

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050123\
 Data File : BP014916.D
 Acq On : 01 May 2023 15:50
 Operator : CG/JU
 Sample : 02528-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA37MSD

Quant Time: May 02 00:42:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 29 00:40:33 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	201496	20.000	ng/u1	0.00
20) Naphthalene-d8	11.010	136	809879	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.816	164	455834	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.575	188	910505	20.000	ng/u1	0.00
79) Chrysene-d12	21.663	240	822827	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	904073	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	27905	4.991	ng/uL	0.00
4) Pyridine-d5	3.905	84	149134	11.097	ng/u1	0.00
7) Phenol-d5	7.310	99	132279	8.388	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.487	67	487923	49.329	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	408193	34.185	ng/u1	0.00
15) 4-Methylphenol-d8	8.881	113	253775	21.118	ng/u1	0.00
21) Nitrobenzene-d5	9.346	128	306913	52.780	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	262041	49.090	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	465402	40.595	ng/u1	0.00
31) 4-Chloroaniline-d4	11.140	131	488876	29.494	ng/u1	0.00
46) Dimethylphthalate-d6	14.216	166	1937442	59.308	ng/u1	0.00
49) Acenaphthylene-d8	14.510	160	2173304	55.694	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	46648	9.597	ng/u1	0.00
60) Fluorene-d10	15.810	176	1618780	56.847	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	253926	65.932	ng/u1	0.00
73) Anthracene-d10	17.675	188	2533761	60.933	ng/u1	0.00
81) Pyrene-d10	19.892	212	2897636	63.404	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.098	264	2893384	64.796	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	537424	90.274	ng/uL	98
5) Pyridine	3.928	79	164087	11.642	ng/u1	99
6) Benzaldehyde	7.293	77	313099	70.064	ng/u1	98
8) Phenol	7.340	94	86030	5.260	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.581	93	448331	31.989	ng/u1	99
12) 2-Chlorophenol	7.728	128	251650	19.640	ng/u1	98
13) 2-Methylphenol	8.610	108	178771	14.109	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.704	45	582541m	32.898	ng/u1	
16) Acetophenone	9.004	105	668829	34.265	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.987	70	332972	35.933	ng/u1	99
18) 4-Methylphenol	8.940	108	168620	12.611	ng/u1	97
19) Hexachloroethane	9.269	117	179842	29.794	ng/u1	98
22) Nitrobenzene	9.393	77	494334	33.511	ng/u1	99
23) Isophorone	9.922	82	960742	36.154	ng/u1	99
25) 2-Nitrophenol	10.110	139	164806	27.481	ng/u1	97
26) 2,4-Dimethylphenol	10.163	107	265947	18.588	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.404	93	604381	32.980	ng/u1	99
29) 2,4-Dichlorophenol	10.646	162	280231	24.475	ng/u1	98
30) Naphthalene	11.057	128	1411130	31.688	ng/u1	100
32) 4-Chloroaniline	11.163	127	458547	26.514	ng/u1	98
33) Hexachlorobutadiene	11.345	225	254729	28.962	ng/u1	99
34) Caprolactam	11.934	113	13589m	4.625	ng/u1	
35) 4-Chloro-3-methylphenol	12.269	107	257907	21.956	ng/u1	97
36) 2-Methylnaphthalene	12.651	142	904247	32.179	ng/u1	100

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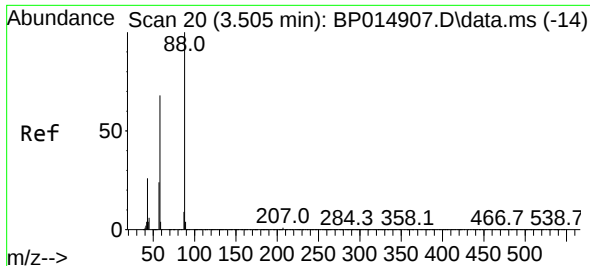
Quant Time: May 02 00:42:33 2023
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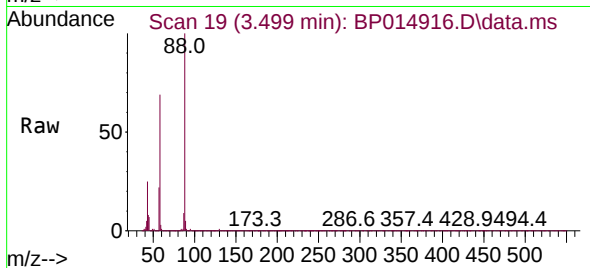
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.875	142	944751	33.486	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.016	216	483624	31.749	ng/ul	99
40) Hexachlorocyclopentadiene	12.998	237	242352	25.345	ng/ul	99
41) 2,4,6-Trichlorophenol	13.251	196	229736	29.683	ng/ul	99
42) 2,4,5-Trichlorophenol	13.316	196	249190	26.703	ng/ul	99
43) 1,1'-Biphenyl	13.651	154	1251631	34.222	ng/ul	99
44) 2-Chloronaphthalene	13.698	162	973685	33.802	ng/ul	99
45) 2-Nitroaniline	13.898	65	251729	40.003	ng/ul	98
47) Dimethylphthalate	14.263	163	1269570	37.594	ng/ul	100
48) 2,6-Dinitrotoluene	14.386	165	241814	39.749	ng/ul	94
50) Acenaphthylene	14.539	152	1544435	35.406	ng/ul	100
51) 3-Nitroaniline	14.716	138	209377	42.453	ng/ul	99
52) Acenaphthene	14.881	153	1065914	35.452	ng/ul	99
53) 2,4-Dinitrophenol	14.916	184	78675	34.235	ng/ul	99
55) 4-Nitrophenol	15.010	109	21637	5.886	ng/ul	92
56) Dibenzofuran	15.216	168	1472963	35.543	ng/ul	98
57) 2,4-Dinitrotoluene	15.169	165	339507	40.485	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.434	232	217462	30.533	ng/ul	96
59) Diethylphthalate	15.628	149	1286335	39.058	ng/ul	100
61) Fluorene	15.863	166	1226771	37.027	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.857	204	589222	35.189	ng/ul	98
63) 4-Nitroaniline	15.881	138	215147	54.631	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.933	198	150143	37.634	ng/ul	95
67) N-Nitrosodiphenylamine	16.069	169	1018866	37.928	ng/ul	98
68) 4-Bromophenyl-phenylether	16.751	248	365898	36.934	ng/ul	97
69) Hexachlorobenzene	16.875	284	419892	35.958	ng/ul	99
70) Atrazine	17.022	200	336339	34.584	ng/ul	99
71) Pentachlorophenol	17.216	266	173390	33.550	ng/ul	96
72) Phenanthrene	17.616	178	1933662	38.616	ng/ul	99
74) Anthracene	17.710	178	1944750	38.768	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.622	216	487149	32.483	ng/ul	99
76) Pentachlorobenzene	15.134	250	481906	33.475	ng/ul	99
77) Carbazole	17.969	167	1709820	39.960	ng/ul	100
78) Di-n-butylphthalate	18.504	149	2207241	41.582	ng/ul	100
80) Fluoranthene	19.569	202	2223682	40.214	ng/ul	100
82) Pyrene	19.922	202	2332729	39.694	ng/ul	99
83) Butylbenzylphthalate	20.774	149	935858	42.315	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.563	252	539004	30.182	ng/ul	99
85) Benzo(a)anthracene	21.639	228	2149668	38.950	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	1396883	41.666	ng/ul	100
87) Chrysene	21.698	228	2117761	38.555	ng/ul	99
89) Di-n-octyl phthalate	22.539	149	2358153	40.219	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	2214889	39.371	ng/ul	100
91) Benzo(k)fluoranthene	23.515	252	2288352	39.208	ng/ul	99
93) Benzo(a)pyrene	24.157	252	2025203	39.583	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.039	276	2649286	38.993	ng/ul	97
95) Dibenzo(a,h)anthracene	27.062	278	2202267	39.191	ng/ul	99
96) Benzo(g,h,i)perylene	27.892	276	2197541	39.188	ng/ul	99

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



#2
1,4-Dioxane
Concen: 90.274 ng/uL
RT: 3.499 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

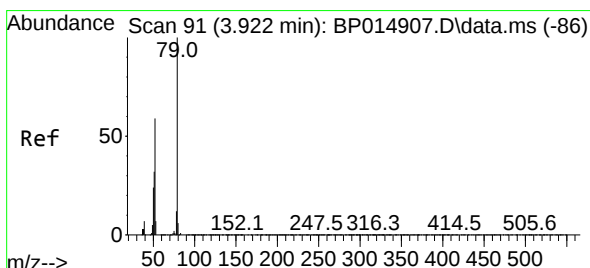
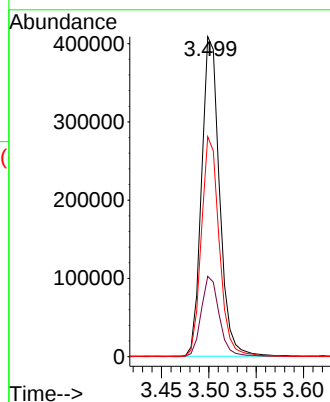
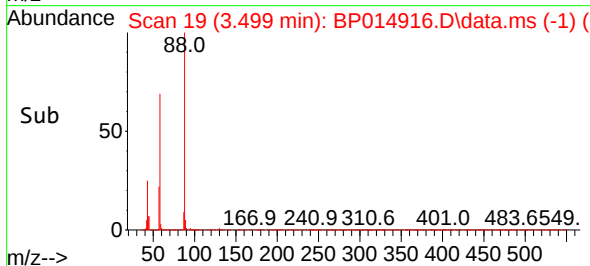
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



Tgt Ion: 88 Resp: 537424
Ion Ratio Lower Upper
88 100
43 25.1 22.2 33.4
58 68.8 55.1 82.7

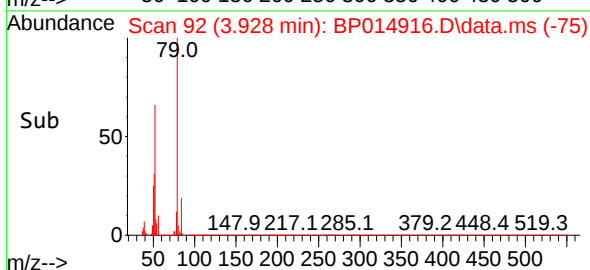
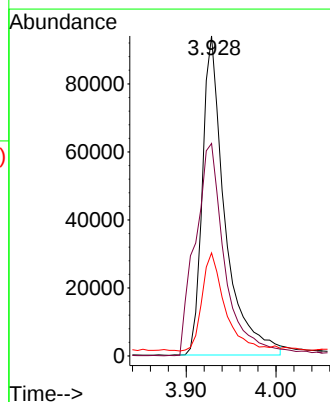
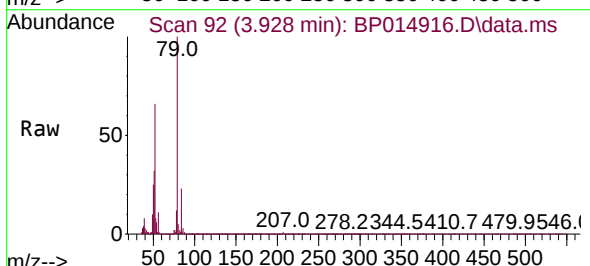
Manual Integrations
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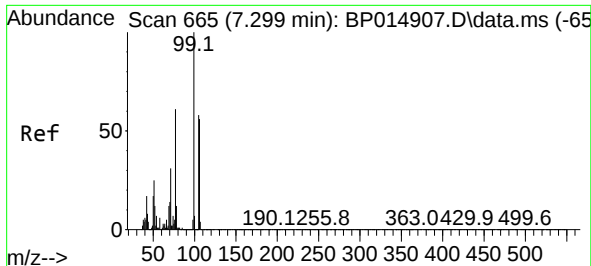
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#5
Pyridine
Concen: 11.642 ng/uL
RT: 3.928 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Tgt Ion: 79 Resp: 164087
Ion Ratio Lower Upper
79 100
52 66.4 53.2 79.8
51 32.2 26.5 39.7





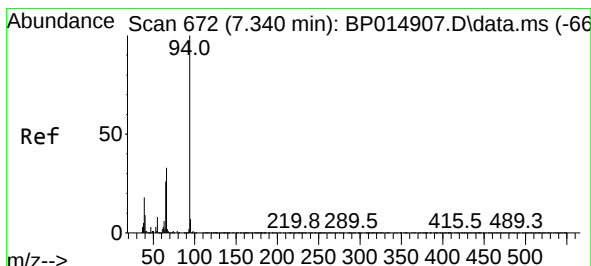
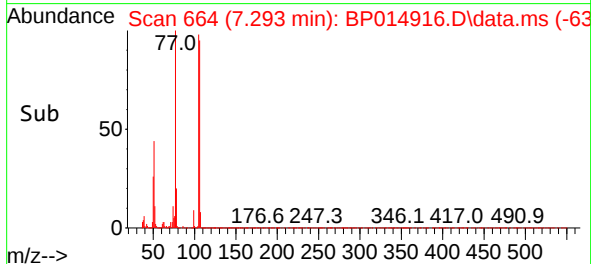
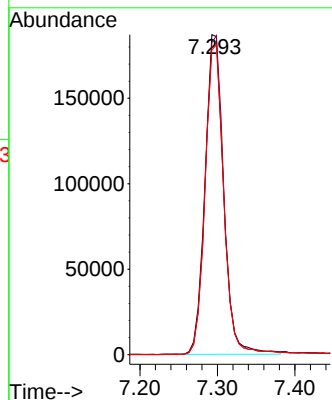
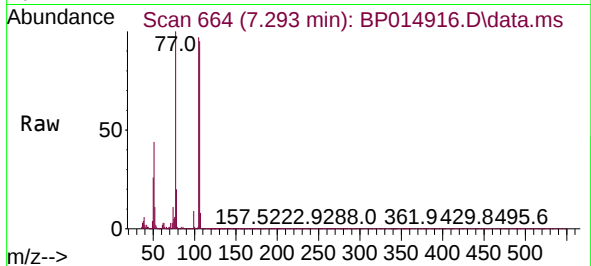
#6
Benzaldehyde
Concen: 70.064 ng/ul
RT: 7.293 min Scan# 665
Delta R.T. -0.012 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Instrument :
BNA_P
ClientSampleId :
HOA37MSD

Tgt Ion: 77 Resp: 313095
Ion Ratio Lower Upper
77 100
105 97.5 79.4 119.0
106 95.1 77.6 116.4

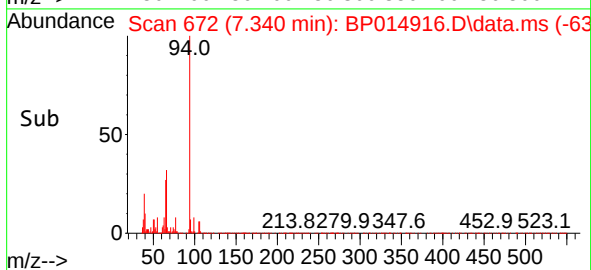
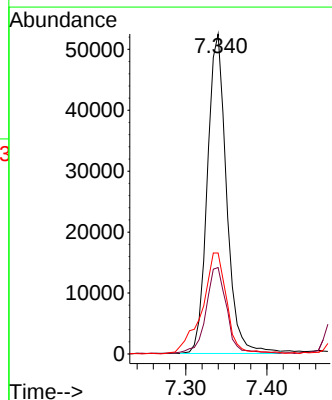
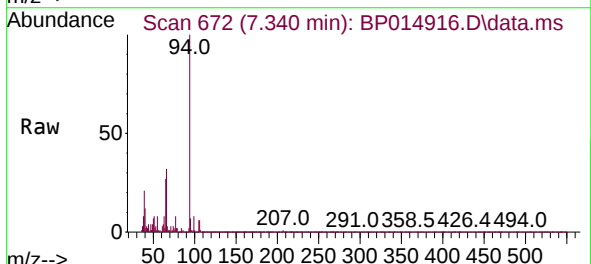
Manual Integrations
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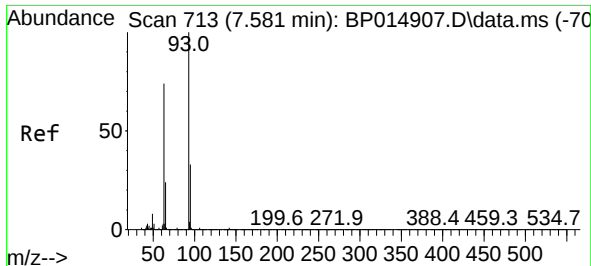
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#8
Phenol
Concen: 5.260 ng/ul
RT: 7.340 min Scan# 672
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

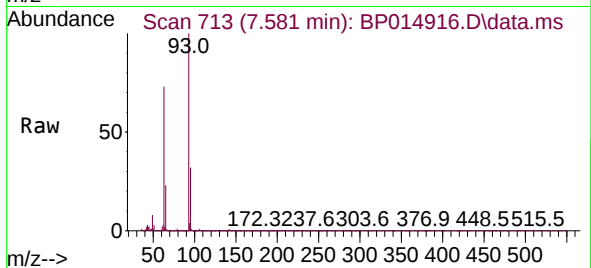
Tgt Ion: 94 Resp: 86030
Ion Ratio Lower Upper
94 100
65 27.0 21.1 31.7
66 31.5 26.3 39.5





#10
Bis(2-Chloroethyl)ether
Concen: 31.989 ng/ul
RT: 7.581 min Scan# 713
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

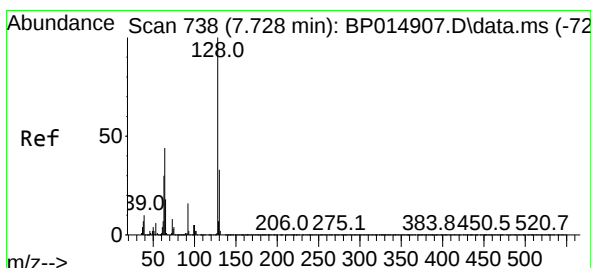
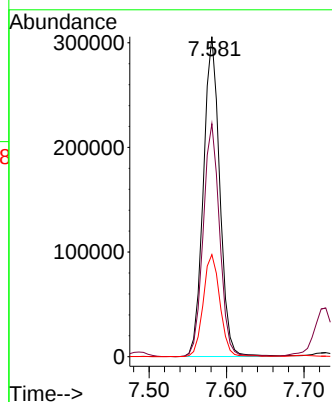
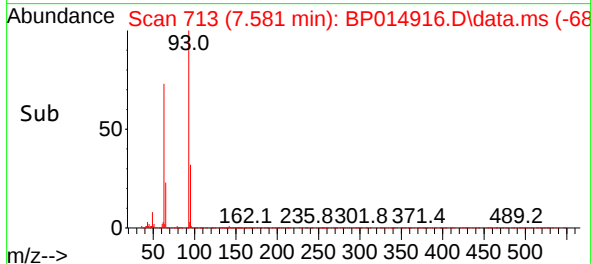
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



Tgt Ion: 93 Resp: 44833
Ion Ratio Lower Upper
93 100
63 72.8 57.9 86.9
95 31.9 26.4 39.6

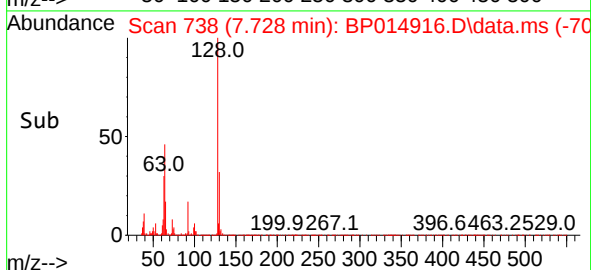
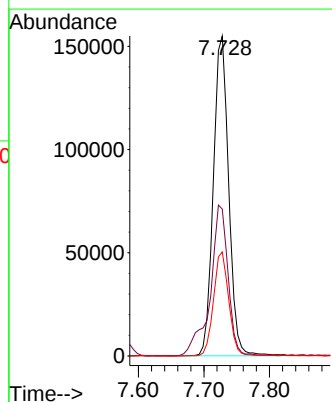
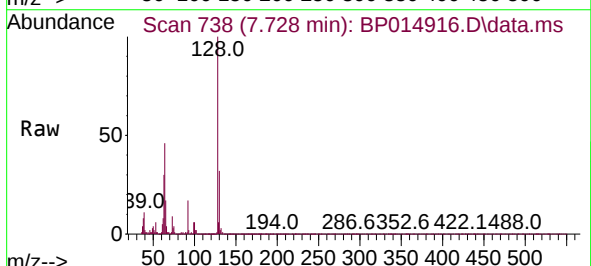
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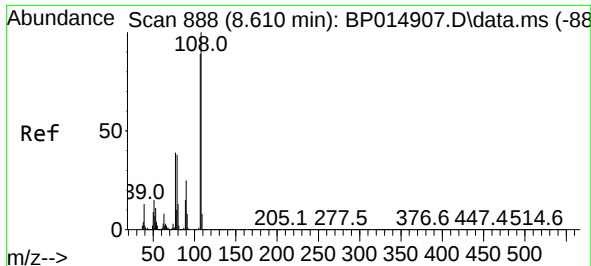
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#12
2-Chlorophenol
Concen: 19.640 ng/ul
RT: 7.728 min Scan# 738
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Tgt Ion:128 Resp: 251650
Ion Ratio Lower Upper
128 100
64 45.9 35.5 53.3
130 32.5 26.8 40.2





#13

2-Methylphenol

Concen: 14.109 ng/ul

RT: 8.610 min Scan# 888

Delta R.T. -0.006 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

Instrument :

BNA_P

ClientSampleId :

HOA37MSD

Tgt Ion:108 Resp: 17877

Ion Ratio Lower Upper

108 100

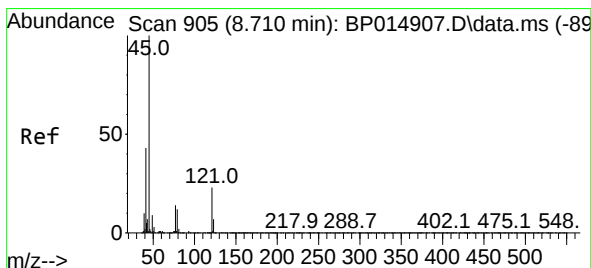
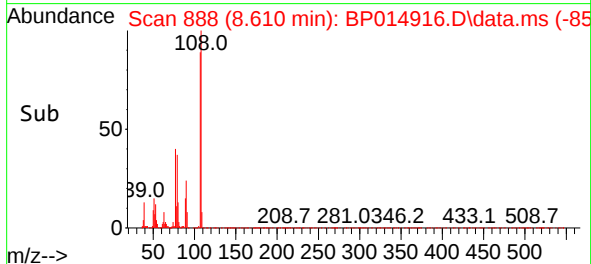
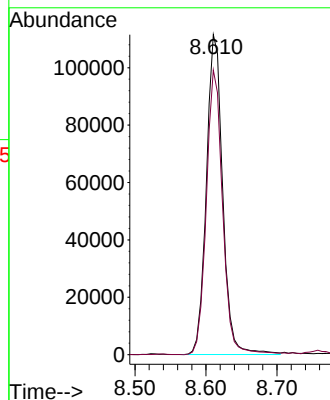
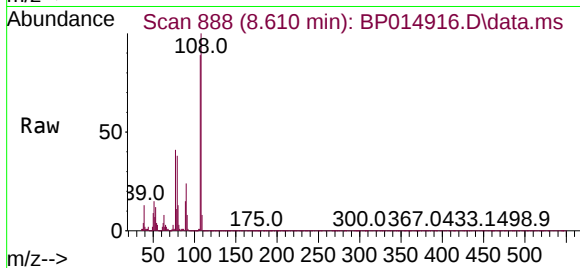
107 89.0 71.3 106.9

Manual Integrations

APPROVED

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 32.898 ng/ul m

RT: 8.704 min Scan# 904

Delta R.T. -0.012 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

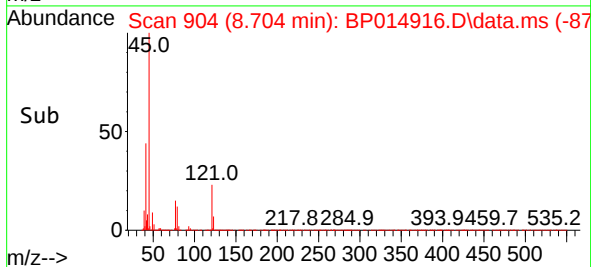
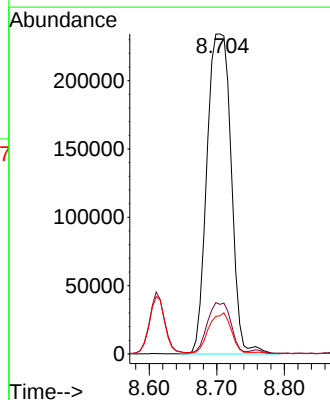
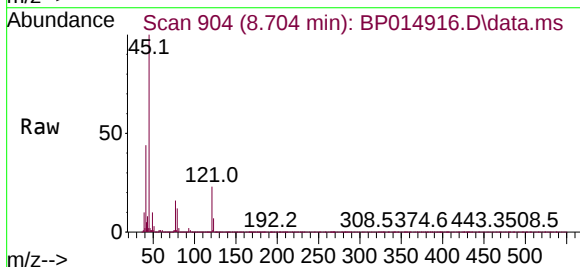
Tgt Ion: 45 Resp: 582541

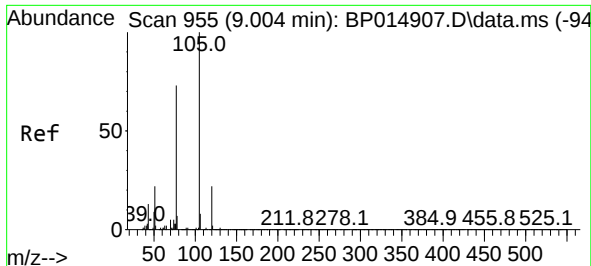
Ion Ratio Lower Upper

45 100

77 15.5 12.7 19.1

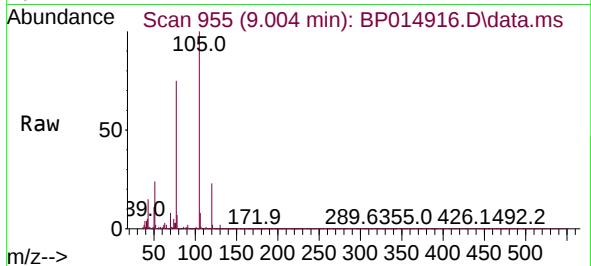
79 11.9 10.3 15.5





#16
Acetophenone
Concen: 34.265 ng/ul
RT: 9.004 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

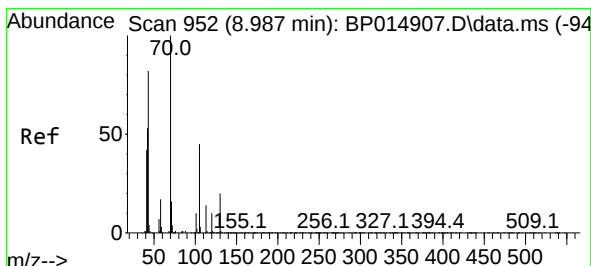
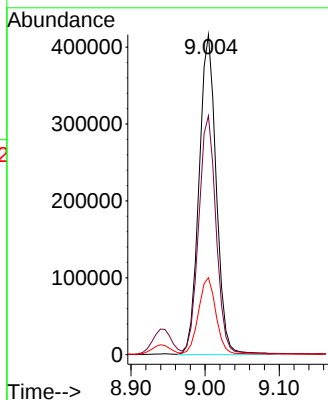
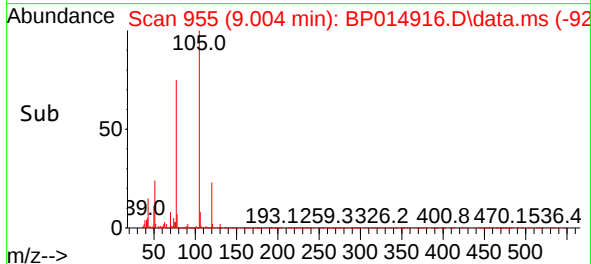
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BNA_P
ClientSampleId :
HOA37MSD



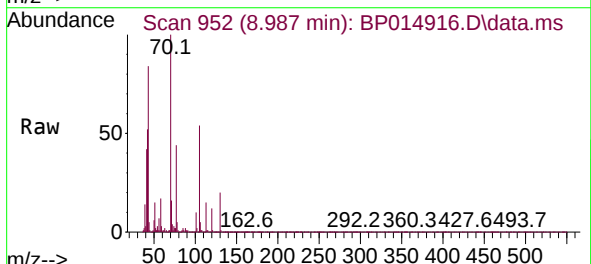
Tgt Ion: 105 Resp: 668829
Ion Ratio Lower Upper
105 100
77 74.6 59.8 89.6
51 24.0 19.4 29.2

Manual Integrations
APPROVED

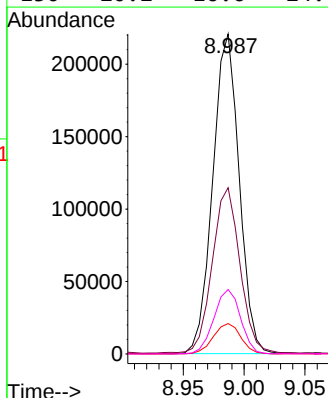
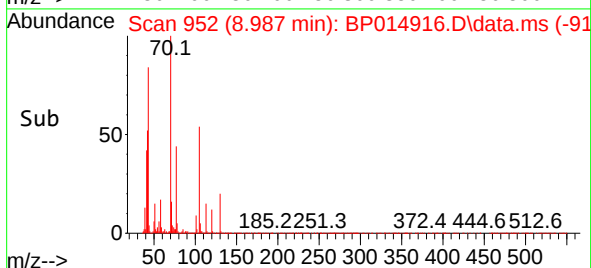
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

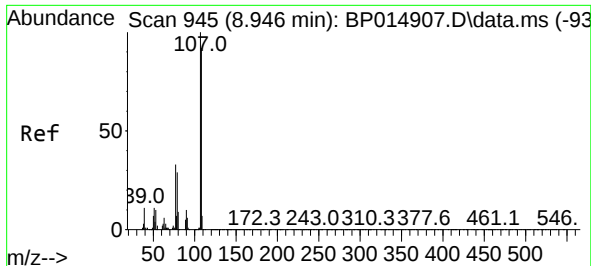


#17
N-Nitroso-di-n-propylamine
Concen: 35.933 ng/ul
RT: 8.987 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50



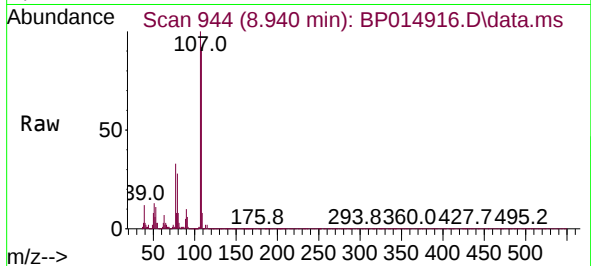
Tgt Ion: 70 Resp: 332972
Ion Ratio Lower Upper
70 100
42 51.9 40.9 61.3
101 9.5 8.2 12.4
130 20.2 16.6 24.8





#18
4-Methylphenol
Concen: 12.611 ng/ul
RT: 8.940 min Scan# 945
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

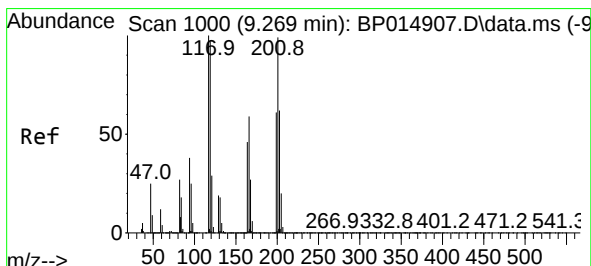
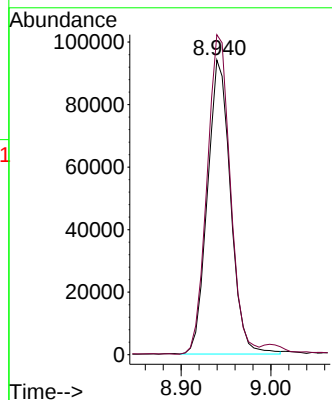
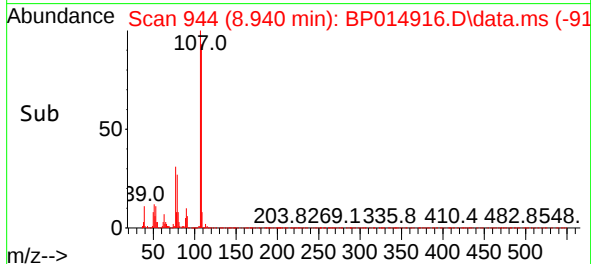
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



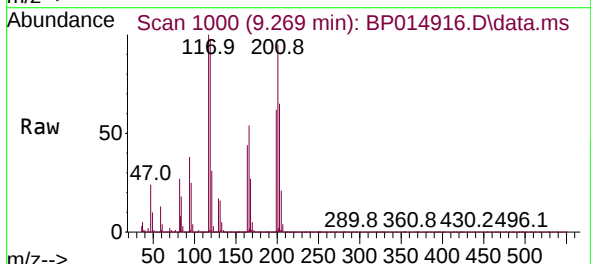
Tgt Ion:108 Resp: 168620
Ion Ratio Lower Upper
108 100
107 108.6 89.2 133.8

Manual Integrations
APPROVED

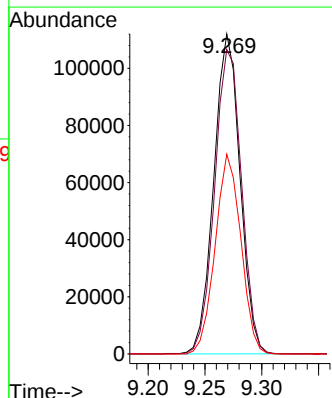
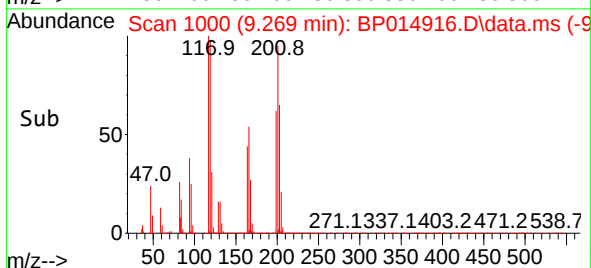
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

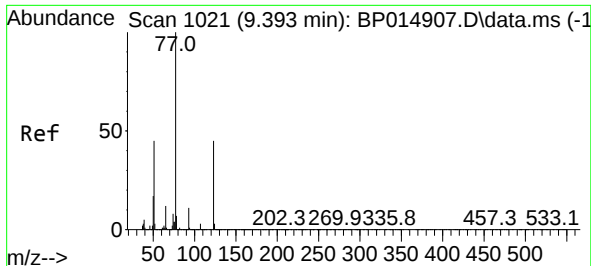


#19
Hexachloroethane
Concen: 29.794 ng/ul
RT: 9.269 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50



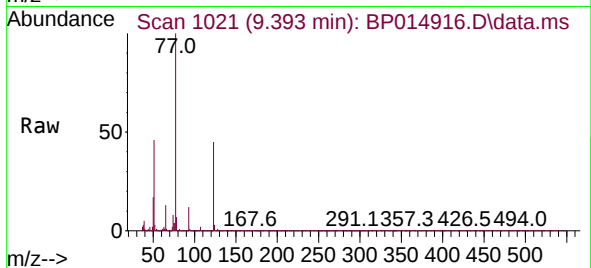
Tgt Ion:117 Resp: 179842
Ion Ratio Lower Upper
117 100
201 95.1 78.9 118.3
199 62.4 49.4 74.0





#22
Nitrobenzene
Concen: 33.511 ng/ul
RT: 9.393 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

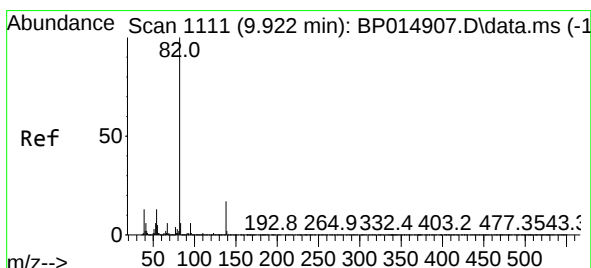
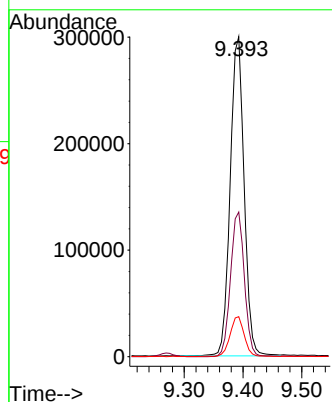
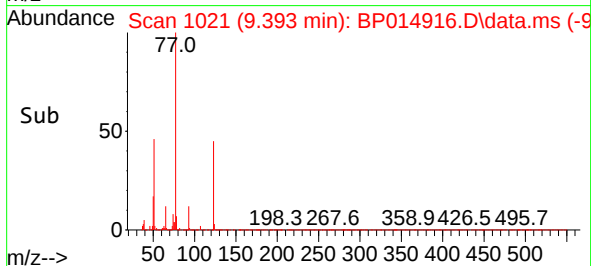
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



Tgt Ion: 77 Resp: 494334
Ion Ratio Lower Upper
77 100
123 45.2 35.7 53.5
65 12.5 10.0 15.0

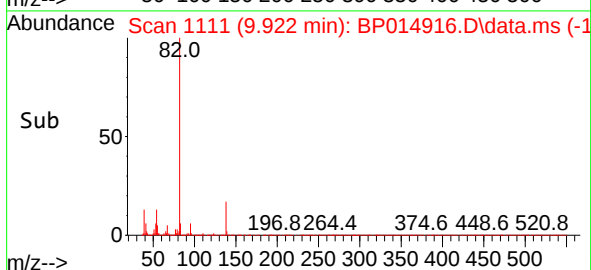
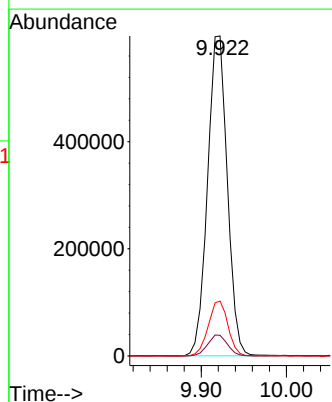
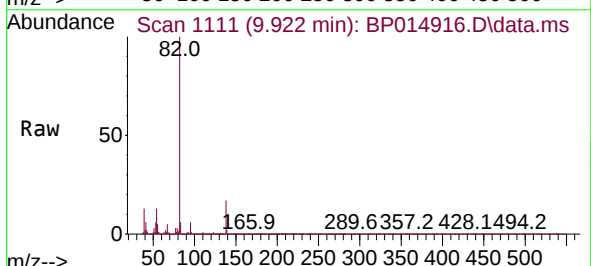
Manual Integrations
APPROVED

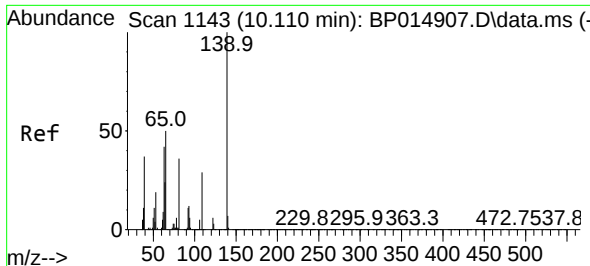
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#23
Isophorone
Concen: 36.154 ng/ul
RT: 9.922 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Tgt Ion: 82 Resp: 960742
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.2
138 17.2 13.3 19.9





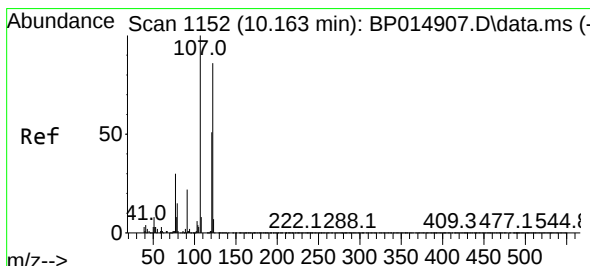
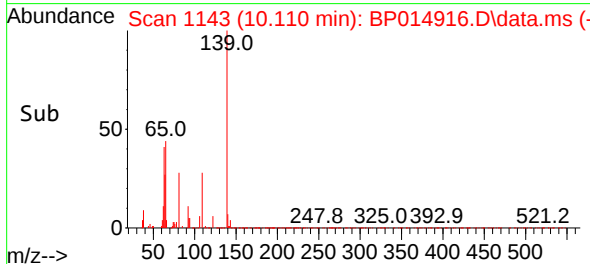
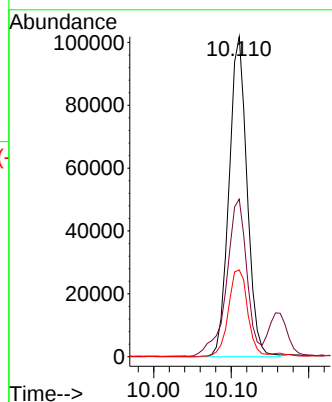
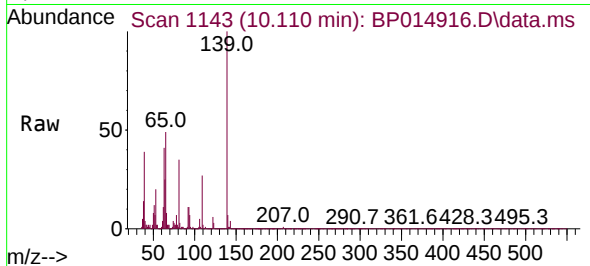
#25
2-Nitrophenol
Concen: 27.481 ng/ul
RT: 10.110 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Instrument :
BNA_P
ClientSampleId :
HOA37MSD

Tgt Ion:139 Resp: 164800
Ion Ratio Lower Upper
139 100
65 49.2 37.0 55.4
109 27.1 22.0 33.0

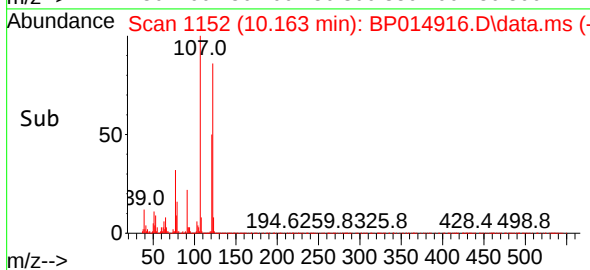
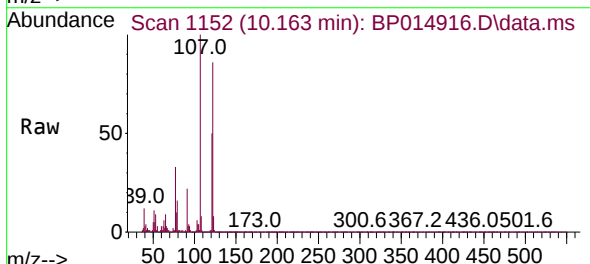
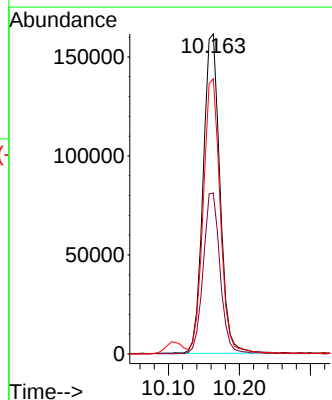
Manual Integrations
APPROVED

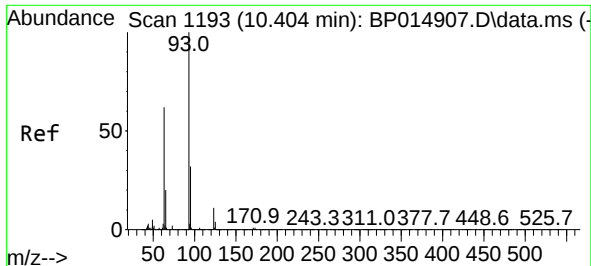
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#26
2,4-Dimethylphenol
Concen: 18.588 ng/ul
RT: 10.163 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Tgt Ion:107 Resp: 265947
Ion Ratio Lower Upper
107 100
121 50.3 40.4 60.6
122 86.0 69.3 103.9





#27

Bis(2-Chloroethoxy)methane

Concen: 32.980 ng/ul

RT: 10.404 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

Instrument :

BNA_P

ClientSampleId :

HOA37MSD

Tgt Ion: 93 Resp: 60438

Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

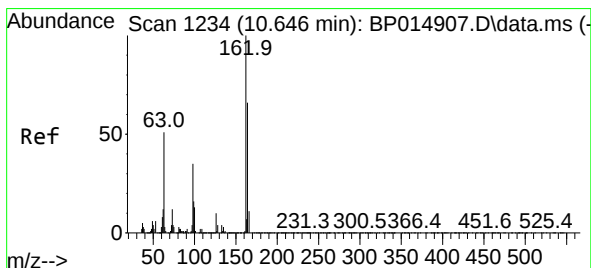
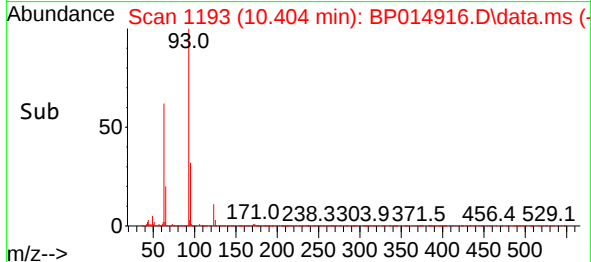
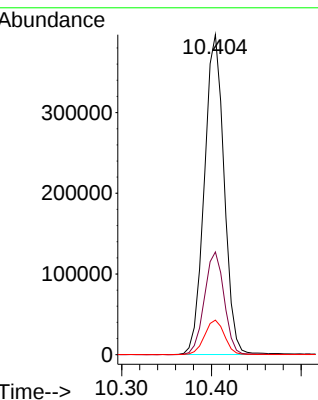
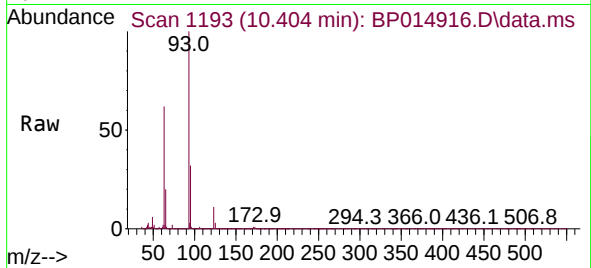
123 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#29

2,4-Dichlorophenol

Concen: 24.475 ng/ul

RT: 10.646 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

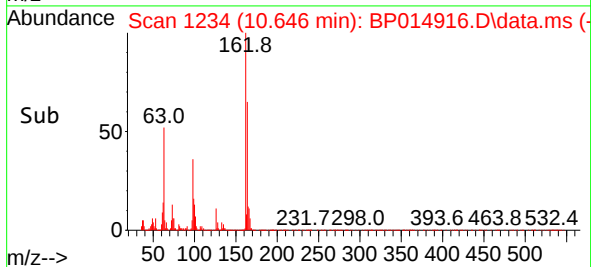
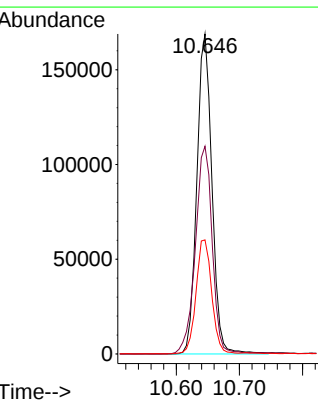
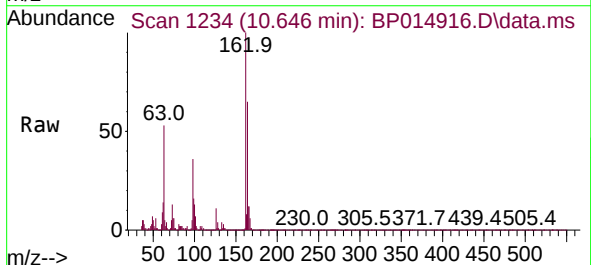
Tgt Ion:162 Resp: 280231

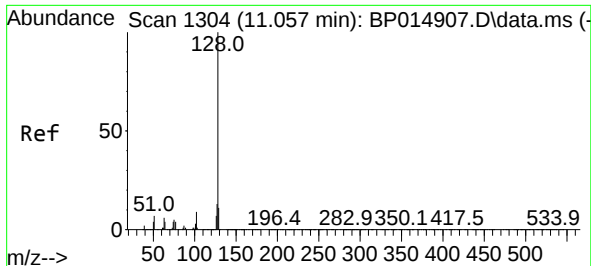
Ion Ratio Lower Upper

162 100

164 64.9 52.7 79.1

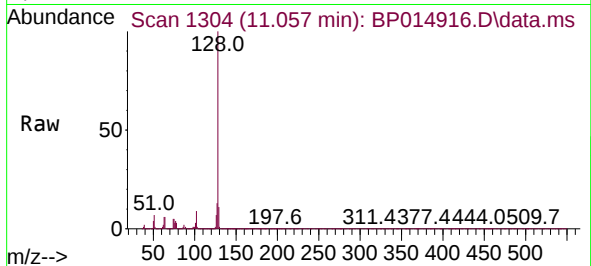
98 35.6 29.4 44.2





#30
Naphthalene
Concen: 31.688 ng/ul
RT: 11.057 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

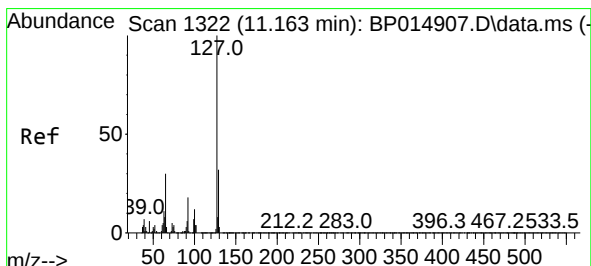
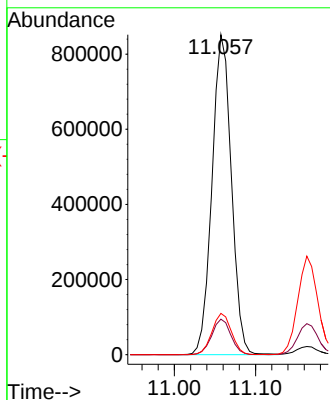
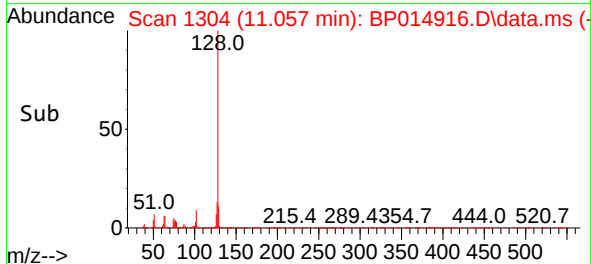
Instrument :
BNA_P
Client Sample Id :
HOA37MSD



Tgt Ion:128 Resp: 1411130
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.4 15.6

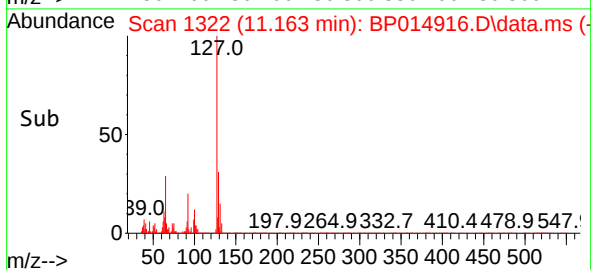
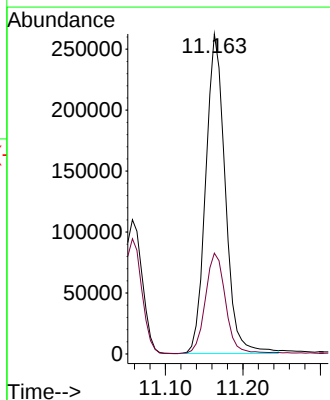
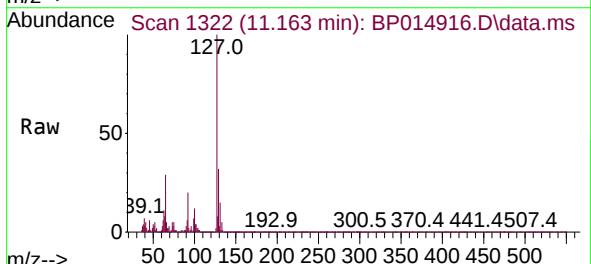
Manual Integrations
APPROVED

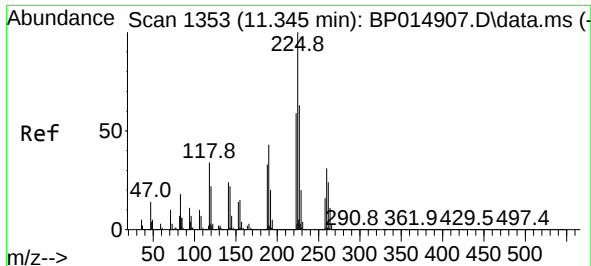
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#32
4-Chloroaniline
Concen: 26.514 ng/ul
RT: 11.163 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

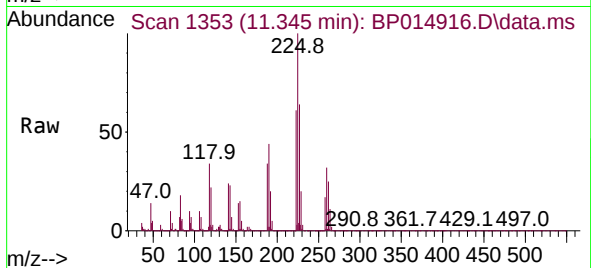
Tgt Ion:127 Resp: 458547
Ion Ratio Lower Upper
127 100
129 31.5 25.9 38.9





#33
Hexachlorobutadiene
Concen: 28.962 ng/ul
RT: 11.345 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

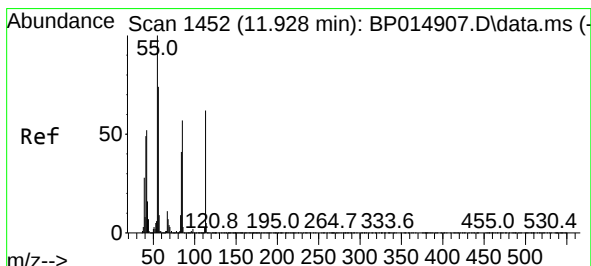
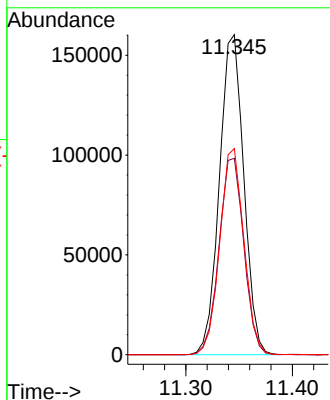
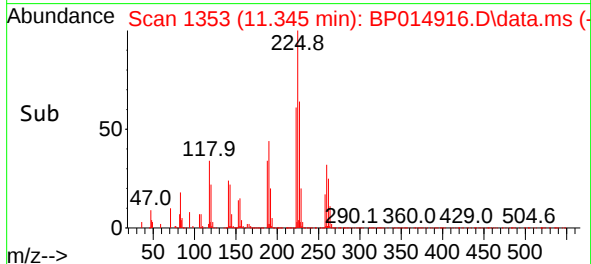
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



Tgt Ion:225 Resp: 254729
Ion Ratio Lower Upper
225 100
223 61.3 49.7 74.5
227 64.4 51.8 77.6

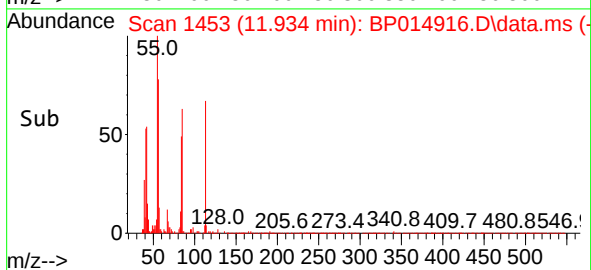
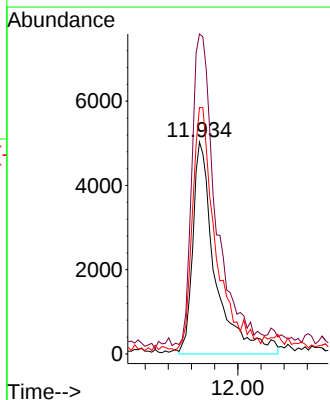
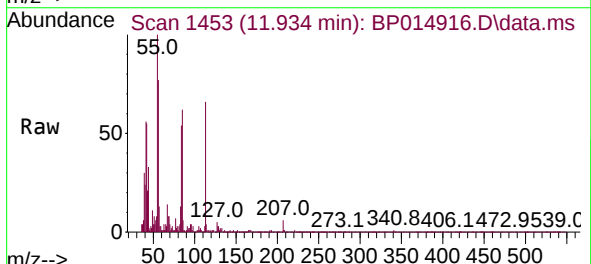
Manual Integrations
APPROVED

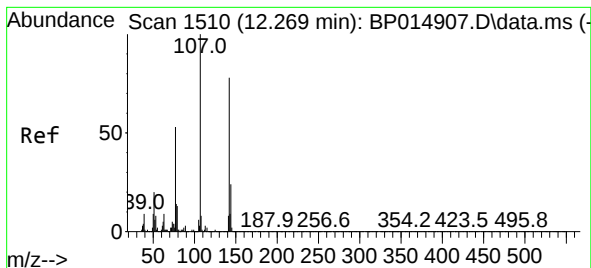
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#34
Caprolactam
Concen: 4.625 ng/ul m
RT: 11.934 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Tgt Ion:113 Resp: 13589
Ion Ratio Lower Upper
113 100
55 151.0 133.7 200.5
56 116.3 98.7 148.1





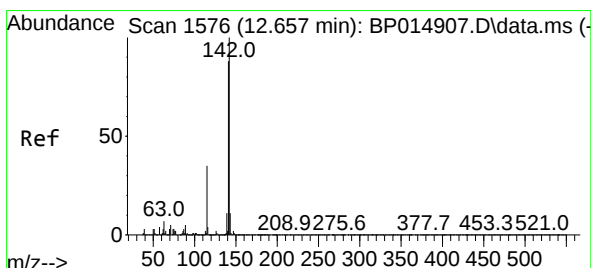
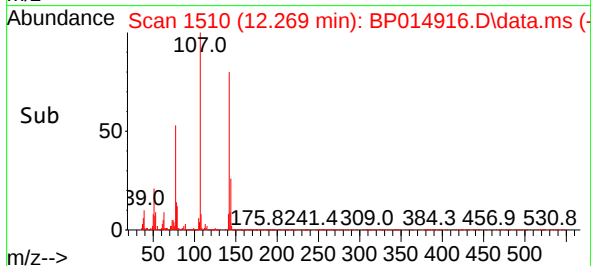
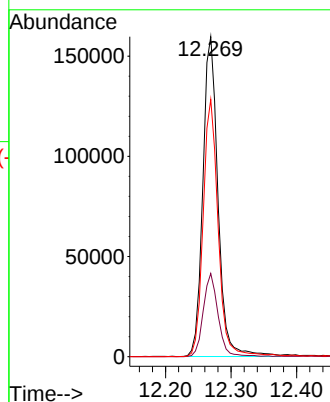
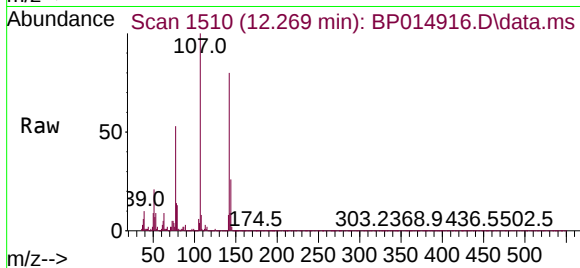
#35
4-Chloro-3-methylphenol
Concen: 21.956 ng/ul
RT: 12.269 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Instrument :
BNA_P
ClientSampleId :
HOA37MSD

Tgt Ion:107 Resp: 25790
Ion Ratio Lower Upper
107 100
144 26.0 19.8 29.8
142 80.4 62.4 93.6

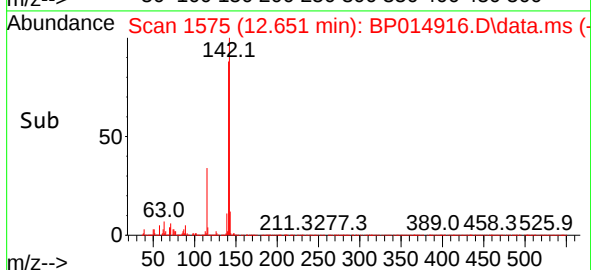
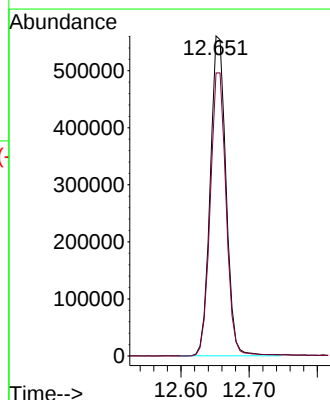
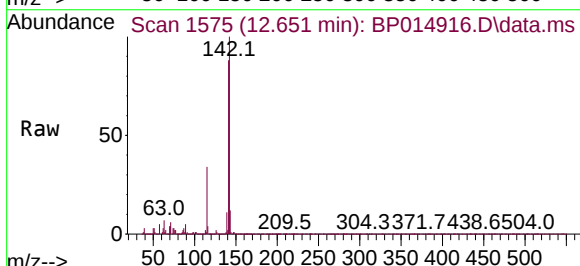
Manual Integrations
APPROVED

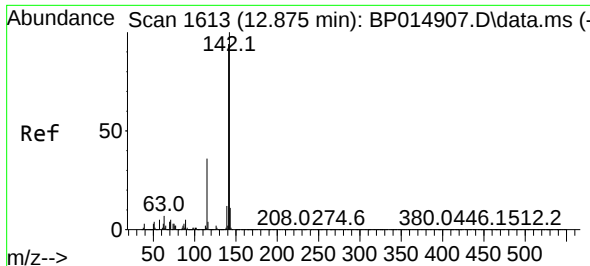
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#36
2-Methylnaphthalene
Concen: 32.179 ng/ul
RT: 12.651 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Tgt Ion:142 Resp: 904247
Ion Ratio Lower Upper
142 100
141 88.5 70.5 105.7





#37

1-Methylnaphthalene

Concen: 33.486 ng/ul

RT: 12.875 min Scan# 1613

Delta R.T. -0.006 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

Instrument :

BNA_P

ClientSampleId :

HOA37MSD

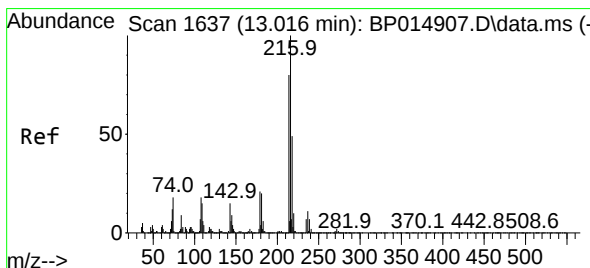
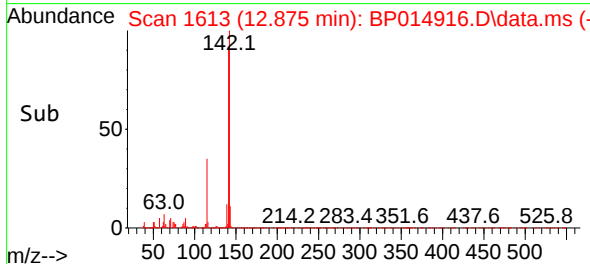
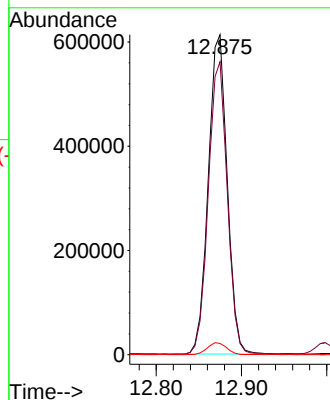
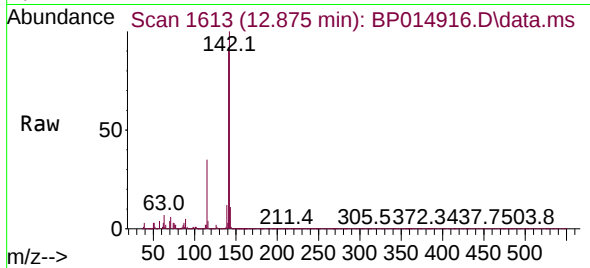
Tgt Ion:	142	Resp:	94475
Ion Ratio	Lower	Upper	
142	100		
141	91.5	73.3	109.9
116	3.5	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.749 ng/ul

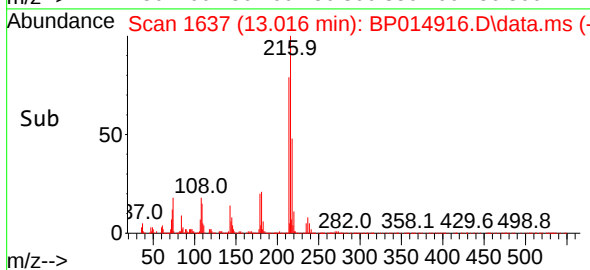
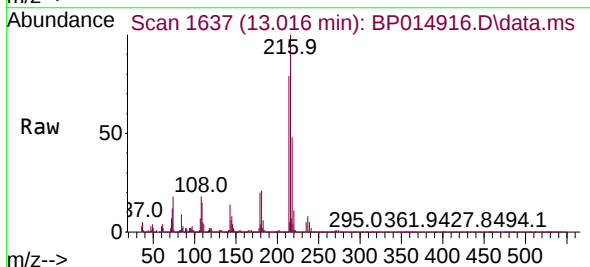
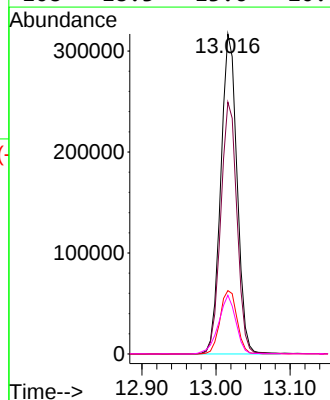
RT: 13.016 min Scan# 1637

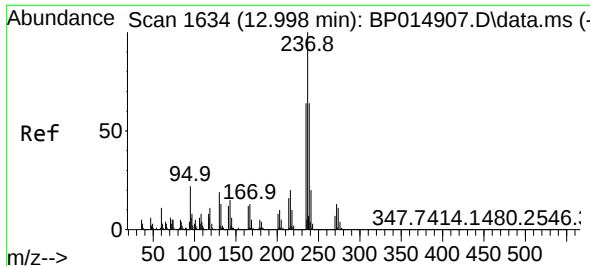
Delta R.T. -0.006 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

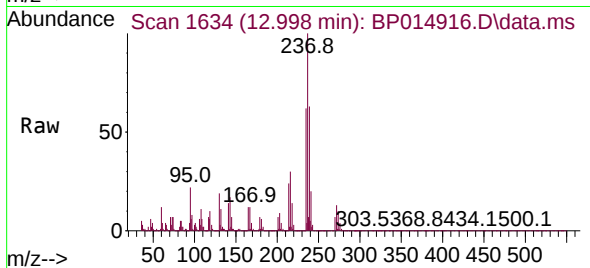
Tgt Ion:	216	Resp:	483624
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.0	94.6
179	19.8	16.2	24.4
108	18.3	13.6	20.4





#40
Hexachlorocyclopentadiene
Concen: 25.345 ng/ul
RT: 12.998 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

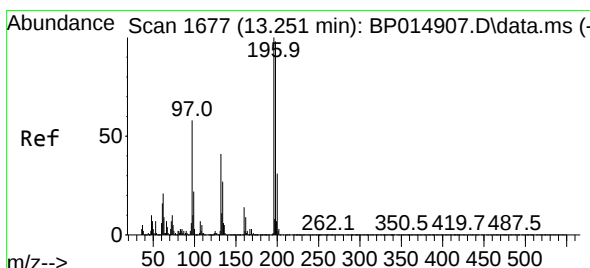
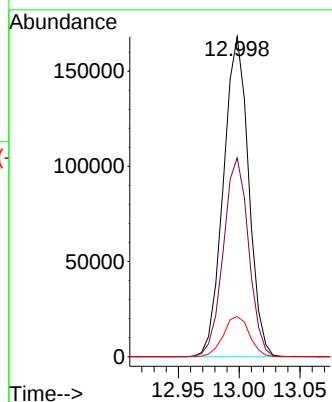
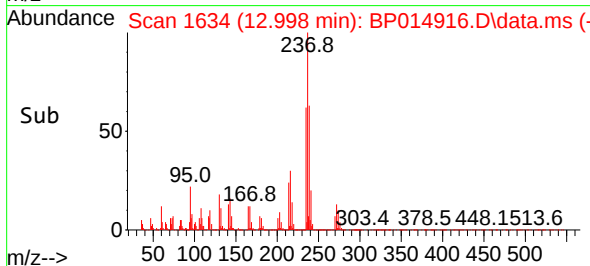
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



Tgt Ion:237 Resp: 242352
Ion Ratio Lower Upper
237 100
235 62.2 50.6 75.8
272 12.5 10.7 16.1

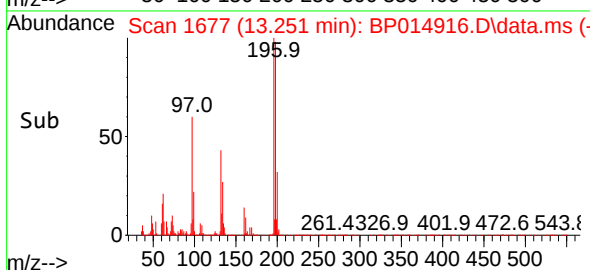
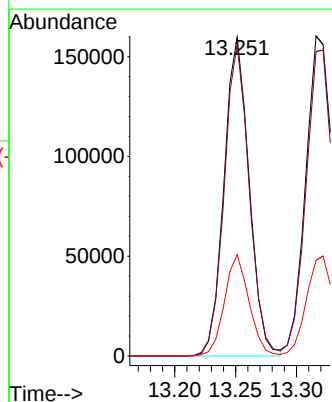
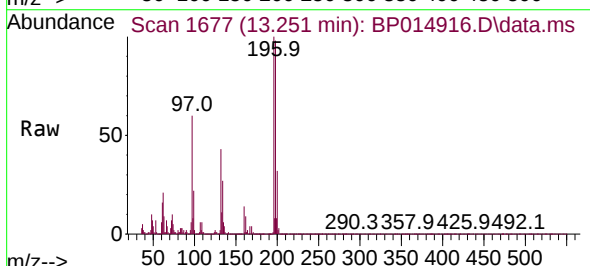
Manual Integrations
APPROVED

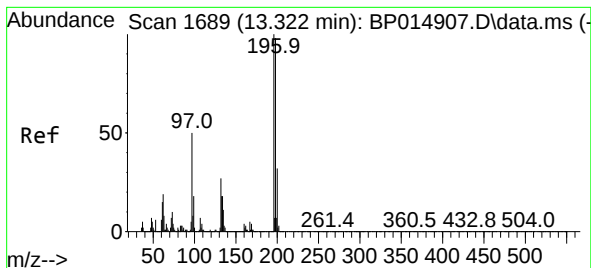
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#41
2,4,6-Trichlorophenol
Concen: 29.683 ng/ul
RT: 13.251 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

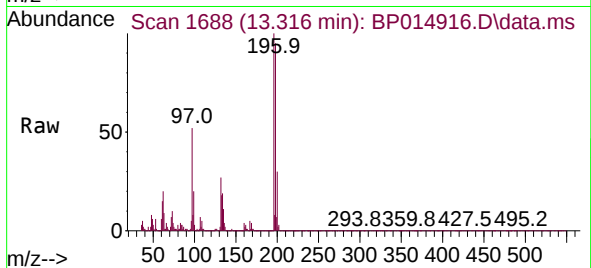
Tgt Ion:196 Resp: 229736
Ion Ratio Lower Upper
196 100
198 97.8 79.1 118.7
200 31.8 26.5 39.7





#42
2,4,5-Trichlorophenol
Concen: 26.703 ng/ul
RT: 13.316 min Scan# 1688
Delta R.T. -0.012 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

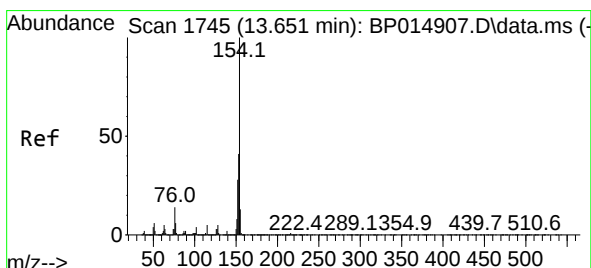
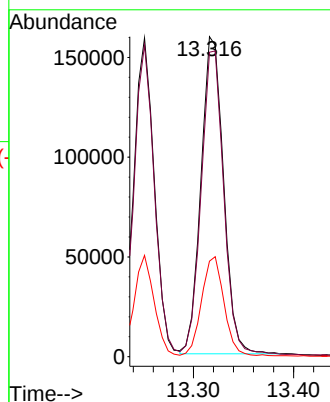
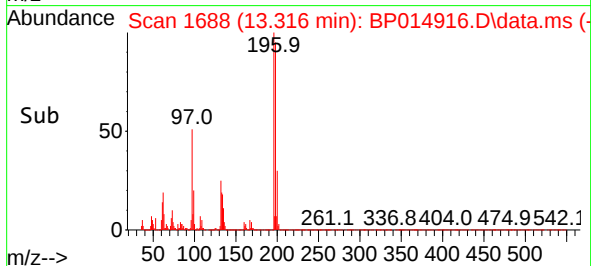
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



Tgt Ion:196 Resp: 249190
Ion Ratio Lower Upper
196 100
198 95.1 76.6 115.0
200 29.8 24.0 36.0

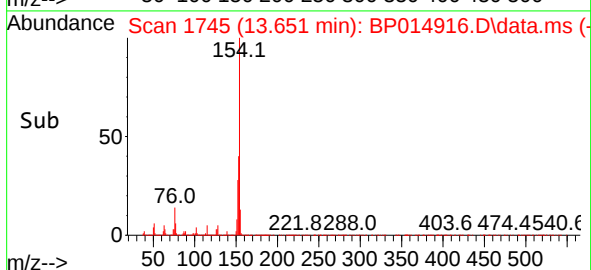
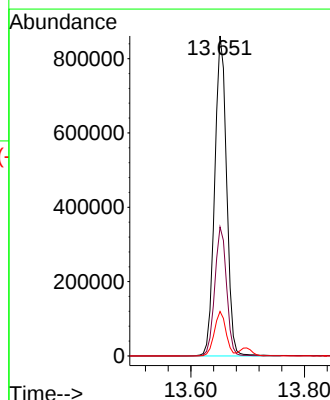
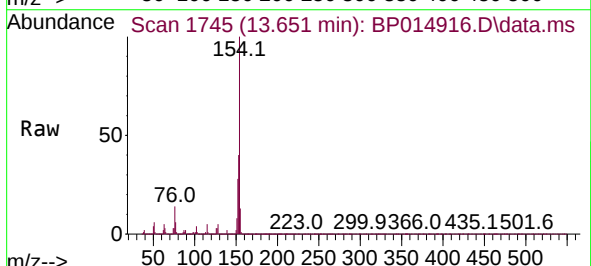
Manual Integrations
APPROVED

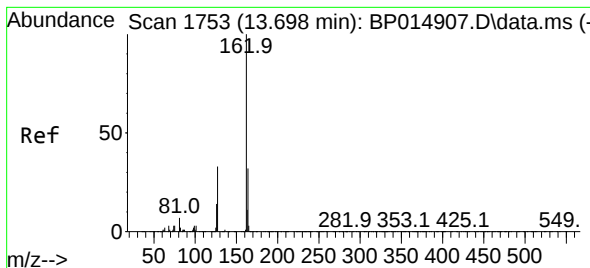
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#43
1,1'-Biphenyl
Concen: 34.222 ng/ul
RT: 13.651 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

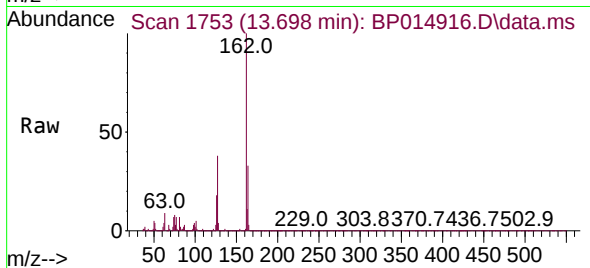
Tgt Ion:154 Resp: 1251631
Ion Ratio Lower Upper
154 100
153 40.3 32.5 48.7
76 13.9 10.8 16.2





#44
2-Chloronaphthalene
Concen: 33.802 ng/ul
RT: 13.698 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

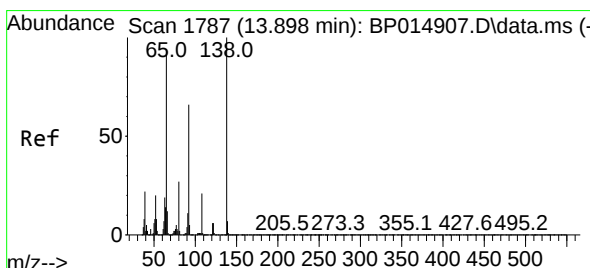
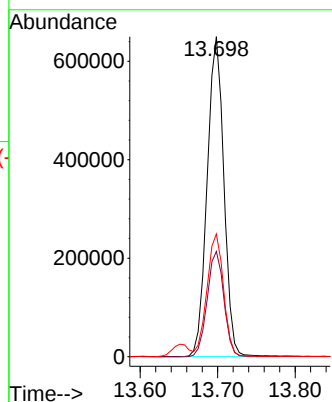
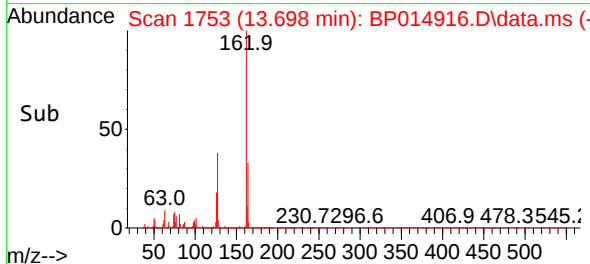
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



Tgt Ion:162 Resp: 97368
Ion Ratio Lower Upper
162 100
164 32.9 25.6 38.4
127 38.3 30.3 45.5

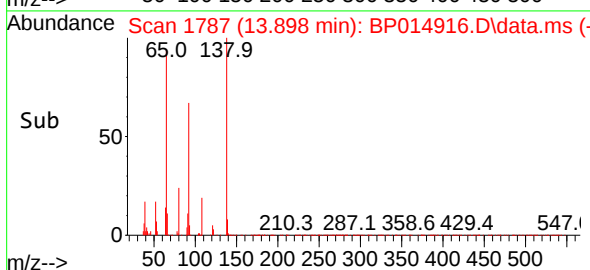
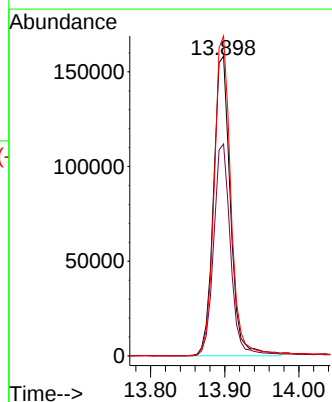
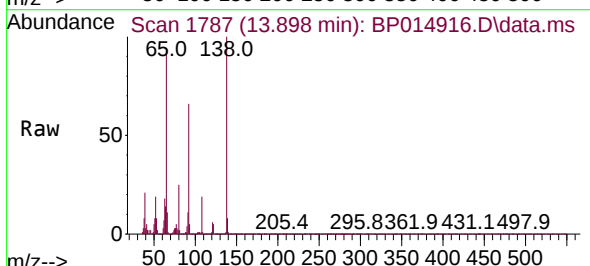
Manual Integrations
APPROVED

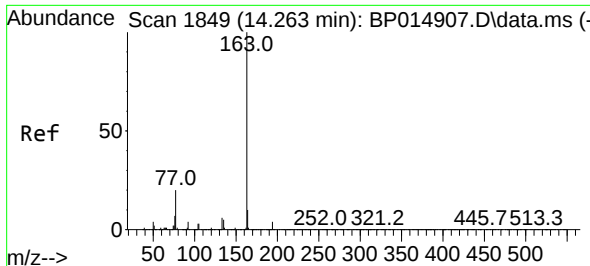
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#45
2-Nitroaniline
Concen: 40.003 ng/ul
RT: 13.898 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

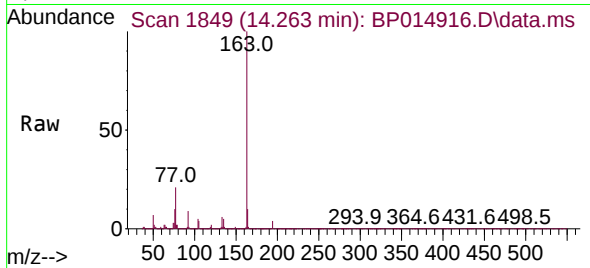
Tgt Ion: 65 Resp: 251729
Ion Ratio Lower Upper
65 100
92 70.7 58.6 87.8
138 106.7 84.8 127.2





#47
Dimethylphthalate
Concen: 37.594 ng/ul
RT: 14.263 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

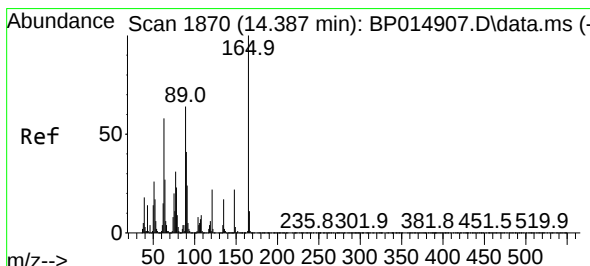
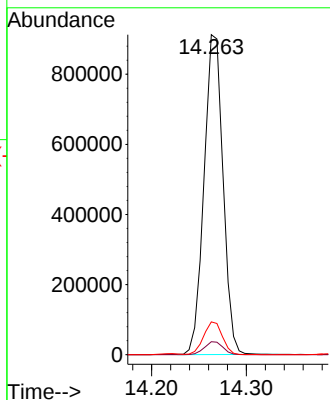
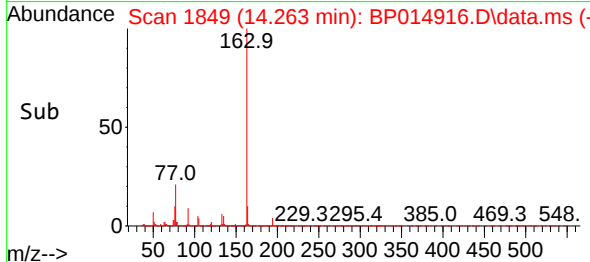
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



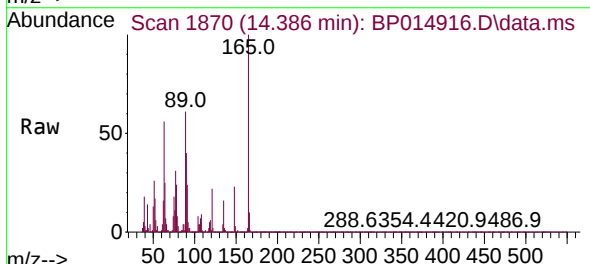
Tgt Ion:163 Resp: 1269570
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.3 12.5

Manual Integrations
APPROVED

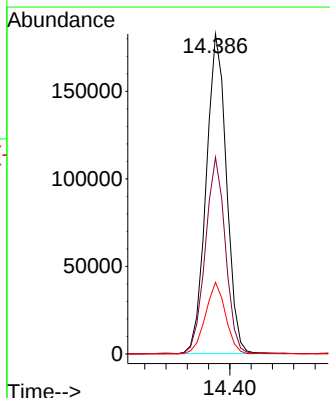
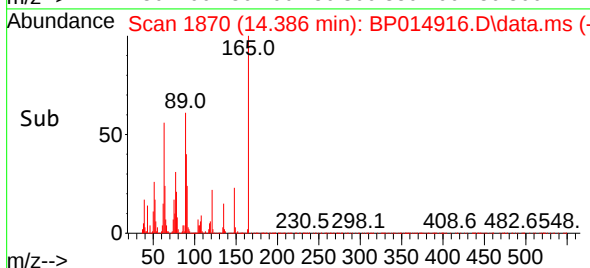
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

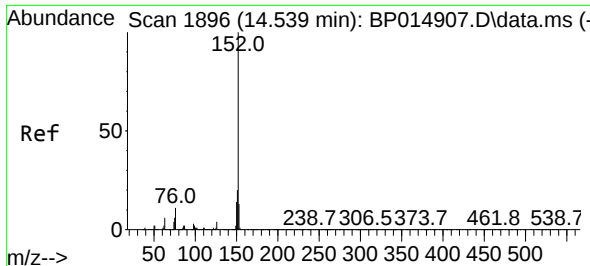


#48
2,6-Dinitrotoluene
Concen: 39.749 ng/ul
RT: 14.386 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50



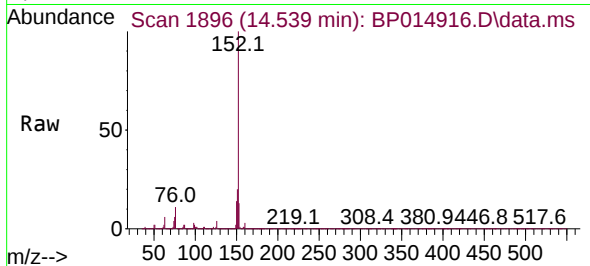
Tgt Ion:165 Resp: 241814
Ion Ratio Lower Upper
165 100
89 61.5 45.2 67.8
121 22.4 16.3 24.5





#50
Acenaphthylene
Concen: 35.406 ng/ul
RT: 14.539 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

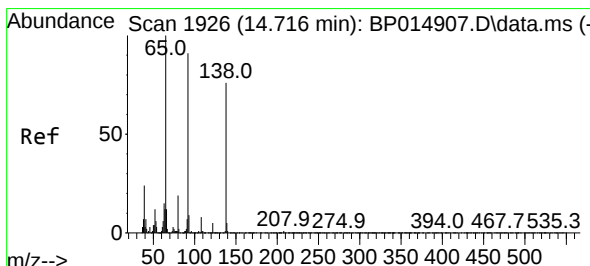
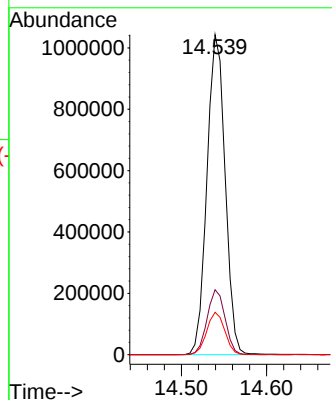
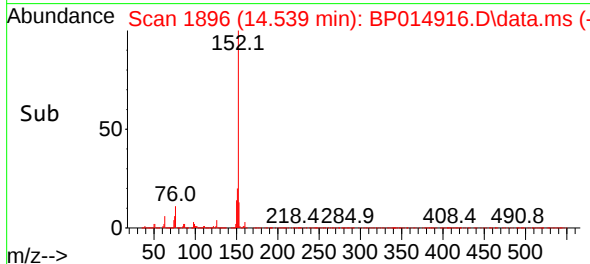
Instrument : BNA_P
ClientSampleId : HOA37MSD



Tgt Ion:152 Resp: 154443
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.2 10.6 15.8

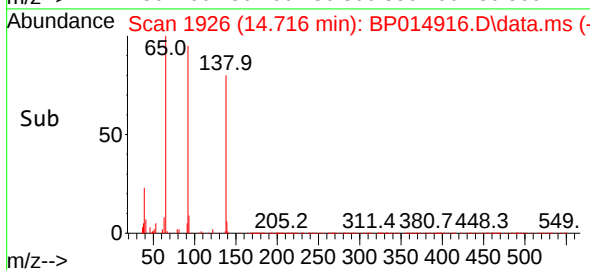
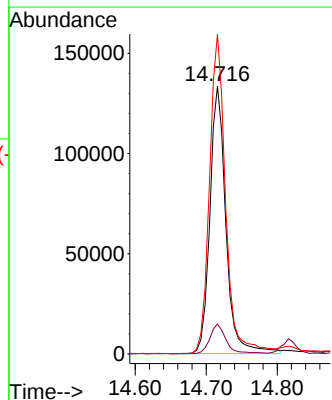
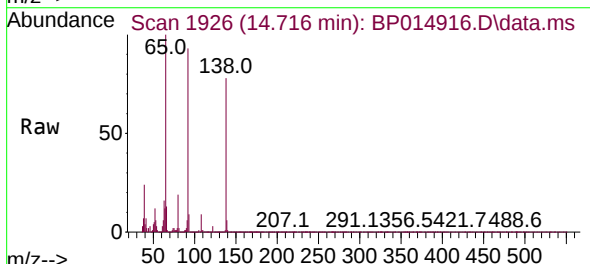
Manual Integrations
APPROVED

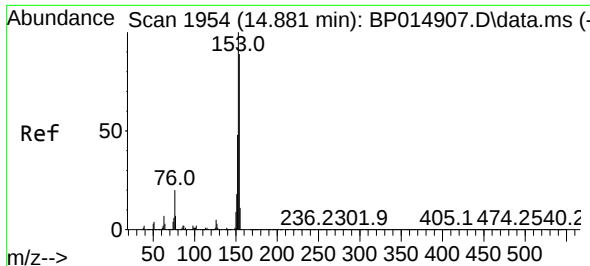
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#51
3-Nitroaniline
Concen: 42.453 ng/ul
RT: 14.716 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

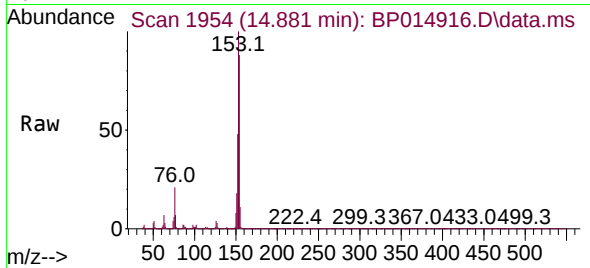
Tgt Ion:138 Resp: 209377
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 119.4 94.2 141.4





#52
Acenaphthene
Concen: 35.452 ng/ul
RT: 14.881 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

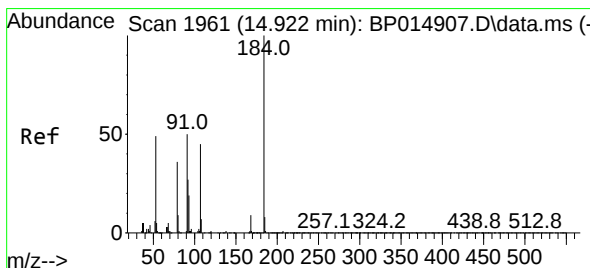
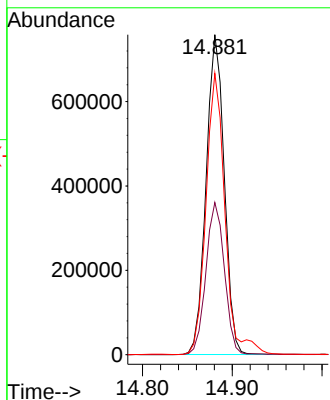
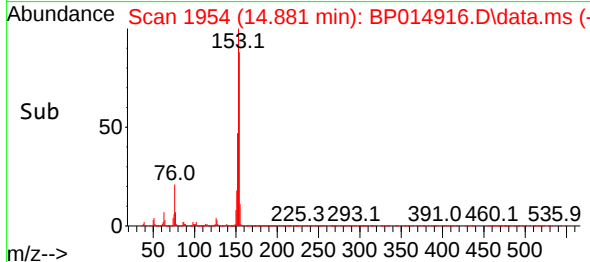
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



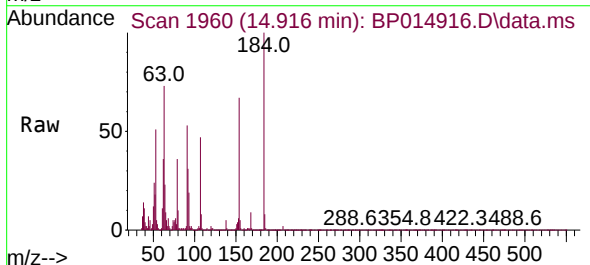
Tgt Ion:153 Resp: 1065914
Ion Ratio Lower Upper
153 100
152 47.5 38.5 57.7
154 87.9 69.4 104.2

Manual Integrations
APPROVED

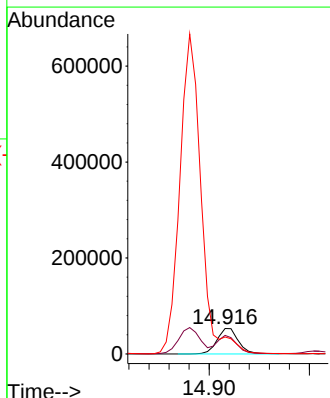
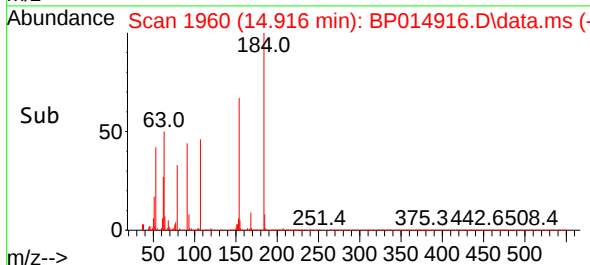
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

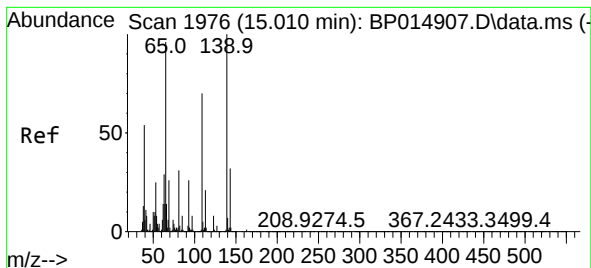


#53
2,4-Dinitrophenol
Concen: 34.235 ng/ul
RT: 14.916 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50



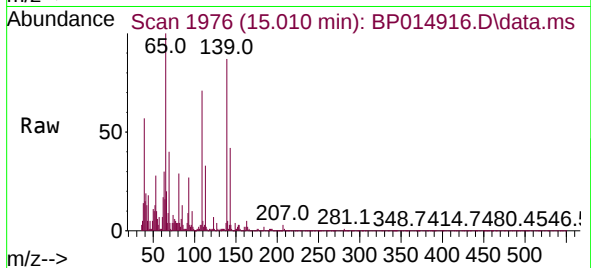
Tgt Ion:184 Resp: 78675
Ion Ratio Lower Upper
184 100
63 73.0 57.6 86.4
154 66.8 54.6 82.0





#55
4-Nitrophenol
Concen: 5.886 ng/ul
RT: 15.010 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

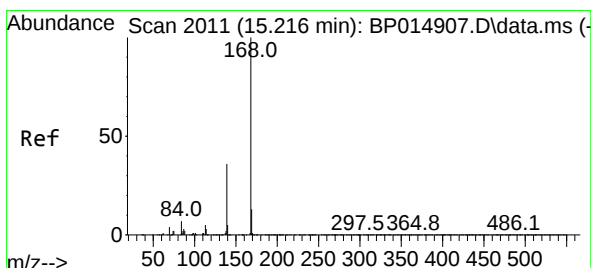
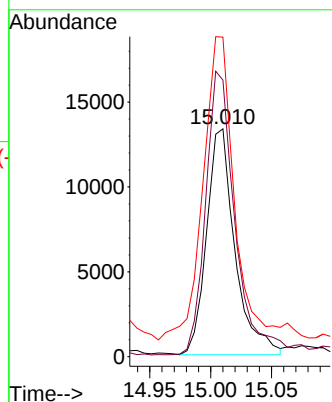
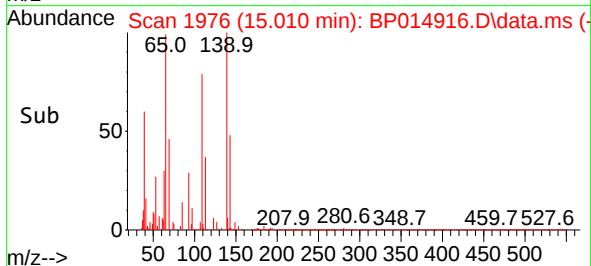
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



Tgt Ion:109 Resp: 2163
Ion Ratio Lower Upper
109 100
139 121.4 107.8 161.8
65 140.3 108.6 162.8

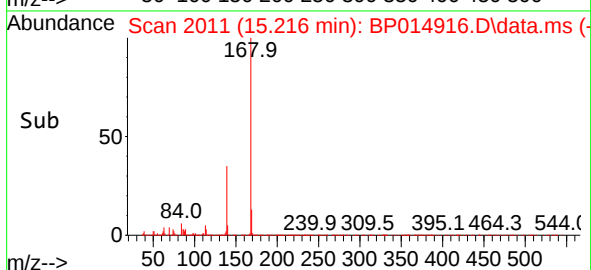
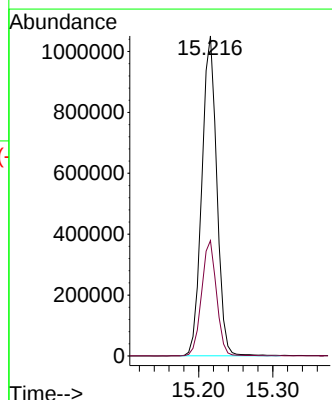
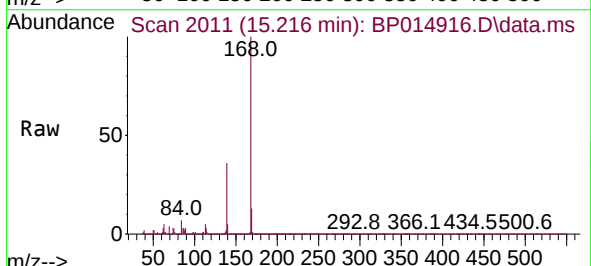
Manual Integrations
APPROVED

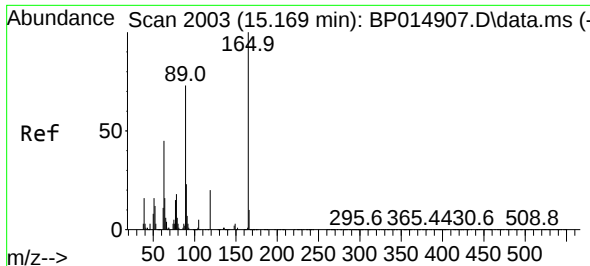
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#56
Dibenzofuran
Concen: 35.543 ng/ul
RT: 15.216 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

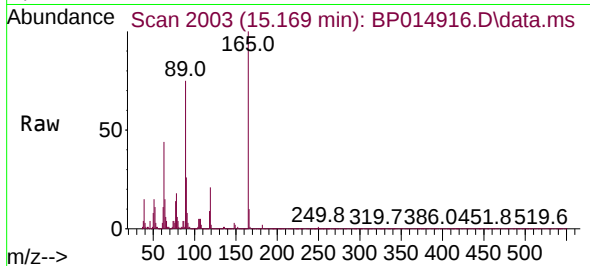
Tgt Ion:168 Resp: 1472963
Ion Ratio Lower Upper
168 100
139 36.0 27.8 41.8





#57
2,4-Dinitrotoluene
Concen: 40.485 ng/ul
RT: 15.169 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

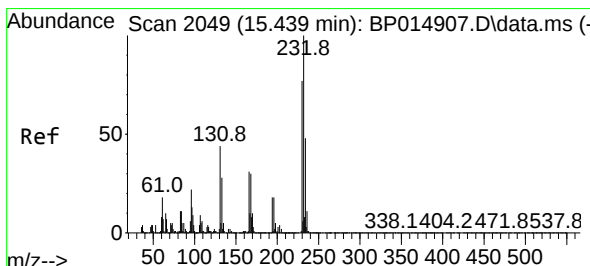
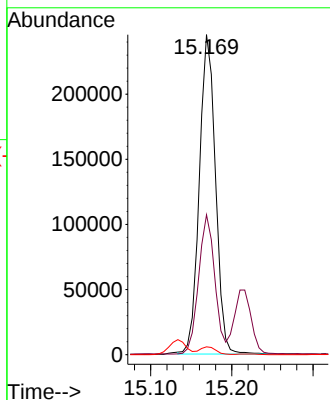
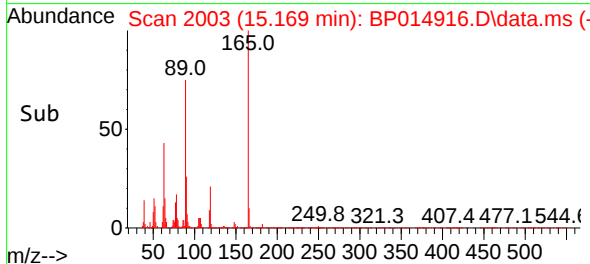
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



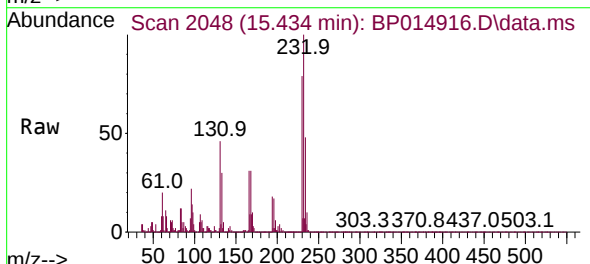
Tgt Ion:165 Resp: 33950
Ion Ratio Lower Upper
165 100
63 43.7 33.9 50.9
182 2.5 2.1 3.1

Manual Integrations
APPROVED

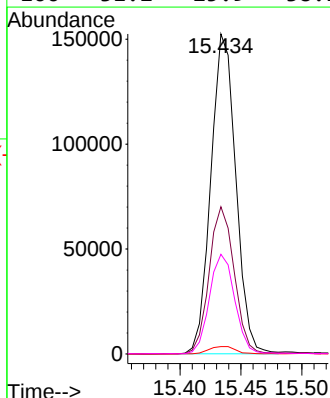
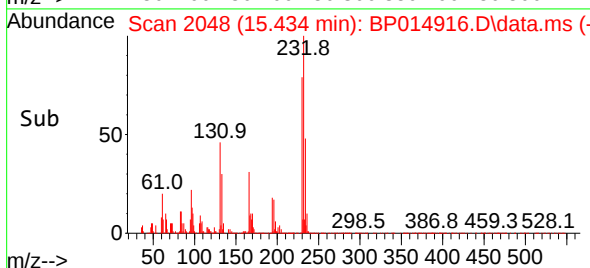
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

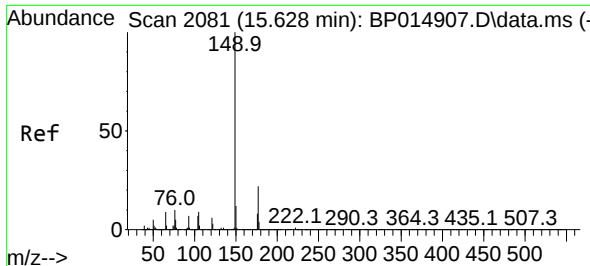


#58
2,3,4,6-Tetrachlorophenol
Concen: 30.533 ng/ul
RT: 15.434 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50



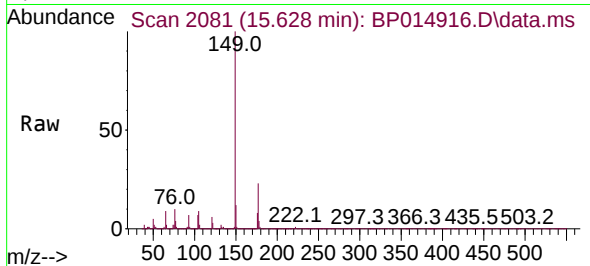
Tgt Ion:232 Resp: 217462
Ion Ratio Lower Upper
232 100
131 46.0 34.4 51.6
130 2.3 1.8 2.6
166 31.2 25.9 38.9





#59
Diethylphthalate
Concen: 39.058 ng/ul
RT: 15.628 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

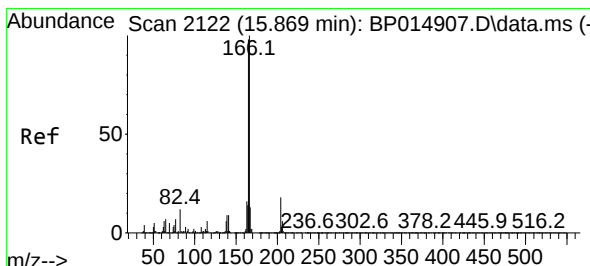
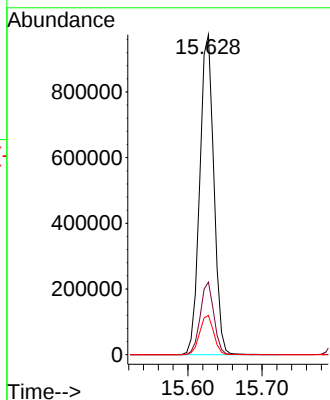
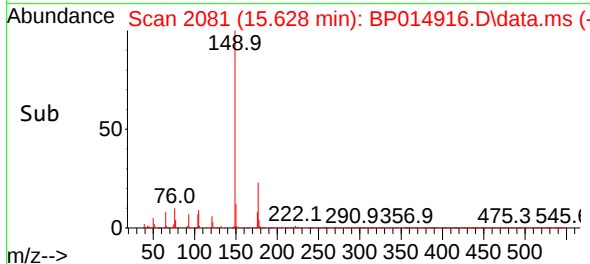
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



Tgt Ion:149 Resp: 1286335
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.3 9.8 14.8

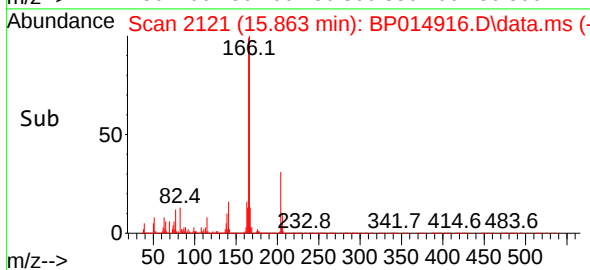
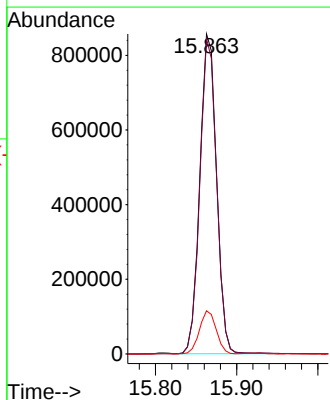
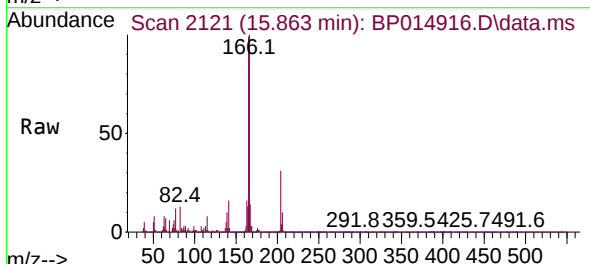
Manual Integrations
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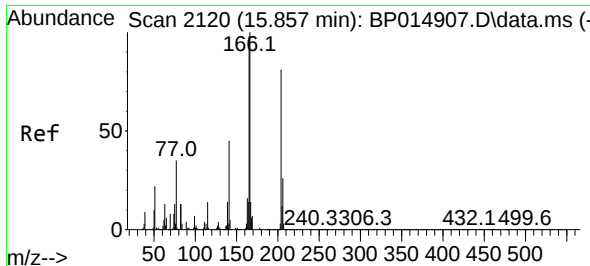
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#61
Fluorene
Concen: 37.027 ng/ul
RT: 15.863 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Tgt Ion:166 Resp: 1226771
Ion Ratio Lower Upper
166 100
165 98.6 79.8 119.6
167 13.5 11.0 16.6





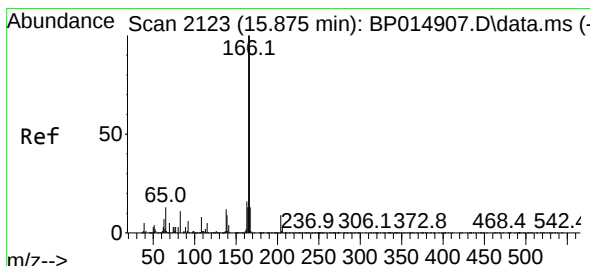
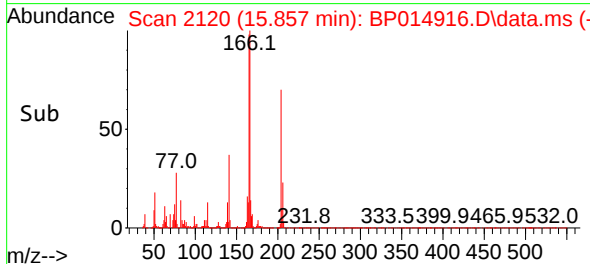
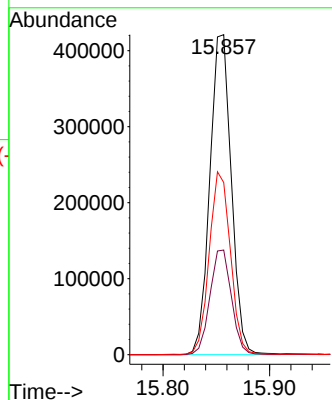
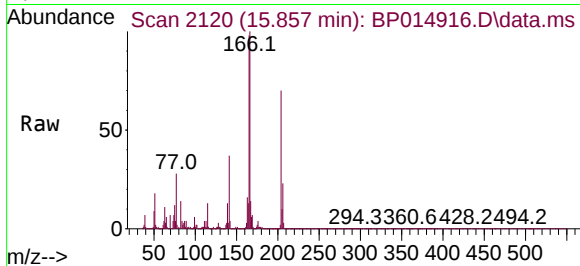
#62
4-Chlorophenyl-phenylether
Concen: 35.189 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Instrument :
BNA_P
ClientSampleId :
HOA37MSD

Tgt Ion:204 Resp: 58922
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 53.8 44.6 67.0

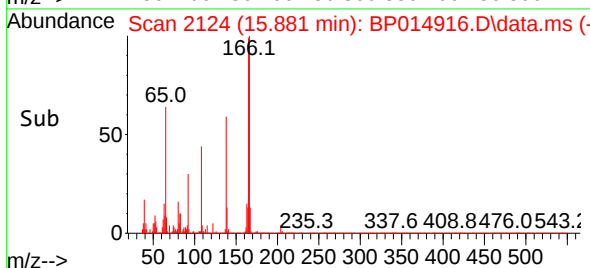
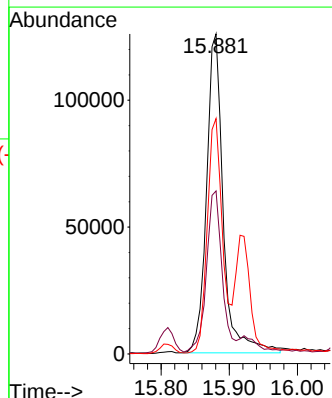
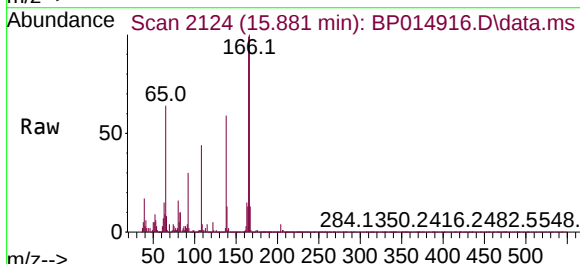
Manual Integrations
APPROVED

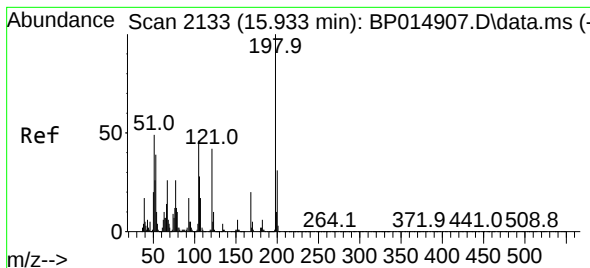
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#63
4-Nitroaniline
Concen: 54.631 ng/ul
RT: 15.881 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

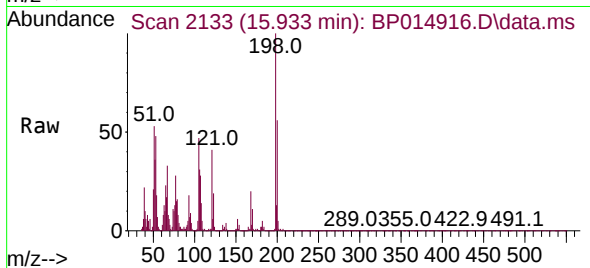
Tgt Ion:138 Resp: 215147
Ion Ratio Lower Upper
138 100
92 50.9 44.2 66.2
108 73.6 60.1 90.1





#66
4,6-Dinitro-2-methylphenol
Concen: 37.634 ng/ul
RT: 15.933 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

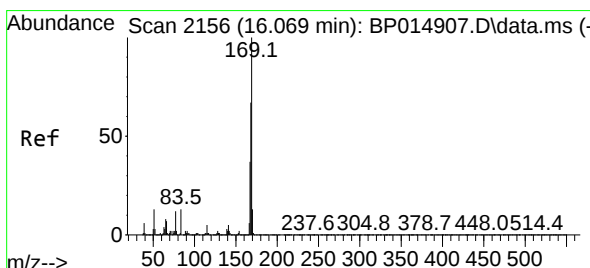
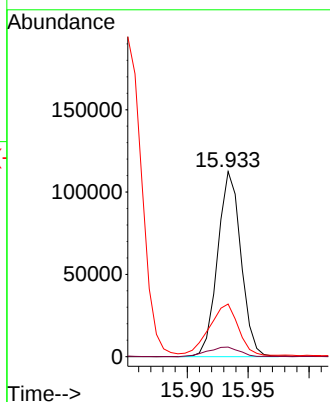
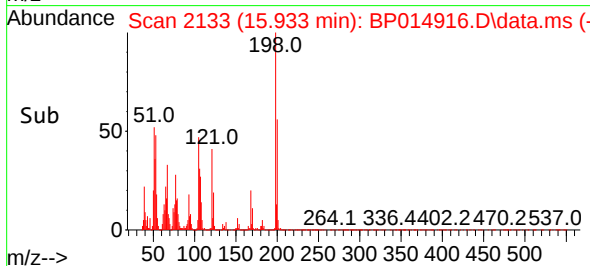
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



Tgt Ion:198 Resp: 15014
Ion Ratio Lower Upper
198 100
182 5.2 4.2 6.2
77 28.4 20.4 30.6

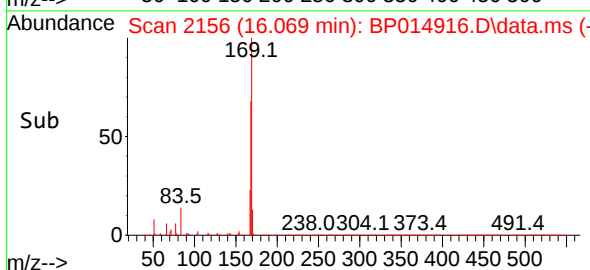
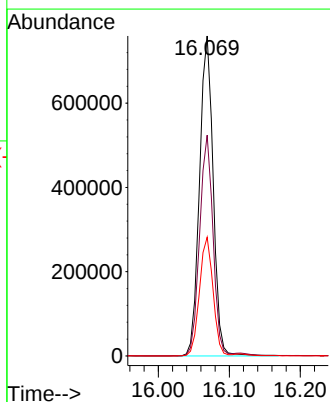
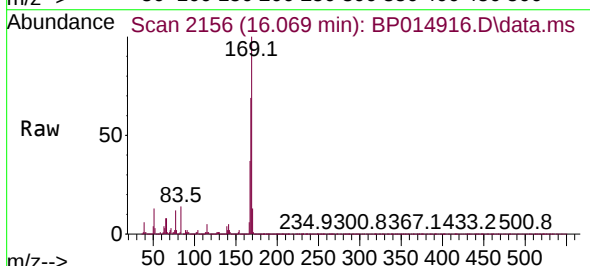
Manual Integrations
APPROVED

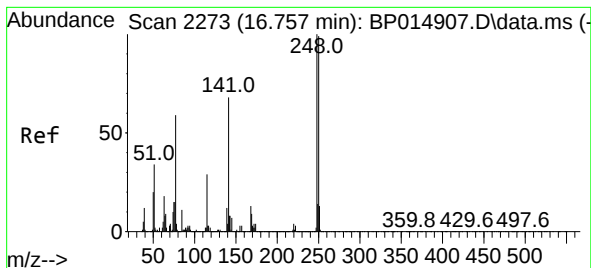
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#67
N-Nitrosodiphenylamine
Concen: 37.928 ng/ul
RT: 16.069 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Tgt Ion:169 Resp: 1018866
Ion Ratio Lower Upper
169 100
168 69.0 53.1 79.7
167 37.1 29.9 44.9





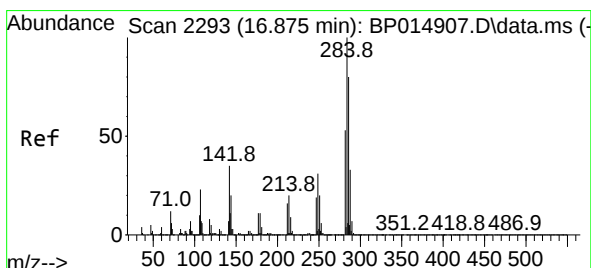
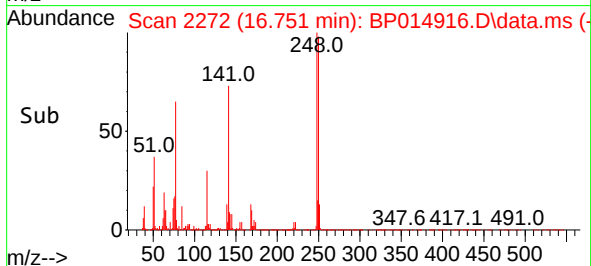
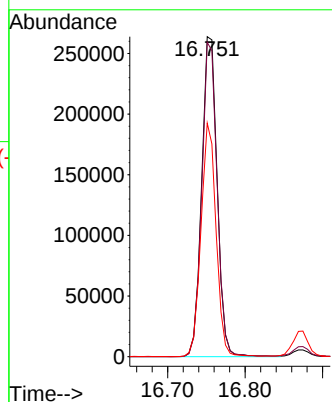
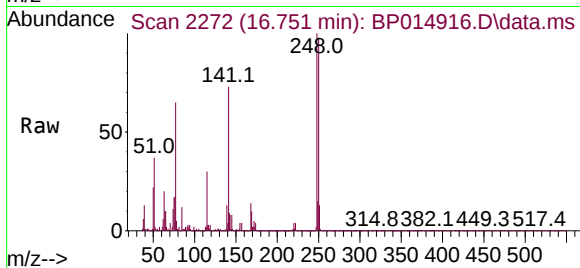
#68
4-Bromophenyl-phenylether
Concen: 36.934 ng/ul
RT: 16.751 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Instrument :
BNA_P
ClientSampleId :
HOA37MSD

Tgt Ion:248 Resp: 365898
Ion Ratio Lower Upper
248 100
250 98.3 77.3 115.9
141 73.0 55.0 82.6

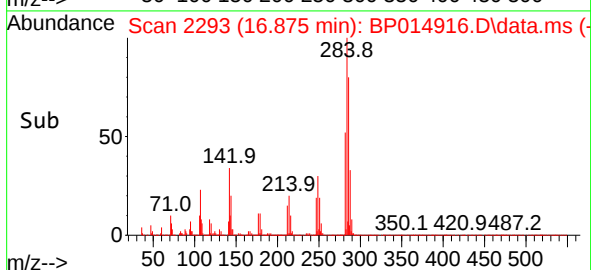
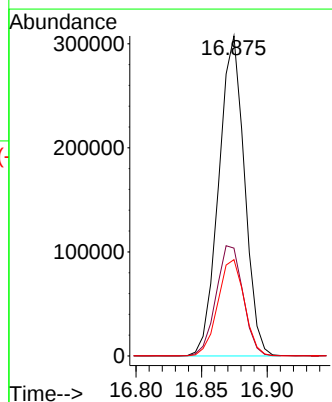
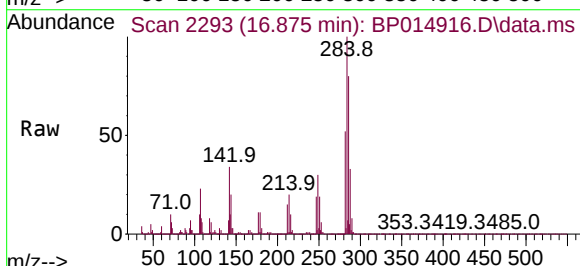
Manual Integrations
APPROVED

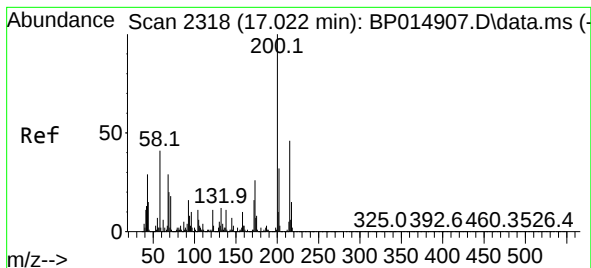
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#69
Hexachlorobenzene
Concen: 35.958 ng/ul
RT: 16.875 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Tgt Ion:284 Resp: 419892
Ion Ratio Lower Upper
284 100
142 33.7 27.6 41.4
249 30.1 24.4 36.6





#70

Atrazine

Concen: 34.584 ng/ul

RT: 17.022 min Scan# 2318

Delta R.T. -0.000 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

Instrument :

BNA_P

ClientSampleId :

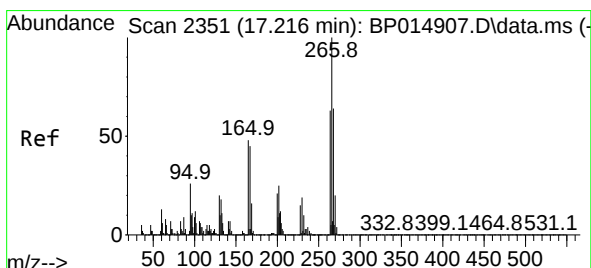
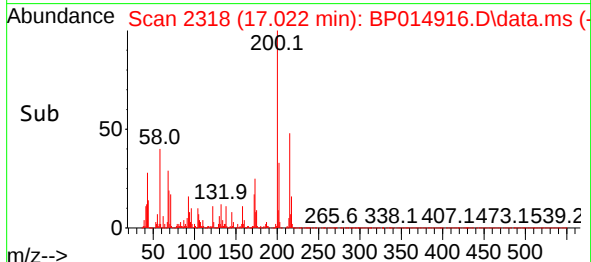
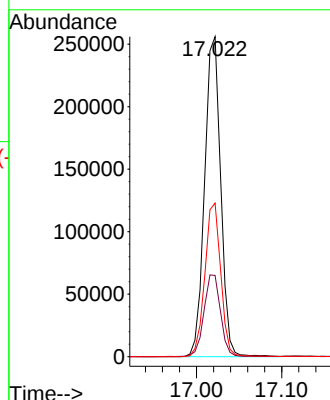
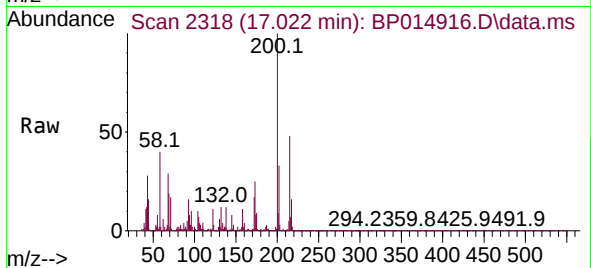
HOA37MSD

Tgt Ion:200	Resp: 336339
Ion Ratio	Lower Upper
200 100	
173 25.4	21.0 31.4
215 48.0	38.0 57.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#71

Pentachlorophenol

Concen: 33.550 ng/ul

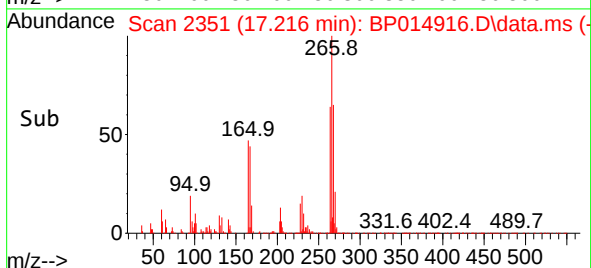
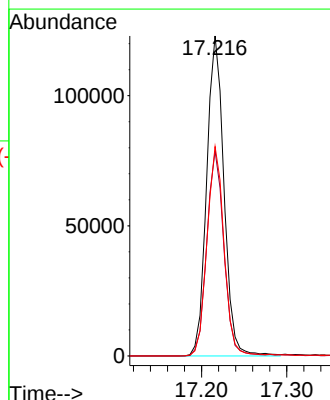
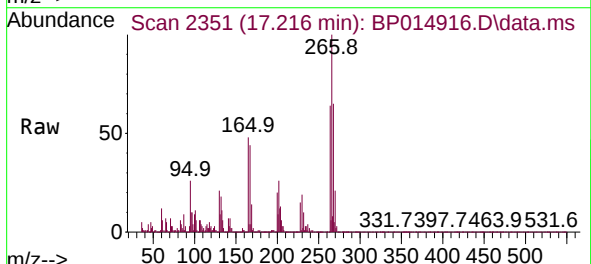
RT: 17.216 min Scan# 2351

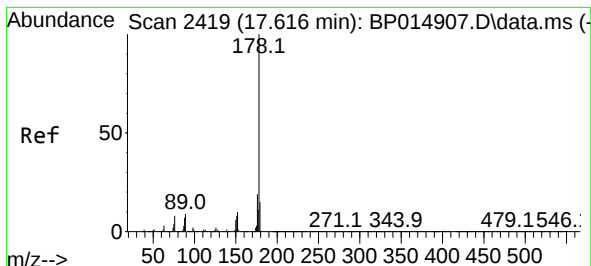
Delta R.T. -0.006 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

Tgt Ion:266	Resp: 173390
Ion Ratio	Lower Upper
266 100	
264 64.0	47.8 71.6
268 65.5	51.1 76.7





#72

Phenanthrene

Concen: 38.616 ng/ul

RT: 17.616 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

Instrument :

BNA_P

ClientSampleId :

HOA37MSD

Tgt Ion:178 Resp: 1933662

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

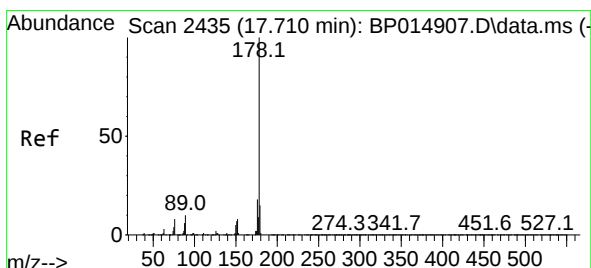
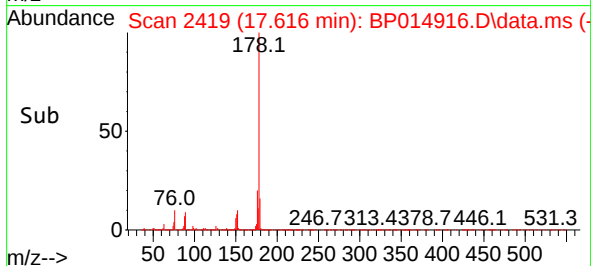
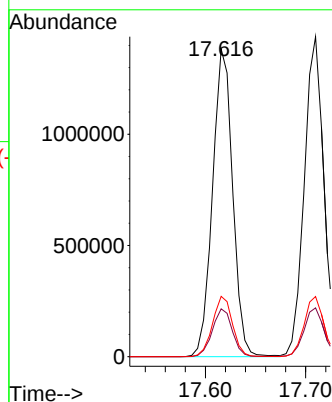
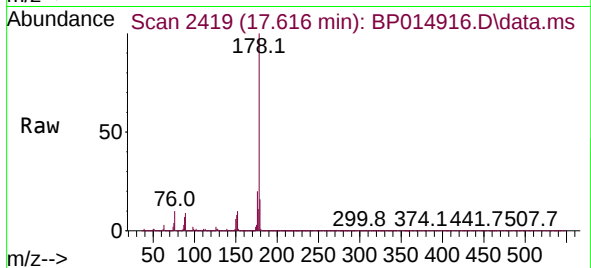
176 19.6 15.2 22.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#74

Anthracene

Concen: 38.768 ng/ul

RT: 17.710 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

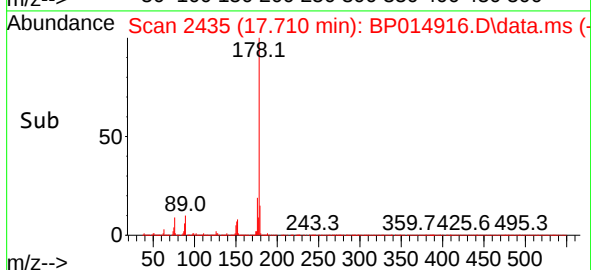
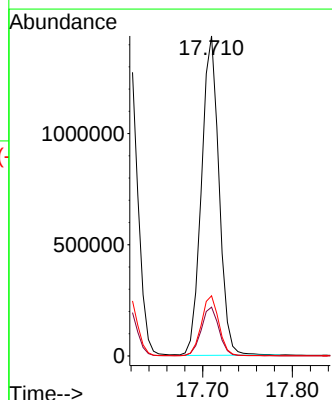
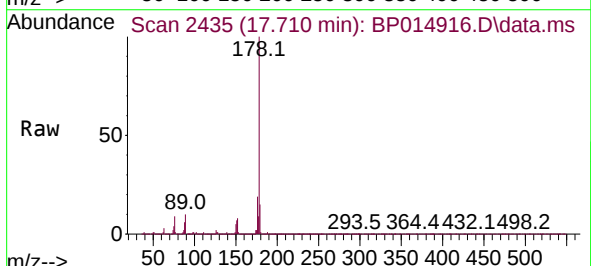
Tgt Ion:178 Resp: 1944750

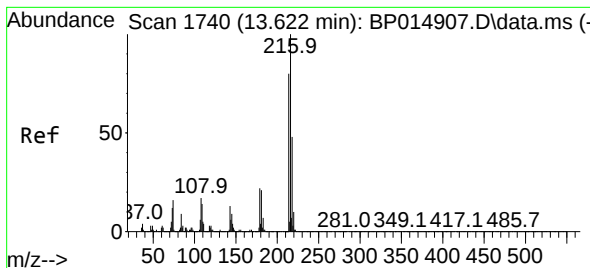
Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 18.8 15.2 22.8





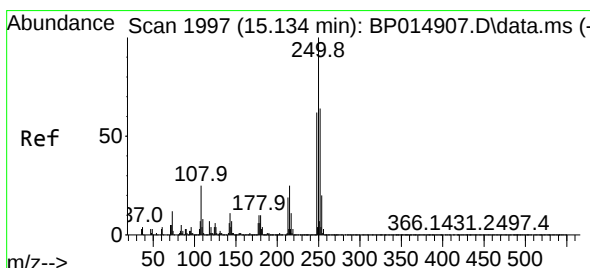
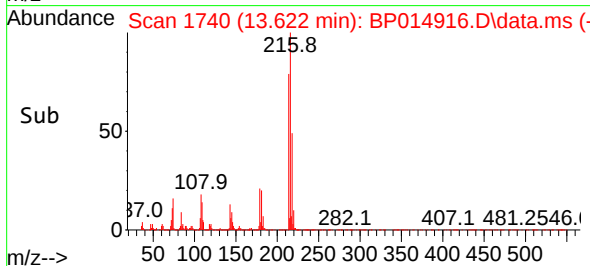
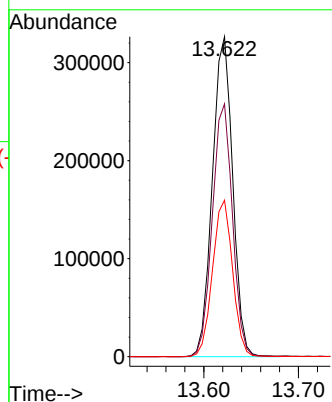
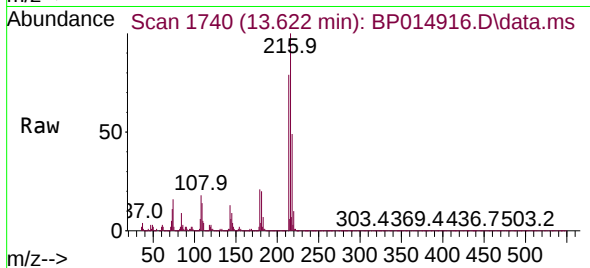
#75
1,2,3,4-Tetrachlorobenzene
Concen: 32.483 ng/uL
RT: 13.622 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Instrument :
BNA_P
ClientSampleId :
HOA37MSD

Tgt Ion:216 Resp: 487149
Ion Ratio Lower Upper
216 100
214 79.0 62.1 93.1
218 48.9 38.6 58.0

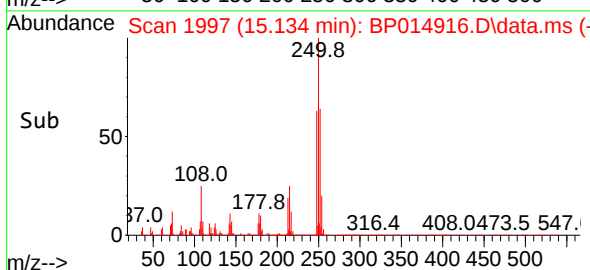
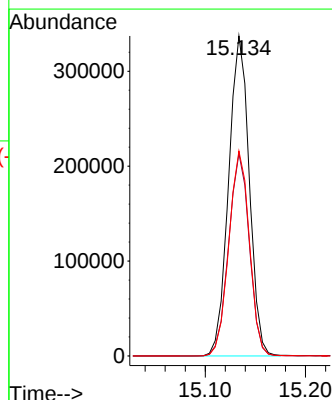
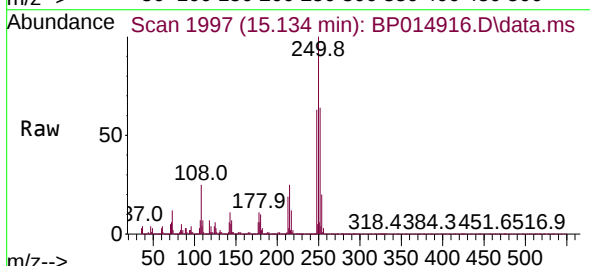
Manual Integrations
APPROVED

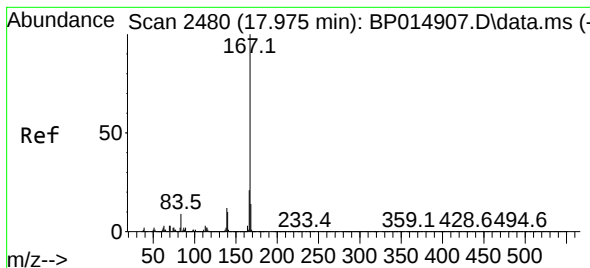
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#76
Pentachlorobenzene
Concen: 33.475 ng/uL
RT: 15.134 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Tgt Ion:250 Resp: 481906
Ion Ratio Lower Upper
250 100
248 63.3 50.5 75.7
252 64.1 52.3 78.5





#77

Carbazole

Concen: 39.960 ng/ul

RT: 17.969 min Scan# 2480

Delta R.T. -0.006 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

Instrument :

BNA_P

ClientSampleId :

HOA37MSD

Tgt Ion:167 Resp: 1709820

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

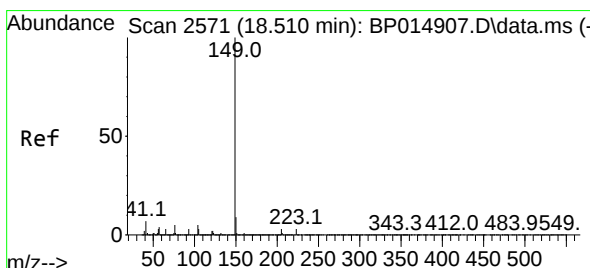
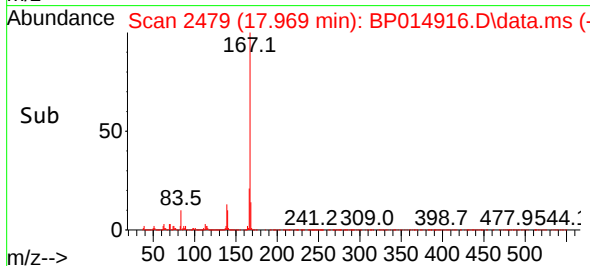
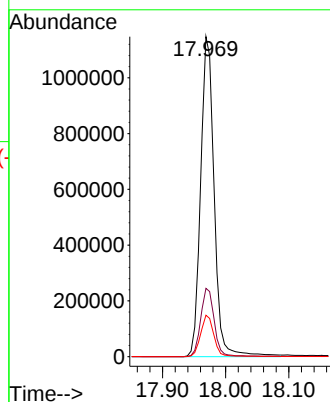
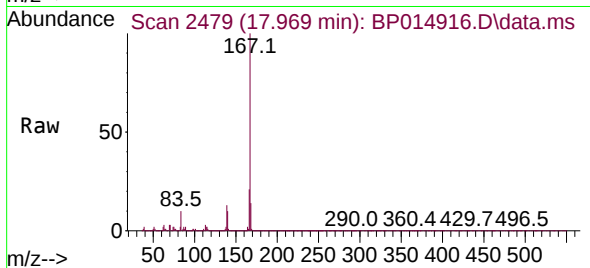
139 13.0 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#78

Di-n-butylphthalate

Concen: 41.582 ng/ul

RT: 18.504 min Scan# 2570

Delta R.T. -0.006 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

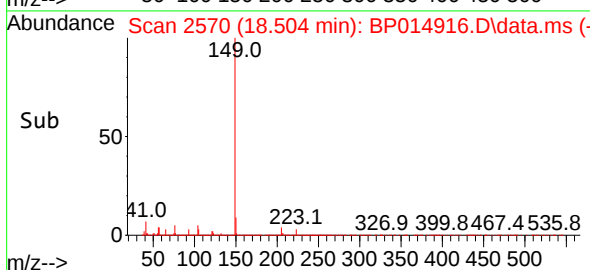
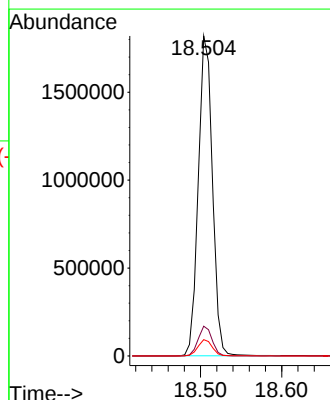
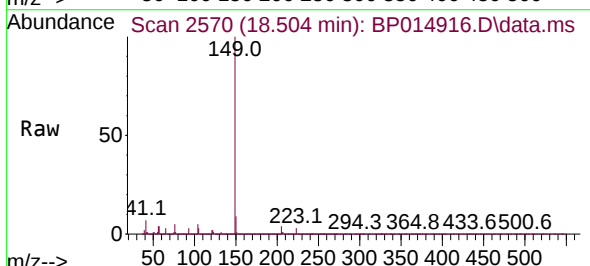
Tgt Ion:149 Resp: 2207241

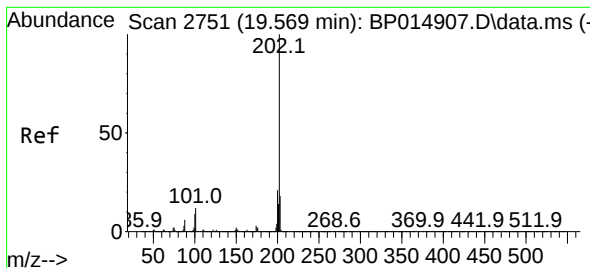
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

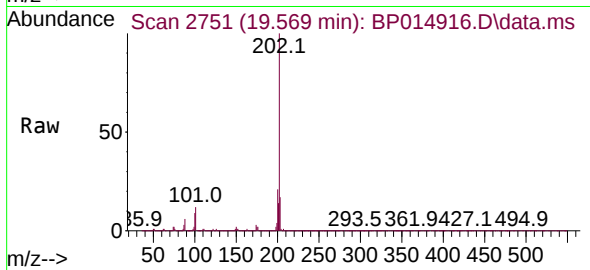
104 5.1 4.0 6.0





#80
Fluoranthene
Concen: 40.214 ng/ul
RT: 19.569 min Scan# 2751
Delta R.T. -0.000 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

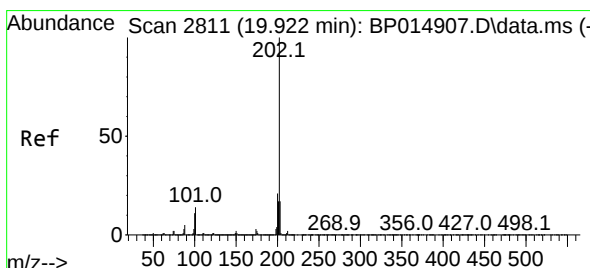
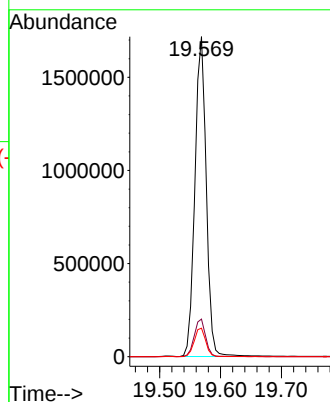
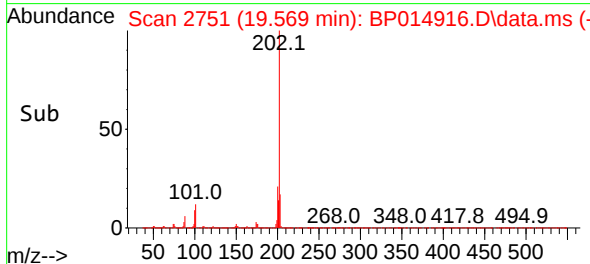
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



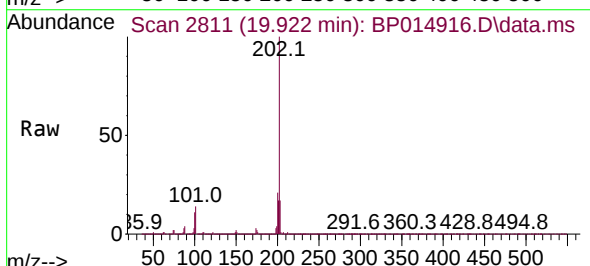
Tgt Ion:202 Resp: 222368
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 8.9 7.3 10.9

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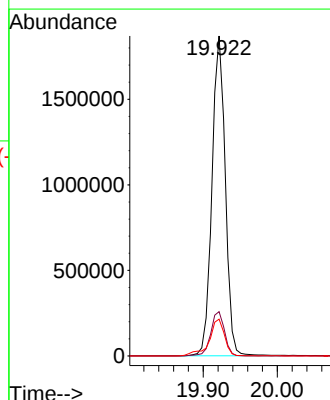
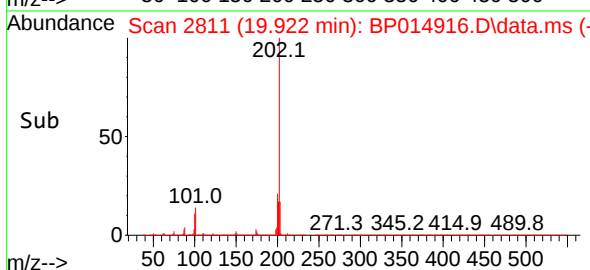
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

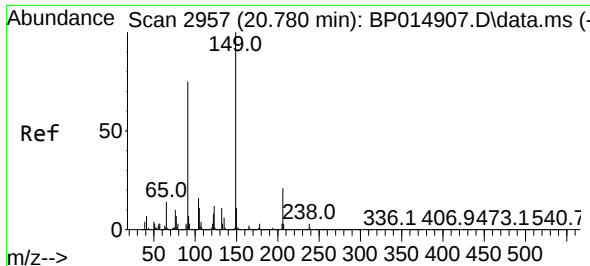


#82
Pyrene
Concen: 39.694 ng/ul
RT: 19.922 min Scan# 2811
Delta R.T. -0.000 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50



Tgt Ion:202 Resp: 2332729
Ion Ratio Lower Upper
202 100
101 13.8 10.9 16.3
100 11.5 8.6 12.8





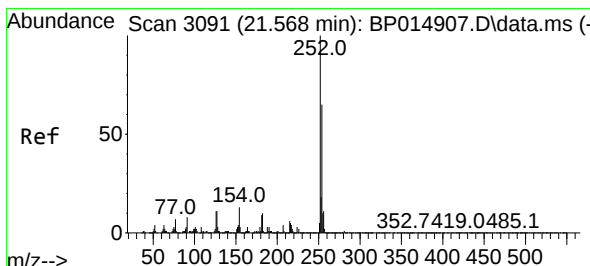
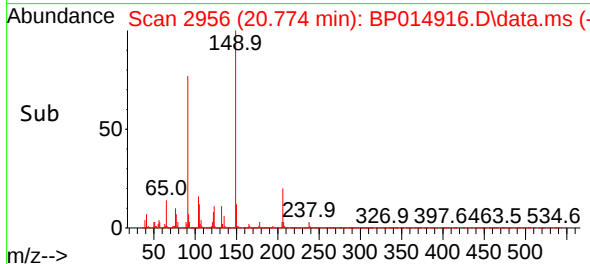
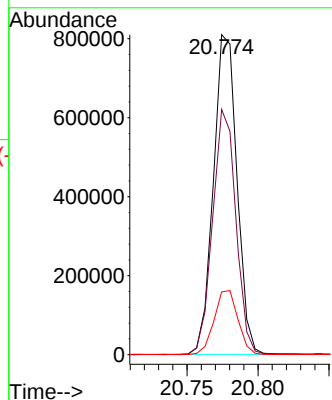
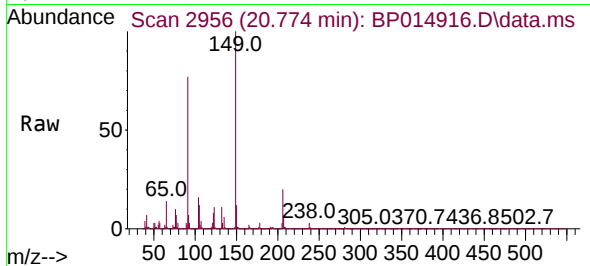
#83
Butylbenzylphthalate
Concen: 42.315 ng/ul
RT: 20.774 min Scan# 2957
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Instrument :
BNA_P
ClientSampleId :
HOA37MSD

Tgt Ion:149 Resp: 935858
Ion Ratio Lower Upper
149 100
91 76.7 58.3 87.5
206 19.6 17.4 26.0

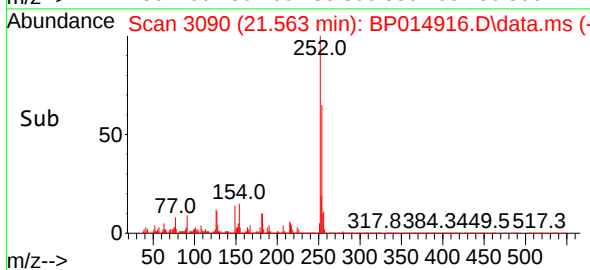
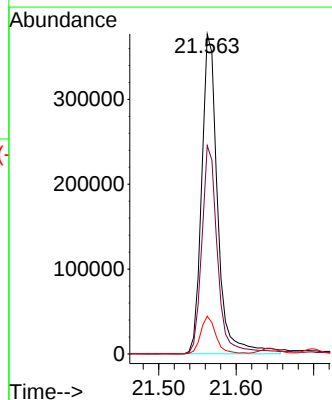
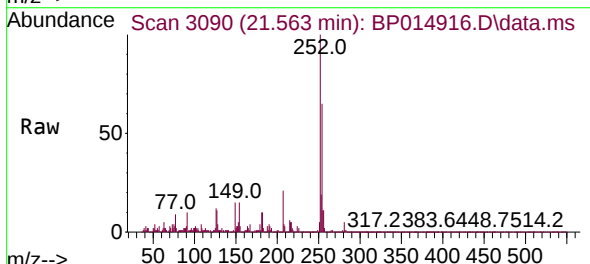
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APPROVED

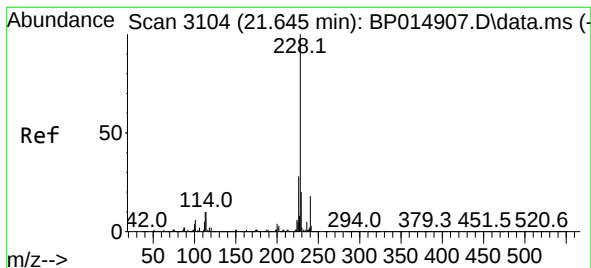
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#84
3,3'-Dichlorobenzidine
Concen: 30.182 ng/ul
RT: 21.563 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Tgt Ion:252 Resp: 539004
Ion Ratio Lower Upper
252 100
254 65.1 52.6 78.8
126 11.8 8.9 13.3





#85

Benzo(a)anthracene

Concen: 38.950 ng/ul

RT: 21.639 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

Instrument :

BNA_P

ClientSampleId :

HOA37MSD

Tgt Ion:228 Resp: 2149668

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

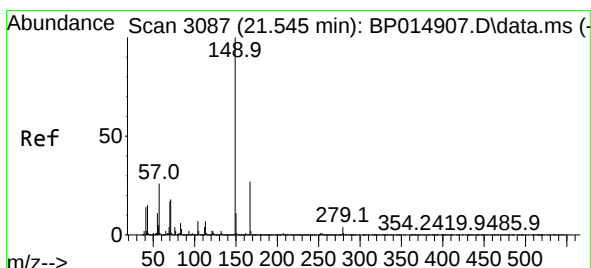
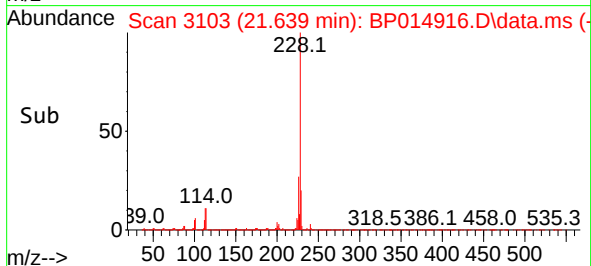
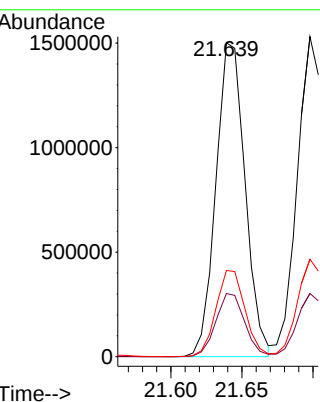
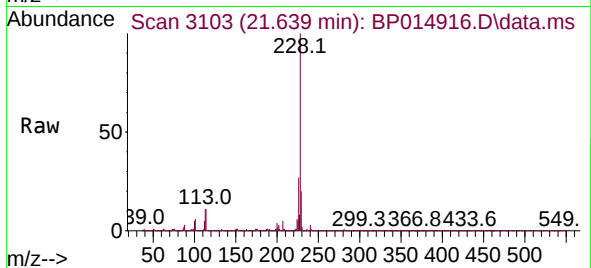
226 27.5 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 41.666 ng/ul

RT: 21.545 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

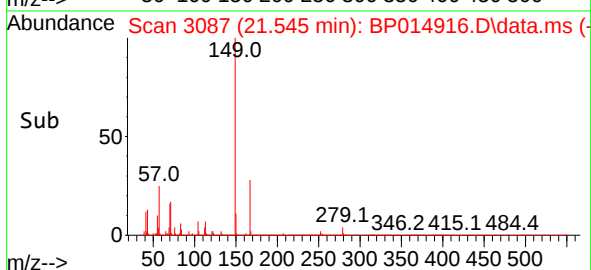
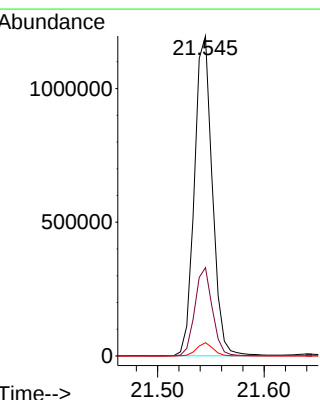
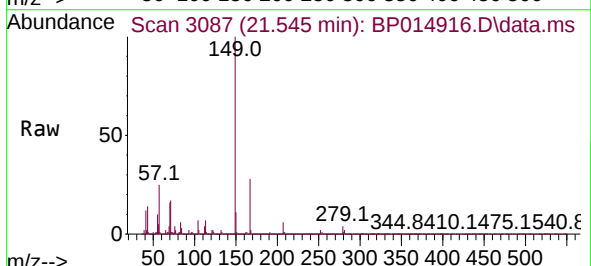
Tgt Ion:149 Resp: 1396883

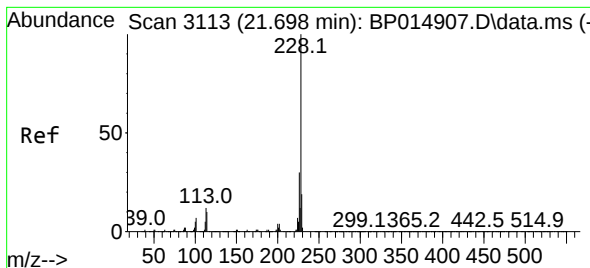
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.2

279 4.2 3.4 5.0





#87

Chrysene

Concen: 38.555 ng/ul

RT: 21.698 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

Instrument :

BNA_P

ClientSampleId :

HOA37MSD

Tgt Ion:228 Resp: 211776

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

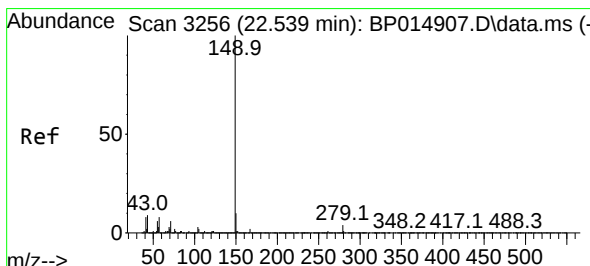
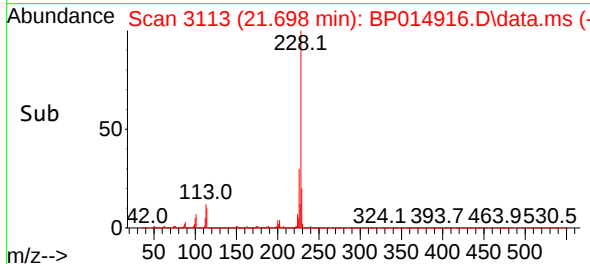
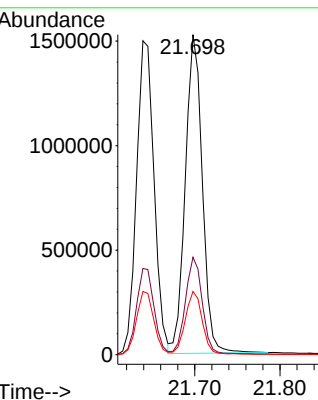
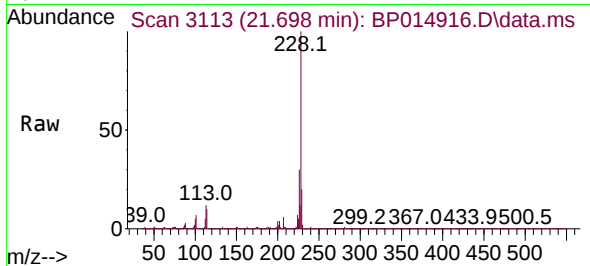
229 19.8 15.6 23.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#89

Di-n-octyl phthalate

Concen: 40.219 ng/ul

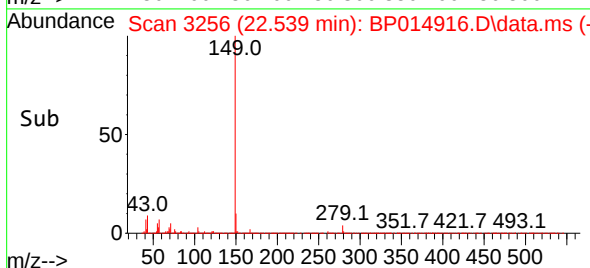
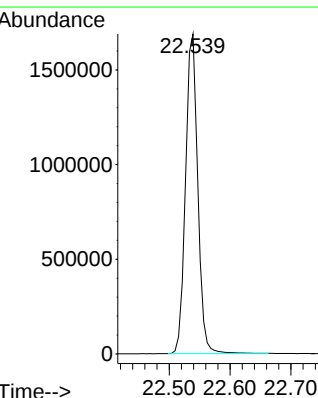
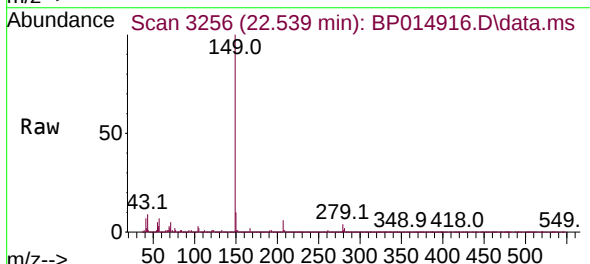
RT: 22.539 min Scan# 3256

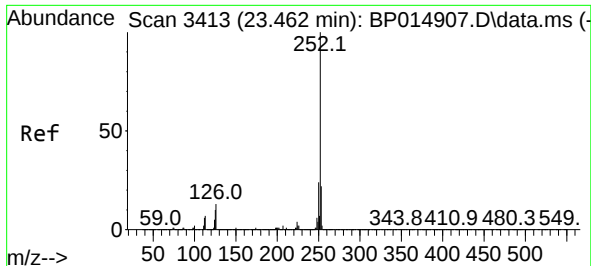
Delta R.T. -0.000 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

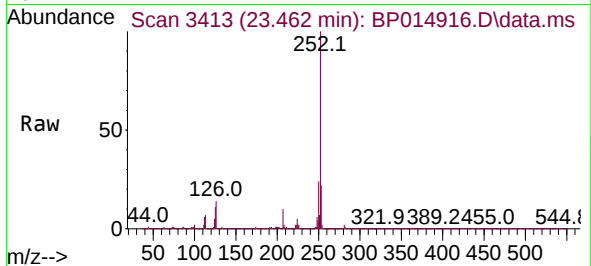
Tgt Ion:149 Resp: 2358153





#90
Benzo(b)fluoranthene
Concen: 39.371 ng/ul
RT: 23.462 min Scan# 3413
Delta R.T. -0.000 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

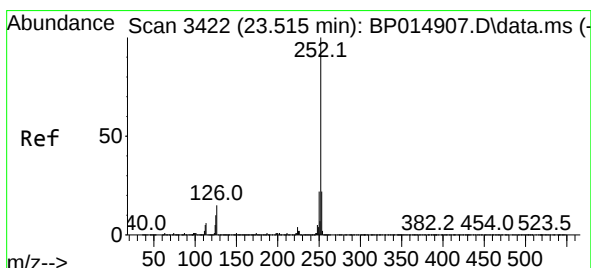
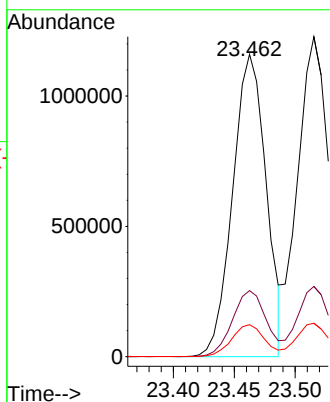
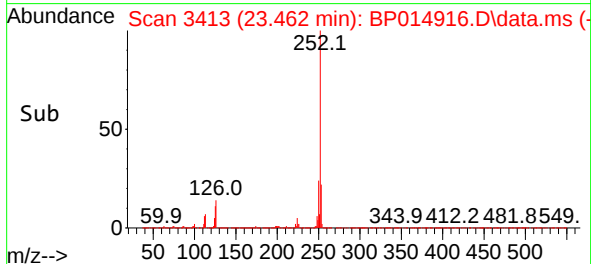
Instrument :
BNA_P
ClientSampleId :
HOA37MSD



Tgt Ion:252 Resp: 2214889
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.6 8.1 12.1

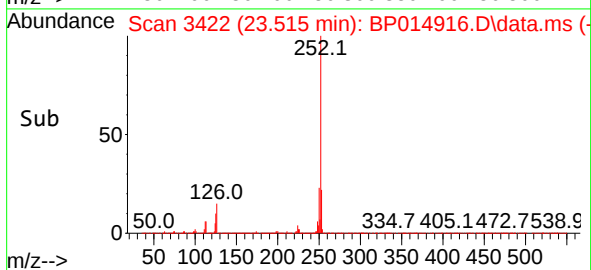
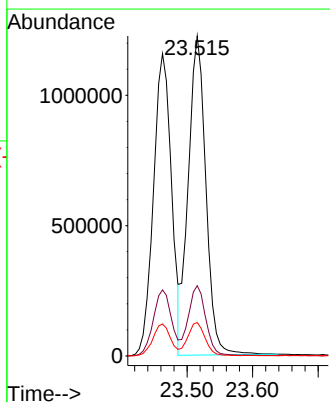
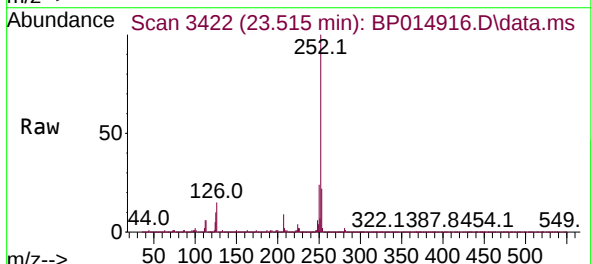
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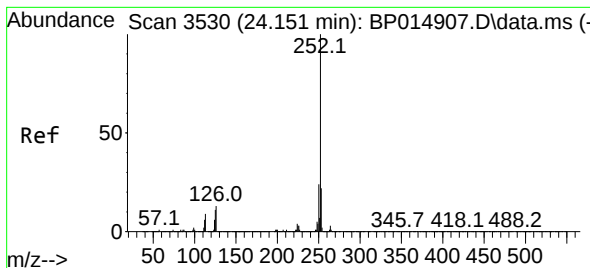
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#91
Benzo(k)fluoranthene
Concen: 39.208 ng/ul
RT: 23.515 min Scan# 3422
Delta R.T. -0.000 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Tgt Ion:252 Resp: 2288352
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.4 7.8 11.6





#93

Benzo(a)pyrene

Concen: 39.583 ng/ul

RT: 24.157 min Scan# 3531

Delta R.T. 0.006 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

Instrument :

BNA_P

ClientSampleId :

HOA37MSD

Tgt Ion:252 Resp: 202520

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

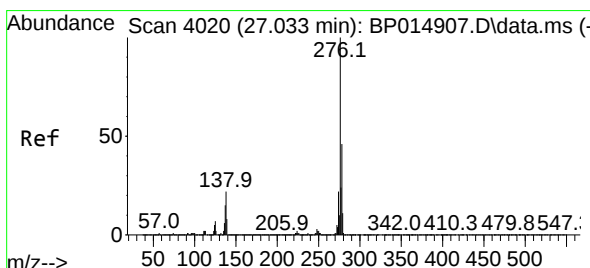
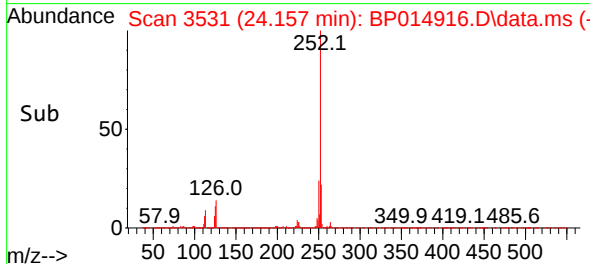
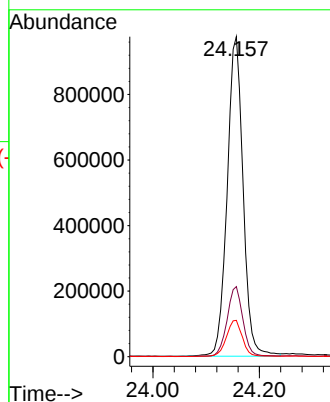
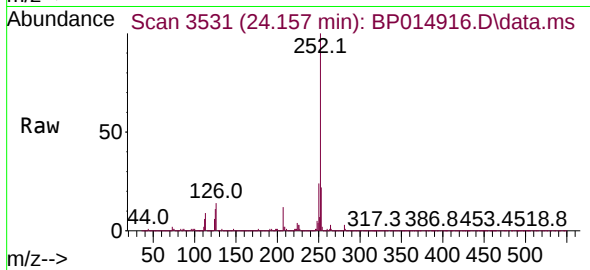
125 11.3 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.993 ng/ul

RT: 27.039 min Scan# 4021

Delta R.T. 0.006 min

Lab File: BP014916.D

Acq: 01 May 2023 15:50

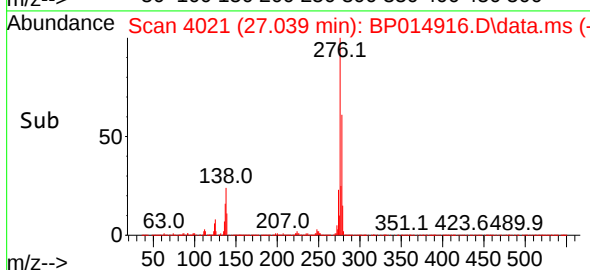
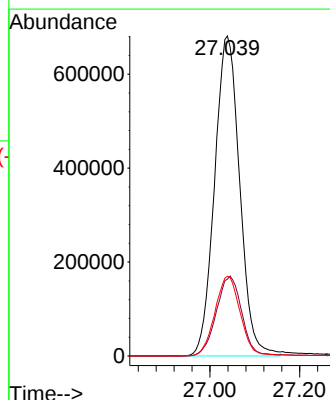
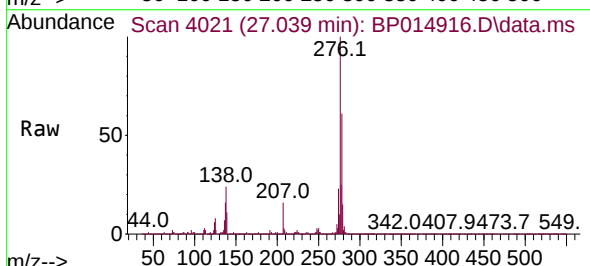
Tgt Ion:276 Resp: 2649286

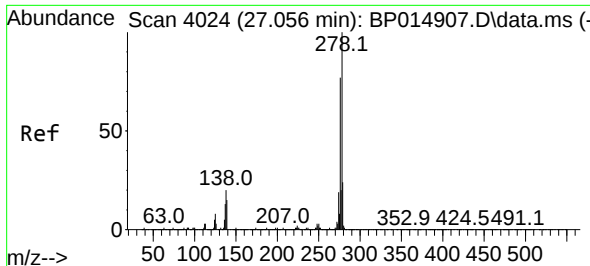
Ion Ratio Lower Upper

276 100

138 24.0 17.4 26.0

277 24.9 19.4 29.2





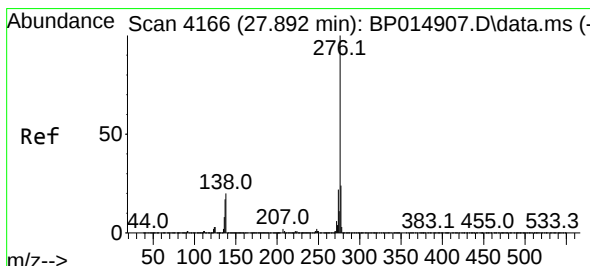
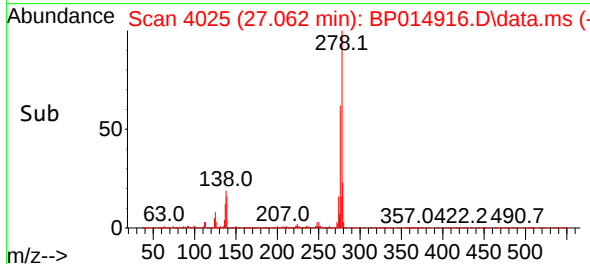
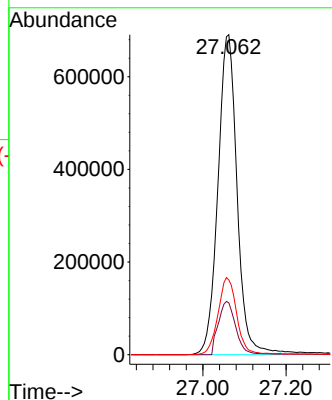
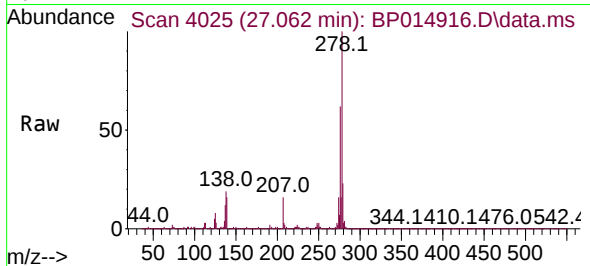
#95
Dibenzo(a,h)anthracene
Concen: 39.191 ng/ul
RT: 27.062 min Scan# 4024
Delta R.T. 0.006 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Instrument :
BNA_P
ClientSampleId :
HOA37MSD

Tgt Ion:278 Resp: 220226
Ion Ratio Lower Upper
278 100
139 16.2 12.1 18.1
279 23.4 18.7 28.1

Manual Integrations
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Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#96
Benzo(g,h,i)perylene
Concen: 39.188 ng/ul
RT: 27.892 min Scan# 4166
Delta R.T. -0.000 min
Lab File: BP014916.D
Acq: 01 May 2023 15:50

Tgt Ion:276 Resp: 2197541
Ion Ratio Lower Upper
276 100
138 20.7 15.8 23.6
277 23.7 19.0 28.6

