

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
 Data File : BM035239.D
 Acq On : 25 May 2022 12:30
 Operator : CG/JU
 Sample : PB145067BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145067BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/26/2022
 Supervised By : Jagrut Upadhyay 05/26/2022

Quant Time: May 26 05:22:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 26 05:05:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	182432	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	739970	20.000	ng	# 0.00
39) Acenaphthene-d10	14.533	164	456410	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	850256	20.000	ng	0.00
76) Chrysene-d12	21.456	240	596981	20.000	ng	# 0.00
86) Perylene-d12	23.833	264	479890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1424880	137.794	ng	0.00
7) Phenol-d6	7.075	99	1770834	132.655	ng	0.01
23) Nitrobenzene-d5	9.057	82	1143107	83.422	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	802255	161.588	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	3005746	95.602	ng	0.00
79) Terphenyl-d14	19.898	244	3662344	118.782	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	139812	33.416	ng	91
3) Pyridine	3.775	79	333702	28.626	ng	94
4) n-Nitrosodimethylamine	3.687	42	221045	38.457	ng	85
6) Aniline	7.222	93	646016	42.130	ng	98
8) 2-Chlorophenol	7.457	128	577972	50.220	ng	95
9) Benzaldehyde	7.028	77	70349	8.097	ng	97
10) Phenol	7.098	94	652958	47.828	ng	98
11) bis(2-Chloroethyl)ether	7.316	93	472794	46.002	ng	94
12) 1,3-Dichlorobenzene	7.781	146	600323	46.048	ng	97
13) 1,4-Dichlorobenzene	7.928	146	621944	46.614	ng	99
14) 1,2-Dichlorobenzene	8.245	146	594237	46.781	ng	99
15) Benzyl Alcohol	8.140	79	486085	48.725	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	594800	35.710	ng	94
17) 2-Methylphenol	8.345	107	458775	49.488	ng	99
18) Hexachloroethane	8.969	117	217310	44.375	ng	92
19) n-Nitroso-di-n-propyla...	8.710	70	387406	44.330	ng	93
20) 3+4-Methylphenols	8.675	107	620584	48.926	ng	97
22) Acetophenone	8.722	105	797188	44.483	ng	# 94
24) Nitrobenzene	9.098	77	579776	42.062	ng	97
25) Isophorone	9.628	82	1041502	45.460	ng	98
26) 2-Nitrophenol	9.804	139	319641	53.143	ng	96
27) 2,4-Dimethylphenol	9.875	122	522998	56.388	ng	95
28) bis(2-Chloroethoxy)met...	10.110	93	639395	48.495	ng	99
29) 2,4-Dichlorophenol	10.345	162	577240	52.787	ng	99
30) 1,2,4-Trichlorobenzene	10.557	180	624425	50.447	ng	97
31) Naphthalene	10.745	128	1667057	43.672	ng	100
32) Benzoic acid	10.057	122	387527	52.079	ng	99
33) 4-Chloroaniline	10.857	127	297831	19.396	ng	97
34) Hexachlorobutadiene	11.033	225	412938	54.033	ng	99
35) Caprolactam	11.663	113	148299m	46.954	ng	
36) 4-Chloro-3-methylphenol	11.992	107	558675	49.371	ng	99
37) 2-Methylnaphthalene	12.357	142	1195294	45.191	ng	99
38) 1-Methylnaphthalene	12.575	142	1147365	44.421	ng	99
40) 1,2,4,5-Tetrachloroben...	12.727	216	742907	57.164	ng	98
41) Hexachlorocyclopentadiene	12.710	237	1015645	130.529	ng	98
43) 2,4,6-Trichlorophenol	12.969	196	490781	55.785	ng	98

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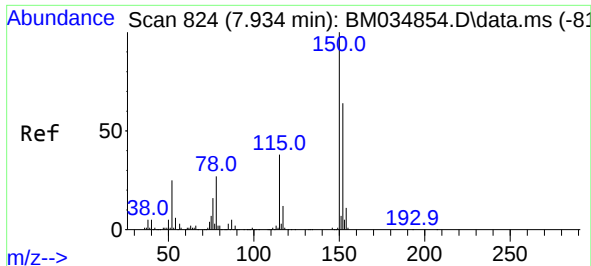
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	523058	53.540	ng	# 93
46) 1,1'-Biphenyl	13.369	154	1611684	46.872	ng	99
47) 2-Chloronaphthalene	13.410	162	1250621	46.671	ng	99
48) 2-Nitroaniline	13.610	65	326964	42.416	ng	94
49) Acenaphthylene	14.251	152	1996749	48.399	ng	100
50) Dimethylphthalate	13.998	163	1543729	45.367	ng	# 98
51) 2,6-Dinitrotoluene	14.110	165	344444	49.718	ng	87
52) Acenaphthene	14.598	154	1128280	40.366	ng	98
53) 3-Nitroaniline	14.433	138	199784	26.878	ng	96
54) 2,4-Dinitrophenol	14.651	184	424958	104.284	ng	# 83
55) Dibenzofuran	14.927	168	1828023	45.810	ng	97
56) 4-Nitrophenol	14.757	139	493337	81.257	ng	93
57) 2,4-Dinitrotoluene	14.898	165	452389	48.715	ng	90
58) Fluorene	15.580	166	1468000	44.288	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	433147	52.152	ng	# 87
60) Diethylphthalate	15.357	149	1500621	43.298	ng	98
61) 4-Chlorophenyl-phenyle...	15.574	204	808795	50.986	ng	91
62) 4-Nitroaniline	15.604	138	289819	37.654	ng	97
63) Azobenzene	15.863	77	1209287	38.257	ng	95
65) 4,6-Dinitro-2-methylph...	15.663	198	257854	50.731	ng	89
66) n-Nitrosodiphenylamine	15.786	169	1263183	49.021	ng	99
67) 4-Bromophenyl-phenylether	16.468	248	502072	58.091	ng	# 89
68) Hexachlorobenzene	16.586	284	546617	56.018	ng	# 90
69) Atrazine	16.745	200	455714	52.677	ng	96
70) Pentachlorophenol	16.927	266	663801	108.574	ng	99
71) Phenanthrene	17.315	178	2130017	44.949	ng	100
72) Anthracene	17.410	178	2172118	47.471	ng	99
73) Carbazole	17.674	167	1808894	43.286	ng	98
74) Di-n-butylphthalate	18.245	149	2277588	42.835	ng	99
75) Fluoranthene	19.333	202	2239394	43.037	ng	97
77) Benzidine	19.515	184	777473	42.631	ng	100
78) Pyrene	19.692	202	2249354	56.977	ng	100
80) Butylbenzylphthalate	20.592	149	820070	47.325	ng	93
81) Benzo(a)anthracene	21.439	228	1856586	46.607	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	472998	40.739	ng	# 97
83) Chrysene	21.492	228	1695828	44.570	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	1157701	43.447	ng	# 97
85) Di-n-octyl phthalate	22.292	149	1741710	39.650	ng	96
87) Indeno(1,2,3-cd)pyrene	26.297	276	1535188	42.076	ng	95
88) Benzo(b)fluoranthene	23.109	252	1529021	50.658	ng	98
89) Benzo(k)fluoranthene	23.156	252	1503082	49.194	ng	99
90) Benzo(a)pyrene	23.727	252	1432409	57.123	ng	97
91) Dibenzo(a,h)anthracene	26.309	278	1350503	44.127	ng	97
92) Benzo(g,h,i)perylene	27.050	276	1335404	45.411	ng	# 95

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



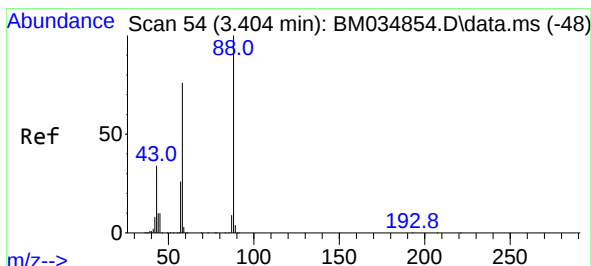
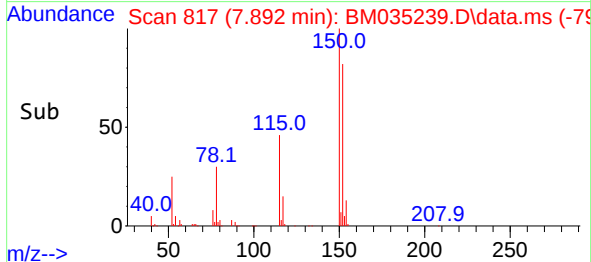
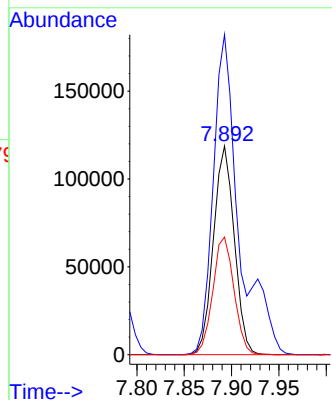
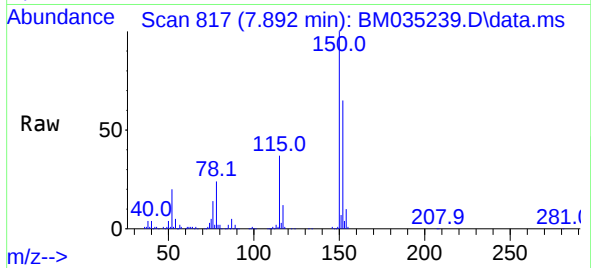
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.892 min Scan# 81
Delta R.T. 0.005 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Instrument :
BNA_M
ClientSampleId :
PB145067BS

Tgt Ion:152 Resp: 18243
Ion Ratio Lower Upper
152 100
150 153.4 124.9 187.3
115 56.4 47.9 71.9

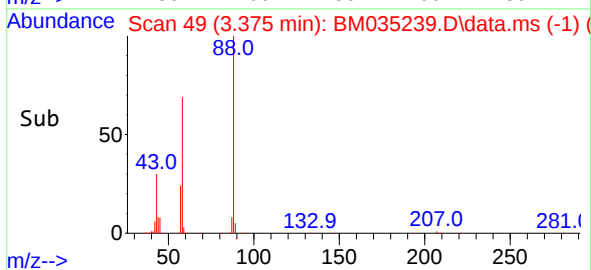
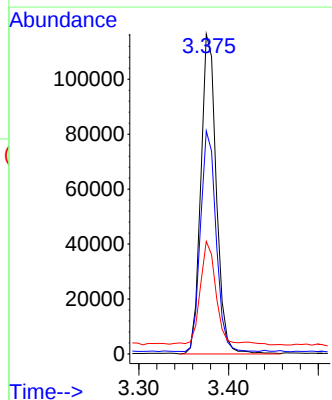
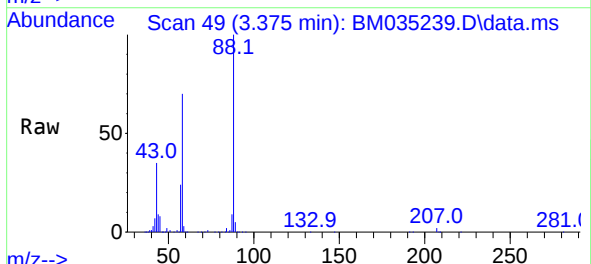
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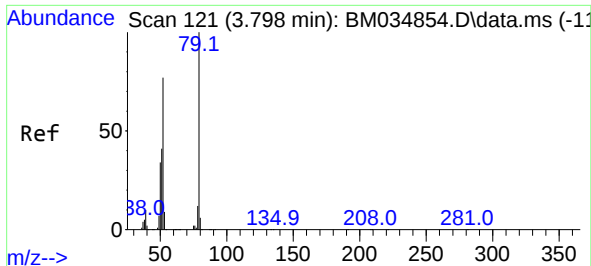
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#2
1,4-Dioxane
Concen: 33.416 ng
RT: 3.375 min Scan# 49
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

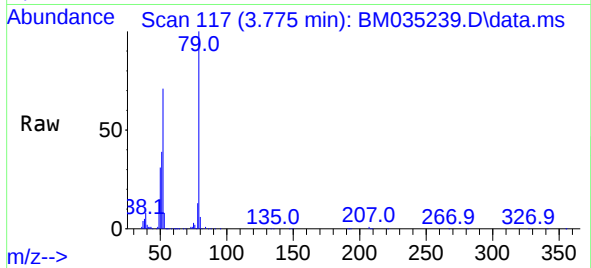
Tgt Ion: 88 Resp: 139812
Ion Ratio Lower Upper
88 100
58 69.2 62.3 93.5
43 31.8 28.7 43.1





#3
Pyridine
Concen: 28.626 ng
RT: 3.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

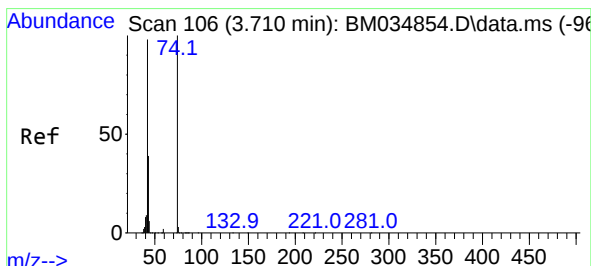
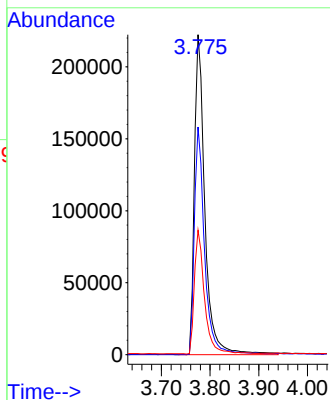
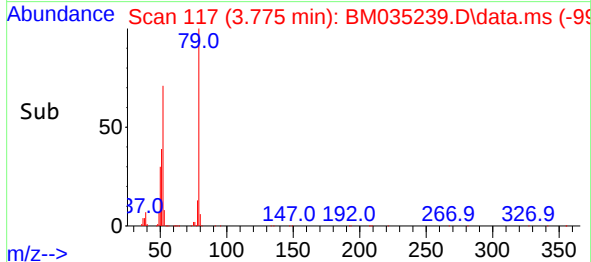
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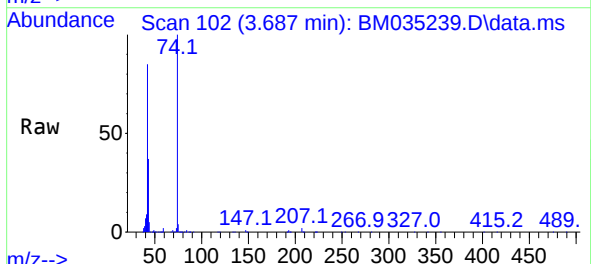
Tgt Ion: 79 Resp: 333702
Ion Ratio Lower Upper
79 100
52 71.2 61.9 92.9
51 38.9 33.5 50.3

Manual Integrations
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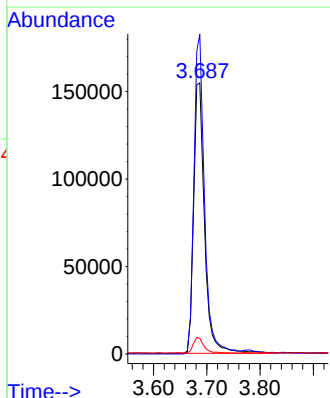
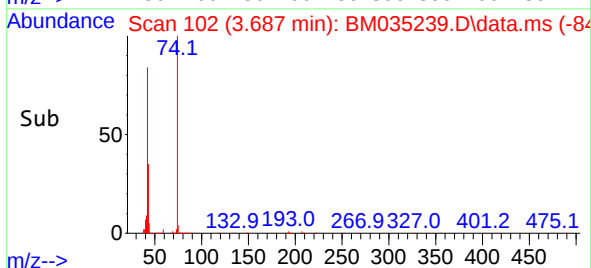
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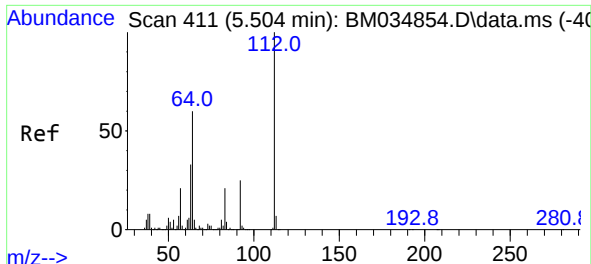


#4
n-Nitrosodimethylamine
Concen: 38.457 ng
RT: 3.687 min Scan# 102
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



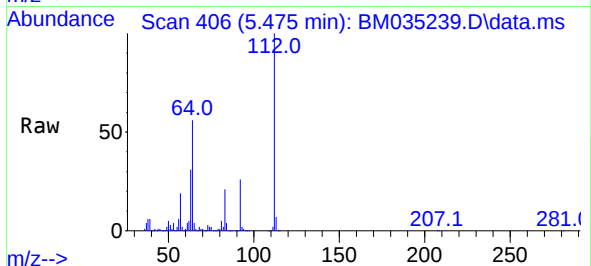
Tgt Ion: 42 Resp: 221045
Ion Ratio Lower Upper
42 100
74 118.1 81.6 122.4
44 5.7 5.2 7.8





#5
2-Fluorophenol
Concen: 137.794 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

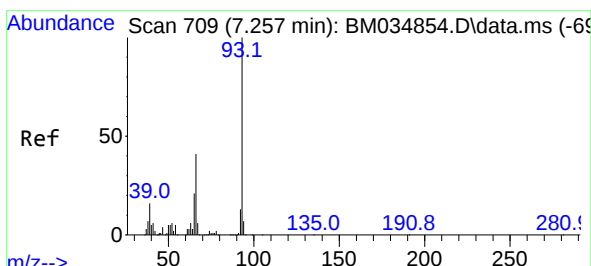
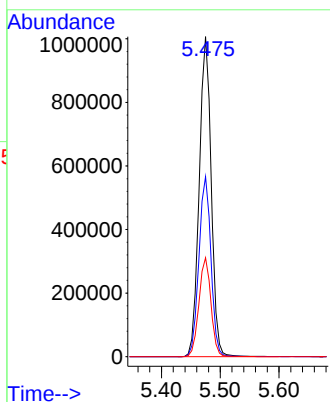
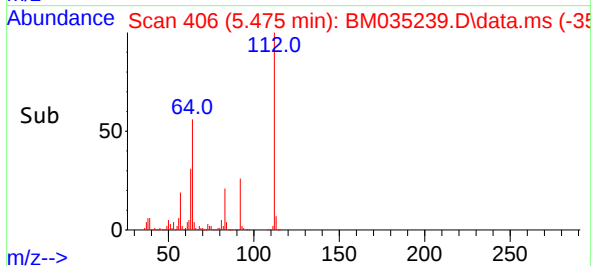
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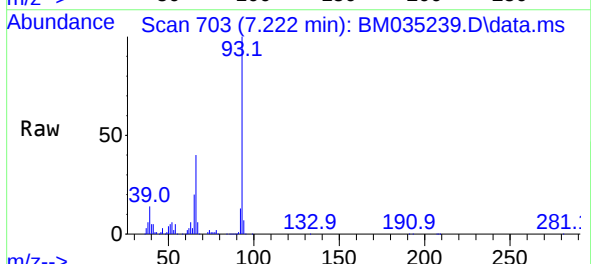
Tgt Ion:112 Resp: 1424880
Ion Ratio Lower Upper
112 100
64 56.3 47.8 71.6
63 30.9 26.6 40.0

Manual Integrations
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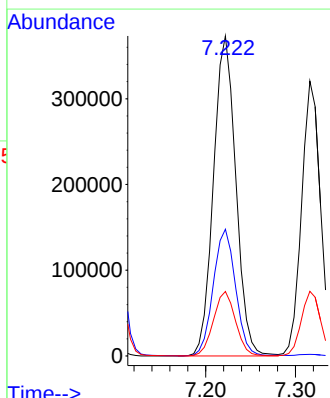
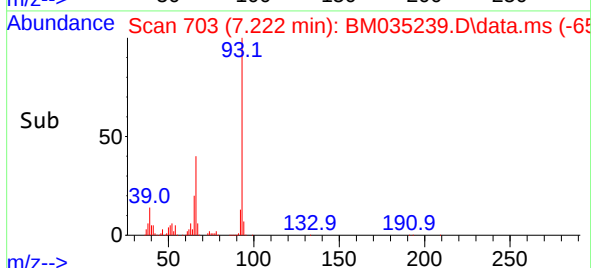
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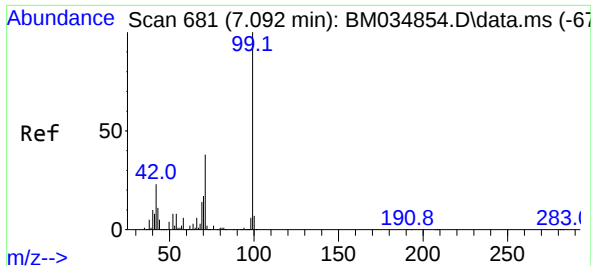


#6
Aniline
Concen: 42.130 ng
RT: 7.222 min Scan# 703
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



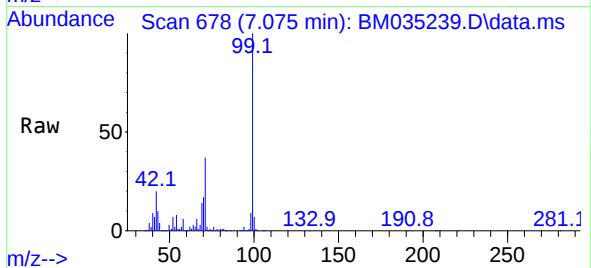
Tgt Ion: 93 Resp: 646016
Ion Ratio Lower Upper
93 100
66 39.6 32.6 49.0
65 20.1 16.8 25.2





#7
Phenol-d6
Concen: 132.655 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM035239.D
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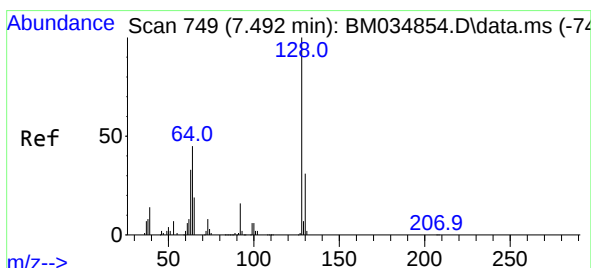
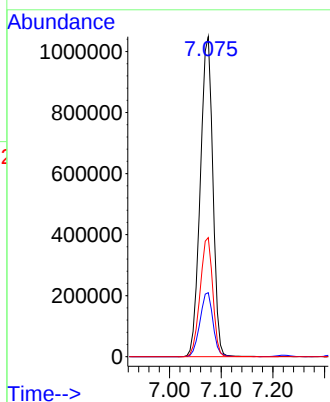
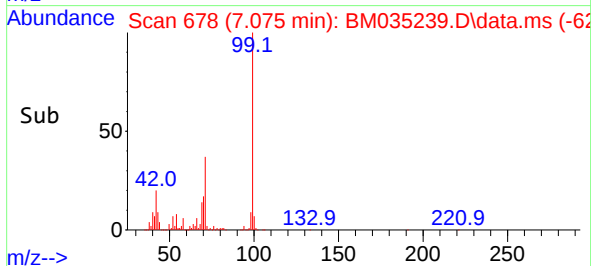
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Tgt Ion: 99 Resp: 1770834
Ion Ratio Lower Upper
99 100
42 20.0 18.8 28.2
71 37.2 30.2 45.2

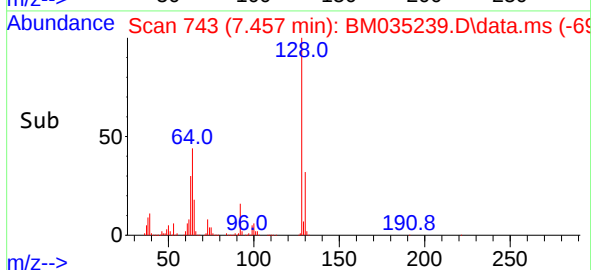
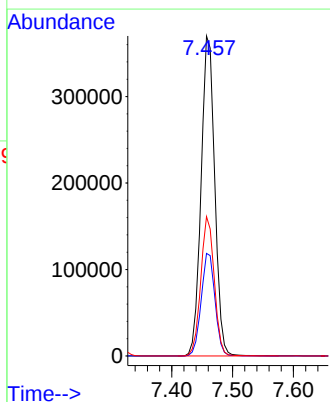
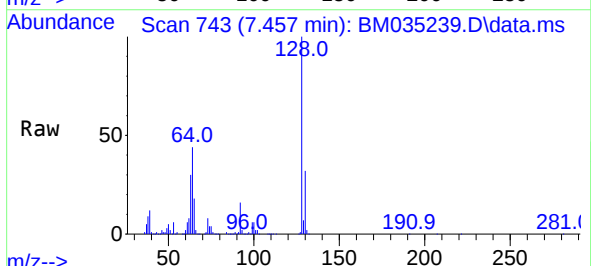
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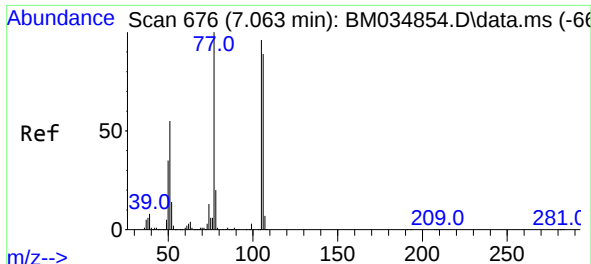
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#8
2-Chlorophenol
Concen: 50.220 ng
RT: 7.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Tgt Ion:128 Resp: 577972
Ion Ratio Lower Upper
128 100
130 32.0 10.9 50.9
64 43.5 28.2 68.2





#9
Benzaldehyde
Concen: 8.097 ng
RT: 7.028 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Instrument :

BNA_M

ClientSampleId :

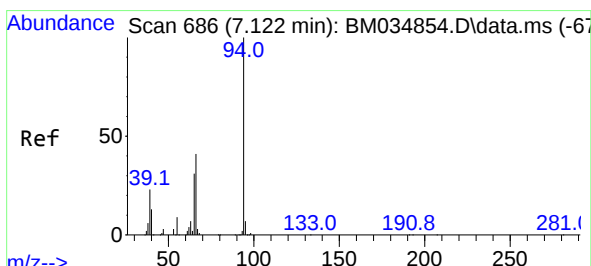
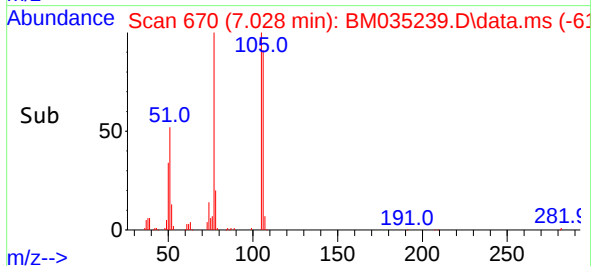
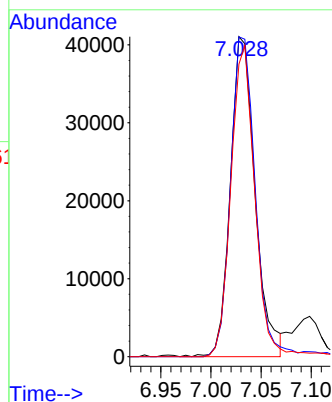
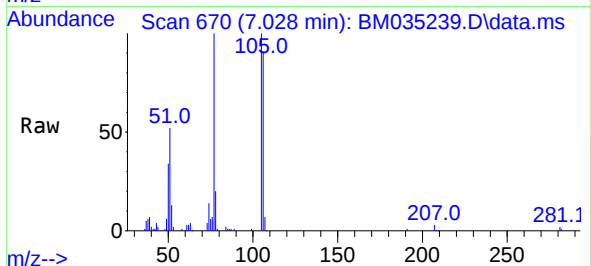
PB145067BS

Tgt Ion: 77 Resp: 70349
Ion Ratio Lower Upper
77 100
105 99.9 76.3 116.3
106 91.4 69.0 109.0

Manual Integrations

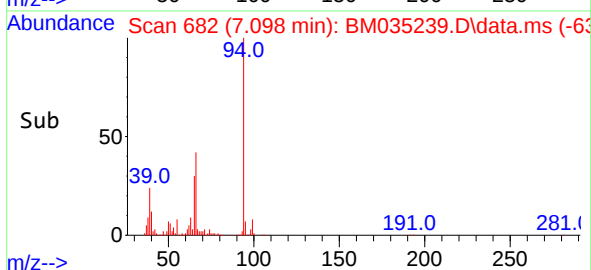
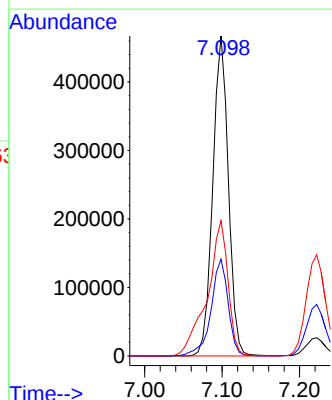
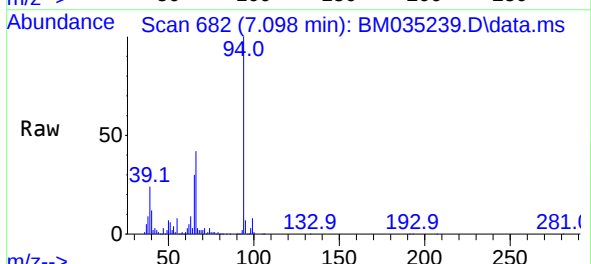
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Supervised By :Jagrut Upadhyay 05/26/2022



#10
Phenol
Concen: 47.828 ng
RT: 7.098 min Scan# 682
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

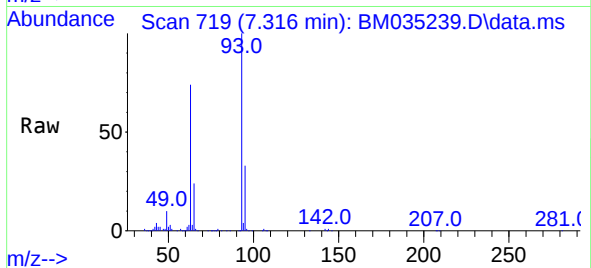
Tgt Ion: 94 Resp: 652958
Ion Ratio Lower Upper
94 100
65 30.2 11.4 51.4
66 42.3 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 46.002 ng
RT: 7.316 min Scan# 719
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

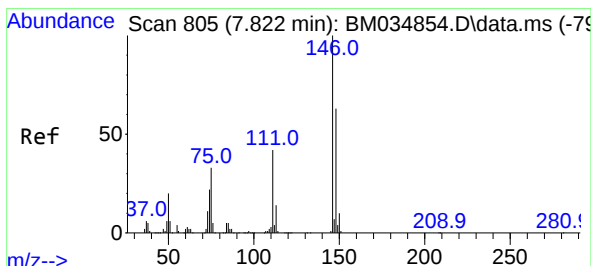
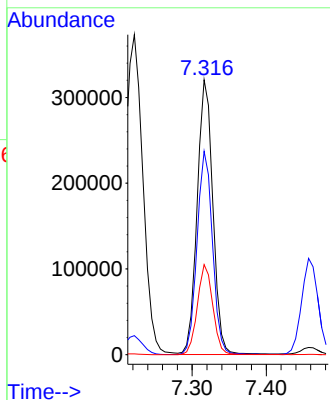
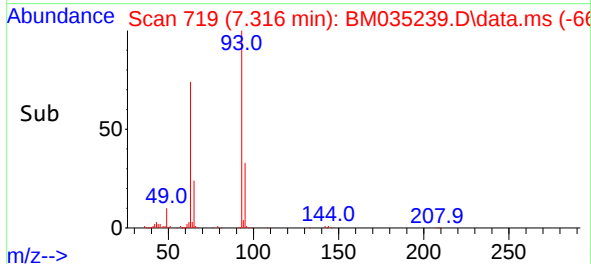
Instrument :
BNA_M
ClientSampleId :
PB145067BS



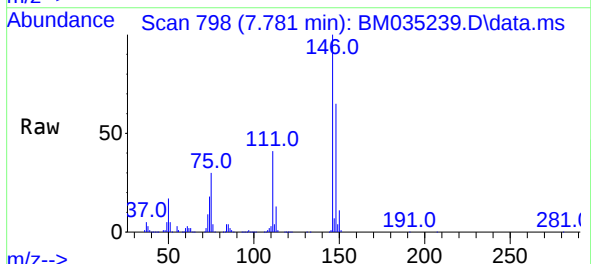
Tgt Ion: 93 Resp: 472794
Ion Ratio Lower Upper
93 100
63 74.0 60.6 100.6
95 32.8 13.2 53.2

Manual Integrations
APPROVED

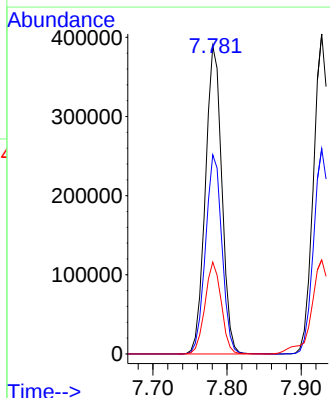
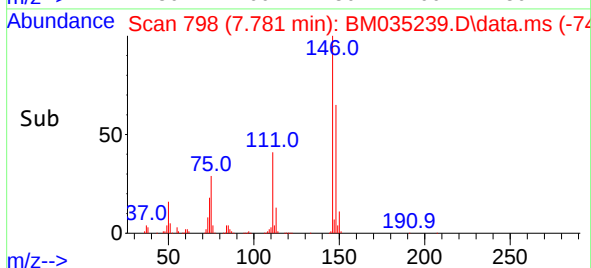
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

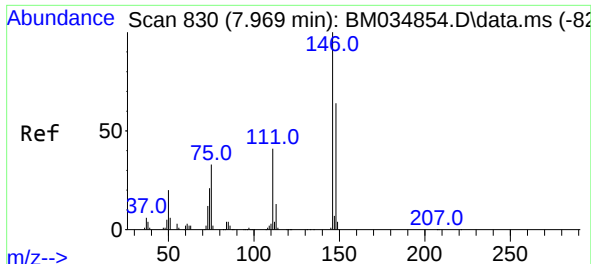


#12
1,3-Dichlorobenzene
Concen: 46.048 ng
RT: 7.781 min Scan# 798
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



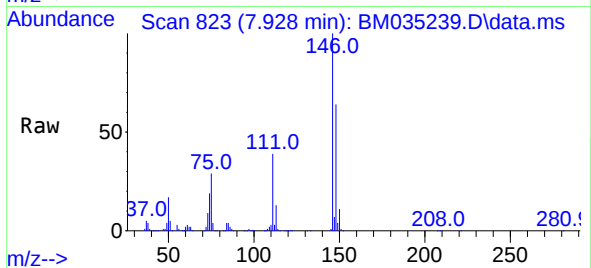
Tgt Ion:146 Resp: 600323
Ion Ratio Lower Upper
146 100
148 64.7 50.7 76.1
75 29.8 26.1 39.1





#13
1,4-Dichlorobenzene
Concen: 46.614 ng
RT: 7.928 min Scan# 811
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

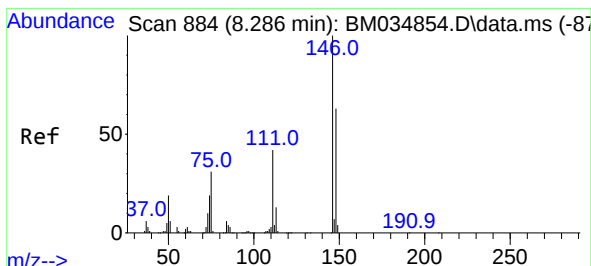
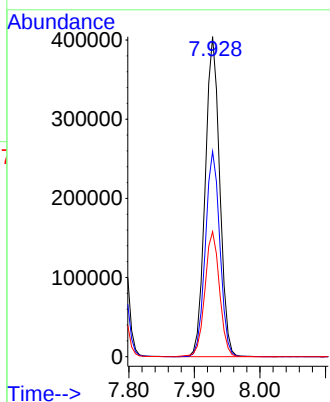
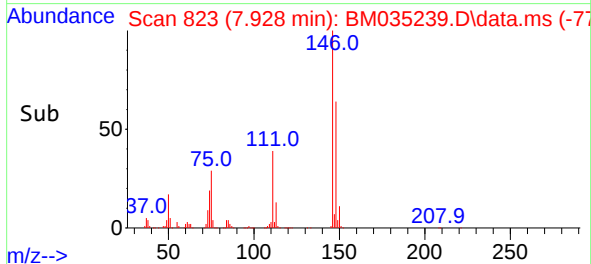
Instrument :
BNA_M
ClientSampleId :
PB145067BS



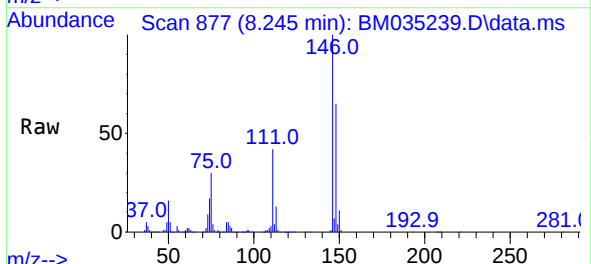
Tgt Ion:146 Resp: 621944
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
111 39.0 32.5 48.7

Manual Integrations
APPROVED

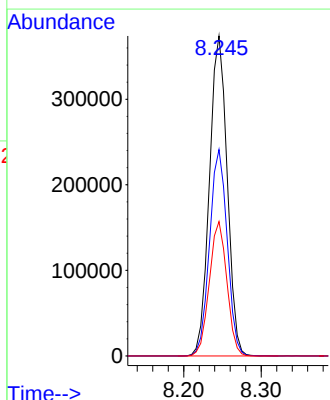
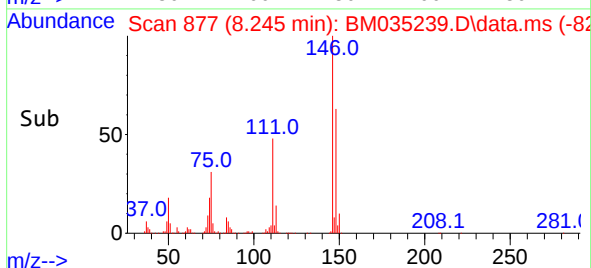
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

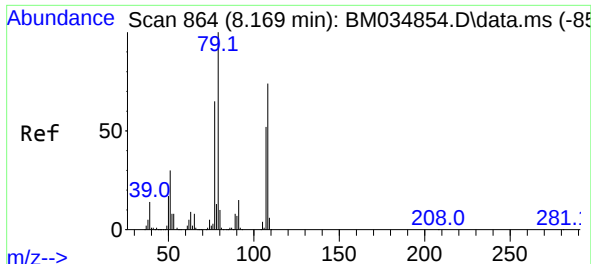


#14
1,2-Dichlorobenzene
Concen: 46.781 ng
RT: 8.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



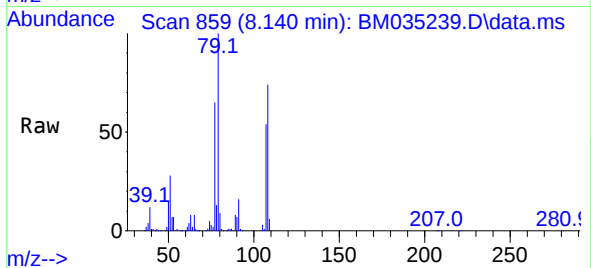
Tgt Ion:146 Resp: 594237
Ion Ratio Lower Upper
146 100
148 64.5 50.7 76.1
111 42.0 33.9 50.9





#15
Benzyl Alcohol
Concen: 48.725 ng
RT: 8.140 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

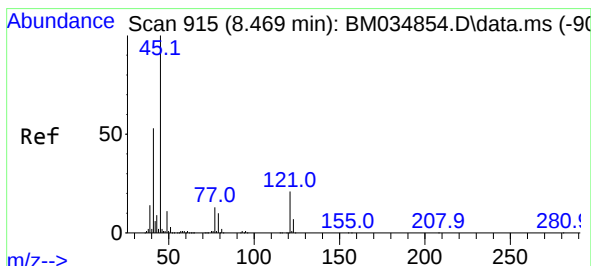
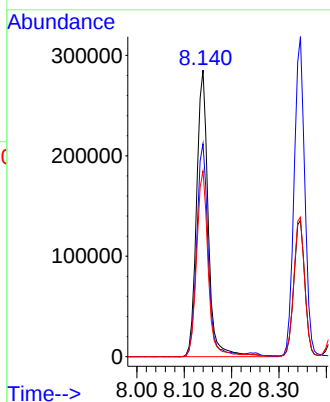
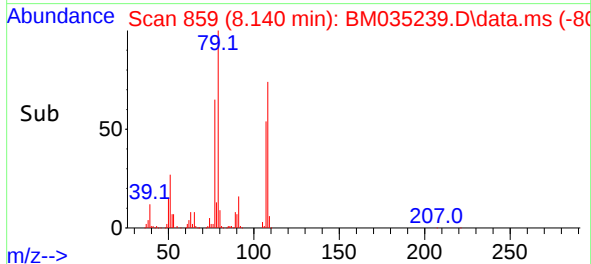
Instrument :
BNA_M
ClientSampleId :
PB145067BS



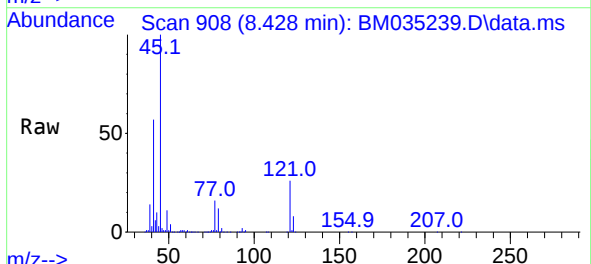
Tgt Ion: 79 Resp: 486085
Ion Ratio Lower Upper
79 100
108 74.3 59.0 88.4
77 64.8 52.2 78.4

Manual Integrations
APPROVED

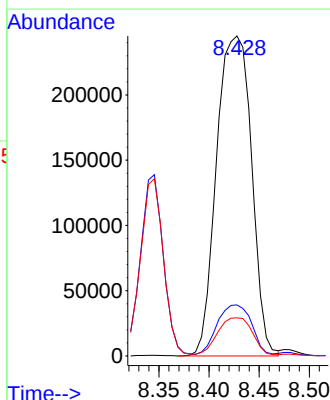
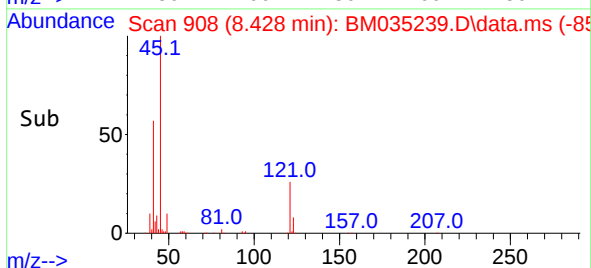
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

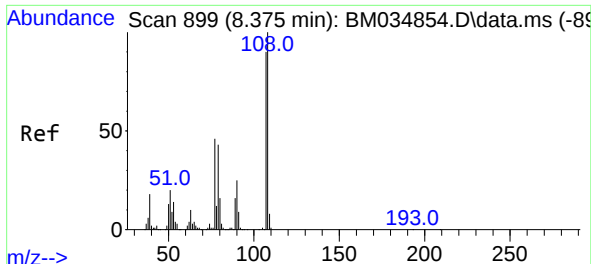


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.710 ng
RT: 8.428 min Scan# 908
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



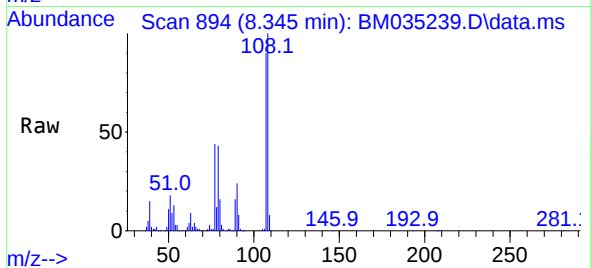
Tgt Ion: 45 Resp: 594800
Ion Ratio Lower Upper
45 100
77 15.9 0.0 33.1
79 11.9 0.0 30.5





#17
2-Methylphenol
Concen: 49.488 ng
RT: 8.345 min Scan# 899
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

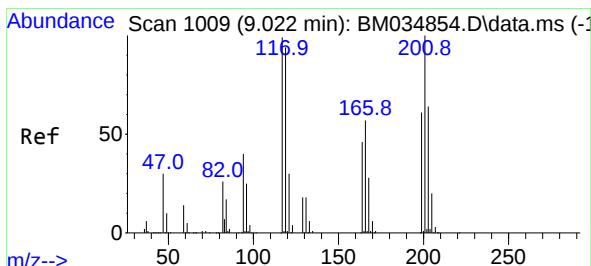
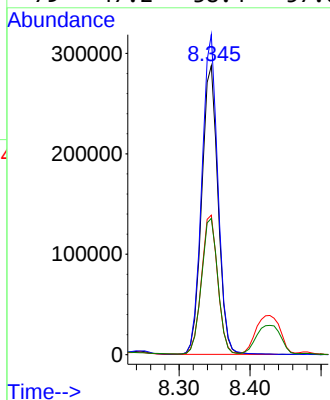
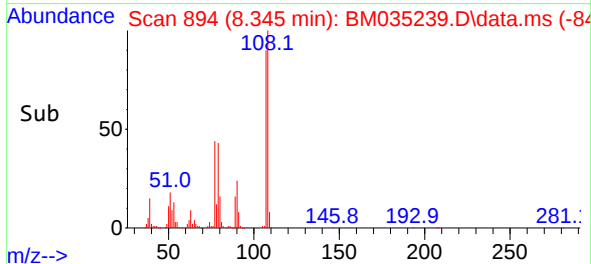
Instrument :
BNA_M
ClientSampleId :
PB145067BS



Tgt Ion:107 Resp: 458775
Ion Ratio Lower Upper
107 100
108 110.8 88.7 133.1
77 48.3 40.6 60.8
79 47.2 38.4 57.6

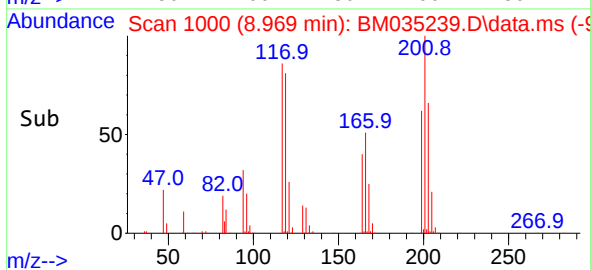
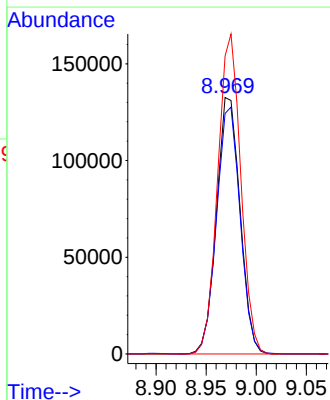
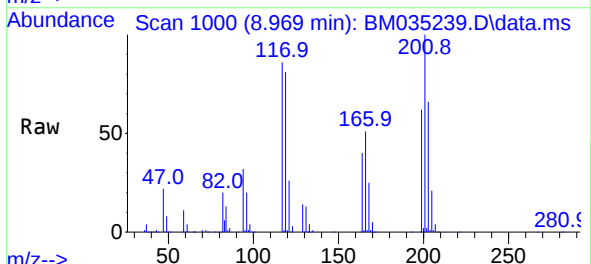
Manual Integrations
APPROVED

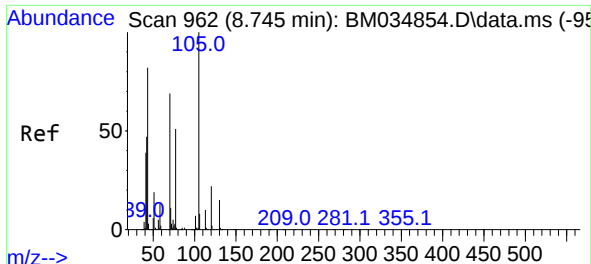
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#18
Hexachloroethane
Concen: 44.375 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Tgt Ion:117 Resp: 217310
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.6
201 116.2 81.0 121.4





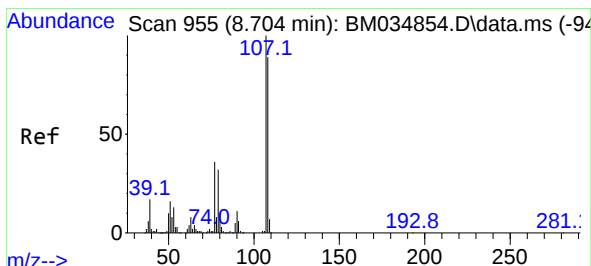
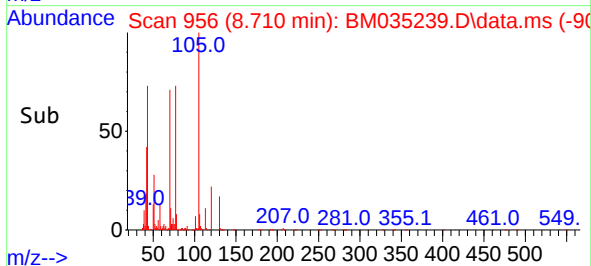
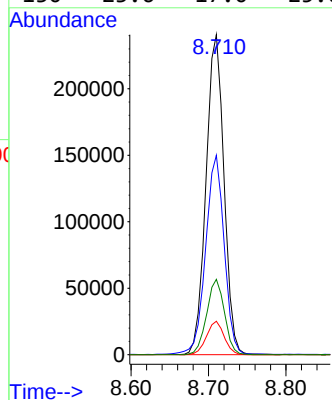
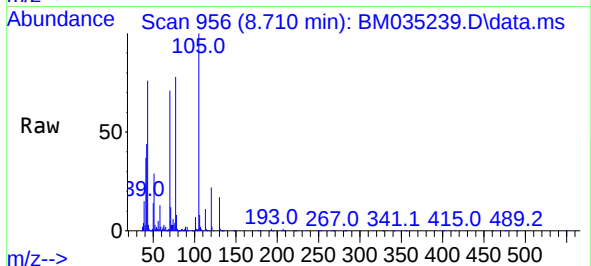
#19
n-Nitroso-di-n-propylamine
Concen: 44.330 ng
RT: 8.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Instrument :
BNA_M
ClientSampleId :
PB145067BS

Tgt Ion: 70 Resp: 387400
Ion Ratio Lower Upper
70 100
42 62.3 55.4 83.2
101 10.4 7.8 11.6
130 23.6 17.0 25.6

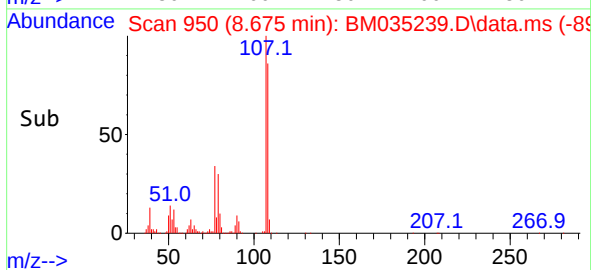
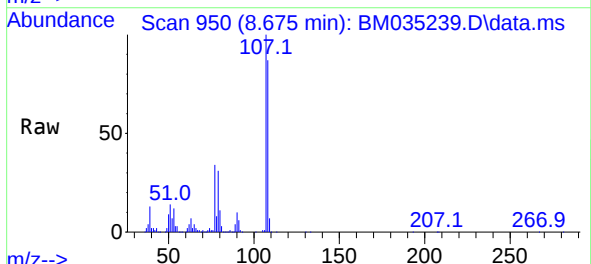
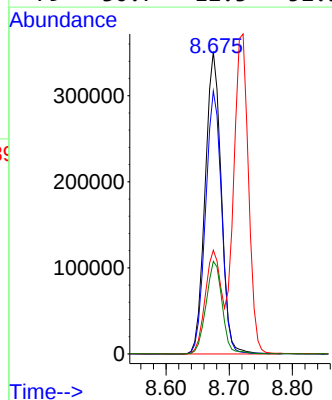
Manual Integrations
APPROVED

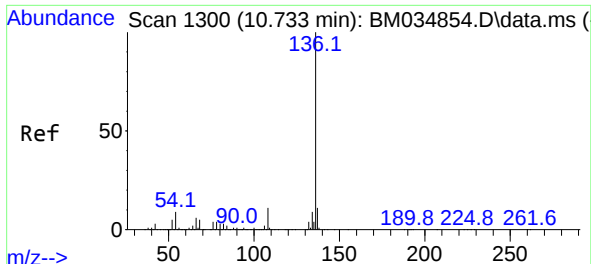
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#20
3+4-Methylphenols
Concen: 48.926 ng
RT: 8.675 min Scan# 950
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

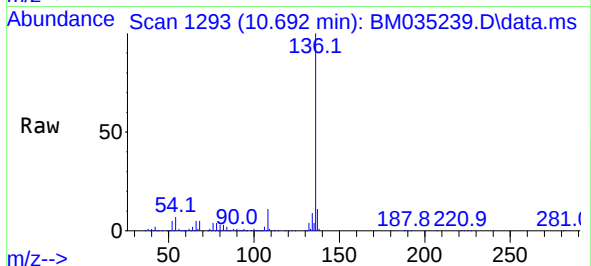
Tgt Ion:107 Resp: 620584
Ion Ratio Lower Upper
107 100
108 87.0 69.3 109.3
77 34.3 15.8 55.8
79 30.7 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

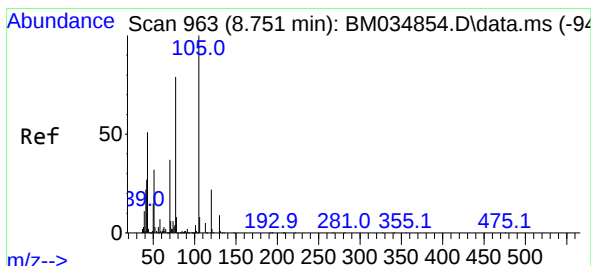
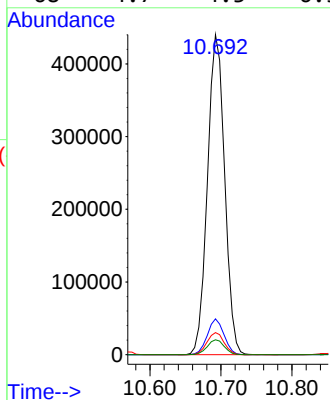
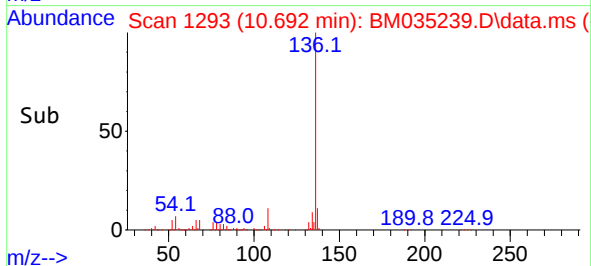
Instrument :
BNA_M
ClientSampleId :
PB145067BS



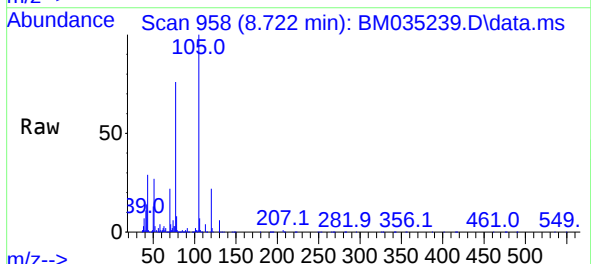
Tgt Ion:136 Resp: 739970
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.9 7.0 10.4
68 4.7 4.3 6.5

Manual Integrations
APPROVED

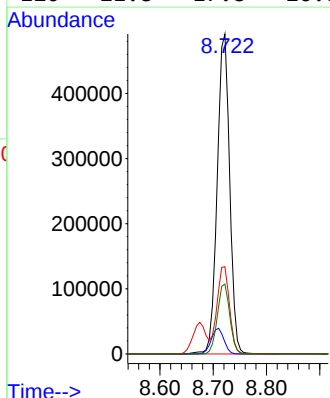
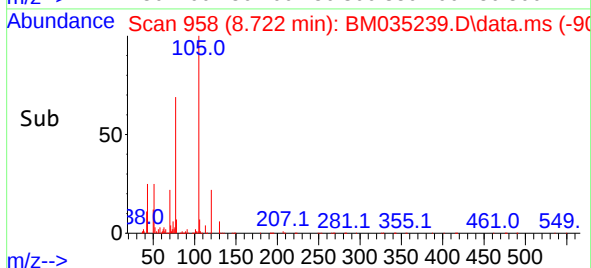
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

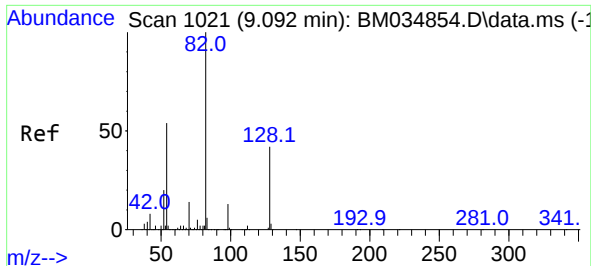


#22
Acetophenone
Concen: 44.483 ng
RT: 8.722 min Scan# 958
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



Tgt Ion:105 Resp: 797188
Ion Ratio Lower Upper
105 100
71 3.7 5.0 7.4
51 27.2 25.6 38.4
120 21.8 17.8 26.8





#23
Nitrobenzene-d5
Concen: 83.422 ng
RT: 9.057 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Instrument :

BNA_M

ClientSampleId :

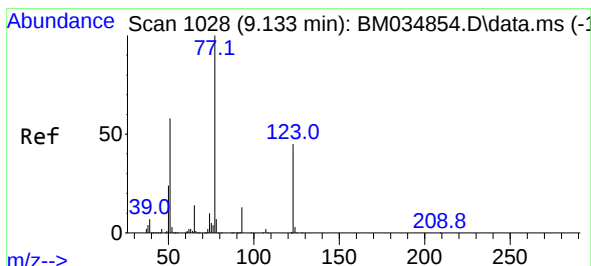
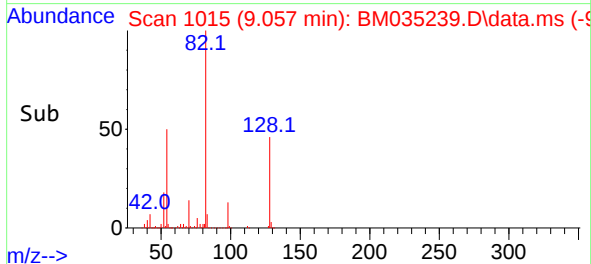
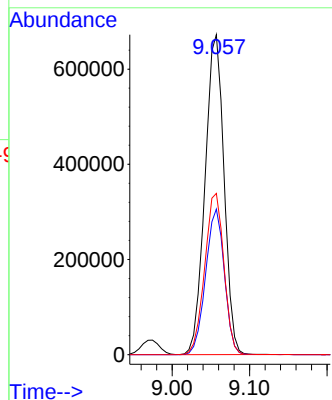
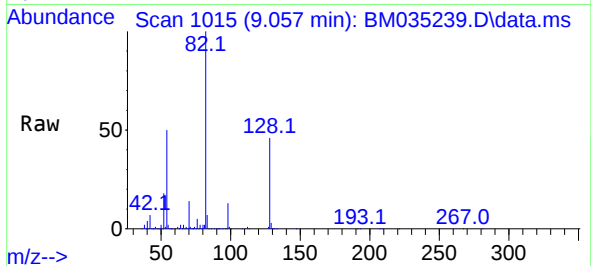
PB145067BS

Tgt Ion: 82 Resp: 114310
Ion Ratio Lower Upper
82 100
128 45.5 33.7 50.5
54 50.4 43.2 64.8

Manual Integrations

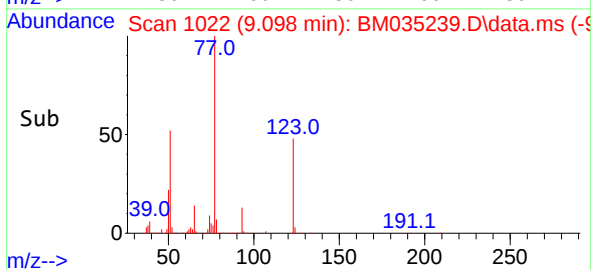
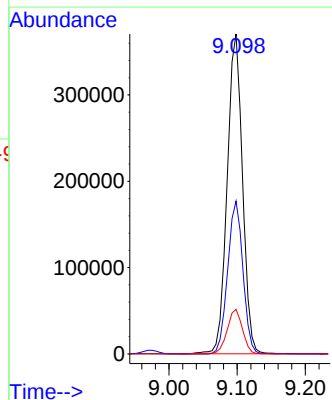
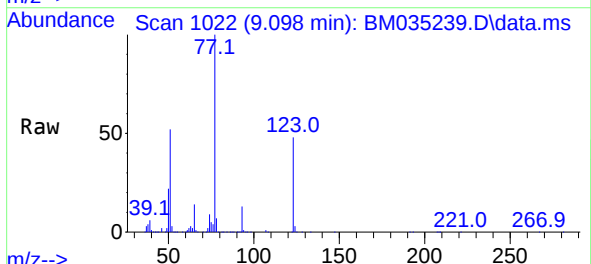
APPROVED

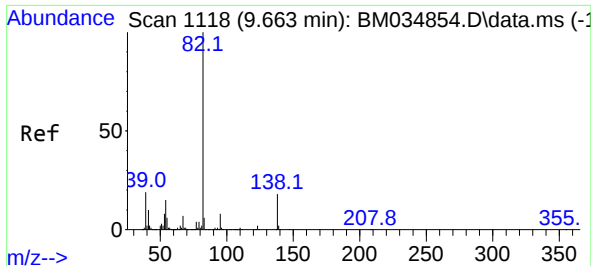
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#24
Nitrobenzene
Concen: 42.062 ng
RT: 9.098 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

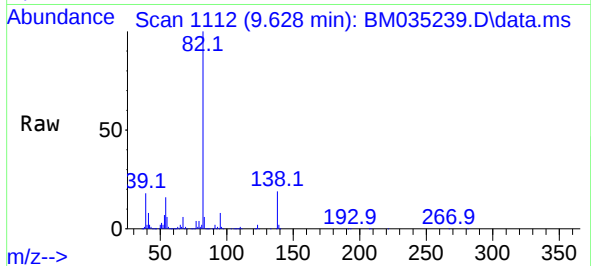
Tgt Ion: 77 Resp: 579776
Ion Ratio Lower Upper
77 100
123 47.7 36.2 54.4
65 14.0 11.4 17.0





#25
Isophorone
Concen: 45.460 ng
RT: 9.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

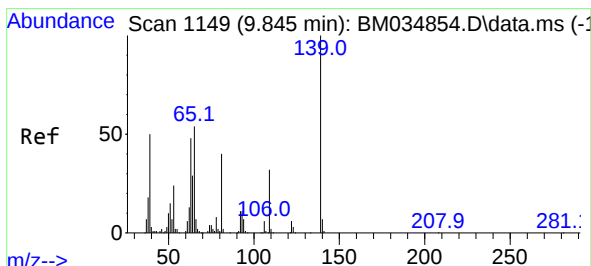
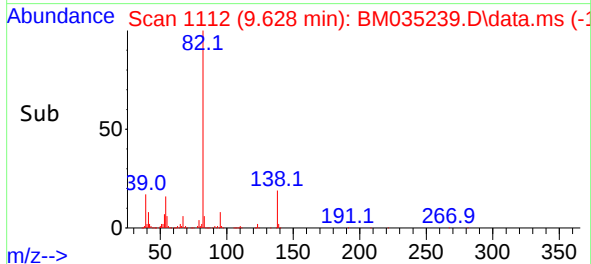
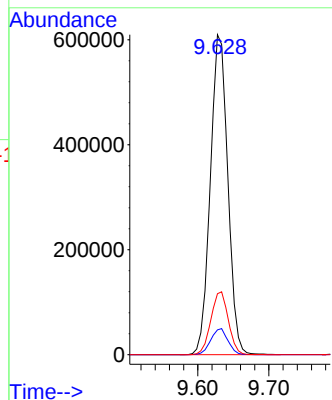
Instrument :
BNA_M
ClientSampleId :
PB145067BS



Tgt Ion: 82 Resp: 104150
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 19.1 14.2 21.4

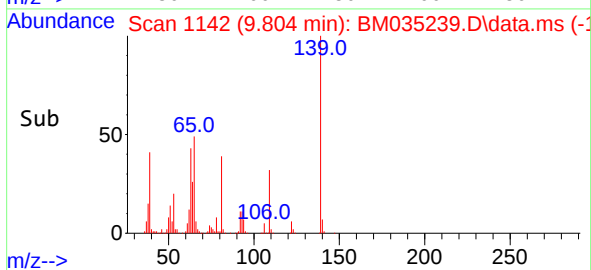
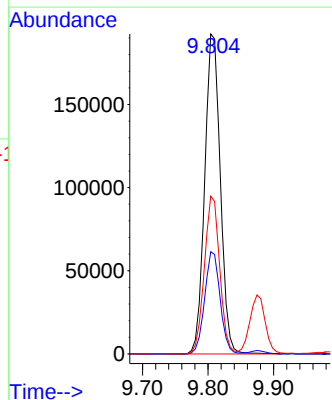
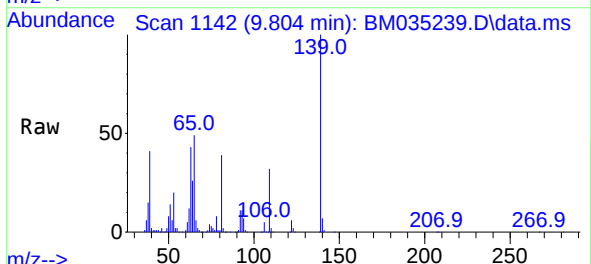
Manual Integrations
APPROVED

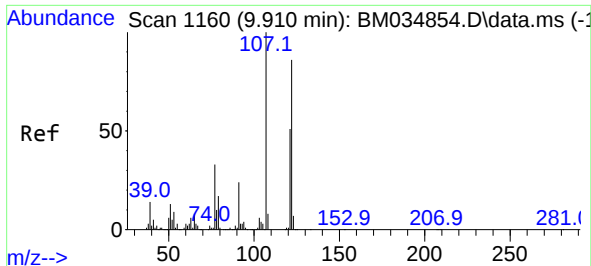
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#26
2-Nitrophenol
Concen: 53.143 ng
RT: 9.804 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

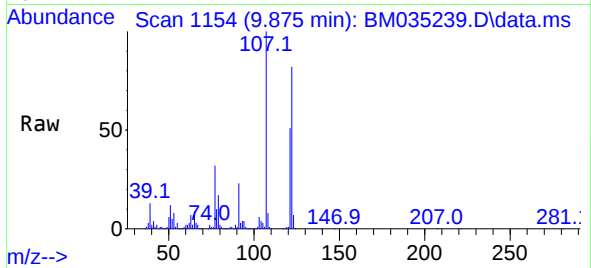
Tgt Ion:139 Resp: 319641
Ion Ratio Lower Upper
139 100
109 31.9 25.6 38.4
65 49.3 43.2 64.8





#27
2,4-Dimethylphenol
Concen: 56.388 ng
RT: 9.875 min Scan# 1154
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

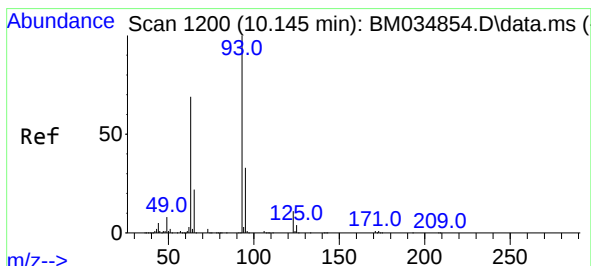
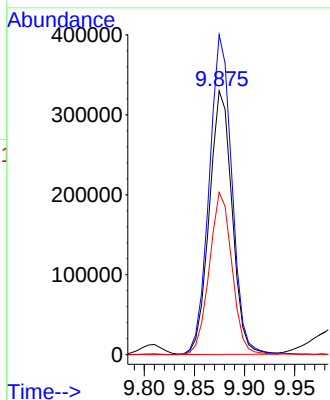
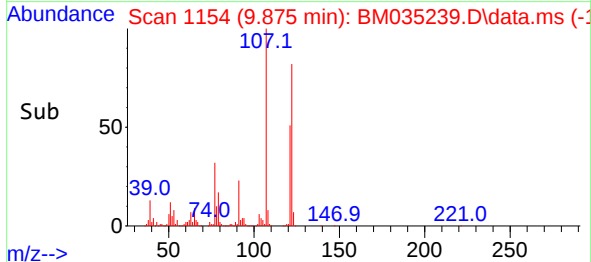
Instrument :
BNA_M
ClientSampleId :
PB145067BS



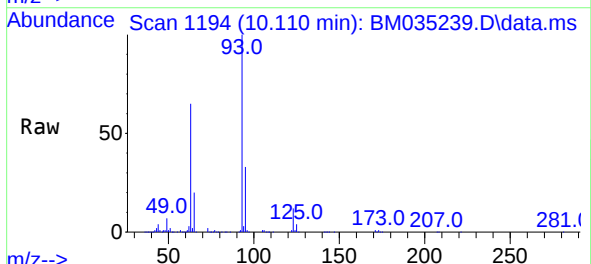
Tgt Ion:122 Resp: 522998
Ion Ratio Lower Upper
122 100
107 121.3 92.4 138.6
121 61.5 47.4 71.0

Manual Integrations
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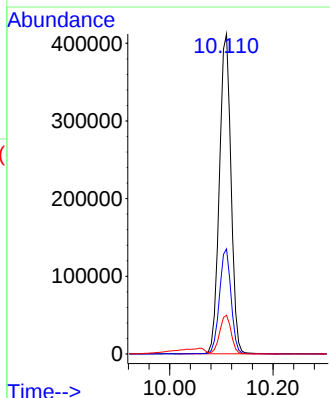
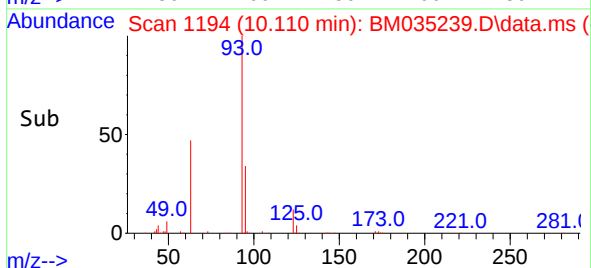
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

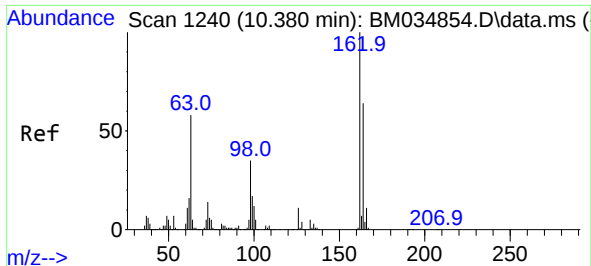


#28
bis(2-Chloroethoxy)methane
Concen: 48.495 ng
RT: 10.110 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



Tgt Ion: 93 Resp: 639395
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 12.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 52.787 ng

RT: 10.345 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035239.D

Acq: 25 May 2022 12:30

Instrument :

BNA_M

ClientSampleId :

PB145067BS

Tgt Ion:162 Resp: 577240

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

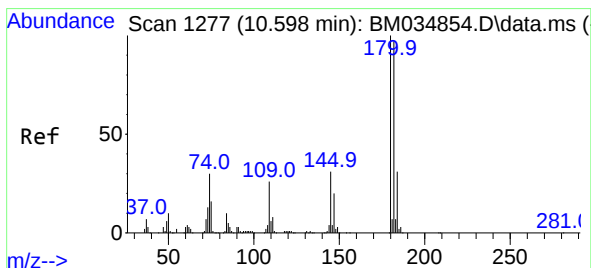
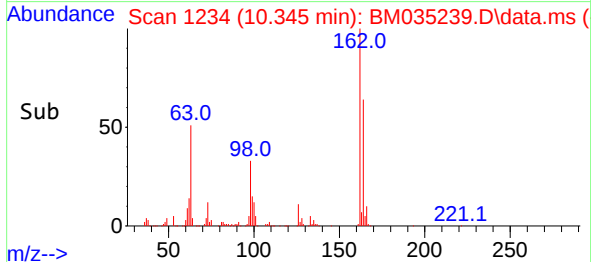
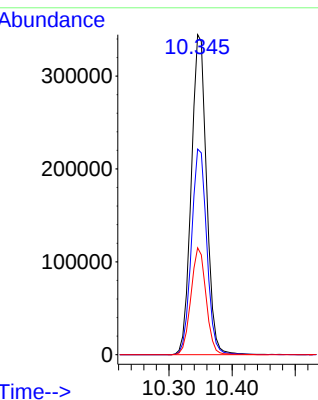
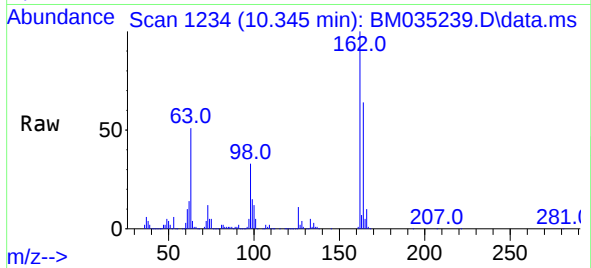
98 33.4 15.0 55.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2022

Supervised By :Jagrut Upadhyay 05/26/2022



#30

1,2,4-Trichlorobenzene

Concen: 50.447 ng

RT: 10.557 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BM035239.D

Acq: 25 May 2022 12:30

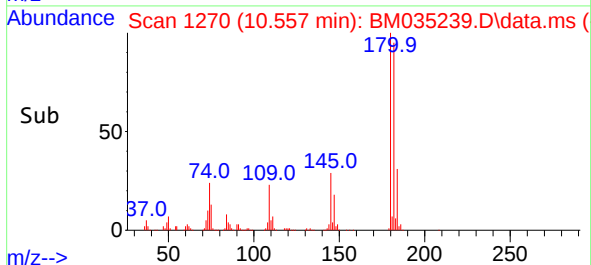
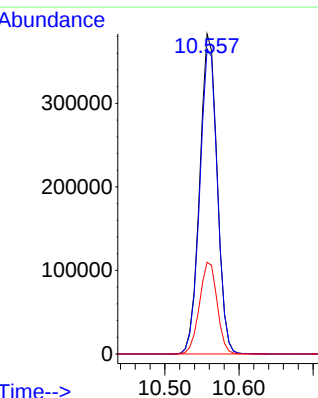
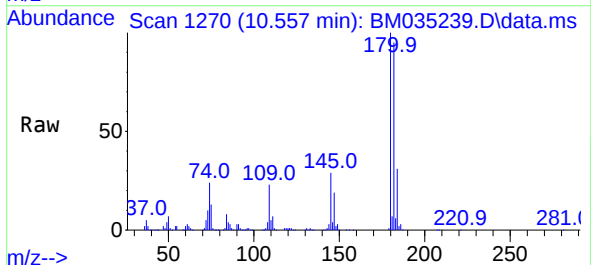
Tgt Ion:180 Resp: 624425

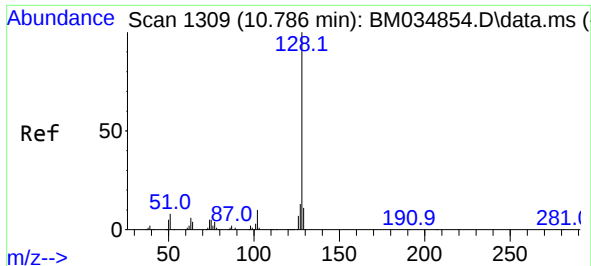
Ion Ratio Lower Upper

180 100

182 95.4 77.9 116.9

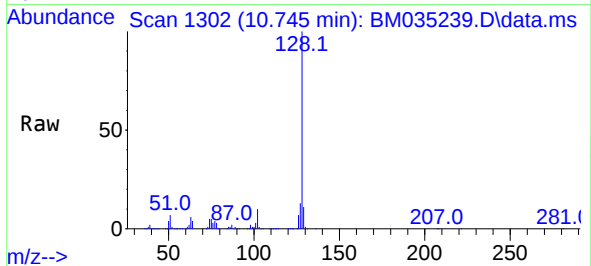
145 28.7 25.0 37.6





#31
Naphthalene
Concen: 43.672 ng
RT: 10.745 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

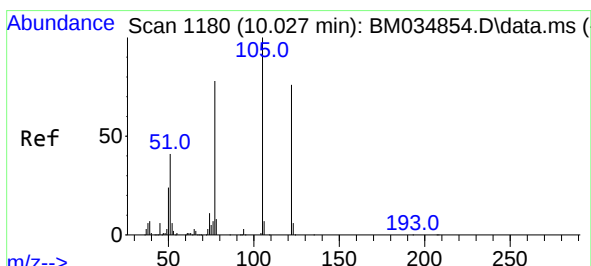
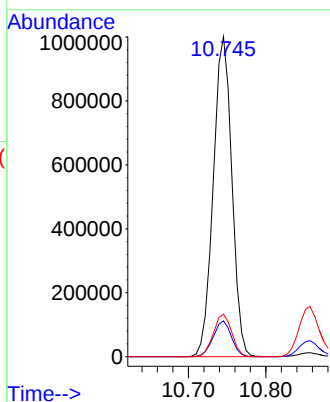
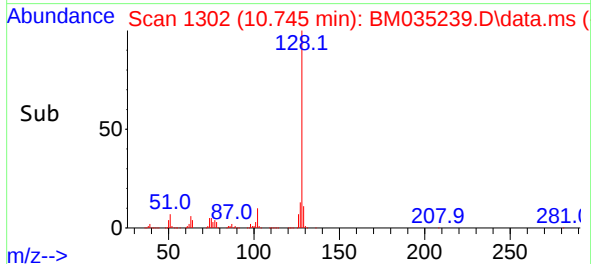
Instrument :
BNA_M
ClientSampleId :
PB145067BS



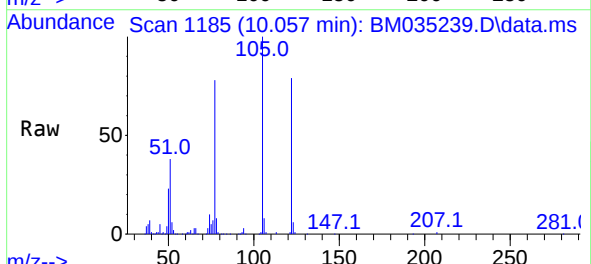
Tgt Ion:128 Resp: 166705
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.6 16.0

Manual Integrations
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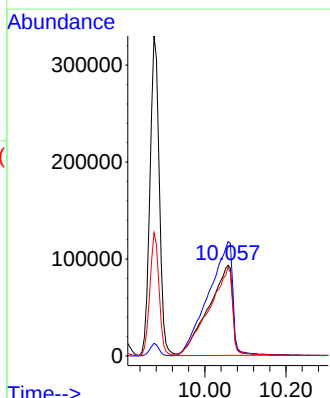
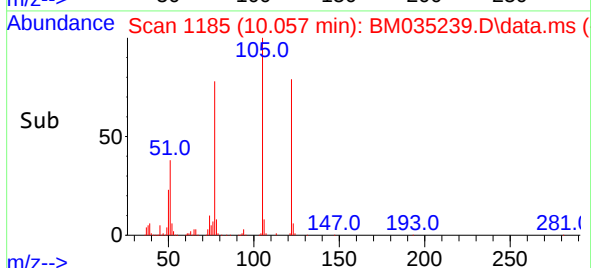
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

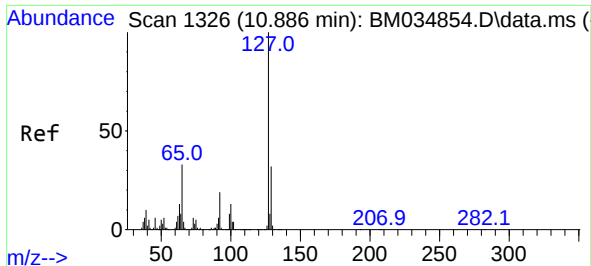


#32
Benzoic acid
Concen: 52.079 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.024 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



Tgt Ion:122 Resp: 387527
Ion Ratio Lower Upper
122 100
105 126.0 105.7 145.7
77 98.0 80.0 120.0





#33
4-Chloroaniline
Concen: 19.396 ng
RT: 10.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Instrument :

BNA_M

ClientSampleId :

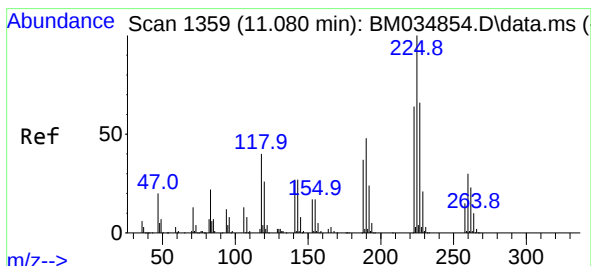
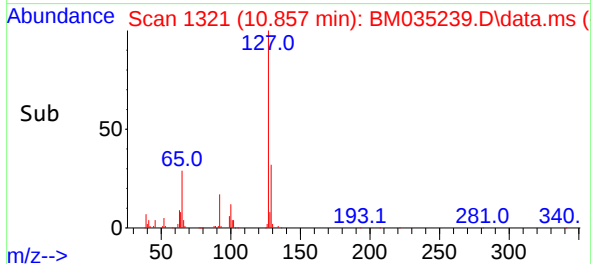
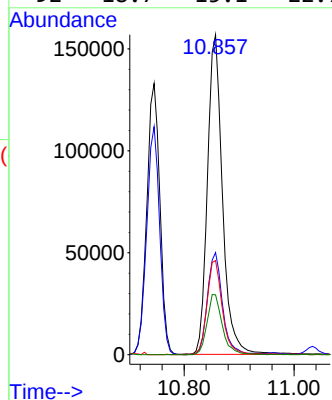
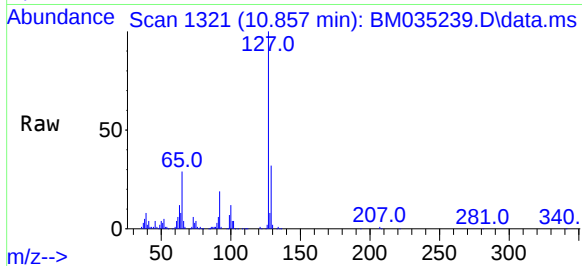
PB145067BS

Tgt Ion:127 Resp: 29783
Ion Ratio Lower Upper
127 100
129 31.9 25.7 38.5
65 29.4 26.6 40.0
92 18.7 15.1 22.7

Manual Integrations

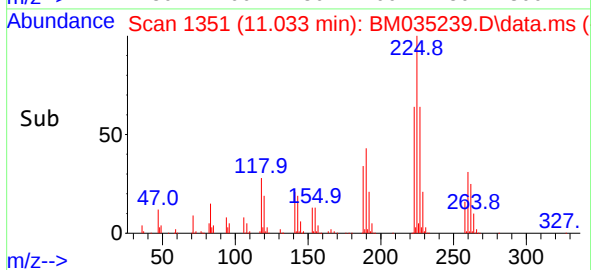
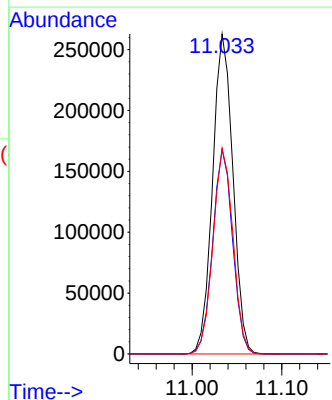
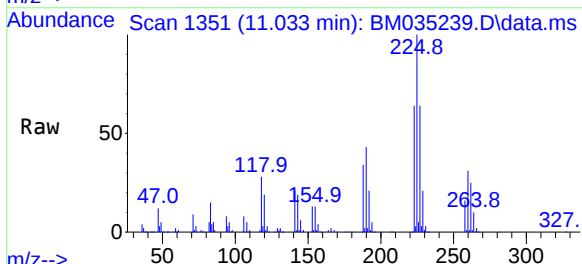
APPROVED

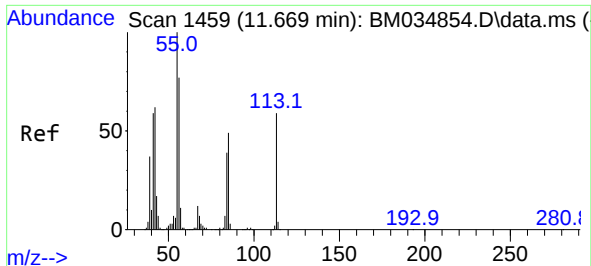
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#34
Hexachlorobutadiene
Concen: 54.033 ng
RT: 11.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

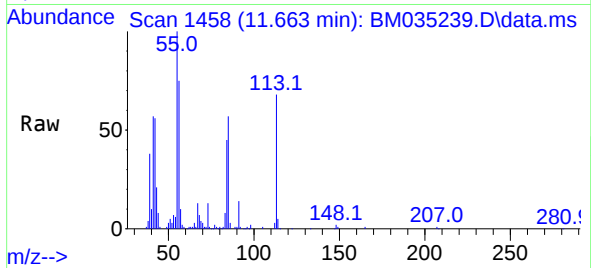
Tgt Ion:225 Resp: 412938
Ion Ratio Lower Upper
225 100
223 63.9 50.8 76.2
227 64.2 52.7 79.1





#35
Caprolactam
Concen: 46.954 ng m
RT: 11.663 min Scan# 1459
Delta R.T. 0.012 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

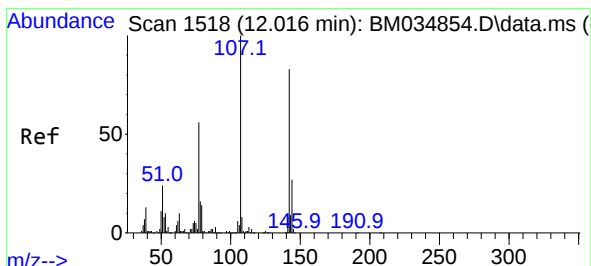
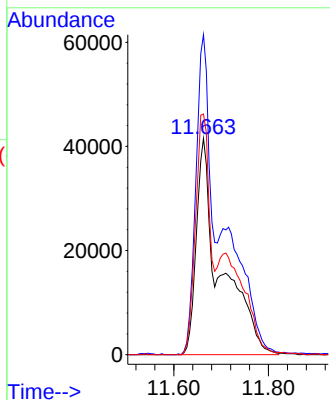
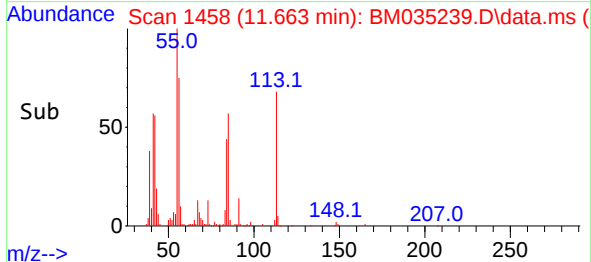
Instrument :
BNA_M
ClientSampleId :
PB145067BS



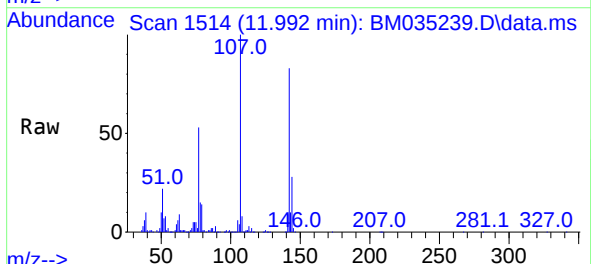
Tgt Ion:113 Resp: 148295
Ion Ratio Lower Upper
113 100
55 147.9 150.1 190.1
56 111.2 111.7 151.7

Manual Integrations
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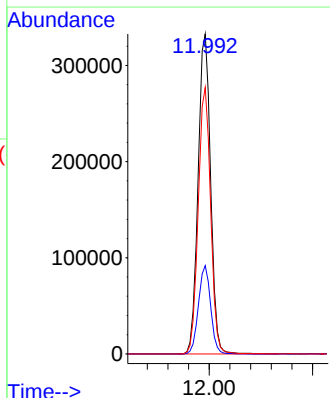
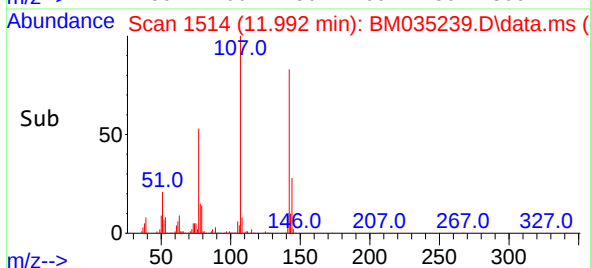
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

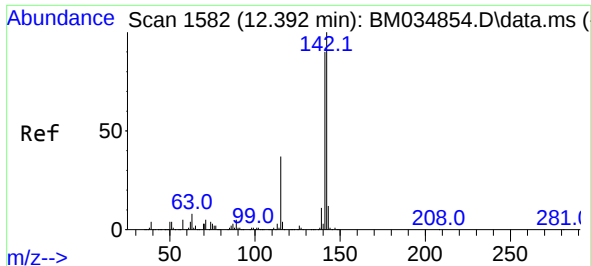


#36
4-Chloro-3-methylphenol
Concen: 49.371 ng
RT: 11.992 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



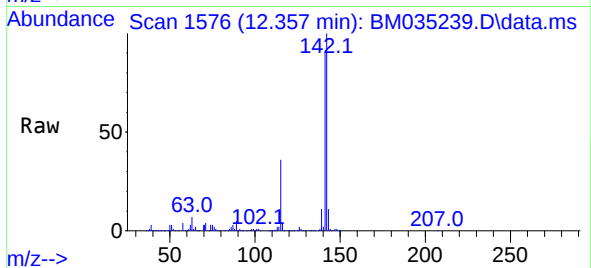
Tgt Ion:107 Resp: 558675
Ion Ratio Lower Upper
107 100
144 27.6 21.4 32.0
142 83.2 66.7 100.1





#37
2-Methylnaphthalene
Concen: 45.191 ng
RT: 12.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

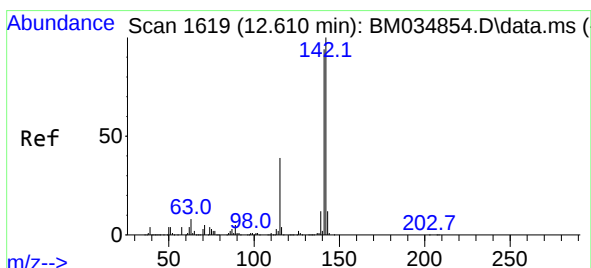
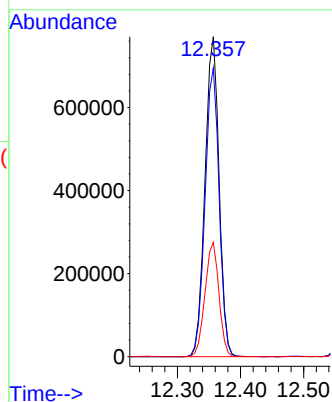
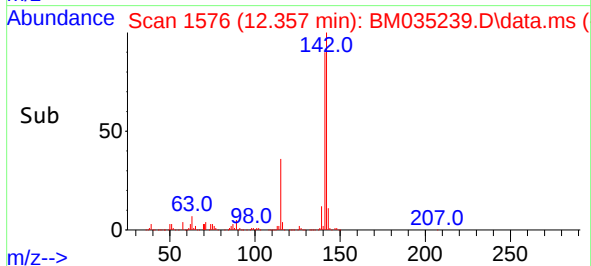
Instrument :
BNA_M
ClientSampleId :
PB145067BS



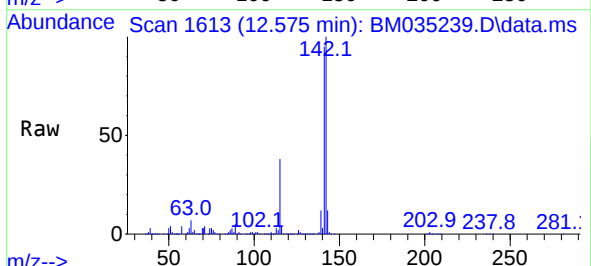
Tgt Ion:142 Resp: 1195294
Ion Ratio Lower Upper
142 100
141 90.2 72.4 108.6
115 35.8 29.6 44.4

Manual Integrations
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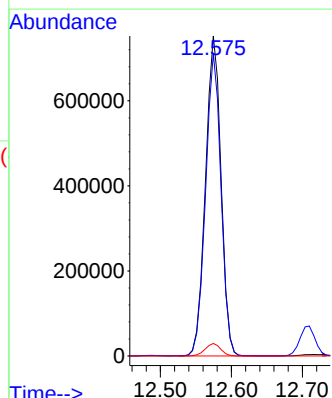
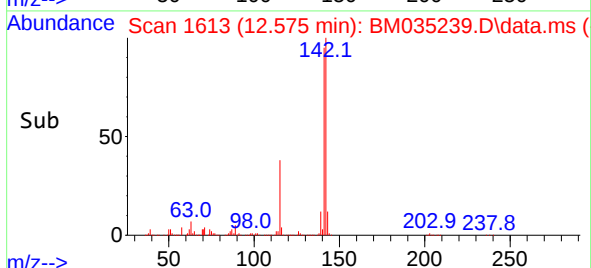
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

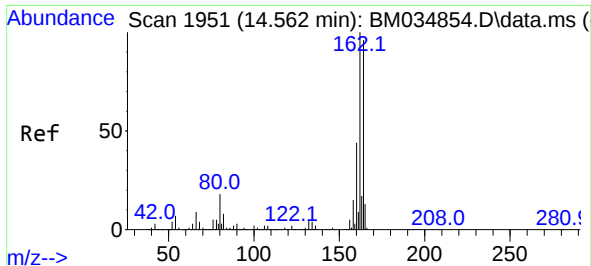


#38
1-Methylnaphthalene
Concen: 44.421 ng
RT: 12.575 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



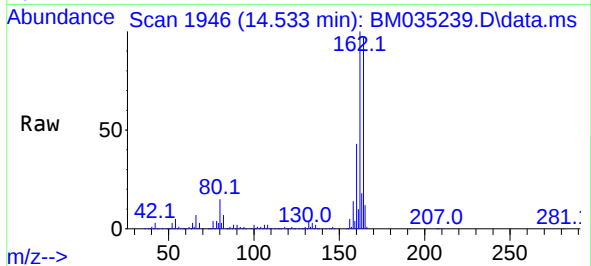
Tgt Ion:142 Resp: 1147365
Ion Ratio Lower Upper
142 100
141 94.6 75.0 112.4
116 3.9 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

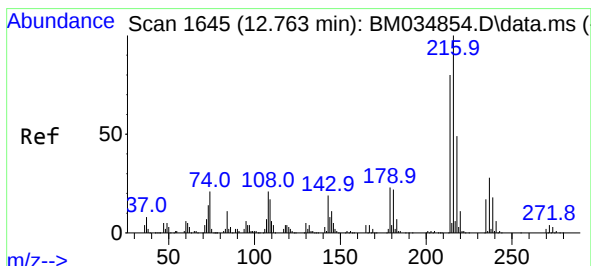
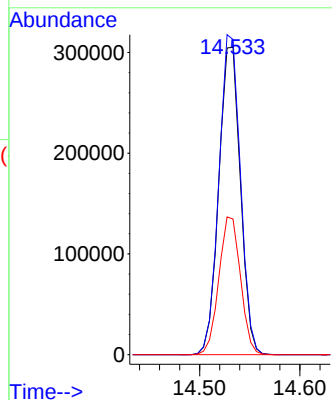
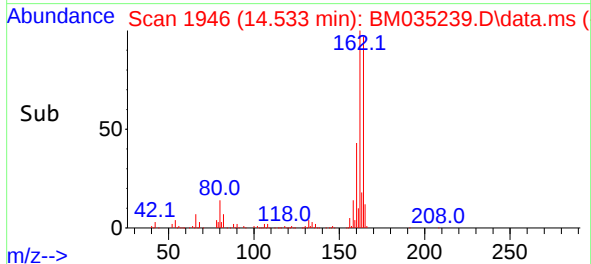
Instrument :
BNA_M
ClientSampleId :
PB145067BS



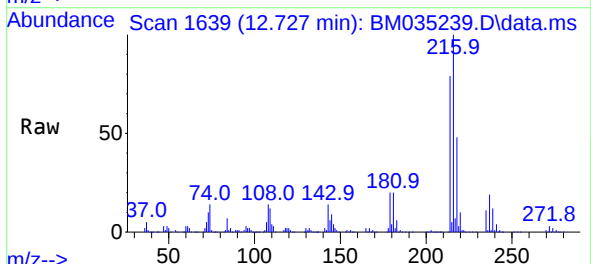
Tgt Ion:164 Resp: 456410
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.6
160 44.2 37.0 55.4

Manual Integrations
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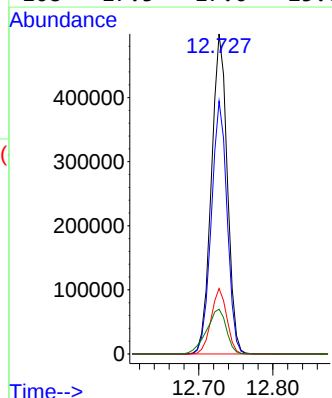
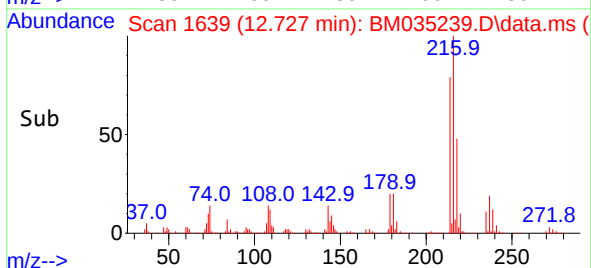
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

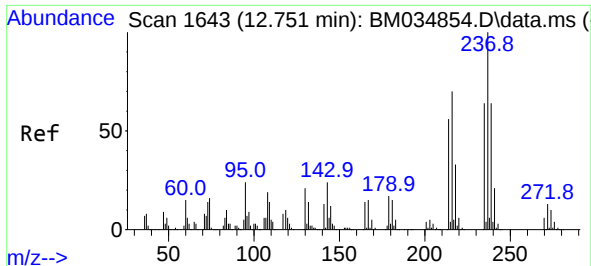


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.164 ng
RT: 12.727 min Scan# 1639
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



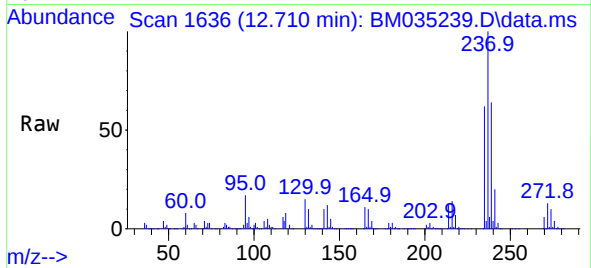
Tgt Ion:216 Resp: 742907
Ion Ratio Lower Upper
216 100
214 78.2 62.6 94.0
179 20.1 18.2 27.2
108 17.5 17.0 25.6





#41
Hexachlorocyclopentadiene
Concen: 130.529 ng
RT: 12.710 min Scan# 10
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

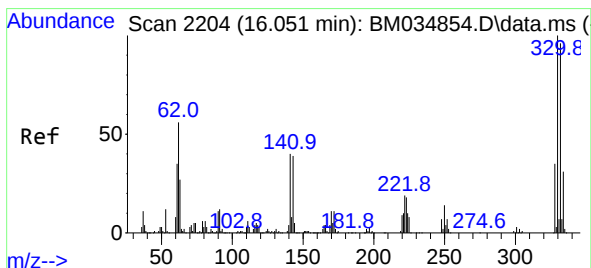
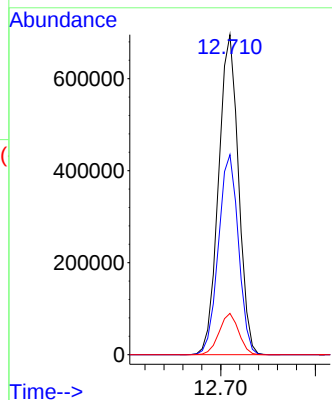
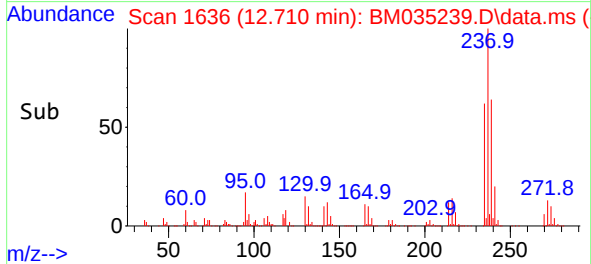
Instrument :
BNA_M
ClientSampleId :
PB145067BS



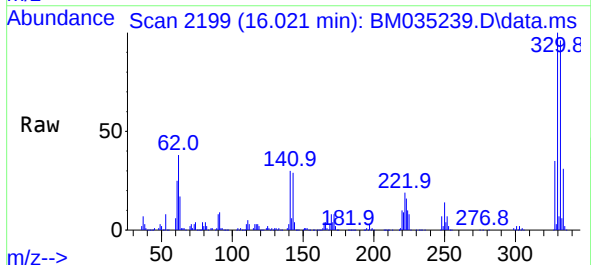
Tgt Ion:237 Resp: 101564
Ion Ratio Lower Upper
237 100
235 62.5 43.8 83.8
272 12.9 0.0 32.5

Manual Integrations
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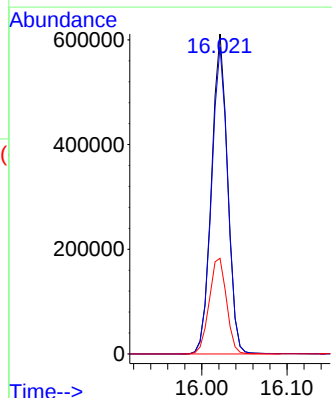
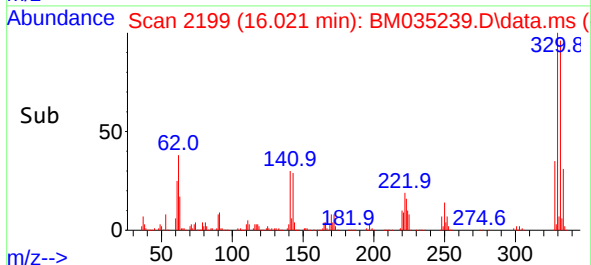
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

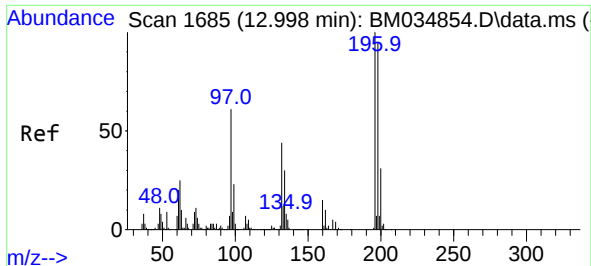


#42
2,4,6-Tribromophenol
Concen: 161.588 ng
RT: 16.021 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



Tgt Ion:330 Resp: 802255
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 32.2 35.3 52.9#





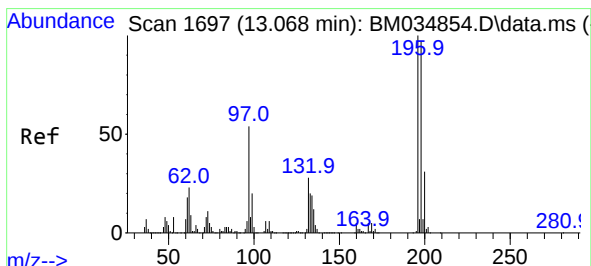
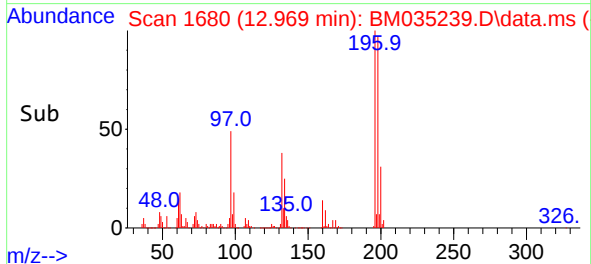
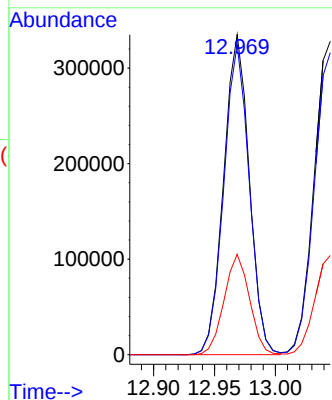
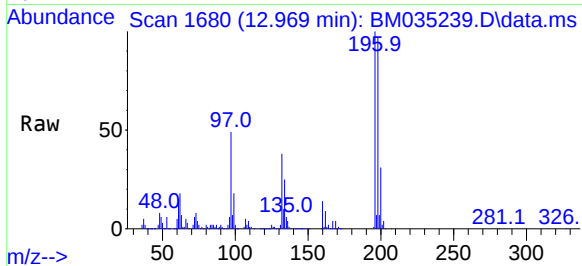
#43
2,4,6-Trichlorophenol
Concen: 55.785 ng
RT: 12.969 min Scan# 1680
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Instrument :
BNA_M
ClientSampleId :
PB145067BS

Tgt Ion:196 Resp: 49078
Ion Ratio Lower Upper
196 100
198 96.8 75.8 113.6
200 31.4 24.9 37.3

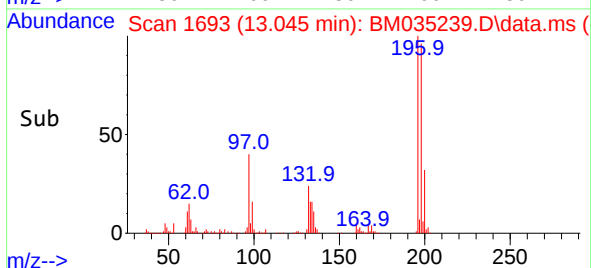
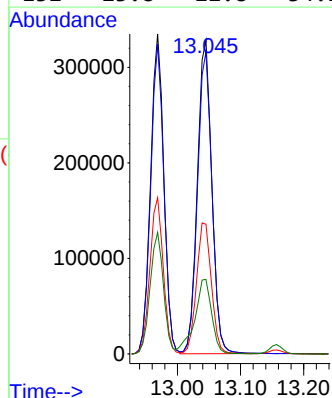
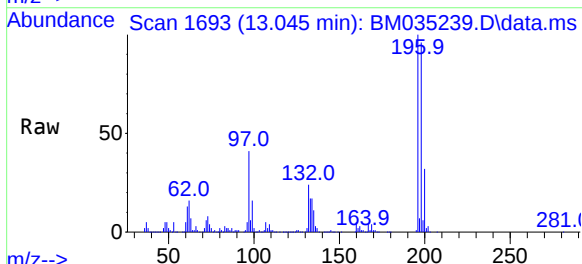
Manual Integrations
APPROVED

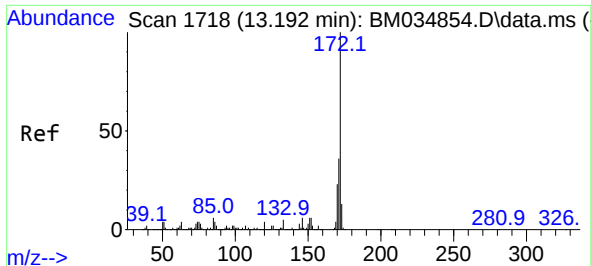
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#44
2,4,5-Trichlorophenol
Concen: 53.540 ng
RT: 13.045 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

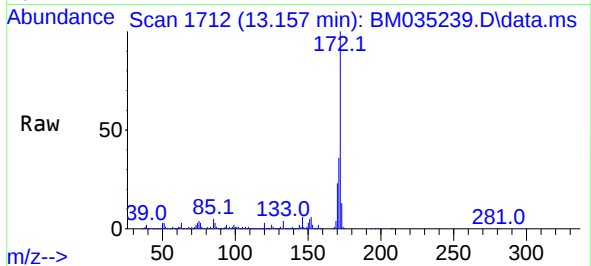
Tgt Ion:196 Resp: 523058
Ion Ratio Lower Upper
196 100
198 96.4 77.8 116.6
97 41.4 43.4 65.2#
132 23.8 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 95.602 ng
RT: 13.157 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

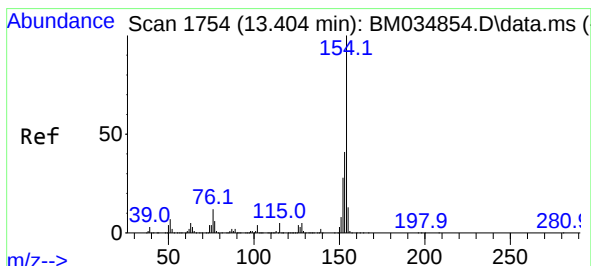
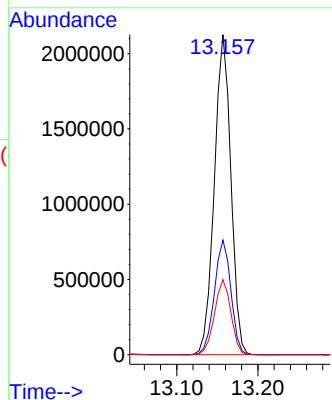
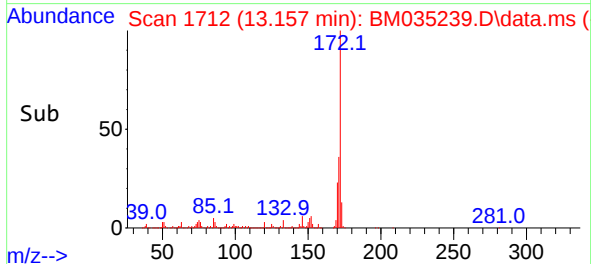
Instrument :
BNA_M
ClientSampleId :
PB145067BS



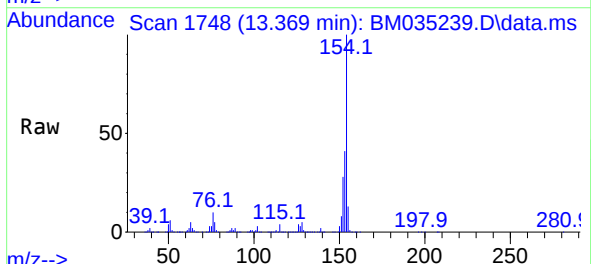
Tgt Ion:172 Resp: 3005740
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.5 18.7 28.1

Manual Integrations
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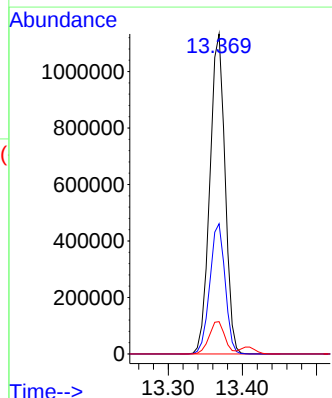
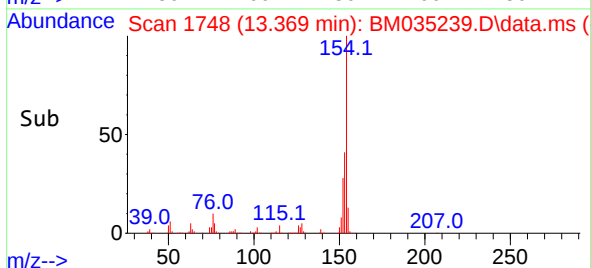
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

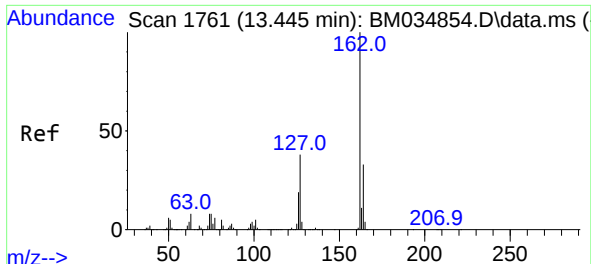


#46
1,1'-Biphenyl
Concen: 46.872 ng
RT: 13.369 min Scan# 1748
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



Tgt Ion:154 Resp: 1611684
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 10.1 0.0 31.8





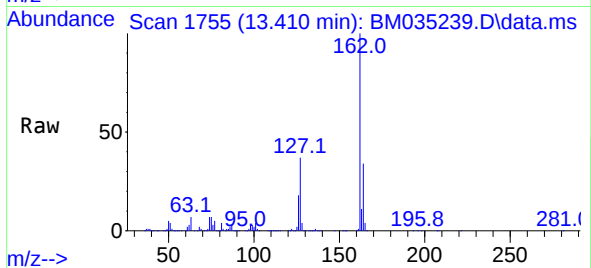
#47
2-Chloronaphthalene
Concen: 46.671 ng
RT: 13.410 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Instrument :

BNA_M

ClientSampleId :

PB145067BS

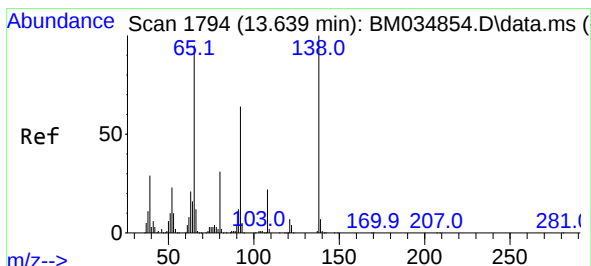
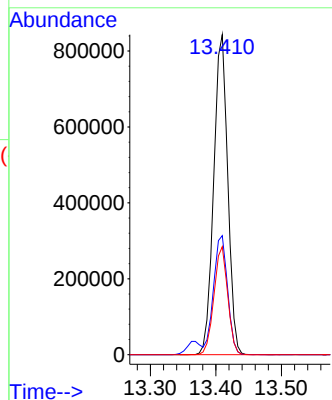
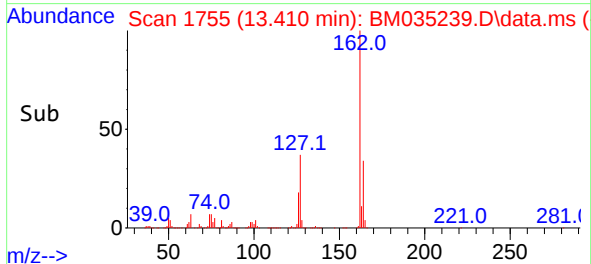


Tgt Ion:162 Resp: 125062
Ion Ratio Lower Upper
162 100
127 37.2 30.6 45.8
164 33.7 26.6 39.8

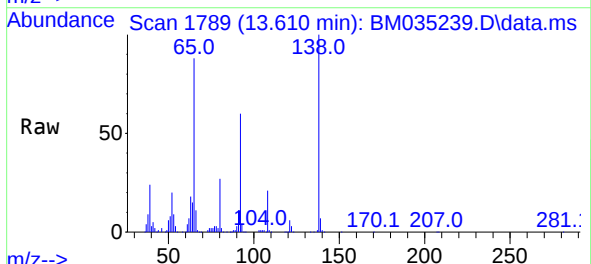
Manual Integrations

APPROVED

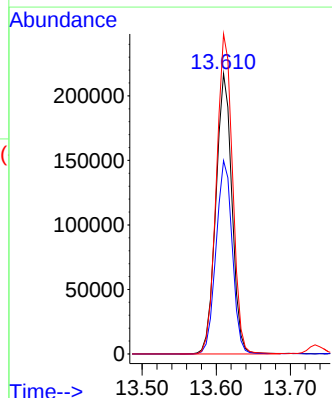
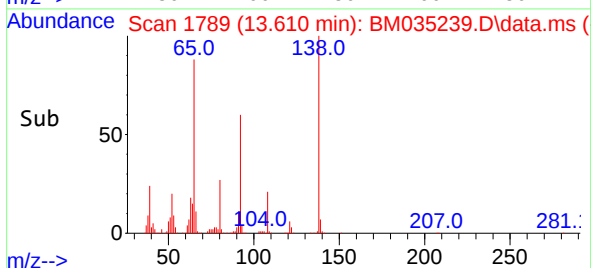
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

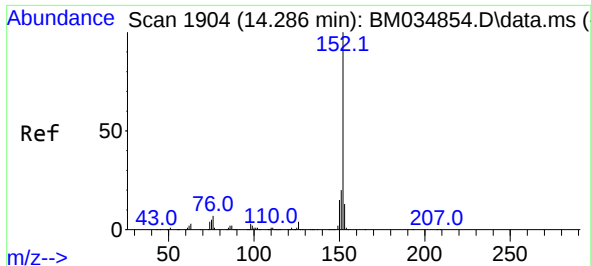


#48
2-Nitroaniline
Concen: 42.416 ng
RT: 13.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



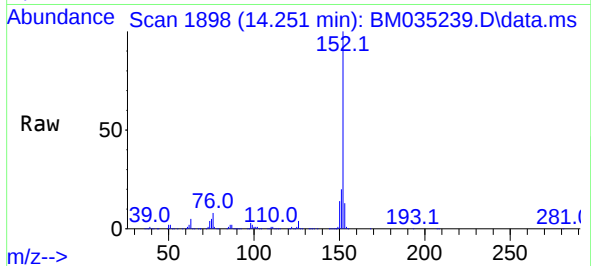
Tgt Ion: 65 Resp: 326964
Ion Ratio Lower Upper
65 100
92 68.9 53.7 80.5
138 114.1 83.9 125.9





#49
Acenaphthylene
Concen: 48.399 ng
RT: 14.251 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

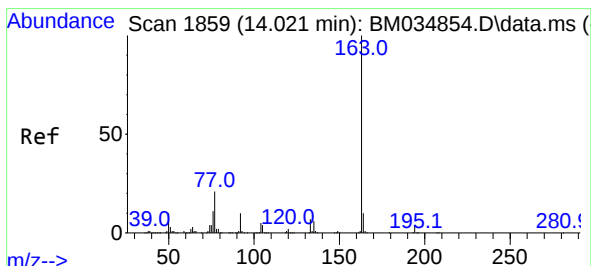
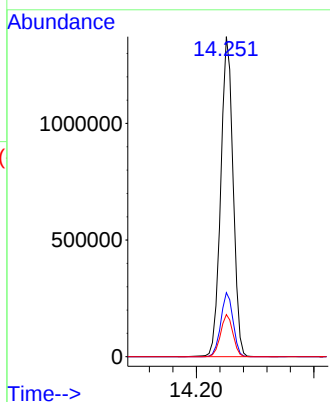
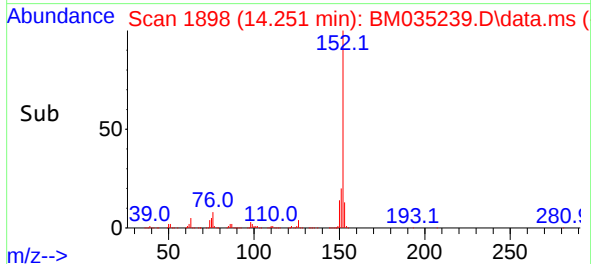
Instrument :
BNA_M
ClientSampleId :
PB145067BS



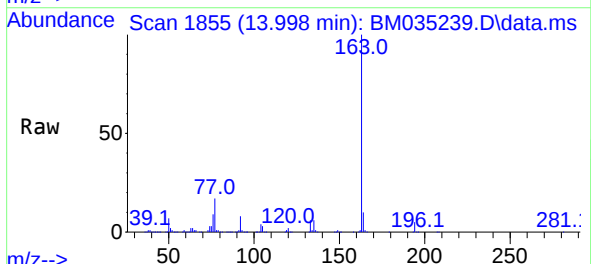
Tgt Ion:152 Resp: 1996749
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.2 10.5 15.7

Manual Integrations
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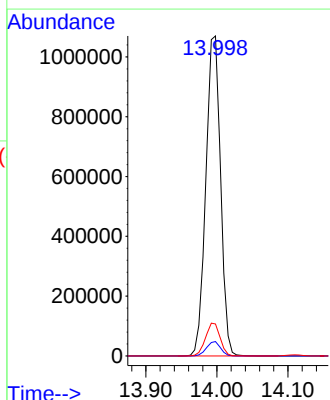
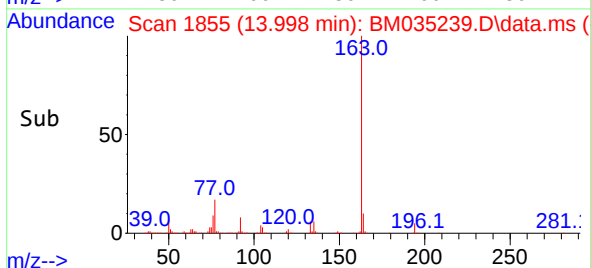
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

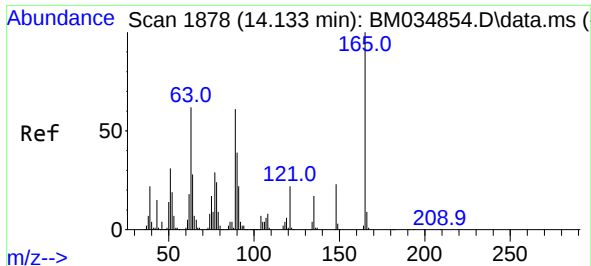


#50
Dimethylphthalate
Concen: 45.367 ng
RT: 13.998 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



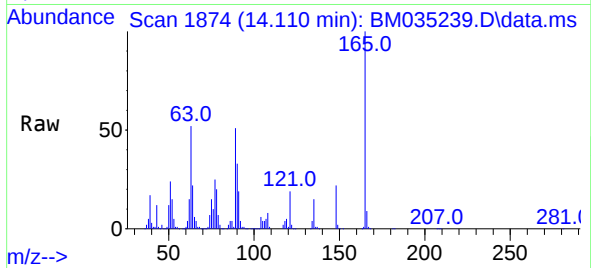
Tgt Ion:163 Resp: 1543729
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.4#
164 10.0 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 49.718 ng
RT: 14.110 min Scan# 1878
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

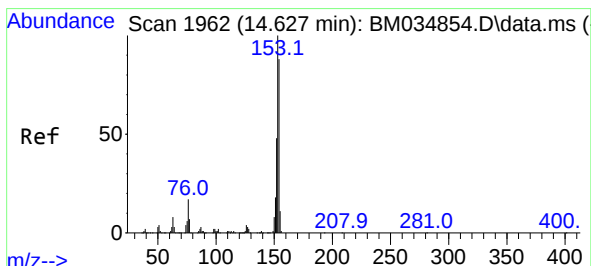
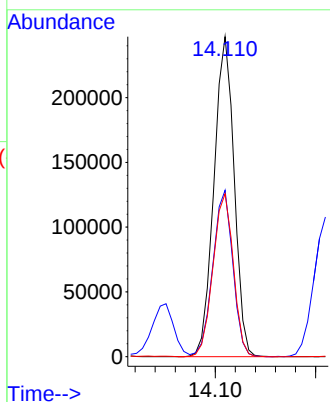
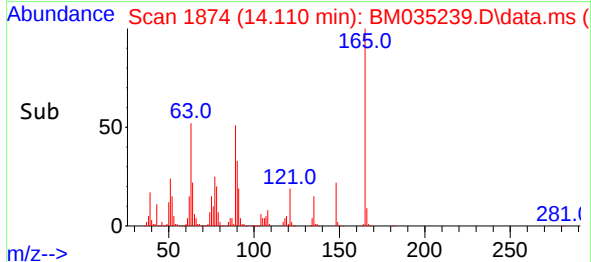
Instrument :
BNA_M
ClientSampleId :
PB145067BS



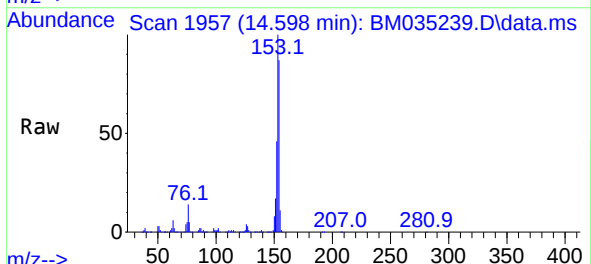
Tgt Ion:165 Resp: 344444
Ion Ratio Lower Upper
165 100
63 52.0 50.2 75.2
89 50.9 48.4 72.6

Manual Integrations
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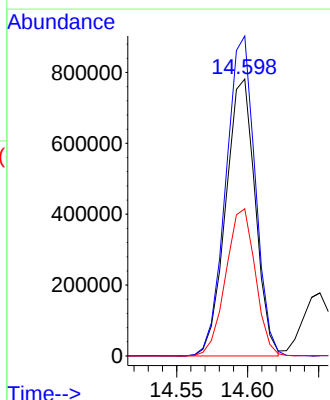
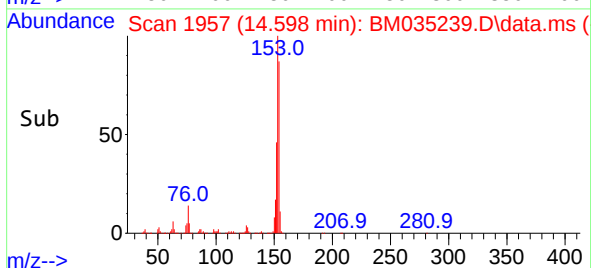
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

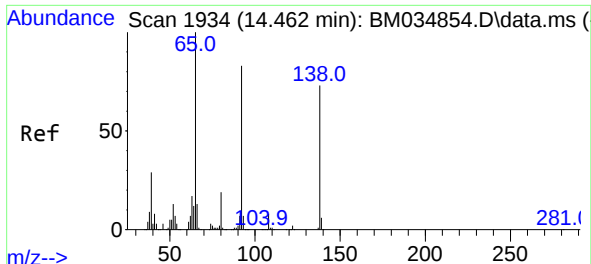


#52
Acenaphthene
Concen: 40.366 ng
RT: 14.598 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



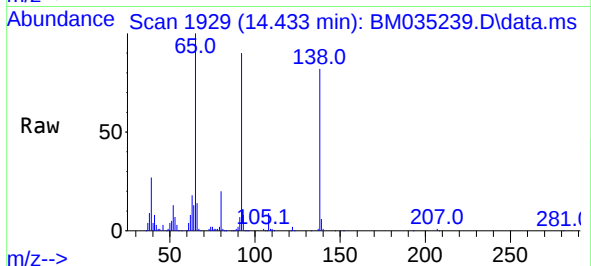
Tgt Ion:154 Resp: 1128280
Ion Ratio Lower Upper
154 100
153 115.6 91.0 136.6
152 53.2 43.4 65.2





#53
3-Nitroaniline
Concen: 26.878 ng
RT: 14.433 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

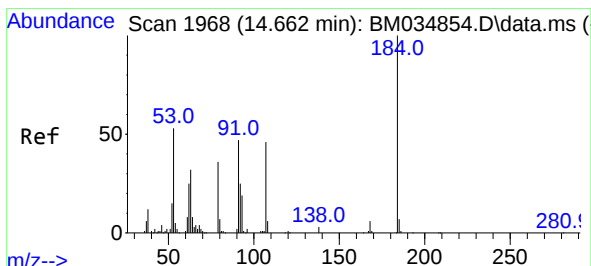
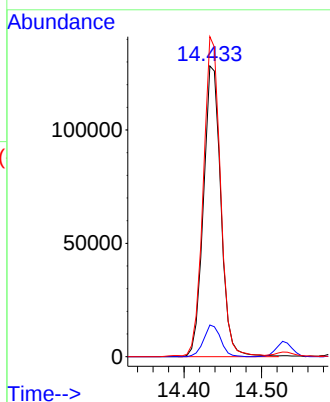
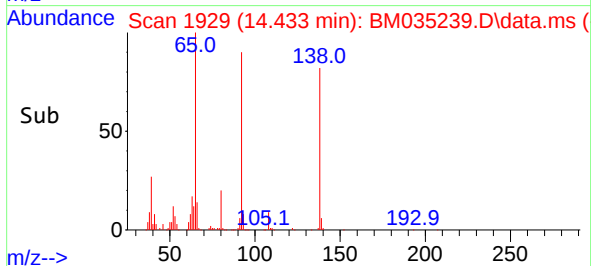
Instrument :
BNA_M
ClientSampleId :
PB145067BS



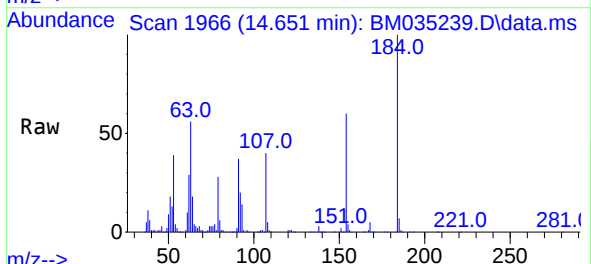
Tgt Ion:138 Resp: 199784
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 110.1 91.5 137.3

Manual Integrations
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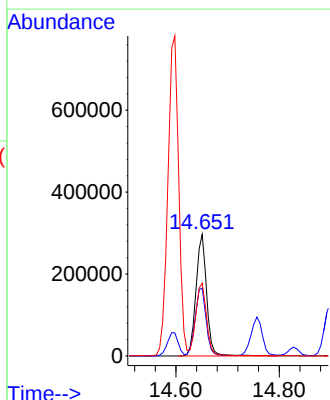
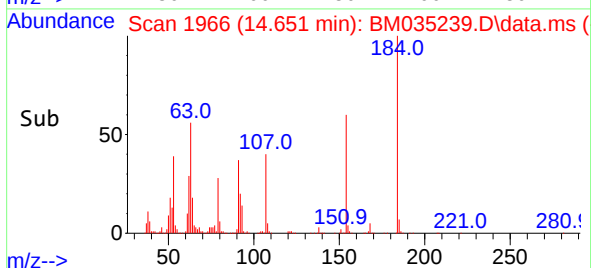
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#54
2,4-Dinitrophenol
Concen: 104.284 ng
RT: 14.651 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



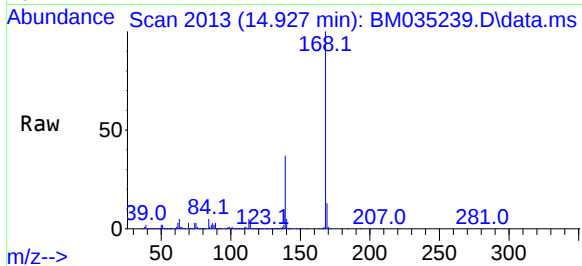
Tgt Ion:184 Resp: 424958
Ion Ratio Lower Upper
184 100
63 55.8 59.5 89.3#
154 59.8 55.6 83.4





#55
Dibenzenofuran
Concen: 45.810 ng
RT: 14.927 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

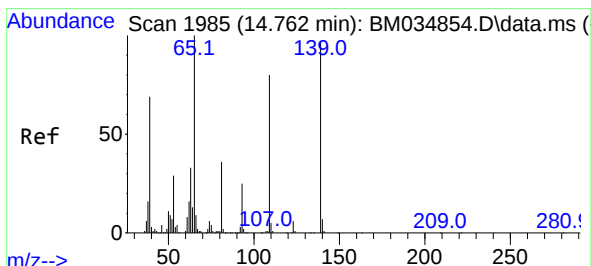
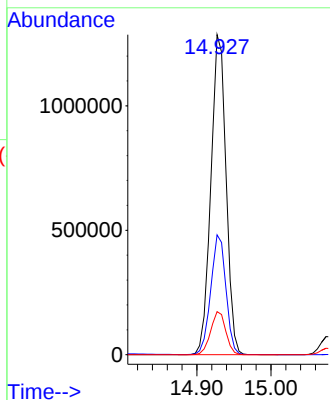
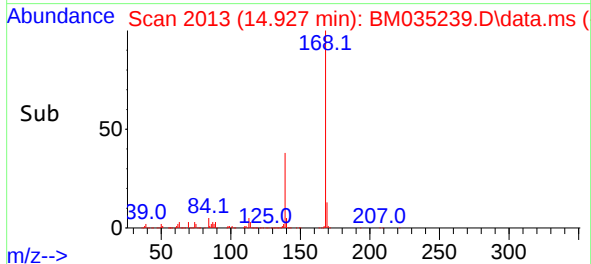
Instrument :
BNA_M
ClientSampleId :
PB145067BS



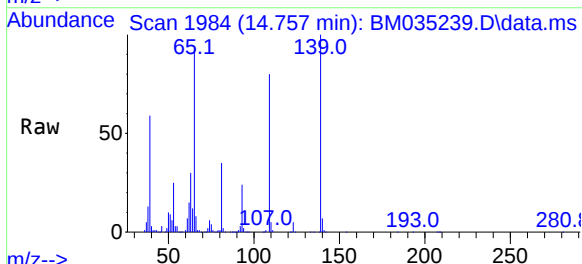
Tgt Ion:168 Resp: 182802
Ion Ratio Lower Upper
168 100
139 37.5 32.2 48.2
169 13.4 10.6 16.0

Manual Integrations
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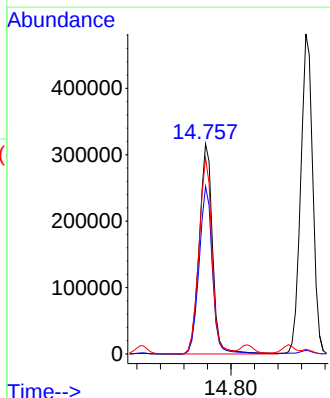
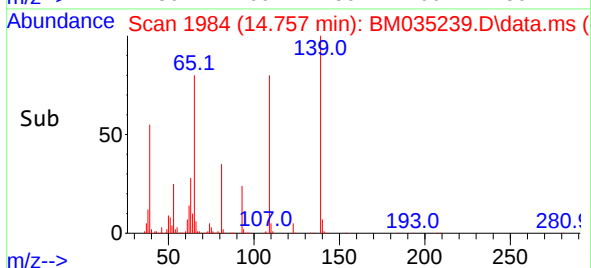
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

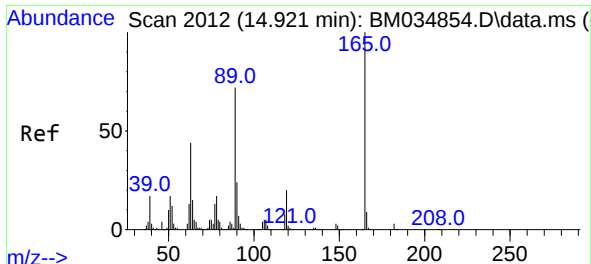


#56
4-Nitrophenol
Concen: 81.257 ng
RT: 14.757 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



Tgt Ion:139 Resp: 493337
Ion Ratio Lower Upper
139 100
109 79.8 62.5 102.5
65 93.5 83.5 123.5





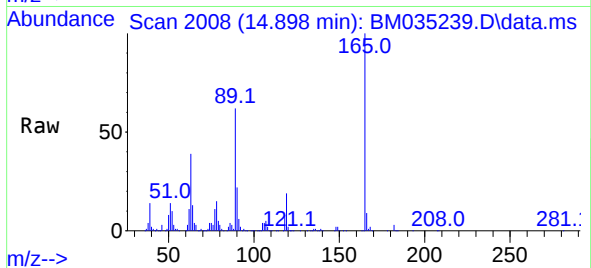
#57
2,4-Dinitrotoluene
Concen: 48.715 ng
RT: 14.898 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Instrument :

BNA_M

ClientSampleId :

PB145067BS

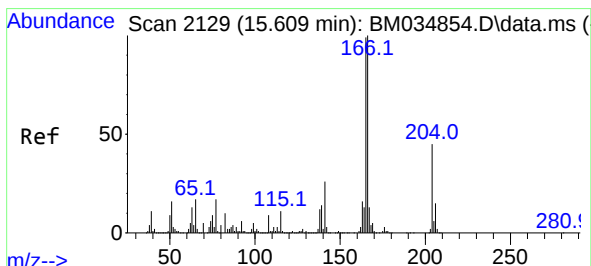
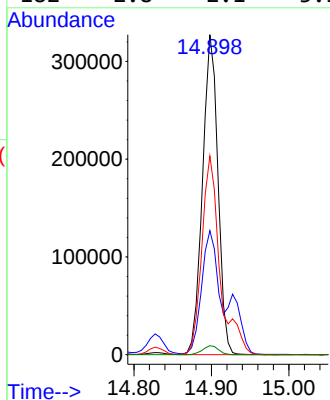
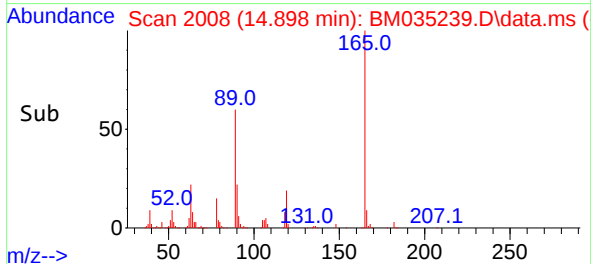


Tgt Ion:165 Resp: 452389
Ion Ratio Lower Upper
165 100
63 38.8 35.6 53.4
89 62.1 57.3 85.9
182 2.8 2.1 3.1

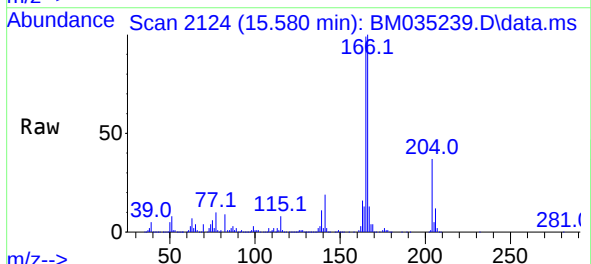
Manual Integrations

APPROVED

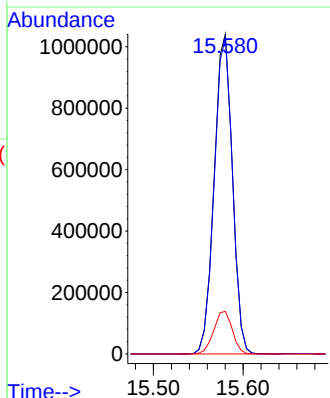
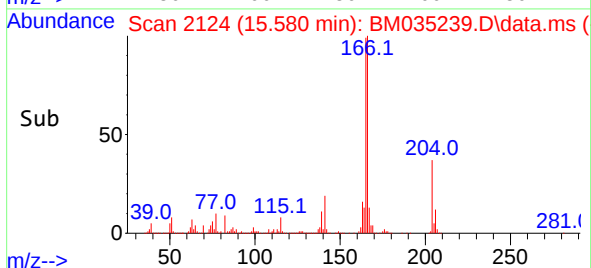
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

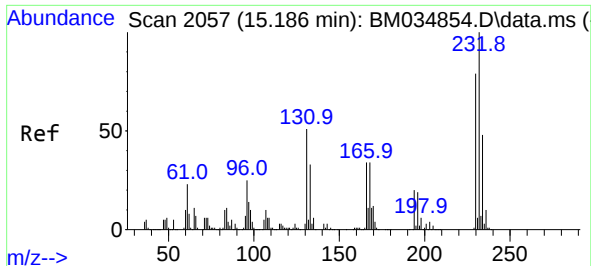


#58
Fluorene
Concen: 44.288 ng
RT: 15.580 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



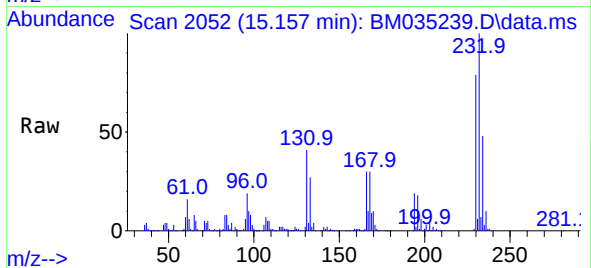
Tgt Ion:166 Resp: 1468000
Ion Ratio Lower Upper
166 100
165 98.8 79.4 119.2
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.152 ng
RT: 15.157 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

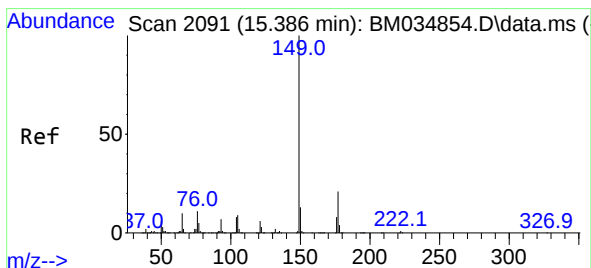
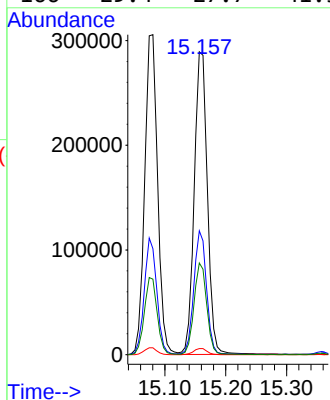
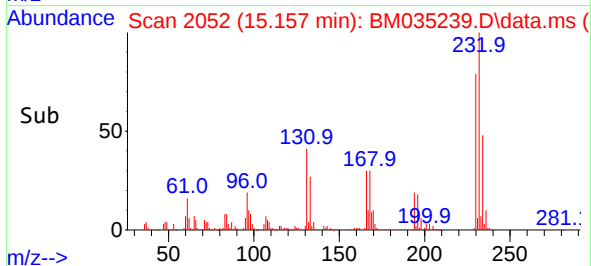
Instrument :
BNA_M
ClientSampleId :
PB145067BS



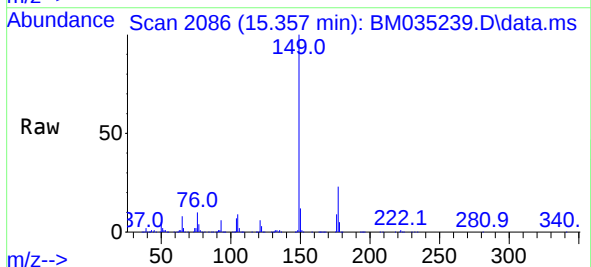
Tgt Ion:232 Resp: 43314
Ion Ratio Lower Upper
232 100
131 39.5 41.0 61.6
130 2.1 2.3 3.5
166 29.4 27.7 41.5

Manual Integrations
APPROVED

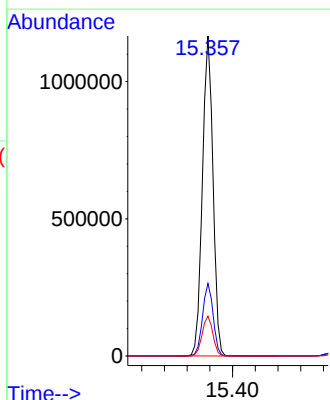
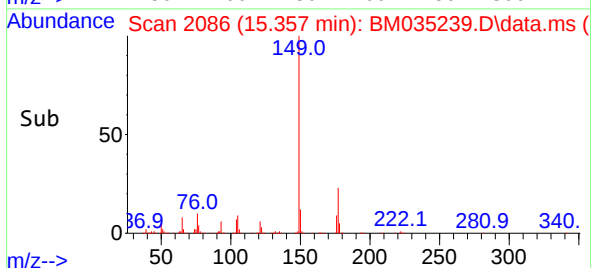
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

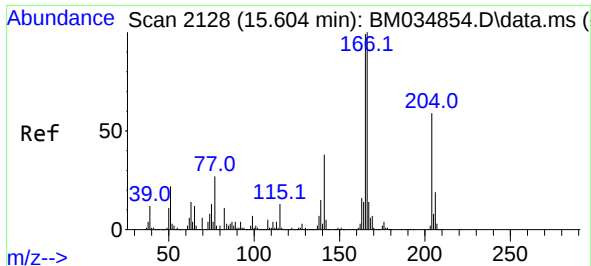


#60
Diethylphthalate
Concen: 43.298 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



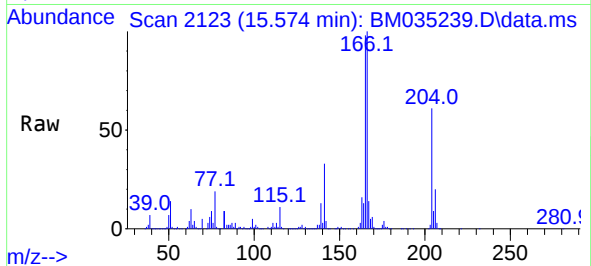
Tgt Ion:149 Resp: 1500621
Ion Ratio Lower Upper
149 100
177 22.7 16.9 25.3
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.986 ng
RT: 15.574 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

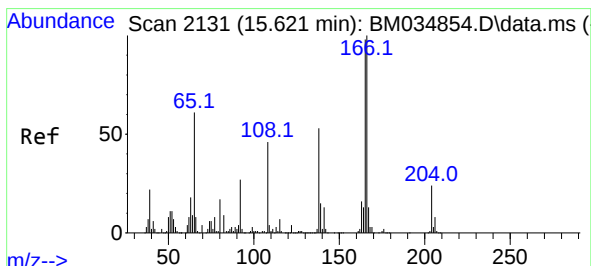
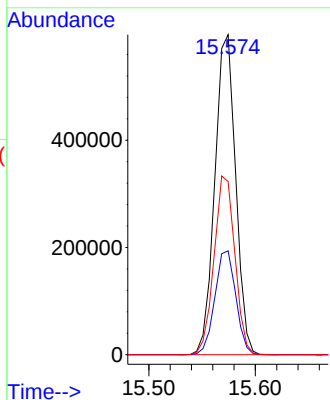
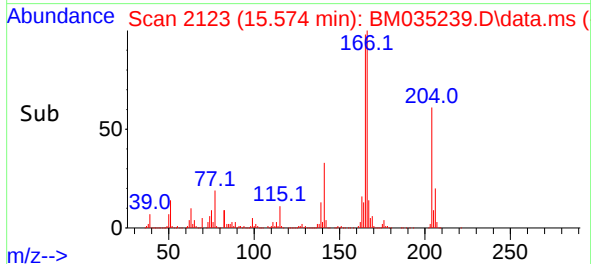
Instrument :
BNA_M
ClientSampleId :
PB145067BS



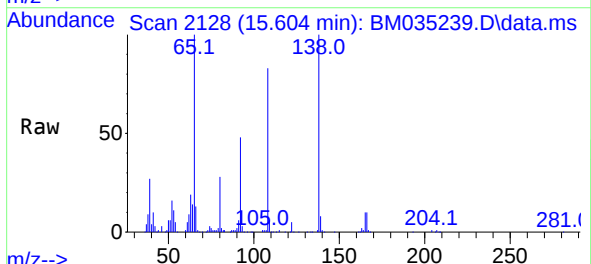
Tgt Ion:204 Resp: 80879
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 54.1 51.2 76.8

Manual Integrations
APPROVED

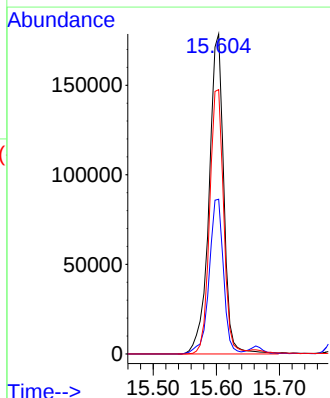
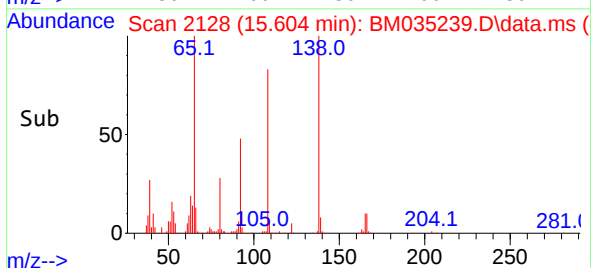
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

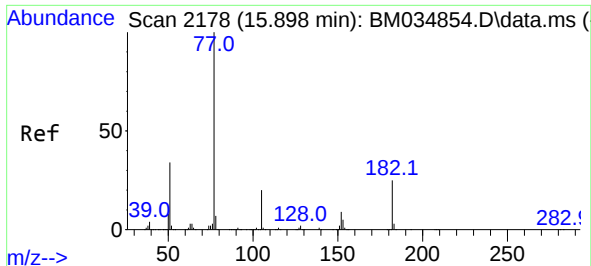


#62
4-Nitroaniline
Concen: 37.654 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



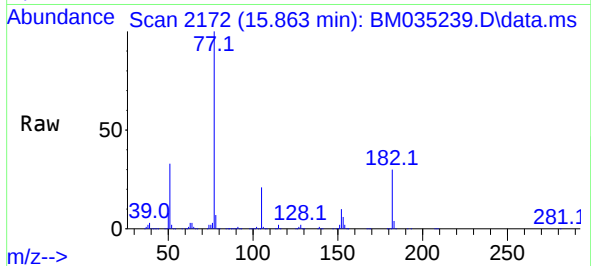
Tgt Ion:138 Resp: 289819
Ion Ratio Lower Upper
138 100
92 48.4 30.8 70.8
108 82.6 65.7 105.7





#63
Azobenzene
Concen: 38.257 ng
RT: 15.863 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

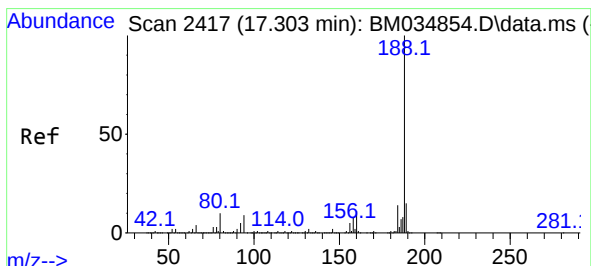
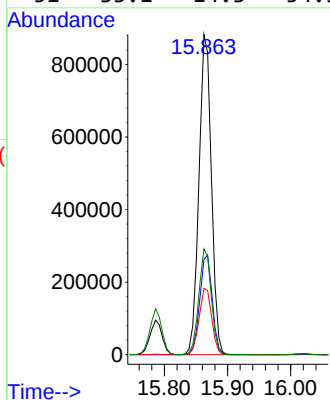
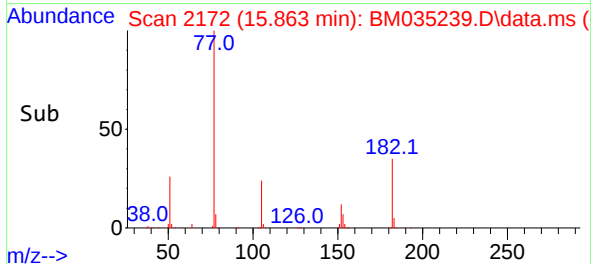
Instrument :
BNA_M
ClientSampleId :
PB145067BS



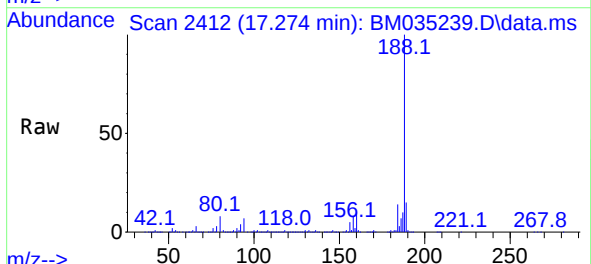
Tgt Ion: 77 Resp: 120928
Ion Ratio Lower Upper
77 100
182 29.8 4.9 44.9
105 20.7 0.0 39.6
51 33.1 14.3 54.3

Manual Integrations
APPROVED

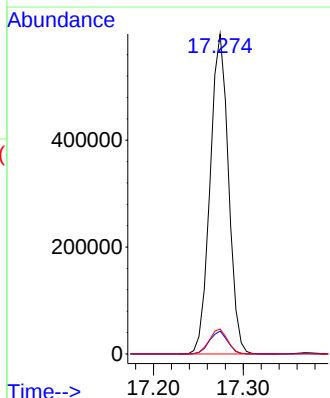
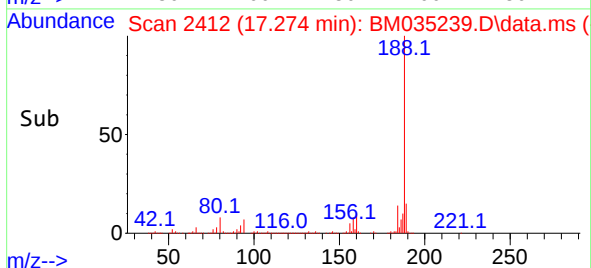
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

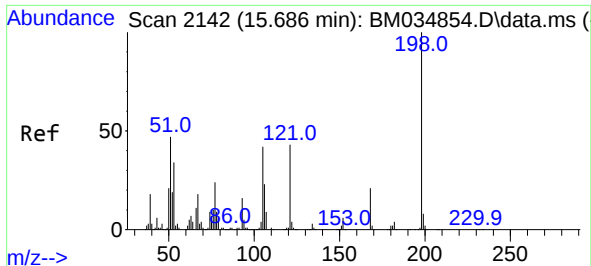


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



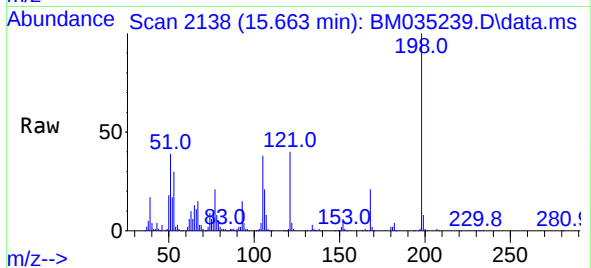
Tgt Ion:188 Resp: 850256
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.4
80 7.8 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 50.731 ng
RT: 15.663 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

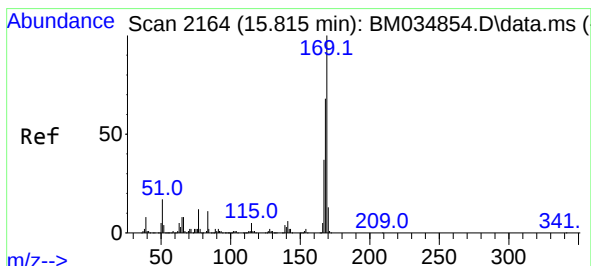
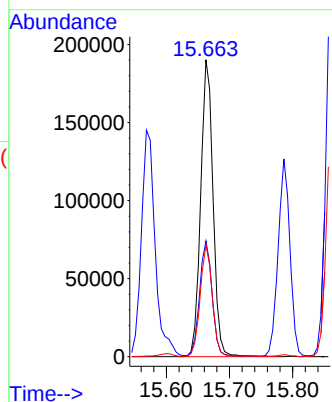
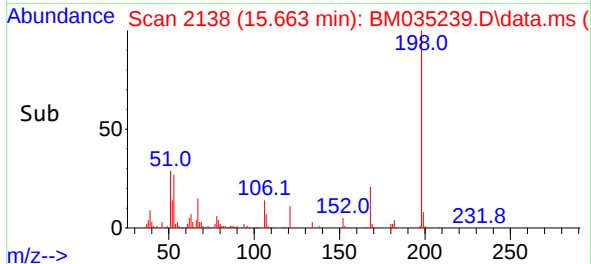
Instrument :
BNA_M
ClientSampleId :
PB145067BS



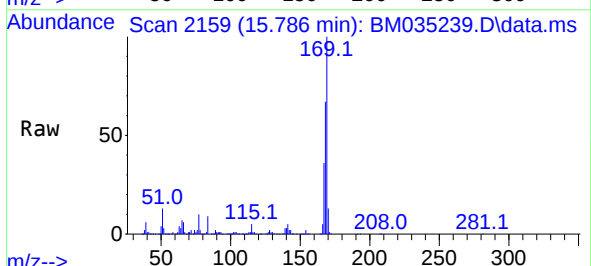
Tgt Ion:198 Resp: 257854
Ion Ratio Lower Upper
198 100
51 39.0 29.0 69.0
105 37.6 22.1 62.1

Manual Integrations
APPROVED

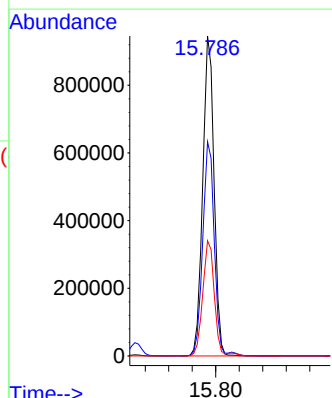
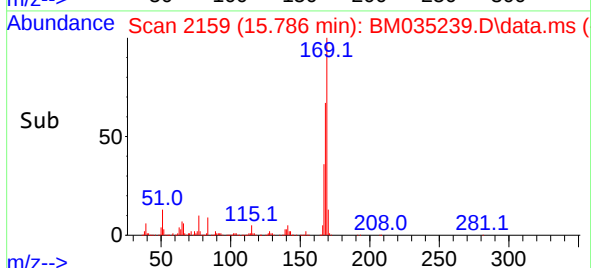
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

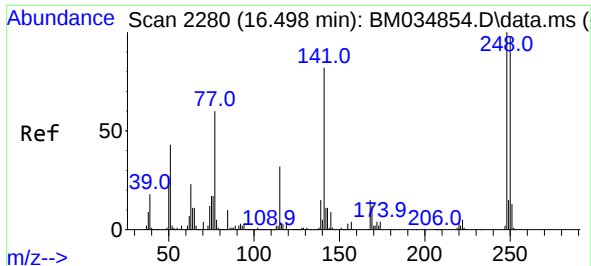


#66
n-Nitrosodiphenylamine
Concen: 49.021 ng
RT: 15.786 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



Tgt Ion:169 Resp: 1263183
Ion Ratio Lower Upper
169 100
168 67.0 54.3 81.5
167 36.0 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 58.091 ng
RT: 16.468 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Instrument :

BNA_M

ClientSampleId :

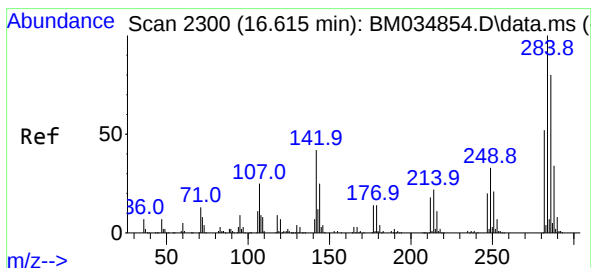
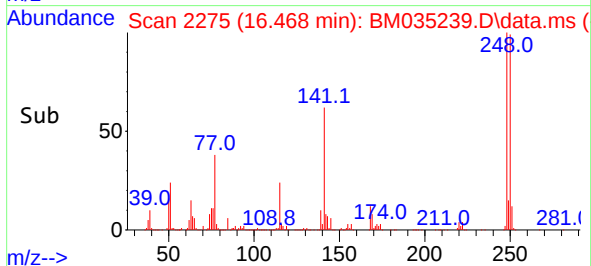
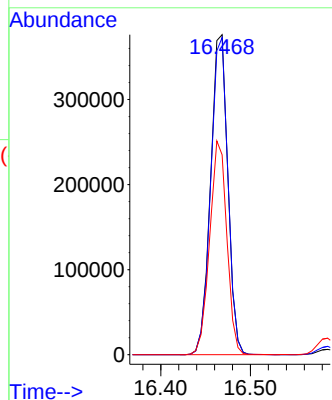
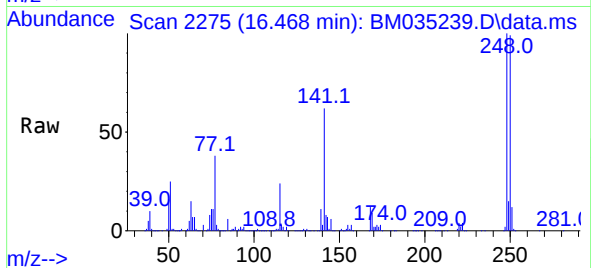
PB145067BS

Tgt Ion:248 Resp: 502072
Ion Ratio Lower Upper
248 100
250 99.1 78.0 117.0
141 62.4 66.0 99.0

Manual Integrations

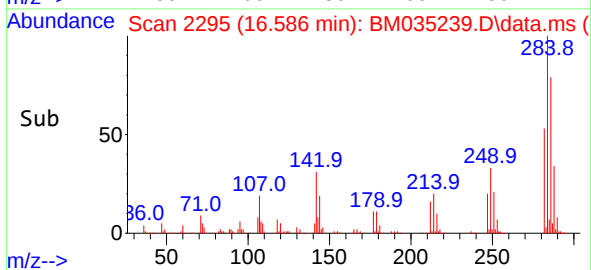
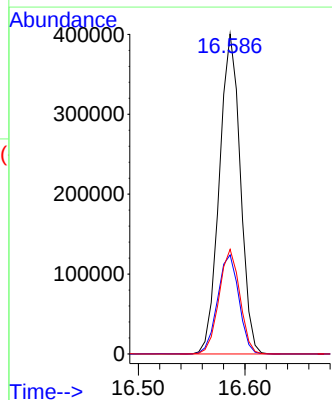
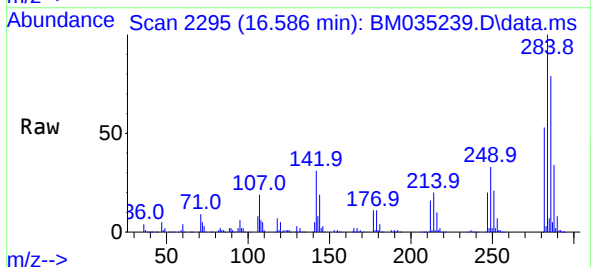
APPROVED

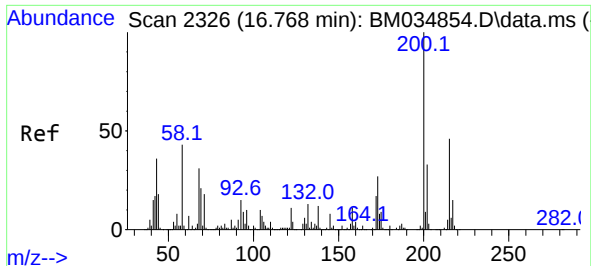
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#68
Hexachlorobenzene
Concen: 56.018 ng
RT: 16.586 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

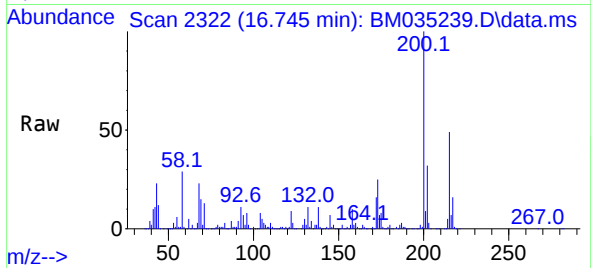
Tgt Ion:284 Resp: 546617
Ion Ratio Lower Upper
284 100
142 31.0 33.6 50.4#
249 32.7 26.2 39.2





#69
Atrazine
Concen: 52.677 ng
RT: 16.745 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

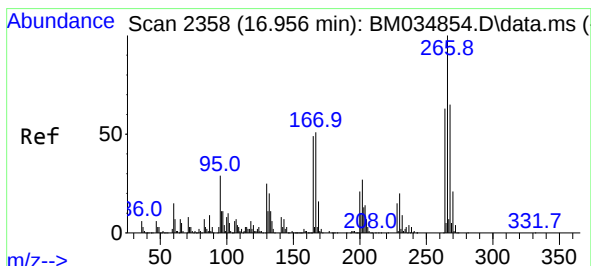
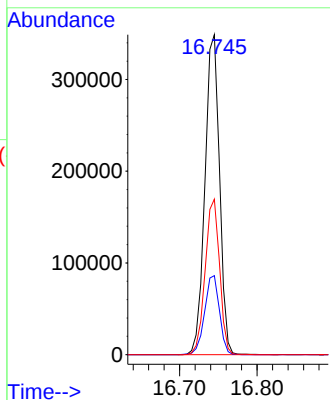
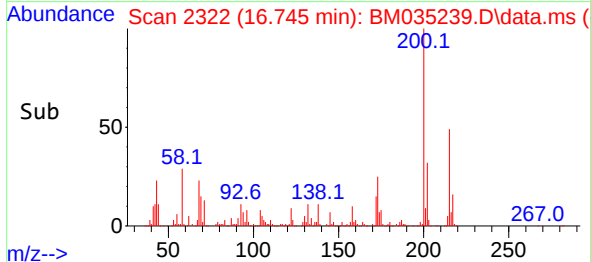
Instrument :
BNA_M
ClientSampleId :
PB145067BS



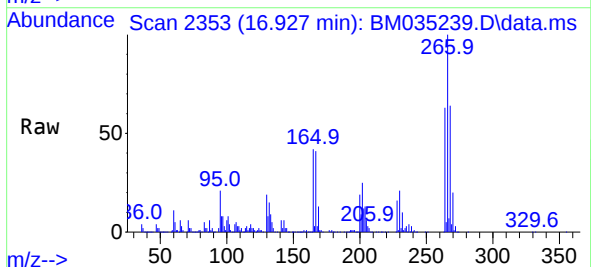
Tgt Ion:200 Resp: 455714
Ion Ratio Lower Upper
200 100
173 24.7 6.6 46.6
215 48.6 26.2 66.2

Manual Integrations
APPROVED

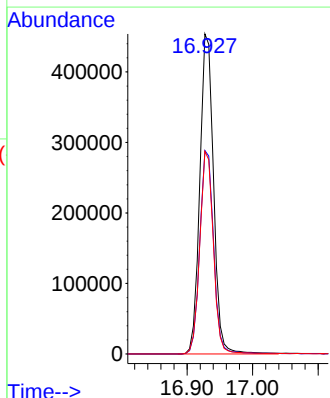
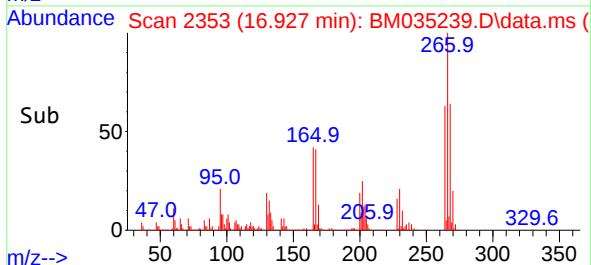
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

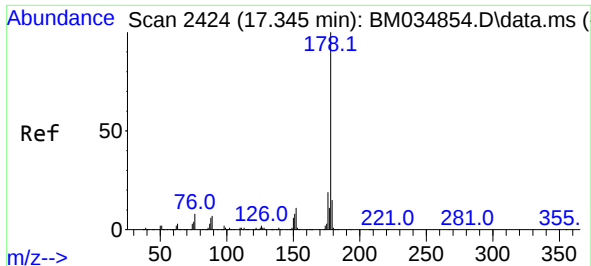


#70
Pentachlorophenol
Concen: 108.574 ng
RT: 16.927 min Scan# 2353
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



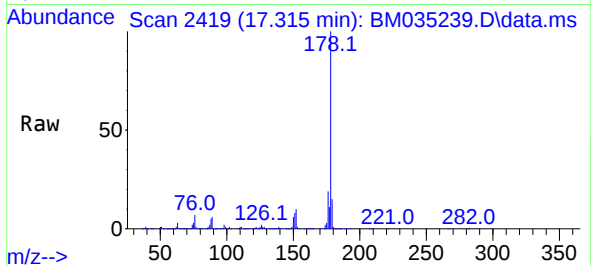
Tgt Ion:266 Resp: 663801
Ion Ratio Lower Upper
266 100
268 63.6 51.9 77.9
264 63.3 50.6 76.0





#71
Phenanthrene
Concen: 44.949 ng
RT: 17.315 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

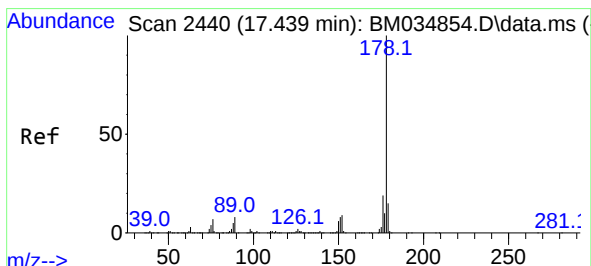
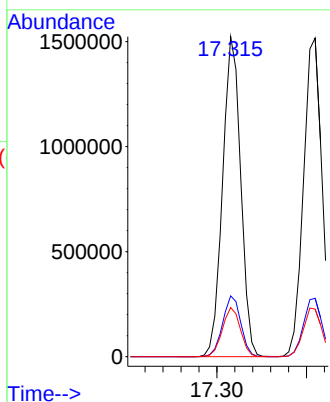
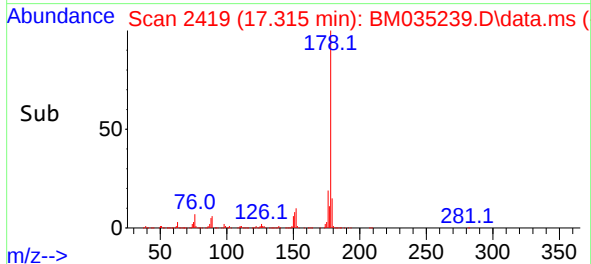
Instrument :
BNA_M
ClientSampleId :
PB145067BS



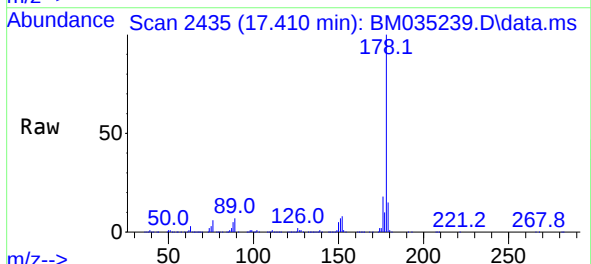
Tgt Ion:178 Resp: 213001
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.4 18.6

Manual Integrations
APPROVED

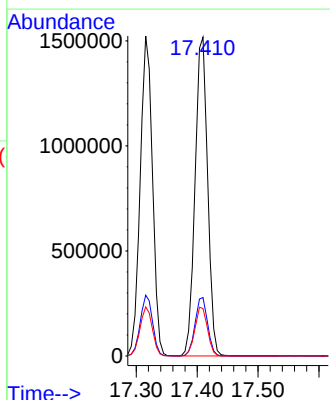
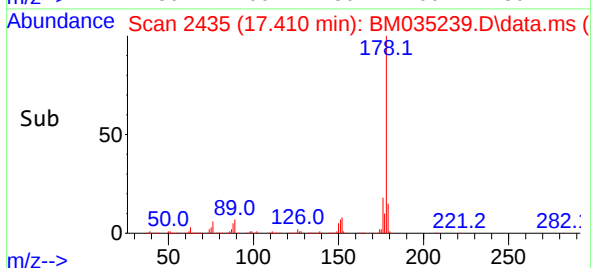
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

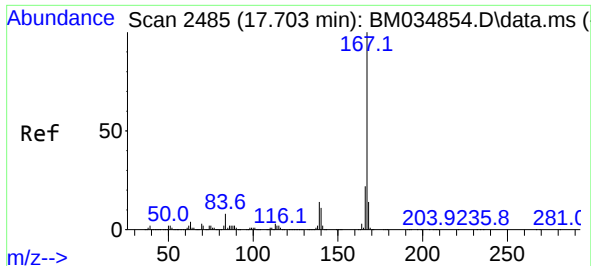


#72
Anthracene
Concen: 47.471 ng
RT: 17.410 min Scan# 2435
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



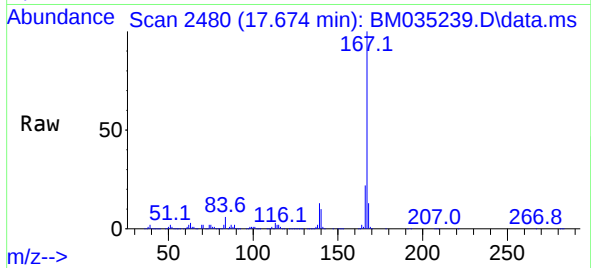
Tgt Ion:178 Resp: 2172118
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 14.9 12.2 18.2





#73
 Carbazole
 Concen: 43.286 ng
 RT: 17.674 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BM035239.D
 Acq: 25 May 2022 12:30

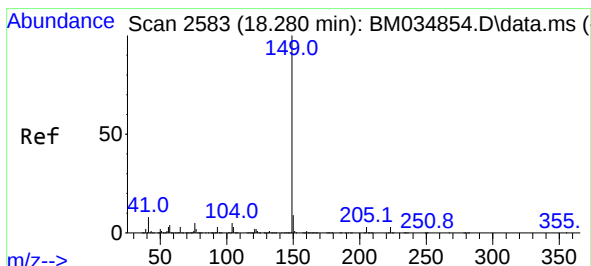
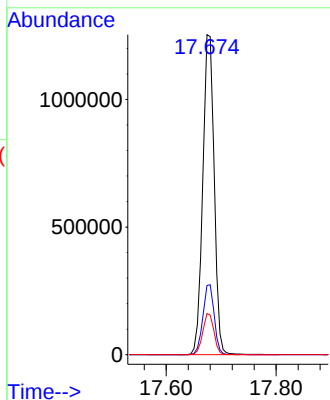
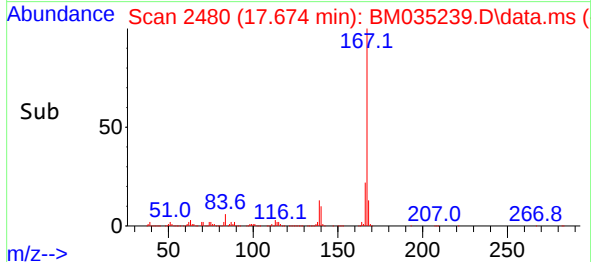
Instrument :
 BNA_M
 ClientSampleId :
 PB145067BS



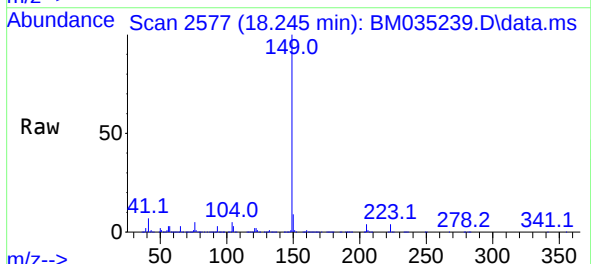
Tgt Ion:167 Resp: 1808894
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 12.9 10.9 16.3

Manual Integrations
 APPROVED

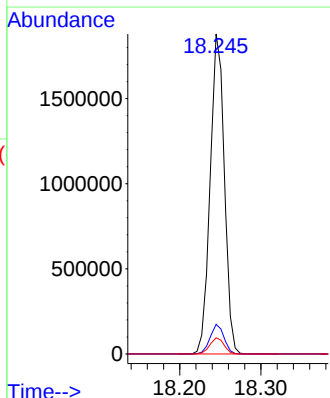
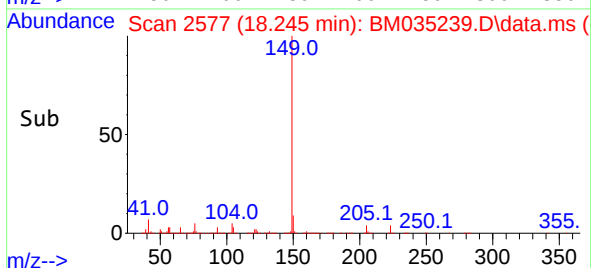
Reviewed By :Christian Giraldo 05/26/2022
 Supervised By :Jagrut Upadhyay 05/26/2022

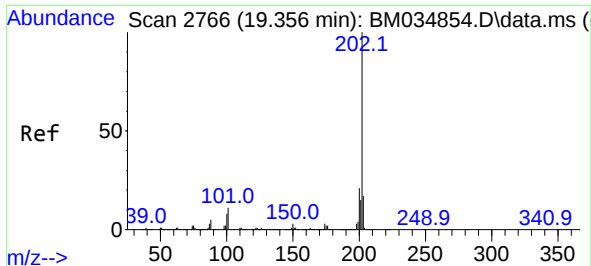


#74
 Di-n-butylphthalate
 Concen: 42.835 ng
 RT: 18.245 min Scan# 2577
 Delta R.T. 0.000 min
 Lab File: BM035239.D
 Acq: 25 May 2022 12:30



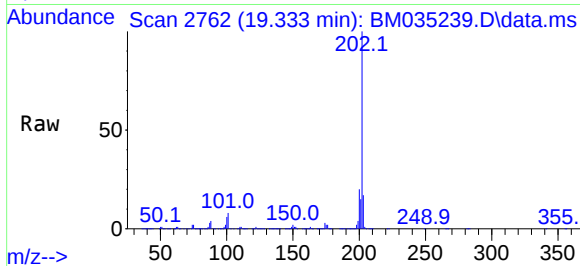
Tgt Ion:149 Resp: 2277588
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 43.037 ng
RT: 19.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

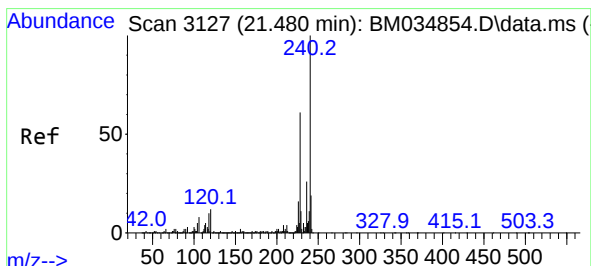
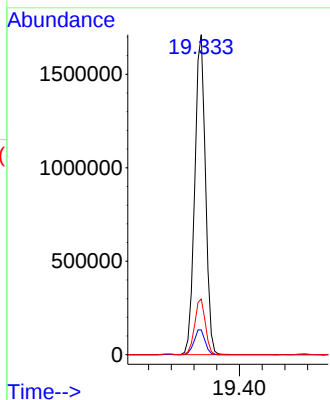
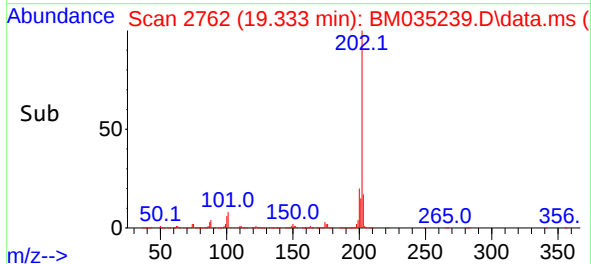
Instrument :
BNA_M
ClientSampleId :
PB145067BS



Tgt Ion:202 Resp: 2239394
Ion Ratio Lower Upper
202 100
101 7.8 0.0 30.6
203 17.4 0.0 37.4

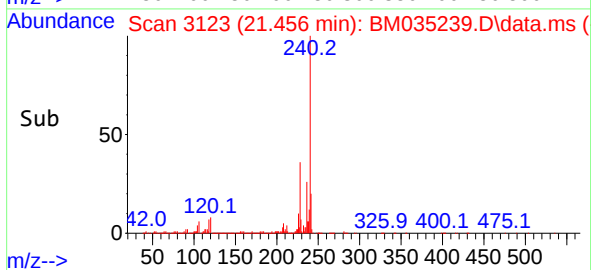
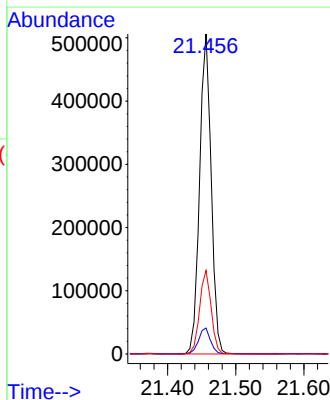
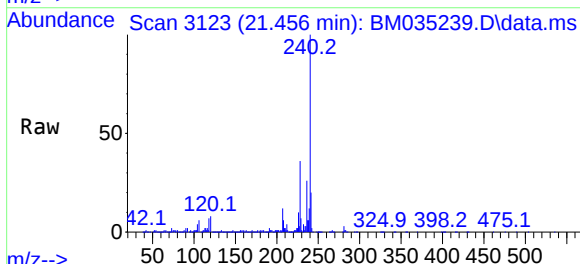
Manual Integrations
APPROVED

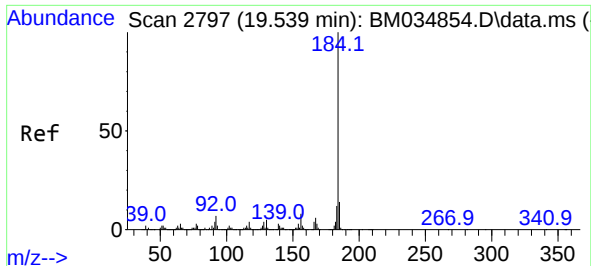
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

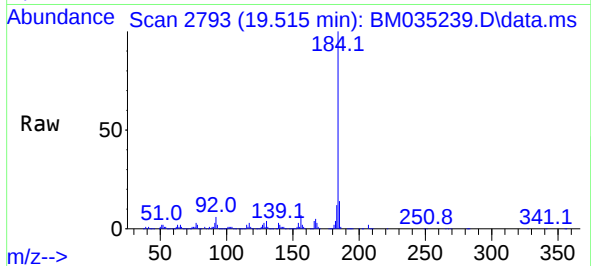
Tgt Ion:240 Resp: 596981
Ion Ratio Lower Upper
240 100
120 8.1 9.4 14.0#
236 26.1 20.6 30.8





#77
Benzidine
Concen: 42.631 ng
RT: 19.515 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

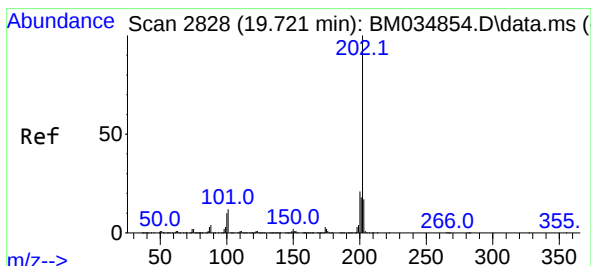
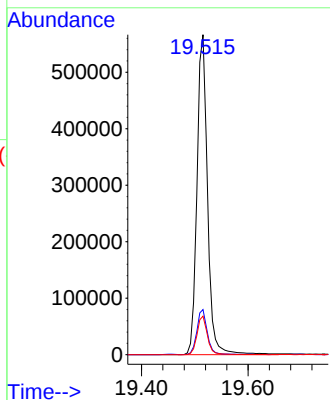
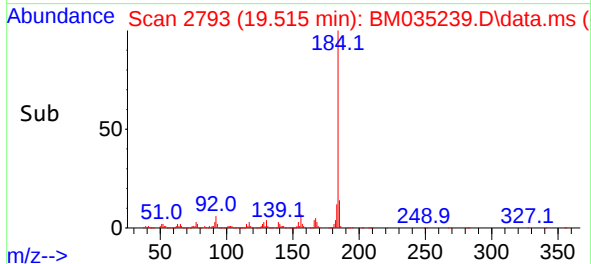
Instrument :
BNA_M
ClientSampleId :
PB145067BS



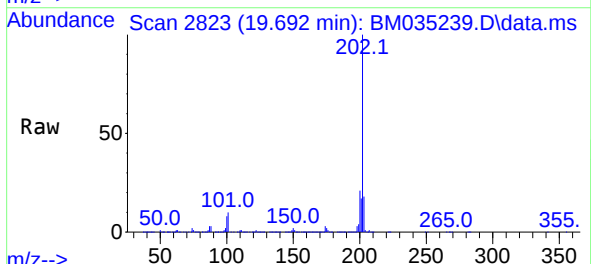
Tgt Ion:184 Resp: 77747
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 12.1 9.5 14.3

Manual Integrations
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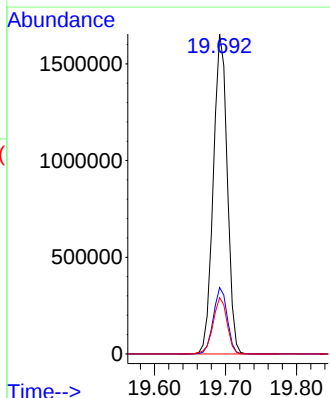
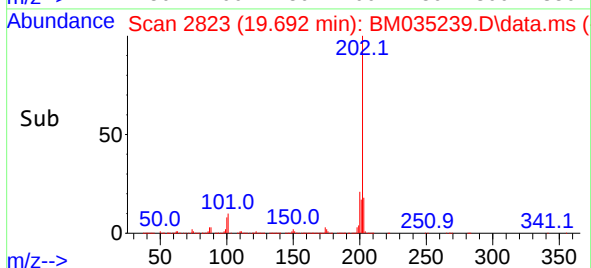
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

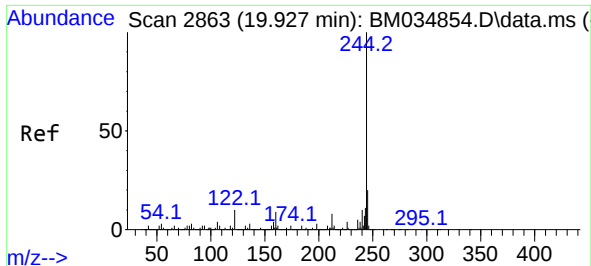


#78
Pyrene
Concen: 56.977 ng
RT: 19.692 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



Tgt Ion:202 Resp: 2249354
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.6 13.9 20.9





#79
 Terphenyl-d14
 Concen: 118.782 ng
 RT: 19.898 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035239.D
 Acq: 25 May 2022 12:30

Instrument :

BNA_M

ClientSampleId :

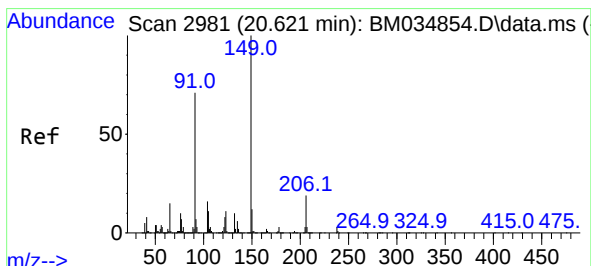
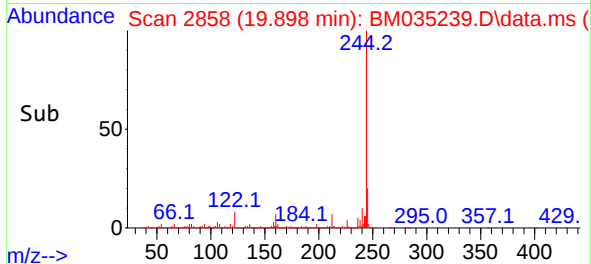
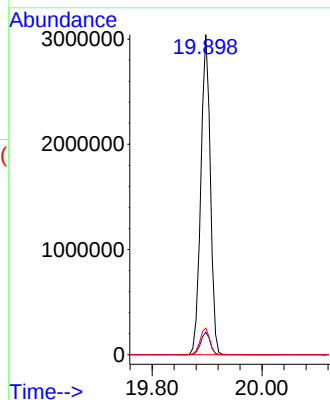
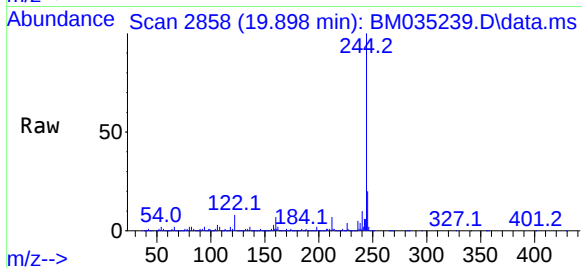
PB145067BS

Tgt Ion:244 Resp: 366234
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 8.3 8.3 12.5

Manual Integrations

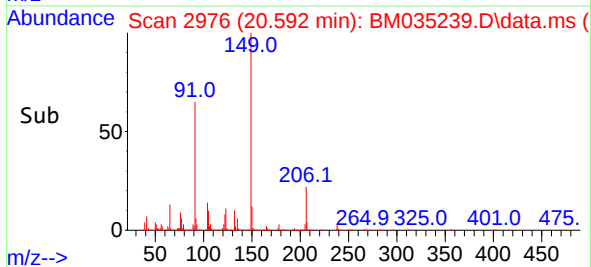
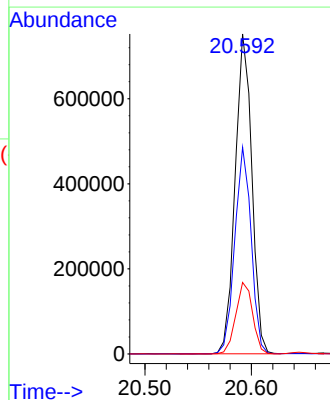
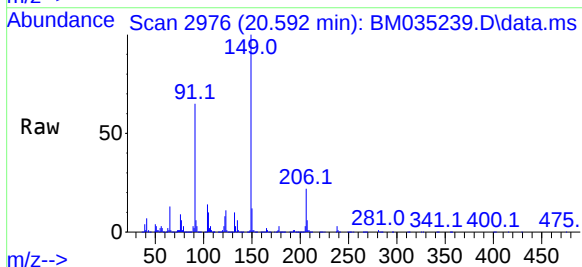
APPROVED

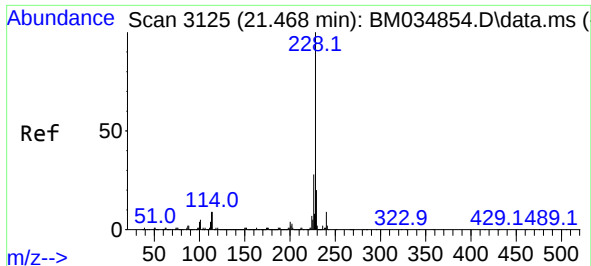
Reviewed By :Christian Giraldo 05/26/2022
 Supervised By :Jagrut Upadhyay 05/26/2022



#80
 Butylbenzylphthalate
 Concen: 47.325 ng
 RT: 20.592 min Scan# 2976
 Delta R.T. 0.000 min
 Lab File: BM035239.D
 Acq: 25 May 2022 12:30

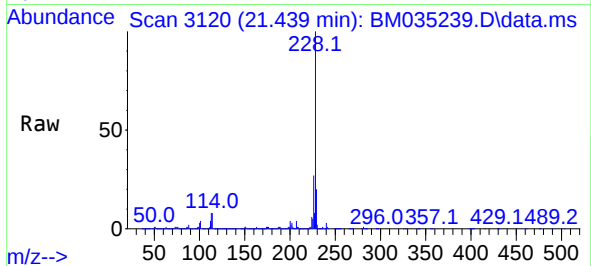
Tgt Ion:149 Resp: 820070
 Ion Ratio Lower Upper
 149 100
 91 64.6 56.6 85.0
 206 22.3 15.4 23.0





#81
Benzo(a)anthracene
Concen: 46.607 ng
RT: 21.439 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

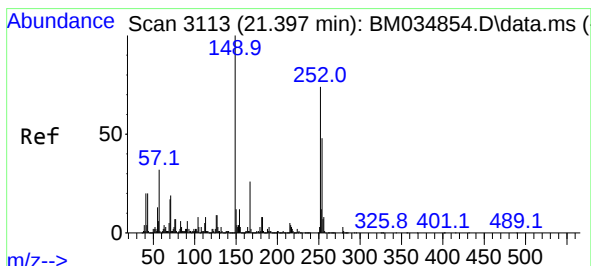
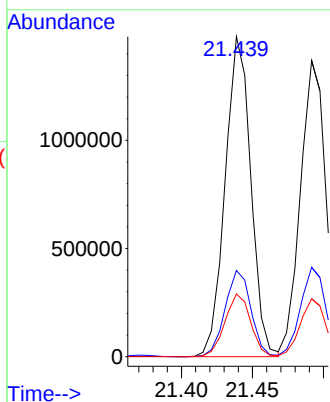
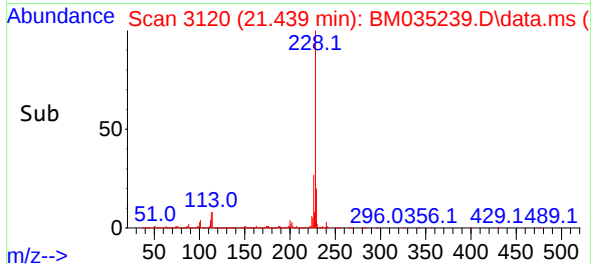
Instrument :
BNA_M
ClientSampleId :
PB145067BS



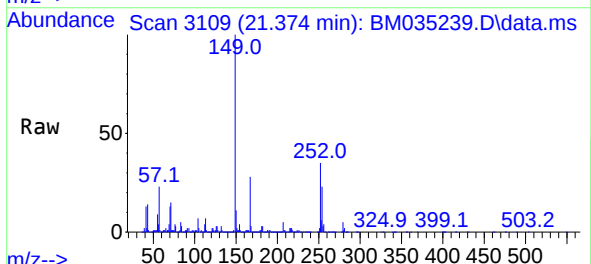
Tgt Ion:228 Resp: 1856580
Ion Ratio Lower Upper
228 100
226 26.9 22.3 33.5
229 19.6 15.8 23.6

Manual Integrations
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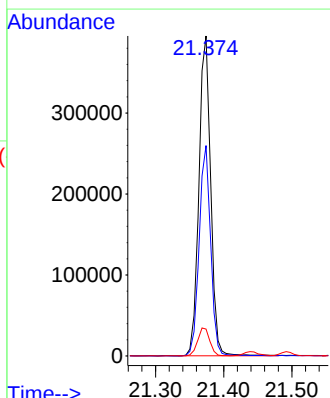
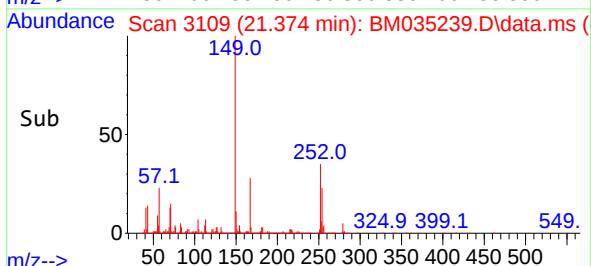
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

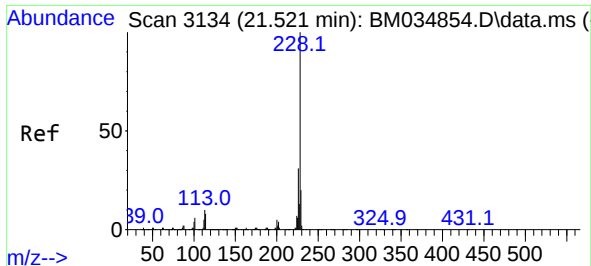


#82
3,3'-Dichlorobenzidine
Concen: 40.739 ng
RT: 21.374 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



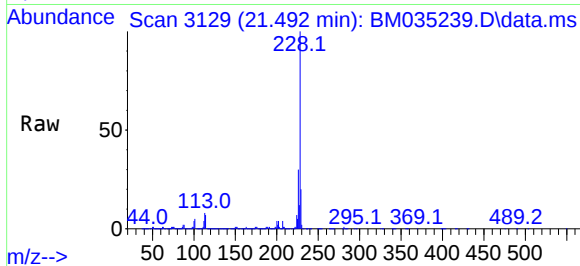
Tgt Ion:252 Resp: 472998
Ion Ratio Lower Upper
252 100
254 65.8 51.7 77.5
126 8.4 9.4 14.0#





#83
Chrysene
Concen: 44.570 ng
RT: 21.492 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

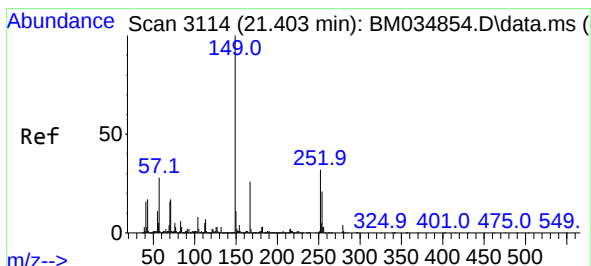
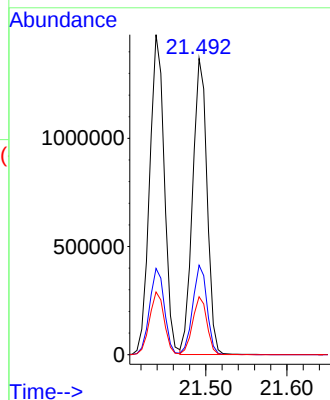
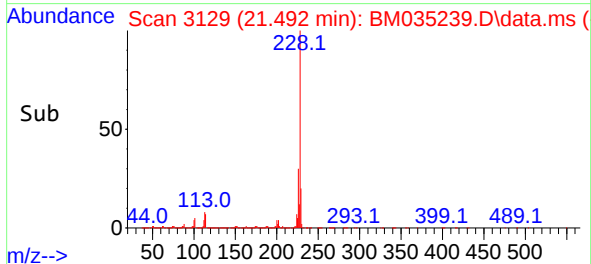
Instrument :
BNA_M
ClientSampleId :
PB145067BS



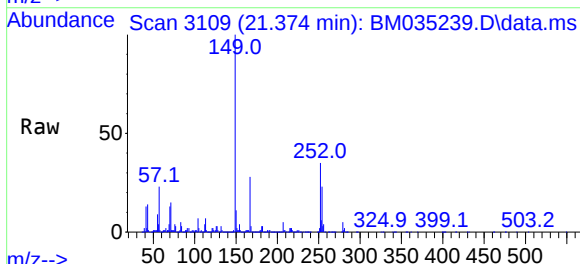
Tgt Ion:228 Resp: 1695828
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.6 15.8 23.8

Manual Integrations
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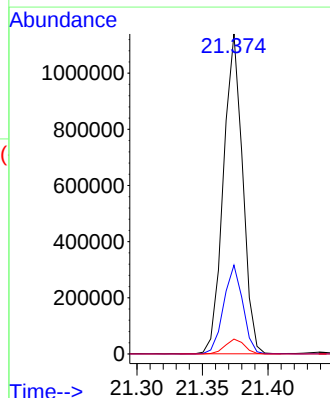
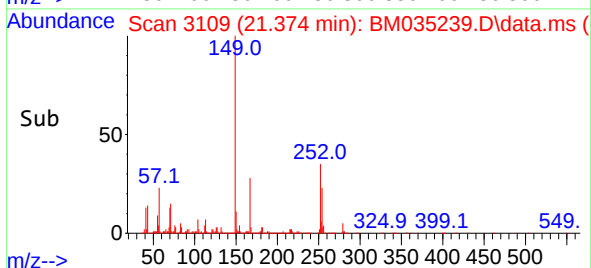
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

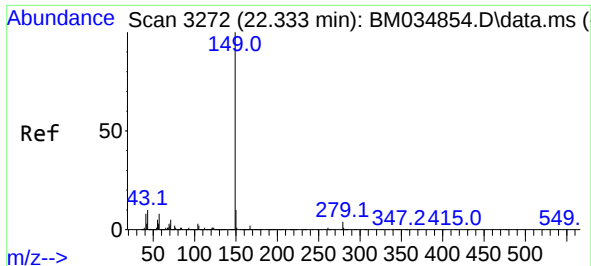


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.447 ng
RT: 21.374 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



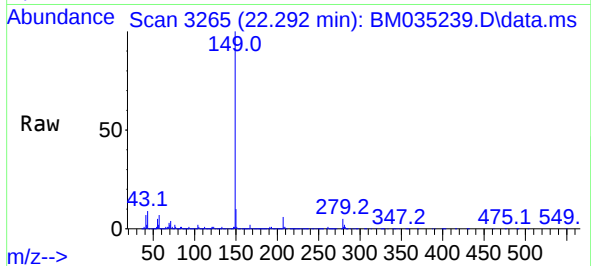
Tgt Ion:149 Resp: 1157701
Ion Ratio Lower Upper
149 100
167 27.7 21.1 31.7
279 4.7 2.8 4.2#





#85
Di-n-octyl phthalate
Concen: 39.650 ng
RT: 22.292 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

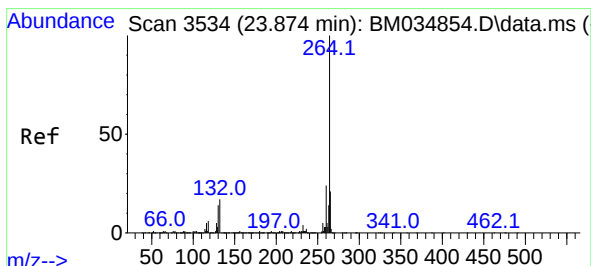
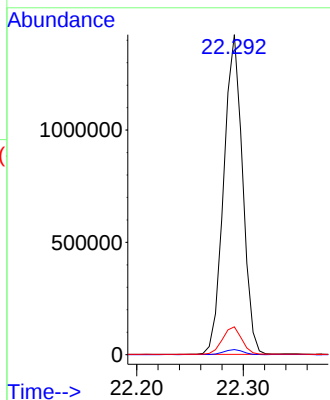
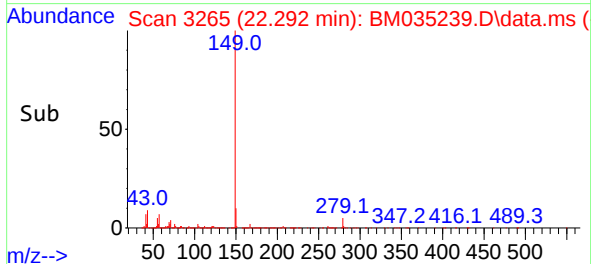
Instrument :
BNA_M
ClientSampleId :
PB145067BS



Tgt Ion:149 Resp: 1741710
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.8 8.6 12.8

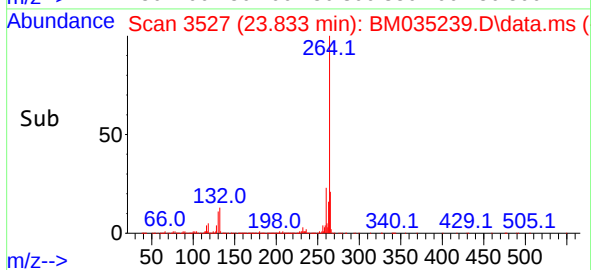
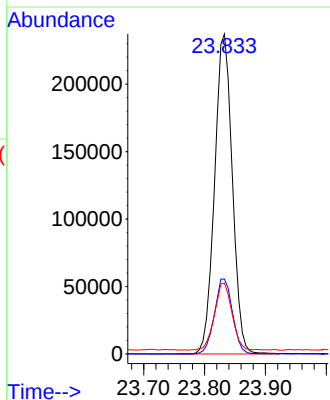
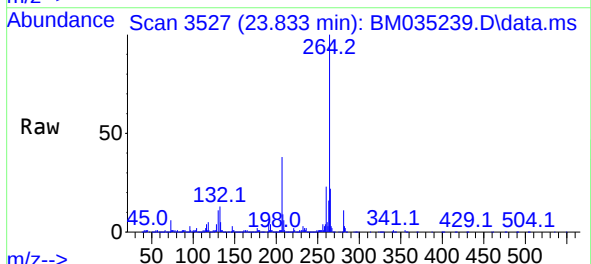
Manual Integrations
APPROVED

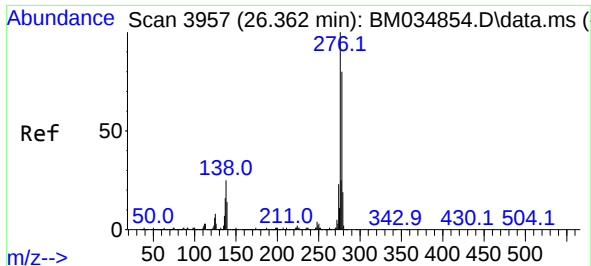
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.833 min Scan# 3527
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Tgt Ion:264 Resp: 479890
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 22.2 17.5 26.3





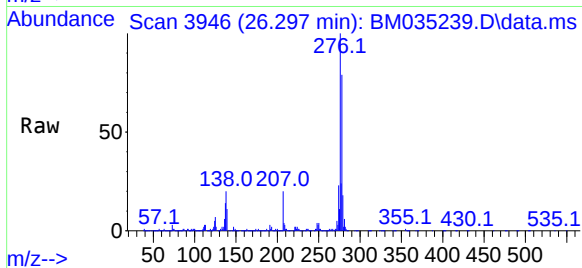
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.076 ng
RT: 26.297 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Instrument :

BNA_M

ClientSampleId :

PB145067BS

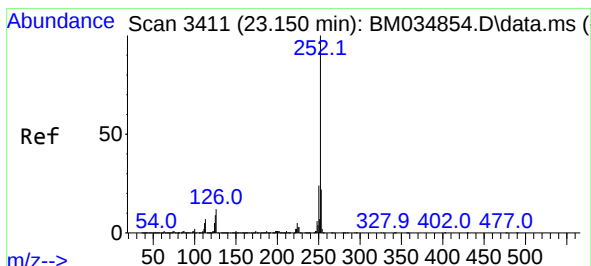
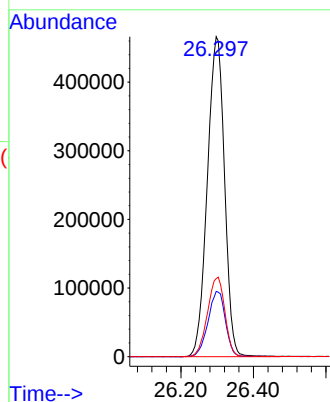
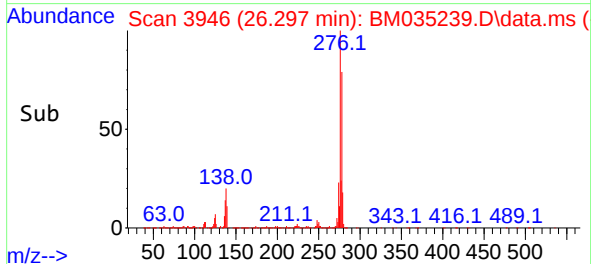


Tgt Ion:276 Resp: 1535188
Ion Ratio Lower Upper
276 100
138 20.6 20.2 30.4
277 25.1 20.2 30.2

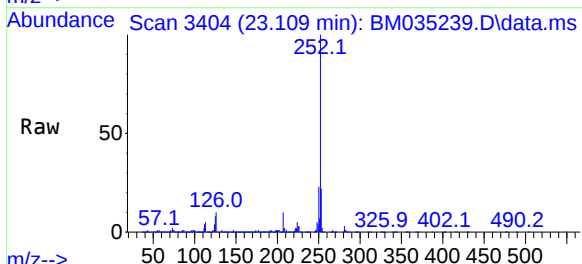
Manual Integrations

APPROVED

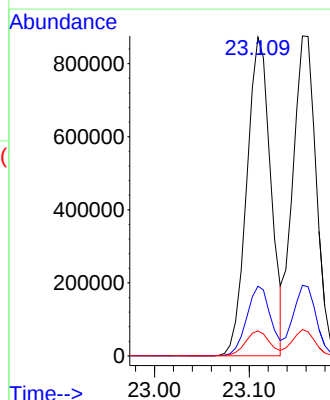
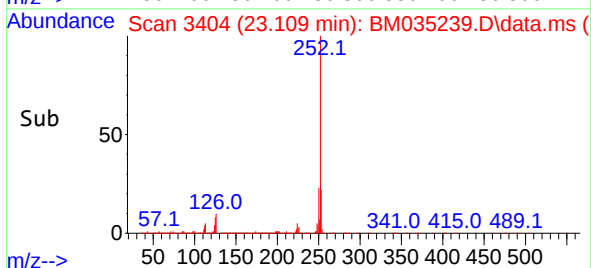
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

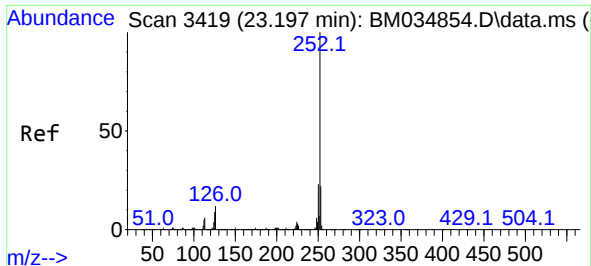


#88
Benzo(b)fluoranthene
Concen: 50.658 ng
RT: 23.109 min Scan# 3404
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30



Tgt Ion:252 Resp: 1529021
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.8 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 49.194 ng
RT: 23.156 min Scan# 3419
Delta R.T. -0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Instrument :

BNA_M

ClientSampleId :

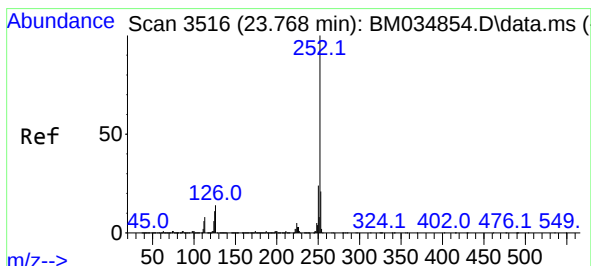
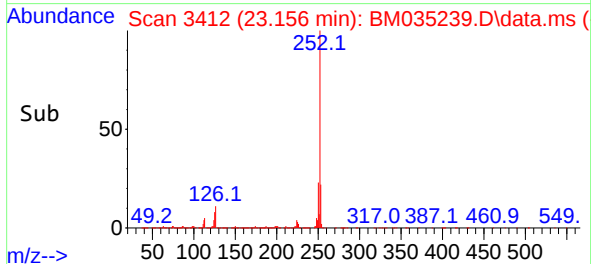
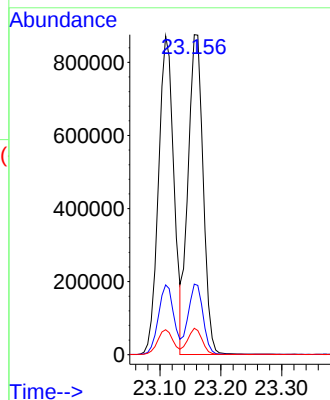
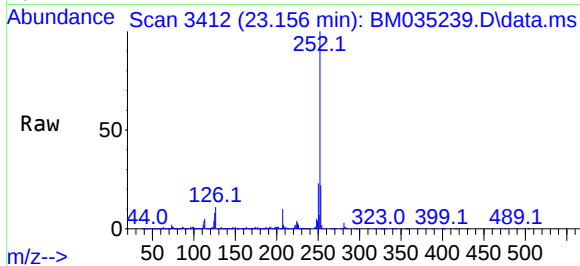
PB145067BS

Tgt Ion:252 Resp: 150308
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.2 7.6 11.4

Manual Integrations

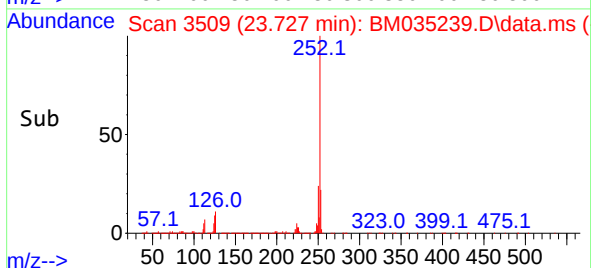
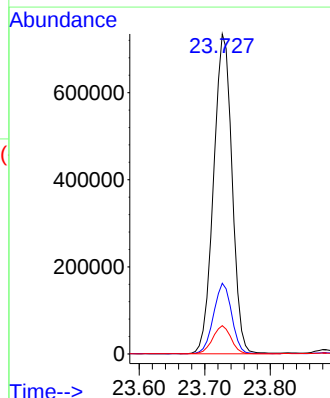
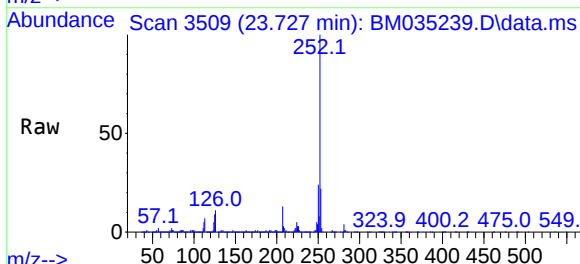
APPROVED

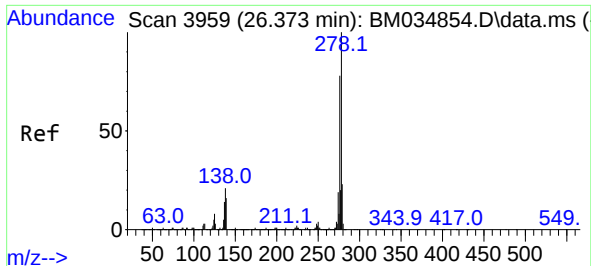
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#90
Benzo(a)pyrene
Concen: 57.123 ng
RT: 23.727 min Scan# 3509
Delta R.T. 0.000 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Tgt Ion:252 Resp: 1432409
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 8.9 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 44.127 ng
RT: 26.309 min Scan# 3948
Delta R.T. -0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Instrument :

BNA_M

ClientSampleId :

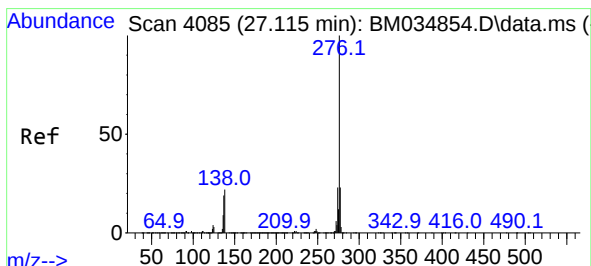
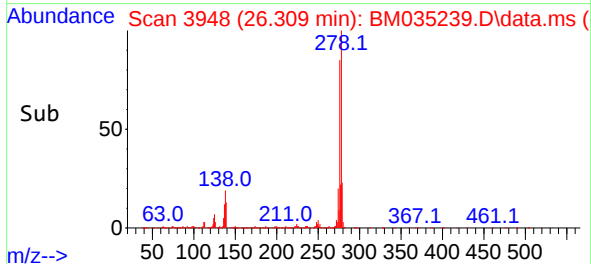
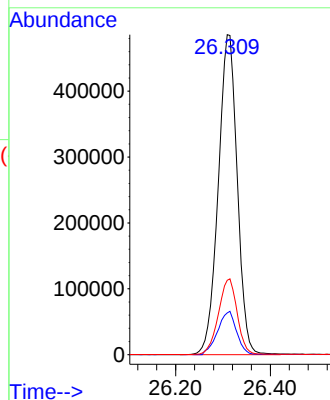
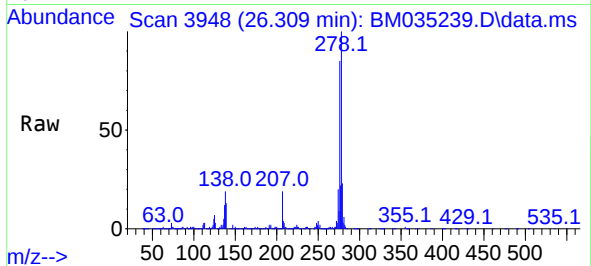
PB145067BS

Tgt Ion:278 Resp: 135050
Ion Ratio Lower Upper
278 100
139 13.1 12.9 19.3
279 23.2 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#92
Benzo(g,h,i)perylene
Concen: 45.411 ng
RT: 27.050 min Scan# 4074
Delta R.T. -0.006 min
Lab File: BM035239.D
Acq: 25 May 2022 12:30

Tgt Ion:276 Resp: 1335404
Ion Ratio Lower Upper
276 100
277 24.1 18.7 28.1
138 17.4 17.6 26.4#

