

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
 Data File : BP012634.D
 Acq On : 12 Nov 2022 23:39
 Operator : CG/JU
 Sample : N5502-02MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2182MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/14/2022
 Supervised By : Jagrut Upadhyay 11/14/2022

Quant Time: Nov 14 03:23:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 13 22:44:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	284708	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1212692	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	790932	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	1683976	20.000	ng	-0.01
76) Chrysene-d12	21.239	240	1671563	20.000	ng	0.00
86) Perylene-d12	23.580	264	1695861	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	2321629	151.841	ng	0.00
7) Phenol-d6	6.905	99	2899177	136.604	ng	0.00
23) Nitrobenzene-d5	8.887	82	2022375	92.520	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1670473	154.712	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	4545359	87.242	ng	-0.01
79) Terphenyl-d14	19.710	244	7299973	88.475	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	287922	43.894	ng	# 55
3) Pyridine	3.617	79	637282	33.329	ng	98
4) n-Nitrosodimethylamine	3.522	42	339208	47.925	ng	98
6) Aniline	7.052	93	709526	26.420	ng	98
8) 2-Chlorophenol	7.281	128	1031180	53.253	ng	100
9) Benzaldehyde	6.863	77	471124	35.194	ng	98
10) Phenol	6.928	94	1138939	47.501	ng	99
11) bis(2-Chloroethyl)ether	7.152	93	974228	49.136	ng	98
12) 1,3-Dichlorobenzene	7.599	146	947956	44.428	ng	99
13) 1,4-Dichlorobenzene	7.746	146	975039	44.649	ng	99
14) 1,2-Dichlorobenzene	8.058	146	957465	46.075	ng	99
15) Benzyl Alcohol	7.969	79	865314m	54.477	ng	
16) 2,2'-oxybis(1-Chloropr...	8.252	45	1185250	46.030	ng	100
17) 2-Methylphenol	8.175	107	854279	51.709	ng	99
18) Hexachloroethane	8.781	117	344956	44.171	ng	96
19) n-Nitroso-di-n-propyla...	8.534	70	738259	47.919	ng	99
20) 3+4-Methylphenols	8.505	107	1157376	49.844	ng	99
22) Acetophenone	8.552	105	1505545	49.850	ng	# 100
24) Nitrobenzene	8.928	77	1109999	48.777	ng	99
25) Isophorone	9.457	82	2137438	52.051	ng	100
26) 2-Nitrophenol	9.634	139	565801	51.801	ng	99
27) 2,4-Dimethylphenol	9.704	122	934544	57.271	ng	100
28) bis(2-Chloroethoxy)met...	9.934	93	1347045	52.941	ng	100
29) 2,4-Dichlorophenol	10.169	162	1018674	52.698	ng	98
30) 1,2,4-Trichlorobenzene	10.375	180	969897	46.299	ng	99
31) Naphthalene	10.557	128	3004564	45.606	ng	100
32) Benzoic acid	9.899	122	731140	44.088	ng	97
33) 4-Chloroaniline	10.693	127	413920	15.063	ng	99
34) Hexachlorobutadiene	10.834	225	587986	44.364	ng	100
35) Caprolactam	11.522	113	274085m	42.421	ng	
36) 4-Chloro-3-methylphenol	11.828	107	1125709	51.595	ng	99
37) 2-Methylnaphthalene	12.181	142	2206391	46.723	ng	99
38) 1-Methylnaphthalene	12.398	142	2104478	45.548	ng	99
40) 1,2,4,5-Tetrachloroben...	12.546	216	1170912	49.684	ng	99
41) Hexachlorocyclopentadiene	12.516	237	1284262	105.060	ng	99
43) 2,4,6-Trichlorophenol	12.798	196	839863	50.733	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	928574	50.252	ng	99
46) 1,1'-Biphenyl	13.198	154	2868686	48.976	ng	100
47) 2-Chloronaphthalene	13.240	162	2233771	48.589	ng	98
48) 2-Nitroaniline	13.469	65	724059	52.076	ng	99
49) Acenaphthylene	14.092	152	3546889	48.586	ng	100
50) Dimethylphthalate	13.845	163	2988293	47.809	ng	100
51) 2,6-Dinitrotoluene	13.969	165	672882	50.481	ng	98
52) Acenaphthene	14.434	154	2107939	47.438	ng	99
53) 3-Nitroaniline	14.304	138	474433	33.072	ng	98
54) 2,4-Dinitrophenol	14.516	184	807440	85.023	ng	98
55) Dibenzofuran	14.775	168	3312015	47.158	ng	100
56) 4-Nitrophenol	14.634	139	1096018	91.929	ng	97
57) 2,4-Dinitrotoluene	14.763	165	881989	51.342	ng	99
58) Fluorene	15.428	166	2578553	46.510	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	813190	47.782	ng	100
60) Diethylphthalate	15.210	149	2963345	47.359	ng	100
61) 4-Chlorophenyl-phenylether	15.422	204	1314337	47.828	ng	99
62) 4-Nitroaniline	15.475	138	645068	43.225	ng	97
63) Azobenzene	15.716	77	2669099	47.586	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	501220	43.808	ng	98
66) n-Nitrosodiphenylamine	15.645	169	2355630	47.423	ng	100
67) 4-Bromophenyl-phenylether	16.322	248	937962	49.549	ng	99
68) Hexachlorobenzene	16.428	284	1123144	49.706	ng	99
69) Atrazine	16.610	200	925365	53.426	ng	99
70) Pentachlorophenol	16.786	266	1403930	100.725	ng	98
71) Phenanthrene	17.181	178	4348252	46.842	ng	99
72) Anthracene	17.269	178	4373807	49.110	ng	100
73) Carbazole	17.551	167	4116665	49.360	ng	100
74) Di-n-butylphthalate	18.098	149	5215728	50.078	ng	100
75) Fluoranthene	19.157	202	5225127	48.029	ng	99
77) Benzidine	19.345	184	386535	10.481	ng	99
78) Pyrene	19.510	202	5390062	46.742	ng	100
80) Butylbenzylphthalate	20.386	149	2443293	50.027	ng	99
81) Benzo(a)anthracene	21.222	228	5212226	46.633	ng	100
82) 3,3'-Dichlorobenzidine	21.163	252	1477139	38.701	ng	99
83) Chrysene	21.274	228	4864098	45.657	ng	99
84) Bis(2-ethylhexyl)phtha...	21.145	149	3414498	51.117	ng	100
85) Di-n-octyl phthalate	22.051	149	5874103	52.131	ng	99
87) Indeno(1,2,3-cd)pyrene	26.015	276	5814963	48.387	ng	99
88) Benzo(b)fluoranthene	22.869	252	5716275	52.394	ng	99
89) Benzo(k)fluoranthene	22.916	252	5245111	49.271	ng	99
90) Benzo(a)pyrene	23.480	252	4752186	53.340	ng	99
91) Dibenzo(a,h)anthracene	26.027	278	5006708	49.843	ng	99
92) Benzo(g,h,i)perylene	26.762	276	4878414	49.737	ng	99

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

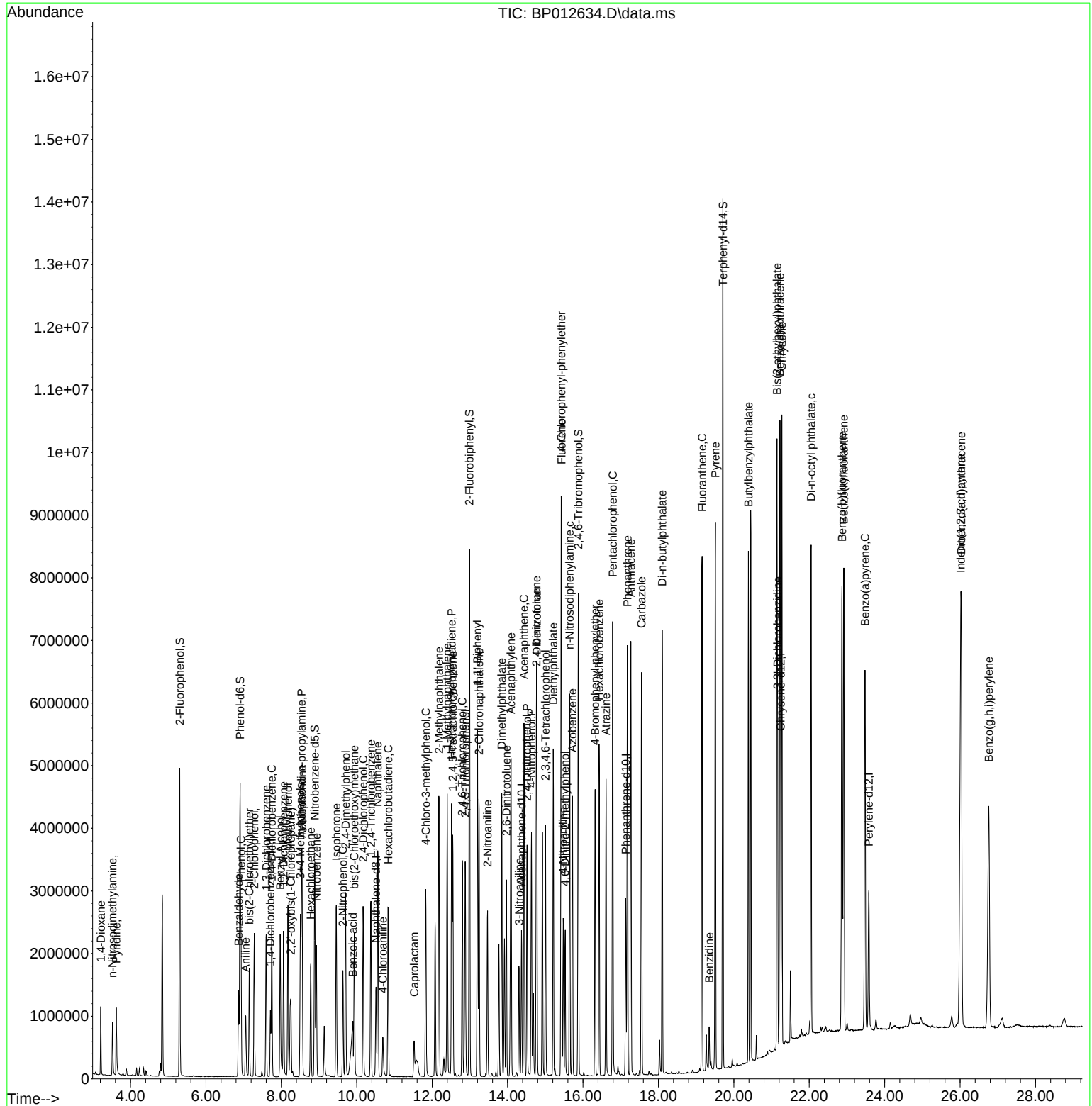
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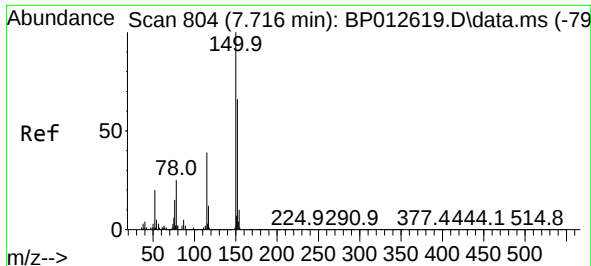
Instrument :
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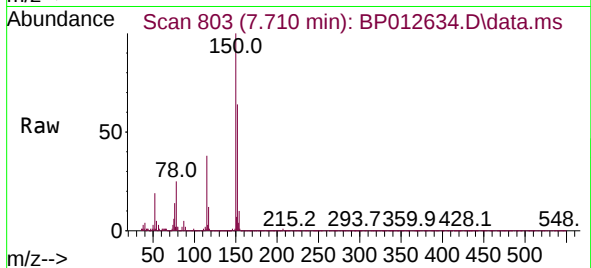
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

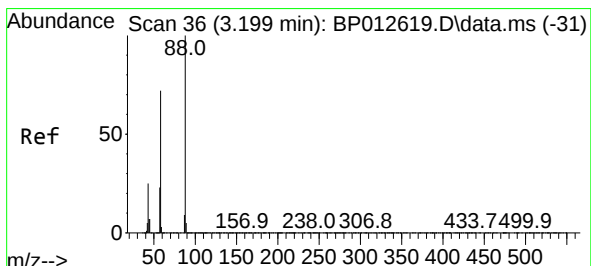
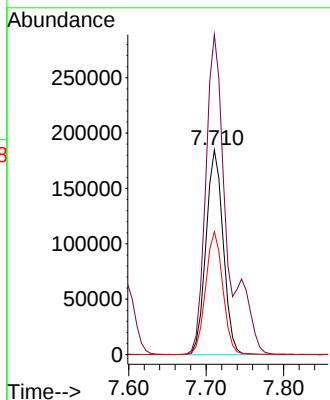
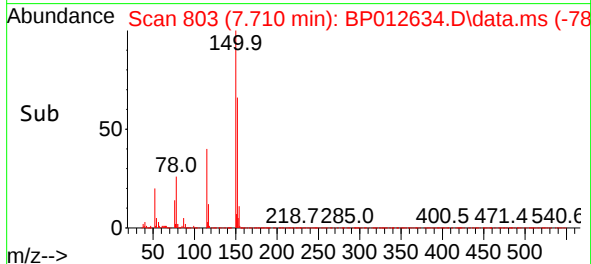
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion:152 Resp: 284708
Ion Ratio Lower Upper
152 100
150 156.5 122.1 183.1
115 60.1 47.3 70.9

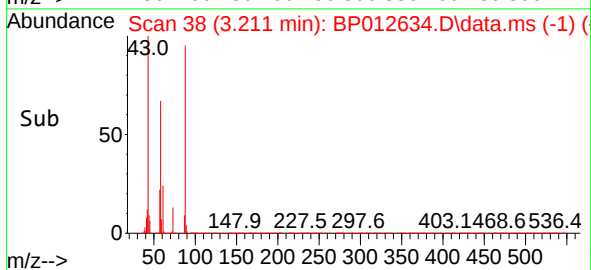
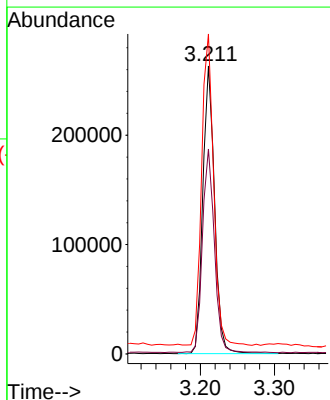
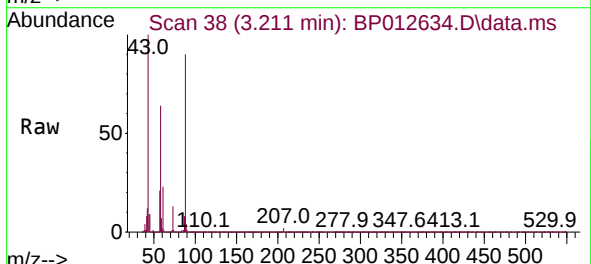
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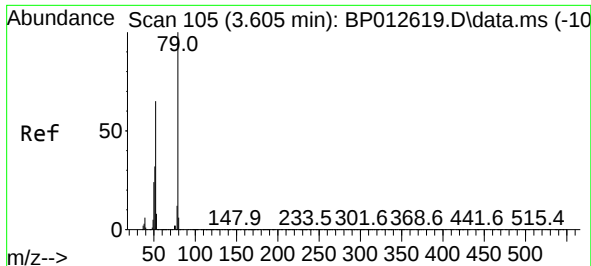
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#2
1,4-Dioxane
Concen: 43.894 ng
RT: 3.211 min Scan# 38
Delta R.T. 0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

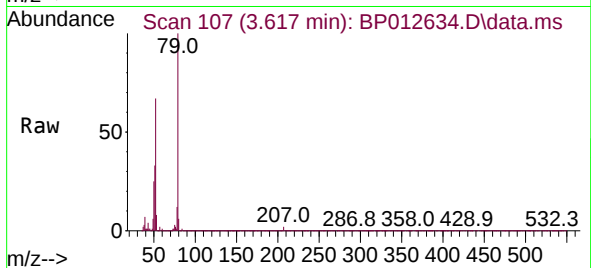
Tgt Ion: 88 Resp: 287922
Ion Ratio Lower Upper
88 100
58 72.3 57.0 85.6
43 110.5 19.5 29.3





#3
Pyridine
Concen: 33.329 ng
RT: 3.617 min Scan# 10
Delta R.T. 0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

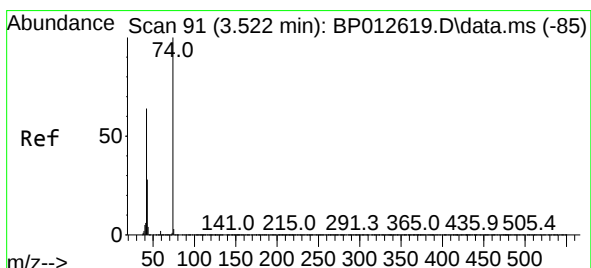
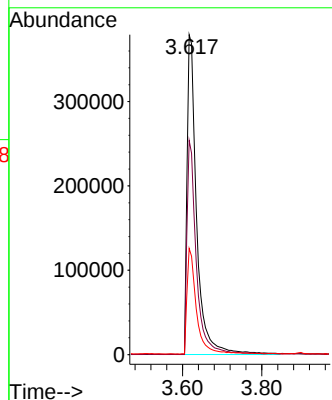
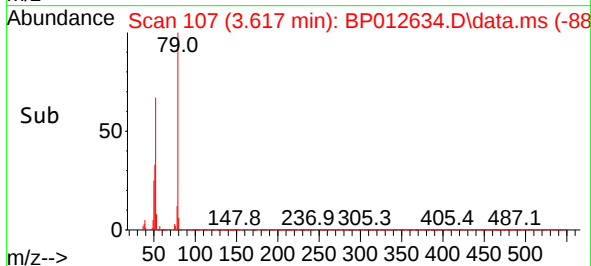
Instrument :
BNA_P
ClientSampleId :
2182MSD



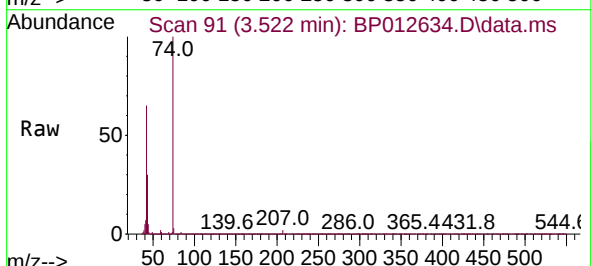
Tgt Ion: 79 Resp: 637282
Ion Ratio Lower Upper
79 100
52 66.9 52.2 78.4
51 33.2 26.2 39.2

Manual Integrations
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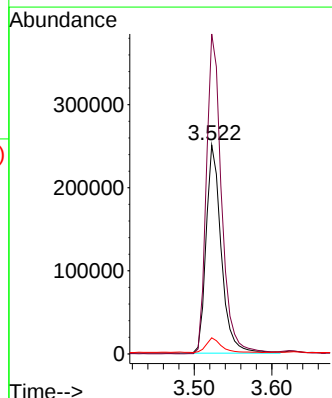
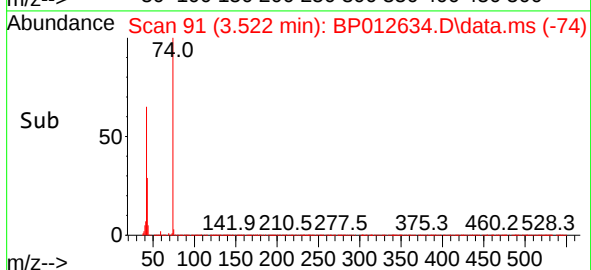
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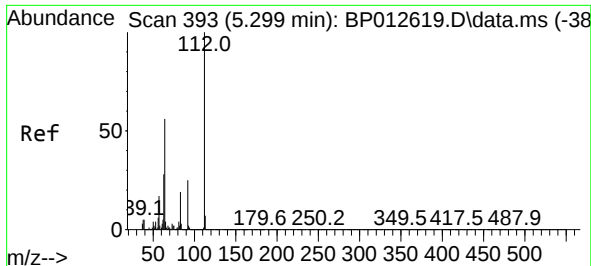


#4
n-Nitrosodimethylamine
Concen: 47.925 ng
RT: 3.522 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39



Tgt Ion: 42 Resp: 339208
Ion Ratio Lower Upper
42 100
74 153.2 125.1 187.7
44 7.7 5.9 8.9





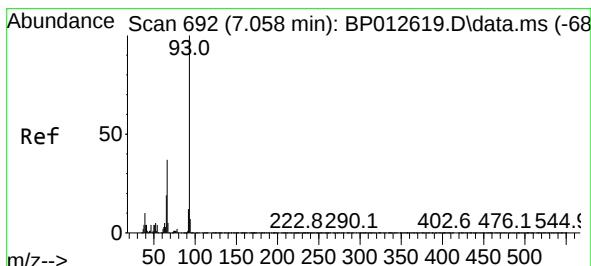
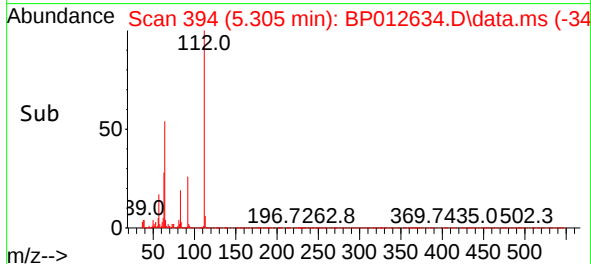
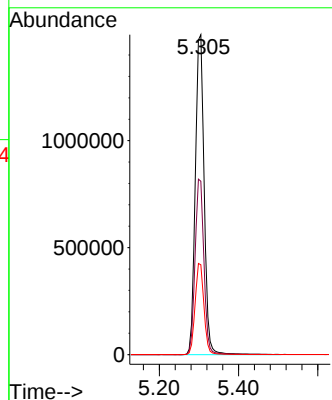
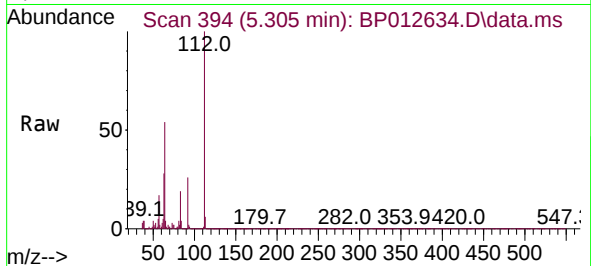
#5
2-Fluorophenol
Concen: 151.841 ng
RT: 5.305 min Scan# 394
Delta R.T. 0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Instrument :
BNA_P
ClientSampleId :
2182MSD

Tgt Ion:112 Resp: 2321629
Ion Ratio Lower Upper
112 100
64 54.2 44.6 67.0
63 28.1 22.8 34.2

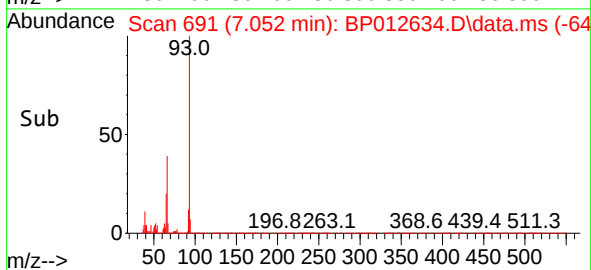
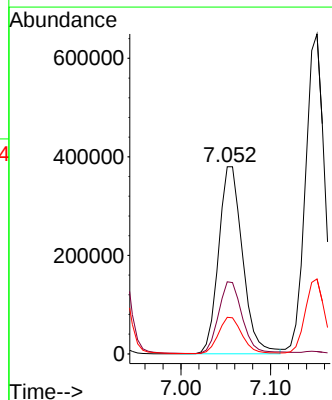
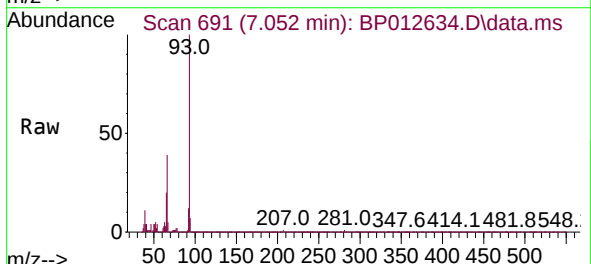
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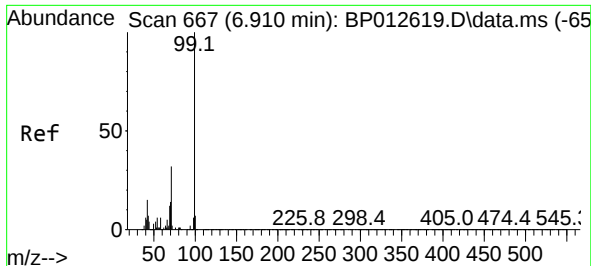
Reviewed By :Christian Giraldo 11/14/2022
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#6
Aniline
Concen: 26.420 ng
RT: 7.052 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

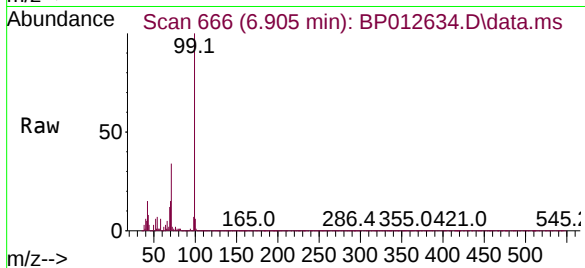
Tgt Ion: 93 Resp: 709526
Ion Ratio Lower Upper
93 100
66 38.6 29.8 44.6
65 19.6 15.4 23.2





#7
Phenol-d6
Concen: 136.604 ng
RT: 6.905 min Scan# 60
Delta R.T. -0.005 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

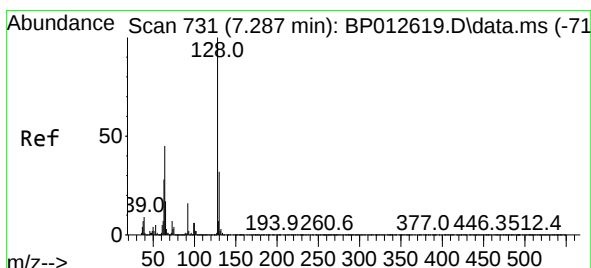
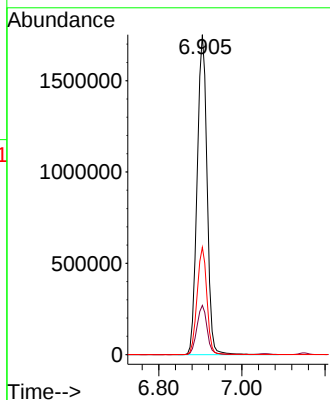
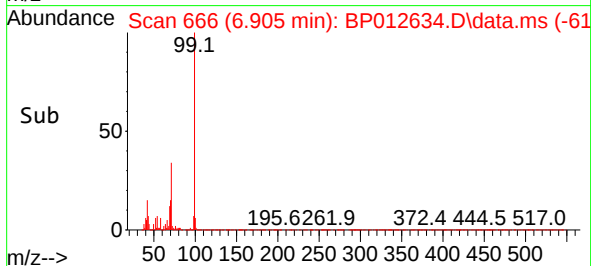
Instrument :
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Tgt Ion: 99 Resp: 289917
Ion Ratio Lower Upper
99 100
42 15.4 12.2 18.2
71 33.5 26.0 39.0

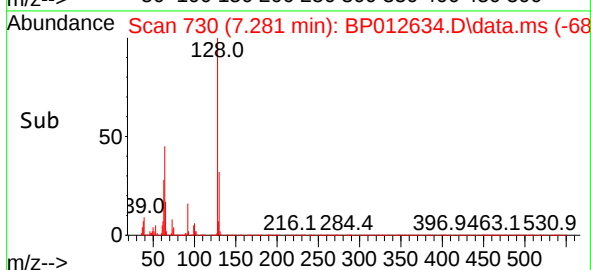
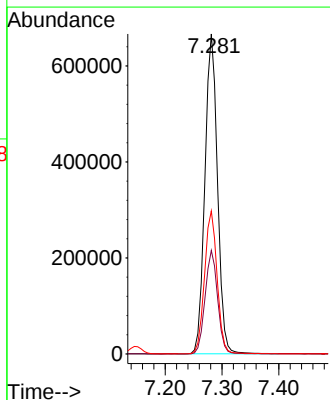
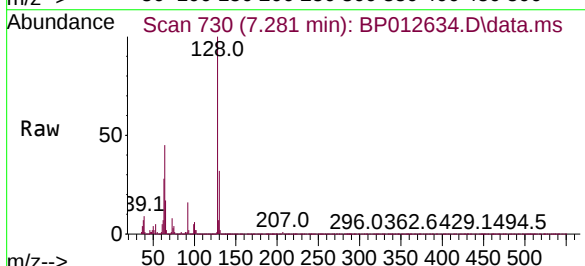
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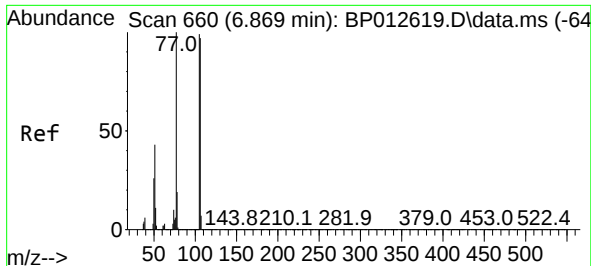
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#8
2-Chlorophenol
Concen: 53.253 ng
RT: 7.281 min Scan# 730
Delta R.T. -0.006 min
Lab File: BP012634.D
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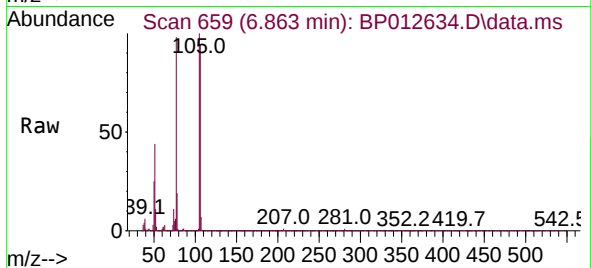
Tgt Ion:128 Resp: 1031180
Ion Ratio Lower Upper
128 100
130 32.3 11.9 51.9
64 44.7 24.6 64.6





#9
Benzaldehyde
Concen: 35.194 ng
RT: 6.863 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

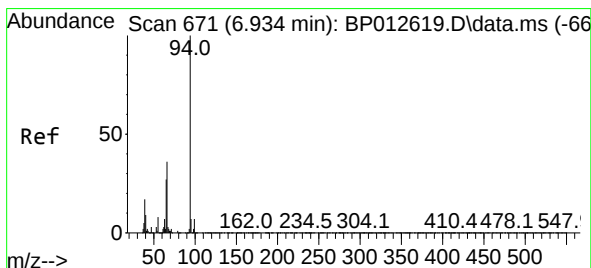
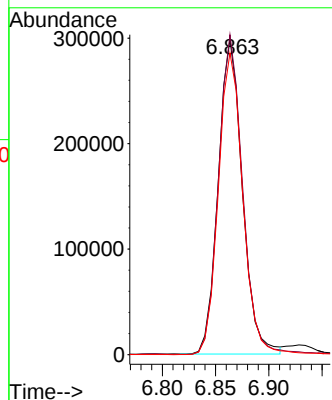
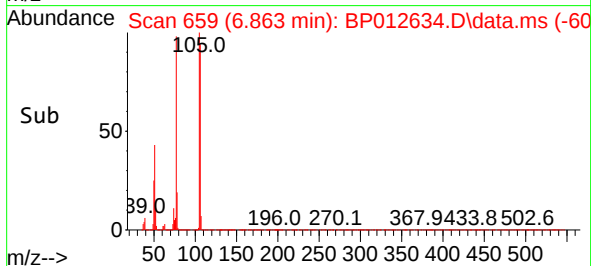
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ClientSampleId :
2182MSD



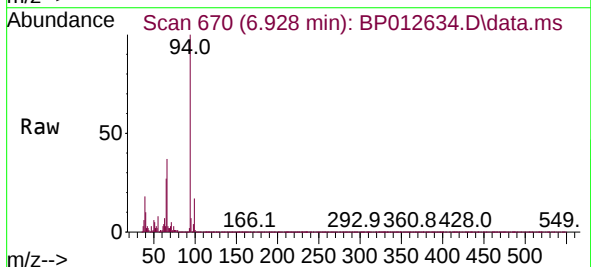
Tgt Ion: 77 Resp: 471124
Ion Ratio Lower Upper
77 100
105 101.7 79.5 119.5
106 95.8 76.9 116.9

Manual Integrations
APPROVED

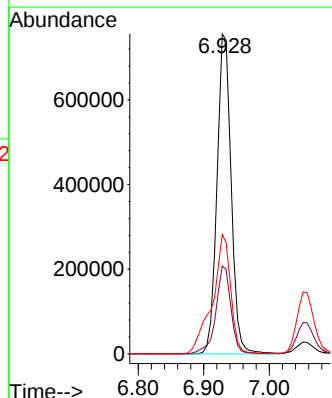
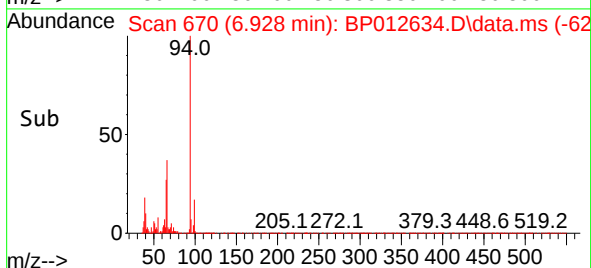
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

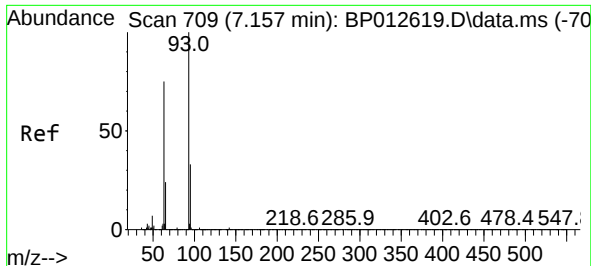


#10
Phenol
Concen: 47.501 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39



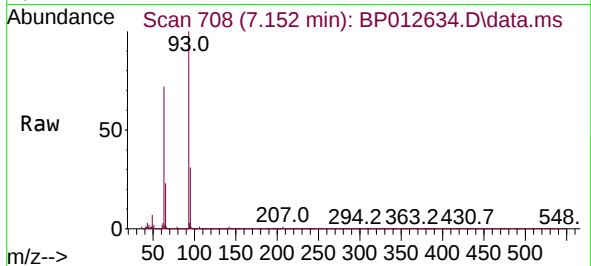
Tgt Ion: 94 Resp: 1138939
Ion Ratio Lower Upper
94 100
65 27.5 7.5 47.5
66 37.3 16.3 56.3





#11
bis(2-Chloroethyl)ether
Concen: 49.136 ng
RT: 7.152 min Scan# 709
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

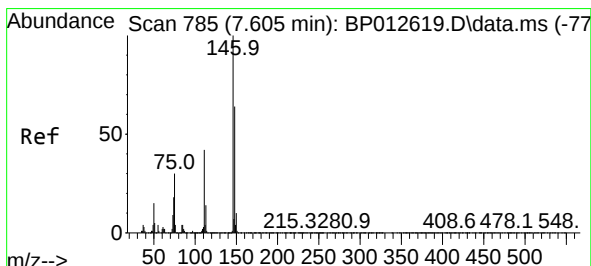
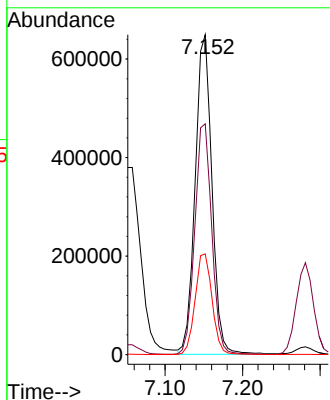
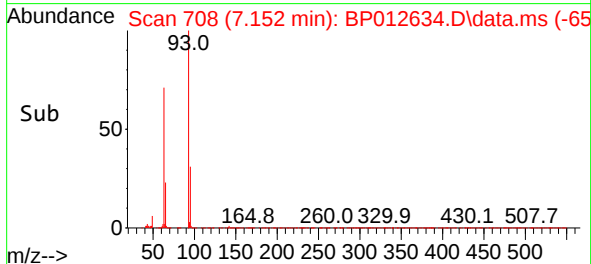
Instrument :
BNA_P
Client SampleId :
2182MSD



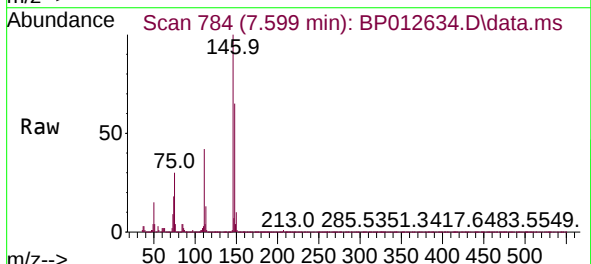
Tgt Ion: 93 Resp: 974228
Ion Ratio Lower Upper
93 100
63 72.1 54.2 94.2
95 31.5 12.9 52.9

Manual Integrations
APPROVED

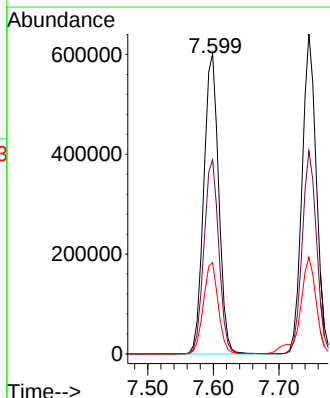
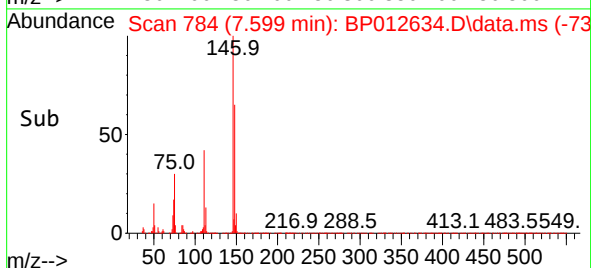
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

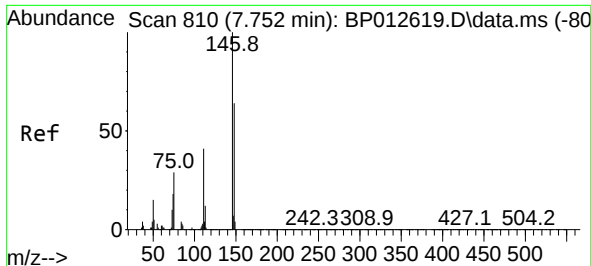


#12
1,3-Dichlorobenzene
Concen: 44.428 ng
RT: 7.599 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39



Tgt Ion:146 Resp: 947956
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 30.4 23.7 35.5





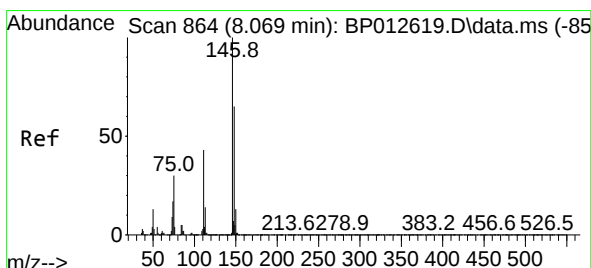
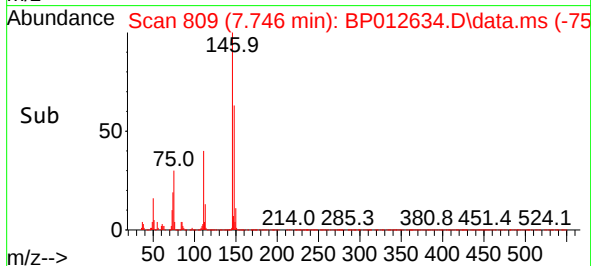
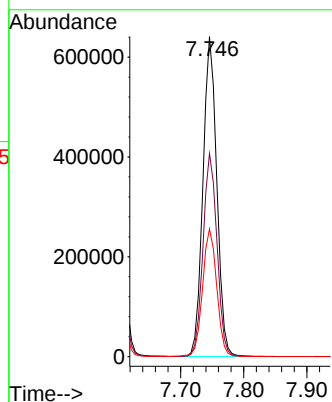
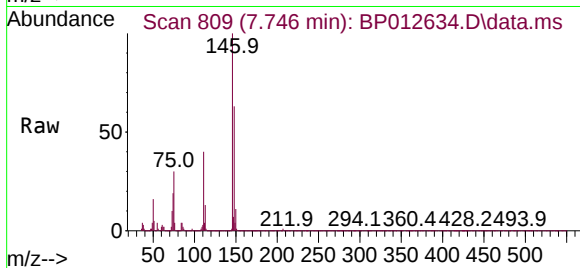
#13
1,4-Dichlorobenzene
Concen: 44.649 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Instrument :
BNA_P
ClientSampleId :
2182MSD

Tgt Ion:146 Resp: 975039
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
111 39.9 32.8 49.2

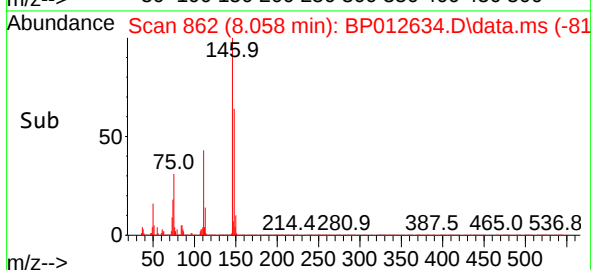
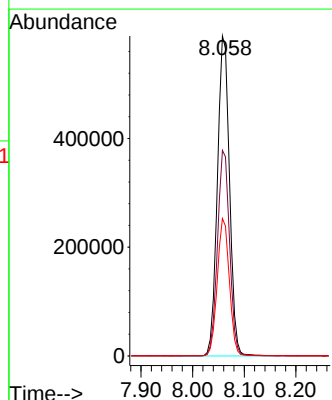
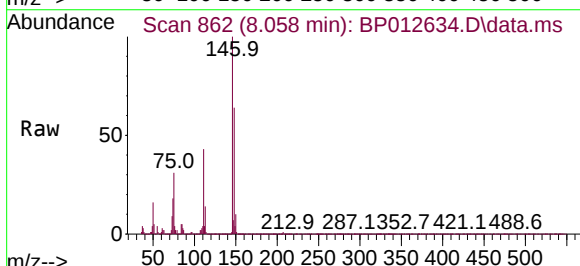
Manual Integrations
APPROVED

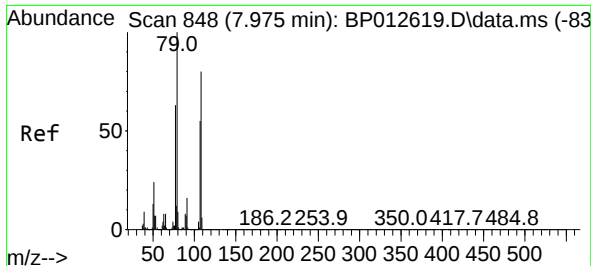
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#14
1,2-Dichlorobenzene
Concen: 46.075 ng
RT: 8.058 min Scan# 862
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

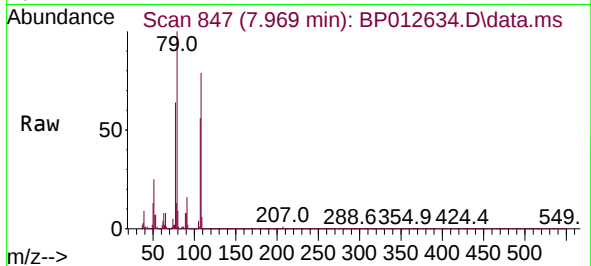
Tgt Ion:146 Resp: 957465
Ion Ratio Lower Upper
146 100
148 64.3 52.1 78.1
111 42.9 34.2 51.2





#15
Benzyl Alcohol
Concen: 54.477 ng m
RT: 7.969 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

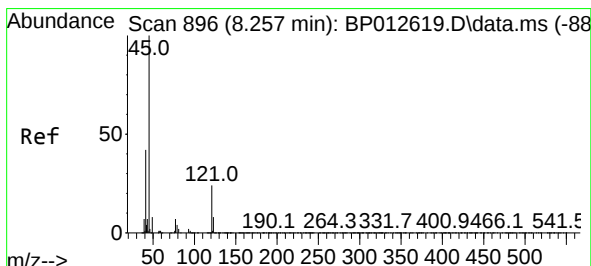
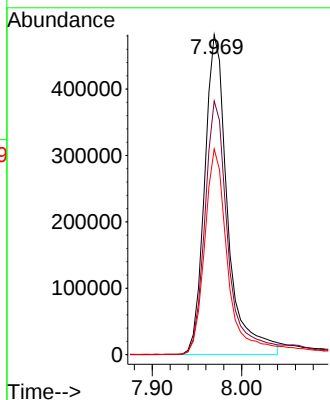
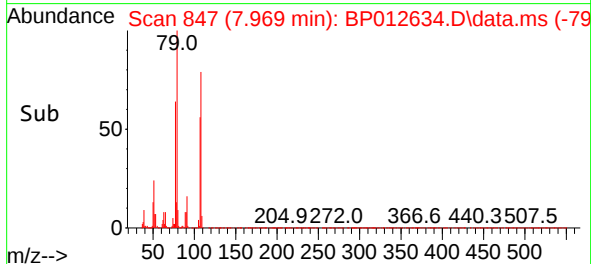
Instrument :
BNA_P
ClientSampleId :
2182MSD



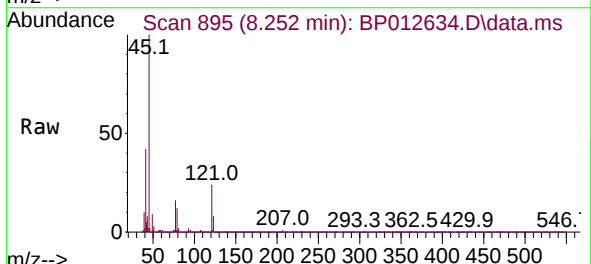
Tgt Ion: 79 Resp: 865314
Ion Ratio Lower Upper
79 100
108 79.3 63.7 95.5
77 64.3 50.2 75.4

Manual Integrations
APPROVED

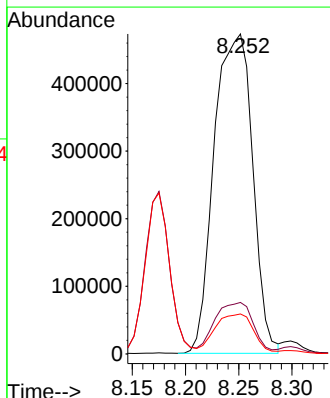
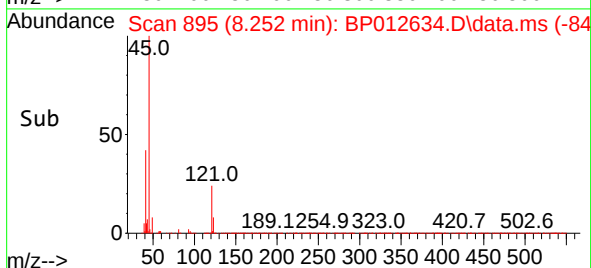
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

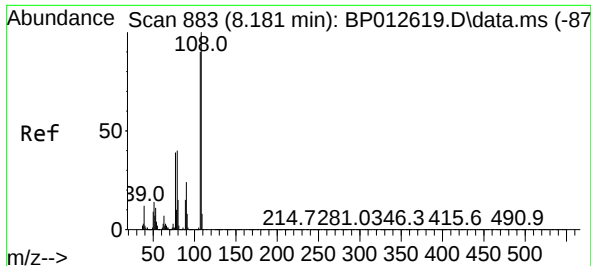


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.030 ng
RT: 8.252 min Scan# 895
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39



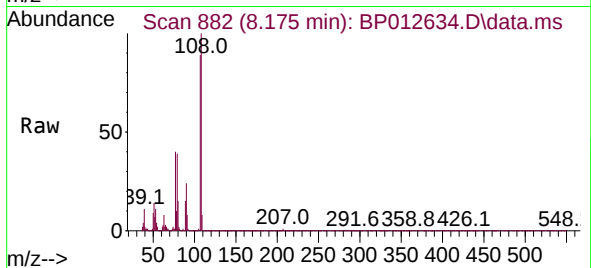
Tgt Ion: 45 Resp: 1185250
Ion Ratio Lower Upper
45 100
77 16.1 0.0 36.1
79 12.5 0.0 32.6





#17
2-Methylphenol
Concen: 51.709 ng
RT: 8.175 min Scan# 881
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

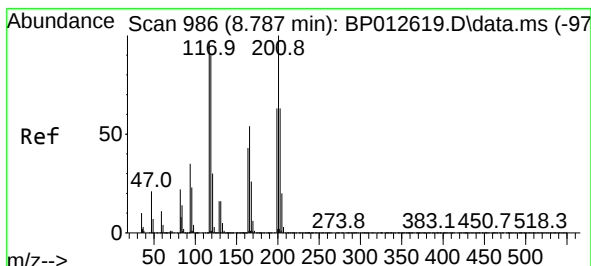
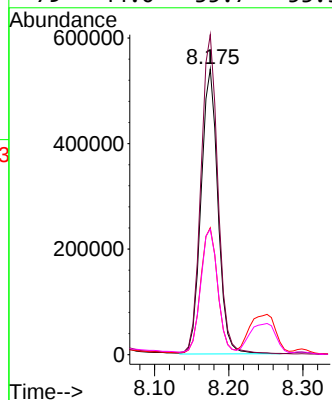
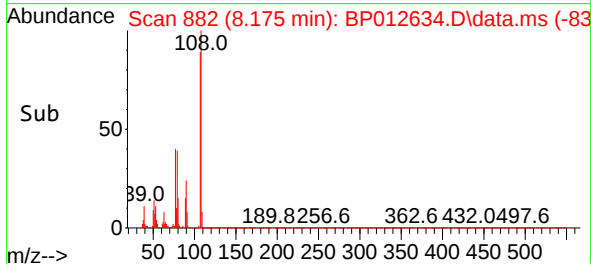
Instrument :
BNA_P
ClientSampleId :
2182MSD



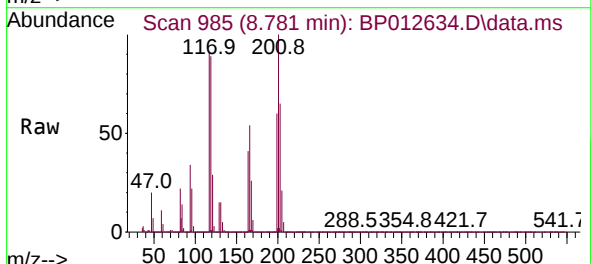
Tgt Ion:107 Resp: 854279
Ion Ratio Lower Upper
107 100
108 112.0 89.0 133.4
77 44.4 35.3 52.9
79 44.0 35.7 53.5

Manual Integrations
APPROVED

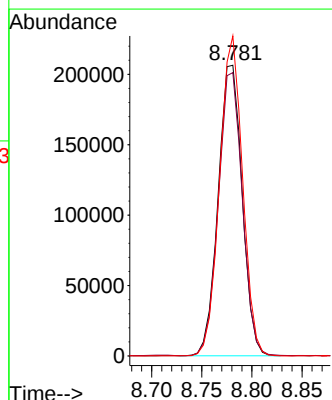
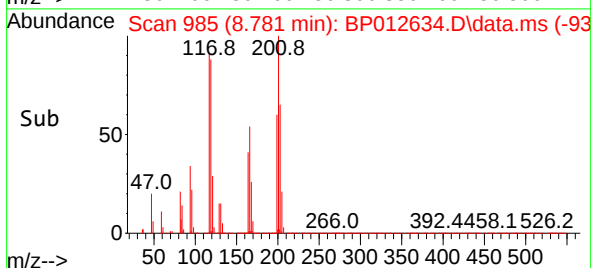
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

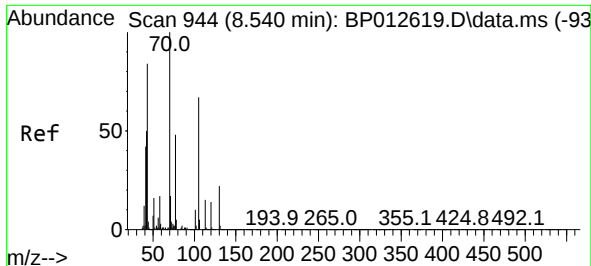


#18
Hexachloroethane
Concen: 44.171 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39



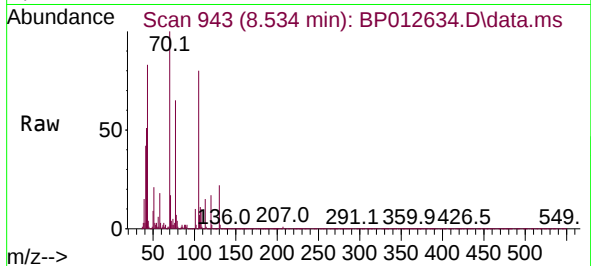
Tgt Ion:117 Resp: 344956
Ion Ratio Lower Upper
117 100
119 97.5 75.6 113.4
201 110.1 83.5 125.3





#19
n-Nitroso-di-n-propylamine
Concen: 47.919 ng
RT: 8.534 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

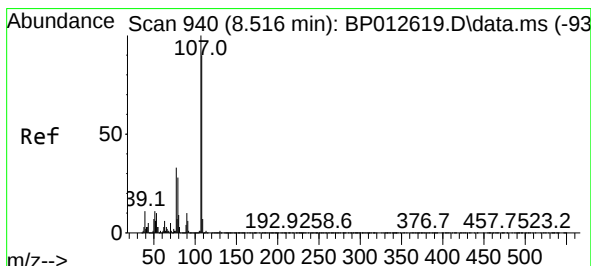
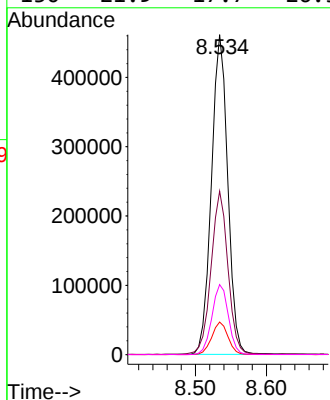
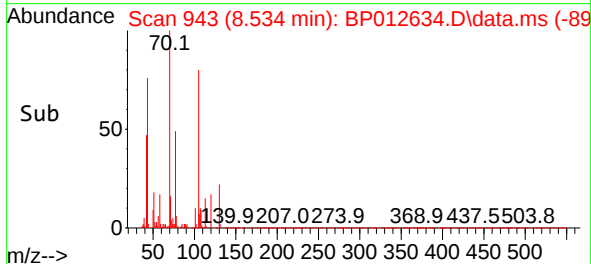
Instrument :
BNA_P
ClientSampleId :
2182MSD



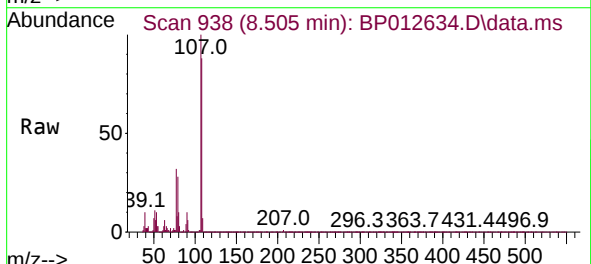
Tgt Ion: 70 Resp: 738259
Ion Ratio Lower Upper
70 100
42 51.1 40.4 60.6
101 10.2 8.2 12.2
130 21.9 17.7 26.5

Manual Integrations
APPROVED

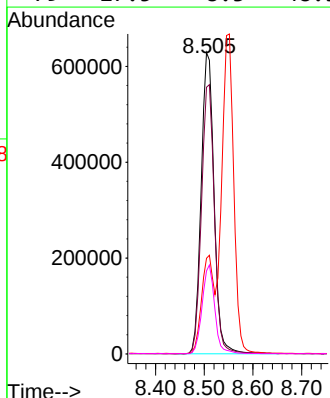
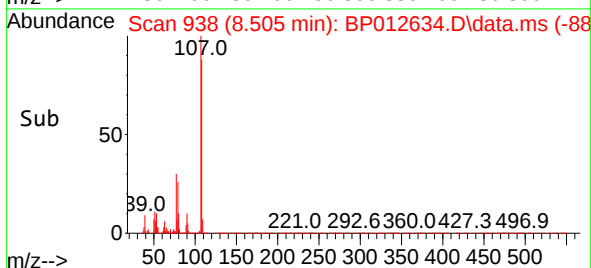
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

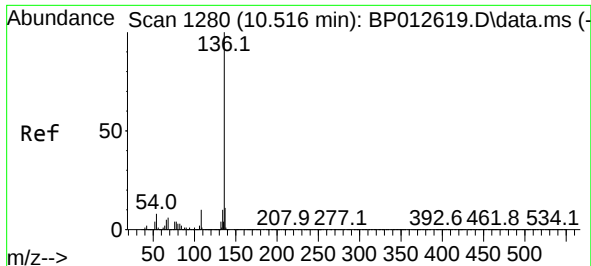


#20
3+4-Methylphenols
Concen: 49.844 ng
RT: 8.505 min Scan# 938
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39



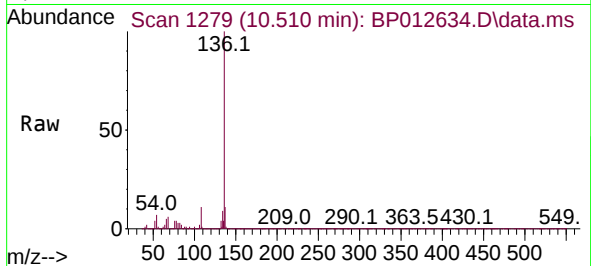
Tgt Ion:107 Resp: 1157376
Ion Ratio Lower Upper
107 100
108 88.5 69.5 109.5
77 31.8 12.9 52.9
79 27.5 8.3 48.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

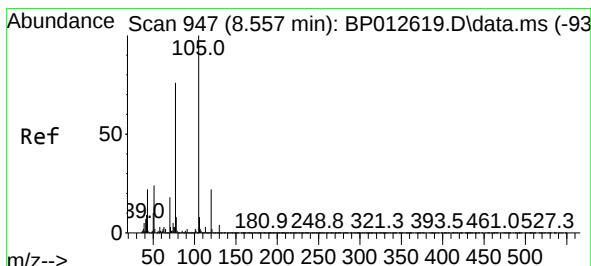
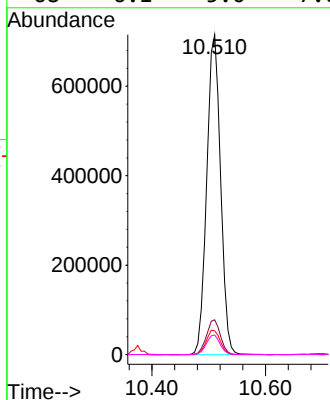
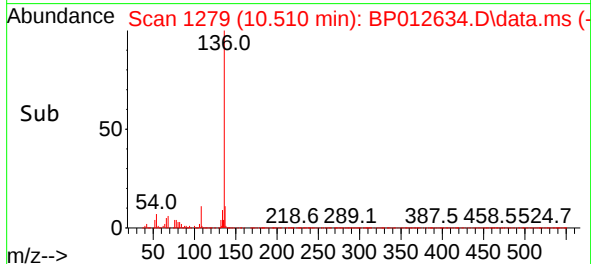
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion:136 Resp: 1212692
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.4 6.4 9.6
68 6.1 5.0 7.6

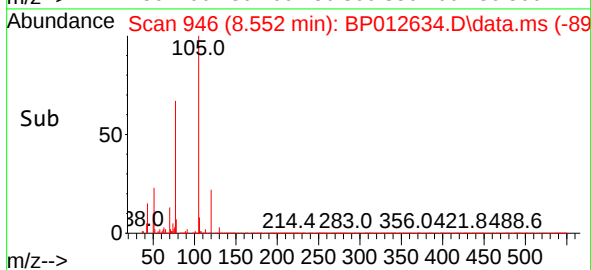
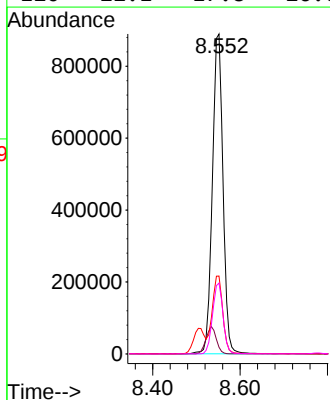
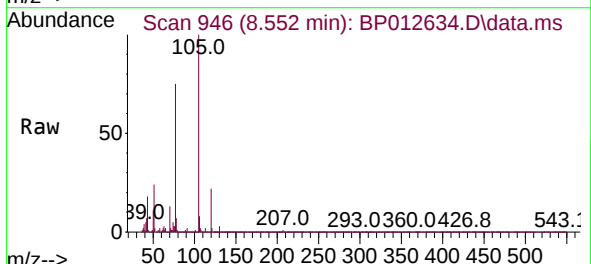
Manual Integrations
APPROVED

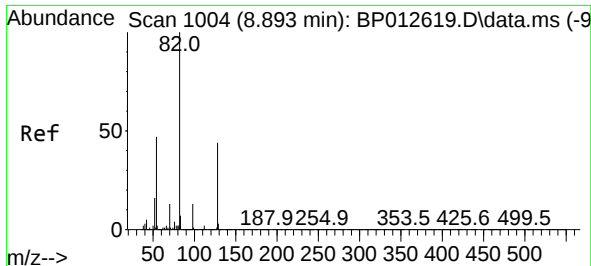
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#22
Acetophenone
Concen: 49.850 ng
RT: 8.552 min Scan# 946
Delta R.T. -0.005 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

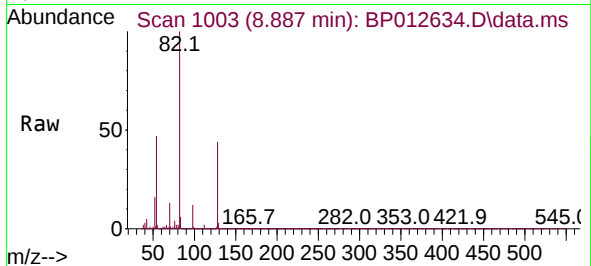
Tgt Ion:105 Resp: 1505545
Ion Ratio Lower Upper
105 100
71 2.1 2.4 3.6#
51 24.3 19.4 29.2
120 22.1 17.8 26.6





#23
Nitrobenzene-d5
Concen: 92.520 ng
RT: 8.887 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

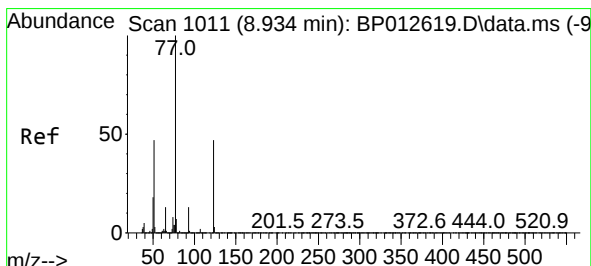
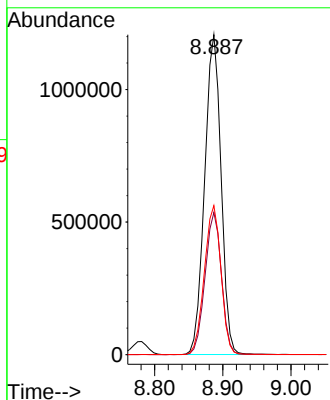
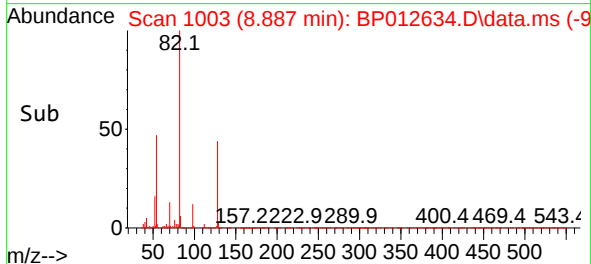
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion: 82 Resp: 2022375
Ion Ratio Lower Upper
82 100
128 44.4 35.4 53.2
54 46.6 37.8 56.6

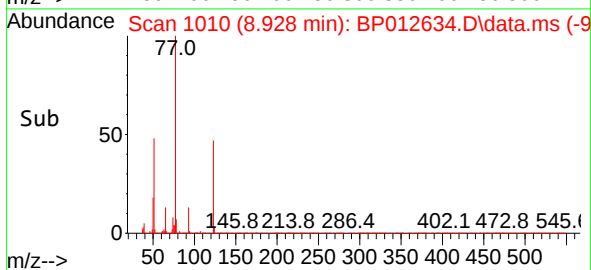
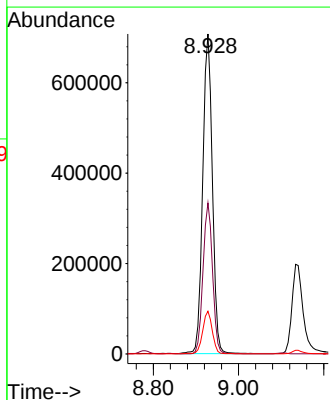
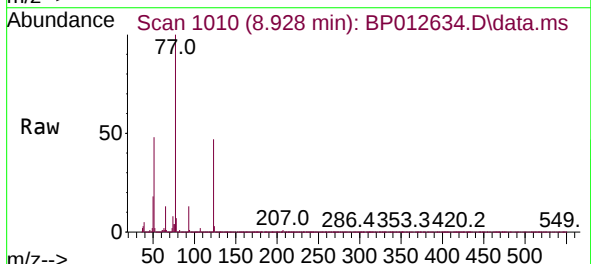
Manual Integrations
APPROVED

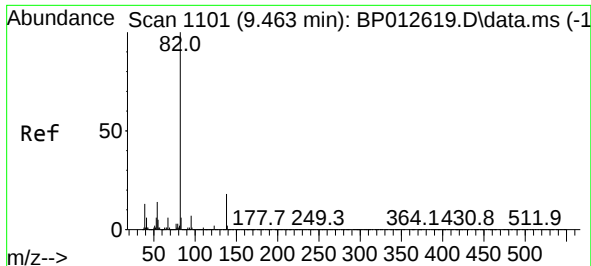
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#24
Nitrobenzene
Concen: 48.777 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Tgt Ion: 77 Resp: 1109999
Ion Ratio Lower Upper
77 100
123 47.2 37.4 56.0
65 13.3 10.7 16.1





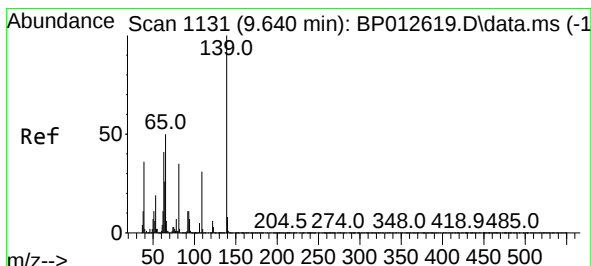
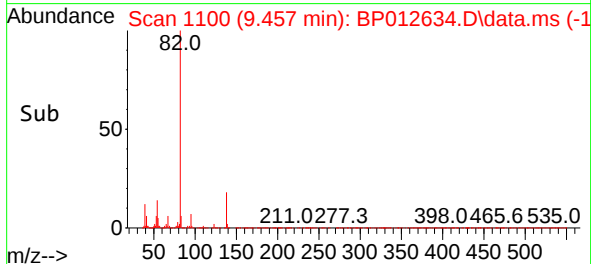
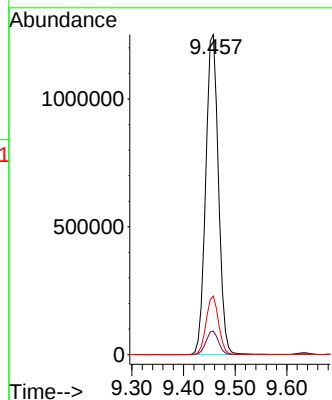
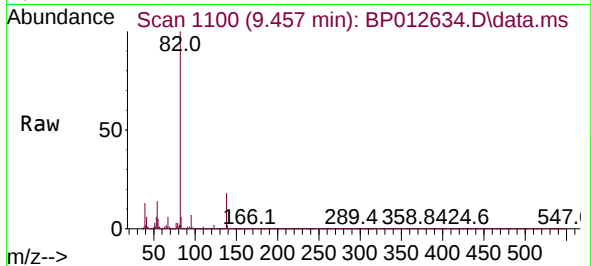
#25
Isophorone
Concen: 52.051 ng
RT: 9.457 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Instrument :
BNA_P
ClientSampleId :
2182MSD

Tgt Ion: 82 Resp: 2137438
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.3 14.6 21.8

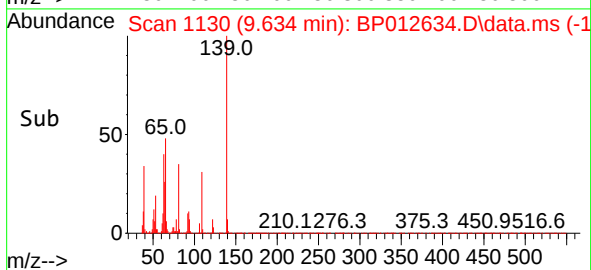
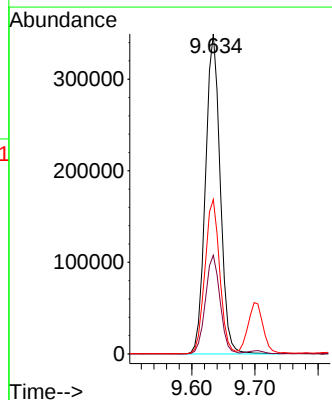
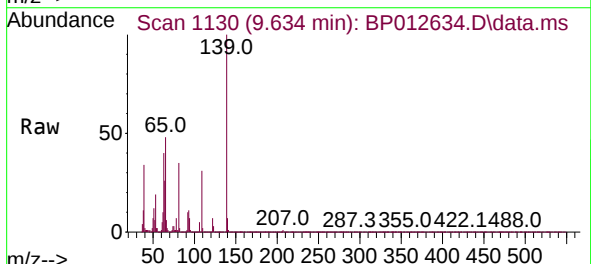
Manual Integrations
APPROVED

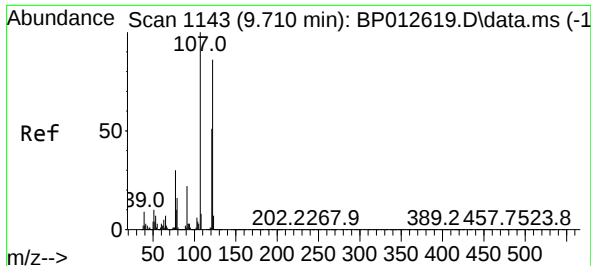
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#26
2-Nitrophenol
Concen: 51.801 ng
RT: 9.634 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Tgt Ion:139 Resp: 565801
Ion Ratio Lower Upper
139 100
109 30.8 24.6 37.0
65 48.3 39.7 59.5





#27

2,4-Dimethylphenol

Concen: 57.271 ng

RT: 9.704 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BP012634.D

Acq: 12 Nov 2022 23:39

Instrument :

BNA_P

ClientSampleId :

2182MSD

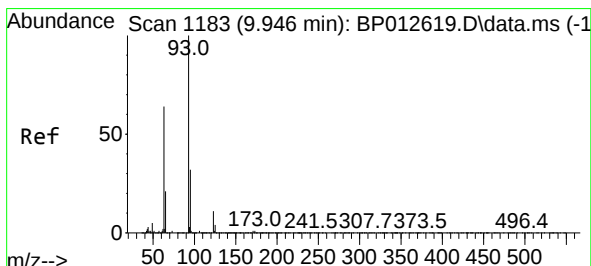
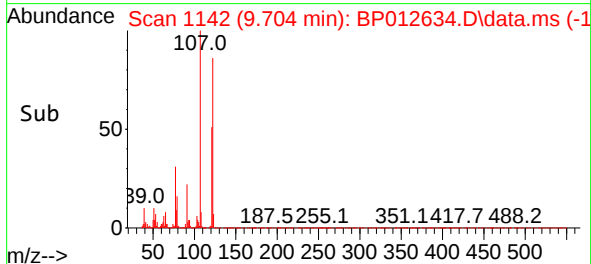
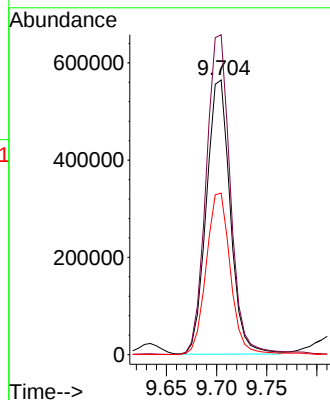
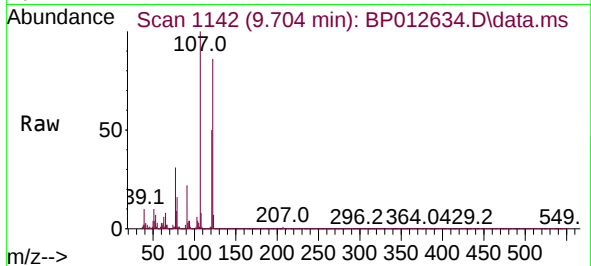
Tgt Ion:	122	Resp:	934544
Ion	Ratio	Lower	Upper
122	100		
107	116.5	92.7	139.1
121	58.8	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#28

bis(2-Chloroethoxy)methane

Concen: 52.941 ng

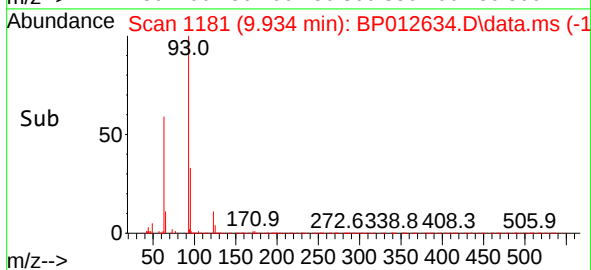
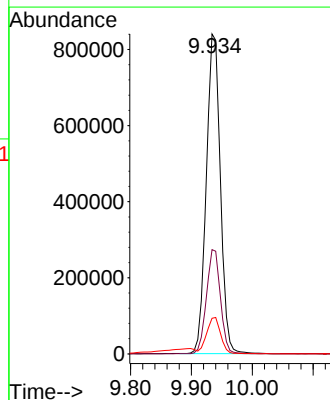
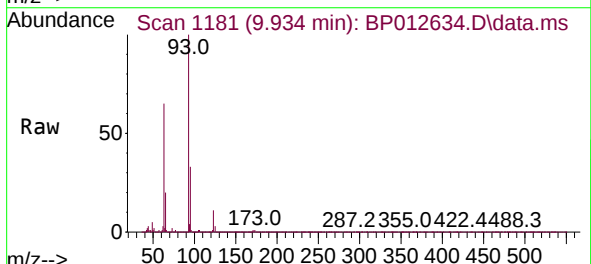
RT: 9.934 min Scan# 1181

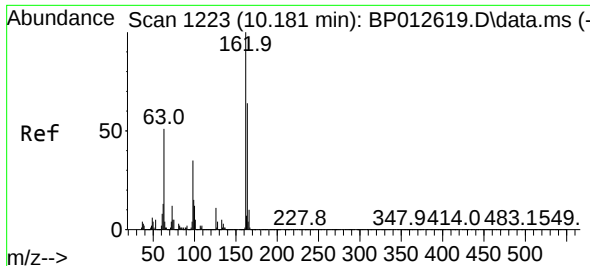
Delta R.T. -0.012 min

Lab File: BP012634.D

Acq: 12 Nov 2022 23:39

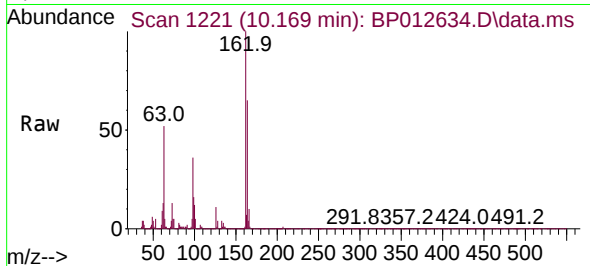
Tgt Ion:	93	Resp:	1347045
Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.9	38.9
123	11.2	9.0	13.6





#29
2,4-Dichlorophenol
Concen: 52.698 ng
RT: 10.169 min Scan# 1221
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

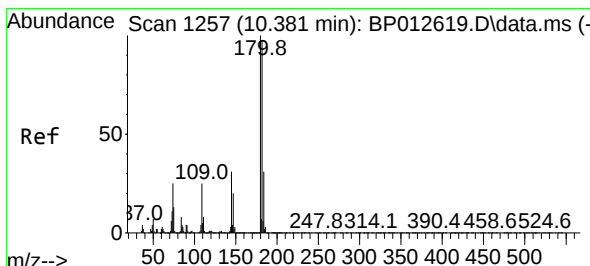
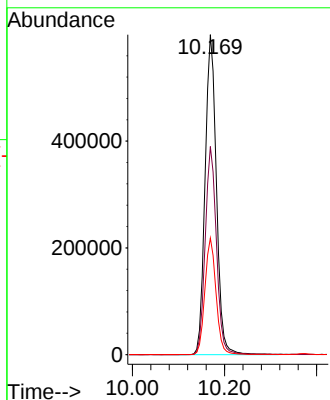
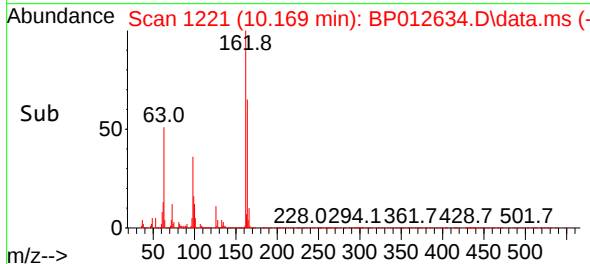
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion:162 Resp: 1018674
Ion Ratio Lower Upper
162 100
164 65.0 44.1 84.1
98 36.4 15.1 55.1

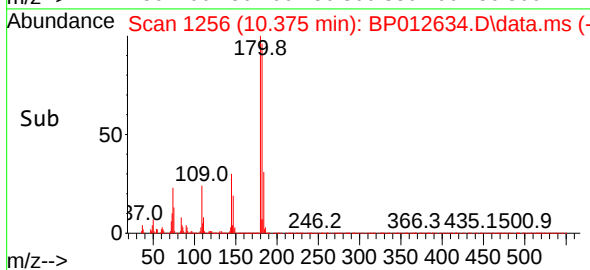
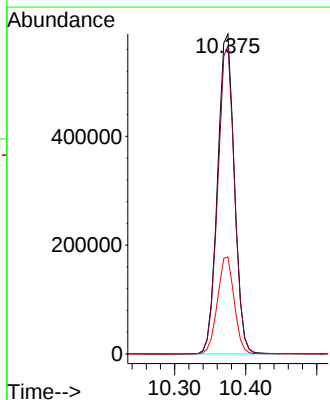
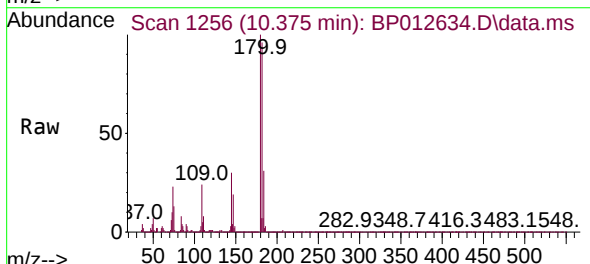
Manual Integrations
APPROVED

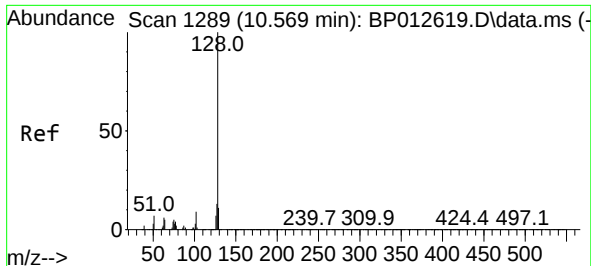
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#30
1,2,4-Trichlorobenzene
Concen: 46.299 ng
RT: 10.375 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

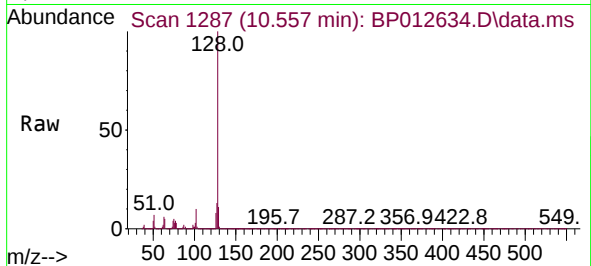
Tgt Ion:180 Resp: 969897
Ion Ratio Lower Upper
180 100
182 96.3 77.4 116.2
145 30.3 24.6 36.8





#31
Naphthalene
Concen: 45.606 ng
RT: 10.557 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

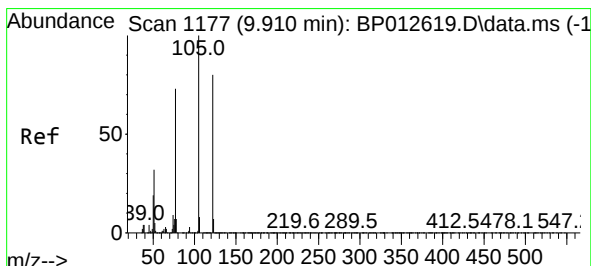
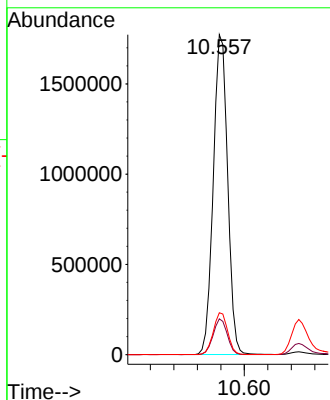
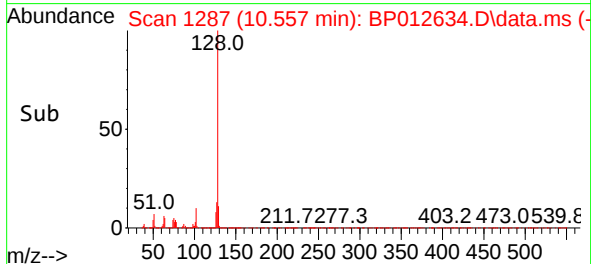
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion:128 Resp: 3004564
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.5 15.7

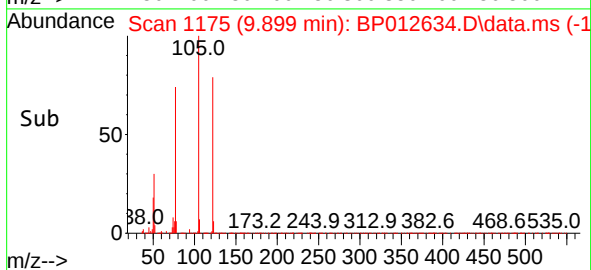
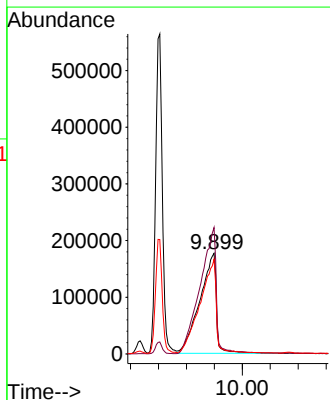
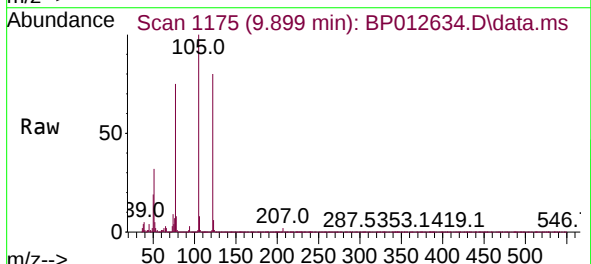
Manual Integrations
APPROVED

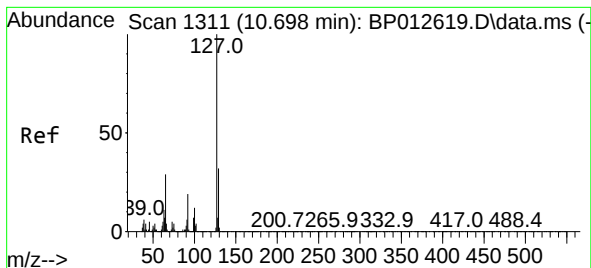
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#32
Benzoic acid
Concen: 44.088 ng
RT: 9.899 min Scan# 1175
Delta R.T. -0.011 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Tgt Ion:122 Resp: 731140
Ion Ratio Lower Upper
122 100
105 125.6 102.2 142.2
77 94.1 70.7 110.7





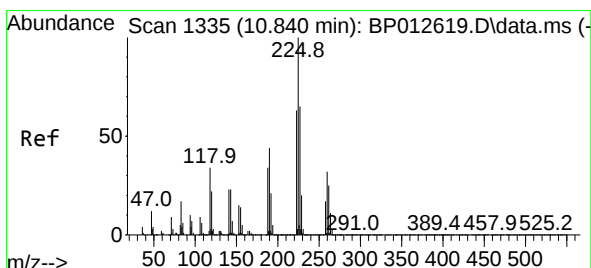
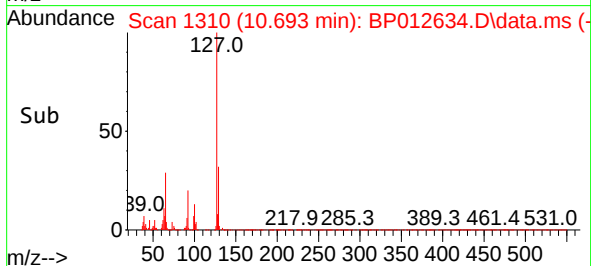
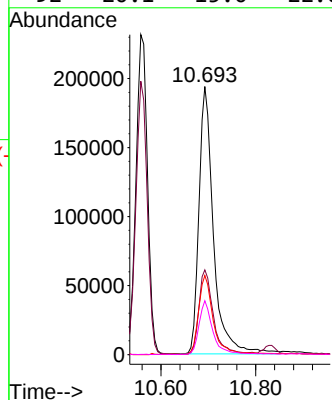
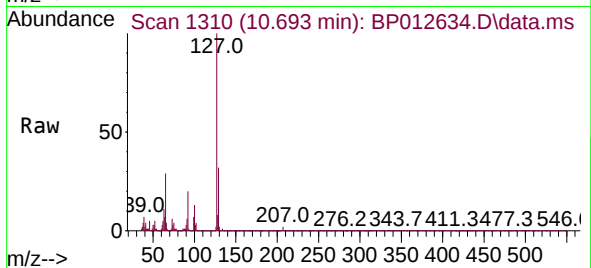
#33
4-Chloroaniline
Concen: 15.063 ng
RT: 10.693 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Instrument :
BNA_P
ClientSampleId :
2182MSD

Tgt Ion:	127	Resp:	413920
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.8	38.6
65	29.5	23.4	35.0
92	20.1	15.0	22.6

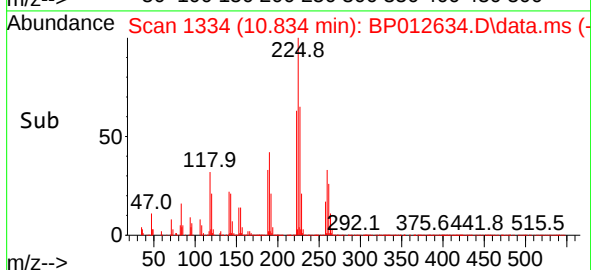
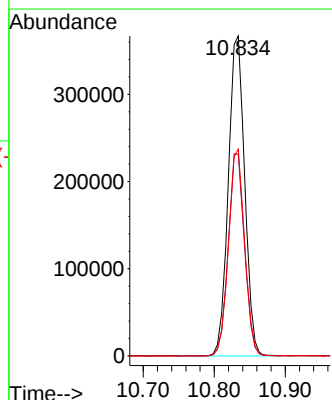
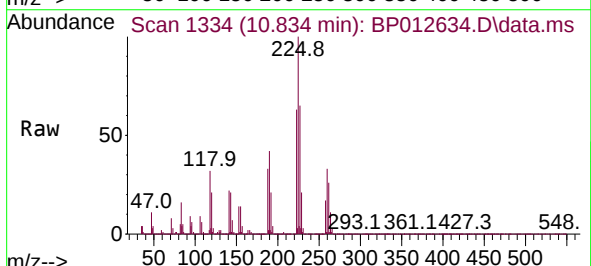
Manual Integrations
APPROVED

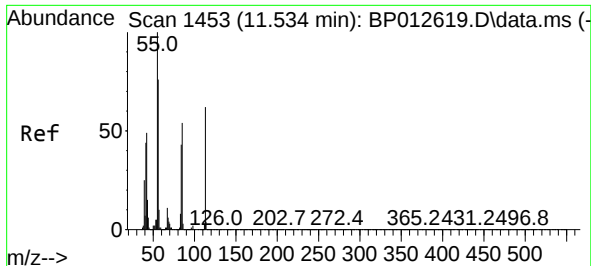
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#34
Hexachlorobutadiene
Concen: 44.364 ng
RT: 10.834 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

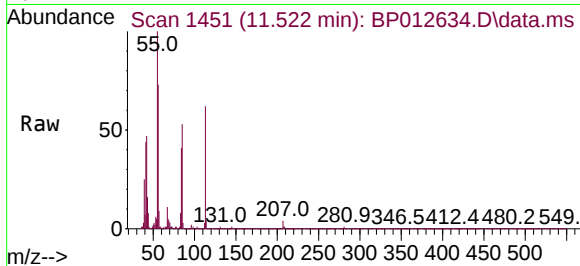
Tgt Ion:	225	Resp:	587986
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.6	75.8
227	64.6	51.7	77.5





#35
Caprolactam
Concen: 42.421 ng m
RT: 11.522 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

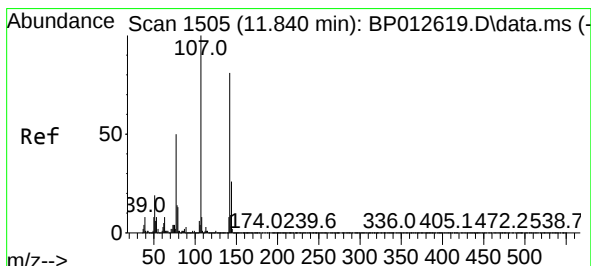
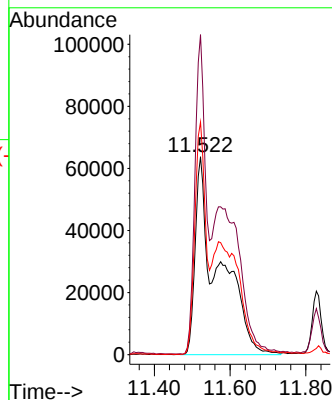
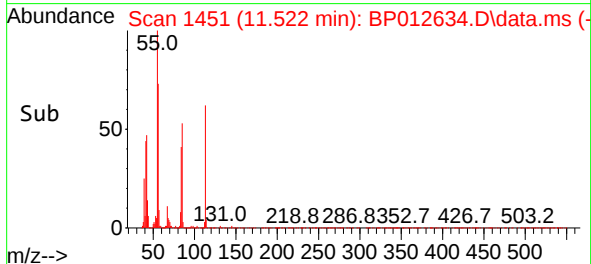
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion:113 Resp: 274085
Ion Ratio Lower Upper
113 100
55 161.7 141.9 181.9
56 117.6 102.8 142.8

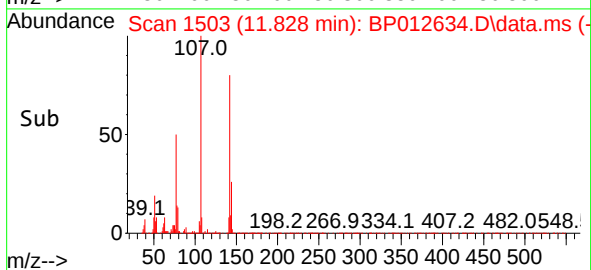
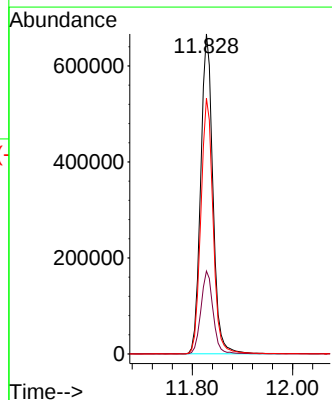
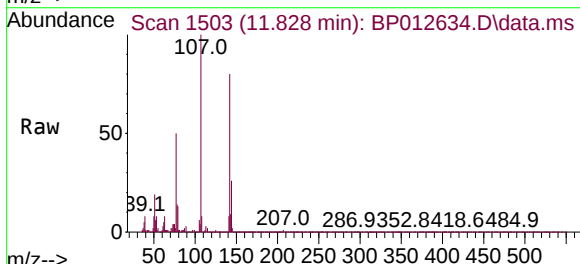
Manual Integrations
APPROVED

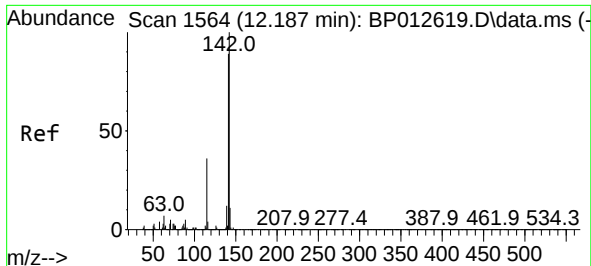
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#36
4-Chloro-3-methylphenol
Concen: 51.595 ng
RT: 11.828 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Tgt Ion:107 Resp: 1125709
Ion Ratio Lower Upper
107 100
144 25.9 20.9 31.3
142 79.9 64.8 97.2





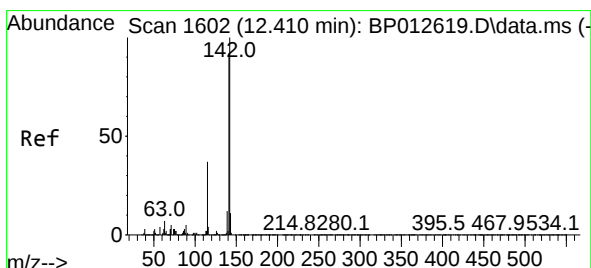
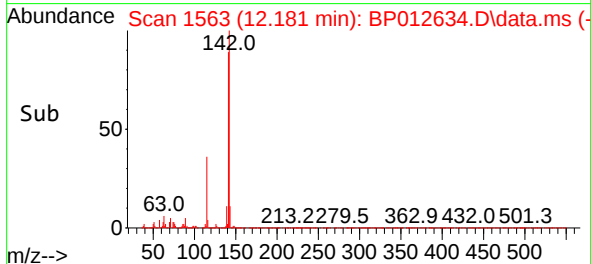
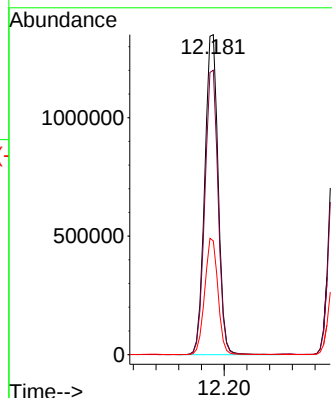
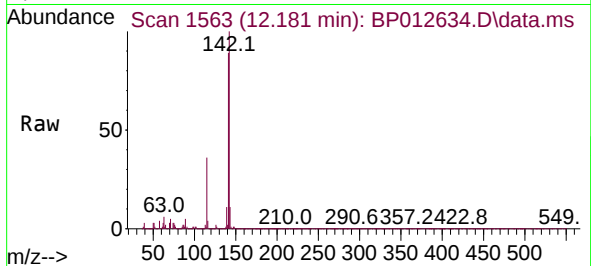
#37
2-Methylnaphthalene
Concen: 46.723 ng
RT: 12.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Instrument :
BNA_P
ClientSampleId :
2182MSD

Tgt Ion:142 Resp: 2206391
Ion Ratio Lower Upper
142 100
141 88.9 71.5 107.3
115 35.5 29.0 43.4

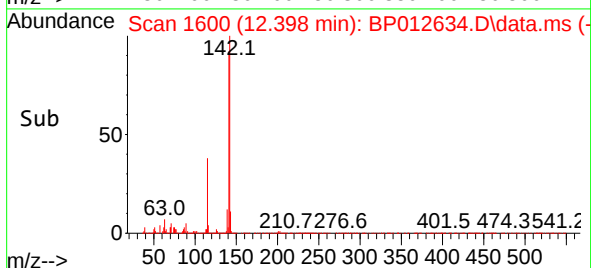
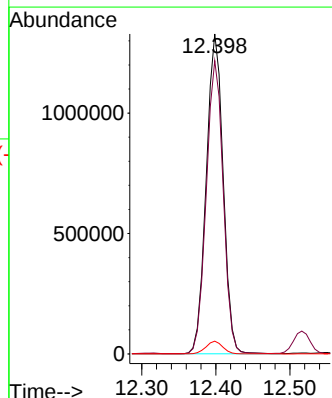
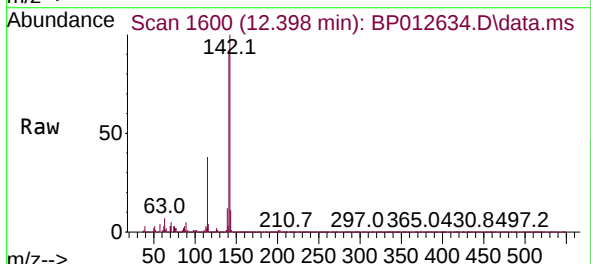
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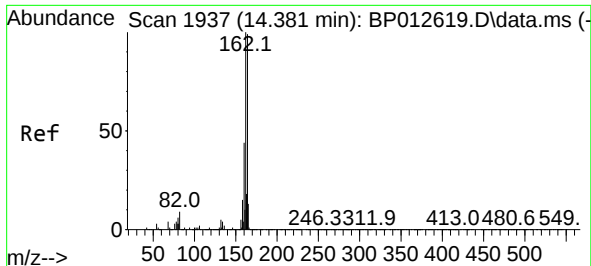
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#38
1-Methylnaphthalene
Concen: 45.548 ng
RT: 12.398 min Scan# 1600
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

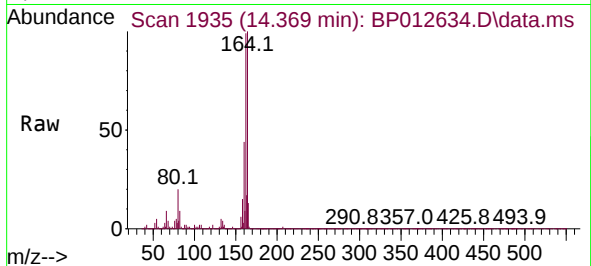
Tgt Ion:142 Resp: 2104478
Ion Ratio Lower Upper
142 100
141 91.6 74.0 111.0
116 4.0 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

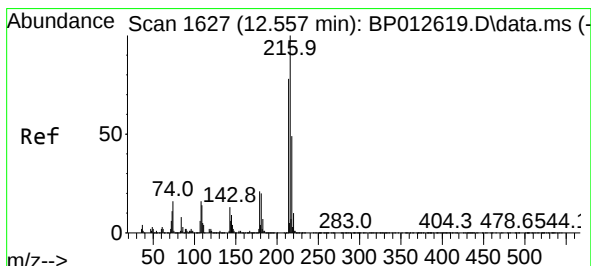
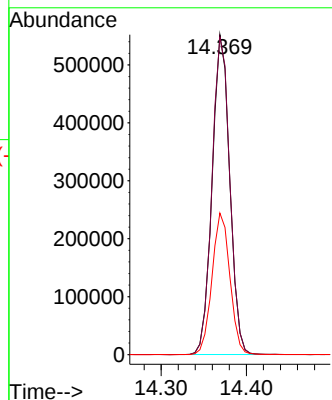
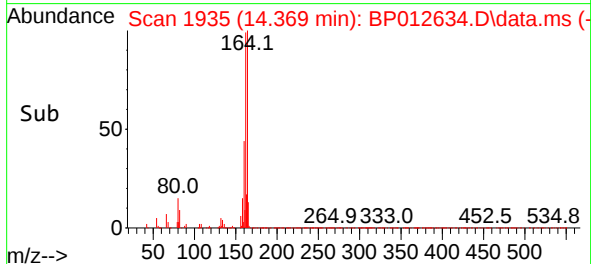
Instrument :
BNA_P
ClientSampleId :
2182MSD



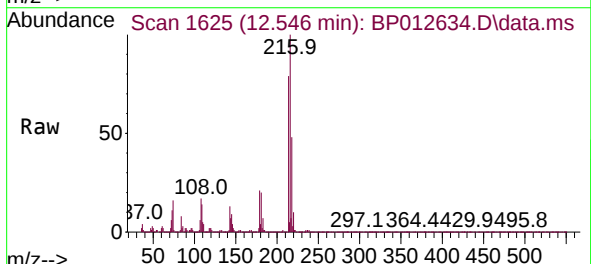
Tgt Ion:164 Resp: 790932
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.6
160 44.2 36.1 54.1

Manual Integrations
APPROVED

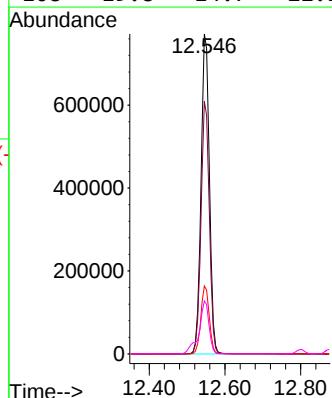
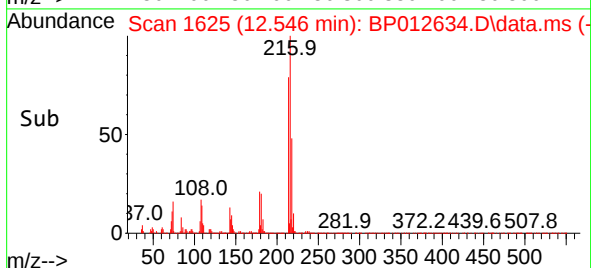
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

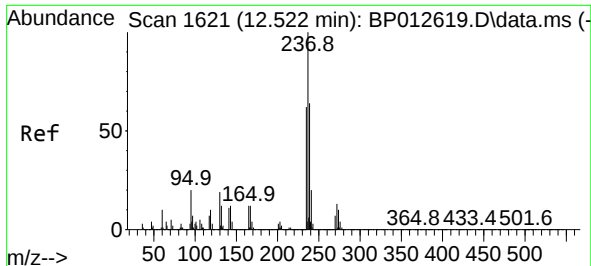


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.684 ng
RT: 12.546 min Scan# 1625
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39



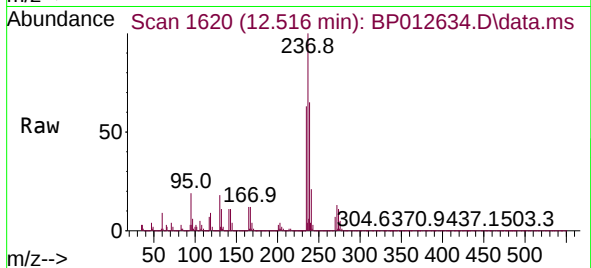
Tgt Ion:216 Resp: 1170912
Ion Ratio Lower Upper
216 100
214 78.6 62.8 94.2
179 21.3 16.8 25.2
108 19.8 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 105.060 ng
RT: 12.516 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

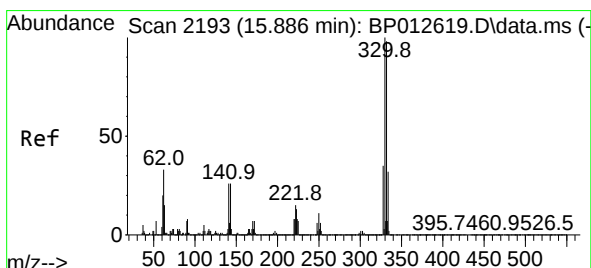
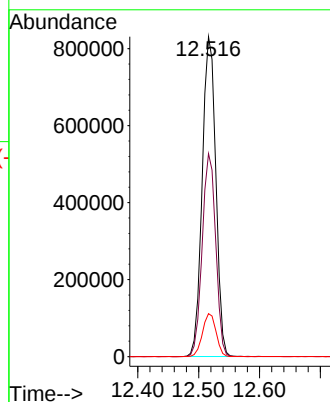
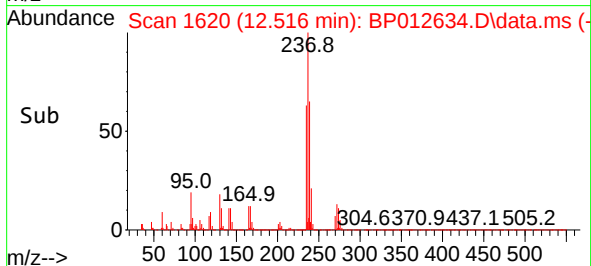
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion: 237 Resp: 1284262
Ion Ratio Lower Upper
237 100
235 63.4 42.1 82.1
272 13.4 0.0 33.2

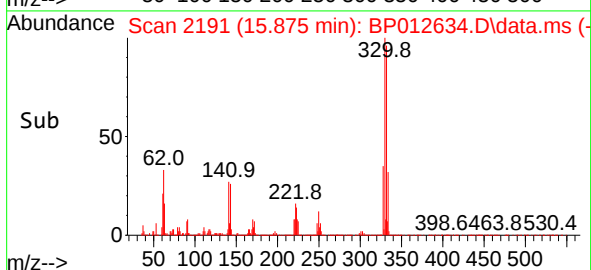
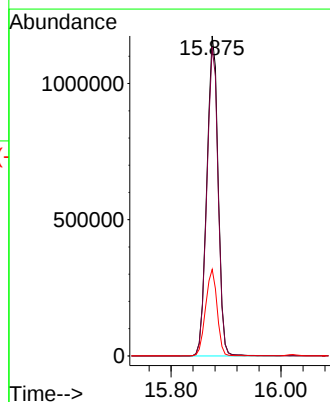
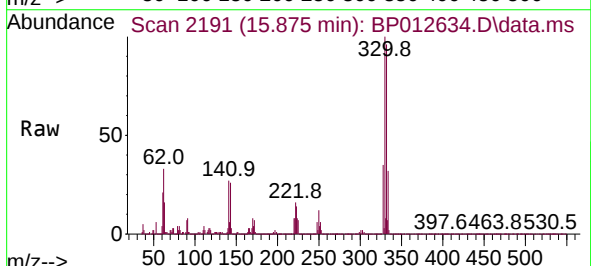
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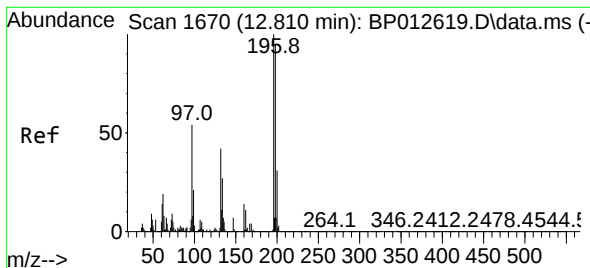
Reviewed By : Christian Giraldo 11/14/2022
Supervised By : Jagrut Upadhyay 11/14/2022



#42
2,4,6-Tribromophenol
Concen: 154.712 ng
RT: 15.875 min Scan# 2191
Delta R.T. -0.011 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Tgt Ion: 330 Resp: 1670473
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 27.6 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 50.733 ng

RT: 12.798 min Scan# 1668

Delta R.T. -0.012 min

Lab File: BP012634.D

Acq: 12 Nov 2022 23:39

Instrument :

BNA_P

ClientSampleId :

2182MSD

Tgt Ion:196 Resp: 839863

Ion Ratio Lower Upper

196 100

198 96.6 75.9 113.9

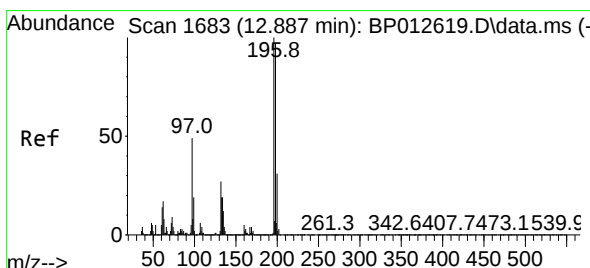
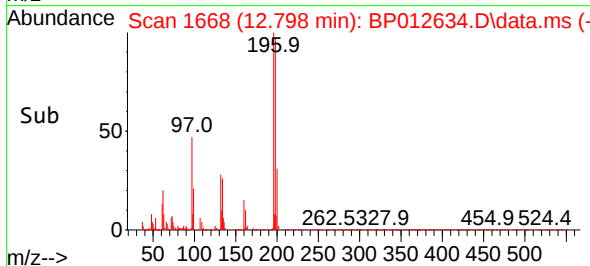
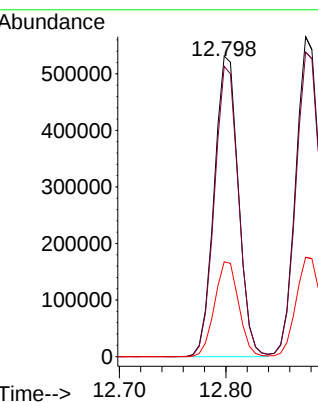
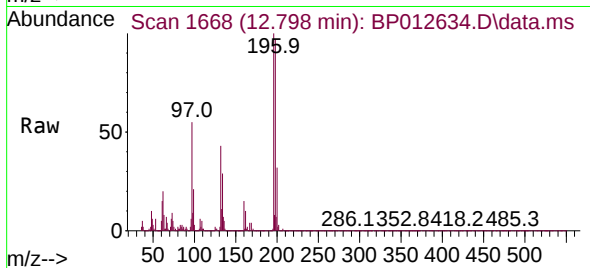
200 31.6 24.7 37.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#44

2,4,5-Trichlorophenol

Concen: 50.252 ng

RT: 12.875 min Scan# 1681

Delta R.T. -0.012 min

Lab File: BP012634.D

Acq: 12 Nov 2022 23:39

Tgt Ion:196 Resp: 928574

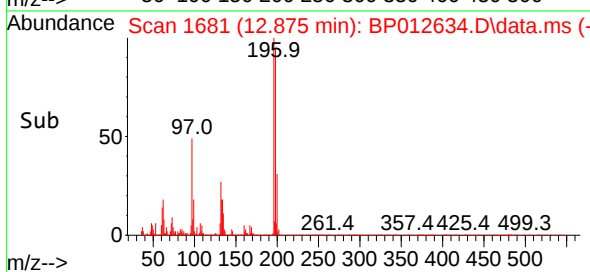
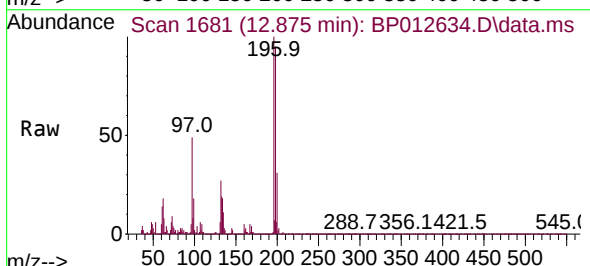
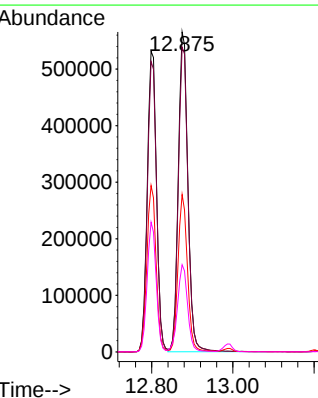
Ion Ratio Lower Upper

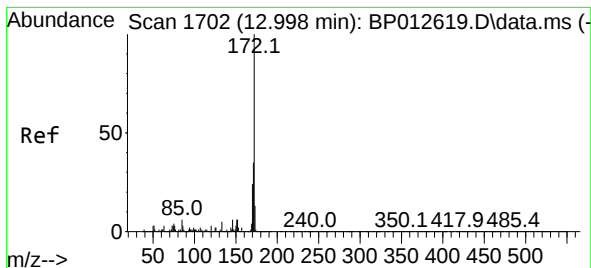
196 100

198 95.2 77.8 116.8

97 49.2 39.0 58.4

132 27.2 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 87.242 ng

RT: 12.987 min Scan# 1700

Delta R.T. -0.011 min

Lab File: BP012634.D

Acq: 12 Nov 2022 23:39

Instrument :

BNA_P

ClientSampleId :

2182MSD

Tgt Ion:172 Resp: 4545359

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

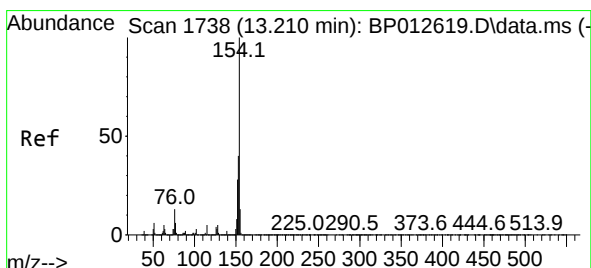
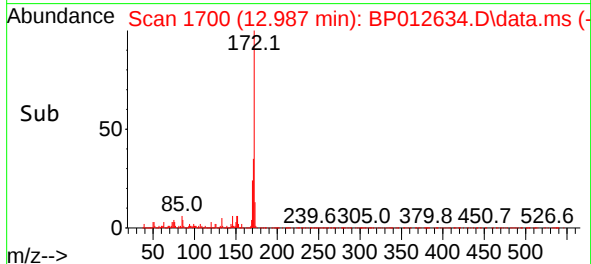
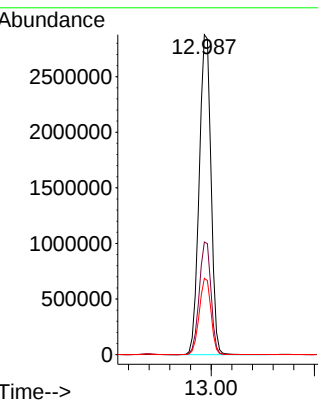
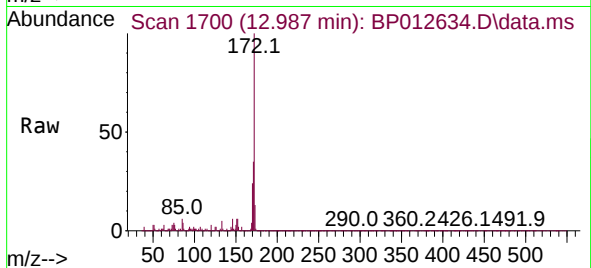
170 23.8 19.0 28.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#46

1,1'-Biphenyl

Concen: 48.976 ng

RT: 13.198 min Scan# 1736

Delta R.T. -0.012 min

Lab File: BP012634.D

Acq: 12 Nov 2022 23:39

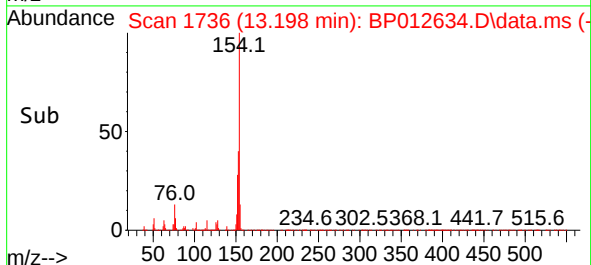
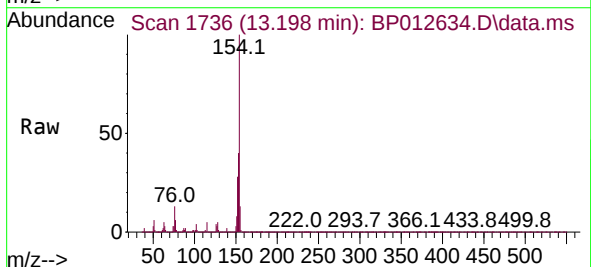
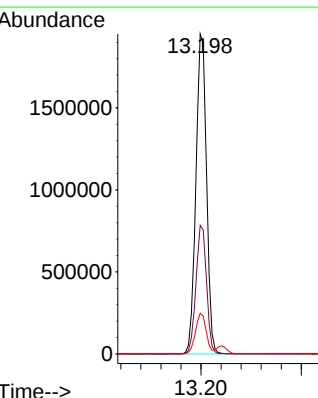
Tgt Ion:154 Resp: 2868686

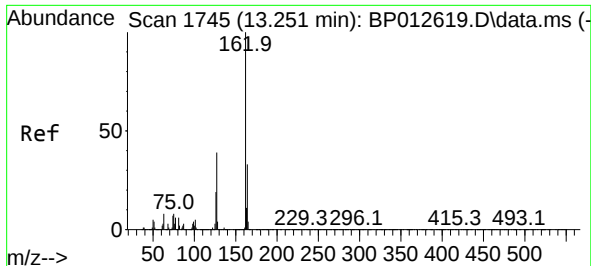
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

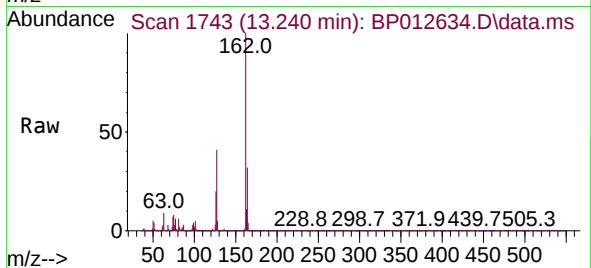
76 12.7 0.0 32.7





#47
2-Chloronaphthalene
Concen: 48.589 ng
RT: 13.240 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

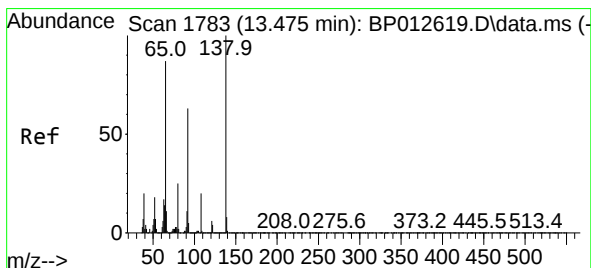
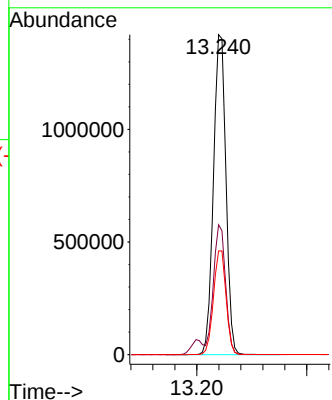
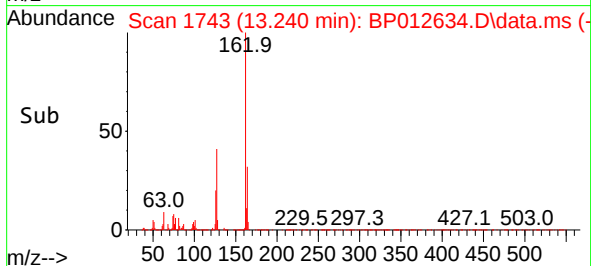
Instrument :
BNA_P
ClientSampleId :
2182MSD



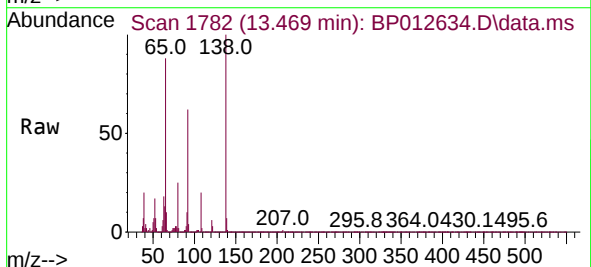
Tgt Ion:162 Resp: 223377
Ion Ratio Lower Upper
162 100
127 40.6 31.5 47.3
164 32.4 26.5 39.7

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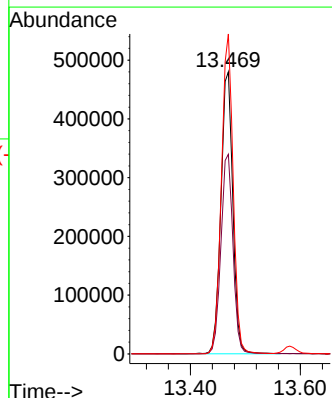
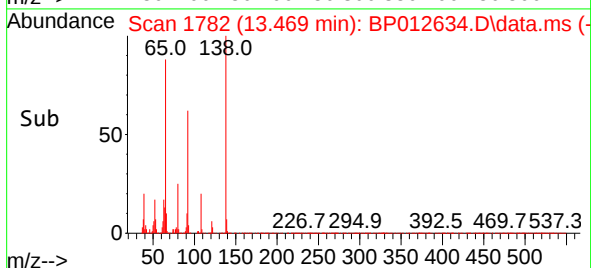
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

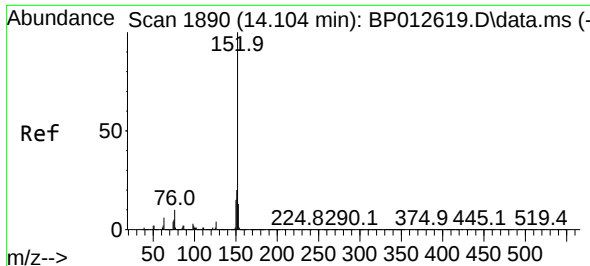


#48
2-Nitroaniline
Concen: 52.076 ng
RT: 13.469 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39



Tgt Ion: 65 Resp: 724059
Ion Ratio Lower Upper
65 100
92 70.8 57.3 85.9
138 113.5 91.4 137.2





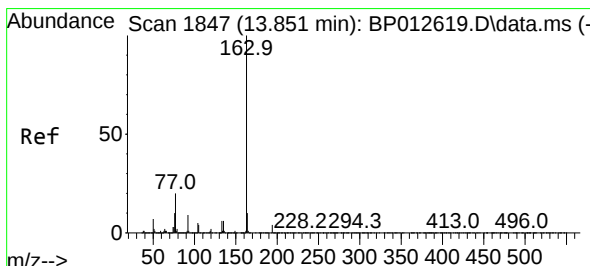
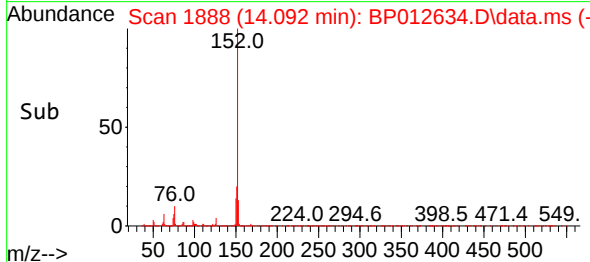
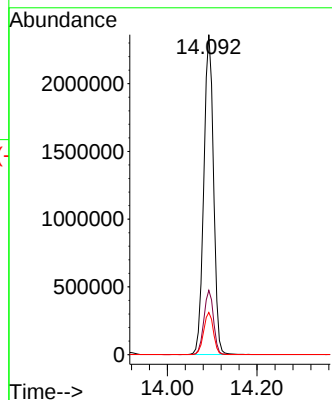
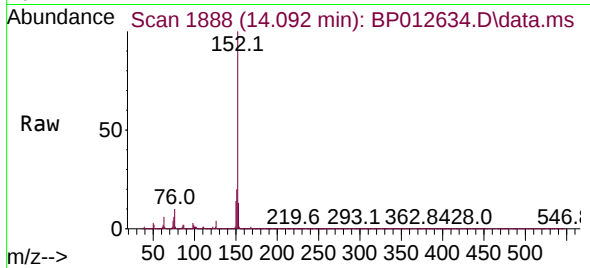
#49
Acenaphthylene
Concen: 48.586 ng
RT: 14.092 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Instrument :
BNA_P
ClientSampleId :
2182MSD

Tgt Ion:152 Resp: 3546889
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.2 10.4 15.6

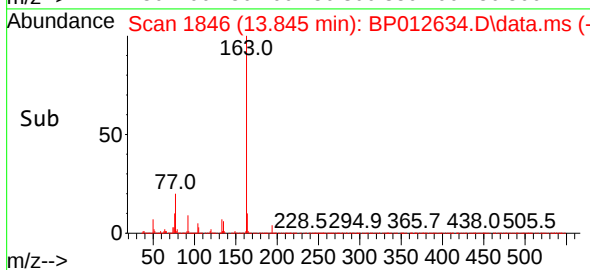
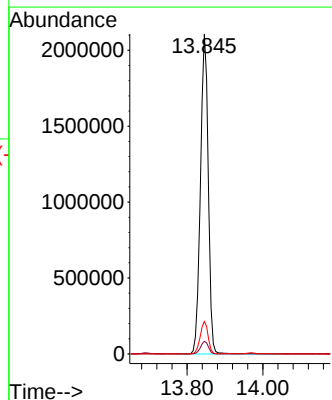
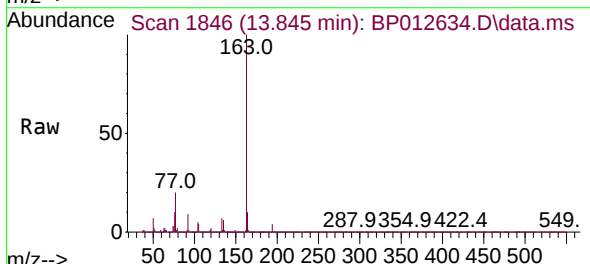
Manual Integrations
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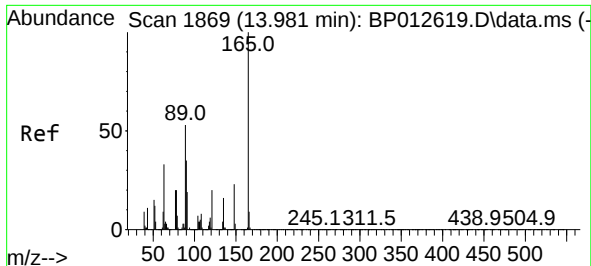
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#50
Dimethylphthalate
Concen: 47.809 ng
RT: 13.845 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

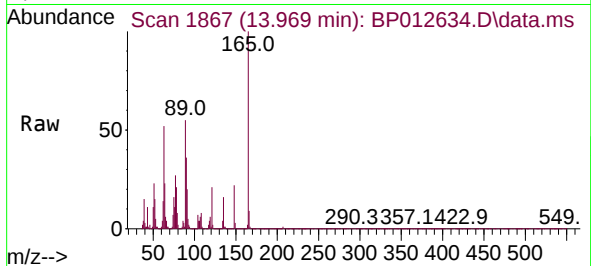
Tgt Ion:163 Resp: 2988293
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 50.481 ng
RT: 13.969 min Scan# 1867
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

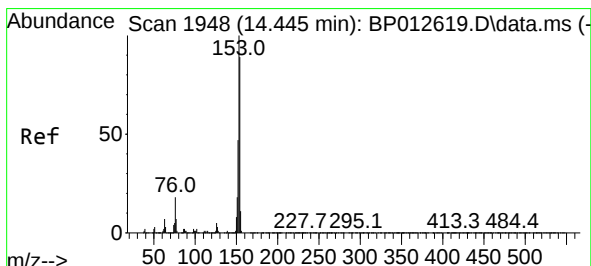
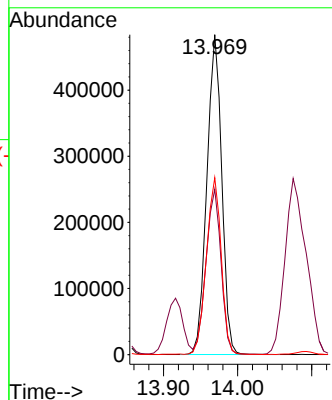
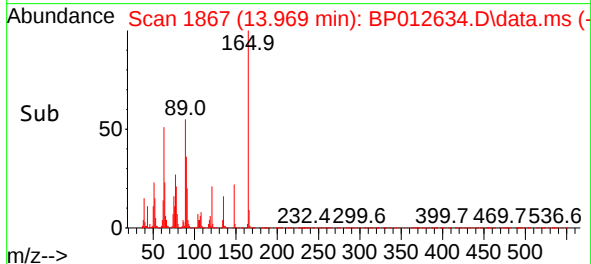
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion:165 Resp: 672882
Ion Ratio Lower Upper
165 100
63 51.7 40.7 61.1
89 55.3 42.8 64.2

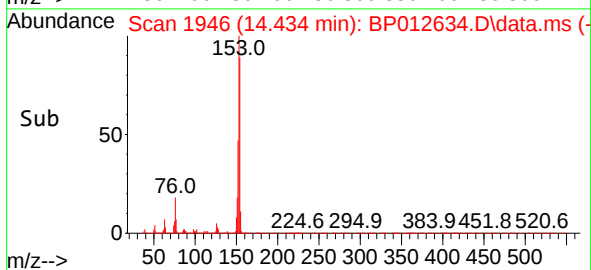
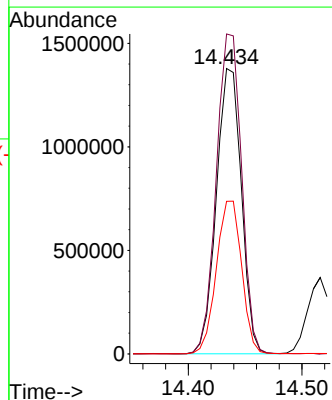
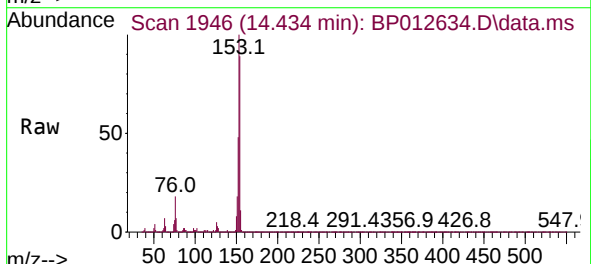
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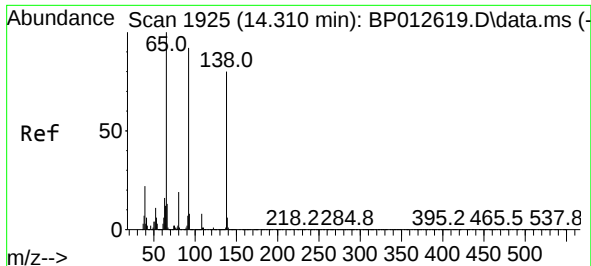
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#52
Acenaphthene
Concen: 47.438 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Tgt Ion:154 Resp: 2107939
Ion Ratio Lower Upper
154 100
153 112.1 90.3 135.5
152 53.4 42.8 64.2





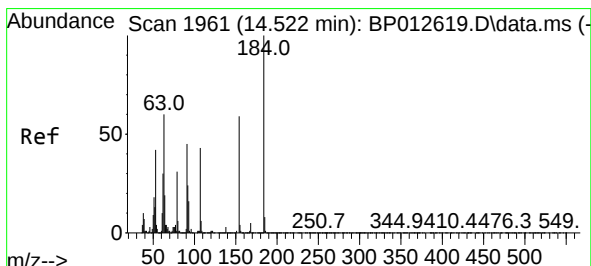
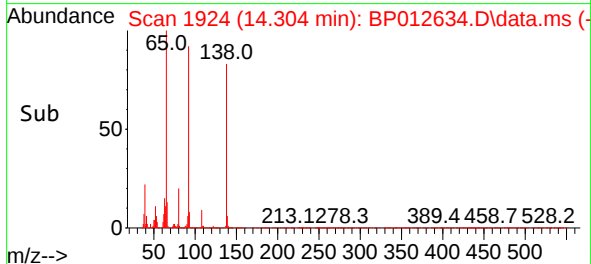
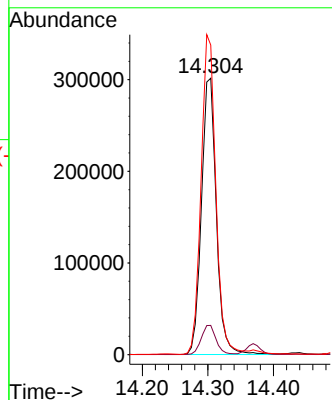
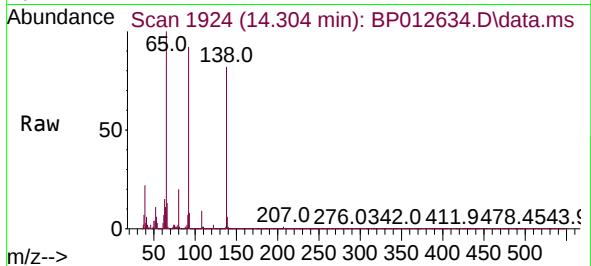
#53
3-Nitroaniline
Concen: 33.072 ng
RT: 14.304 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Instrument :
BNA_P
ClientSampleId :
2182MSD

Tgt Ion:138 Resp: 474433
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.4
92 112.0 91.1 136.7

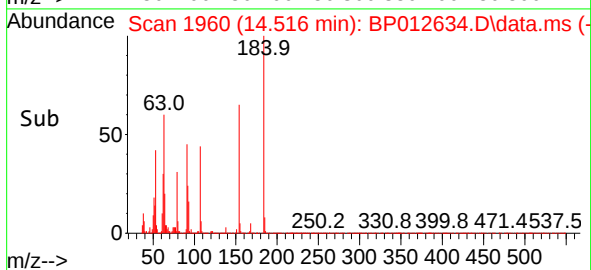
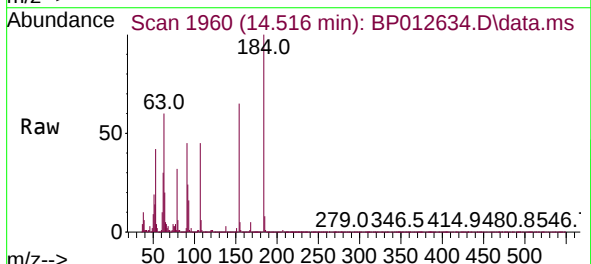
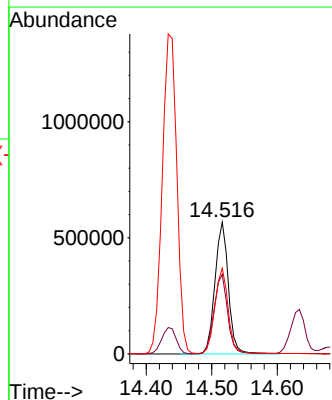
Manual Integrations
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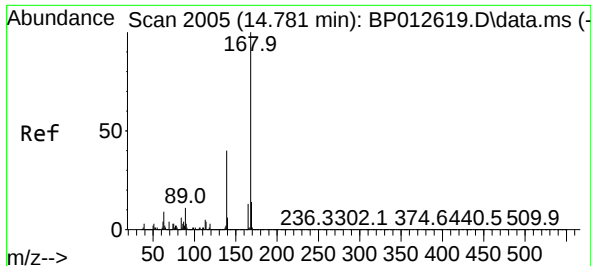
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#54
2,4-Dinitrophenol
Concen: 85.023 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

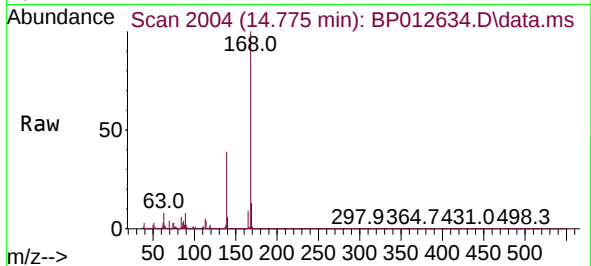
Tgt Ion:184 Resp: 807440
Ion Ratio Lower Upper
184 100
63 60.3 48.5 72.7
154 65.1 49.4 74.2





#55
Dibenzofuran
Concen: 47.158 ng
RT: 14.775 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

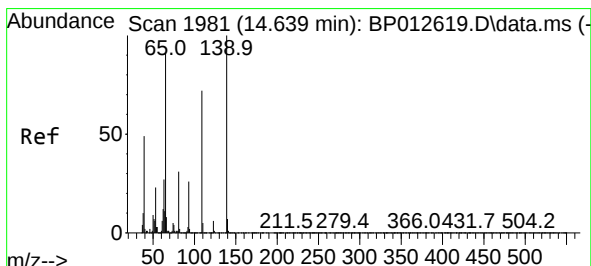
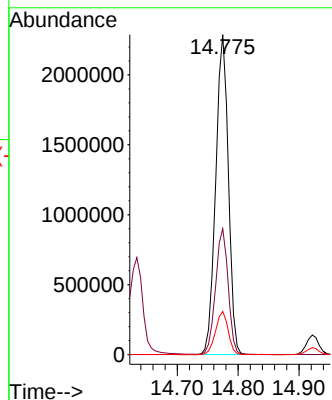
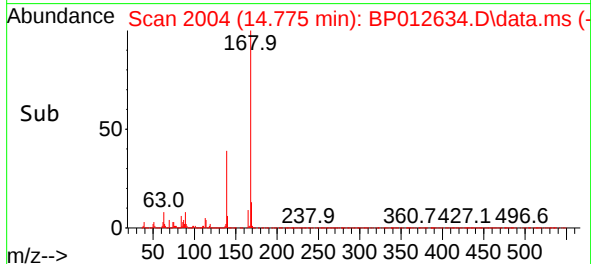
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion:168 Resp: 3312015
Ion Ratio Lower Upper
168 100
139 39.3 31.7 47.5
169 13.5 10.9 16.3

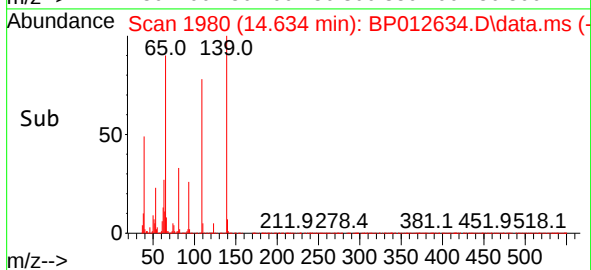
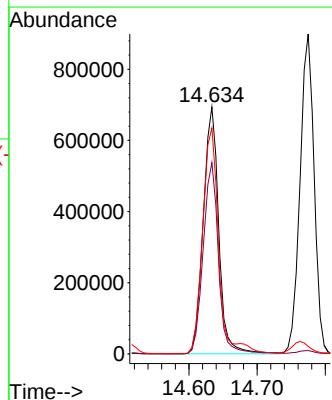
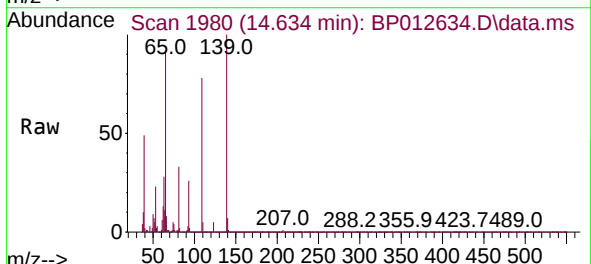
Manual Integrations
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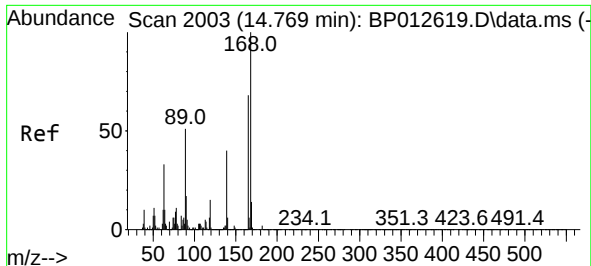
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#56
4-Nitrophenol
Concen: 91.929 ng
RT: 14.634 min Scan# 1980
Delta R.T. -0.005 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

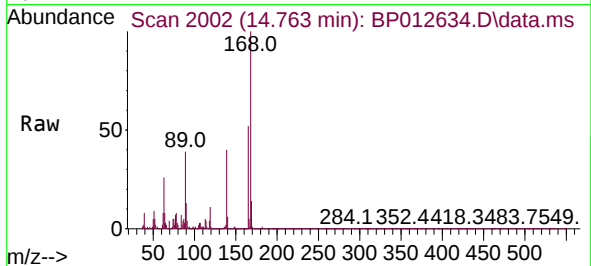
Tgt Ion:139 Resp: 1096018
Ion Ratio Lower Upper
139 100
109 77.5 52.1 92.1
65 91.5 71.4 111.4





#57
2,4-Dinitrotoluene
Concen: 51.342 ng
RT: 14.763 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

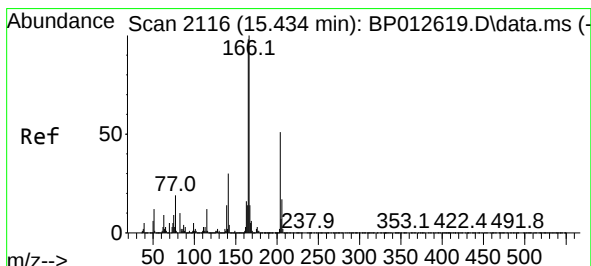
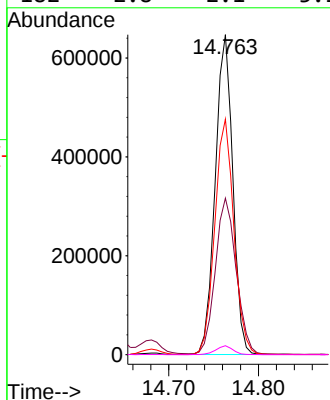
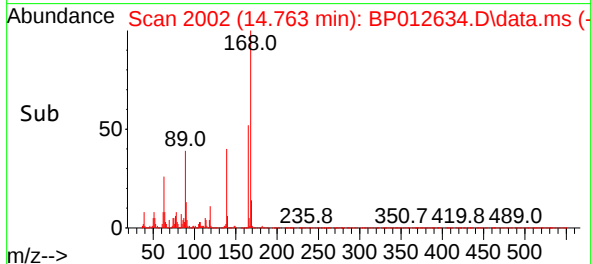
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion:165 Resp: 881989
Ion Ratio Lower Upper
165 100
63 48.9 39.1 58.7
89 73.6 60.3 90.5
182 2.8 2.1 3.1

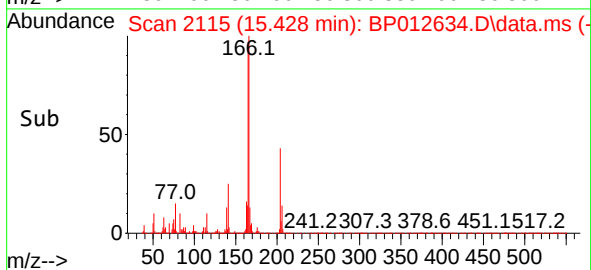
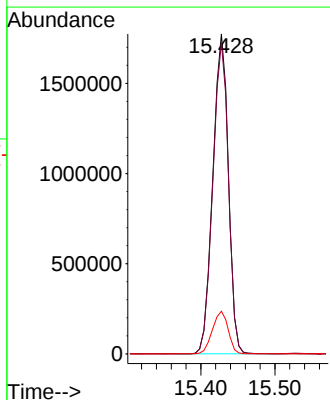
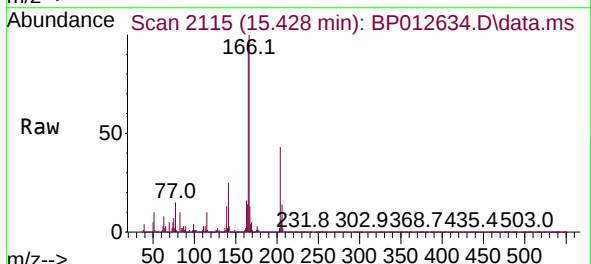
Manual Integrations
APPROVED

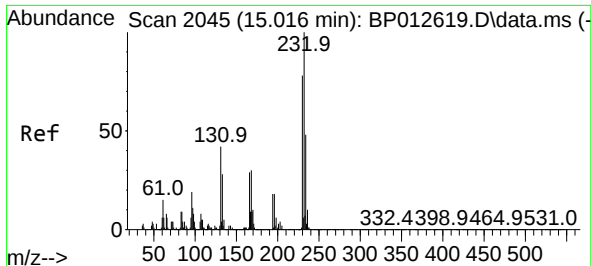
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#58
Fluorene
Concen: 46.510 ng
RT: 15.428 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

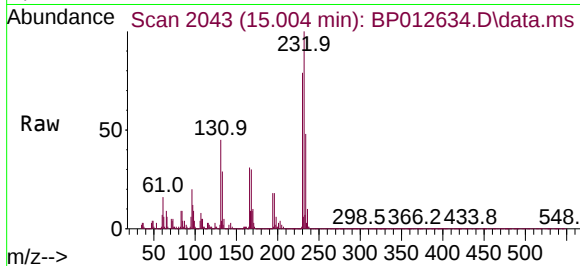
Tgt Ion:166 Resp: 2578553
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.782 ng
RT: 15.004 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

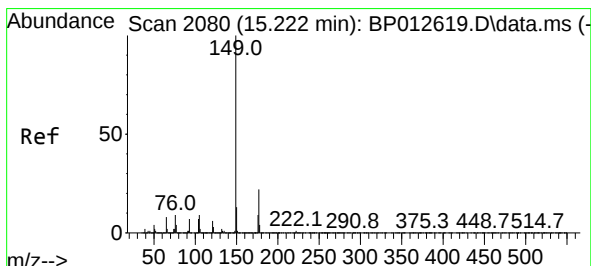
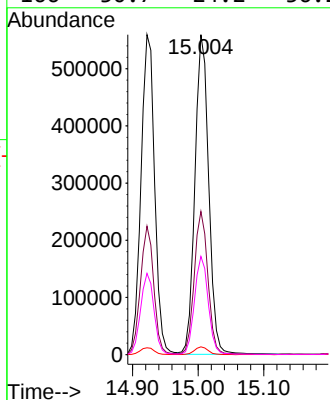
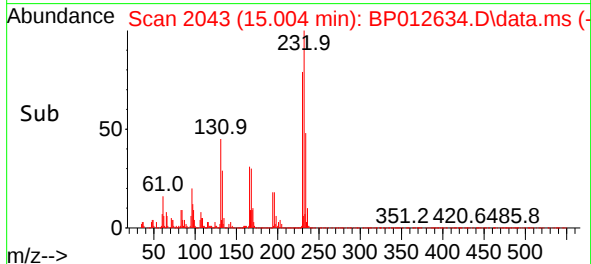
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion:232 Resp: 813190
Ion Ratio Lower Upper
232 100
131 44.4 35.5 53.3
130 2.4 1.8 2.8
166 30.7 24.2 36.2

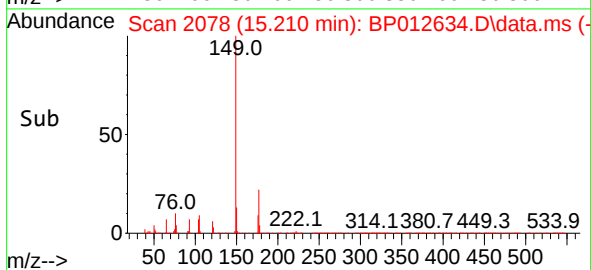
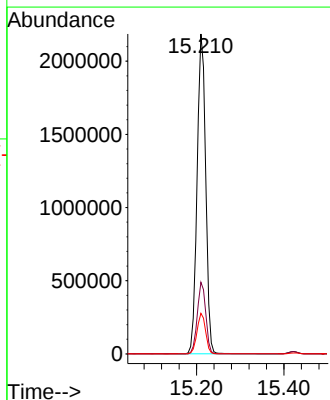
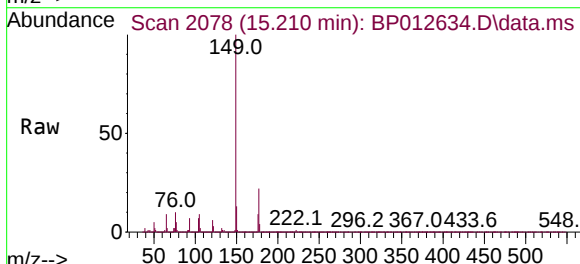
Manual Integrations
APPROVED

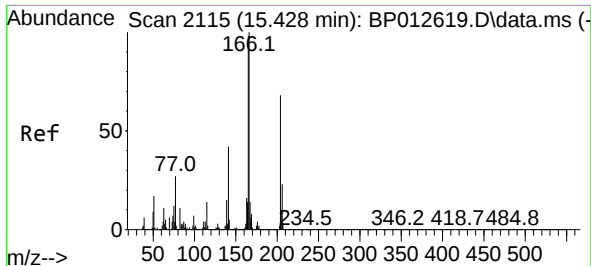
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#60
Diethylphthalate
Concen: 47.359 ng
RT: 15.210 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

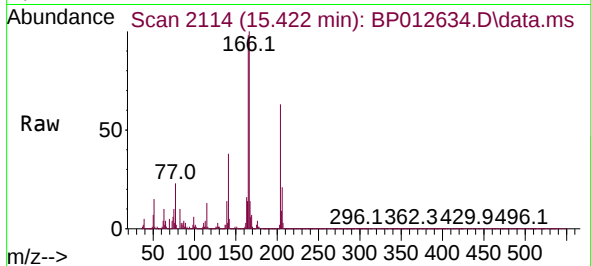
Tgt Ion:149 Resp: 2963345
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 47.828 ng
RT: 15.422 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

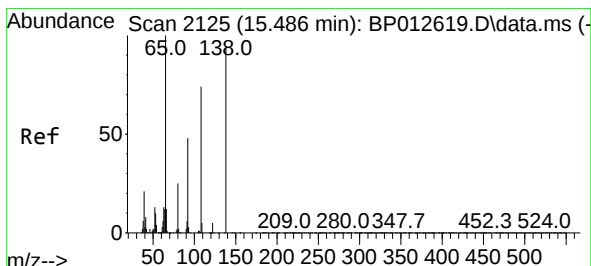
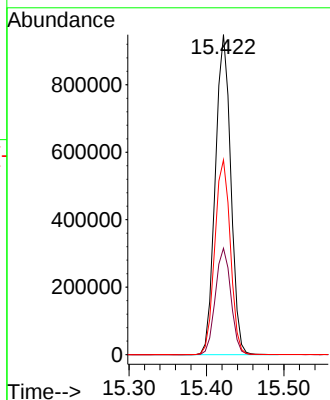
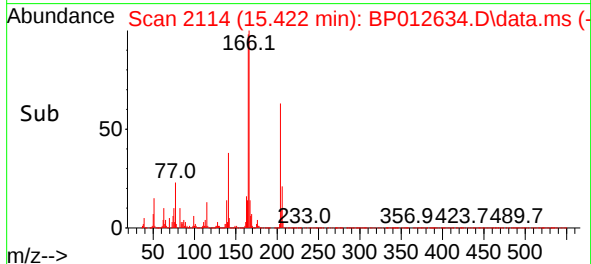
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion:204 Resp: 131433
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 60.8 49.7 74.5

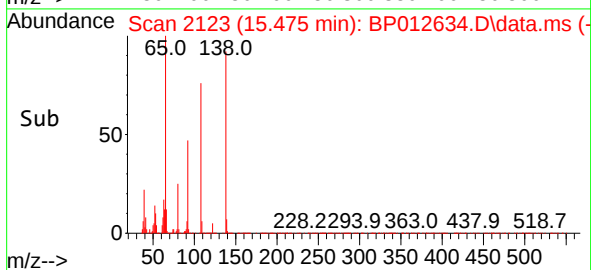
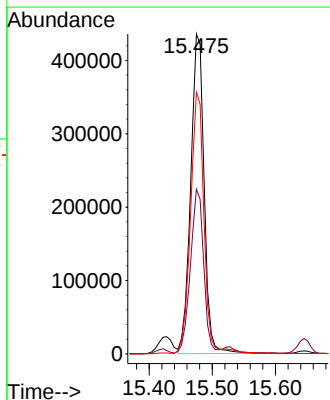
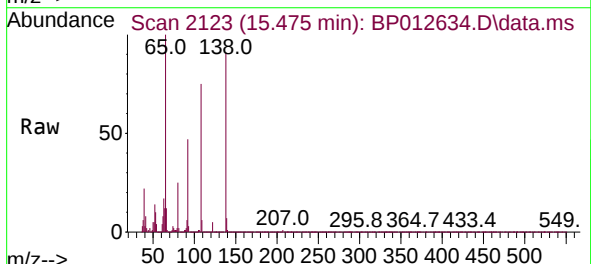
Manual Integrations
APPROVED

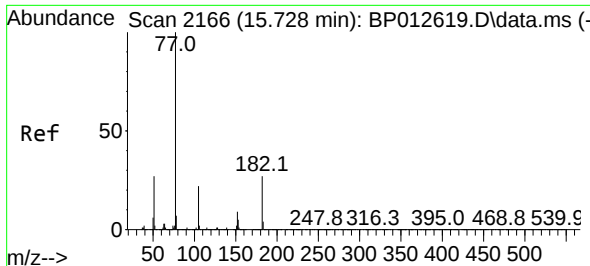
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#62
4-Nitroaniline
Concen: 43.225 ng
RT: 15.475 min Scan# 2123
Delta R.T. -0.011 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

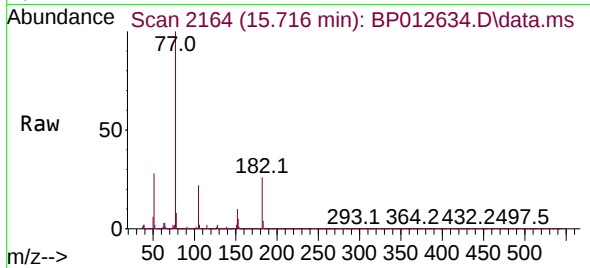
Tgt Ion:138 Resp: 645068
Ion Ratio Lower Upper
138 100
92 51.5 30.6 70.6
108 81.8 58.0 98.0





#63
Azobenzene
Concen: 47.586 ng
RT: 15.716 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

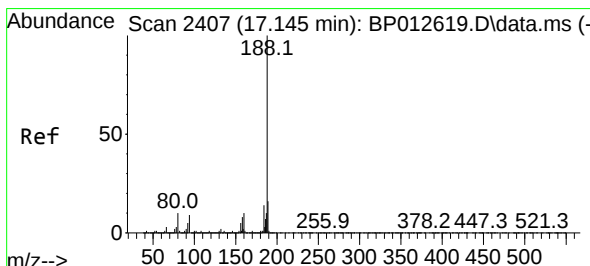
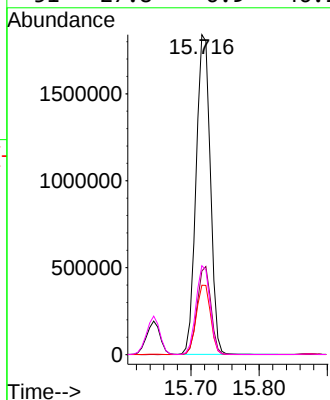
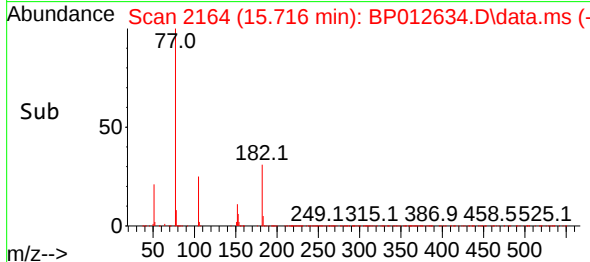
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion: 77 Resp: 2669099
Ion Ratio Lower Upper
77 100
182 26.1 6.5 46.5
105 21.7 2.1 42.1
51 27.8 6.9 46.9

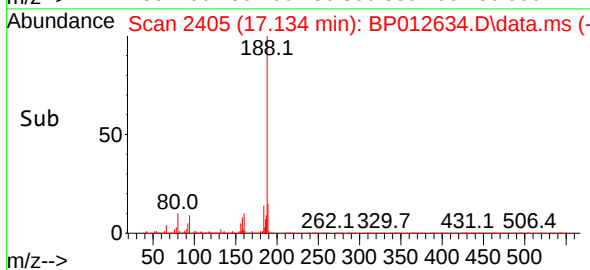
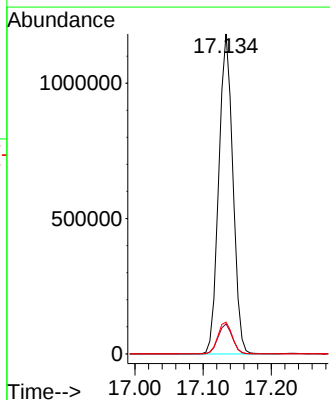
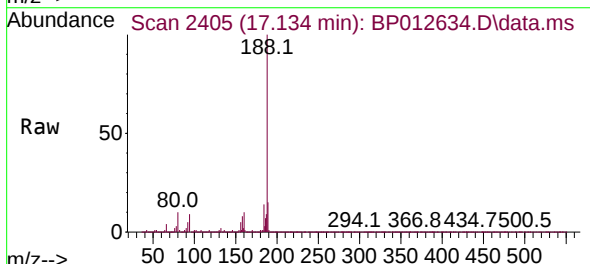
Manual Integrations
APPROVED

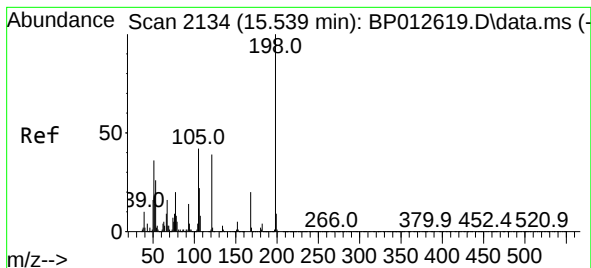
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Tgt Ion:188 Resp: 1683976
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.9 8.2 12.2





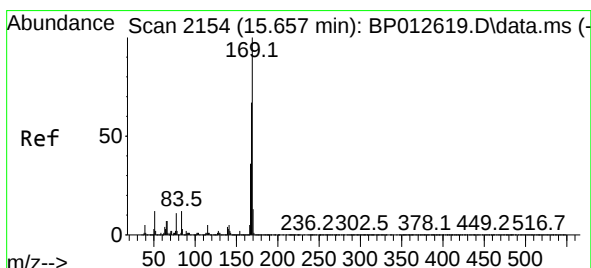
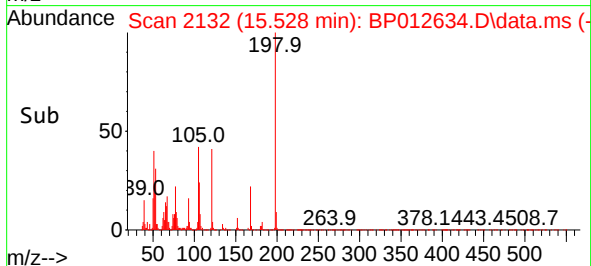
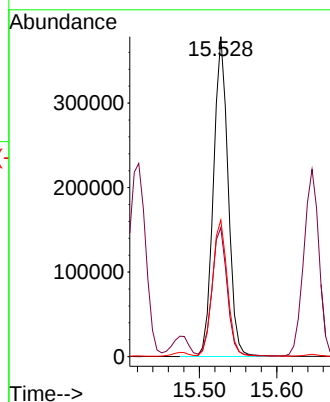
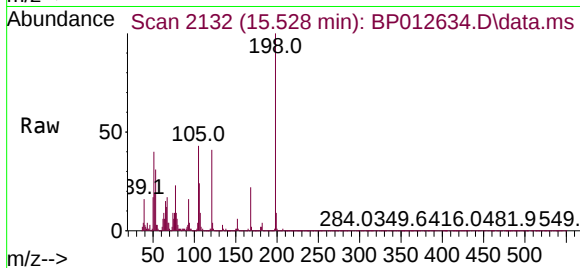
#65
4,6-Dinitro-2-methylphenol
Concen: 43.808 ng
RT: 15.528 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Instrument :
BNA_P
ClientSampleId :
2182MSD

Tgt Ion:198 Resp: 501220
Ion Ratio Lower Upper
198 100
51 40.3 17.8 57.8
105 42.7 22.5 62.5

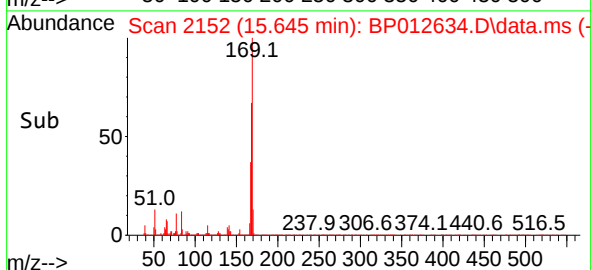
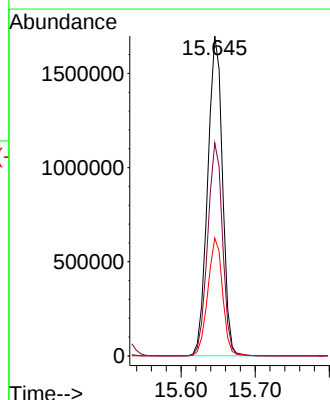
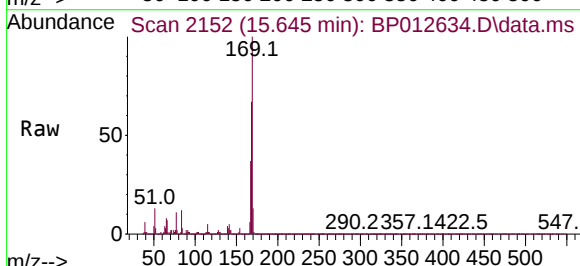
Manual Integrations
APPROVED

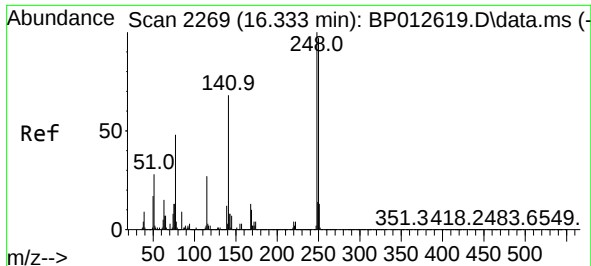
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#66
n-Nitrosodiphenylamine
Concen: 47.423 ng
RT: 15.645 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

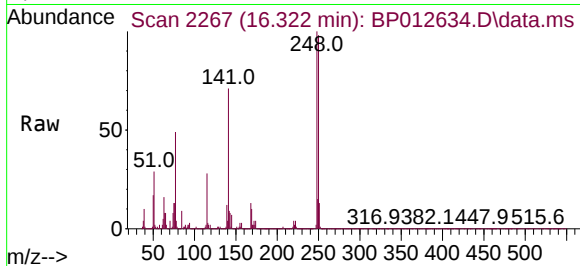
Tgt Ion:169 Resp: 2355630
Ion Ratio Lower Upper
169 100
168 66.6 53.3 79.9
167 36.8 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 49.549 ng
RT: 16.322 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

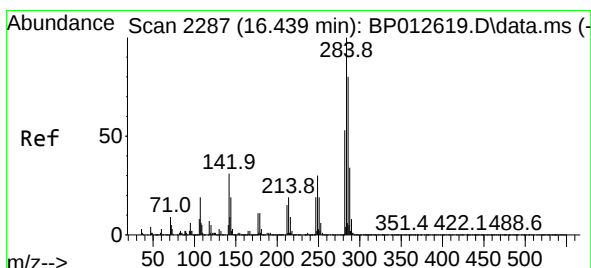
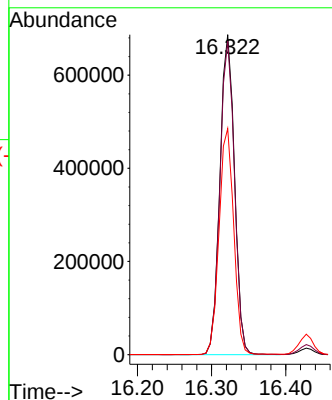
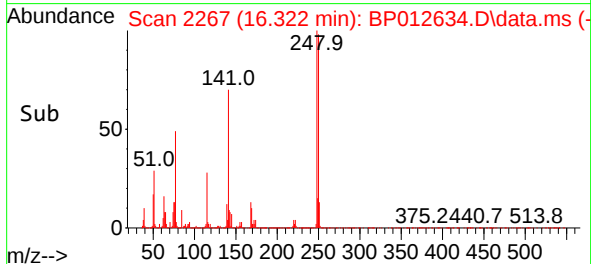
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion:248 Resp: 937962
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.8
141 70.6 54.7 82.1

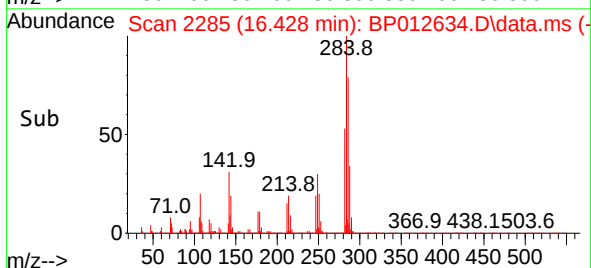
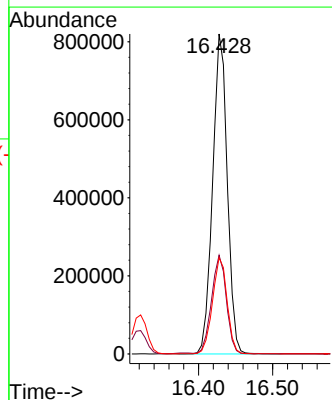
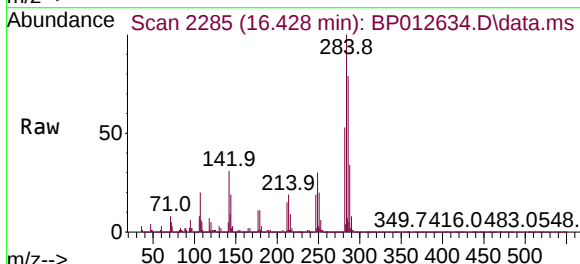
Manual Integrations
APPROVED

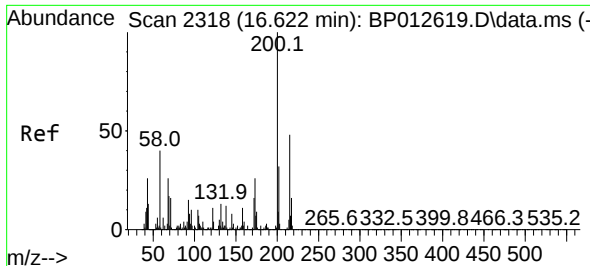
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#68
Hexachlorobenzene
Concen: 49.706 ng
RT: 16.428 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Tgt Ion:284 Resp: 1123144
Ion Ratio Lower Upper
284 100
142 30.8 25.1 37.7
249 30.1 24.2 36.2





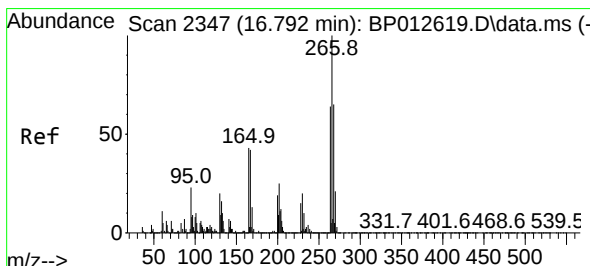
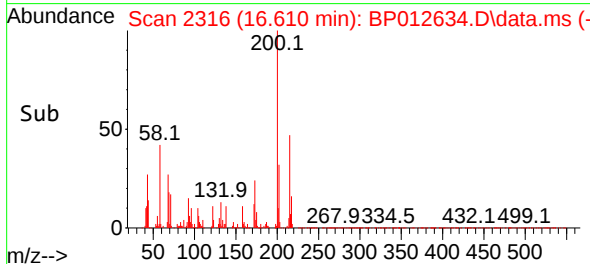
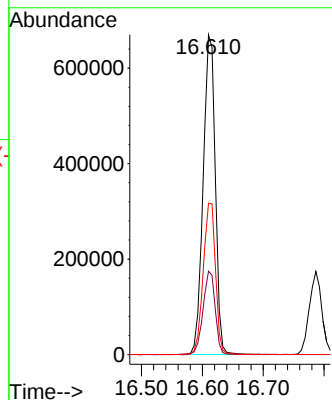
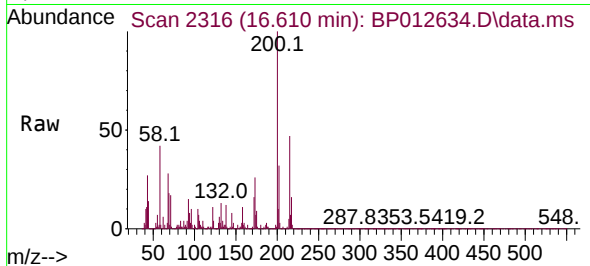
#69
Atrazine
Concen: 53.426 ng
RT: 16.610 min Scan# 2318
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Instrument :
BNA_P
ClientSampleId :
2182MSD

Tgt Ion:200 Resp: 925365
Ion Ratio Lower Upper
200 100
173 26.1 6.1 46.1
215 47.3 28.2 68.2

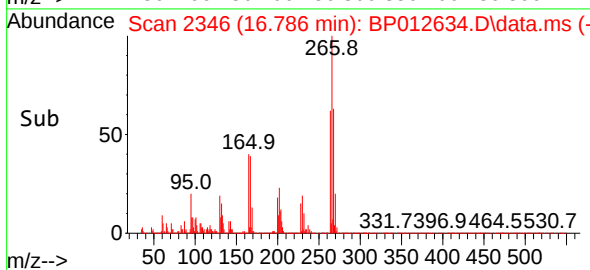
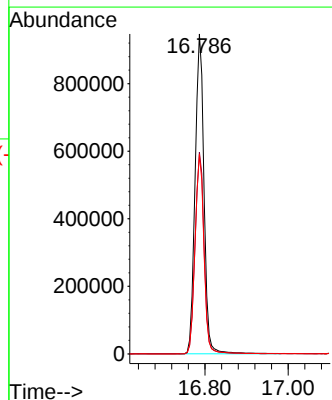
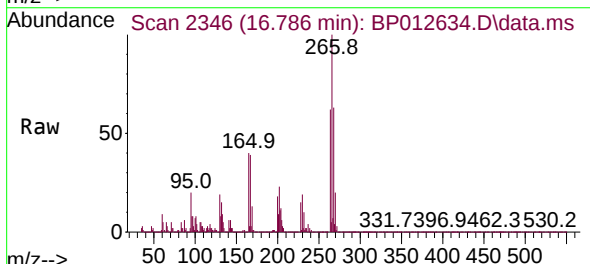
Manual Integrations
APPROVED

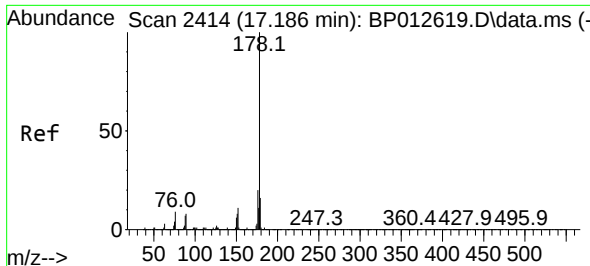
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#70
Pentachlorophenol
Concen: 100.725 ng
RT: 16.786 min Scan# 2346
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Tgt Ion:266 Resp: 1403930
Ion Ratio Lower Upper
266 100
268 63.1 51.8 77.8
264 62.3 51.4 77.2





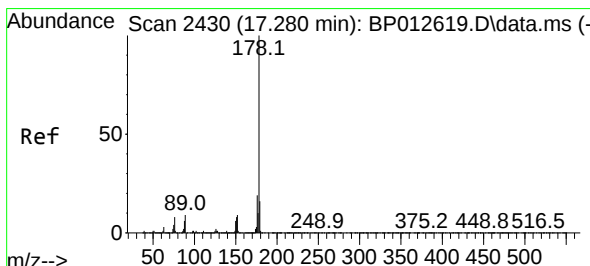
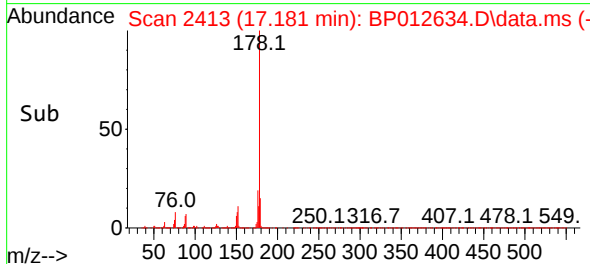
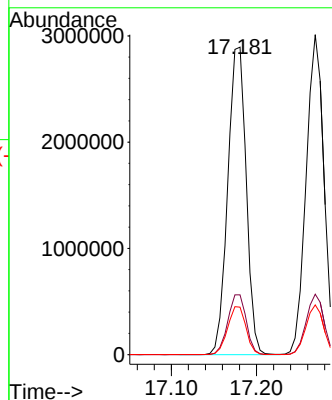
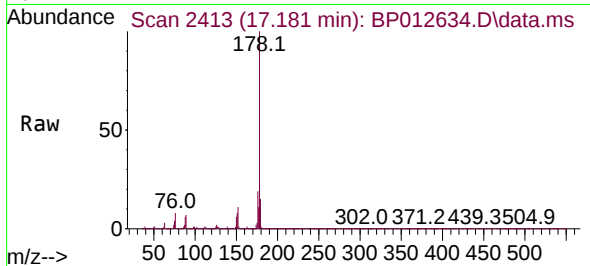
#71
Phenanthrene
Concen: 46.842 ng
RT: 17.181 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Instrument :
BNA_P
ClientSampleId :
2182MSD

Tgt Ion:178 Resp: 4348252
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.4 12.6 18.8

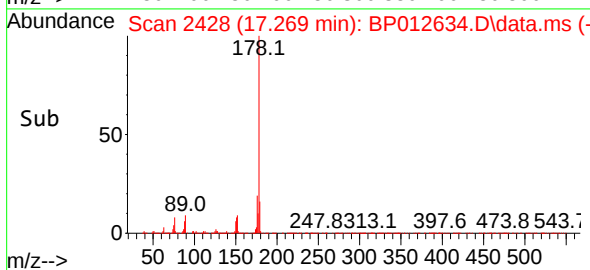
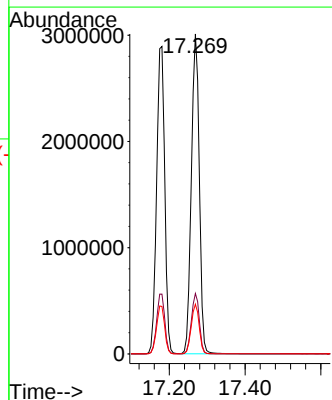
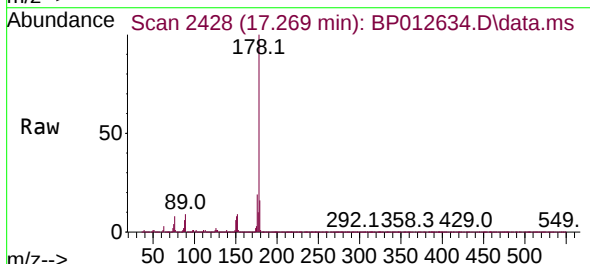
Manual Integrations
APPROVED

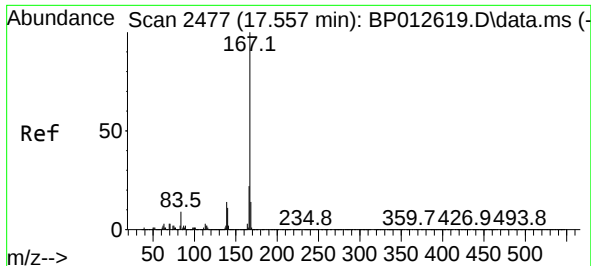
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#72
Anthracene
Concen: 49.110 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Tgt Ion:178 Resp: 4373807
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.5 12.5 18.7





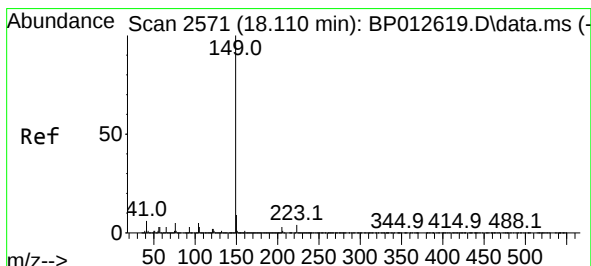
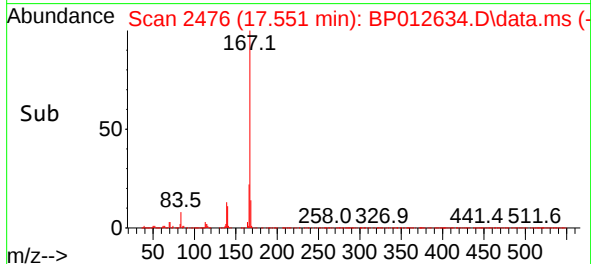
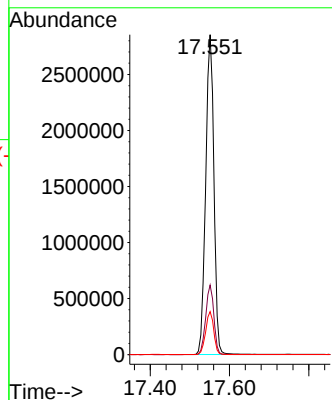
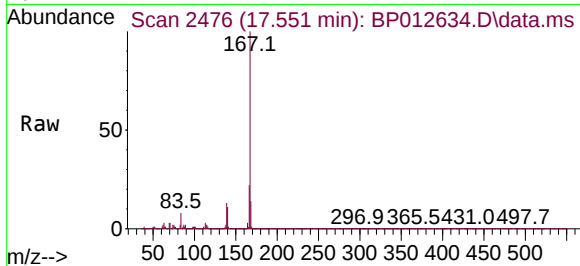
#73
 Carbazole
 Concen: 49.360 ng
 RT: 17.551 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP012634.D
 Acq: 12 Nov 2022 23:39

Instrument :
 BNA_P
 ClientSampleId :
 2182MSD

Tgt Ion:167 Resp: 411666
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 13.4 10.9 16.3

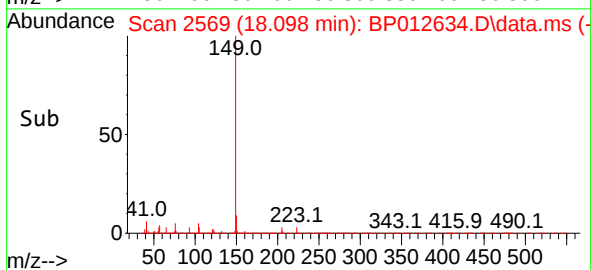
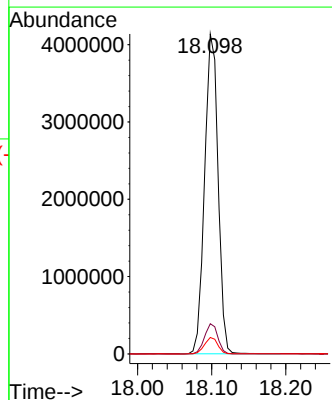
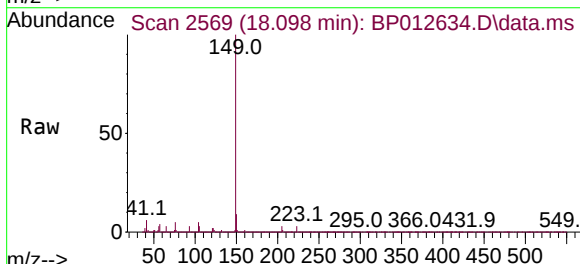
Manual Integrations
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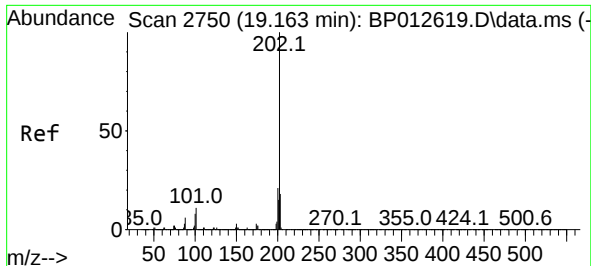
Reviewed By :Christian Giraldo 11/14/2022
 Supervised By :Jagrut Upadhyay 11/14/2022



#74
 Di-n-butylphthalate
 Concen: 50.078 ng
 RT: 18.098 min Scan# 2569
 Delta R.T. -0.012 min
 Lab File: BP012634.D
 Acq: 12 Nov 2022 23:39

Tgt Ion:149 Resp: 5215728
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.1 4.1 6.1





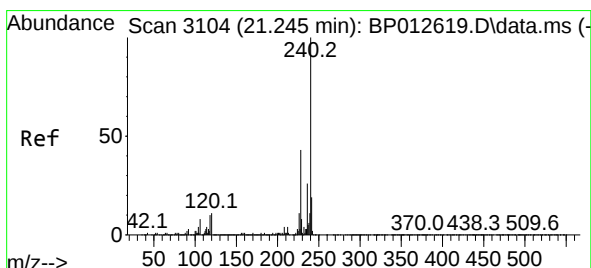
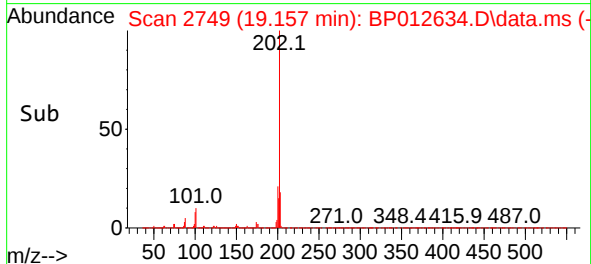
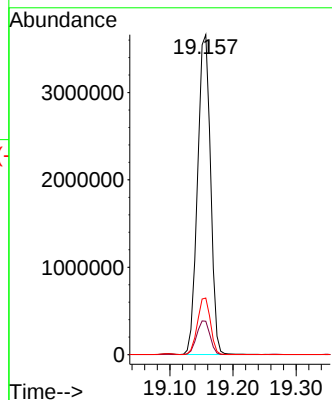
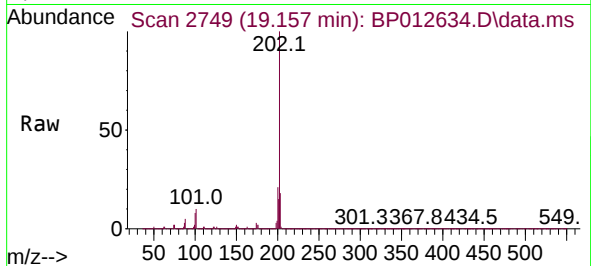
#75
Fluoranthene
Concen: 48.029 ng
RT: 19.157 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Instrument :
BNA_P
ClientSampleId :
2182MSD

Tgt Ion:202 Resp: 522512
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.1
203 17.7 0.0 38.1

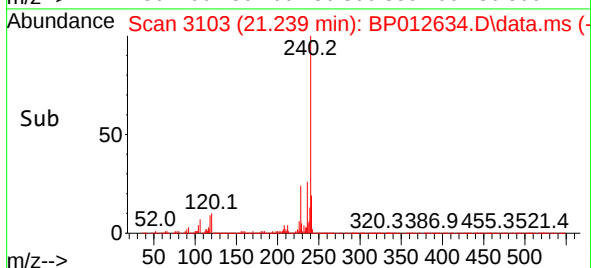
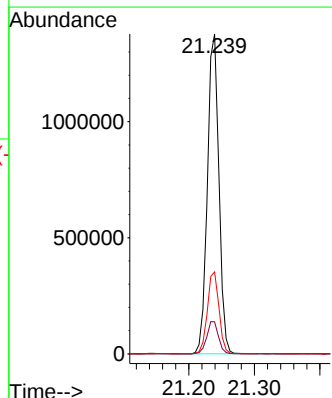
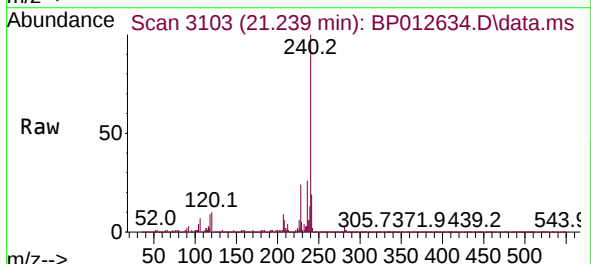
Manual Integrations
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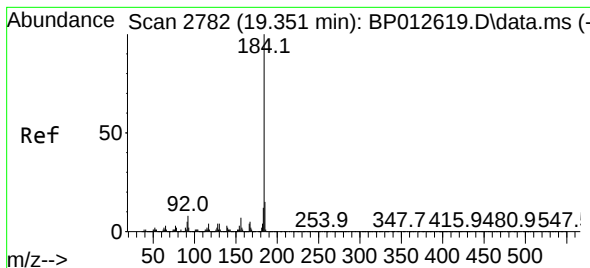
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.239 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Tgt Ion:240 Resp: 1671563
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 25.6 20.8 31.2





#77

Benzidine

Concen: 10.481 ng

RT: 19.345 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012634.D

Acq: 12 Nov 2022 23:39

Instrument :

BNA_P

ClientSampleId :

2182MSD

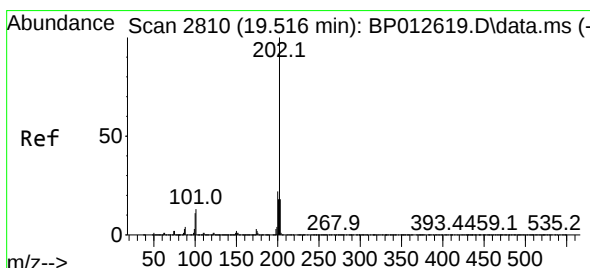
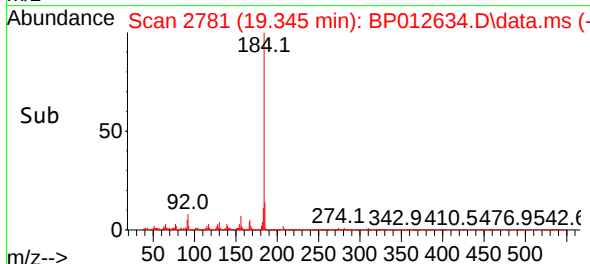
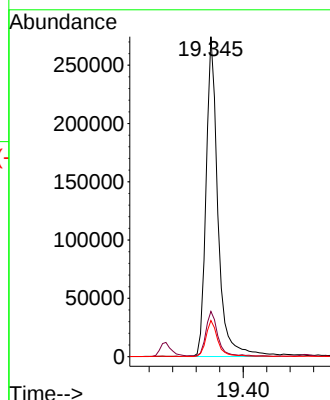
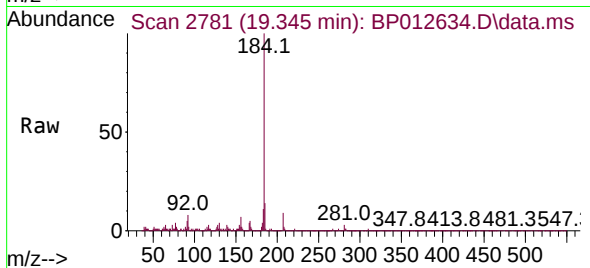
Tgt Ion:184	Resp: 386535
Ion Ratio	Lower Upper
184 100	
185 14.1	11.6 17.4
183 11.3	9.3 13.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#78

Pyrene

Concen: 46.742 ng

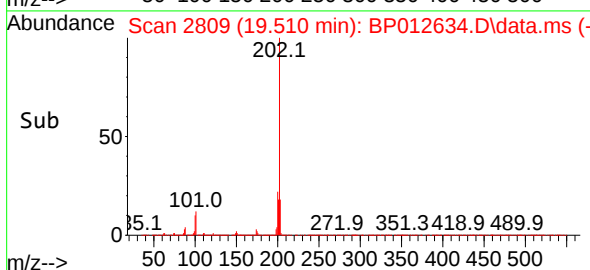
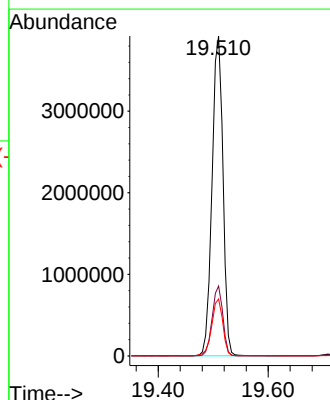
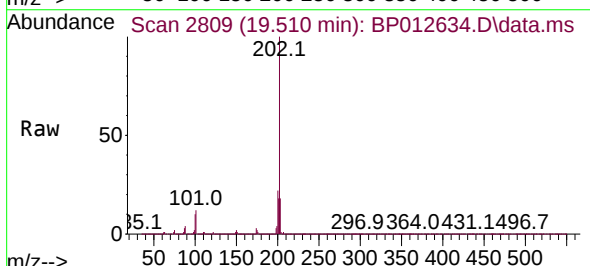
RT: 19.510 min Scan# 2809

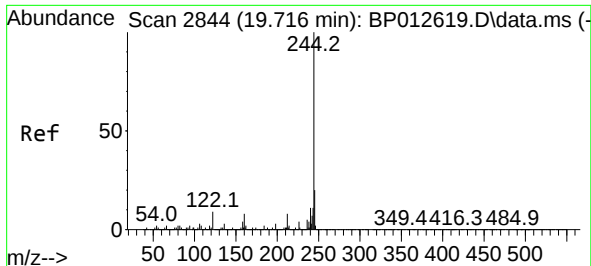
Delta R.T. -0.006 min

Lab File: BP012634.D

Acq: 12 Nov 2022 23:39

Tgt Ion:202	Resp: 5390062
Ion Ratio	Lower Upper
202 100	
200 21.8	17.4 26.0
203 17.8	14.3 21.5





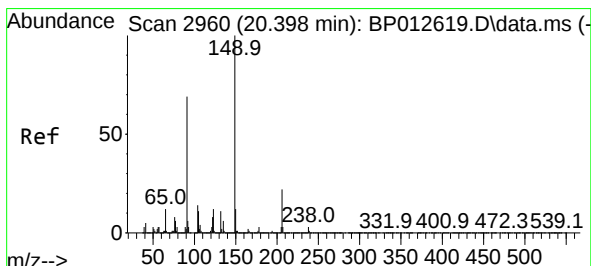
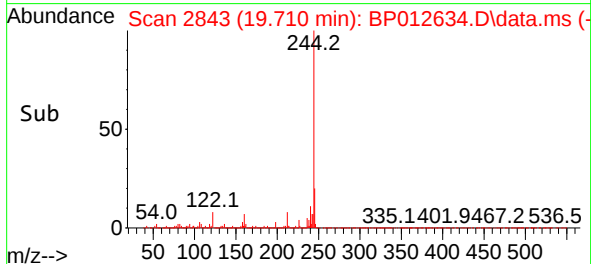
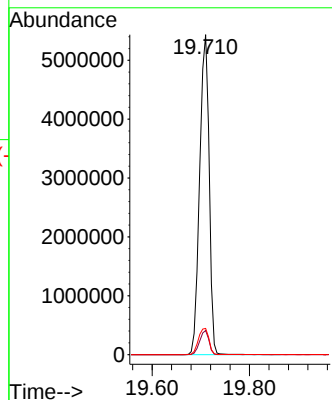
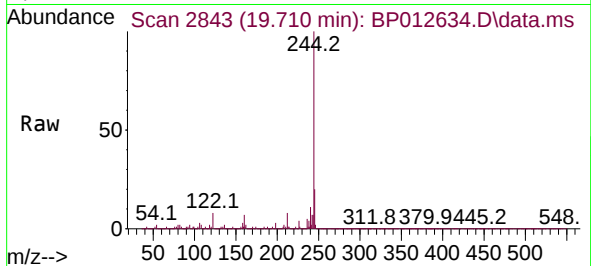
#79
 Terphenyl-d14
 Concen: 88.475 ng
 RT: 19.710 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BP012634.D
 Acq: 12 Nov 2022 23:39

Instrument :
 BNA_P
 ClientSampleId :
 2182MSD

Tgt Ion:244 Resp: 7299973
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 8.2 7.0 10.4

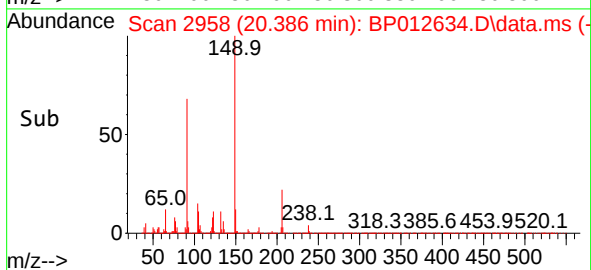
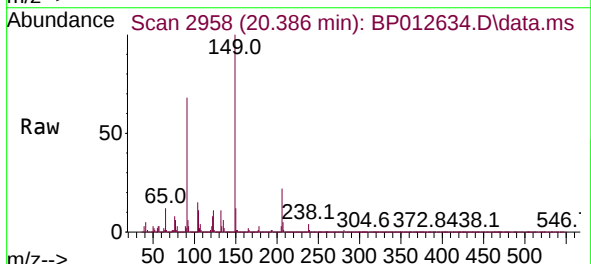
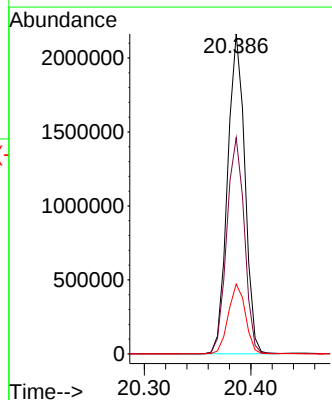
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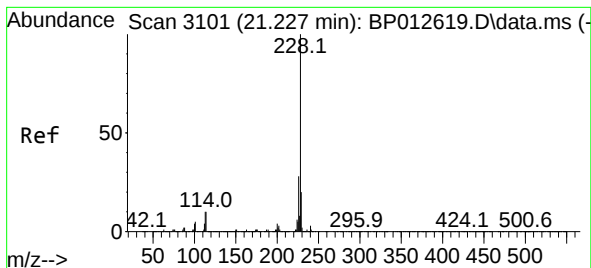
Reviewed By :Christian Giraldo 11/14/2022
 Supervised By :Jagrut Upadhyay 11/14/2022



#80
 Butylbenzylphthalate
 Concen: 50.027 ng
 RT: 20.386 min Scan# 2958
 Delta R.T. -0.012 min
 Lab File: BP012634.D
 Acq: 12 Nov 2022 23:39

Tgt Ion:149 Resp: 2443293
 Ion Ratio Lower Upper
 149 100
 91 67.6 55.0 82.4
 206 21.8 17.4 26.2





#81

Benzo(a)anthracene

Concen: 46.633 ng

RT: 21.222 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BP012634.D

Acq: 12 Nov 2022 23:39

Instrument :

BNA_P

ClientSampleId :

2182MSD

Tgt Ion:228 Resp: 5212226

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

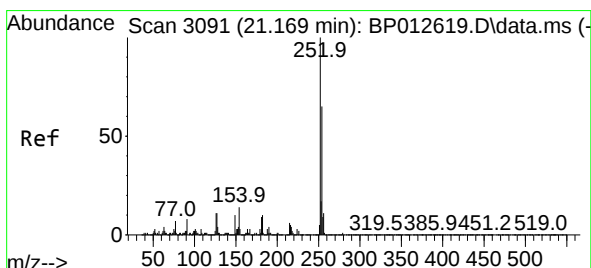
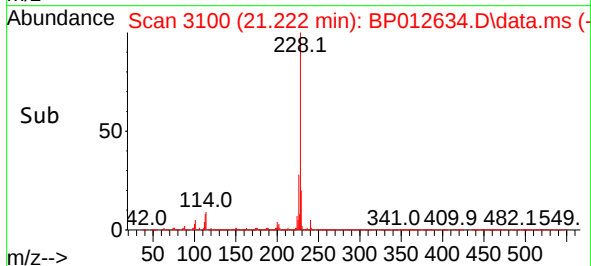
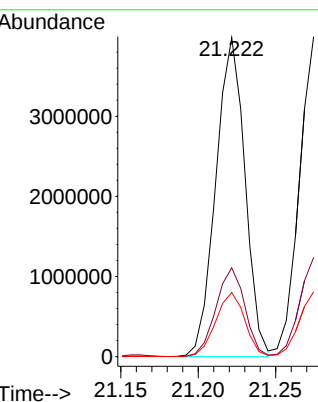
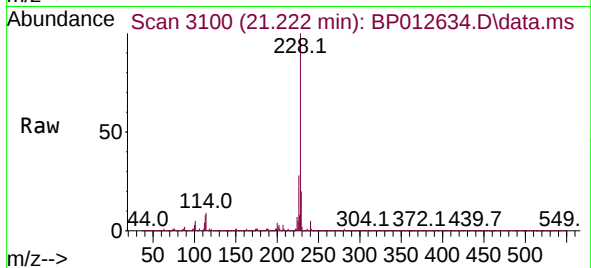
229 20.1 16.2 24.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#82

3,3'-Dichlorobenzidine

Concen: 38.701 ng

RT: 21.163 min Scan# 3090

Delta R.T. -0.006 min

Lab File: BP012634.D

Acq: 12 Nov 2022 23:39

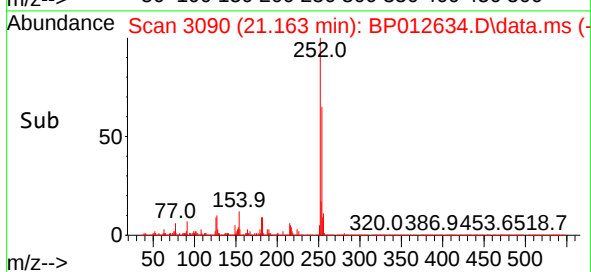
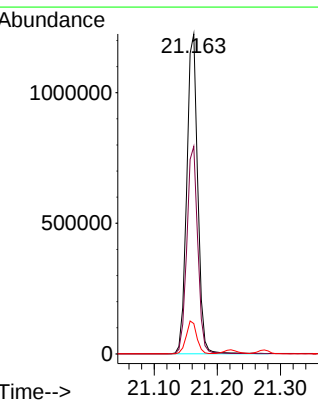
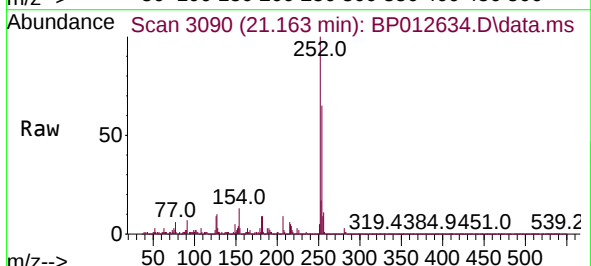
Tgt Ion:252 Resp: 1477139

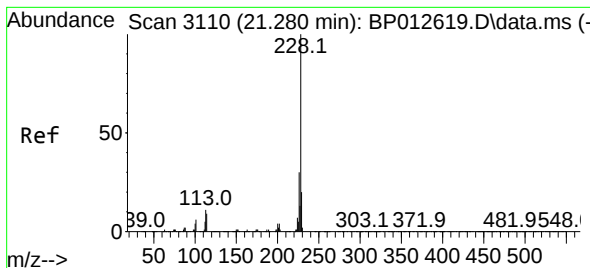
Ion Ratio Lower Upper

252 100

254 64.8 51.7 77.5

126 9.5 8.7 13.1





#83

Chrysene

Concen: 45.657 ng

RT: 21.274 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP012634.D

Acq: 12 Nov 2022 23:39

Instrument :

BNA_P

ClientSampleId :

2182MSD

Tgt Ion:228 Resp: 4864098

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.4

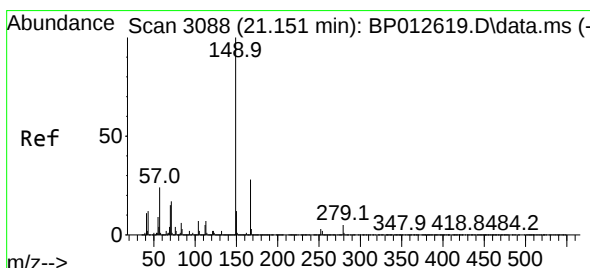
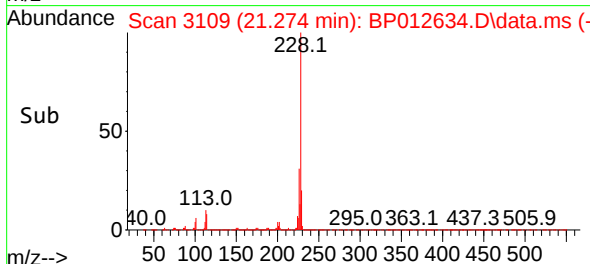
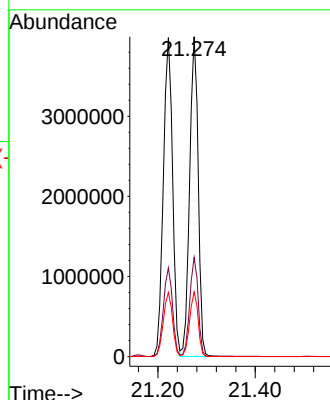
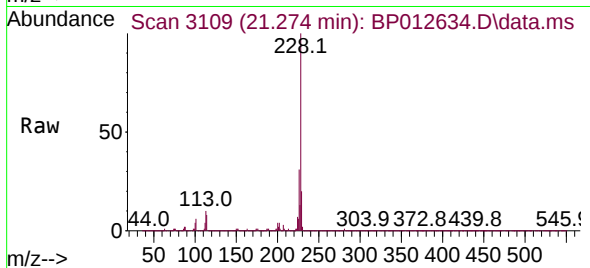
229 20.2 16.2 24.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.117 ng

RT: 21.145 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BP012634.D

Acq: 12 Nov 2022 23:39

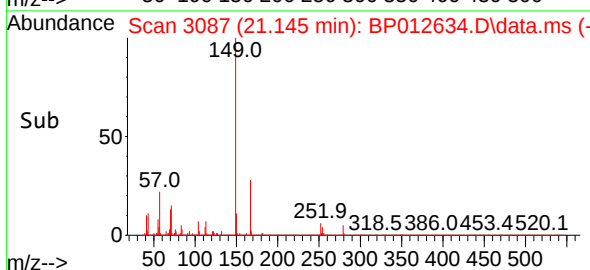
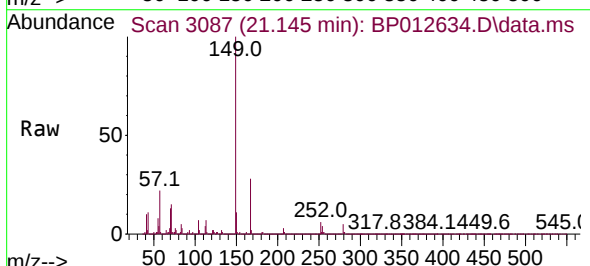
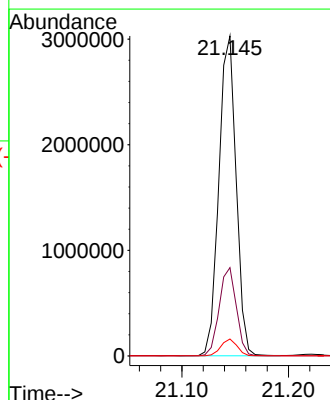
Tgt Ion:149 Resp: 3414498

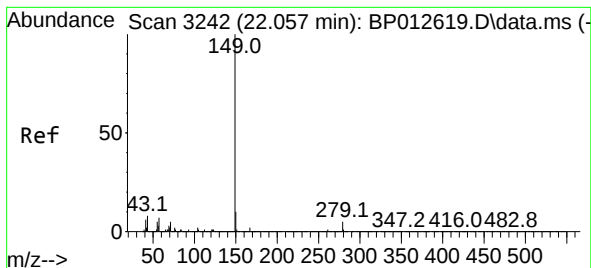
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

279 5.3 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 52.131 ng

RT: 22.051 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP012634.D

Acq: 12 Nov 2022 23:39

Instrument :

BNA_P

ClientSampleId :

2182MSD

Tgt Ion:149 Resp: 5874103

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

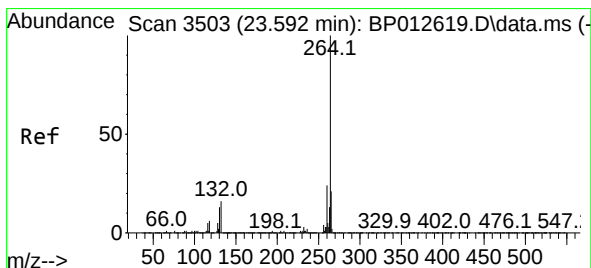
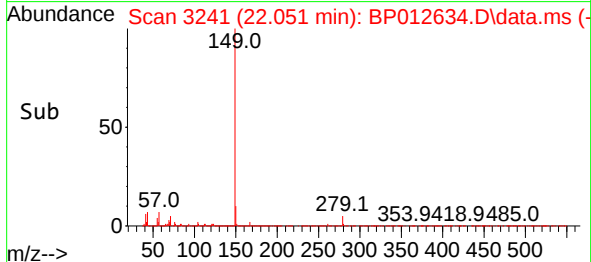
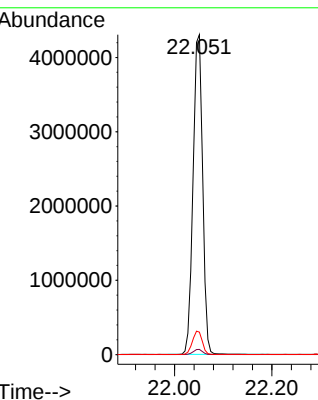
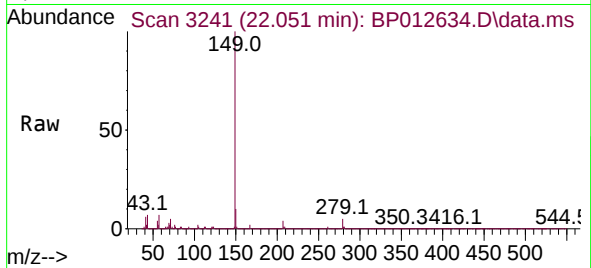
43 7.5 6.4 9.6

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Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.580 min Scan# 3501

Delta R.T. -0.012 min

Lab File: BP012634.D

Acq: 12 Nov 2022 23:39

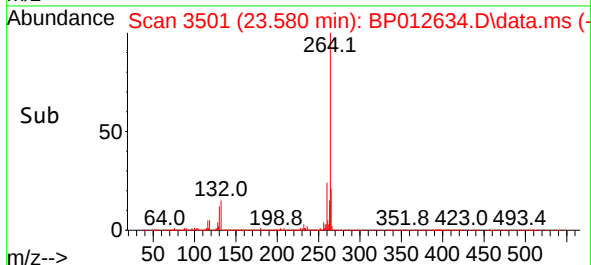
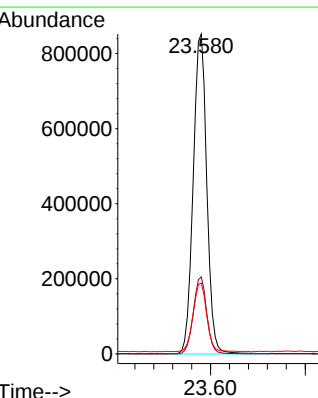
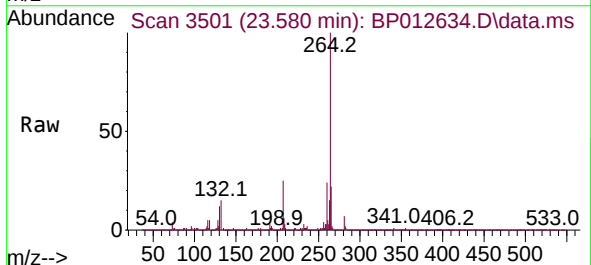
Tgt Ion:264 Resp: 1695861

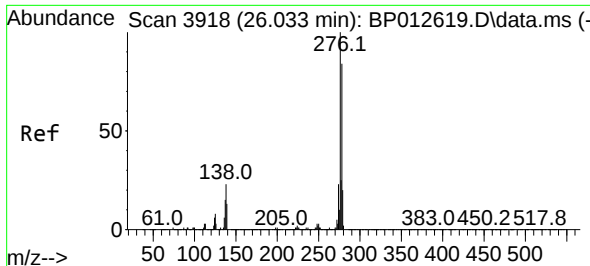
Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

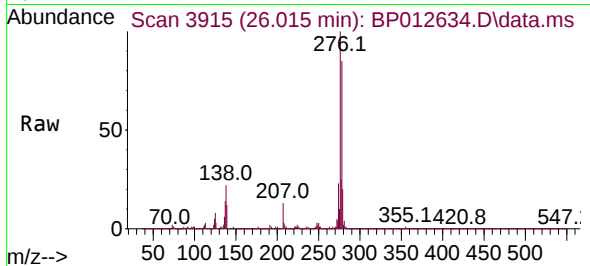
265 22.1 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.387 ng
RT: 26.015 min Scan# 3918
Delta R.T. -0.018 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

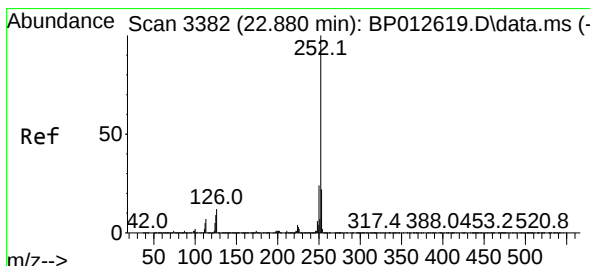
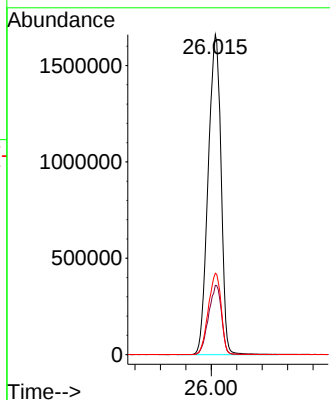
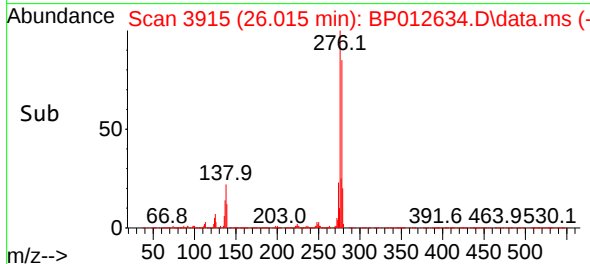
Instrument :
BNA_P
ClientSampleId :
2182MSD



Tgt Ion: 276 Resp: 5814963
Ion Ratio Lower Upper
276 100
138 21.8 18.6 27.8
277 25.4 20.2 30.4

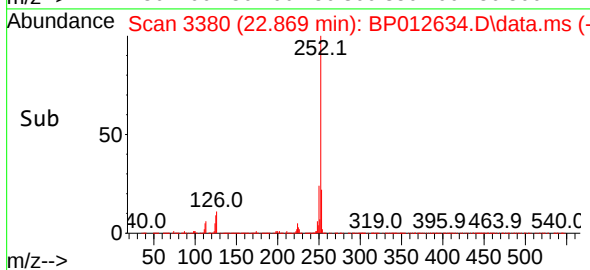
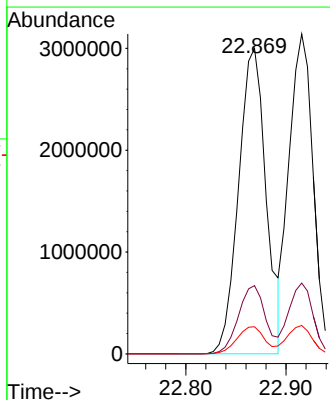
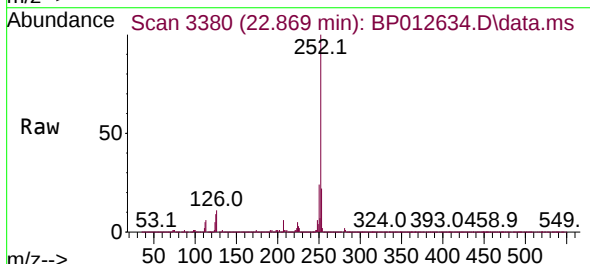
Manual Integrations
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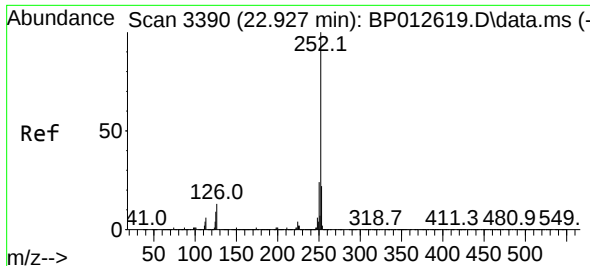
Reviewed By : Christian Giraldo 11/14/2022
Supervised By : Jagrut Upadhyay 11/14/2022



#88
Benzo(b)fluoranthene
Concen: 52.394 ng
RT: 22.869 min Scan# 3380
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Tgt Ion: 252 Resp: 5716275
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 8.9 7.6 11.4





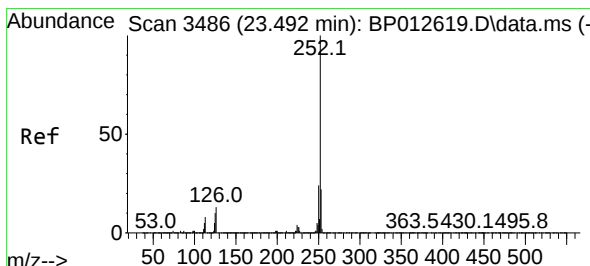
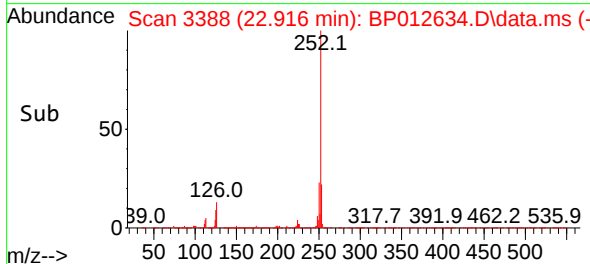
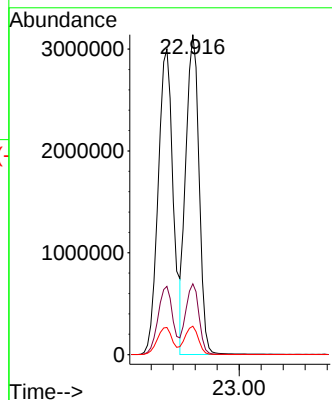
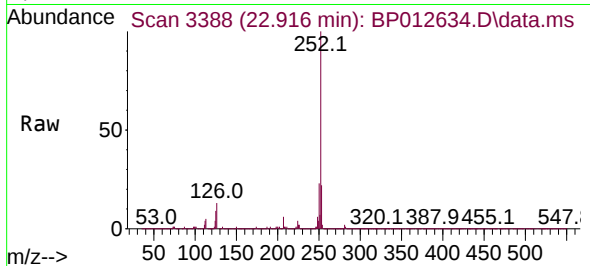
#89
Benzo(k)fluoranthene
Concen: 49.271 ng
RT: 22.916 min Scan# 3390
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Instrument :
BNA_P
ClientSampleId :
2182MSD

Tgt Ion:252 Resp: 524511
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.9 7.7 11.5

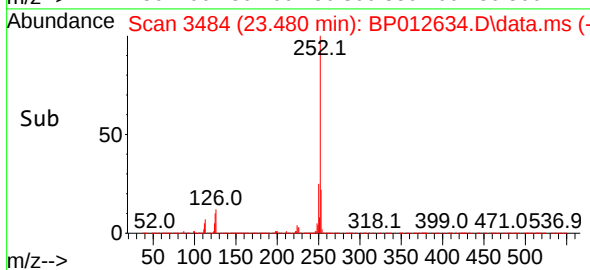
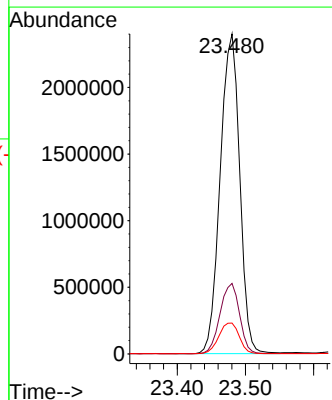
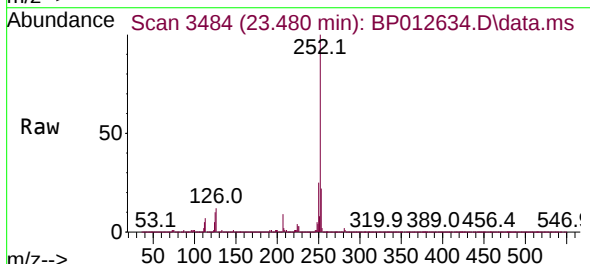
Manual Integrations
APPROVED

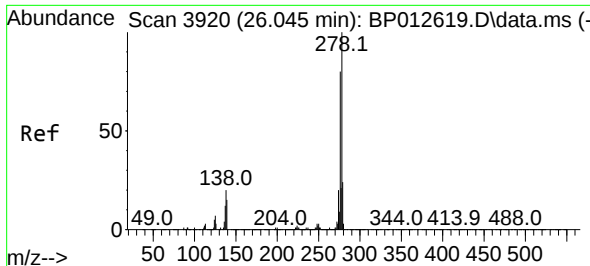
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#90
Benzo(a)pyrene
Concen: 53.340 ng
RT: 23.480 min Scan# 3484
Delta R.T. -0.012 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Tgt Ion:252 Resp: 4752186
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.6 8.2 12.4





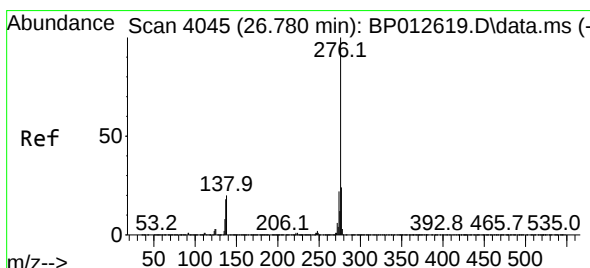
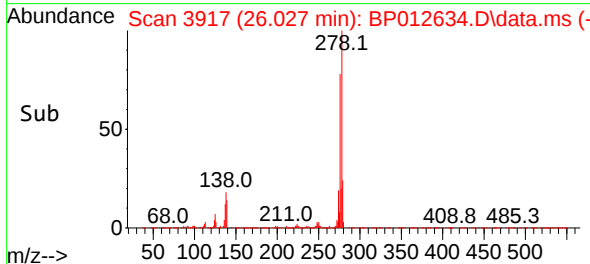
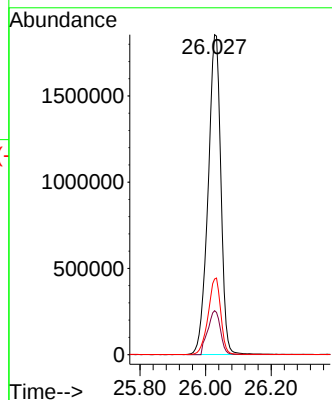
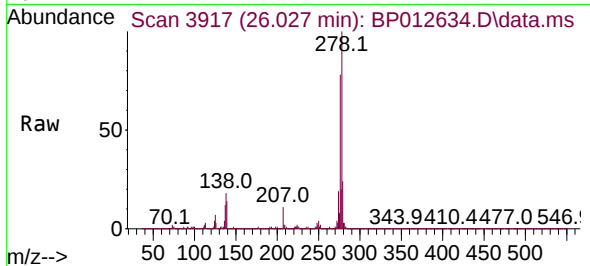
#91
Dibenzo(a,h)anthracene
Concen: 49.843 ng
RT: 26.027 min Scan# 3917
Delta R.T. -0.018 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Instrument :
BNA_P
ClientSampleId :
2182MSD

Tgt Ion:278 Resp: 5006708
Ion Ratio Lower Upper
278 100
139 13.7 11.8 17.8
279 23.6 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#92
Benzo(g,h,i)perylene
Concen: 49.737 ng
RT: 26.762 min Scan# 4042
Delta R.T. -0.018 min
Lab File: BP012634.D
Acq: 12 Nov 2022 23:39

Tgt Ion:276 Resp: 4878414
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.2
138 19.2 16.2 24.4

