

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121621\
 Data File : BM033494.D
 Acq On : 16 Dec 2021 21:01
 Operator : CG/JU
 Sample : PB141485BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141485BSD

Quant Time: Dec 17 08:01:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 12/17/2021
 Supervised By : Jagrut Upadhyay 12/17/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	38794	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	168909	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	109569	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	202624	20.000	ng	0.00
76) Chrysene-d12	21.512	240	125820	20.000	ng	0.00
86) Perylene-d12	23.930	264	93105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	304630	135.498	ng	0.00
7) Phenol-d6	7.113	99	390081	129.290	ng	0.00
23) Nitrobenzene-d5	9.113	82	318833	81.049	ng	0.00
42) 2,4,6-Tribromophenol	16.077	330	136781	110.976	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	645566	81.502	ng	0.00
79) Terphenyl-d14	19.953	244	747048	93.475	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	28907	34.264	ng	# 94
3) Pyridine	3.802	79	65165	27.209	ng	92
4) n-Nitrosodimethylamine	3.707	42	72487	42.551	ng	# 81
6) Aniline	7.272	93	124063	36.005	ng	97
8) 2-Chlorophenol	7.501	128	112020	45.962	ng	99
9) Benzaldehyde	7.084	77	15640m	4.838	ng	
10) Phenol	7.137	94	145522	47.743	ng	86
11) bis(2-Chloroethyl)ether	7.366	93	107266	44.662	ng	97
12) 1,3-Dichlorobenzene	7.825	146	123472m	41.700	ng	
13) 1,4-Dichlorobenzene	7.978	146	129610	42.654	ng	97
14) 1,2-Dichlorobenzene	8.290	146	124602	41.800	ng	99
15) Benzyl Alcohol	8.190	79	125480m	46.143	ng	
16) 2,2'-oxybis(1-Chloropr...	8.466	45	185665	43.477	ng	100
17) 2-Methylphenol	8.390	107	101277	46.754	ng	93
18) Hexachloroethane	9.019	117	53751	42.454	ng	95
19) n-Nitroso-di-n-propyla...	8.760	70	103775	43.628	ng	94
20) 3+4-Methylphenols	8.725	107	134835	46.663	ng	95
22) Acetophenone	8.772	105	183996	40.234	ng	# 91
24) Nitrobenzene	9.154	77	165405	42.806	ng	97
25) Isophorone	9.684	82	260383	40.883	ng	98
26) 2-Nitrophenol	9.866	139	61206	45.350	ng	# 93
27) 2,4-Dimethylphenol	9.925	122	110375	49.762	ng	96
28) bis(2-Chloroethoxy)met...	10.166	93	146071	41.755	ng	97
29) 2,4-Dichlorophenol	10.401	162	112820	44.595	ng	99
30) 1,2,4-Trichlorobenzene	10.613	180	129094	40.243	ng	98
31) Naphthalene	10.801	128	377389	41.245	ng	99
32) Benzoic acid	10.084	122	63628	41.557	ng	99
33) 4-Chloroaniline	10.925	127	40282	13.608	ng	99
34) Hexachlorobutadiene	11.078	225	84893	37.957	ng	99
35) Caprolactam	11.730	113	30145	60.316	ng	99
36) 4-Chloro-3-methylphenol	12.048	107	131236	40.416	ng	99
37) 2-Methylnaphthalene	12.413	142	274023	43.293	ng	96
38) 1-Methylnaphthalene	12.630	142	252047m	39.922	ng	
40) 1,2,4,5-Tetrachloroben...	12.777	216	139577	44.221	ng	# 97
41) Hexachlorocyclopentadiene	12.748	237	177398	129.965	ng	99
43) 2,4,6-Trichlorophenol	13.019	196	91930	43.556	ng	97

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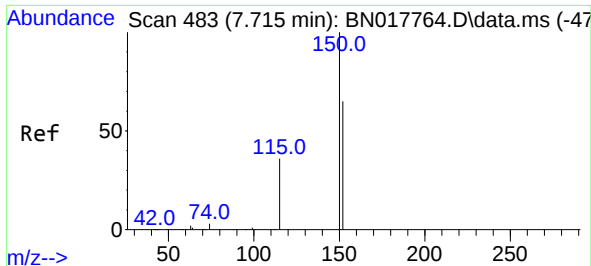
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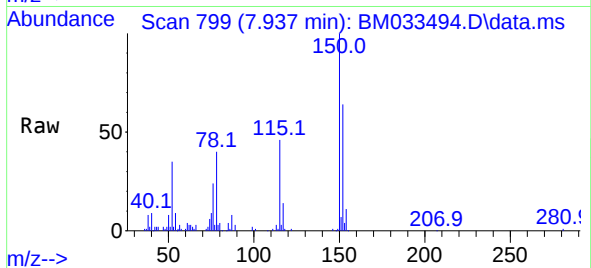
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	97367	43.228	ng	95
46) 1,1'-Biphenyl	13.419	154	344210	42.425	ng	98
47) 2-Chloronaphthalene	13.460	162	273504	43.609	ng	98
48) 2-Nitroaniline	13.677	65	93464	43.743	ng	97
49) Acenaphthylene	14.307	152	425483	42.821	ng	98
50) Dimethylphthalate	14.048	163	326944	39.394	ng	98
51) 2,6-Dinitrotoluene	14.171	165	68521	43.685	ng	87
52) Acenaphthene	14.648	154	253421	41.994	ng	99
53) 3-Nitroaniline	14.507	138	38093	25.895	ng	98
54) 2,4-Dinitrophenol	14.707	184	70192	84.507	ng	89
55) Dibenzofuran	14.983	168	407654	39.861	ng	94
56) 4-Nitrophenol	14.813	139	94326	80.352	ng	# 77
57) 2,4-Dinitrotoluene	14.954	165	93748	43.704	ng	95
58) Fluorene	15.636	166	324767	39.570	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.213	232	80411	39.239	ng	94
60) Diethylphthalate	15.407	149	347858	38.977	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	171011	40.134	ng	92
62) 4-Nitroaniline	15.665	138	56882	37.712	ng	# 77
63) Azobenzene	15.918	77	396674	39.619	ng	96
65) 4,6-Dinitro-2-methylph...	15.718	198	46924	45.537	ng	97
66) n-Nitrosodiphenylamine	15.848	169	275891	45.865	ng	99
67) 4-Bromophenyl-phenylether	16.524	248	96079	43.458	ng	93
68) Hexachlorobenzene	16.630	284	104737	44.120	ng	95
69) Atrazine	16.801	200	93954	73.670	ng	98
70) Pentachlorophenol	16.983	266	125368	94.079	ng	95
71) Phenanthrene	17.377	178	477893	42.376	ng	98
72) Anthracene	17.465	178	482126	43.730	ng	99
73) Carbazole	17.742	167	386666	39.724	ng	98
74) Di-n-butylphthalate	18.301	149	552790	40.851	ng	98
75) Fluoranthene	19.389	202	489168	37.707	ng	98
77) Benzidine	19.583	184	82013	139.408	ng	99
78) Pyrene	19.753	202	490879	49.447	ng	100
80) Butylbenzylphthalate	20.648	149	197606	44.476	ng	99
81) Benzo(a)anthracene	21.495	228	350798	41.599	ng	99
82) 3,3'-Dichlorobenzidine	21.430	252	90027	27.228	ng	97
83) Chrysene	21.547	228	349934	43.098	ng	100
84) Bis(2-ethylhexyl)phtha...	21.418	149	284891	43.749	ng	100
85) Di-n-octyl phthalate	22.353	149	440671	41.629	ng	99
87) Indeno(1,2,3-cd)pyrene	26.441	276	209734	48.860	ng	94
88) Benzo(b)fluoranthene	23.194	252	288261m	48.283	ng	
89) Benzo(k)fluoranthene	23.241	252	272345	45.098	ng	98
90) Benzo(a)pyrene	23.824	252	246129	55.090	ng	98
91) Dibenzo(a,h)anthracene	26.459	278	165185	51.304	ng	98
92) Benzo(g,h,i)perylene	27.206	276	212747	51.384	ng	# 95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

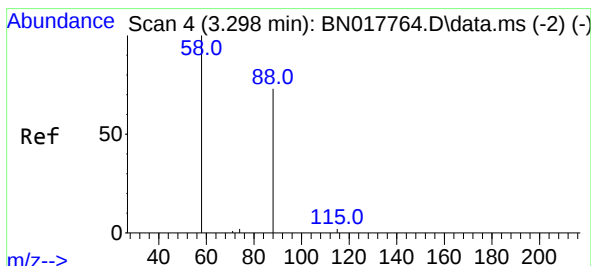
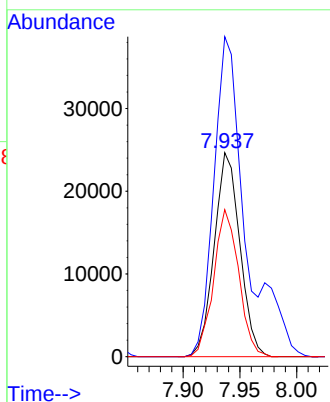
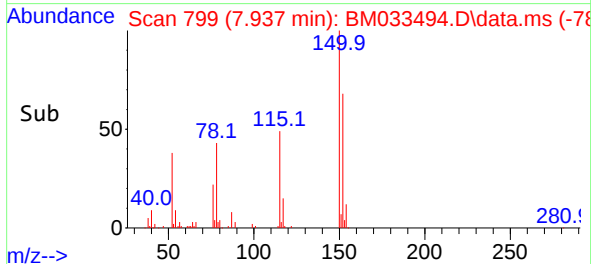
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



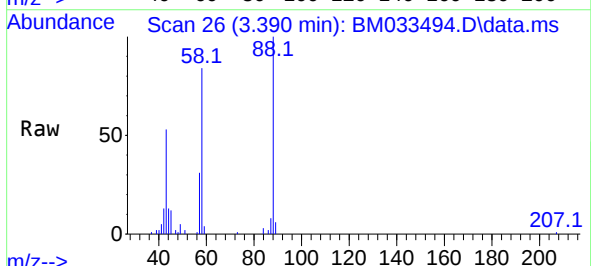
Tgt Ion:152 Resp: 38794
Ion Ratio Lower Upper
152 100
150 156.9 128.9 193.3
115 72.1 53.0 79.6

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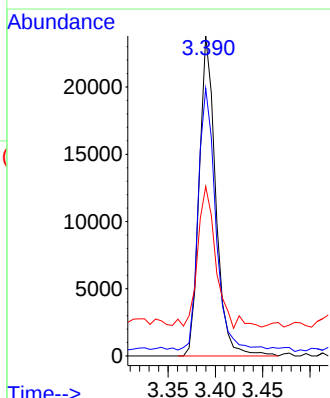
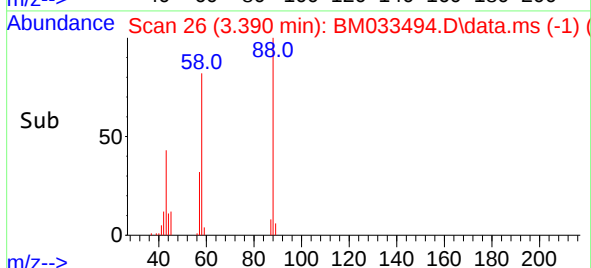
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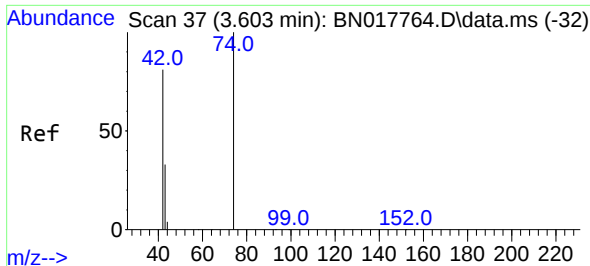


#2
1,4-Dioxane
Concen: 34.264 ng
RT: 3.390 min Scan# 26
Delta R.T. 0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



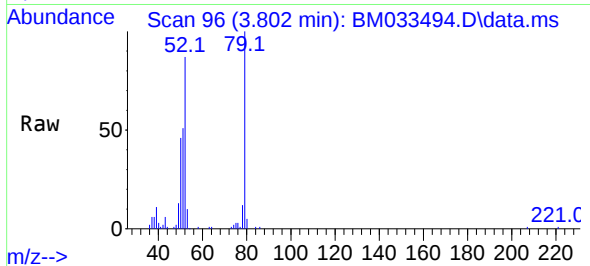
Tgt Ion: 88 Resp: 28907
Ion Ratio Lower Upper
88 100
58 86.2 67.0 100.4
43 48.0 31.6 47.4





#3
Pyridine
Concen: 27.209 ng
RT: 3.802 min Scan# 90
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

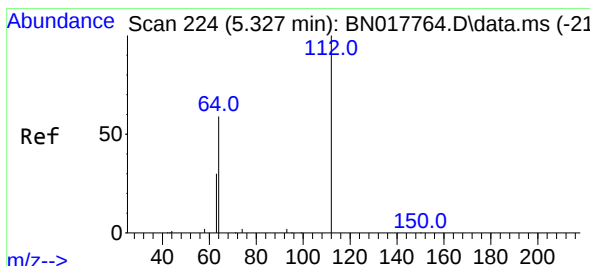
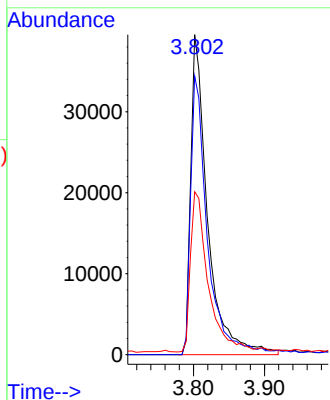
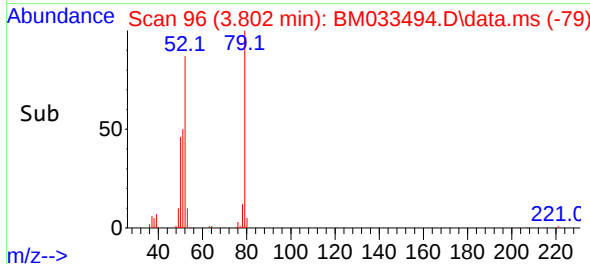
Instrument :
BNA_M
ClientSampleId :
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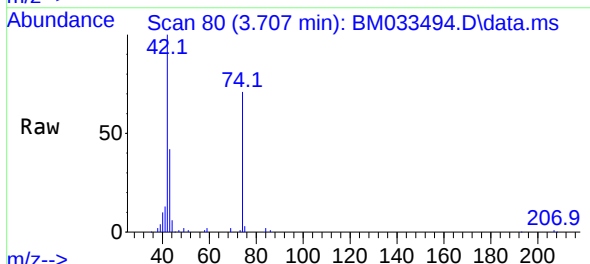
Tgt Ion: 79 Resp: 6516
Ion Ratio Lower Upper
79 100
52 87.0 65.4 98.2
51 50.9 34.8 52.2

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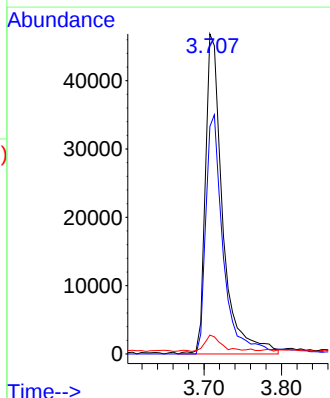
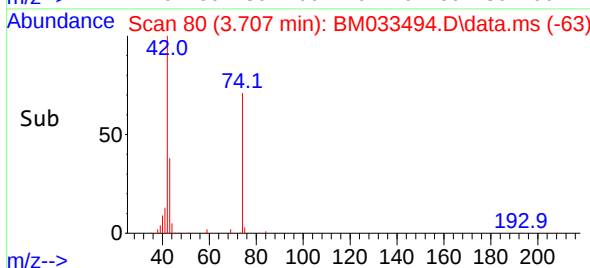
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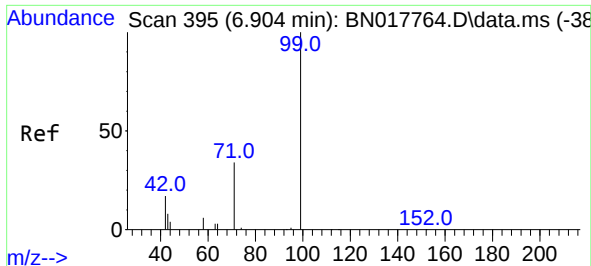


#4
n-Nitrosodimethylamine
Concen: 42.551 ng
RT: 3.707 min Scan# 80
Delta R.T. -0.001 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



Tgt Ion: 42 Resp: 72487
Ion Ratio Lower Upper
42 100
74 71.1 72.5 108.7#
44 5.9 5.4 8.2





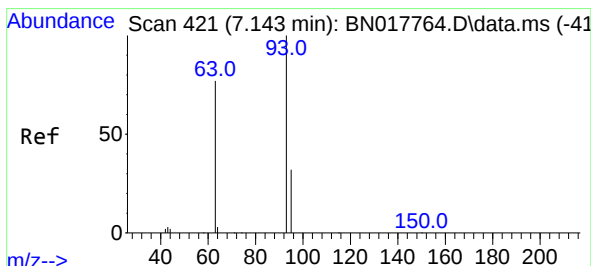
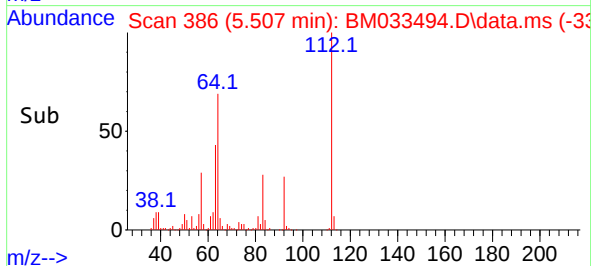
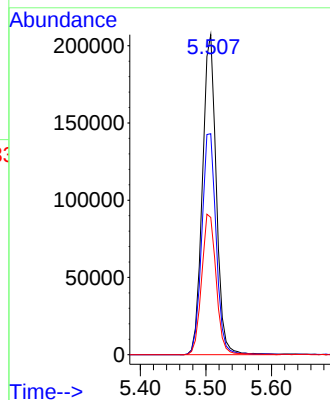
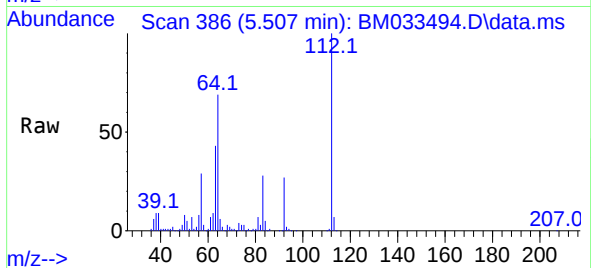
#5
2-Fluorophenol
Concen: 135.498 ng
RT: 5.507 min Scan# 304
Delta R.T. 0.005 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :
BNA_M
ClientSampleId :
PB141485BSD

Tgt Ion:112 Resp: 304630
Ion Ratio Lower Upper
112 100
64 69.1 55.5 83.3
63 42.9 31.3 46.9

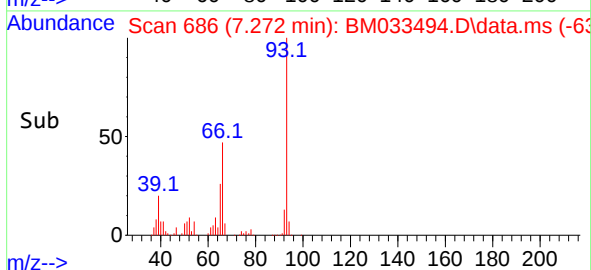
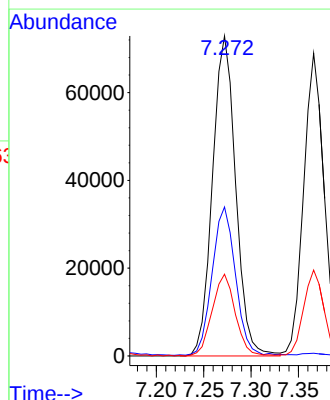
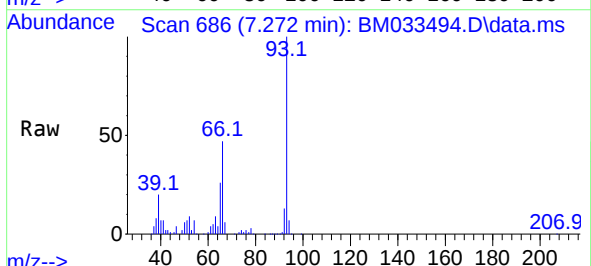
Manual Integrations
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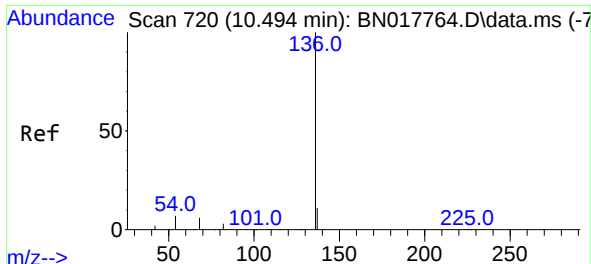
Reviewed By :Christian Giraldo 12/17/2021
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#6
Aniline
Concen: 36.005 ng
RT: 7.272 min Scan# 686
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

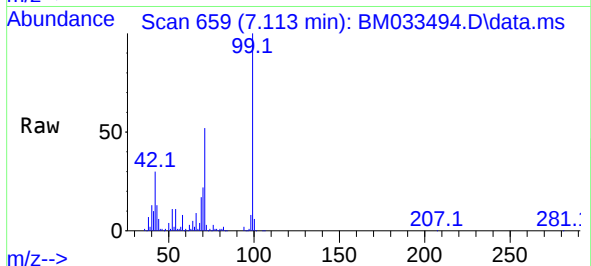
Tgt Ion: 93 Resp: 124063
Ion Ratio Lower Upper
93 100
66 46.6 36.0 54.0
65 25.5 18.2 27.4





#7
Phenol-d6
Concen: 129.290 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

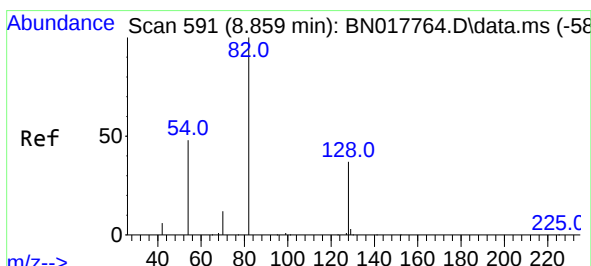
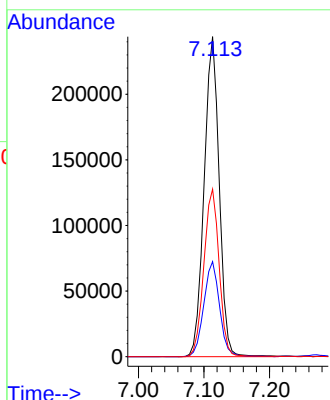
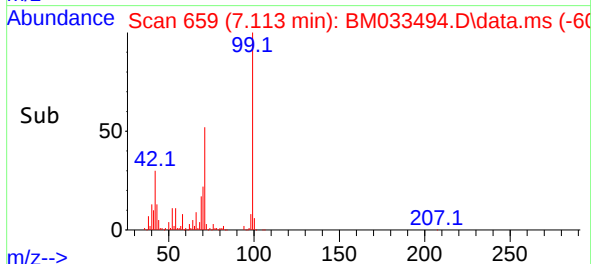
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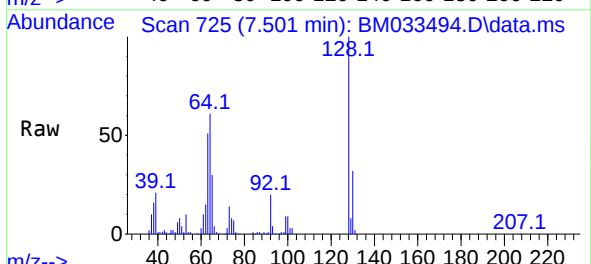
Tgt Ion: 99 Resp: 39008
Ion Ratio Lower Upper
99 100
42 29.7 20.3 30.5
71 52.3 34.5 51.7

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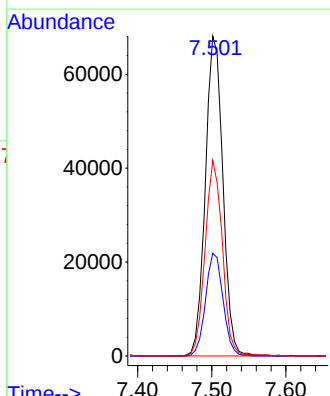
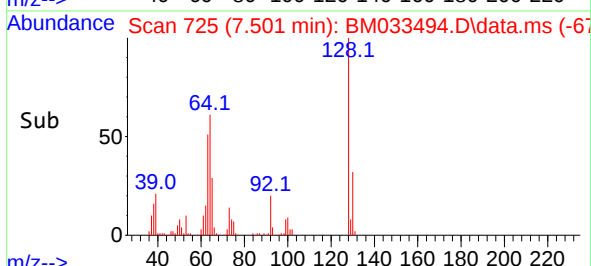
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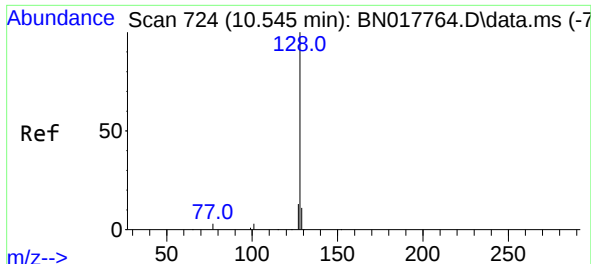


#8
2-Chlorophenol
Concen: 45.962 ng
RT: 7.501 min Scan# 725
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



Tgt Ion:128 Resp: 112020
Ion Ratio Lower Upper
128 100
130 32.1 10.9 50.9
64 61.1 40.6 80.6





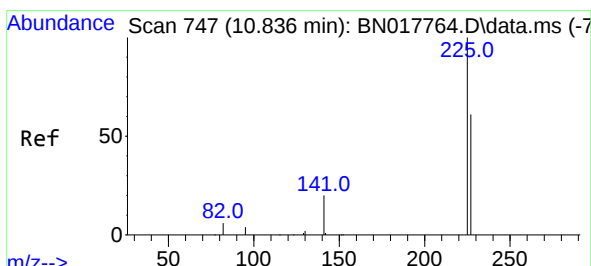
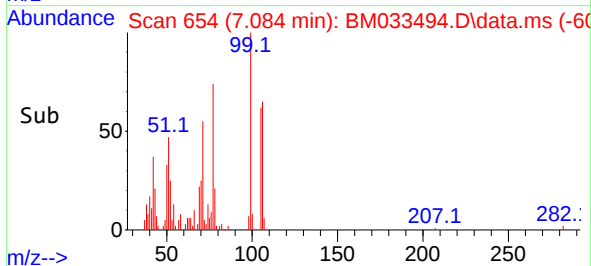
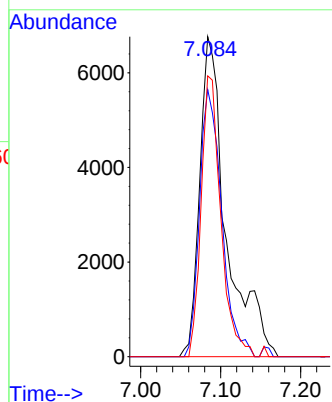
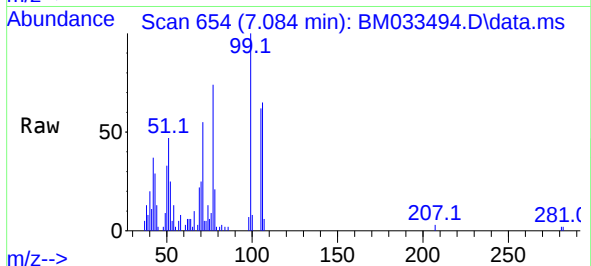
#9
Benzaldehyde
Concen: 4.838 ng m
RT: 7.084 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :
BNA_M
ClientSampleId :
PB141485BSD

Tgt Ion: 77 Resp: 15640
Ion Ratio Lower Upper
77 100
105 83.5 67.1 107.1
106 87.8 64.3 104.3

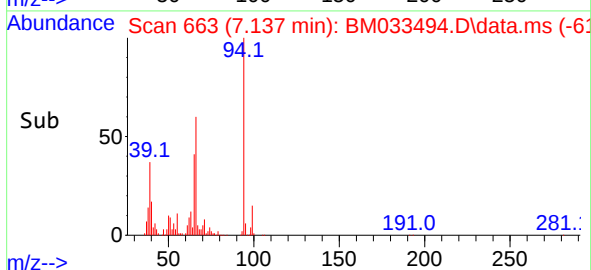
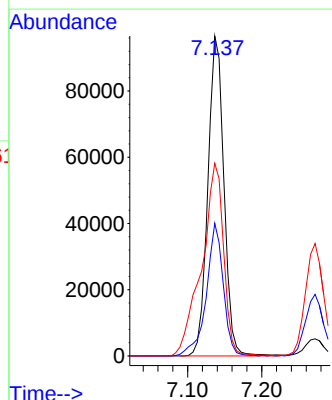
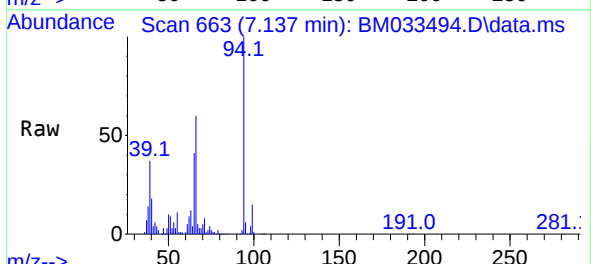
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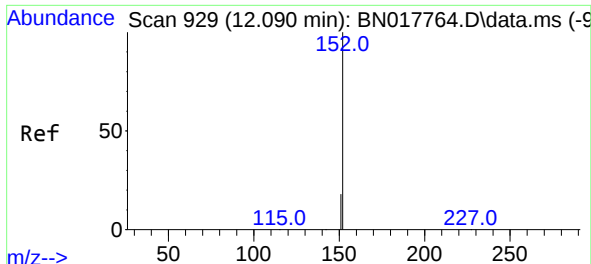
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#10
Phenol
Concen: 47.743 ng
RT: 7.137 min Scan# 663
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

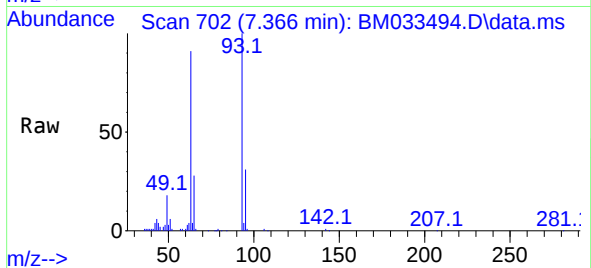
Tgt Ion: 94 Resp: 145522
Ion Ratio Lower Upper
94 100
65 41.4 15.5 55.5
66 60.2 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 44.662 ng
RT: 7.366 min Scan# 702
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

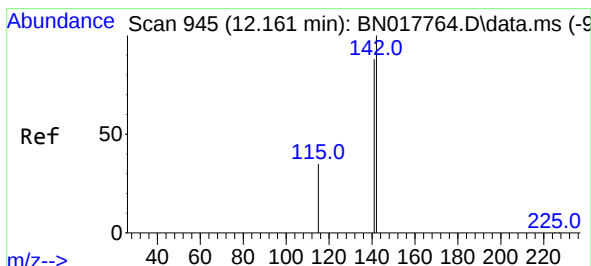
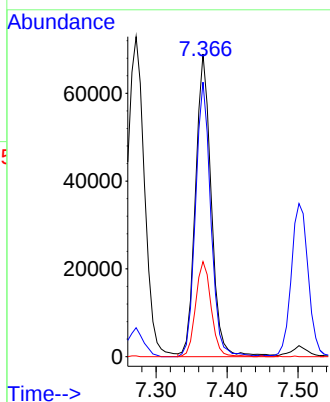
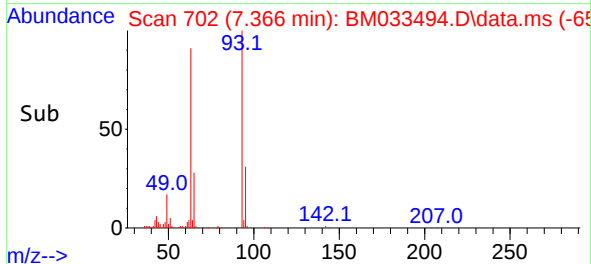
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



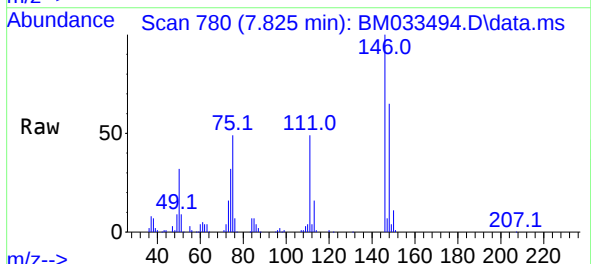
Tgt Ion: 93 Resp: 107260
Ion Ratio Lower Upper
93 100
63 90.7 67.0 107.0
95 31.4 11.6 51.6

Manual Integrations
APPROVED

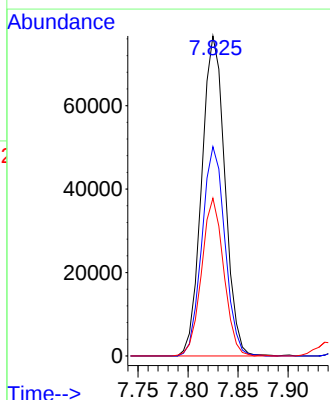
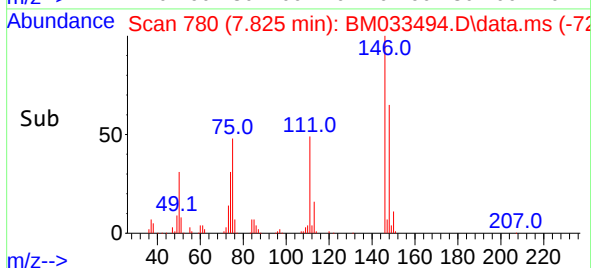
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

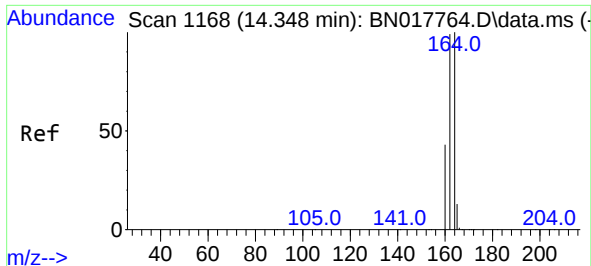


#12
1,3-Dichlorobenzene
Concen: 41.700 ng m
RT: 7.825 min Scan# 780
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



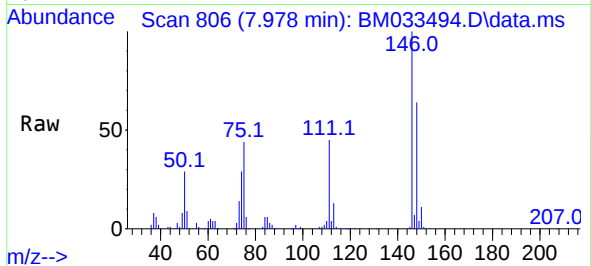
Tgt Ion:146 Resp: 123472
Ion Ratio Lower Upper
146 100
148 65.4 52.1 78.1
75 49.3 32.0 48.0#





#13
1,4-Dichlorobenzene
Concen: 42.654 ng
RT: 7.978 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

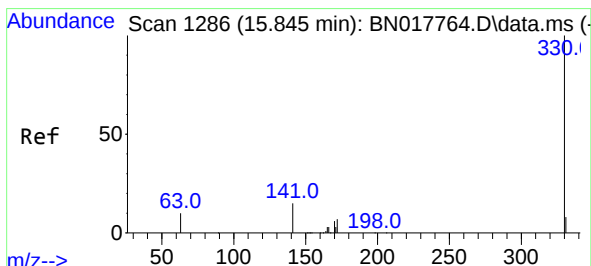
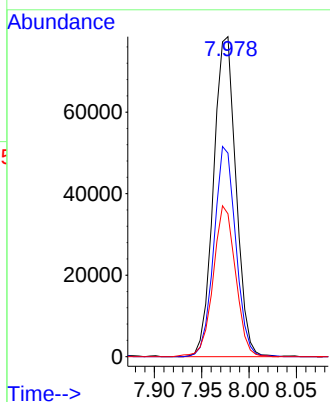
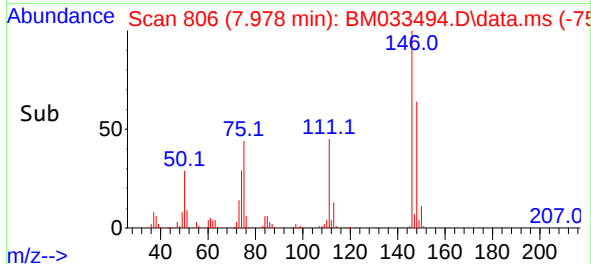
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



Tgt Ion:146 Resp: 129610
Ion Ratio Lower Upper
146 100
148 63.6 53.4 80.0
111 44.7 36.6 55.0

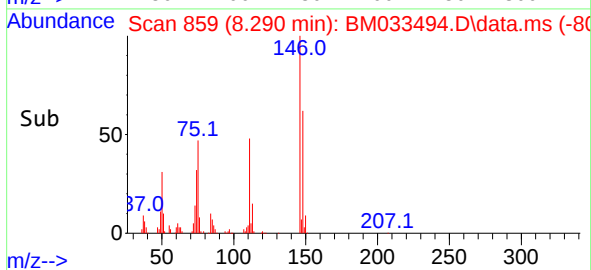
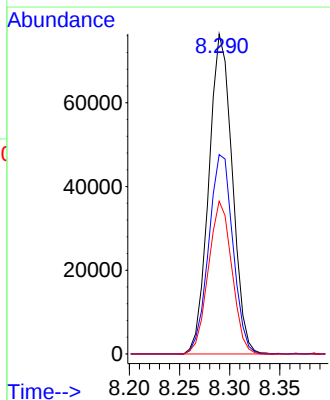
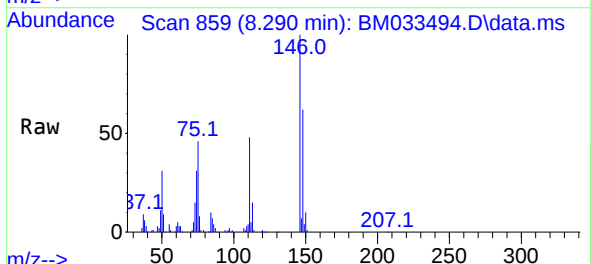
Manual Integrations
APPROVED

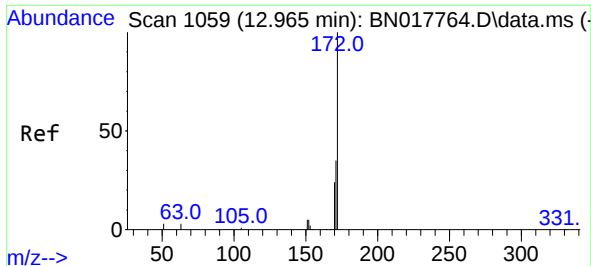
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#14
1,2-Dichlorobenzene
Concen: 41.800 ng
RT: 8.290 min Scan# 859
Delta R.T. -0.005 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

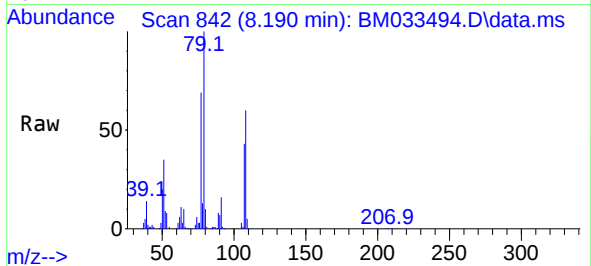
Tgt Ion:146 Resp: 124602
Ion Ratio Lower Upper
146 100
148 62.3 50.9 76.3
111 47.8 37.8 56.8





#15
Benzyl Alcohol
Concen: 46.143 ng m
RT: 8.190 min Scan# 84
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

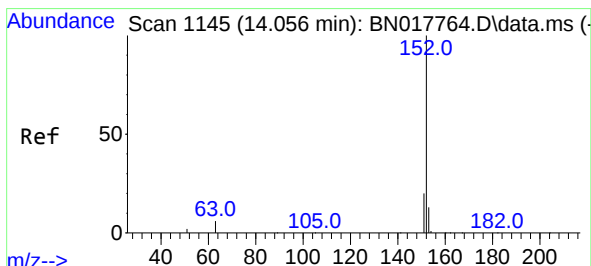
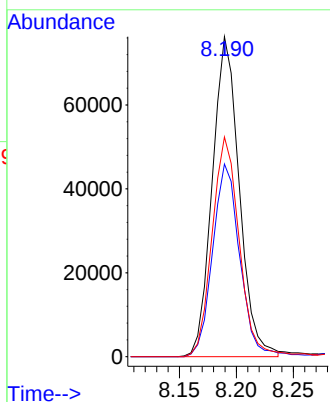
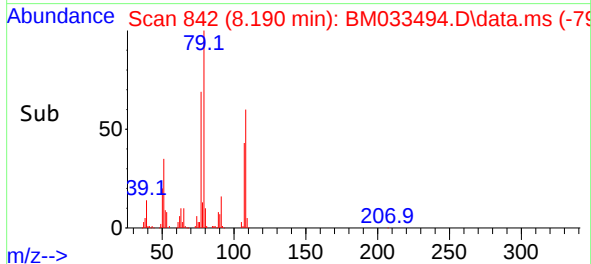
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



Tgt Ion: 79 Resp: 125480
Ion Ratio Lower Upper
79 100
108 60.2 51.1 76.7
77 68.6 53.8 80.8

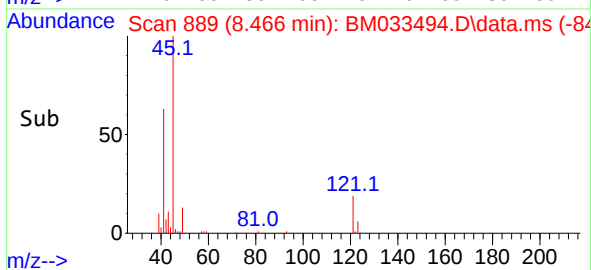
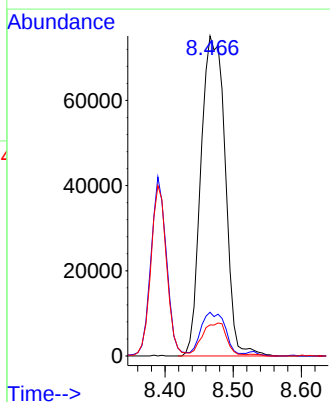
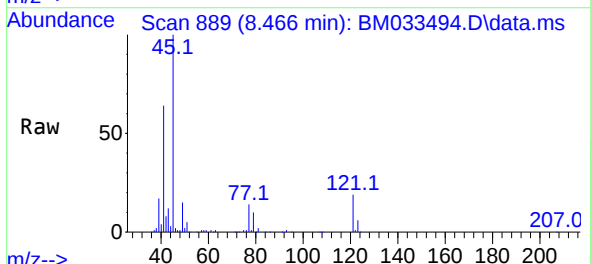
Manual Integrations
APPROVED

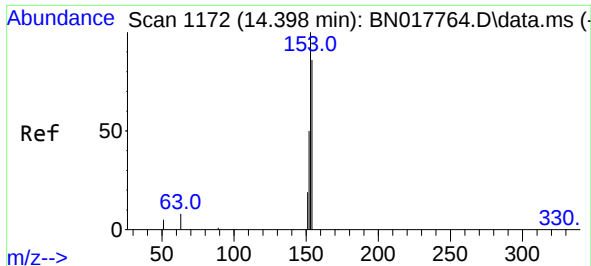
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.477 ng
RT: 8.466 min Scan# 889
Delta R.T. -0.012 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

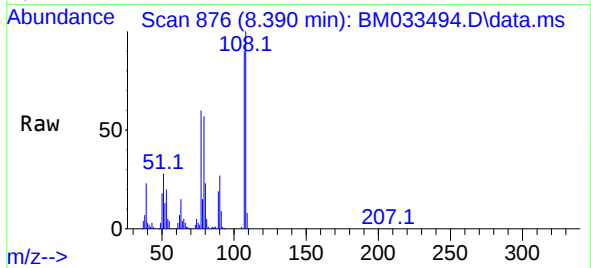
Tgt Ion: 45 Resp: 185665
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.7
79 9.7 0.0 30.0





#17
2-Methylphenol
Concen: 46.754 ng
RT: 8.390 min Scan# 81
Delta R.T. -0.001 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

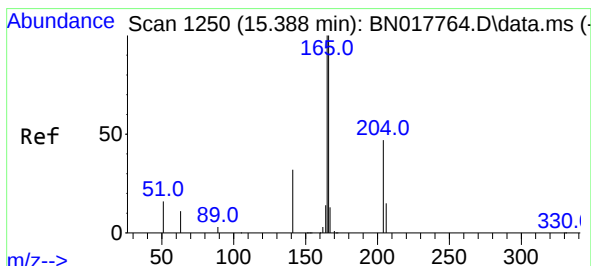
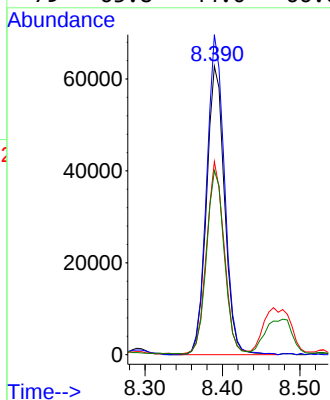
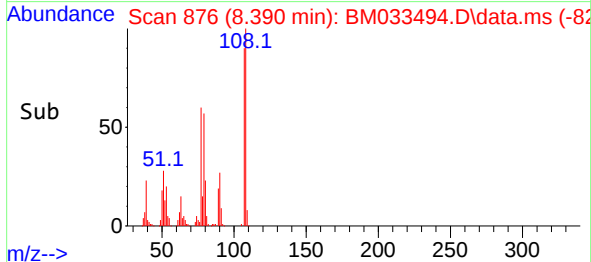
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



Tgt Ion:107 Resp: 10127
Ion Ratio Lower Upper
107 100
108 110.9 89.2 133.8
77 67.0 46.0 69.0
79 63.8 44.0 66.0

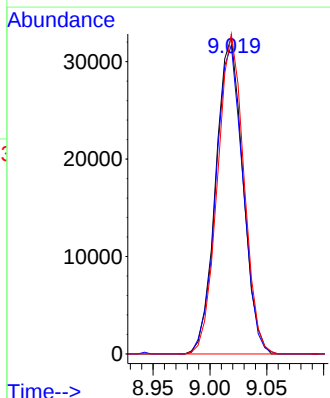
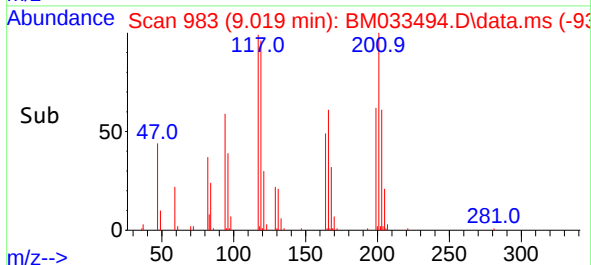
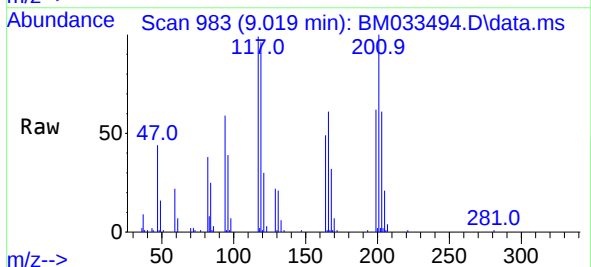
Manual Integrations
APPROVED

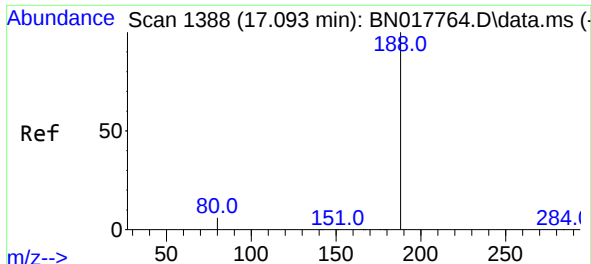
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#18
Hexachloroethane
Concen: 42.454 ng
RT: 9.019 min Scan# 983
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

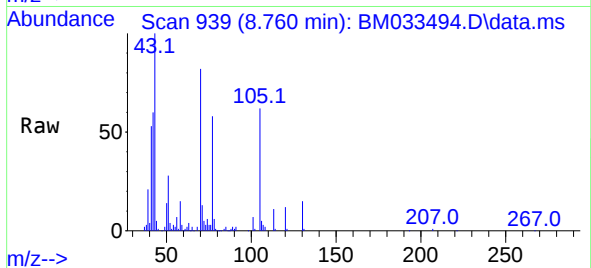
Tgt Ion:117 Resp: 53751
Ion Ratio Lower Upper
117 100
119 97.4 75.0 112.6
201 101.0 75.2 112.8





#19
n-Nitroso-di-n-propylamine
Concen: 43.628 ng
RT: 8.760 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

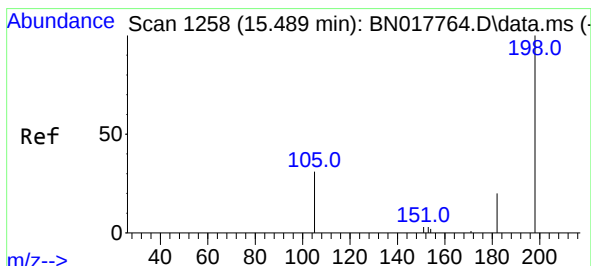
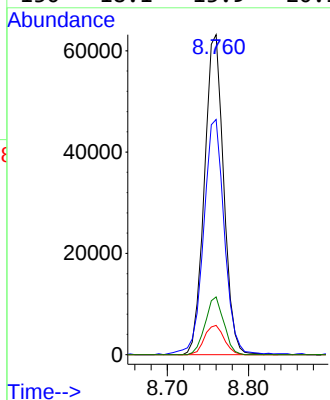
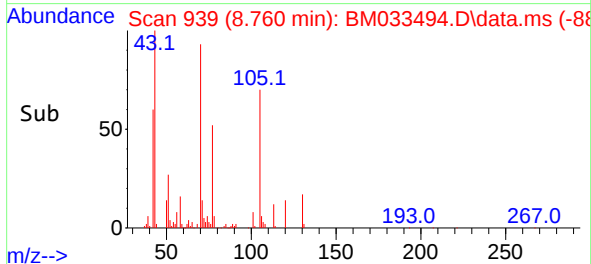
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



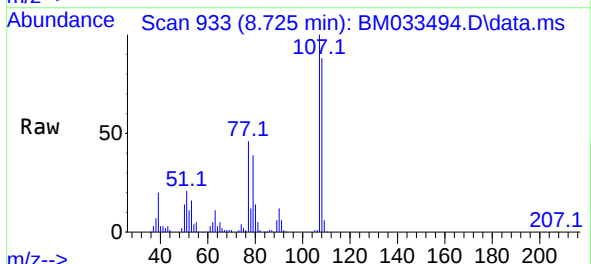
Tgt Ion: 70 Resp: 103775
Ion Ratio Lower Upper
70 100
42 73.5 54.1 81.1
101 9.1 7.8 11.6
130 18.1 13.9 20.9

Manual Integrations
APPROVED

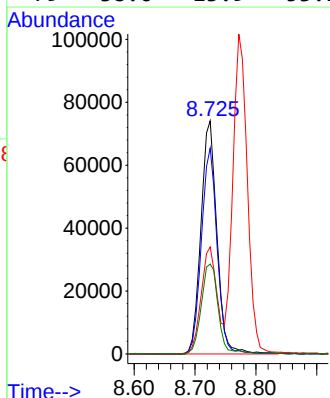
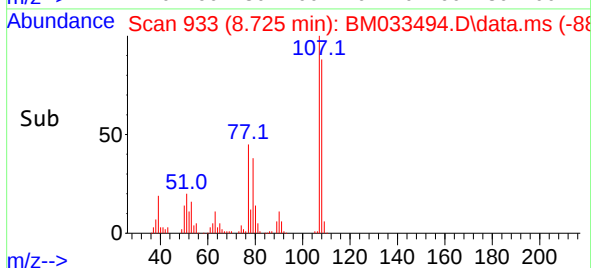
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

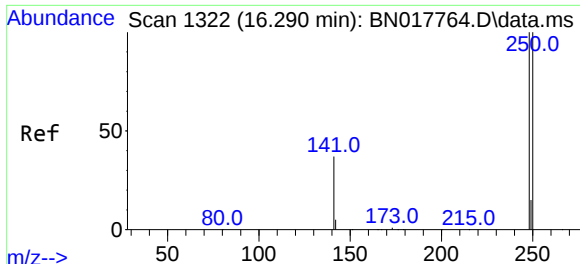


#20
3+4-Methylphenols
Concen: 46.663 ng
RT: 8.725 min Scan# 933
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



Tgt Ion:107 Resp: 134835
Ion Ratio Lower Upper
107 100
108 88.3 64.2 104.2
77 45.9 22.7 62.7
79 38.6 13.9 53.9





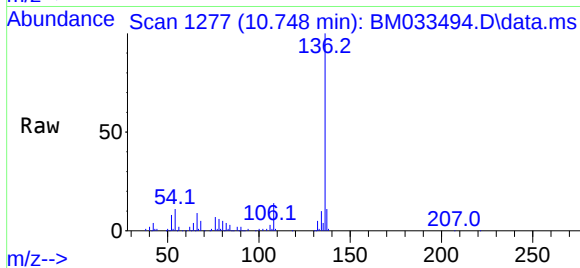
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :

BNA_M

ClientSampleId :

PB141485BSD

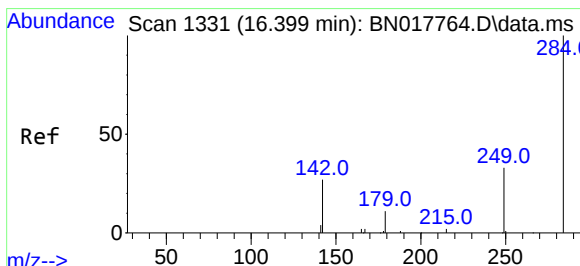
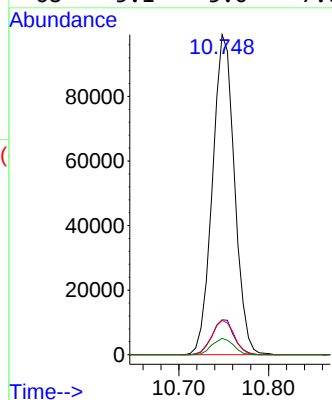
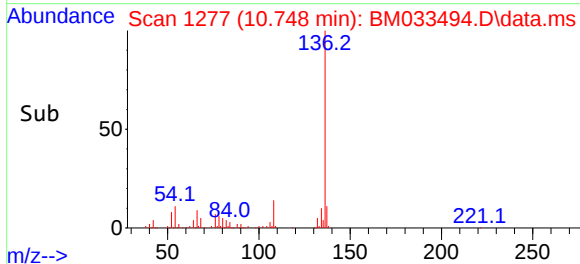


Tgt Ion:136 Resp: 168909
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.7 8.3 12.5
68 5.1 5.0 7.6

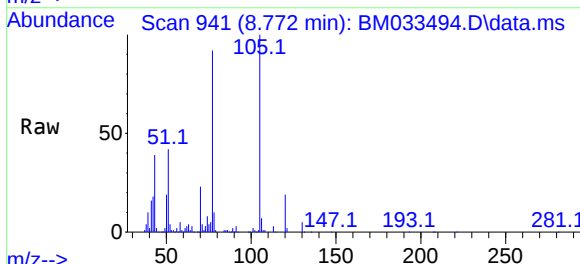
Manual Integrations

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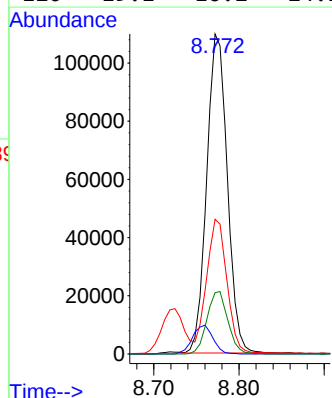
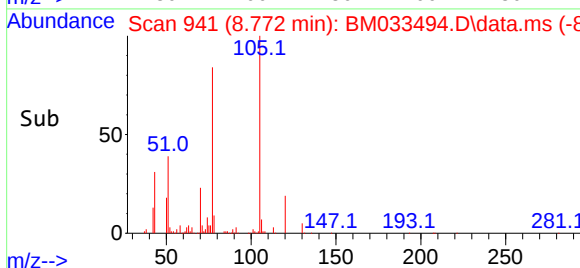
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

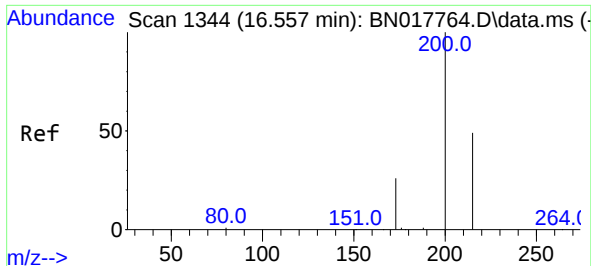


#22
Acetophenone
Concen: 40.234 ng
RT: 8.772 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



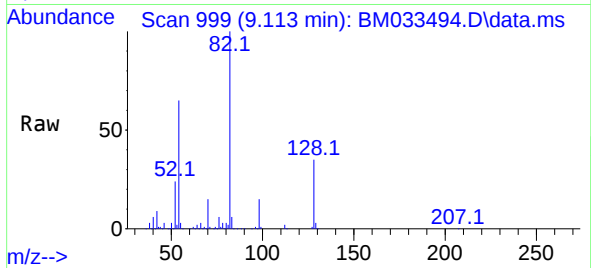
Tgt Ion:105 Resp: 183996
Ion Ratio Lower Upper
105 100
71 3.7 1.6 2.4#
51 42.1 27.7 41.5#
120 19.1 16.2 24.2





#23
Nitrobenzene-d5
Concen: 81.049 ng
RT: 9.113 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

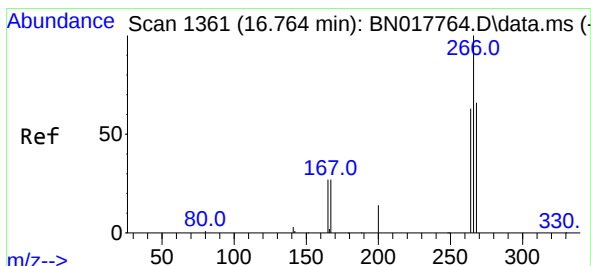
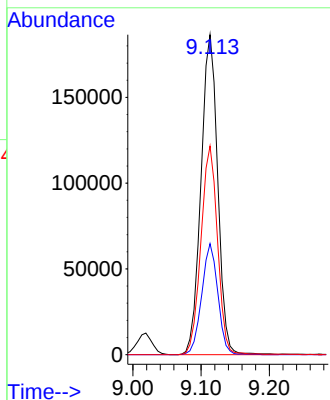
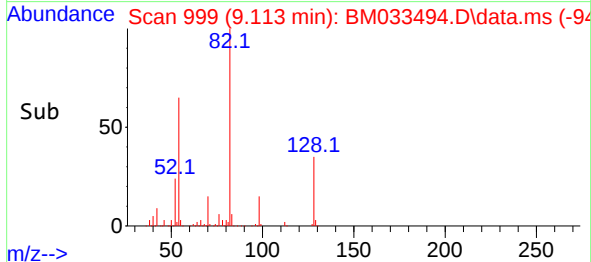
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



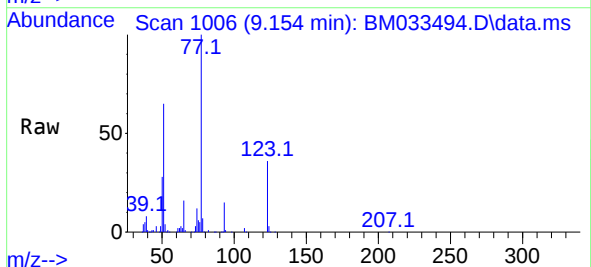
Tgt Ion: 82 Resp: 31883
Ion Ratio Lower Upper
82 100
128 34.7 28.1 42.1
54 65.2 46.1 69.1

Manual Integrations
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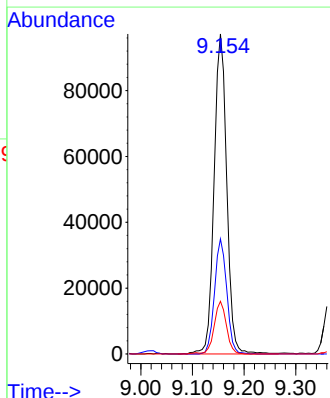
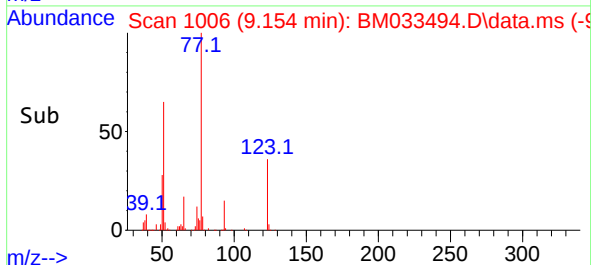
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

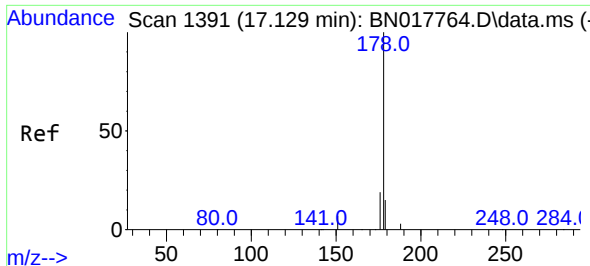


#24
Nitrobenzene
Concen: 42.806 ng
RT: 9.154 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



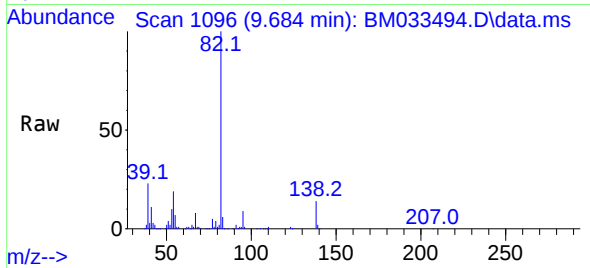
Tgt Ion: 77 Resp: 165405
Ion Ratio Lower Upper
77 100
123 35.9 29.8 44.8
65 16.5 11.5 17.3





#25
Isophorone
Concen: 40.883 ng
RT: 9.684 min Scan# 1107
Delta R.T. -0.005 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

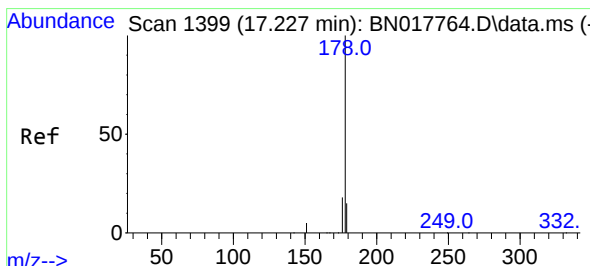
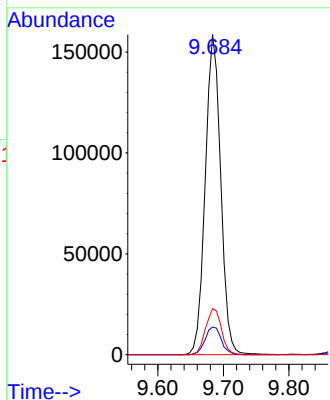
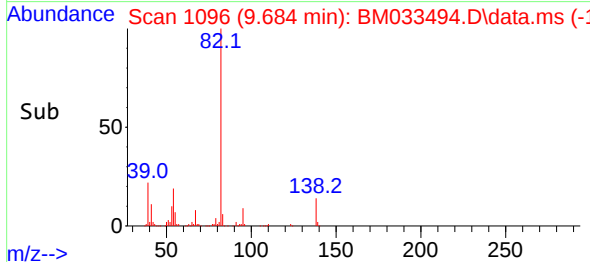
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



Tgt Ion: 82 Resp: 26038
Ion Ratio Lower Upper
82 100
95 8.7 6.4 9.6
138 14.4 12.4 18.6

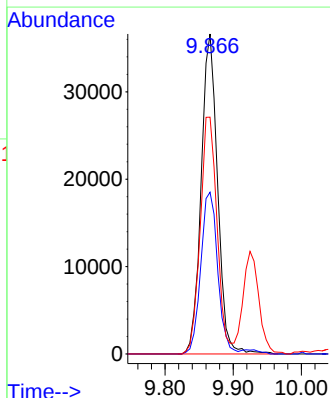
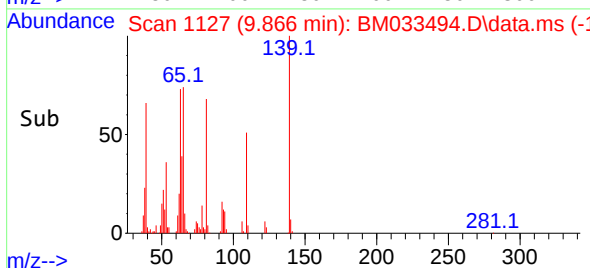
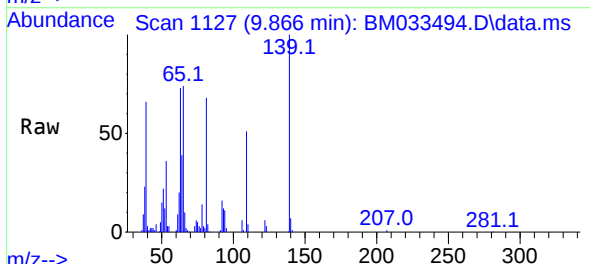
Manual Integrations
APPROVED

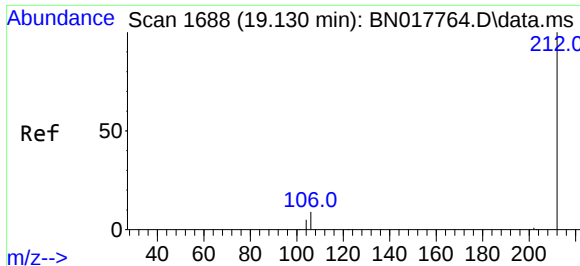
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#26
2-Nitrophenol
Concen: 45.350 ng
RT: 9.866 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

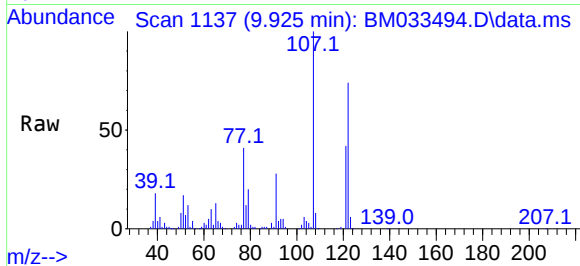
Tgt Ion:139 Resp: 61206
Ion Ratio Lower Upper
139 100
109 50.6 33.0 49.6#
65 74.0 57.2 85.8





#27
2,4-Dimethylphenol
Concen: 49.762 ng
RT: 9.925 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

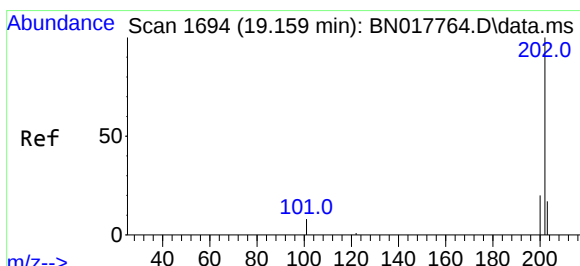
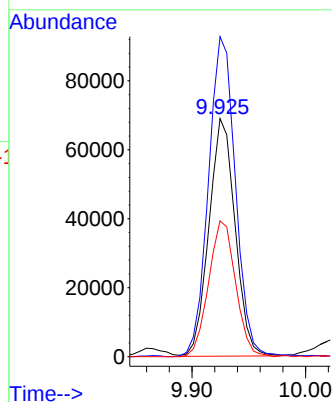
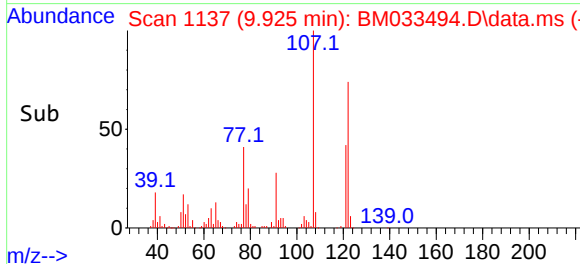
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



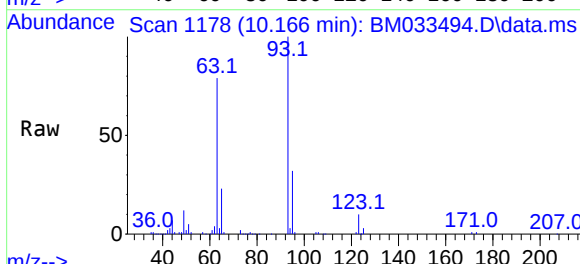
Tgt Ion:122 Resp: 110379
Ion Ratio Lower Upper
122 100
107 134.4 105.3 157.9
121 57.1 49.7 74.5

Manual Integrations
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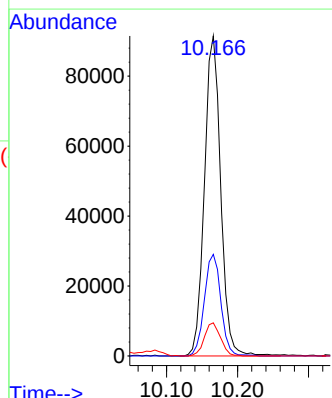
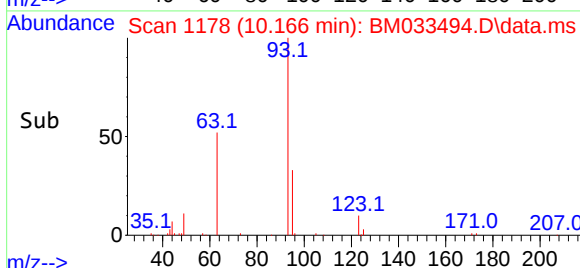
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

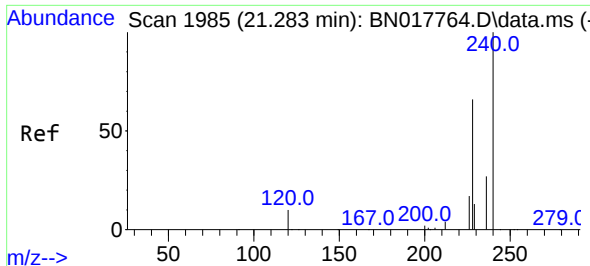


#28
bis(2-Chloroethoxy)methane
Concen: 41.755 ng
RT: 10.166 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



Tgt Ion: 93 Resp: 146071
Ion Ratio Lower Upper
93 100
95 31.8 26.8 40.2
123 10.4 8.0 12.0





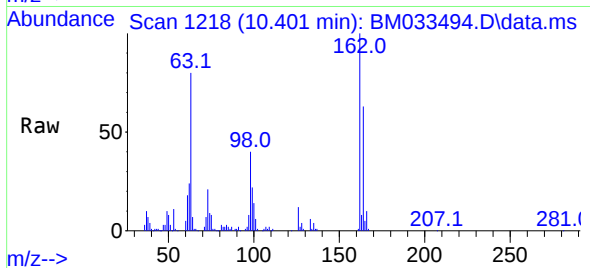
#29
2,4-Dichlorophenol
Concen: 44.595 ng
RT: 10.401 min Scan# 112820
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :

BNA_M

ClientSampleId :

PB141485BSD

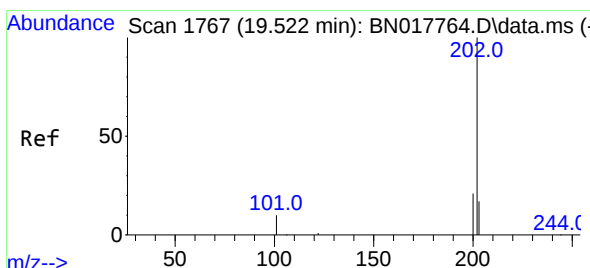
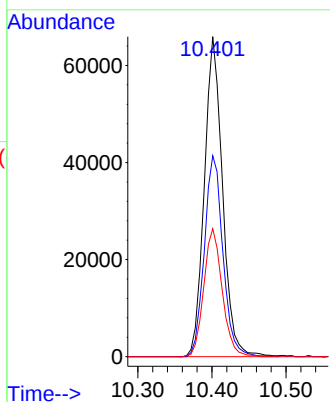
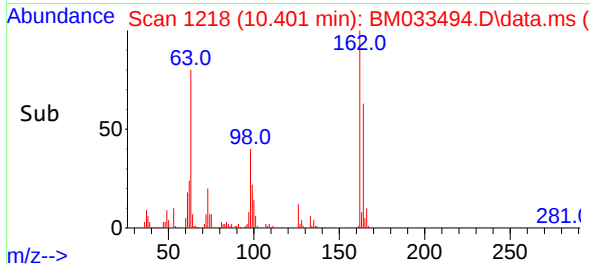


Tgt Ion:162 Resp: 112820
Ion Ratio Lower Upper
162 100
164 62.8 44.4 84.4
98 40.0 19.6 59.6

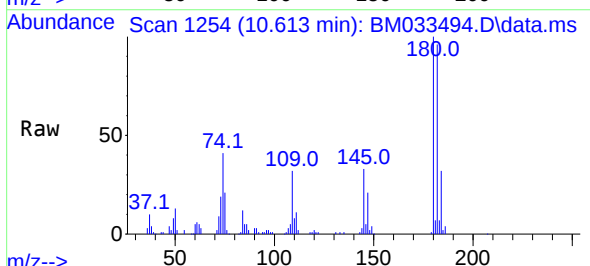
Manual Integrations

APPROVED

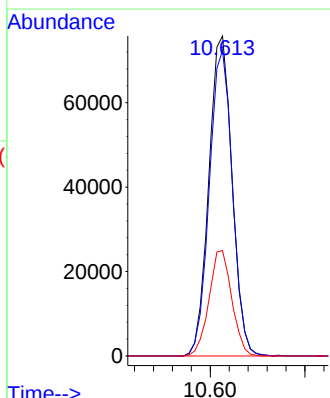
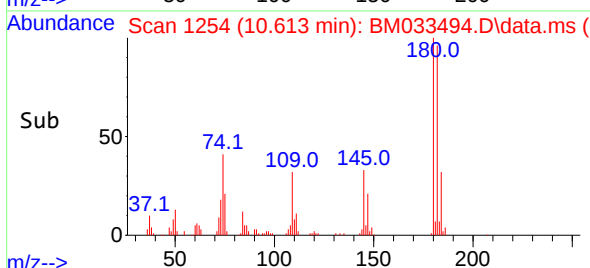
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

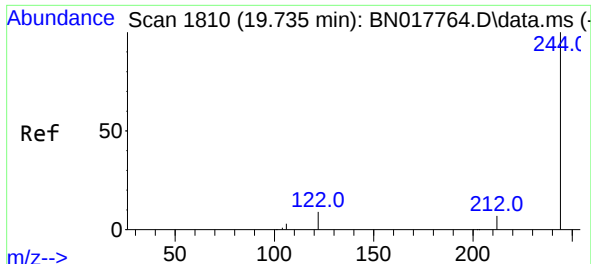


#30
1,2,4-Trichlorobenzene
Concen: 40.243 ng
RT: 10.613 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



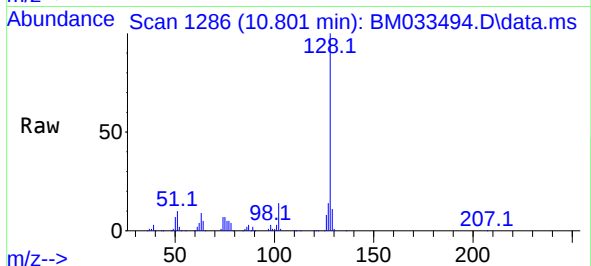
Tgt Ion:180 Resp: 129094
Ion Ratio Lower Upper
180 100
182 95.5 77.8 116.8
145 33.0 26.0 39.0





#31
Naphthalene
Concen: 41.245 ng
RT: 10.801 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

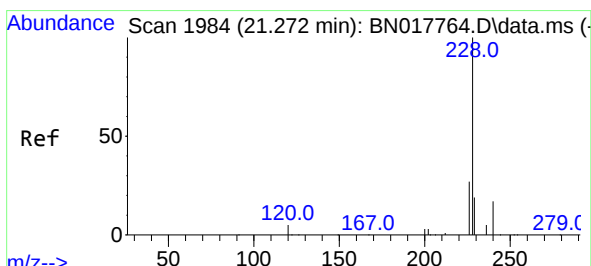
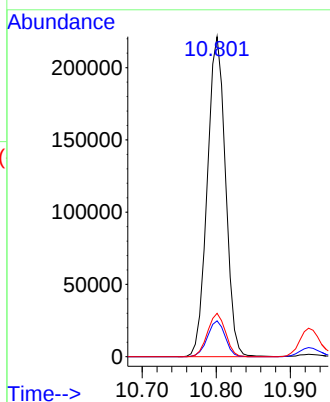
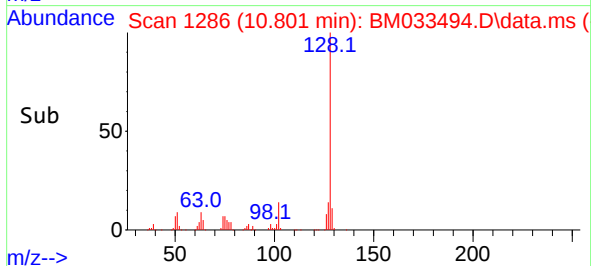
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



Tgt Ion:128 Resp: 377389
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.5 10.8 16.2

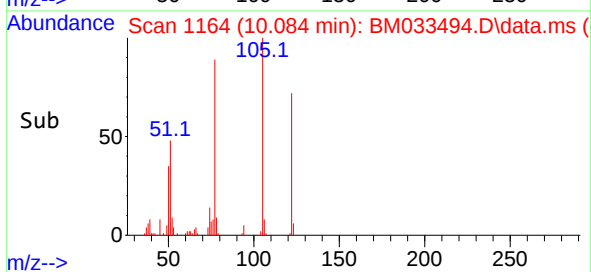
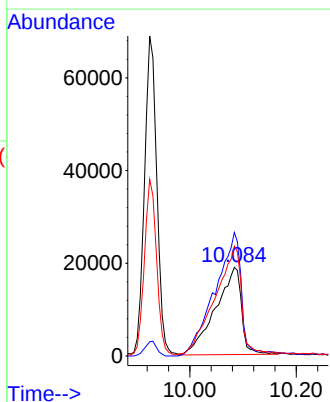
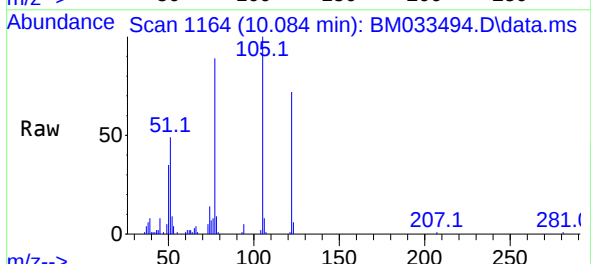
Manual Integrations
APPROVED

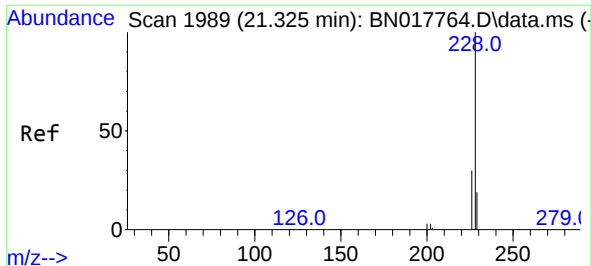
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#32
Benzoic acid
Concen: 41.557 ng
RT: 10.084 min Scan# 1164
Delta R.T. 0.018 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

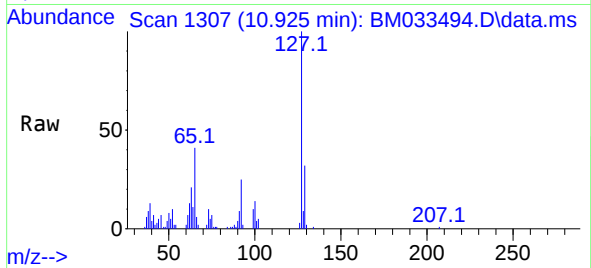
Tgt Ion:122 Resp: 63628
Ion Ratio Lower Upper
122 100
105 139.2 119.6 159.6
77 123.7 101.0 141.0





#33
4-Chloroaniline
Concen: 13.608 ng
RT: 10.925 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

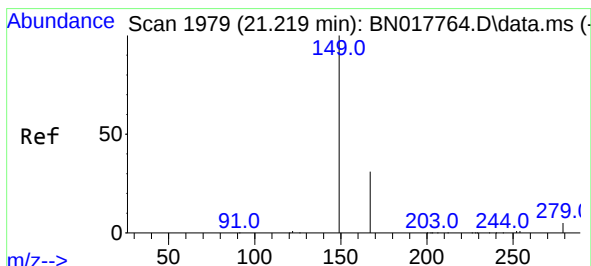
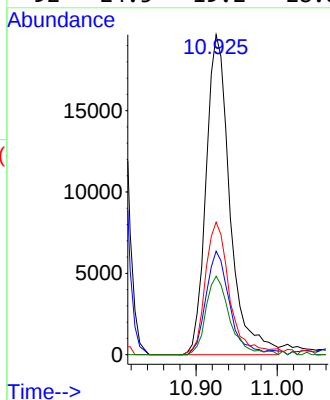
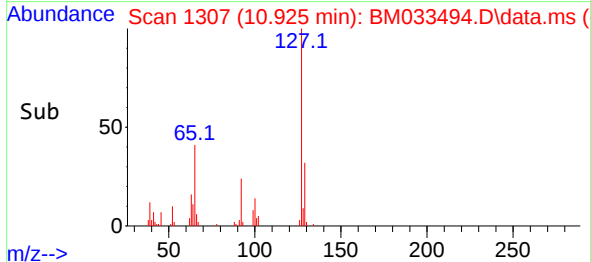
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



Tgt Ion:	127	Resp:	4028
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.2	39.4
65	41.4	33.0	49.6
92	24.5	19.2	28.8

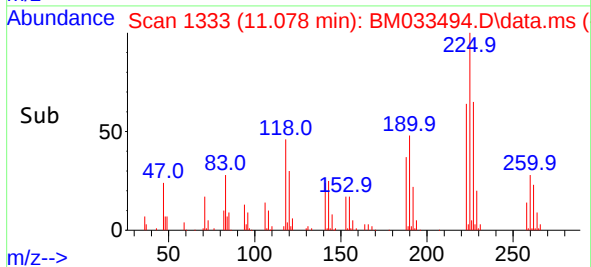
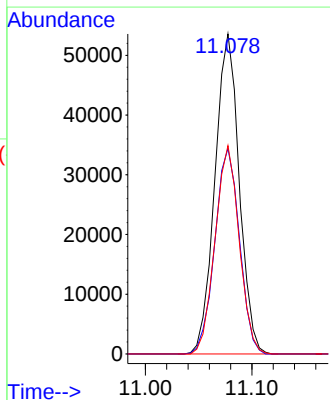
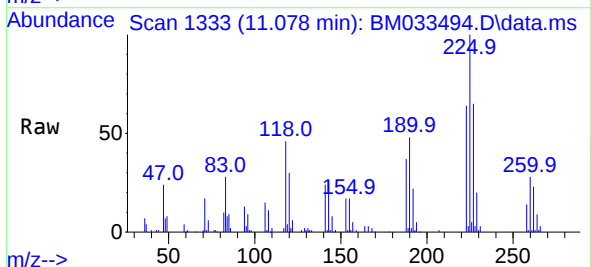
Manual Integrations
APPROVED

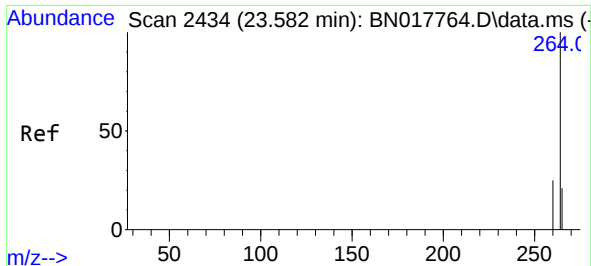
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#34
Hexachlorobutadiene
Concen: 37.957 ng
RT: 11.078 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

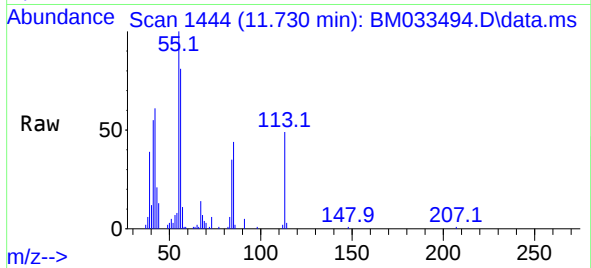
Tgt Ion:	225	Resp:	84893
Ion Ratio	Lower	Upper	
225	100		
223	64.3	52.5	78.7
227	65.1	52.7	79.1





#35
Caprolactam
Concen: 60.316 ng
RT: 11.730 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

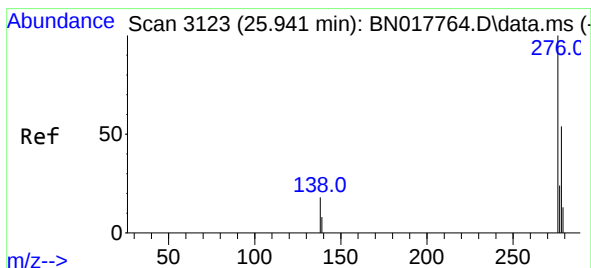
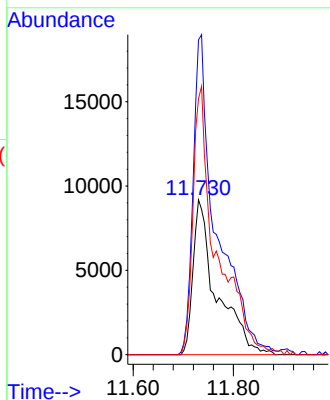
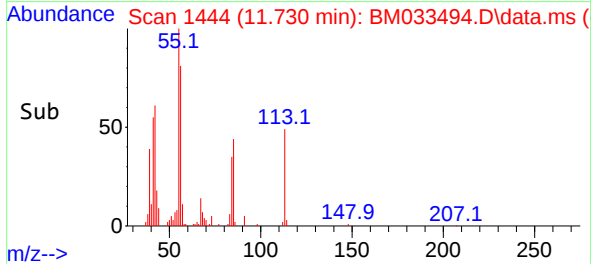
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



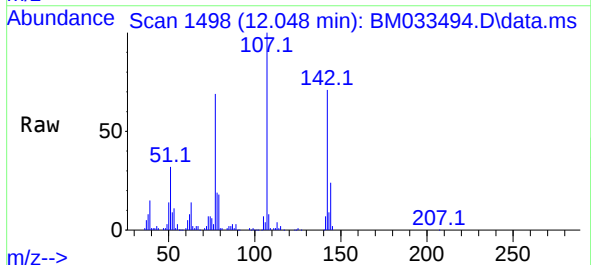
Tgt Ion:113 Resp: 30145
Ion Ratio Lower Upper
113 100
55 203.2 183.6 223.6
56 165.2 143.7 183.7

Manual Integrations
APPROVED

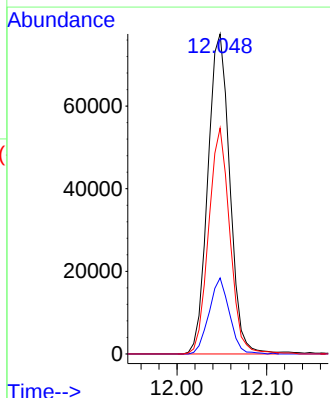
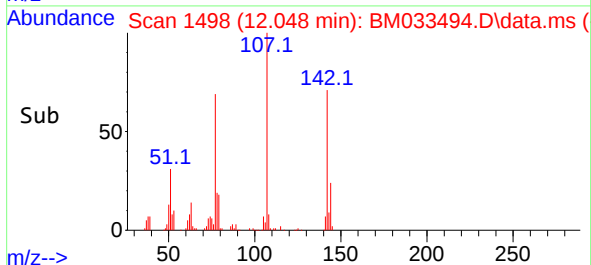
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

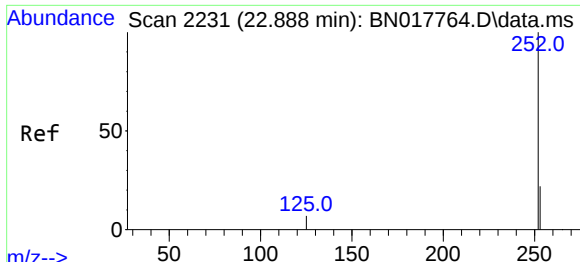


#36
4-Chloro-3-methylphenol
Concen: 40.416 ng
RT: 12.048 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



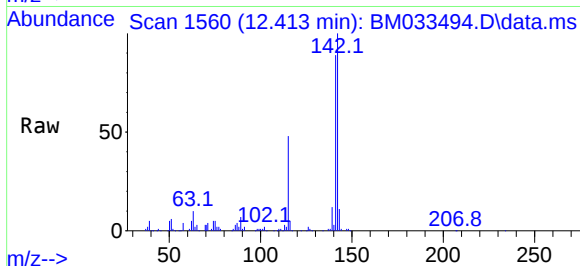
Tgt Ion:107 Resp: 131236
Ion Ratio Lower Upper
107 100
144 23.8 18.6 27.8
142 70.6 56.9 85.3





#37
2-Methylnaphthalene
Concen: 43.293 ng
RT: 12.413 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

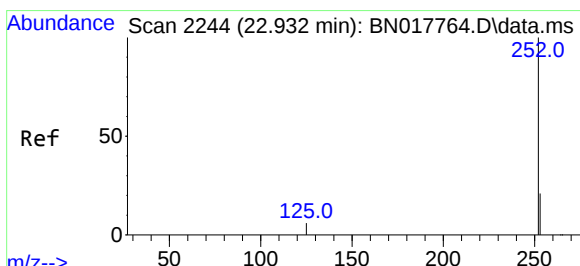
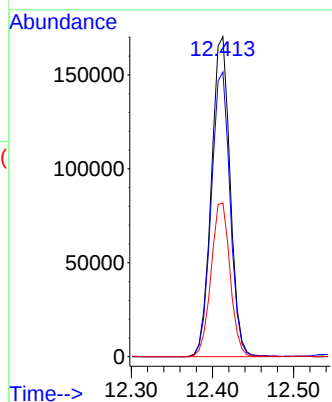
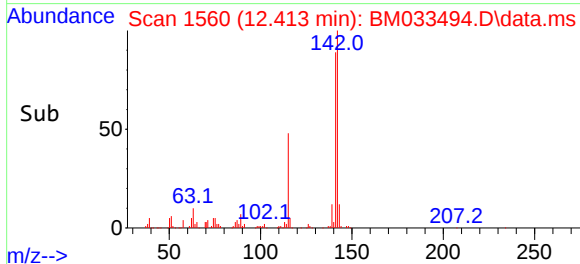
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



Tgt Ion:142 Resp: 274023
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.2
115 48.1 33.0 49.6

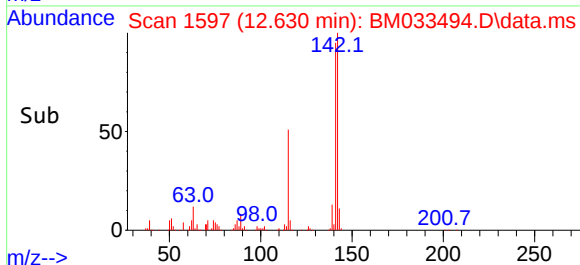
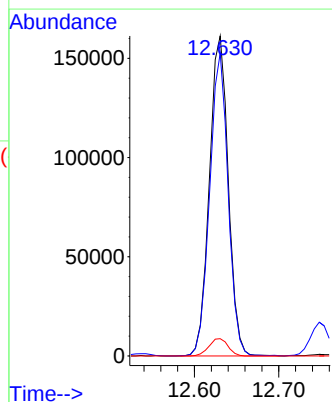
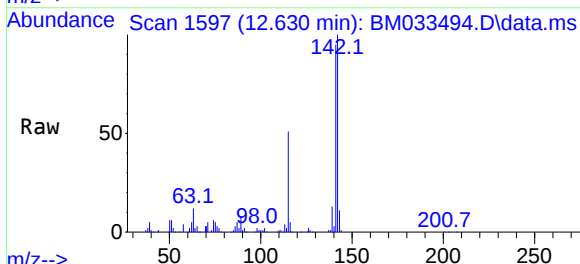
Manual Integrations
APPROVED

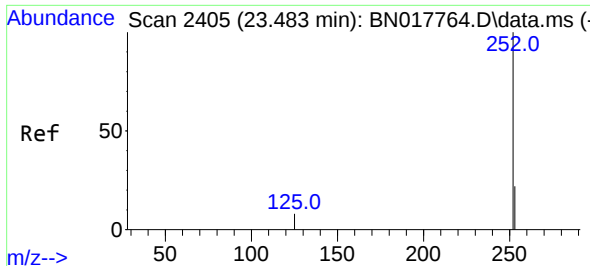
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#38
1-Methylnaphthalene
Concen: 39.922 ng m
RT: 12.630 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Tgt Ion:142 Resp: 252047
Ion Ratio Lower Upper
142 100
141 94.6 75.0 112.4
116 5.4 3.5 5.3#





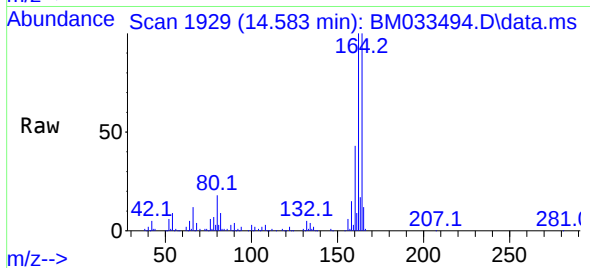
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :

BNA_M

ClientSampleId :

PB141485BSD

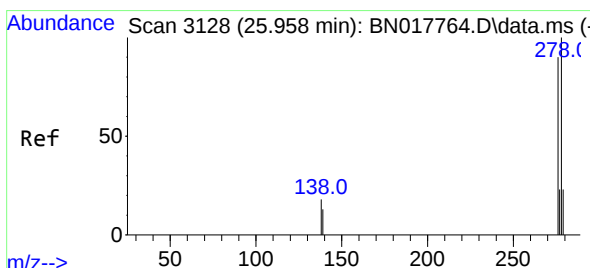
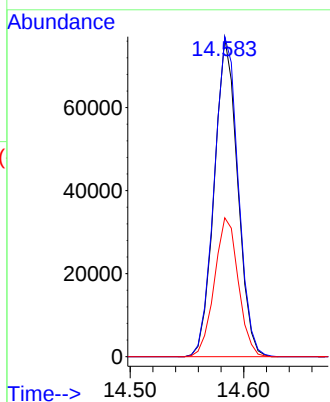
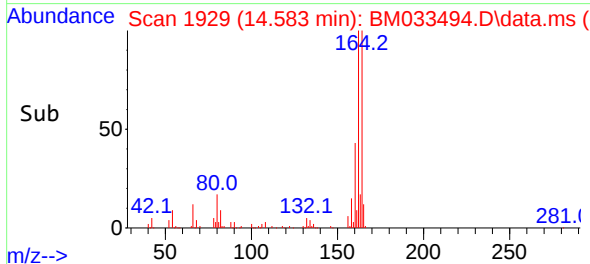


Tgt Ion:164 Resp: 109569
Ion Ratio Lower Upper
164 100
162 100.3 79.7 119.5
160 43.5 34.2 51.4

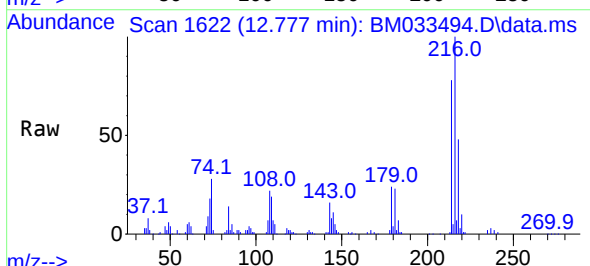
Manual Integrations

APPROVED

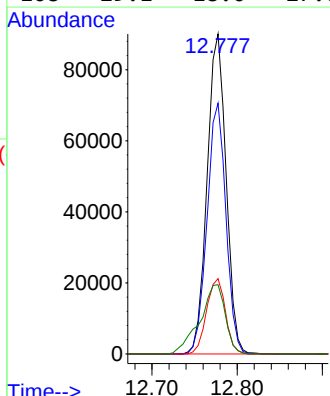
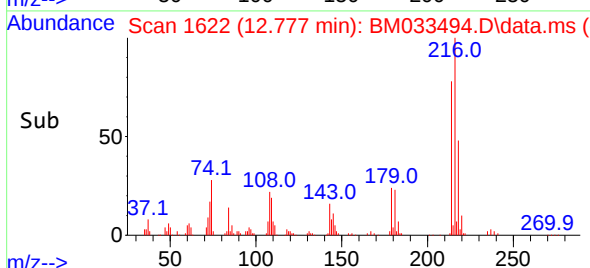
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

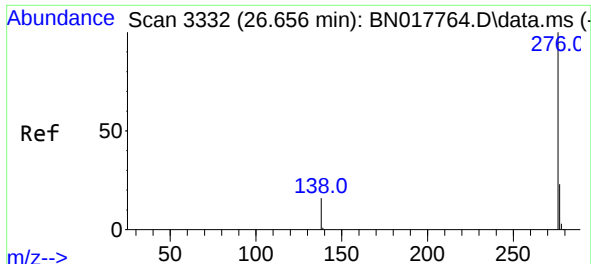


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.221 ng
RT: 12.777 min Scan# 1622
Delta R.T. -0.001 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



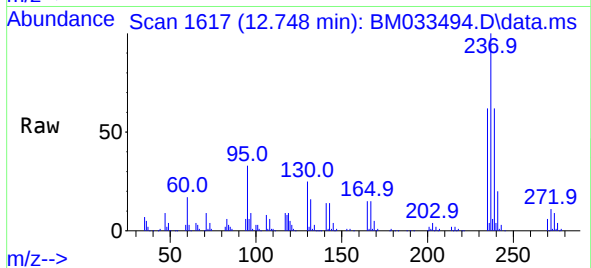
Tgt Ion:216 Resp: 139577
Ion Ratio Lower Upper
216 100
214 78.1 62.6 93.8
179 23.5 18.2 27.2
108 29.1 18.0 27.0#





#41
Hexachlorocyclopentadiene
Concen: 129.965 ng
RT: 12.748 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

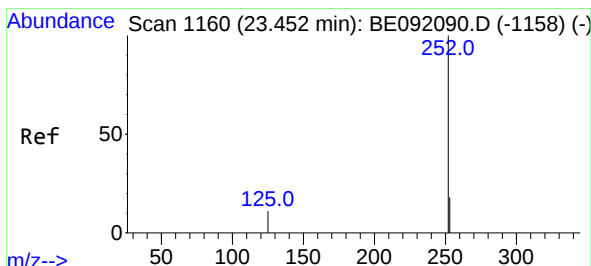
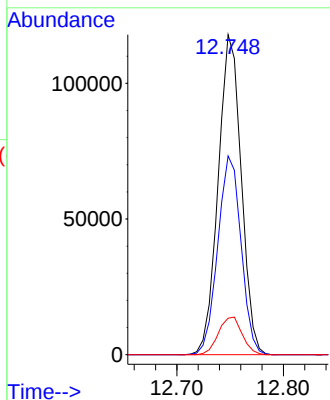
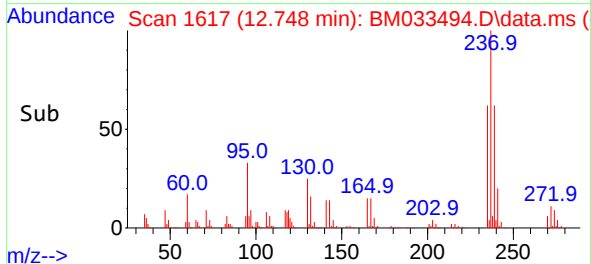
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



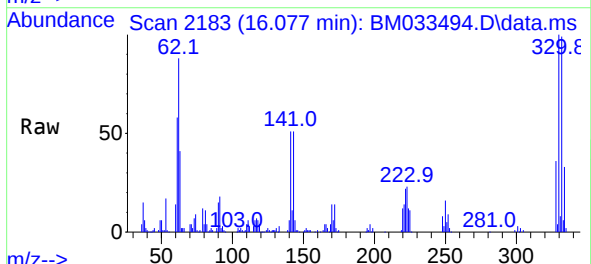
Tgt Ion:237 Resp: 177398
Ion Ratio Lower Upper
237 100
235 62.1 41.7 81.7
272 11.4 0.0 32.5

Manual Integrations
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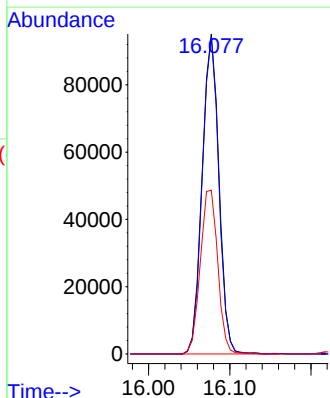
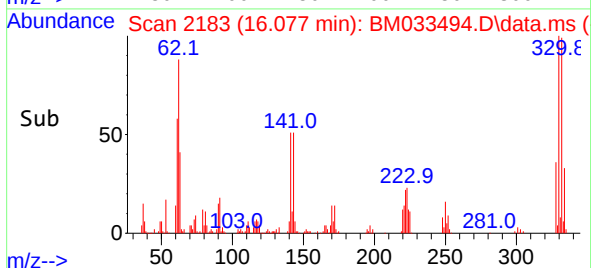
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

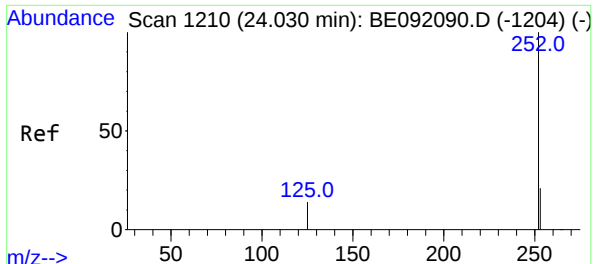


#42
2,4,6-Tribromophenol
Concen: 110.976 ng
RT: 16.077 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



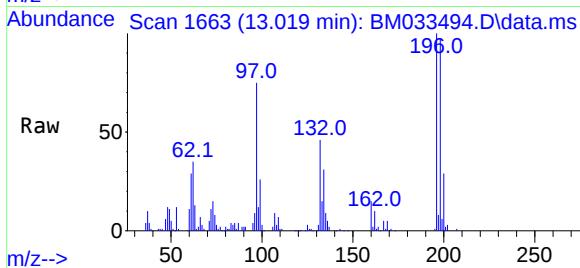
Tgt Ion:330 Resp: 136781
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 53.1 35.9 53.9





#43
2,4,6-Trichlorophenol
Concen: 43.556 ng
RT: 13.019 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

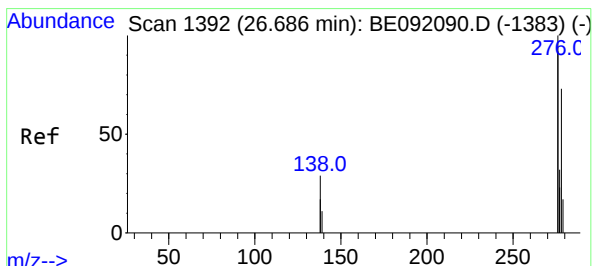
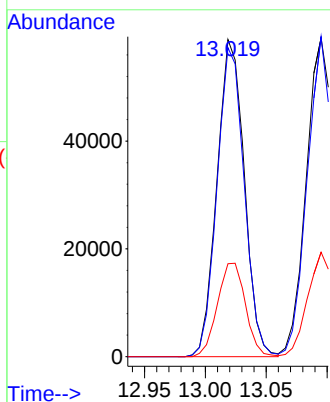
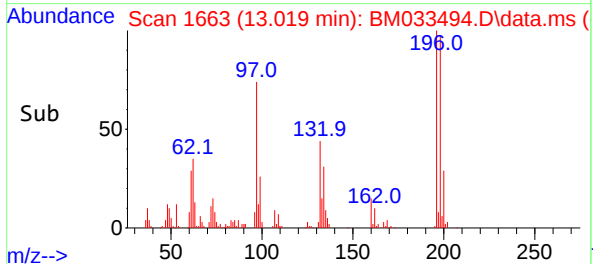
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



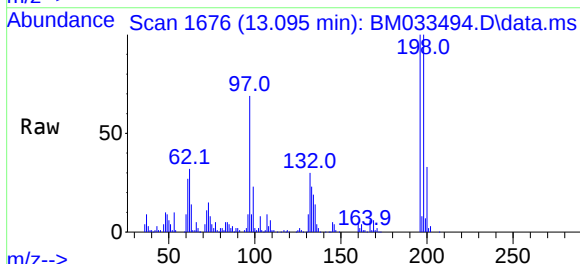
Tgt Ion:196 Resp: 91930
Ion Ratio Lower Upper
196 100
198 97.4 75.1 112.7
200 29.3 24.0 36.0

Manual Integrations
APPROVED

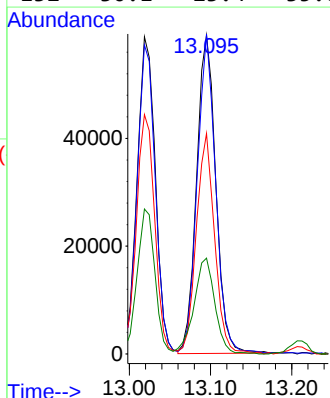
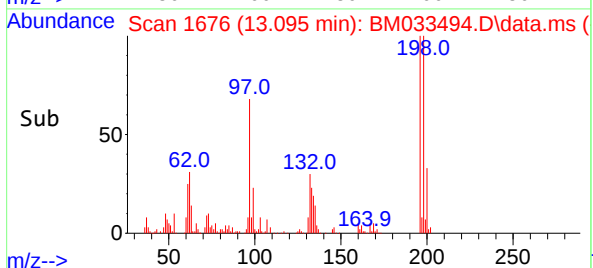
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

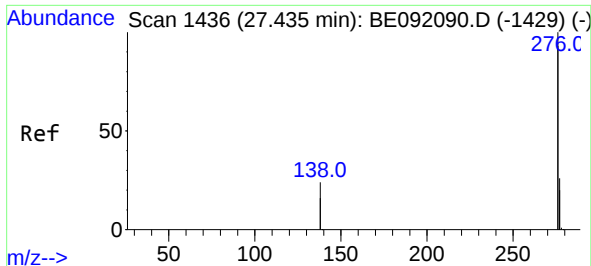


#44
2,4,5-Trichlorophenol
Concen: 43.228 ng
RT: 13.095 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



Tgt Ion:196 Resp: 97367
Ion Ratio Lower Upper
196 100
198 100.4 77.8 116.6
97 69.1 49.7 74.5
132 30.1 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 81.502 ng
RT: 13.207 min Scan# 172
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :

BNA_M

ClientSampleId :

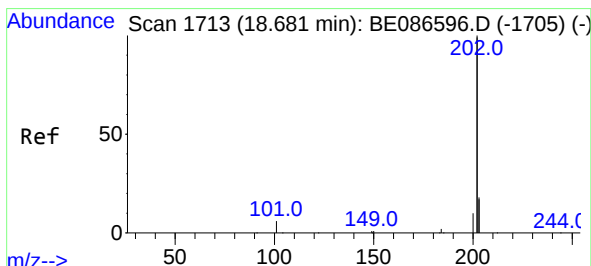
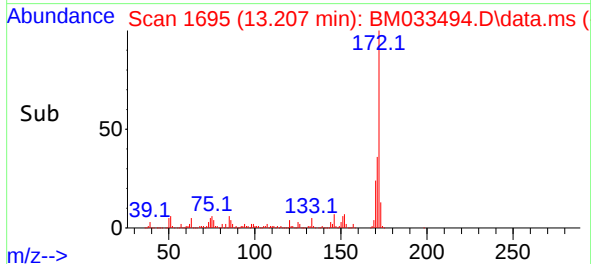
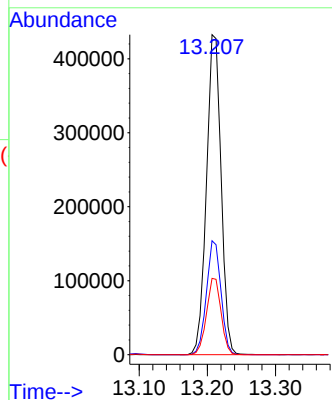
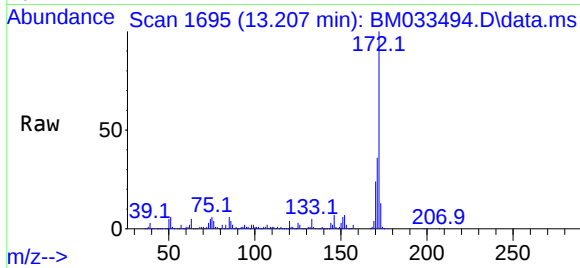
PB141485BSD

Tgt Ion:172 Resp: 645560
Ion Ratio Lower Upper
172 100
171 35.6 27.2 40.8
170 23.8 18.7 28.1

Manual Integrations

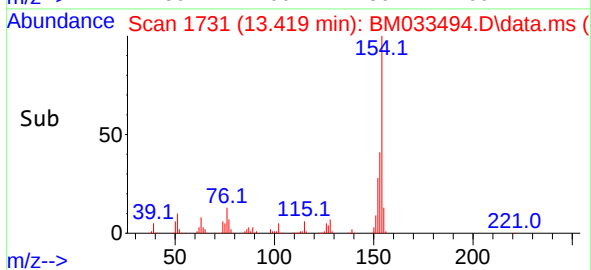
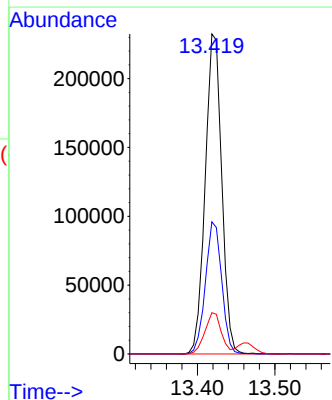
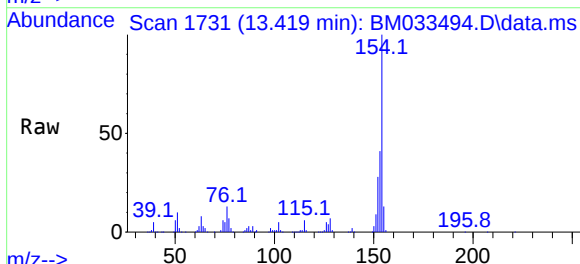
APPROVED

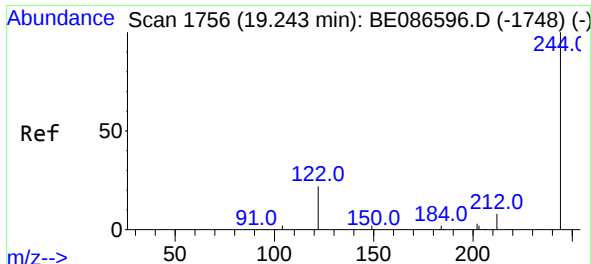
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#46
1,1'-Biphenyl
Concen: 42.425 ng
RT: 13.419 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

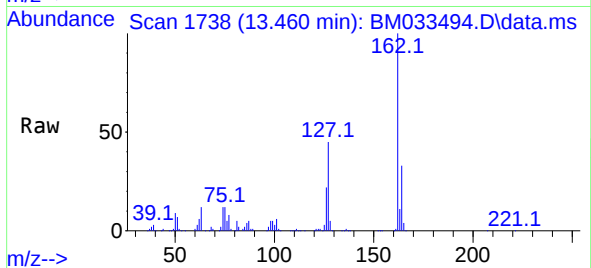
Tgt Ion:154 Resp: 344210
Ion Ratio Lower Upper
154 100
153 41.3 20.7 60.7
76 12.9 0.0 34.4





#47
2-Chloronaphthalene
Concen: 43.609 ng
RT: 13.460 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

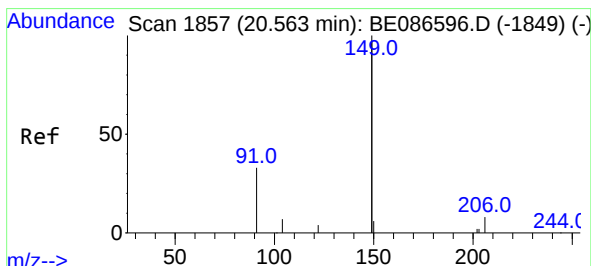
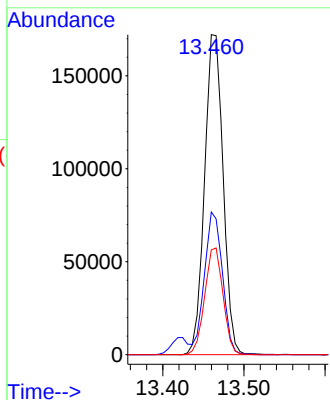
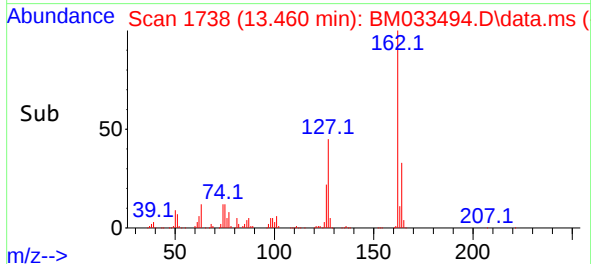
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



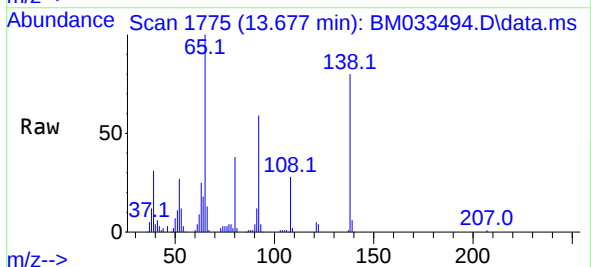
Tgt Ion:162 Resp: 273504
Ion Ratio Lower Upper
162 100
127 44.6 33.8 50.6
164 32.8 26.2 39.4

Manual Integrations
APPROVED

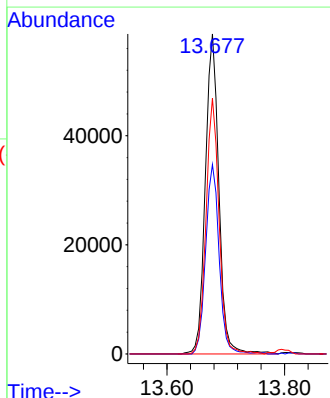
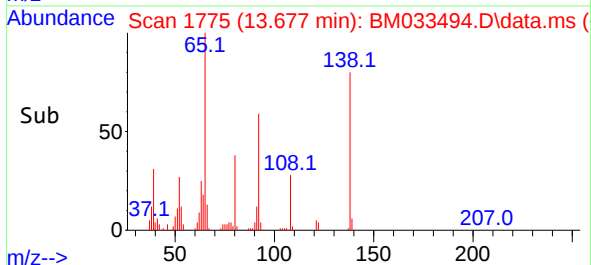
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

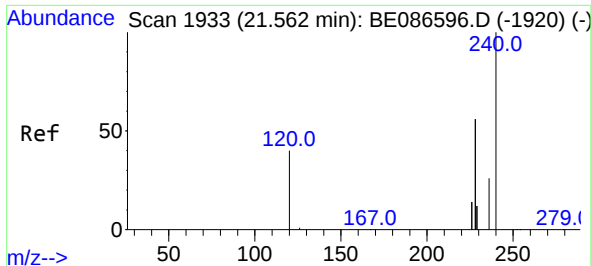


#48
2-Nitroaniline
Concen: 43.743 ng
RT: 13.677 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



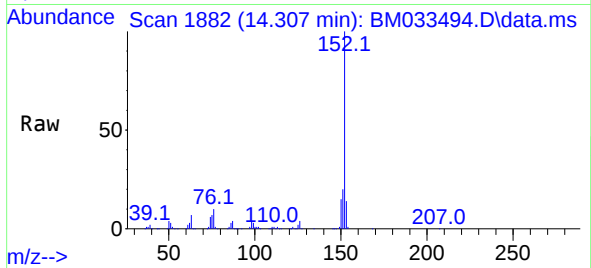
Tgt Ion: 65 Resp: 93464
Ion Ratio Lower Upper
65 100
92 59.2 50.0 75.0
138 80.0 65.7 98.5





#49
Acenaphthylene
Concen: 42.821 ng
RT: 14.307 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

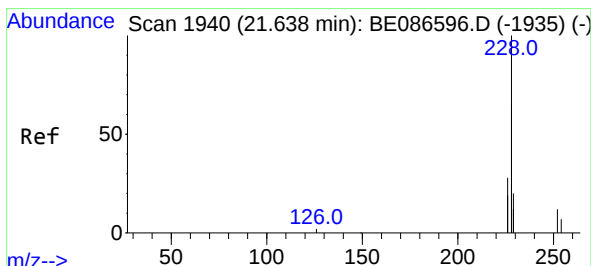
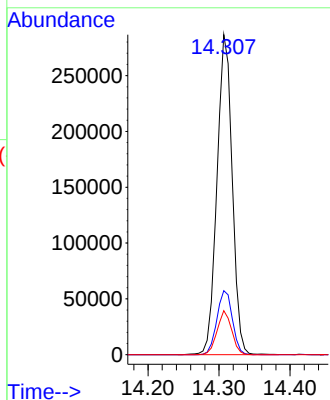
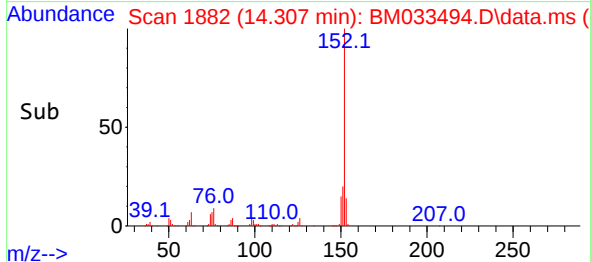
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



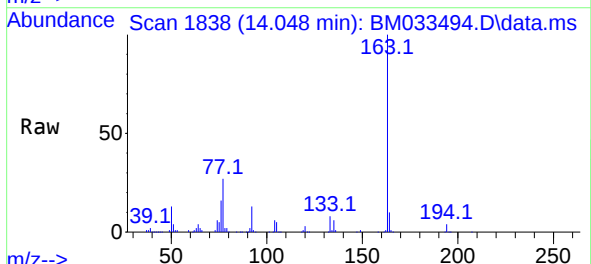
Tgt Ion:152 Resp: 42548
Ion Ratio Lower Upper
152 100
151 20.0 15.4 23.2
153 13.7 10.4 15.6

Manual Integrations
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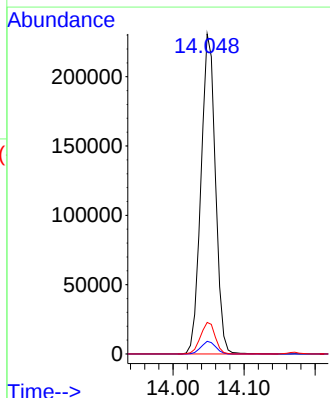
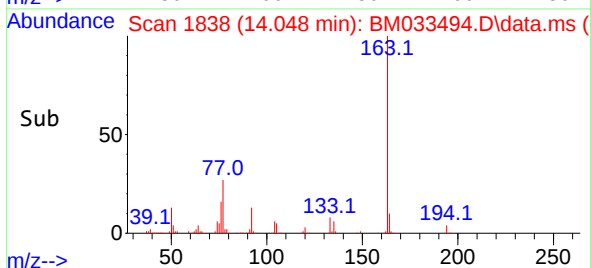
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

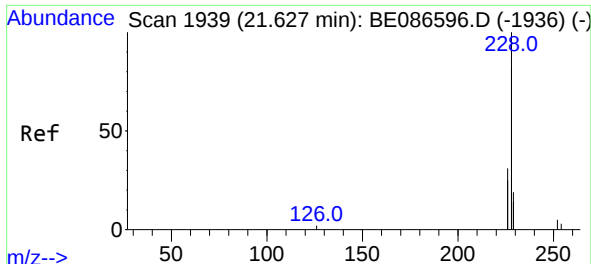


#50
Dimethylphthalate
Concen: 39.394 ng
RT: 14.048 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



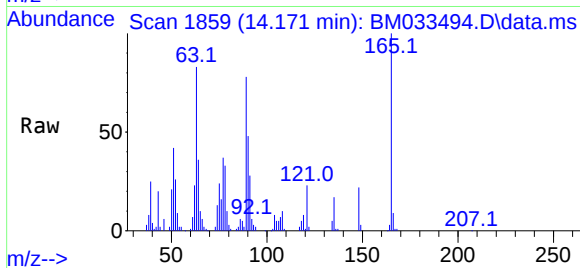
Tgt Ion:163 Resp: 326944
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.9 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 43.685 ng
RT: 14.171 min Scan# 1859
Delta R.T. -0.001 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

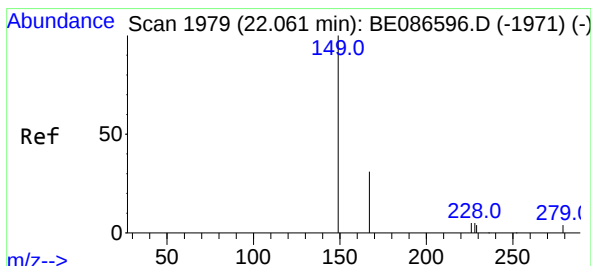
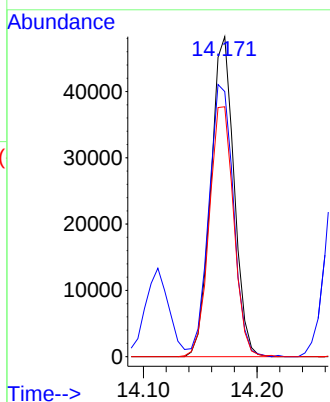
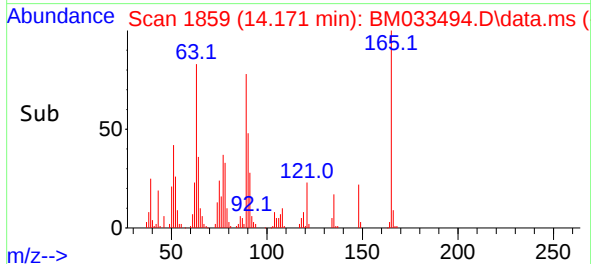
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



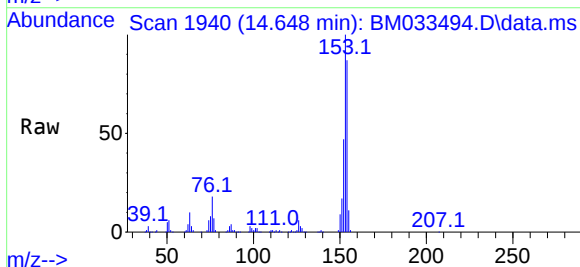
Tgt Ion:165 Resp: 6852
Ion Ratio Lower Upper
165 100
63 82.8 56.9 85.3
89 78.1 54.3 81.5

Manual Integrations
APPROVED

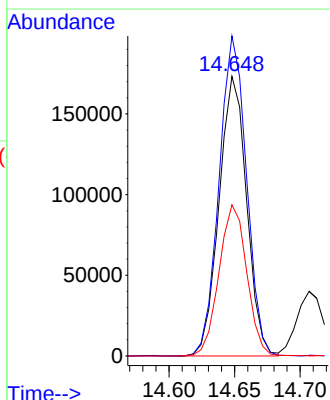
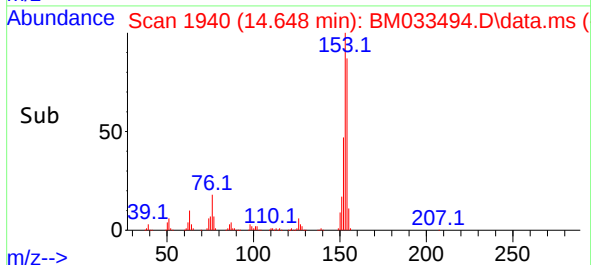
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

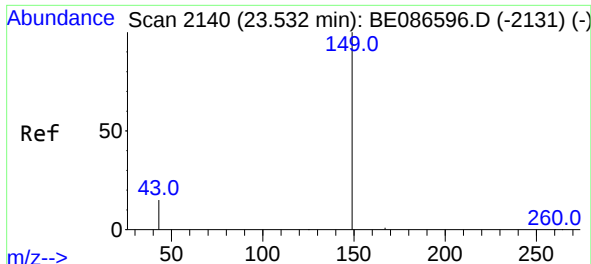


#52
Acenaphthene
Concen: 41.994 ng
RT: 14.648 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



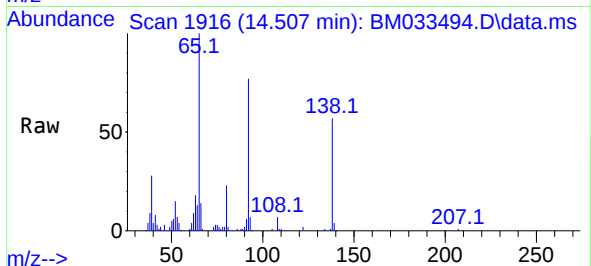
Tgt Ion:154 Resp: 253421
Ion Ratio Lower Upper
154 100
153 114.5 90.2 135.4
152 54.1 43.5 65.3





#53
3-Nitroaniline
Concen: 25.895 ng
RT: 14.507 min Scan# 1916
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

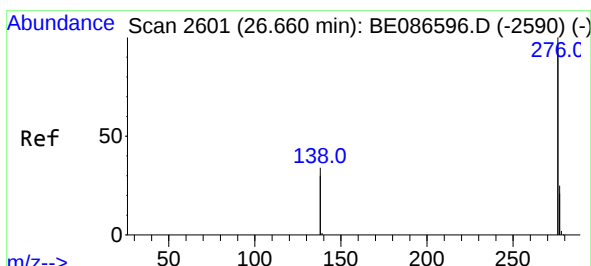
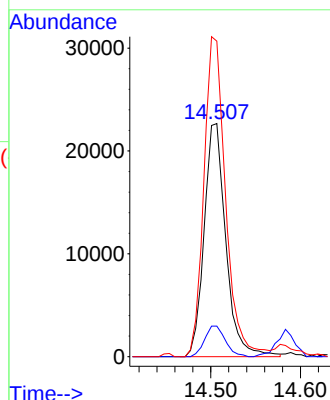
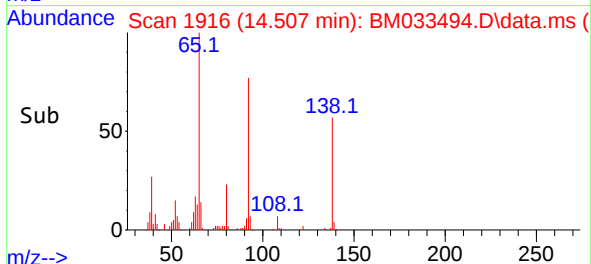
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



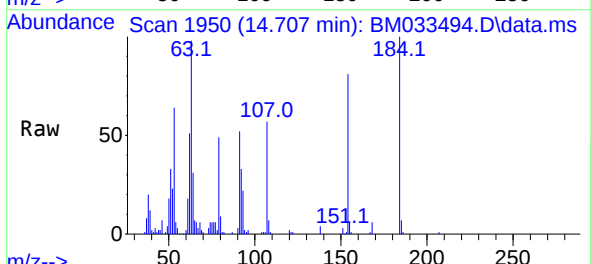
Tgt Ion:138 Resp: 3809
Ion Ratio Lower Upper
138 100
108 13.1 9.5 14.3
92 135.4 106.6 159.8

Manual Integrations
APPROVED

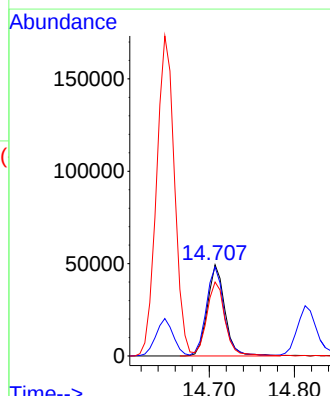
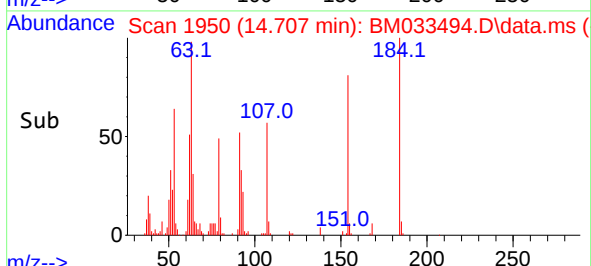
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

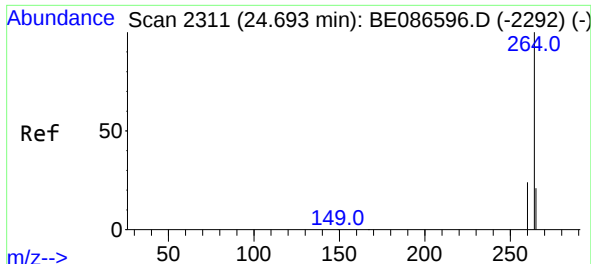


#54
2,4-Dinitrophenol
Concen: 84.507 ng
RT: 14.707 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



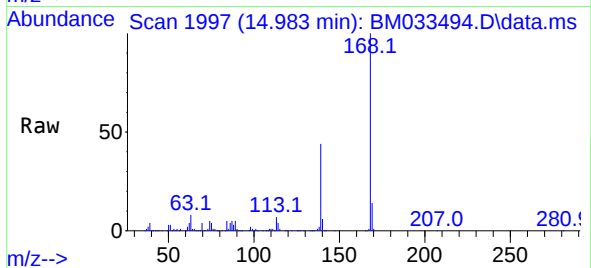
Tgt Ion:184 Resp: 70192
Ion Ratio Lower Upper
184 100
63 97.6 71.8 107.6
154 81.2 55.7 83.5





#55
Dibenzenofuran
Concen: 39.861 ng
RT: 14.983 min Scan# 1968
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

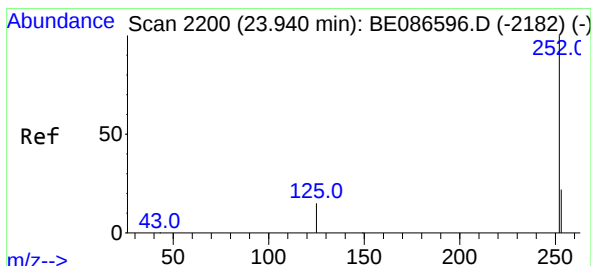
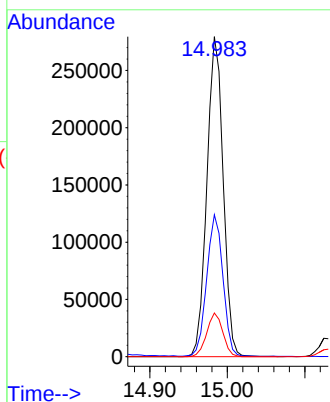
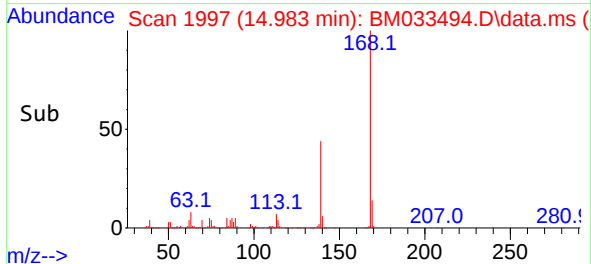
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



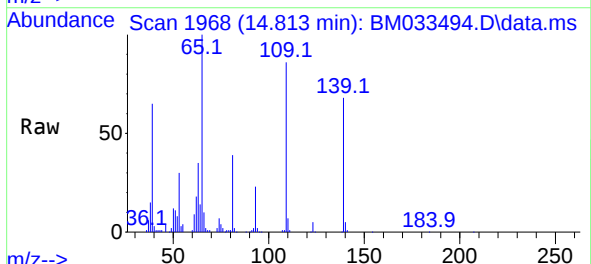
Tgt Ion:168 Resp: 407654
Ion Ratio Lower Upper
168 100
139 44.3 31.4 47.2
169 13.7 10.6 15.8

Manual Integrations
APPROVED

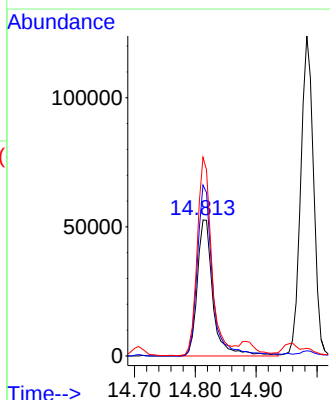
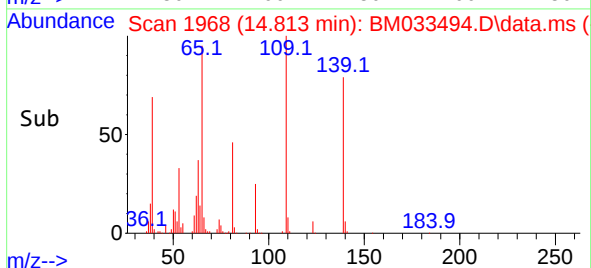
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

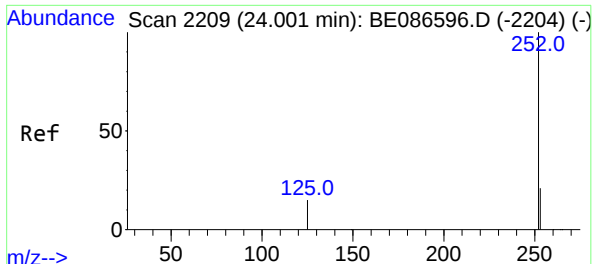


#56
4-Nitrophenol
Concen: 80.352 ng
RT: 14.813 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



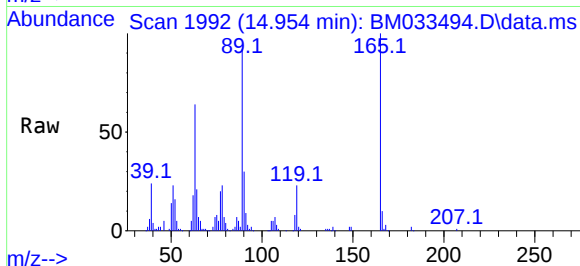
Tgt Ion:139 Resp: 94326
Ion Ratio Lower Upper
139 100
109 125.6 75.3 115.3#
65 146.1 107.4 147.4





#57
2,4-Dinitrotoluene
Concen: 43.704 ng
RT: 14.954 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

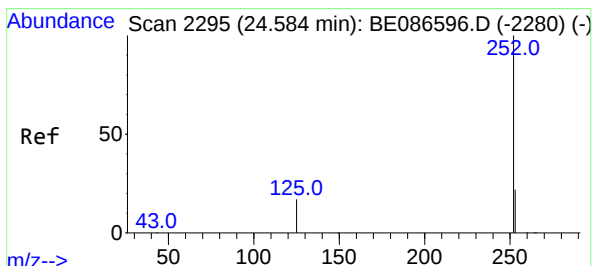
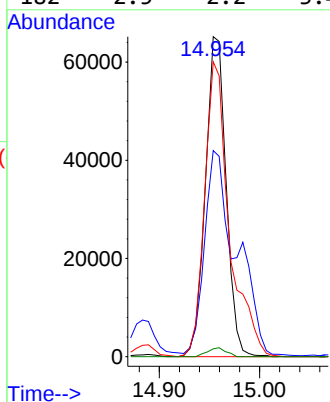
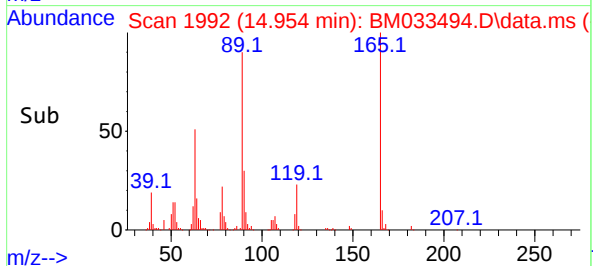
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



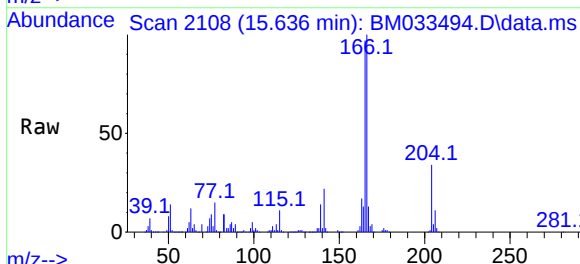
Tgt Ion:165 Resp: 93748
Ion Ratio Lower Upper
165 100
63 64.4 46.2 69.4
89 92.2 72.0 108.0
182 2.5 2.2 3.4

Manual Integrations
APPROVED

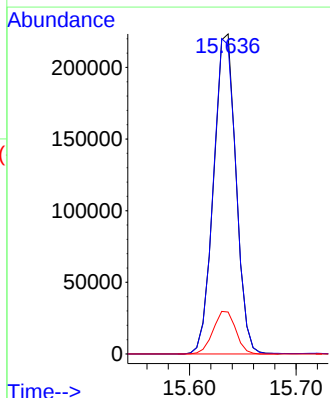
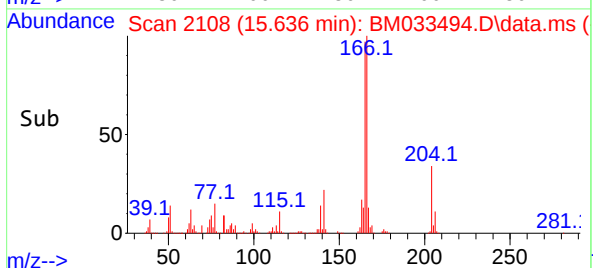
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

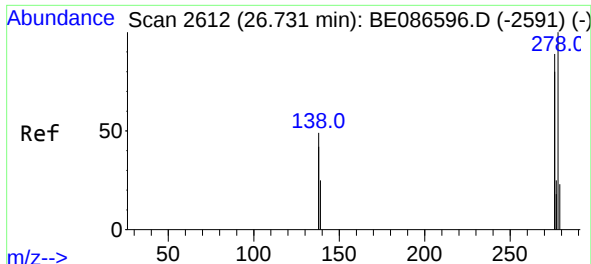


#58
Fluorene
Concen: 39.570 ng
RT: 15.636 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



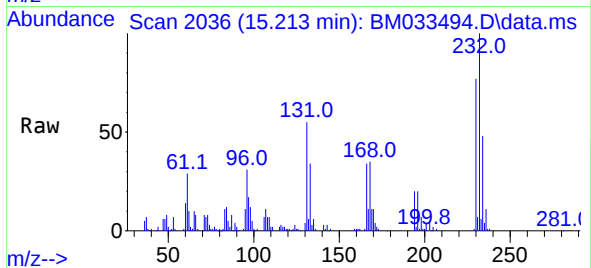
Tgt Ion:166 Resp: 324767
Ion Ratio Lower Upper
166 100
165 96.6 78.1 117.1
167 13.1 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.239 ng
RT: 15.213 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

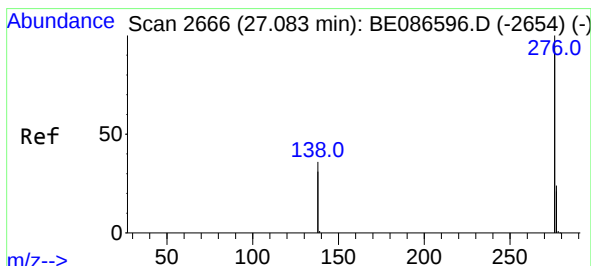
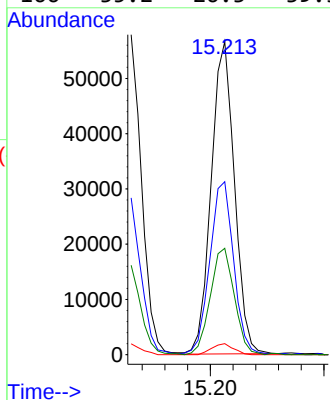
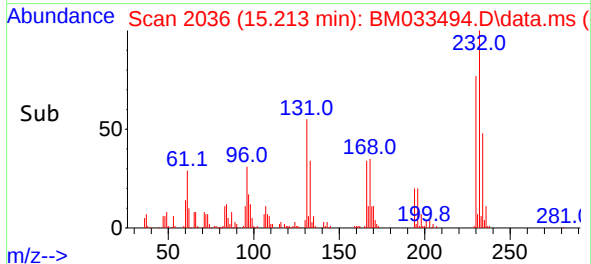
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



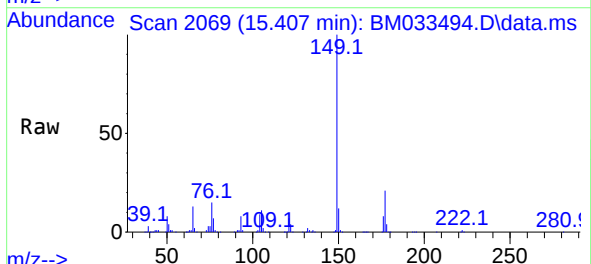
Tgt Ion:232 Resp: 8041
Ion Ratio Lower Upper
232 100
131 57.4 41.4 62.0
130 3.3 2.4 3.6
166 35.2 26.3 39.5

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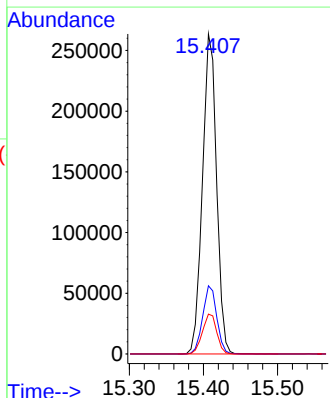
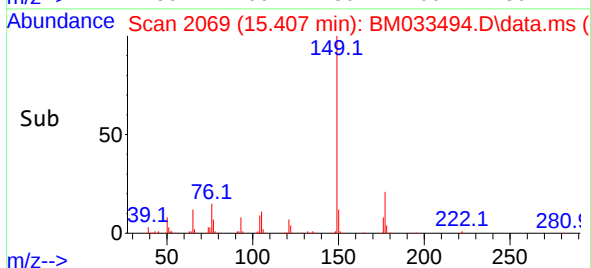
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

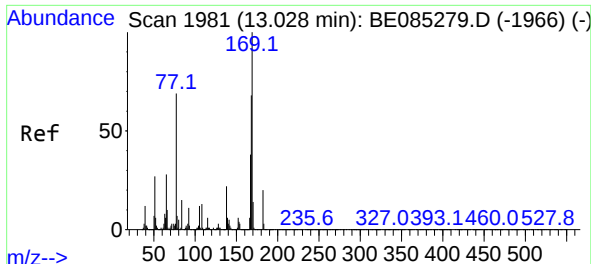


#60
Diethylphthalate
Concen: 38.977 ng
RT: 15.407 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



Tgt Ion:149 Resp: 347858
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 12.4 10.3 15.5





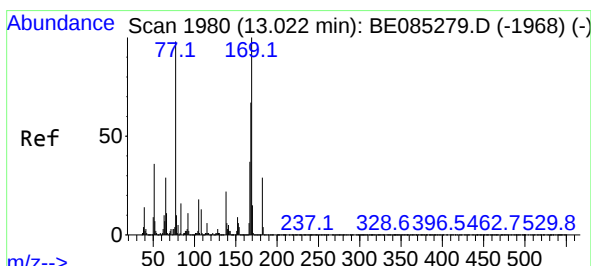
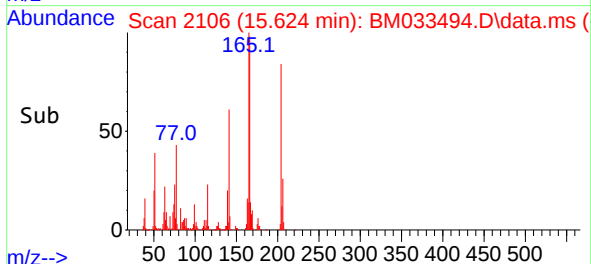
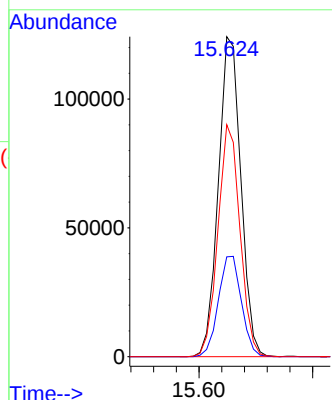
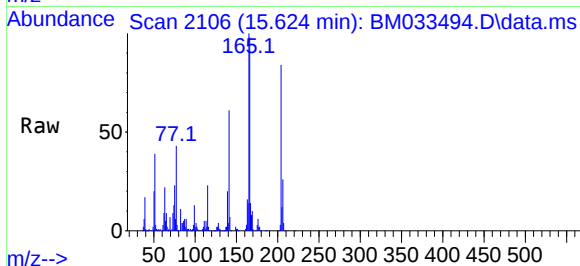
#61
4-Chlorophenyl-phenylether
Concen: 40.134 ng
RT: 15.624 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :
BNA_M
ClientSampleId :
PB141485BSD

Tgt Ion:204 Resp: 17101
Ion Ratio Lower Upper
204 100
206 31.2 25.4 38.2
141 72.5 50.6 76.0

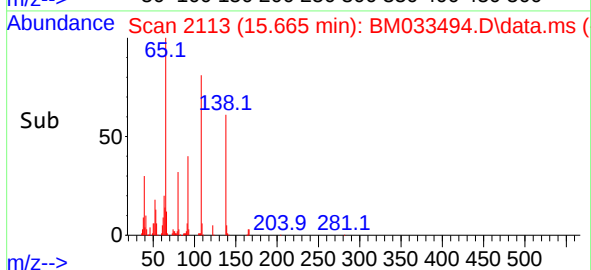
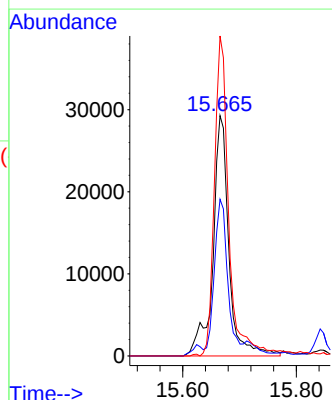
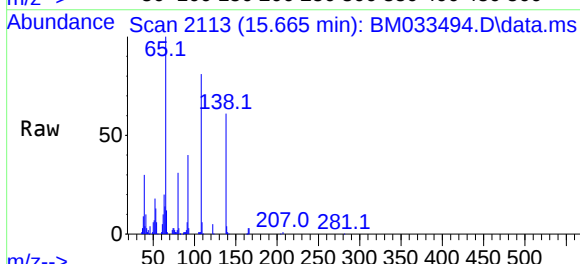
Manual Integrations
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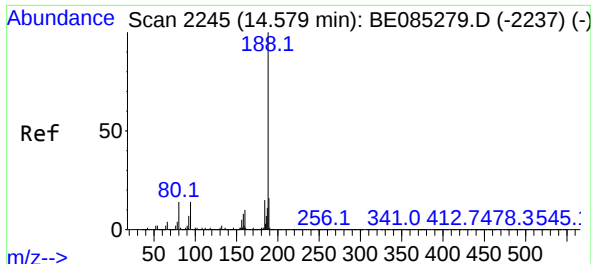
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#62
4-Nitroaniline
Concen: 37.712 ng
RT: 15.665 min Scan# 2113
Delta R.T. -0.001 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Tgt Ion:138 Resp: 56882
Ion Ratio Lower Upper
138 100
92 65.2 38.7 78.7
108 133.2 81.9 121.9





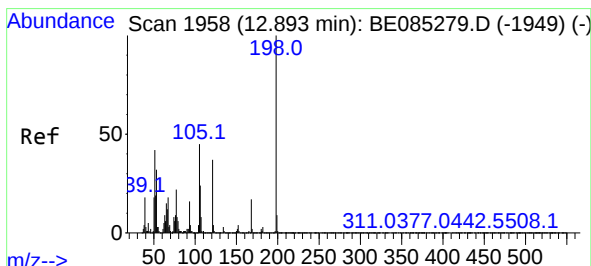
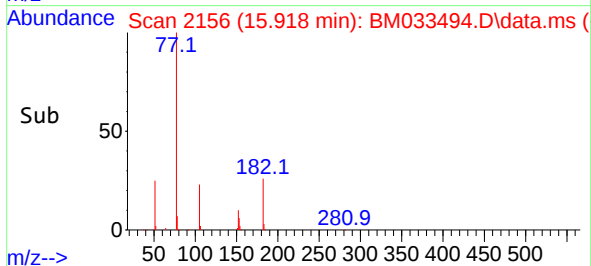
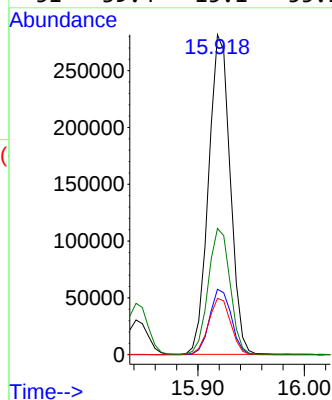
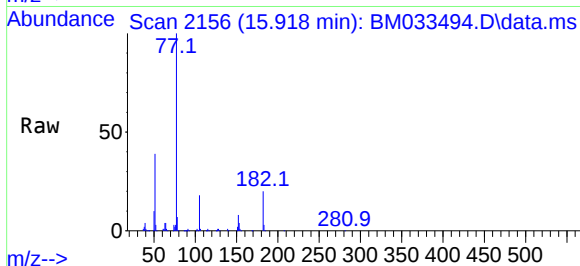
#63
Azobenzene
Concen: 39.619 ng
RT: 15.918 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :
BNA_M
ClientSampleId :
PB141485BSD

Tgt Ion: 77 Resp: 396674
Ion Ratio Lower Upper
77 100
182 20.5 0.3 40.3
105 17.6 0.0 38.3
51 39.4 15.1 55.1

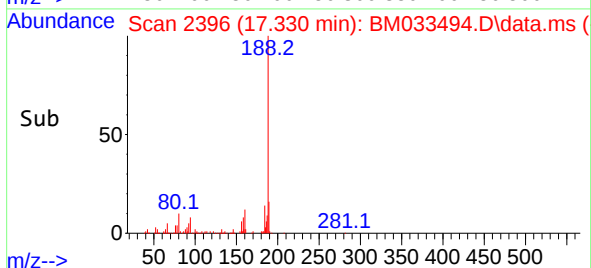
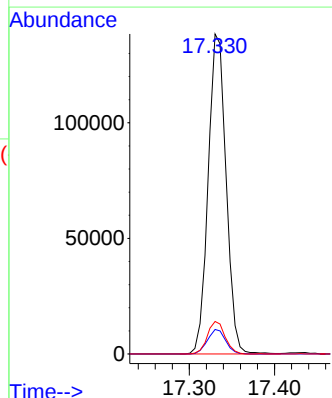
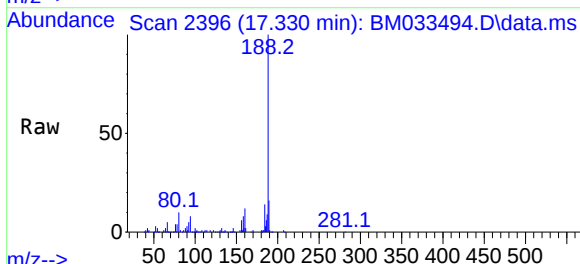
Manual Integrations
APPROVED

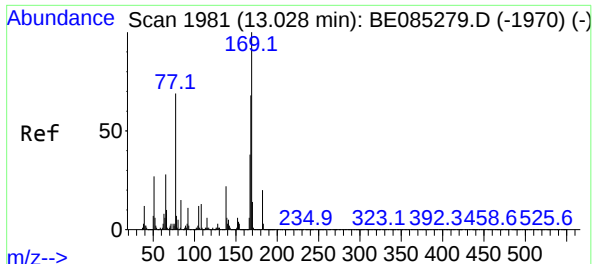
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Tgt Ion:188 Resp: 202624
Ion Ratio Lower Upper
188 100
94 7.7 7.5 11.3
80 10.1 8.9 13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 45.537 ng

RT: 15.718 min Scan# 2144

Delta R.T. -0.001 min

Lab File: BM033494.D

Acq: 16 Dec 2021 21:01

Instrument :

BNA_M

ClientSampleId :

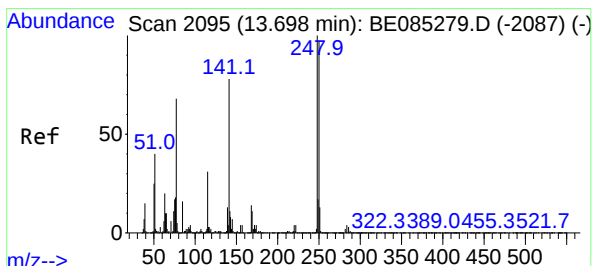
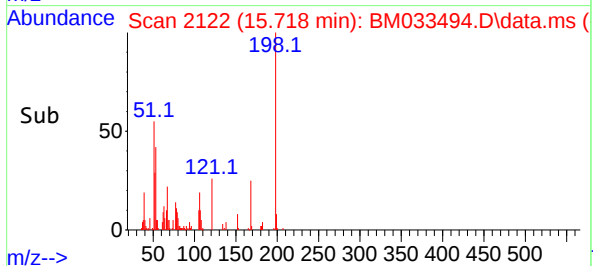
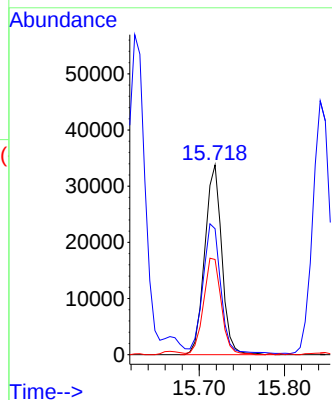
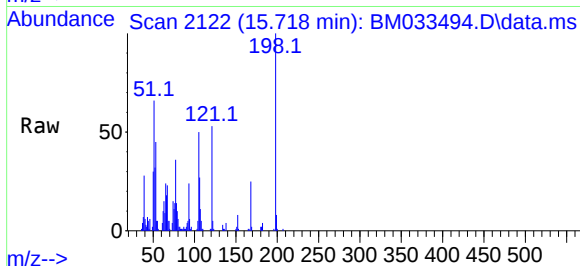
PB141485BSD

Tgt Ion:198	Resp:	46924
Ion Ratio	Lower	Upper
198	100	
51	66.4	47.9 87.9
105	50.2	32.6 72.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 12/17/2021



#66

n-Nitrosodiphenylamine

Concen: 45.865 ng

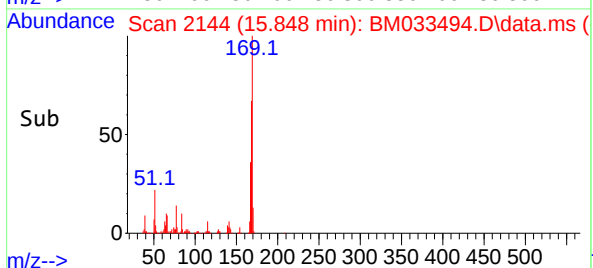
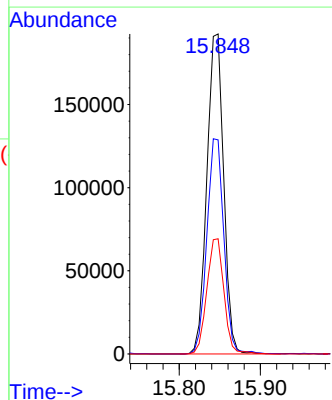
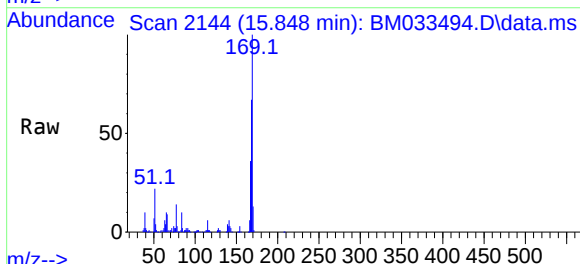
RT: 15.848 min Scan# 2144

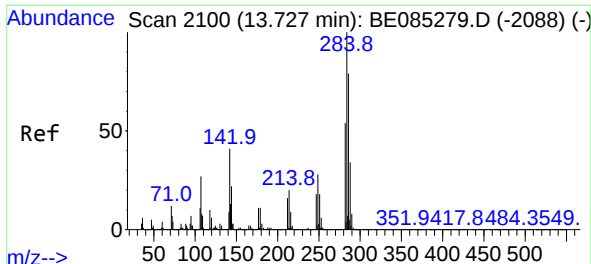
Delta R.T. -0.000 min

Lab File: BM033494.D

Acq: 16 Dec 2021 21:01

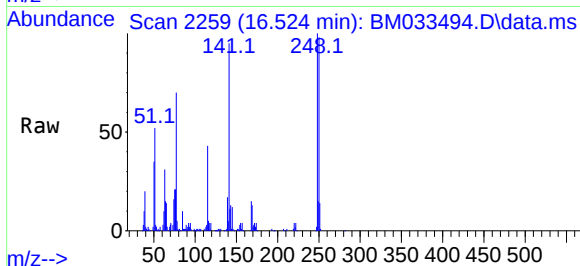
Tgt Ion:169	Resp:	275891
Ion Ratio	Lower	Upper
169	100	
168	66.9	52.5 78.7
167	36.0	28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 43.458 ng
RT: 16.524 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

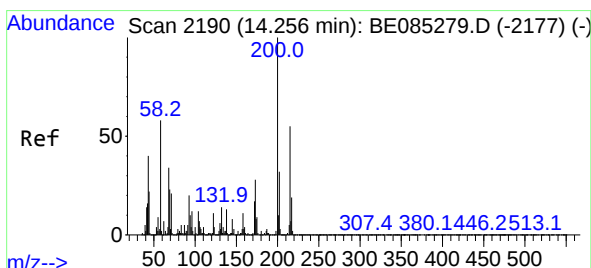
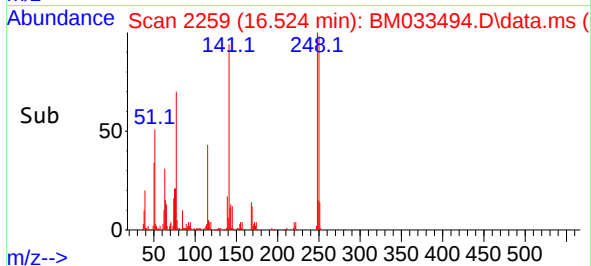
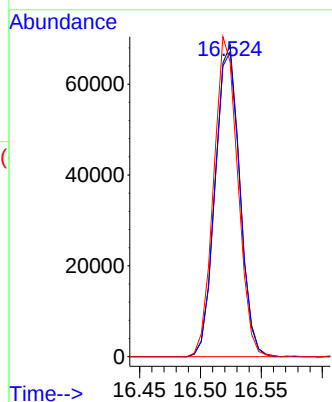
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



Tgt Ion:248 Resp: 96079
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.2
141 94.6 65.4 98.2

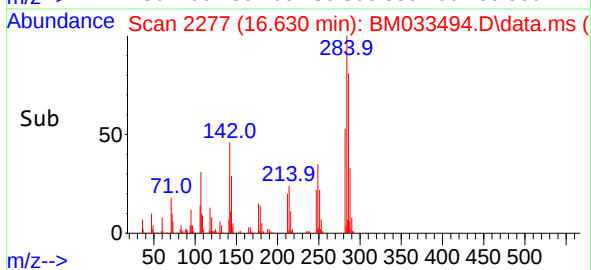
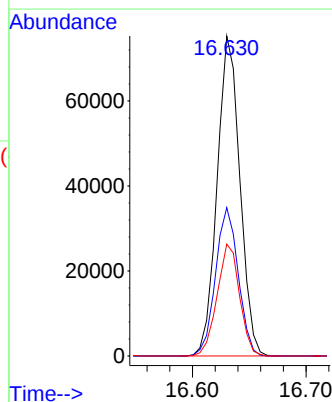
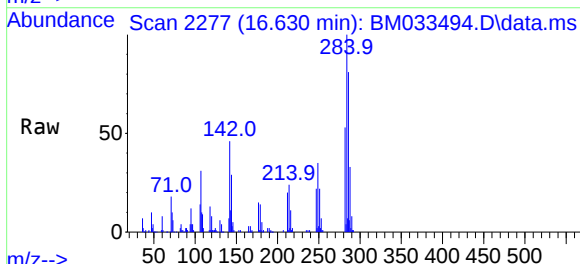
Manual Integrations
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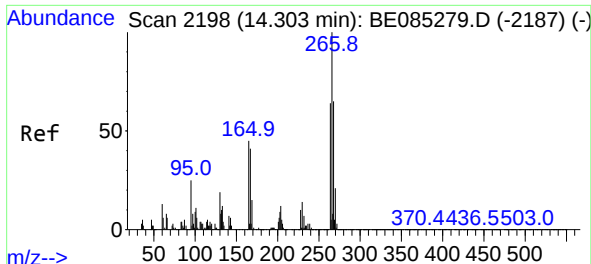
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#68
Hexachlorobenzene
Concen: 44.120 ng
RT: 16.630 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Tgt Ion:284 Resp: 104737
Ion Ratio Lower Upper
284 100
142 46.3 33.1 49.7
249 34.9 27.3 40.9





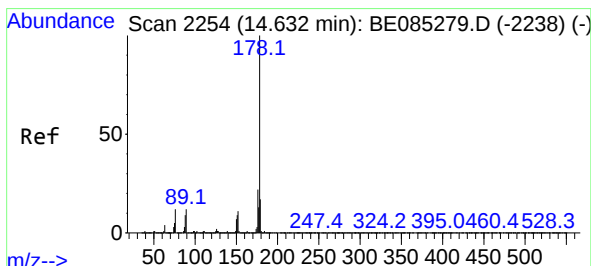
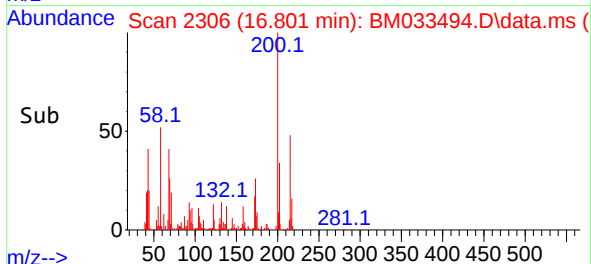
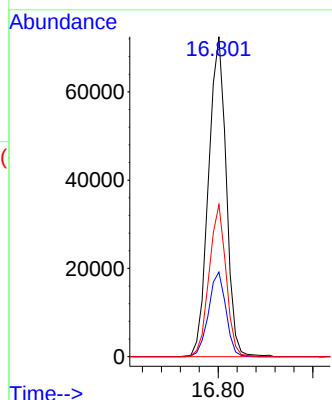
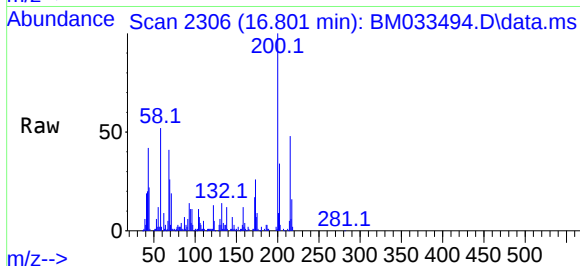
#69
Atrazine
Concen: 73.670 ng
RT: 16.801 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :
BNA_M
ClientSampleId :
PB141485BSD

Tgt Ion:200 Resp: 93954
Ion Ratio Lower Upper
200 100
173 26.5 7.3 47.3
215 47.5 25.7 65.7

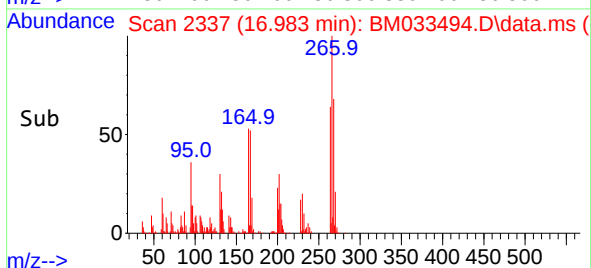
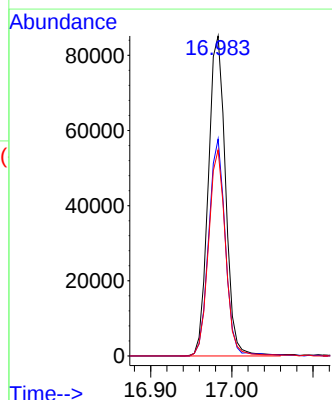
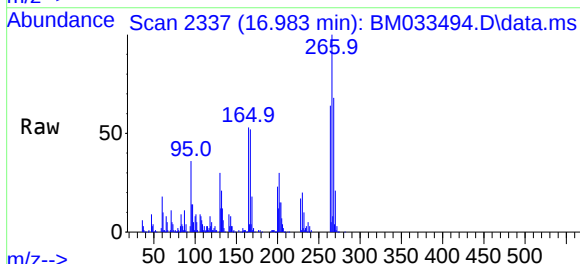
Manual Integrations
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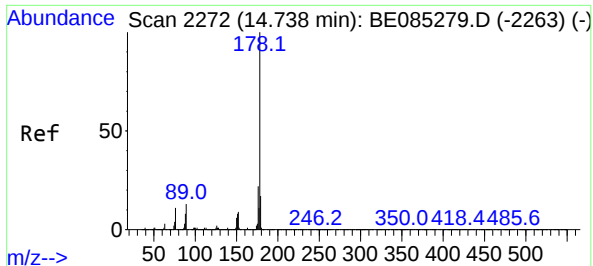
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#70
Pentachlorophenol
Concen: 94.079 ng
RT: 16.983 min Scan# 2337
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Tgt Ion:266 Resp: 125368
Ion Ratio Lower Upper
266 100
268 67.8 50.1 75.1
264 64.4 49.1 73.7





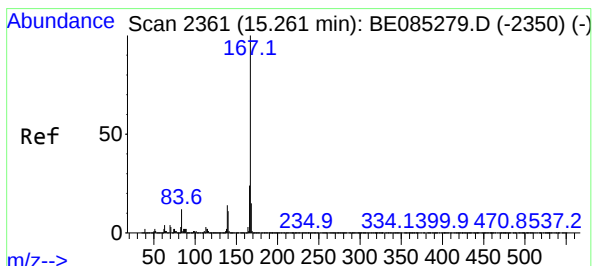
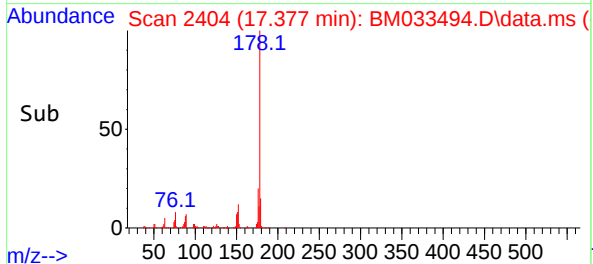
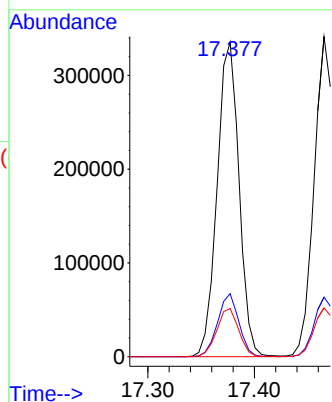
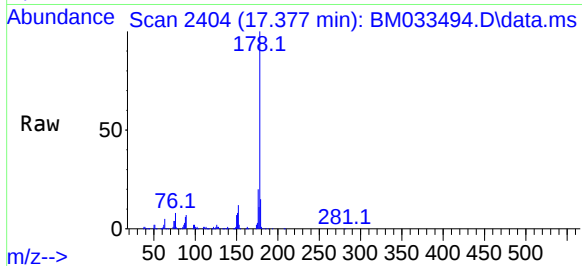
#71
Phenanthrene
Concen: 42.376 ng
RT: 17.377 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :
BNA_M
ClientSampleId :
PB141485BSD

Tgt Ion:178 Resp: 47789
Ion Ratio Lower Upper
178 100
176 20.1 15.1 22.7
179 15.3 12.0 18.0

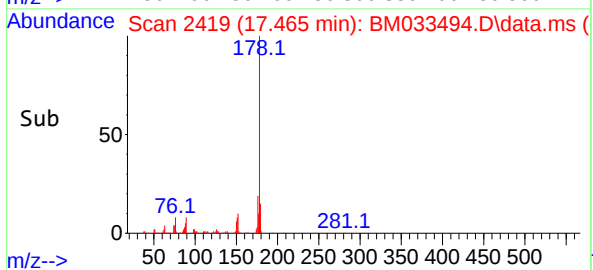
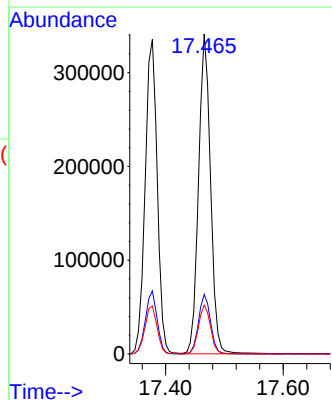
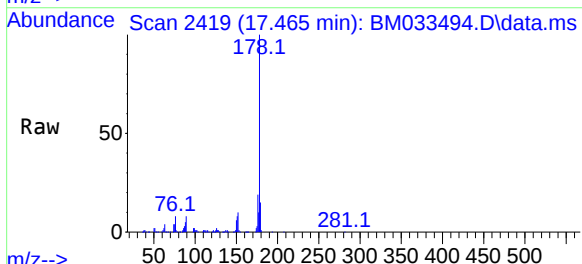
Manual Integrations
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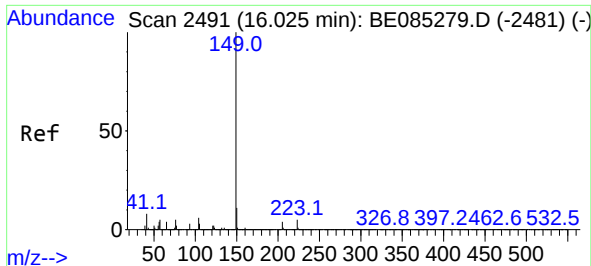
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#72
Anthracene
Concen: 43.730 ng
RT: 17.465 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

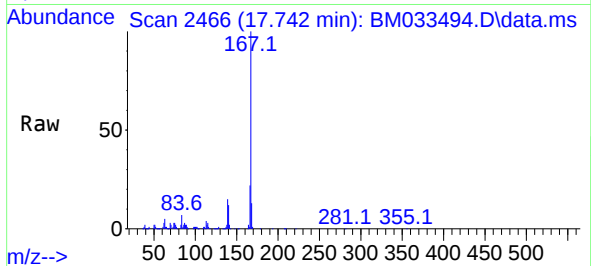
Tgt Ion:178 Resp: 482126
Ion Ratio Lower Upper
178 100
176 18.6 14.5 21.7
179 15.2 11.9 17.9





#73
 Carbazole
 Concen: 39.724 ng
 RT: 17.742 min Scan# 2491
 Delta R.T. -0.000 min
 Lab File: BM033494.D
 Acq: 16 Dec 2021 21:01

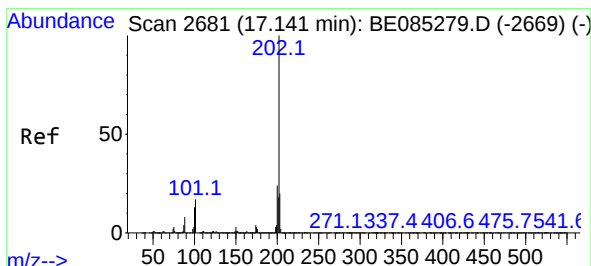
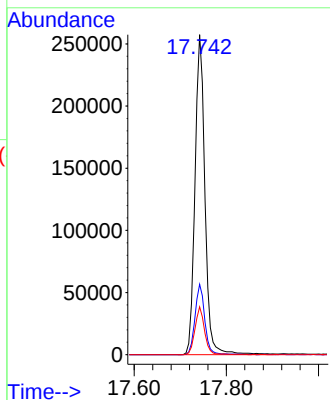
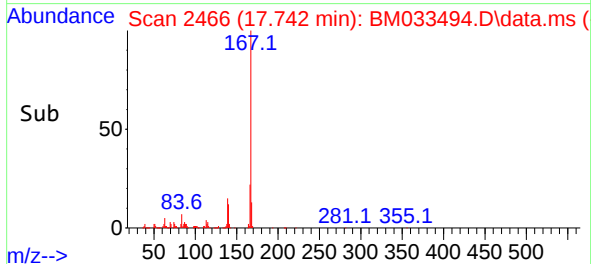
Instrument :
 BNA_M
 ClientSampleId :
 PB141485BSD



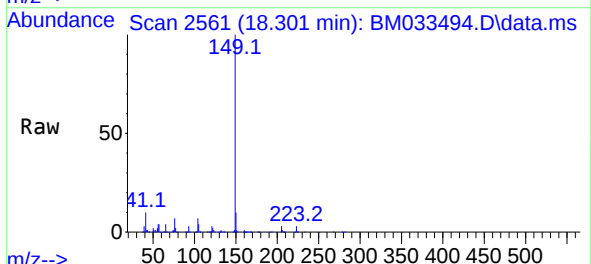
Tgt Ion:167 Resp: 386660
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 14.9 11.0 16.4

Manual Integrations
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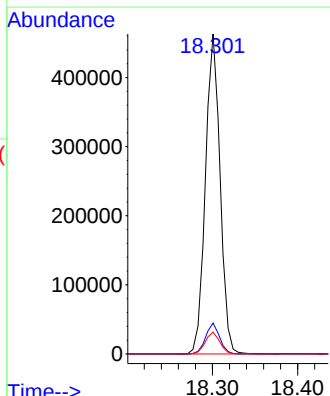
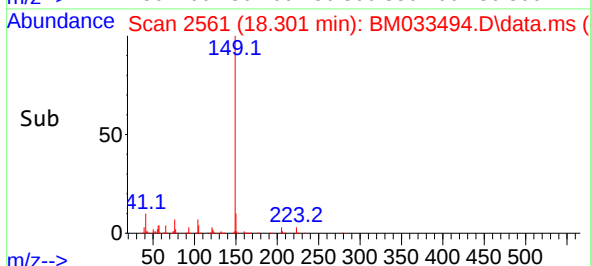
Reviewed By :Christian Giraldo 12/17/2021
 Supervised By :Jagrut Upadhyay 12/17/2021

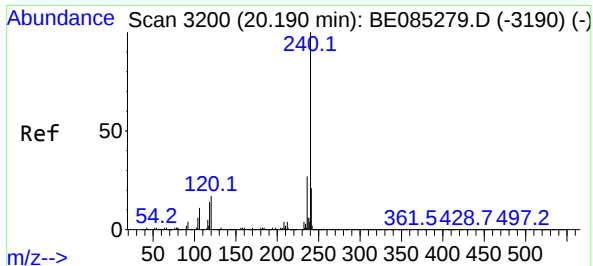


#74
 Di-n-butylphthalate
 Concen: 40.851 ng
 RT: 18.301 min Scan# 2561
 Delta R.T. -0.000 min
 Lab File: BM033494.D
 Acq: 16 Dec 2021 21:01



Tgt Ion:149 Resp: 552790
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.3 10.9
 104 6.8 4.6 6.8





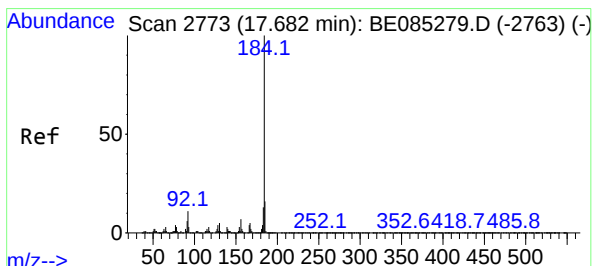
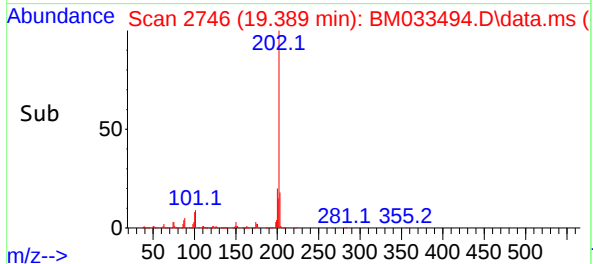
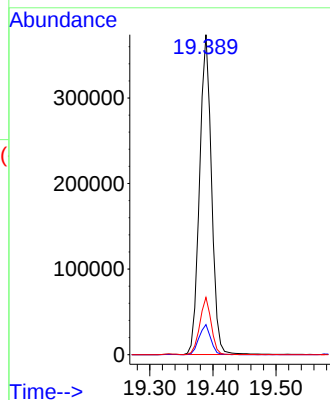
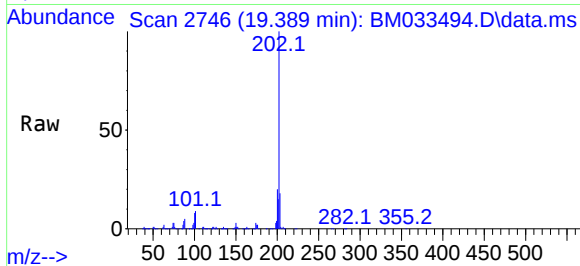
#75
Fluoranthene
Concen: 37.707 ng
RT: 19.389 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :
BNA_M
ClientSampleId :
PB141485BSD

Tgt Ion:202 Resp: 48916
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.8
203 17.9 0.0 37.2

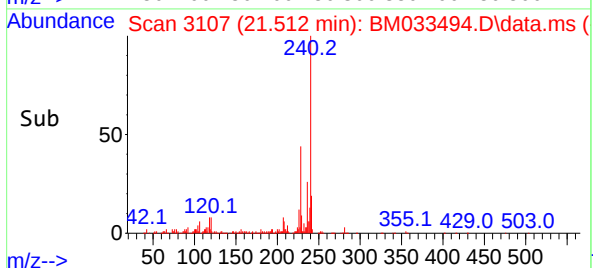
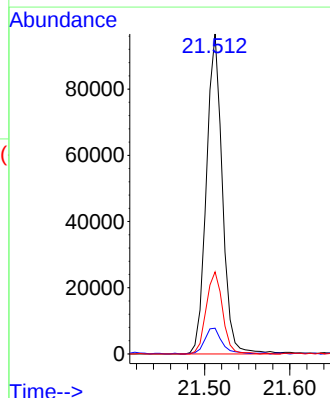
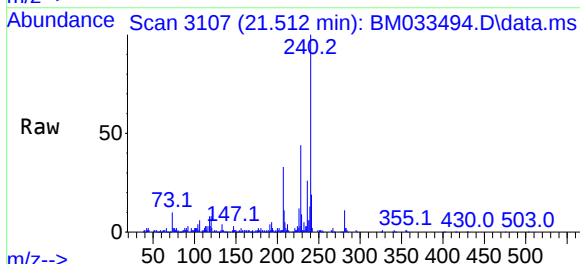
Manual Integrations
APPROVED

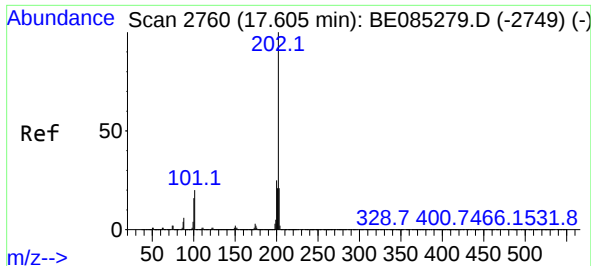
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.512 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Tgt Ion:240 Resp: 125820
Ion Ratio Lower Upper
240 100
120 8.0 7.8 11.6
236 25.6 20.3 30.5





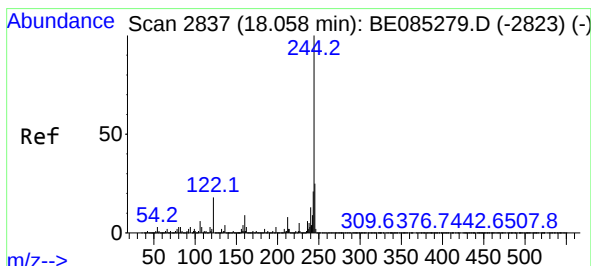
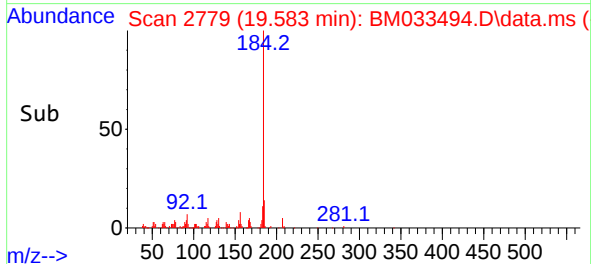
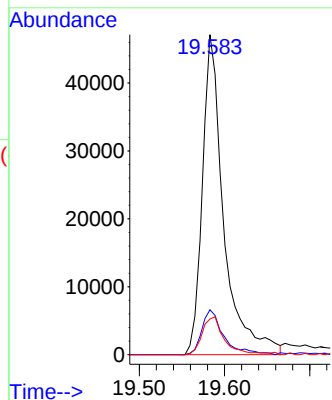
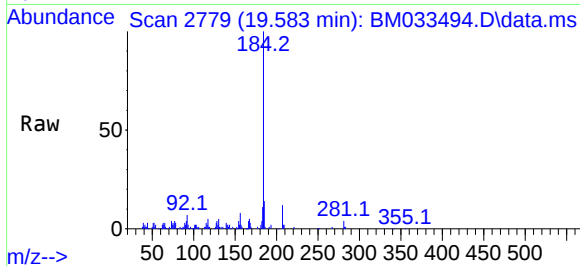
#77
Benzidine
Concen: 139.408 ng
RT: 19.583 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :
BNA_M
ClientSampleId :
PB141485BSD

Tgt Ion:184 Resp: 8201
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 11.1 9.7 14.5

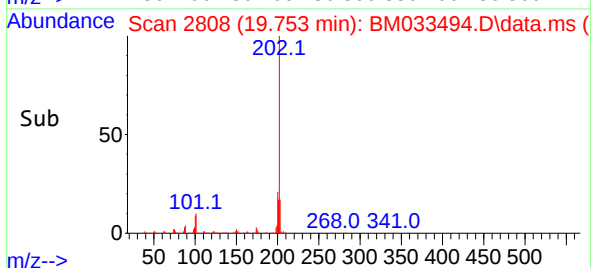
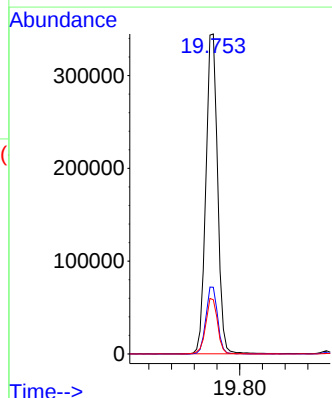
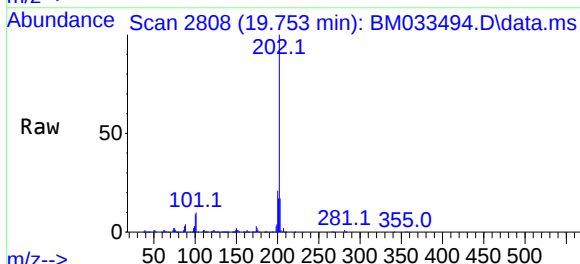
Manual Integrations
APPROVED

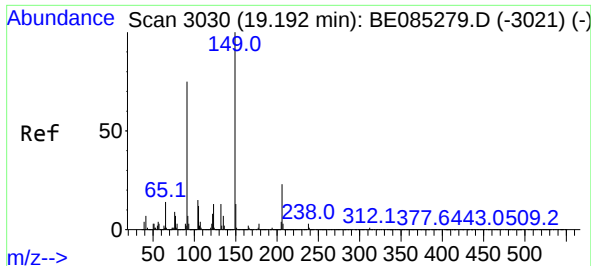
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#78
Pyrene
Concen: 49.447 ng
RT: 19.753 min Scan# 2808
Delta R.T. -0.001 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Tgt Ion:202 Resp: 490879
Ion Ratio Lower Upper
202 100
200 20.9 16.4 24.6
203 17.0 13.5 20.3





#79
Terphenyl-d14
Concen: 93.475 ng
RT: 19.953 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :

BNA_M

ClientSampleId :

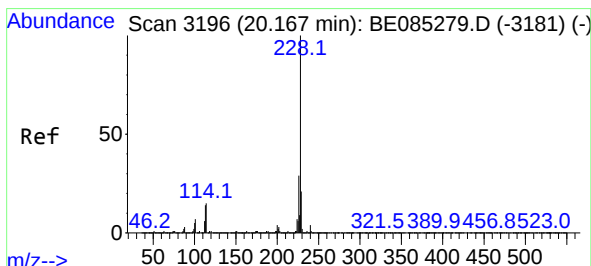
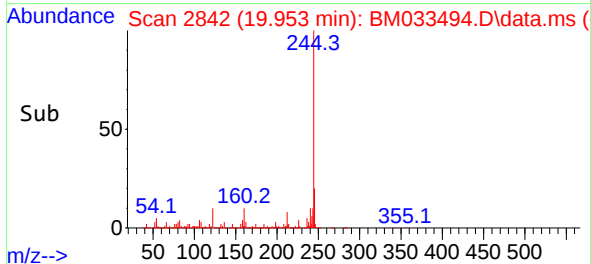
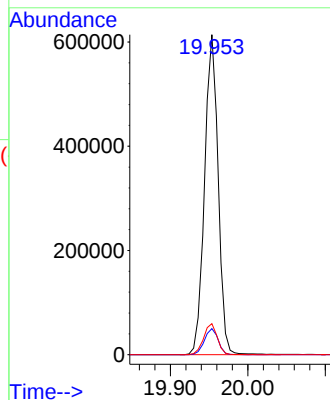
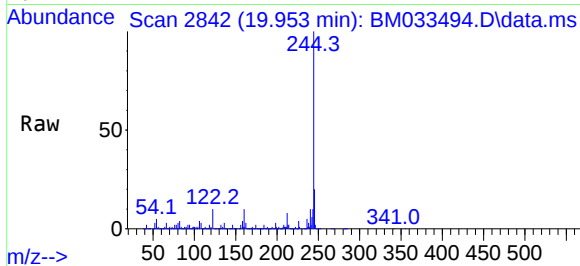
PB141485BSD

Tgt Ion:244 Resp: 74704
Ion Ratio Lower Upper
244 100
212 8.2 5.9 8.9
122 9.7 8.4 12.6

Manual Integrations

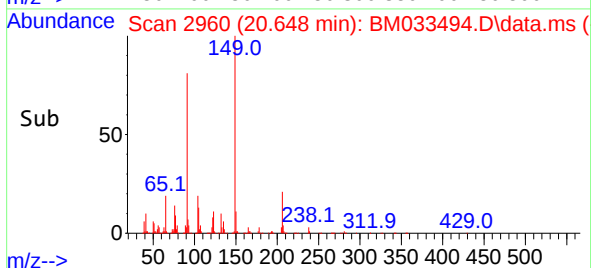
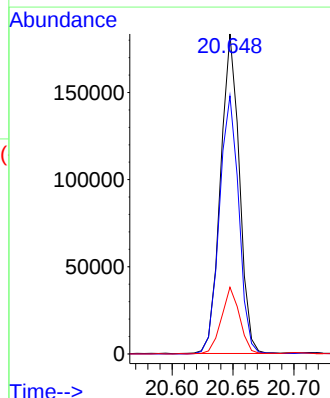
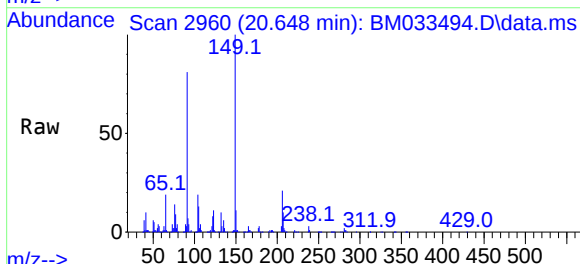
APPROVED

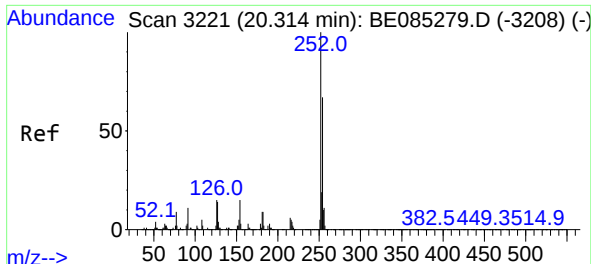
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#80
Butylbenzylphthalate
Concen: 44.476 ng
RT: 20.648 min Scan# 2960
Delta R.T. -0.000 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

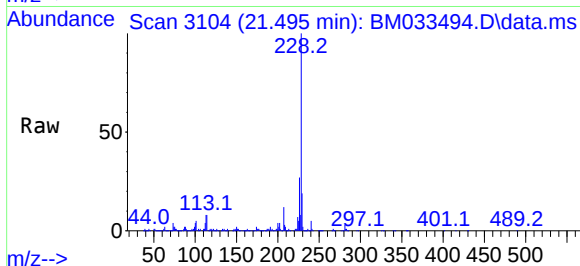
Tgt Ion:149 Resp: 197606
Ion Ratio Lower Upper
149 100
91 80.6 63.4 95.0
206 20.9 16.8 25.2





#81
Benzo(a)anthracene
Concen: 41.599 ng
RT: 21.495 min Scan# 3093
Delta R.T. -0.005 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

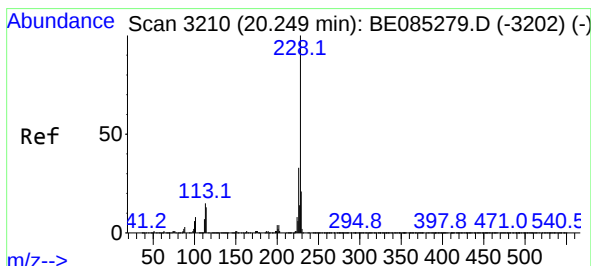
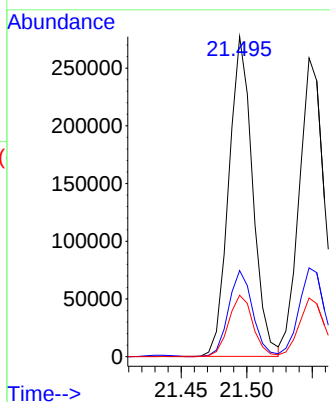
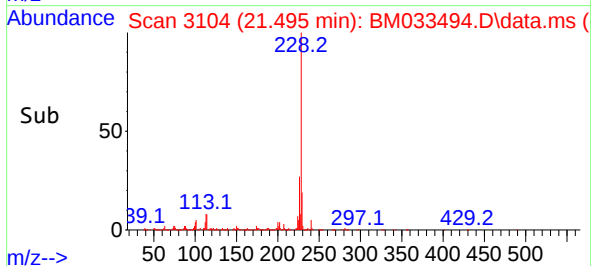
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



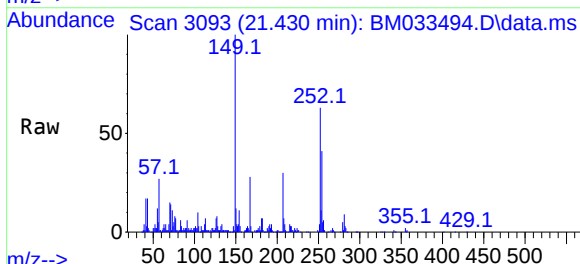
Tgt Ion:228 Resp: 350798
Ion Ratio Lower Upper
228 100
226 26.9 21.0 31.6
229 19.2 15.5 23.3

Manual Integrations
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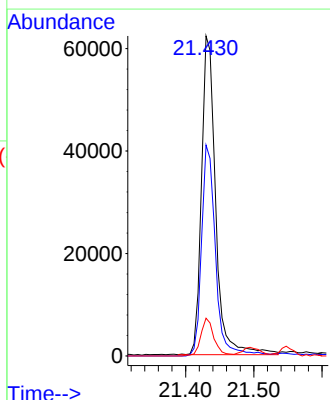
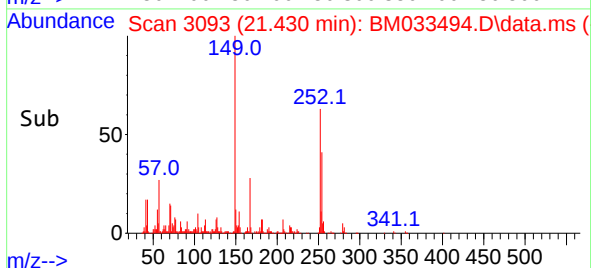
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

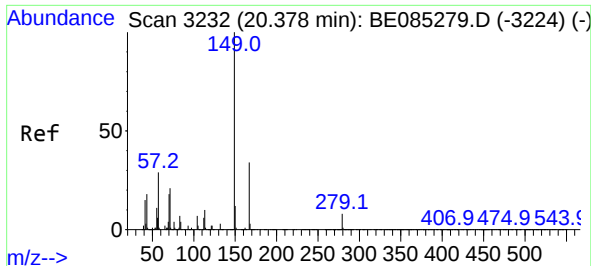


#82
3,3'-Dichlorobenzidine
Concen: 27.228 ng
RT: 21.430 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



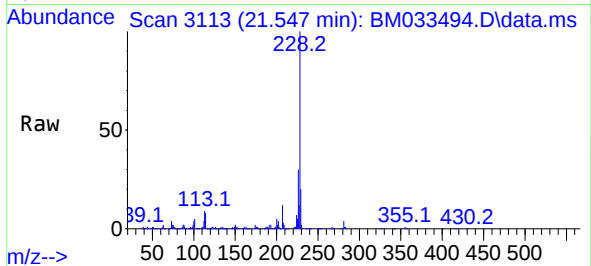
Tgt Ion:252 Resp: 90027
Ion Ratio Lower Upper
252 100
254 65.9 50.9 76.3
126 11.8 8.8 13.2





#83
Chrysene
Concen: 43.098 ng
RT: 21.547 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

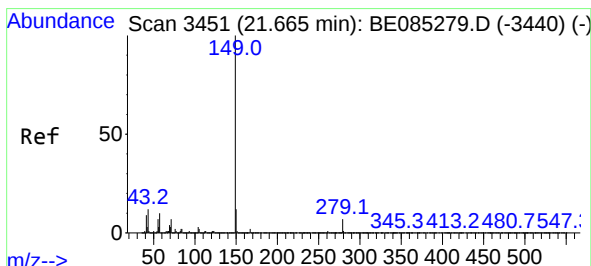
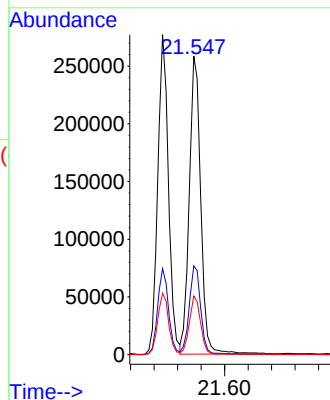
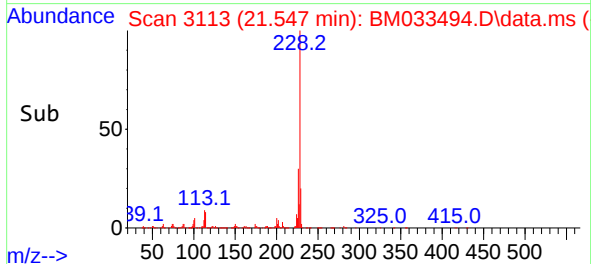
Instrument :
BNA_M
ClientSampleId :
PB141485BSD



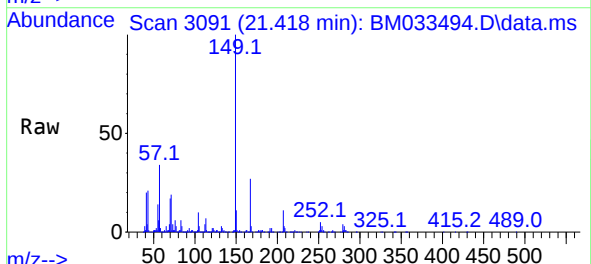
Tgt Ion: 228 Resp: 349934
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.8
229 19.6 15.8 23.8

Manual Integrations
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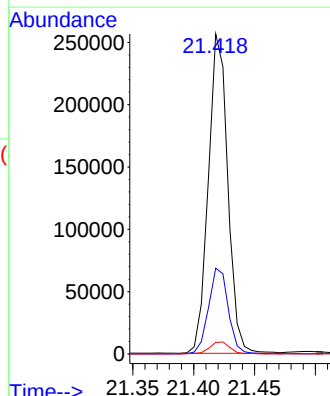
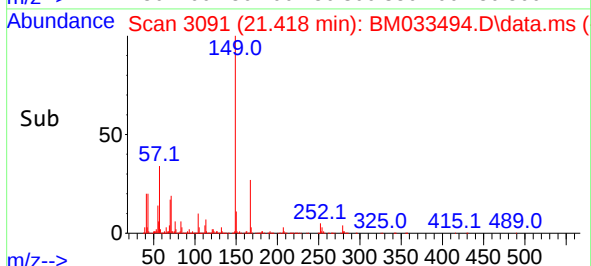
Reviewed By : Christian Giraldo 12/17/2021
Supervised By : Jagrut Upadhyay 12/17/2021

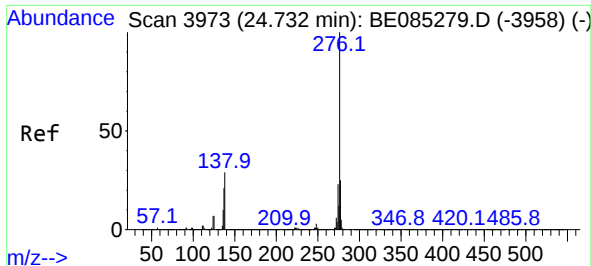


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.749 ng
RT: 21.418 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01



Tgt Ion: 149 Resp: 284891
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 3.6 3.0 4.6





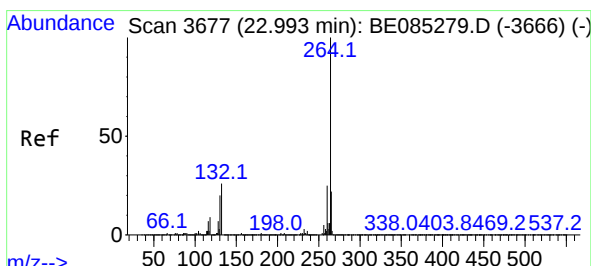
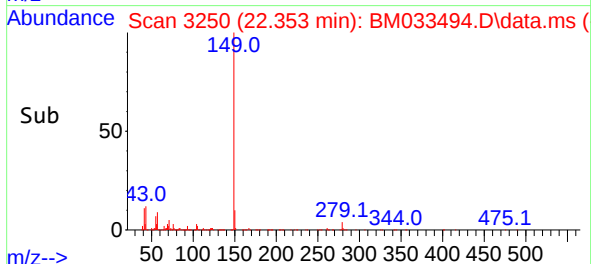
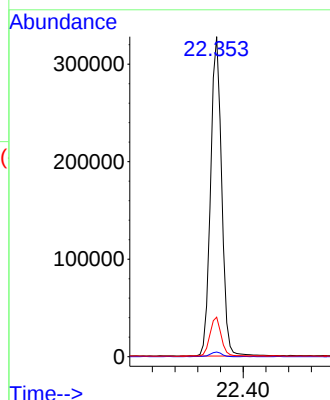
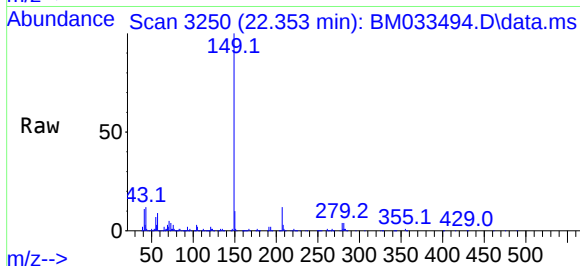
#85
Di-n-octyl phthalate
Concen: 41.629 ng
RT: 22.353 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :
BNA_M
ClientSampleId :
PB141485BSD

Tgt Ion:149 Resp: 44067
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.6 10.4 15.6

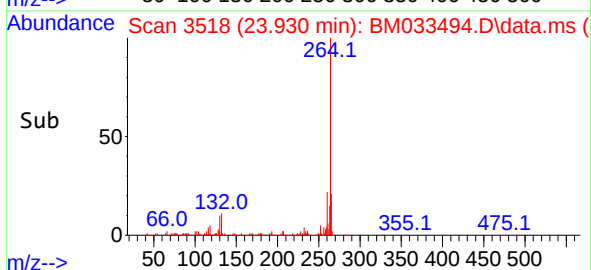
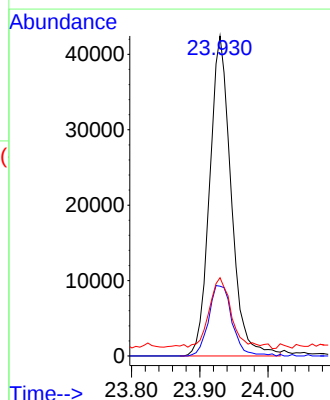
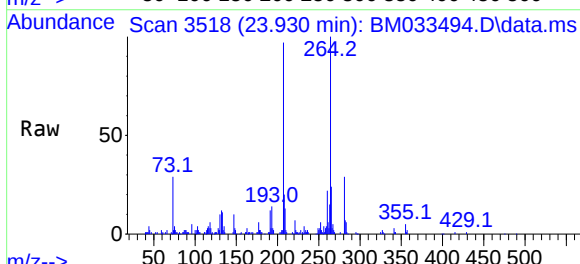
Manual Integrations
APPROVED

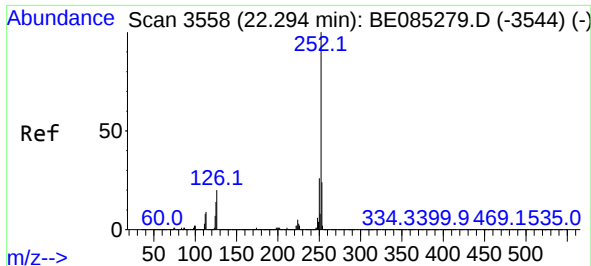
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.930 min Scan# 3518
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Tgt Ion:264 Resp: 93105
Ion Ratio Lower Upper
264 100
260 21.8 17.7 26.5
265 24.5 17.7 26.5





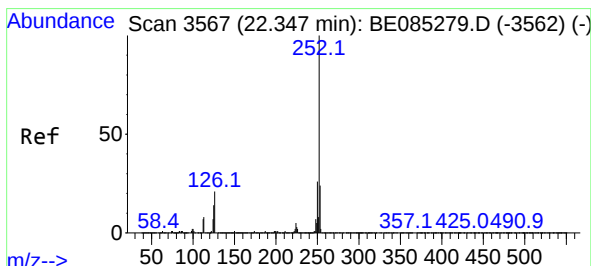
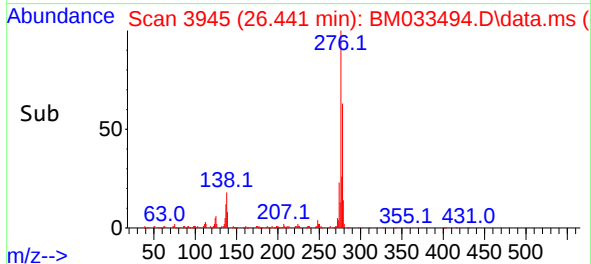
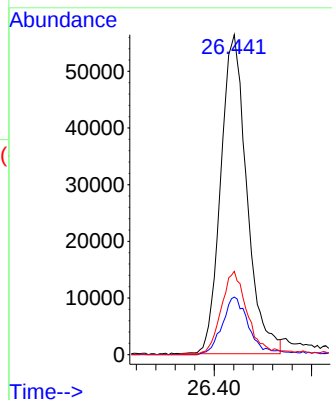
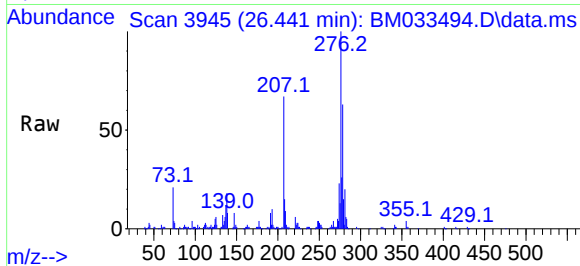
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.860 ng
RT: 26.441 min Scan# 3393
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :
BNA_M
ClientSampleId :
PB141485BSD

Tgt Ion: 276 Resp: 209734
Ion Ratio Lower Upper
276 100
138 18.8 18.7 28.1
277 26.7 20.2 30.4

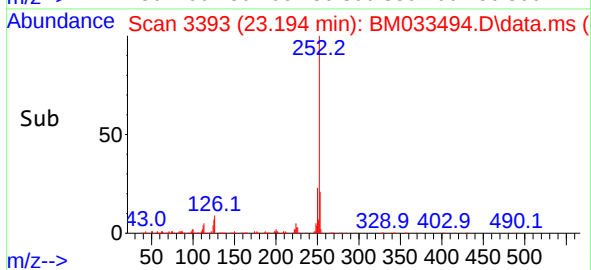
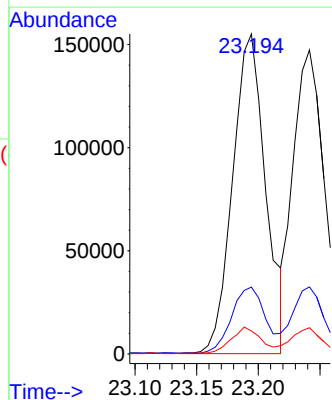
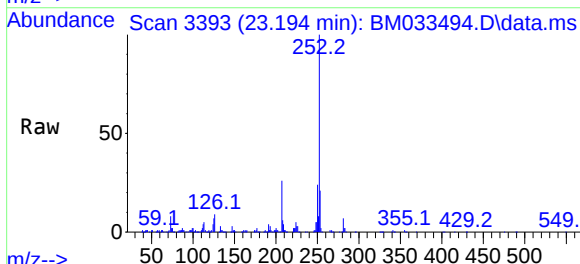
Manual Integrations
APPROVED

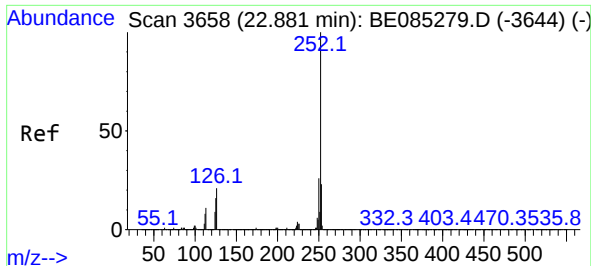
Reviewed By : Christian Giraldo 12/17/2021
Supervised By : Jagrut Upadhyay 12/17/2021



#88
Benzo(b)fluoranthene
Concen: 48.283 ng m
RT: 23.194 min Scan# 3393
Delta R.T. -0.001 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Tgt Ion: 252 Resp: 288261
Ion Ratio Lower Upper
252 100
253 20.9 17.1 25.7
125 7.2 7.4 11.2#





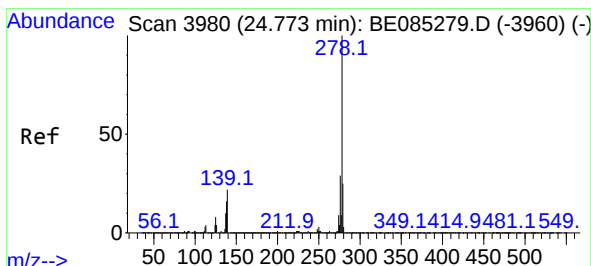
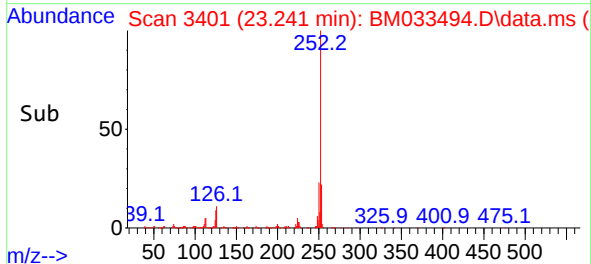
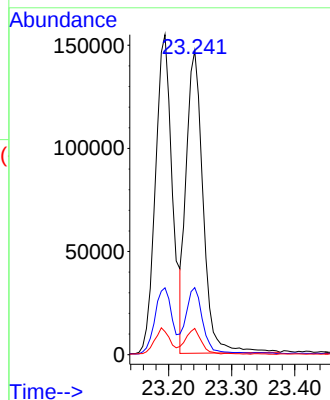
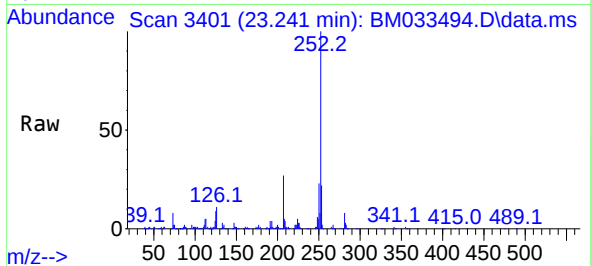
#89
Benzo(k)fluoranthene
Concen: 45.098 ng
RT: 23.241 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :
BNA_M
ClientSampleId :
PB141485BSD

Tgt Ion:252 Resp: 27234
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.6 8.1 12.1

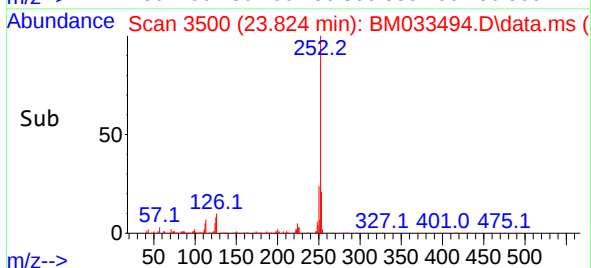
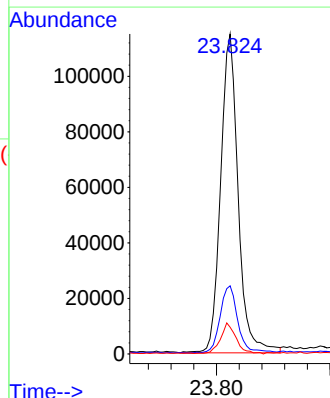
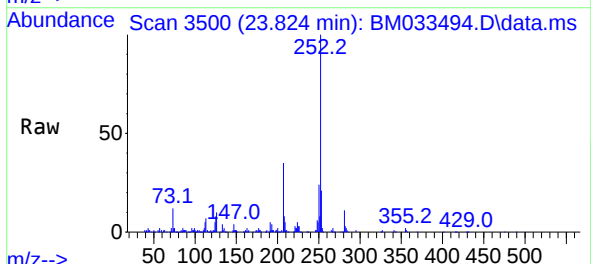
Manual Integrations
APPROVED

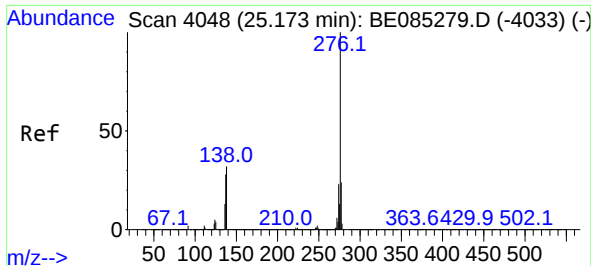
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#90
Benzo(a)pyrene
Concen: 55.090 ng
RT: 23.824 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Tgt Ion:252 Resp: 246129
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 8.3 7.8 11.8





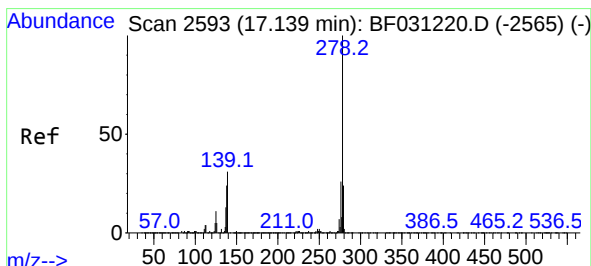
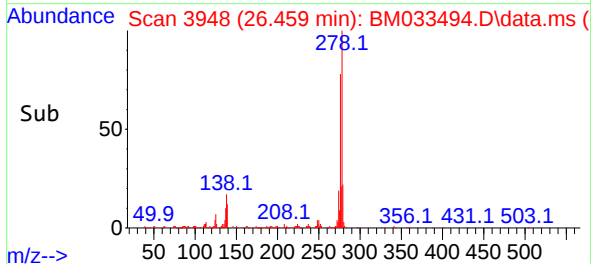
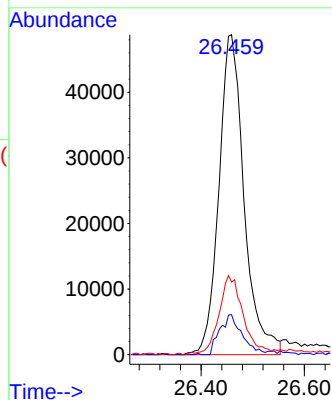
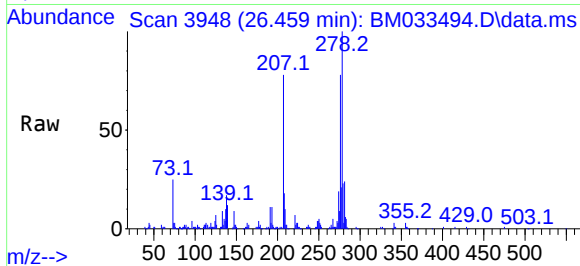
#91
Dibenzo(a,h)anthracene
Concen: 51.304 ng
RT: 26.459 min Scan# 3948
Delta R.T. -0.006 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Instrument :
BNA_M
ClientSampleId :
PB141485BSD

Tgt Ion:278 Resp: 16518
Ion Ratio Lower Upper
278 100
139 12.5 10.9 16.3
279 22.7 17.7 26.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#92
Benzo(g,h,i)perylene
Concen: 51.384 ng
RT: 27.206 min Scan# 4075
Delta R.T. -0.012 min
Lab File: BM033494.D
Acq: 16 Dec 2021 21:01

Tgt Ion:276 Resp: 212747
Ion Ratio Lower Upper
276 100
277 22.9 19.1 28.7
138 14.8 14.8 22.2#

