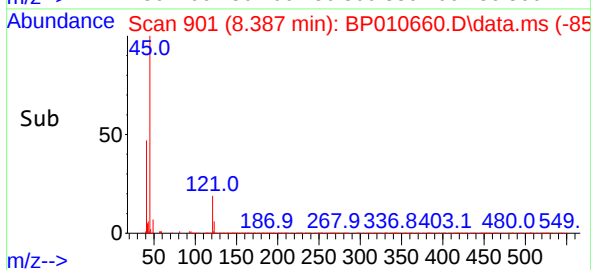
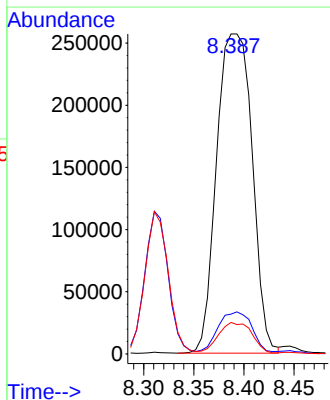
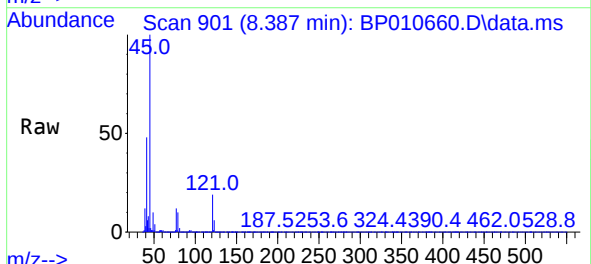
Manual Integrations
APPROVED

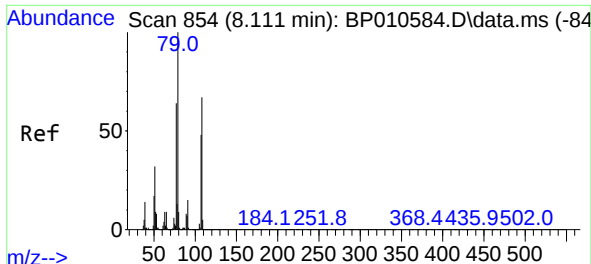
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.477 ng
RT: 8.387 min Scan# 901
Delta R.T. -0.018 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

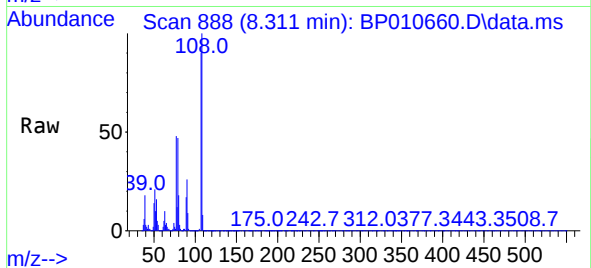
Tgt Ion: 45 Resp: 633098
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.8
79 9.9 0.0 28.8





#17
2-Methylphenol
Concen: 61.723 ng
RT: 8.311 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :
BNA_P
ClientSampleId :
RBR-671MSD

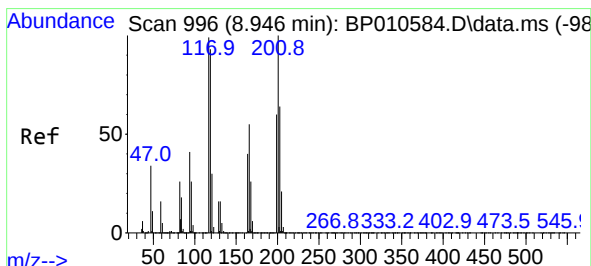
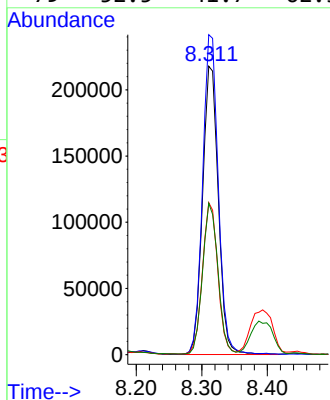
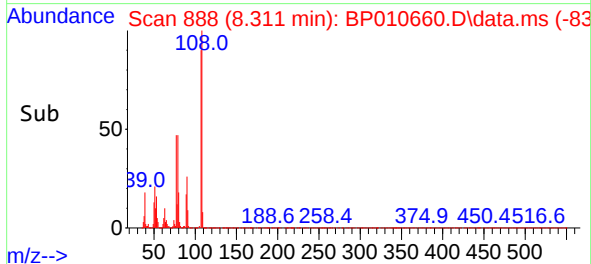


Tgt Ion:107 Resp: 36509

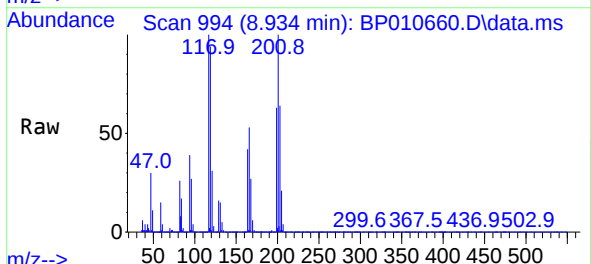
Ion	Ratio	Lower	Upper
107	100		
108	110.9	88.9	133.3
77	52.7	44.7	67.1
79	52.5	41.7	62.5

Manual Integrations
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Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022

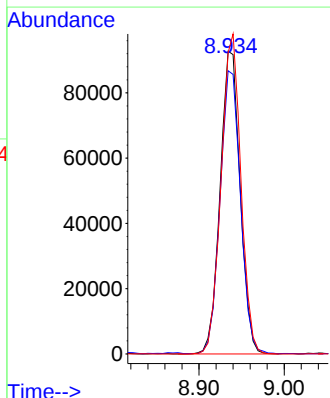
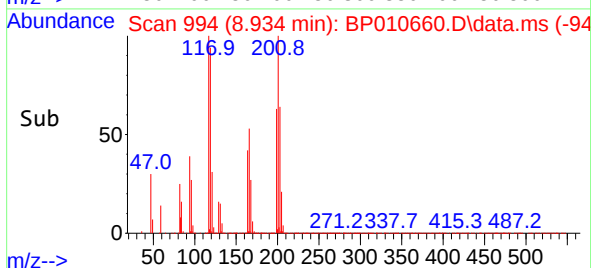


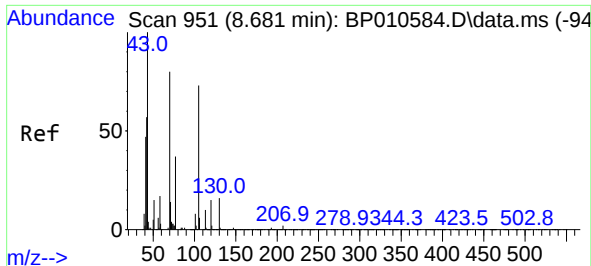
#18
Hexachloroethane
Concen: 48.798 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05



Tgt Ion:117 Resp: 151883

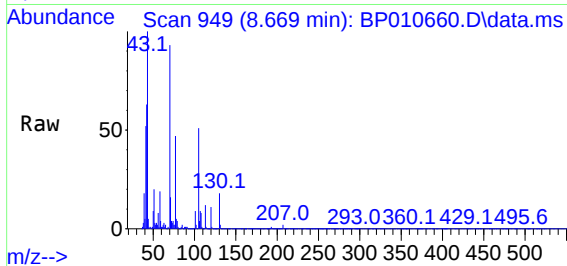
Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.6	113.4
201	99.5	80.9	121.3





#19
n-Nitroso-di-n-propylamine
Concen: 57.391 ng
RT: 8.669 min Scan# 94
Delta R.T. -0.012 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

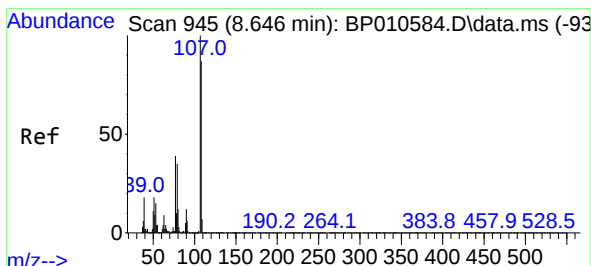
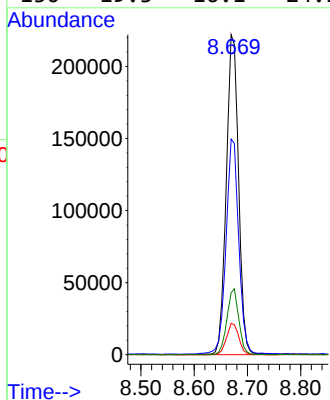
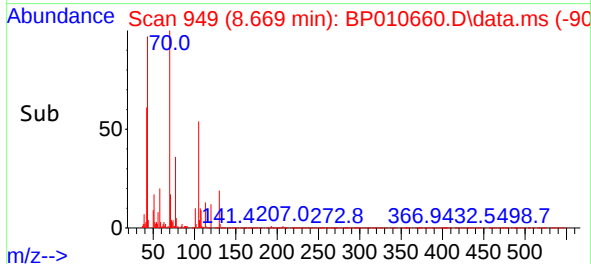
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



Tgt Ion: 70 Resp: 356762
Ion Ratio Lower Upper
70 100
42 67.4 58.1 87.1
101 9.8 8.4 12.6
130 19.3 16.1 24.1

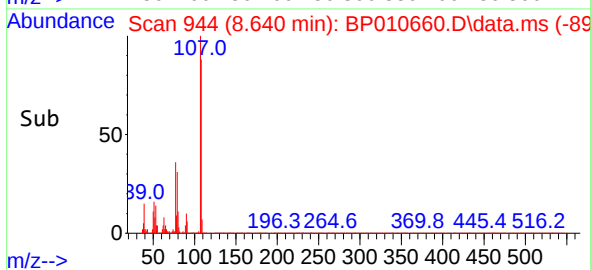
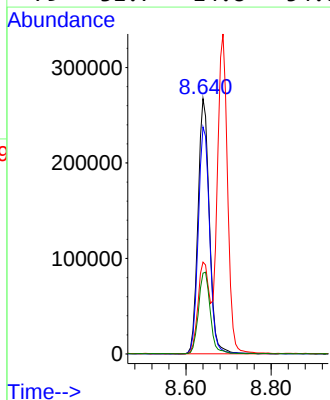
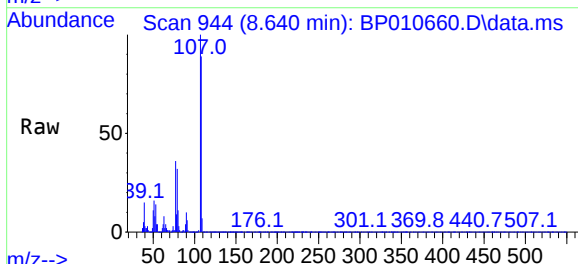
Manual Integrations
APPROVED

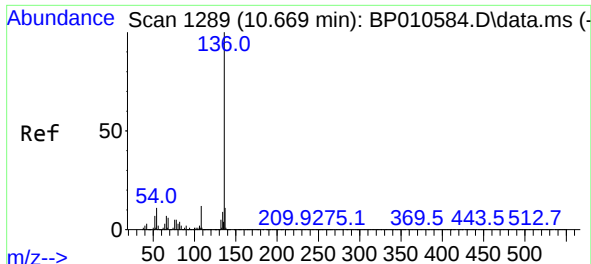
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#20
3+4-Methylphenols
Concen: 60.837 ng
RT: 8.640 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:107 Resp: 494656
Ion Ratio Lower Upper
107 100
108 88.9 67.1 107.1
77 36.0 19.2 59.2
79 31.7 14.8 54.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.658 min Scan# 1287
Delta R.T. -0.011 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

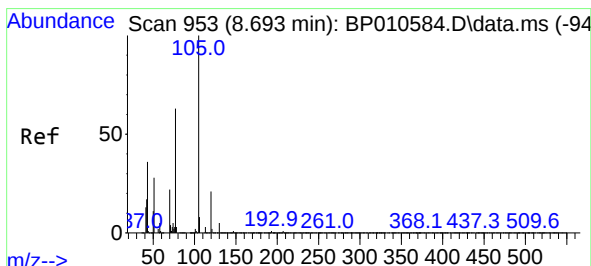
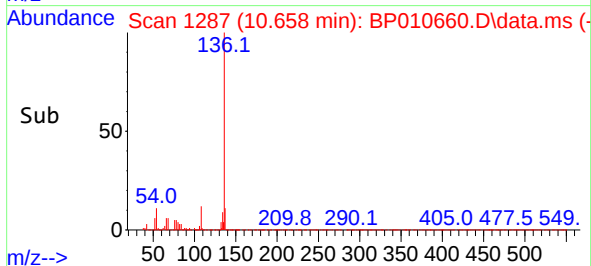
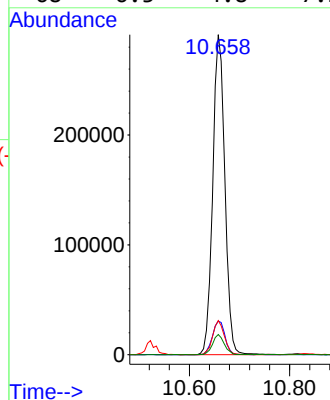
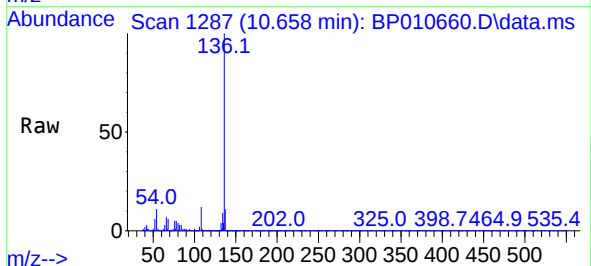
RBR-671MSD

Tgt Ion:136 Resp: 48730
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 10.6 8.7 13.1
68 6.3 4.8 7.2

Manual Integrations

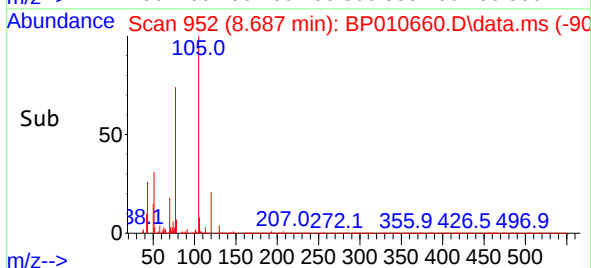
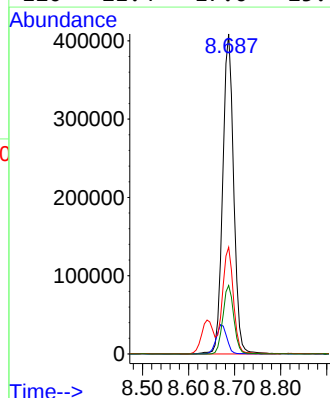
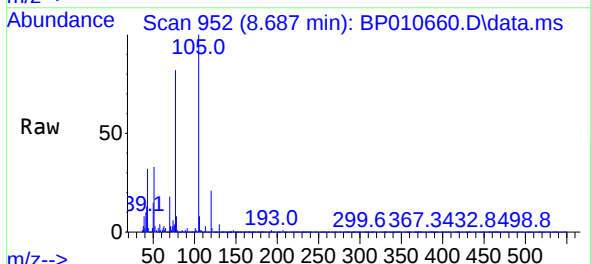
APPROVED

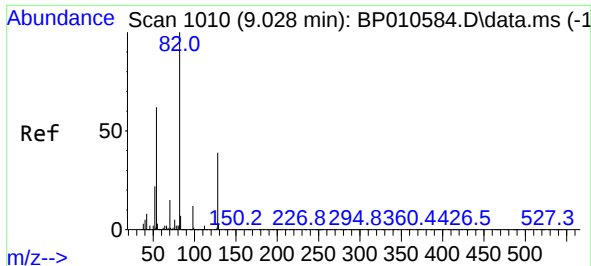
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#22
Acetophenone
Concen: 52.897 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

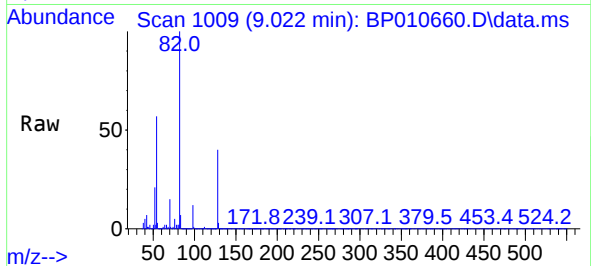
Tgt Ion:105 Resp: 672234
Ion Ratio Lower Upper
105 100
71 3.3 3.4 5.0#
51 33.4 29.5 44.3
120 21.4 17.0 25.4





#23
Nitrobenzene-d5
Concen: 96.431 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

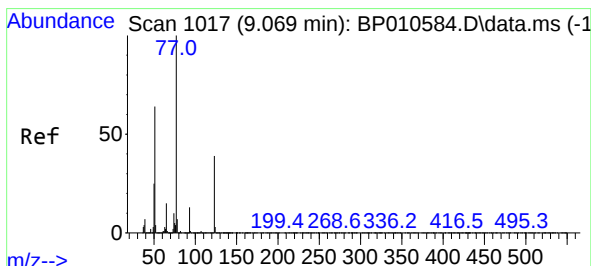
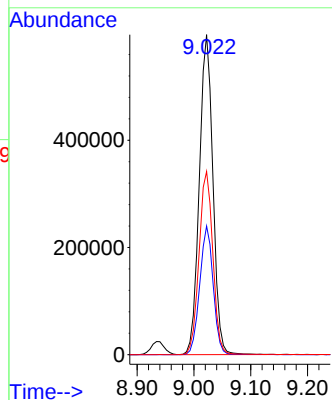
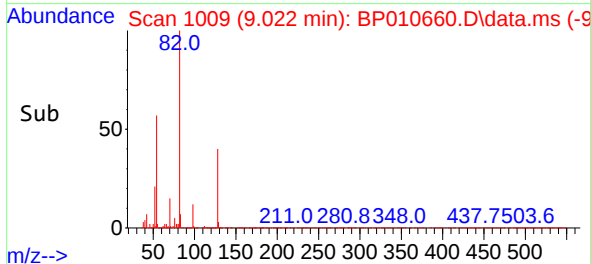
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



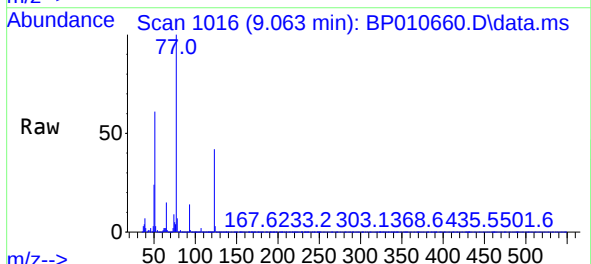
Tgt Ion: 82 Resp: 993919
Ion Ratio Lower Upper
82 100
128 40.2 31.3 46.9
54 57.3 49.8 74.8

Manual Integrations
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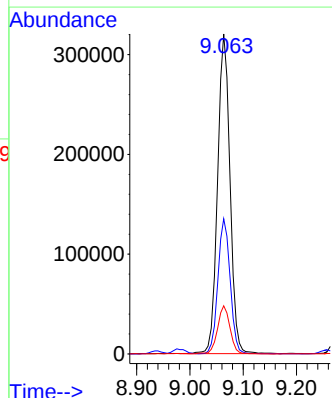
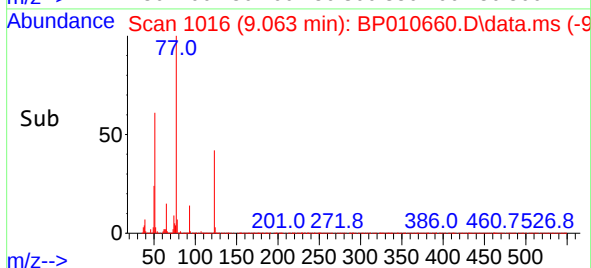
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022

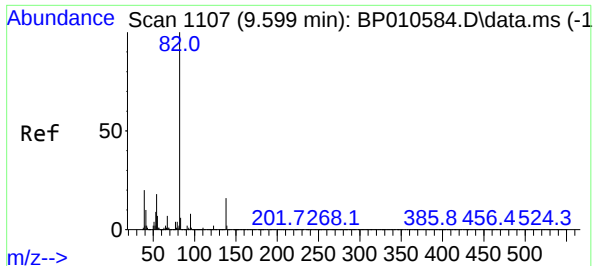


#24
Nitrobenzene
Concen: 49.691 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05



Tgt Ion: 77 Resp: 517441
Ion Ratio Lower Upper
77 100
123 42.2 31.1 46.7
65 15.1 12.1 18.1





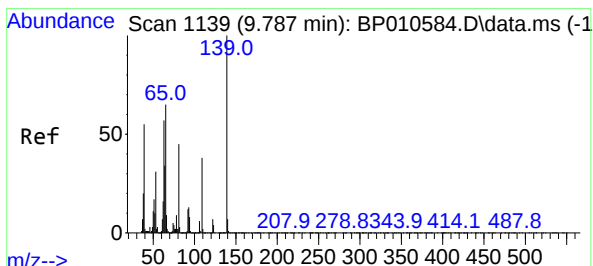
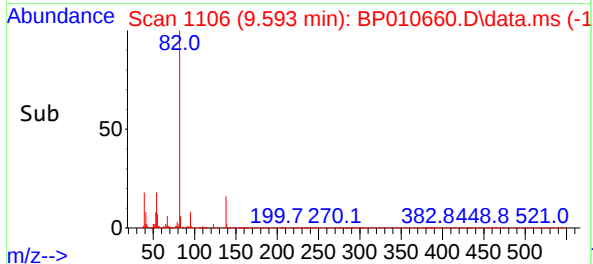
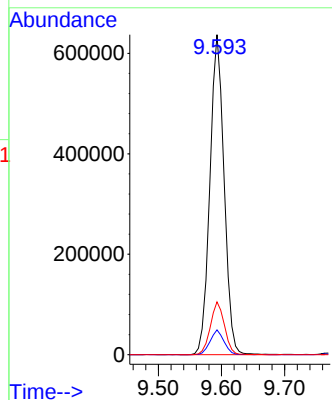
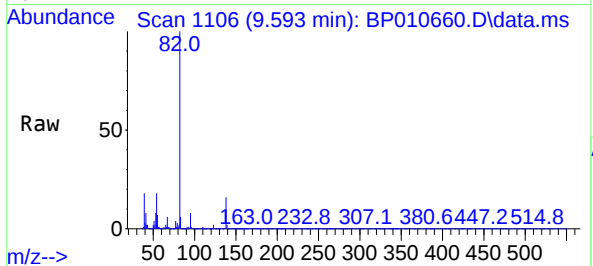
#25
Isophorone
Concen: 57.806 ng
RT: 9.593 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :
BNA_P
ClientSampleId :
RBR-671MSD

Tgt Ion: 82 Resp: 99532
Ion Ratio Lower Upper
82 100
95 7.8 6.5 9.7
138 16.5 12.4 18.6

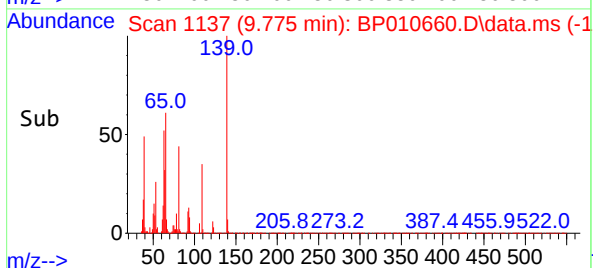
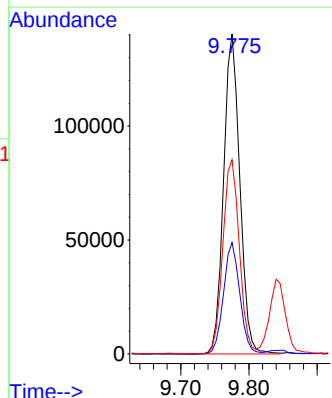
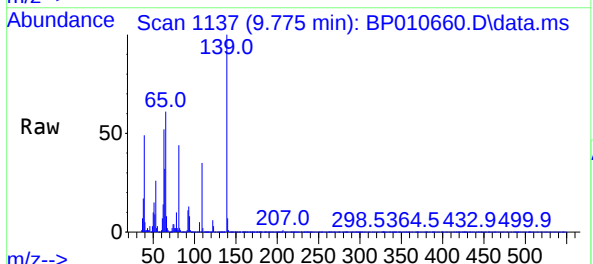
Manual Integrations
APPROVED

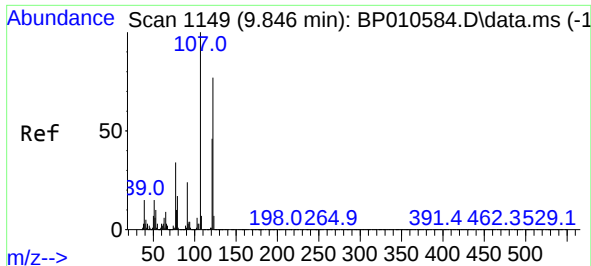
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#26
2-Nitrophenol
Concen: 57.289 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:139 Resp: 232492
Ion Ratio Lower Upper
139 100
109 34.8 30.2 45.4
65 60.7 52.2 78.2





#27

2,4-Dimethylphenol

Concen: 67.788 ng

RT: 9.840 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BP010660.D

Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

RBR-671MSD

Tgt Ion:122 Resp: 408892

Ion Ratio Lower Upper

122 100

107 125.3 103.5 155.3

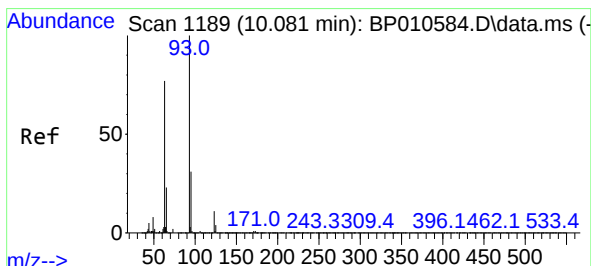
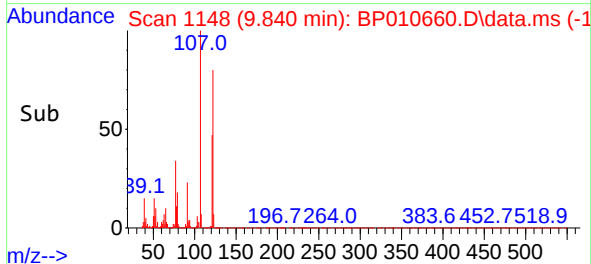
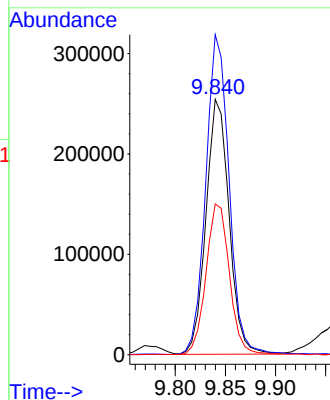
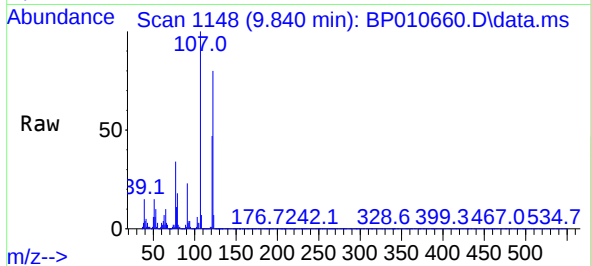
121 59.0 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/02/2022

Supervised By :Jagrut Upadhyay 06/02/2022



#28

bis(2-Chloroethoxy)methane

Concen: 59.142 ng

RT: 10.069 min Scan# 1187

Delta R.T. -0.012 min

Lab File: BP010660.D

Acq: 01 Jun 2022 20:05

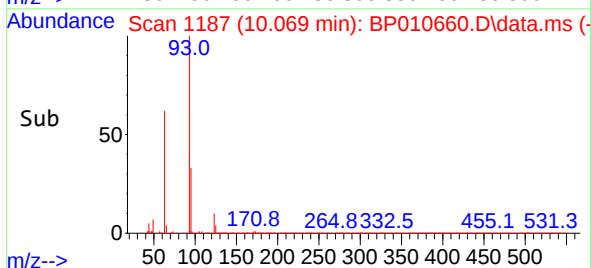
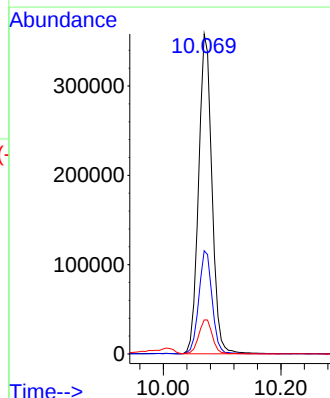
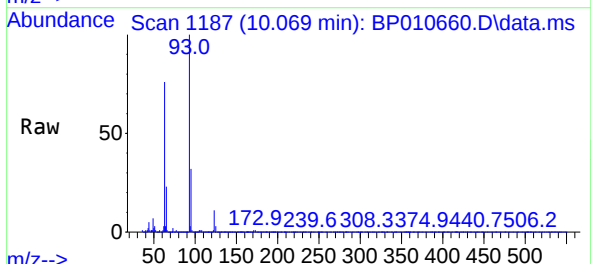
Tgt Ion: 93 Resp: 562547

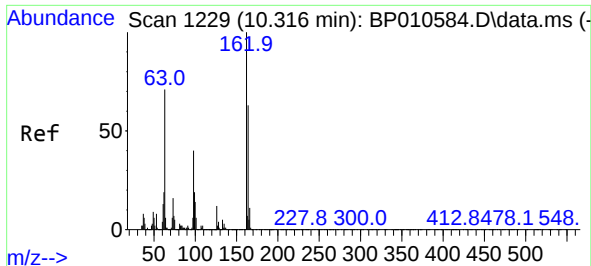
Ion Ratio Lower Upper

93 100

95 32.3 25.0 37.6

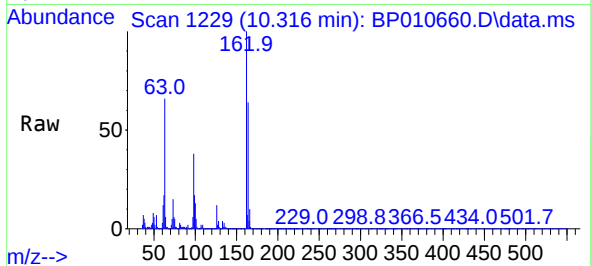
123 10.7 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 58.490 ng
RT: 10.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

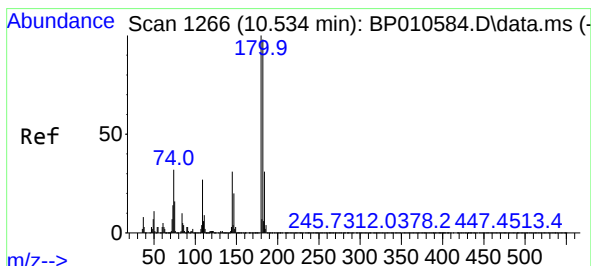
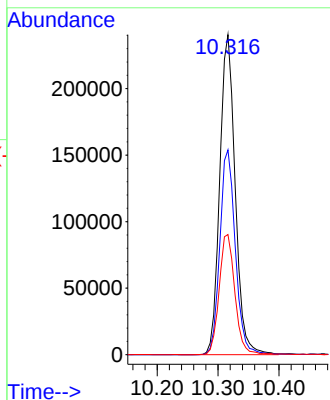
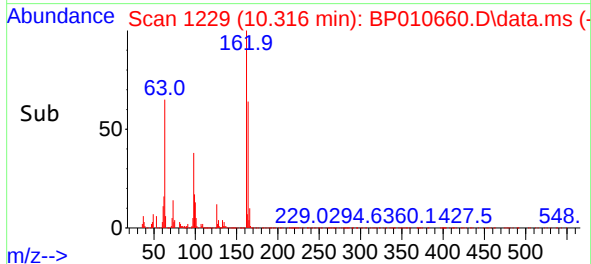
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



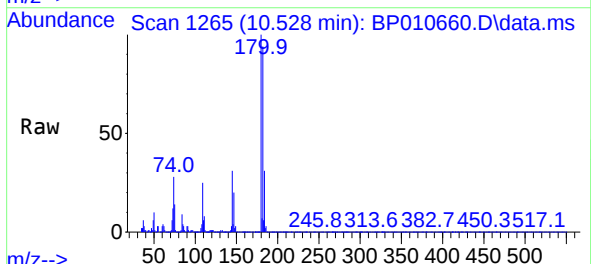
Tgt Ion:162 Resp: 424130
Ion Ratio Lower Upper
162 100
164 64.0 43.0 83.0
98 37.5 20.4 60.4

Manual Integrations
APPROVED

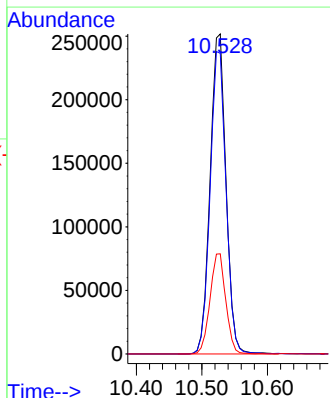
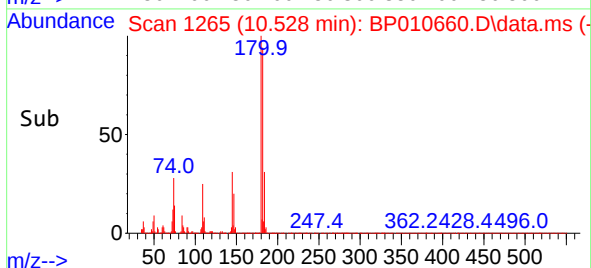
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022

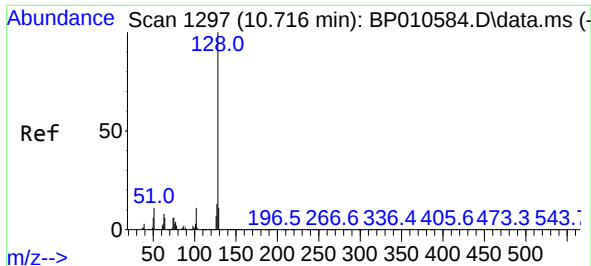


#30
1,2,4-Trichlorobenzene
Concen: 49.459 ng
RT: 10.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05



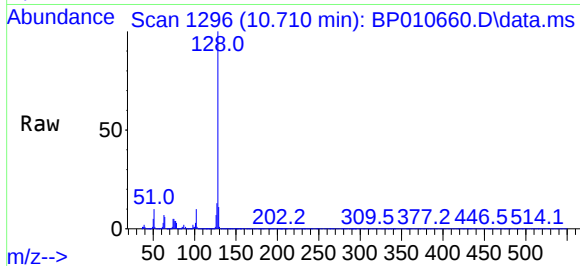
Tgt Ion:180 Resp: 421884
Ion Ratio Lower Upper
180 100
182 93.9 78.0 117.0
145 31.3 24.6 36.8





#31
Naphthalene
Concen: 50.216 ng
RT: 10.710 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

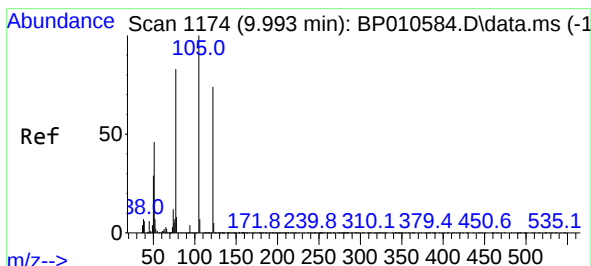
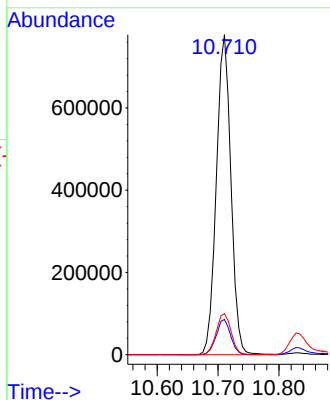
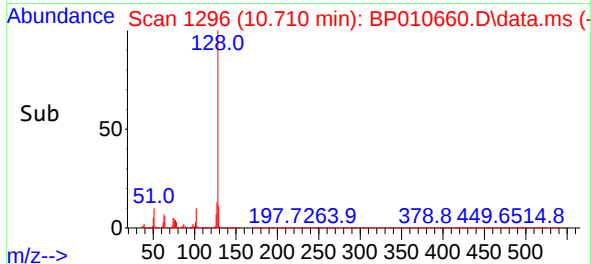
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



Tgt Ion:128 Resp: 128909
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.8 10.3 15.5

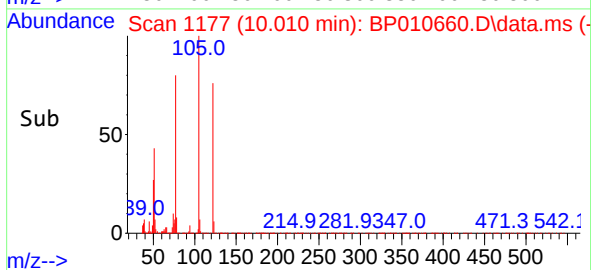
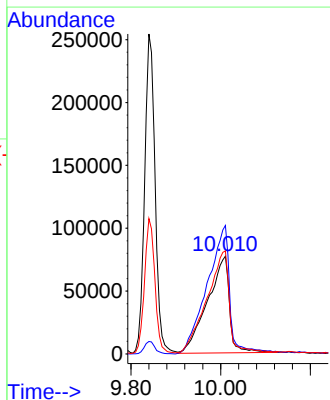
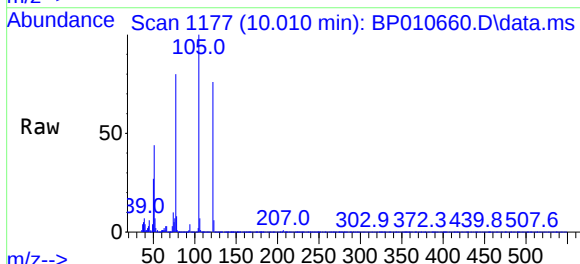
Manual Integrations
APPROVED

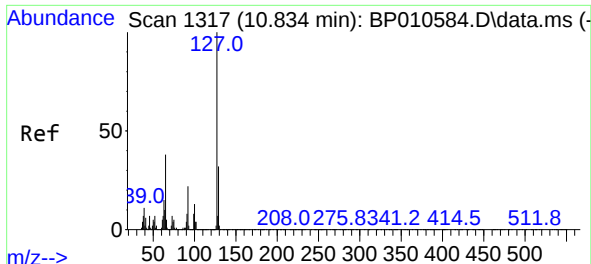
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#32
Benzoic acid
Concen: 52.550 ng
RT: 10.010 min Scan# 1177
Delta R.T. 0.017 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:122 Resp: 262425
Ion Ratio Lower Upper
122 100
105 131.4 112.6 152.6
77 105.3 90.2 130.2





#33
4-Chloroaniline
Concen: 13.011 ng
RT: 10.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

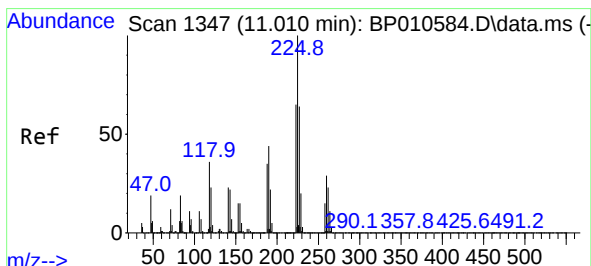
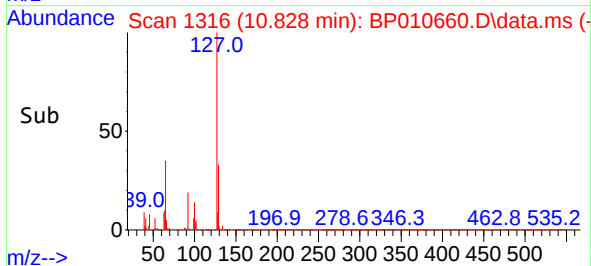
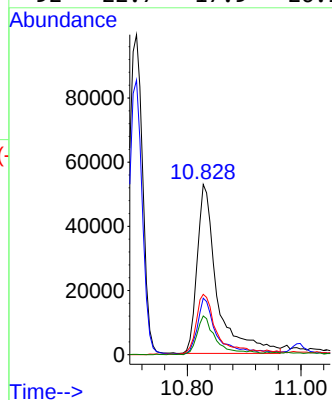
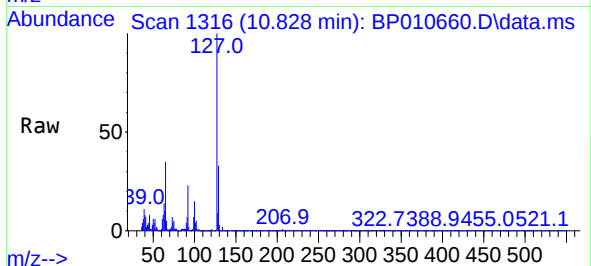
RBR-671MSD

Tgt Ion:	127	Resp:	12903
Ion Ratio	Lower	Upper	
127	100		
129	33.2	25.4	38.2
65	35.4	30.4	45.6
92	22.7	17.9	26.9

Manual Integrations

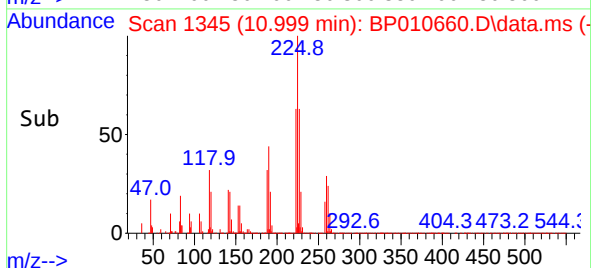
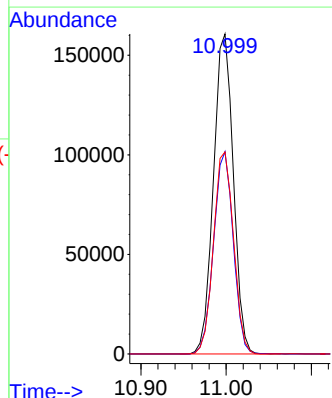
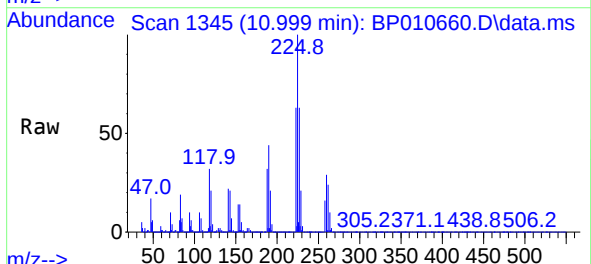
APPROVED

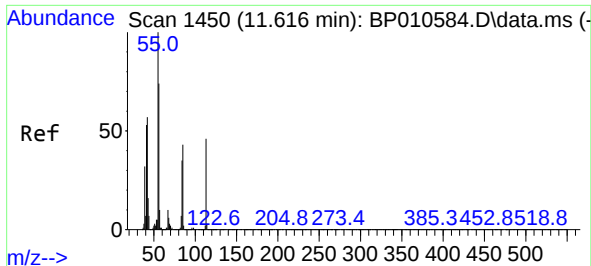
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#34
Hexachlorobutadiene
Concen: 45.217 ng
RT: 10.999 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

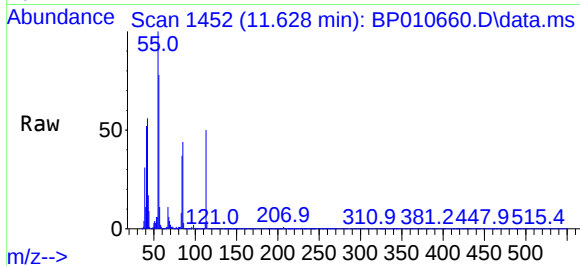
Tgt Ion:	225	Resp:	260402
Ion Ratio	Lower	Upper	
225	100		
223	63.2	52.2	78.4
227	63.2	50.8	76.2





#35
Caprolactam
Concen: 62.602 ng m
RT: 11.628 min Scan# 1450
Delta R.T. 0.012 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

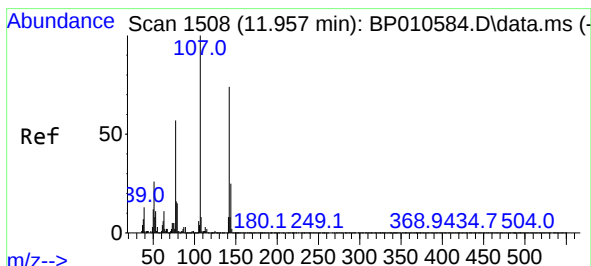
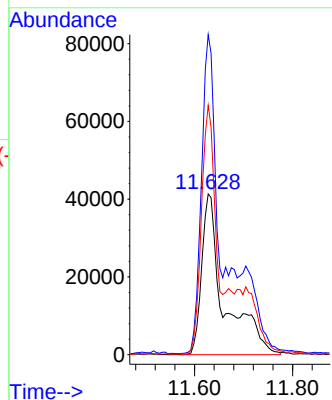
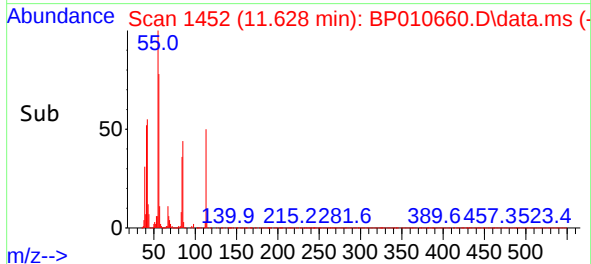
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



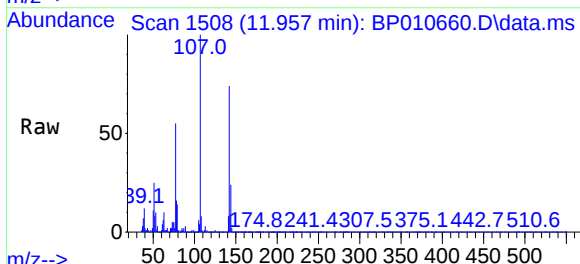
Tgt Ion:113 Resp: 131034
Ion Ratio Lower Upper
113 100
55 199.0 198.6 238.6
56 155.0 142.7 182.7

Manual Integrations
APPROVED

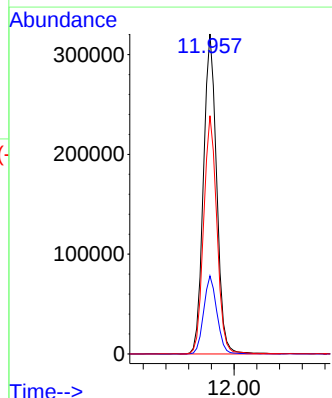
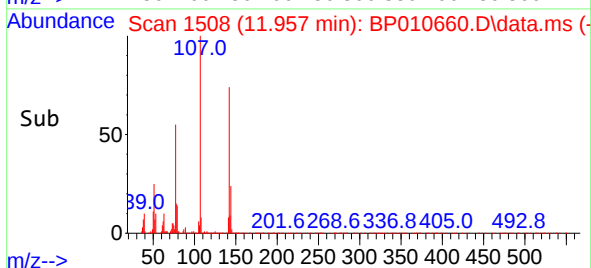
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022

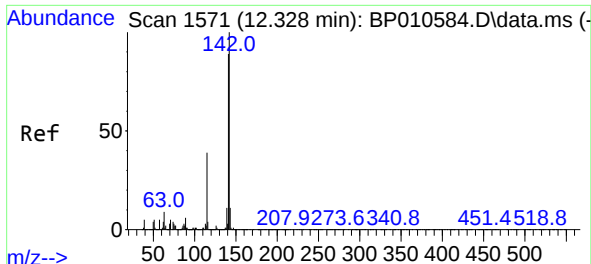


#36
4-Chloro-3-methylphenol
Concen: 62.581 ng
RT: 11.957 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05



Tgt Ion:107 Resp: 517045
Ion Ratio Lower Upper
107 100
144 24.4 19.8 29.6
142 74.5 59.0 88.4





#37
2-Methylnaphthalene
Concen: 53.021 ng
RT: 12.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

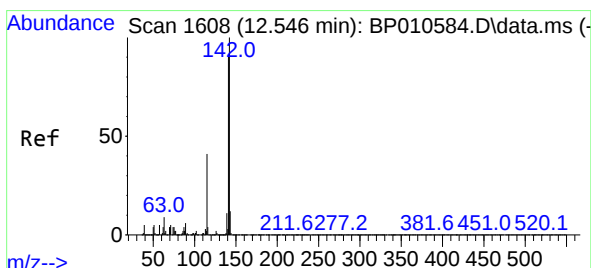
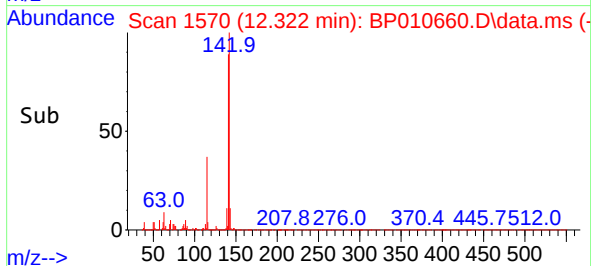
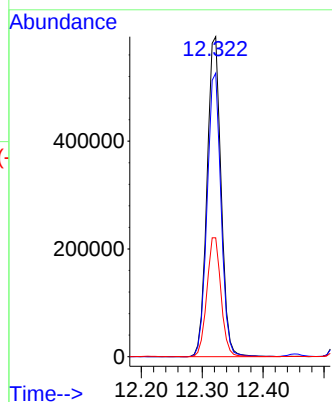
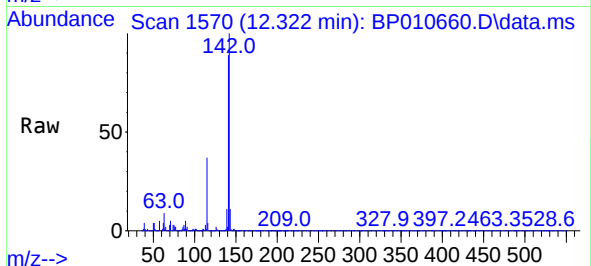
RBR-671MSD

Tgt Ion:142 Resp: 949740
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9
115 37.2 31.4 47.2

Manual Integrations

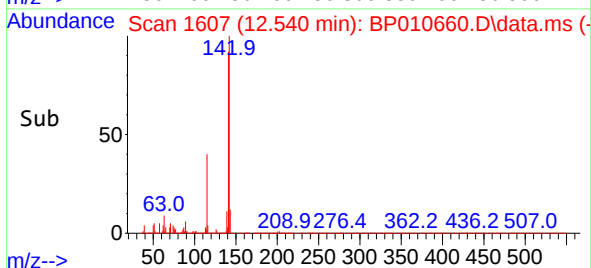
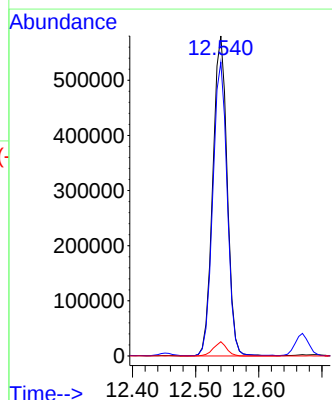
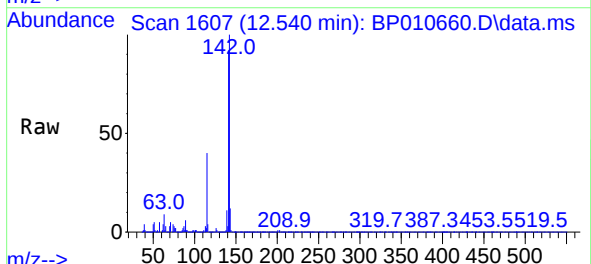
APPROVED

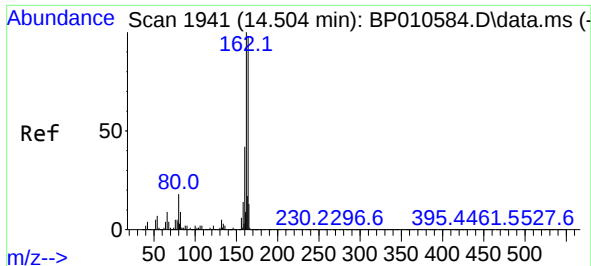
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#38
1-Methylnaphthalene
Concen: 52.329 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

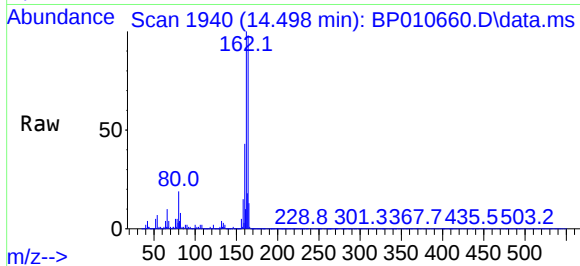
Tgt Ion:142 Resp: 915398
Ion Ratio Lower Upper
142 100
141 91.8 72.6 108.8
116 4.5 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

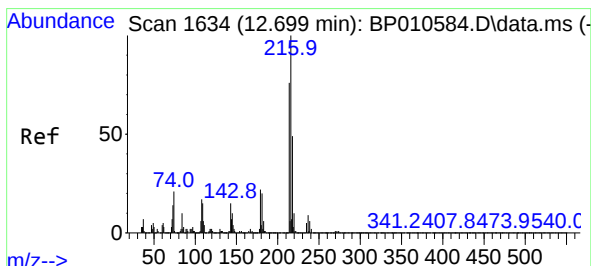
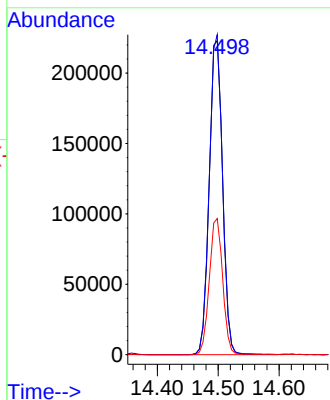
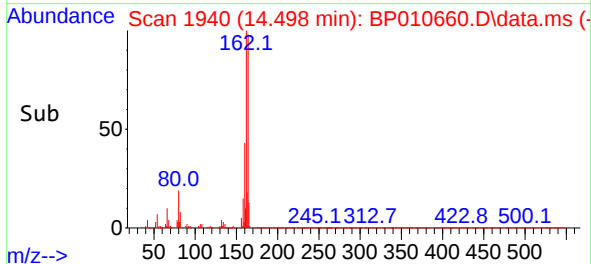
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



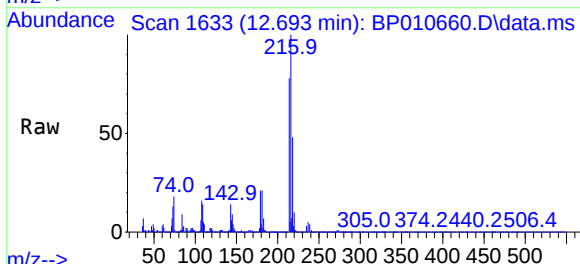
Tgt Ion:164 Resp: 340074
Ion Ratio Lower Upper
164 100
162 101.9 81.9 122.9
160 43.4 34.6 51.8

Manual Integrations
APPROVED

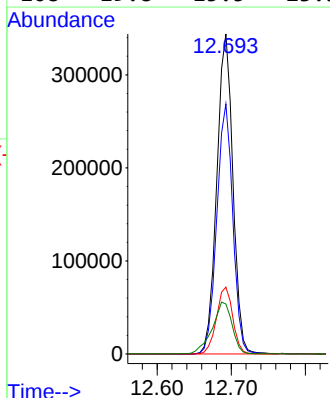
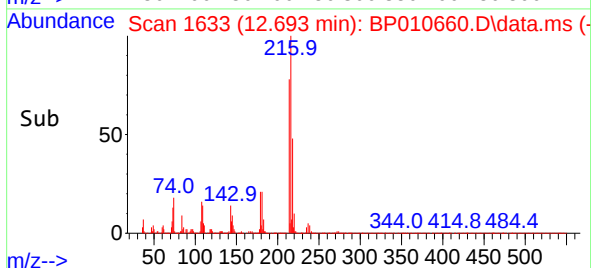
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022

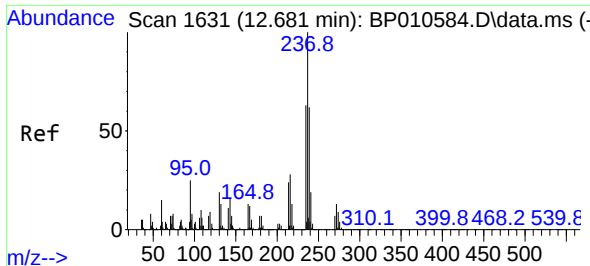


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.095 ng
RT: 12.693 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05



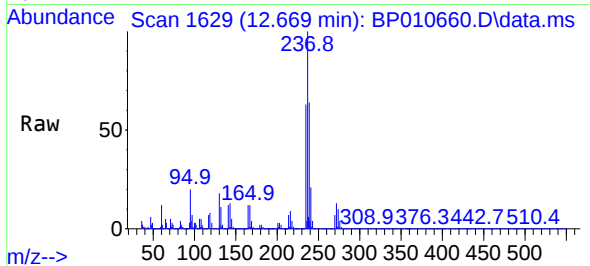
Tgt Ion:216 Resp: 519388
Ion Ratio Lower Upper
216 100
214 77.6 61.9 92.9
179 21.2 17.0 25.6
108 19.8 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 91.877 ng
RT: 12.669 min Scan# 1629
Delta R.T. -0.012 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

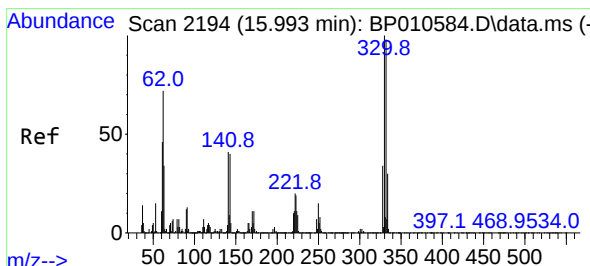
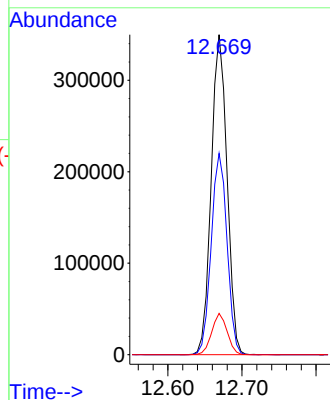
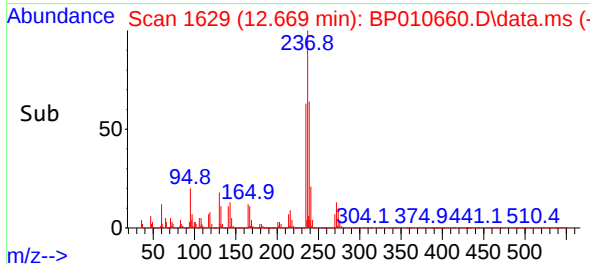
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



Tgt Ion: 237 Resp: 51741
Ion Ratio Lower Upper
237 100
235 62.9 43.3 83.3
272 12.9 0.0 33.0

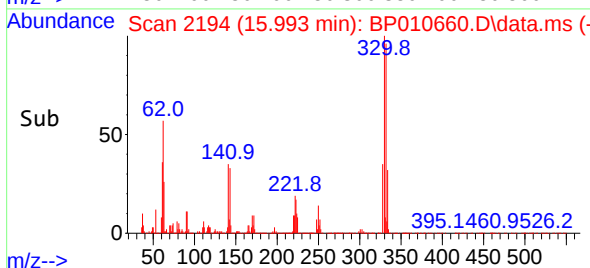
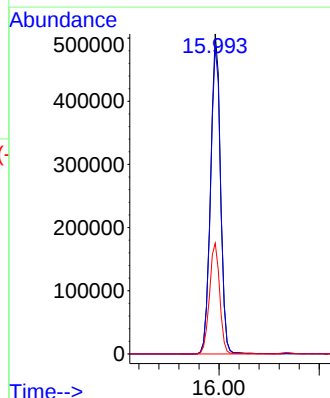
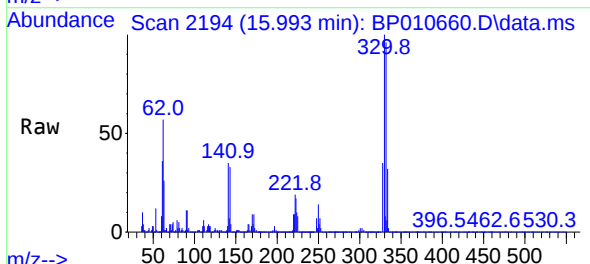
Manual Integrations
APPROVED

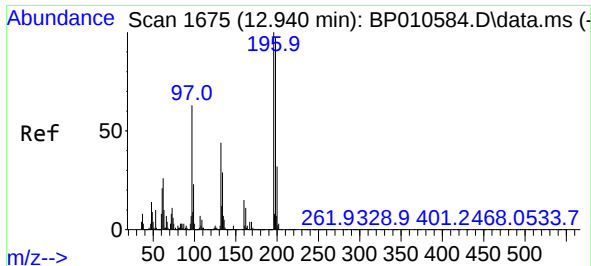
Reviewed By : Christian Giraldo 06/02/2022
Supervised By : Jagrut Upadhyay 06/02/2022



#42
2,4,6-Tribromophenol
Concen: 181.117 ng
RT: 15.993 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

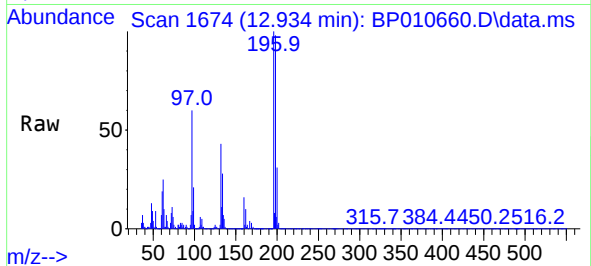
Tgt Ion: 330 Resp: 697206
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 35.5 31.4 47.2





#43
2,4,6-Trichlorophenol
Concen: 56.312 ng
RT: 12.934 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

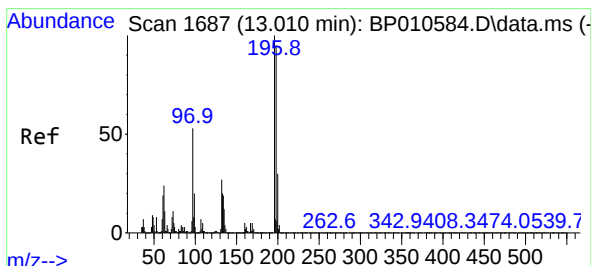
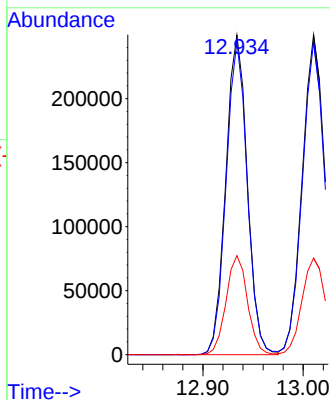
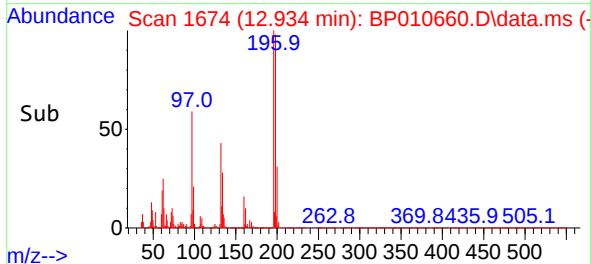
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



Tgt Ion:196 Resp: 371904
Ion Ratio Lower Upper
196 100
198 98.0 77.7 116.5
200 31.0 25.5 38.3

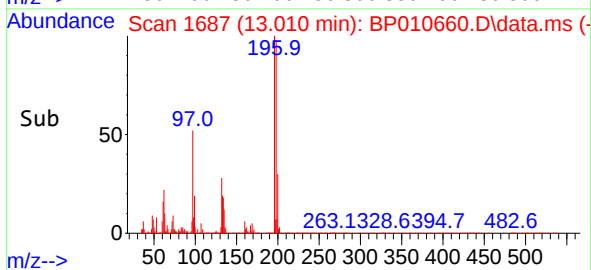
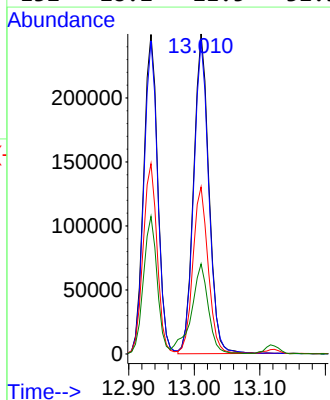
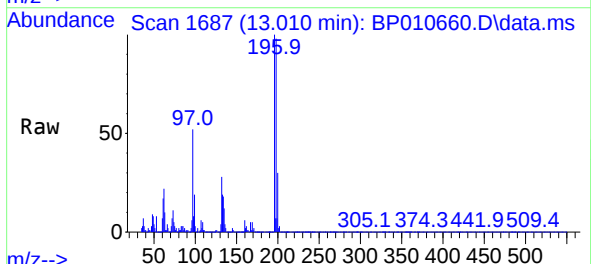
Manual Integrations
APPROVED

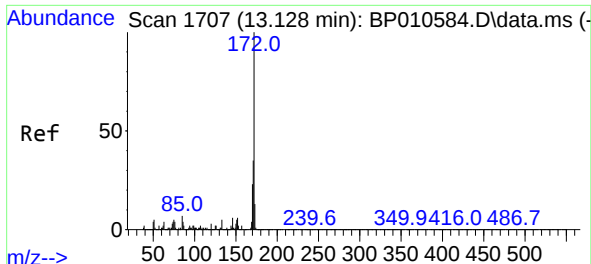
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#44
2,4,5-Trichlorophenol
Concen: 54.263 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:196 Resp: 405354
Ion Ratio Lower Upper
196 100
198 97.8 75.7 113.5
97 52.2 42.4 63.6
132 28.2 21.5 32.3





#45
2-Fluorobiphenyl
Concen: 91.379 ng
RT: 13.122 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

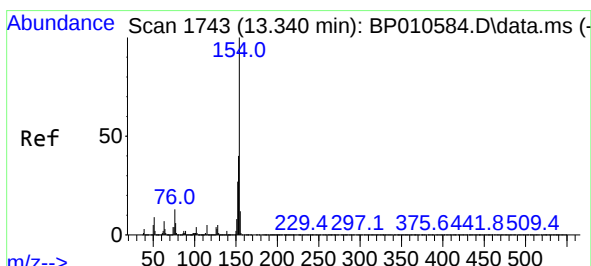
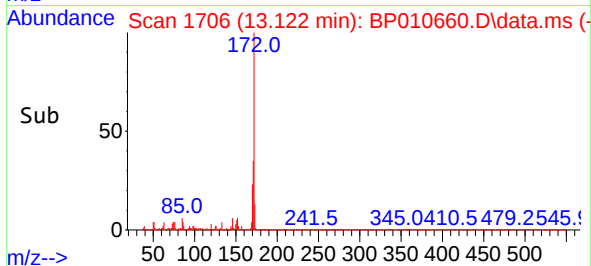
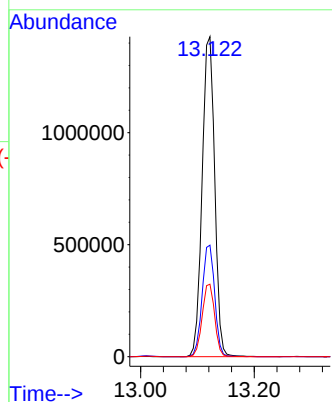
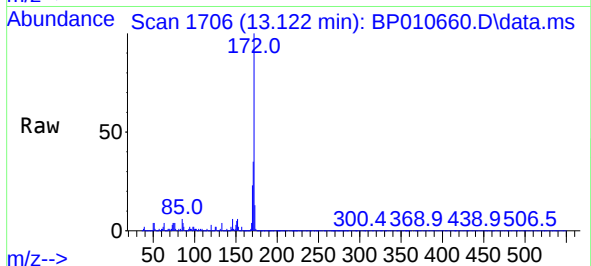
RBR-671MSD

Tgt Ion:172 Resp: 218960
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 22.6 18.2 27.2

Manual Integrations

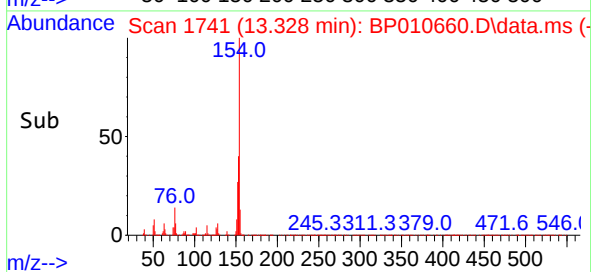
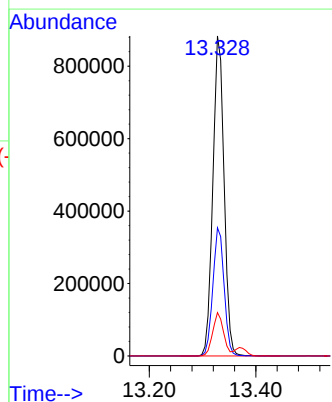
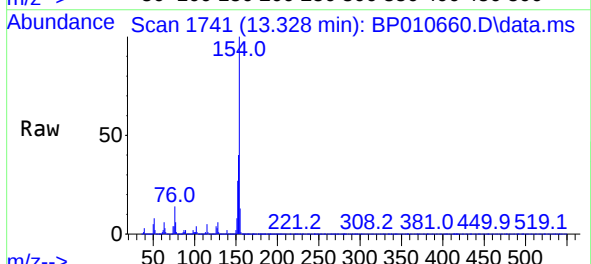
APPROVED

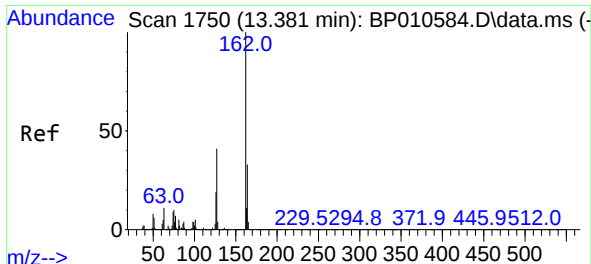
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#46
1,1'-Biphenyl
Concen: 50.852 ng
RT: 13.328 min Scan# 1741
Delta R.T. -0.012 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:154 Resp: 1289885
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 13.5 0.0 33.2





#47

2-Chloronaphthalene

Concen: 50.244 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.012 min

Lab File: BP010660.D

Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

RBR-671MSD

Tgt Ion:162 Resp: 1001740

Ion Ratio Lower Upper

162 100

127 40.6 32.4 48.6

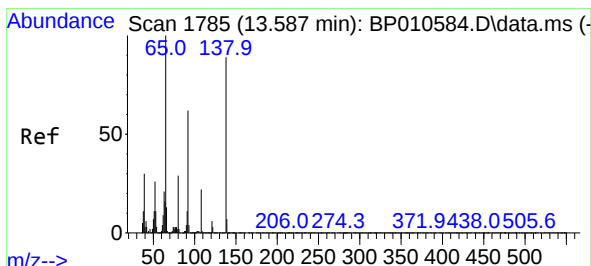
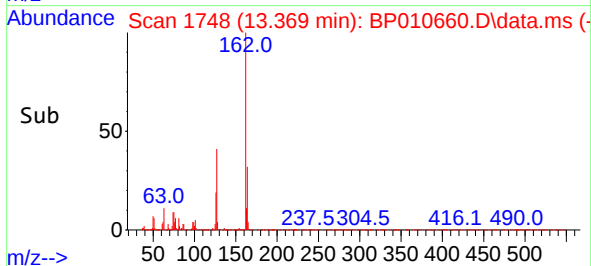
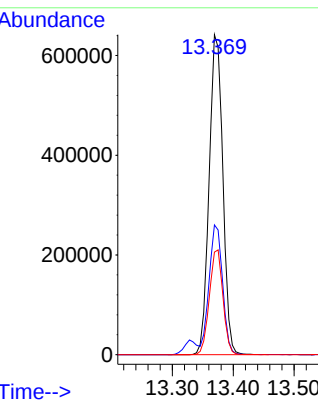
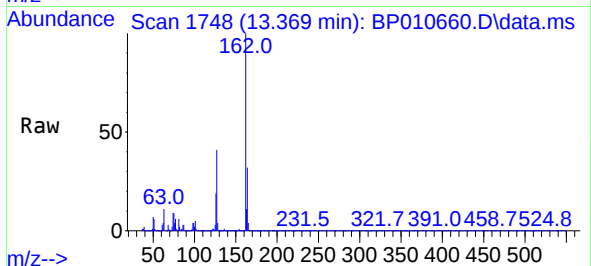
164 32.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/02/2022

Supervised By :Jagrut Upadhyay 06/02/2022



#48

2-Nitroaniline

Concen: 57.485 ng

RT: 13.581 min Scan# 1784

Delta R.T. -0.006 min

Lab File: BP010660.D

Acq: 01 Jun 2022 20:05

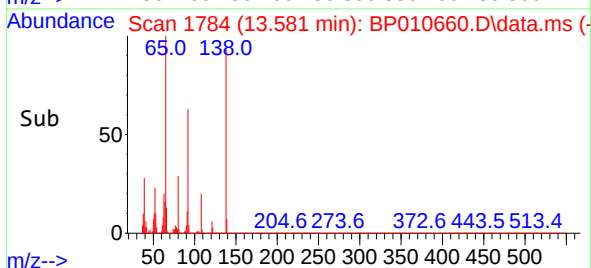
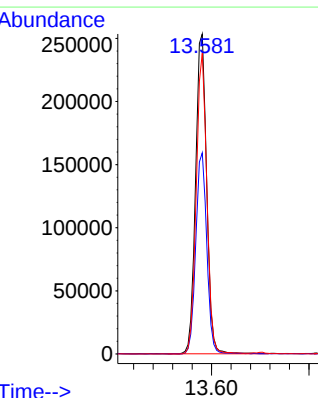
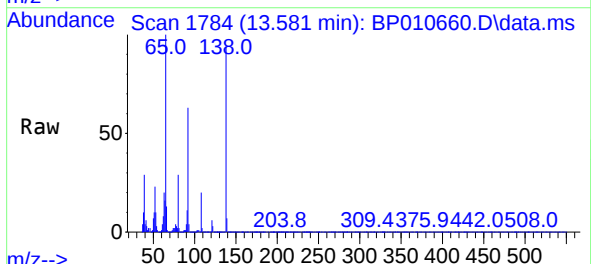
Tgt Ion: 65 Resp: 397234

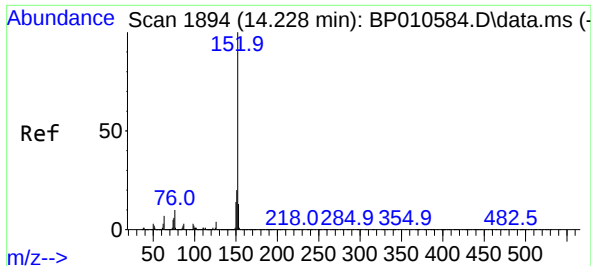
Ion Ratio Lower Upper

65 100

92 62.9 50.0 75.0

138 94.0 71.2 106.8





#49
Acenaphthylene
Concen: 55.101 ng
RT: 14.216 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

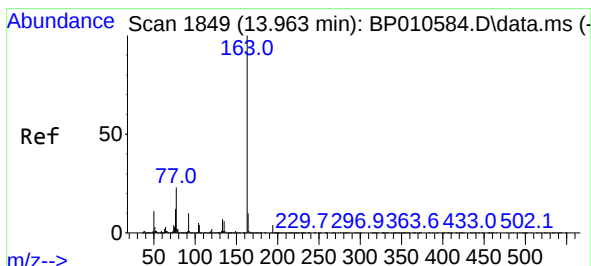
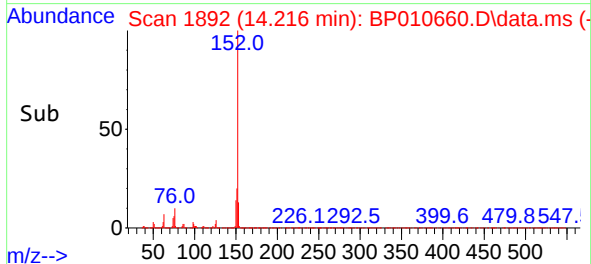
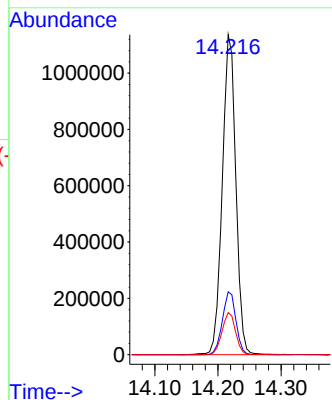
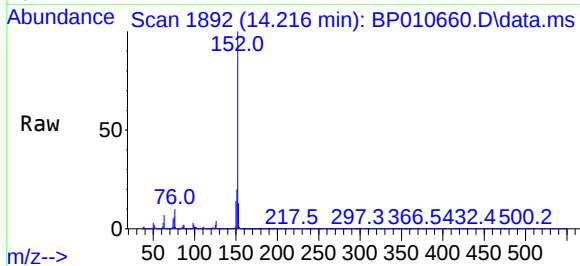
RBR-671MSD

Tgt Ion:152 Resp: 1687438
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.4 15.6

Manual Integrations

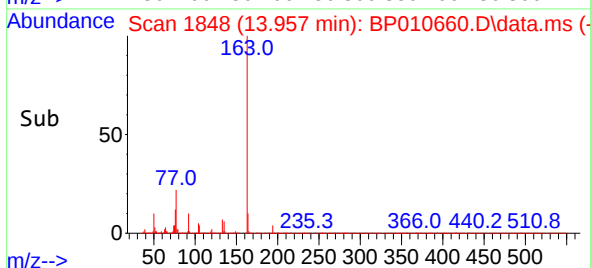
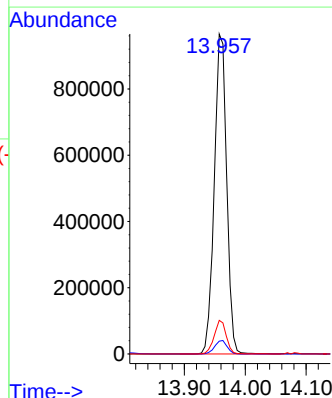
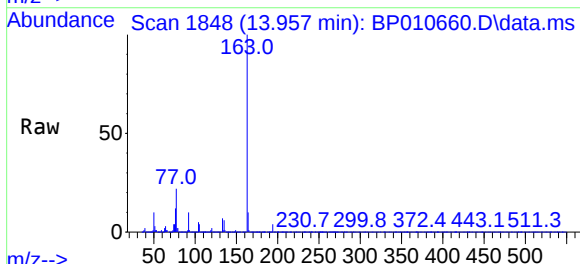
APPROVED

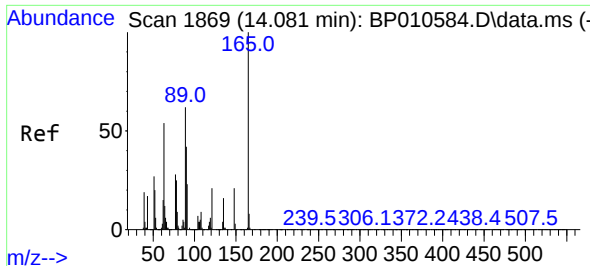
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#50
Dimethylphthalate
Concen: 55.640 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:163 Resp: 1362019
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.5 8.2 12.4





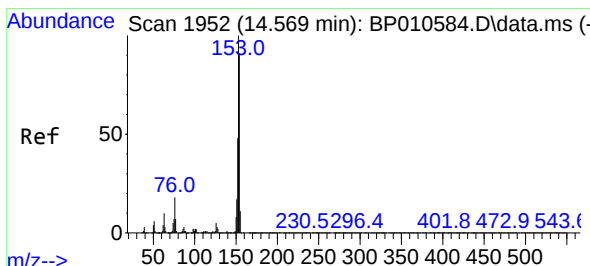
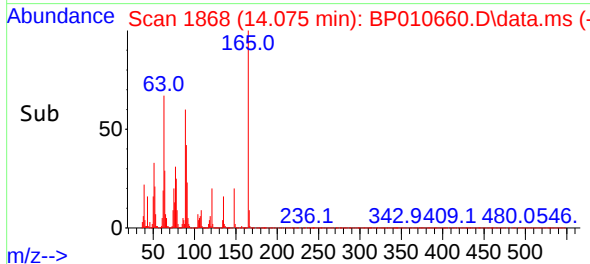
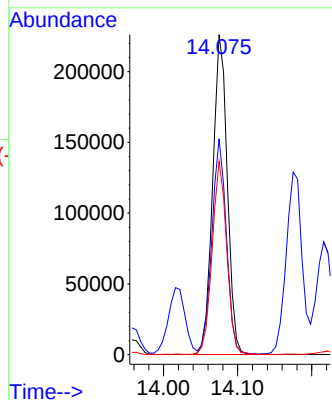
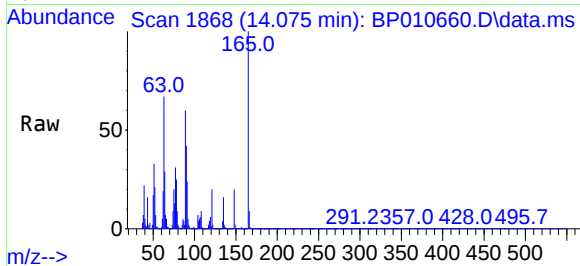
#51
2,6-Dinitrotoluene
Concen: 59.382 ng
RT: 14.075 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :
BNA_P
ClientSampleId :
RBR-671MSD

Tgt Ion:165 Resp: 30912
Ion Ratio Lower Upper
165 100
63 67.4 57.3 85.9
89 60.4 50.2 75.2

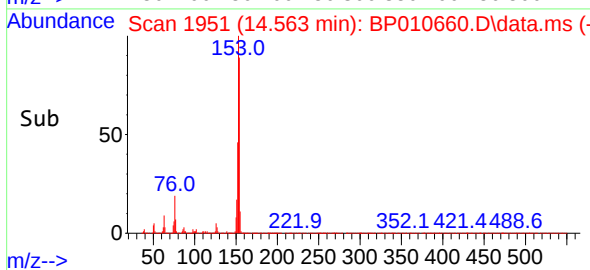
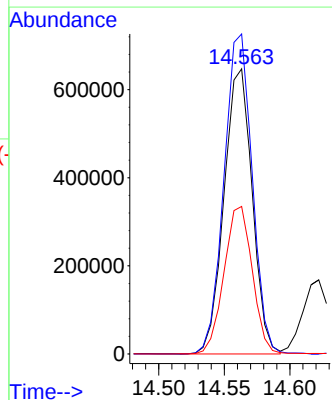
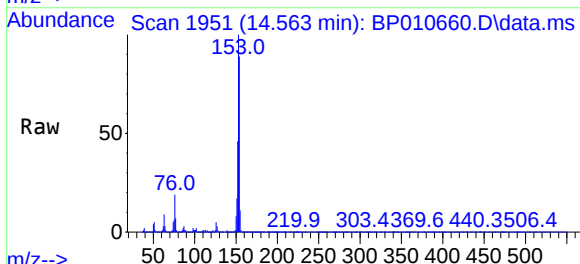
Manual Integrations
APPROVED

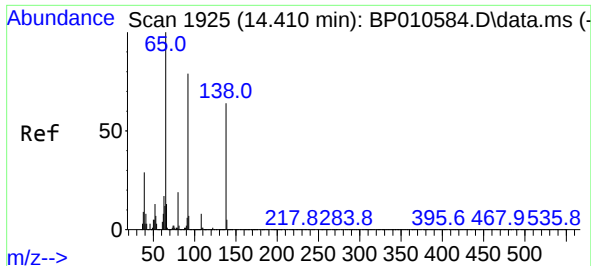
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#52
Acenaphthene
Concen: 51.501 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

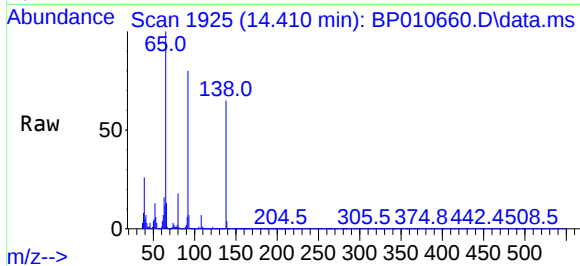
Tgt Ion:154 Resp: 968310
Ion Ratio Lower Upper
154 100
153 112.2 87.4 131.2
152 51.7 41.7 62.5





#53
3-Nitroaniline
Concen: 42.056 ng
RT: 14.410 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

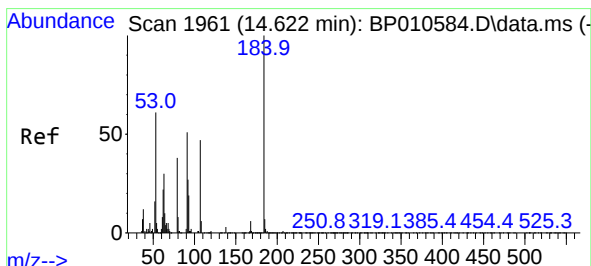
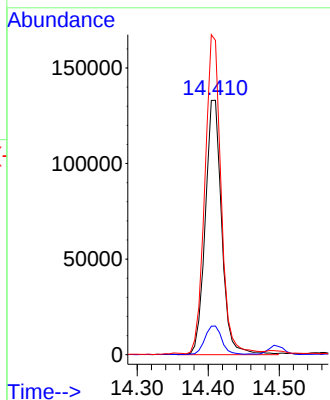
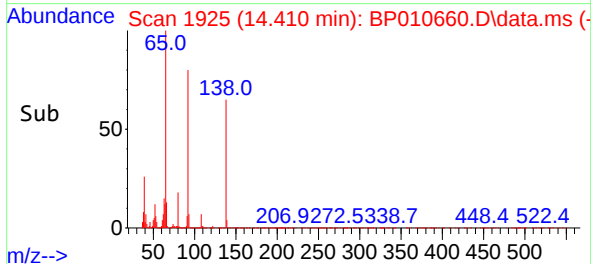
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



Tgt Ion:138 Resp: 214424
Ion Ratio Lower Upper
138 100
108 11.3 9.5 14.3
92 123.5 99.9 149.9

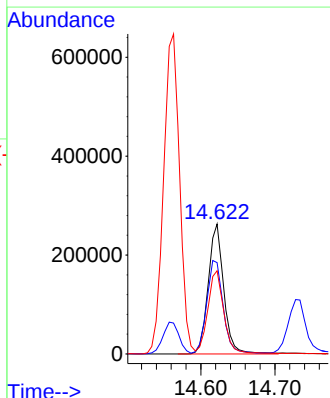
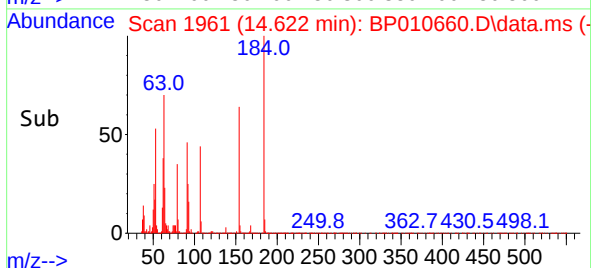
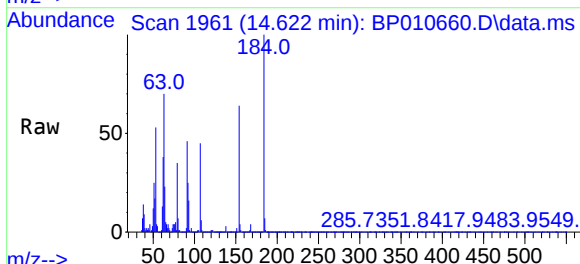
Manual Integrations
APPROVED

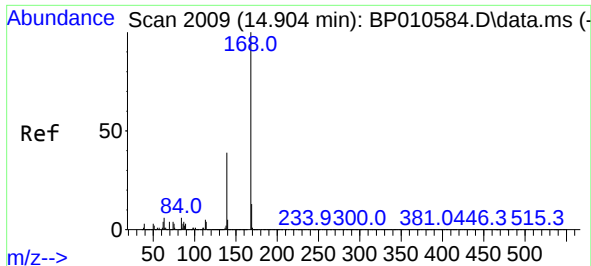
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#54
2,4-Dinitrophenol
Concen: 115.792 ng
RT: 14.622 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

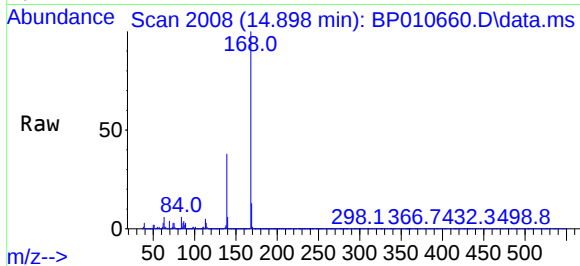
Tgt Ion:184 Resp: 382401
Ion Ratio Lower Upper
184 100
63 70.3 65.4 98.2
154 64.0 55.4 83.2





#55
Dibenzenofuran
Concen: 53.689 ng
RT: 14.898 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

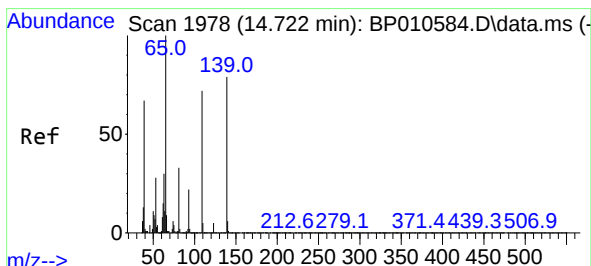
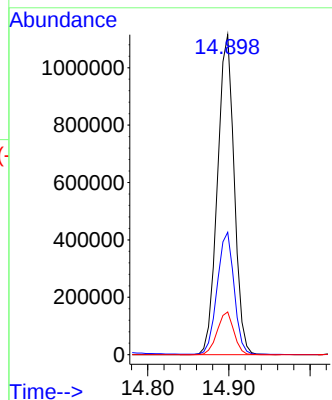
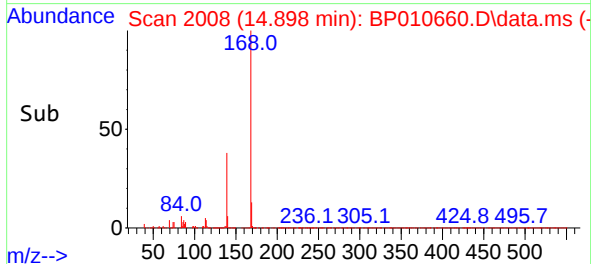
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



Tgt Ion:168 Resp: 159628
Ion Ratio Lower Upper
168 100
139 38.3 31.5 47.3
169 13.4 10.3 15.5

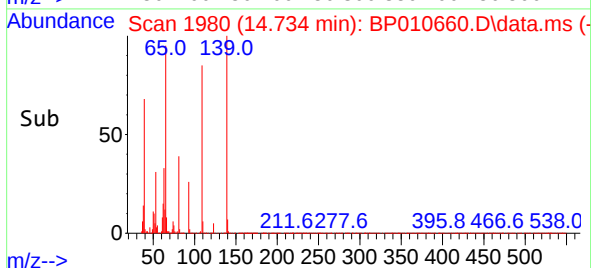
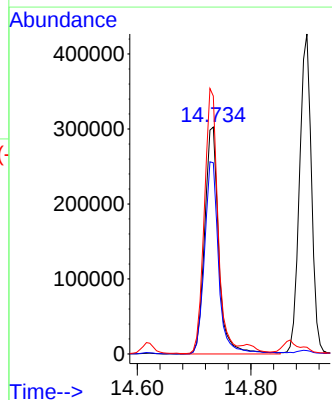
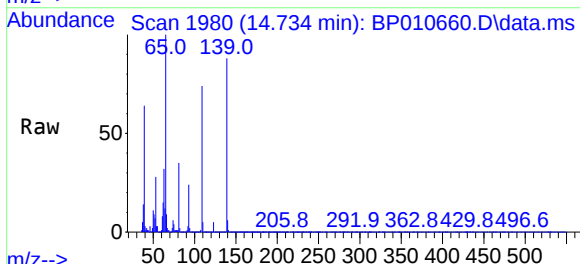
Manual Integrations
APPROVED

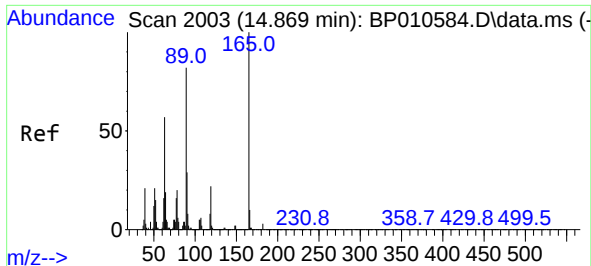
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#56
4-Nitrophenol
Concen: 119.313 ng
RT: 14.734 min Scan# 1980
Delta R.T. 0.012 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:139 Resp: 519723
Ion Ratio Lower Upper
139 100
109 84.3 70.6 110.6
65 113.7 106.6 146.6





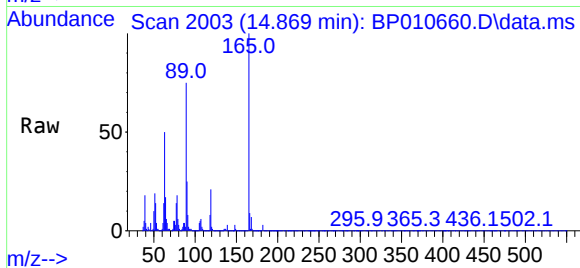
#57
2,4-Dinitrotoluene
Concen: 64.584 ng
RT: 14.869 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

RBR-671MSD

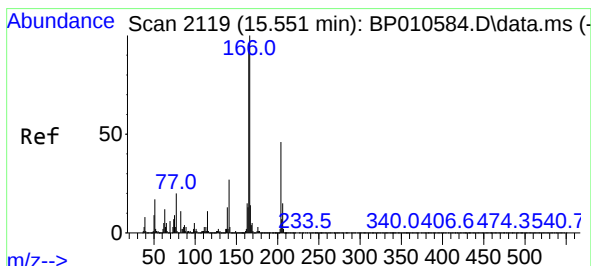
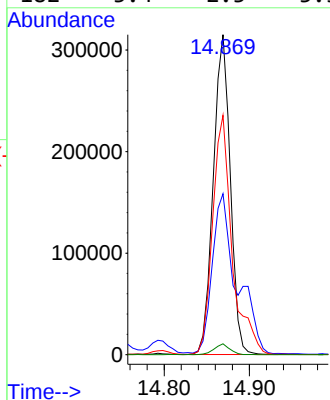
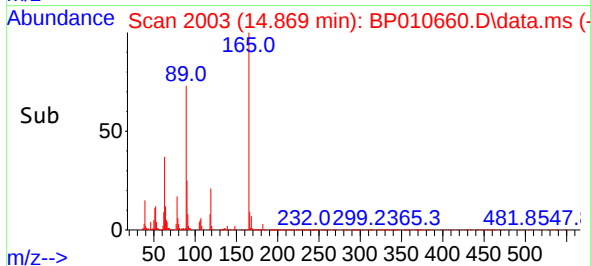


Tgt Ion:165 Resp: 437638
Ion Ratio Lower Upper
165 100
63 50.3 46.2 69.2
89 74.8 65.8 98.8
182 3.4 2.3 3.5

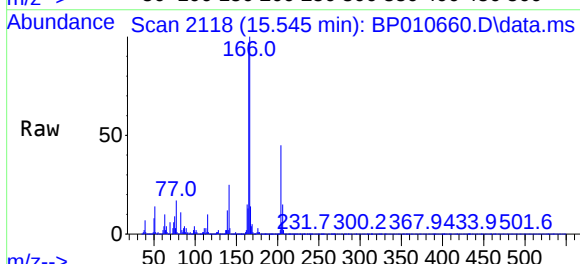
Manual Integrations

APPROVED

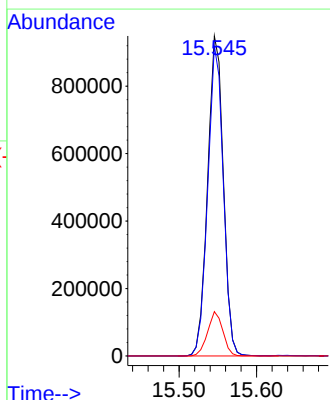
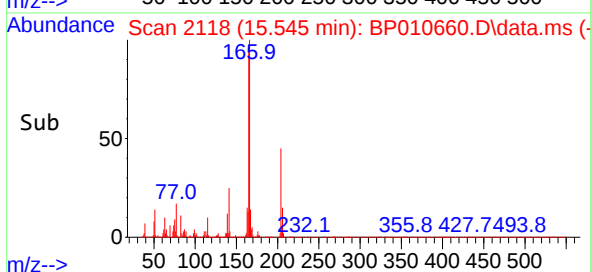
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022

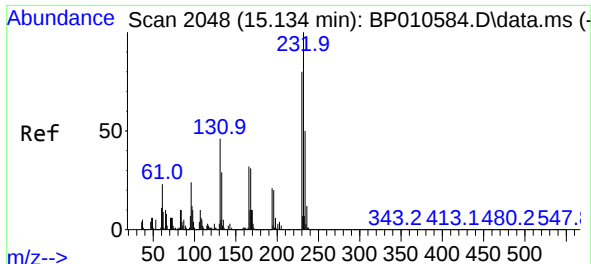


#58
Fluorene
Concen: 54.930 ng
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05



Tgt Ion:166 Resp: 1335182
Ion Ratio Lower Upper
166 100
165 97.0 77.0 115.4
167 13.8 10.9 16.3





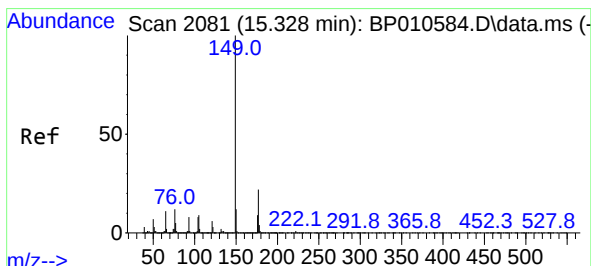
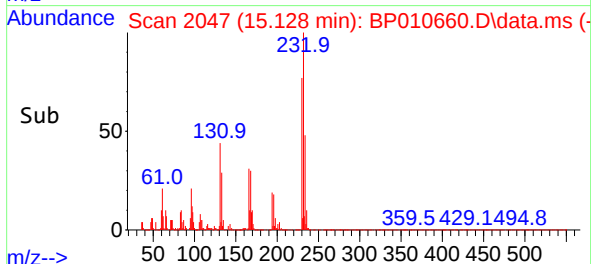
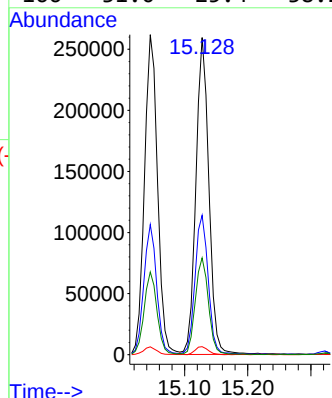
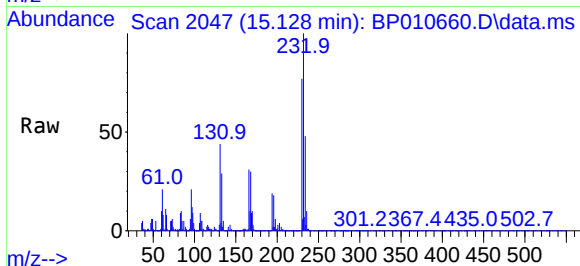
#59
2,3,4,6-Tetrachlorophenol
Concen: 57.680 ng
RT: 15.128 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :
BNA_P
ClientSampleId :
RBR-671MSD

Tgt Ion:232 Resp: 369364
Ion Ratio Lower Upper
232 100
131 44.9 37.0 55.6
130 2.5 2.2 3.2
166 31.0 25.4 38.2

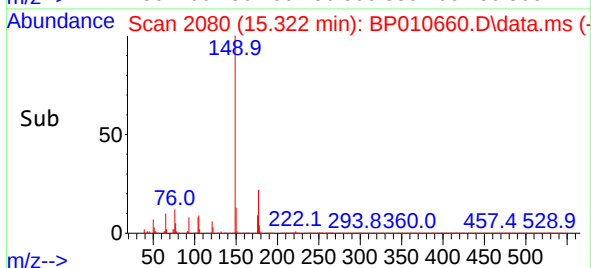
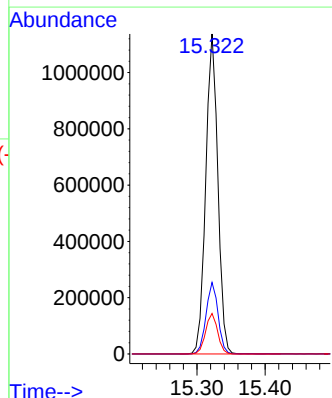
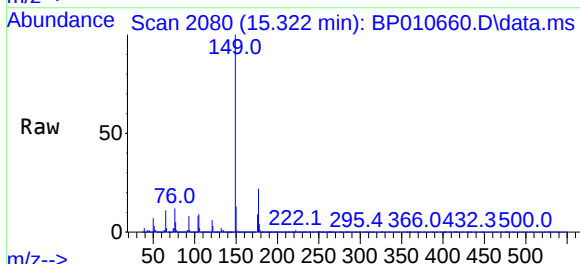
Manual Integrations
APPROVED

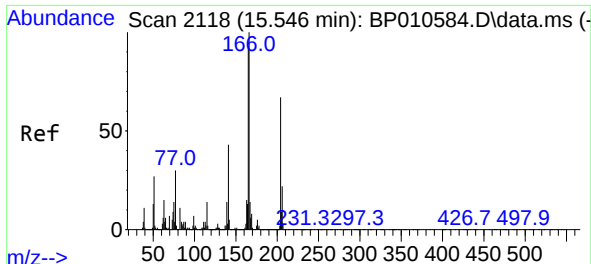
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#60
Diethylphthalate
Concen: 57.522 ng
RT: 15.322 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:149 Resp: 1401709
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.7 9.9 14.9





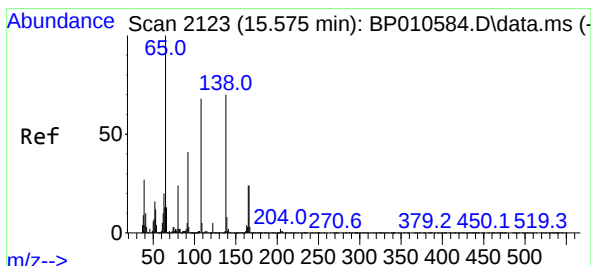
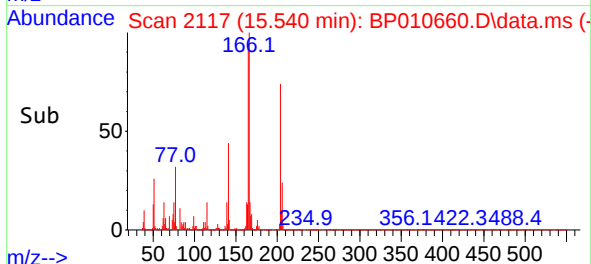
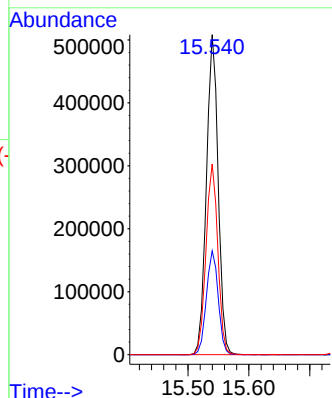
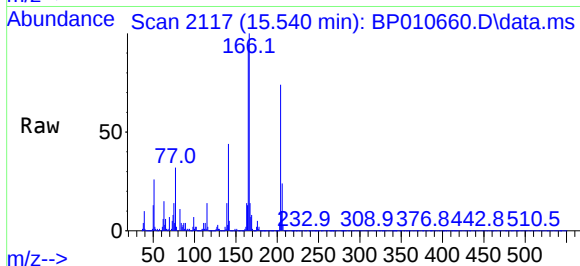
#61
4-Chlorophenyl-phenylether
Concen: 55.664 ng
RT: 15.540 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :
BNA_P
ClientSampleId :
RBR-671MSD

Tgt Ion:204 Resp: 68005
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 59.6 51.1 76.7

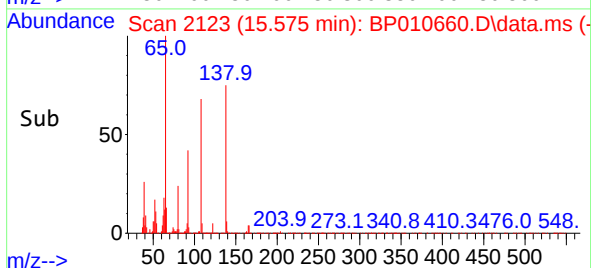
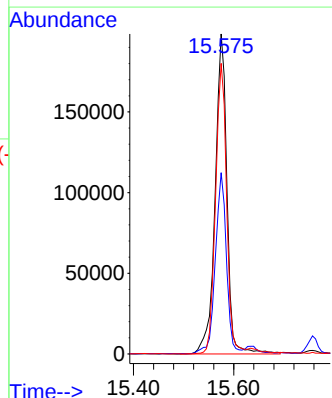
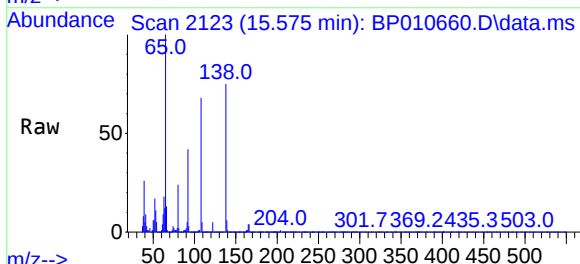
Manual Integrations
APPROVED

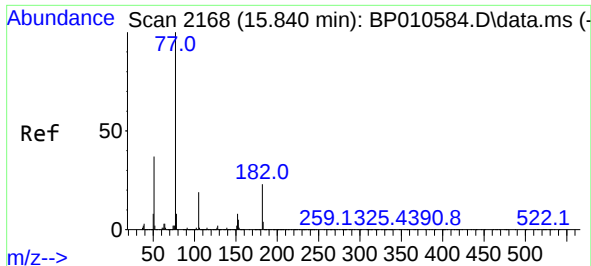
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#62
4-Nitroaniline
Concen: 59.396 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:138 Resp: 325185
Ion Ratio Lower Upper
138 100
92 56.7 38.0 78.0
108 90.8 77.6 117.6





#63
Azobenzene
Concen: 53.580 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

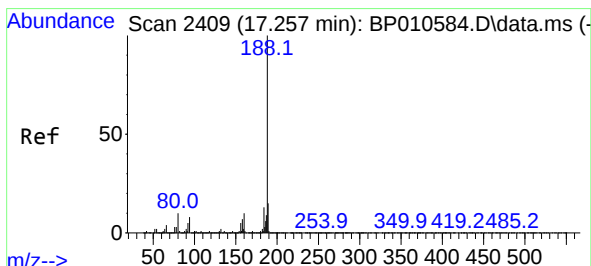
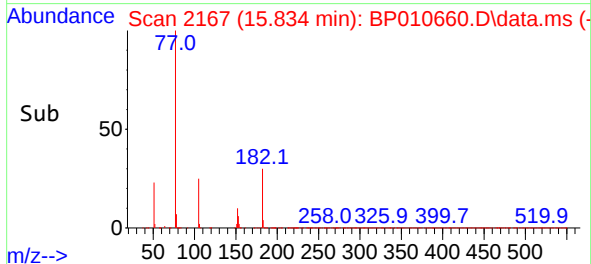
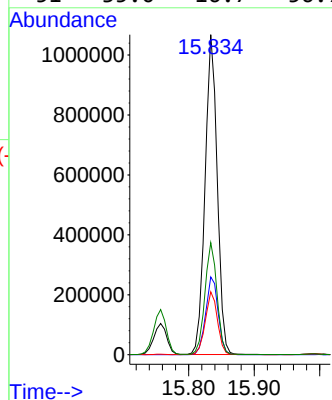
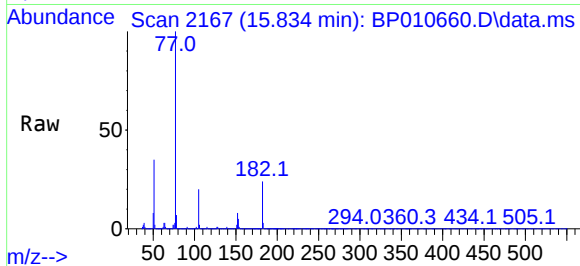
RBR-671MSD

Tgt Ion: 77 Resp: 137896
Ion Ratio Lower Upper
77 100
182 24.3 3.0 43.0
105 19.6 0.0 38.6
51 35.0 16.7 56.7

Manual Integrations

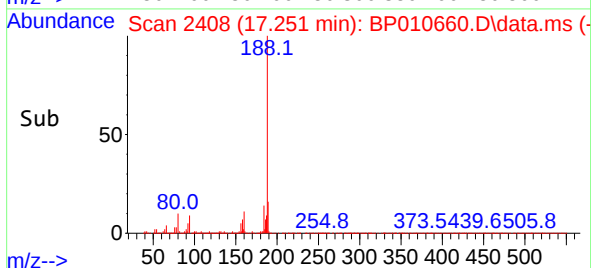
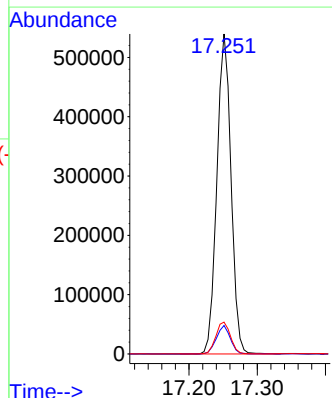
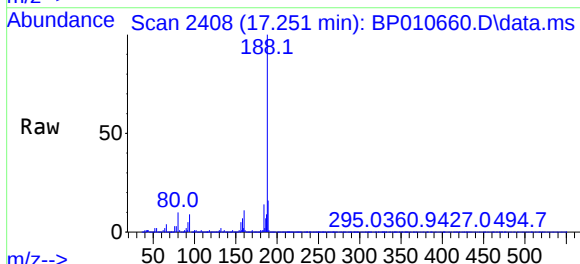
APPROVED

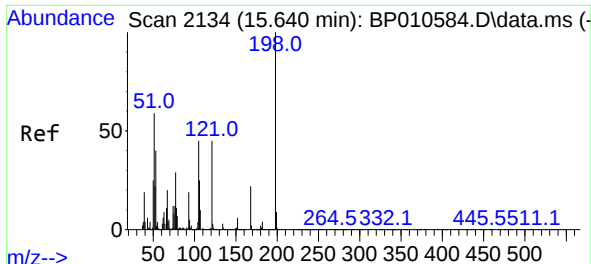
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:188 Resp: 778548
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.9 8.0 12.0





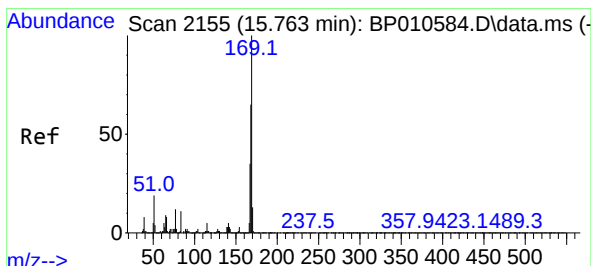
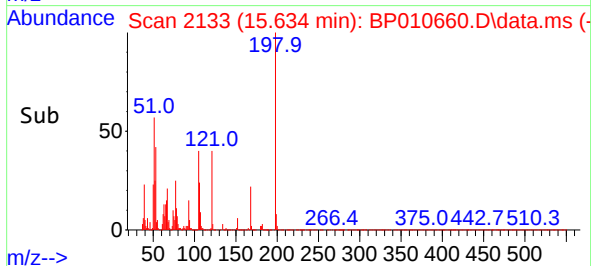
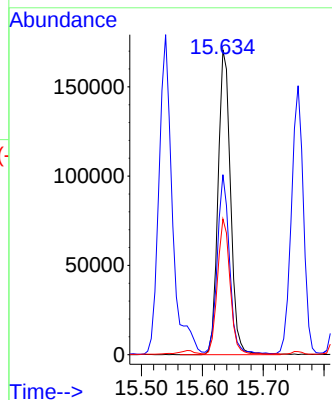
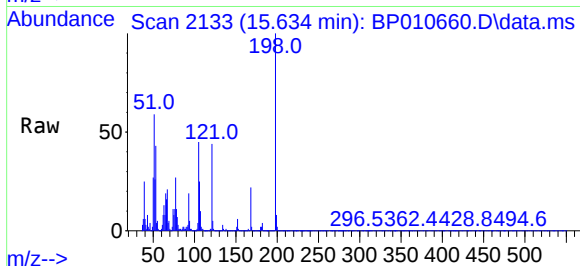
#65
4,6-Dinitro-2-methylphenol
Concen: 48.844 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :
BNA_P
ClientSampleId :
RBR-671MSD

Tgt Ion:198 Resp: 241935
Ion Ratio Lower Upper
198 100
51 59.1 41.2 81.2
105 44.5 25.3 65.3

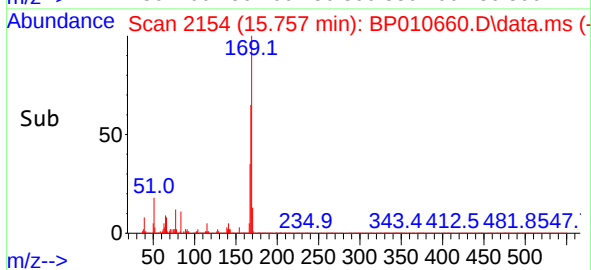
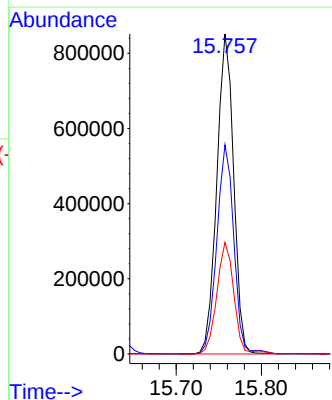
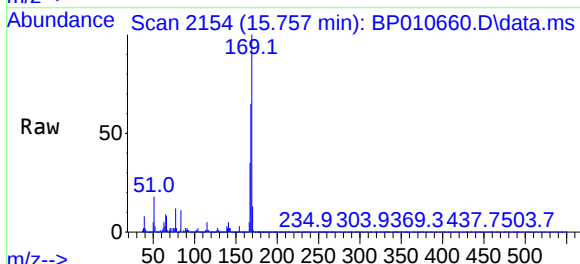
Manual Integrations
APPROVED

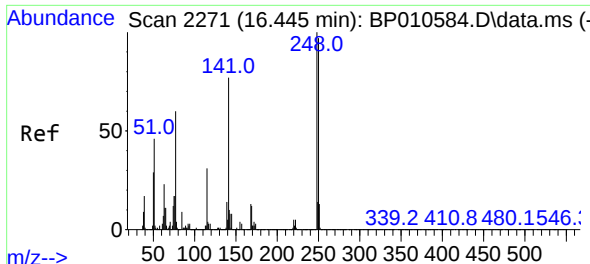
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#66
n-Nitrosodiphenylamine
Concen: 49.818 ng
RT: 15.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:169 Resp: 1167858
Ion Ratio Lower Upper
169 100
168 65.4 51.8 77.8
167 34.9 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 50.381 ng
RT: 16.440 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

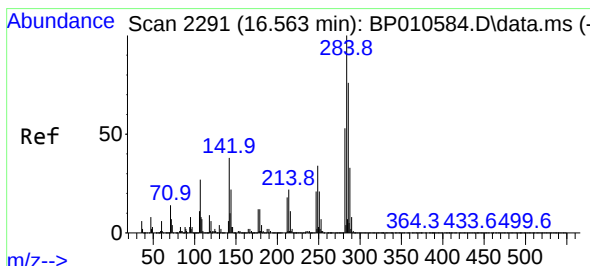
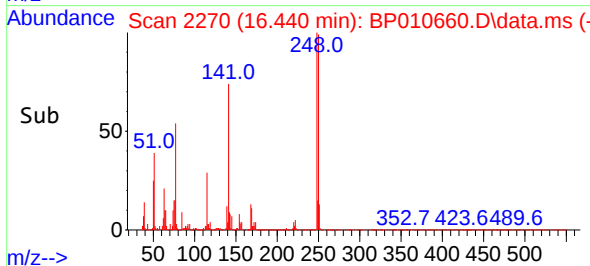
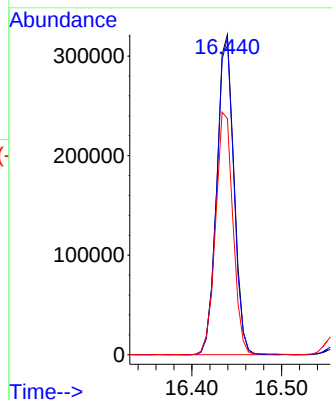
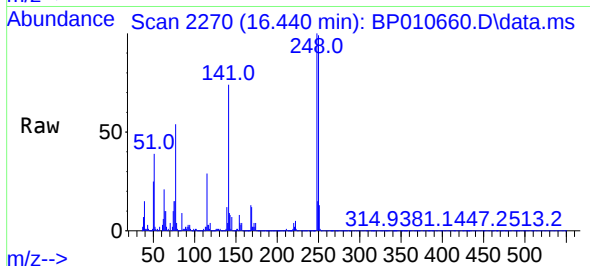
RBR-671MSD

Tgt Ion:248 Resp: 426700
Ion Ratio Lower Upper
248 100
250 99.0 77.7 116.5
141 73.8 62.0 93.0

Manual Integrations

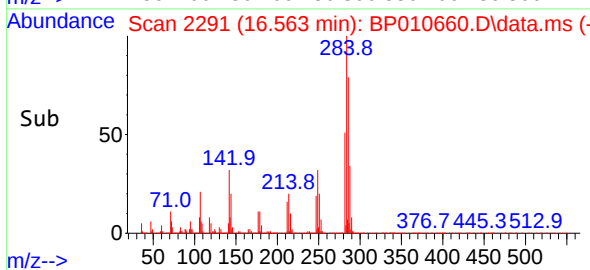
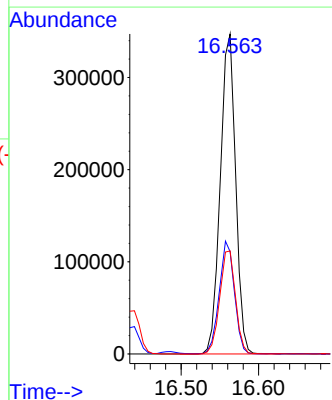
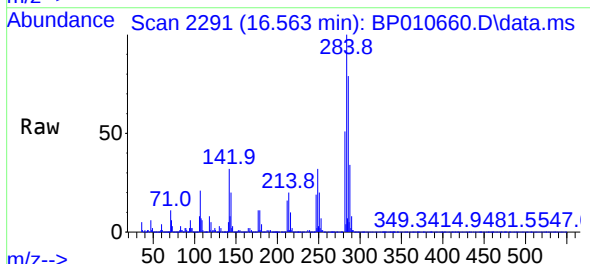
APPROVED

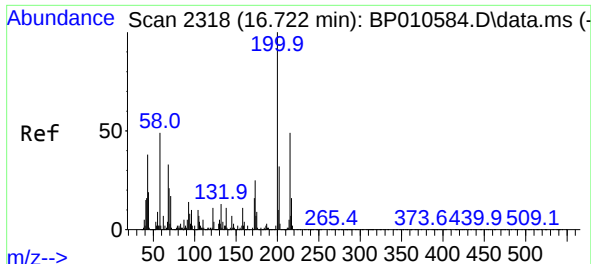
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#68
Hexachlorobenzene
Concen: 50.994 ng
RT: 16.563 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

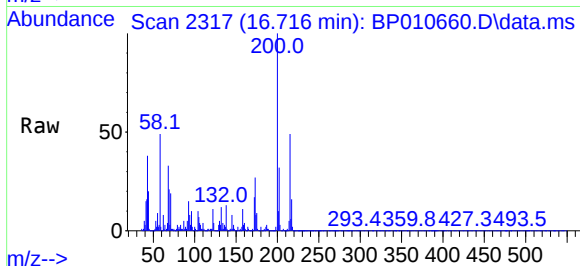
Tgt Ion:284 Resp: 477055
Ion Ratio Lower Upper
284 100
142 31.9 30.8 46.2
249 32.2 26.8 40.2





#69
Atrazine
Concen: 32.501 ng
RT: 16.716 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

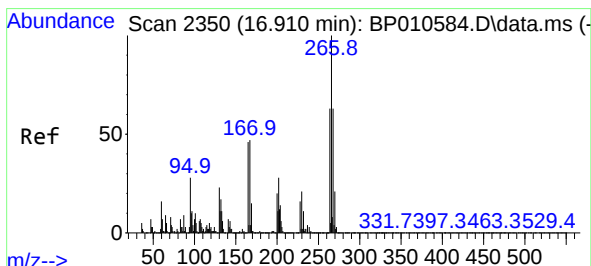
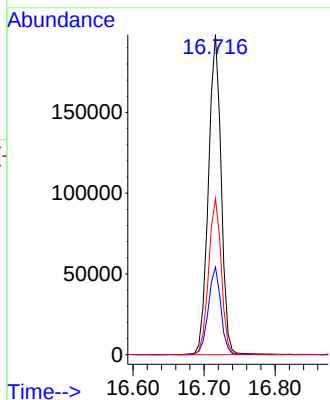
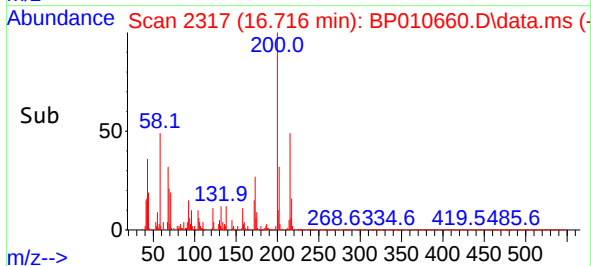
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



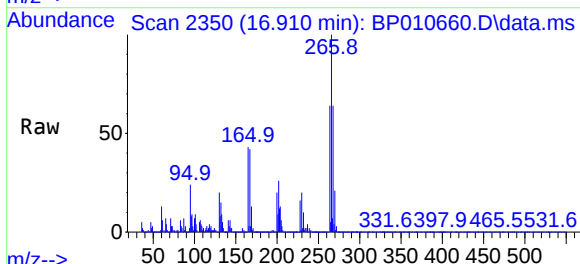
Tgt Ion:200 Resp: 24712
Ion Ratio Lower Upper
200 100
173 27.4 5.3 45.3
215 48.8 29.4 69.4

Manual Integrations
APPROVED

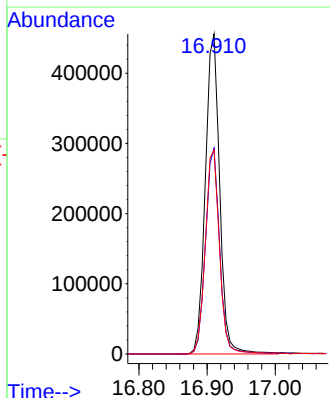
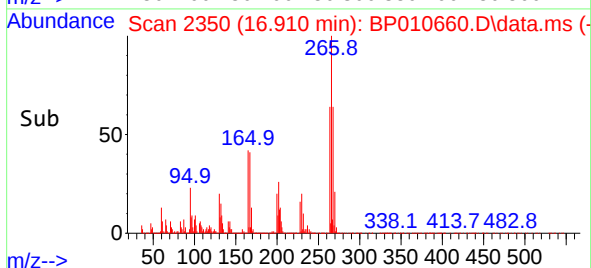
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022

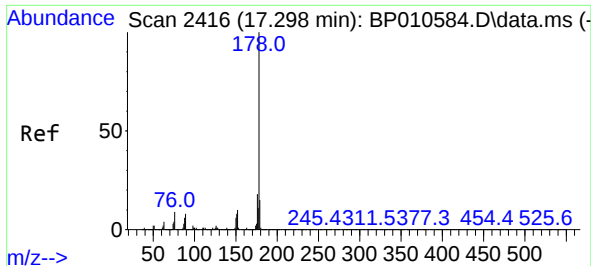


#70
Pentachlorophenol
Concen: 124.287 ng
RT: 16.910 min Scan# 2350
Delta R.T. 0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05



Tgt Ion:266 Resp: 667454
Ion Ratio Lower Upper
266 100
268 64.3 50.5 75.7
264 63.7 50.4 75.6





#71
Phenanthrene
Concen: 51.761 ng
RT: 17.292 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

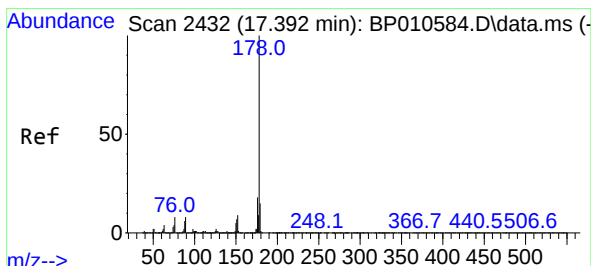
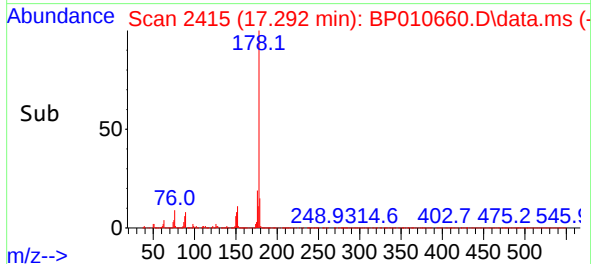
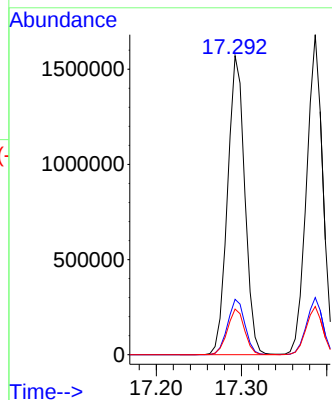
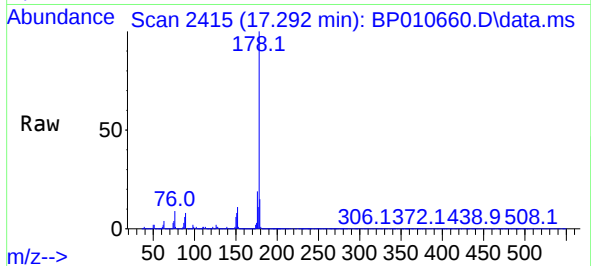
RBR-671MSD

Tgt Ion:178 Resp: 220992
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.3 12.2 18.2

Manual Integrations

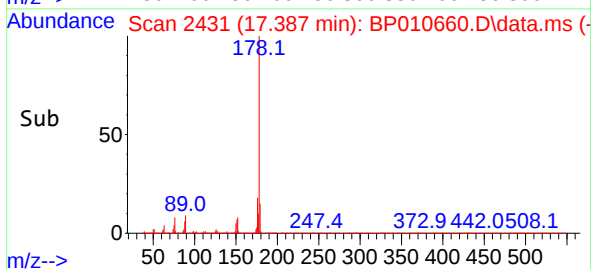
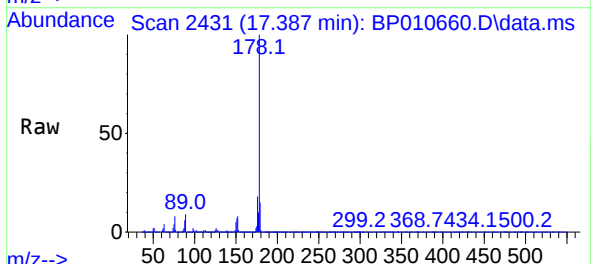
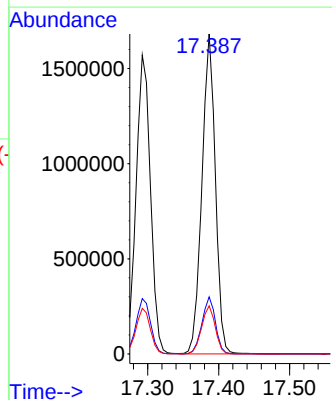
APPROVED

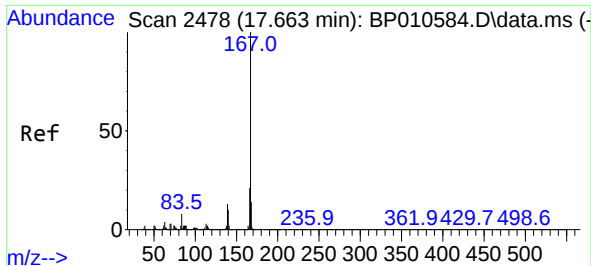
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#72
Anthracene
Concen: 54.252 ng
RT: 17.387 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:178 Resp: 2217988
Ion Ratio Lower Upper
178 100
176 17.9 14.5 21.7
179 15.1 12.2 18.4





#73
 Carbazole
 Concen: 61.773 ng
 RT: 17.657 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP010660.D
 Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

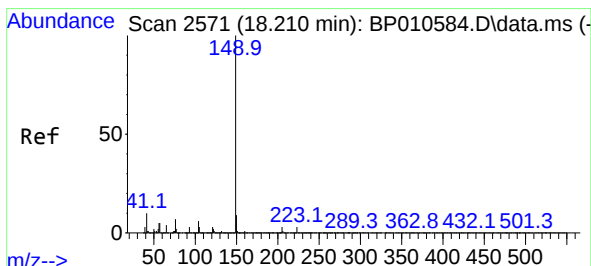
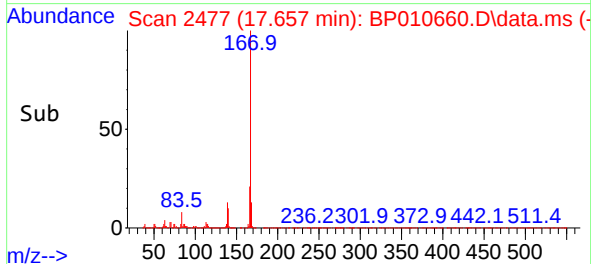
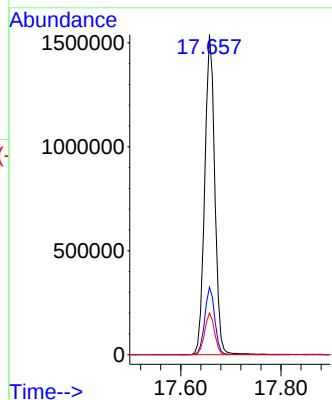
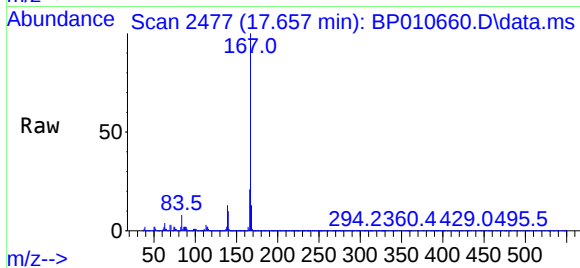
RBR-671MSD

Tgt Ion:167 Resp: 214639
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 13.0 10.6 15.8

Manual Integrations

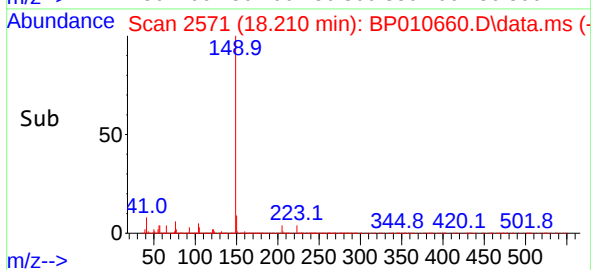
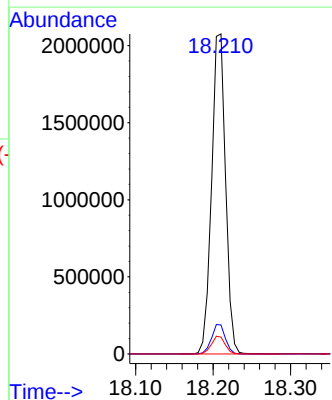
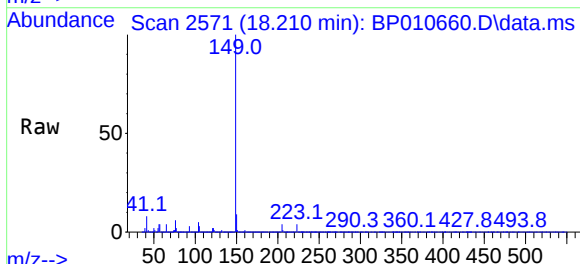
APPROVED

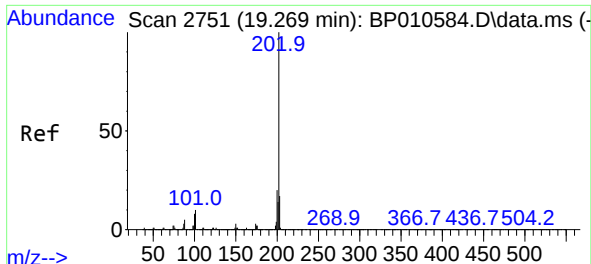
Reviewed By :Christian Giraldo 06/02/2022
 Supervised By :Jagrut Upadhyay 06/02/2022



#74
 Di-n-butylphthalate
 Concen: 58.718 ng
 RT: 18.210 min Scan# 2571
 Delta R.T. -0.000 min
 Lab File: BP010660.D
 Acq: 01 Jun 2022 20:05

Tgt Ion:149 Resp: 2593750
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 5.3 4.8 7.2





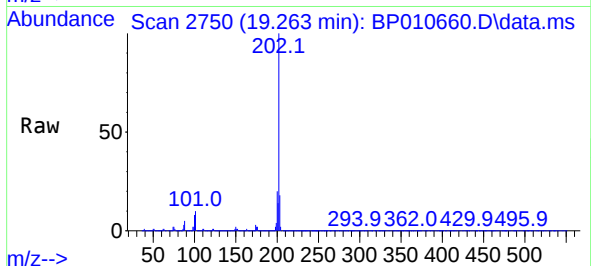
#75
Fluoranthene
Concen: 59.410 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

RBR-671MSD

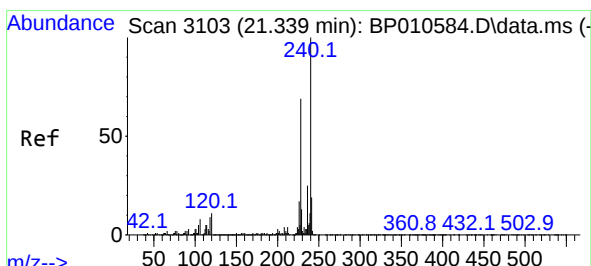
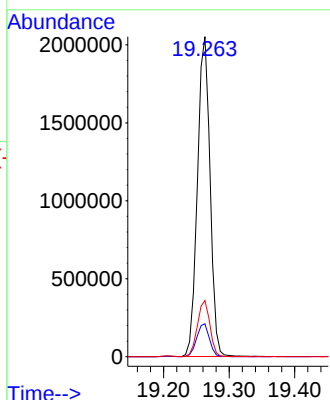
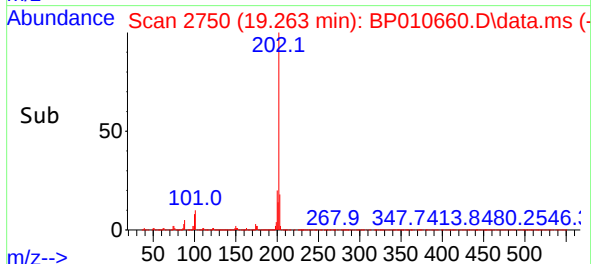


Tgt Ion:202 Resp: 2755044
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.6
203 17.6 0.0 36.9

Manual Integrations

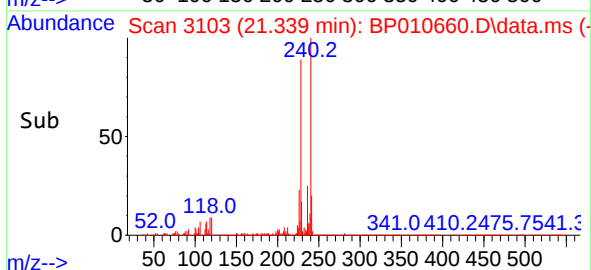
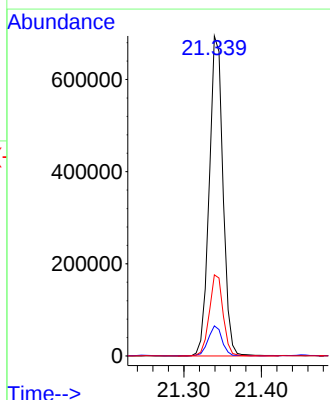
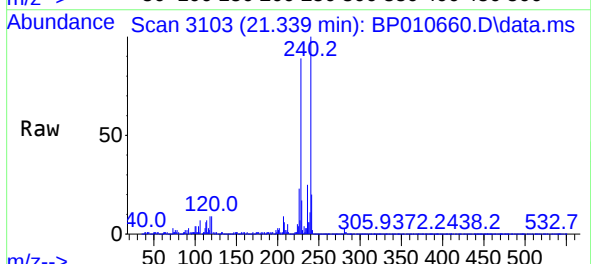
APPROVED

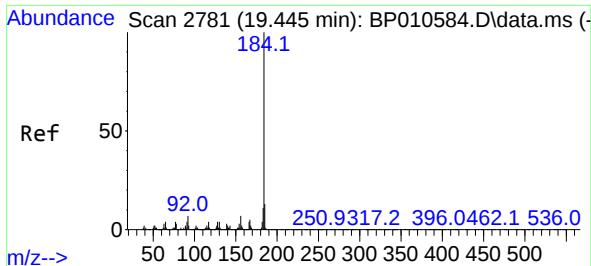
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

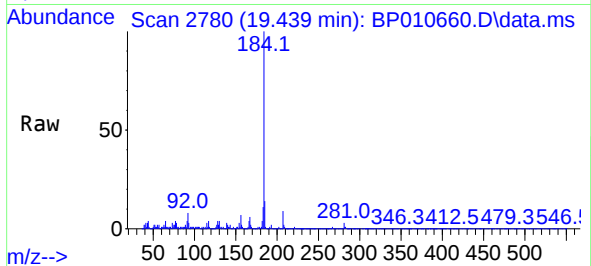
Tgt Ion:240 Resp: 857291
Ion Ratio Lower Upper
240 100
120 9.4 8.6 12.8
236 25.3 19.8 29.6





#77
Benzidine
Concen: 12.339 ng
RT: 19.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

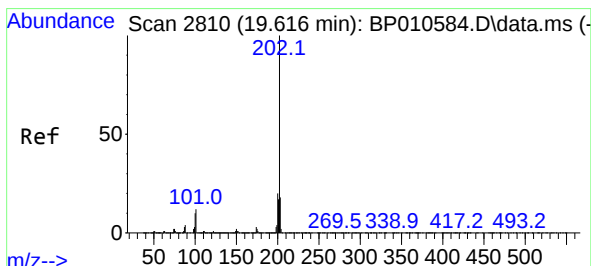
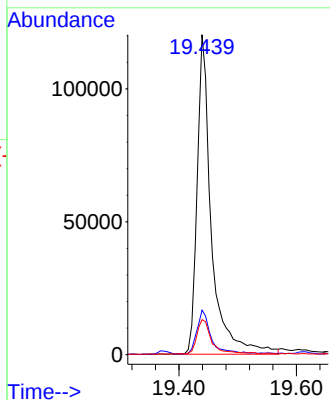
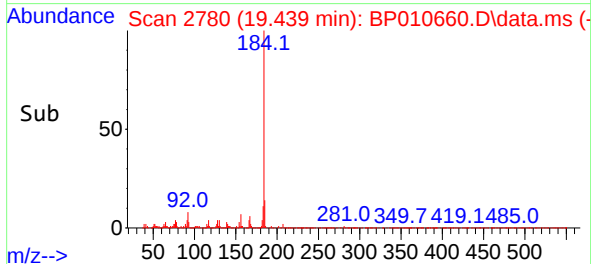
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



Tgt Ion:184 Resp: 203200
Ion Ratio Lower Upper
184 100
185 13.9 10.7 16.1
183 11.0 9.0 13.6

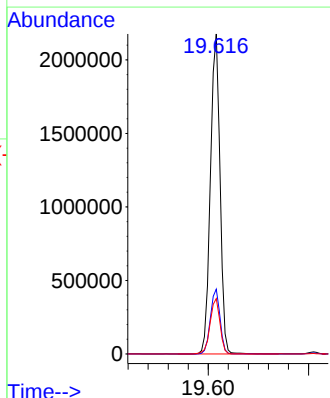
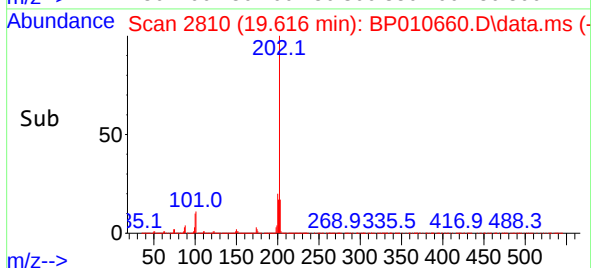
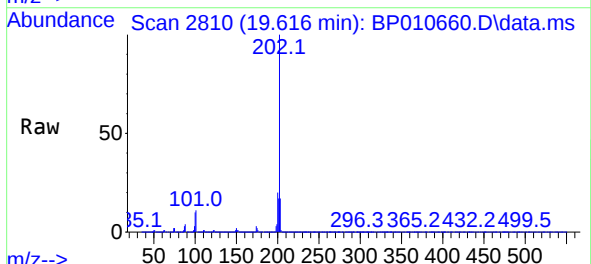
Manual Integrations
APPROVED

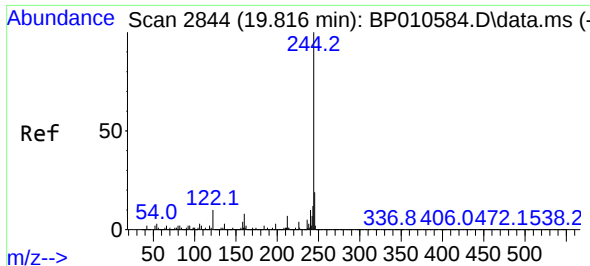
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#78
Pyrene
Concen: 48.409 ng
RT: 19.616 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:202 Resp: 2892172
Ion Ratio Lower Upper
202 100
200 20.2 16.3 24.5
203 17.3 14.2 21.4





#79
Terphenyl-d14
Concen: 97.317 ng
RT: 19.810 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

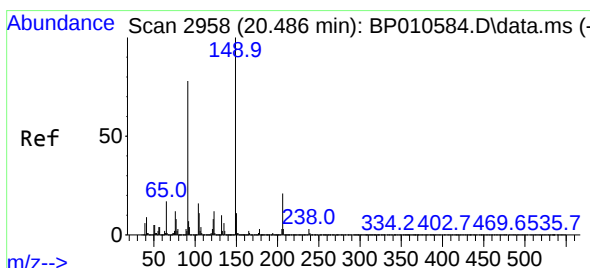
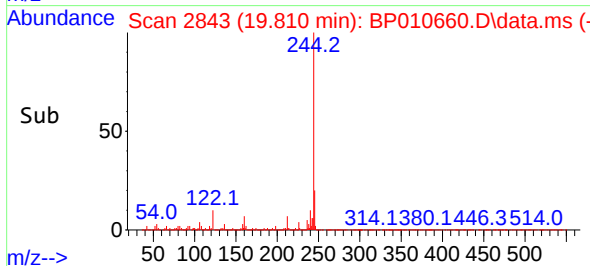
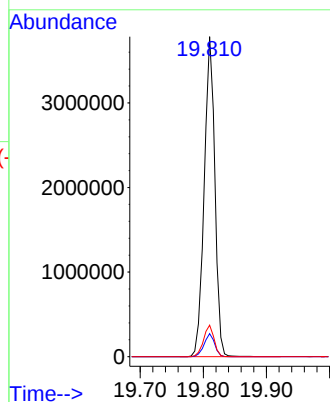
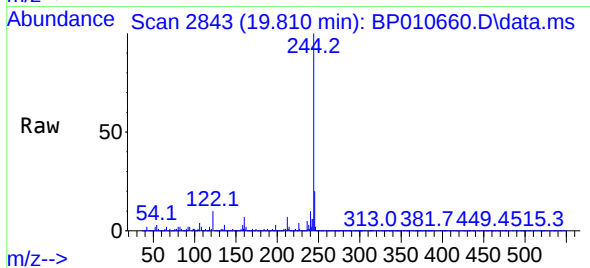
RBR-671MSD

Tgt Ion:244 Resp: 4441692
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.8 7.6 11.4

Manual Integrations

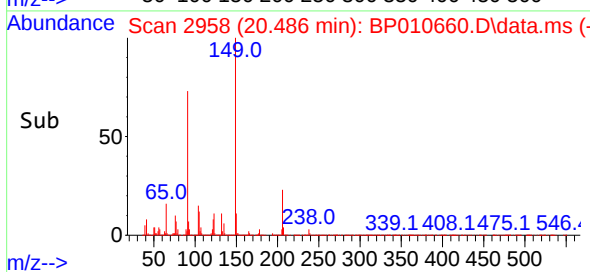
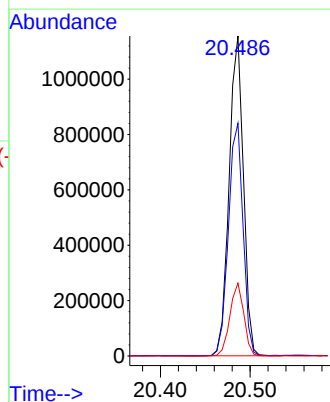
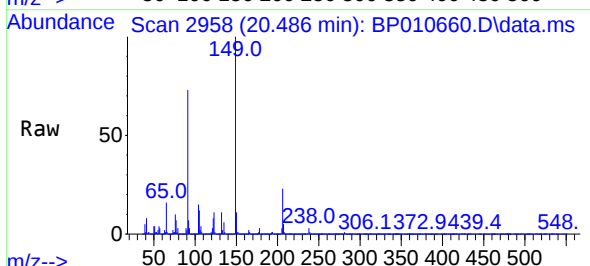
APPROVED

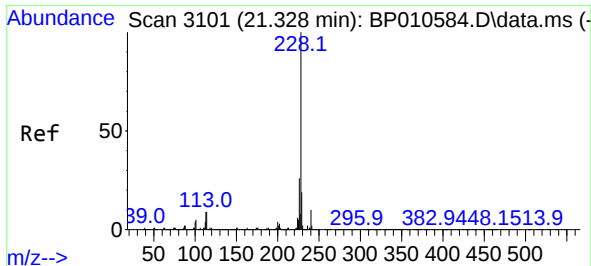
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#80
Butylbenzylphthalate
Concen: 54.308 ng
RT: 20.486 min Scan# 2958
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

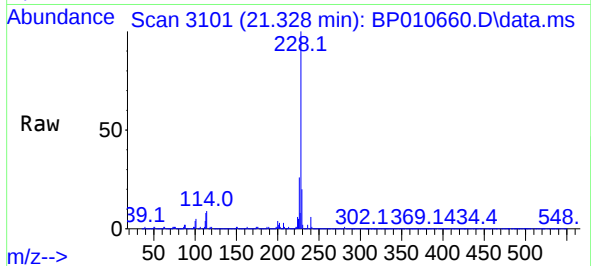
Tgt Ion:149 Resp: 1277877
Ion Ratio Lower Upper
149 100
91 72.7 62.5 93.7
206 22.7 17.0 25.4





#81
Benzo(a)anthracene
Concen: 53.201 ng
RT: 21.328 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

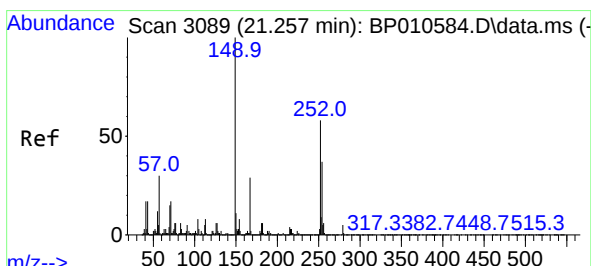
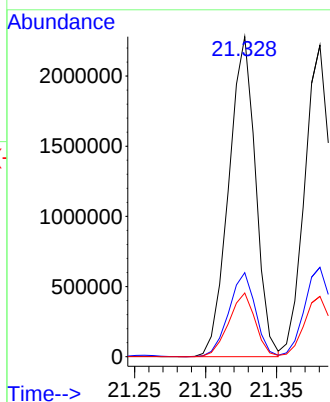
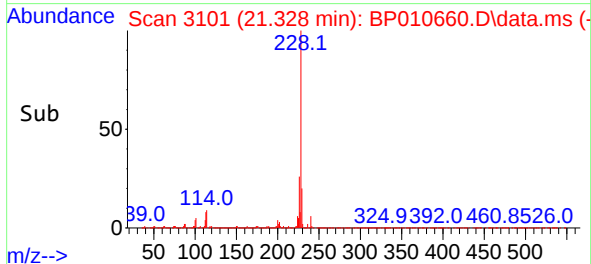
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



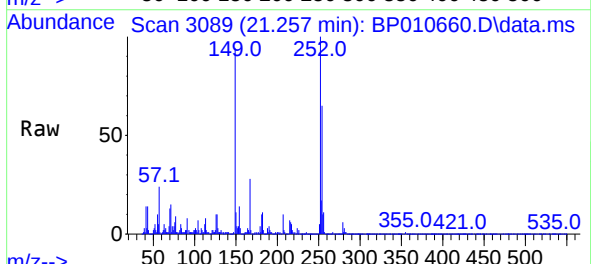
Tgt Ion:228 Resp: 299243
Ion Ratio Lower Upper
228 100
226 26.2 20.8 31.2
229 19.9 15.2 22.8

Manual Integrations
APPROVED

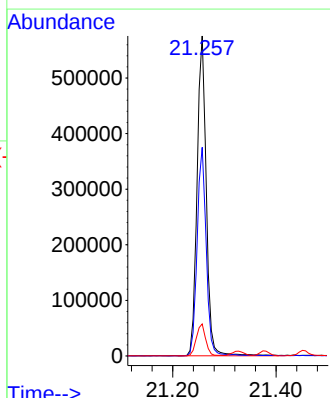
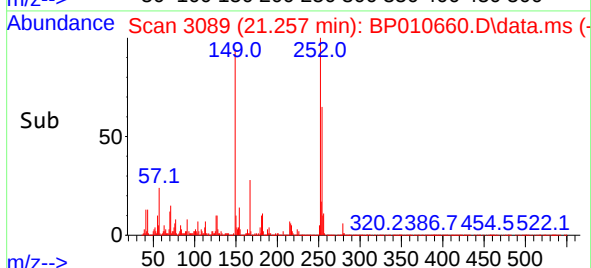
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022

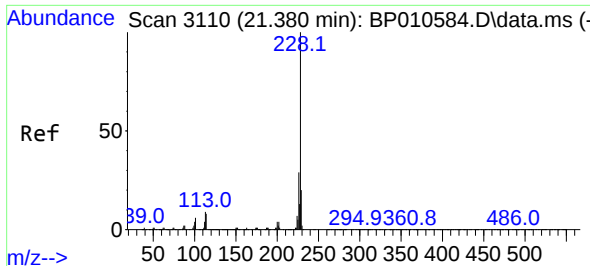


#82
3,3'-Dichlorobenzidine
Concen: 46.171 ng
RT: 21.257 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05



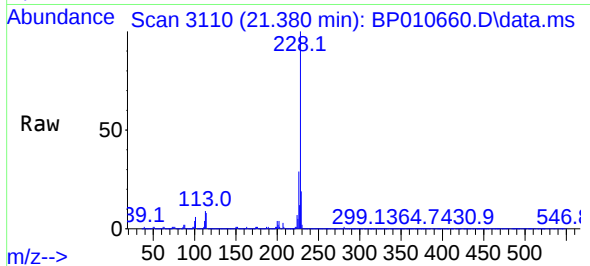
Tgt Ion:252 Resp: 712235
Ion Ratio Lower Upper
252 100
254 65.2 51.1 76.7
126 10.0 8.4 12.6





#83
Chrysene
Concen: 50.655 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

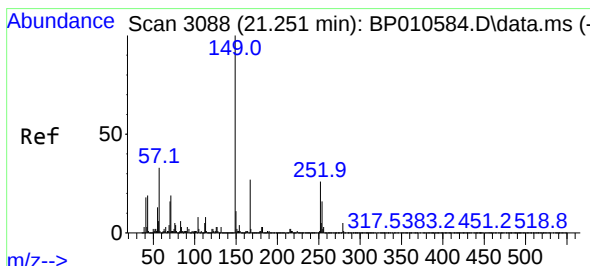
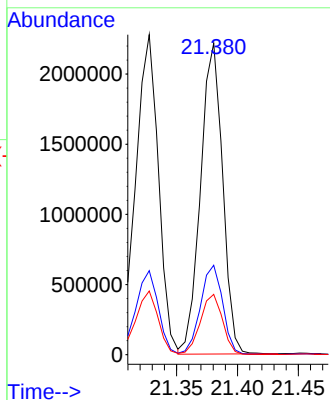
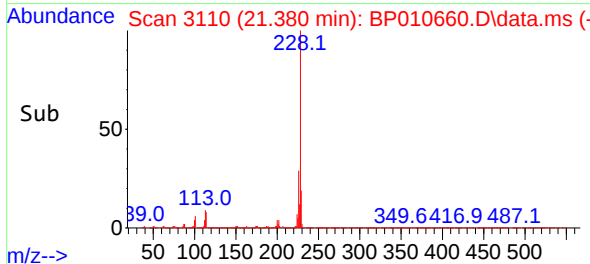
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



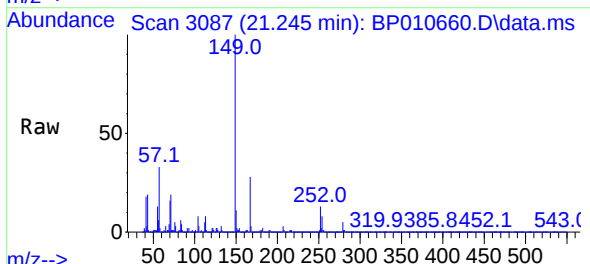
Tgt Ion:228 Resp: 2794680
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.2
229 19.4 15.7 23.5

Manual Integrations
APPROVED

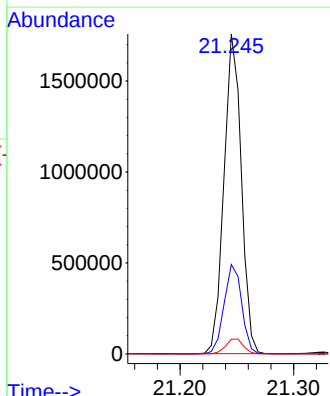
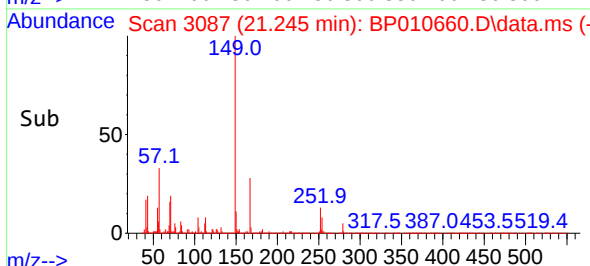
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022

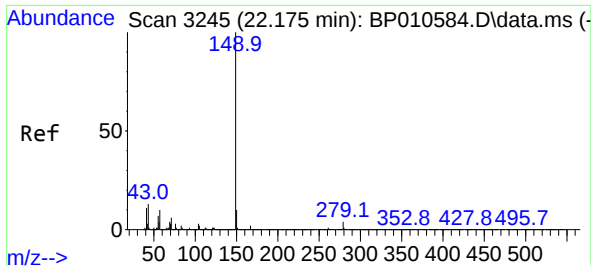


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.123 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05



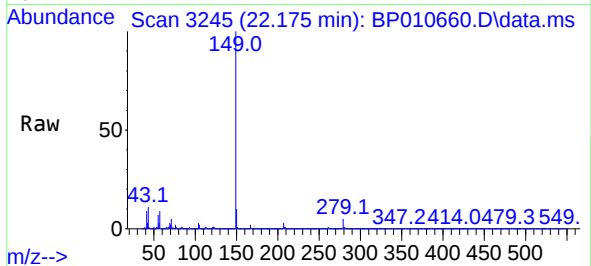
Tgt Ion:149 Resp: 1861473
Ion Ratio Lower Upper
149 100
167 27.9 21.8 32.8
279 4.6 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 60.016 ng
RT: 22.175 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

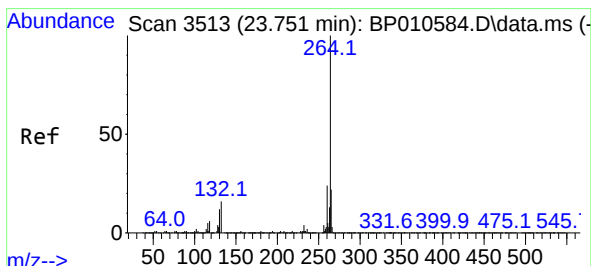
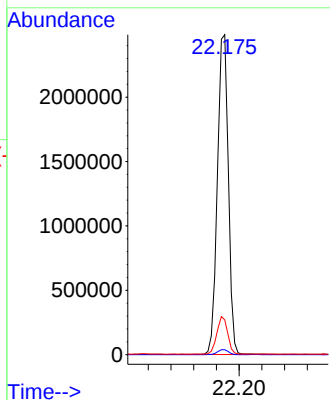
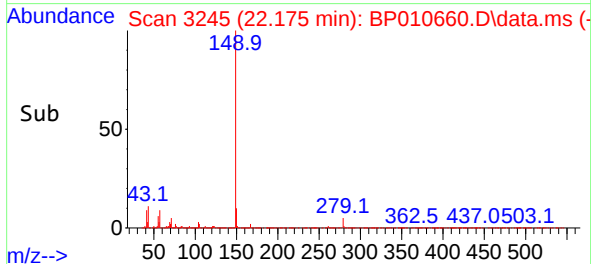
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



Tgt Ion:149 Resp: 3317308
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 10.0 15.0

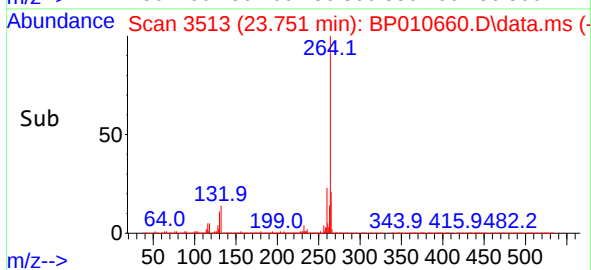
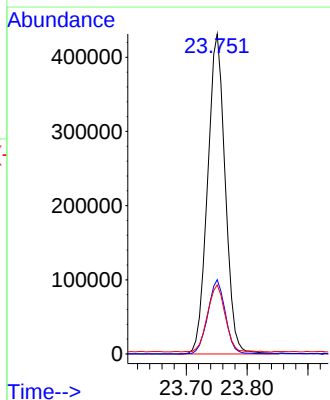
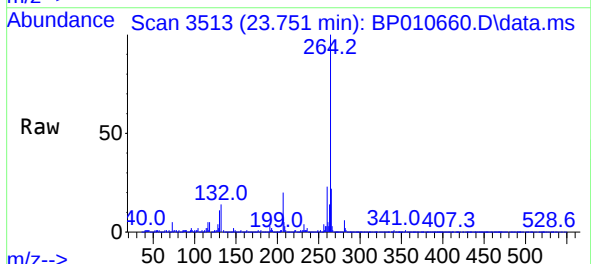
Manual Integrations
APPROVED

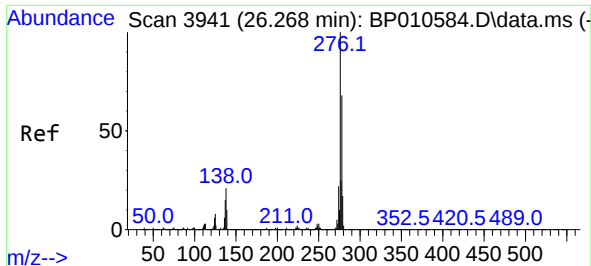
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:264 Resp: 866429
Ion Ratio Lower Upper
264 100
260 23.2 19.3 28.9
265 21.5 18.0 27.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.388 ng
RT: 26.274 min Scan# 3941
Delta R.T. 0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :

BNA_P

ClientSampleId :

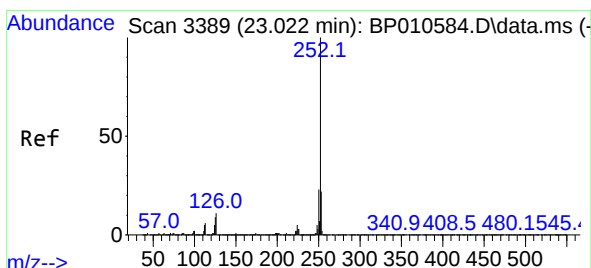
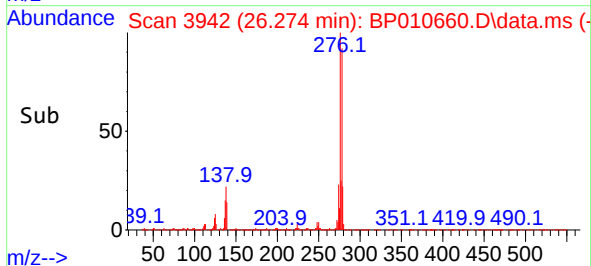
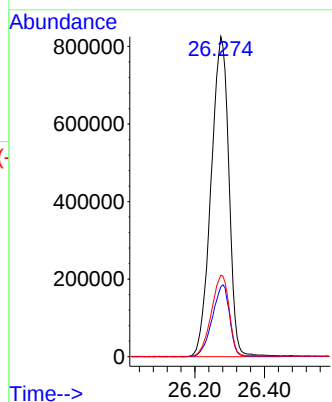
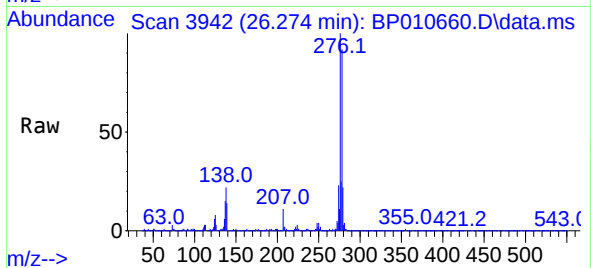
RBR-671MSD

Tgt Ion:276 Resp: 2929970
Ion Ratio Lower Upper
276 100
138 21.7 17.5 26.3
277 25.5 20.2 30.4

Manual Integrations

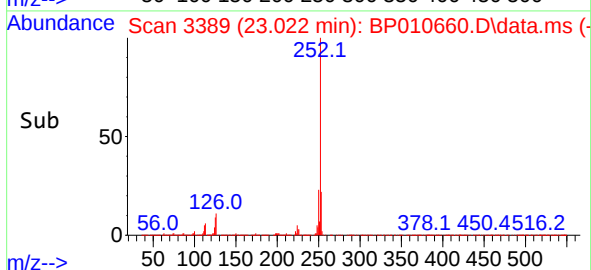
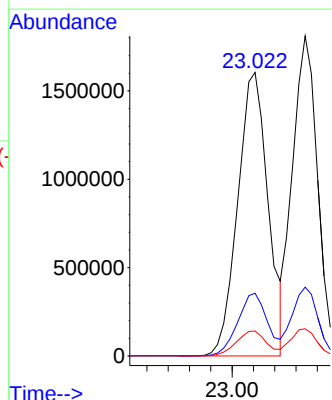
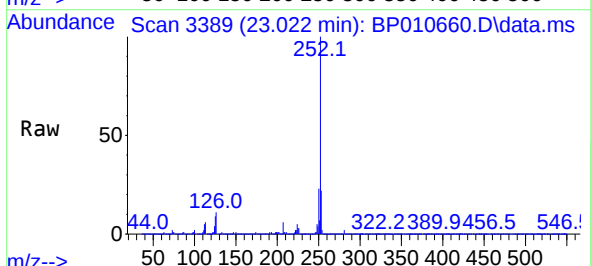
APPROVED

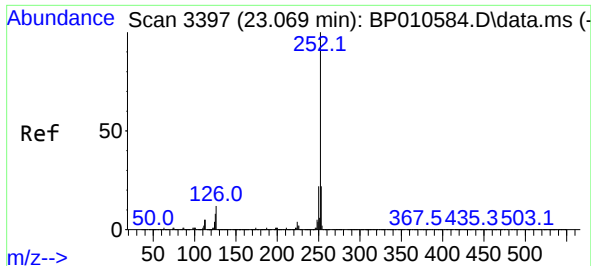
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#88
Benzo(b)fluoranthene
Concen: 58.217 ng
RT: 23.022 min Scan# 3389
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Tgt Ion:252 Resp: 3175824
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 8.8 7.0 10.6





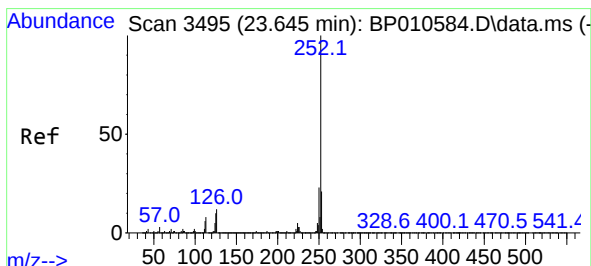
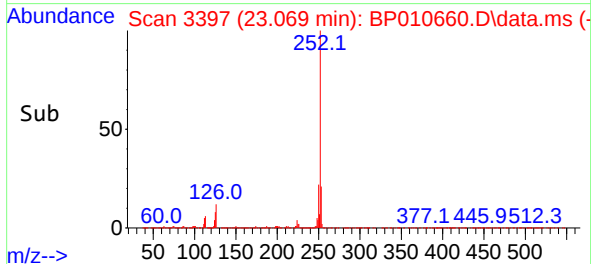
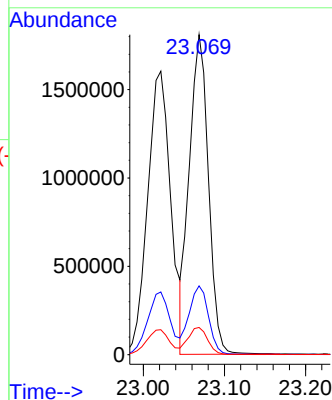
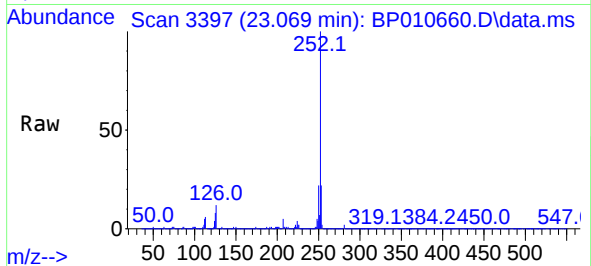
#89
Benzo(k)fluoranthene
Concen: 53.561 ng
RT: 23.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

Instrument :
BNA_P
ClientSampleId :
RBR-671MSD

Tgt Ion:252 Resp: 2961840
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 8.5 7.0 10.4

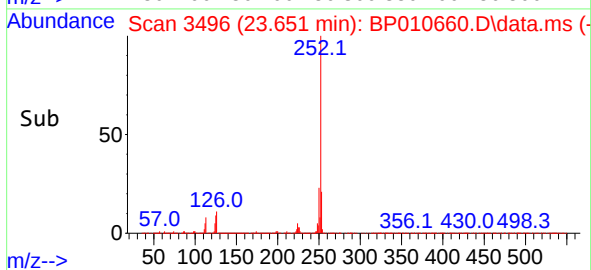
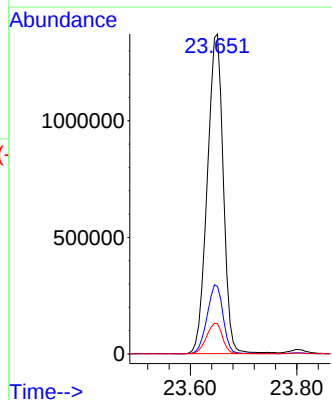
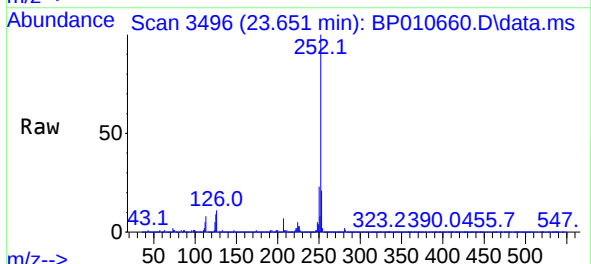
Manual Integrations
APPROVED

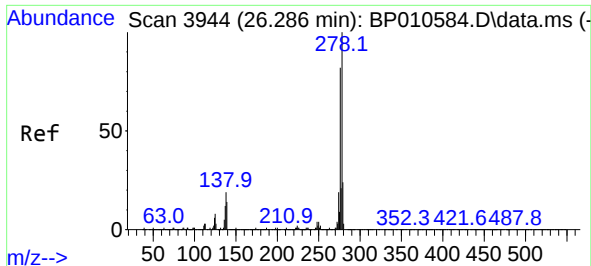
Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#90
Benzo(a)pyrene
Concen: 63.365 ng
RT: 23.651 min Scan# 3496
Delta R.T. 0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

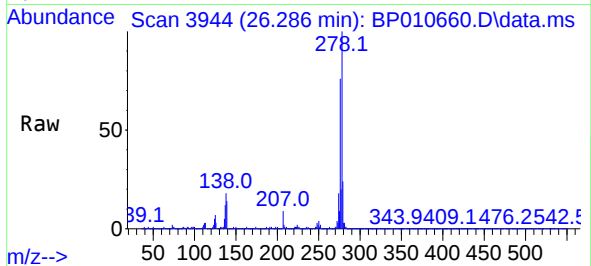
Tgt Ion:252 Resp: 2859269
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 9.5 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 50.152 ng
RT: 26.286 min Scan# 3944
Delta R.T. -0.000 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05

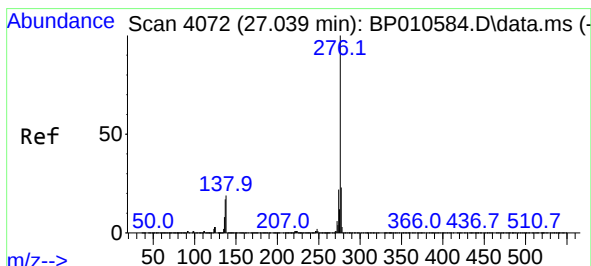
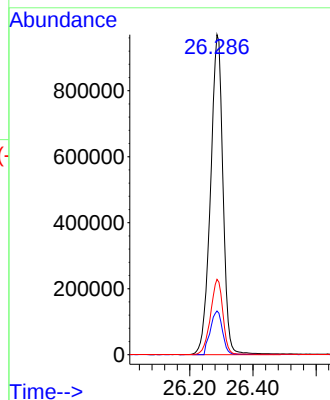
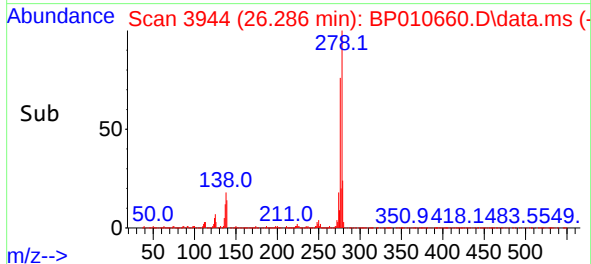
Instrument :
BNA_P
ClientSampleId :
RBR-671MSD



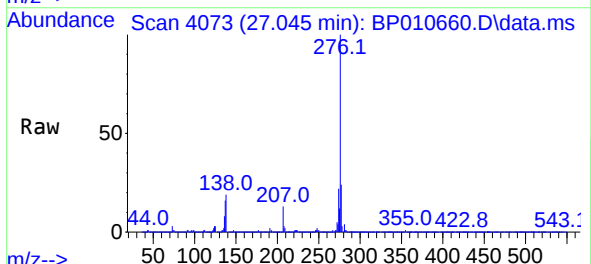
Tgt Ion:278 Resp: 264947
Ion Ratio Lower Upper
278 100
139 13.7 11.4 17.0
279 23.6 19.2 28.8

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022



#92
Benzo(g,h,i)perylene
Concen: 46.798 ng
RT: 27.045 min Scan# 4073
Delta R.T. 0.006 min
Lab File: BP010660.D
Acq: 01 Jun 2022 20:05



Tgt Ion:276 Resp: 2457869
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 18.7 15.2 22.8

