

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082522\
 Data File : BM036416.D
 Acq On : 25 Aug 2022 21:06
 Operator : CG/JU
 Sample : N4270-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SASP2-T-4-(25-37)MSD

Quant Time: Aug 26 03:44:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 15:21:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	302880	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	1245511	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	668282	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	1143906	20.000	ng	0.00
76) Chrysene-d12	21.350	240	784502	20.000	ng	0.00
86) Perylene-d12	23.674	264	753101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2133092	114.180	ng	0.00
7) Phenol-d6	6.969	99	2646441	111.330	ng	0.00
23) Nitrobenzene-d5	8.957	82	1620554	72.832	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	765021	97.581	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	3274179	72.338	ng	0.00
79) Terphenyl-d14	19.797	244	3215405	80.844	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	312635	41.530	ng	96
3) Pyridine	3.646	79	859599	42.583	ng	93
4) n-Nitrosodimethylamine	3.557	42	448650	54.085	ng	# 76
6) Aniline	7.116	93	1362699	51.767	ng	98
8) 2-Chlorophenol	7.351	128	1009671	50.690	ng	96
9) Benzaldehyde	6.928	77	549489	43.663	ng	98
10) Phenol	6.998	94	1242392	51.907	ng	93
11) bis(2-Chloroethyl)ether	7.216	93	966535	49.020	ng	98
12) 1,3-Dichlorobenzene	7.669	146	1078959	48.882	ng	98
13) 1,4-Dichlorobenzene	7.816	146	1098406	48.797	ng	100
14) 1,2-Dichlorobenzene	8.133	146	1055647	48.604	ng	99
15) Benzyl Alcohol	8.039	79	814104m	51.035	ng	
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1395041	53.209	ng	98
17) 2-Methylphenol	8.239	107	807468	50.963	ng	97
18) Hexachloroethane	8.851	117	419293	51.745	ng	92
19) n-Nitroso-di-n-propyla...	8.604	70	720397	49.892	ng	92
20) 3+4-Methylphenols	8.575	107	1070012	49.708	ng	98
22) Acetophenone	8.616	105	1473821	49.988	ng	# 95
24) Nitrobenzene	8.998	77	1088704	52.048	ng	98
25) Isophorone	9.527	82	1922577	53.114	ng	98
26) 2-Nitrophenol	9.704	139	516015	52.302	ng	96
27) 2,4-Dimethylphenol	9.775	122	855963	56.006	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	1234714	47.879	ng	100
29) 2,4-Dichlorophenol	10.239	162	848203	49.351	ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	898662	46.140	ng	98
31) Naphthalene	10.633	128	3005391	48.534	ng	100
32) Benzoic acid	9.945	122	507171	41.863	ng	94
33) 4-Chloroaniline	10.757	127	938601	37.610	ng	96
34) Hexachlorobutadiene	10.910	225	534770	46.725	ng	98
35) Caprolactam	11.574	113	228068	43.081	ng	95
36) 4-Chloro-3-methylphenol	11.892	107	852210	47.174	ng	99
37) 2-Methylnaphthalene	12.245	142	1979565	48.039	ng	99
38) 1-Methylnaphthalene	12.468	142	1889808	46.831	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	927579	51.197	ng	98
41) Hexachlorocyclopentadiene	12.586	237	1203095	125.378	ng	99
43) 2,4,6-Trichlorophenol	12.863	196	610330	49.506	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	649759	49.927	ng	97
46) 1,1'-Biphenyl	13.263	154	2500139	51.335	ng	99
47) 2-Chloronaphthalene	13.304	162	1874134	50.279	ng	98
48) 2-Nitroaniline	13.527	65	536172	52.782	ng	93
49) Acenaphthylene	14.151	152	2946168	51.132	ng	100
50) Dimethylphthalate	13.904	163	2116078	46.563	ng	99
51) 2,6-Dinitrotoluene	14.021	165	460546	50.508	ng	97
52) Acenaphthene	14.492	154	1999314m	53.044	ng	
53) 3-Nitroaniline	14.351	138	379496	35.672	ng	99
54) 2,4-Dinitrophenol	14.562	184	412885	85.569	ng	95
55) Dibenzofuran	14.827	168	2673955	47.374	ng	99
56) 4-Nitrophenol	14.674	139	750943	88.208	ng	92
57) 2,4-Dinitrotoluene	14.810	165	598452	50.073	ng	91
58) Fluorene	15.474	166	2137169	48.001	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	493189	44.737	ng	98
60) Diethylphthalate	15.257	149	2132850	45.669	ng	99
61) 4-Chlorophenyl-phenyle...	15.474	204	1027110	46.264	ng	98
62) 4-Nitroaniline	15.515	138	459868m	42.019	ng	
63) Azobenzene	15.768	77	2152585	48.484	ng	95
65) 4,6-Dinitro-2-methylph...	15.568	198	263722	45.089	ng	92
66) n-Nitrosodiphenylamine	15.692	169	1724620	53.407	ng	98
67) 4-Bromophenyl-phenylether	16.368	248	583626	51.007	ng	96
68) Hexachlorobenzene	16.474	284	662524	50.465	ng	94
69) Atrazine	16.651	200	546394	60.470	ng	98
70) Pentachlorophenol	16.821	266	745228	96.923	ng	99
71) Phenanthrene	17.215	178	2909556	49.926	ng	100
72) Anthracene	17.303	178	2954118	52.358	ng	99
73) Carbazole	17.580	167	2586102	45.237	ng	99
74) Di-n-butylphthalate	18.145	149	3355183	49.165	ng	100
75) Fluoranthene	19.227	202	2874931	44.070	ng	97
77) Benzidine	19.427	184	1519226	129.129	ng	99
78) Pyrene	19.592	202	2881407	59.231	ng	99
80) Butylbenzylphthalate	20.497	149	1202042	57.251	ng	99
81) Benzo(a)anthracene	21.338	228	2336587	48.356	ng	99
82) 3,3'-Dichlorobenzidine	21.280	252	798067	68.019	ng	100
83) Chrysene	21.391	228	2212788	48.174	ng	99
84) Bis(2-ethylhexyl)phtha...	21.268	149	1772662	55.962	ng	99
85) Di-n-octyl phthalate	22.168	149	2571886	49.750	ng	97
87) Indeno(1,2,3-cd)pyrene	26.079	276	2836068	53.588	ng	97
88) Benzo(b)fluoranthene	22.968	252	2228173m	50.499	ng	
89) Benzo(k)fluoranthene	23.015	252	2175359	48.813	ng	99
90) Benzo(a)pyrene	23.574	252	1961254	52.977	ng	99
91) Dibenzo(a,h)anthracene	26.097	278	2488359	56.170	ng	98
92) Benzo(g,h,i)perylene	26.820	276	2541897	59.270	ng	97

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

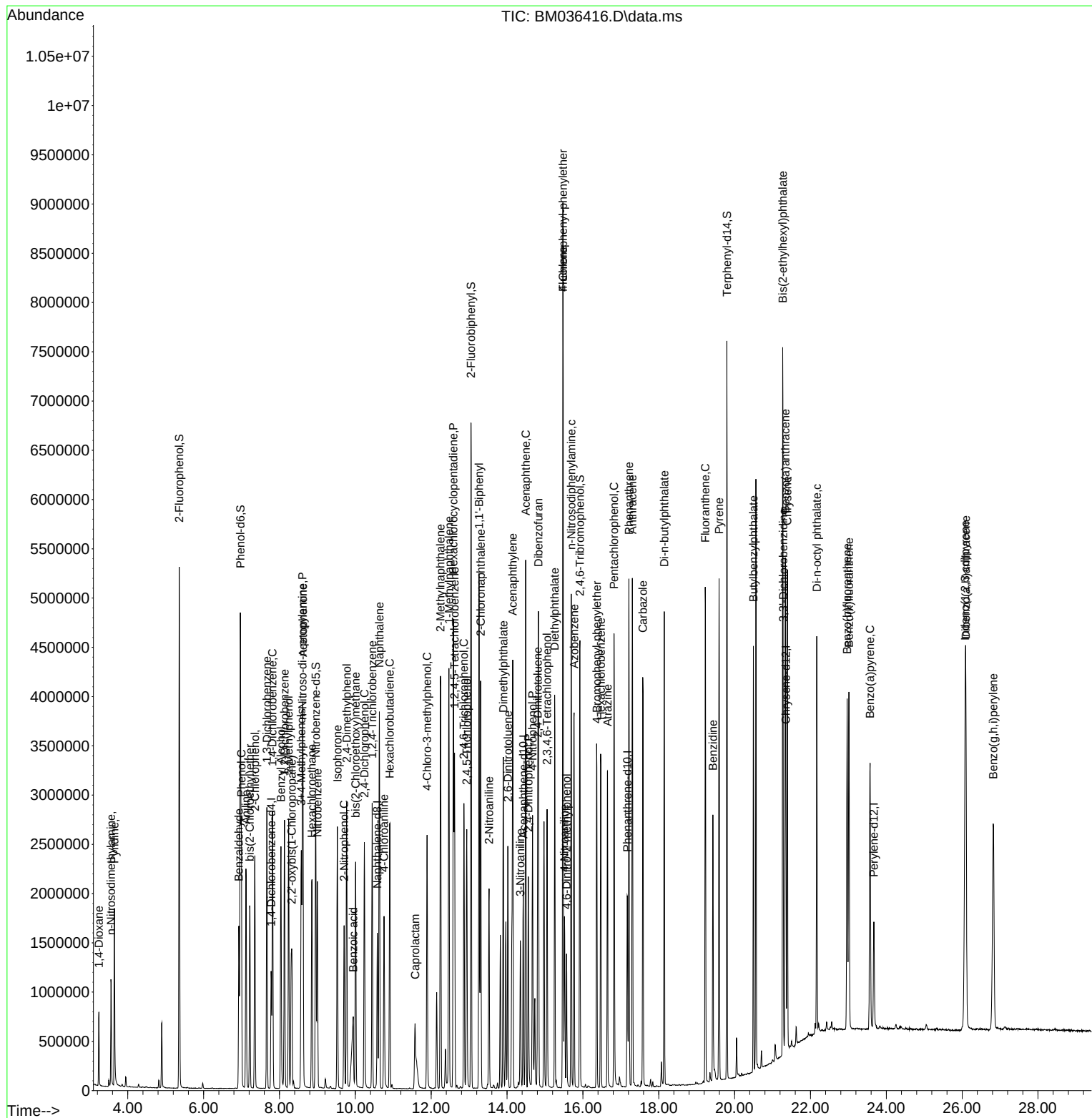
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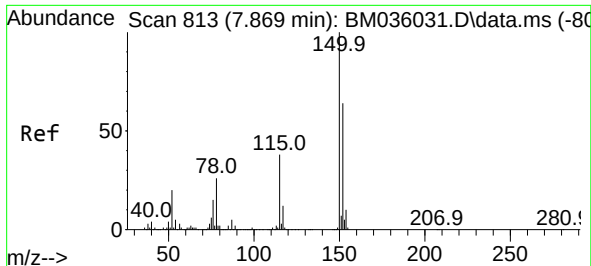
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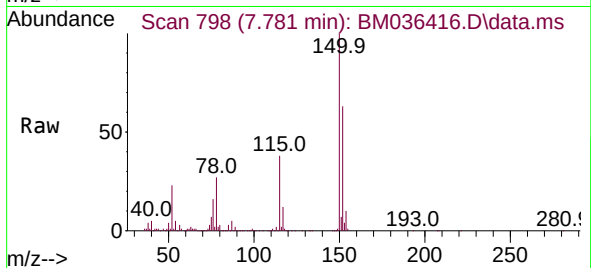
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

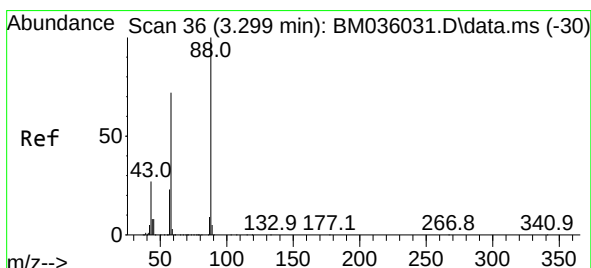
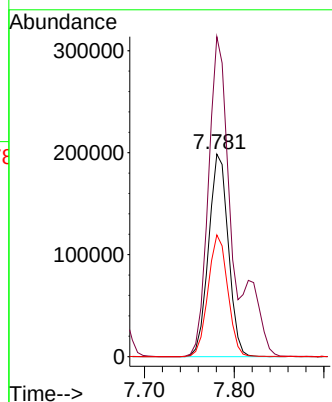
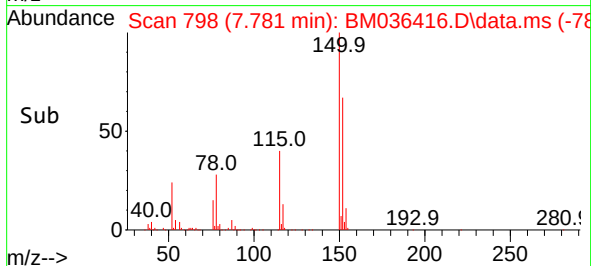
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 302880
Ion Ratio Lower Upper
152 100
150 158.1 124.9 187.3
115 60.1 47.9 71.9

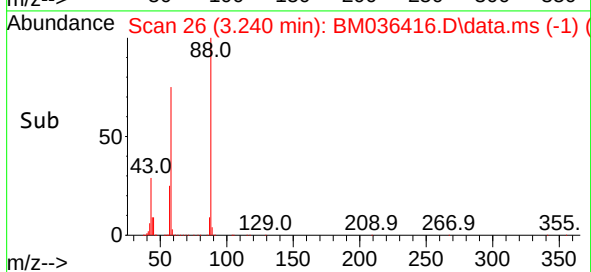
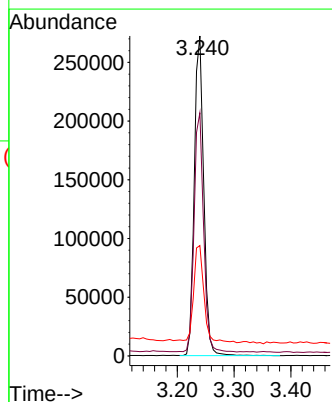
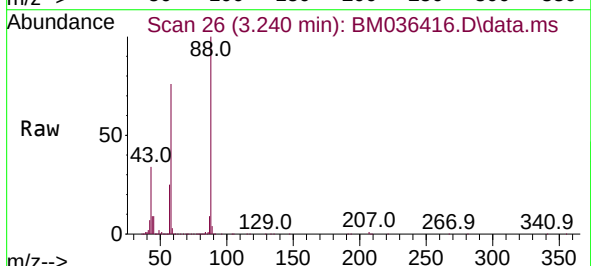
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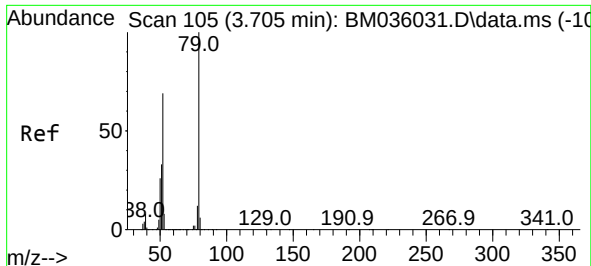
Reviewed By :Christian Giraldo 08/26/2022
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#2
1,4-Dioxane
Concen: 41.530 ng
RT: 3.240 min Scan# 26
Delta R.T. 0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

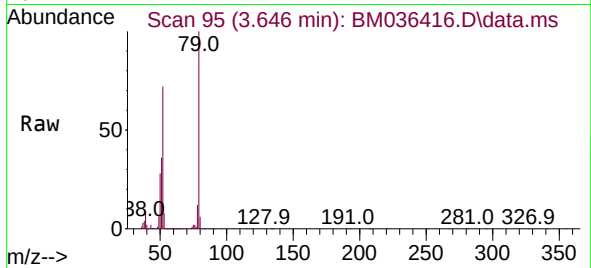
Tgt Ion: 88 Resp: 312635
Ion Ratio Lower Upper
88 100
58 75.2 62.3 93.5
43 33.1 28.7 43.1





#3
Pyridine
Concen: 42.583 ng
RT: 3.646 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

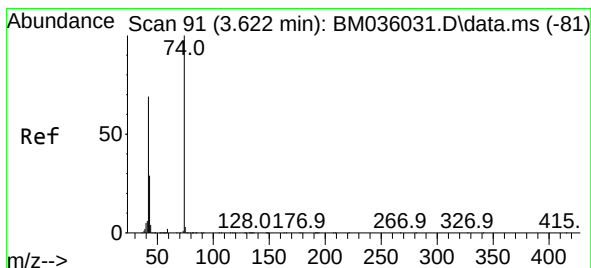
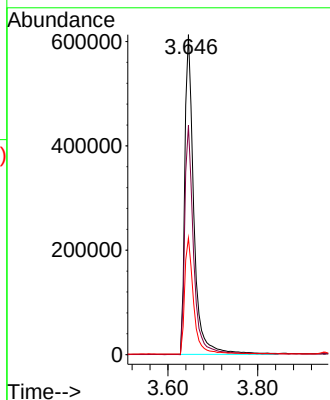
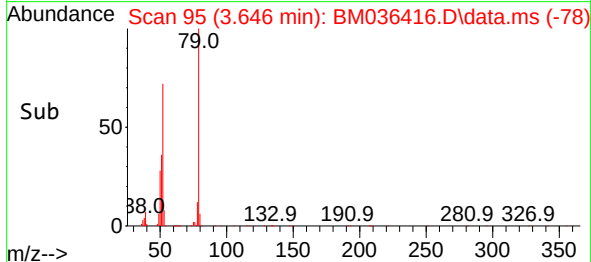
Instrument :
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ClientSampleId :
SASP2-T-4-(25-37)MSD



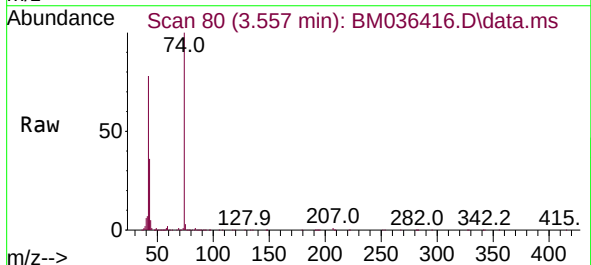
Tgt Ion: 79 Resp: 859599
Ion Ratio Lower Upper
79 100
52 71.6 61.9 92.9
51 36.4 33.5 50.3

Manual Integrations
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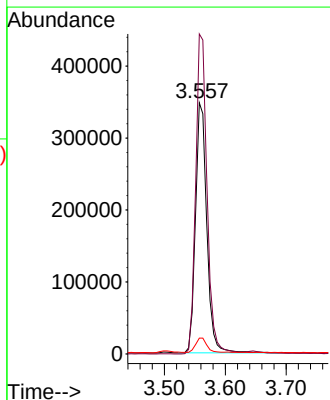
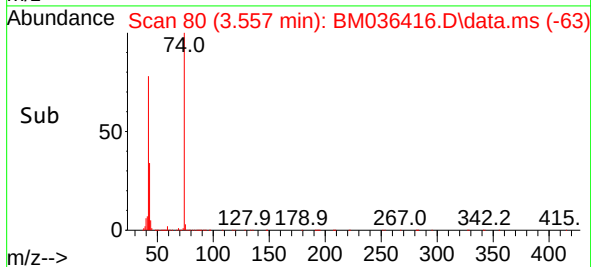
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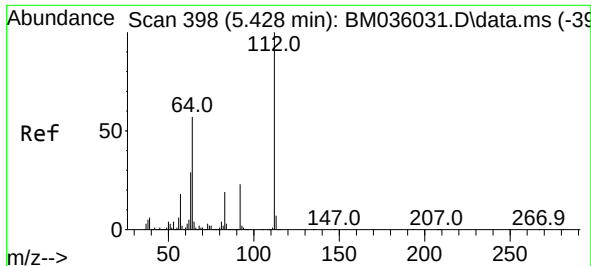


#4
n-Nitrosodimethylamine
Concen: 54.085 ng
RT: 3.557 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06



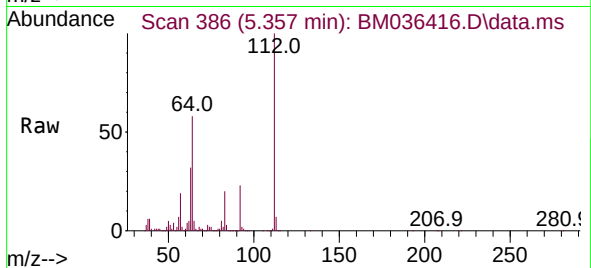
Tgt Ion: 42 Resp: 448650
Ion Ratio Lower Upper
42 100
74 127.4 81.6 122.4
44 6.3 5.2 7.8





#5
2-Fluorophenol
Concen: 114.180 ng
RT: 5.357 min Scan# 386
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

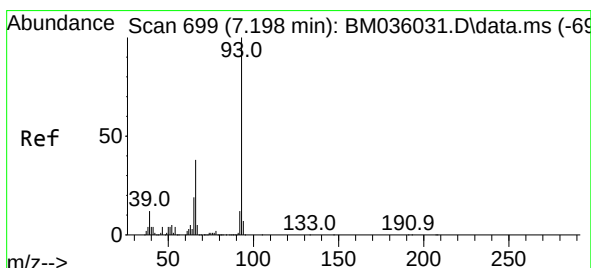
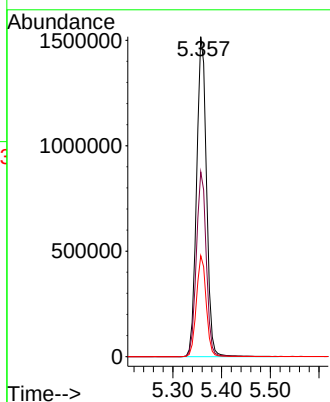
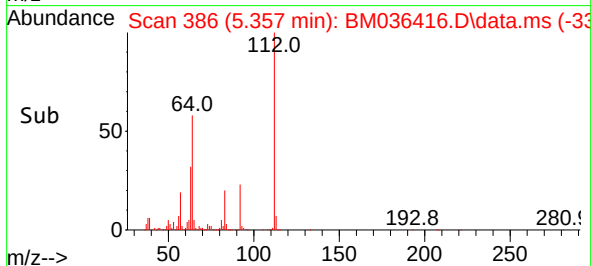
Instrument :
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ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion: 112 Resp: 2133092
Ion Ratio Lower Upper
112 100
64 57.7 47.8 71.6
63 31.5 26.6 40.0

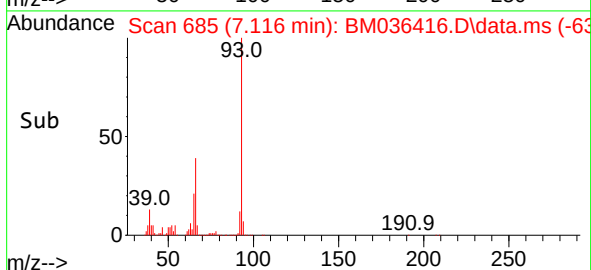
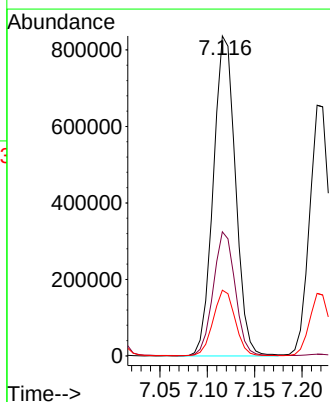
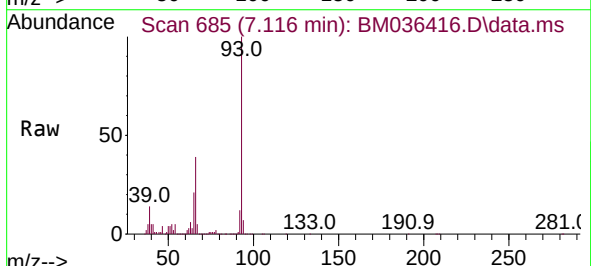
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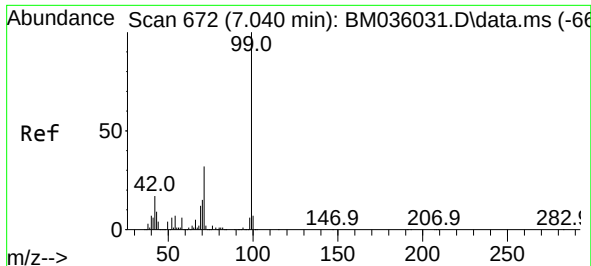
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#6
Aniline
Concen: 51.767 ng
RT: 7.116 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

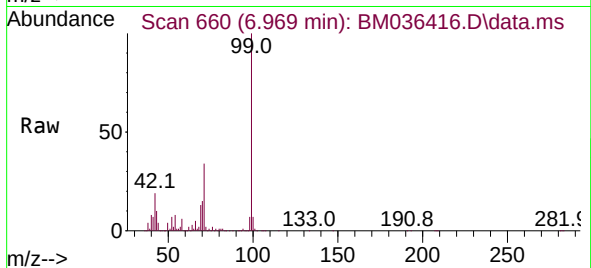
Tgt Ion: 93 Resp: 1362699
Ion Ratio Lower Upper
93 100
66 38.8 32.6 49.0
65 20.6 16.8 25.2





#7
Phenol-d6
Concen: 111.330 ng
RT: 6.969 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

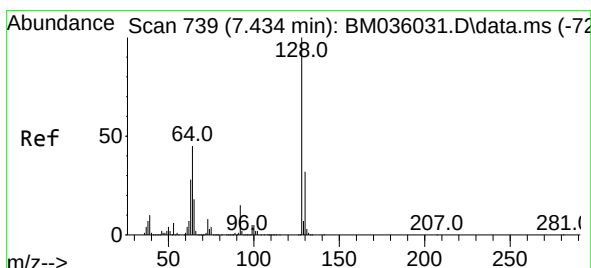
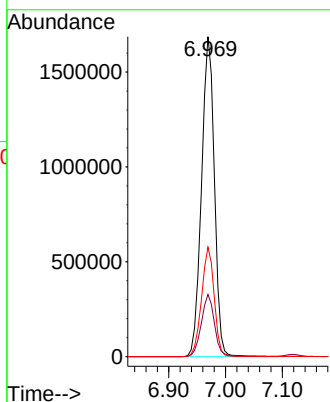
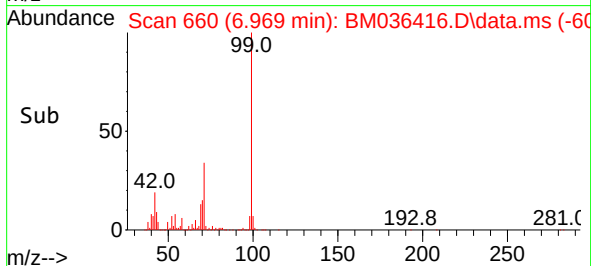
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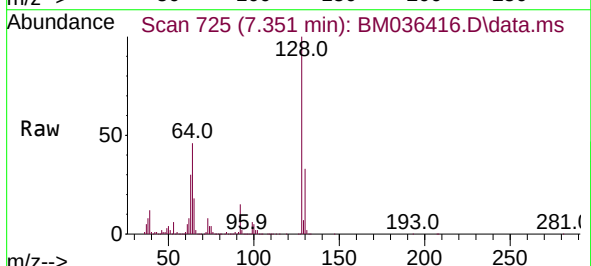
Tgt Ion: 99 Resp: 264644
Ion Ratio Lower Upper
99 100
42 19.4 18.8 28.2
71 34.2 30.2 45.2

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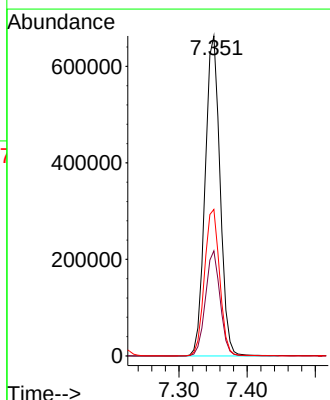
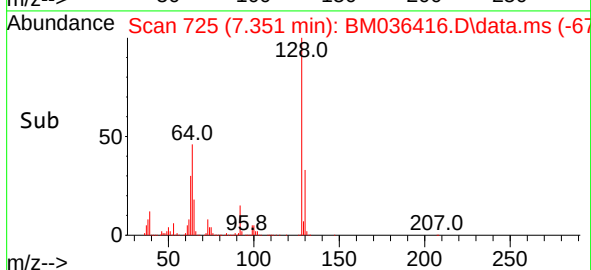
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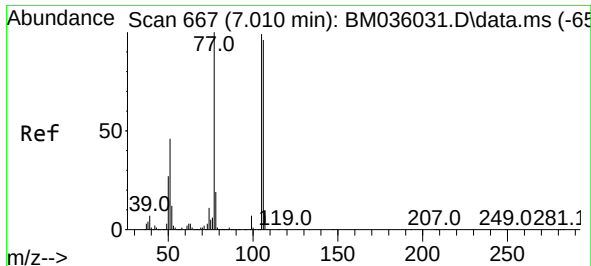


#8
2-Chlorophenol
Concen: 50.690 ng
RT: 7.351 min Scan# 725
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06



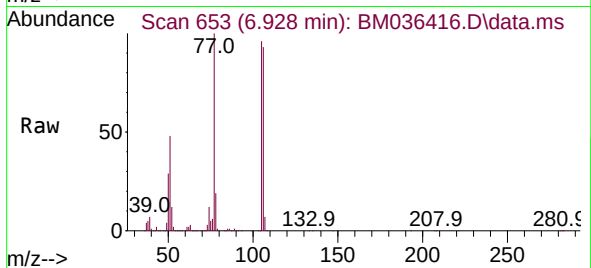
Tgt Ion:128 Resp: 1009671
Ion Ratio Lower Upper
128 100
130 32.8 10.9 50.9
64 45.8 28.2 68.2





#9
Benzaldehyde
Concen: 43.663 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036416.D
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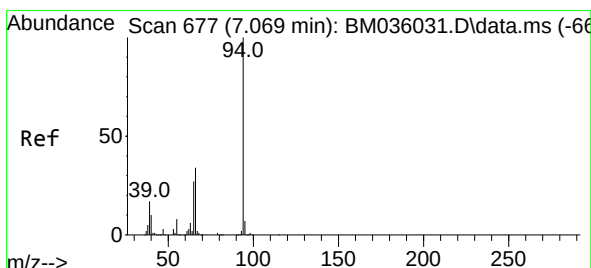
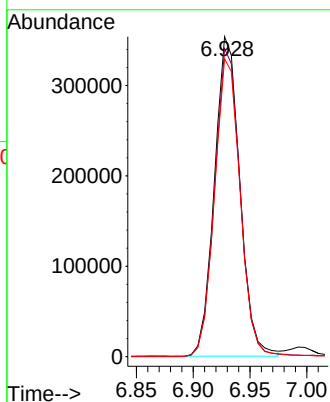
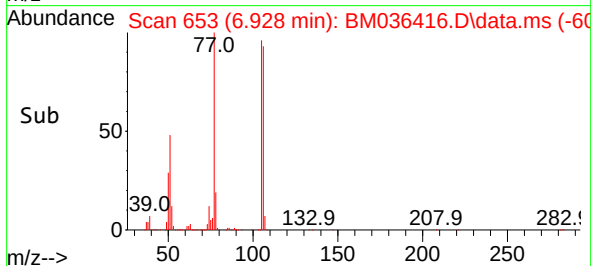
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Tgt Ion: 77 Resp: 549489
Ion Ratio Lower Upper
77 100
105 96.2 76.3 116.3
106 93.1 69.0 109.0

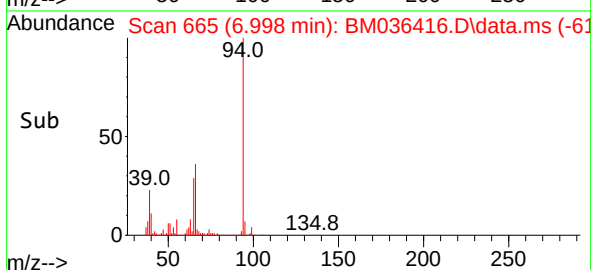
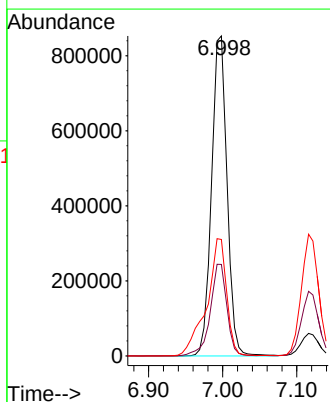
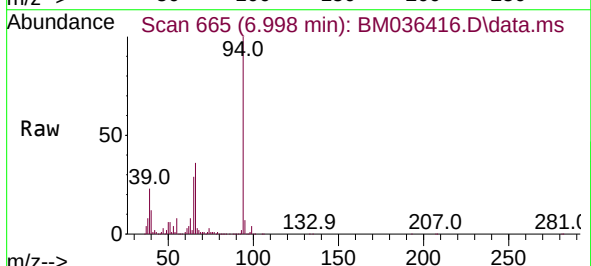
Manual Integrations
APPROVED

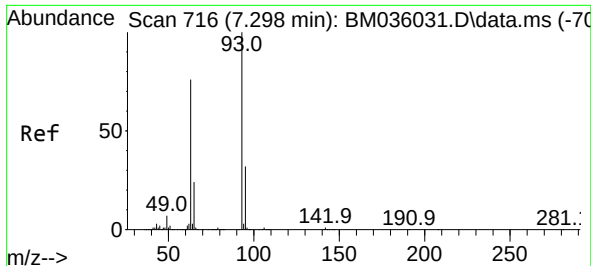
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#10
Phenol
Concen: 51.907 ng
RT: 6.998 min Scan# 665
Delta R.T. 0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

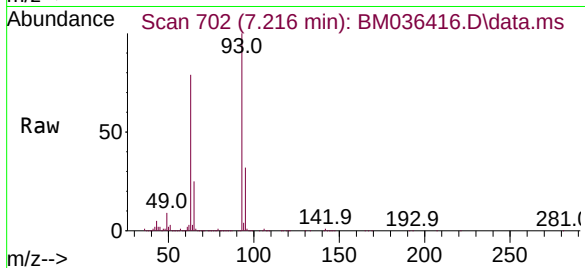
Tgt Ion: 94 Resp: 1242392
Ion Ratio Lower Upper
94 100
65 28.6 11.4 51.4
66 36.4 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 49.020 ng
RT: 7.216 min Scan# 702
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

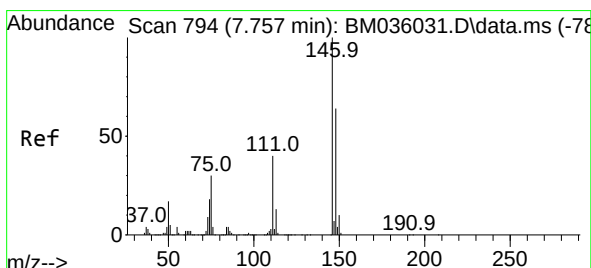
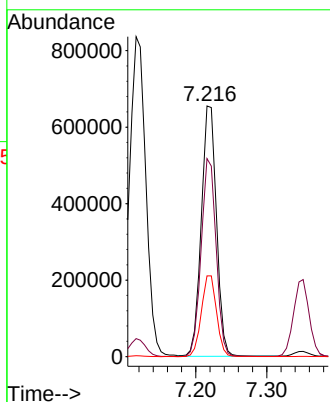
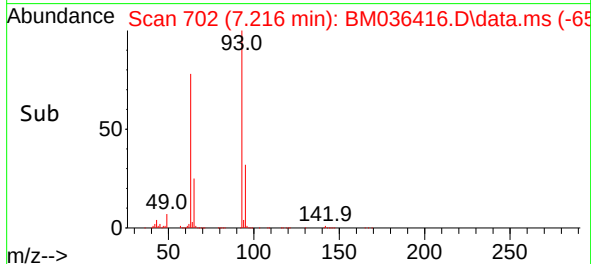
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion: 93 Resp: 966535
Ion Ratio Lower Upper
93 100
63 79.0 60.6 100.6
95 32.2 13.2 53.2

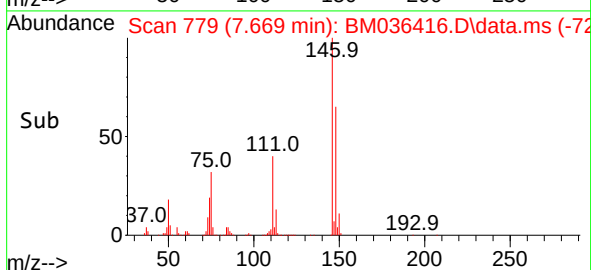
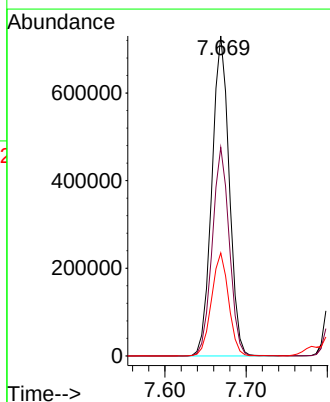
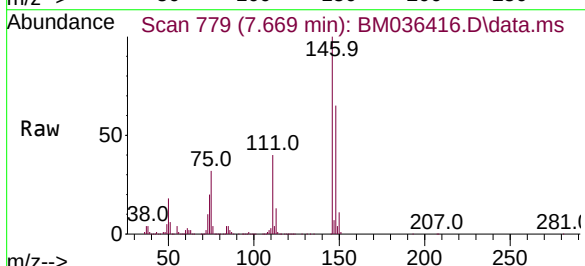
Manual Integrations
APPROVED

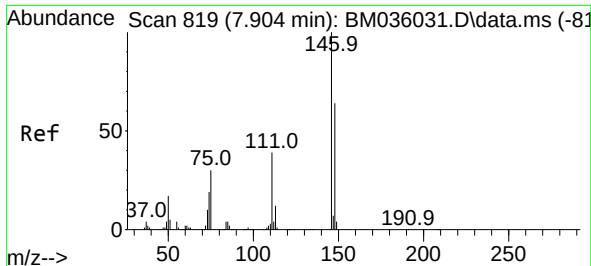
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#12
1,3-Dichlorobenzene
Concen: 48.882 ng
RT: 7.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

Tgt Ion:146 Resp: 1078959
Ion Ratio Lower Upper
146 100
148 65.2 50.7 76.1
75 32.2 26.1 39.1





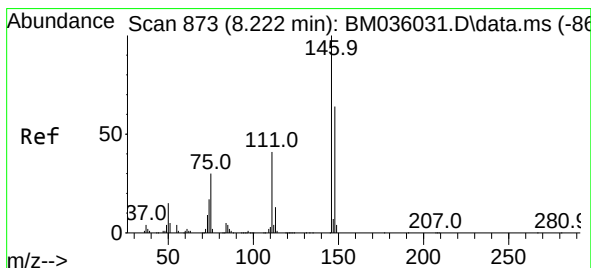
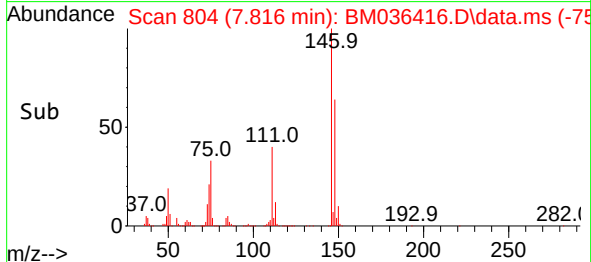
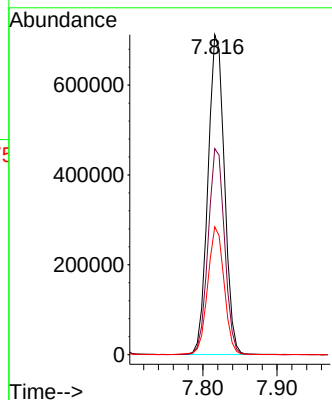
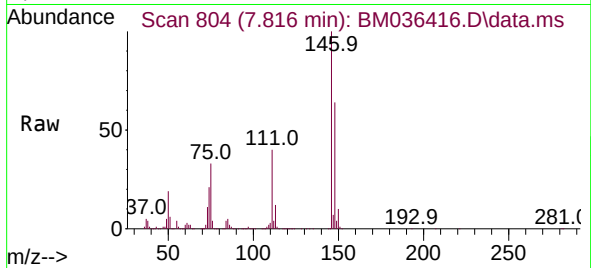
#13
1,4-Dichlorobenzene
Concen: 48.797 ng
RT: 7.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD

Tgt Ion:146 Resp: 1098406
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 40.0 32.5 48.7

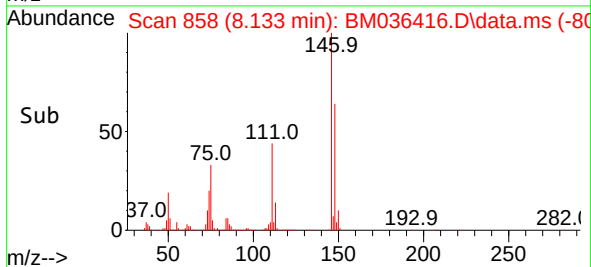
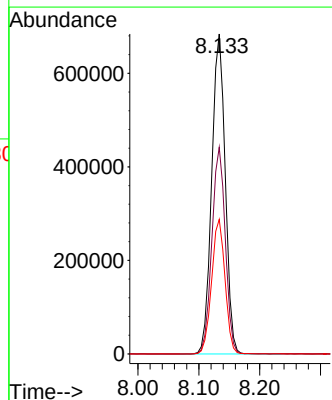
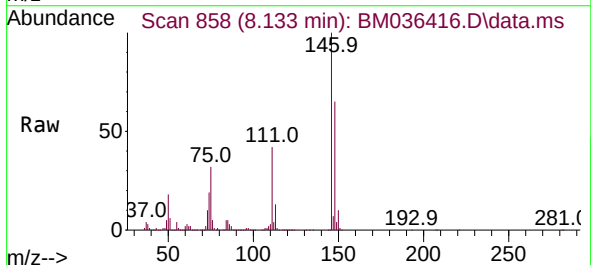
Manual Integrations
APPROVED

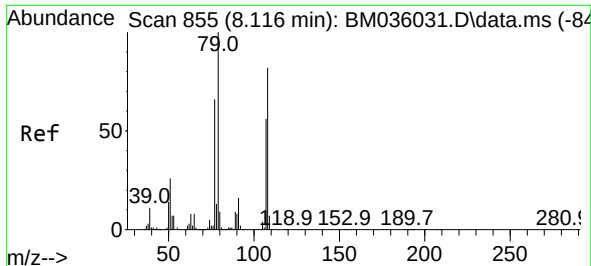
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#14
1,2-Dichlorobenzene
Concen: 48.604 ng
RT: 8.133 min Scan# 858
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

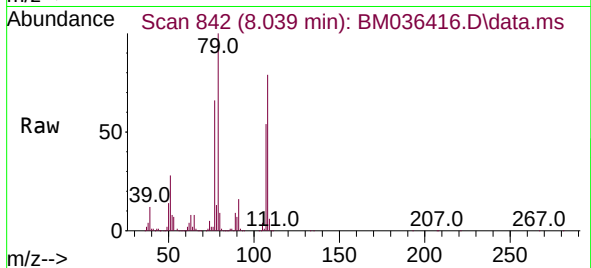
Tgt Ion:146 Resp: 1055647
Ion Ratio Lower Upper
146 100
148 64.6 50.7 76.1
111 42.0 33.9 50.9





#15
Benzyl Alcohol
Concen: 51.035 ng m
RT: 8.039 min Scan# 84
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

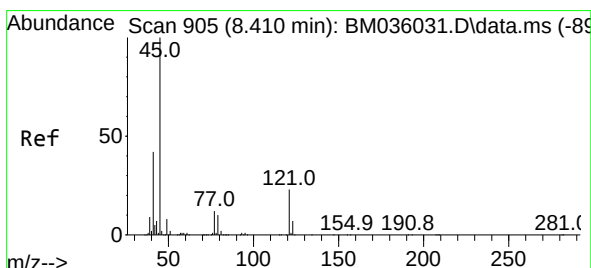
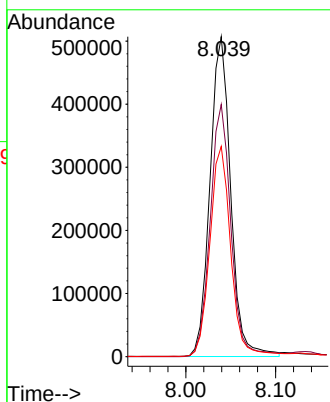
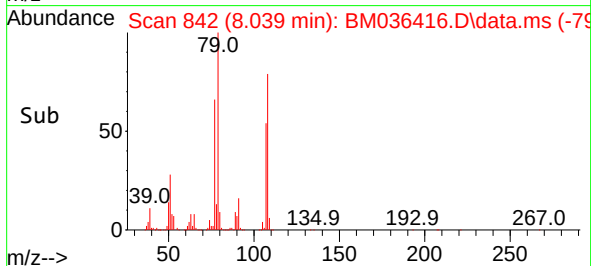
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion: 79 Resp: 814104
Ion Ratio Lower Upper
79 100
108 78.8 59.0 88.4
77 65.7 52.2 78.4

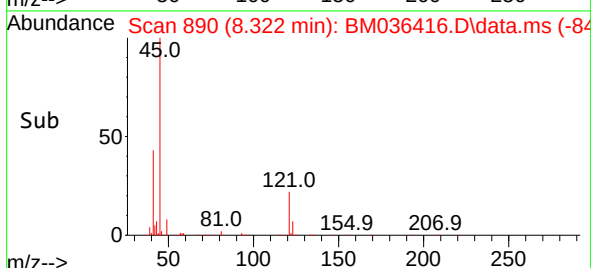
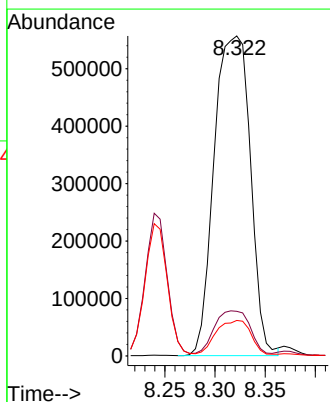
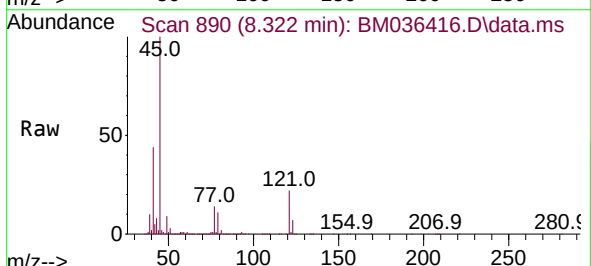
Manual Integrations
APPROVED

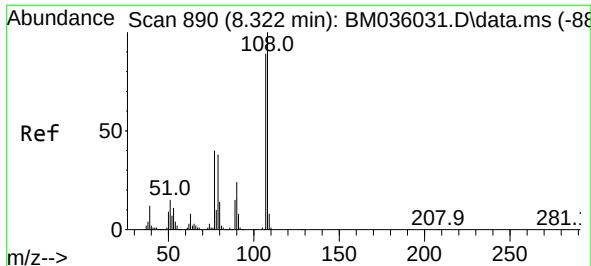
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.209 ng
RT: 8.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

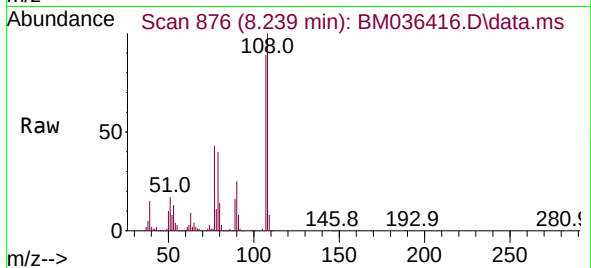
Tgt Ion: 45 Resp: 1395041
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.1
79 11.1 0.0 30.5





#17
2-Methylphenol
Concen: 50.963 ng
RT: 8.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

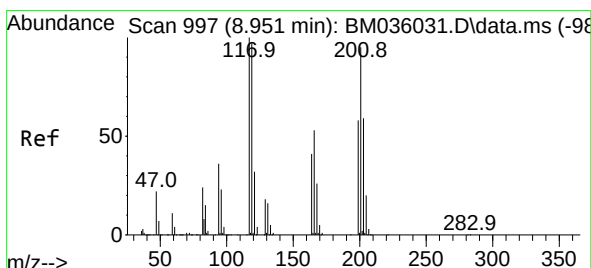
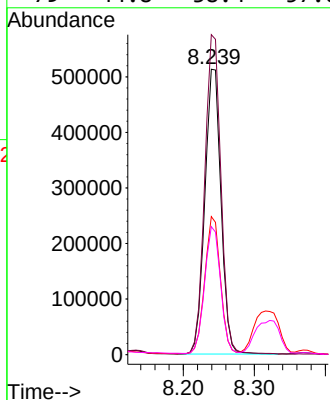
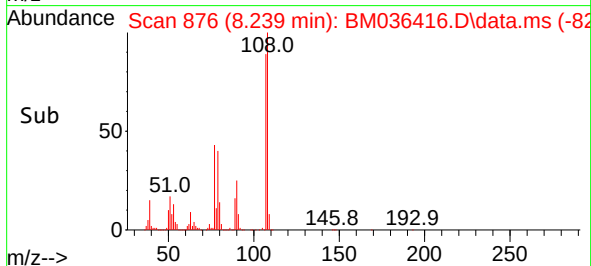
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:107 Resp: 807468
Ion Ratio Lower Upper
107 100
108 112.2 88.7 133.1
77 48.3 40.6 60.8
79 44.8 38.4 57.6

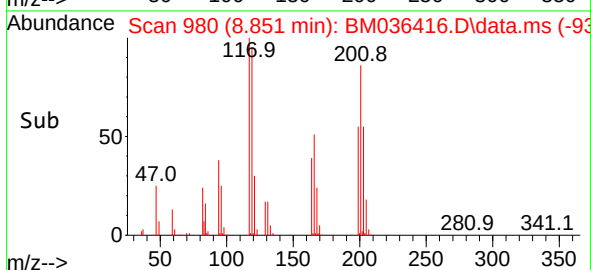
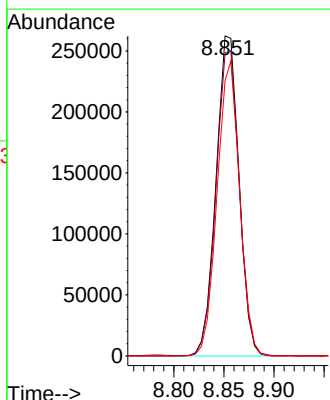
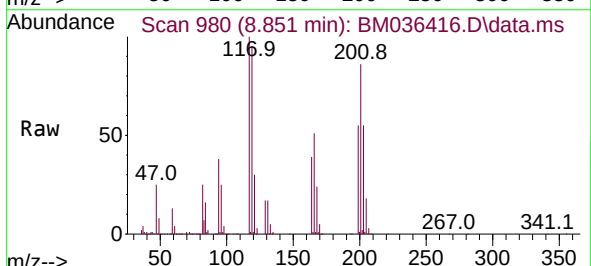
Manual Integrations
APPROVED

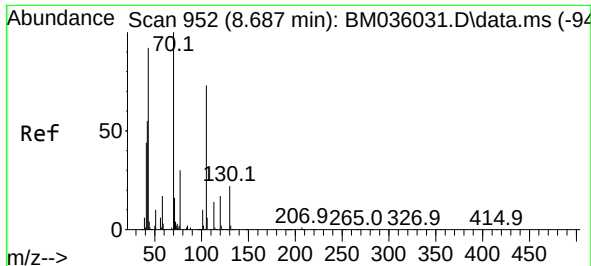
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#18
Hexachloroethane
Concen: 51.745 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

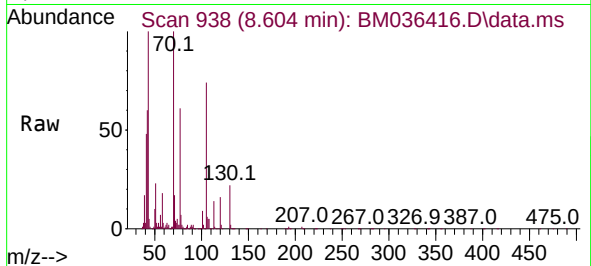
Tgt Ion:117 Resp: 419293
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
201 86.1 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 49.892 ng
RT: 8.604 min Scan# 931
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

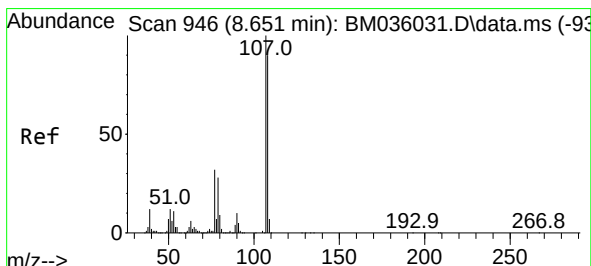
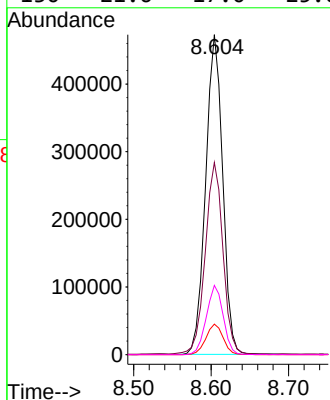
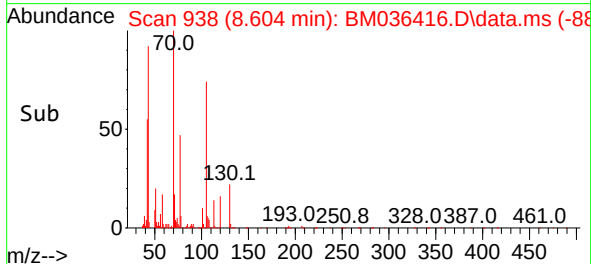
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



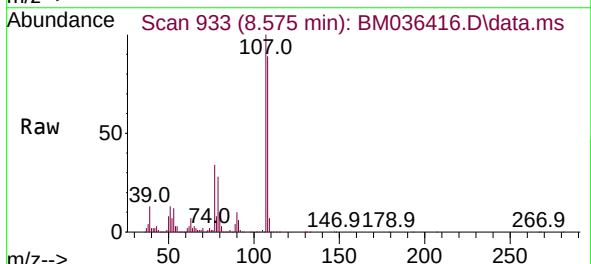
Tgt Ion: 70 Resp: 720397
Ion Ratio Lower Upper
70 100
42 60.1 55.4 83.2
101 9.5 7.8 11.6
130 21.6 17.0 25.6

Manual Integrations
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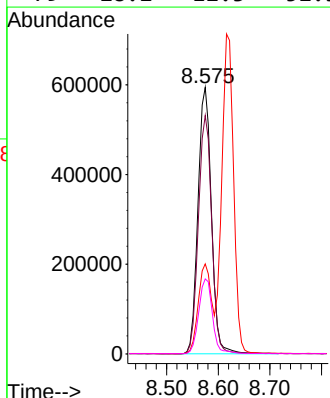
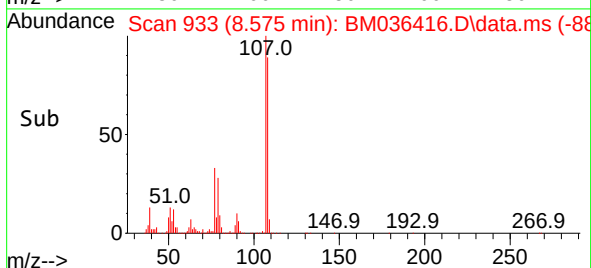
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

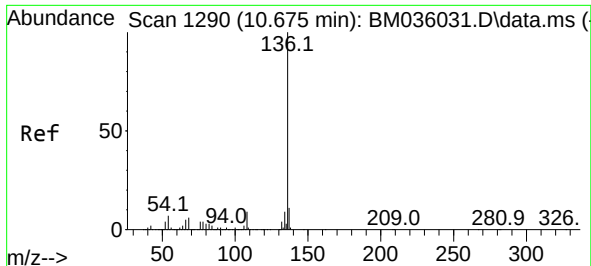


#20
3+4-Methylphenols
Concen: 49.708 ng
RT: 8.575 min Scan# 933
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06



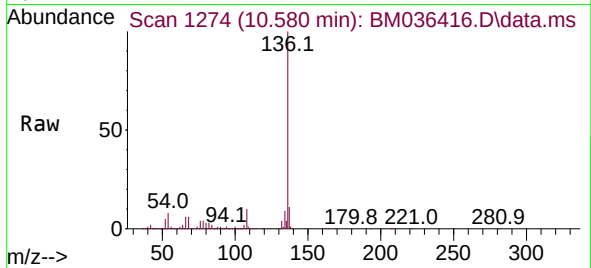
Tgt Ion:107 Resp: 1070012
Ion Ratio Lower Upper
107 100
108 89.4 69.3 109.3
77 33.8 15.8 55.8
79 28.2 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

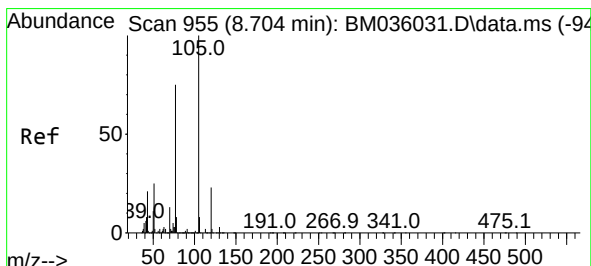
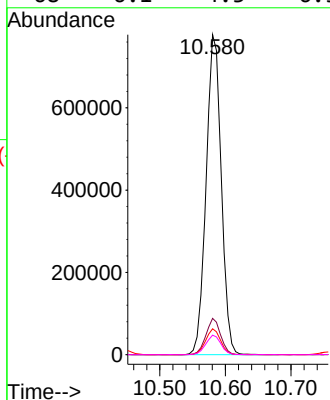
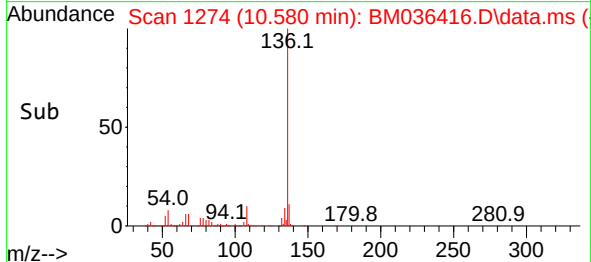
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:136 Resp: 1245511
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.1 7.0 10.4
68 6.1 4.3 6.5

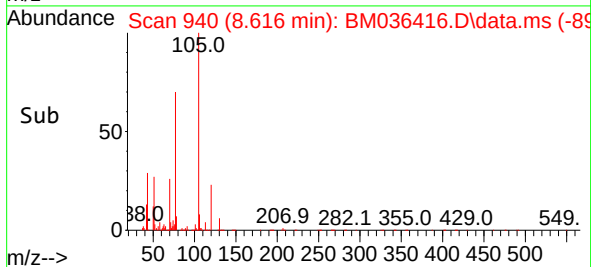
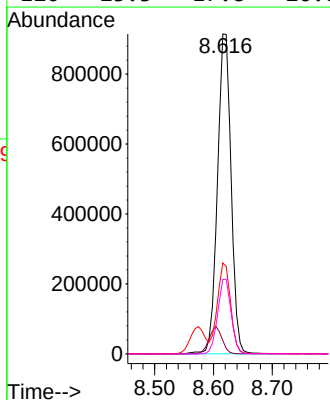
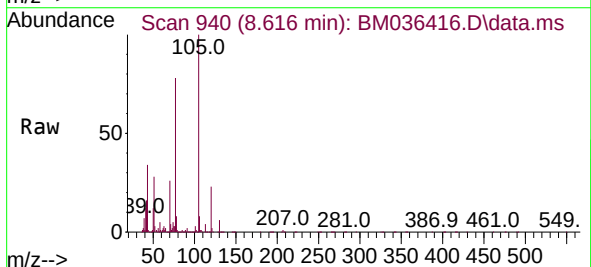
Manual Integrations
APPROVED

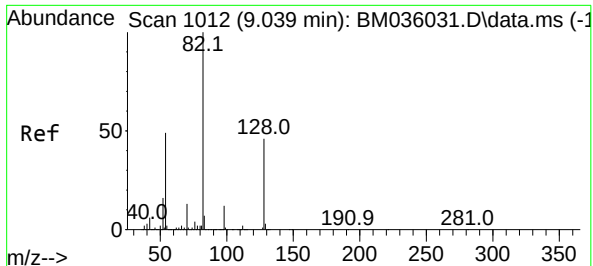
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#22
Acetophenone
Concen: 49.988 ng
RT: 8.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

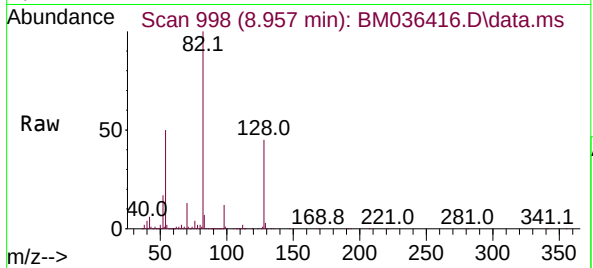
Tgt Ion:105 Resp: 1473821
Ion Ratio Lower Upper
105 100
71 4.2 5.0 7.4#
51 28.4 25.6 38.4
120 23.3 17.8 26.8





#23
Nitrobenzene-d5
Concen: 72.832 ng
RT: 8.957 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

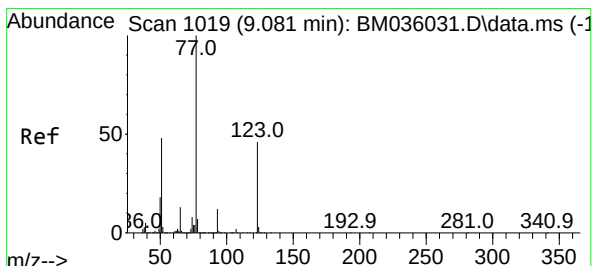
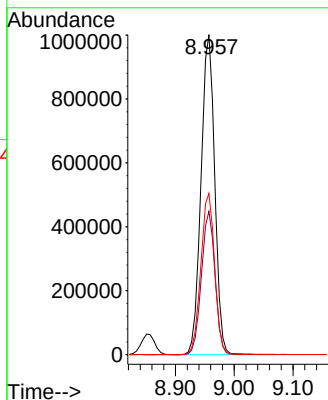
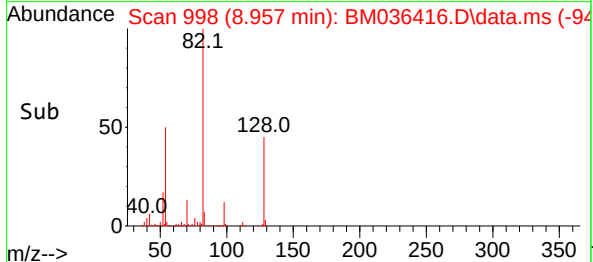
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion: 82 Resp: 1620554
Ion Ratio Lower Upper
82 100
128 44.8 33.7 50.5
54 50.4 43.2 64.8

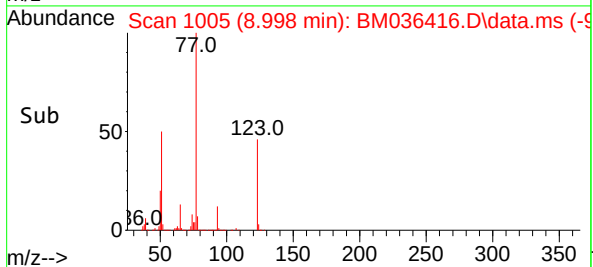
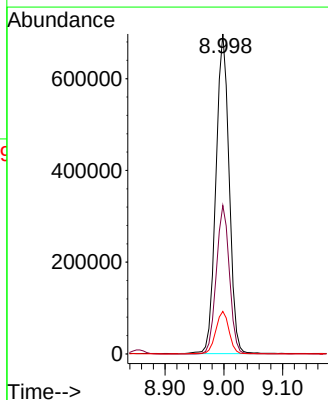
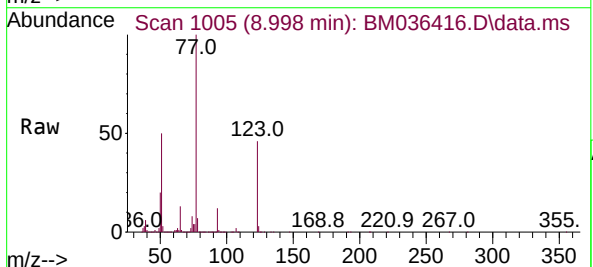
Manual Integrations
APPROVED

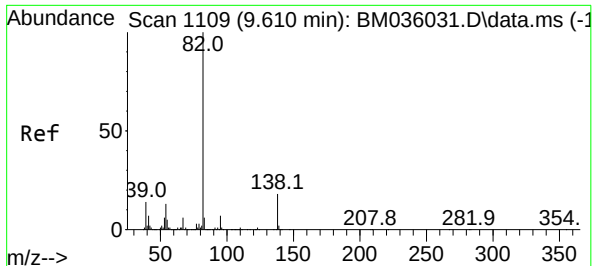
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#24
Nitrobenzene
Concen: 52.048 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

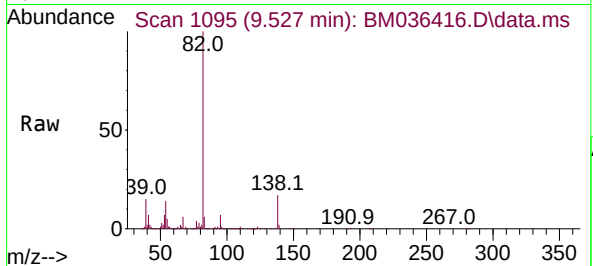
Tgt Ion: 77 Resp: 1088704
Ion Ratio Lower Upper
77 100
123 46.4 36.2 54.4
65 13.3 11.4 17.0





#25
Isophorone
Concen: 53.114 ng
RT: 9.527 min Scan# 1095
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

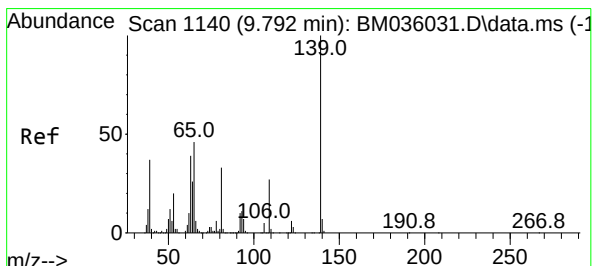
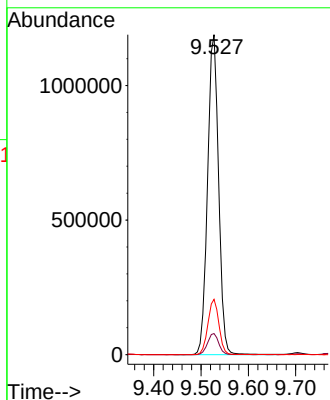
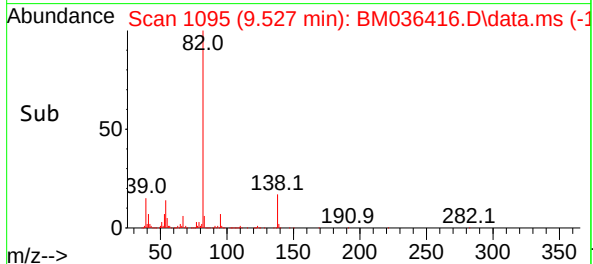
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion: 82 Resp: 192257
Ion Ratio Lower Upper
82 100
95 6.6 6.4 9.6
138 17.3 14.2 21.4

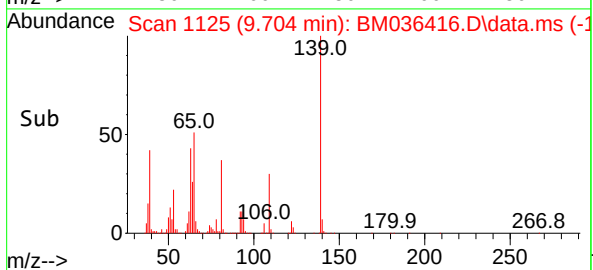
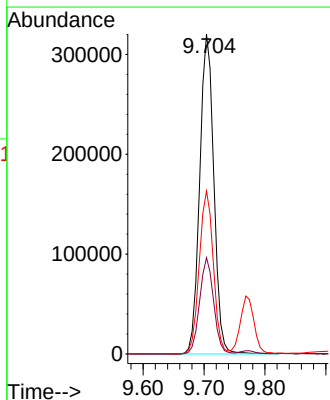
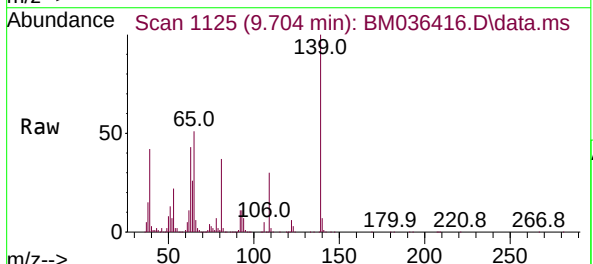
Manual Integrations
APPROVED

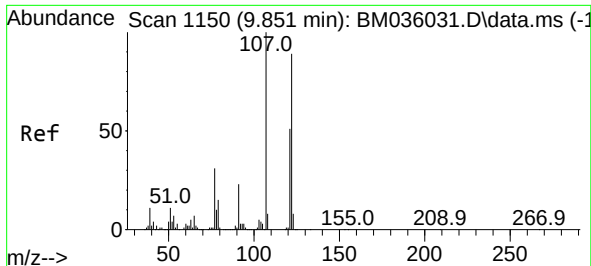
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#26
2-Nitrophenol
Concen: 52.302 ng
RT: 9.704 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

Tgt Ion:139 Resp: 516015
Ion Ratio Lower Upper
139 100
109 30.1 25.6 38.4
65 50.9 43.2 64.8





#27

2,4-Dimethylphenol

Concen: 56.006 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM036416.D

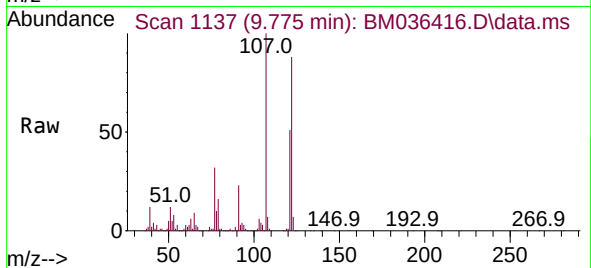
Acq: 25 Aug 2022 21:06

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(25-37)MSD



Tgt Ion:122 Resp: 855963

Ion Ratio Lower Upper

122 100

107 113.8 92.4 138.6

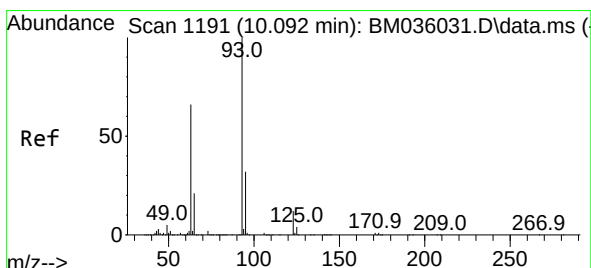
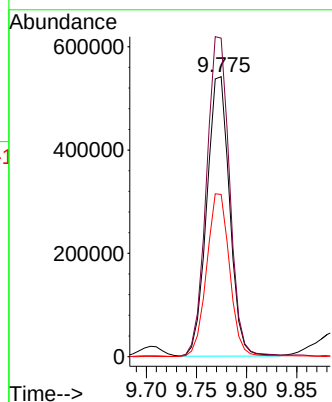
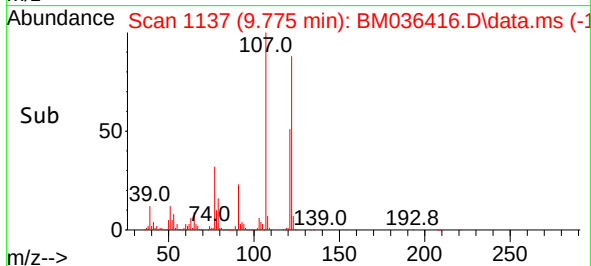
121 57.9 47.4 71.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.879 ng

RT: 10.010 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BM036416.D

Acq: 25 Aug 2022 21:06

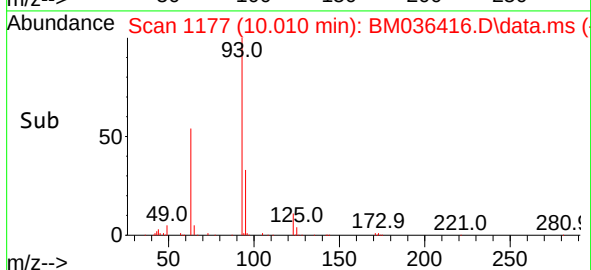
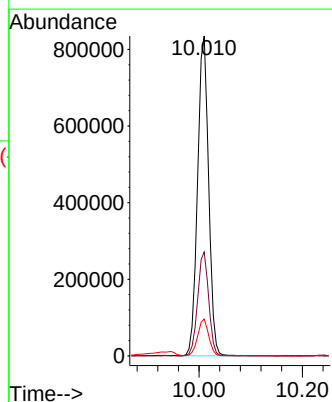
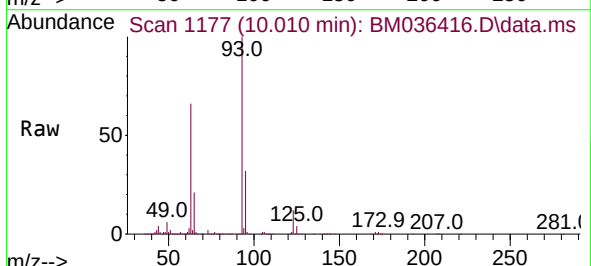
Tgt Ion: 93 Resp: 1234714

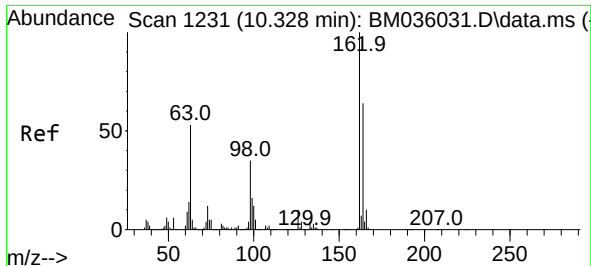
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 49.351 ng

RT: 10.239 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BM036416.D

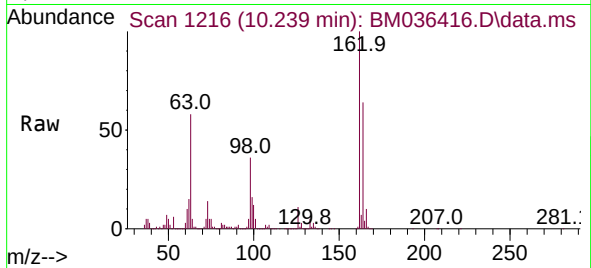
Acq: 25 Aug 2022 21:06

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(25-37)MSD



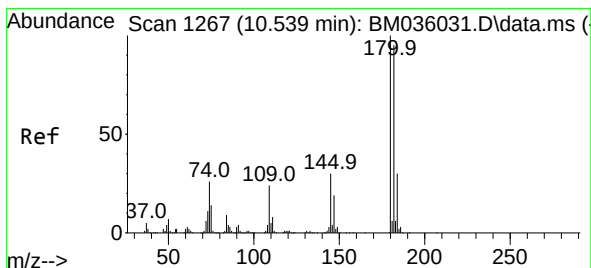
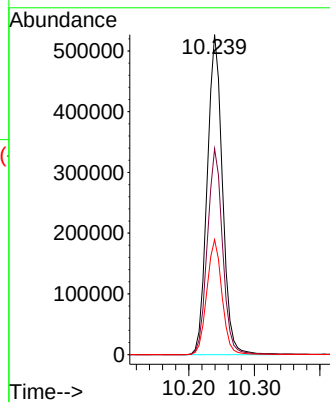
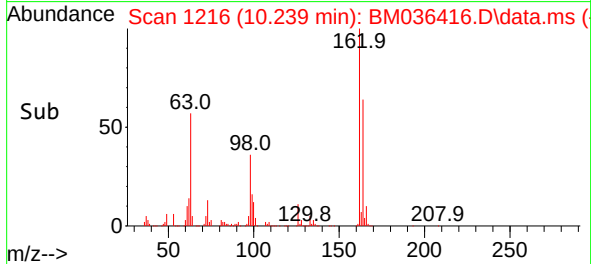
Tgt Ion:	162	Resp:	848203
Ion Ratio	Lower	Upper	
162	100		
164	64.3	44.2	84.2
98	35.9	15.0	55.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.140 ng

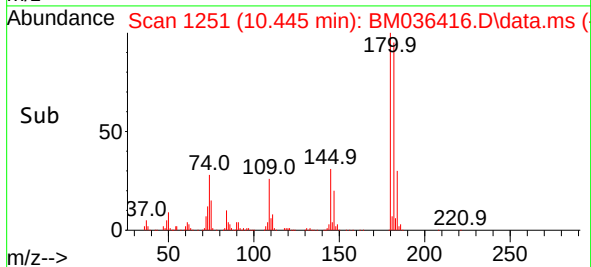
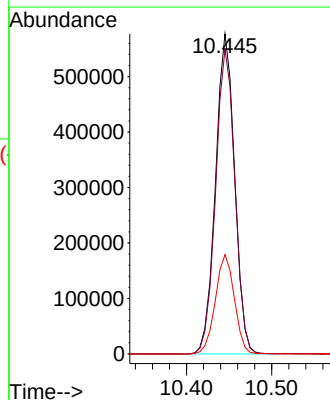
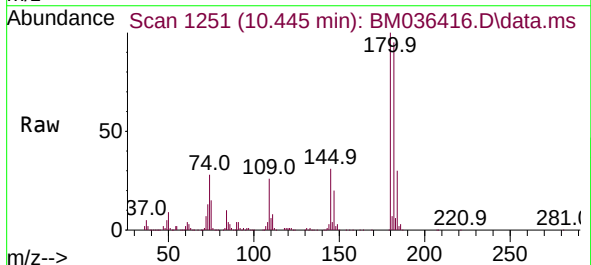
RT: 10.445 min Scan# 1251

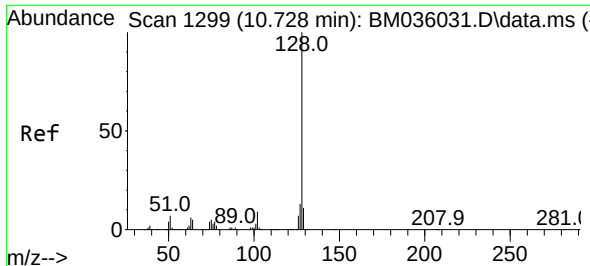
Delta R.T. -0.006 min

Lab File: BM036416.D

Acq: 25 Aug 2022 21:06

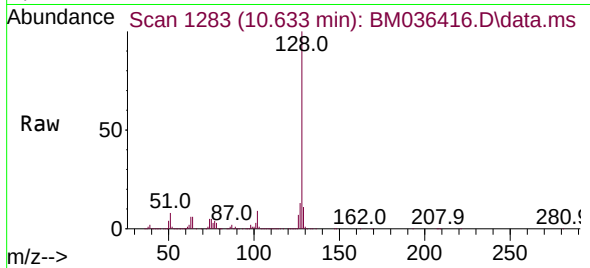
Tgt Ion:	180	Resp:	898662
Ion Ratio	Lower	Upper	
180	100		
182	95.1	77.9	116.9
145	31.0	25.0	37.6





#31
Naphthalene
Concen: 48.534 ng
RT: 10.633 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

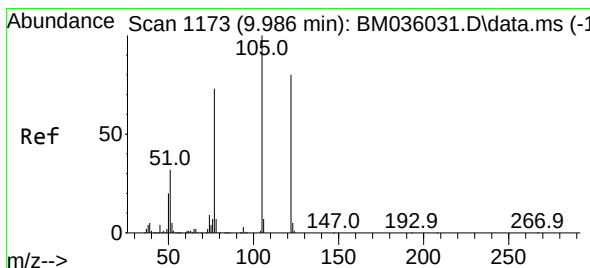
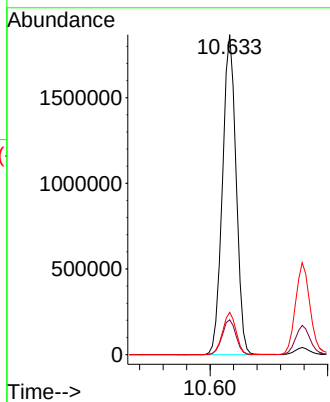
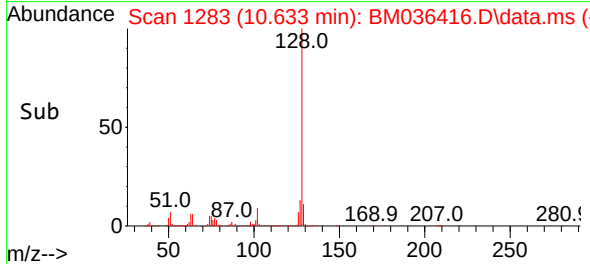
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:128 Resp: 300539
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.6 16.0

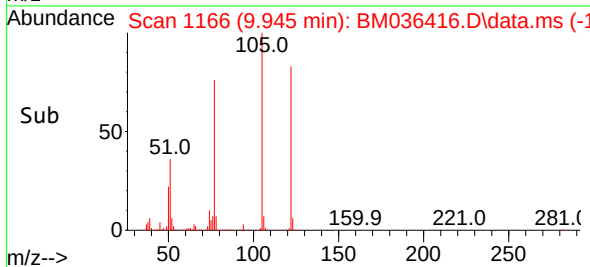
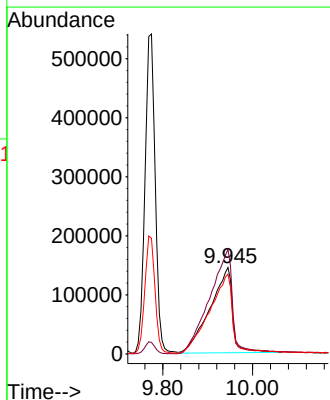
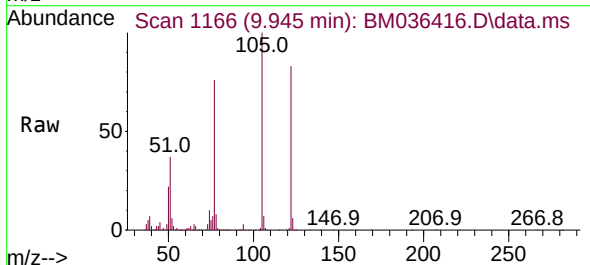
Manual Integrations
APPROVED

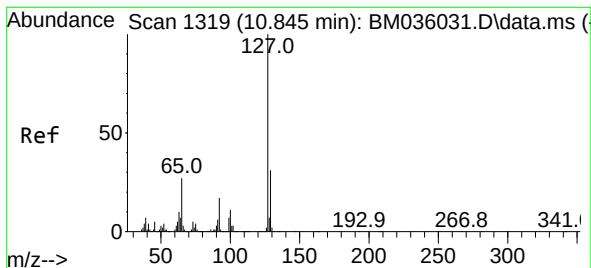
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#32
Benzoic acid
Concen: 41.863 ng
RT: 9.945 min Scan# 1166
Delta R.T. 0.011 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

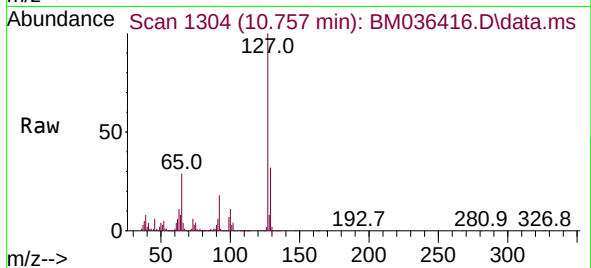
Tgt Ion:122 Resp: 507171
Ion Ratio Lower Upper
122 100
105 121.1 105.7 145.7
77 92.3 80.0 120.0





#33
4-Chloroaniline
Concen: 37.610 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

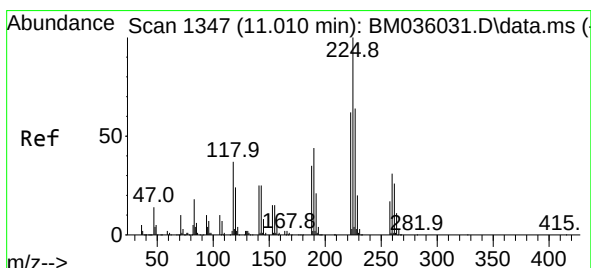
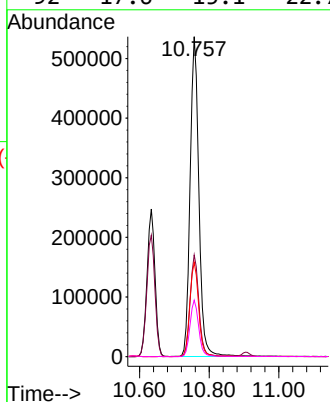
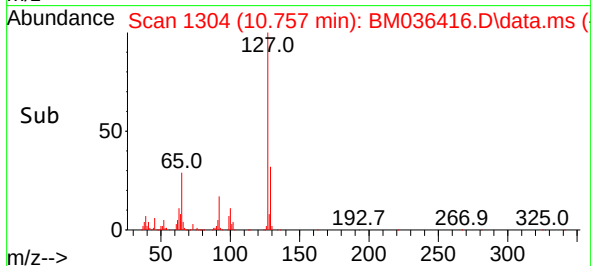
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:127 Resp: 938601
Ion Ratio Lower Upper
127 100
129 31.8 25.7 38.5
65 29.4 26.6 40.0
92 17.6 15.1 22.7

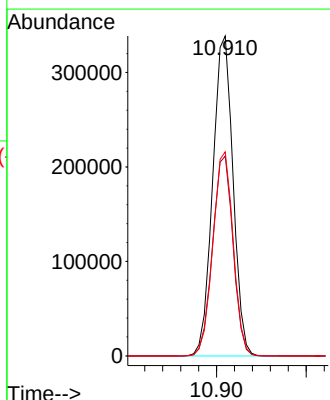
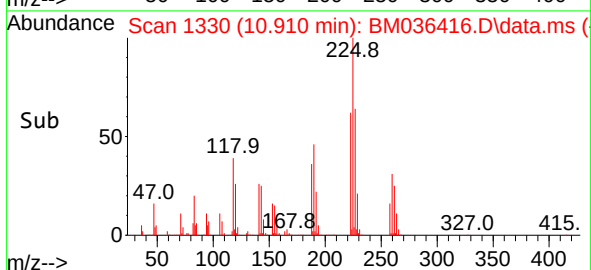
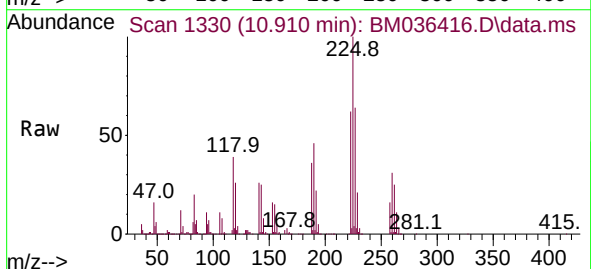
Manual Integrations
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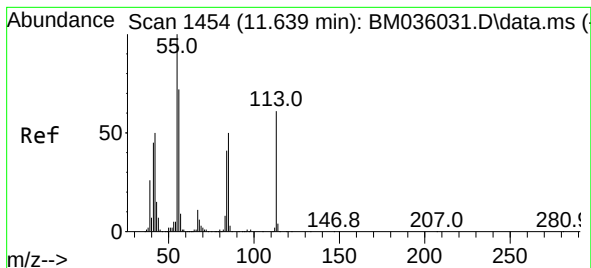
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#34
Hexachlorobutadiene
Concen: 46.725 ng
RT: 10.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

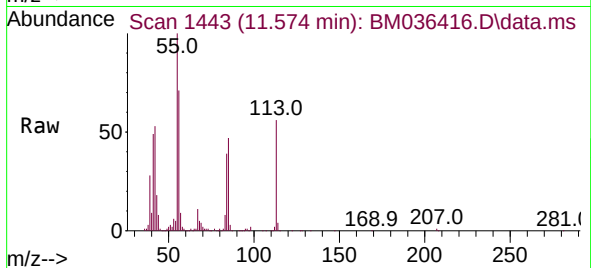
Tgt Ion:225 Resp: 534770
Ion Ratio Lower Upper
225 100
223 62.4 50.8 76.2
227 63.8 52.7 79.1





#35
Caprolactam
Concen: 43.081 ng
RT: 11.574 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

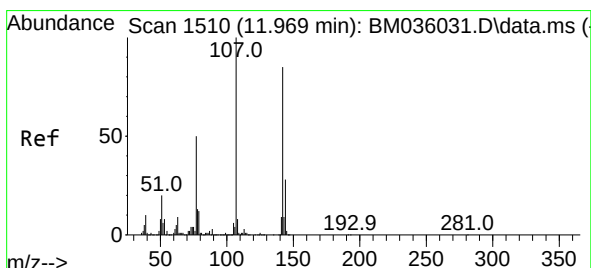
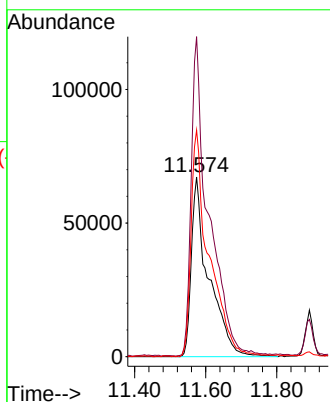
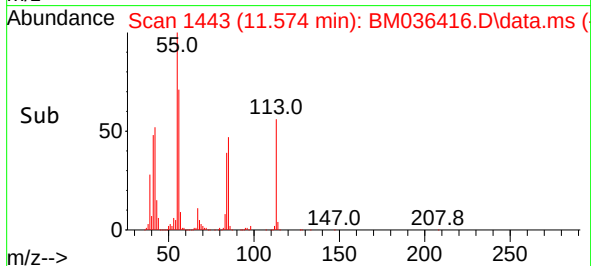
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:113 Resp: 228068
Ion Ratio Lower Upper
113 100
55 178.1 150.1 190.1
56 126.1 111.7 151.7

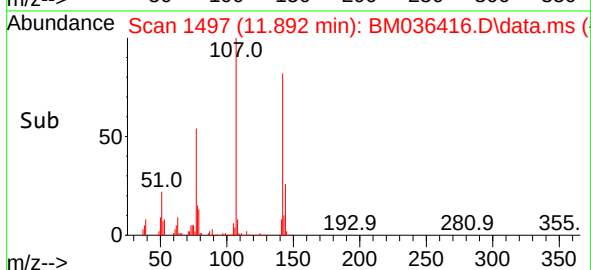
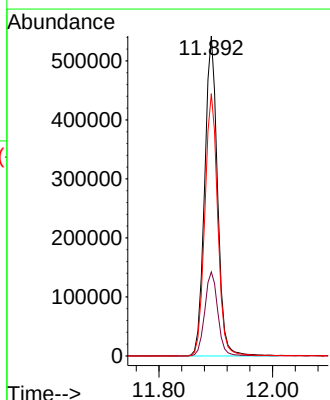
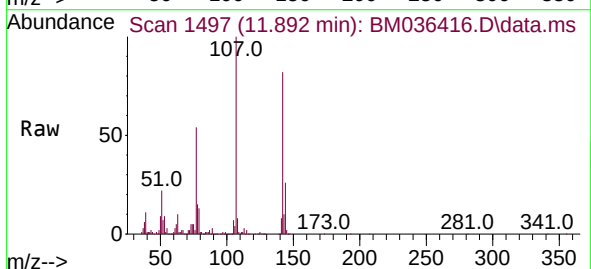
Manual Integrations
APPROVED

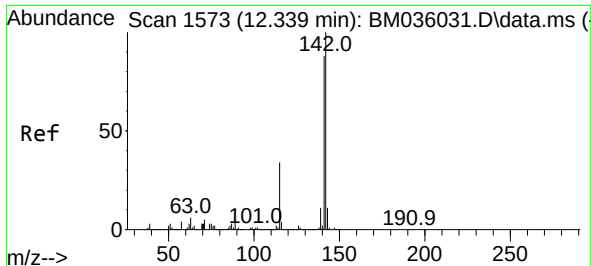
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#36
4-Chloro-3-methylphenol
Concen: 47.174 ng
RT: 11.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

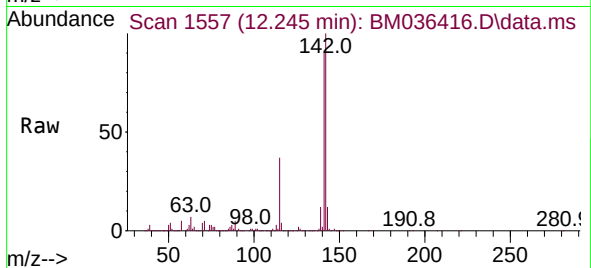
Tgt Ion:107 Resp: 852210
Ion Ratio Lower Upper
107 100
144 26.3 21.4 32.0
142 81.9 66.7 100.1





#37
2-Methylnaphthalene
Concen: 48.039 ng
RT: 12.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

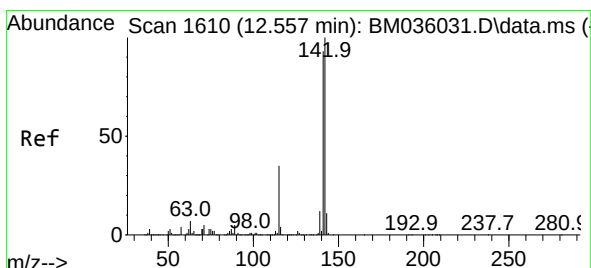
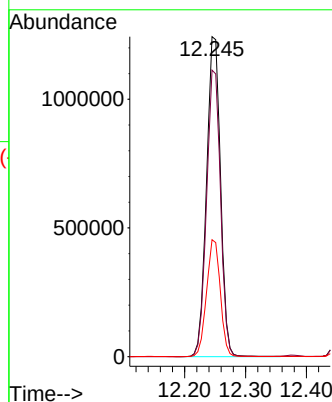
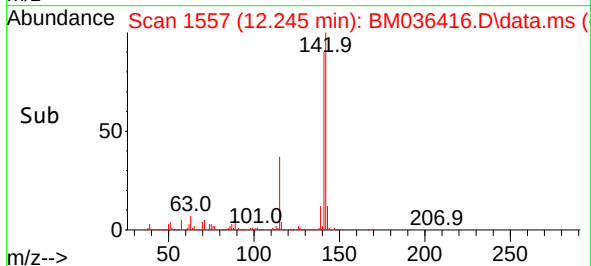
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



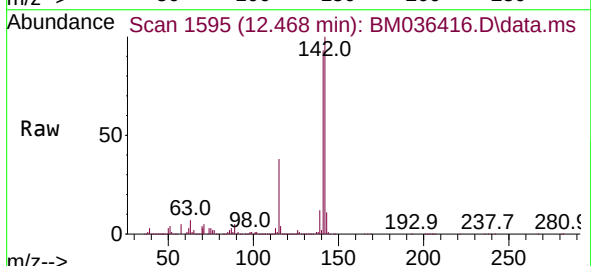
Tgt Ion:142 Resp: 197956
Ion Ratio Lower Upper
142 100
141 89.5 72.4 108.6
115 36.5 29.6 44.4

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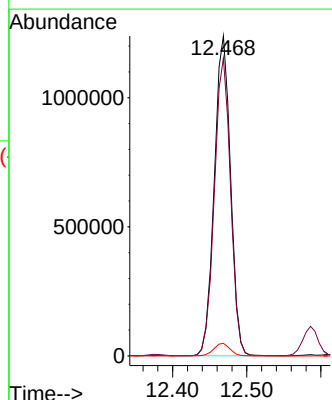
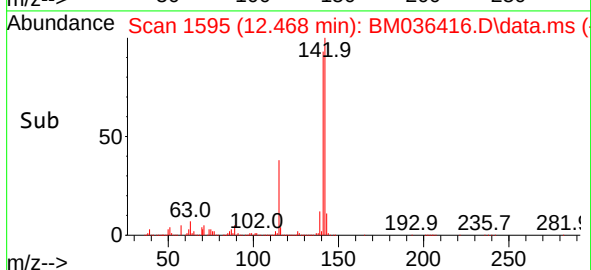
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

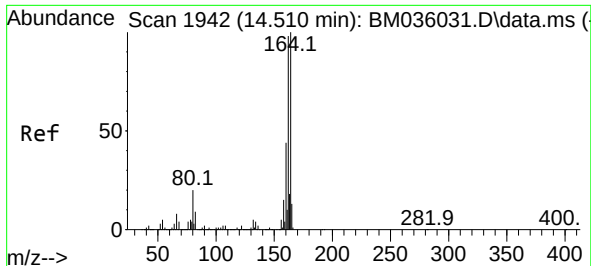


#38
1-Methylnaphthalene
Concen: 46.831 ng
RT: 12.468 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06



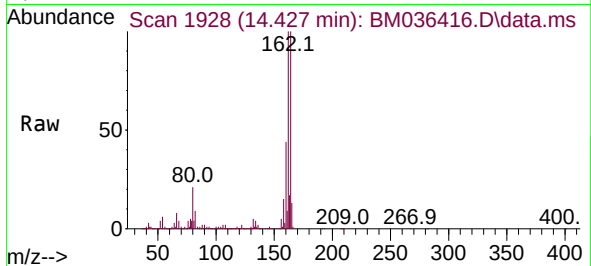
Tgt Ion:142 Resp: 1889808
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4
116 3.9 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

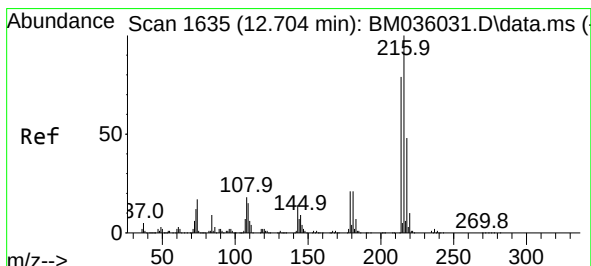
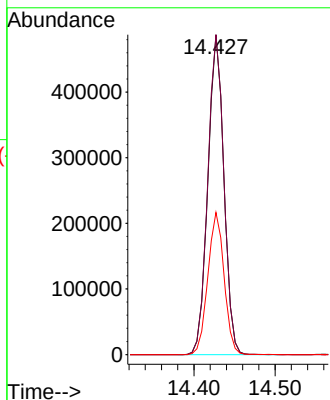
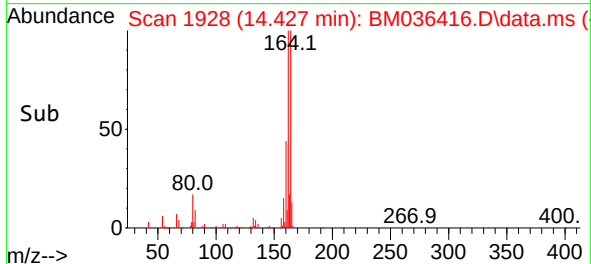
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



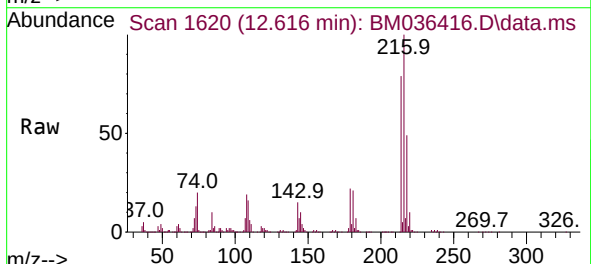
Tgt Ion:164 Resp: 668282
Ion Ratio Lower Upper
164 100
162 100.1 83.0 124.6
160 44.5 37.0 55.4

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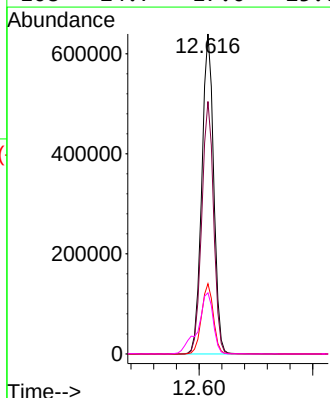
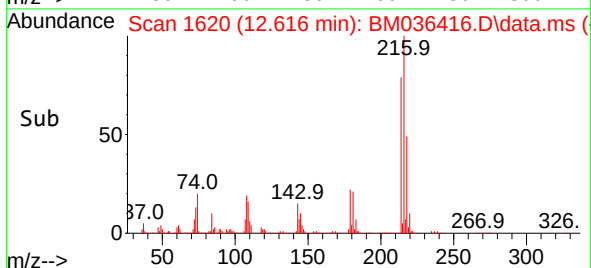
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

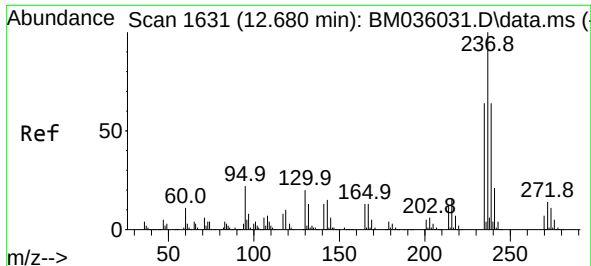


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.197 ng
RT: 12.616 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06



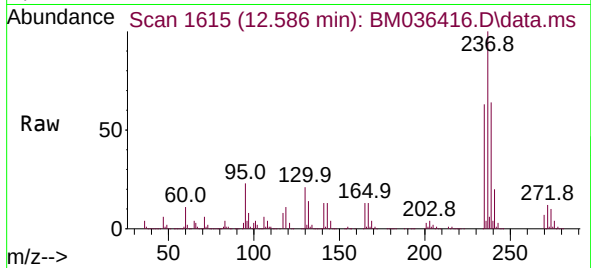
Tgt Ion:216 Resp: 927579
Ion Ratio Lower Upper
216 100
214 78.7 62.6 94.0
179 21.8 18.2 27.2
108 24.7 17.0 25.6





#41
Hexachlorocyclopentadiene
Concen: 125.378 ng
RT: 12.586 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

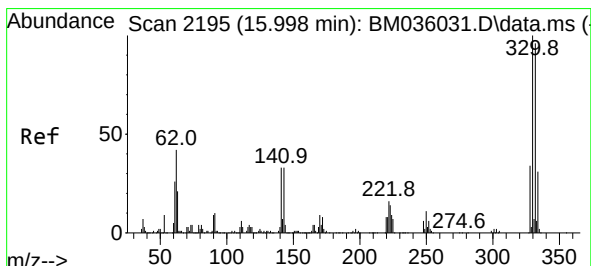
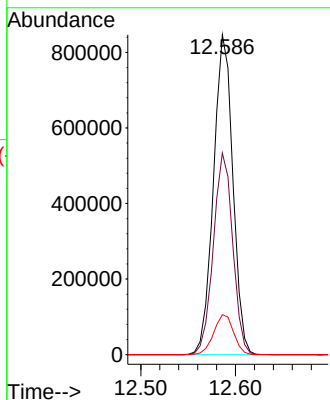
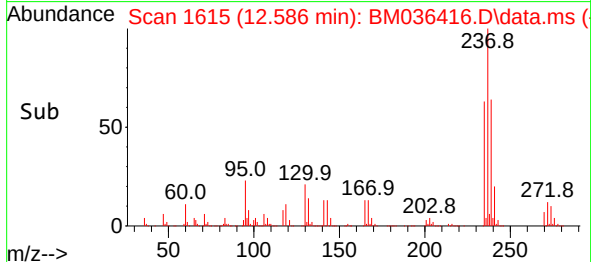
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion: 237 Resp: 1203095
Ion Ratio Lower Upper
237 100
235 63.0 43.8 83.8
272 12.5 0.0 32.5

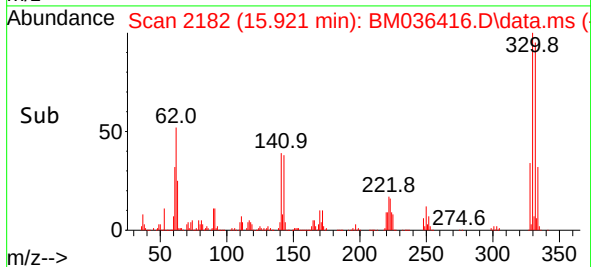
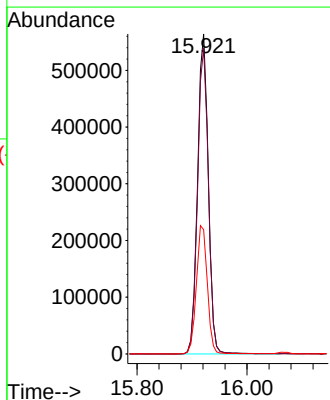
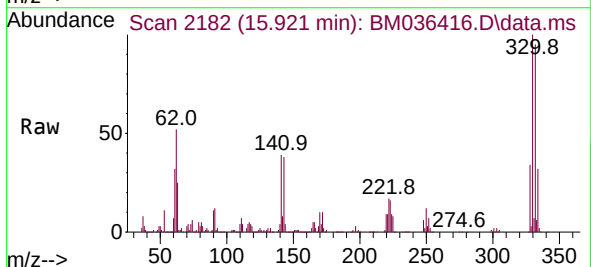
Manual Integrations
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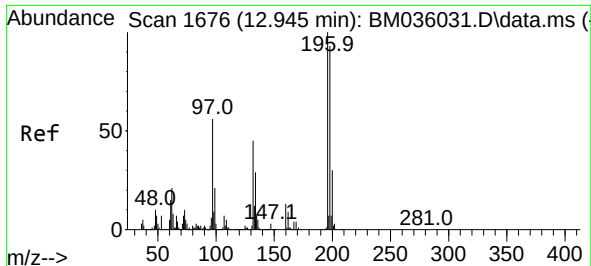
Reviewed By : Christian Giraldo 08/26/2022
Supervised By : Jagrut Upadhyay 08/26/2022



#42
2,4,6-Tribromophenol
Concen: 97.581 ng
RT: 15.921 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

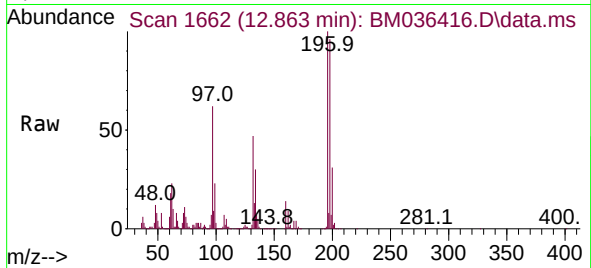
Tgt Ion: 330 Resp: 765021
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 40.9 35.3 52.9





#43
2,4,6-Trichlorophenol
Concen: 49.506 ng
RT: 12.863 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

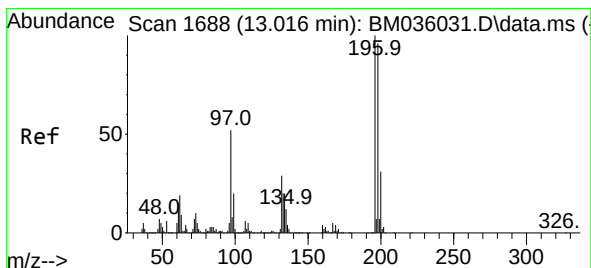
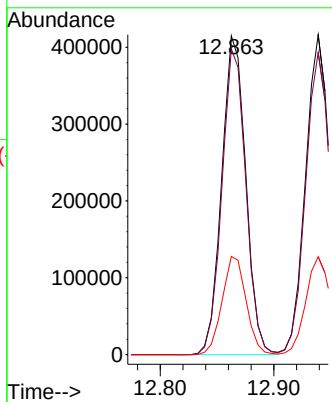
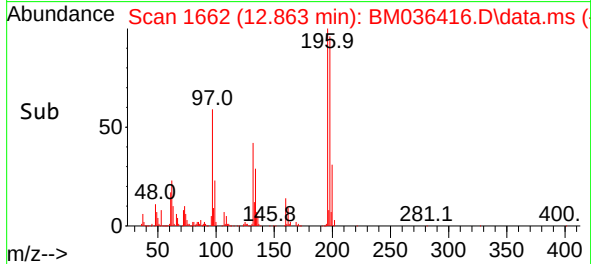
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



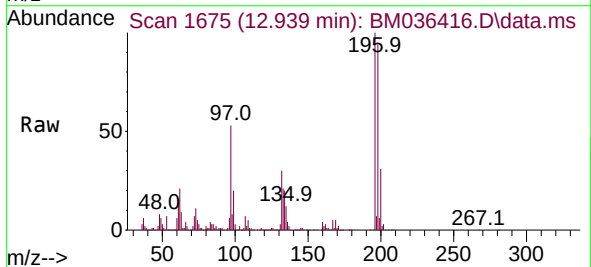
Tgt Ion:196 Resp: 610330
Ion Ratio Lower Upper
196 100
198 95.9 75.8 113.6
200 30.8 24.9 37.3

Manual Integrations
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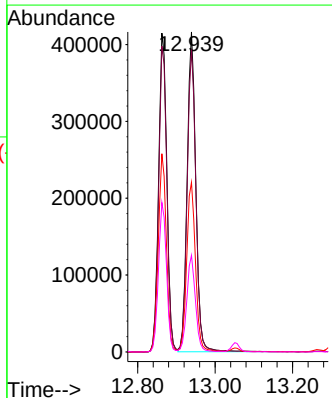
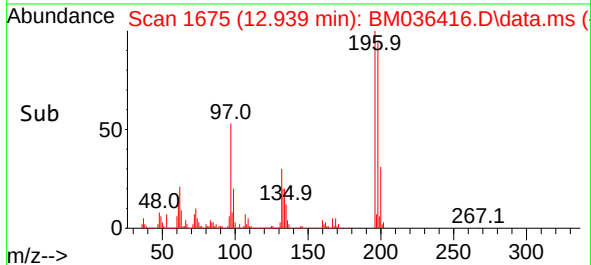
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

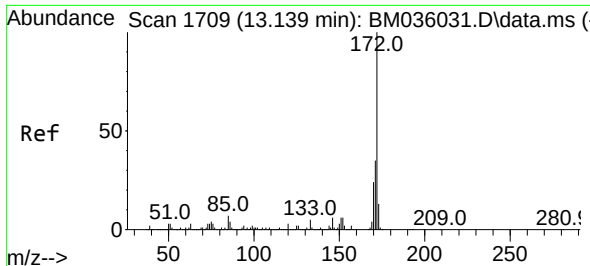


#44
2,4,5-Trichlorophenol
Concen: 49.927 ng
RT: 12.939 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06



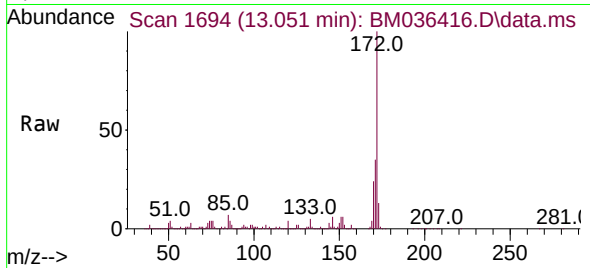
Tgt Ion:196 Resp: 649759
Ion Ratio Lower Upper
196 100
198 94.4 77.8 116.6
97 53.0 43.4 65.2
132 30.2 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 72.338 ng
RT: 13.051 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

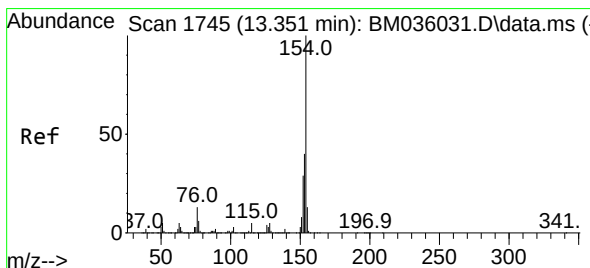
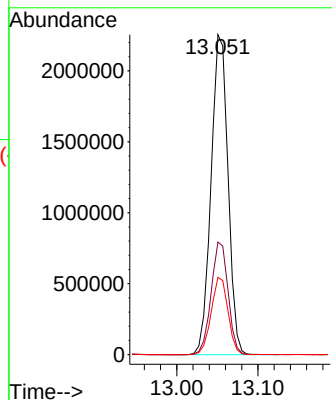
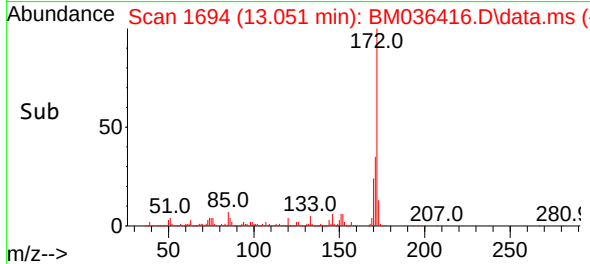
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



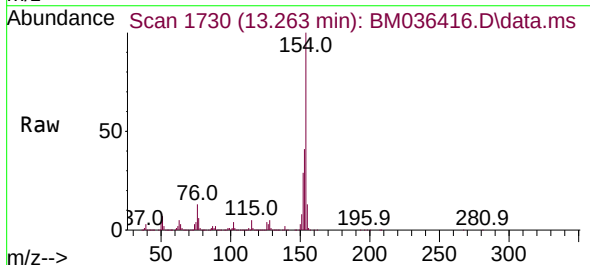
Tgt Ion:172 Resp: 3274179
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.1 18.7 28.1

Manual Integrations
APPROVED

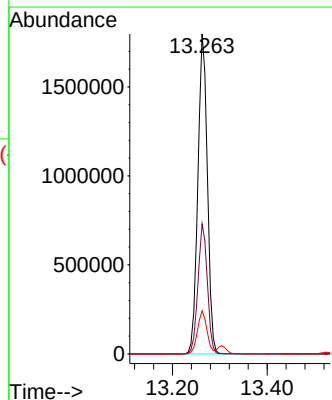
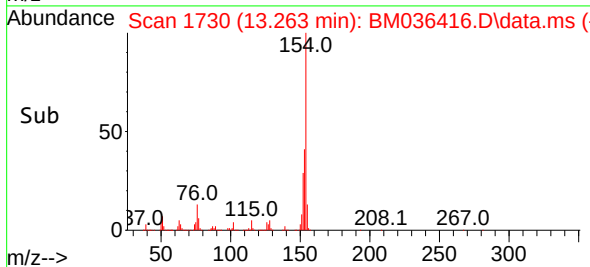
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

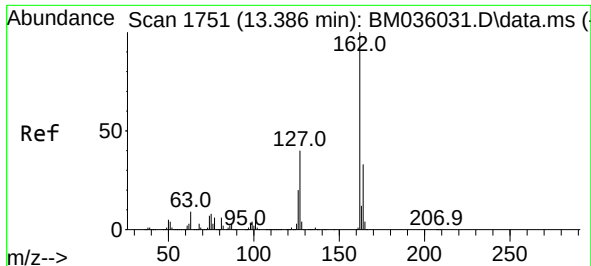


#46
1,1'-Biphenyl
Concen: 51.335 ng
RT: 13.263 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06



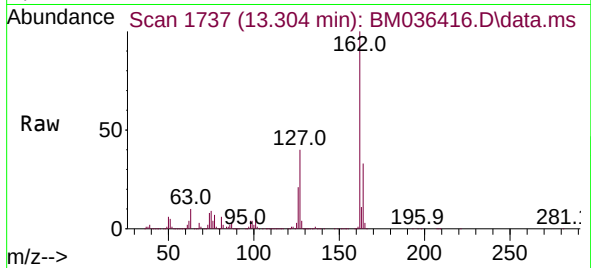
Tgt Ion:154 Resp: 2500139
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 13.5 0.0 31.8





#47
2-Chloronaphthalene
Concen: 50.279 ng
RT: 13.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

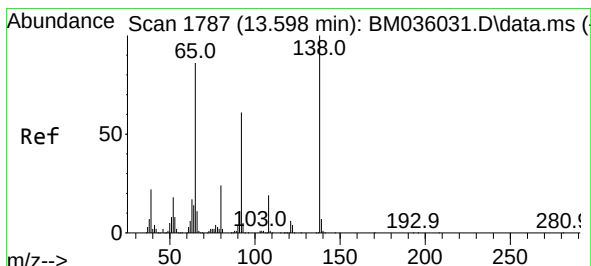
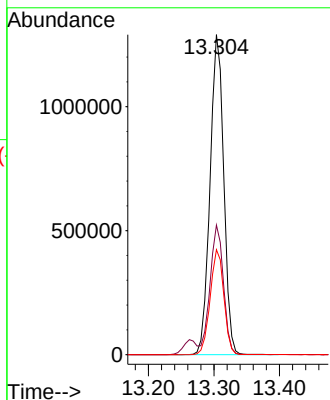
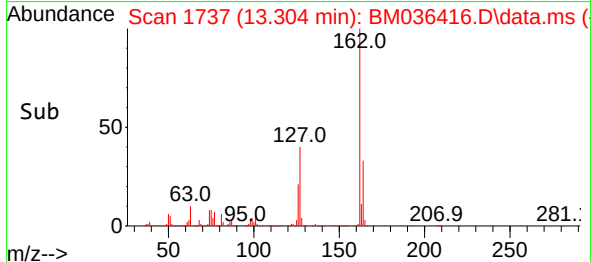
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



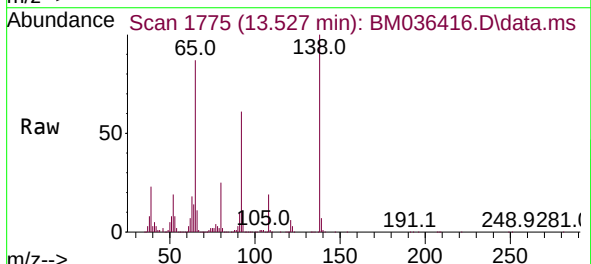
Tgt Ion:162 Resp: 1874134
Ion Ratio Lower Upper
162 100
127 40.5 30.6 45.8
164 32.8 26.6 39.8

Manual Integrations
APPROVED

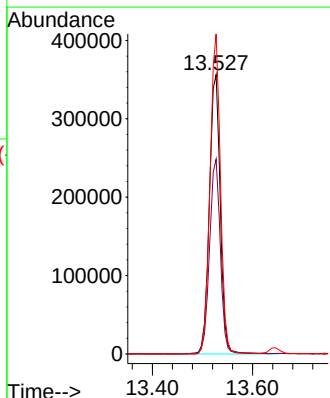
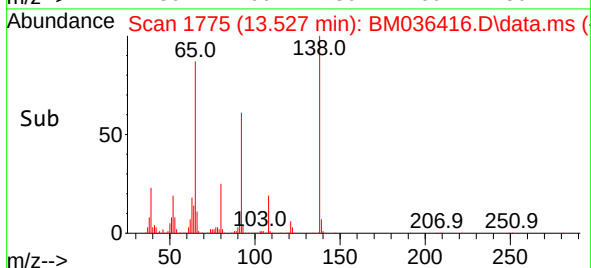
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

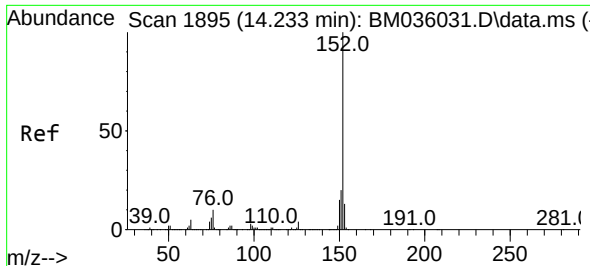


#48
2-Nitroaniline
Concen: 52.782 ng
RT: 13.527 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06



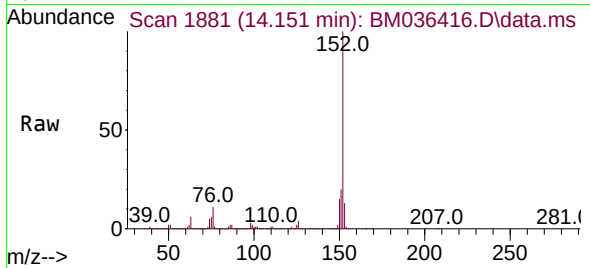
Tgt Ion: 65 Resp: 536172
Ion Ratio Lower Upper
65 100
92 69.8 53.7 80.5
138 114.6 83.9 125.9





#49
Acenaphthylene
Concen: 51.132 ng
RT: 14.151 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

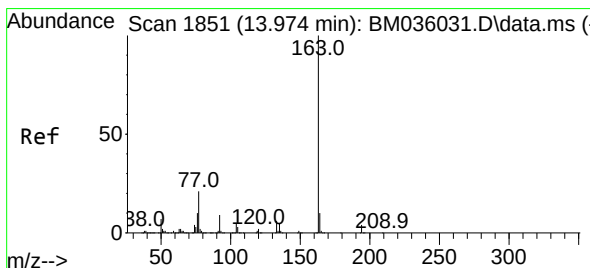
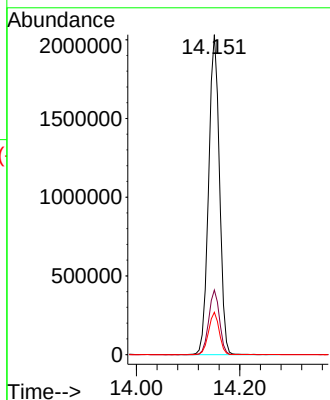
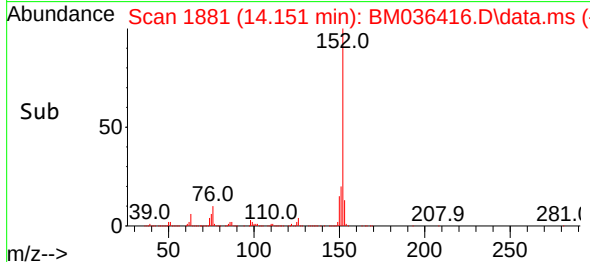
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



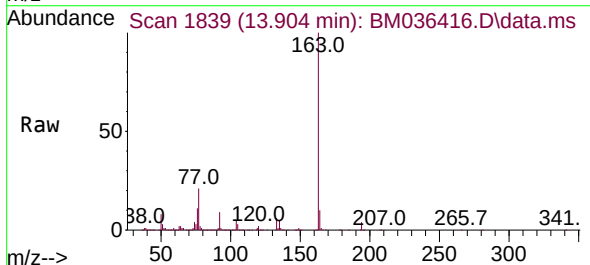
Tgt Ion:152 Resp: 2946168
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.2 10.5 15.7

Manual Integrations
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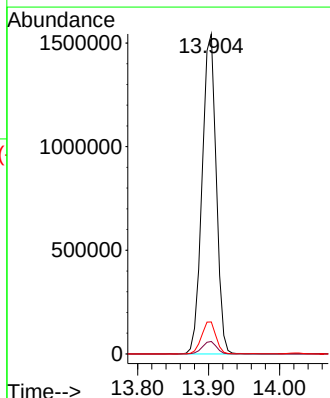
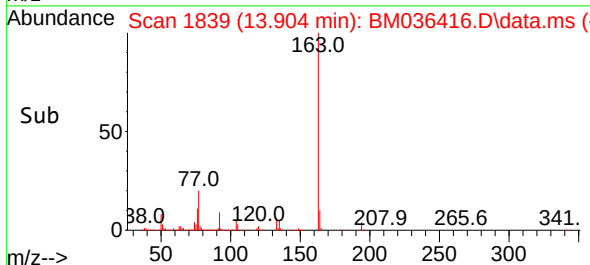
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

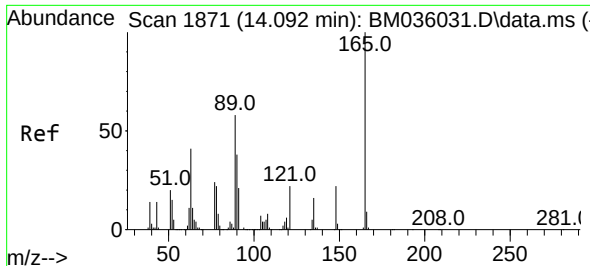


#50
Dimethylphthalate
Concen: 46.563 ng
RT: 13.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06



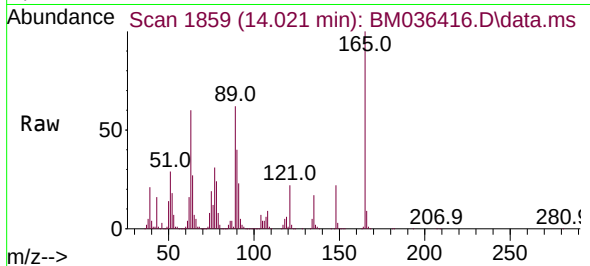
Tgt Ion:163 Resp: 2116078
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.0 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 50.508 ng
RT: 14.021 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

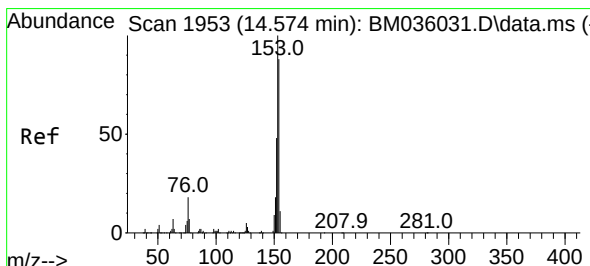
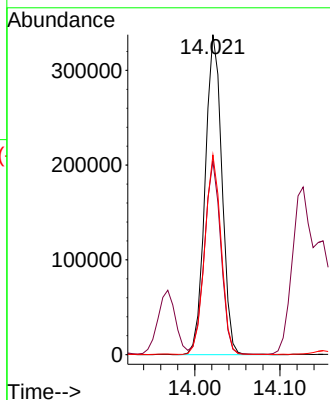
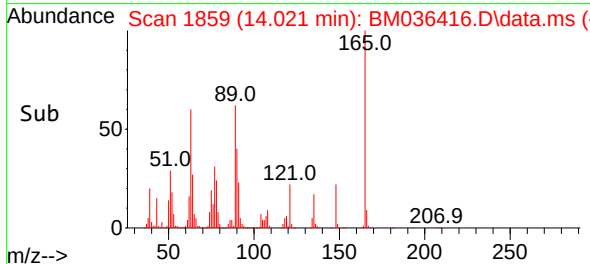
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:165 Resp: 460546
Ion Ratio Lower Upper
165 100
63 60.5 50.2 75.2
89 62.4 48.4 72.6

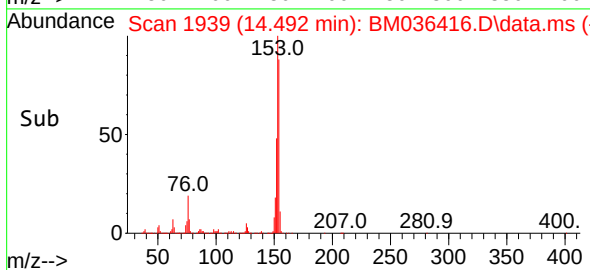
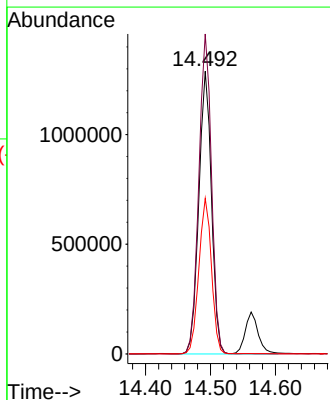
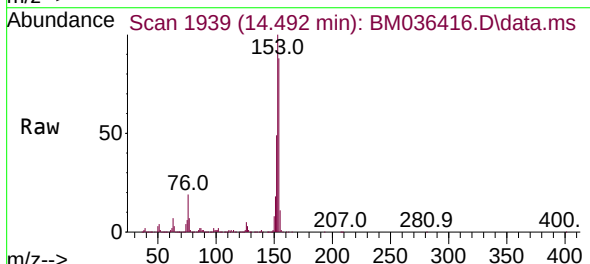
Manual Integrations
APPROVED

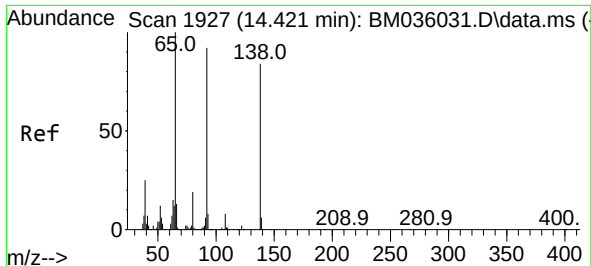
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#52
Acenaphthene
Concen: 53.044 ng m
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

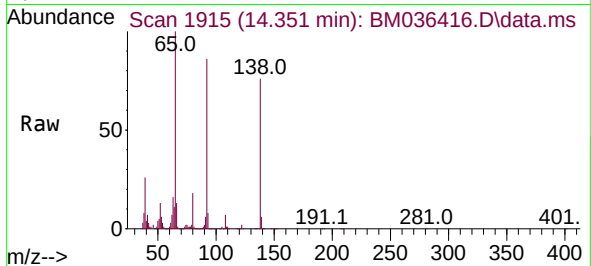
Tgt Ion:154 Resp: 1999314
Ion Ratio Lower Upper
154 100
153 113.2 91.0 136.6
152 55.0 43.4 65.2





#53
3-Nitroaniline
Concen: 35.672 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

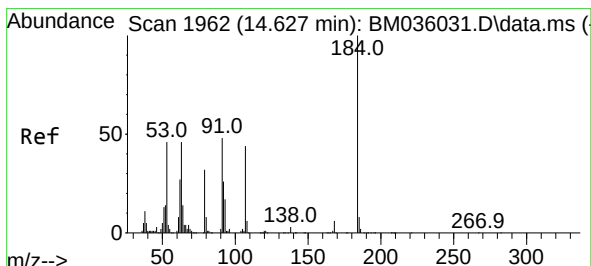
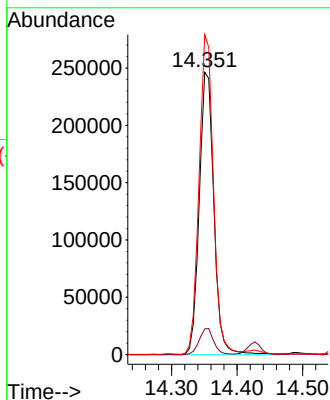
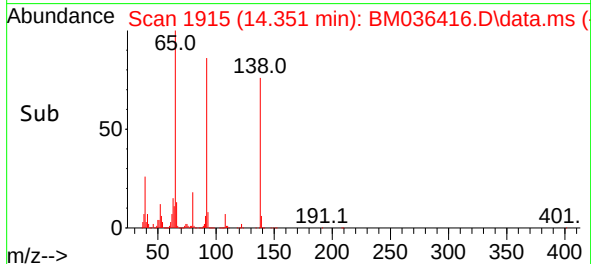
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:138 Resp: 379496
Ion Ratio Lower Upper
138 100
108 9.1 8.7 13.1
92 113.3 91.5 137.3

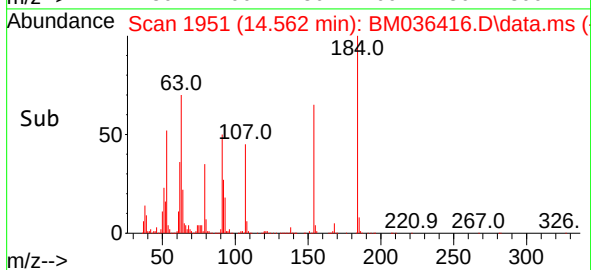
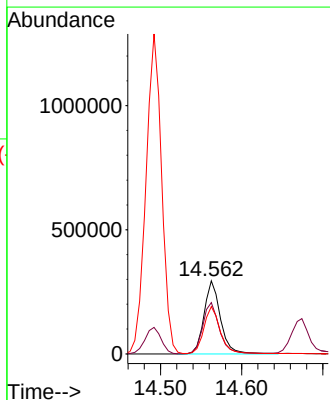
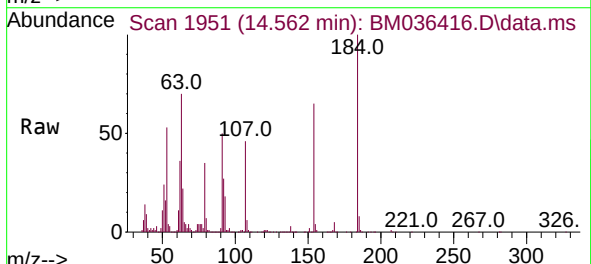
Manual Integrations
APPROVED

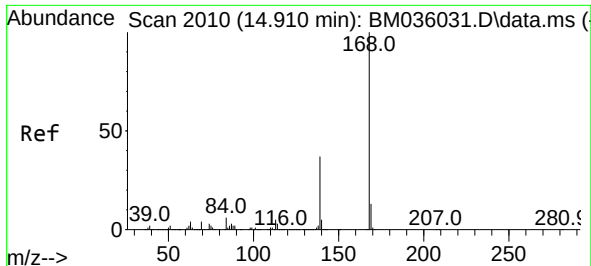
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#54
2,4-Dinitrophenol
Concen: 85.569 ng
RT: 14.562 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

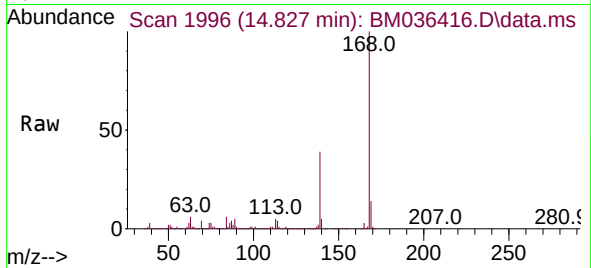
Tgt Ion:184 Resp: 412885
Ion Ratio Lower Upper
184 100
63 70.2 59.5 89.3
154 64.8 55.6 83.4





#55
Dibenzofuran
Concen: 47.374 ng
RT: 14.827 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

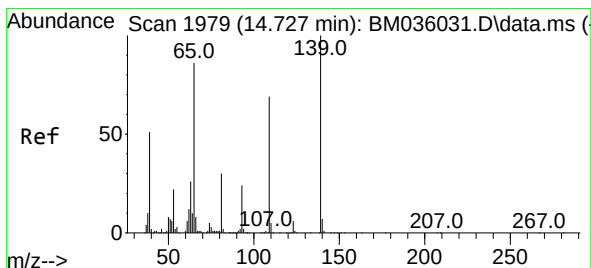
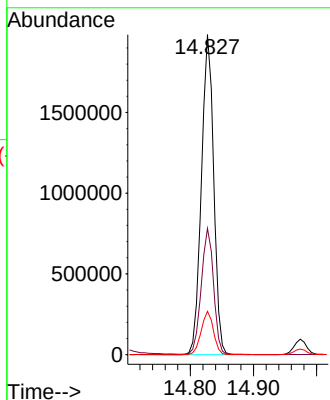
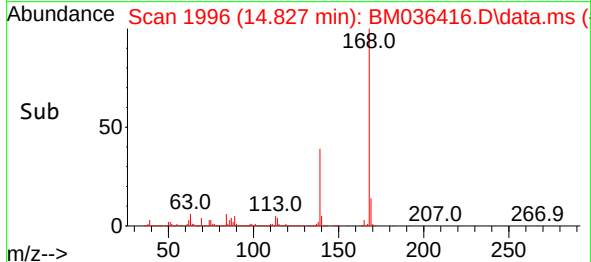
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:168 Resp: 2673955
Ion Ratio Lower Upper
168 100
139 39.4 32.2 48.2
169 13.5 10.6 16.0

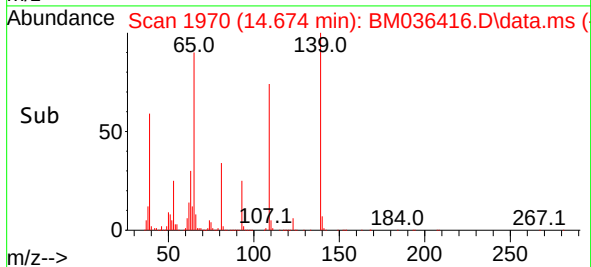
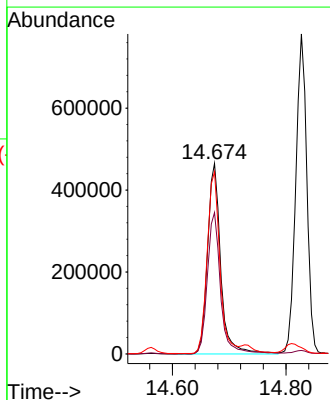
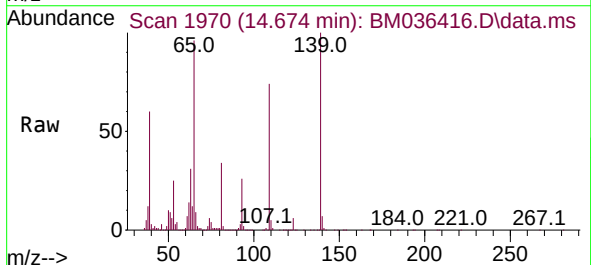
Manual Integrations
APPROVED

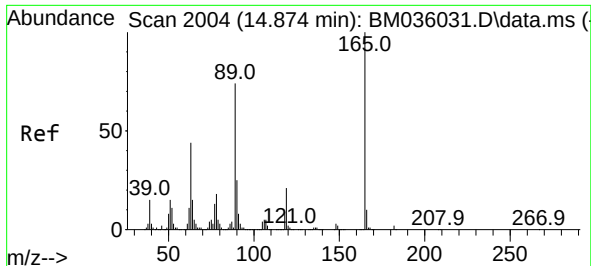
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#56
4-Nitrophenol
Concen: 88.208 ng
RT: 14.674 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

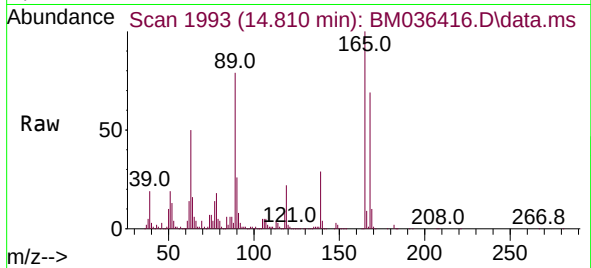
Tgt Ion:139 Resp: 750943
Ion Ratio Lower Upper
139 100
109 74.3 62.5 102.5
65 95.7 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 50.073 ng
RT: 14.810 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

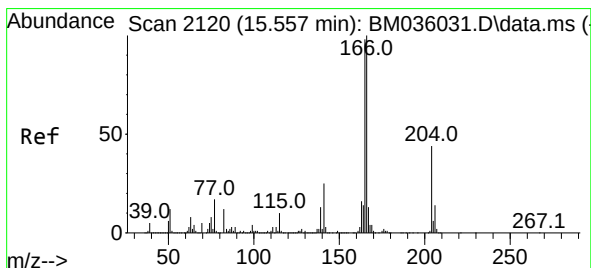
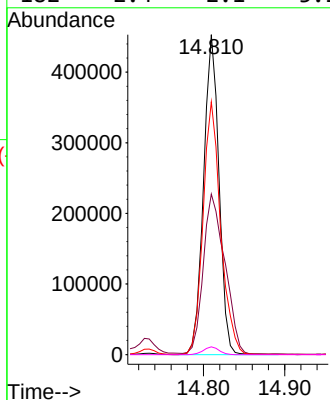
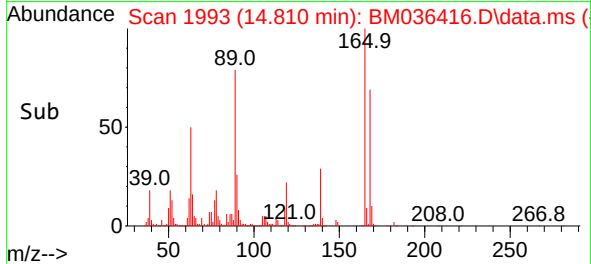
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:165 Resp: 598452
Ion Ratio Lower Upper
165 100
63 50.2 35.6 53.4
89 79.0 57.3 85.9
182 2.4 2.1 3.1

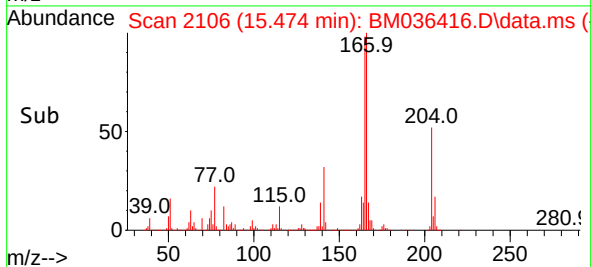
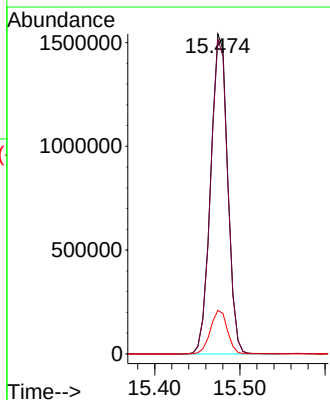
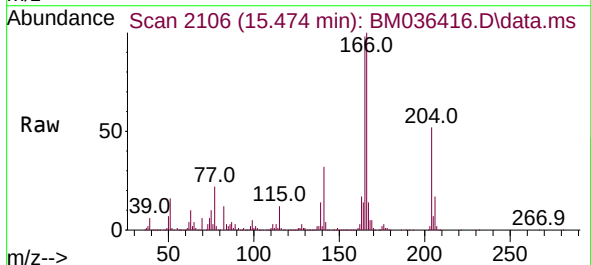
Manual Integrations
APPROVED

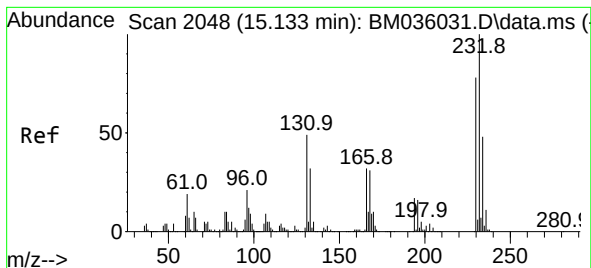
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#58
Fluorene
Concen: 48.001 ng
RT: 15.474 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

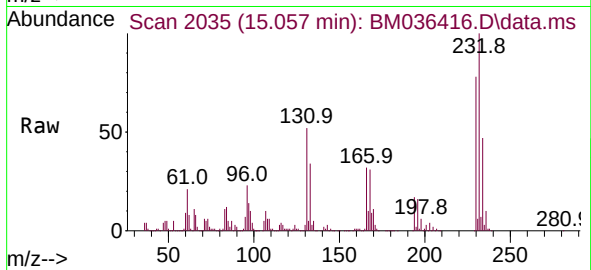
Tgt Ion:166 Resp: 2137169
Ion Ratio Lower Upper
166 100
165 98.3 79.4 119.2
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.737 ng
RT: 15.057 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

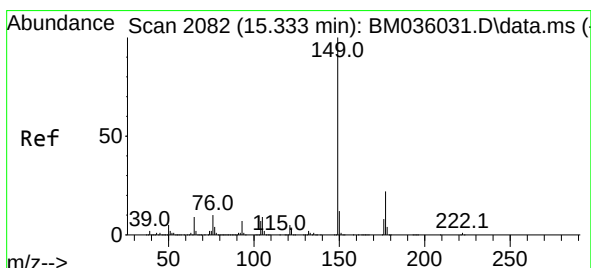
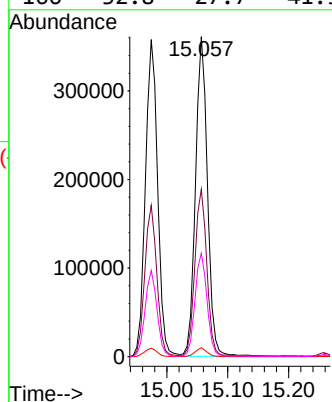
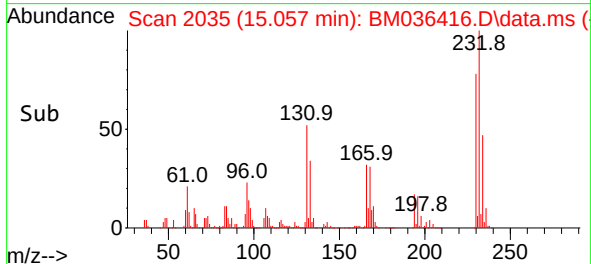
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



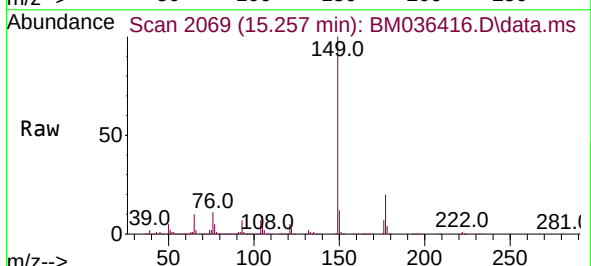
Tgt Ion:232 Resp: 493189
Ion Ratio Lower Upper
232 100
131 52.4 41.0 61.6
130 2.7 2.3 3.5
166 32.8 27.7 41.5

Manual Integrations
APPROVED

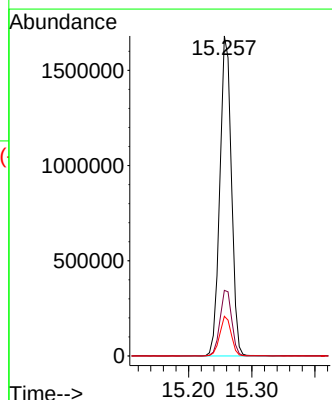
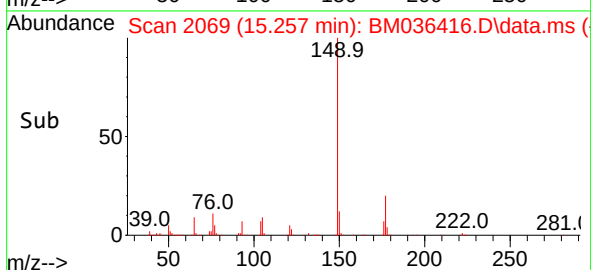
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

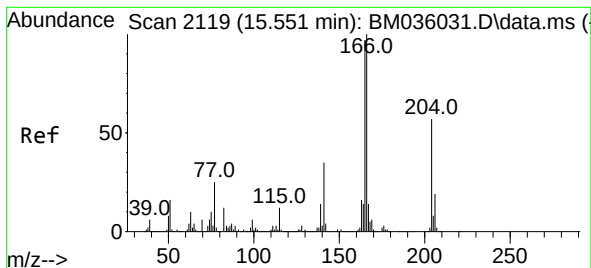


#60
Diethylphthalate
Concen: 45.669 ng
RT: 15.257 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06



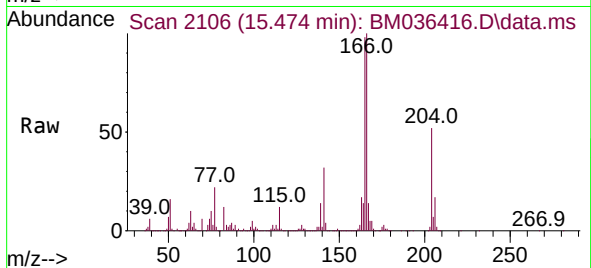
Tgt Ion:149 Resp: 2132850
Ion Ratio Lower Upper
149 100
177 20.5 16.9 25.3
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.264 ng
RT: 15.474 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

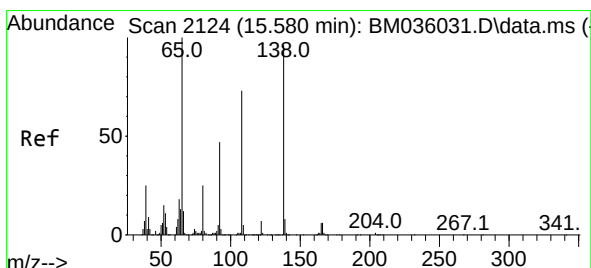
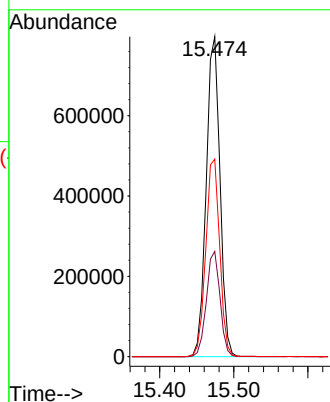
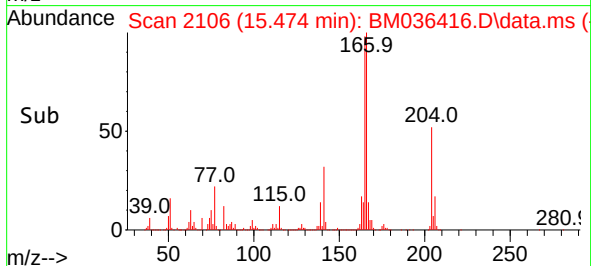
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



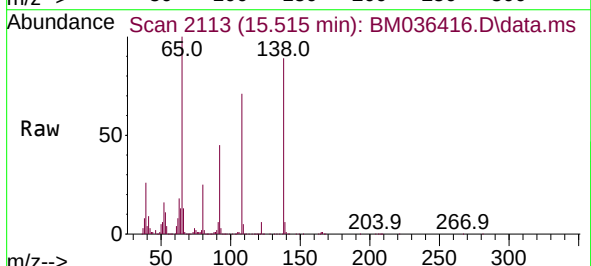
Tgt Ion:204 Resp: 1027110
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 61.7 51.2 76.8

Manual Integrations
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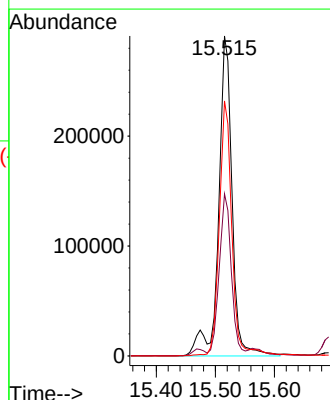
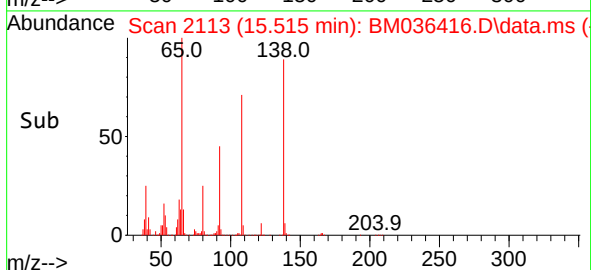
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

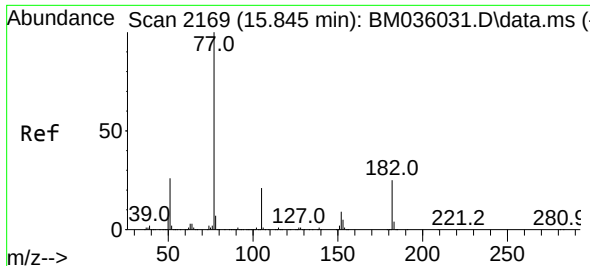


#62
4-Nitroaniline
Concen: 42.019 ng m
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06



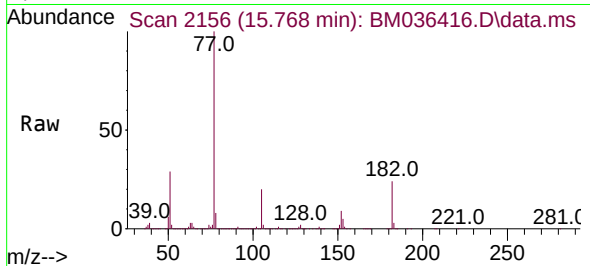
Tgt Ion:138 Resp: 459868
Ion Ratio Lower Upper
138 100
92 50.6 30.8 70.8
108 79.7 65.7 105.7





#63
Azobenzene
Concen: 48.484 ng
RT: 15.768 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

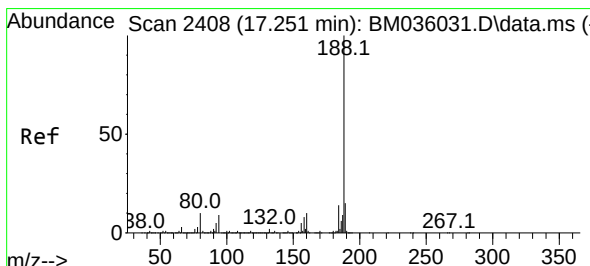
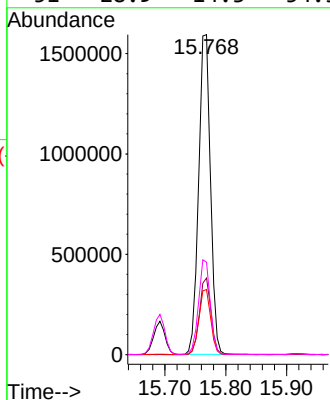
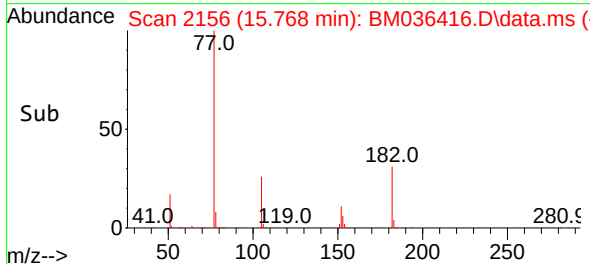
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



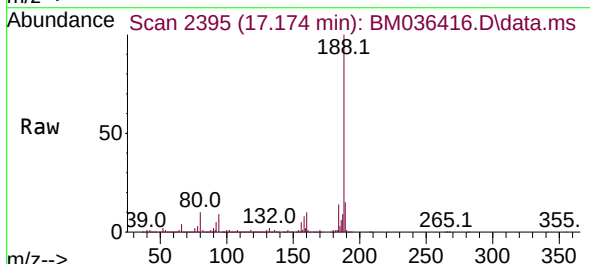
Tgt Ion: 77 Resp: 2152585
Ion Ratio Lower Upper
77 100
182 23.9 4.9 44.9
105 20.3 0.0 39.6
51 28.9 14.3 54.3

Manual Integrations
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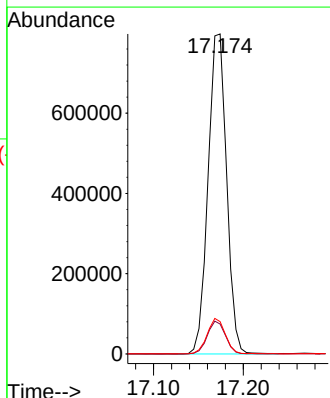
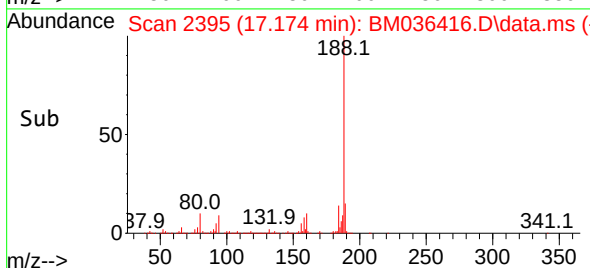
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

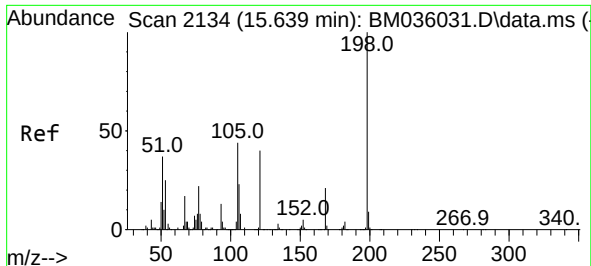


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06



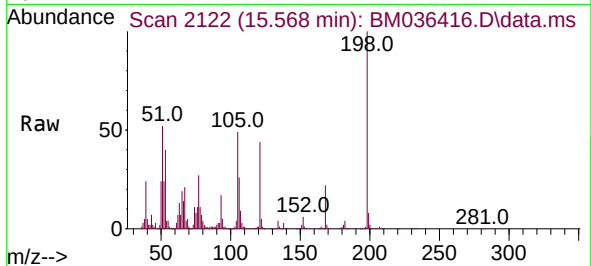
Tgt Ion:188 Resp: 1143906
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.1 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 45.089 ng
RT: 15.568 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

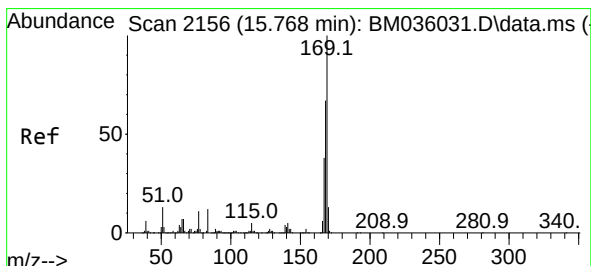
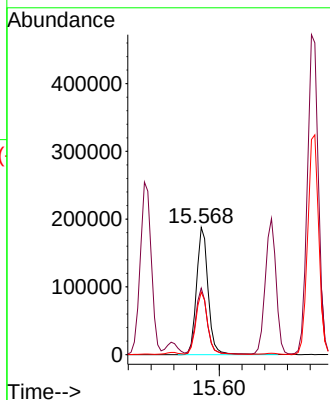
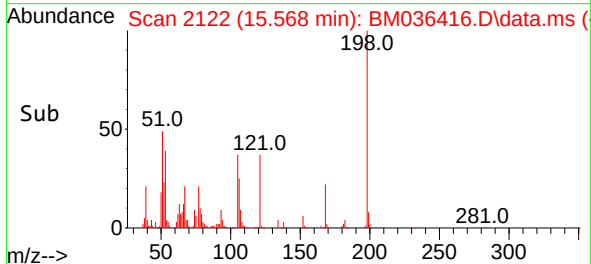
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:198 Resp: 263721
Ion Ratio Lower Upper
198 100
51 52.3 29.0 69.0
105 49.1 22.1 62.1

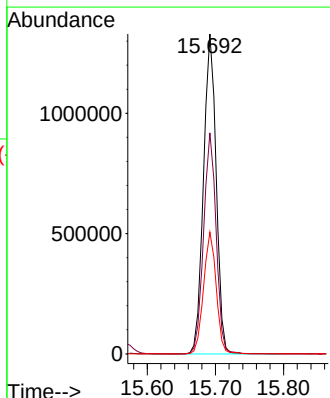
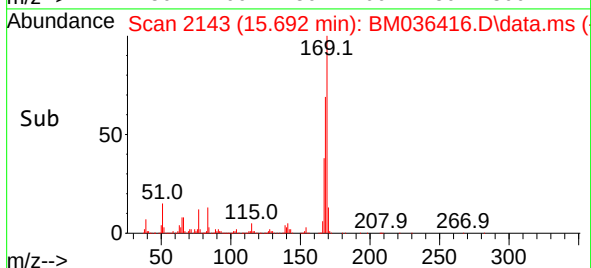
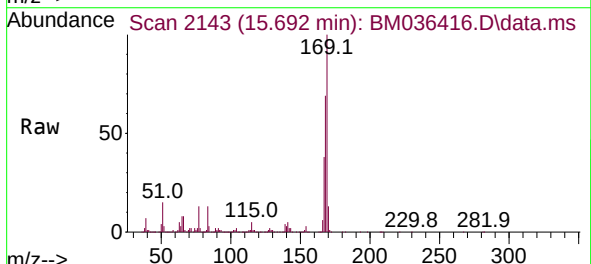
Manual Integrations
APPROVED

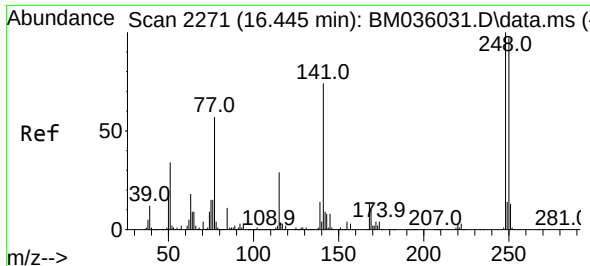
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#66
n-Nitrosodiphenylamine
Concen: 53.407 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

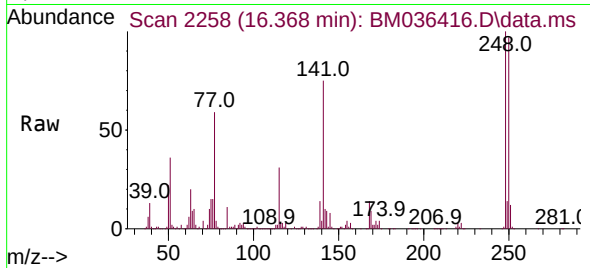
Tgt Ion:169 Resp: 1724620
Ion Ratio Lower Upper
169 100
168 69.1 54.3 81.5
167 38.0 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 51.007 ng
RT: 16.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

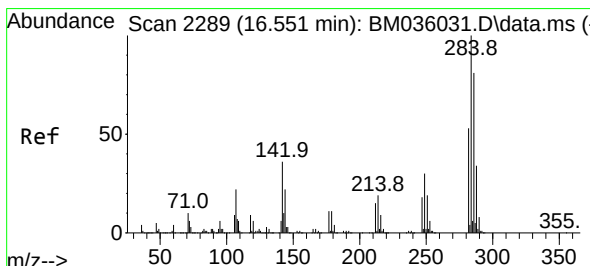
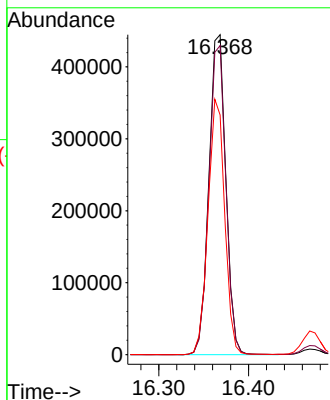
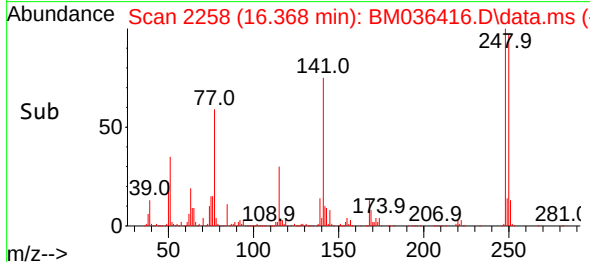
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:248 Resp: 583626
Ion Ratio Lower Upper
248 100
250 96.6 78.0 117.0
141 74.9 66.0 99.0

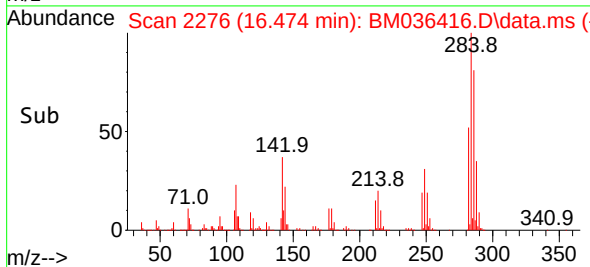
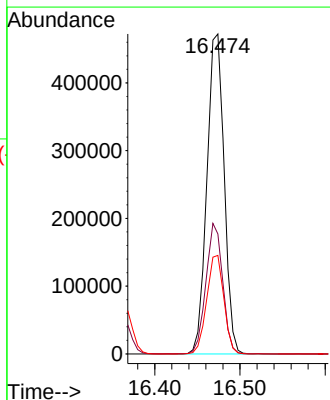
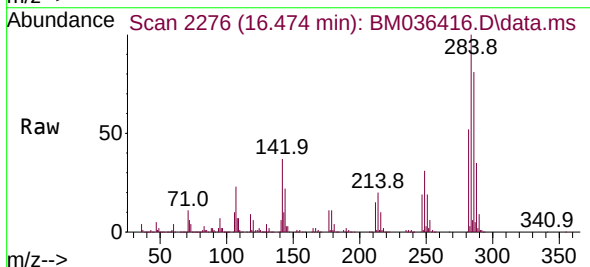
Manual Integrations
APPROVED

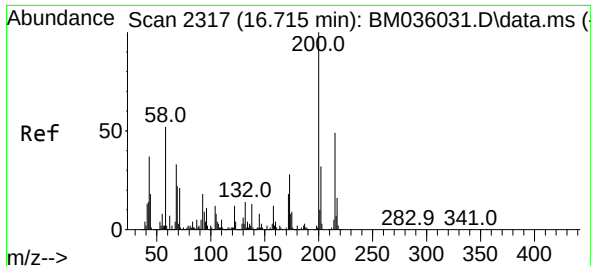
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#68
Hexachlorobenzene
Concen: 50.465 ng
RT: 16.474 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

Tgt Ion:284 Resp: 662524
Ion Ratio Lower Upper
284 100
142 37.5 33.6 50.4
249 30.8 26.2 39.2





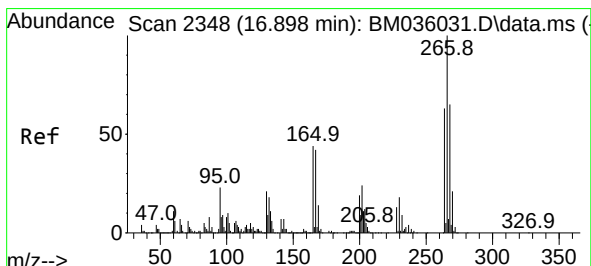
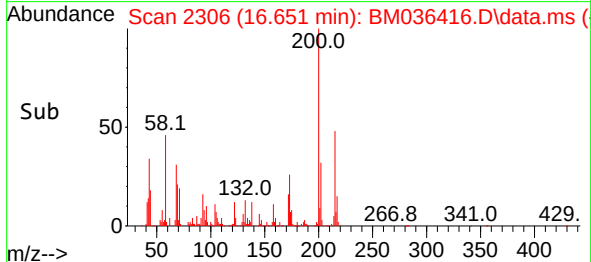
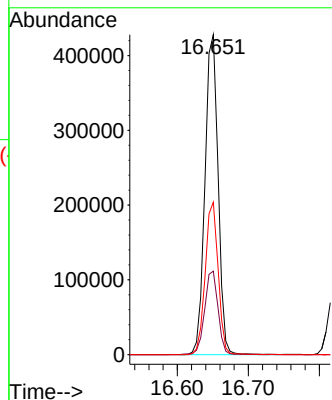
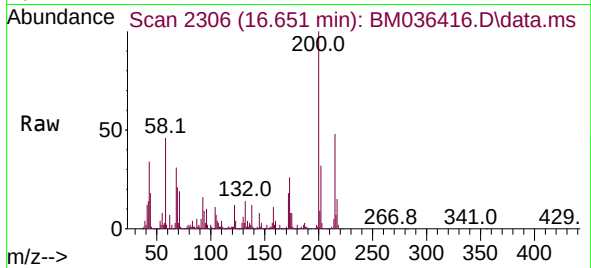
#69
Atrazine
Concen: 60.470 ng
RT: 16.651 min Scan# 2317
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD

Tgt Ion:200 Resp: 546394
Ion Ratio Lower Upper
200 100
173 26.1 6.6 46.6
215 47.6 26.2 66.2

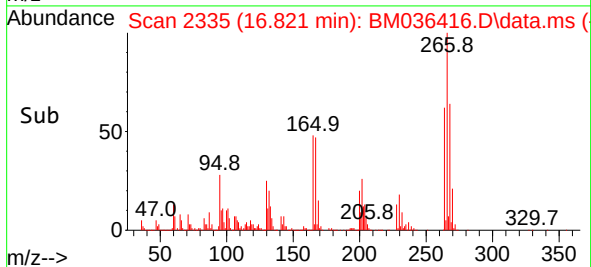
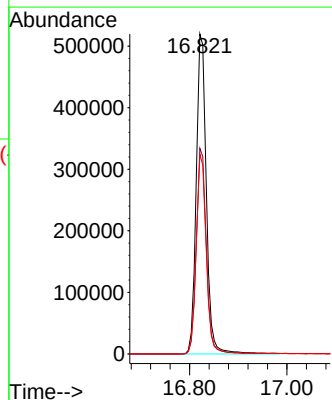
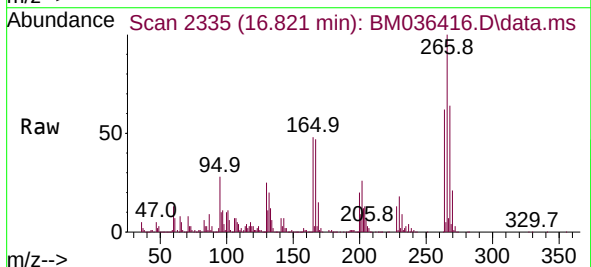
Manual Integrations
APPROVED

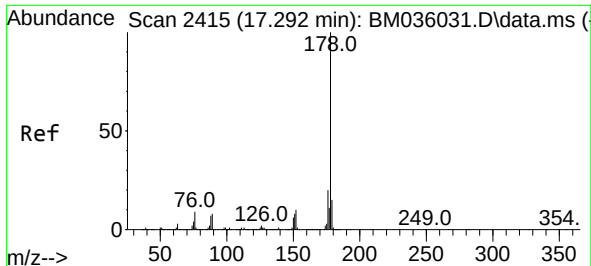
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#70
Pentachlorophenol
Concen: 96.923 ng
RT: 16.821 min Scan# 2335
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

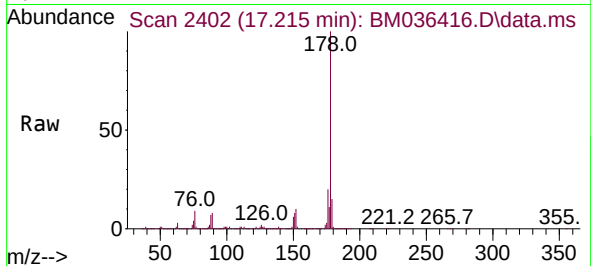
Tgt Ion:266 Resp: 745228
Ion Ratio Lower Upper
266 100
268 64.2 51.9 77.9
264 62.5 50.6 76.0





#71
Phenanthrene
Concen: 49.926 ng
RT: 17.215 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

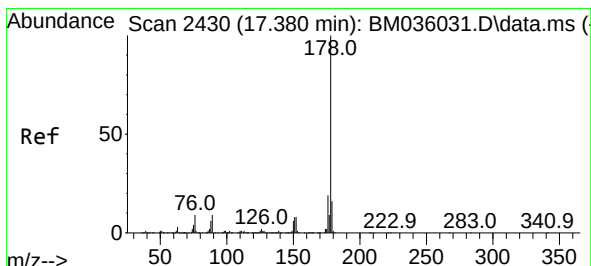
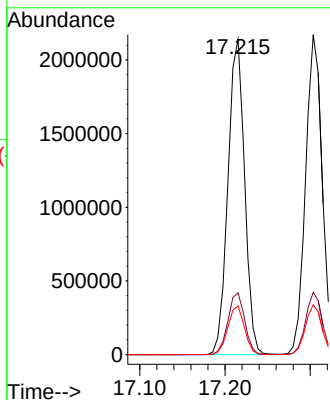
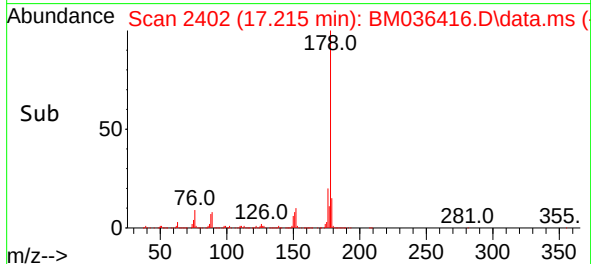
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:178 Resp: 2909556
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.4 12.4 18.6

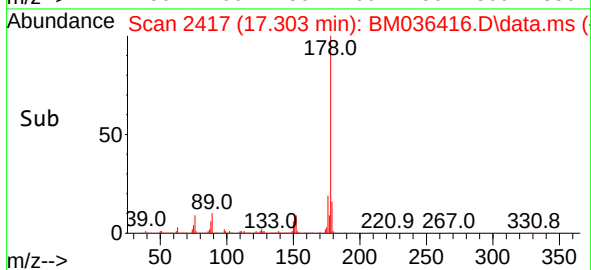
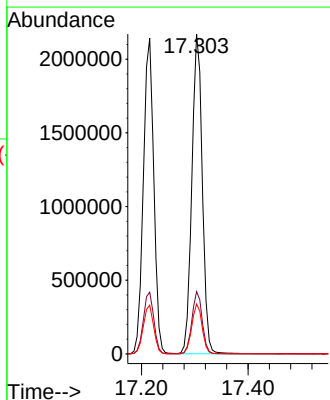
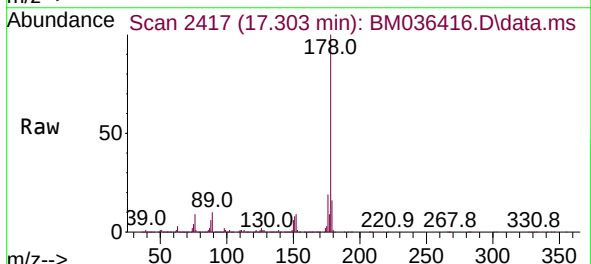
Manual Integrations
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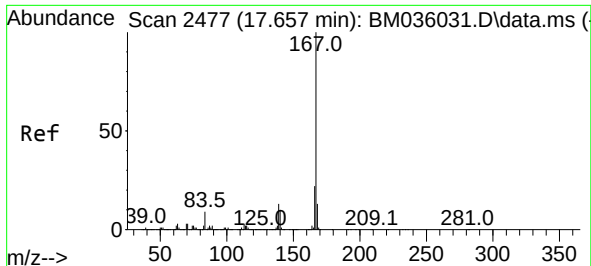
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#72
Anthracene
Concen: 52.358 ng
RT: 17.303 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

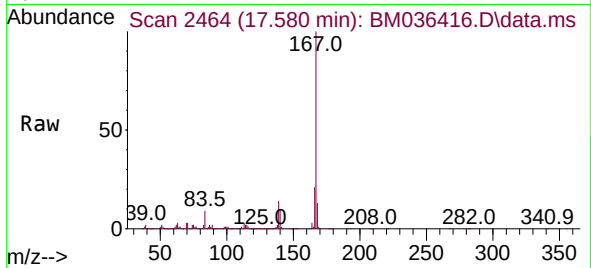
Tgt Ion:178 Resp: 2954118
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 15.6 12.2 18.2





#73
 Carbazole
 Concen: 45.237 ng
 RT: 17.580 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM036416.D
 Acq: 25 Aug 2022 21:06

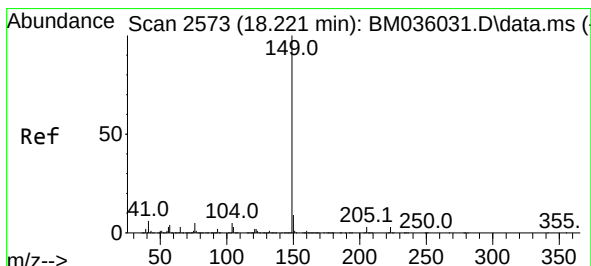
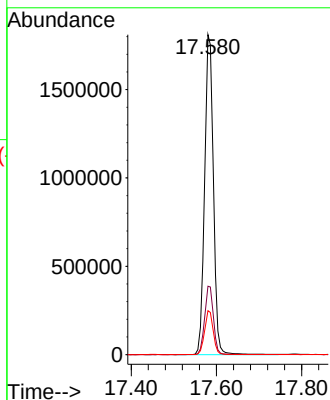
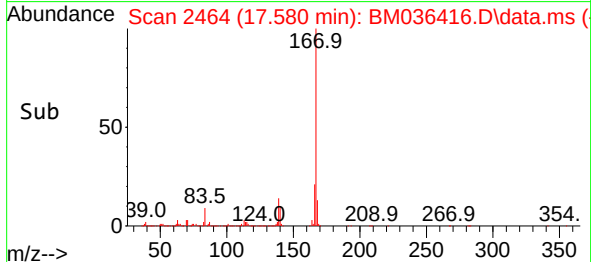
Instrument :
 BNA_M
 ClientSampleId :
 SASP2-T-4-(25-37)MSD



Tgt Ion:167 Resp: 2586102
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.8 26.8
 139 13.8 10.9 16.3

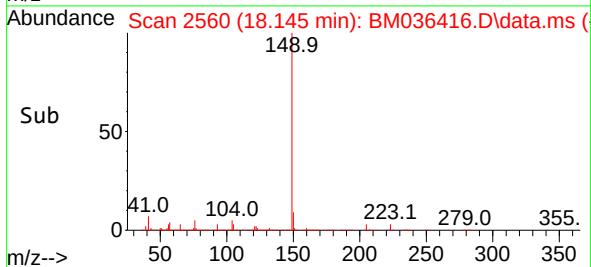
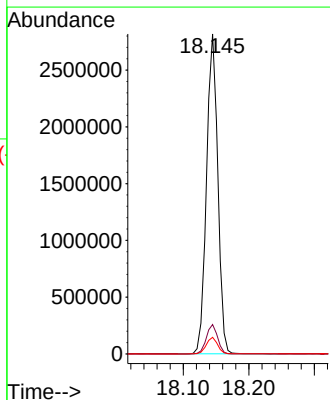
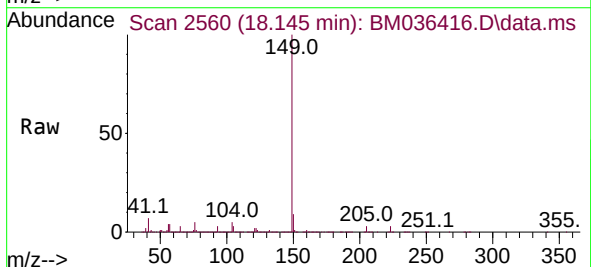
Manual Integrations
 APPROVED

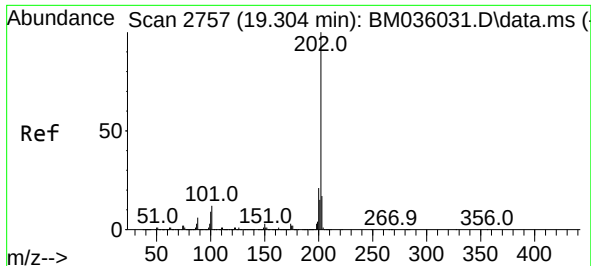
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022



#74
 Di-n-butylphthalate
 Concen: 49.165 ng
 RT: 18.145 min Scan# 2560
 Delta R.T. -0.006 min
 Lab File: BM036416.D
 Acq: 25 Aug 2022 21:06

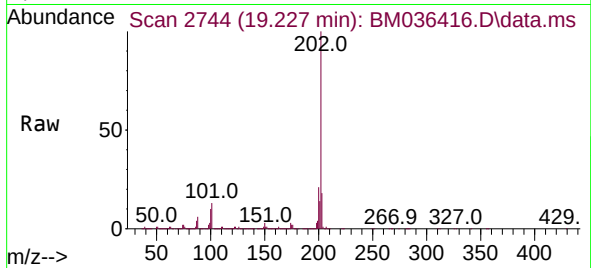
Tgt Ion:149 Resp: 3355183
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.2 4.3 6.5





#75
Fluoranthene
Concen: 44.070 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

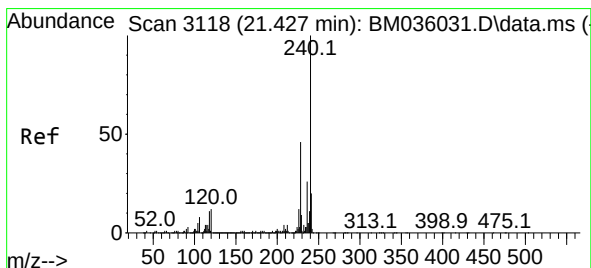
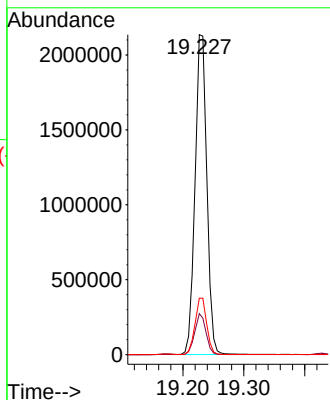
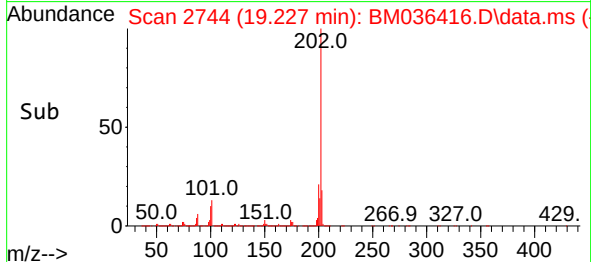
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:202 Resp: 2874931
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.6
203 17.6 0.0 37.4

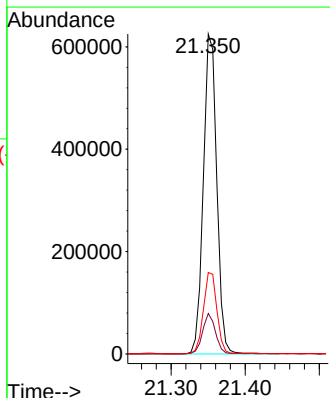
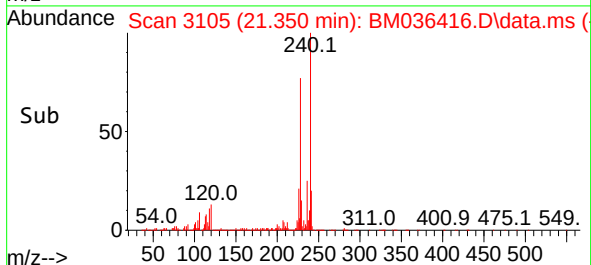
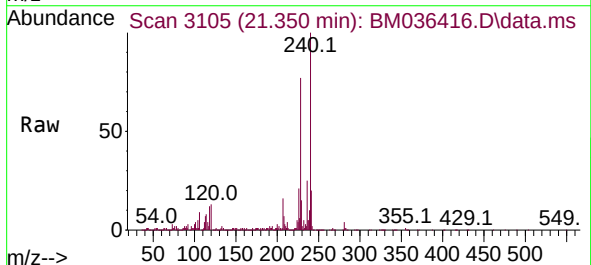
Manual Integrations
APPROVED

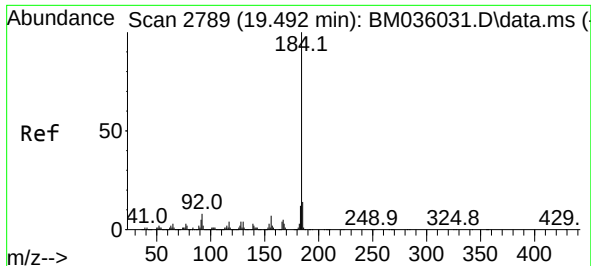
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.350 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

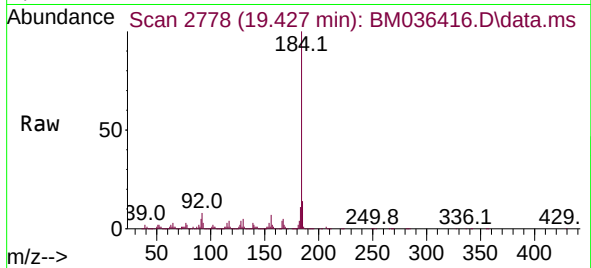
Tgt Ion:240 Resp: 784502
Ion Ratio Lower Upper
240 100
120 12.6 9.4 14.0
236 25.4 20.6 30.8





#77
Benzidine
Concen: 129.129 ng
RT: 19.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

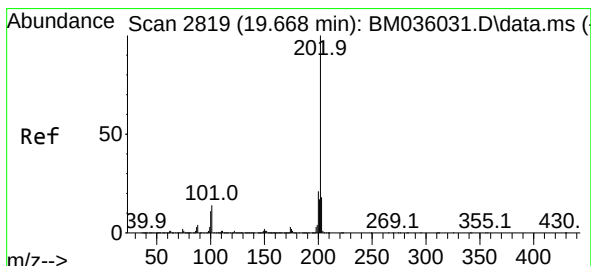
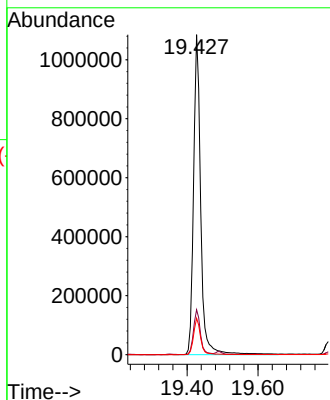
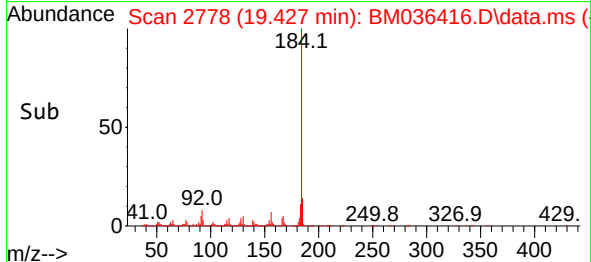
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



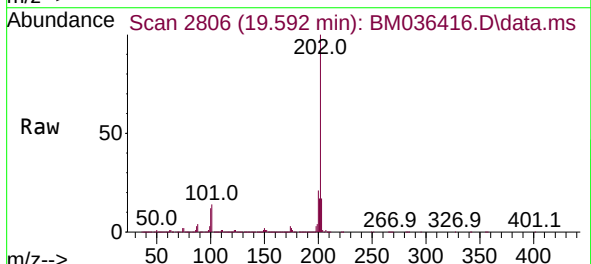
Tgt Ion:184 Resp: 1519226
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.4 9.5 14.3

Manual Integrations
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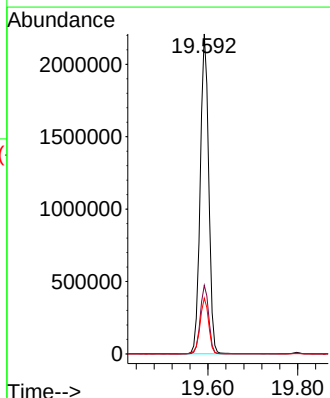
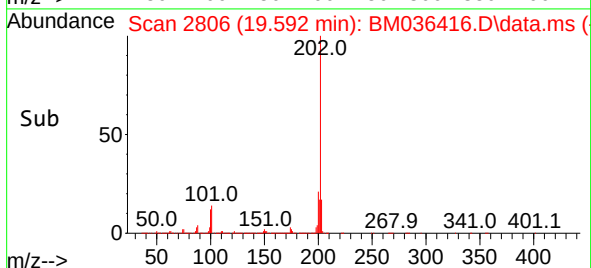
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

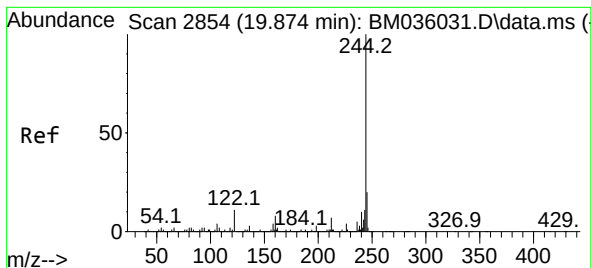


#78
Pyrene
Concen: 59.231 ng
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06



Tgt Ion:202 Resp: 2881407
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 80.844 ng

RT: 19.797 min Scan# 2854

Delta R.T. -0.006 min

Lab File: BM036416.D

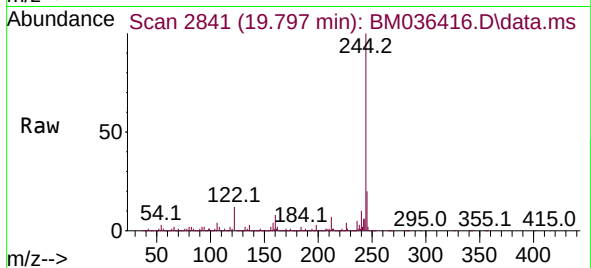
Acq: 25 Aug 2022 21:06

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(25-37)MSD



Tgt Ion:244 Resp: 3215405

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.4

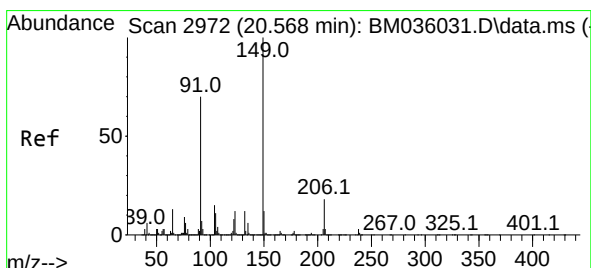
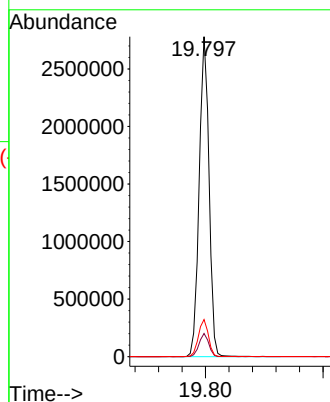
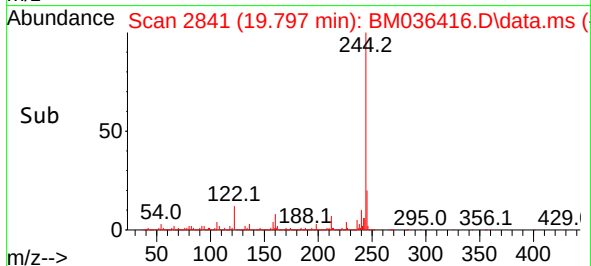
122 11.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#80

Butylbenzylphthalate

Concen: 57.251 ng

RT: 20.497 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BM036416.D

Acq: 25 Aug 2022 21:06

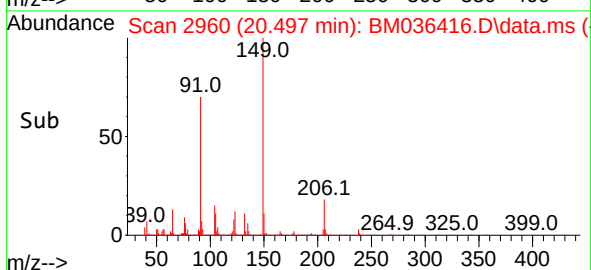
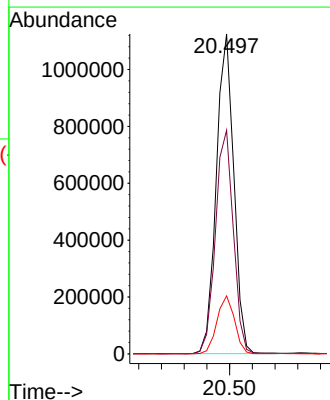
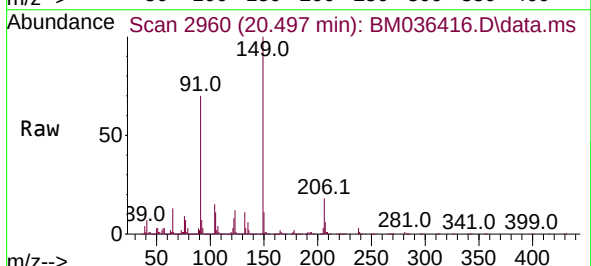
Tgt Ion:149 Resp: 1202042

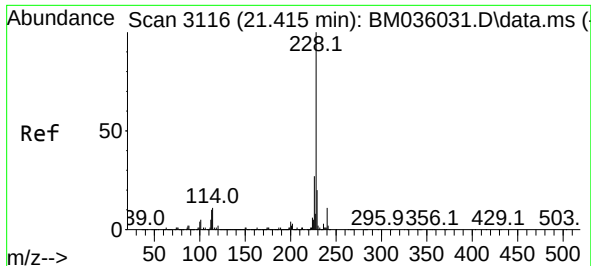
Ion Ratio Lower Upper

149 100

91 69.9 56.6 85.0

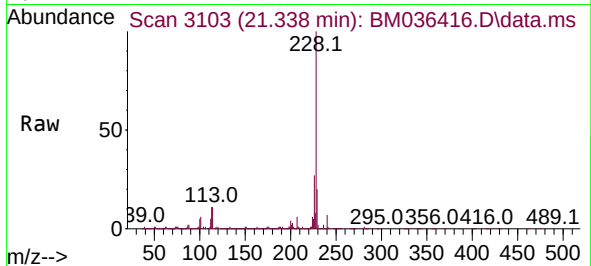
206 18.1 15.4 23.0





#81
Benzo(a)anthracene
Concen: 48.356 ng
RT: 21.338 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

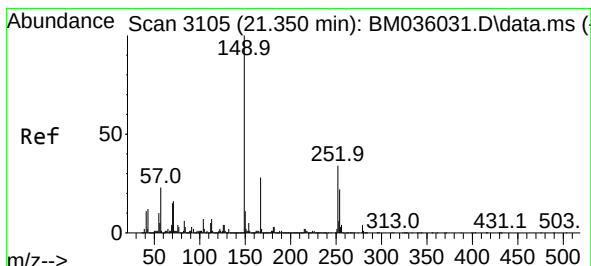
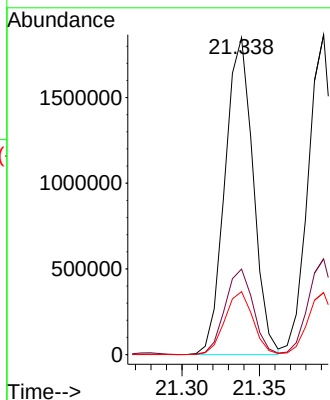
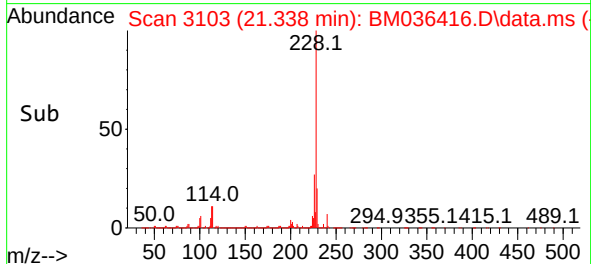
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:228 Resp: 2336587
Ion Ratio Lower Upper
228 100
226 27.0 22.3 33.5
229 19.9 15.8 23.6

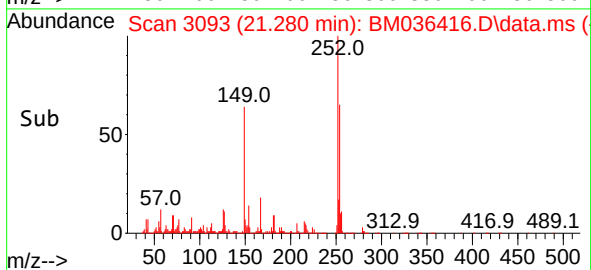
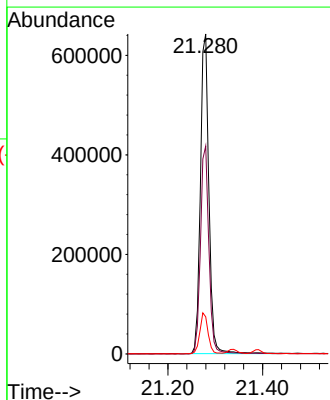
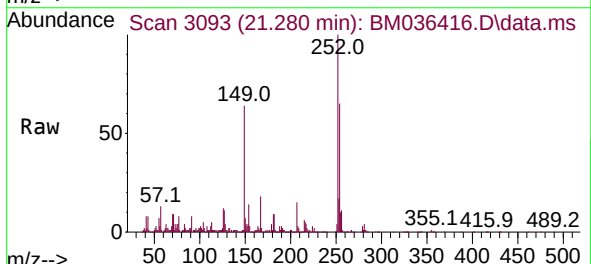
Manual Integrations
APPROVED

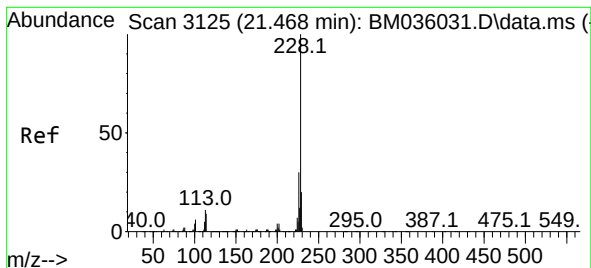
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#82
3,3'-Dichlorobenzidine
Concen: 68.019 ng
RT: 21.280 min Scan# 3093
Delta R.T. -0.000 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

Tgt Ion:252 Resp: 798067
Ion Ratio Lower Upper
252 100
254 65.0 51.7 77.5
126 11.6 9.4 14.0





#83

Chrysene

Concen: 48.174 ng

RT: 21.391 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM036416.D

Acq: 25 Aug 2022 21:06

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(25-37)MSD

Tgt Ion:228 Resp: 2212788

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

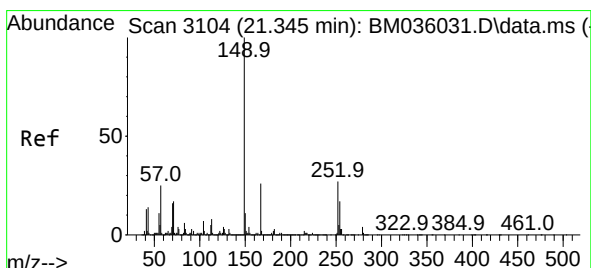
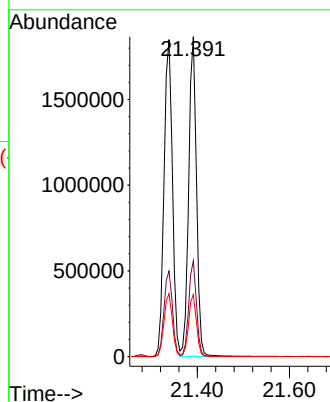
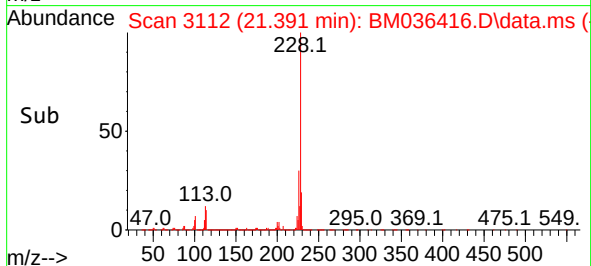
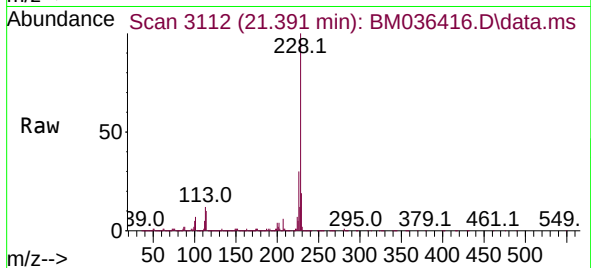
229 19.4 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.962 ng

RT: 21.268 min Scan# 3091

Delta R.T. -0.006 min

Lab File: BM036416.D

Acq: 25 Aug 2022 21:06

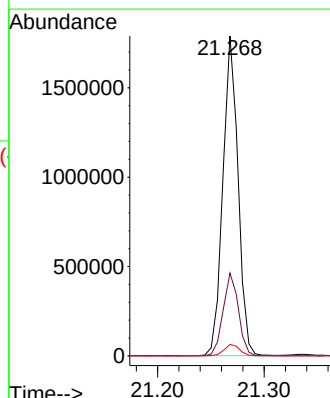
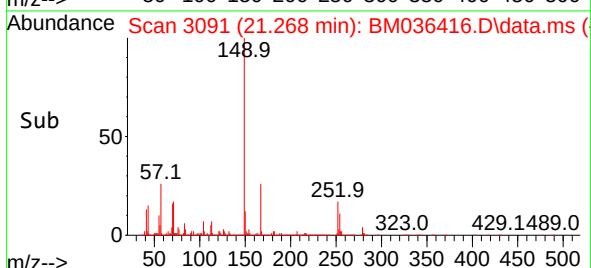
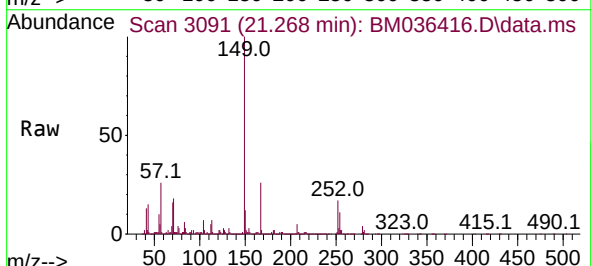
Tgt Ion:149 Resp: 1772662

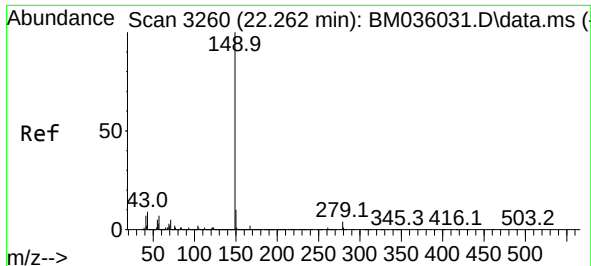
Ion Ratio Lower Upper

149 100

167 25.9 21.1 31.7

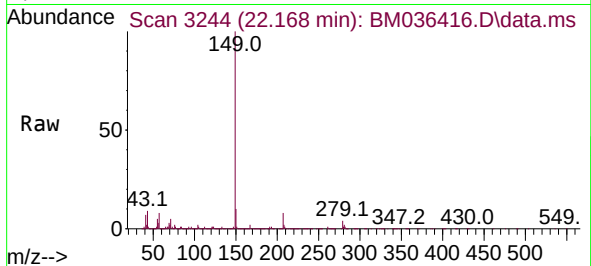
279 3.6 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 49.750 ng
RT: 22.168 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

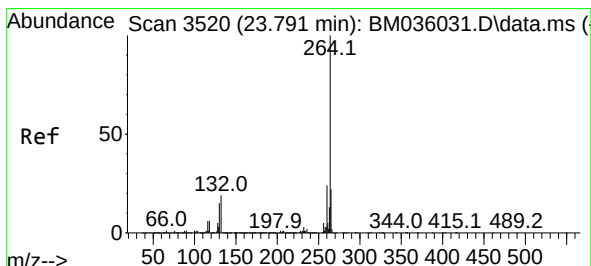
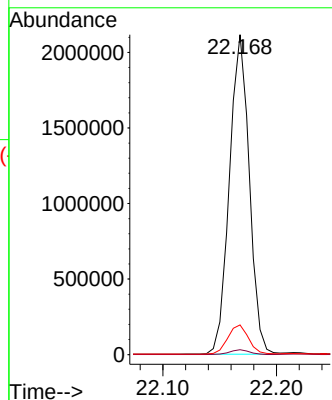
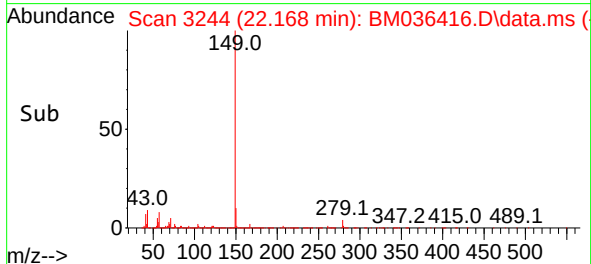
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:149 Resp: 2571886
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.4 8.6 12.8

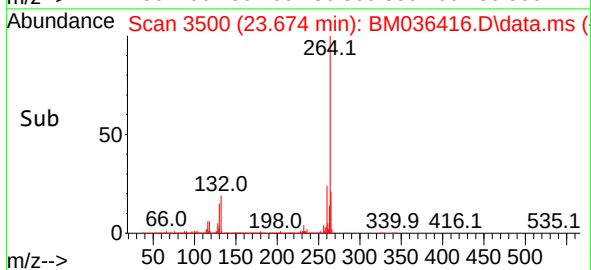
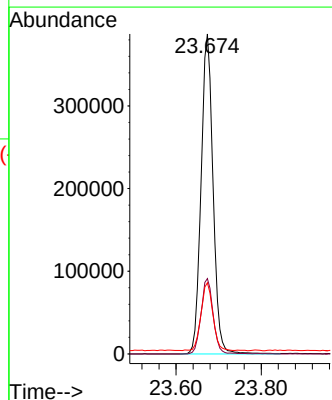
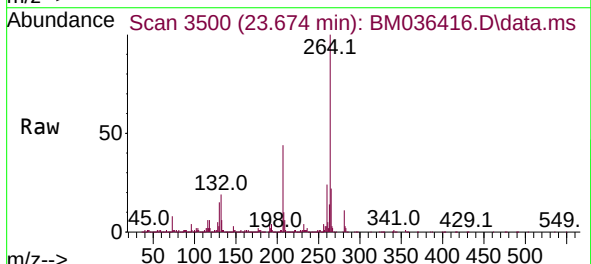
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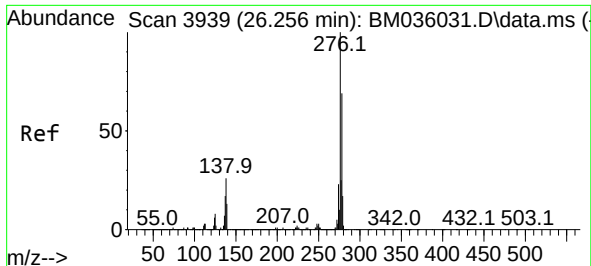
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.674 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

Tgt Ion:264 Resp: 753101
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 22.2 17.5 26.3





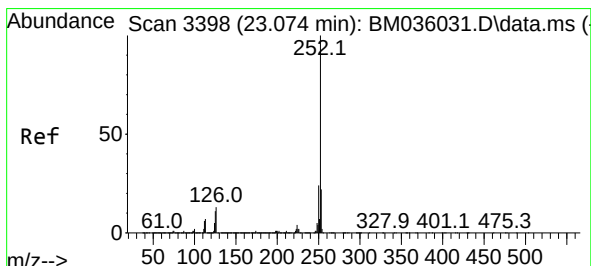
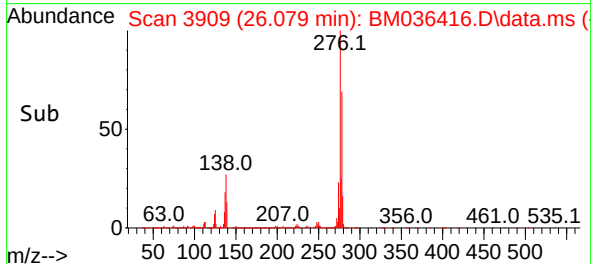
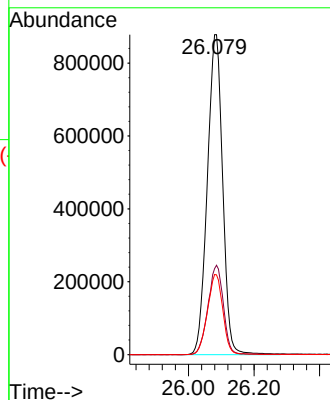
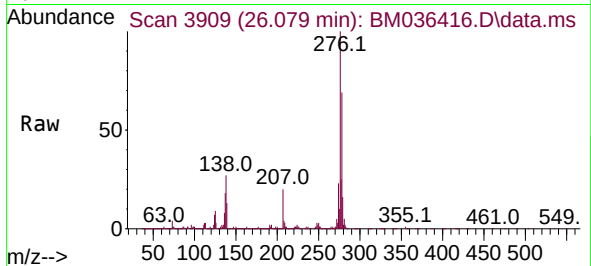
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.588 ng
RT: 26.079 min Scan# 3939
Delta R.T. -0.012 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD

Tgt Ion:276 Resp: 2836068
Ion Ratio Lower Upper
276 100
138 28.2 20.2 30.4
277 25.2 20.2 30.2

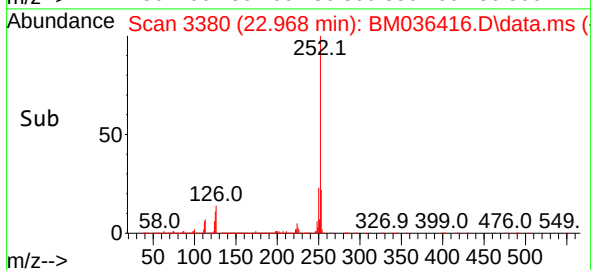
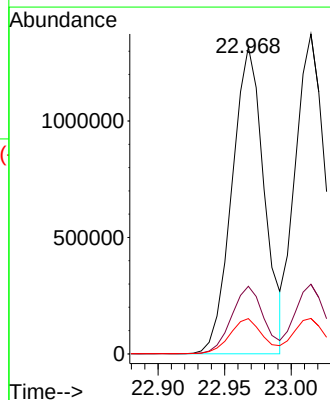
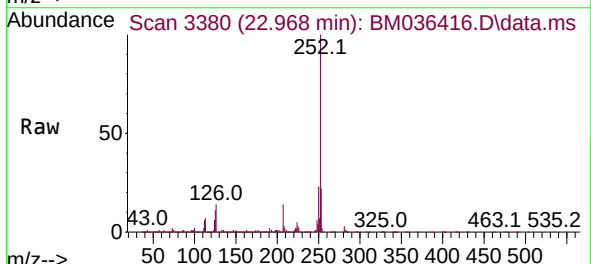
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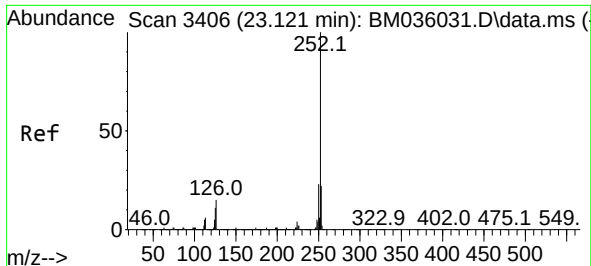
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#88
Benzo(b)fluoranthene
Concen: 50.499 ng m
RT: 22.968 min Scan# 3380
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

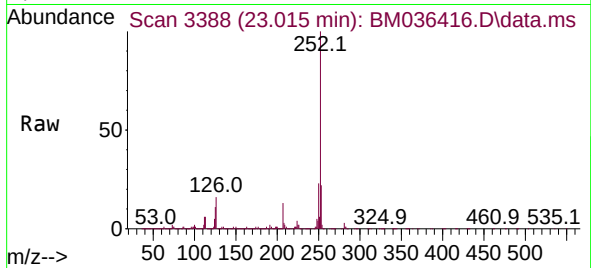
Tgt Ion:252 Resp: 2228173
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.5 7.6 11.4#





#89
Benzo(k)fluoranthene
Concen: 48.813 ng
RT: 23.015 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

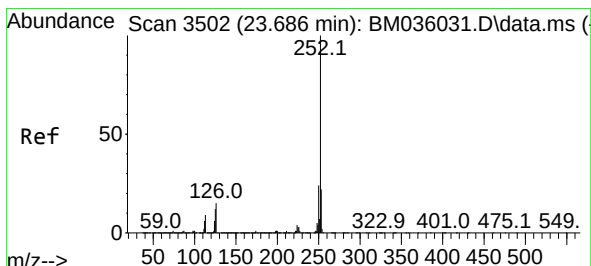
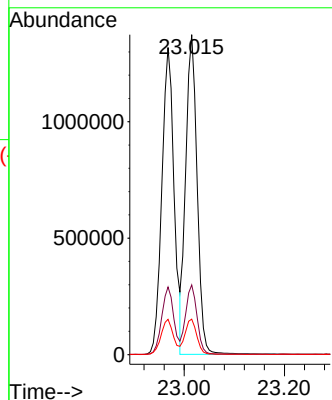
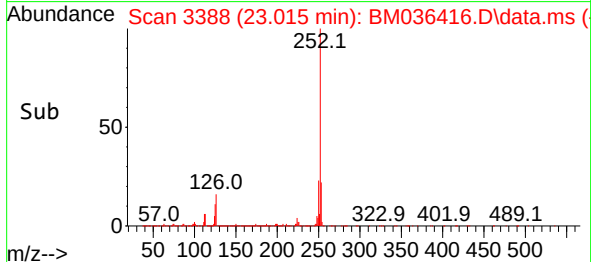
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD



Tgt Ion:252 Resp: 2175359
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 11.1 7.6 11.4

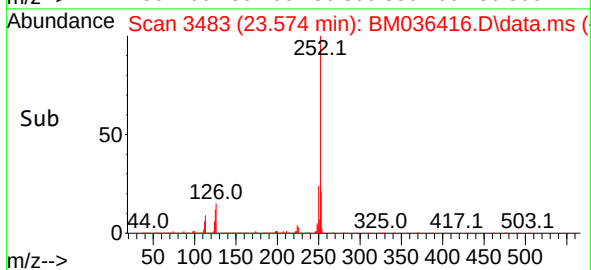
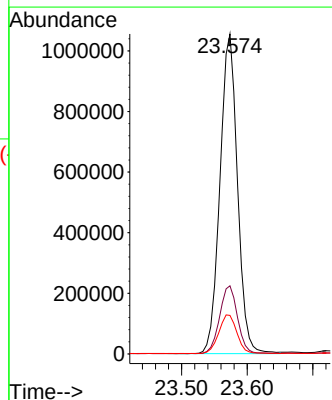
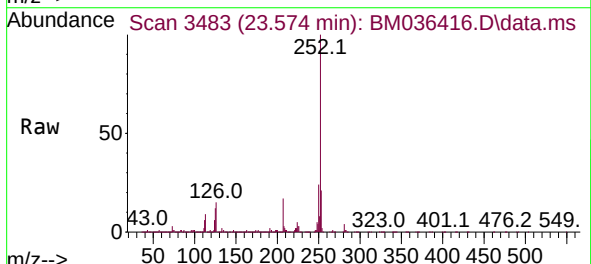
Manual Integrations
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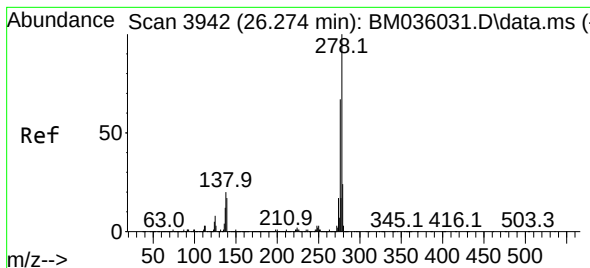
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#90
Benzo(a)pyrene
Concen: 52.977 ng
RT: 23.574 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BM036416.D
Acq: 25 Aug 2022 21:06

Tgt Ion:252 Resp: 1961254
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 12.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 56.170 ng

RT: 26.097 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM036416.D

Acq: 25 Aug 2022 21:06

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(25-37)MSD

Tgt Ion:278 Resp: 248835

Ion Ratio Lower Upper

278 100

139 17.5 12.9 19.3

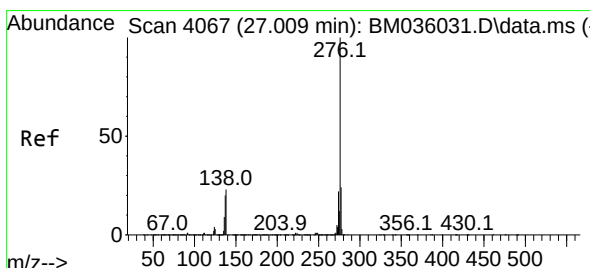
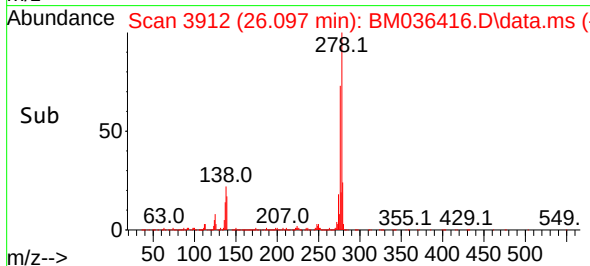
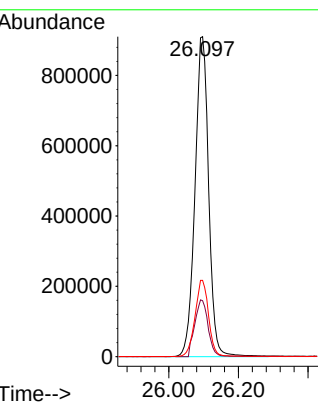
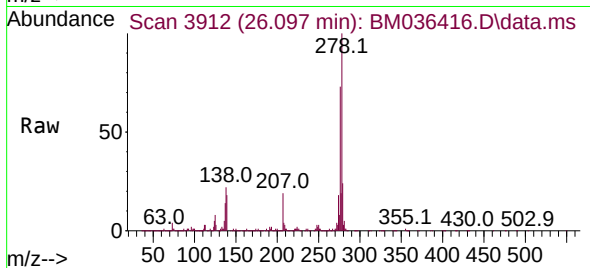
279 23.8 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#92

Benzo(g,h,i)perylene

Concen: 59.270 ng

RT: 26.820 min Scan# 4035

Delta R.T. -0.012 min

Lab File: BM036416.D

Acq: 25 Aug 2022 21:06

Tgt Ion:276 Resp: 2541897

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 24.2 17.6 26.4

