

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
 Data File : BM035336.D
 Acq On : 31 May 2022 21:38
 Operator : CG/JU
 Sample : N2952-29MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P043-SS001-0612-01MSD

Quant Time: Jun 01 03:49:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:35:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/01/2022
 Supervised By : Jagrut Upadhyay 06/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	129825	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	465443	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	292604	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	653522	20.000	ng	0.00
76) Chrysene-d12	21.433	240	715219	20.000	ng	# 0.00
86) Perylene-d12	23.803	264	746756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	612056	87.047	ng	0.00
7) Phenol-d6	7.051	99	751317	82.520	ng	0.00
23) Nitrobenzene-d5	9.028	82	471599	55.776	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	379741	100.039	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	1231999	58.389	ng	0.00
79) Terphenyl-d14	19.874	244	2186974	54.184	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.351	88	116345	42.250	ng	91
3) Pyridine	3.751	79	282383	39.415	ng	90
4) n-Nitrosodimethylamine	3.657	42	154748	44.349	ng	# 73
6) Aniline	7.198	93	396968	41.037	ng	94
8) 2-Chlorophenol	7.439	128	403128	50.949	ng	92
9) Benzaldehyde	7.010	77	219031	46.400	ng	92
10) Phenol	7.081	94	443951	50.034	ng	94
11) bis(2-Chloroethyl)ether	7.292	93	352514	50.826	ng	92
12) 1,3-Dichlorobenzene	7.757	146	466716	51.034	ng	96
13) 1,4-Dichlorobenzene	7.904	146	475179	50.875	ng	98
14) 1,2-Dichlorobenzene	8.222	146	451938	49.855	ng	98
15) Benzyl Alcohol	8.116	79	311279m	48.068	ng	
16) 2,2'-oxybis(1-Chloropr...	8.404	45	402524	43.182	ng	94
17) 2-Methylphenol	8.328	107	309162	49.693	ng	97
18) Hexachloroethane	8.945	117	139401	43.570	ng	# 86
19) n-Nitroso-di-n-propyla...	8.681	70	255602	45.519	ng	88
20) 3+4-Methylphenols	8.657	107	409616	48.099	ng	97
22) Acetophenone	8.692	105	554300	50.044	ng	# 93
24) Nitrobenzene	9.069	77	380422	48.782	ng	95
25) Isophorone	9.604	82	692455	54.110	ng	96
26) 2-Nitrophenol	9.780	139	212204	52.736	ng	91
27) 2,4-Dimethylphenol	9.857	122	342396	60.752	ng	98
28) bis(2-Chloroethoxy)met...	10.080	93	424089	49.004	ng	99
29) 2,4-Dichlorophenol	10.327	162	379753	53.501	ng	98
30) 1,2,4-Trichlorobenzene	10.533	180	442980	52.276	ng	98
31) Naphthalene	10.716	128	1159382	51.120	ng	99
32) Benzoic acid	10.033	122	264773	51.846	ng	95
33) 4-Chloroaniline	10.833	127	322427	35.893	ng	95
34) Hexachlorobutadiene	11.004	225	285711	51.530	ng	98
35) Caprolactam	11.639	113	108435	55.673	ng	# 83
36) 4-Chloro-3-methylphenol	11.974	107	361155	51.215	ng	99
37) 2-Methylnaphthalene	12.333	142	814021	50.902	ng	98
38) 1-Methylnaphthalene	12.551	142	784678	50.194	ng	99
40) 1,2,4,5-Tetrachloroben...	12.704	216	503948	53.782	ng	# 96
41) Hexachlorocyclopentadiene	12.680	237	151315	30.100	ng	96
43) 2,4,6-Trichlorophenol	12.951	196	326250	53.429	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	359417	55.335	ng	# 92
46) 1,1'-Biphenyl	13.345	154	1095720	50.823	ng	99
47) 2-Chloronaphthalene	13.386	162	864198	51.698	ng	99
48) 2-Nitroaniline	13.592	65	229392	54.996	ng	88
49) Acenaphthylene	14.227	152	1373866	55.121	ng	100
50) Dimethylphthalate	13.974	163	1029686	49.622	ng	# 98
51) 2,6-Dinitrotoluene	14.086	165	226385	53.146	ng	# 82
52) Acenaphthene	14.574	154	787567	51.887	ng	99
53) 3-Nitroaniline	14.421	138	220346	52.213	ng	92
54) 2,4-Dinitrophenol	14.633	184	103496	38.039	ng	# 79
55) Dibenzofuran	14.910	168	1296287	50.707	ng	93
56) 4-Nitrophenol	14.751	139	406165	124.836	ng	83
57) 2,4-Dinitrotoluene	14.880	165	311747	54.559	ng	# 85
58) Fluorene	15.557	166	1060987	53.231	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.139	232	319988	55.661	ng	# 84
60) Diethylphthalate	15.333	149	1021138	50.366	ng	97
61) 4-Chlorophenyl-phenyle...	15.551	204	561230	51.717	ng	90
62) 4-Nitroaniline	15.586	138	251670	59.045	ng	90
63) Azobenzene	15.845	77	818830	47.738	ng	90
65) 4,6-Dinitro-2-methylph...	15.645	198	75419	18.400	ng	85
66) n-Nitrosodiphenylamine	15.768	169	923308	49.054	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	368201	50.389	ng	# 87
68) Hexachlorobenzene	16.568	284	424877	52.196	ng	# 85
69) Atrazine	16.721	200	334935	53.462	ng	97
70) Pentachlorophenol	16.909	266	555521	118.158	ng	100
71) Phenanthrene	17.298	178	1732773	51.606	ng	99
72) Anthracene	17.386	178	1777680	54.237	ng	99
73) Carbazole	17.656	167	1587696	50.937	ng	98
74) Di-n-butylphthalate	18.227	149	1855554	51.308	ng	99
75) Fluoranthene	19.309	202	2153350	54.754	ng	98
77) Benzidine	19.497	184	187491	12.941	ng	98
78) Pyrene	19.674	202	2236673	47.667	ng	100
80) Butylbenzylphthalate	20.574	149	907884	50.587	ng	# 86
81) Benzo(a)anthracene	21.421	228	2332349	51.567	ng	100
82) 3,3'-Dichlorobenzidine	21.350	252	666807	59.547	ng	98
83) Chrysene	21.474	228	2139410	50.110	ng	100
84) Bis(2-ethylhexyl)phtha...	21.350	149	1374339	54.162	ng	# 96
85) Di-n-octyl phthalate	22.262	149	2289730	54.393	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.268	276	2659222	52.266	ng	95
88) Benzo(b)fluoranthene	23.085	252	2391661	53.086	ng	99
89) Benzo(k)fluoranthene	23.133	252	2288472	51.413	ng	99
90) Benzo(a)pyrene	23.697	252	2267855	60.734	ng	98
91) Dibenzo(a,h)anthracene	26.273	278	2326171	55.040	ng	97
92) Benzo(g,h,i)perylene	27.020	276	2304334	54.668	ng	# 95

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

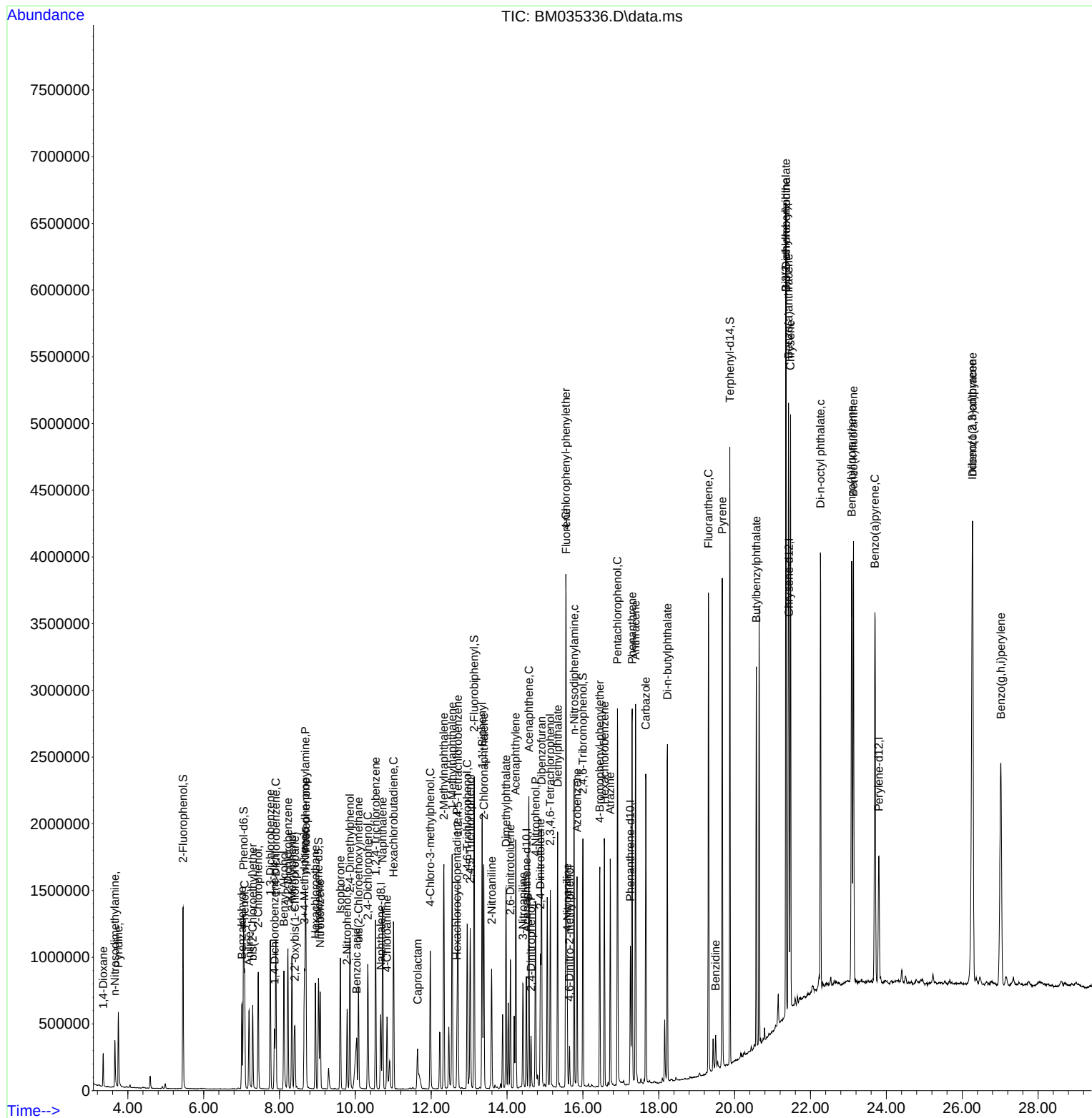
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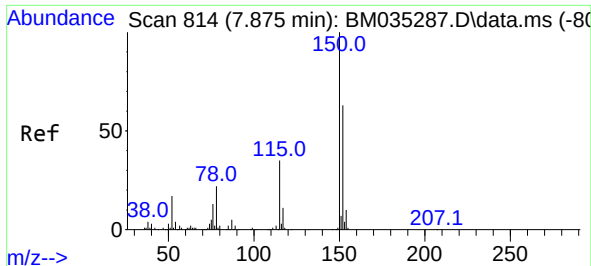
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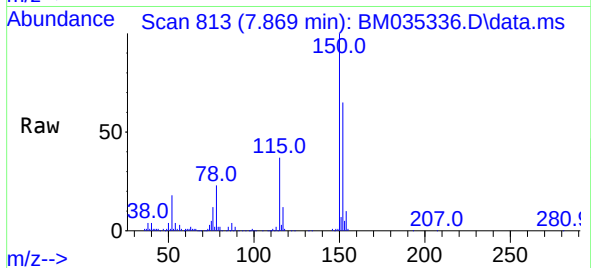
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

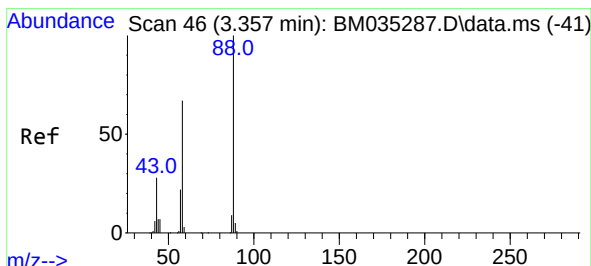
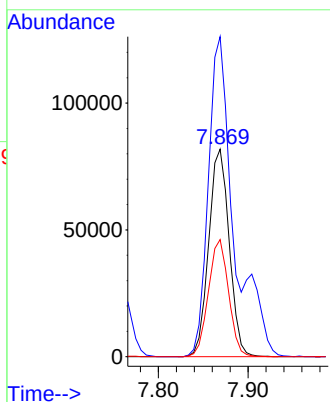
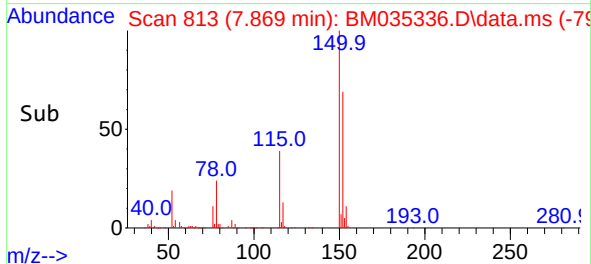
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



Tgt Ion:152 Resp: 129829
Ion Ratio Lower Upper
152 100
150 154.2 124.9 187.3
115 56.4 47.9 71.9

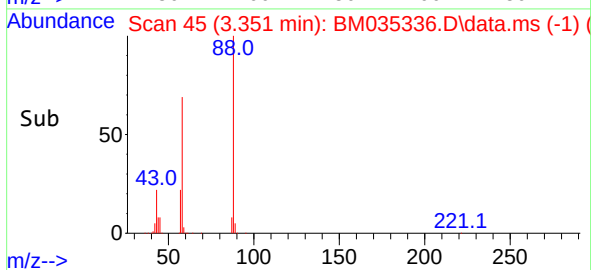
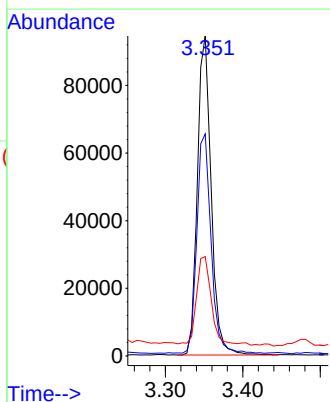
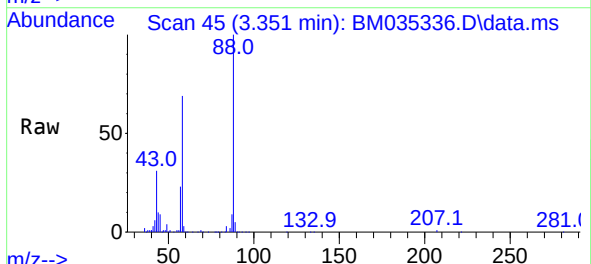
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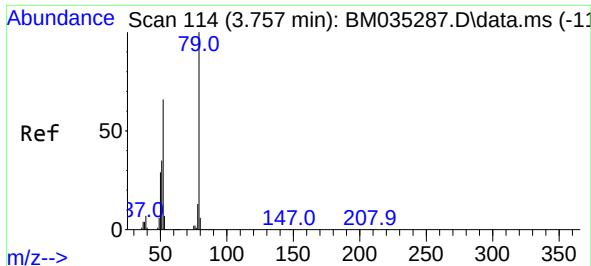
Reviewed By :Christian Giraldo 06/01/2022
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#2
1,4-Dioxane
Concen: 42.250 ng
RT: 3.351 min Scan# 45
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

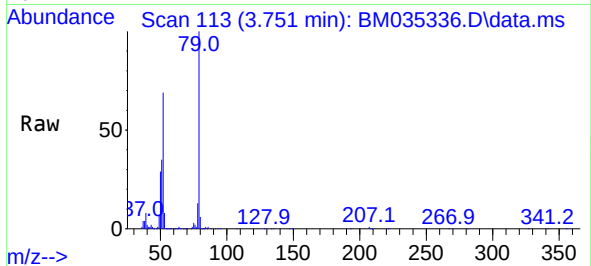
Tgt Ion: 88 Resp: 116345
Ion Ratio Lower Upper
88 100
58 70.7 62.3 93.5
43 30.0 28.7 43.1





#3
Pyridine
Concen: 39.415 ng
RT: 3.751 min Scan# 114
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

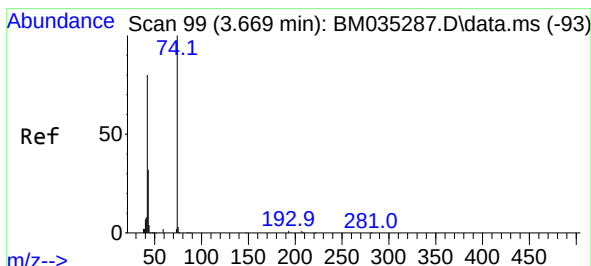
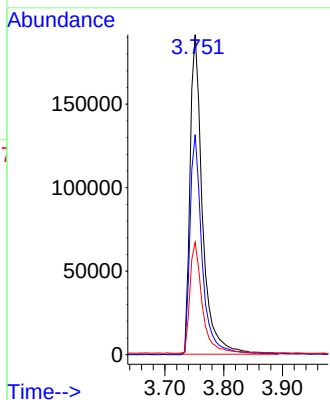
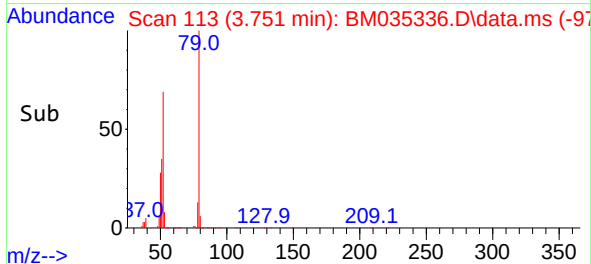
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Tgt Ion: 79 Resp: 28238
Ion Ratio Lower Upper
79 100
52 68.7 61.9 92.9
51 35.1 33.5 50.3

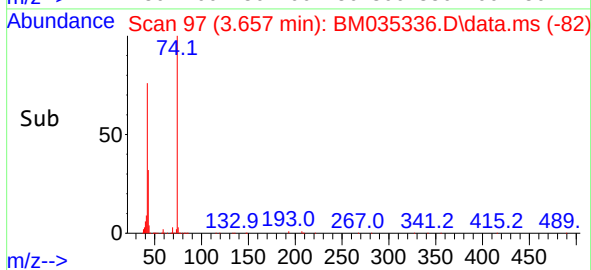
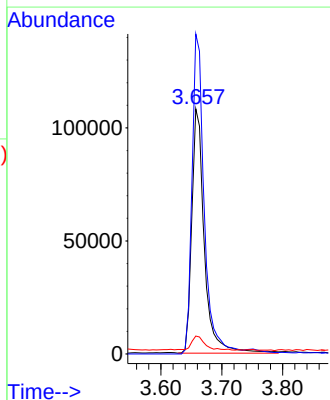
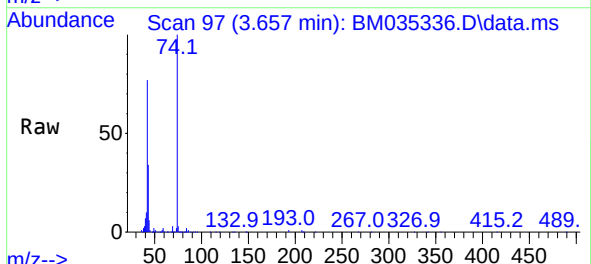
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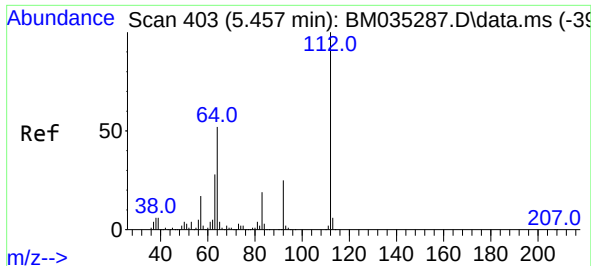
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#4
n-Nitrosodimethylamine
Concen: 44.349 ng
RT: 3.657 min Scan# 97
Delta R.T. -0.012 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

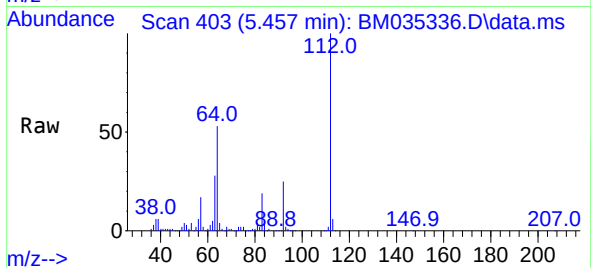
Tgt Ion: 42 Resp: 154748
Ion Ratio Lower Upper
42 100
74 130.5 81.6 122.4
44 7.3 5.2 7.8





#5
2-Fluorophenol
Concen: 87.047 ng
RT: 5.457 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

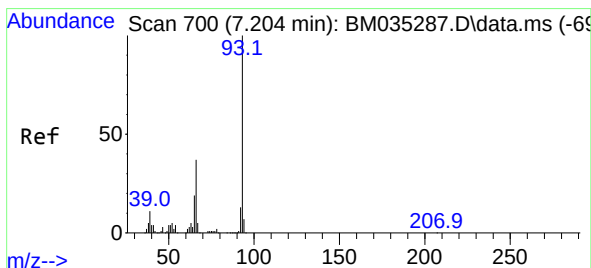
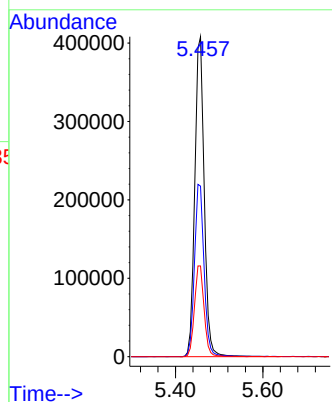
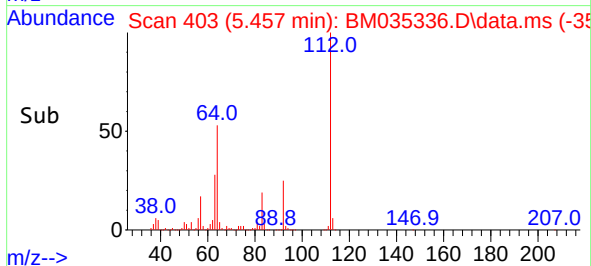
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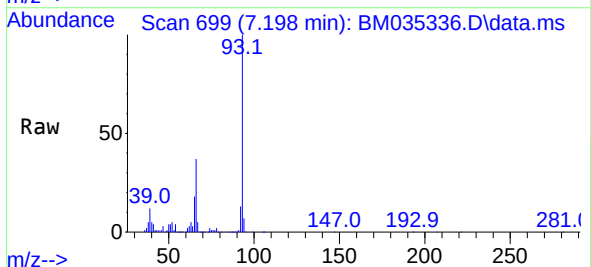
Tgt Ion:112 Resp: 612050
Ion Ratio Lower Upper
112 100
64 53.3 47.8 71.6
63 28.4 26.6 40.0

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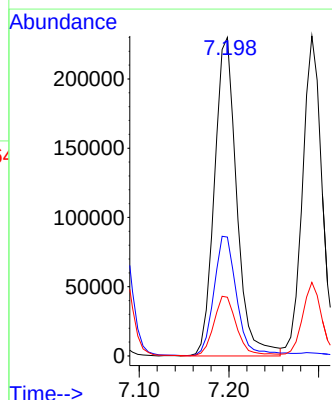
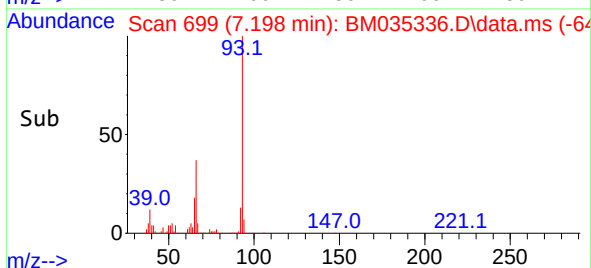
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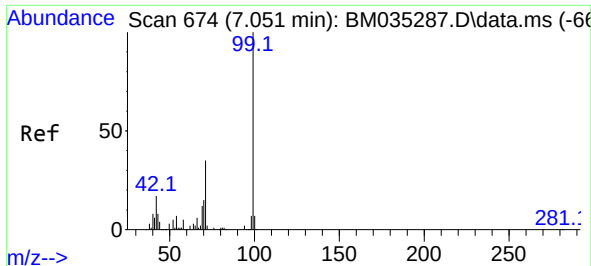


#6
Aniline
Concen: 41.037 ng
RT: 7.198 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



Tgt Ion: 93 Resp: 396968
Ion Ratio Lower Upper
93 100
66 37.3 32.6 49.0
65 18.4 16.8 25.2





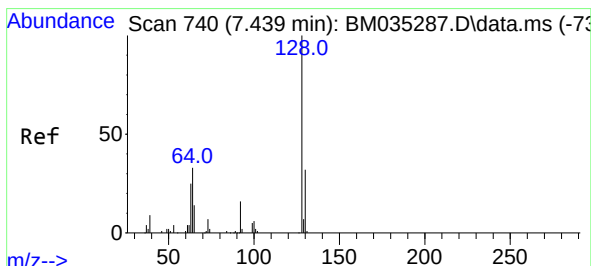
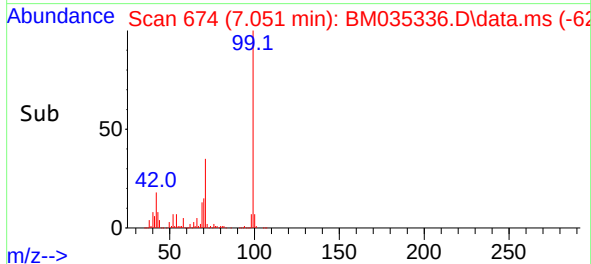
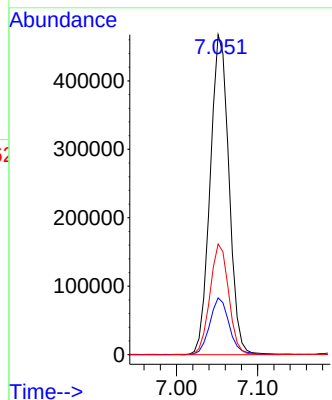
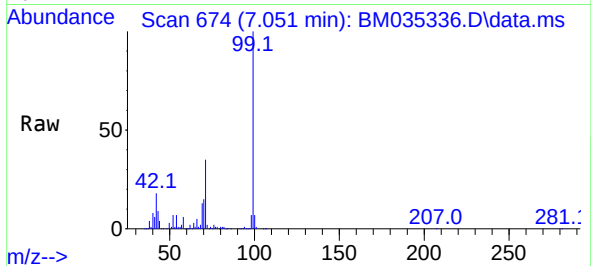
#7
Phenol-d6
Concen: 82.520 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

Instrument :
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Tgt Ion: 99 Resp: 75131
Ion Ratio Lower Upper
99 100
42 17.8 18.8 28.2
71 34.6 30.2 45.2

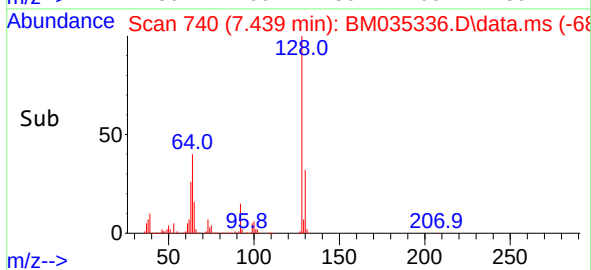
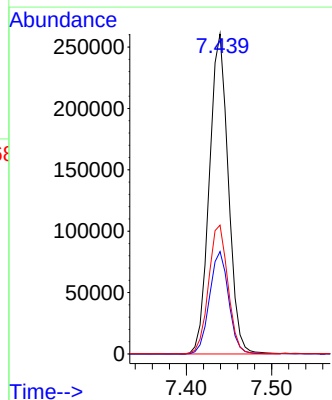
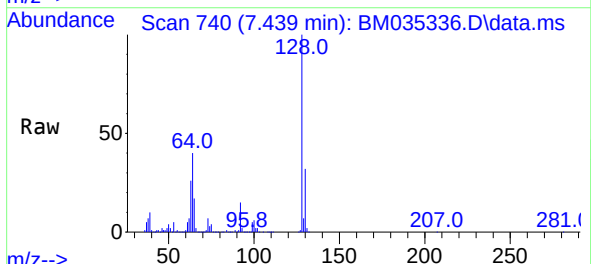
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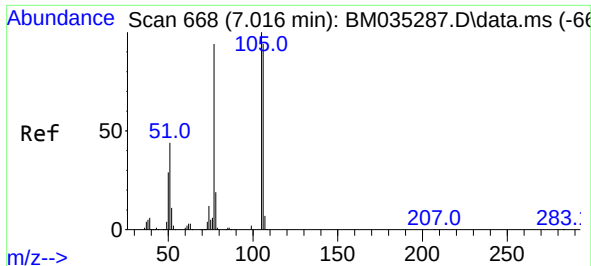
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#8
2-Chlorophenol
Concen: 50.949 ng
RT: 7.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

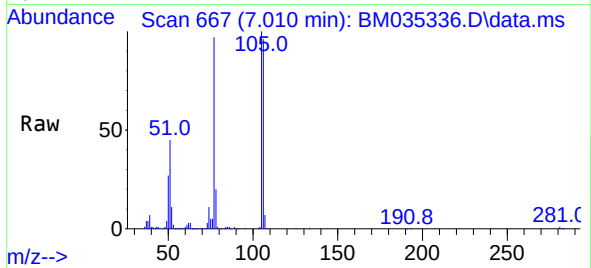
Tgt Ion:128 Resp: 403128
Ion Ratio Lower Upper
128 100
130 32.0 10.9 50.9
64 40.2 28.2 68.2





#9
Benzaldehyde
Concen: 46.400 ng
RT: 7.010 min Scan# 609
Delta R.T. -0.006 min
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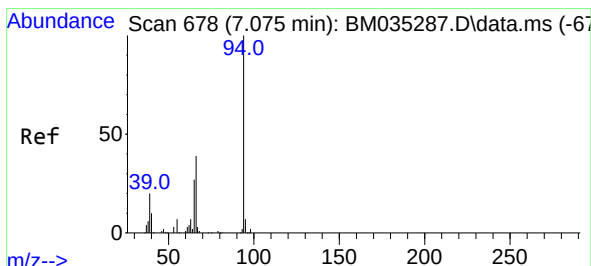
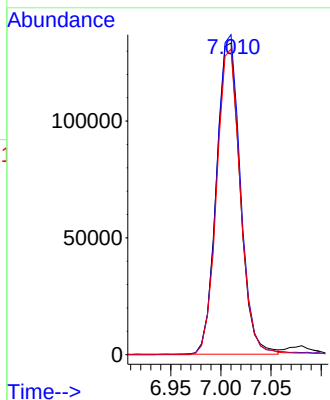
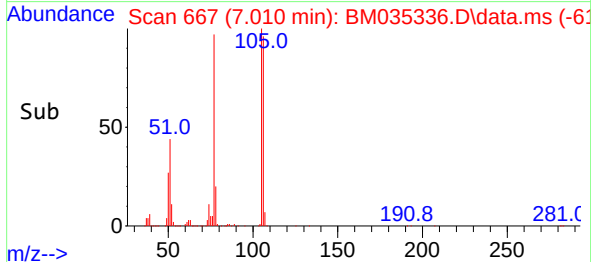
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Tgt Ion: 77 Resp: 21903
Ion Ratio Lower Upper
77 100
105 102.7 76.3 116.3
106 98.1 69.0 109.0

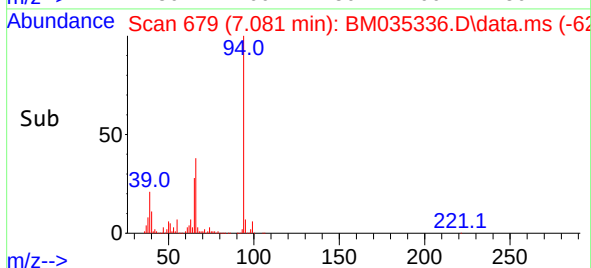
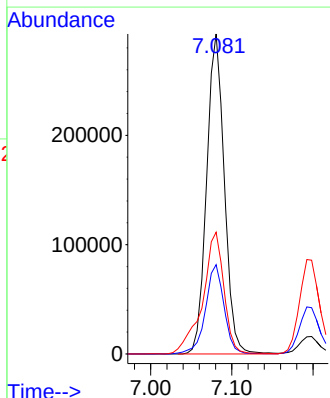
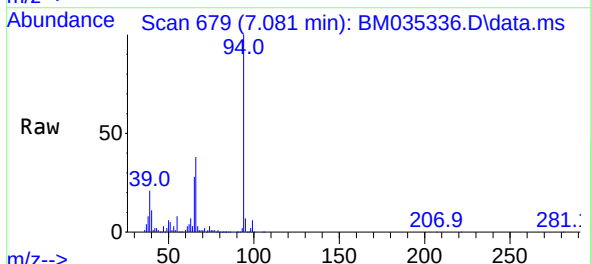
Manual Integrations
APPROVED

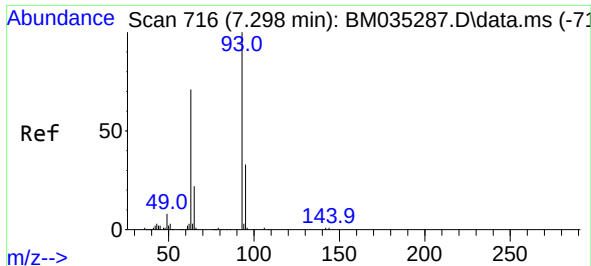
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#10
Phenol
Concen: 50.034 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

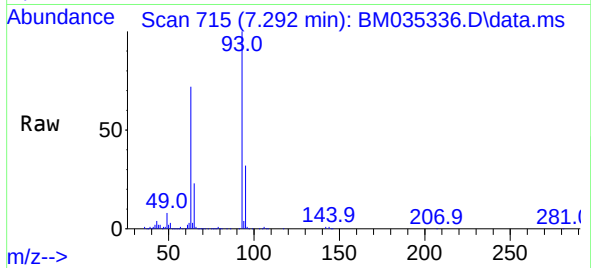
Tgt Ion: 94 Resp: 443951
Ion Ratio Lower Upper
94 100
65 27.9 11.4 51.4
66 38.0 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 50.826 ng
RT: 7.292 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

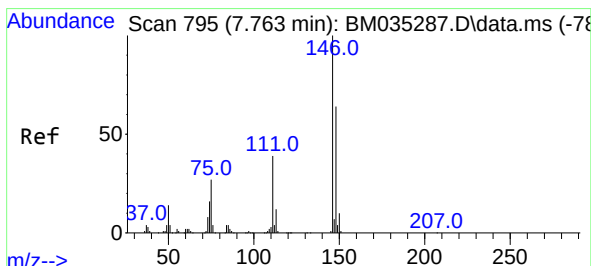
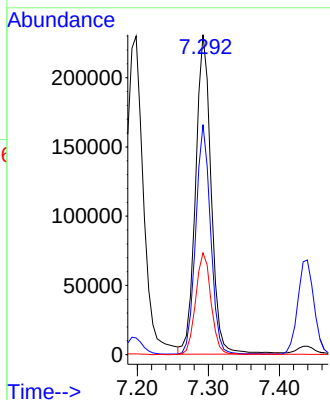
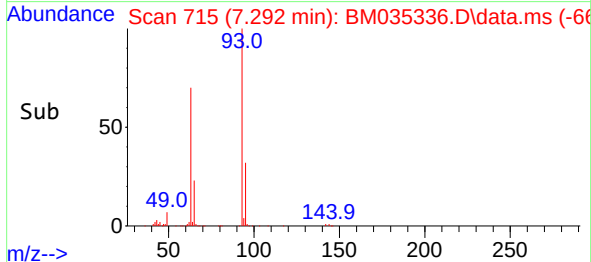
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



Tgt Ion: 93 Resp: 352514
Ion Ratio Lower Upper
93 100
63 71.9 60.6 100.6
95 31.8 13.2 53.2

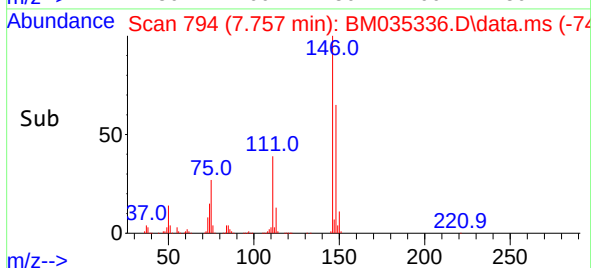
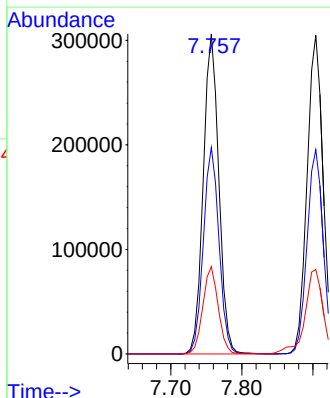
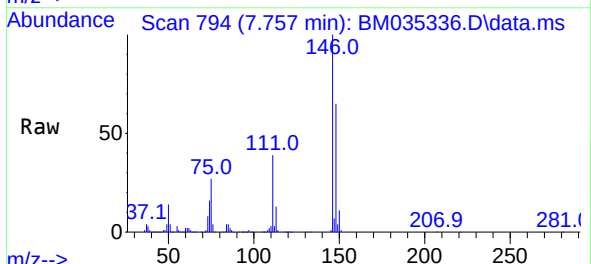
Manual Integrations
APPROVED

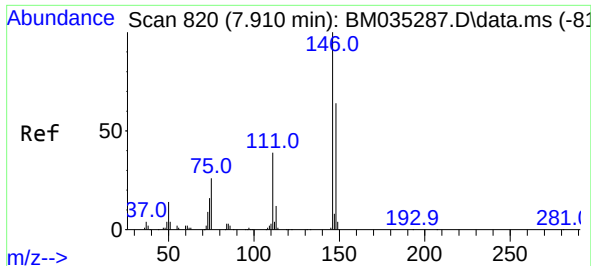
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#12
1,3-Dichlorobenzene
Concen: 51.034 ng
RT: 7.757 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

Tgt Ion:146 Resp: 466716
Ion Ratio Lower Upper
146 100
148 64.5 50.7 76.1
75 27.3 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 50.875 ng

RT: 7.904 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM035336.D

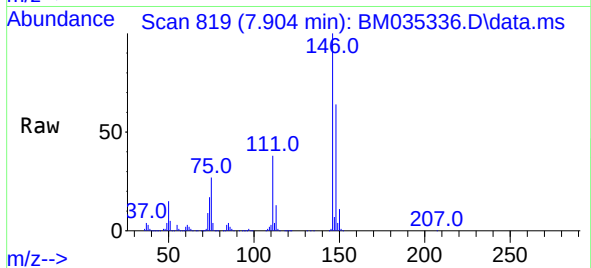
Acq: 31 May 2022 21:38

Instrument :

BNA_M

ClientSampleId :

P043-SS001-0612-01MSD



Tgt Ion:146 Resp: 475179

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

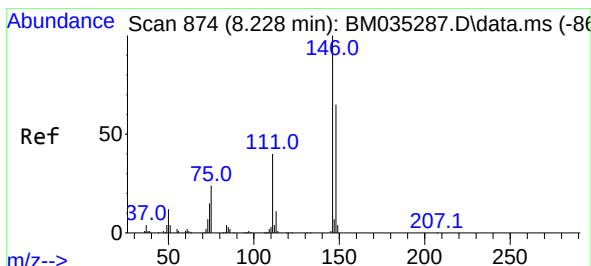
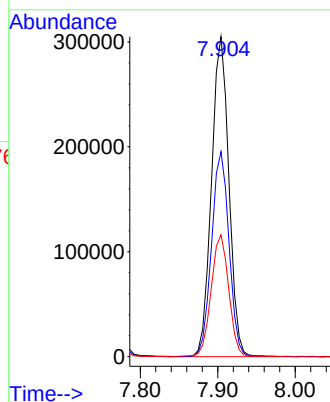
111 38.1 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/01/2022

Supervised By :Jagrut Upadhyay 06/01/2022



#14

1,2-Dichlorobenzene

Concen: 49.855 ng

RT: 8.222 min Scan# 873

Delta R.T. -0.006 min

Lab File: BM035336.D

Acq: 31 May 2022 21:38

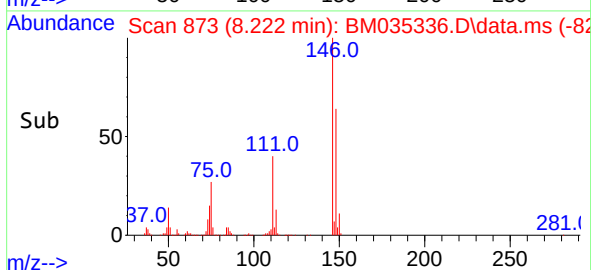
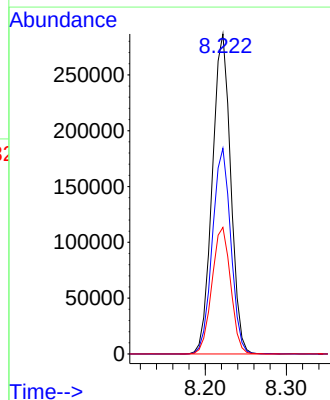
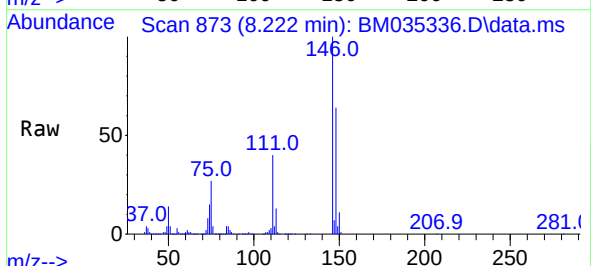
Tgt Ion:146 Resp: 451938

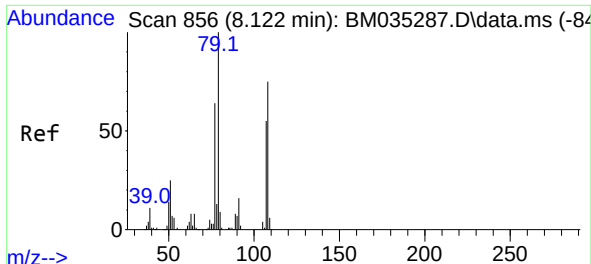
Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

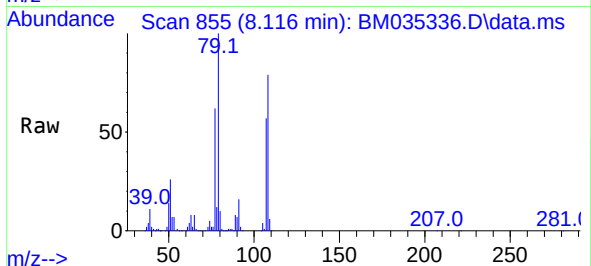
111 39.6 33.9 50.9





#15
Benzyl Alcohol
Concen: 48.068 ng m
RT: 8.116 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

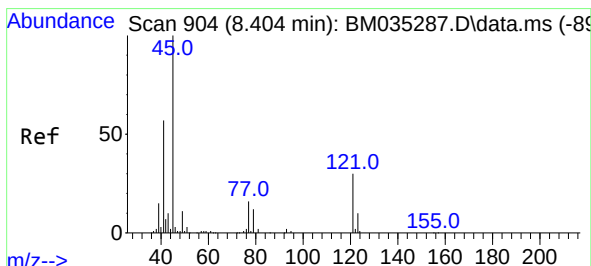
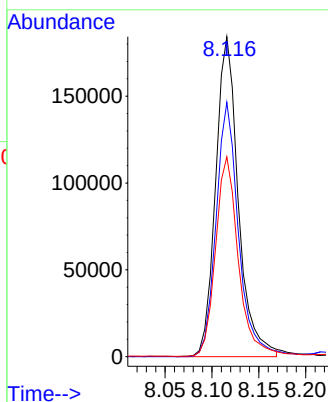
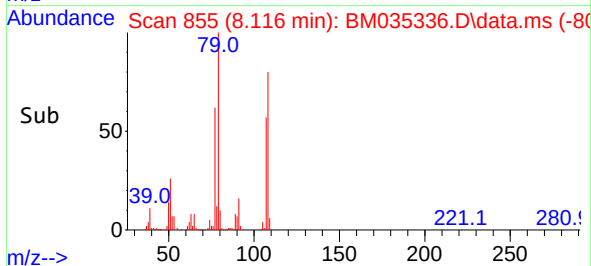
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



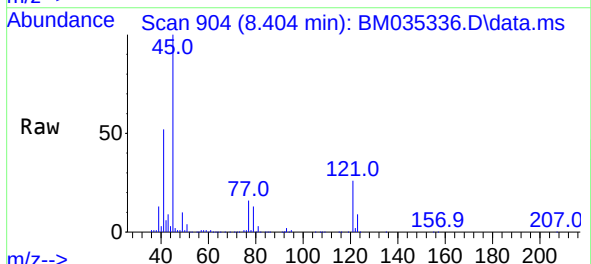
Tgt Ion: 79 Resp: 311279
Ion Ratio Lower Upper
79 100
108 79.4 59.0 88.4
77 62.5 52.2 78.4

Manual Integrations
APPROVED

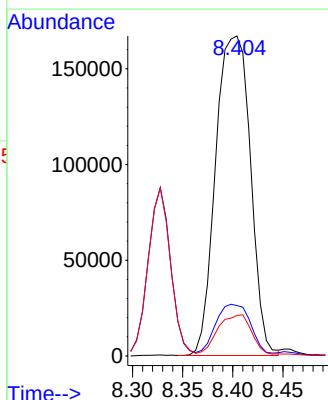
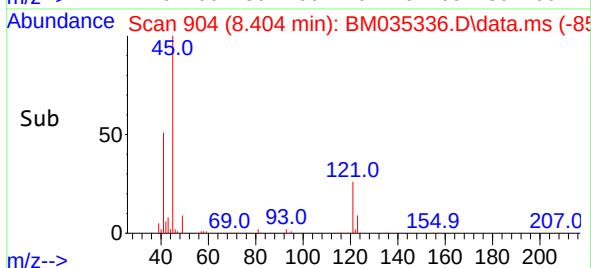
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

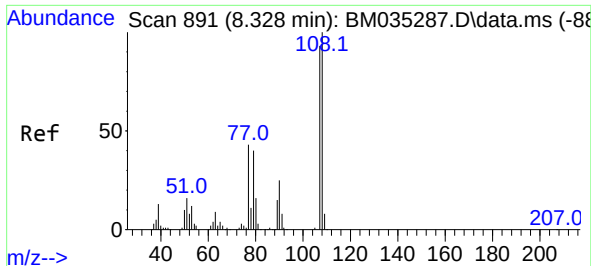


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.182 ng
RT: 8.404 min Scan# 904
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



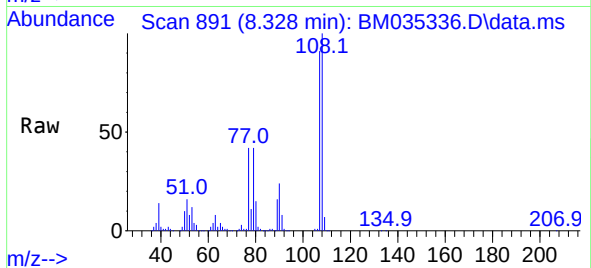
Tgt Ion: 45 Resp: 402524
Ion Ratio Lower Upper
45 100
77 15.8 0.0 33.1
79 12.7 0.0 30.5





#17
2-Methylphenol
Concen: 49.693 ng
RT: 8.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

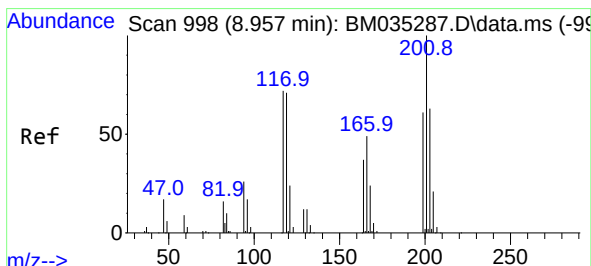
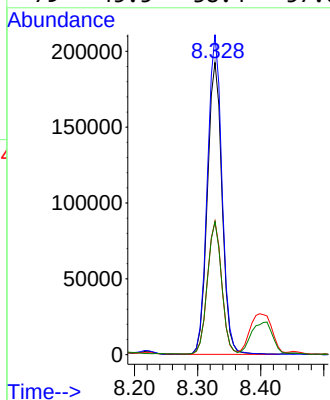
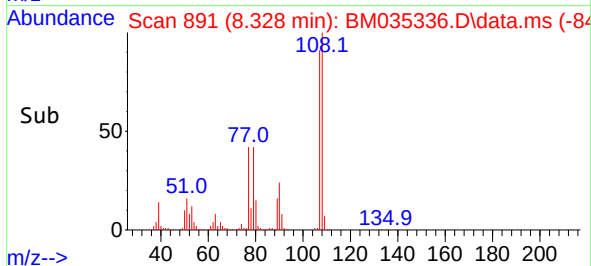
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



Tgt Ion:107 Resp: 309162
Ion Ratio Lower Upper
107 100
108 109.5 88.7 133.1
77 45.7 40.6 60.8
79 45.5 38.4 57.6

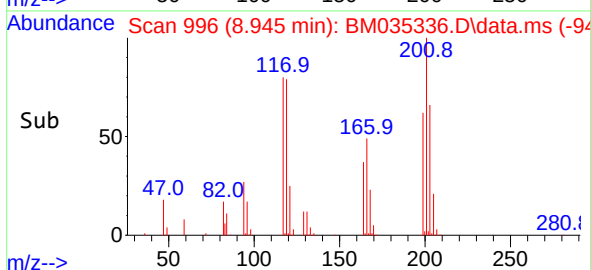
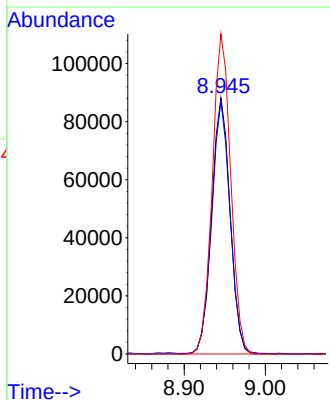
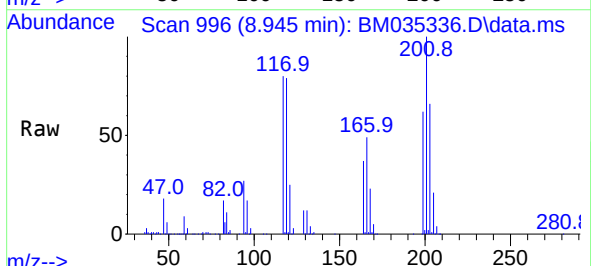
Manual Integrations
APPROVED

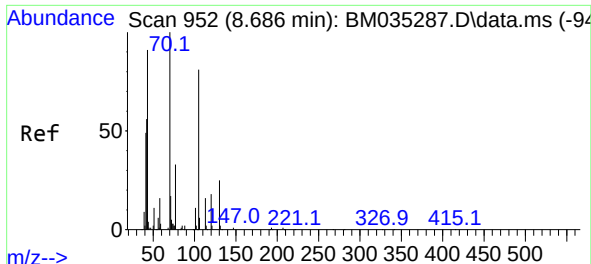
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#18
Hexachloroethane
Concen: 43.570 ng
RT: 8.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

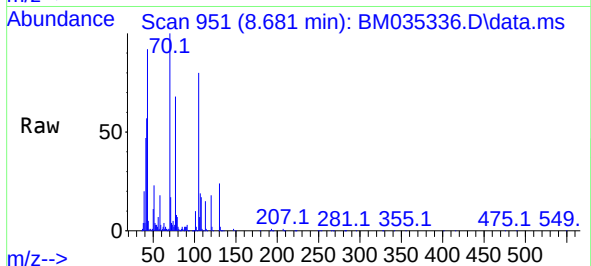
Tgt Ion:117 Resp: 139401
Ion Ratio Lower Upper
117 100
119 98.6 75.8 113.6
201 124.9 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 45.519 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

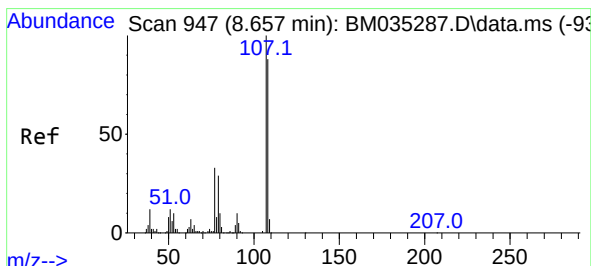
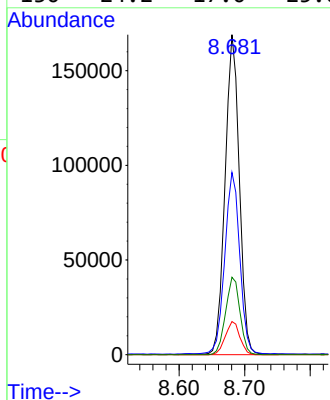
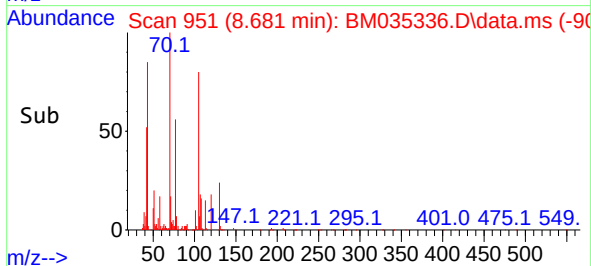
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



Tgt Ion: 70 Resp: 255602
Ion Ratio Lower Upper
70 100
42 57.0 55.4 83.2
101 10.4 7.8 11.6
130 24.2 17.0 25.6

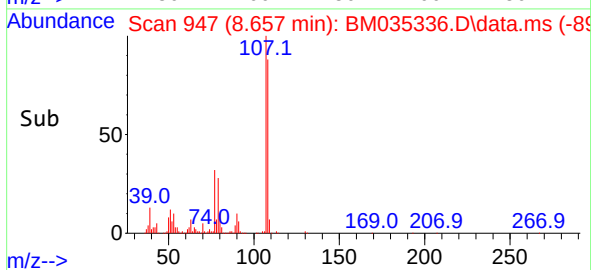
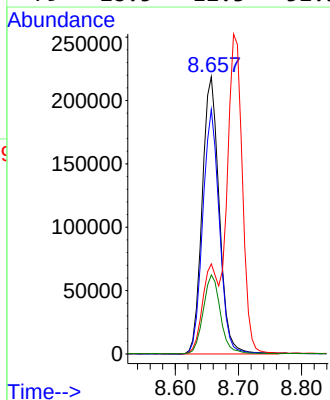
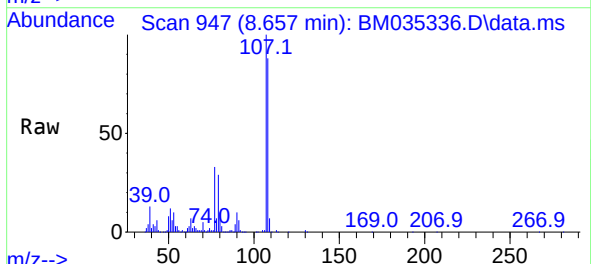
Manual Integrations
APPROVED

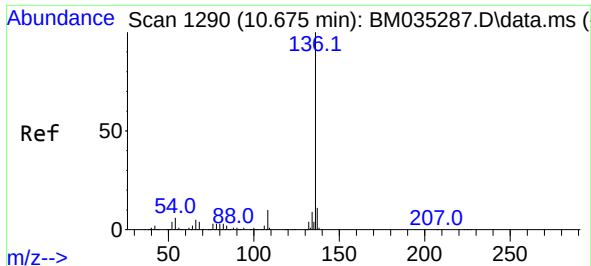
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#20
3+4-Methylphenols
Concen: 48.099 ng
RT: 8.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

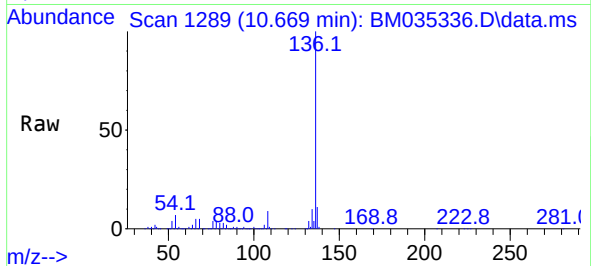
Tgt Ion:107 Resp: 409616
Ion Ratio Lower Upper
107 100
108 88.2 69.3 109.3
77 32.5 15.8 55.8
79 28.5 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

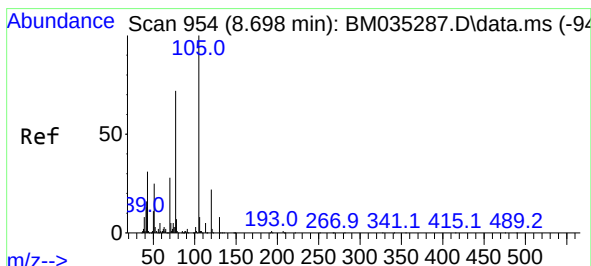
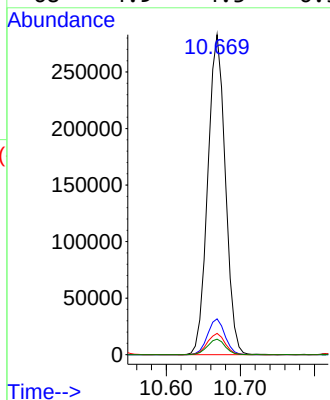
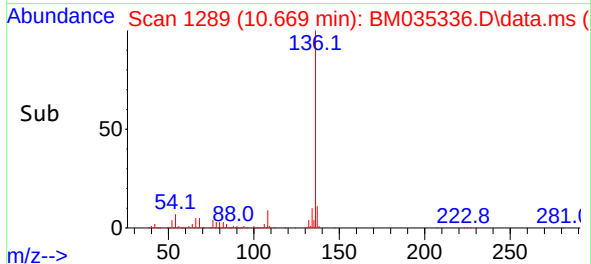
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



Tgt Ion:136 Resp: 46544
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.7 7.0 10.4
68 4.9 4.3 6.5

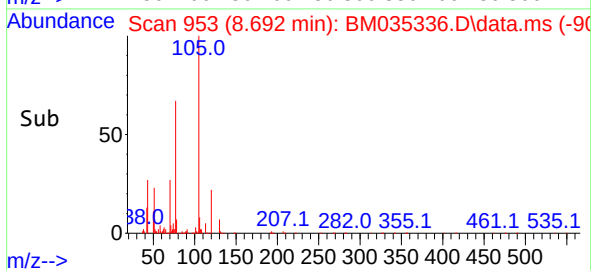
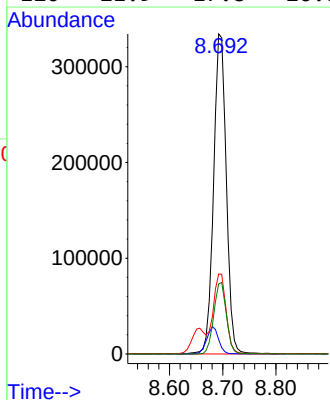
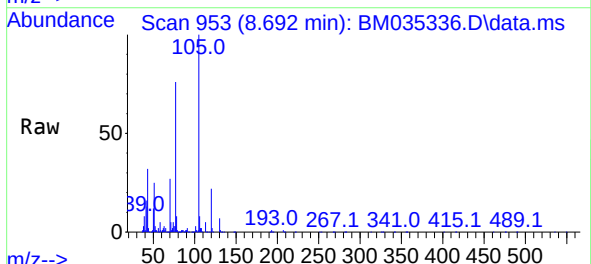
Manual Integrations
APPROVED

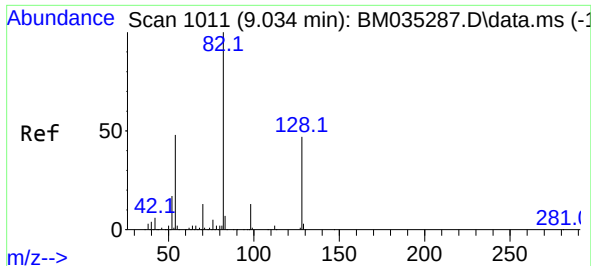
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#22
Acetophenone
Concen: 50.044 ng
RT: 8.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

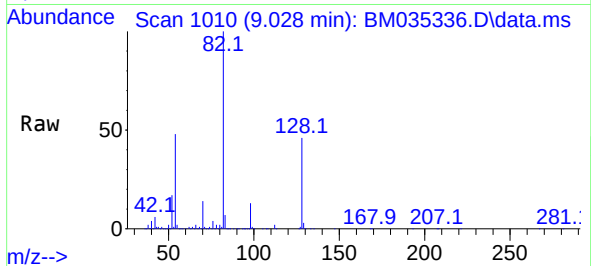
Tgt Ion:105 Resp: 554300
Ion Ratio Lower Upper
105 100
71 4.5 5.0 7.4#
51 25.0 25.6 38.4#
120 21.9 17.8 26.8





#23
Nitrobenzene-d5
Concen: 55.776 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

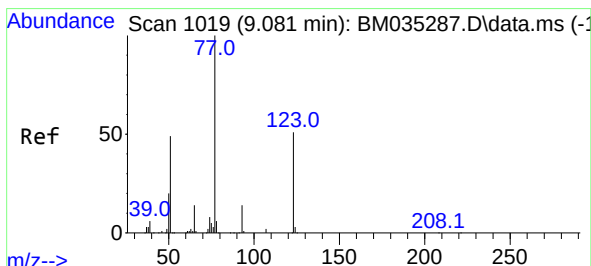
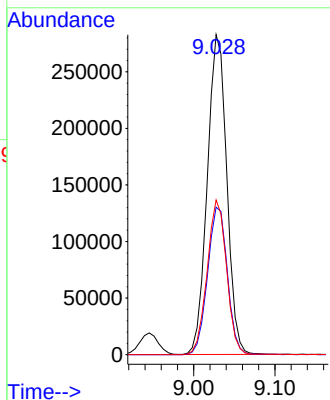
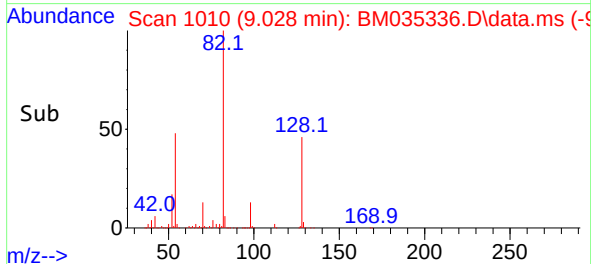
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



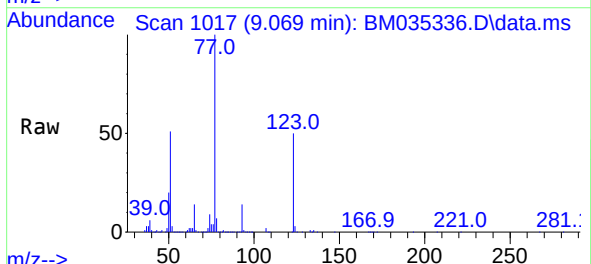
Tgt Ion: 82 Resp: 47159
Ion Ratio Lower Upper
82 100
128 46.1 33.7 50.5
54 48.4 43.2 64.8

Manual Integrations
APPROVED

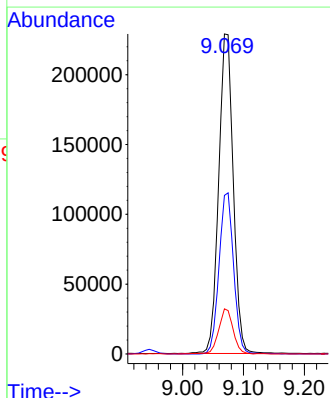
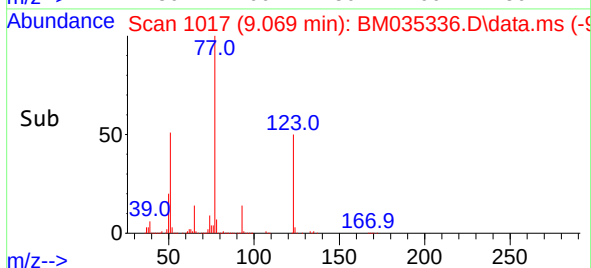
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

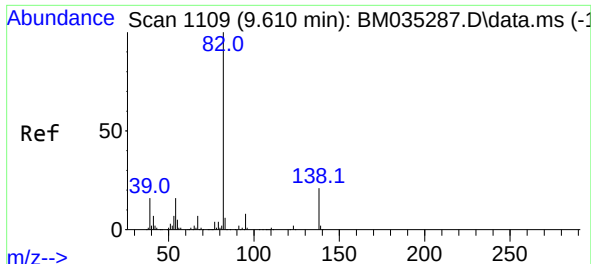


#24
Nitrobenzene
Concen: 48.782 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



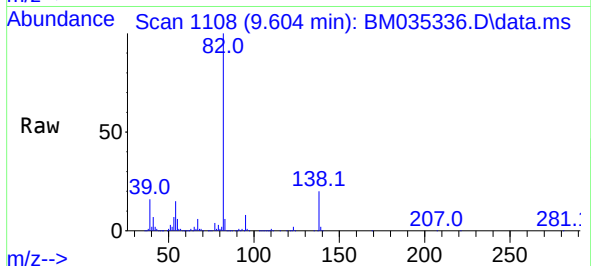
Tgt Ion: 77 Resp: 380422
Ion Ratio Lower Upper
77 100
123 49.6 36.2 54.4
65 14.1 11.4 17.0





#25
Isophorone
Concen: 54.110 ng
RT: 9.604 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

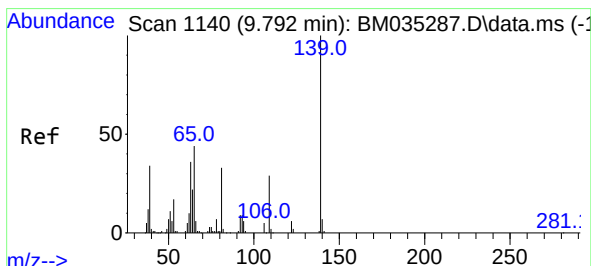
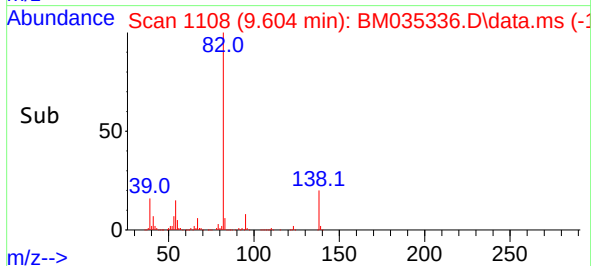
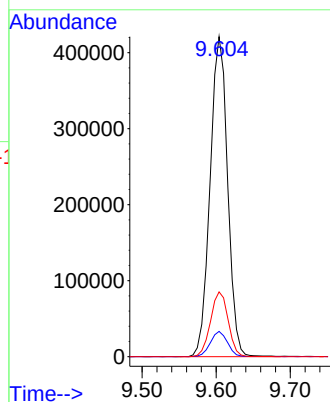
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



Tgt Ion: 82 Resp: 69245
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 20.3 14.2 21.4

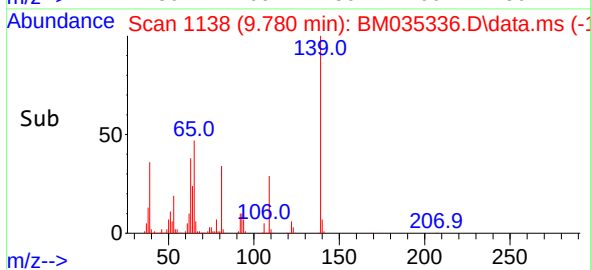
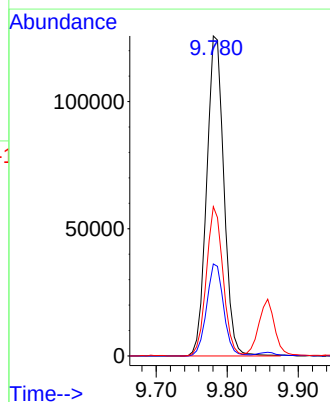
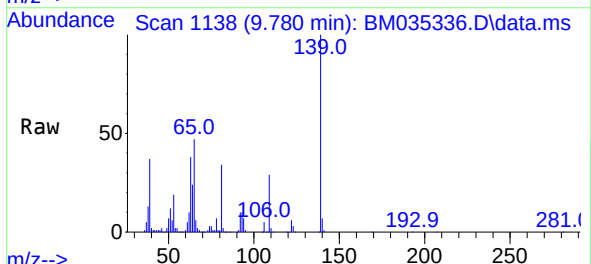
Manual Integrations
APPROVED

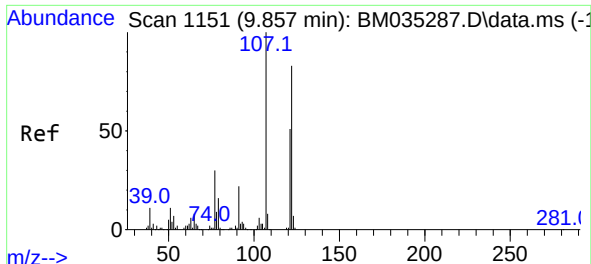
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#26
2-Nitrophenol
Concen: 52.736 ng
RT: 9.780 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

Tgt Ion:139 Resp: 212204
Ion Ratio Lower Upper
139 100
109 28.8 25.6 38.4
65 46.6 43.2 64.8





#27

2,4-Dimethylphenol

Concen: 60.752 ng

RT: 9.857 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BM035336.D

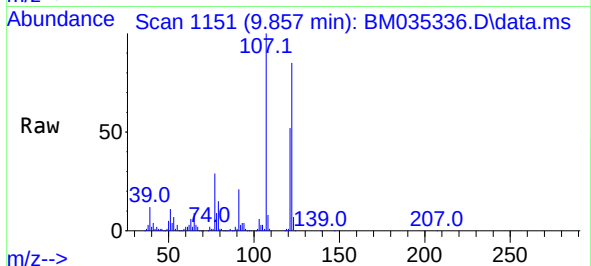
Acq: 31 May 2022 21:38

Instrument :

BNA_M

ClientSampleId :

P043-SS001-0612-01MSD



Tgt Ion:122 Resp: 342390

Ion Ratio Lower Upper

122 100

107 117.6 92.4 138.6

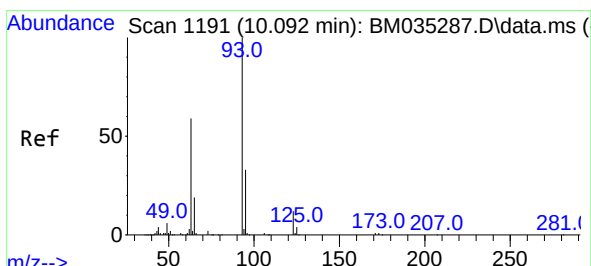
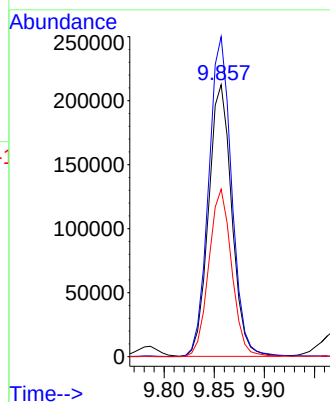
121 61.6 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/01/2022

Supervised By :Jagrut Upadhyay 06/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.004 ng

RT: 10.080 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BM035336.D

Acq: 31 May 2022 21:38

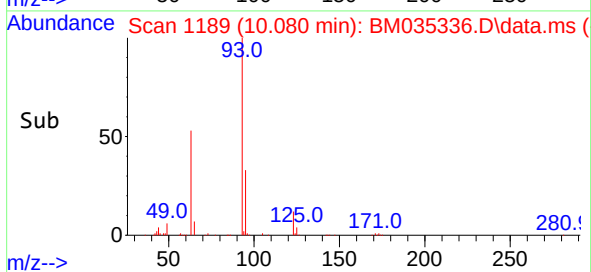
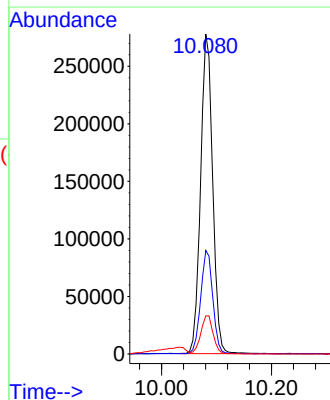
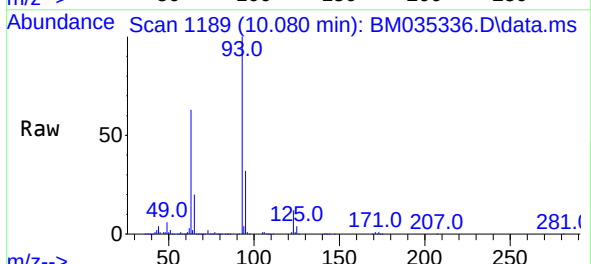
Tgt Ion: 93 Resp: 424089

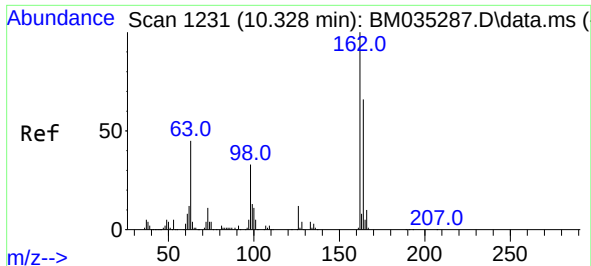
Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

123 11.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 53.501 ng

RT: 10.327 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BM035336.D

Acq: 31 May 2022 21:38

Instrument :

BNA_M

ClientSampleId :

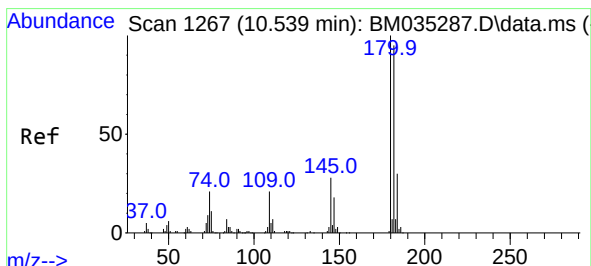
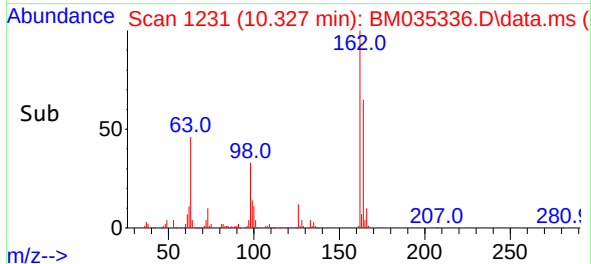
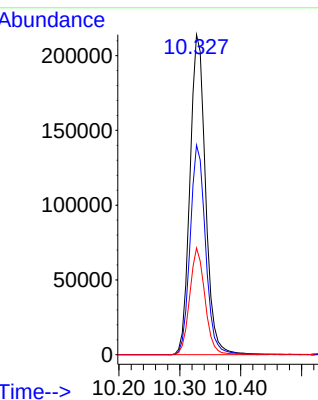
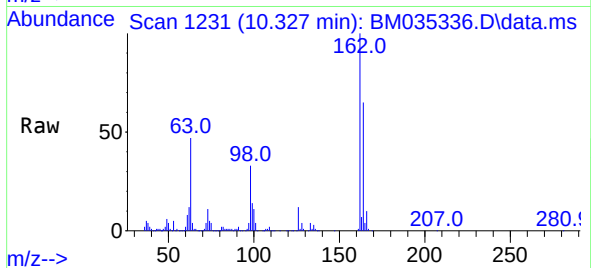
P043-SS001-0612-01MSD

Tgt Ion:162 Resp: 37975
 Ion Ratio Lower Upper
 162 100
 164 65.5 44.2 84.2
 98 33.4 15.0 55.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/01/2022
 Supervised By :Jagrut Upadhyay 06/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 52.276 ng

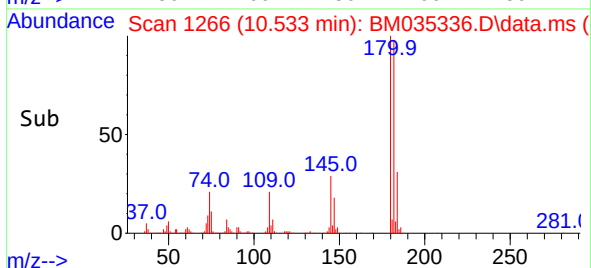
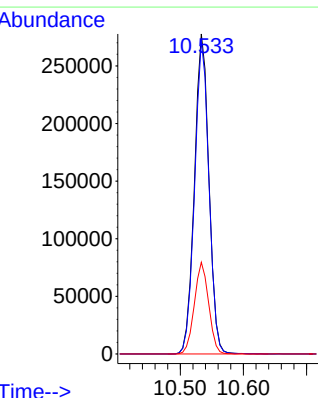
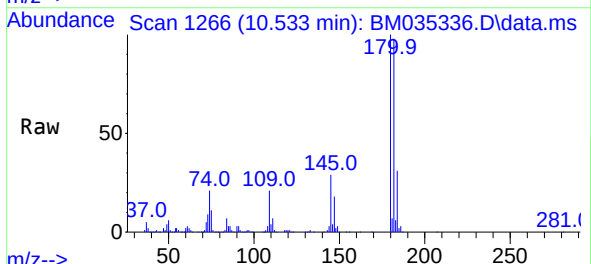
RT: 10.533 min Scan# 1266

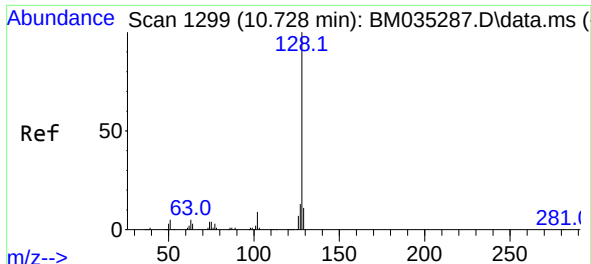
Delta R.T. -0.006 min

Lab File: BM035336.D

Acq: 31 May 2022 21:38

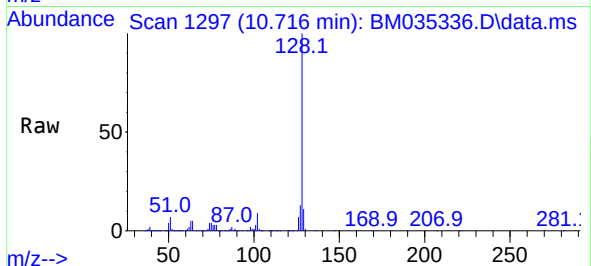
Tgt Ion:180 Resp: 442980
 Ion Ratio Lower Upper
 180 100
 182 98.0 77.9 116.9
 145 28.7 25.0 37.6





#31
Naphthalene
Concen: 51.120 ng
RT: 10.716 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

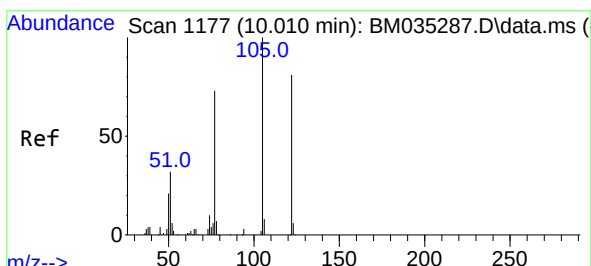
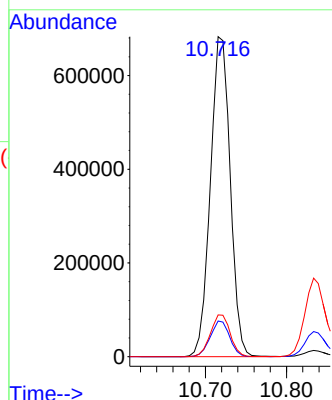
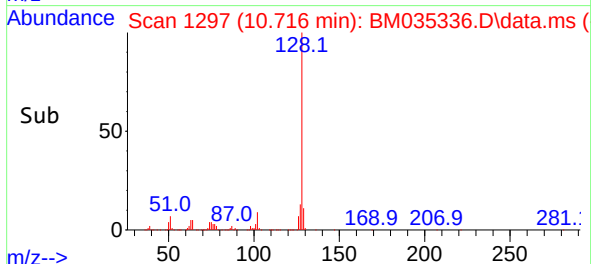
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



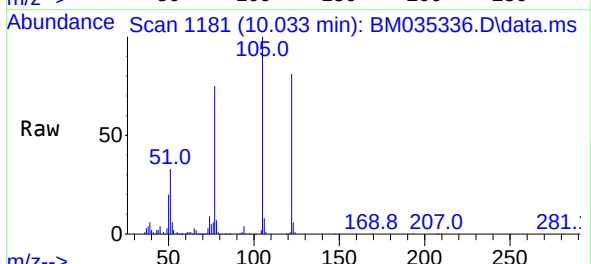
Tgt Ion:128 Resp: 115938
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.6 16.0

Manual Integrations
APPROVED

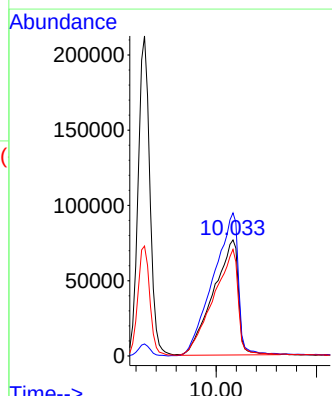
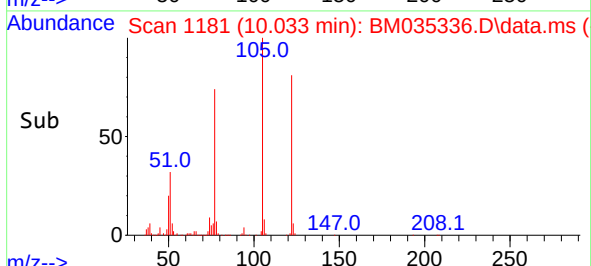
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

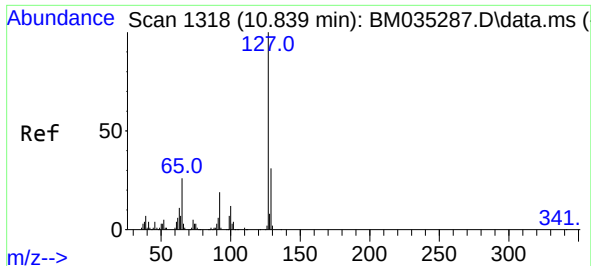


#32
Benzoic acid
Concen: 51.846 ng
RT: 10.033 min Scan# 1181
Delta R.T. 0.023 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



Tgt Ion:122 Resp: 264773
Ion Ratio Lower Upper
122 100
105 123.4 105.7 145.7
77 92.0 80.0 120.0





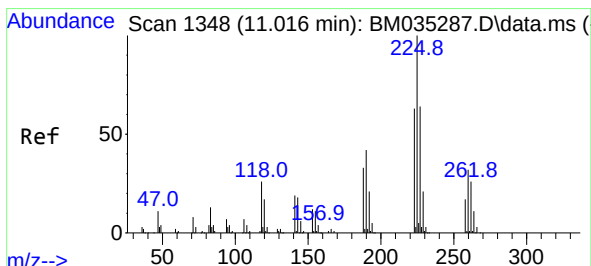
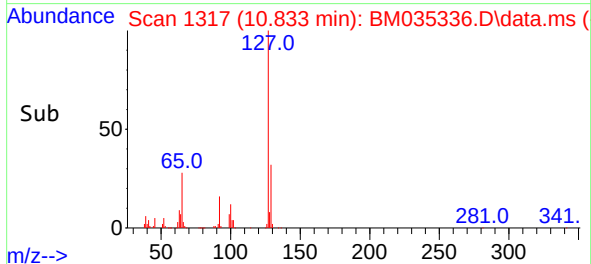
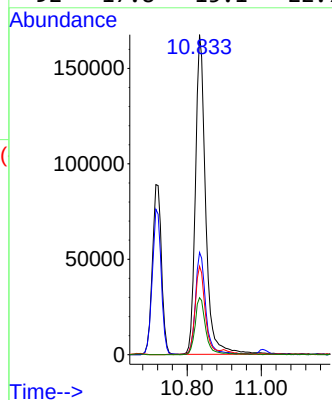
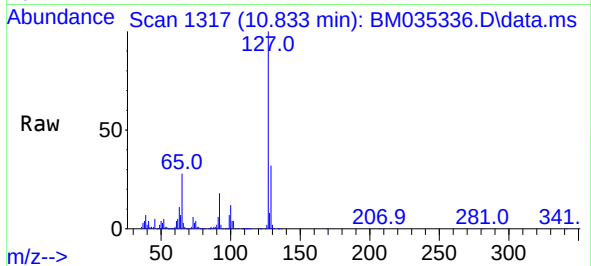
#33
4-Chloroaniline
Concen: 35.893 ng
RT: 10.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD

Tgt Ion:	127	Resp:	32242
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.7	38.5
65	27.7	26.6	40.0
92	17.8	15.1	22.7

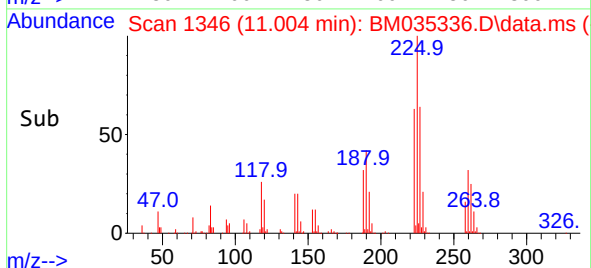
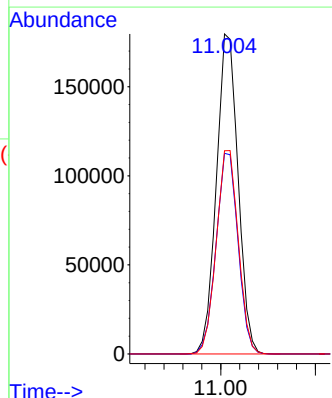
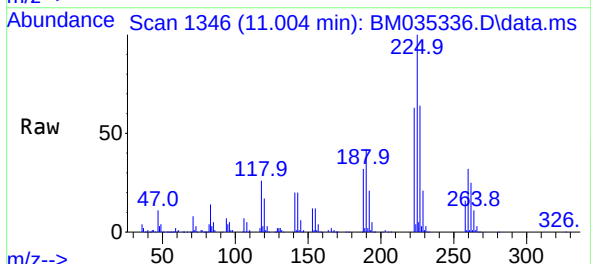
Manual Integrations
APPROVED

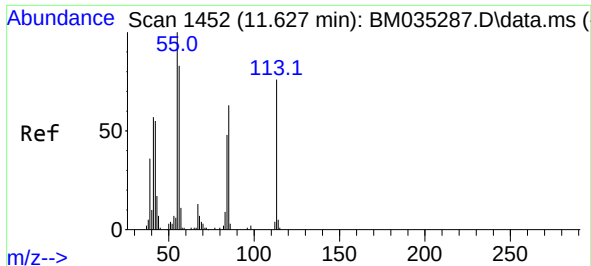
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#34
Hexachlorobutadiene
Concen: 51.530 ng
RT: 11.004 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

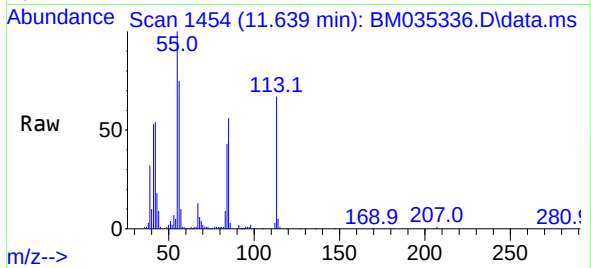
Tgt Ion:	225	Resp:	285711
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.8	76.2
227	63.5	52.7	79.1





#35
Caprolactam
Concen: 55.673 ng
RT: 11.639 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

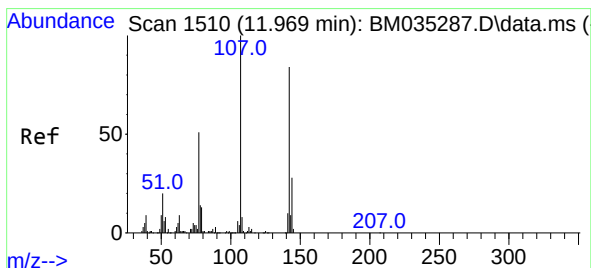
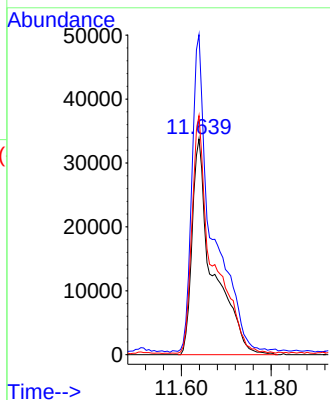
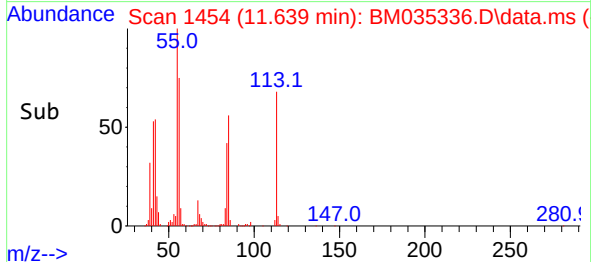
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



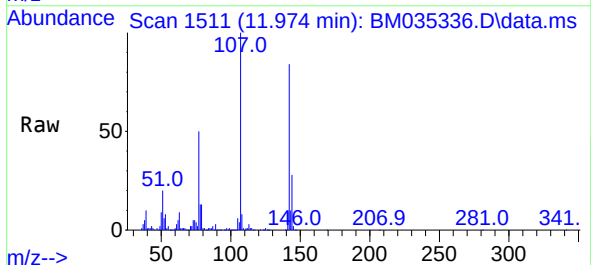
Tgt Ion:113 Resp: 108435
Ion Ratio Lower Upper
113 100
55 148.2 150.1 190.1
56 110.7 111.7 151.7

Manual Integrations
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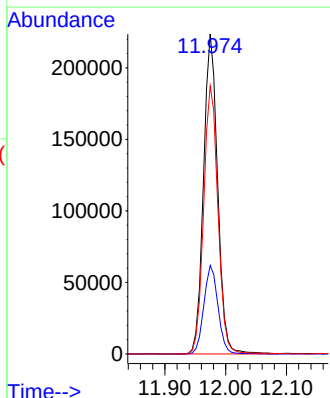
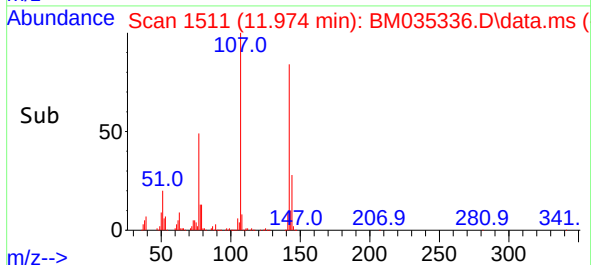
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

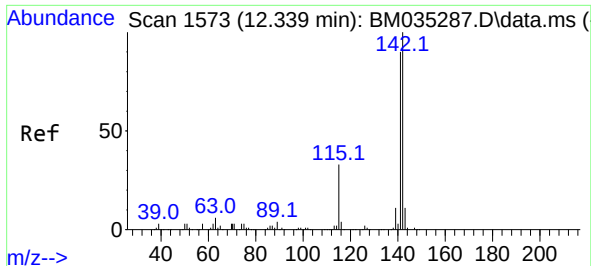


#36
4-Chloro-3-methylphenol
Concen: 51.215 ng
RT: 11.974 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



Tgt Ion:107 Resp: 361155
Ion Ratio Lower Upper
107 100
144 27.6 21.4 32.0
142 83.8 66.7 100.1





#37

2-Methylnaphthalene

Concen: 50.902 ng

RT: 12.333 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM035336.D

Acq: 31 May 2022 21:38

Instrument :

BNA_M

ClientSampleId :

P043-SS001-0612-01MSD

Tgt Ion:142 Resp: 81402

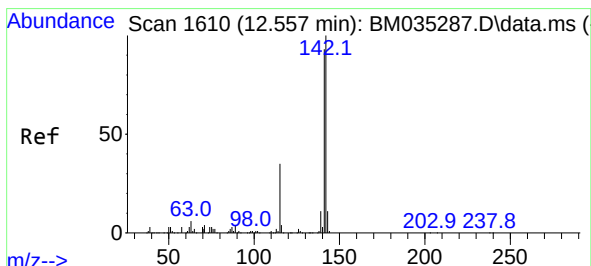
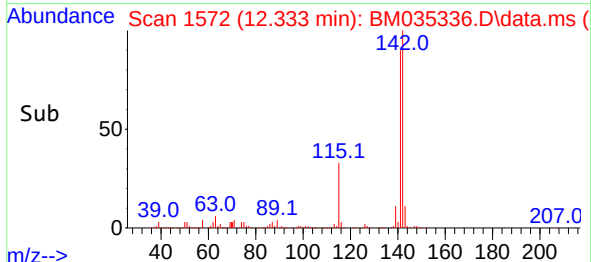
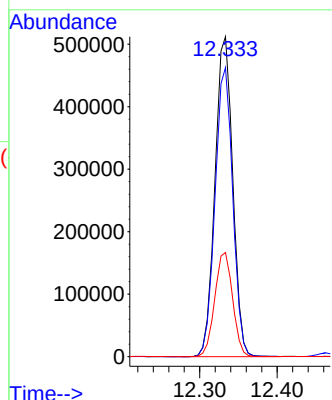
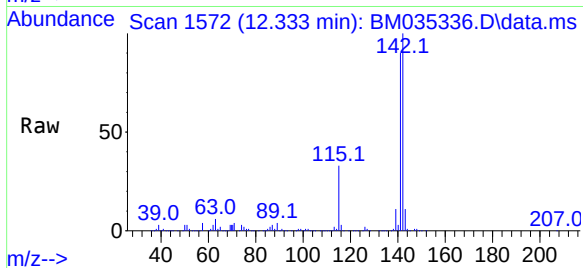
Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.4	108.6
115	32.6	29.6	44.4

Manual Integrations

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Reviewed By :Christian Giraldo 06/01/2022

Supervised By :Jagrut Upadhyay 06/01/2022



#38

1-Methylnaphthalene

Concen: 50.194 ng

RT: 12.551 min Scan# 1609

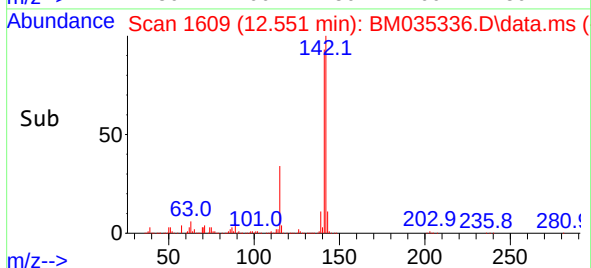
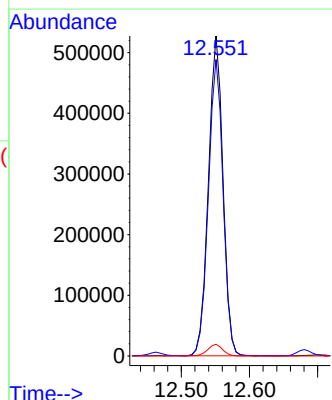
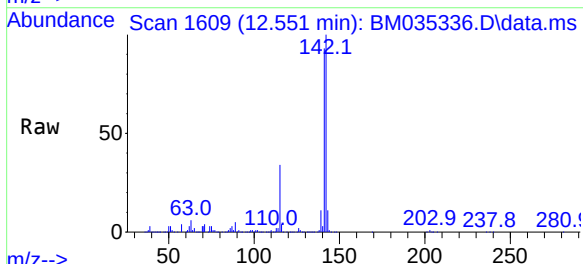
Delta R.T. -0.006 min

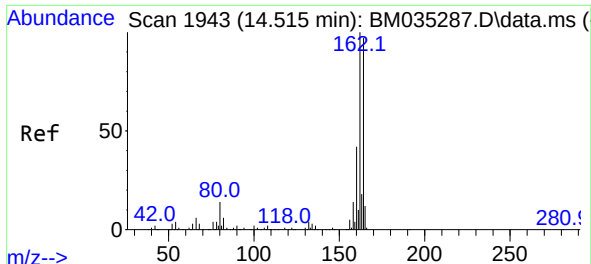
Lab File: BM035336.D

Acq: 31 May 2022 21:38

Tgt Ion:142 Resp: 784678

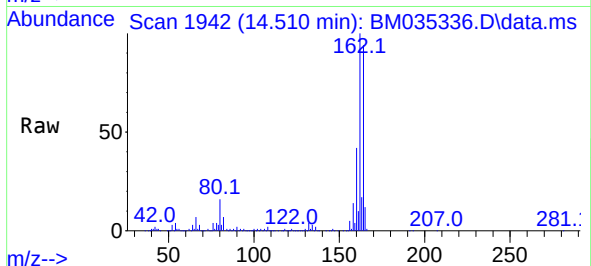
Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.0	112.4
116	3.7	3.4	5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

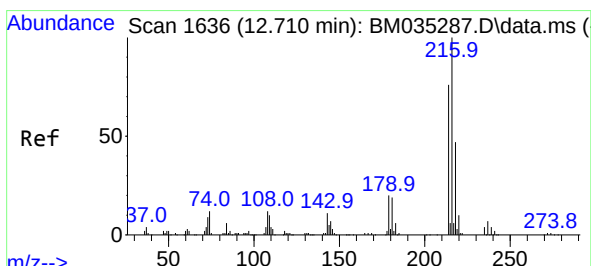
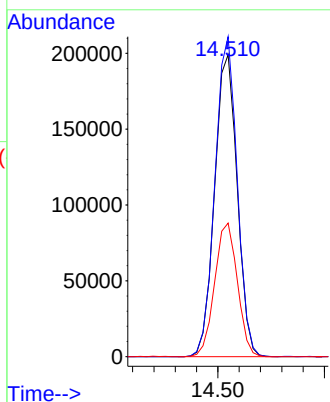
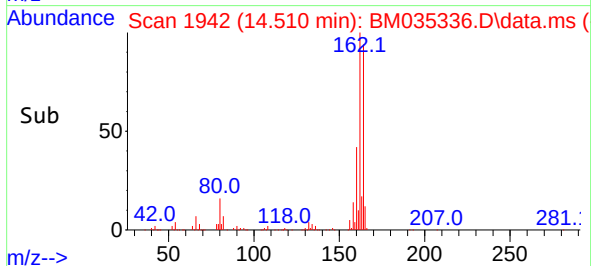
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



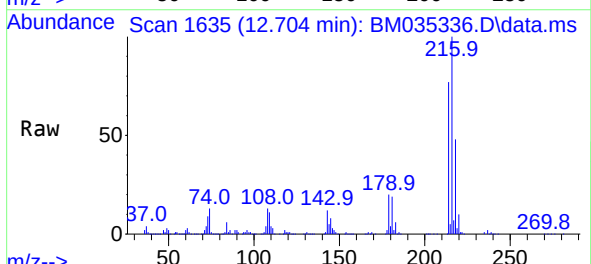
Tgt Ion:164 Resp: 292604
Ion Ratio Lower Upper
164 100
162 105.9 83.0 124.6
160 44.2 37.0 55.4

Manual Integrations
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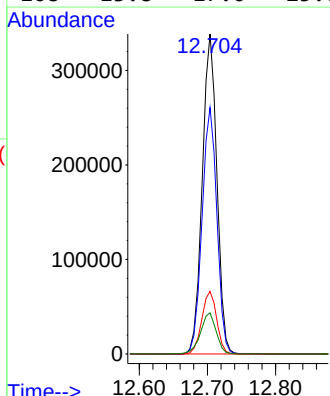
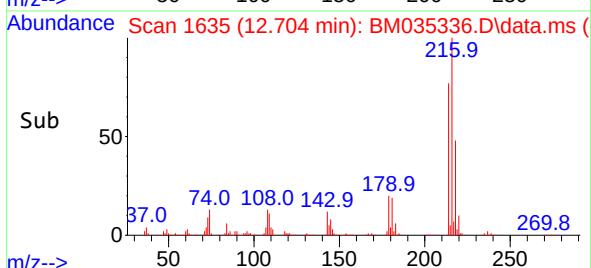
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

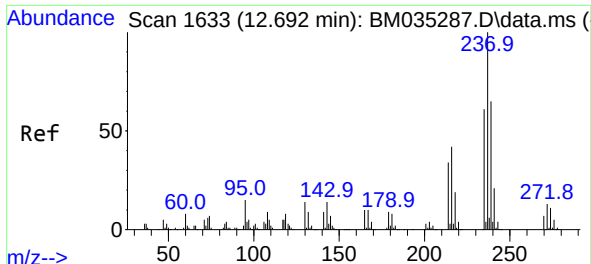


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.782 ng
RT: 12.704 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



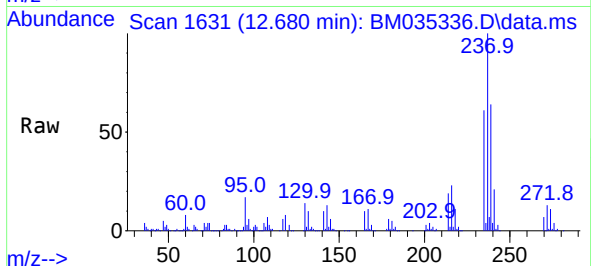
Tgt Ion:216 Resp: 503948
Ion Ratio Lower Upper
216 100
214 78.2 62.6 94.0
179 19.9 18.2 27.2
108 13.8 17.0 25.6#





#41
Hexachlorocyclopentadiene
Concen: 30.100 ng
RT: 12.680 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

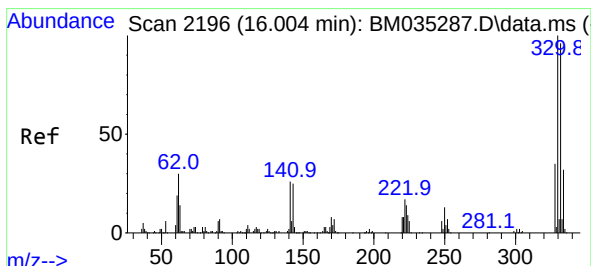
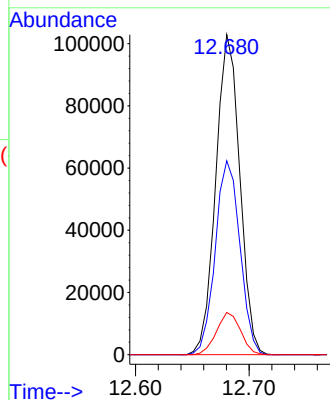
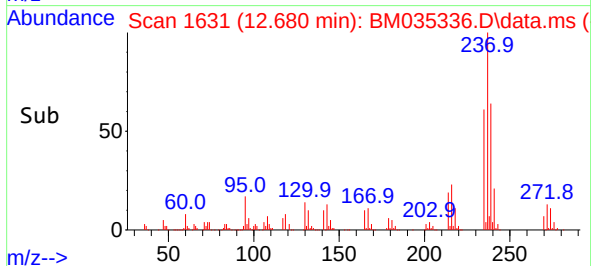
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



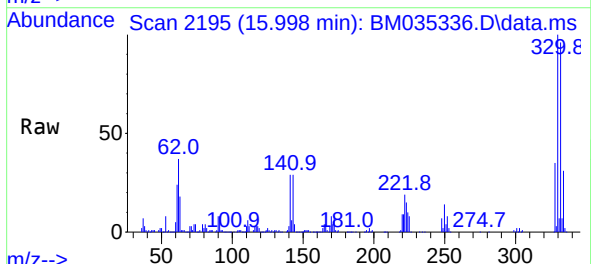
Tgt Ion:237 Resp: 151315
Ion Ratio Lower Upper
237 100
235 60.6 43.8 83.8
272 13.2 0.0 32.5

Manual Integrations
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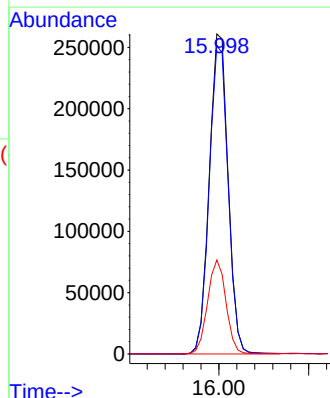
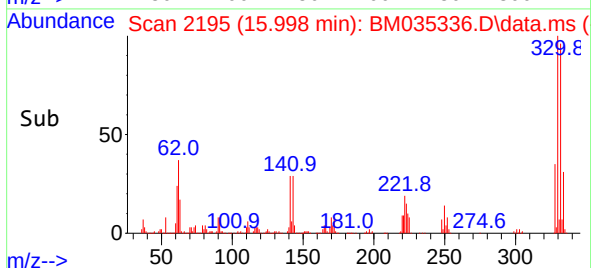
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

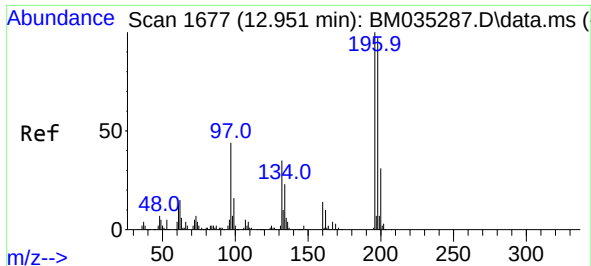


#42
2,4,6-Tribromophenol
Concen: 100.039 ng
RT: 15.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



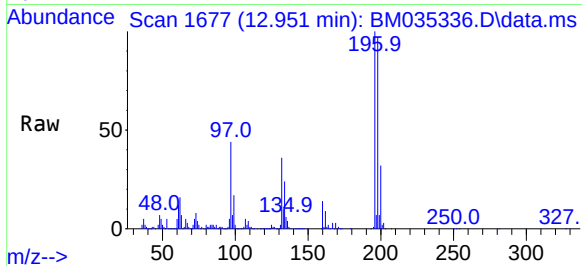
Tgt Ion:330 Resp: 379741
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 28.8 35.3 52.9#





#43
2,4,6-Trichlorophenol
Concen: 53.429 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

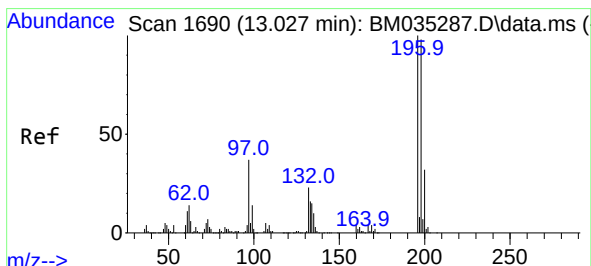
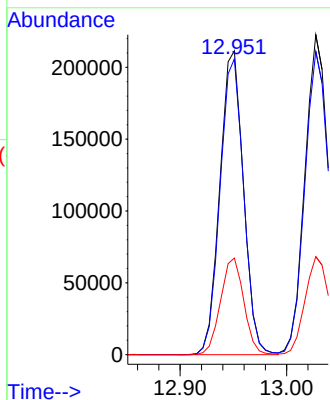
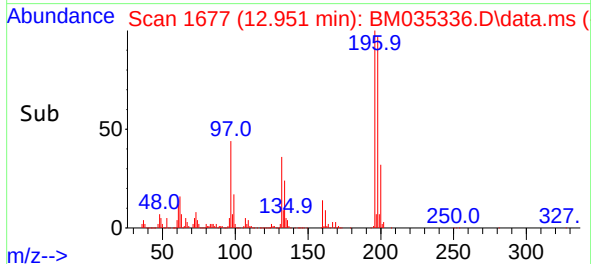
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



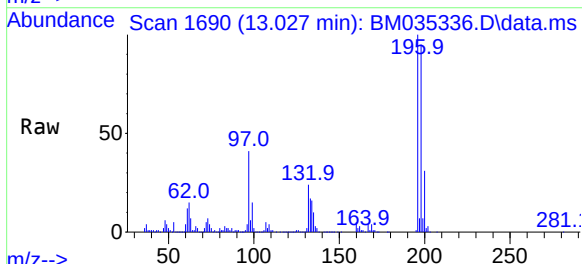
Tgt Ion:196 Resp: 326250
Ion Ratio Lower Upper
196 100
198 97.3 75.8 113.6
200 31.8 24.9 37.3

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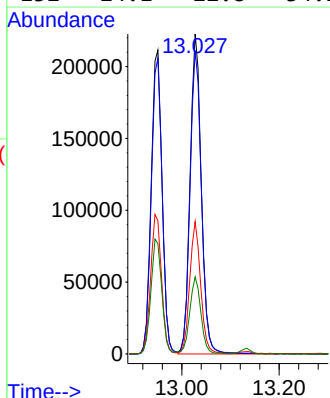
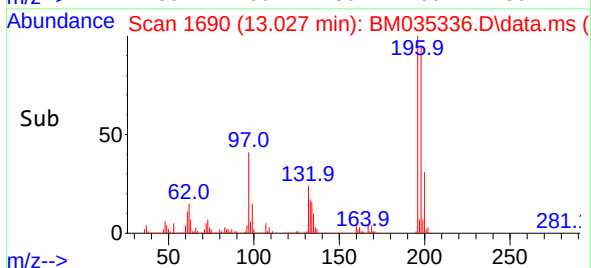
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

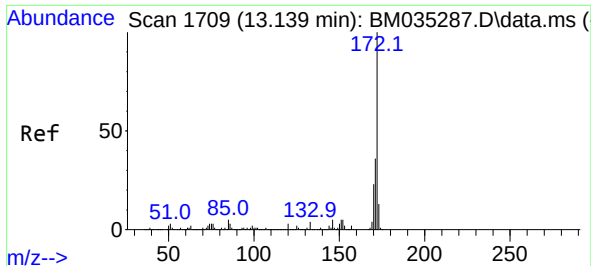


#44
2,4,5-Trichlorophenol
Concen: 55.335 ng
RT: 13.027 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



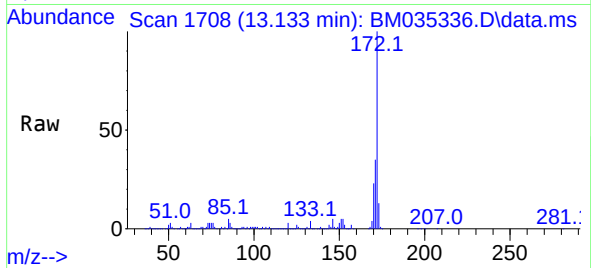
Tgt Ion:196 Resp: 359417
Ion Ratio Lower Upper
196 100
198 94.8 77.8 116.6
97 41.4 43.4 65.2#
132 24.1 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 58.389 ng
RT: 13.133 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

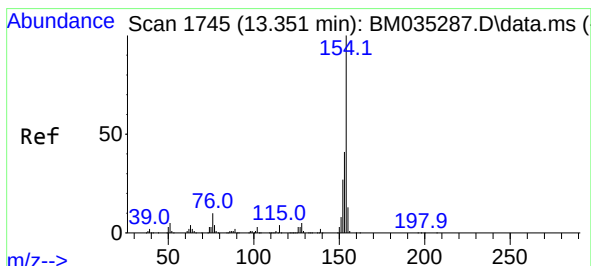
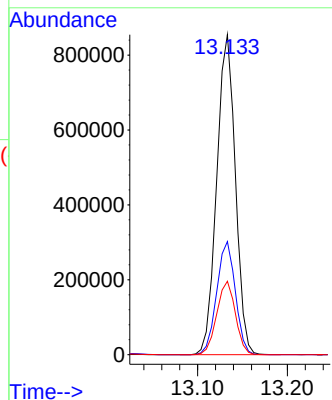
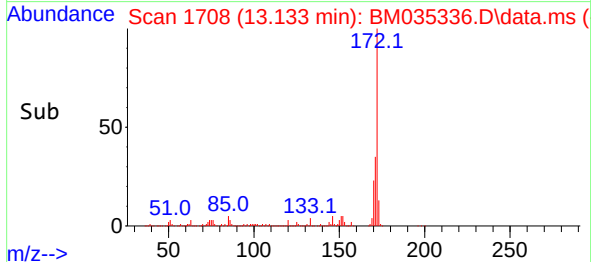
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



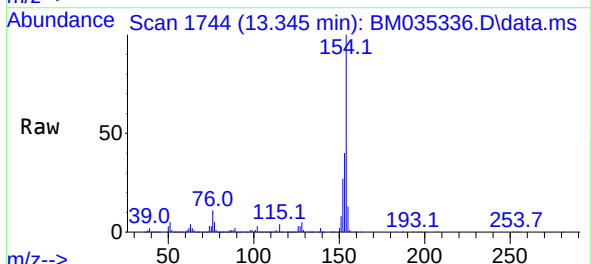
Tgt Ion:172 Resp: 1231999
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.9 18.7 28.1

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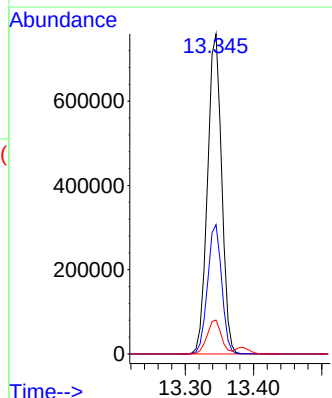
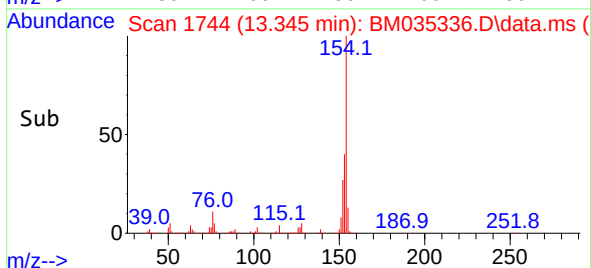
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

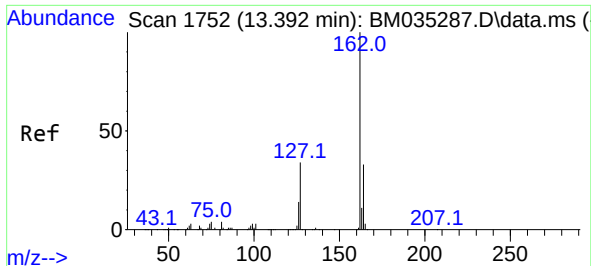


#46
1,1'-Biphenyl
Concen: 50.823 ng
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



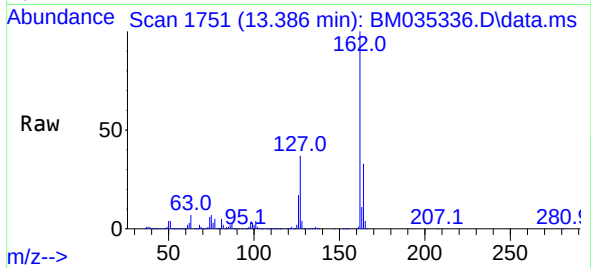
Tgt Ion:154 Resp: 1095720
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 10.6 0.0 31.8





#47
2-Chloronaphthalene
Concen: 51.698 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

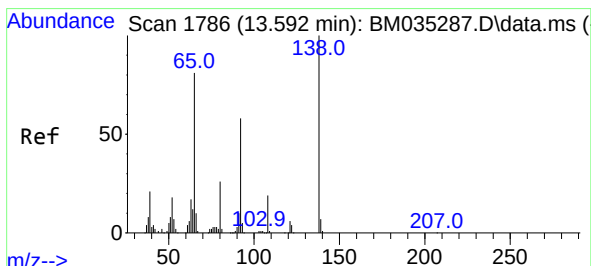
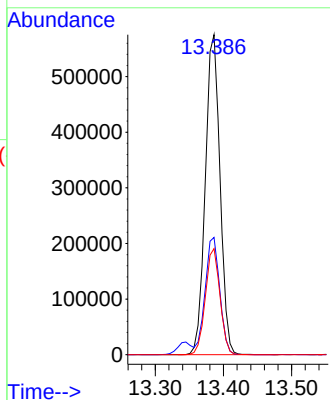
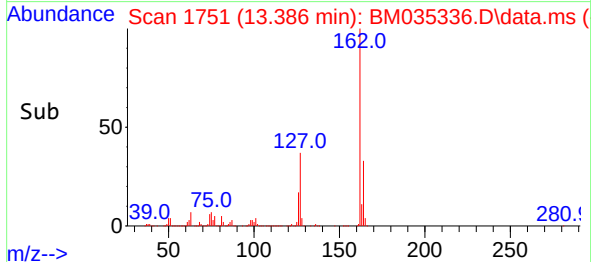
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



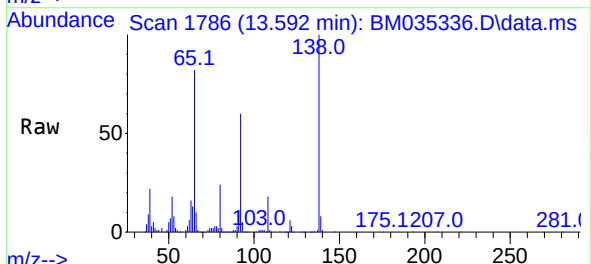
Tgt Ion:162 Resp: 864198
Ion Ratio Lower Upper
162 100
127 36.7 30.6 45.8
164 33.1 26.6 39.8

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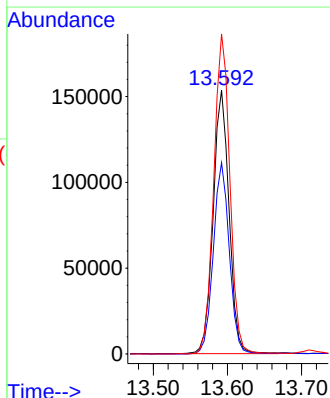
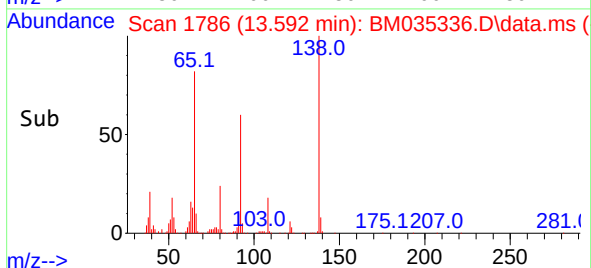
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

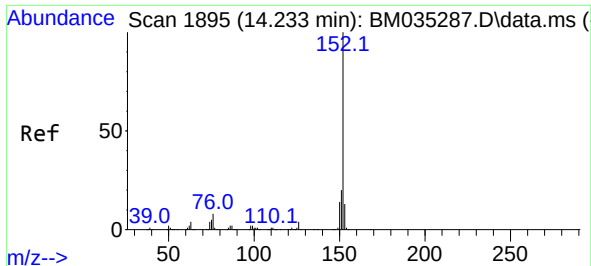


#48
2-Nitroaniline
Concen: 54.996 ng
RT: 13.592 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



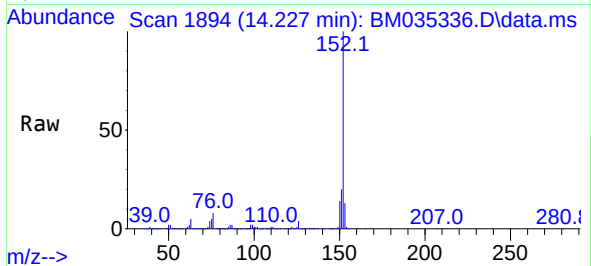
Tgt Ion: 65 Resp: 229392
Ion Ratio Lower Upper
65 100
92 72.5 53.7 80.5
138 121.3 83.9 125.9





#49
Acenaphthylene
Concen: 55.121 ng
RT: 14.227 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

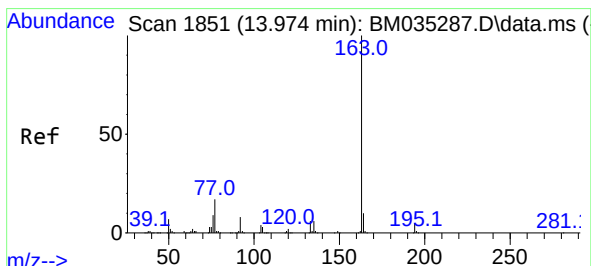
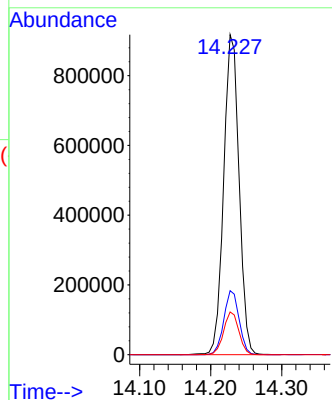
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



Tgt Ion:152 Resp: 1373860
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.3 10.5 15.7

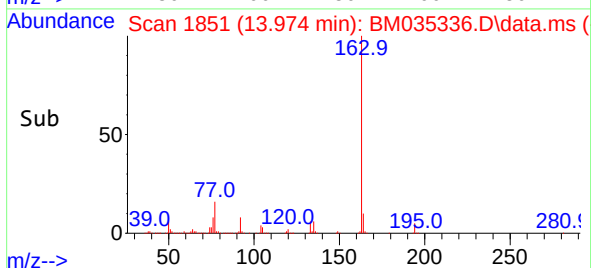
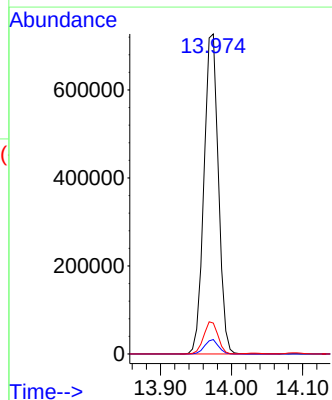
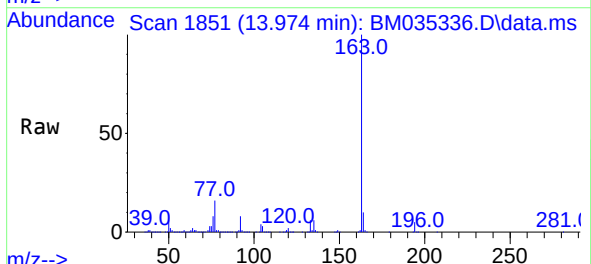
Manual Integrations
APPROVED

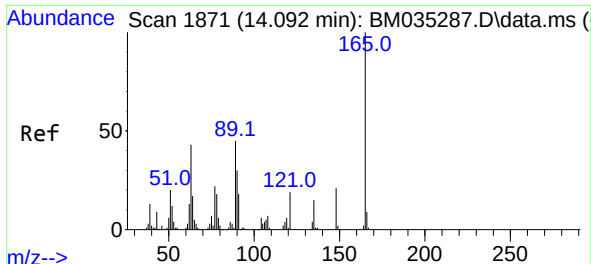
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#50
Dimethylphthalate
Concen: 49.622 ng
RT: 13.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

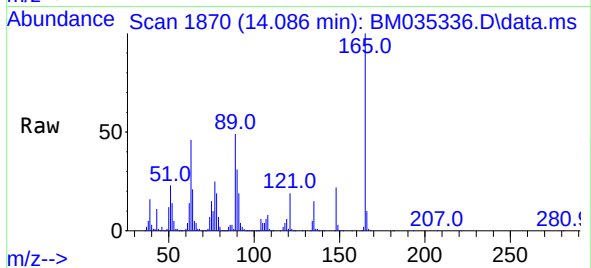
Tgt Ion:163 Resp: 1029686
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.4#
164 9.7 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 53.146 ng
RT: 14.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

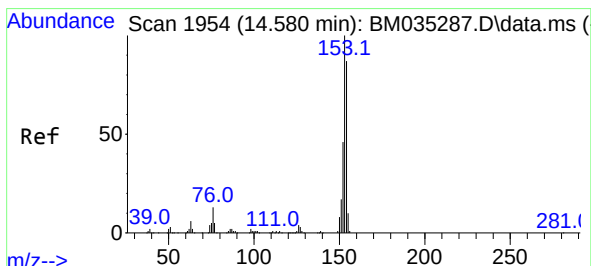
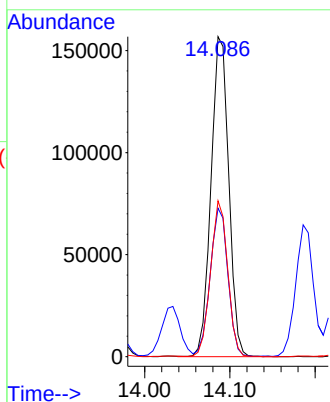
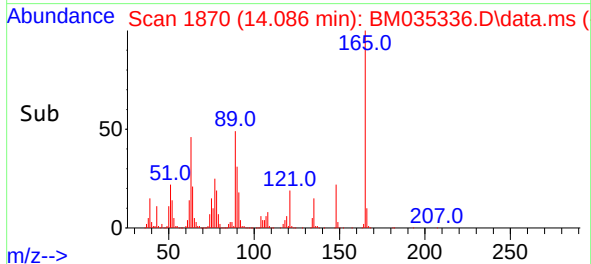
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:165 Resp: 22638
Ion Ratio Lower Upper
165 100
63 46.4 50.2 75.2
89 48.7 48.4 72.6

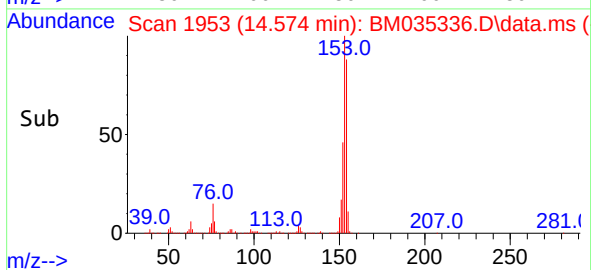
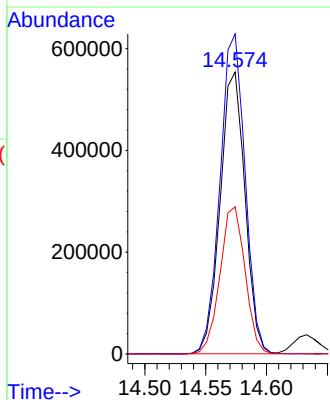
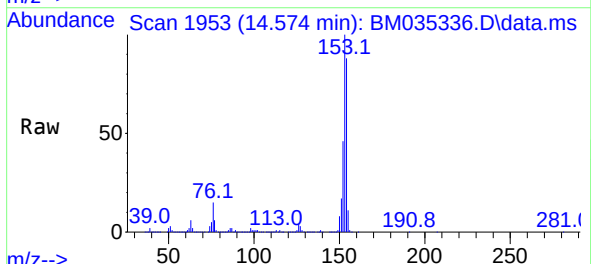
Manual Integrations
APPROVED

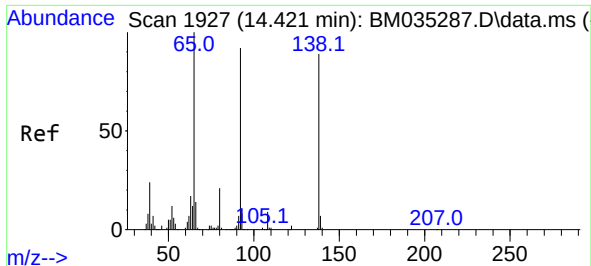
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#52
Acenaphthene
Concen: 51.887 ng
RT: 14.574 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

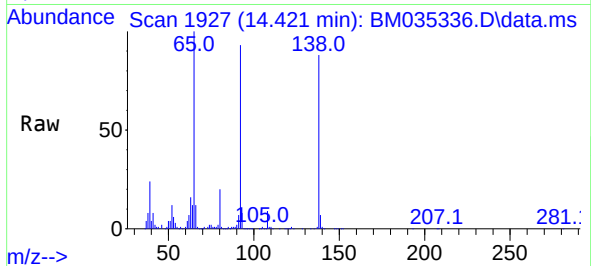
Tgt Ion:154 Resp: 787567
Ion Ratio Lower Upper
154 100
153 113.5 91.0 136.6
152 52.2 43.4 65.2





#53
3-Nitroaniline
Concen: 52.213 ng
RT: 14.421 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

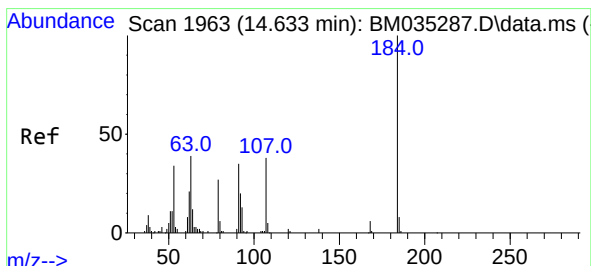
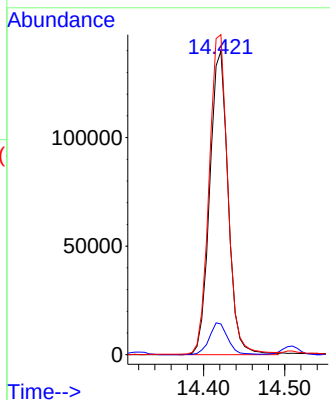
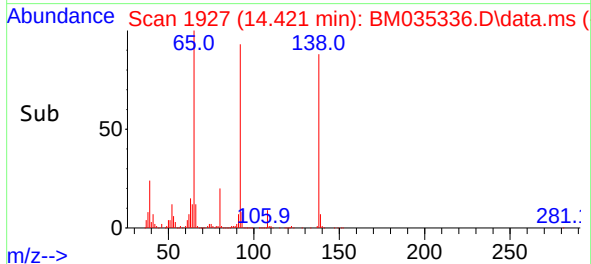
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



Tgt Ion:138 Resp: 220340
Ion Ratio Lower Upper
138 100
108 10.1 8.7 13.1
92 105.4 91.5 137.3

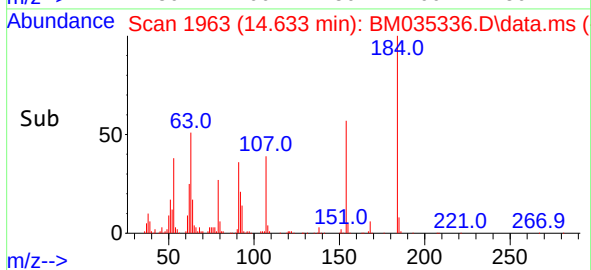
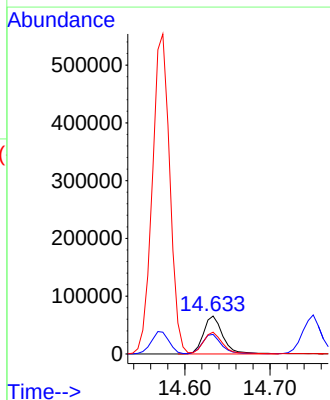
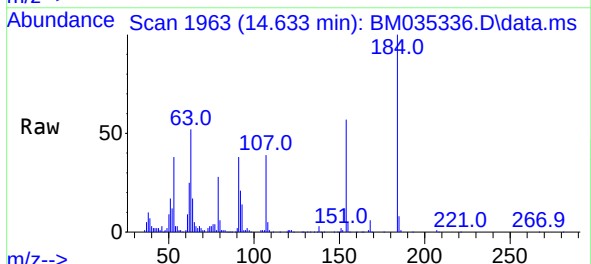
Manual Integrations
APPROVED

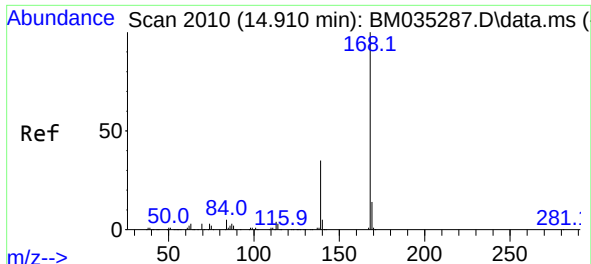
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#54
2,4-Dinitrophenol
Concen: 38.039 ng
RT: 14.633 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

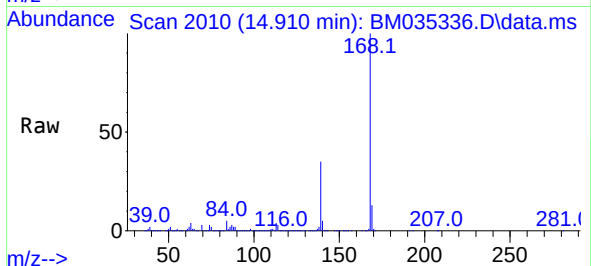
Tgt Ion:184 Resp: 103496
Ion Ratio Lower Upper
184 100
63 51.7 59.5 89.3#
154 57.5 55.6 83.4





#55
Dibenzenofuran
Concen: 50.707 ng
RT: 14.910 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

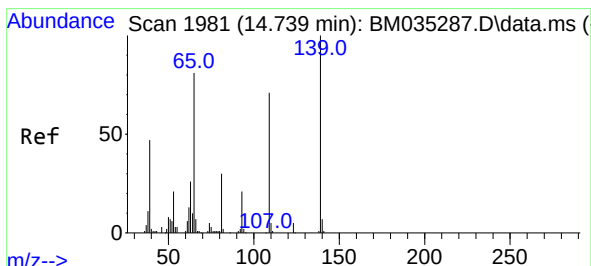
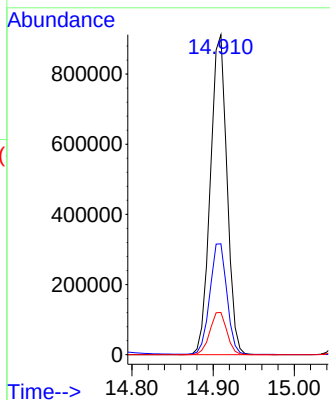
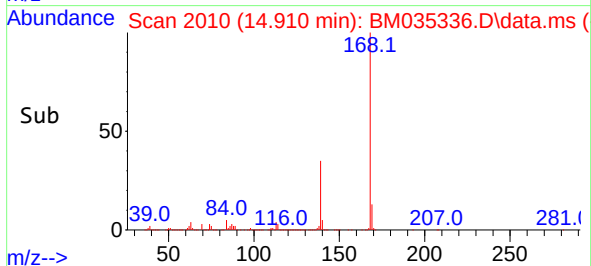
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



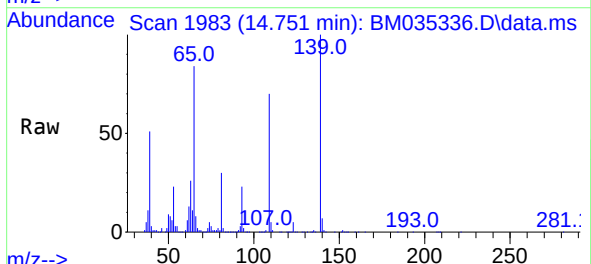
Tgt Ion:168 Resp: 129628
Ion Ratio Lower Upper
168 100
139 34.6 32.2 48.2
169 13.2 10.6 16.0

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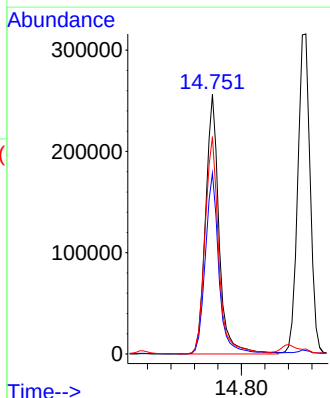
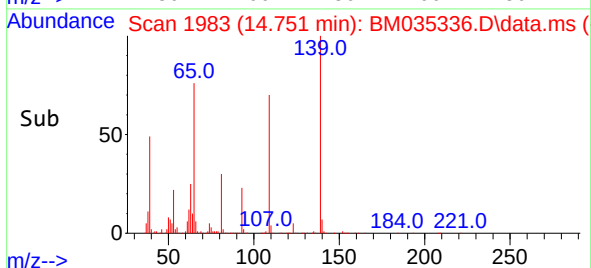
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

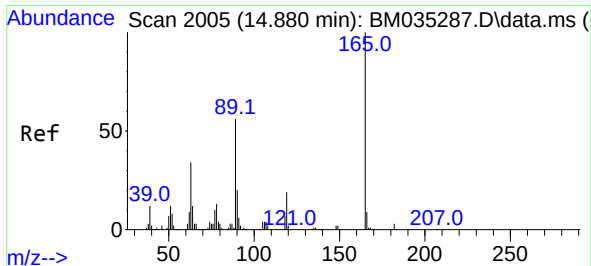


#56
4-Nitrophenol
Concen: 124.836 ng
RT: 14.751 min Scan# 1983
Delta R.T. 0.012 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



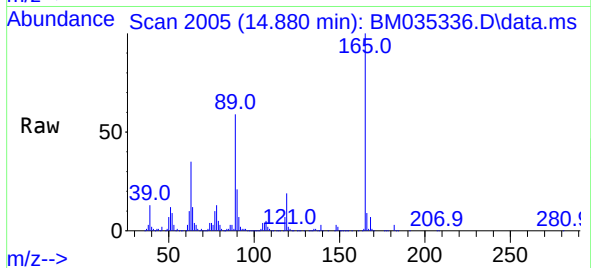
Tgt Ion:139 Resp: 406165
Ion Ratio Lower Upper
139 100
109 69.7 62.5 102.5
65 83.7 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 54.559 ng
RT: 14.880 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

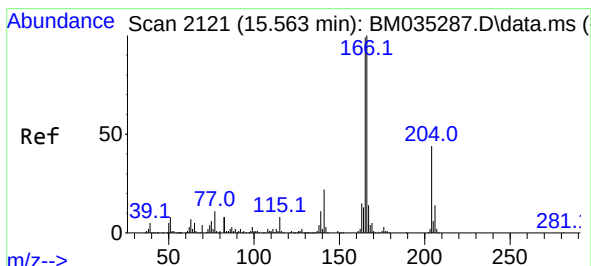
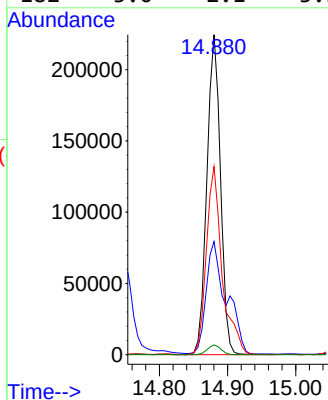
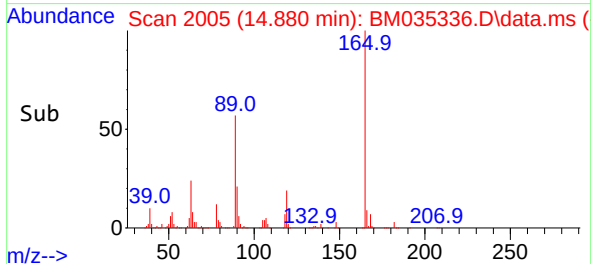
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



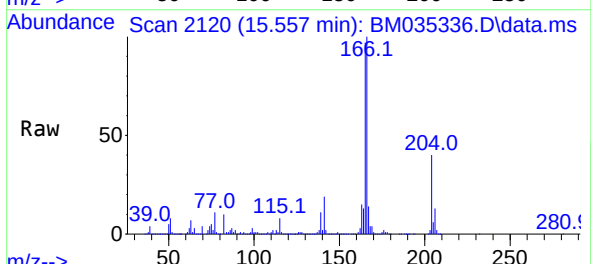
Tgt Ion:165 Resp: 31174
Ion Ratio Lower Upper
165 100
63 35.4 35.6 53.4
89 58.7 57.3 85.9
182 3.0 2.1 3.1

Manual Integrations
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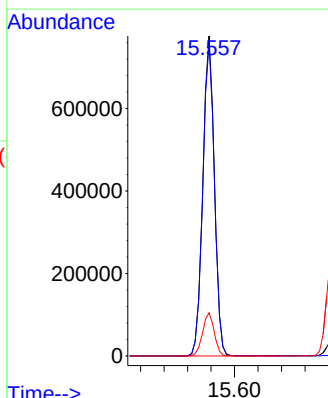
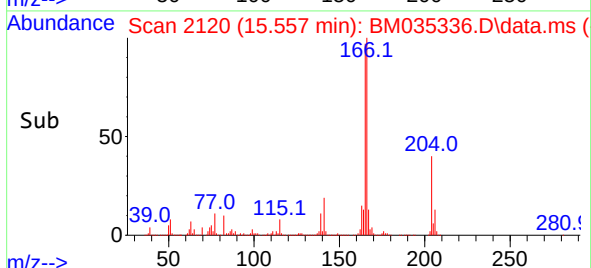
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

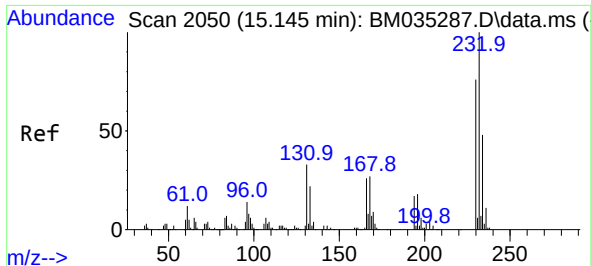


#58
Fluorene
Concen: 53.231 ng
RT: 15.557 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



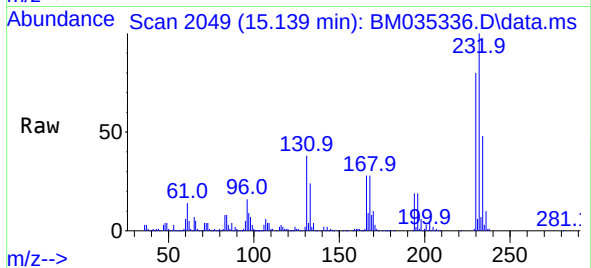
Tgt Ion:166 Resp: 1060987
Ion Ratio Lower Upper
166 100
165 97.5 79.4 119.2
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.661 ng
RT: 15.139 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

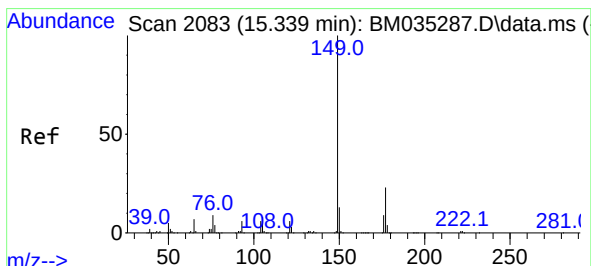
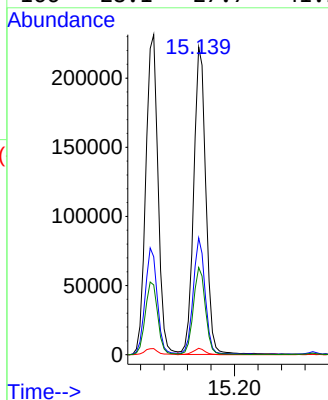
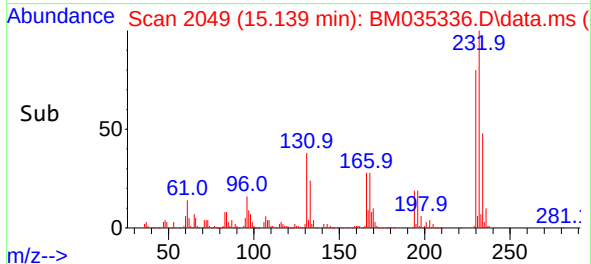
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



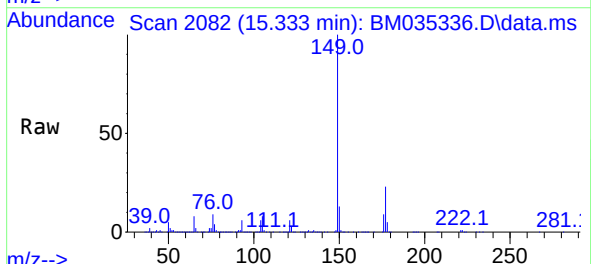
Tgt Ion:232 Resp: 31998
Ion Ratio Lower Upper
232 100
131 37.0 41.0 61.6
130 2.0 2.3 3.5
166 28.1 27.7 41.5

Manual Integrations
APPROVED

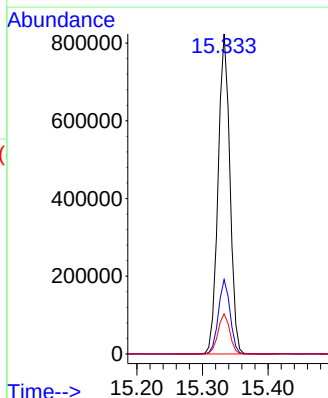
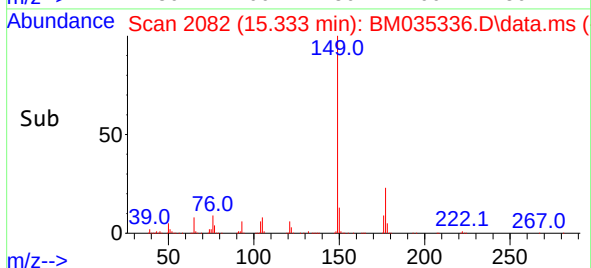
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

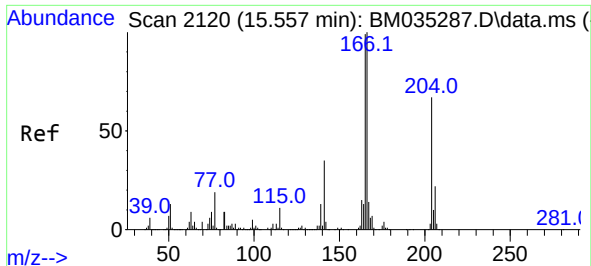


#60
Diethylphthalate
Concen: 50.366 ng
RT: 15.333 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



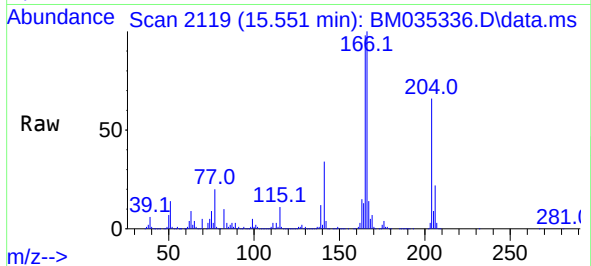
Tgt Ion:149 Resp: 1021138
Ion Ratio Lower Upper
149 100
177 23.3 16.9 25.3
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.717 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

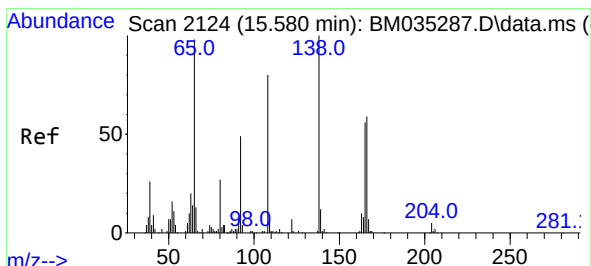
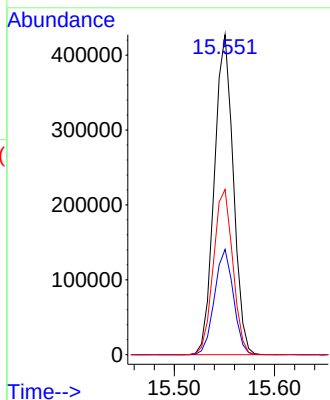
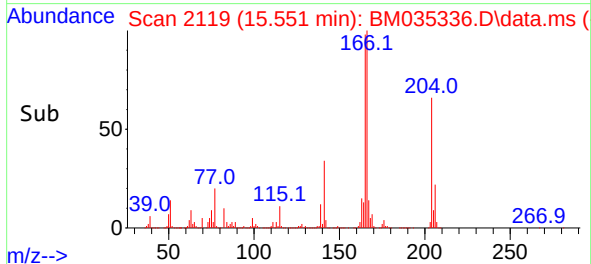
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



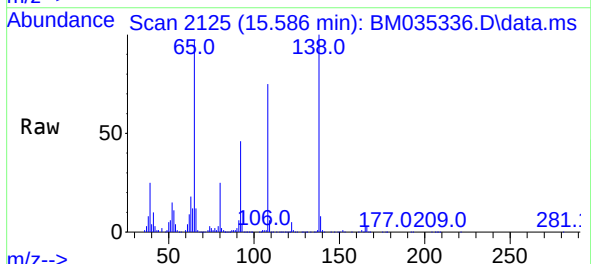
Tgt Ion:204 Resp: 561230
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 51.6 51.2 76.8

Manual Integrations
APPROVED

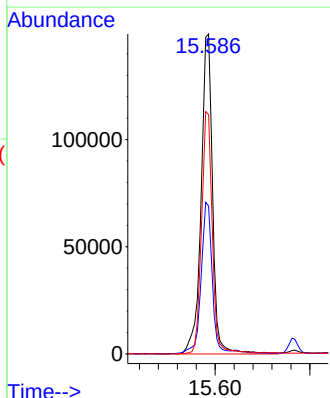
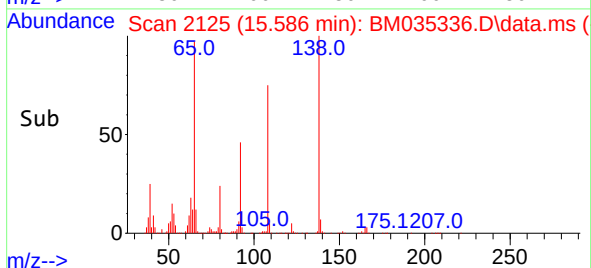
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

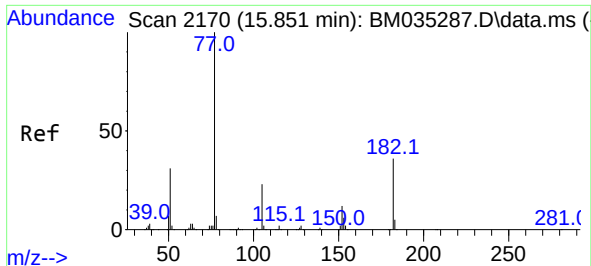


#62
4-Nitroaniline
Concen: 59.045 ng
RT: 15.586 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



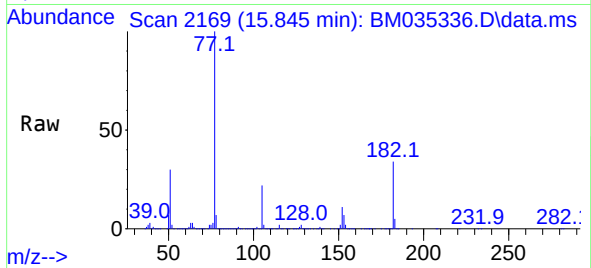
Tgt Ion:138 Resp: 251670
Ion Ratio Lower Upper
138 100
92 46.2 30.8 70.8
108 74.8 65.7 105.7





#63
Azobenzene
Concen: 47.738 ng
RT: 15.845 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

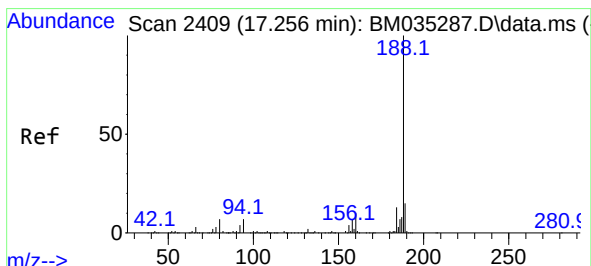
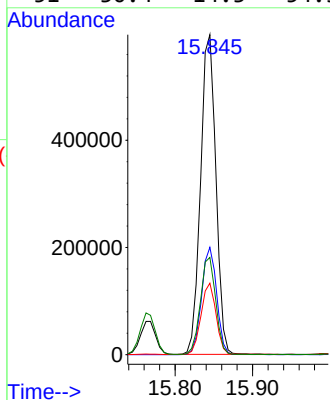
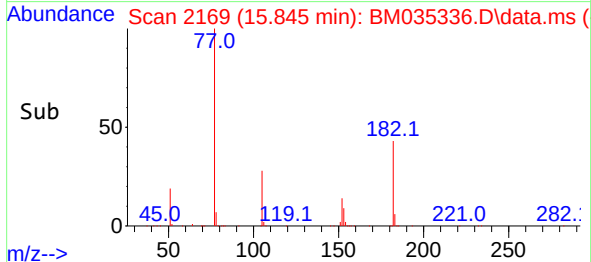
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



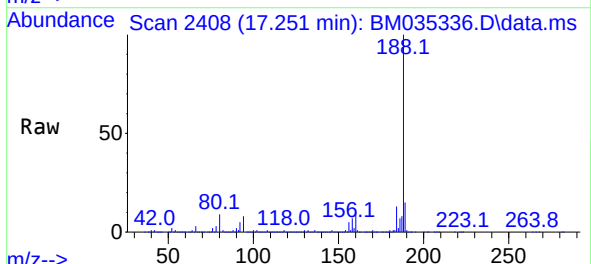
Tgt Ion: 77 Resp: 818830
Ion Ratio Lower Upper
77 100
182 33.6 4.9 44.9
105 22.3 0.0 39.6
51 30.4 14.3 54.3

Manual Integrations
APPROVED

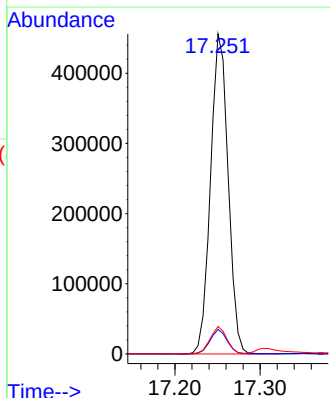
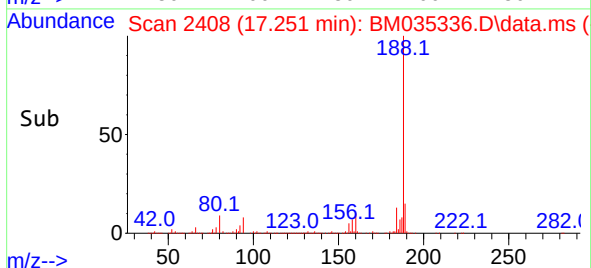
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

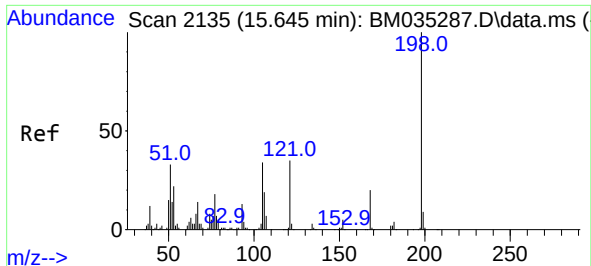


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



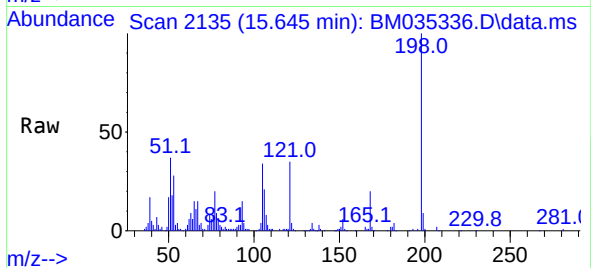
Tgt Ion:188 Resp: 653522
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.4
80 8.6 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 18.400 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

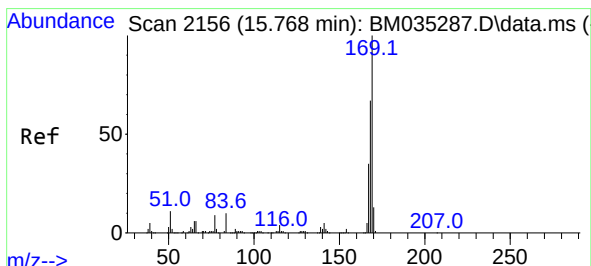
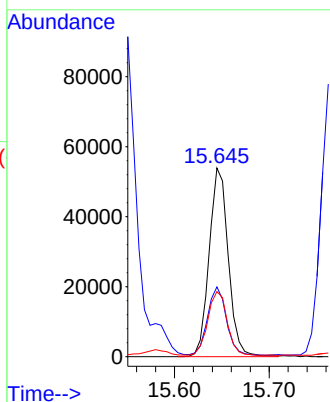
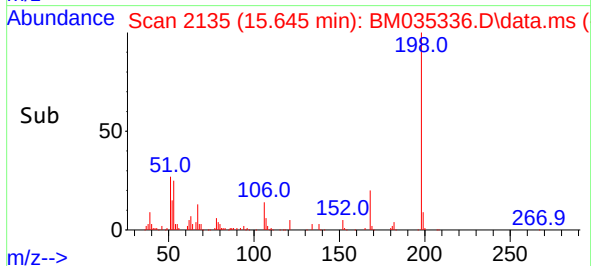
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



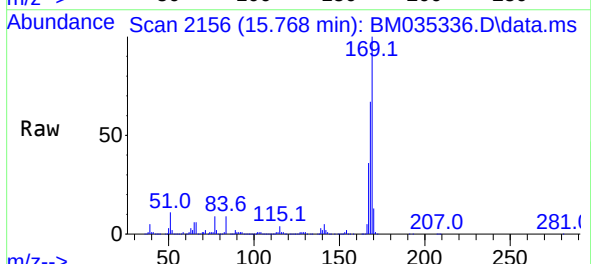
Tgt Ion:198 Resp: 75419
Ion Ratio Lower Upper
198 100
51 37.0 29.0 69.0
105 34.5 22.1 62.1

Manual Integrations
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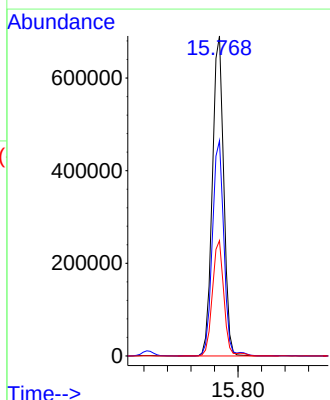
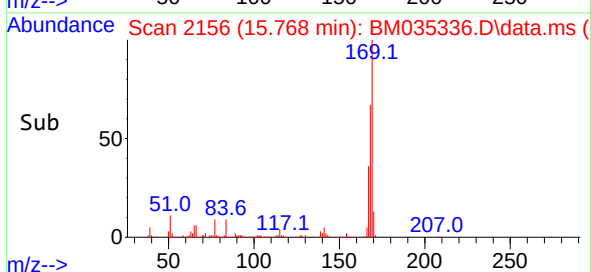
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

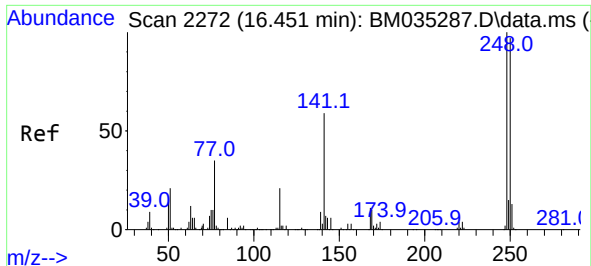


#66
n-Nitrosodiphenylamine
Concen: 49.054 ng
RT: 15.768 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



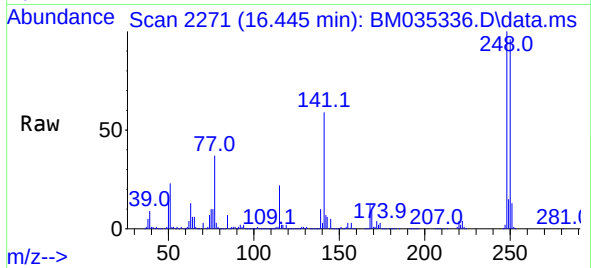
Tgt Ion:169 Resp: 923308
Ion Ratio Lower Upper
169 100
168 67.3 54.3 81.5
167 36.1 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 50.389 ng
RT: 16.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

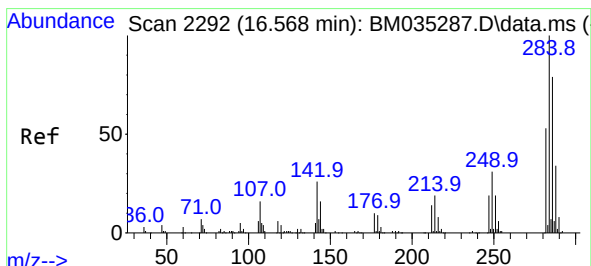
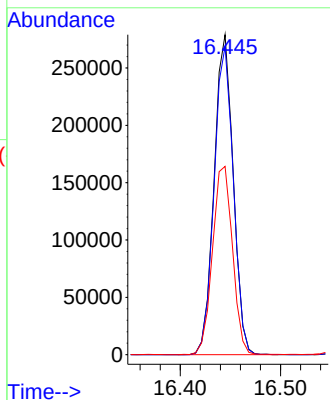
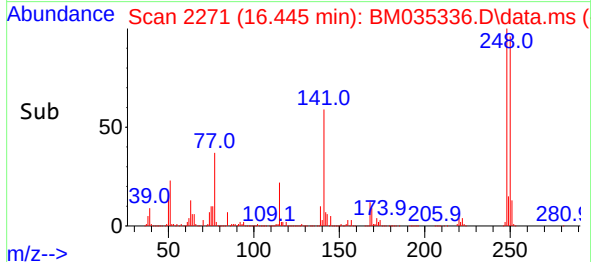
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



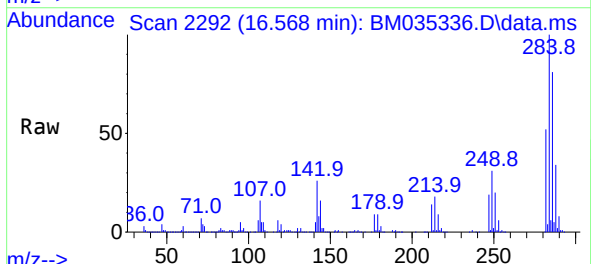
Tgt Ion:248 Resp: 36820
Ion Ratio Lower Upper
248 100
250 96.3 78.0 117.0
141 58.9 66.0 99.0

Manual Integrations
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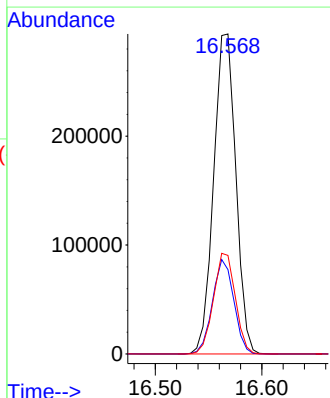
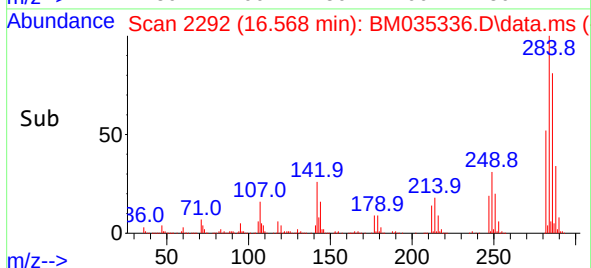
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

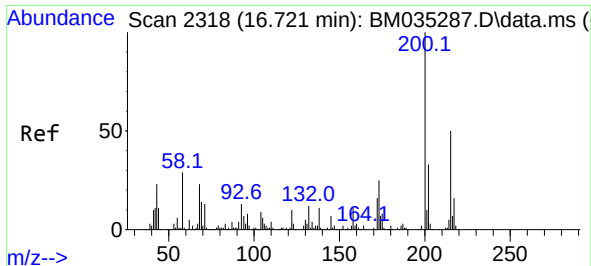


#68
Hexachlorobenzene
Concen: 52.196 ng
RT: 16.568 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



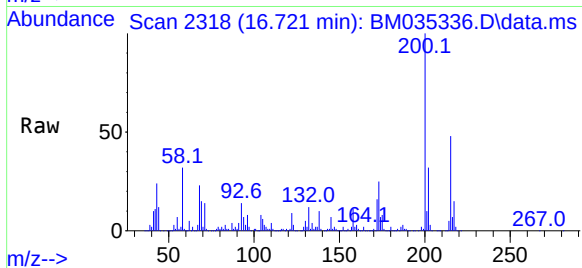
Tgt Ion:284 Resp: 424877
Ion Ratio Lower Upper
284 100
142 26.4 33.6 50.4#
249 30.8 26.2 39.2





#69
Atrazine
Concen: 53.462 ng
RT: 16.721 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

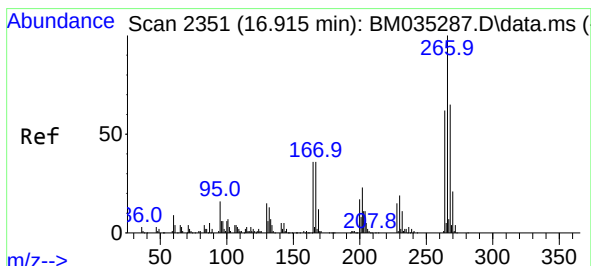
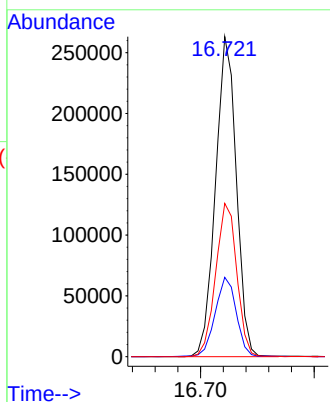
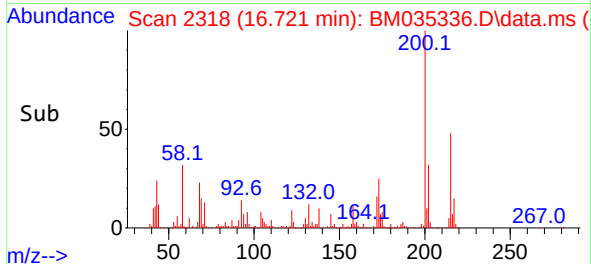
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



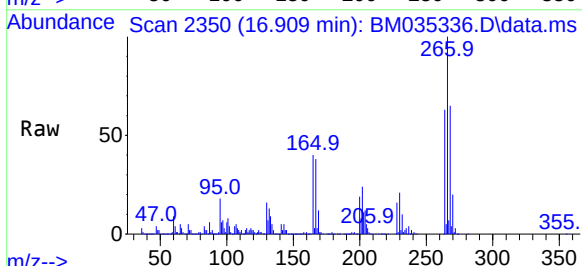
Tgt Ion:200 Resp: 33493
Ion Ratio Lower Upper
200 100
173 24.8 6.6 46.6
215 47.9 26.2 66.2

Manual Integrations
APPROVED

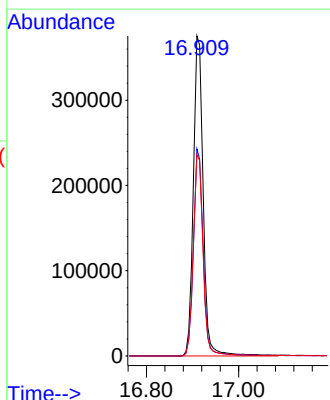
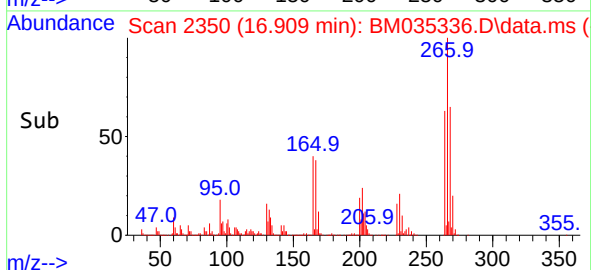
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

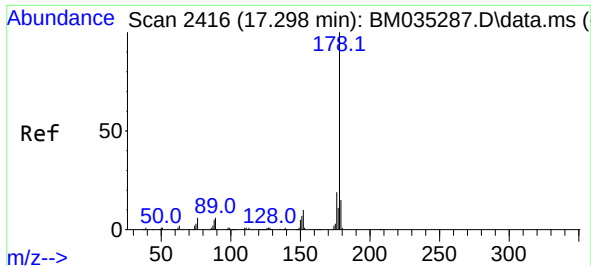


#70
Pentachlorophenol
Concen: 118.158 ng
RT: 16.909 min Scan# 2350
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



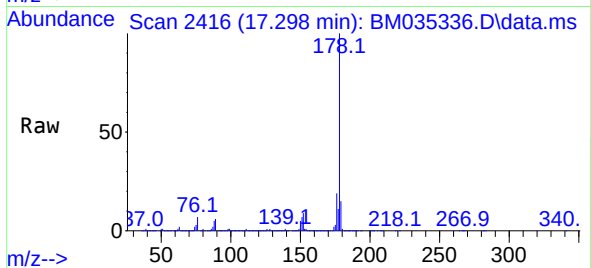
Tgt Ion:266 Resp: 555521
Ion Ratio Lower Upper
266 100
268 64.7 51.9 77.9
264 62.9 50.6 76.0





#71
Phenanthrene
Concen: 51.606 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

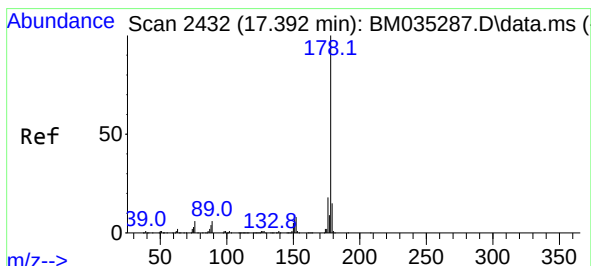
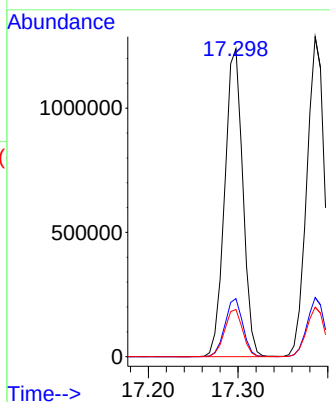
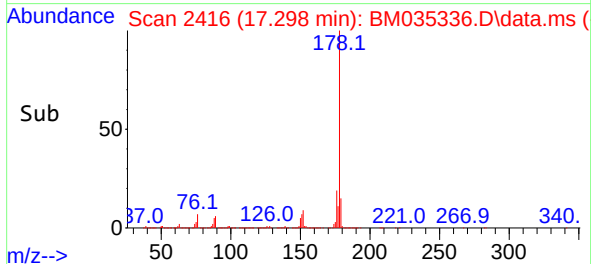
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



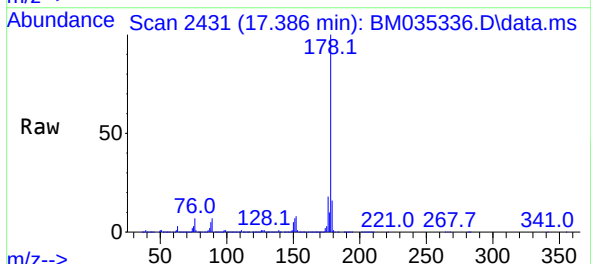
Tgt Ion:178 Resp: 1732777
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.3 12.4 18.6

Manual Integrations
APPROVED

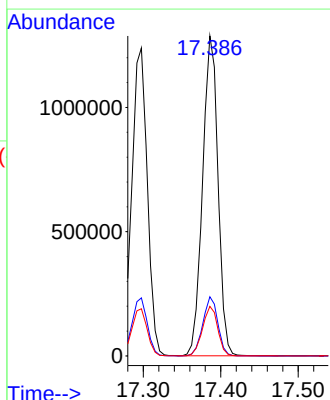
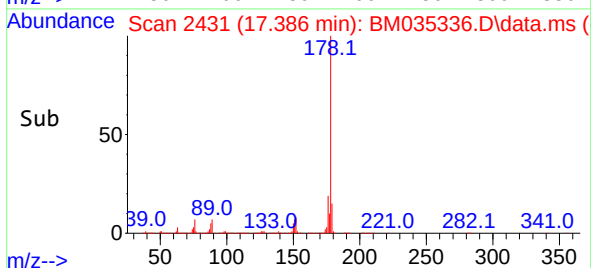
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

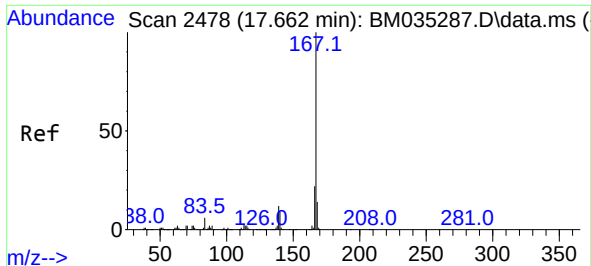


#72
Anthracene
Concen: 54.237 ng
RT: 17.386 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



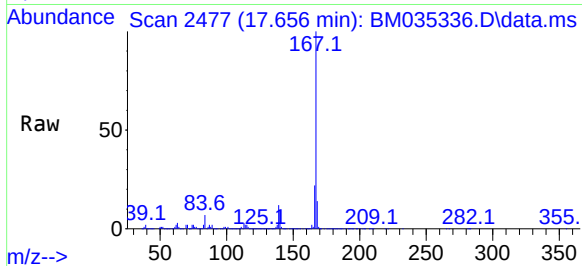
Tgt Ion:178 Resp: 1777680
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.5 12.2 18.2





#73
 Carbazole
 Concen: 50.937 ng
 RT: 17.656 min Scan# 2478
 Delta R.T. -0.006 min
 Lab File: BM035336.D
 Acq: 31 May 2022 21:38

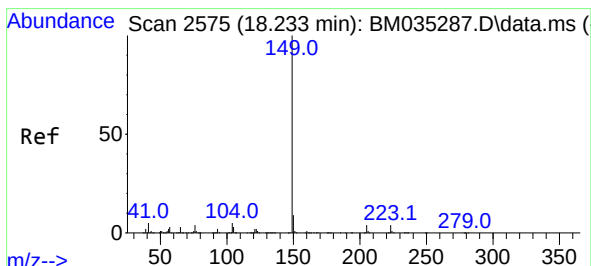
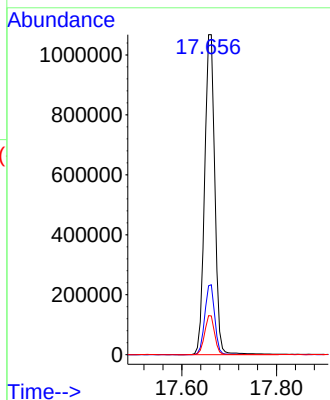
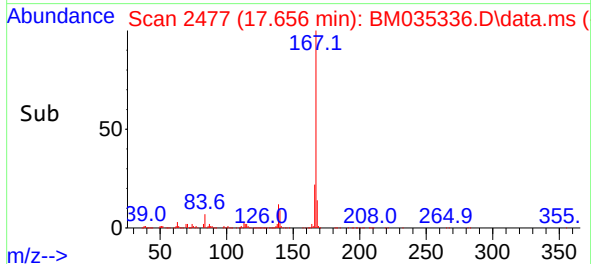
Instrument :
 BNA_M
 ClientSampleId :
 P043-SS001-0612-01MSD



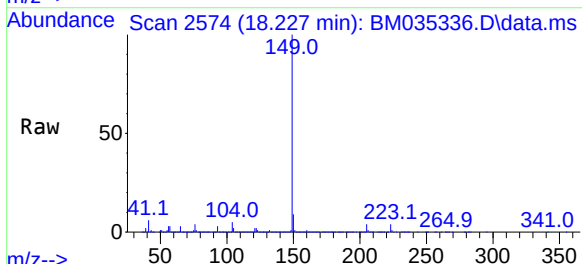
Tgt Ion:167 Resp: 1587690
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.8
 139 12.2 10.9 16.3

Manual Integrations
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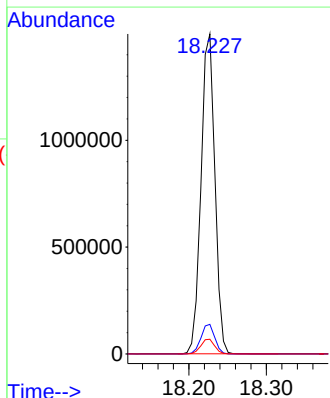
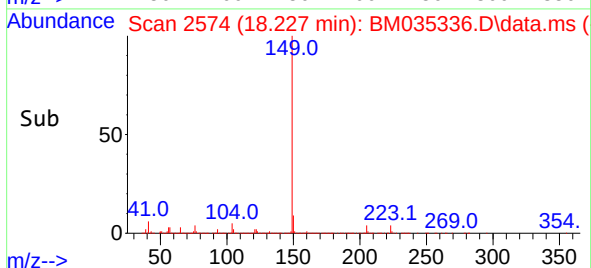
Reviewed By :Christian Giraldo 06/01/2022
 Supervised By :Jagrut Upadhyay 06/01/2022

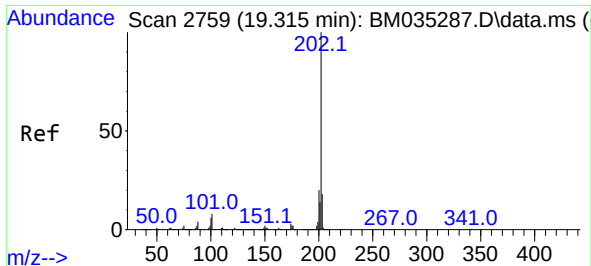


#74
 Di-n-butylphthalate
 Concen: 51.308 ng
 RT: 18.227 min Scan# 2574
 Delta R.T. -0.006 min
 Lab File: BM035336.D
 Acq: 31 May 2022 21:38



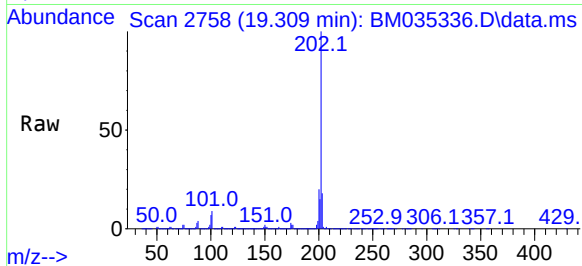
Tgt Ion:149 Resp: 1855554
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.6 4.3 6.5





#75
Fluoranthene
Concen: 54.754 ng
RT: 19.309 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

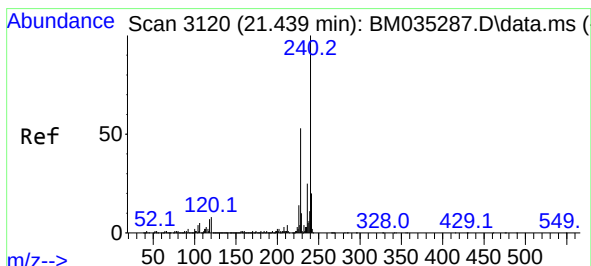
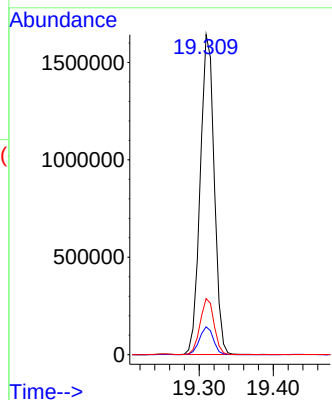
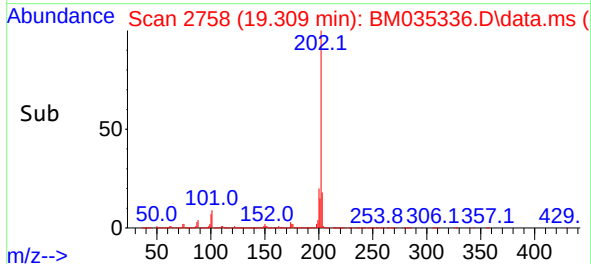
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



Tgt Ion:202 Resp: 2153350
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.6
203 17.6 0.0 37.4

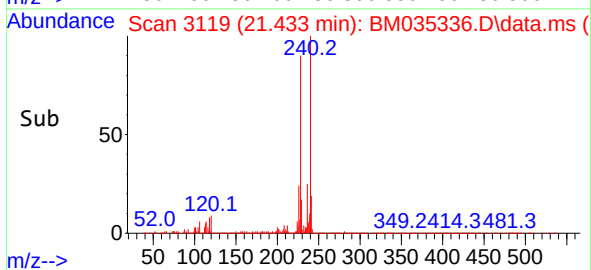
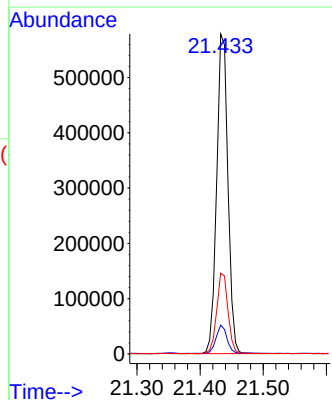
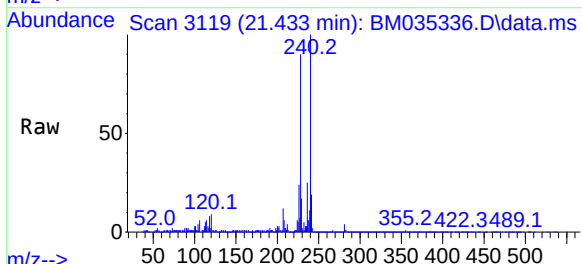
Manual Integrations
APPROVED

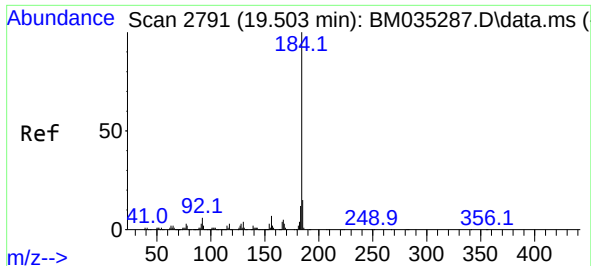
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

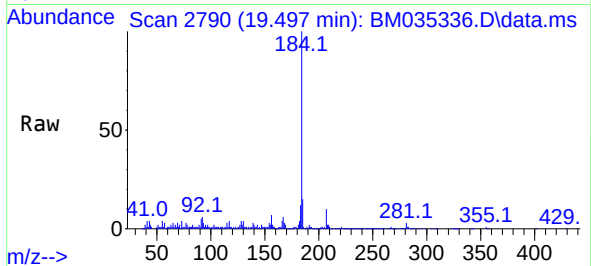
Tgt Ion:240 Resp: 715219
Ion Ratio Lower Upper
240 100
120 9.0 9.4 14.0#
236 25.3 20.6 30.8





#77
Benzidine
Concen: 12.941 ng
RT: 19.497 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

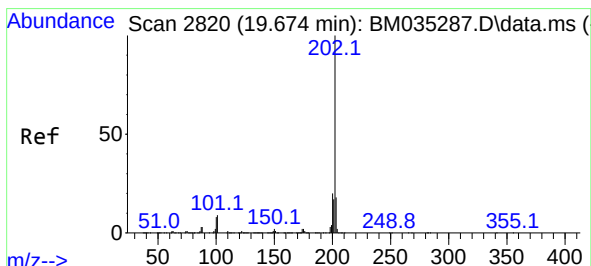
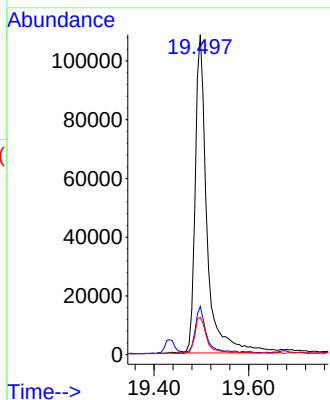
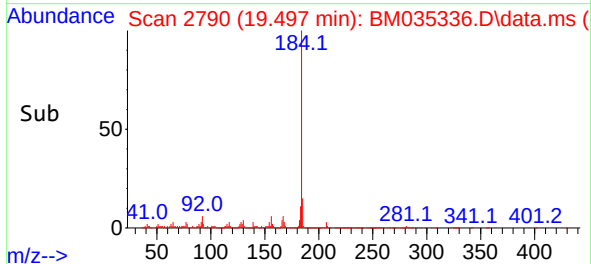
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



Tgt Ion:184 Resp: 18749
Ion Ratio Lower Upper
184 100
185 15.1 11.3 16.9
183 11.6 9.5 14.3

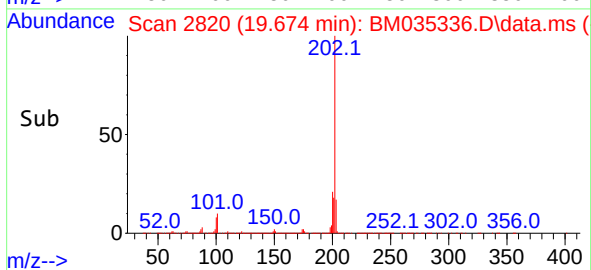
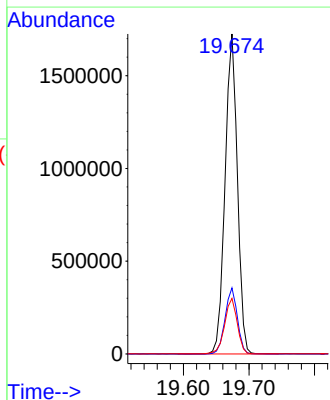
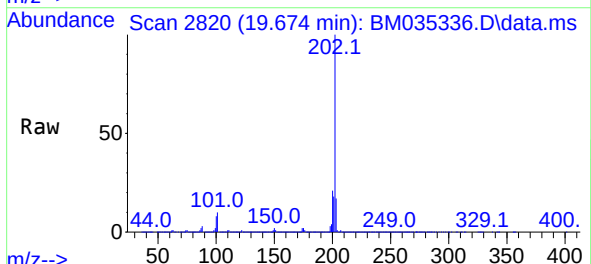
Manual Integrations
APPROVED

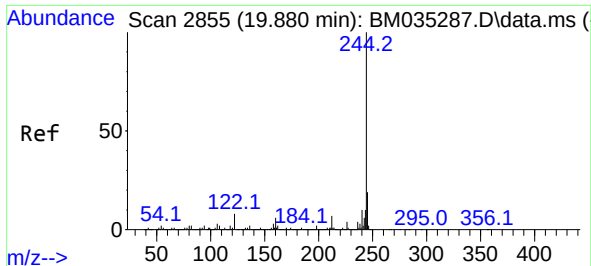
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#78
Pyrene
Concen: 47.667 ng
RT: 19.674 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

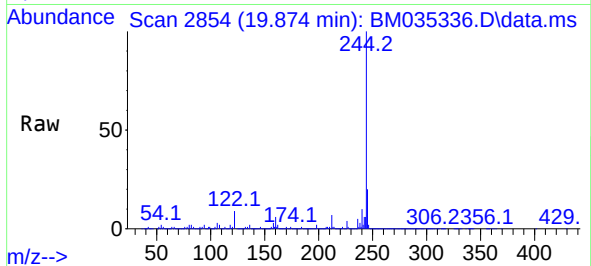
Tgt Ion:202 Resp: 2236673
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.3 13.9 20.9





#79
 Terphenyl-d14
 Concen: 54.184 ng
 RT: 19.874 min Scan# 2186974
 Delta R.T. -0.006 min
 Lab File: BM035336.D
 Acq: 31 May 2022 21:38

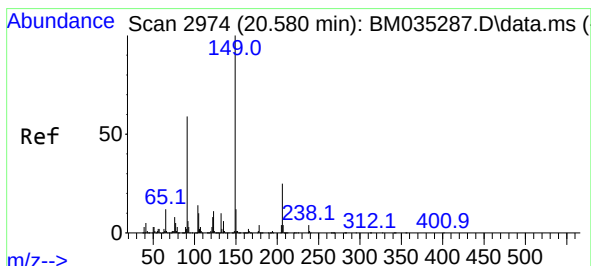
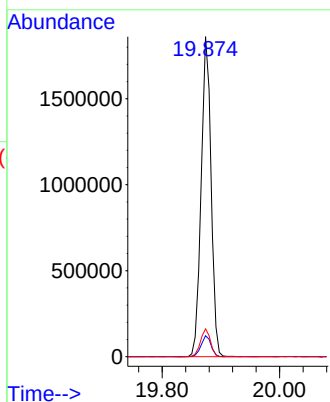
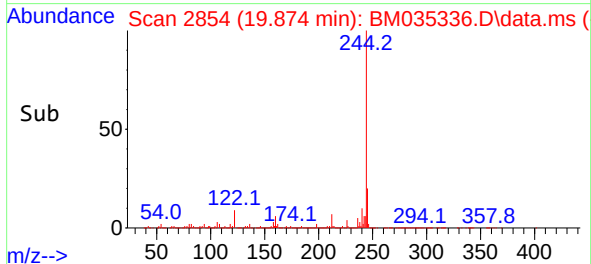
Instrument :
 BNA_M
 ClientSampleId :
 P043-SS001-0612-01MSD



Tgt Ion:244 Resp: 2186974
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.2 9.4
 122 8.7 8.3 12.5

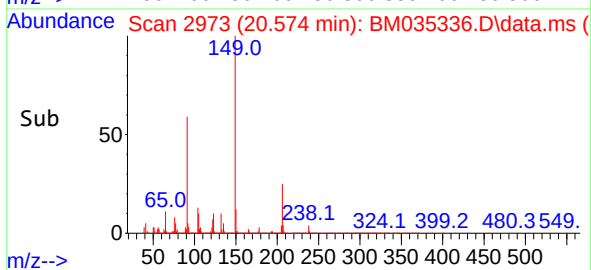
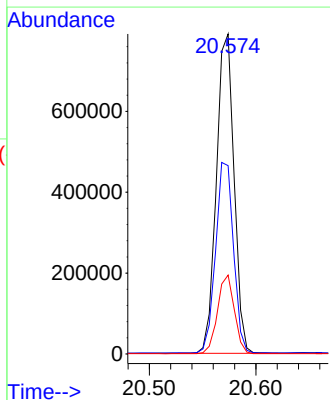
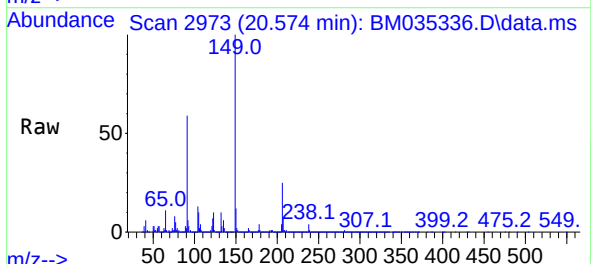
Manual Integrations
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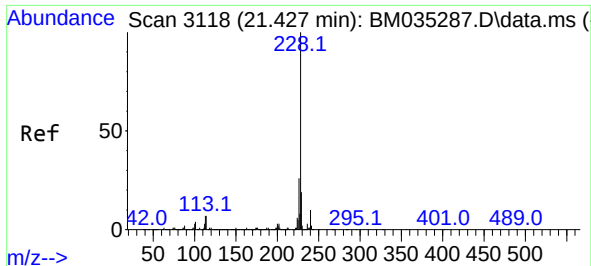
Reviewed By :Christian Giraldo 06/01/2022
 Supervised By :Jagrut Upadhyay 06/01/2022



#80
 Butylbenzylphthalate
 Concen: 50.587 ng
 RT: 20.574 min Scan# 2973
 Delta R.T. -0.006 min
 Lab File: BM035336.D
 Acq: 31 May 2022 21:38

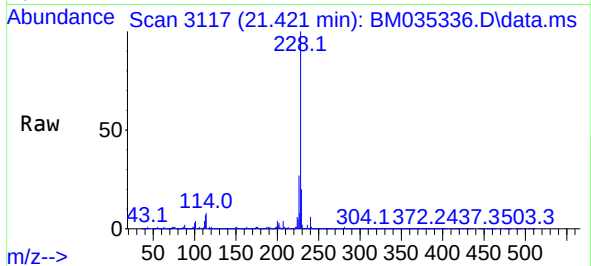
Tgt Ion:149 Resp: 907884
 Ion Ratio Lower Upper
 149 100
 91 58.8 56.6 85.0
 206 24.6 15.4 23.0#





#81
Benzo(a)anthracene
Concen: 51.567 ng
RT: 21.421 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

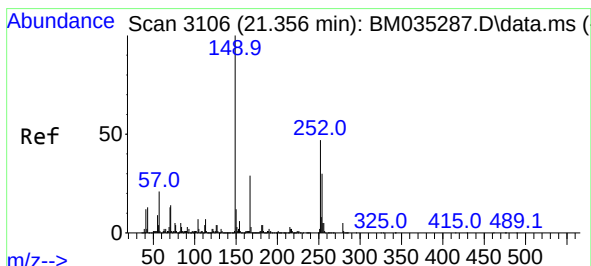
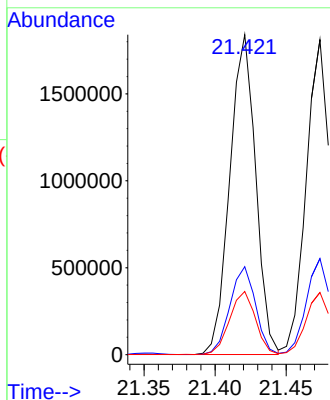
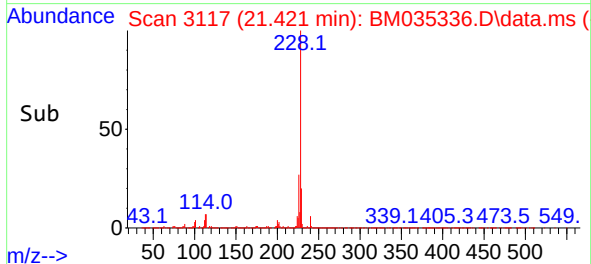
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



Tgt Ion:228 Resp: 2332349
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.7 15.8 23.6

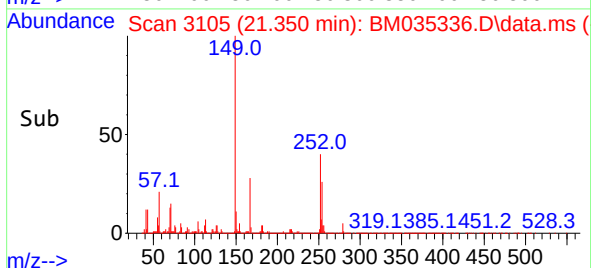
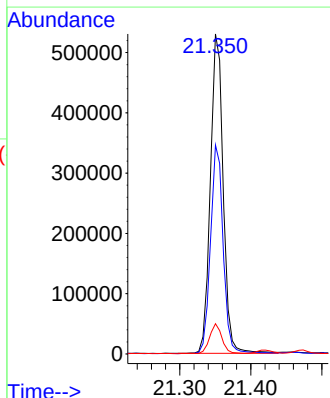
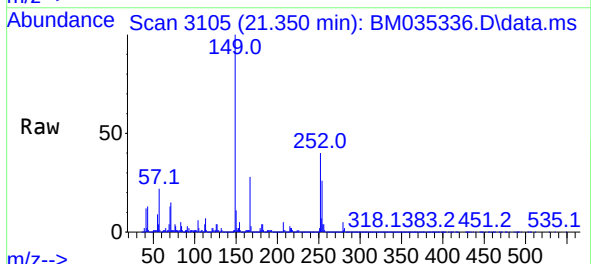
Manual Integrations
APPROVED

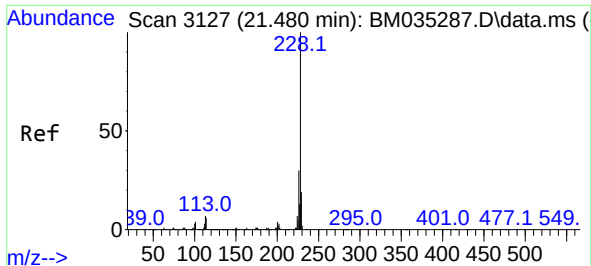
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#82
3,3'-Dichlorobenzidine
Concen: 59.547 ng
RT: 21.350 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

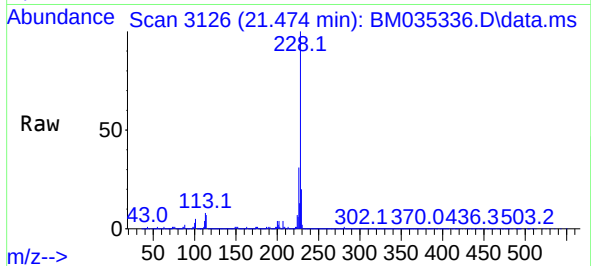
Tgt Ion:252 Resp: 666807
Ion Ratio Lower Upper
252 100
254 65.3 51.7 77.5
126 9.5 9.4 14.0





#83
Chrysene
Concen: 50.110 ng
RT: 21.474 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

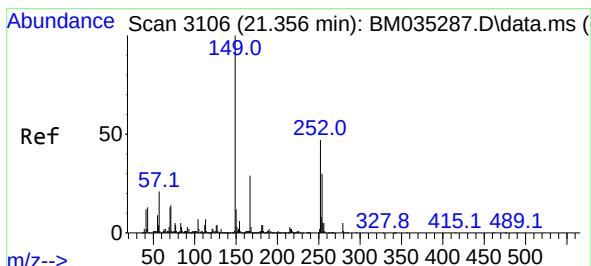
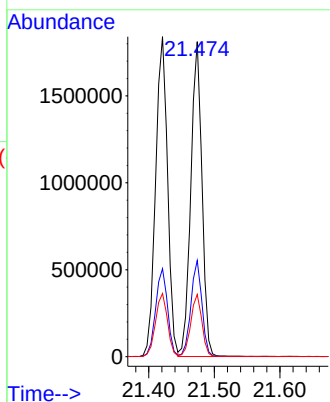
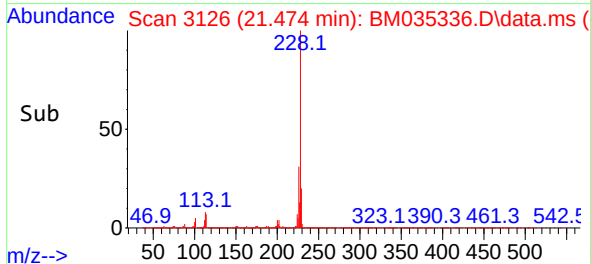
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



Tgt Ion:228 Resp: 2139410
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 19.8 15.8 23.8

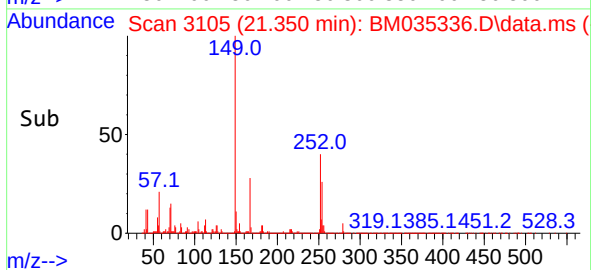
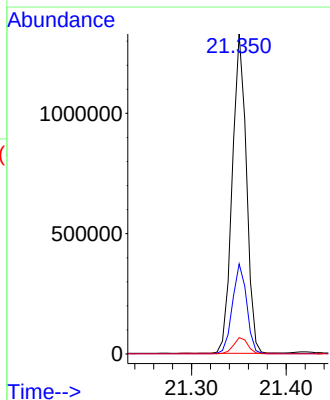
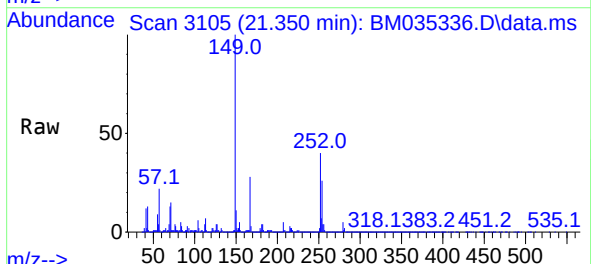
Manual Integrations
APPROVED

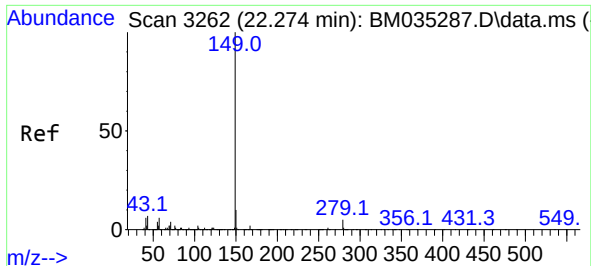
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.162 ng
RT: 21.350 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

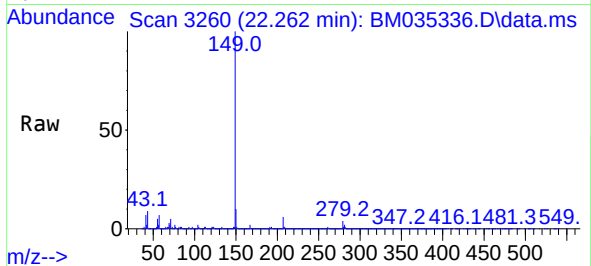
Tgt Ion:149 Resp: 1374339
Ion Ratio Lower Upper
149 100
167 28.1 21.1 31.7
279 5.1 2.8 4.2#





#85
Di-n-octyl phthalate
Concen: 54.393 ng
RT: 22.262 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

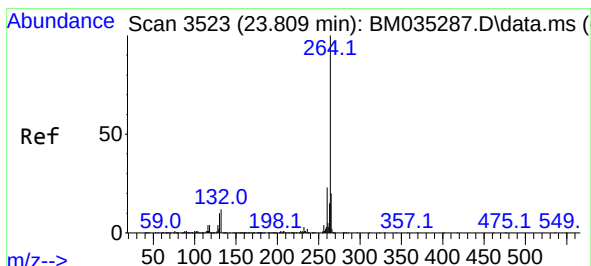
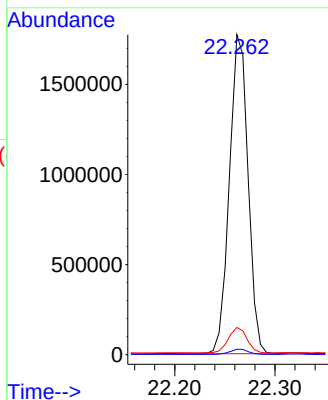
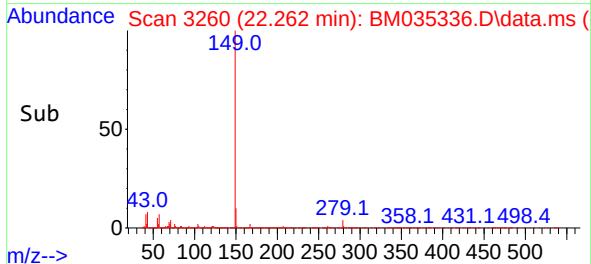
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



Tgt Ion:149 Resp: 2289730
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 8.6 12.8

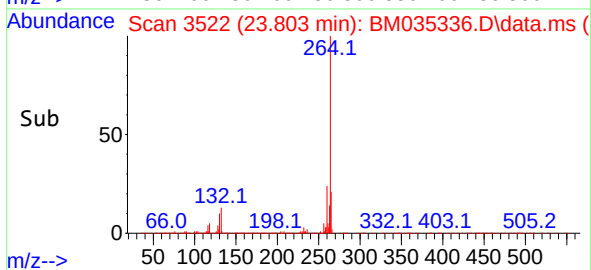
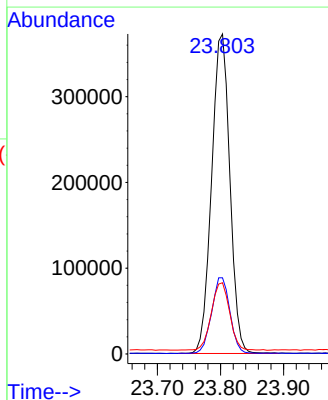
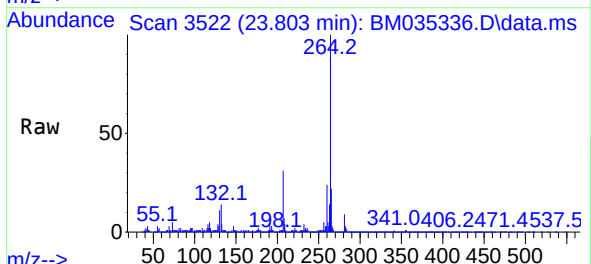
Manual Integrations
APPROVED

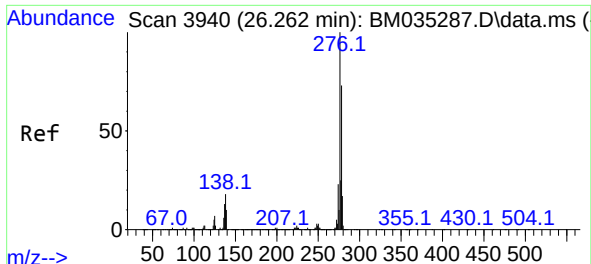
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.803 min Scan# 3522
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

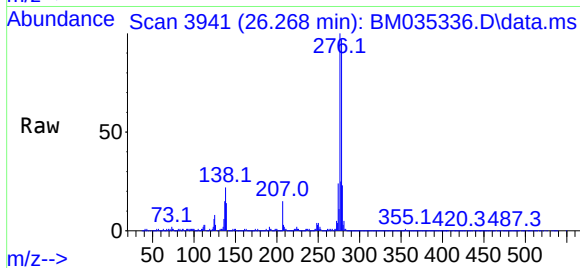
Tgt Ion:264 Resp: 746756
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 22.3 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.266 ng
RT: 26.268 min Scan# 3940
Delta R.T. 0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

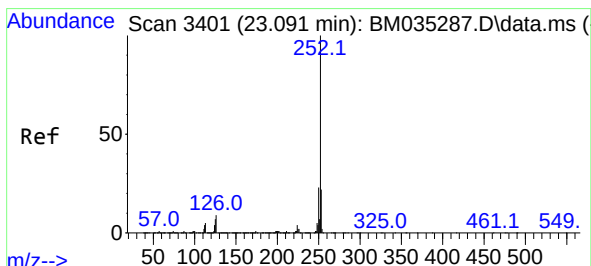
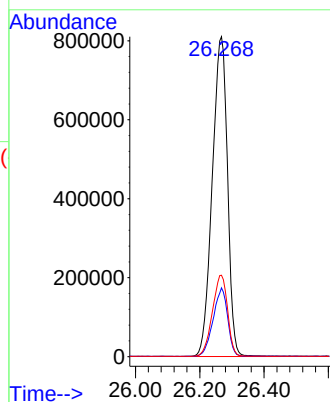
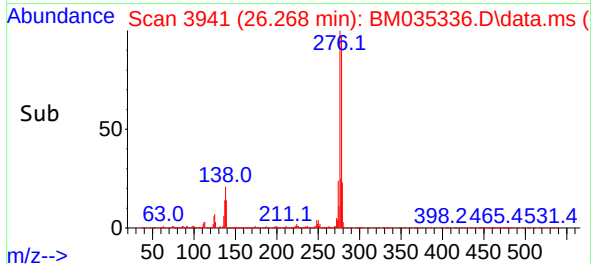
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



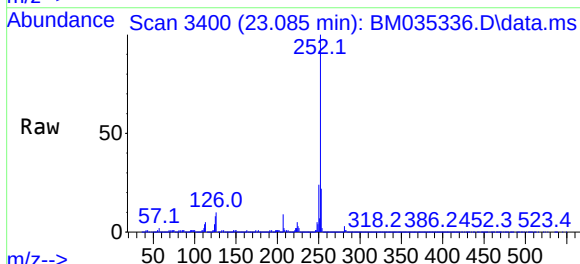
Tgt Ion: 276 Resp: 265922
Ion Ratio Lower Upper
276 100
138 20.4 20.2 30.4
277 25.3 20.2 30.2

Manual Integrations
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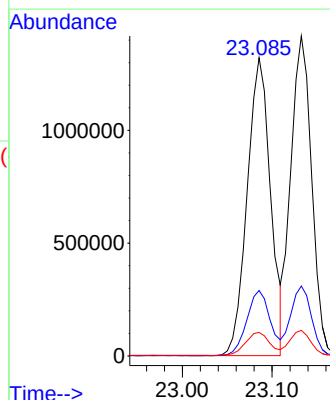
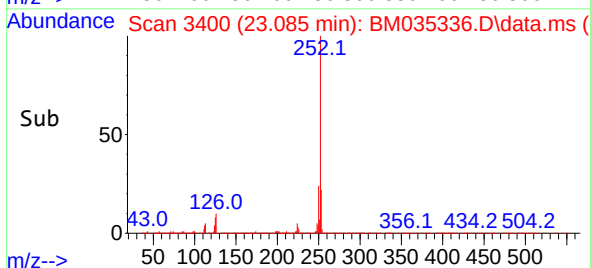
Reviewed By : Christian Giraldo 06/01/2022
Supervised By : Jagrut Upadhyay 06/01/2022

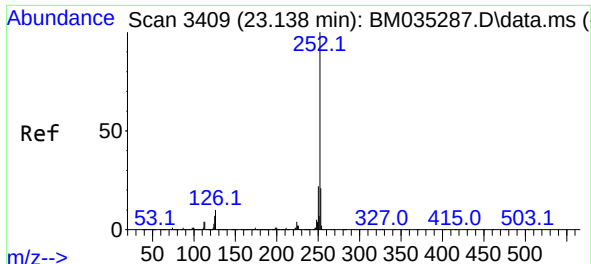


#88
Benzo(b)fluoranthene
Concen: 53.086 ng
RT: 23.085 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



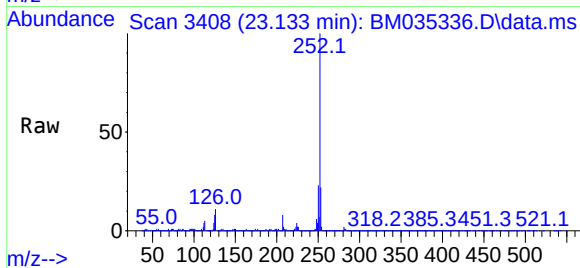
Tgt Ion: 252 Resp: 2391661
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.9 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 51.413 ng
RT: 23.133 min Scan# 3408
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

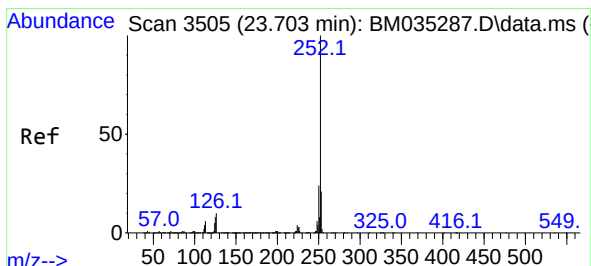
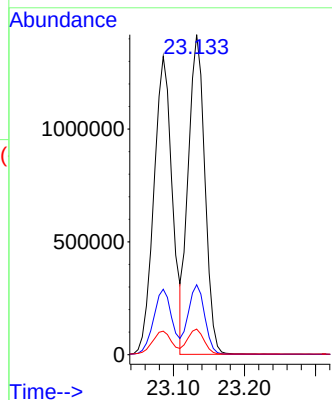
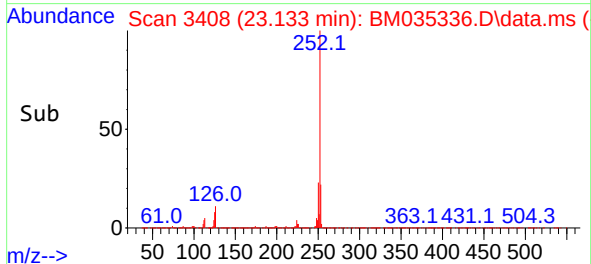
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



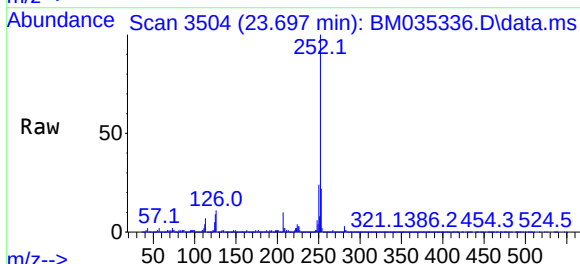
Tgt Ion:252 Resp: 2288472
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.0 7.6 11.4

Manual Integrations
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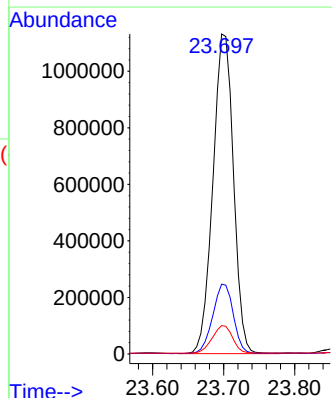
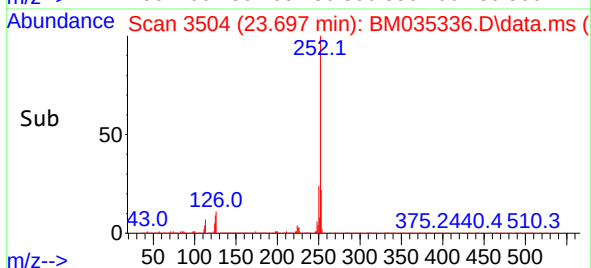
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

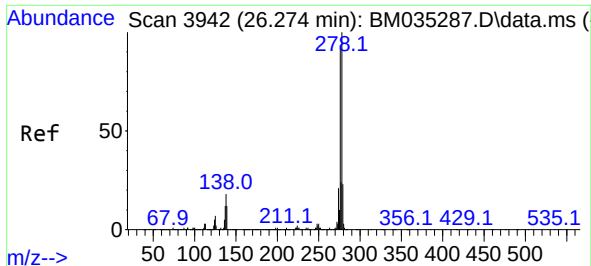


#90
Benzo(a)pyrene
Concen: 60.734 ng
RT: 23.697 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38



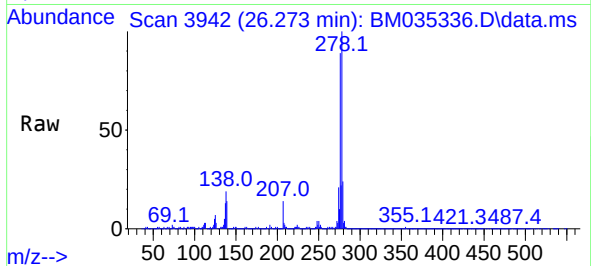
Tgt Ion:252 Resp: 2267855
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.9 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 55.040 ng
RT: 26.273 min Scan# 3942
Delta R.T. -0.000 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

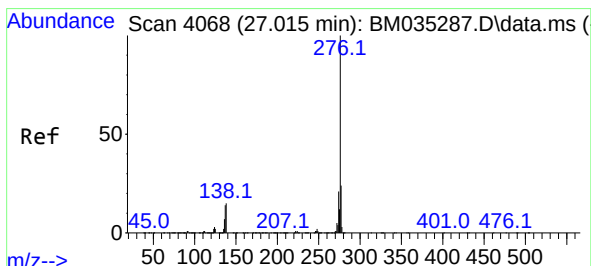
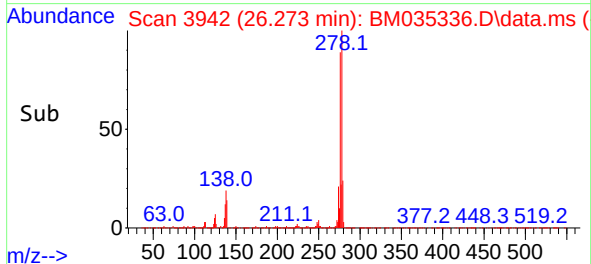
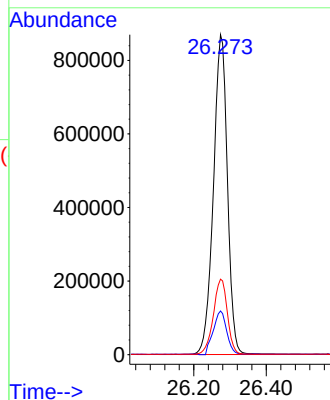
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01MSD



Tgt Ion:278 Resp: 232617
Ion Ratio Lower Upper
278 100
139 13.7 12.9 19.3
279 23.6 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#92
Benzo(g,h,i)perylene
Concen: 54.668 ng
RT: 27.020 min Scan# 4069
Delta R.T. 0.006 min
Lab File: BM035336.D
Acq: 31 May 2022 21:38

Tgt Ion:276 Resp: 2304334
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 17.2 17.6 26.4#

