

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013624.D
 Acq On : 27 Jan 2023 18:50
 Operator : CG/JU
 Sample : 01289-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ209-STOCKMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023

Quant Time: Jan 29 23:53:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 03:27:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	255942	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	878455	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	479120	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	958088	20.000	ng	# 0.00
76) Chrysene-d12	21.627	240	859241	20.000	ng	0.00
86) Perylene-d12	24.216	264	1021604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1944475	136.141	ng	0.01
7) Phenol-d6	7.305	99	2264142	117.347	ng	0.00
23) Nitrobenzene-d5	9.328	82	1478602	92.487	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	856193	117.374	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	3386621	100.952	ng	0.00
79) Terphenyl-d14	20.075	244	4489898	92.210	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.546	88	279857	44.441	ng	# 47
3) Pyridine	3.958	79	649746	36.298	ng	99
4) n-Nitrosodimethylamine	3.858	42	309980	44.309	ng	89
6) Aniline	7.475	93	575877	22.521	ng	99
8) 2-Chlorophenol	7.716	128	760857	50.183	ng	99
9) Benzaldehyde	7.281	77	289269m	21.449	ng	
10) Phenol	7.328	94	861734	42.637	ng	97
11) bis(2-Chloroethyl)ether	7.569	93	805604	48.133	ng	98
12) 1,3-Dichlorobenzene	8.046	146	907444	51.849	ng	98
13) 1,4-Dichlorobenzene	8.193	146	914296	51.517	ng	99
14) 1,2-Dichlorobenzene	8.511	146	869064	52.012	ng	100
15) Benzyl Alcohol	8.393	79	653344m	43.608	ng	
16) 2,2'-oxybis(1-Chloropr...	8.687	45	913445	48.431	ng	99
17) 2-Methylphenol	8.593	107	619298	42.464	ng	98
18) Hexachloroethane	9.252	117	312099	49.087	ng	98
19) n-Nitroso-di-n-propyla...	8.969	70	537304	42.851	ng	97
20) 3+4-Methylphenols	8.922	107	808404	40.449	ng	98
22) Acetophenone	8.987	105	1092589	49.275	ng	# 97
24) Nitrobenzene	9.375	77	813438	48.616	ng	98
25) Isophorone	9.905	82	1527290	43.612	ng	98
26) 2-Nitrophenol	10.087	139	340255	47.340	ng	94
27) 2,4-Dimethylphenol	10.140	122	633292	47.598	ng	97
28) bis(2-Chloroethoxy)met...	10.381	93	959499	48.156	ng	99
29) 2,4-Dichlorophenol	10.622	162	709924	47.414	ng	100
30) 1,2,4-Trichlorobenzene	10.846	180	837358	50.442	ng	97
31) Naphthalene	11.040	128	2171155	48.639	ng	99
32) Benzoic acid	10.269	122	375847	38.750	ng	98
33) 4-Chloroaniline	11.146	127	94107	4.856	ng	98
34) Hexachlorobutadiene	11.322	225	541137	48.483	ng	99
35) Caprolactam	11.928	113	146224	34.060	ng	98
36) 4-Chloro-3-methylphenol	12.246	107	661103	41.650	ng	98
37) 2-Methylnaphthalene	12.628	142	1491459	43.718	ng	99
38) 1-Methylnaphthalene	12.846	142	1365459	42.764	ng	98
40) 1,2,4,5-Tetrachloroben...	12.993	216	911000	54.577	ng	99
41) Hexachlorocyclopentadiene	12.975	237	1015022	117.698	ng	100
43) 2,4,6-Trichlorophenol	13.228	196	562799	50.390	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.298	196	593972	45.475	ng	98
46) 1,1'-Biphenyl	13.628	154	1898787	53.183	ng	98
47) 2-Chloronaphthalene	13.675	162	1475674	54.160	ng	99
48) 2-Nitroaniline	13.869	65	255426	39.805	ng	97
49) Acenaphthylene	14.516	152	2221150	49.423	ng	99
50) Dimethylphthalate	14.240	163	1725064	46.353	ng	99
51) 2,6-Dinitrotoluene	14.357	165	315049	42.122	ng	98
52) Acenaphthene	14.857	154	1522785m	52.942	ng	
53) 3-Nitroaniline	14.687	138	162437	23.519	ng	98
54) 2,4-Dinitrophenol	14.893	184	374801	81.960	ng	97
55) Dibenzofuran	15.193	168	2132434	47.336	ng	98
56) 4-Nitrophenol	14.987	139	510657	84.178	ng	90
57) 2,4-Dinitrotoluene	15.145	165	409281	40.853	ng	94
58) Fluorene	15.840	166	1586153	46.044	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.410	232	497939	44.006	ng	100
60) Diethylphthalate	15.604	149	1559151	45.876	ng	100
61) 4-Chlorophenyl-phenyle...	15.828	204	881721	45.326	ng	99
62) 4-Nitroaniline	15.857	138	273026	41.085	ng	92
63) Azobenzene	16.122	77	1537788	44.407	ng	98
65) 4,6-Dinitro-2-methylph...	15.910	198	215194	41.772	ng	98
66) n-Nitrosodiphenylamine	16.040	169	1379939	52.276	ng	98
67) 4-Bromophenyl-phenylether	16.728	248	549330	49.744	ng	98
68) Hexachlorobenzene	16.845	284	639411	52.971	ng	99
69) Atrazine	16.992	200	454998	56.387	ng	100
70) Pentachlorophenol	17.187	266	805006	85.813	ng	99
71) Phenanthrene	17.587	178	2521658	51.318	ng	99
72) Anthracene	17.681	178	2517440	50.702	ng	100
73) Carbazole	17.939	167	2203337	49.800	ng	100
74) Di-n-butylphthalate	18.481	149	2336600	56.812	ng	99
75) Fluoranthene	19.539	202	2918671	47.622	ng	99
77) Benzidine	19.710	184	202112	22.435	ng	99
78) Pyrene	19.892	202	3015833	45.352	ng	100
80) Butylbenzylphthalate	20.745	149	460377	50.086	ng	97
81) Benzo(a)anthracene	21.610	228	2952986	48.805	ng	99
82) 3,3'-Dichlorobenzidine	21.533	252	458585	32.416	ng	# 98
83) Chrysene	21.669	228	2778297	48.869	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	794335	54.093	ng	99
85) Di-n-octyl phthalate	22.504	149	1594060	61.349	ng	99
87) Indeno(1,2,3-cd)pyrene	26.957	276	4340407	60.433	ng	99
88) Benzo(b)fluoranthene	23.421	252	3226261	49.190	ng	99
89) Benzo(k)fluoranthene	23.474	252	3186005	48.931	ng	99
90) Benzo(a)pyrene	24.104	252	2907665	47.101	ng	98
91) Dibenzo(a,h)anthracene	26.980	278	3604335	60.310	ng	99
92) Benzo(g,h,i)perylene	27.798	276	3623002	61.570	ng	98

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

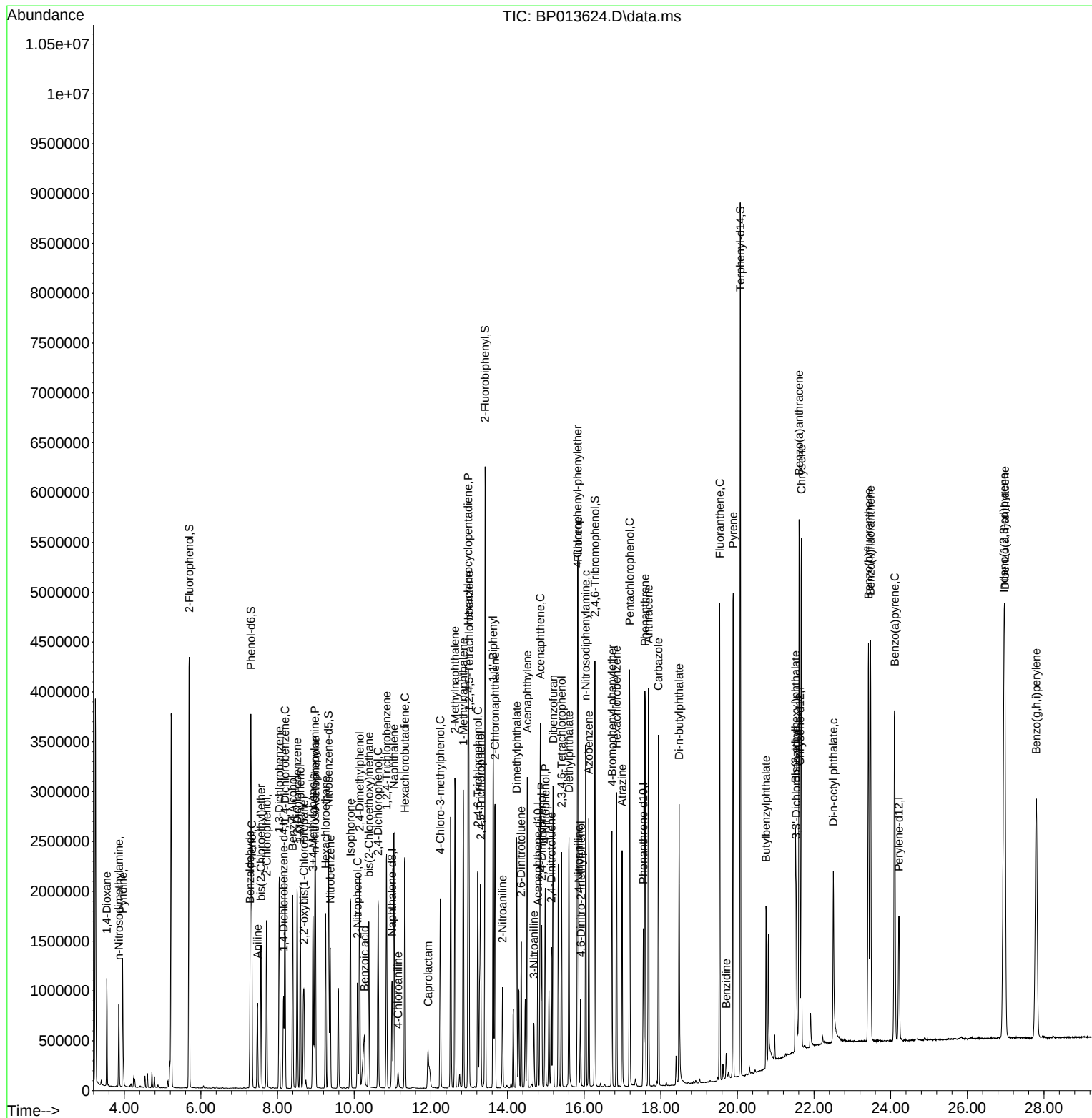
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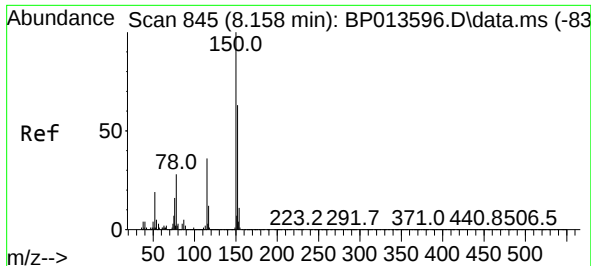
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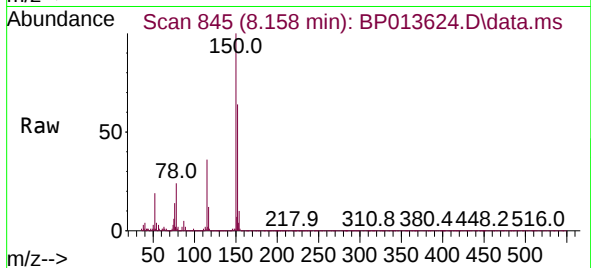
Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 84
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

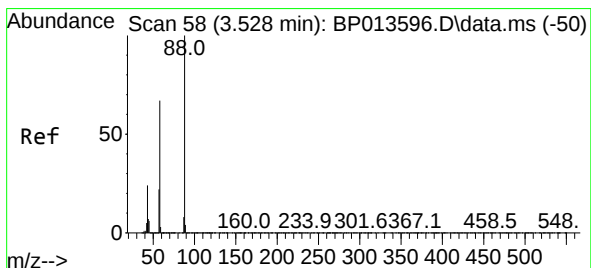
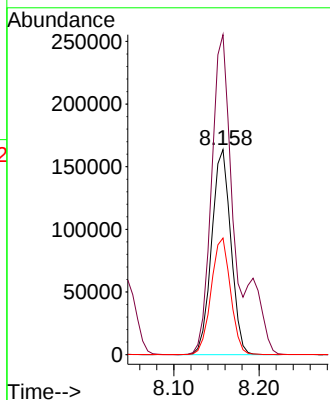
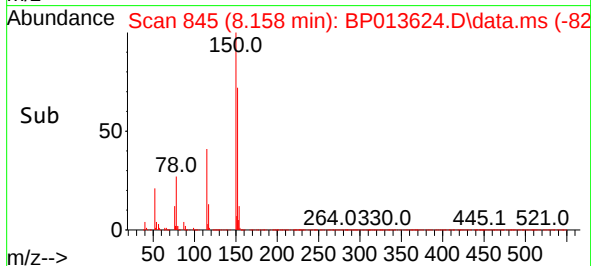
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:152 Resp: 255942
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 56.9 45.1 67.7

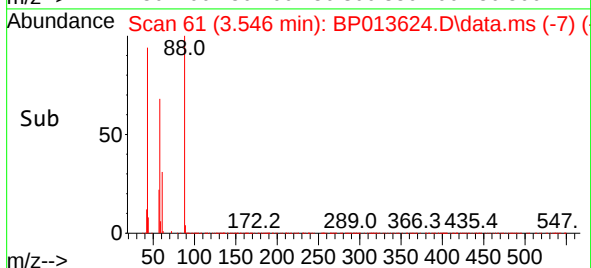
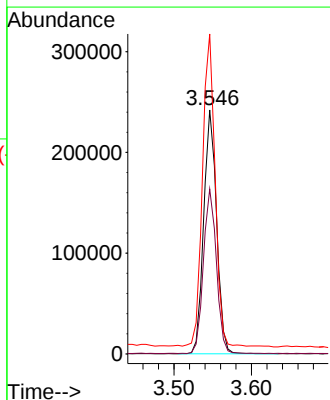
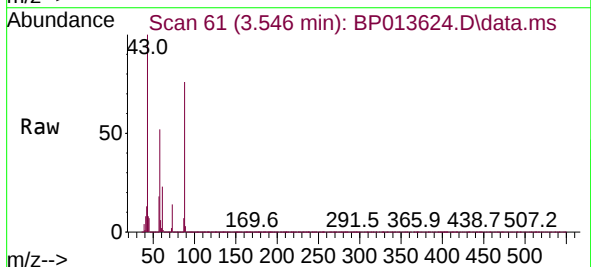
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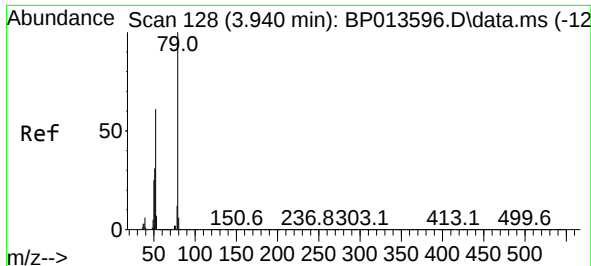
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#2
1,4-Dioxane
Concen: 44.441 ng
RT: 3.546 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Tgt Ion: 88 Resp: 279857
Ion Ratio Lower Upper
88 100
58 67.7 54.2 81.4
43 124.1 20.4 30.6#





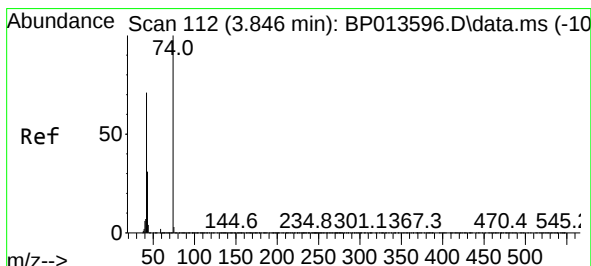
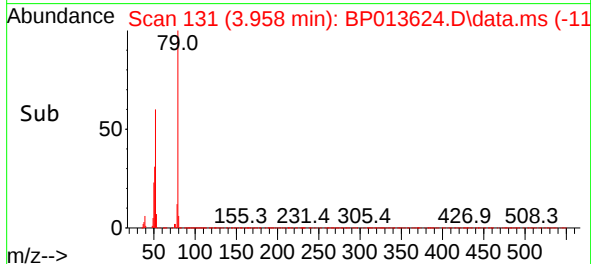
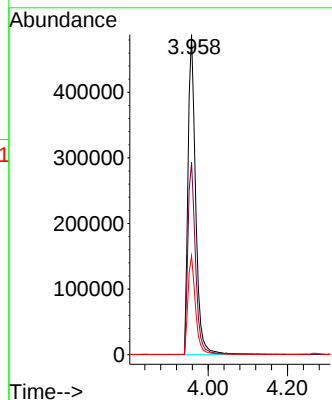
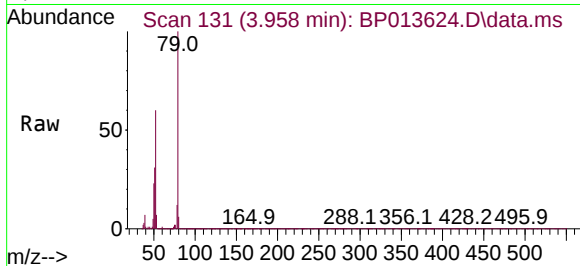
#3
Pyridine
Concen: 36.298 ng
RT: 3.958 min Scan# 113
Delta R.T. 0.018 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion: 79 Resp: 649746
Ion Ratio Lower Upper
79 100
52 60.0 48.6 73.0
51 30.9 25.1 37.7

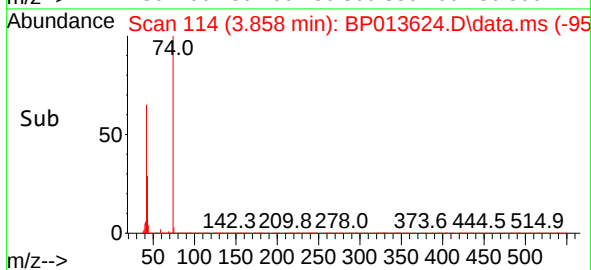
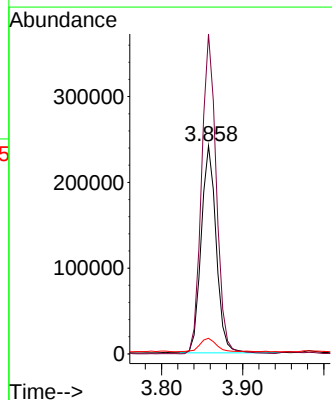
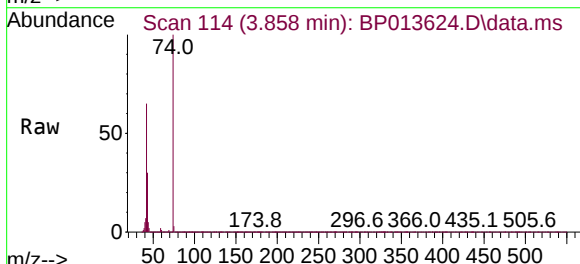
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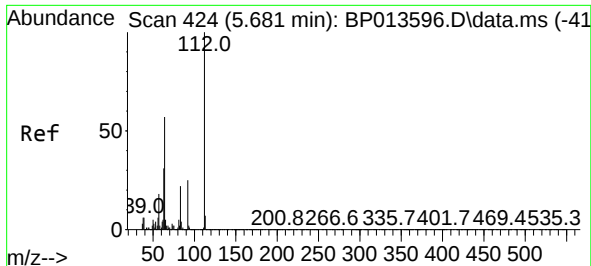
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#4
n-Nitrosodimethylamine
Concen: 44.309 ng
RT: 3.858 min Scan# 114
Delta R.T. 0.012 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Tgt Ion: 42 Resp: 309980
Ion Ratio Lower Upper
42 100
74 153.8 112.2 168.2
44 7.5 5.6 8.4





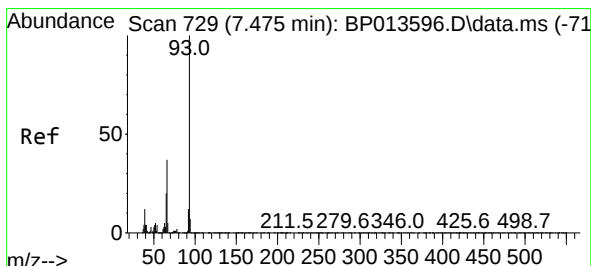
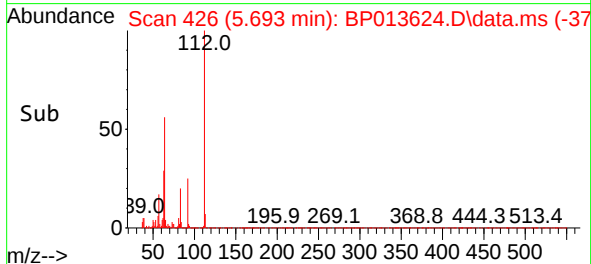
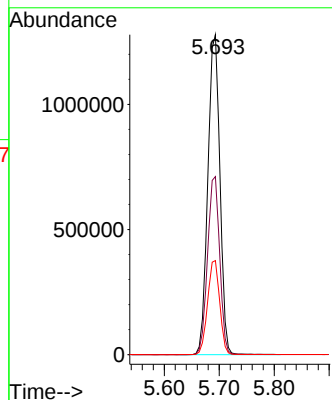
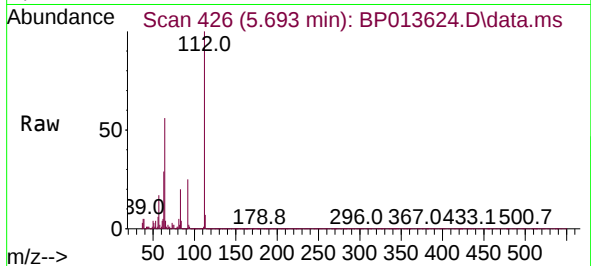
#5
2-Fluorophenol
Concen: 136.141 ng
RT: 5.693 min Scan# 424
Delta R.T. 0.012 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:112 Resp: 1944475
Ion Ratio Lower Upper
112 100
64 55.6 45.5 68.3
63 29.4 25.1 37.7

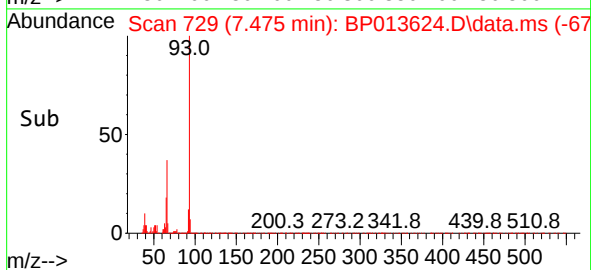
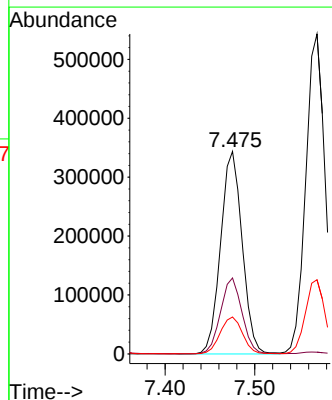
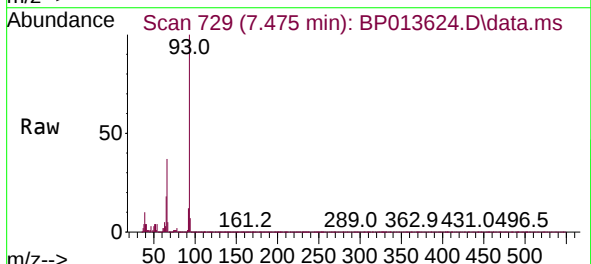
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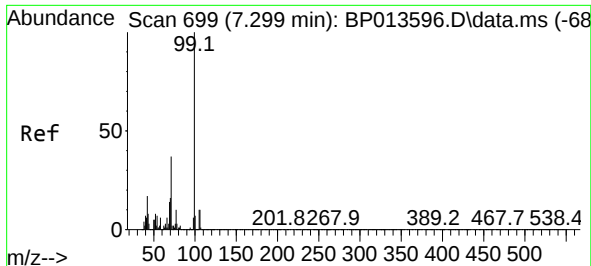
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#6
Aniline
Concen: 22.521 ng
RT: 7.475 min Scan# 729
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

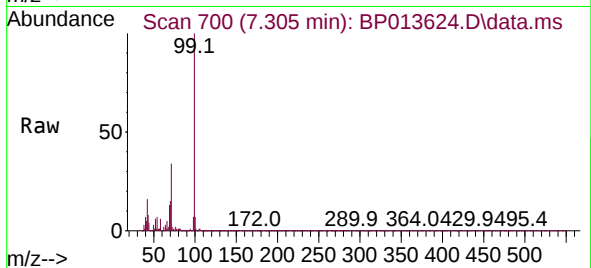
Tgt Ion: 93 Resp: 575877
Ion Ratio Lower Upper
93 100
66 37.5 29.8 44.8
65 18.3 15.8 23.6





#7
Phenol-d6
Concen: 117.347 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013624.D
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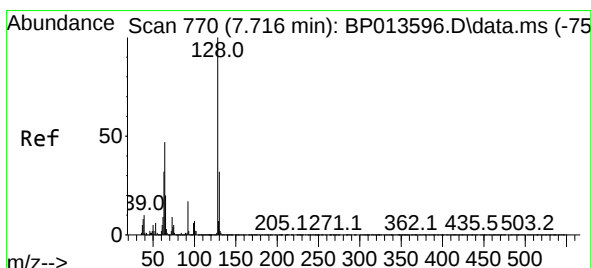
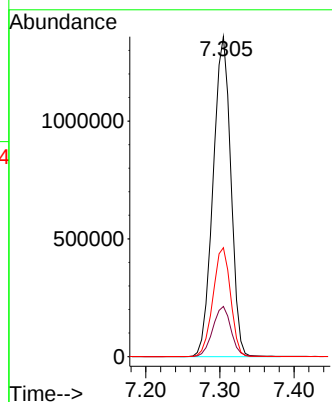
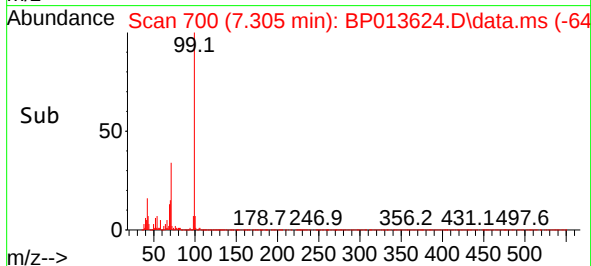
Instrument :
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Tgt Ion: 99 Resp: 2264142
Ion Ratio Lower Upper
99 100
42 15.7 13.4 20.2
71 34.0 29.9 44.9

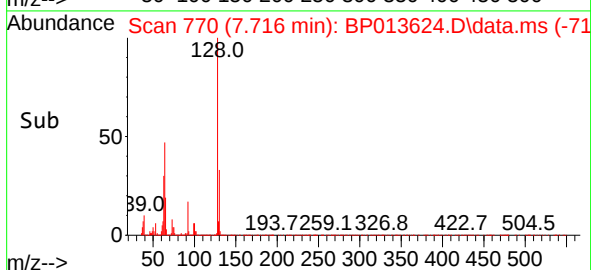
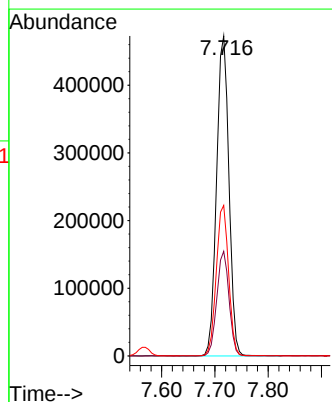
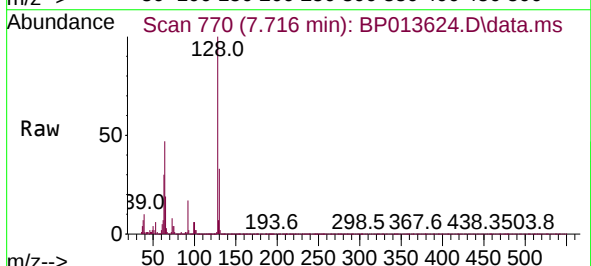
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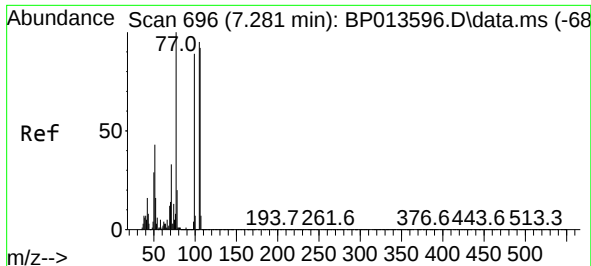
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#8
2-Chlorophenol
Concen: 50.183 ng
RT: 7.716 min Scan# 770
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

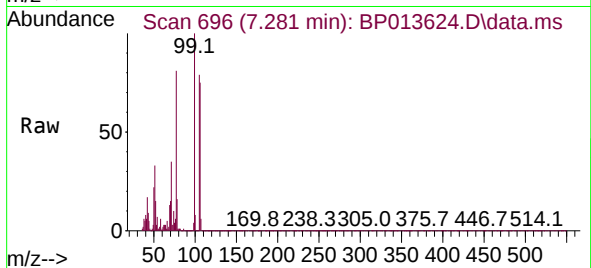
Tgt Ion:128 Resp: 760857
Ion Ratio Lower Upper
128 100
130 32.7 11.9 51.9
64 47.0 26.8 66.8





#9
Benzaldehyde
Concen: 21.449 ng m
RT: 7.281 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP013624.D
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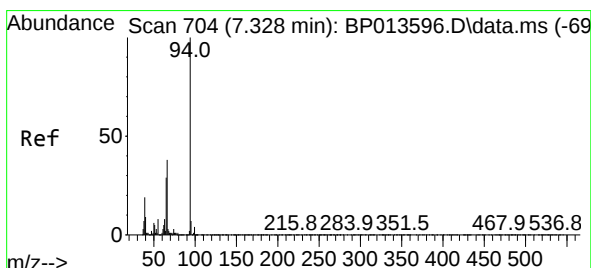
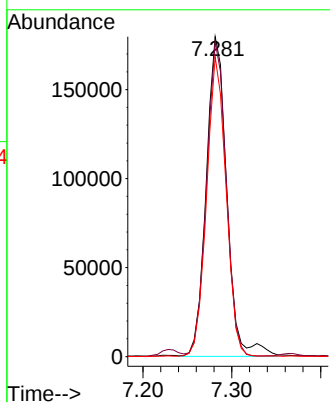
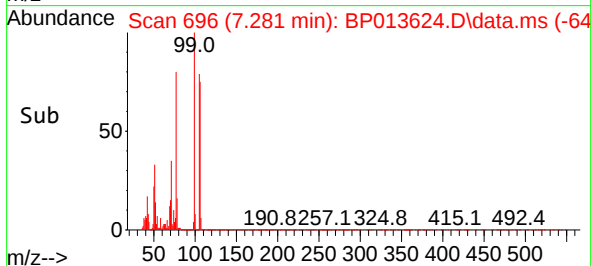
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ClientSampleId :
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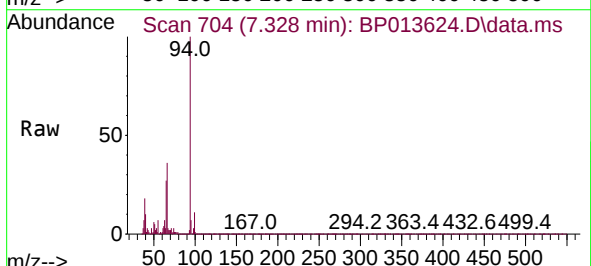
Tgt Ion: 77 Resp: 289269
Ion Ratio Lower Upper
77 100
105 98.4 74.8 114.8
106 93.7 71.5 111.5

Manual Integrations
APPROVED

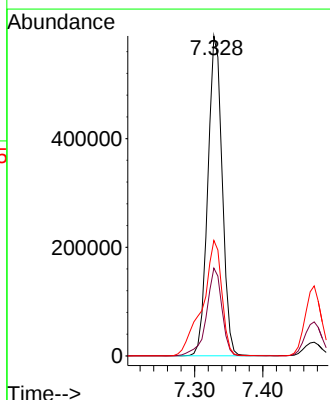
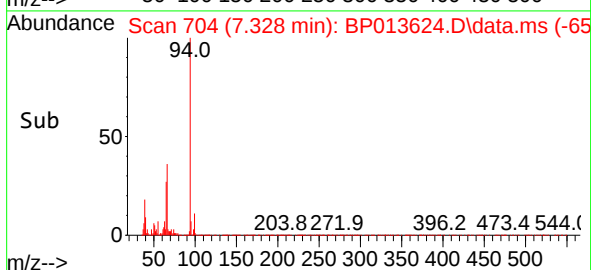
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

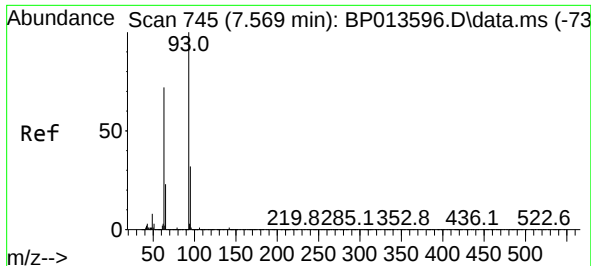


#10
Phenol
Concen: 42.637 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50



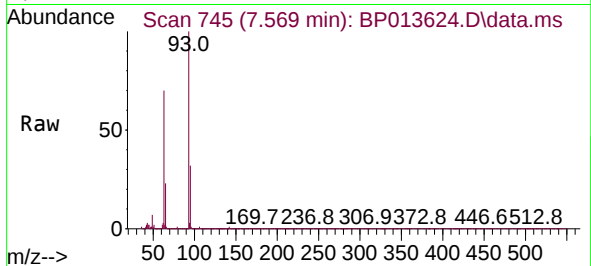
Tgt Ion: 94 Resp: 861734
Ion Ratio Lower Upper
94 100
65 27.4 8.7 48.7
66 36.1 18.4 58.4





#11
bis(2-Chloroethyl)ether
Concen: 48.133 ng
RT: 7.569 min Scan# 745
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

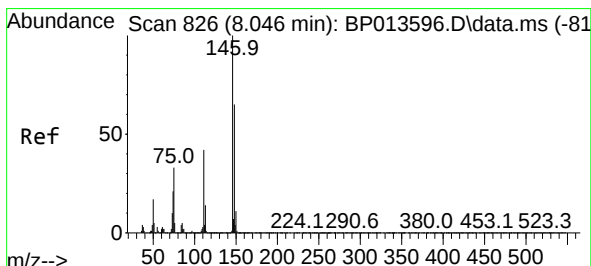
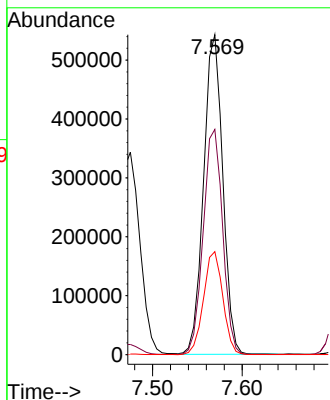
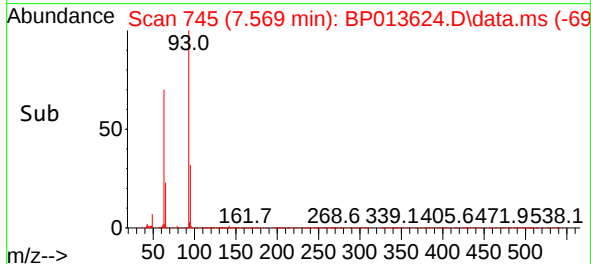
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



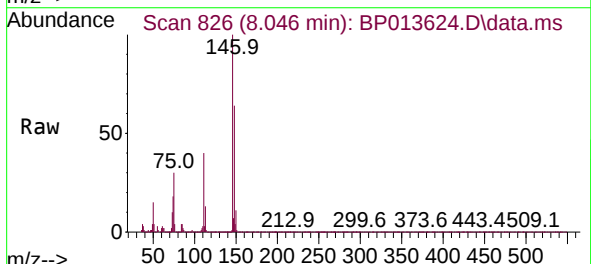
Tgt Ion: 93 Resp: 805604
Ion Ratio Lower Upper
93 100
63 70.4 52.1 92.1
95 32.2 11.9 51.9

Manual Integrations
APPROVED

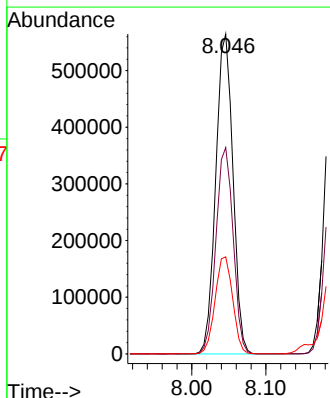
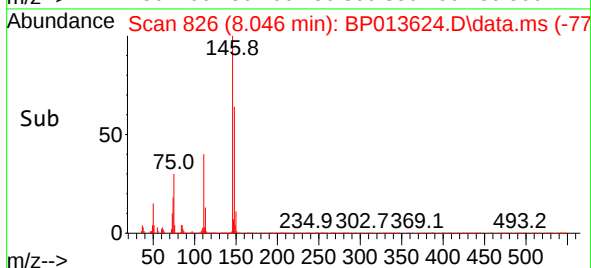
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

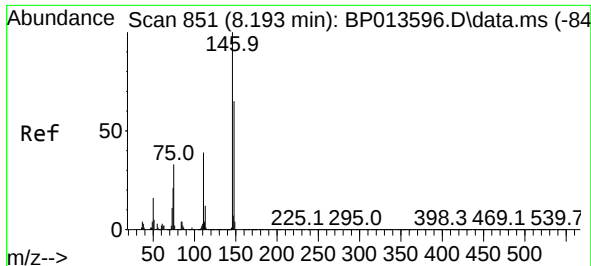


#12
1,3-Dichlorobenzene
Concen: 51.849 ng
RT: 8.046 min Scan# 826
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50



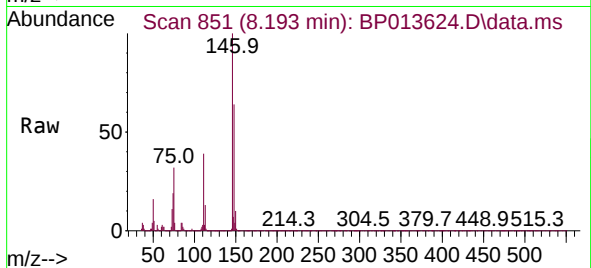
Tgt Ion:146 Resp: 907444
Ion Ratio Lower Upper
146 100
148 64.5 52.2 78.2
75 30.3 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 51.517 ng
RT: 8.193 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

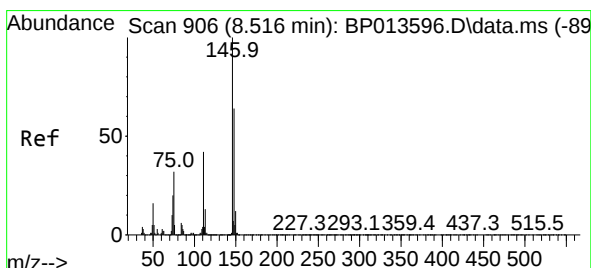
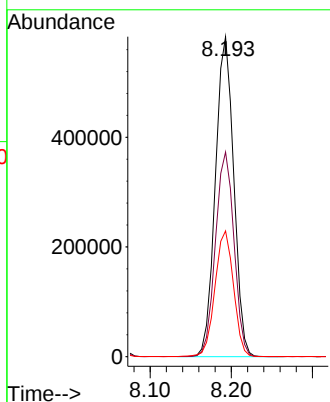
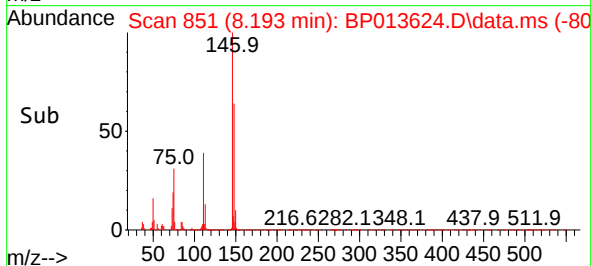
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:146 Resp: 914296
Ion Ratio Lower Upper
146 100
148 63.9 52.0 78.0
111 39.3 31.5 47.3

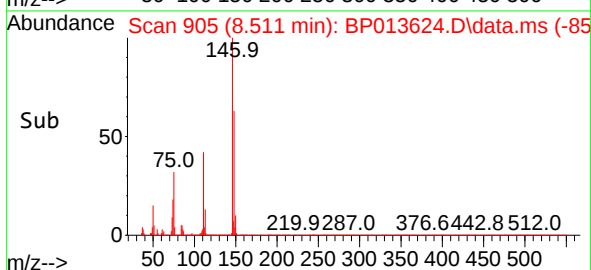
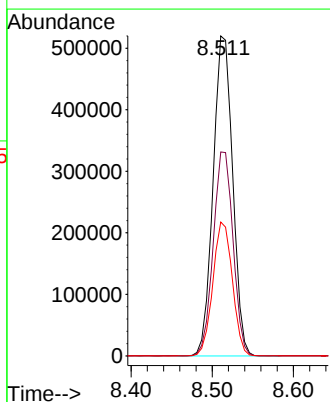
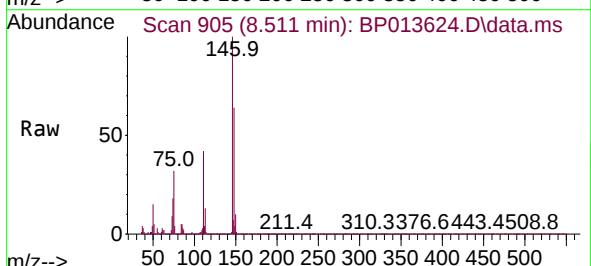
Manual Integrations
APPROVED

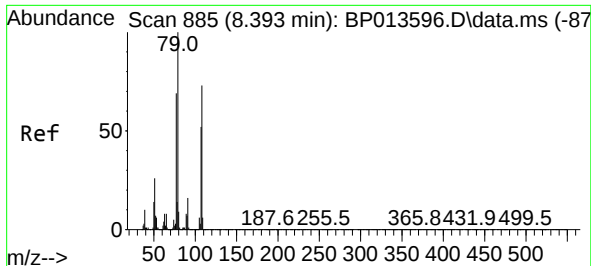
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#14
1,2-Dichlorobenzene
Concen: 52.012 ng
RT: 8.511 min Scan# 905
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

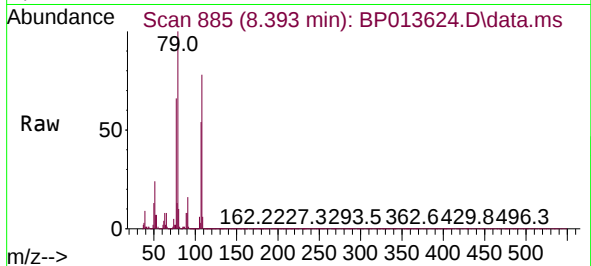
Tgt Ion:146 Resp: 869064
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
111 41.8 33.3 49.9





#15
Benzyl Alcohol
Concen: 43.608 ng m
RT: 8.393 min Scan# 885
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

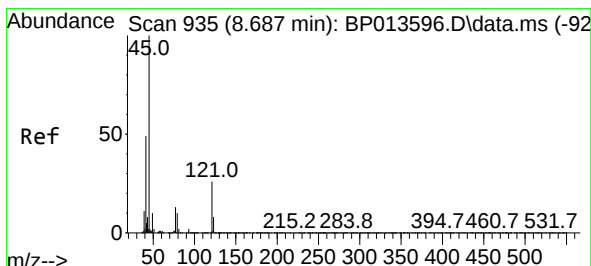
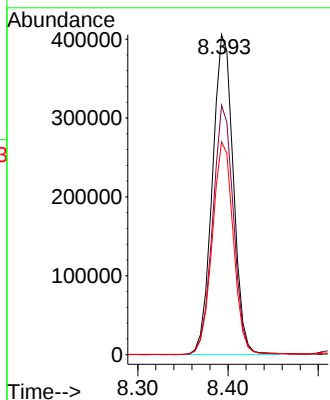
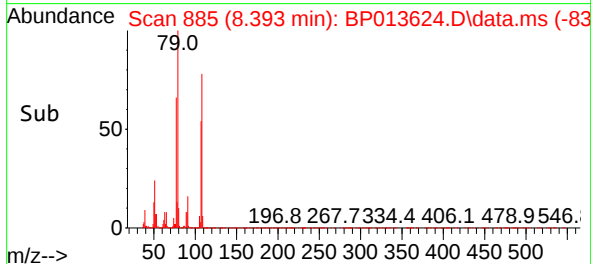
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion: 79 Resp: 653344
Ion Ratio Lower Upper
79 100
108 77.9 58.4 87.6
77 66.5 55.0 82.6

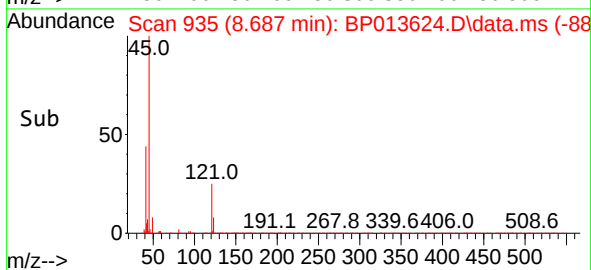
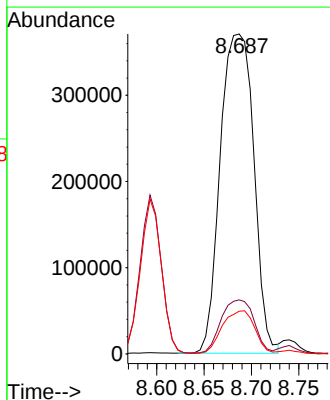
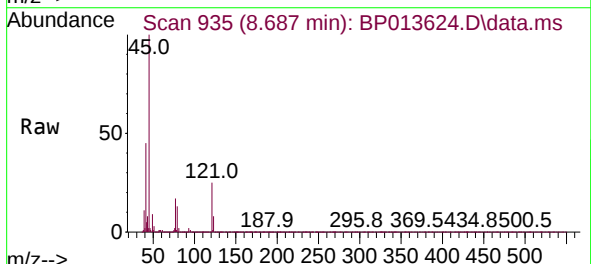
Manual Integrations
APPROVED

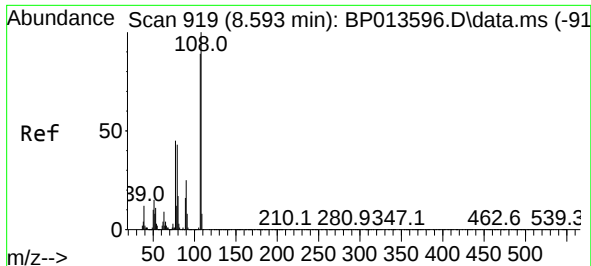
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.431 ng
RT: 8.687 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

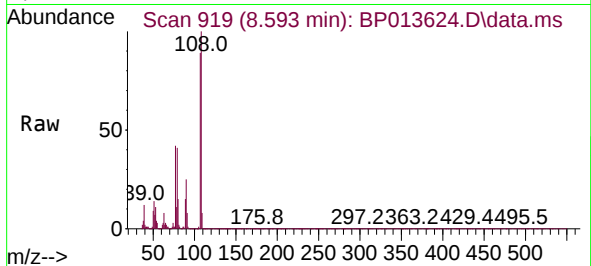
Tgt Ion: 45 Resp: 913445
Ion Ratio Lower Upper
45 100
77 16.9 0.0 37.2
79 13.3 0.0 33.7





#17
2-Methylphenol
Concen: 42.464 ng
RT: 8.593 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

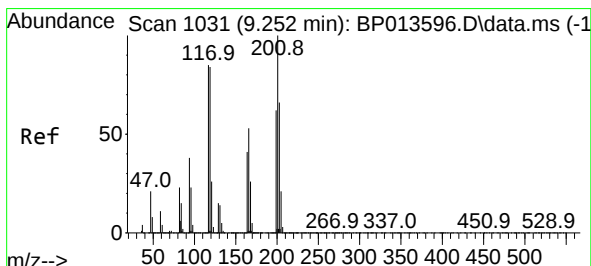
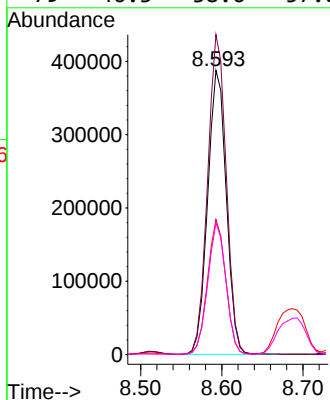
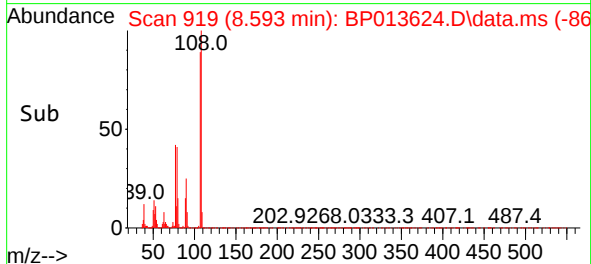
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:	107	Resp:	619298
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.6	134.4
77	47.5	40.4	60.6
79	46.3	38.6	57.8

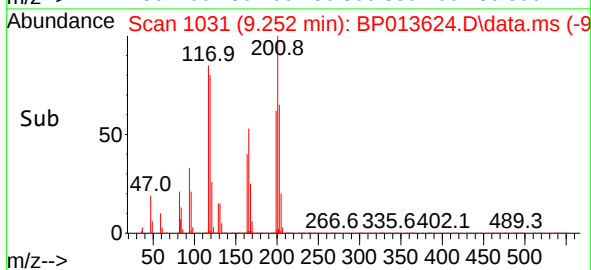
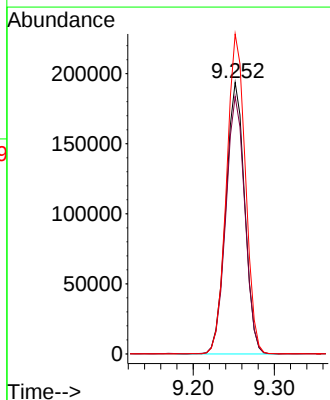
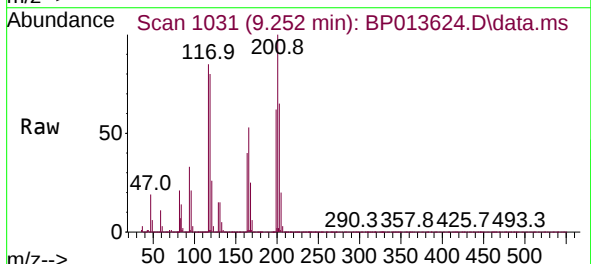
Manual Integrations
APPROVED

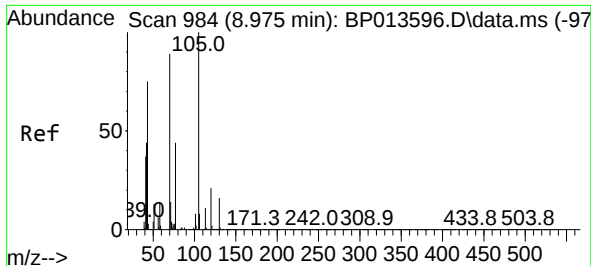
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#18
Hexachloroethane
Concen: 49.087 ng
RT: 9.252 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

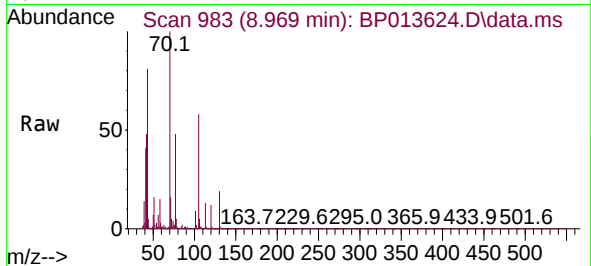
Tgt Ion:	117	Resp:	312099
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.6	118.0
201	117.9	94.0	141.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.851 ng
RT: 8.969 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

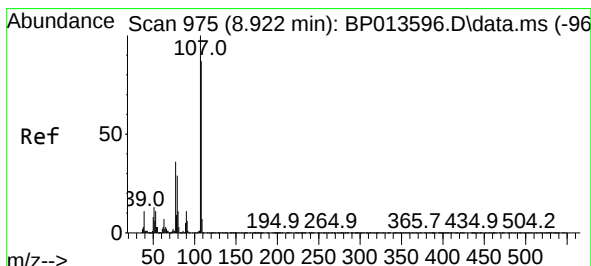
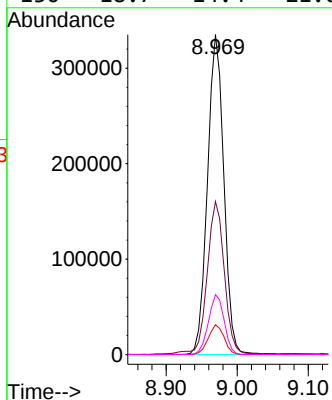
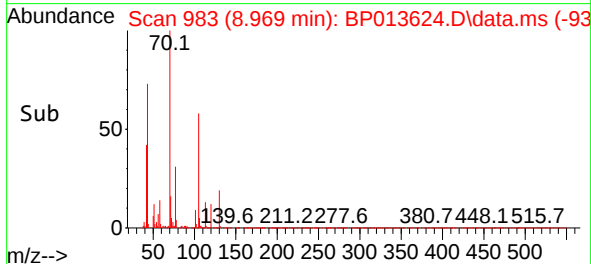
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



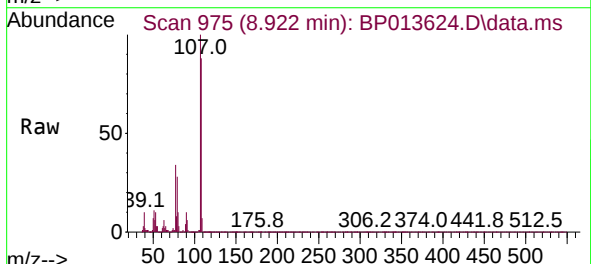
Tgt Ion: 70 Resp: 537304
Ion Ratio Lower Upper
70 100
42 47.8 40.1 60.1
101 9.3 7.0 10.4
130 18.7 14.4 21.6

Manual Integrations
APPROVED

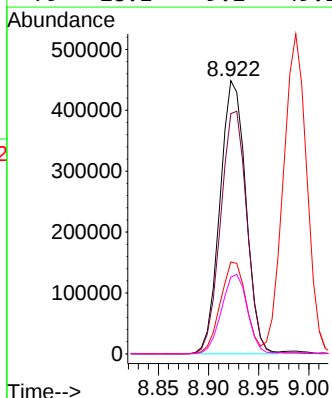
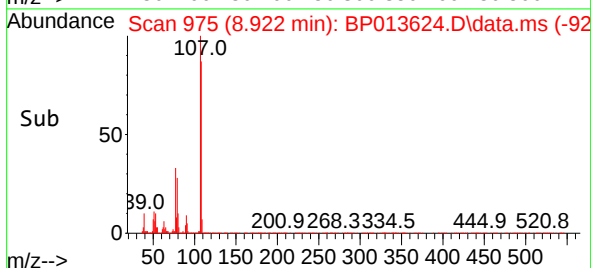
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

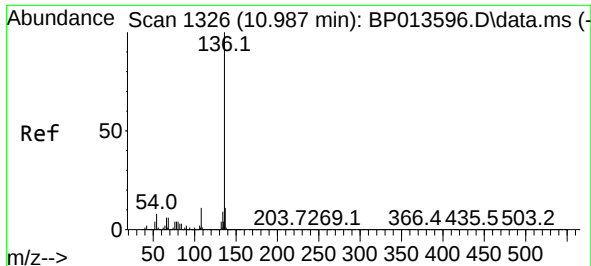


#20
3+4-Methylphenols
Concen: 40.449 ng
RT: 8.922 min Scan# 975
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50



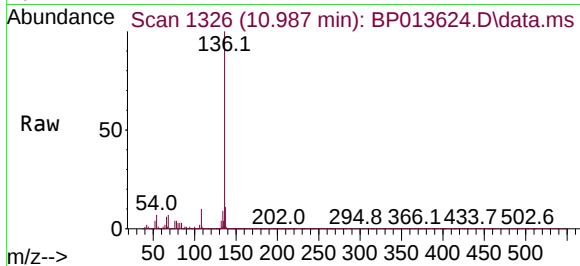
Tgt Ion:107 Resp: 808404
Ion Ratio Lower Upper
107 100
108 87.9 67.4 107.4
77 33.7 15.9 55.9
79 28.1 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

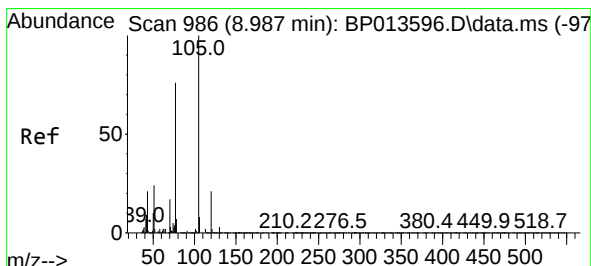
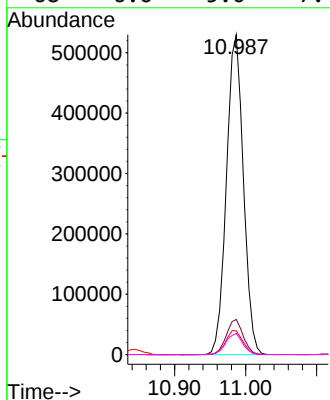
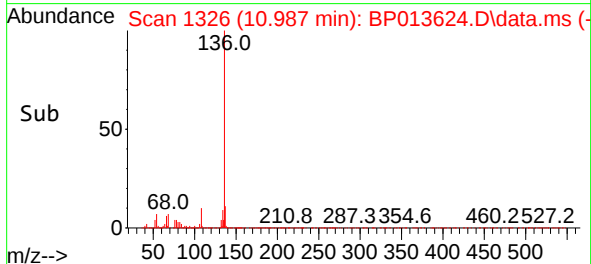
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



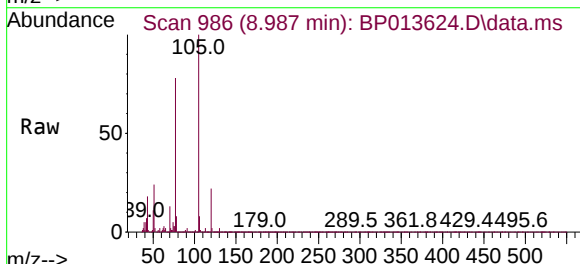
Tgt Ion:136 Resp: 878455
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.4 6.1 9.1
68 6.6 5.0 7.4

Manual Integrations
APPROVED

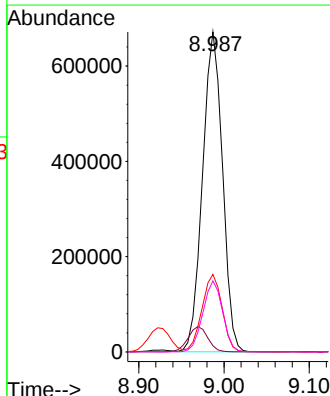
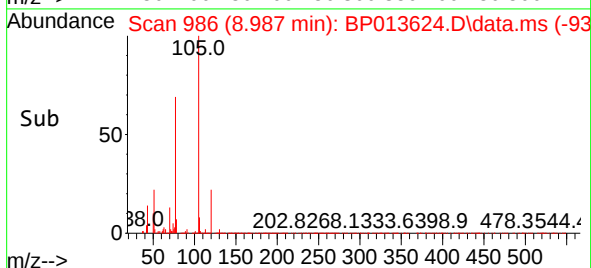
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

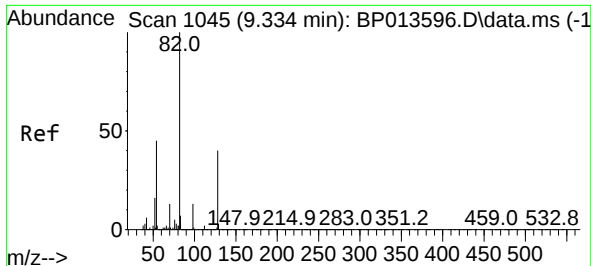


#22
Acetophenone
Concen: 49.275 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50



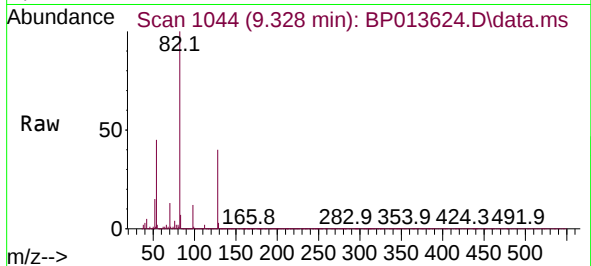
Tgt Ion:105 Resp: 1092589
Ion Ratio Lower Upper
105 100
71 1.9 2.5 3.7#
51 24.2 20.6 31.0
120 22.2 17.0 25.6





#23
Nitrobenzene-d5
Concen: 92.487 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

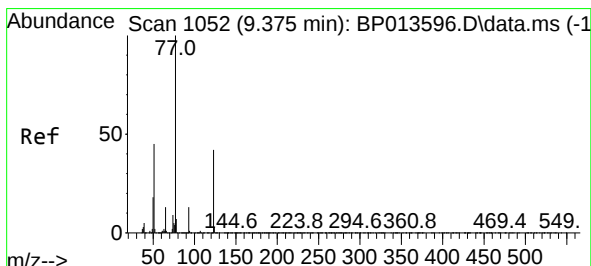
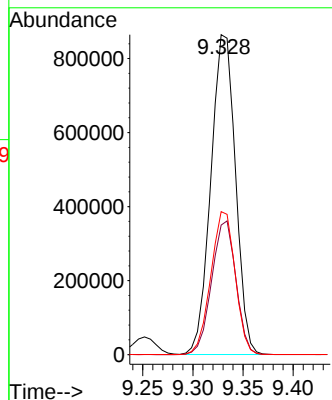
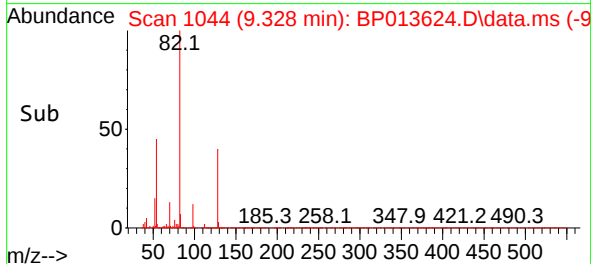
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion: 82 Resp: 1478602
Ion Ratio Lower Upper
82 100
128 40.5 31.8 47.8
54 44.7 36.2 54.2

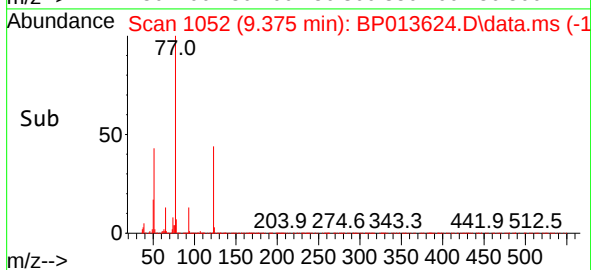
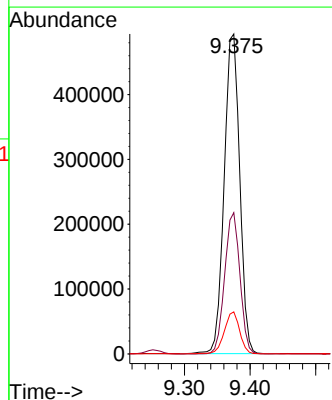
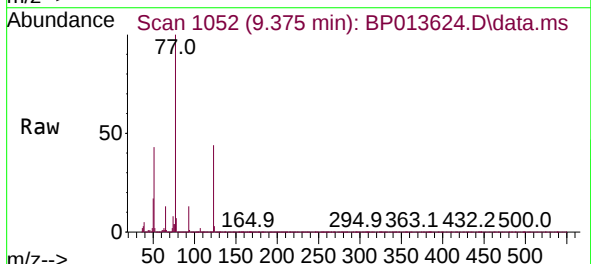
Manual Integrations
APPROVED

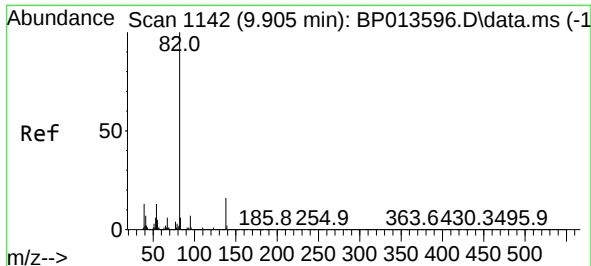
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#24
Nitrobenzene
Concen: 48.616 ng
RT: 9.375 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

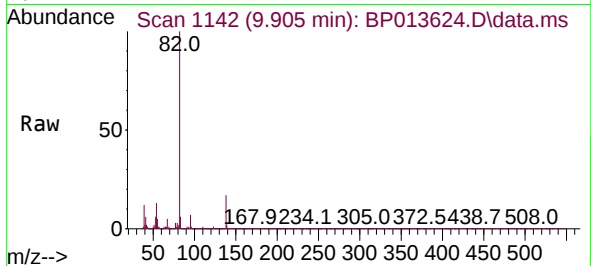
Tgt Ion: 77 Resp: 813438
Ion Ratio Lower Upper
77 100
123 44.1 33.9 50.9
65 13.1 10.2 15.4





#25
Isophorone
Concen: 43.612 ng
RT: 9.905 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

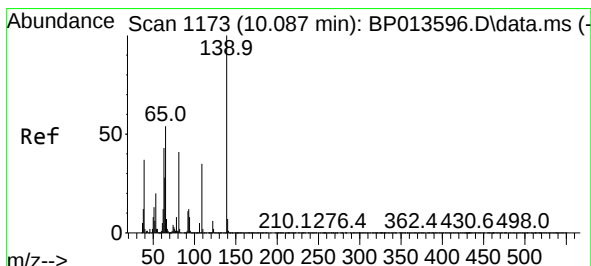
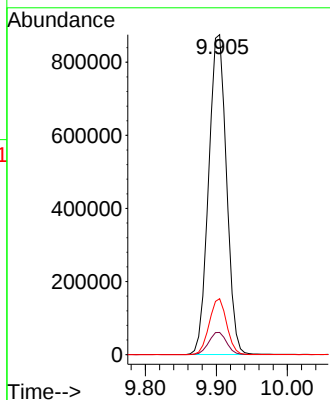
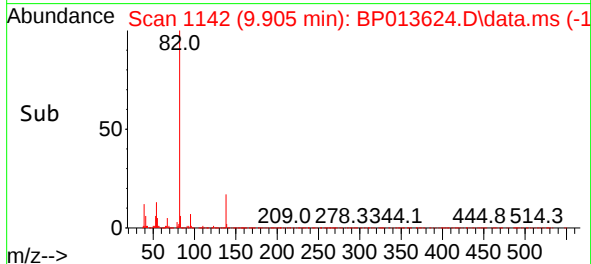
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion: 82 Resp: 1527290
Ion Ratio Lower Upper
82 100
95 6.9 5.9 8.9
138 17.5 13.0 19.6

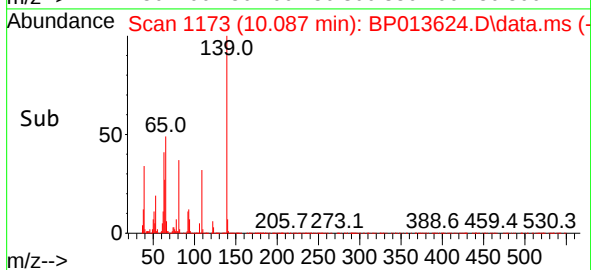
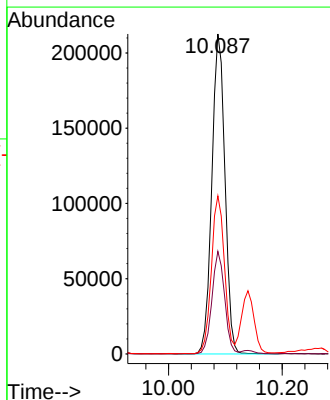
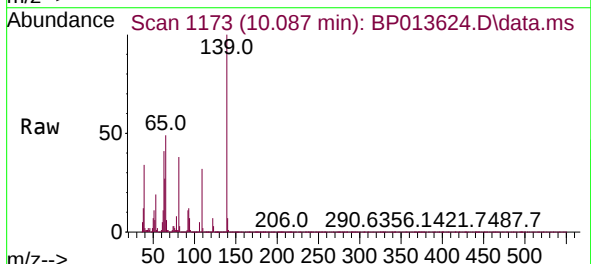
Manual Integrations
APPROVED

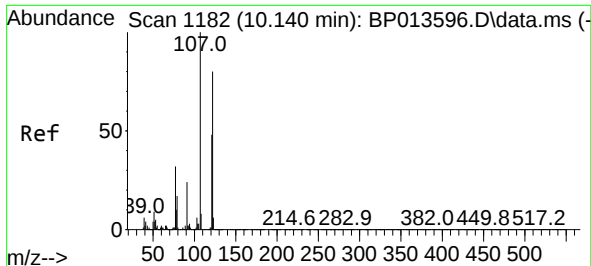
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#26
2-Nitrophenol
Concen: 47.340 ng
RT: 10.087 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

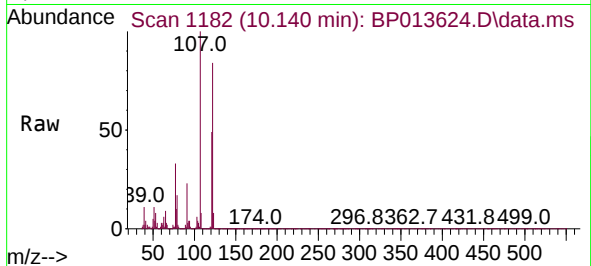
Tgt Ion:139 Resp: 340255
Ion Ratio Lower Upper
139 100
109 32.0 27.8 41.8
65 49.4 43.1 64.7





#27
2,4-Dimethylphenol
Concen: 47.598 ng
RT: 10.140 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

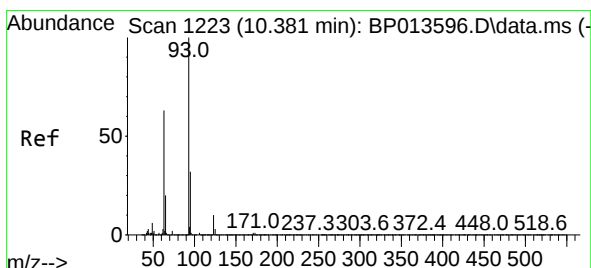
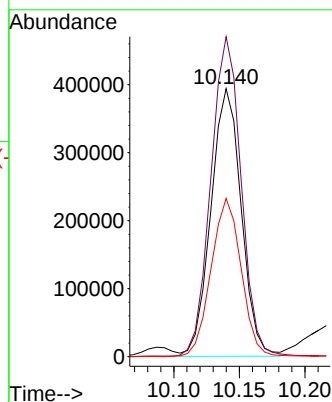
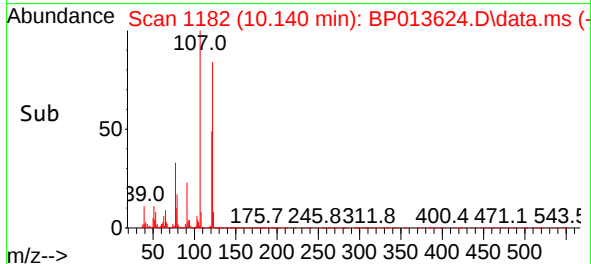
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion: 122 Resp: 633292
Ion Ratio Lower Upper
122 100
107 119.5 99.2 148.8
121 59.0 48.0 72.0

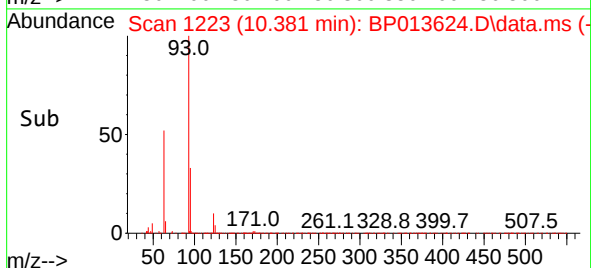
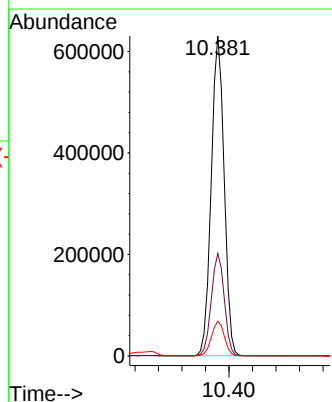
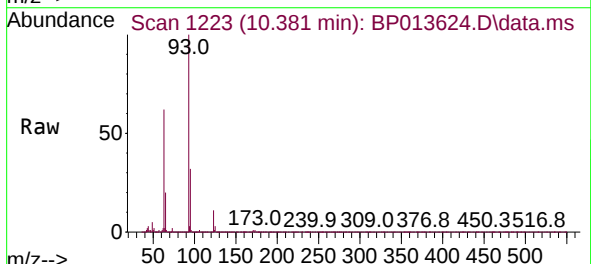
Manual Integrations
APPROVED

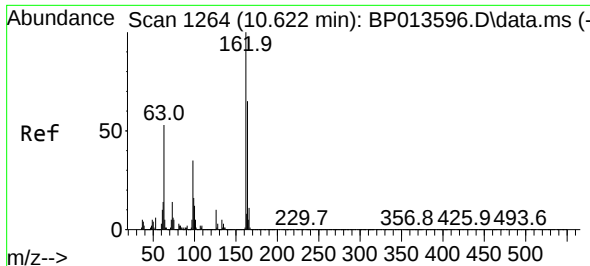
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#28
bis(2-Chloroethoxy)methane
Concen: 48.156 ng
RT: 10.381 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Tgt Ion: 93 Resp: 959499
Ion Ratio Lower Upper
93 100
95 32.0 25.5 38.3
123 10.8 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 47.414 ng

RT: 10.622 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

Instrument :

BNA_P

ClientSampleId :

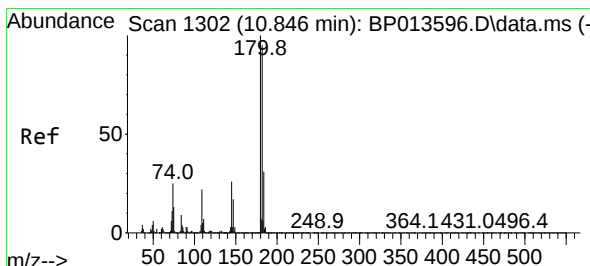
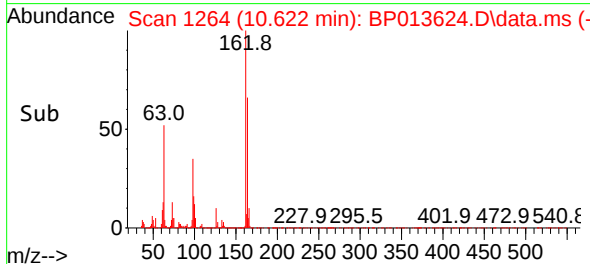
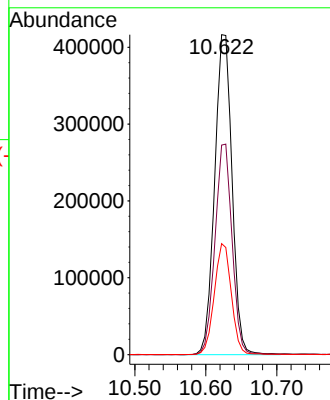
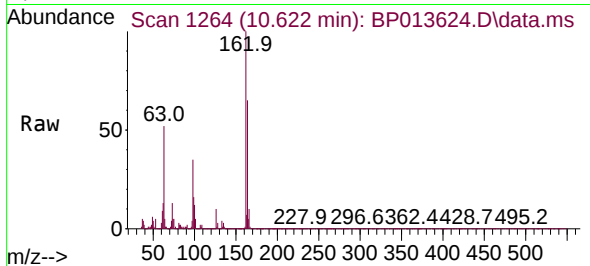
VNJ209-STOCKMSD

Tgt Ion:	162	Resp:	709924
Ion Ratio	Lower	Upper	
162	100		
164	65.5	45.3	85.3
98	34.7	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.442 ng

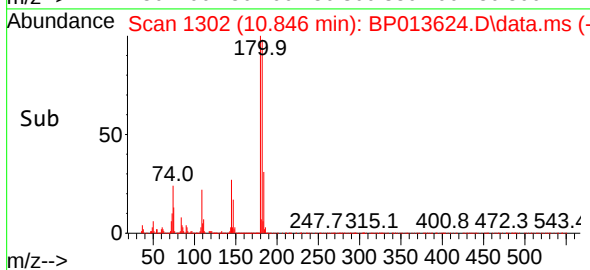
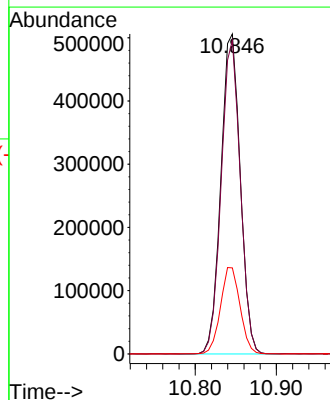
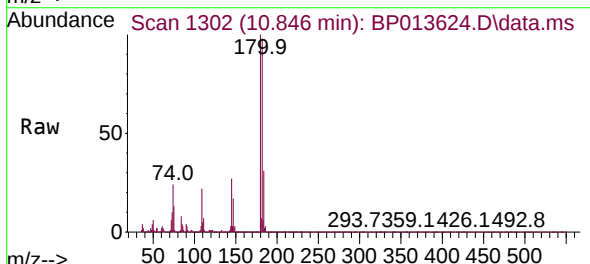
RT: 10.846 min Scan# 1302

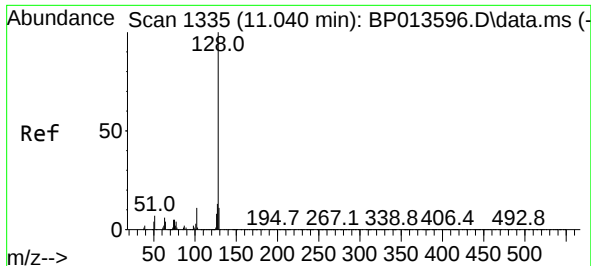
Delta R.T. -0.000 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

Tgt Ion:	180	Resp:	837358
Ion Ratio	Lower	Upper	
180	100		
182	98.0	75.9	113.9
145	26.9	21.1	31.7





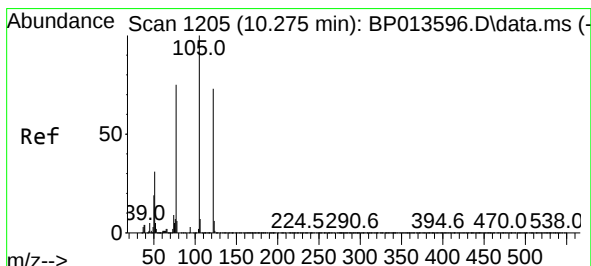
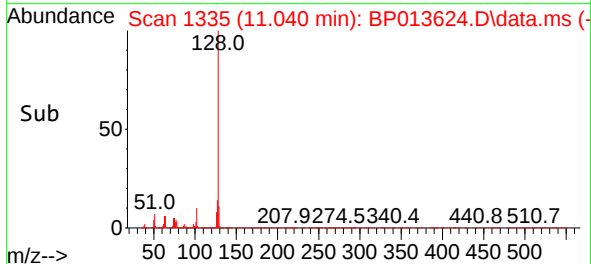
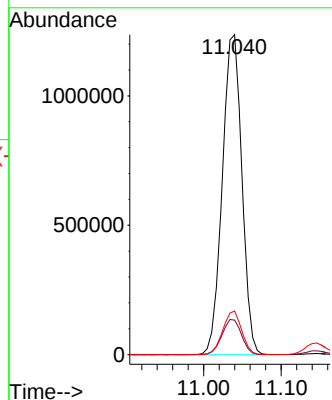
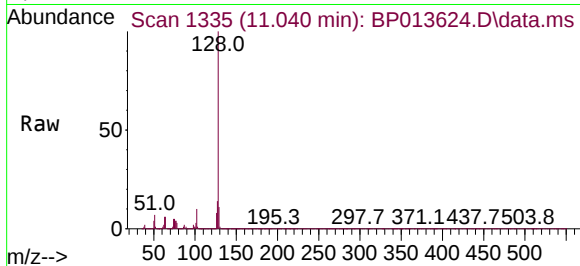
#31
Naphthalene
Concen: 48.639 ng
RT: 11.040 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:128 Resp: 217115
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.6 10.4 15.6

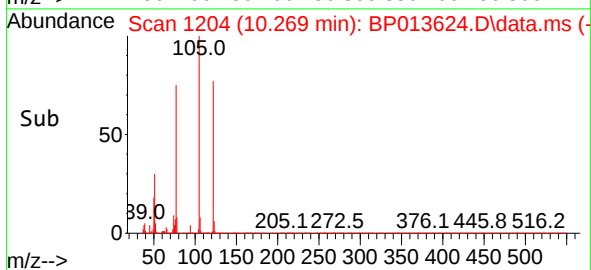
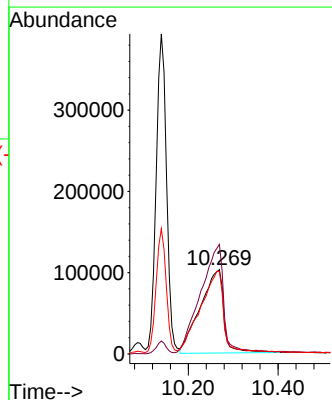
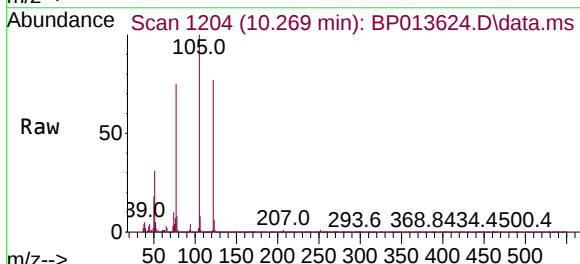
Manual Integrations
APPROVED

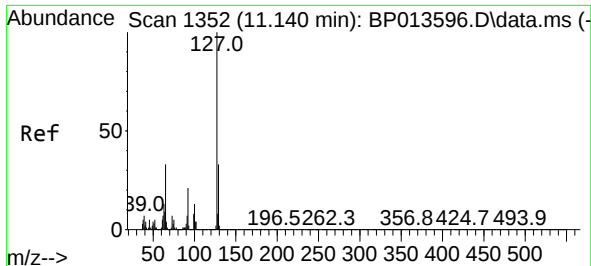
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#32
Benzoic acid
Concen: 38.750 ng
RT: 10.269 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Tgt Ion:122 Resp: 375847
Ion Ratio Lower Upper
122 100
105 130.0 110.7 150.7
77 98.0 81.1 121.1





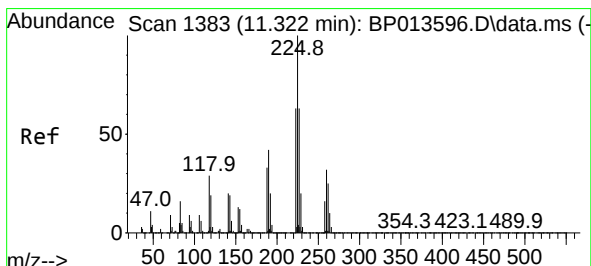
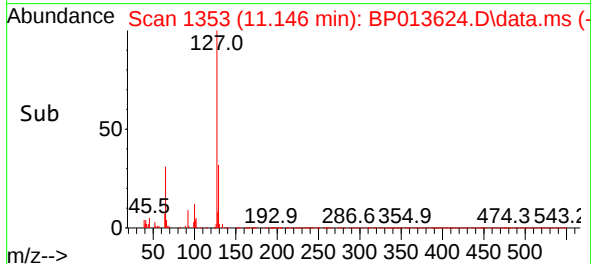
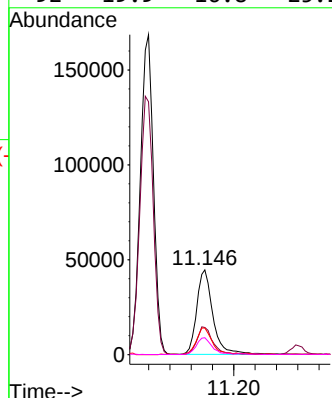
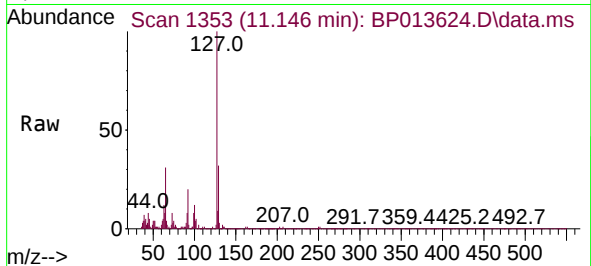
#33
4-Chloroaniline
Concen: 4.856 ng
RT: 11.146 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:	127	Resp:	94107
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.2	39.4
65	31.4	26.3	39.5
92	19.9	16.8	25.2

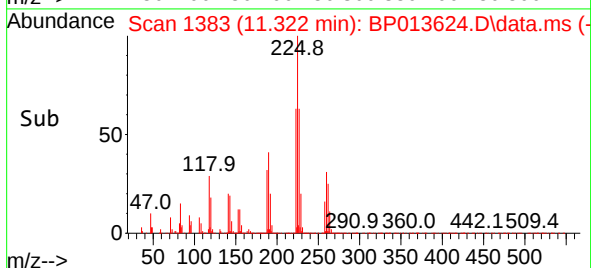
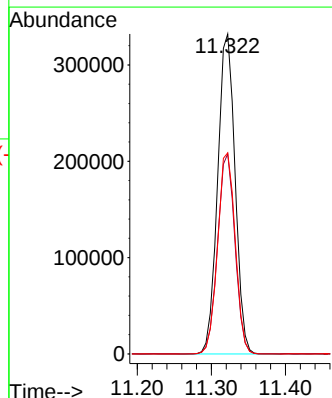
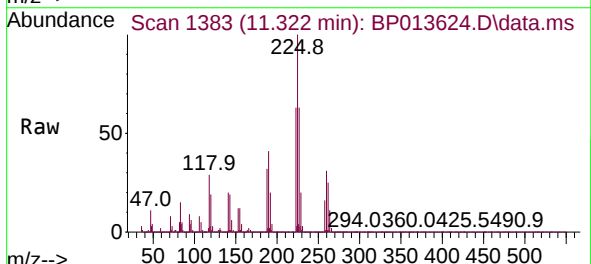
Manual Integrations
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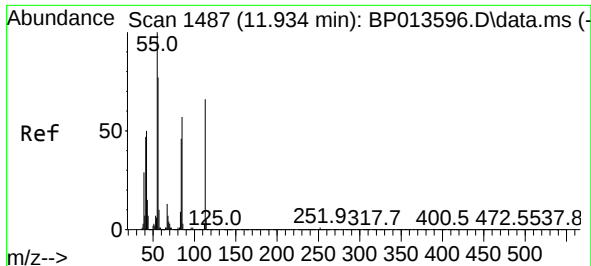
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#34
Hexachlorobutadiene
Concen: 48.483 ng
RT: 11.322 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

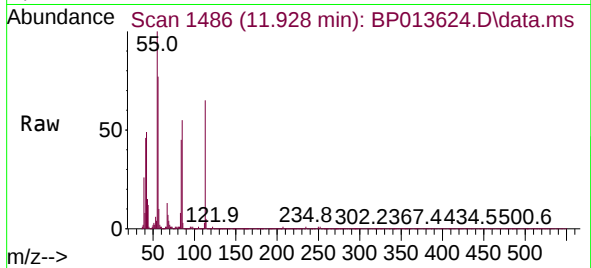
Tgt Ion:	225	Resp:	541137
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.7	76.1
227	62.8	50.5	75.7





#35
Caprolactam
Concen: 34.060 ng
RT: 11.928 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

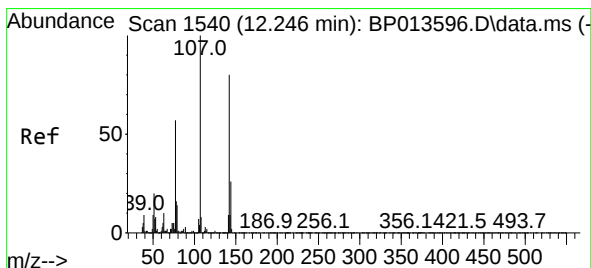
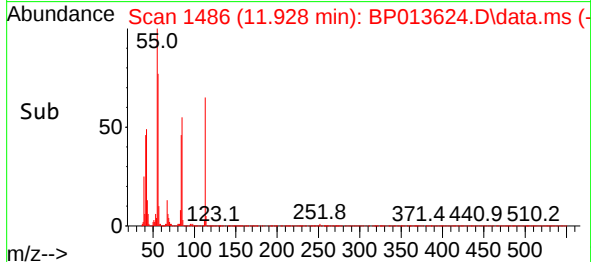
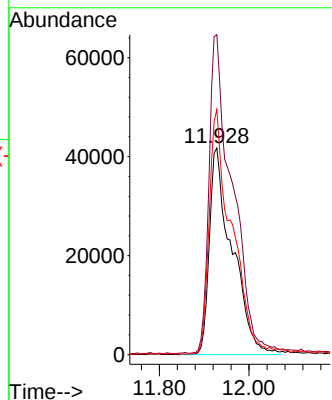
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:113 Resp: 146224
Ion Ratio Lower Upper
113 100
55 154.8 131.6 171.6
56 118.5 97.2 137.2

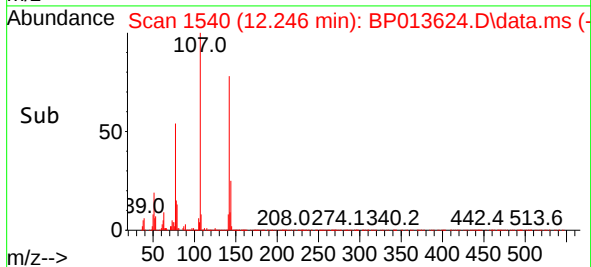
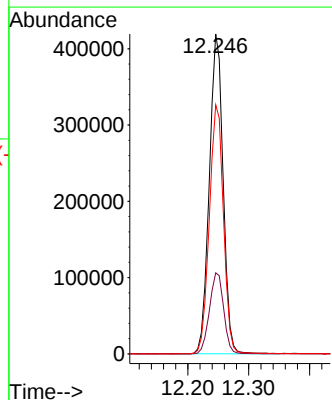
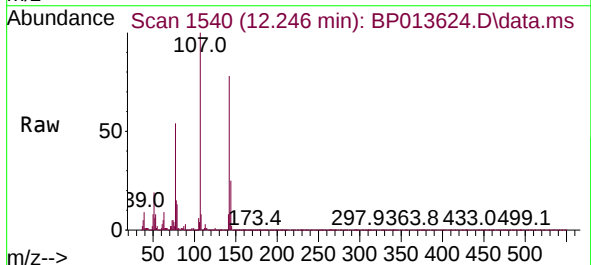
Manual Integrations
APPROVED

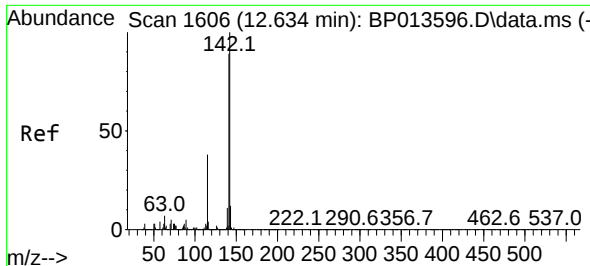
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#36
4-Chloro-3-methylphenol
Concen: 41.650 ng
RT: 12.246 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

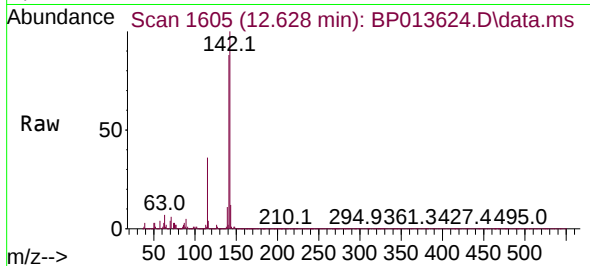
Tgt Ion:107 Resp: 661103
Ion Ratio Lower Upper
107 100
144 25.3 20.9 31.3
142 77.8 64.2 96.4





#37
2-Methylnaphthalene
Concen: 43.718 ng
RT: 12.628 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

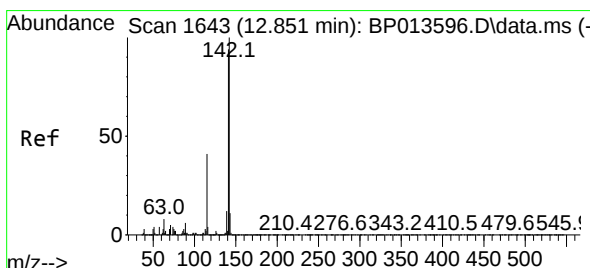
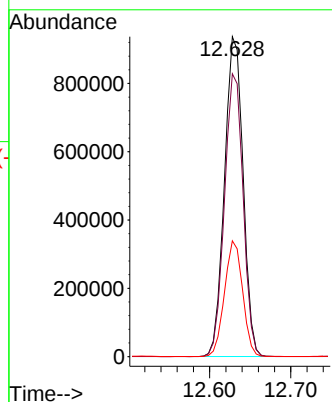
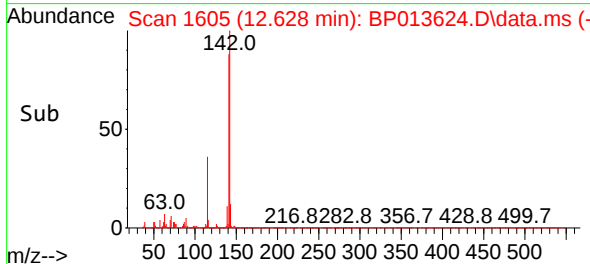
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



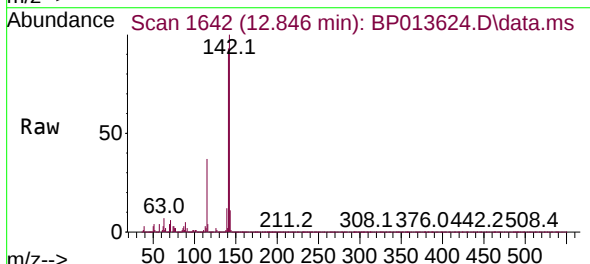
Tgt Ion:142 Resp: 1491459
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2
115 36.2 30.6 46.0

Manual Integrations
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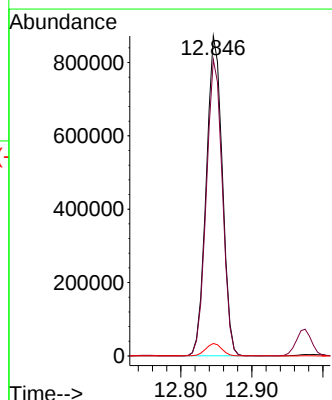
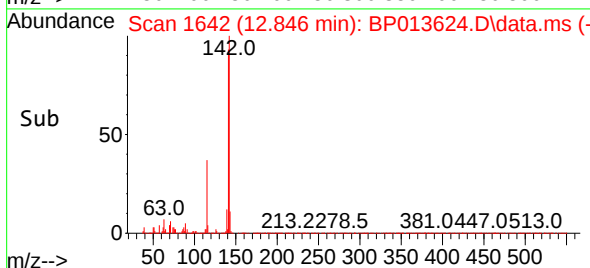
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

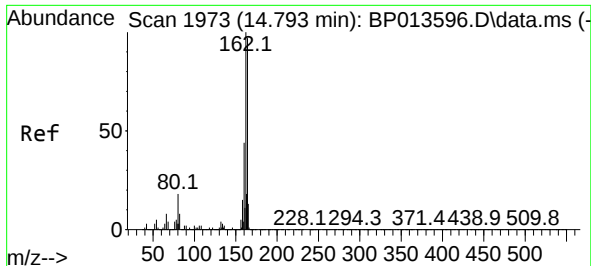


#38
1-Methylnaphthalene
Concen: 42.764 ng
RT: 12.846 min Scan# 1642
Delta R.T. -0.005 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50



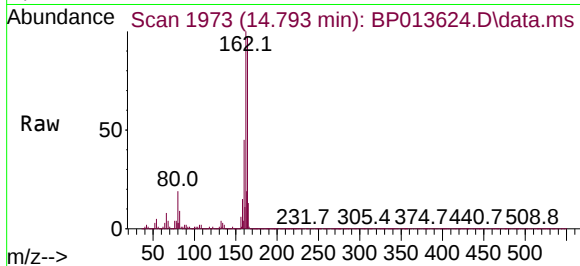
Tgt Ion:142 Resp: 1365459
Ion Ratio Lower Upper
142 100
141 92.6 75.5 113.3
116 3.9 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.793 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

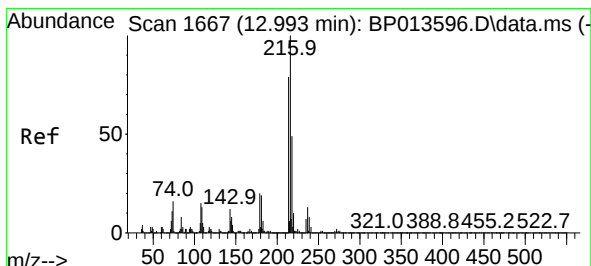
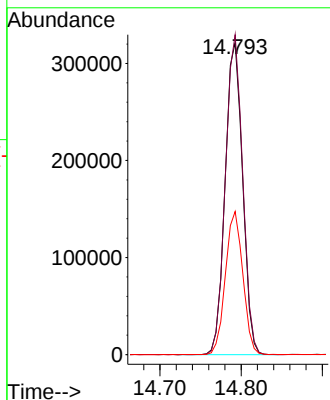
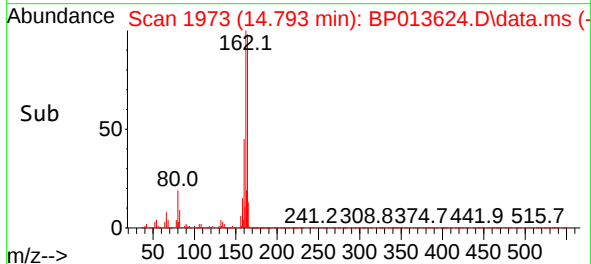
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



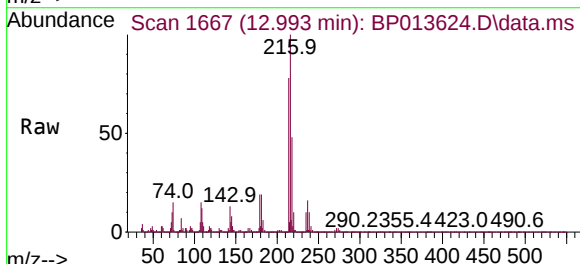
Tgt Ion:164 Resp: 479120
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 45.9 36.6 54.8

Manual Integrations
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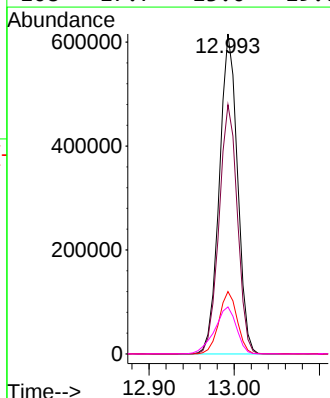
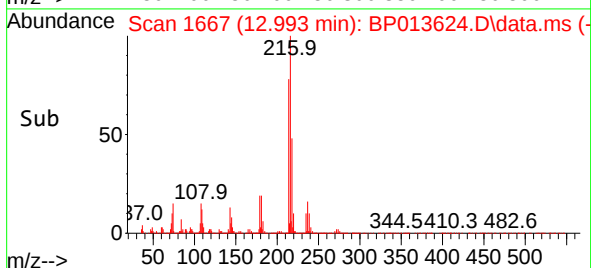
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

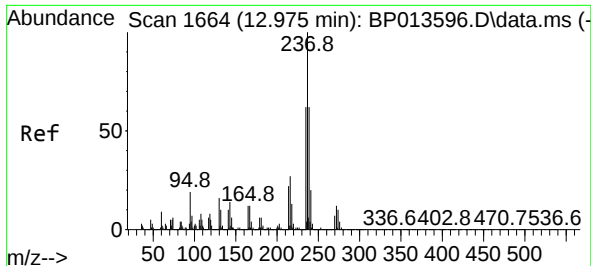


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.577 ng
RT: 12.993 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50



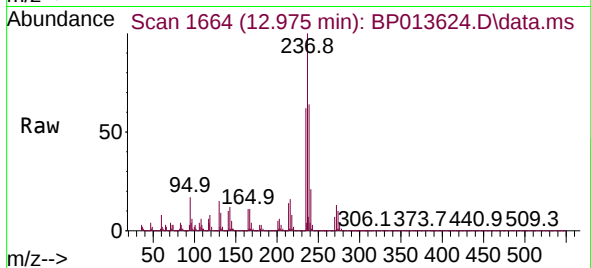
Tgt Ion:216 Resp: 911000
Ion Ratio Lower Upper
216 100
214 78.6 62.4 93.6
179 19.4 15.4 23.0
108 17.7 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 117.698 ng
RT: 12.975 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

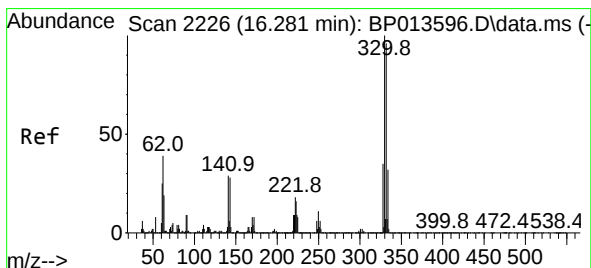
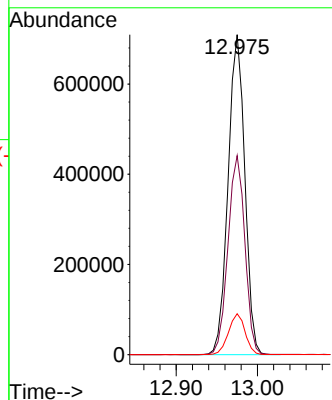
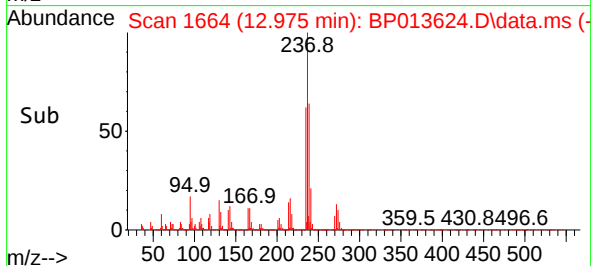
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



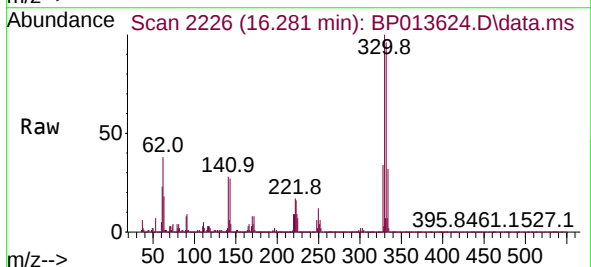
Tgt Ion: 237 Resp: 101502
Ion Ratio Lower Upper
237 100
235 62.2 41.9 81.9
272 12.8 0.0 32.4

Manual Integrations
APPROVED

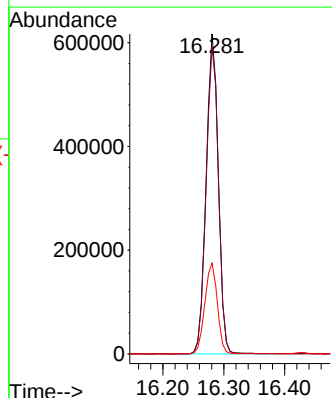
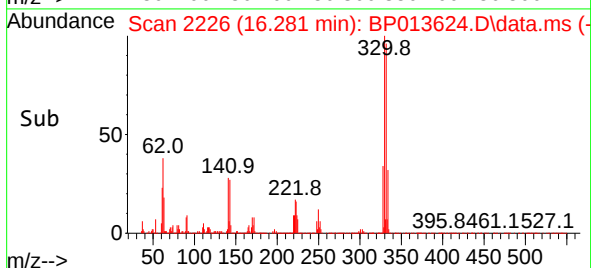
Reviewed By : Christian Giraldo 01/30/2023
Supervised By : Jagrut Upadhyay 01/30/2023

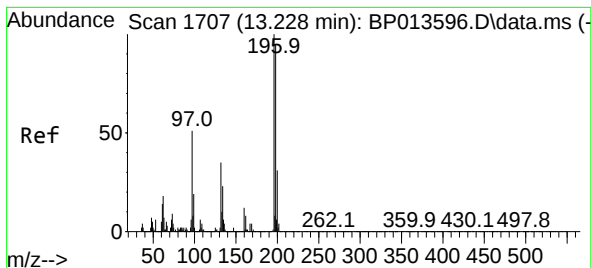


#42
2,4,6-Tribromophenol
Concen: 117.374 ng
RT: 16.281 min Scan# 2226
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50



Tgt Ion: 330 Resp: 856193
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 29.1 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 50.390 ng

RT: 13.228 min Scan# 1707

Delta R.T. -0.000 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

Instrument :

BNA_P

ClientSampleId :

VNJ209-STOCKMSD

Tgt Ion:196 Resp: 562799

Ion Ratio Lower Upper

196 100

198 97.3 76.2 114.4

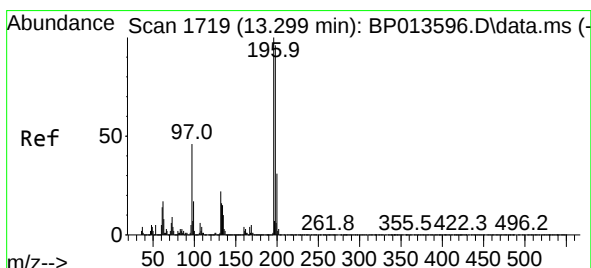
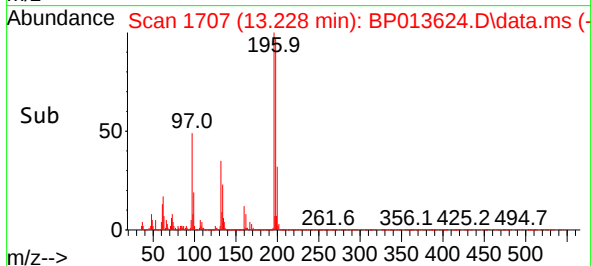
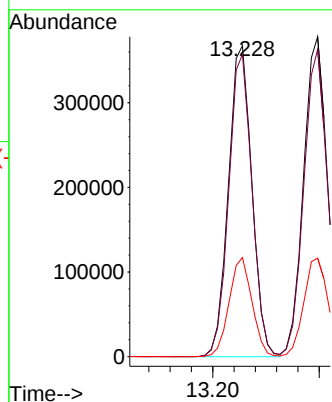
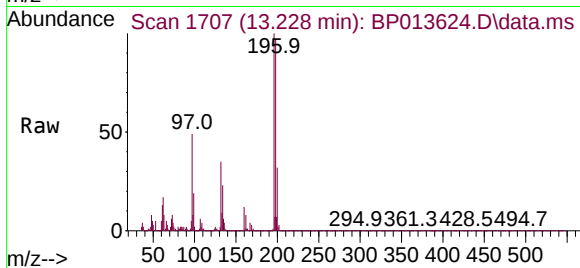
200 31.9 24.8 37.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#44

2,4,5-Trichlorophenol

Concen: 45.475 ng

RT: 13.298 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

Tgt Ion:196 Resp: 593972

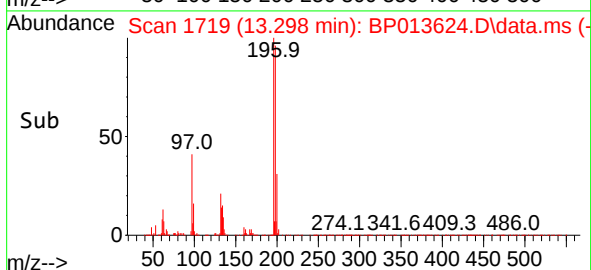
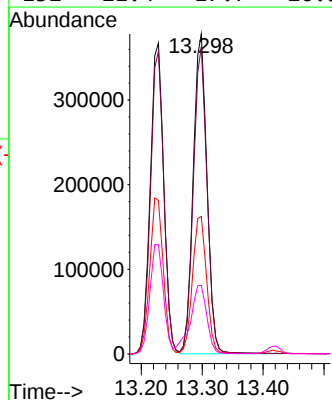
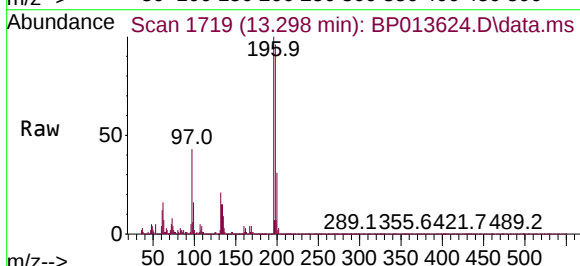
Ion Ratio Lower Upper

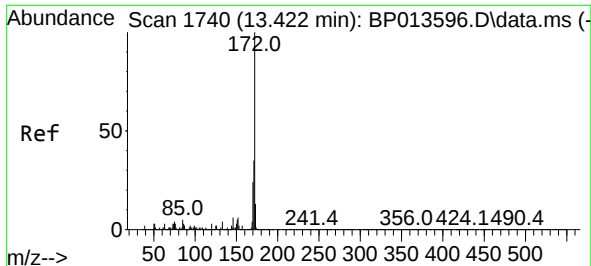
196 100

198 96.0 76.9 115.3

97 42.9 36.8 55.2

132 21.4 17.7 26.5





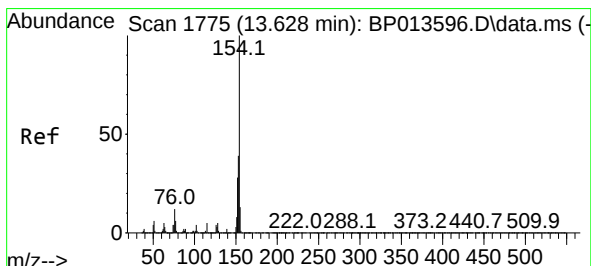
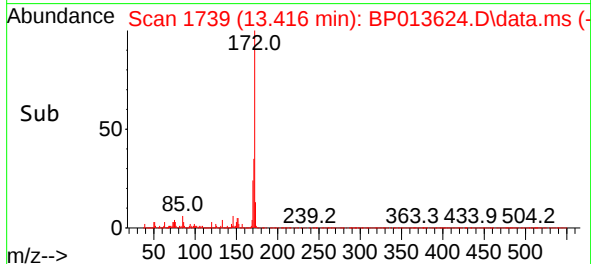
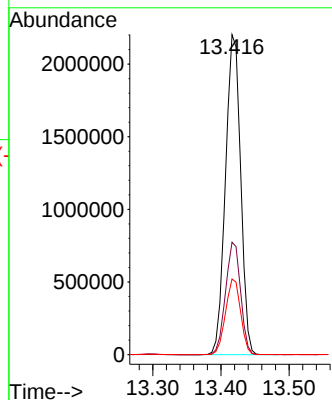
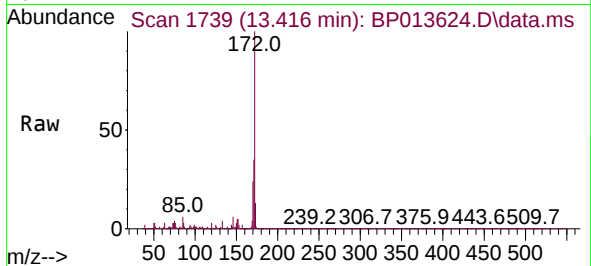
#45
2-Fluorobiphenyl
Concen: 100.952 ng
RT: 13.416 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:172 Resp: 338662
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.6 19.1 28.7

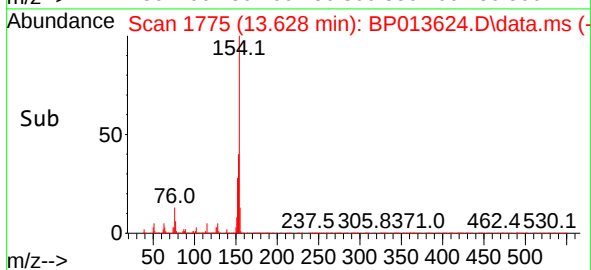
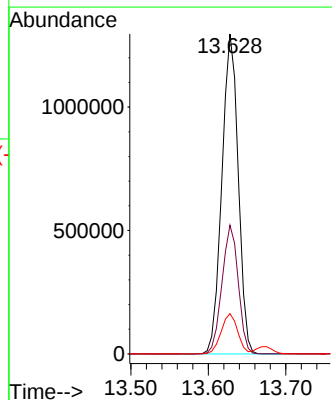
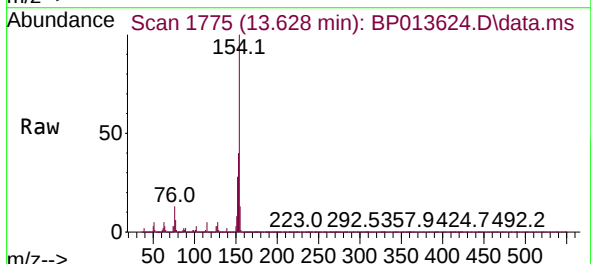
Manual Integrations
APPROVED

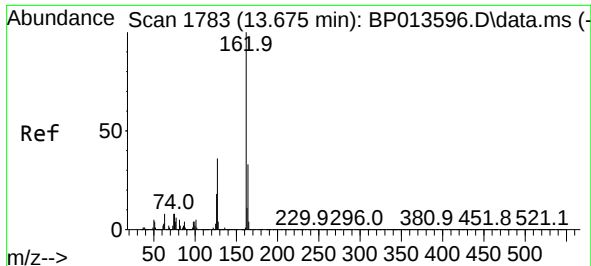
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#46
1,1'-Biphenyl
Concen: 53.183 ng
RT: 13.628 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

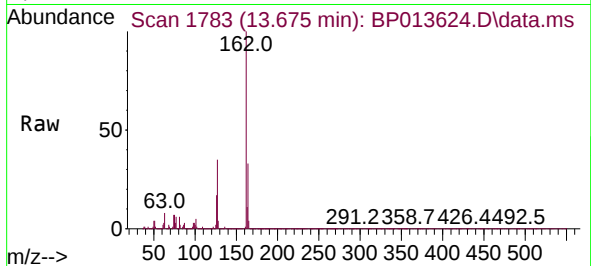
Tgt Ion:154 Resp: 1898787
Ion Ratio Lower Upper
154 100
153 40.2 18.9 58.9
76 12.6 0.0 32.1





#47
2-Chloronaphthalene
Concen: 54.160 ng
RT: 13.675 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

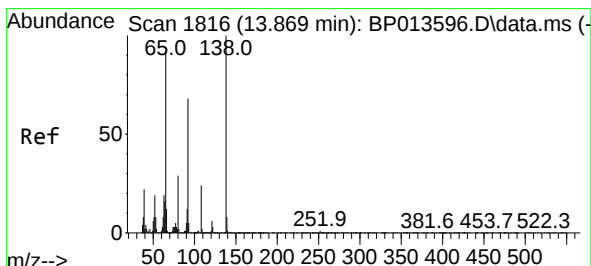
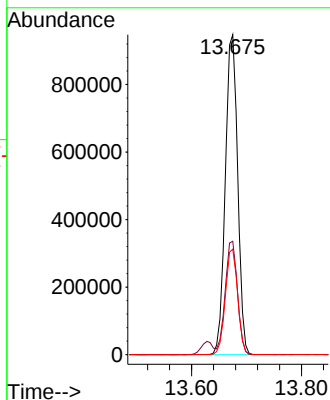
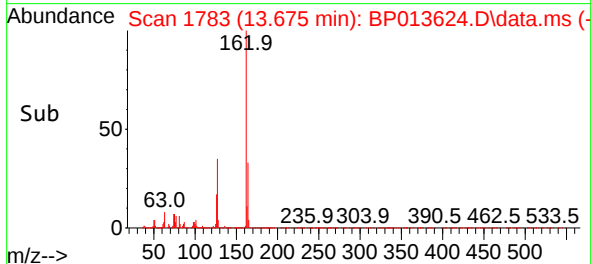
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



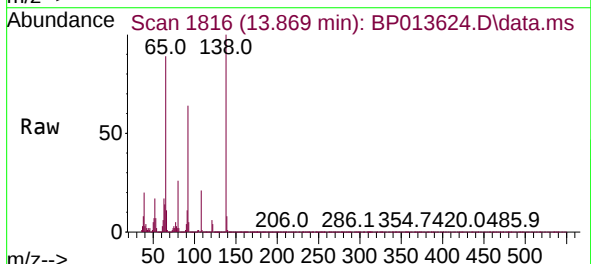
Tgt Ion: 162 Resp: 1475674
Ion Ratio Lower Upper
162 100
127 35.4 29.0 43.6
164 33.0 26.3 39.5

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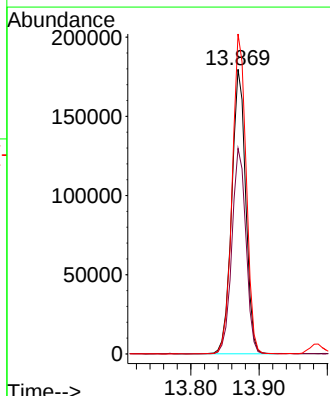
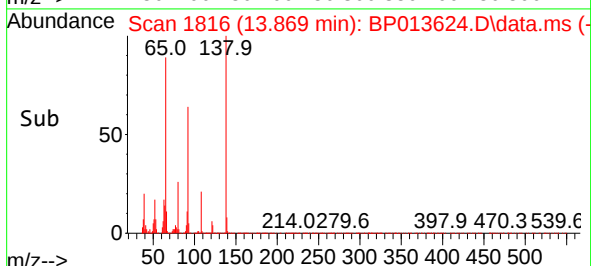
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

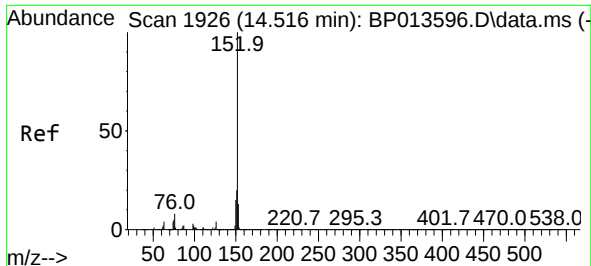


#48
2-Nitroaniline
Concen: 39.805 ng
RT: 13.869 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50



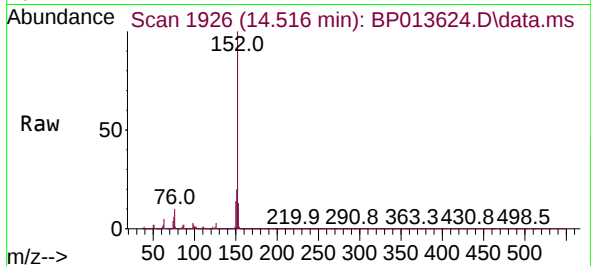
Tgt Ion: 65 Resp: 255426
Ion Ratio Lower Upper
65 100
92 72.2 59.5 89.3
138 112.5 87.1 130.7





#49
Acenaphthylene
Concen: 49.423 ng
RT: 14.516 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

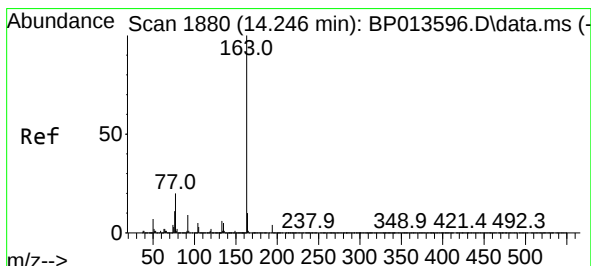
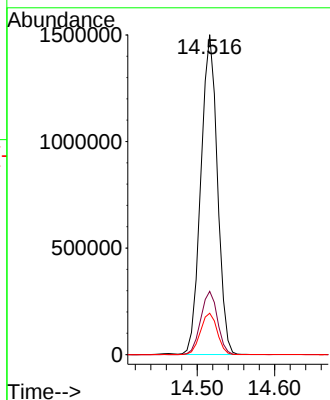
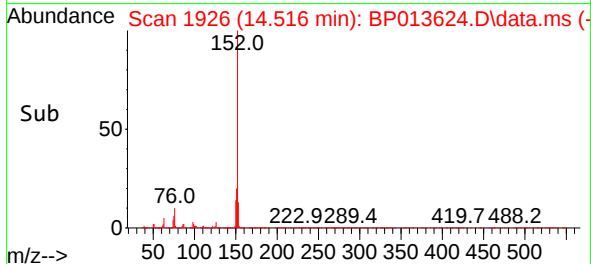
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:152 Resp: 2221150
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 12.9 10.6 16.0

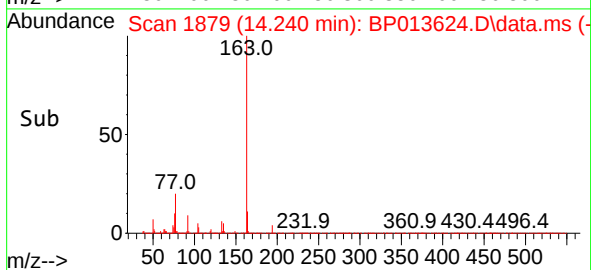
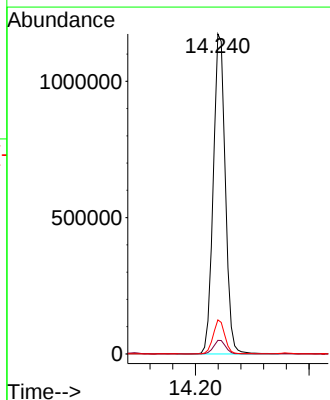
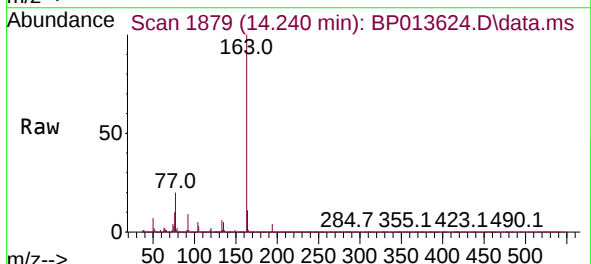
Manual Integrations
APPROVED

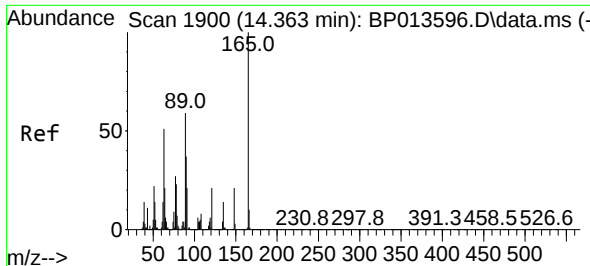
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#50
Dimethylphthalate
Concen: 46.353 ng
RT: 14.240 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

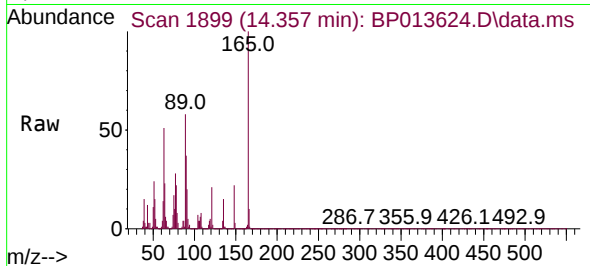
Tgt Ion:163 Resp: 1725064
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.6 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 42.122 ng
RT: 14.357 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

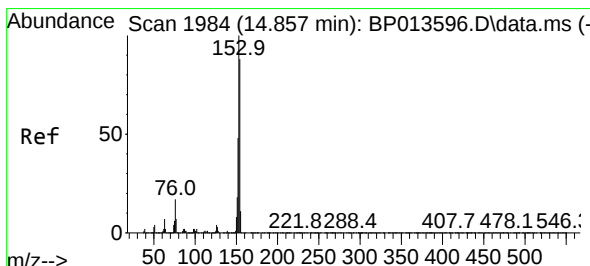
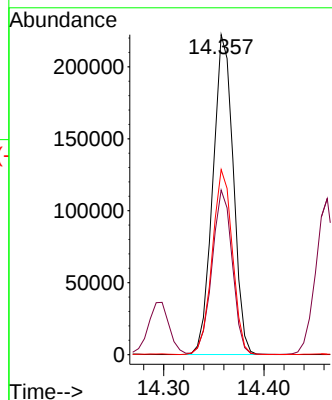
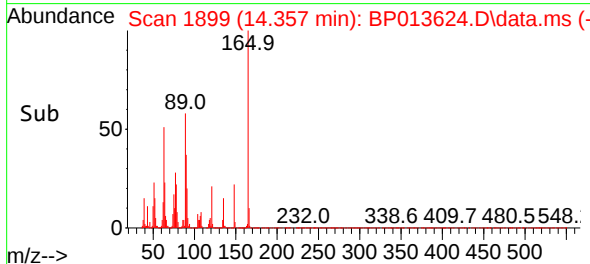
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



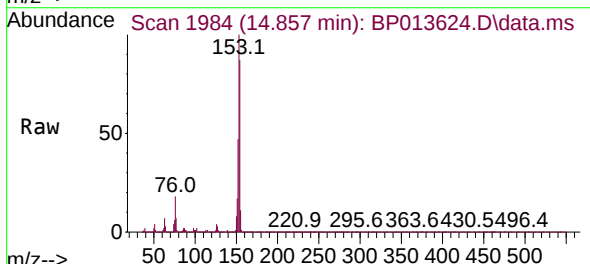
Tgt Ion:165 Resp: 315049
Ion Ratio Lower Upper
165 100
63 51.4 42.4 63.6
89 57.8 47.0 70.4

Manual Integrations
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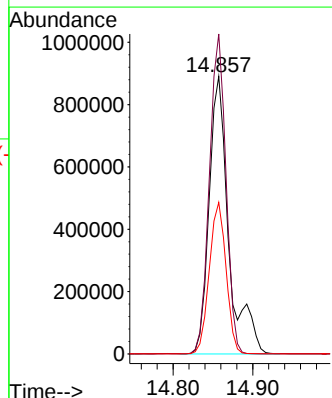
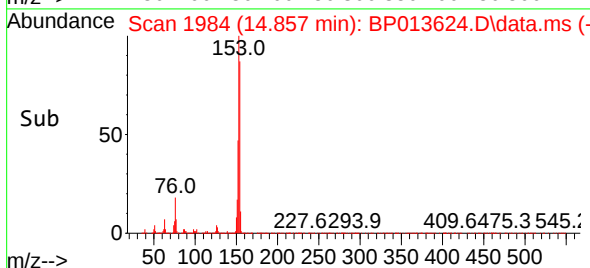
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

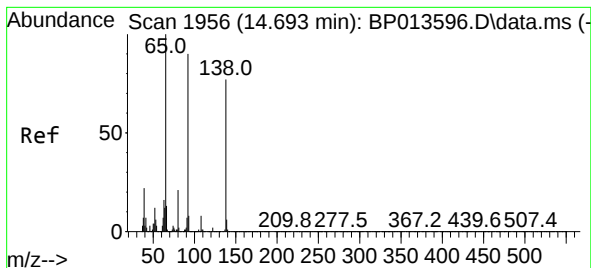


#52
Acenaphthene
Concen: 52.942 ng m
RT: 14.857 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50



Tgt Ion:154 Resp: 1522785
Ion Ratio Lower Upper
154 100
153 115.3 91.0 136.6
152 54.6 44.0 66.0





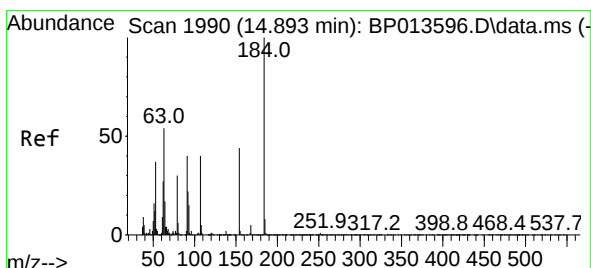
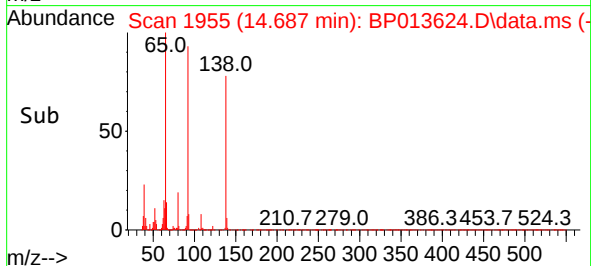
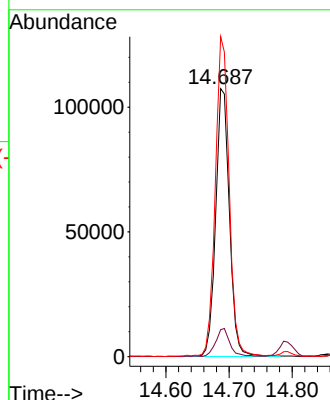
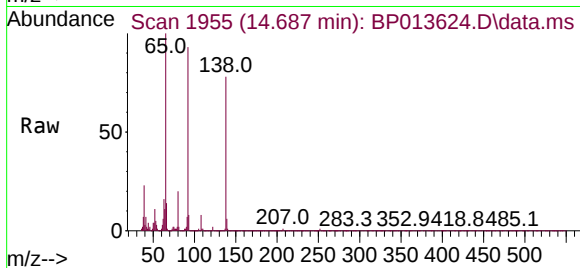
#53
3-Nitroaniline
Concen: 23.519 ng
RT: 14.687 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:138 Resp: 162437
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 119.5 93.7 140.5

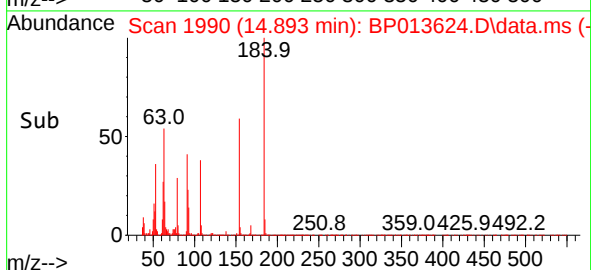
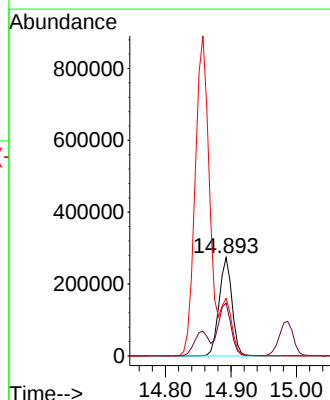
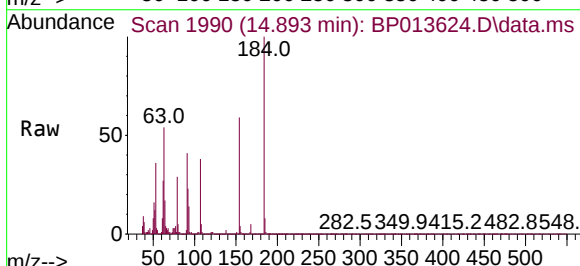
Manual Integrations
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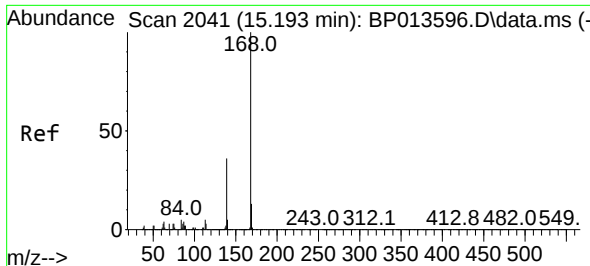
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#54
2,4-Dinitrophenol
Concen: 81.960 ng
RT: 14.893 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

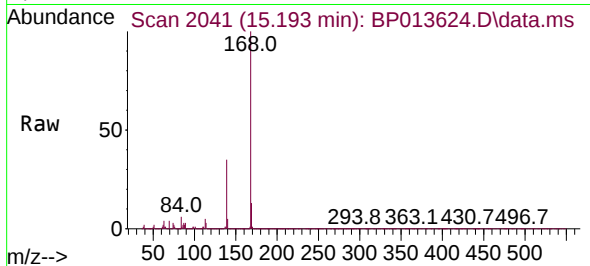
Tgt Ion:184 Resp: 374801
Ion Ratio Lower Upper
184 100
63 53.7 44.4 66.6
154 58.5 49.0 73.6





#55
Dibenzofuran
Concen: 47.336 ng
RT: 15.193 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

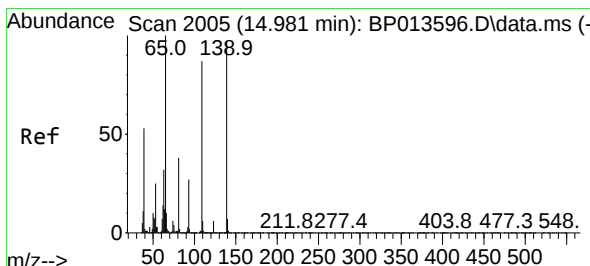
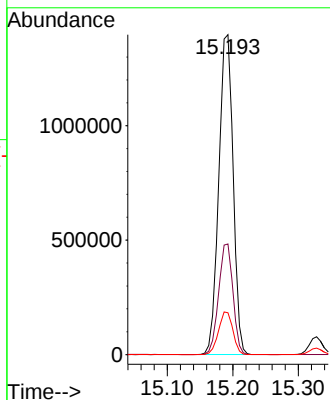
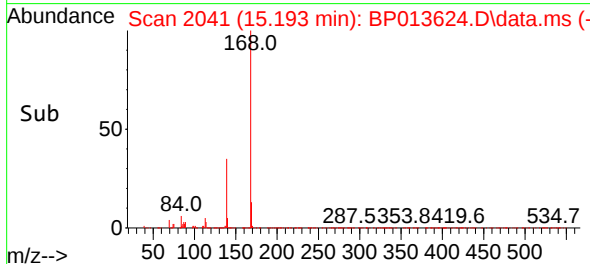
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



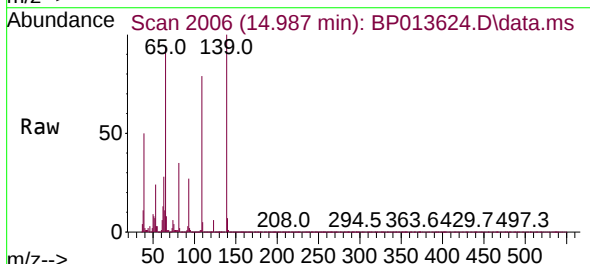
Tgt Ion:168 Resp: 2132434
Ion Ratio Lower Upper
168 100
139 34.6 29.0 43.4
169 13.1 10.6 15.8

Manual Integrations
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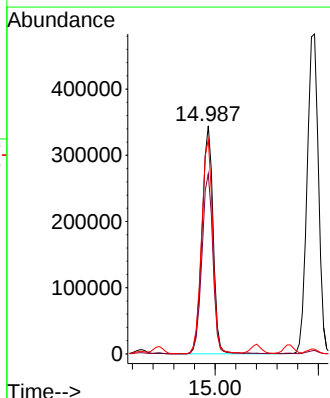
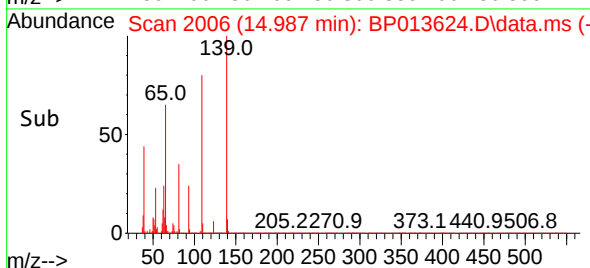
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

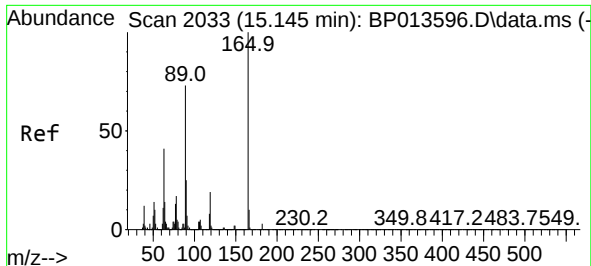


#56
4-Nitrophenol
Concen: 84.178 ng
RT: 14.987 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50



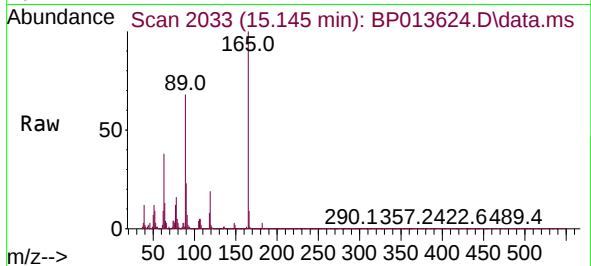
Tgt Ion:139 Resp: 510657
Ion Ratio Lower Upper
139 100
109 79.0 69.5 109.5
65 93.9 83.1 123.1





#57
2,4-Dinitrotoluene
Concen: 40.853 ng
RT: 15.145 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

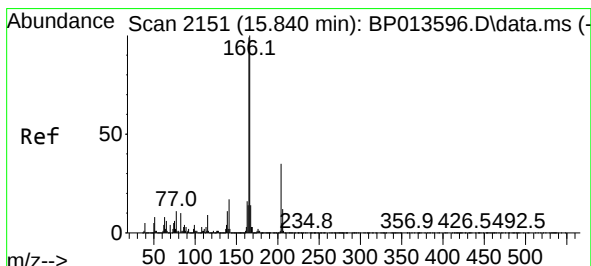
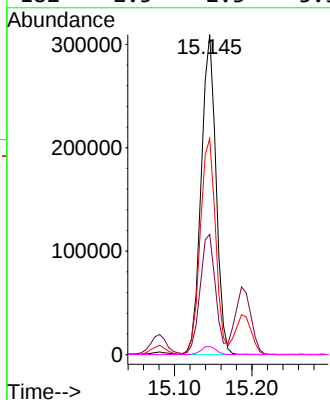
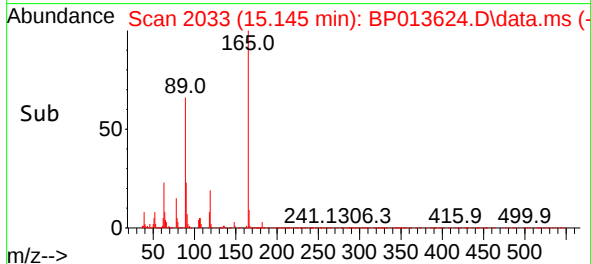
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:165 Resp: 409281
Ion Ratio Lower Upper
165 100
63 37.6 32.6 49.0
89 67.5 58.4 87.6
182 2.5 2.3 3.5

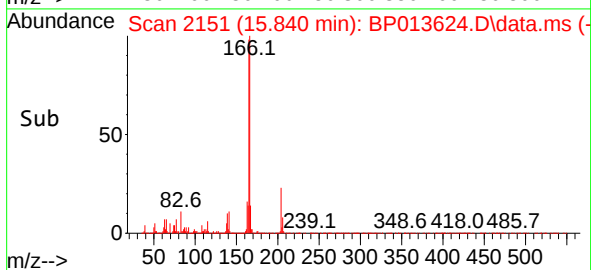
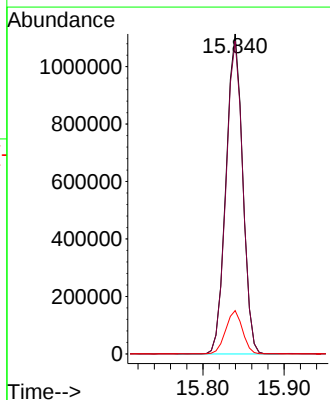
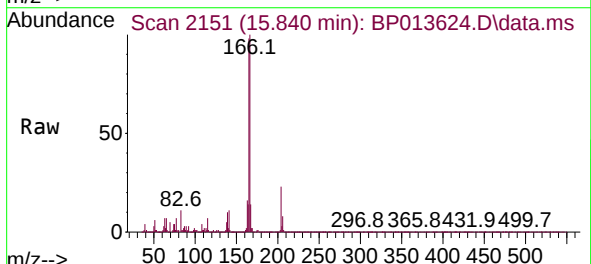
Manual Integrations
APPROVED

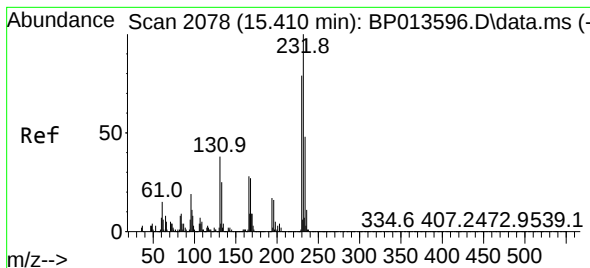
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#58
Fluorene
Concen: 46.044 ng
RT: 15.840 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

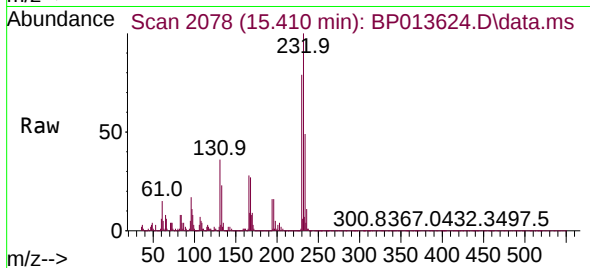
Tgt Ion:166 Resp: 1586153
Ion Ratio Lower Upper
166 100
165 97.8 79.4 119.0
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.006 ng
RT: 15.410 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

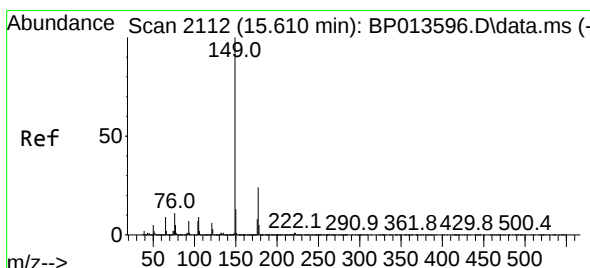
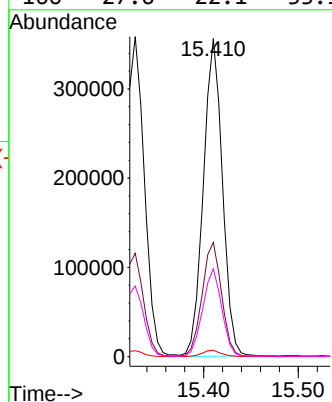
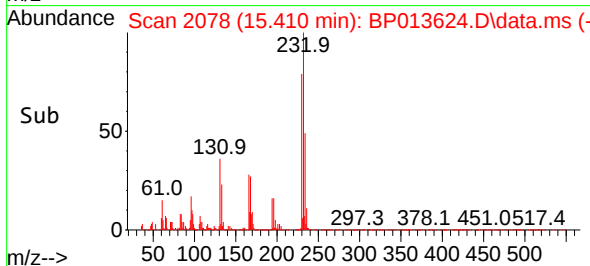
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:232 Resp: 497939
Ion Ratio Lower Upper
232 100
131 36.6 29.4 44.2
130 2.0 1.6 2.4
166 27.6 22.1 33.1

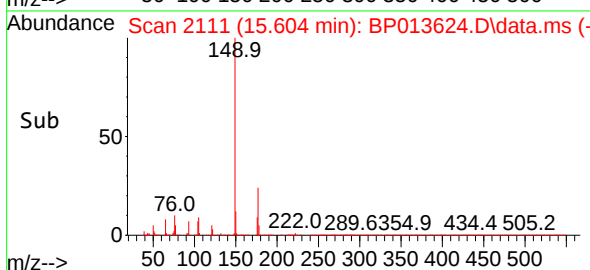
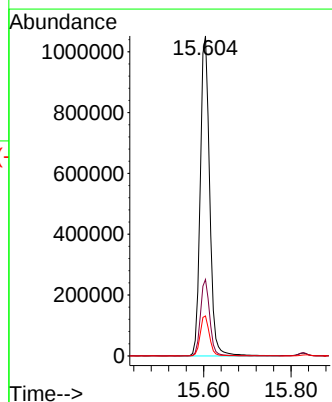
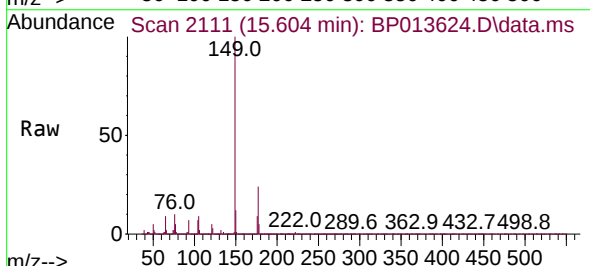
Manual Integrations
APPROVED

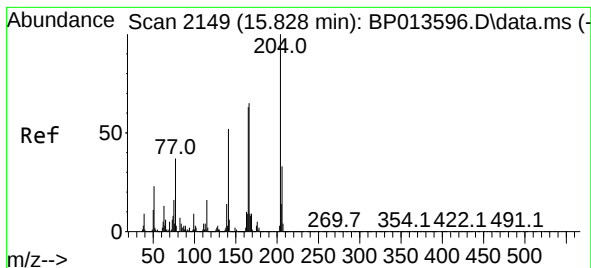
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#60
Diethylphthalate
Concen: 45.876 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Tgt Ion:149 Resp: 1559151
Ion Ratio Lower Upper
149 100
177 23.9 19.0 28.6
150 12.5 10.0 15.0





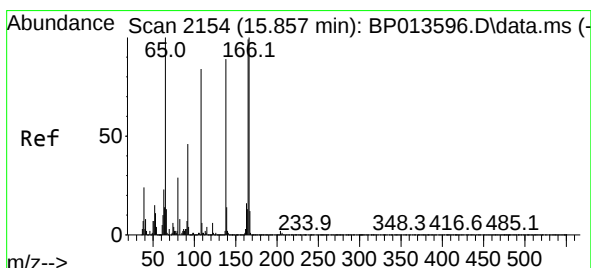
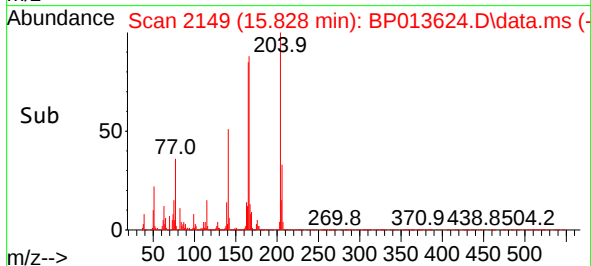
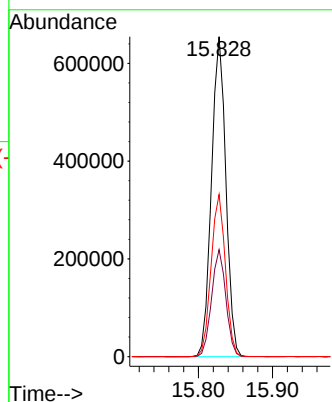
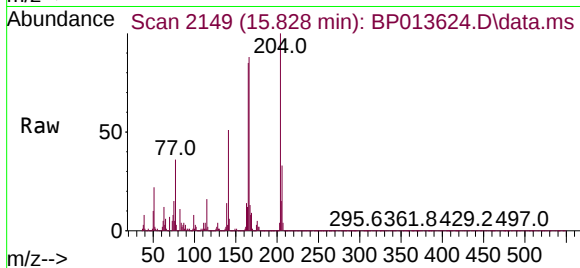
#61
4-Chlorophenyl-phenylether
Concen: 45.326 ng
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:204 Resp: 881721
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 50.7 41.7 62.5

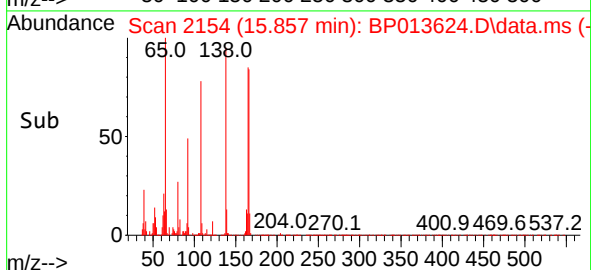
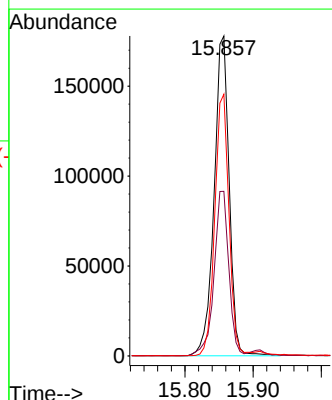
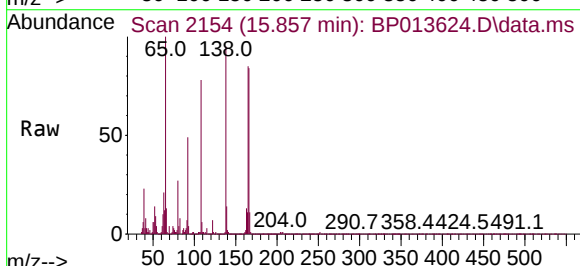
Manual Integrations
APPROVED

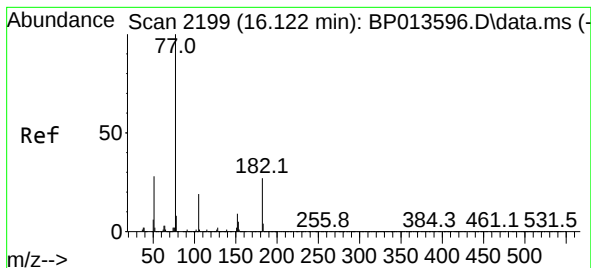
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#62
4-Nitroaniline
Concen: 41.085 ng
RT: 15.857 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

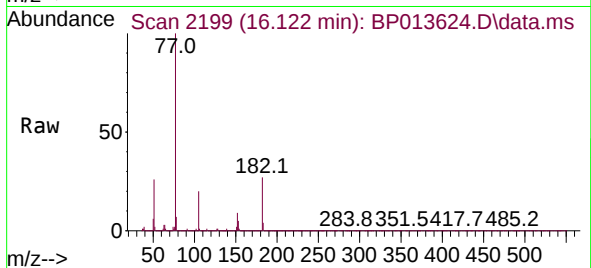
Tgt Ion:138 Resp: 273026
Ion Ratio Lower Upper
138 100
92 51.4 31.9 71.9
108 81.8 73.7 113.7





#63
Azobenzene
Concen: 44.407 ng
RT: 16.122 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

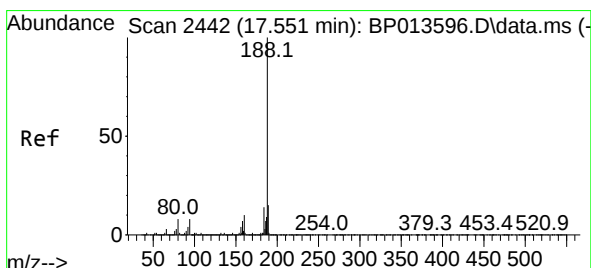
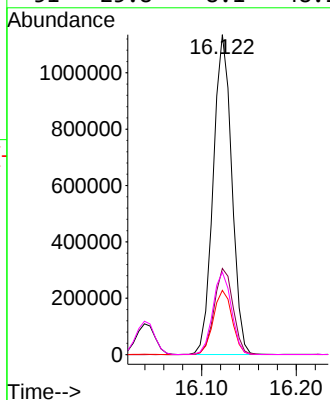
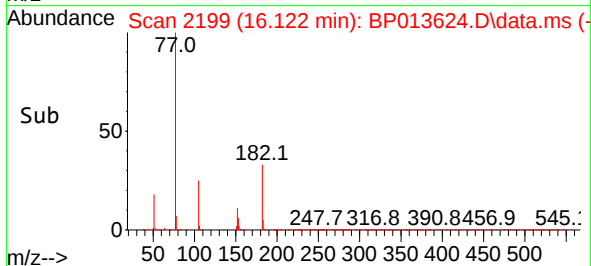
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion: 77 Resp: 1537788
Ion Ratio Lower Upper
77 100
182 26.9 7.0 47.0
105 20.1 0.0 39.2
51 25.8 8.1 48.1

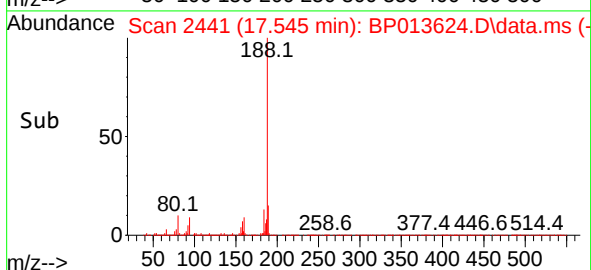
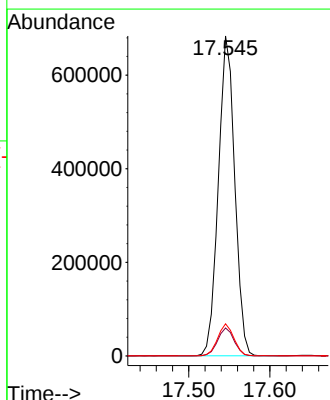
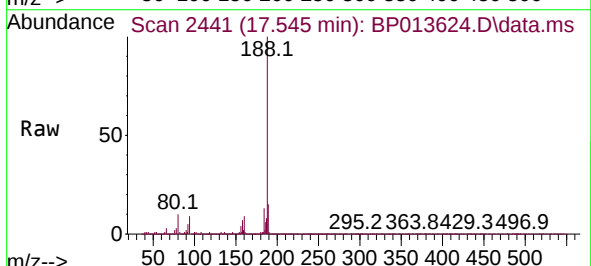
Manual Integrations
APPROVED

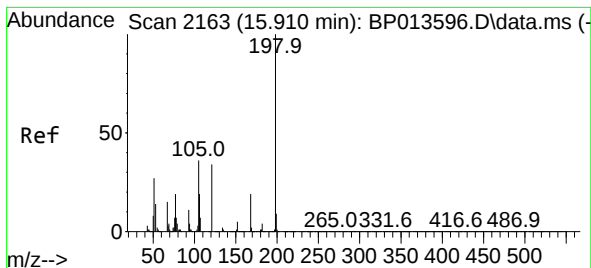
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

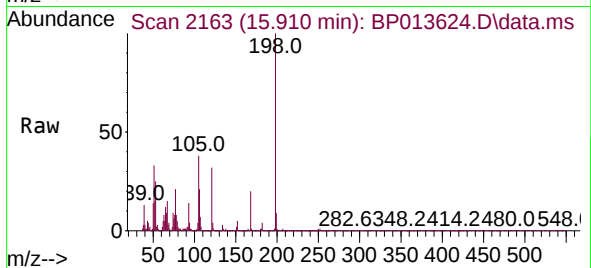
Tgt Ion:188 Resp: 958088
Ion Ratio Lower Upper
188 100
94 8.7 6.1 9.1
80 10.0 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 41.772 ng
RT: 15.910 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

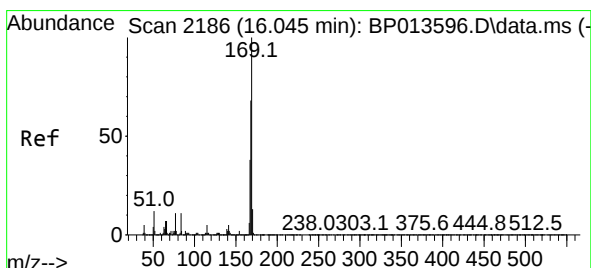
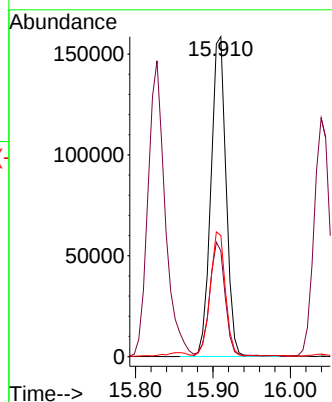
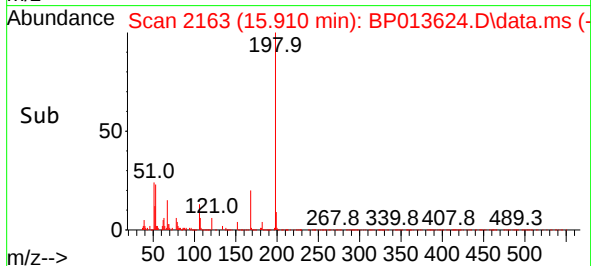
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:198 Resp: 215194
Ion Ratio Lower Upper
198 100
51 33.1 15.0 55.0
105 37.9 17.7 57.7

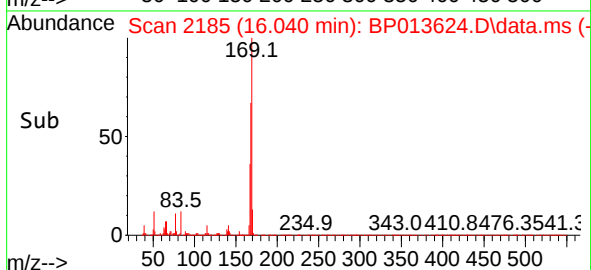
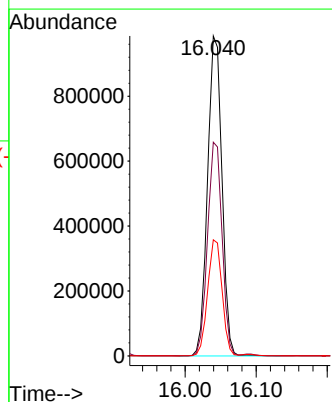
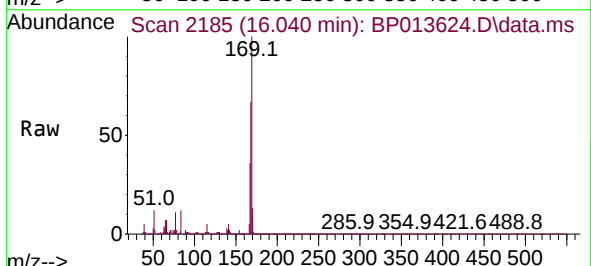
Manual Integrations
APPROVED

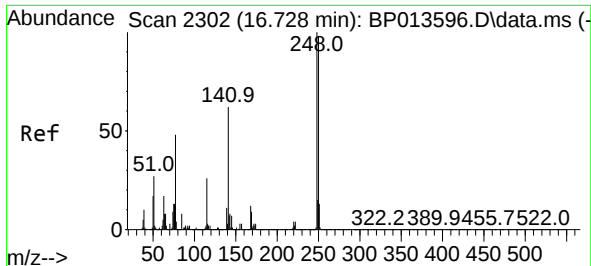
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#66
n-Nitrosodiphenylamine
Concen: 52.276 ng
RT: 16.040 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

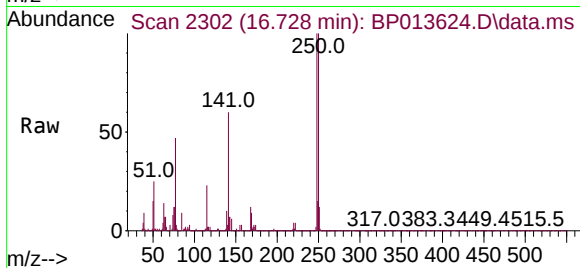
Tgt Ion:169 Resp: 1379939
Ion Ratio Lower Upper
169 100
168 66.8 54.5 81.7
167 36.3 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 49.744 ng
RT: 16.728 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

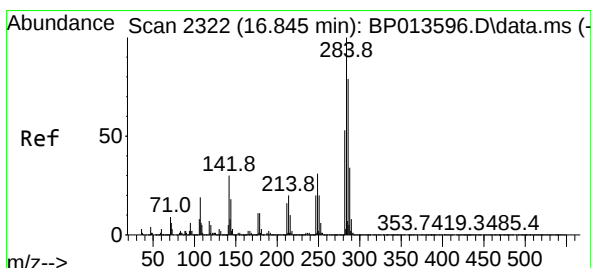
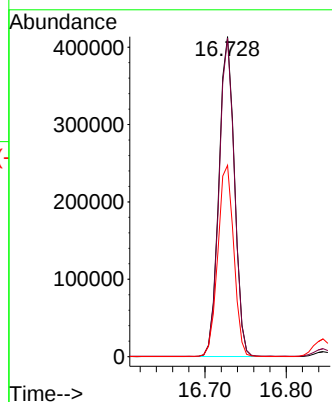
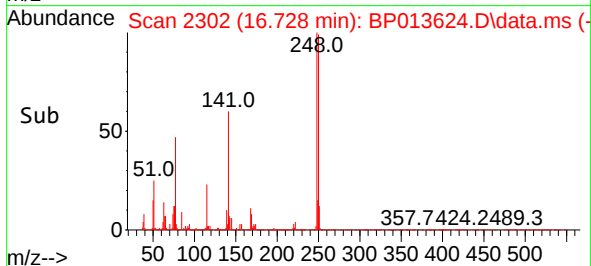
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:248 Resp: 549330
Ion Ratio Lower Upper
248 100
250 99.6 78.6 117.8
141 59.8 49.8 74.8

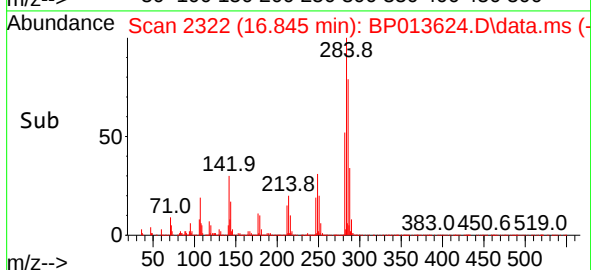
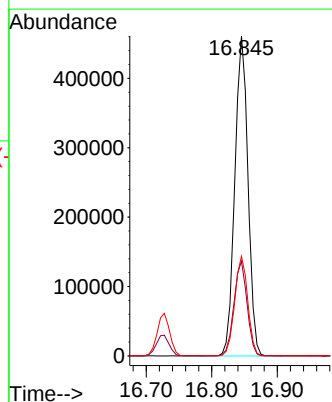
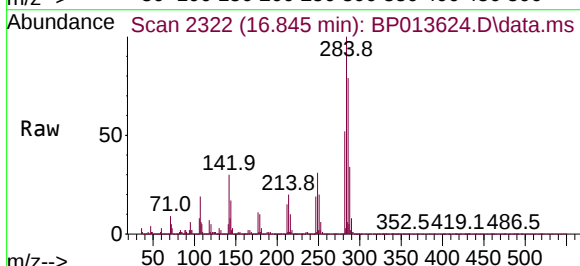
Manual Integrations
APPROVED

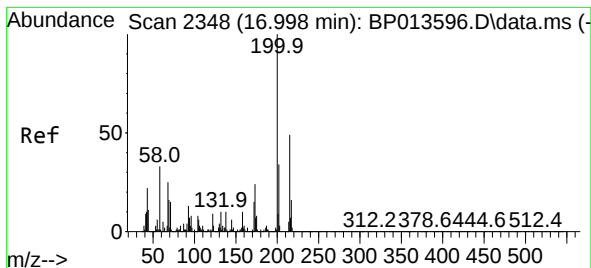
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#68
Hexachlorobenzene
Concen: 52.971 ng
RT: 16.845 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Tgt Ion:284 Resp: 639411
Ion Ratio Lower Upper
284 100
142 29.6 24.1 36.1
249 31.1 25.0 37.6





#69

Atrazine

Concen: 56.387 ng

RT: 16.992 min Scan# 2348

Delta R.T. -0.006 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

Instrument :

BNA_P

ClientSampleId :

VNJ209-STOCKMSD

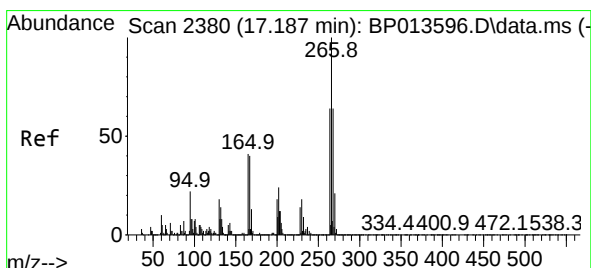
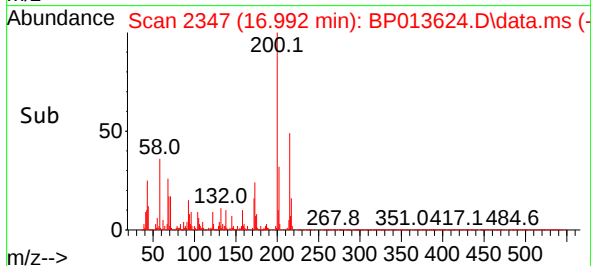
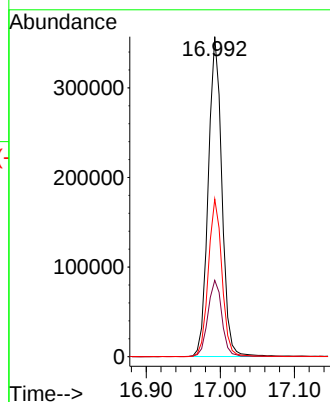
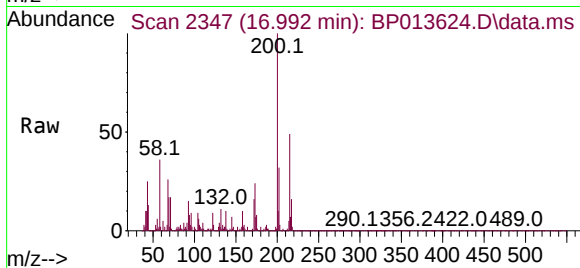
Tgt Ion:200 Resp: 454998

Ion	Ratio	Lower	Upper
200	100		
173	23.8	3.5	43.5
215	49.2	29.2	69.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#70

Pentachlorophenol

Concen: 85.813 ng

RT: 17.187 min Scan# 2380

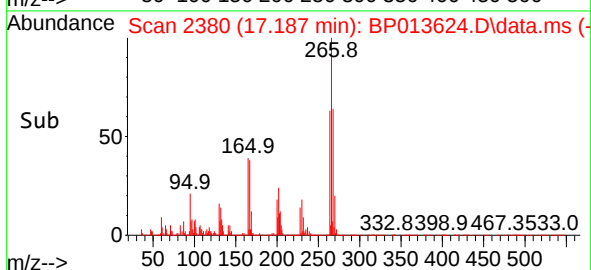
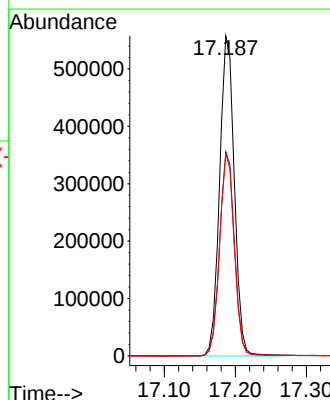
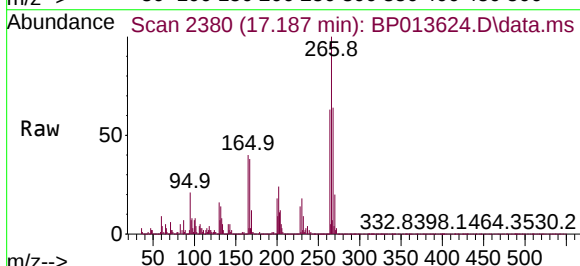
Delta R.T. -0.000 min

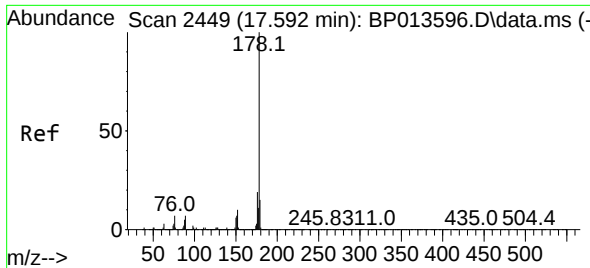
Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

Tgt Ion:266 Resp: 805006

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.4	77.0
264	63.1	51.0	76.6





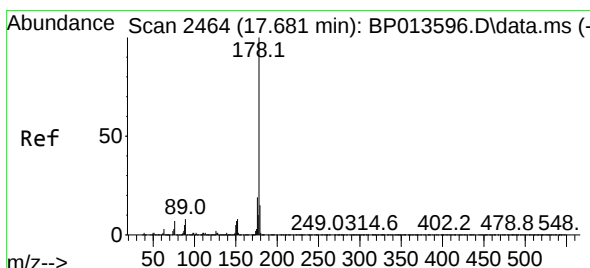
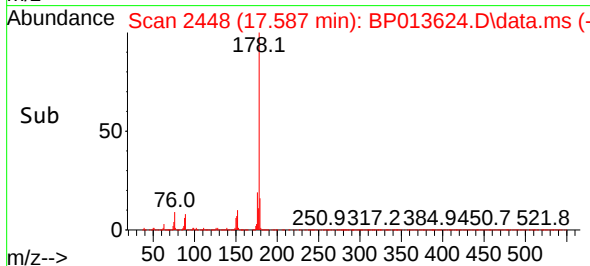
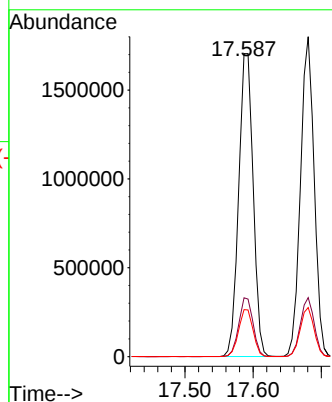
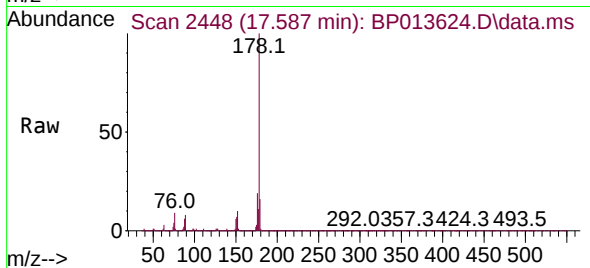
#71
Phenanthrene
Concen: 51.318 ng
RT: 17.587 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:178 Resp: 2521658
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.5 12.2 18.4

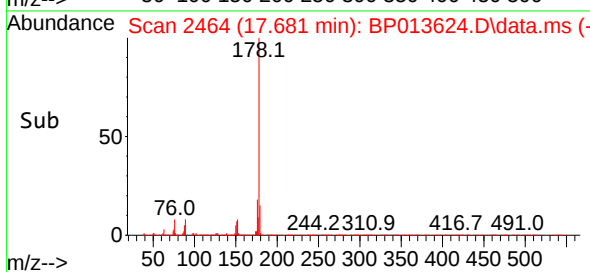
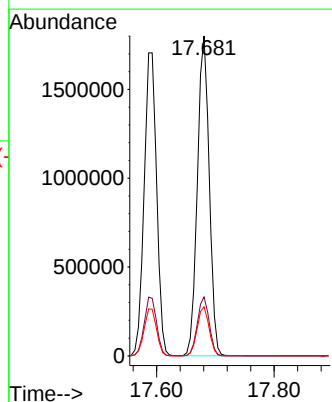
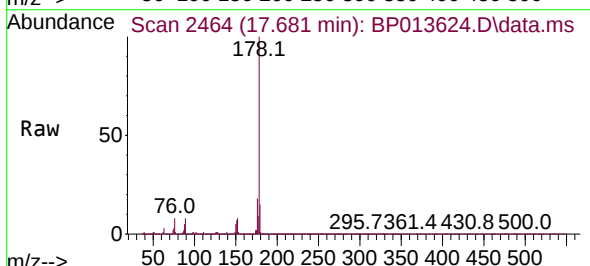
Manual Integrations
APPROVED

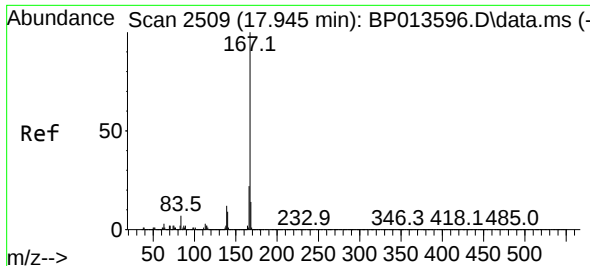
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#72
Anthracene
Concen: 50.702 ng
RT: 17.681 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

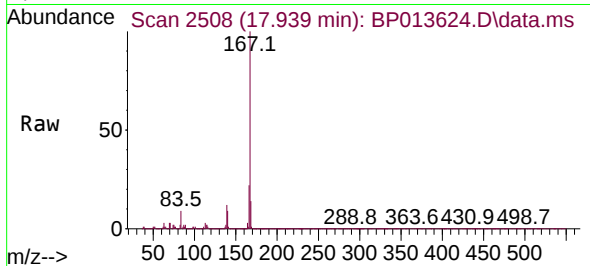
Tgt Ion:178 Resp: 2517440
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 49.800 ng
 RT: 17.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP013624.D
 Acq: 27 Jan 2023 18:50

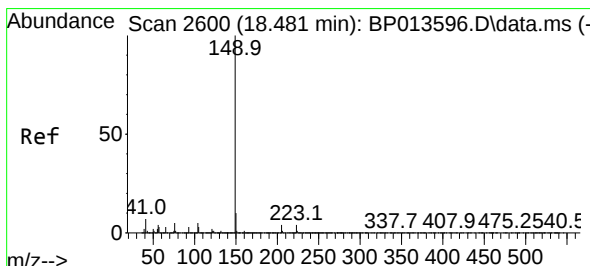
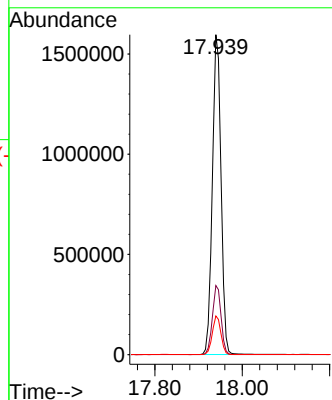
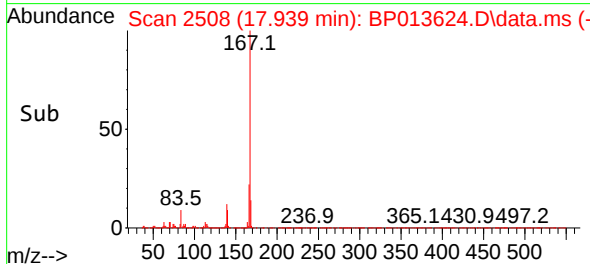
Instrument :
 BNA_P
 ClientSampleId :
 VNJ209-STOCKMSD



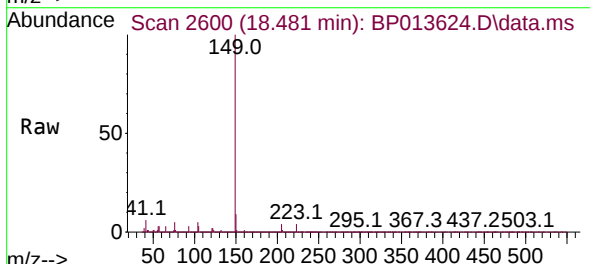
Tgt Ion:167 Resp: 220333
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 12.1 9.8 14.6

Manual Integrations
 APPROVED

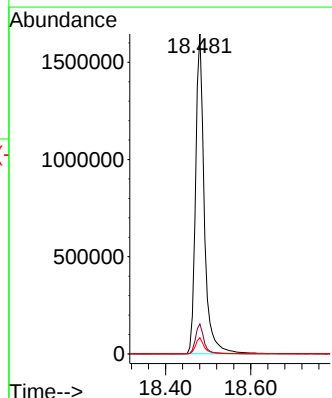
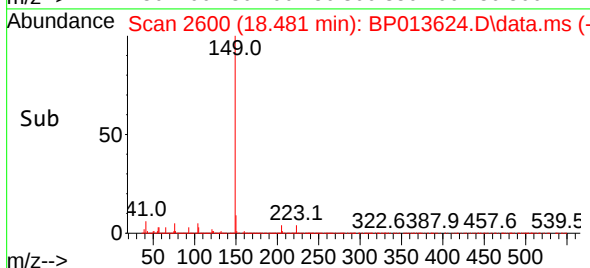
Reviewed By :Christian Giraldo 01/30/2023
 Supervised By :Jagrut Upadhyay 01/30/2023

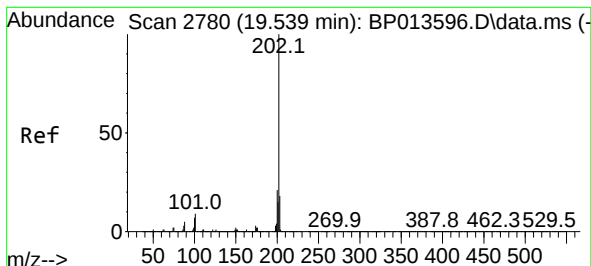


#74
 Di-n-butylphthalate
 Concen: 56.812 ng
 RT: 18.481 min Scan# 2600
 Delta R.T. -0.000 min
 Lab File: BP013624.D
 Acq: 27 Jan 2023 18:50



Tgt Ion:149 Resp: 2336600
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.1 4.4 6.6





#75

Fluoranthene

Concen: 47.622 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

Instrument :

BNA_P

ClientSampleId :

VNJ209-STOCKMSD

Tgt Ion:202 Resp: 291867

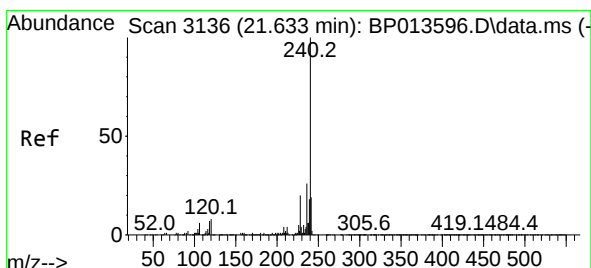
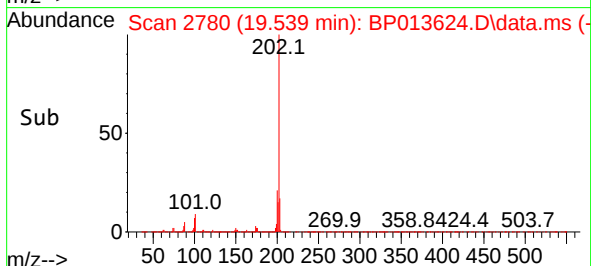
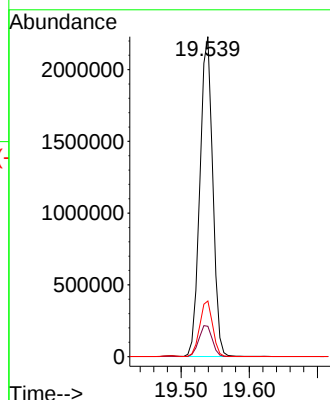
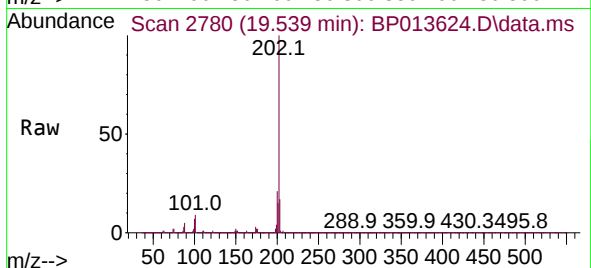
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	28.9
203	17.4	0.0	37.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3135

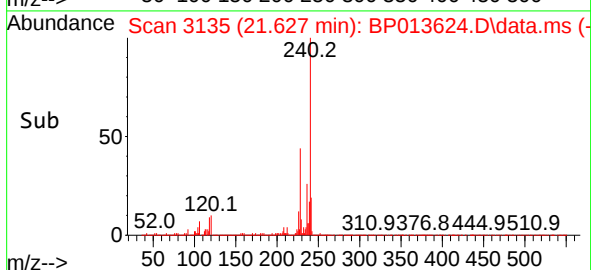
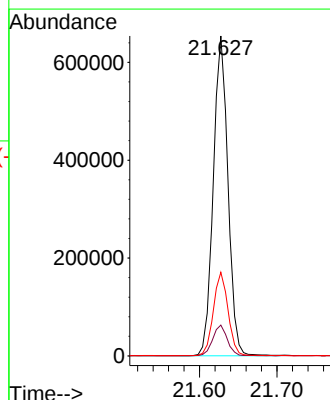
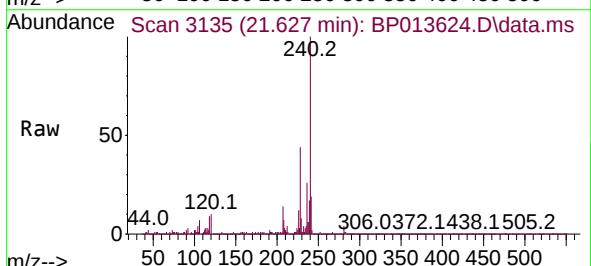
Delta R.T. -0.006 min

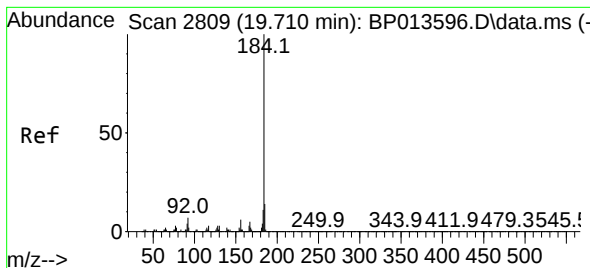
Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

Tgt Ion:240 Resp: 859241

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.7	10.1
236	26.1	20.7	31.1





#77

Benzidine

Concen: 22.435 ng

RT: 19.710 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

Instrument :

BNA_P

ClientSampleId :

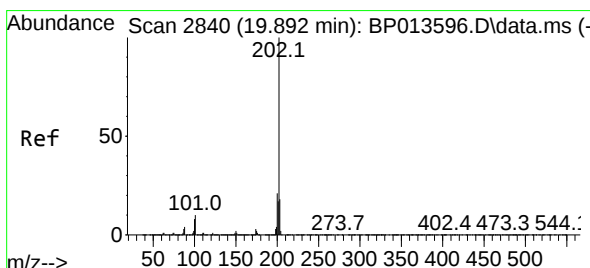
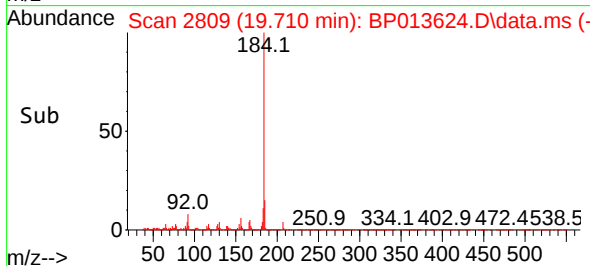
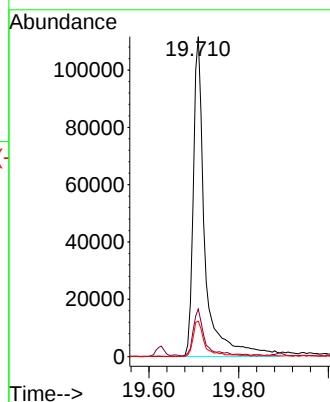
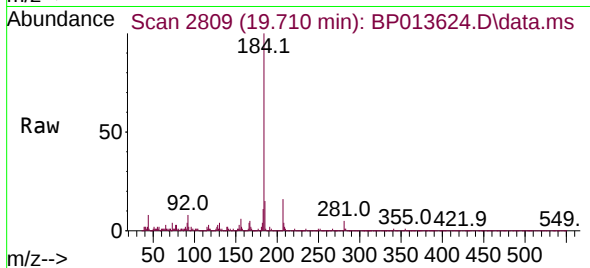
VNJ209-STOCKMSD

Tgt Ion:	184	Resp:	20211
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.5	17.3
183	11.1	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#78

Pyrene

Concen: 45.352 ng

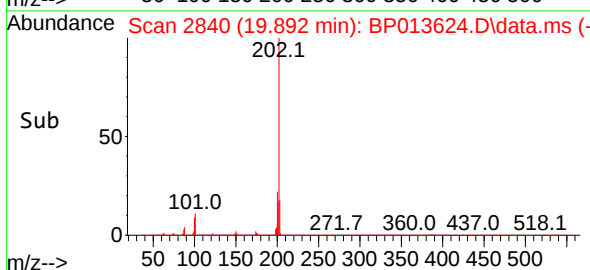
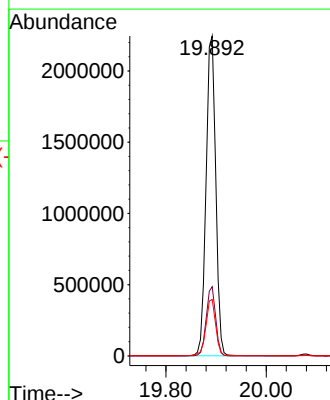
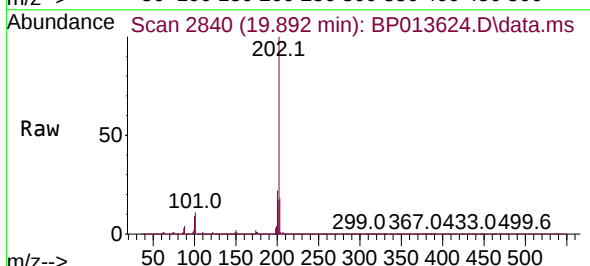
RT: 19.892 min Scan# 2840

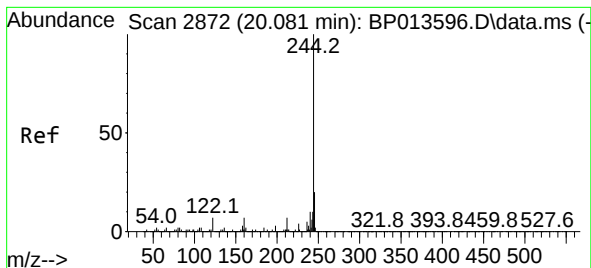
Delta R.T. -0.000 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

Tgt Ion:	202	Resp:	3015833
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.0	25.6
203	17.7	14.2	21.2





#79

Terphenyl-d14

Concen: 92.210 ng

RT: 20.075 min Scan# 2872

Delta R.T. -0.006 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

Instrument :

BNA_P

ClientSampleId :

VNJ209-STOCKMSD

Tgt Ion:244 Resp: 4489898

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

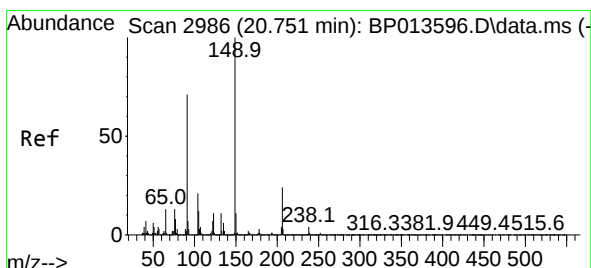
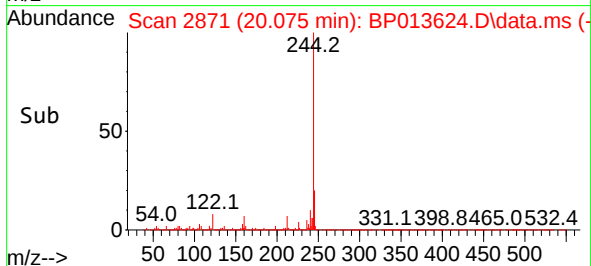
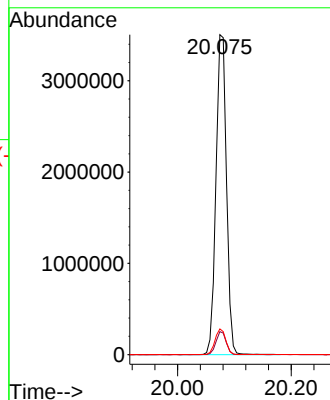
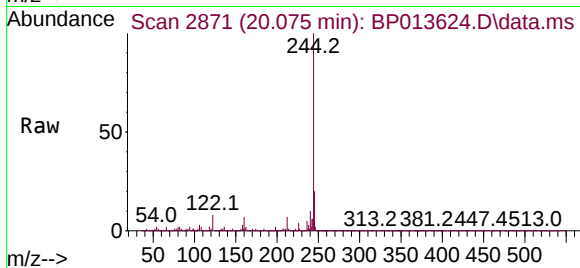
122 8.0 5.3 7.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#80

Butylbenzylphthalate

Concen: 50.086 ng

RT: 20.745 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

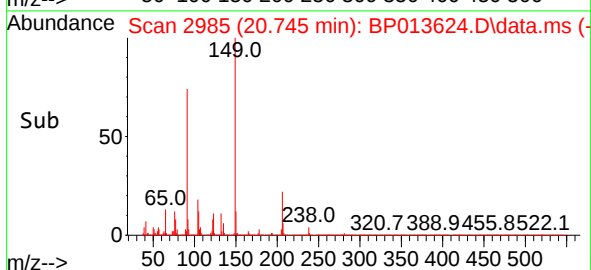
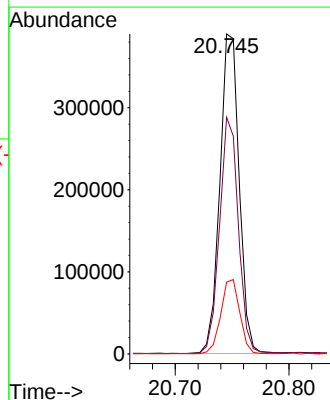
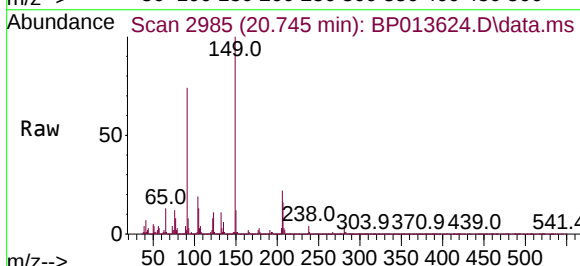
Tgt Ion:149 Resp: 460377

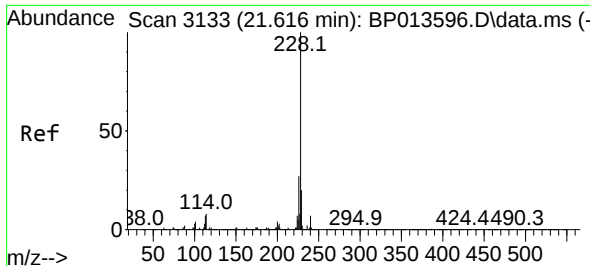
Ion Ratio Lower Upper

149 100

91 73.9 57.0 85.6

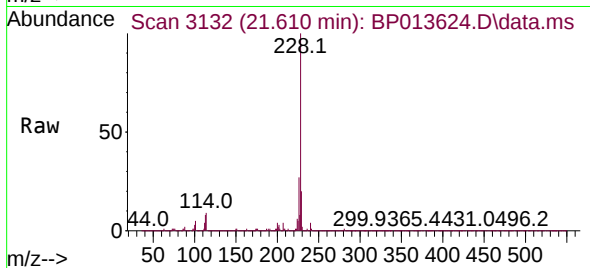
206 22.4 19.0 28.6





#81
Benzo(a)anthracene
Concen: 48.805 ng
RT: 21.610 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

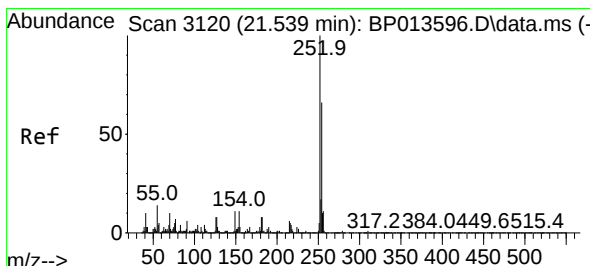
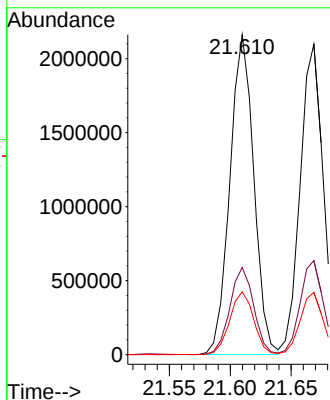
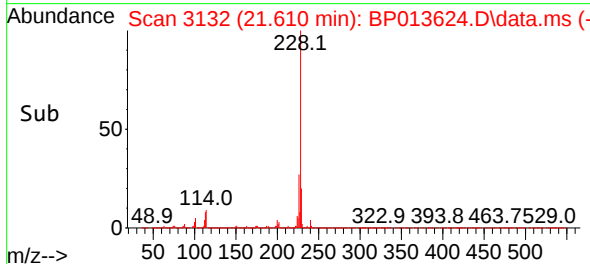
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:228 Resp: 2952986
Ion Ratio Lower Upper
228 100
226 27.2 22.0 33.0
229 19.6 15.9 23.9

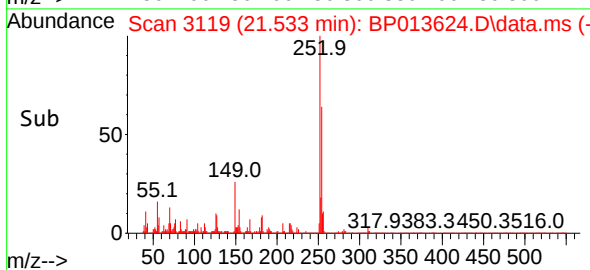
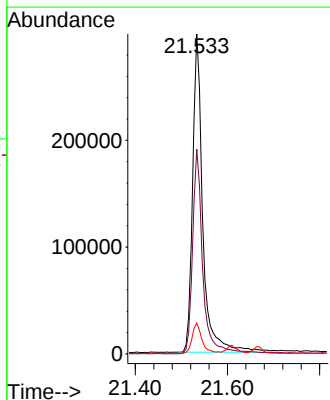
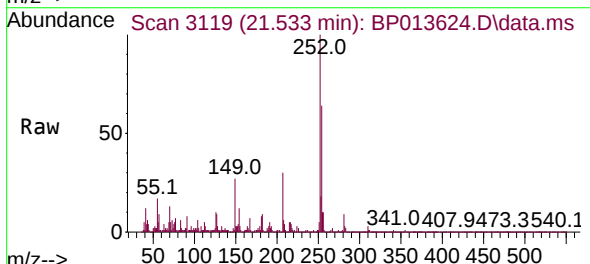
Manual Integrations
APPROVED

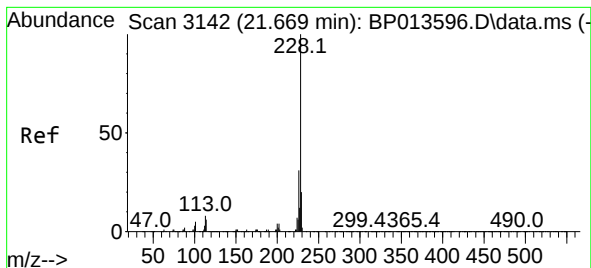
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#82
3,3'-Dichlorobenzidine
Concen: 32.416 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Tgt Ion:252 Resp: 458585
Ion Ratio Lower Upper
252 100
254 63.9 52.3 78.5
126 9.7 6.2 9.4





#83

Chrysene

Concen: 48.869 ng

RT: 21.669 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

Instrument :

BNA_P

ClientSampleId :

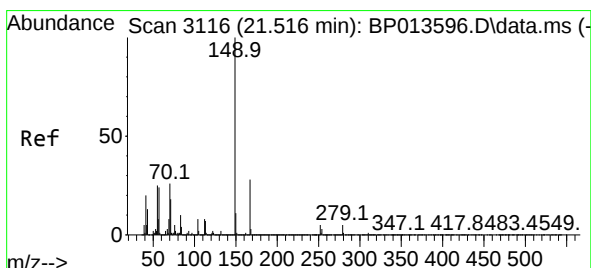
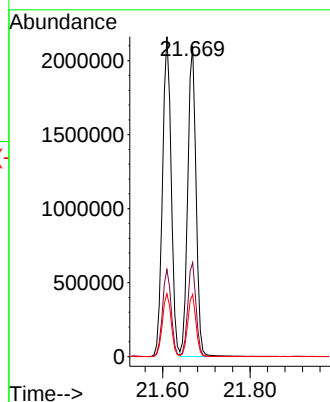
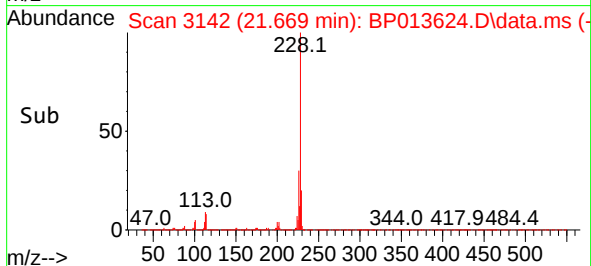
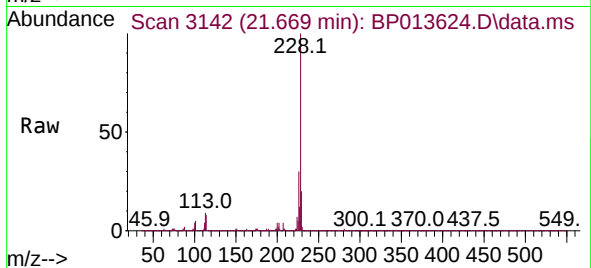
VNJ209-STOCKMSD

Tgt Ion:228 Resp: 2778297
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.8 37.2
 229 20.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023
 Supervised By :Jagrut Upadhyay 01/30/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.093 ng

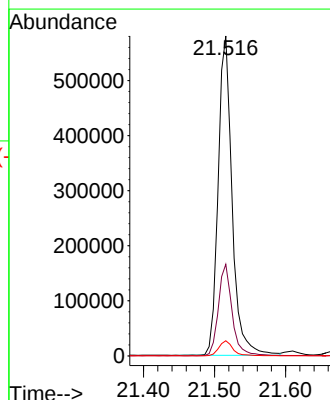
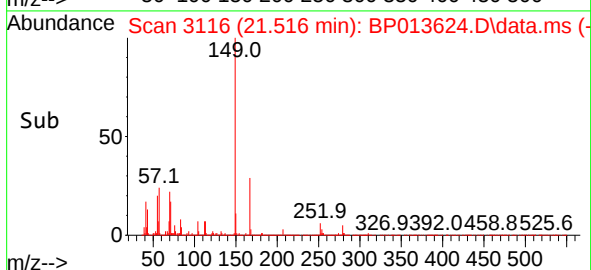
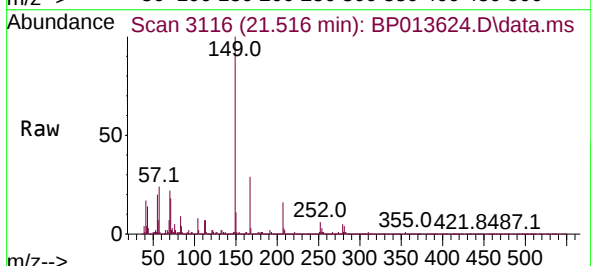
RT: 21.516 min Scan# 3116

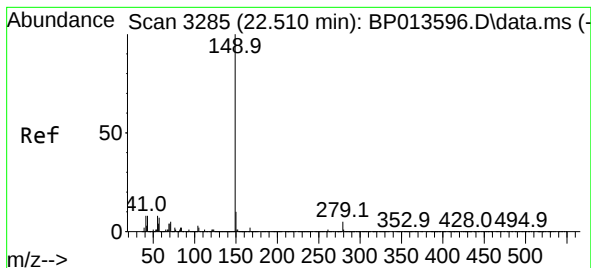
Delta R.T. -0.000 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

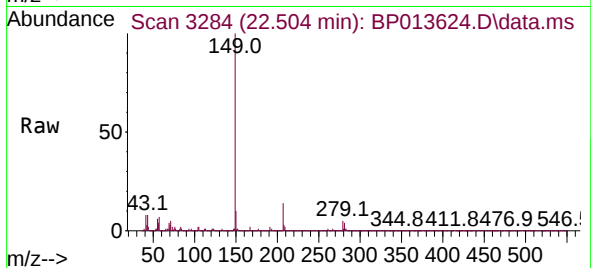
Tgt Ion:149 Resp: 794335
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.2 33.4
 279 4.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 61.349 ng
RT: 22.504 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

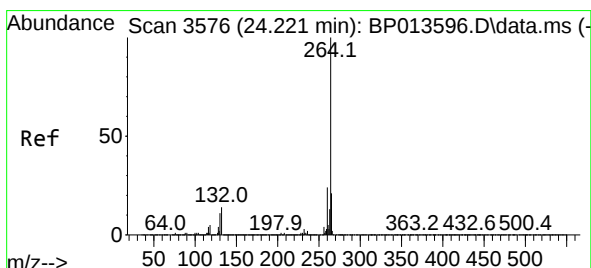
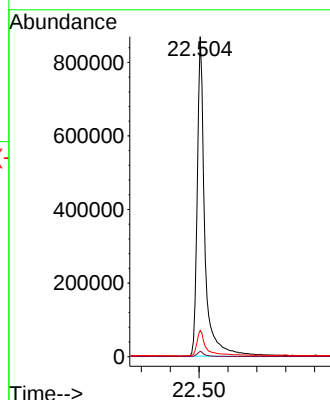
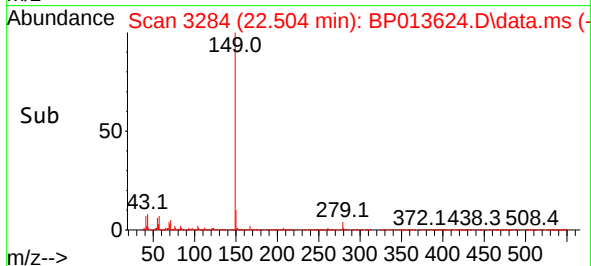
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:149 Resp: 1594060
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 8.6 12.8

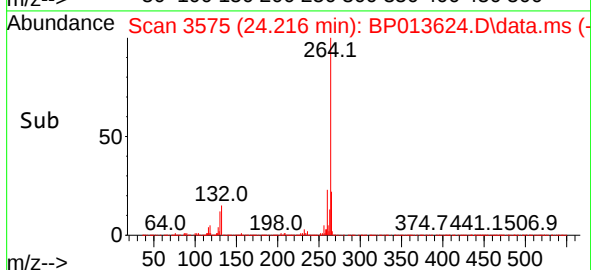
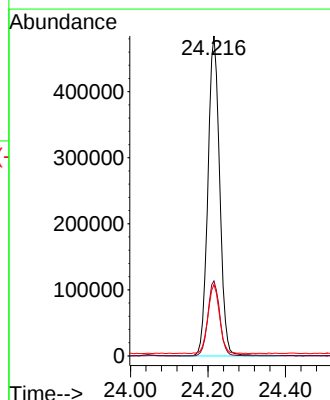
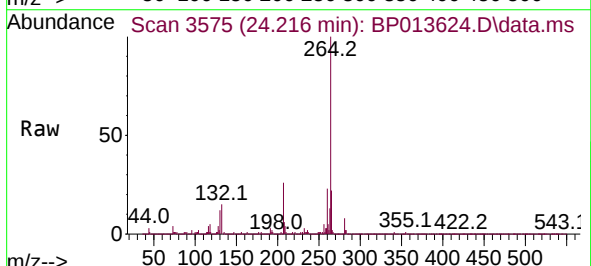
Manual Integrations
APPROVED

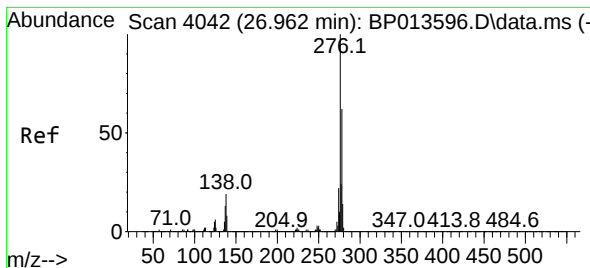
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.216 min Scan# 3575
Delta R.T. -0.006 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Tgt Ion:264 Resp: 1021604
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 22.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.433 ng

RT: 26.957 min Scan# 4041

Delta R.T. -0.006 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

Instrument :

BNA_P

ClientSampleId :

VNJ209-STOCKMSD

Tgt Ion:276 Resp: 434040

Ion Ratio Lower Upper

276 100

138 21.7 16.4 24.6

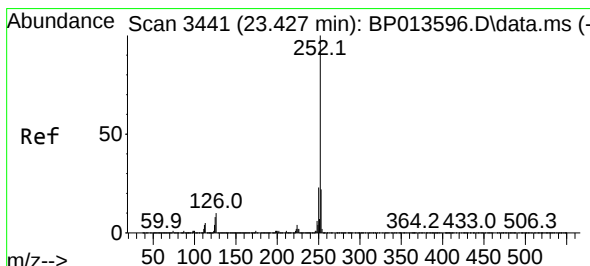
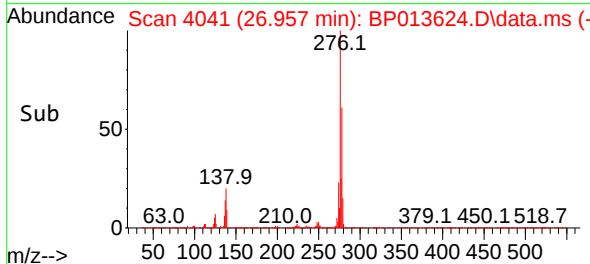
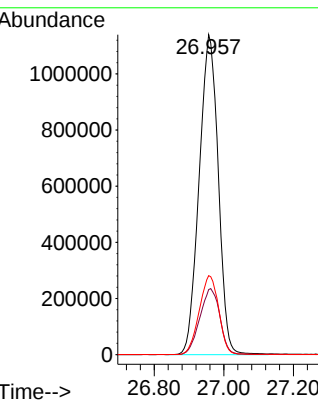
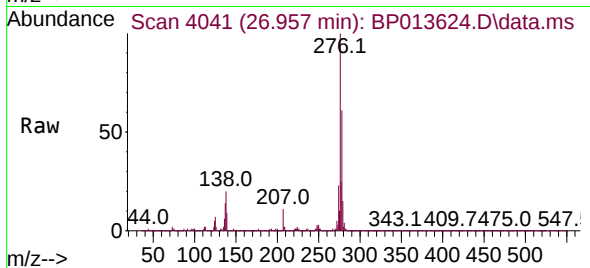
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#88

Benzo(b)fluoranthene

Concen: 49.190 ng

RT: 23.421 min Scan# 3440

Delta R.T. -0.006 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

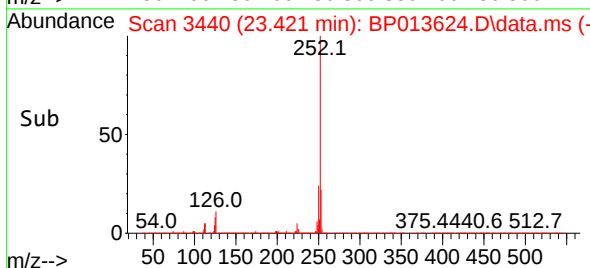
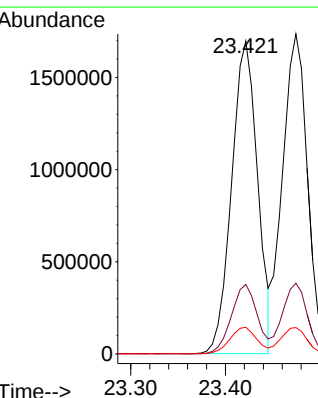
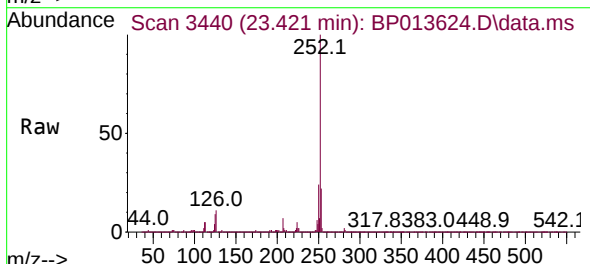
Tgt Ion:252 Resp: 3226261

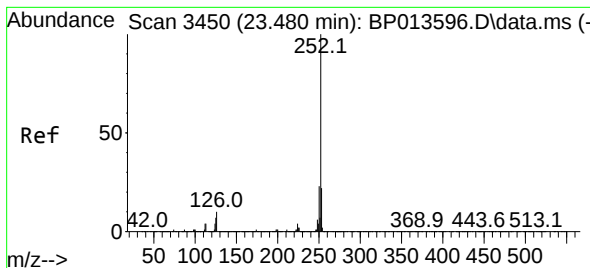
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 8.5 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 48.931 ng

RT: 23.474 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

Instrument :

BNA_P

ClientSampleId :

VNJ209-STOCKMSD

Tgt Ion:252 Resp: 3186005

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

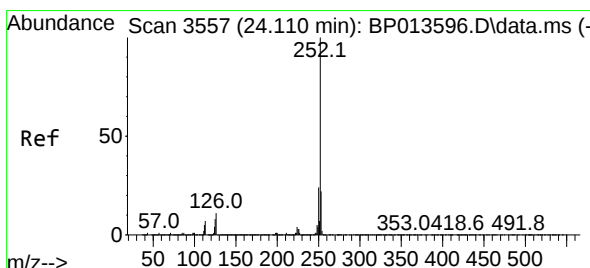
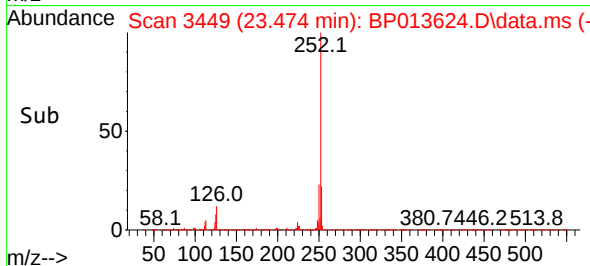
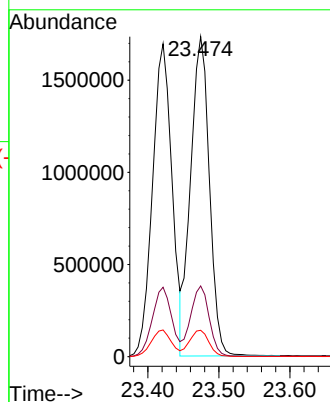
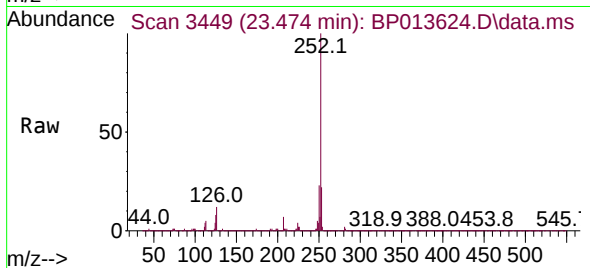
125 8.2 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#90

Benzo(a)pyrene

Concen: 47.101 ng

RT: 24.104 min Scan# 3556

Delta R.T. -0.006 min

Lab File: BP013624.D

Acq: 27 Jan 2023 18:50

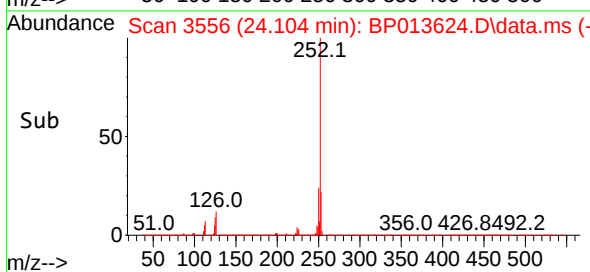
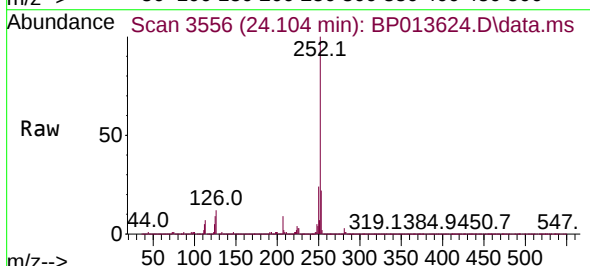
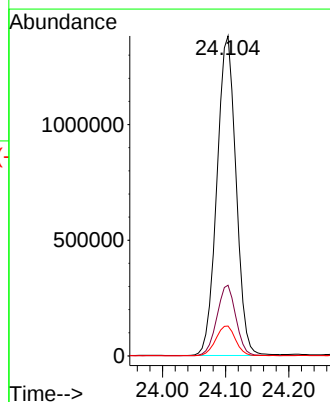
Tgt Ion:252 Resp: 2907665

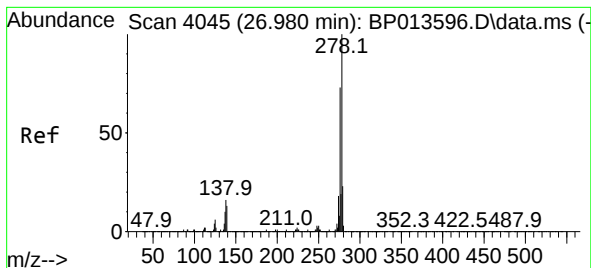
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

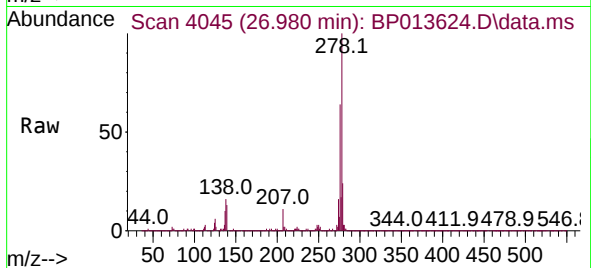
125 9.3 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 60.310 ng
RT: 26.980 min Scan# 4045
Delta R.T. -0.000 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

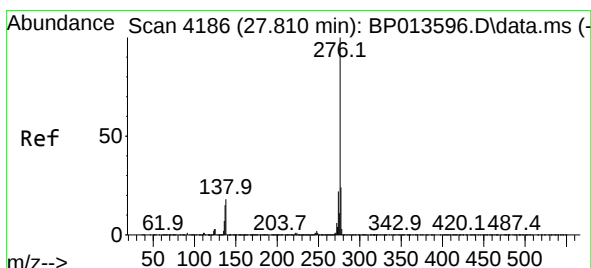
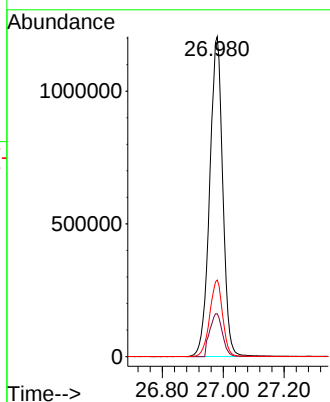
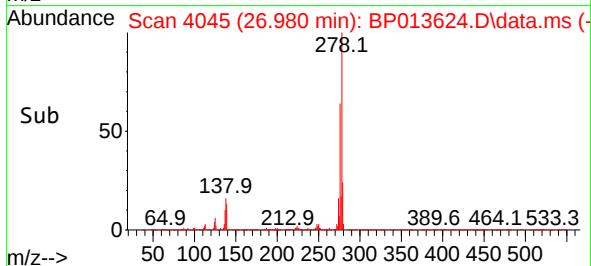
Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion: 278 Resp: 3604335
Ion Ratio Lower Upper
278 100
139 13.4 10.6 15.8
279 23.9 18.7 28.1

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 01/30/2023
Supervised By : Jagrut Upadhyay 01/30/2023



#92
Benzo(g,h,i)perylene
Concen: 61.570 ng
RT: 27.798 min Scan# 4184
Delta R.T. -0.012 min
Lab File: BP013624.D
Acq: 27 Jan 2023 18:50

Tgt Ion: 276 Resp: 3623002
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 19.1 14.3 21.5

