

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136680.D
 Acq On : 22 Dec 2023 11:38
 Operator : CG\JU
 Sample : PB157641BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157641BSD

Quant Time: Dec 22 12:05:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	74365	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	298144	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	154020	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	301427	20.000	ng	0.00
76) Chrysene-d12	13.969	240	155703	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	141973	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	430571	90.340	ng	0.00
7) Phenol-d6	6.434	99	542746	87.884	ng	0.00
23) Nitrobenzene-d5	7.351	82	491326	84.327	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	161817	89.208	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	964431	84.219	ng	0.00
79) Terphenyl-d14	12.910	244	1008903	90.551	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	73481	37.002	ng	97
3) Pyridine	3.387	79	182934	37.755	ng	96
4) n-Nitrosodimethylamine	3.363	42	115337	44.575	ng	93
6) Aniline	6.451	93	235426	38.129	ng	# 61
8) 2-Chlorophenol	6.575	128	239456	45.910	ng	96
9) Benzaldehyde	6.340	77	86767	24.701	ng	97
10) Phenol	6.446	94	289925	43.977	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	222838	44.446	ng	96
12) 1,3-Dichlorobenzene	6.728	146	242849	42.681	ng	97
13) 1,4-Dichlorobenzene	6.804	146	245028	42.147	ng	97
14) 1,2-Dichlorobenzene	6.951	146	233605	43.182	ng	99
15) Benzyl Alcohol	6.934	79	196040	47.053	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	366747	44.742	ng	100
17) 2-Methylphenol	7.045	107	196553	45.489	ng	97
18) Hexachloroethane	7.293	117	89390	42.338	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	165800	44.288	ng	98
20) 3+4-Methylphenols	7.198	107	237966	44.083	ng	# 88
22) Acetophenone	7.193	105	324839	43.469	ng	95
24) Nitrobenzene	7.369	77	246450	42.225	ng	99
25) Isophorone	7.610	82	460097	43.398	ng	99
26) 2-Nitrophenol	7.681	139	128217	45.916	ng	94
27) 2,4-Dimethylphenol	7.728	122	217976	64.117	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	283224	43.950	ng	99
29) 2,4-Dichlorophenol	7.928	162	199579	45.600	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	204492	41.934	ng	97
31) Naphthalene	8.087	128	694599	42.407	ng	100
32) Benzoic acid	7.869	122	146547	44.551	ng	96
33) 4-Chloroaniline	8.134	127	122292	20.222	ng	98
34) Hexachlorobutadiene	8.198	225	120302	40.604	ng	99
35) Caprolactam	8.516	113	67003m	46.405	ng	
36) 4-Chloro-3-methylphenol	8.628	107	223070	45.272	ng	97
37) 2-Methylnaphthalene	8.775	142	452879	42.963	ng	99
38) 1-Methylnaphthalene	8.875	142	421457	40.753	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	208264	43.662	ng	98
41) Hexachlorocyclopentadiene	8.928	237	219278	140.250	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	140392	45.894	ng	99

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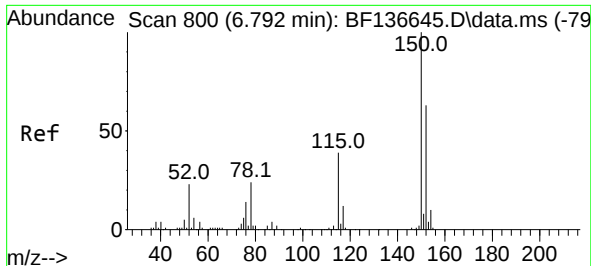
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	156600	45.939	ng	95
46) 1,1'-Biphenyl	9.245	154	566713	43.848	ng	99
47) 2-Chloronaphthalene	9.269	162	426195	43.376	ng	99
48) 2-Nitroaniline	9.369	65	139892	45.466	ng	95
49) Acenaphthylene	9.686	152	687318	45.766	ng	100
50) Dimethylphthalate	9.551	163	504296	44.826	ng	100
51) 2,6-Dinitrotoluene	9.616	165	114259	44.751	ng	96
52) Acenaphthene	9.857	154	411324	44.183	ng	100
53) 3-Nitroaniline	9.781	138	79469	29.382	ng	95
54) 2,4-Dinitrophenol	9.898	184	127313	89.506	ng	94
55) Dibenzofuran	10.028	168	627814	44.488	ng	99
56) 4-Nitrophenol	9.963	139	177691	97.323	ng	98
57) 2,4-Dinitrotoluene	10.022	165	141639	42.733	ng	98
58) Fluorene	10.375	166	480456	42.908	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	128580	49.000	ng	99
60) Diethylphthalate	10.251	149	518792	44.445	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	231623	42.557	ng	98
62) 4-Nitroaniline	10.404	138	110779m	42.488	ng	
63) Azobenzene	10.528	77	487003	44.670	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	83746	48.479	ng	85
66) n-Nitrosodiphenylamine	10.486	169	441653	45.105	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	149168	44.560	ng	98
68) Hexachlorobenzene	10.922	284	162290	43.503	ng	97
69) Atrazine	11.022	200	140810	56.224	ng	98
70) Pentachlorophenol	11.122	266	153881	88.495	ng	97
71) Phenanthrene	11.339	178	701525	45.358	ng	98
72) Anthracene	11.392	178	716246	45.728	ng	99
73) Carbazole	11.551	167	658313	44.578	ng	100
74) Di-n-butylphthalate	11.880	149	826120	45.844	ng	99
75) Fluoranthene	12.533	202	733881	44.360	ng	99
77) Benzidine	12.657	184	152870	33.298	ng	98
78) Pyrene	12.763	202	731572	47.863	ng	100
80) Butylbenzylphthalate	13.386	149	276497	49.714	ng	99
81) Benzo(a)anthracene	13.957	228	495717	45.849	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	109013	35.504	ng	96
83) Chrysene	13.992	228	473545	44.789	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	346317	49.490	ng	98
85) Di-n-octyl phthalate	14.563	149	531943	49.143	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	519256	50.656	ng	100
88) Benzo(b)fluoranthene	15.010	252	411437	43.389	ng	99
89) Benzo(k)fluoranthene	15.039	252	412499	46.037	ng	99
90) Benzo(a)pyrene	15.380	252	364355	45.520	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	428877	50.998	ng	98
92) Benzo(g,h,i)perylene	17.404	276	425777	49.433	ng	99

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



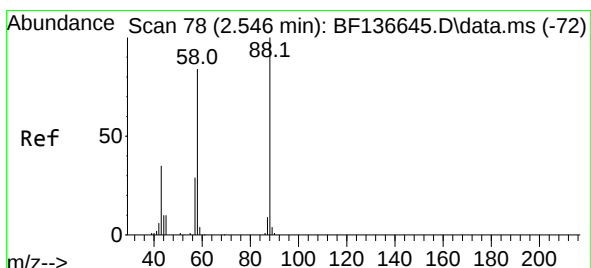
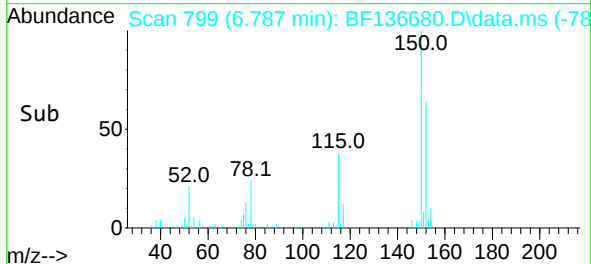
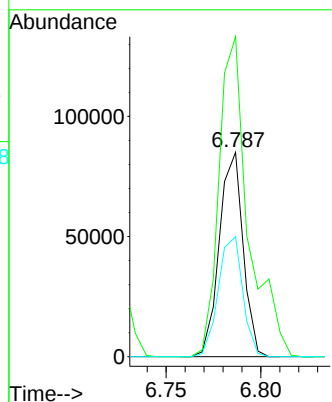
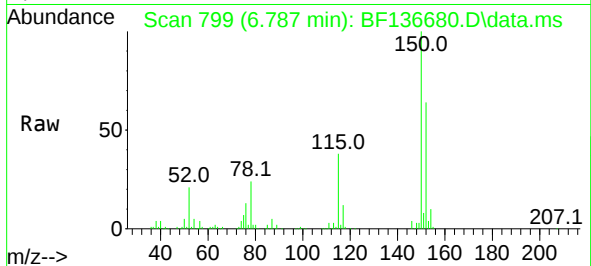
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 74
Delta R.T. -0.005 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB157641BSD

Tgt Ion:152 Resp: 7436
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.6
115 58.8 49.0 73.4

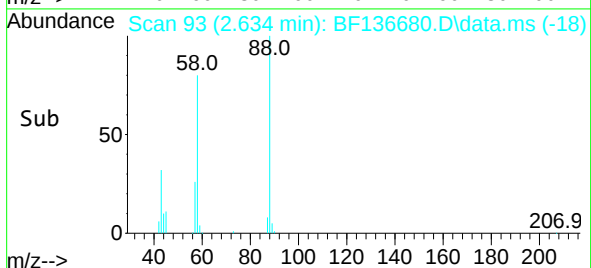
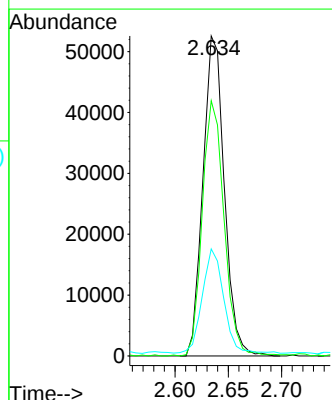
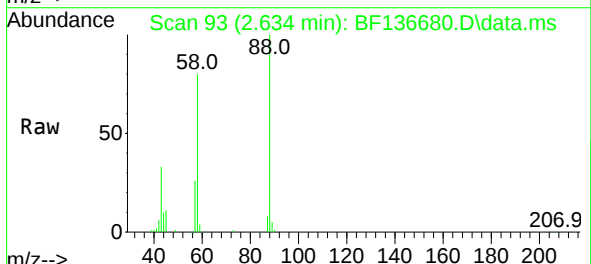
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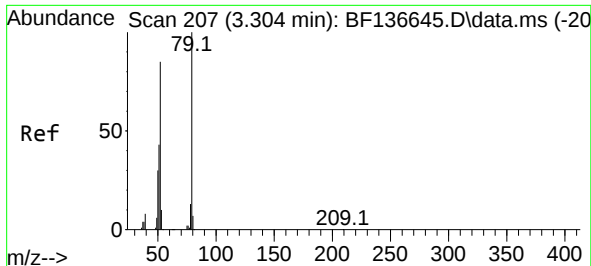
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#2
1,4-Dioxane
Concen: 37.002 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.088 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

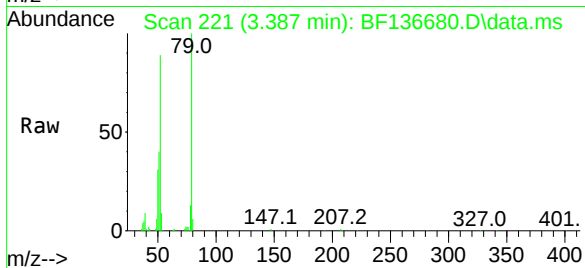
Tgt Ion: 88 Resp: 73481
Ion Ratio Lower Upper
88 100
58 81.4 67.4 101.0
43 32.3 27.7 41.5





#3
Pyridine
Concen: 37.755 ng
RT: 3.387 min Scan# 217
Delta R.T. 0.083 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

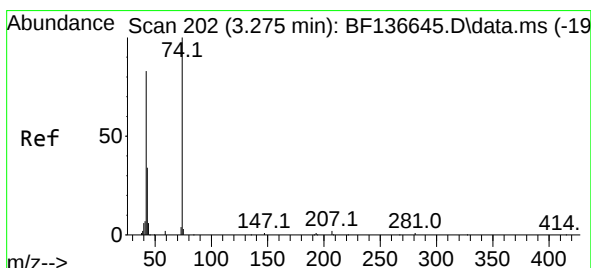
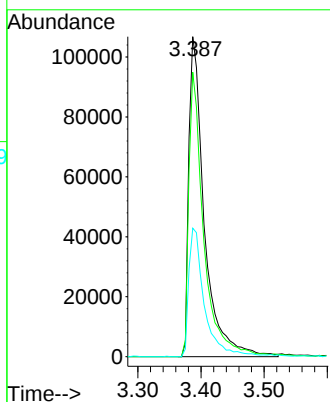
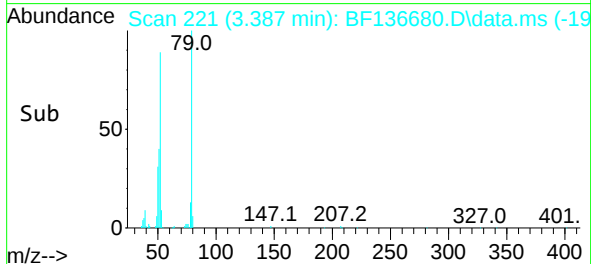
Instrument :
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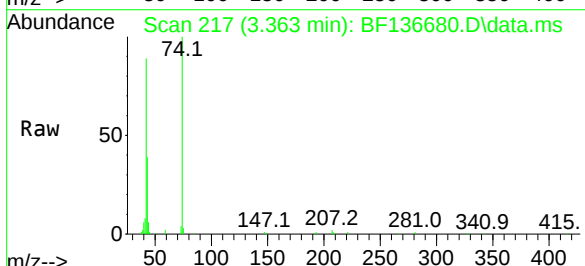
Tgt Ion: 79 Resp: 182934
Ion Ratio Lower Upper
79 100
52 88.9 67.7 101.5
51 40.1 34.0 51.0

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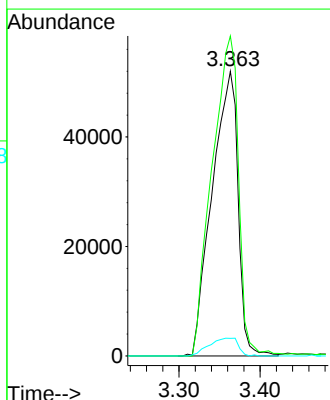
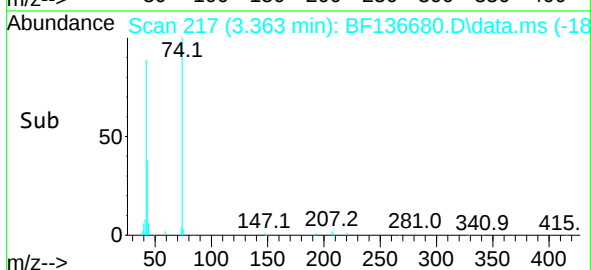
Reviewed By :Yogesh Patel 12/25/2023
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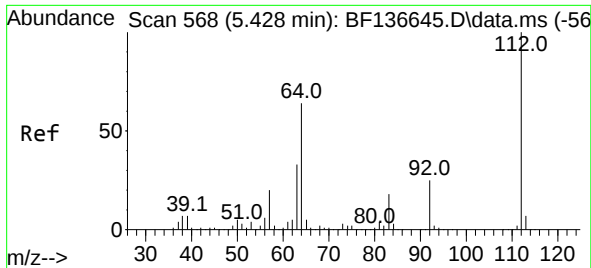


#4
n-Nitrosodimethylamine
Concen: 44.575 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38



Tgt Ion: 42 Resp: 115337
Ion Ratio Lower Upper
42 100
74 112.4 96.0 144.0
44 6.2 5.4 8.2





#5
2-Fluorophenol
Concen: 90.340 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

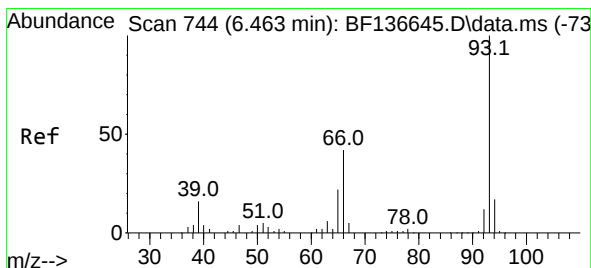
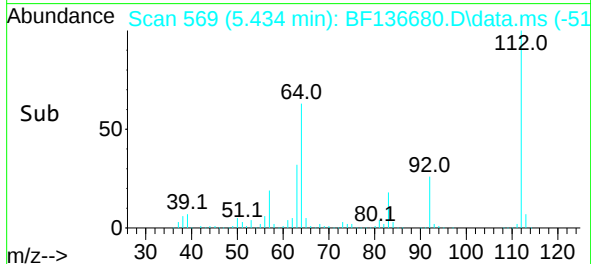
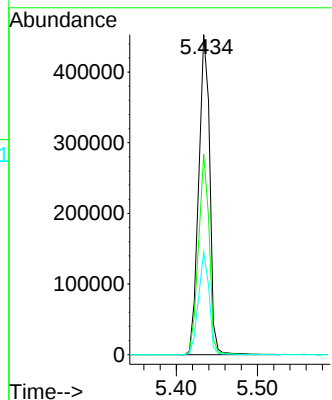
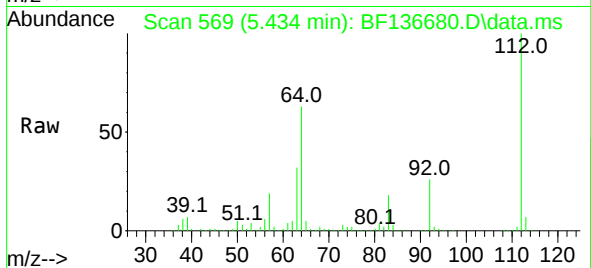
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Tgt Ion:112 Resp: 43057
Ion Ratio Lower Upper
112 100
64 62.7 51.1 76.7
63 32.1 26.1 39.1

Manual Integrations

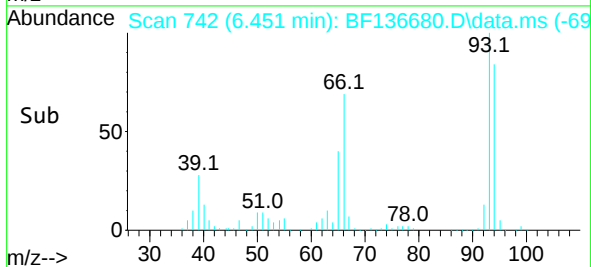
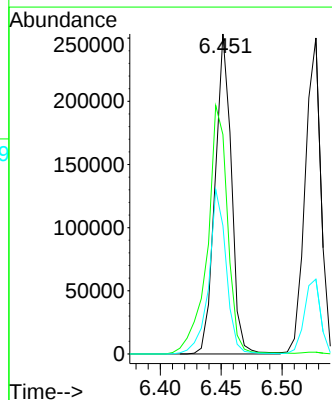
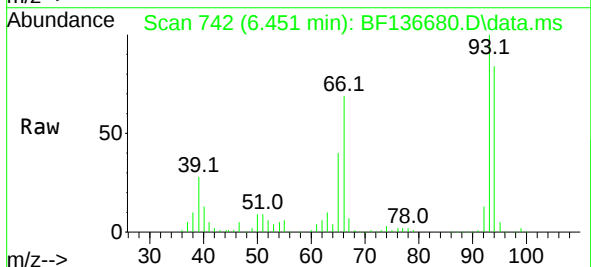
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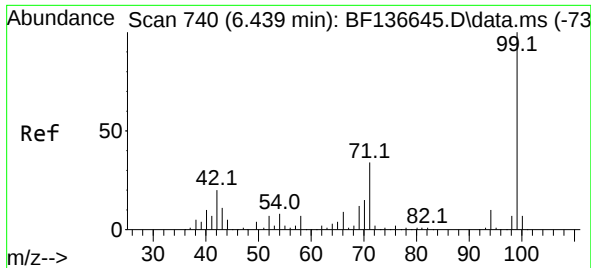
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#6
Aniline
Concen: 38.129 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

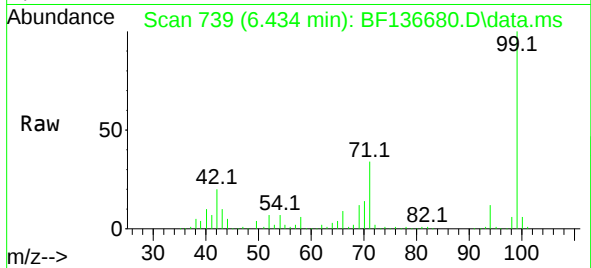
Tgt Ion: 93 Resp: 235426
Ion Ratio Lower Upper
93 100
66 68.6 34.6 51.8#
65 40.1 17.8 26.8#





#7
Phenol-d6
Concen: 87.884 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

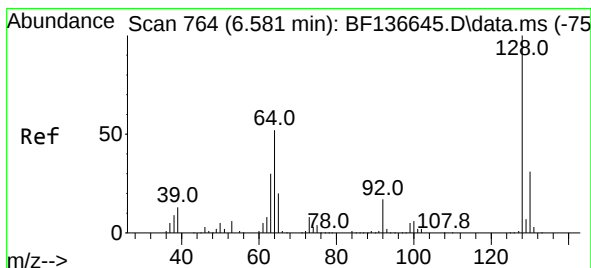
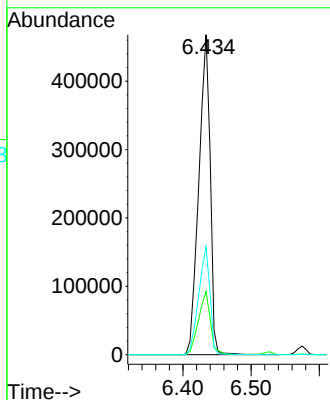
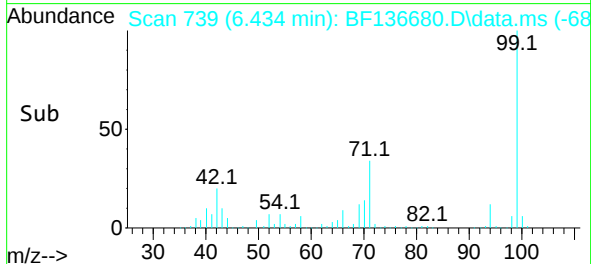
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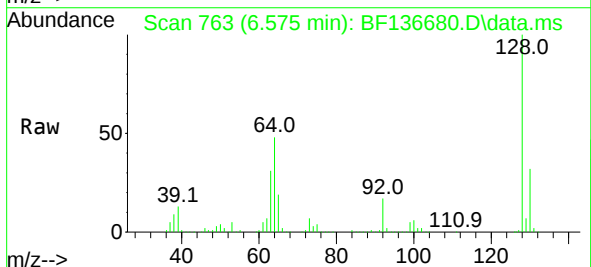
Tgt Ion: 99 Resp: 542740
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 33.7 27.4 41.2

Manual Integrations
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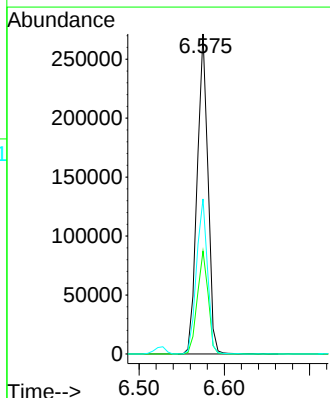
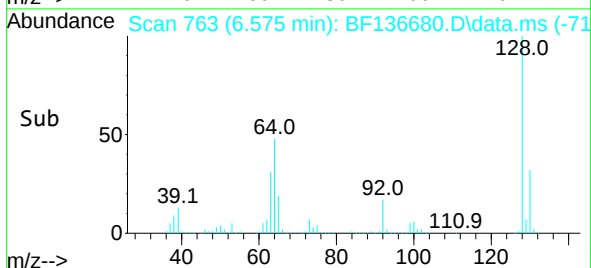
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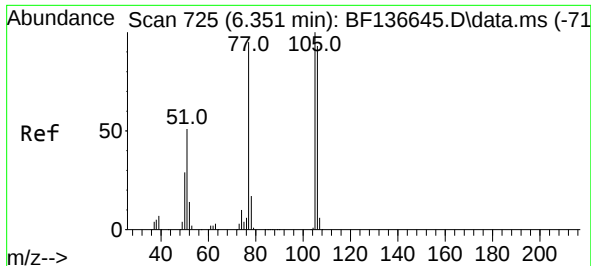


#8
2-Chlorophenol
Concen: 45.910 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38



Tgt Ion:128 Resp: 239456
Ion Ratio Lower Upper
128 100
130 32.2 11.3 51.3
64 48.4 32.5 72.5





#9

Benzaldehyde

Concen: 24.701 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136680.D

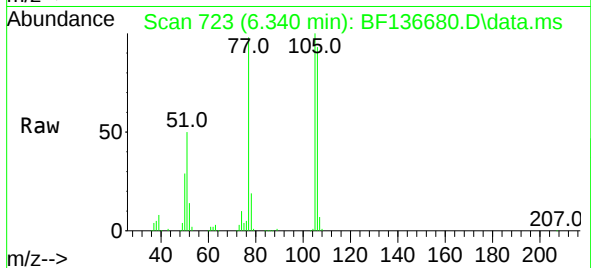
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Instrument :

BNA_F

ClientSampleId :

PB157641BSD



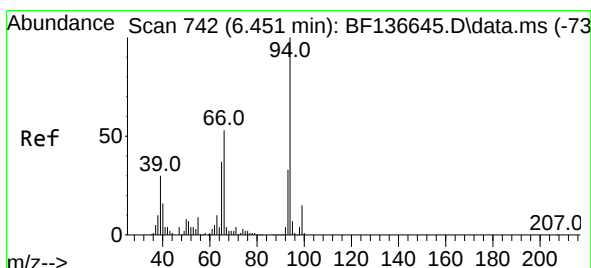
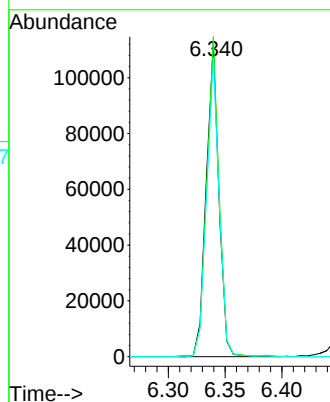
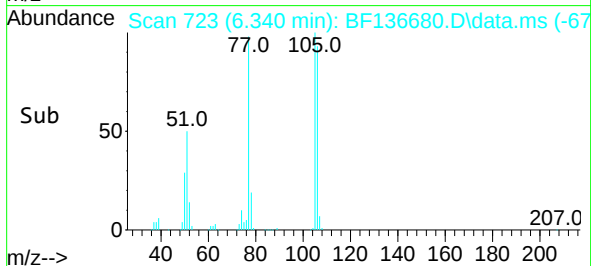
Tgt Ion: 77	Resp: 8676
Ion Ratio	Lower Upper
77 100	
105 101.9	84.8 124.8
106 95.3	77.8 117.8

Manual Integrations

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#10

Phenol

Concen: 43.977 ng

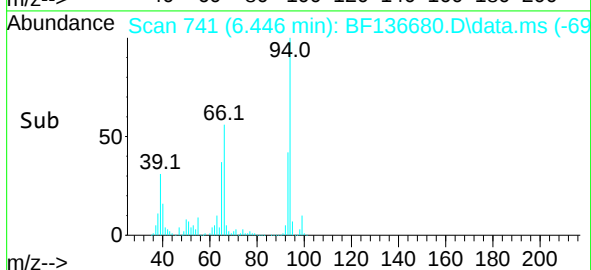
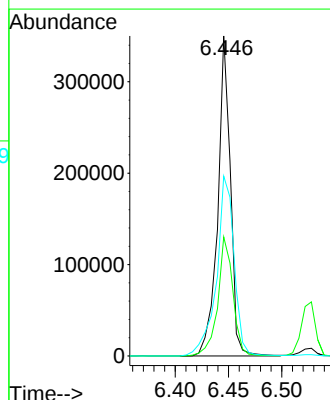
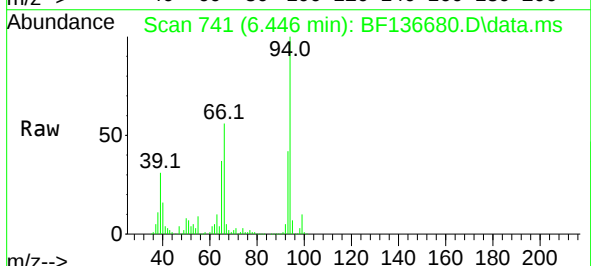
RT: 6.446 min Scan# 741

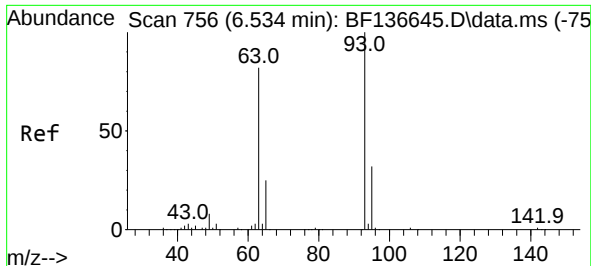
Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

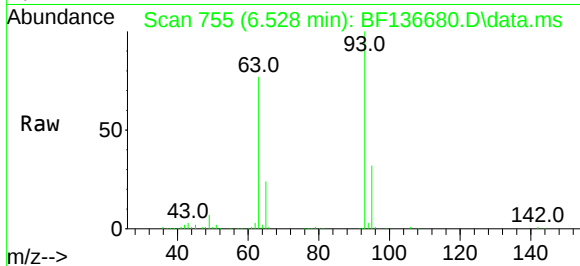
Tgt Ion: 94	Resp: 289925
Ion Ratio	Lower Upper
94 100	
65 37.2	16.6 56.6
66 56.2	32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 44.446 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

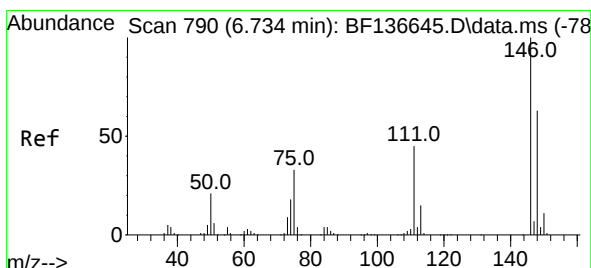
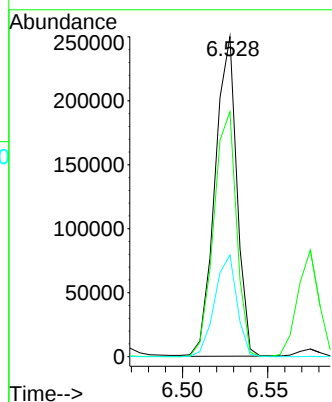
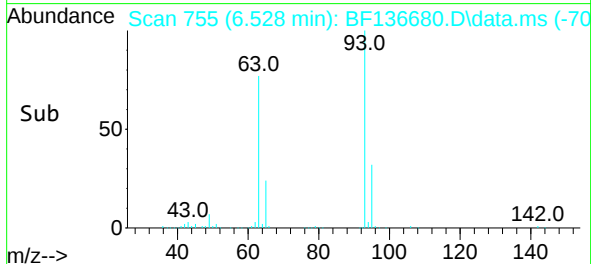
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



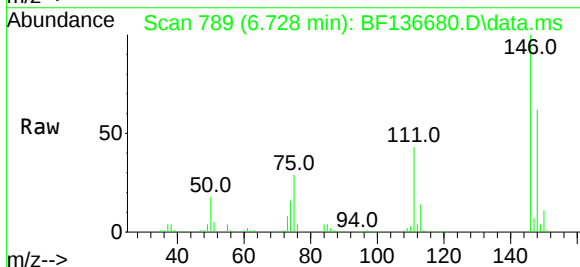
Tgt Ion: 93 Resp: 222838
Ion Ratio Lower Upper
93 100
63 76.5 61.2 101.2
95 31.7 11.6 51.6

Manual Integrations
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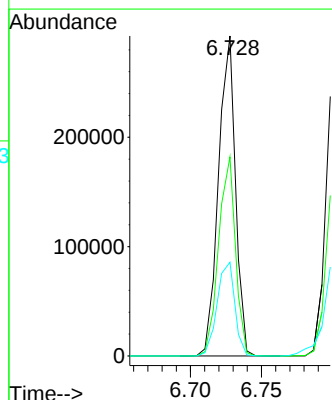
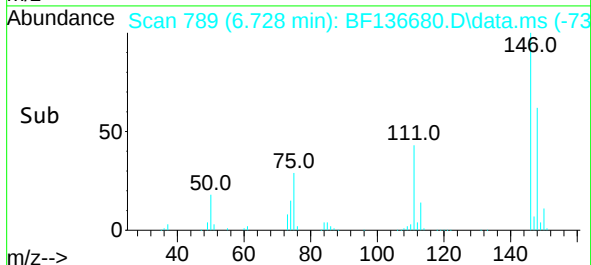
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

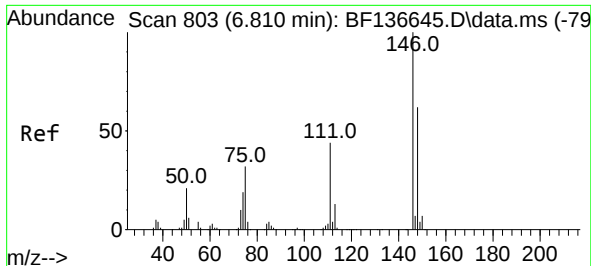


#12
1,3-Dichlorobenzene
Concen: 42.681 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38



Tgt Ion:146 Resp: 242849
Ion Ratio Lower Upper
146 100
148 62.2 50.5 75.7
75 29.3 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 42.147 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

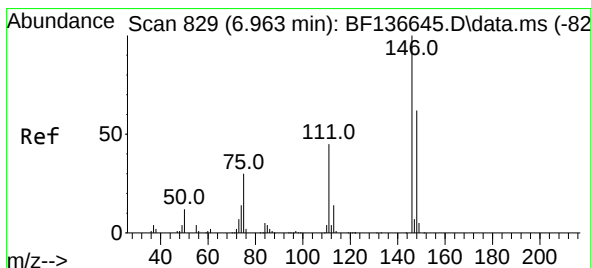
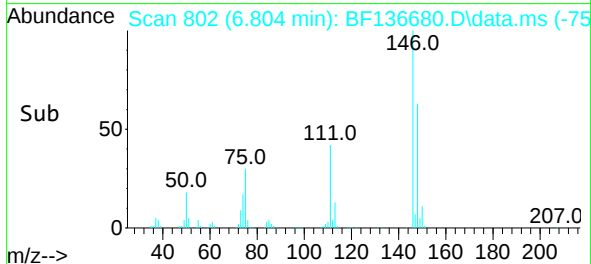
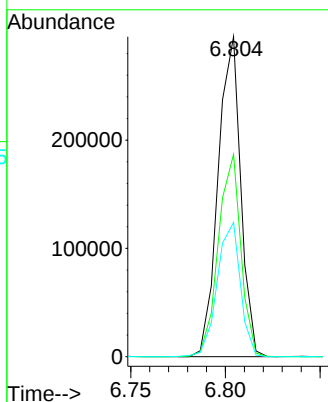
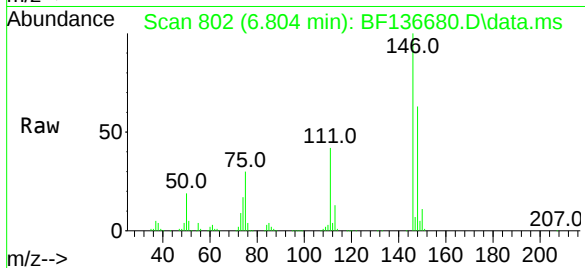
Tgt Ion:146 Resp: 245028
 Ion Ratio Lower Upper
 146 100
 148 63.2 49.2 73.8
 111 41.9 35.2 52.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#14

1,2-Dichlorobenzene

Concen: 43.182 ng

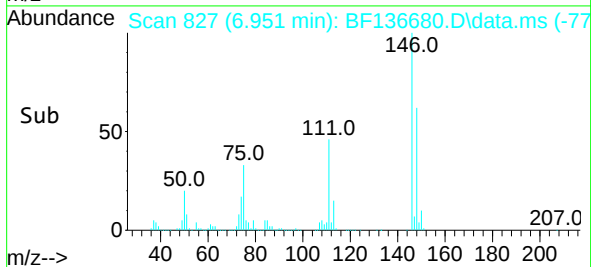
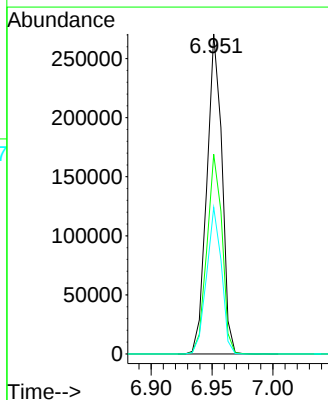
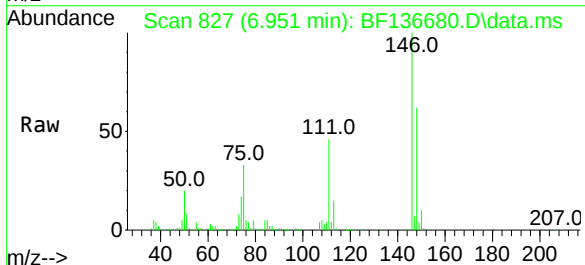
RT: 6.951 min Scan# 827

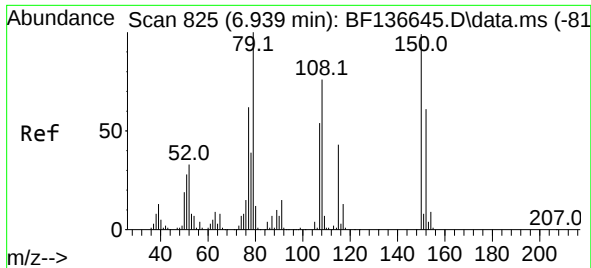
Delta R.T. -0.012 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

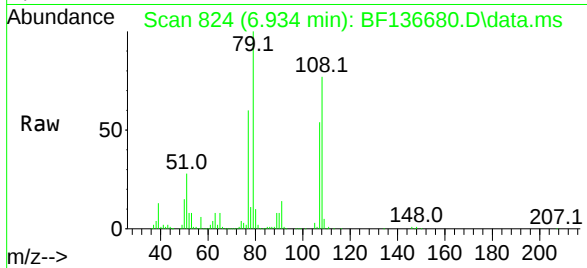
Tgt Ion:146 Resp: 233605
 Ion Ratio Lower Upper
 146 100
 148 62.4 49.6 74.4
 111 45.8 36.2 54.2





#15
Benzyl Alcohol
Concen: 47.053 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

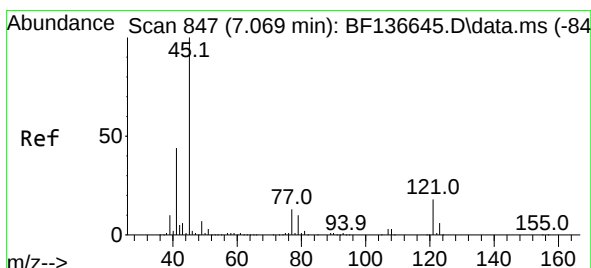
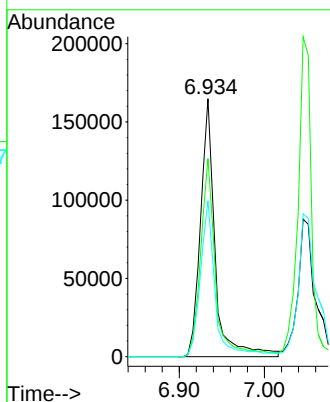
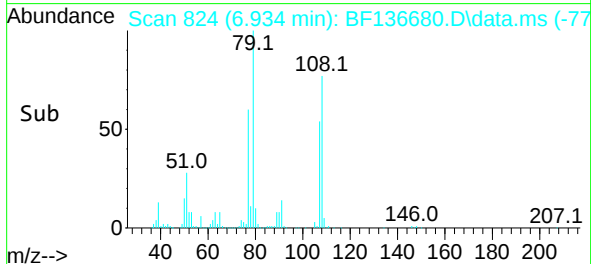
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



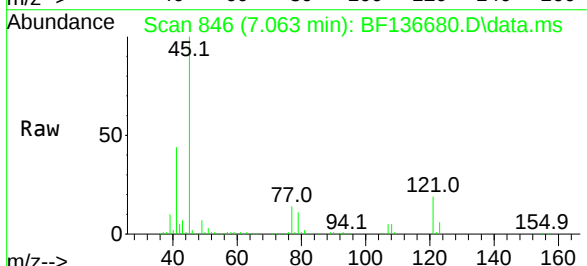
Tgt Ion: 79 Resp: 196040
Ion Ratio Lower Upper
79 100
108 76.8 61.0 91.6
77 60.4 49.8 74.8

Manual Integrations
APPROVED

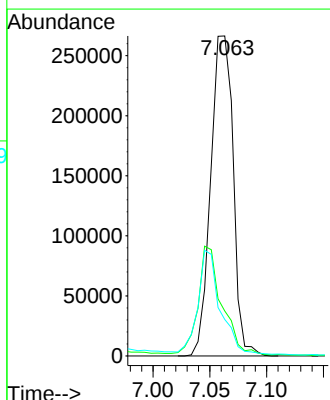
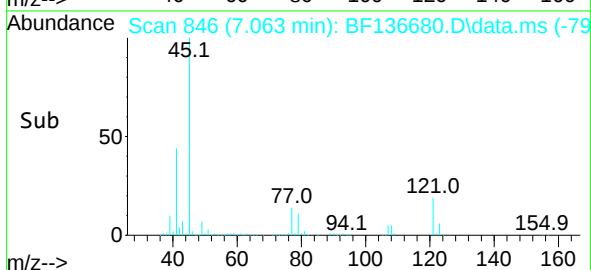
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

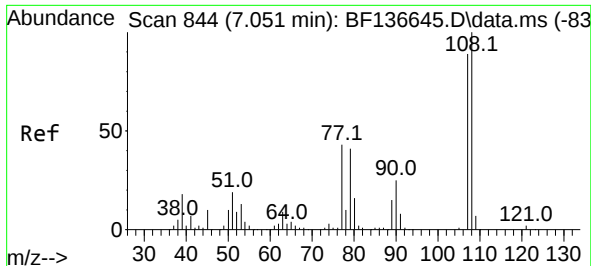


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.742 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38



Tgt Ion: 45 Resp: 366747
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.3
79 11.4 0.0 31.4





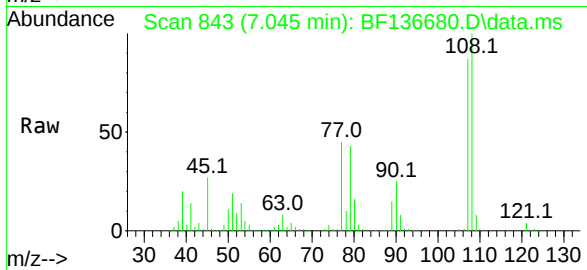
#17
2-Methylphenol
Concen: 45.489 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

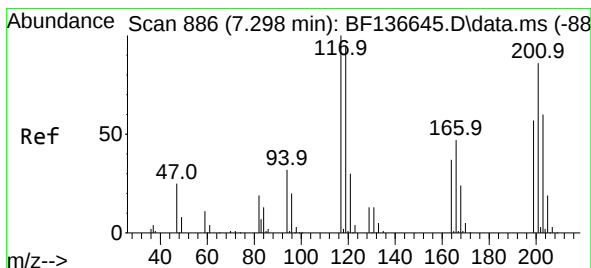
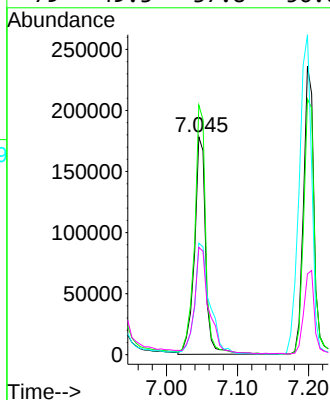
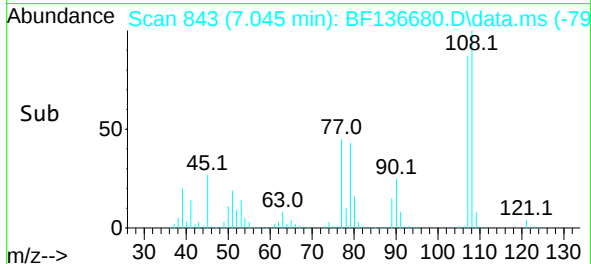


Tgt Ion:107 Resp: 19655
Ion Ratio Lower Upper
107 100
108 114.7 90.3 135.5
77 51.2 38.7 58.1
79 49.3 37.8 56.6

Manual Integrations

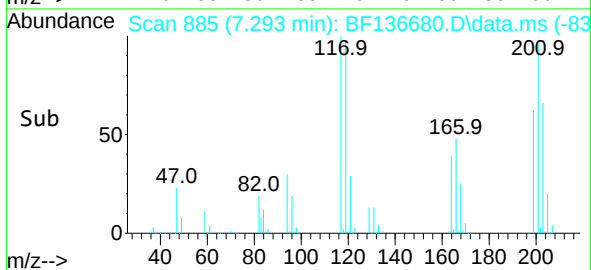
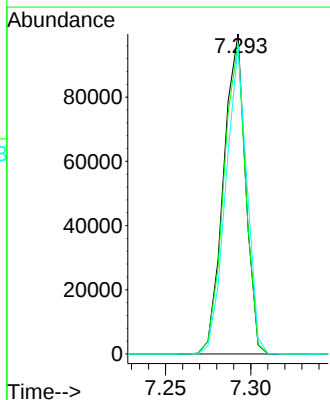
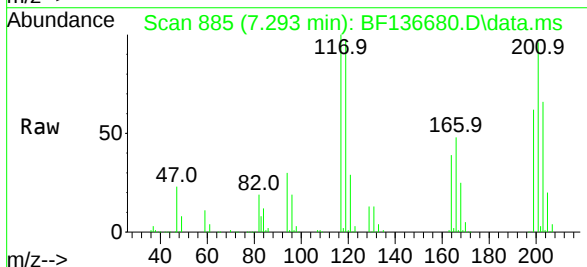
APPROVED

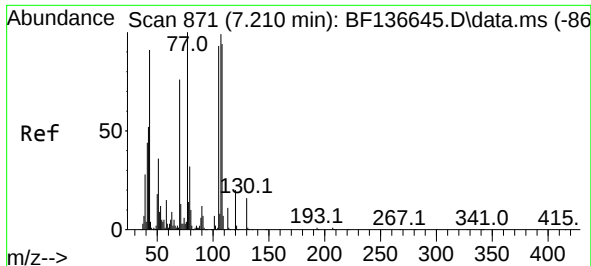
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#18
Hexachloroethane
Concen: 42.338 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Tgt Ion:117 Resp: 89390
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.6
201 96.2 69.1 103.7





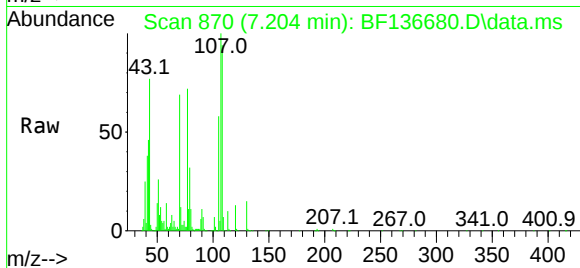
#19
n-Nitroso-di-n-propylamine
Concen: 44.288 ng
RT: 7.204 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

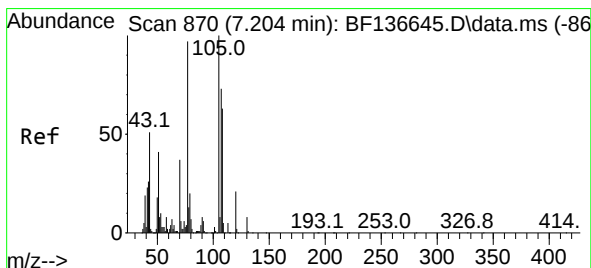
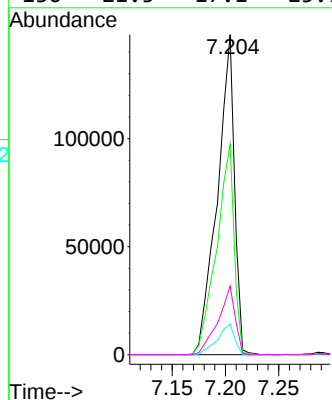
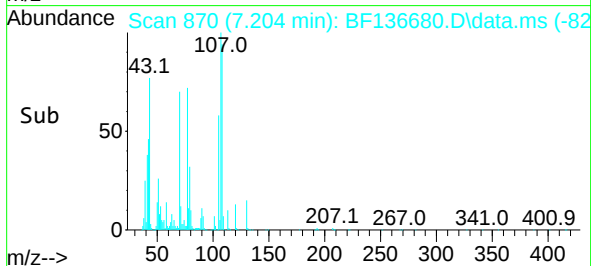


Tgt Ion: 70 Resp: 165800
Ion Ratio Lower Upper
70 100
42 65.8 54.2 81.4
101 9.6 7.6 11.4
130 21.5 17.1 25.7

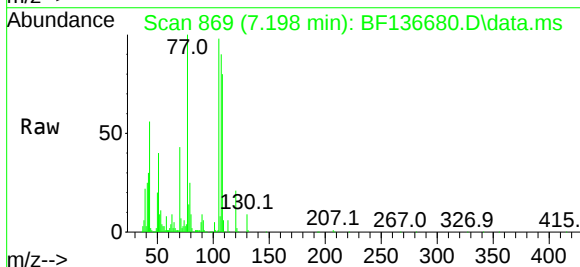
Manual Integrations

APPROVED

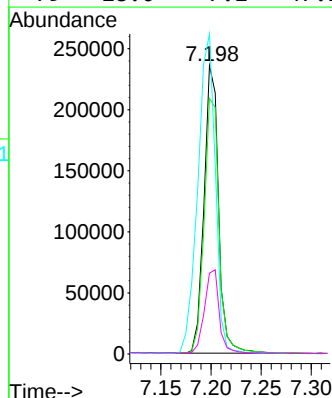
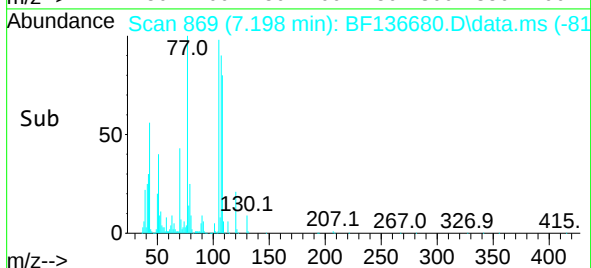
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

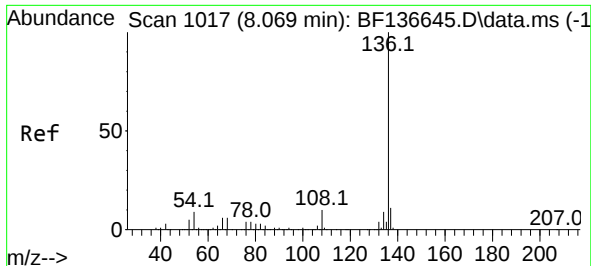


#20
3+4-Methylphenols
Concen: 44.083 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38



Tgt Ion:107 Resp: 237966
Ion Ratio Lower Upper
107 100
108 88.6 66.0 106.0
77 110.9 114.2 154.2#
79 28.0 7.2 47.2





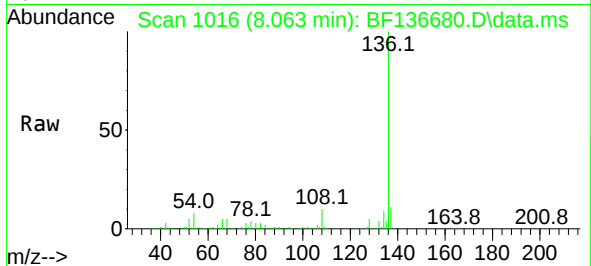
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

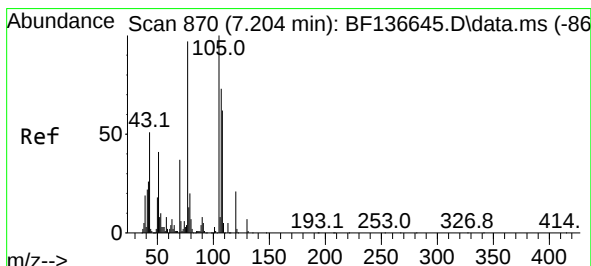
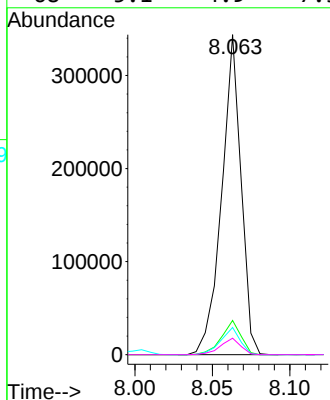
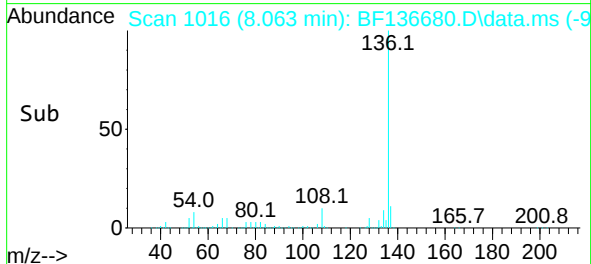


Tgt Ion:136 Resp: 29814
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.5 7.2 10.8
68 5.1 4.9 7.3

Manual Integrations

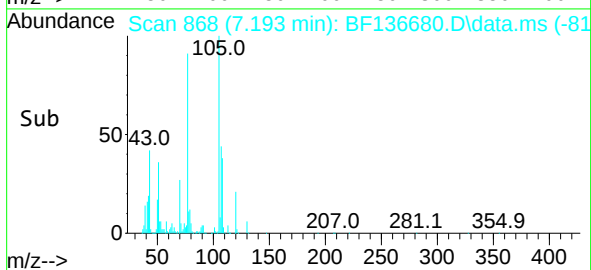
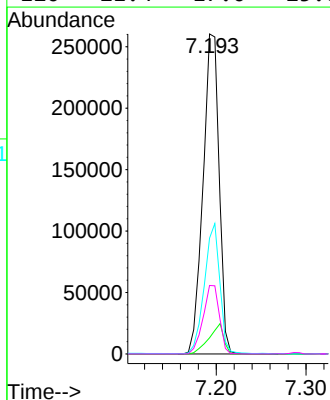
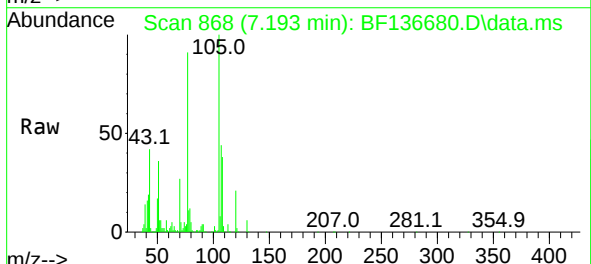
APPROVED

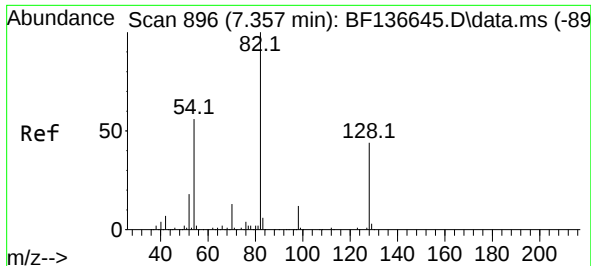
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#22
Acetophenone
Concen: 43.469 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Tgt Ion:105 Resp: 324839
Ion Ratio Lower Upper
105 100
71 5.1 4.8 7.2
51 36.2 32.8 49.2
120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 84.327 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

Tgt Ion: 82 Resp: 491320

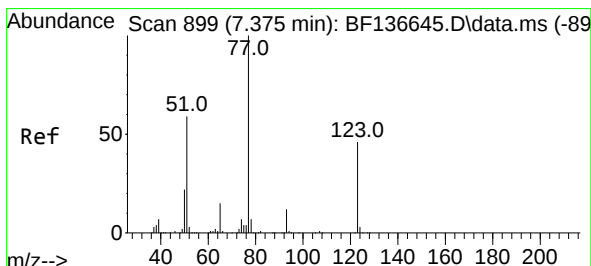
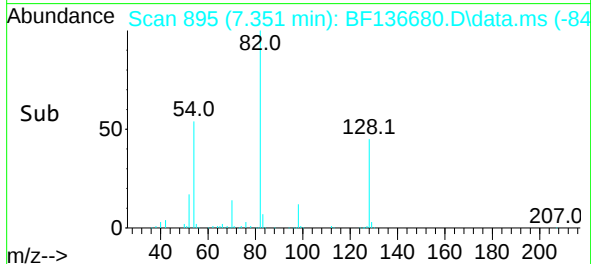
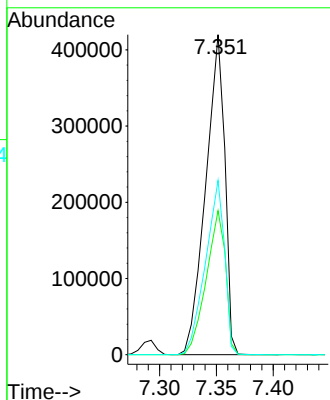
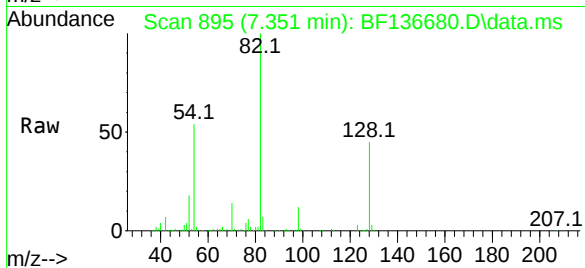
Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.3	52.9
54	54.4	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#24

Nitrobenzene

Concen: 42.225 ng

RT: 7.369 min Scan# 898

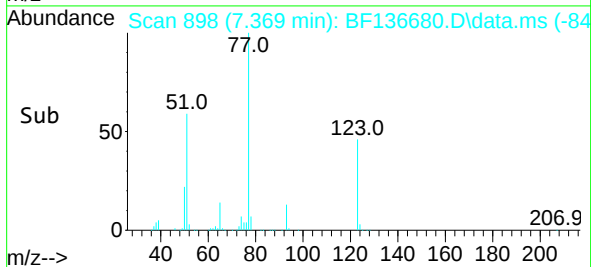
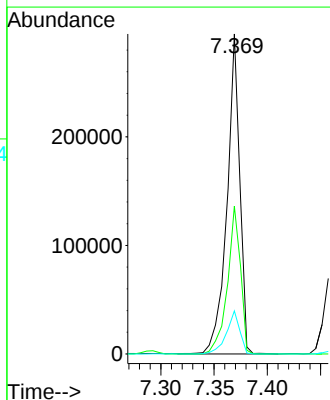
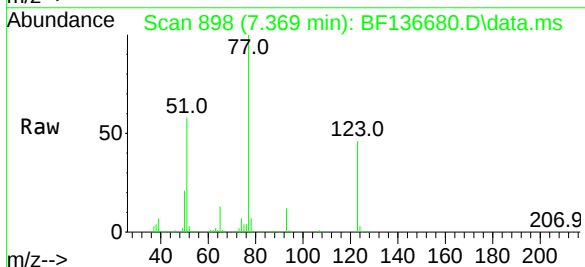
Delta R.T. -0.006 min

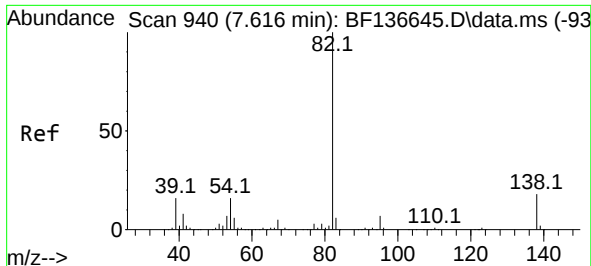
Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

Tgt Ion: 77 Resp: 246450

Ion	Ratio	Lower	Upper
77	100		
123	46.2	36.7	55.1
65	13.5	11.8	17.6





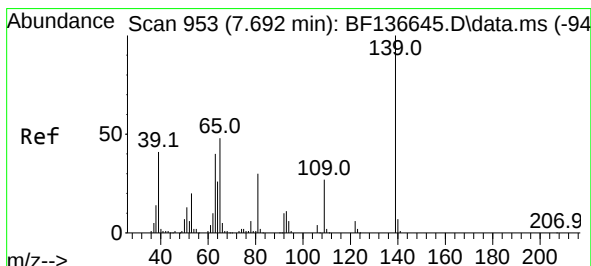
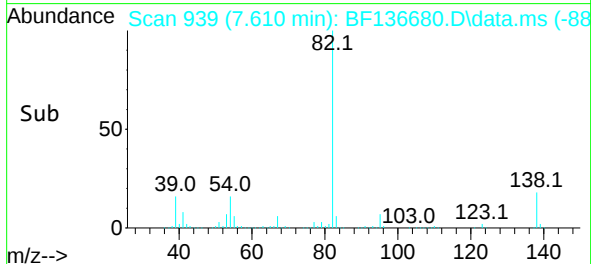
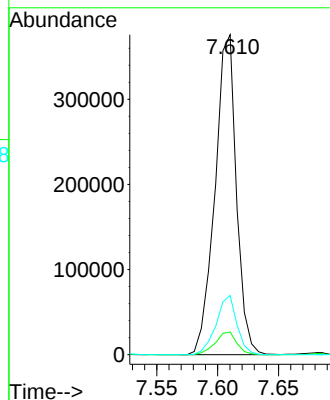
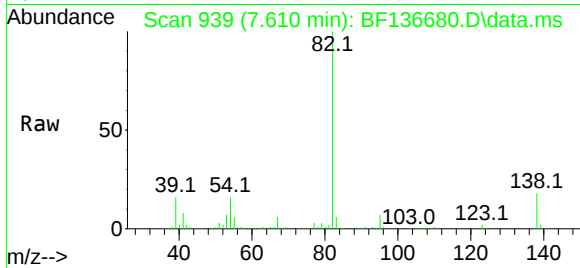
#25
Isophorone
Concen: 43.398 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB157641BSD

Tgt Ion: 82 Resp: 460091
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.5 14.5 21.7

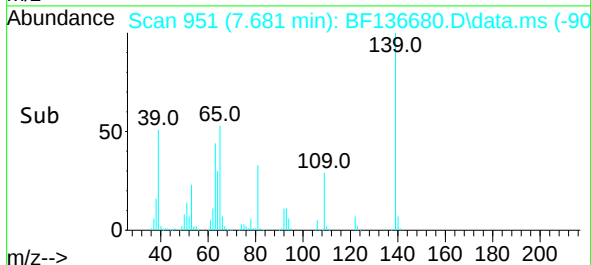
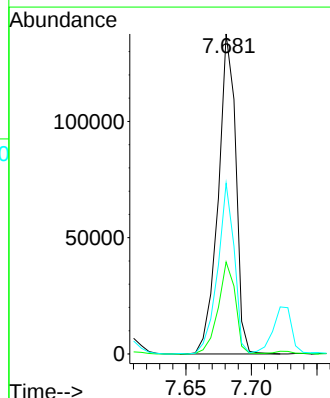
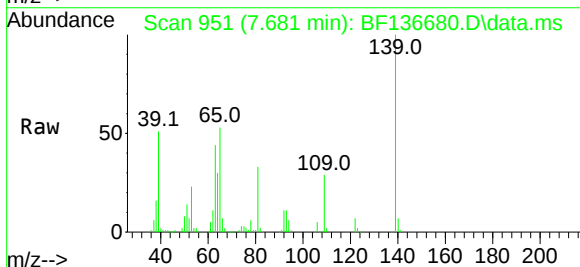
Manual Integrations
APPROVED

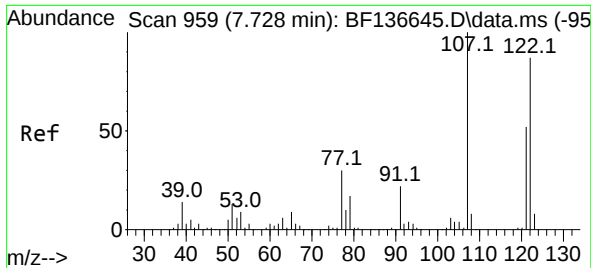
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#26
2-Nitrophenol
Concen: 45.916 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Tgt Ion:139 Resp: 128217
Ion Ratio Lower Upper
139 100
109 28.8 21.9 32.9
65 53.3 38.6 58.0





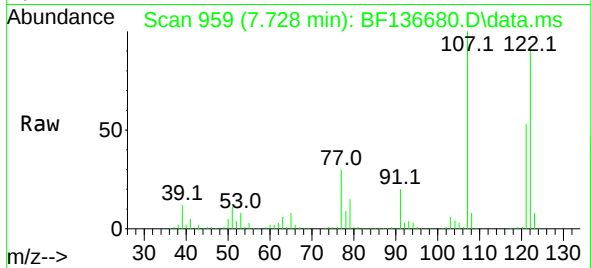
#27
2,4-Dimethylphenol
Concen: 64.117 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

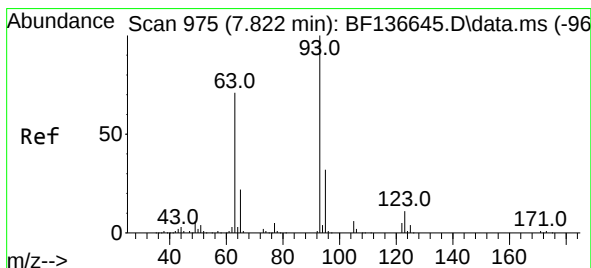
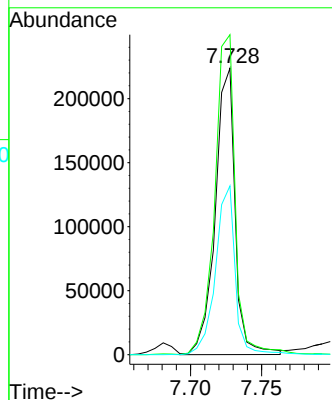
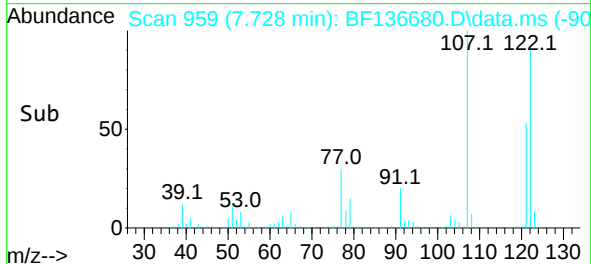


Tgt Ion:122 Resp: 217970
Ion Ratio Lower Upper
122 100
107 111.7 92.0 138.0
121 58.9 47.5 71.3

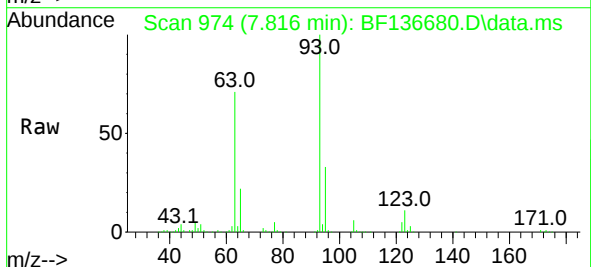
Manual Integrations

APPROVED

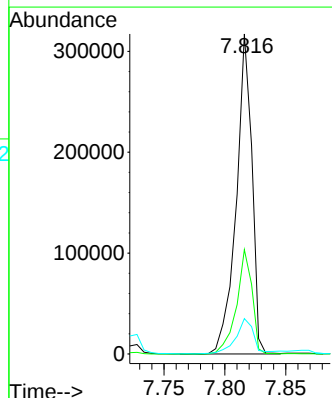
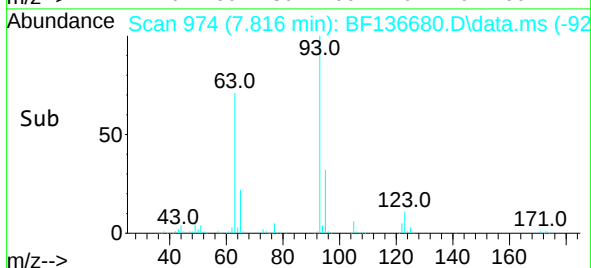
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

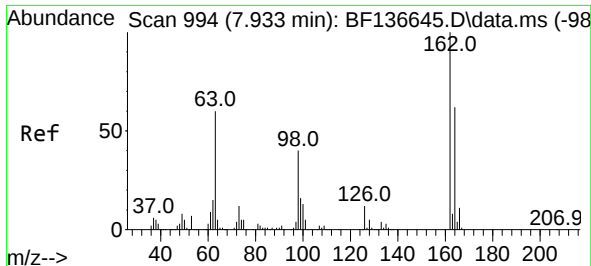


#28
bis(2-Chloroethoxy)methane
Concen: 43.950 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38



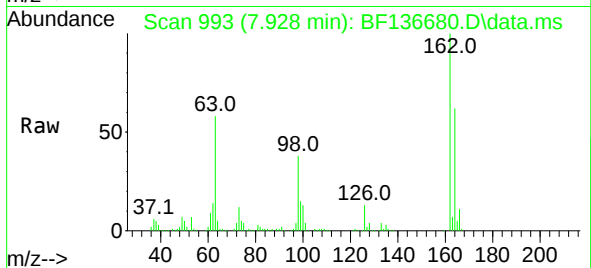
Tgt Ion: 93 Resp: 283224
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 11.1 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 45.600 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

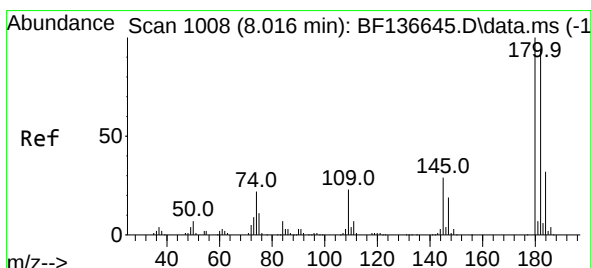
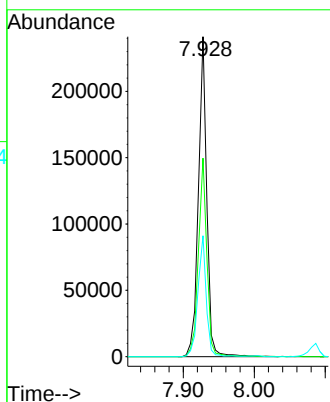
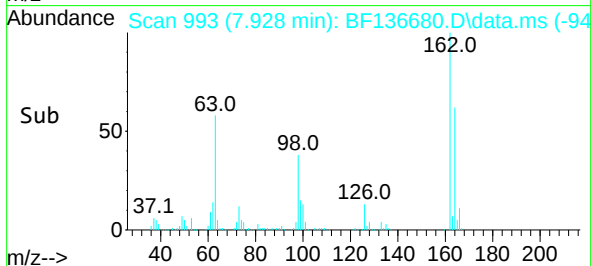
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion:162 Resp: 199579
Ion Ratio Lower Upper
162 100
164 62.0 41.7 81.7
98 37.8 19.5 59.5

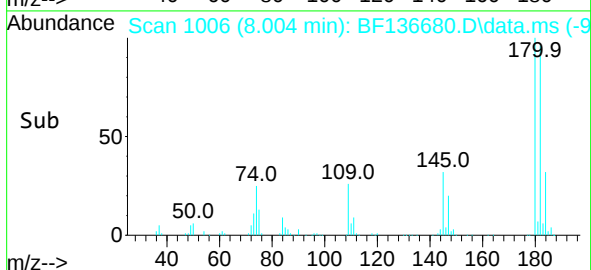
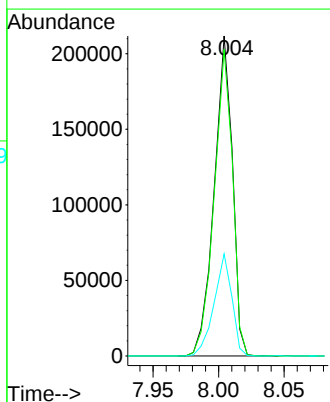
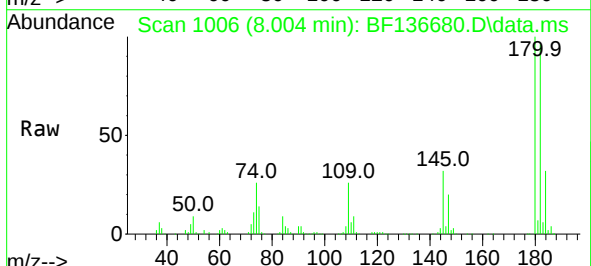
Manual Integrations
APPROVED

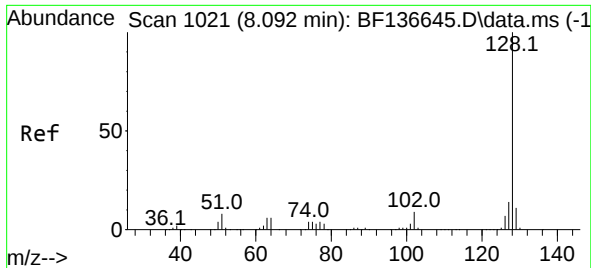
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#30
1,2,4-Trichlorobenzene
Concen: 41.934 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

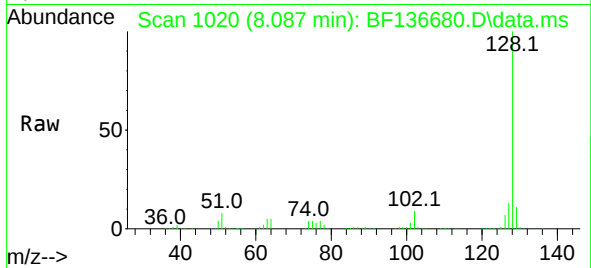
Tgt Ion:180 Resp: 204492
Ion Ratio Lower Upper
180 100
182 95.8 75.4 113.0
145 31.9 23.1 34.7





#31
Naphthalene
Concen: 42.407 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

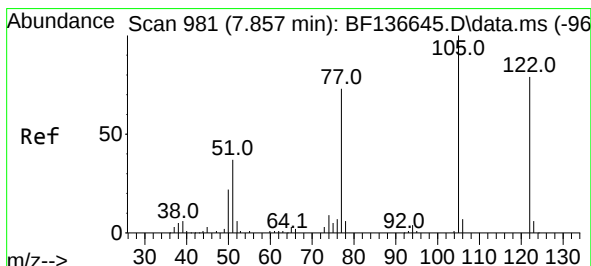
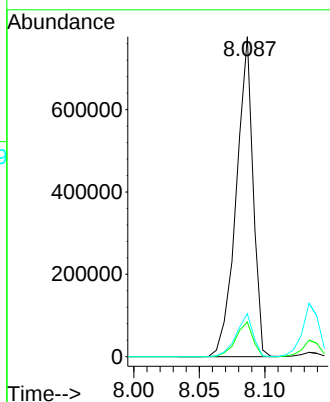
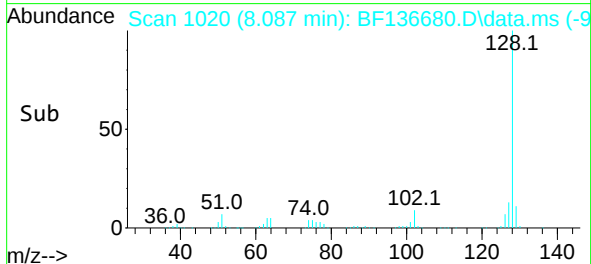
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion:128 Resp: 694599
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.8 16.2

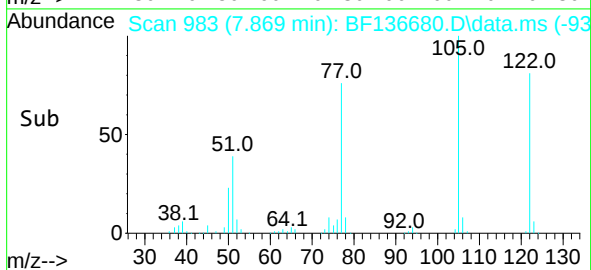
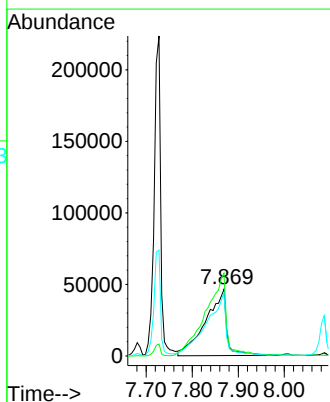
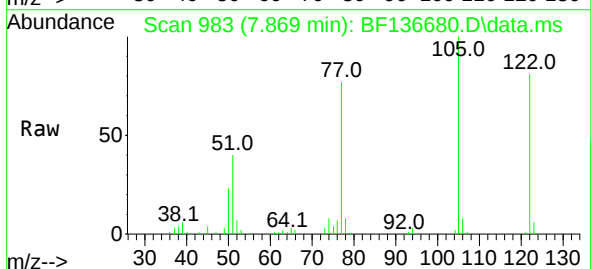
Manual Integrations
APPROVED

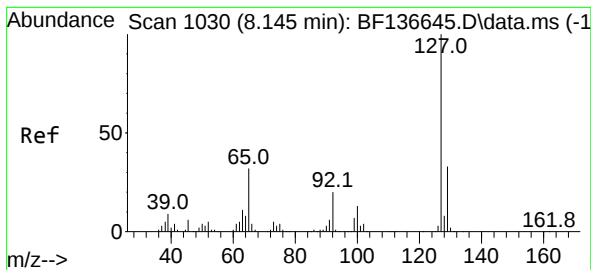
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#32
Benzoic acid
Concen: 44.551 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Tgt Ion:122 Resp: 146547
Ion Ratio Lower Upper
122 100
105 124.2 100.8 140.8
77 95.6 70.9 110.9





#33
4-Chloroaniline
Concen: 20.222 ng
RT: 8.134 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

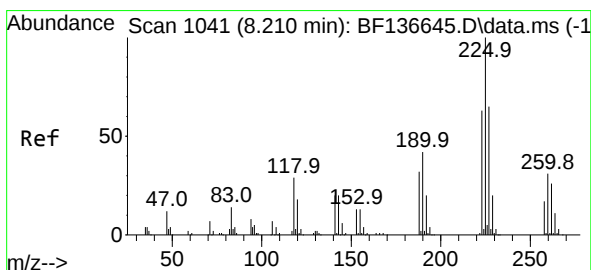
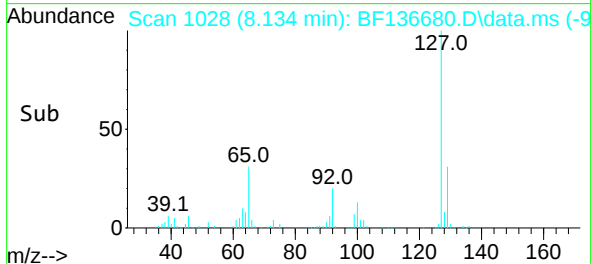
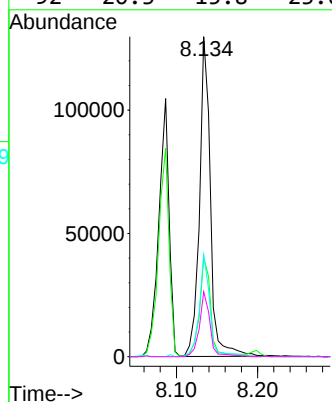
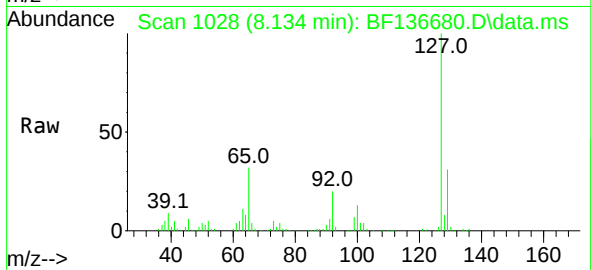
PB157641BSD

Tgt Ion:127 Resp: 122292
Ion Ratio Lower Upper
127 100
129 31.0 26.3 39.5
65 31.9 25.8 38.8
92 20.3 15.8 23.6

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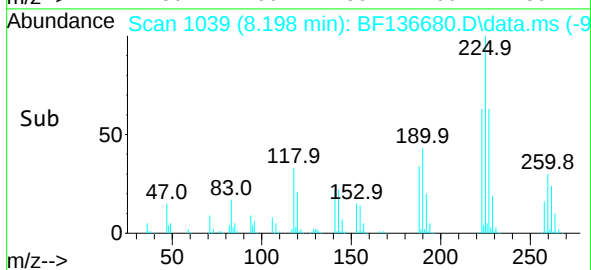
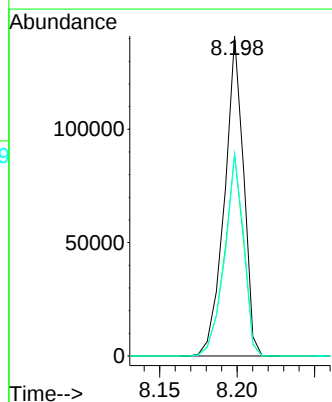
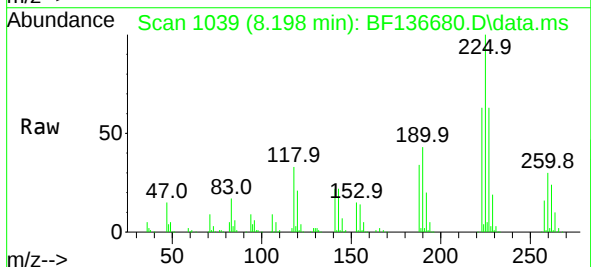
APPROVED

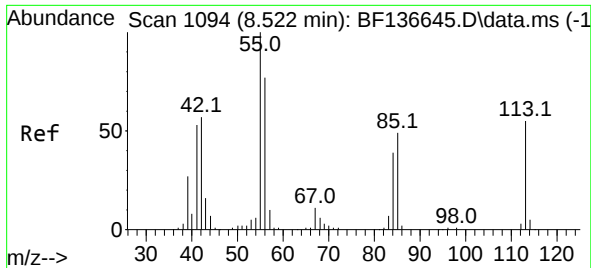
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#34
Hexachlorobutadiene
Concen: 40.604 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

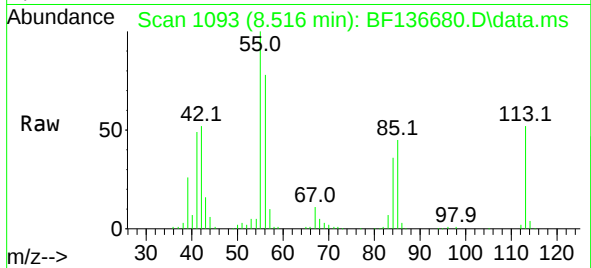
Tgt Ion:225 Resp: 120302
Ion Ratio Lower Upper
225 100
223 63.1 50.6 76.0
227 63.0 51.9 77.9





#35
 Caprolactam
 Concen: 46.405 ng m
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF136680.D
 Acq: 22 Dec 2023 11:38

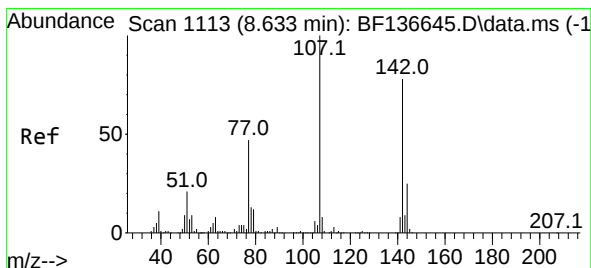
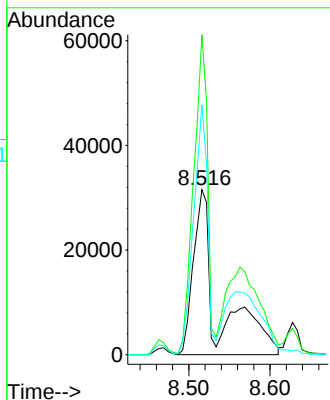
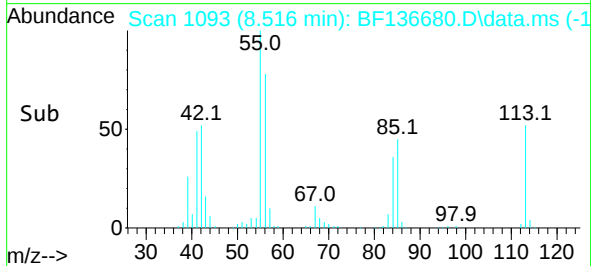
Instrument :
 BNA_F
 ClientSampleId :
 PB157641BSD



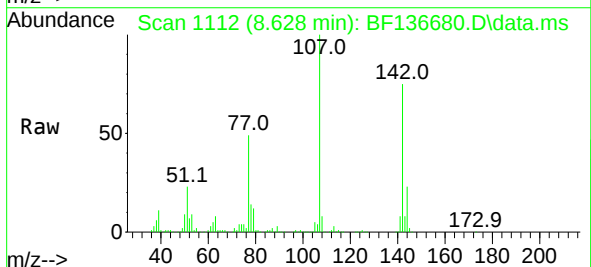
Tgt Ion:113 Resp: 67000
 Ion Ratio Lower Upper
 113 100
 55 193.9 163.1 203.1
 56 151.2 121.7 161.7

Manual Integrations
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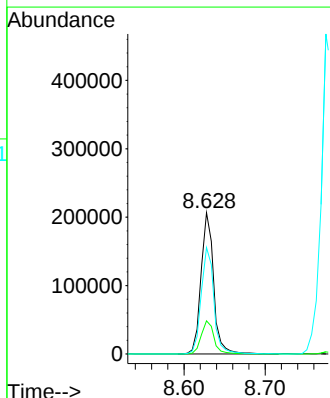
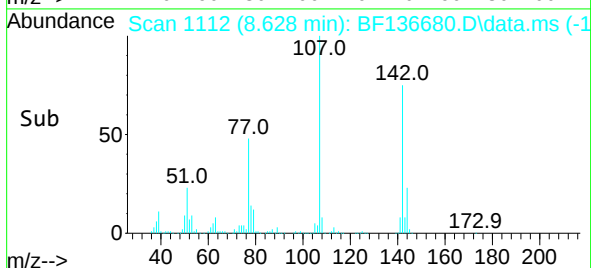
Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

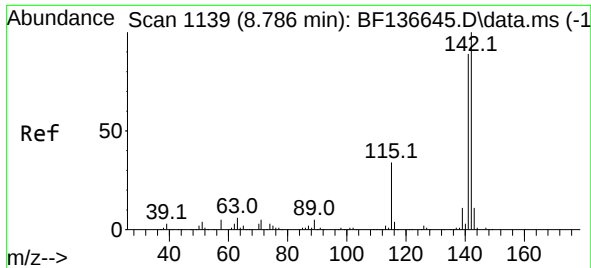


#36
 4-Chloro-3-methylphenol
 Concen: 45.272 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136680.D
 Acq: 22 Dec 2023 11:38



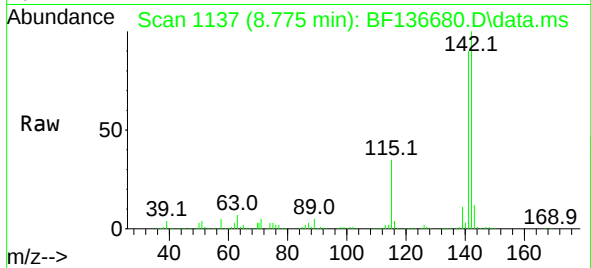
Tgt Ion:107 Resp: 223070
 Ion Ratio Lower Upper
 107 100
 144 23.5 20.2 30.2
 142 75.3 62.3 93.5





#37
2-Methylnaphthalene
Concen: 42.963 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

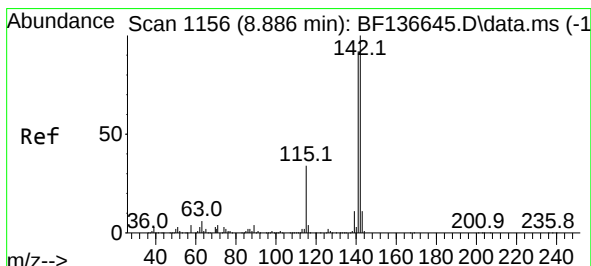
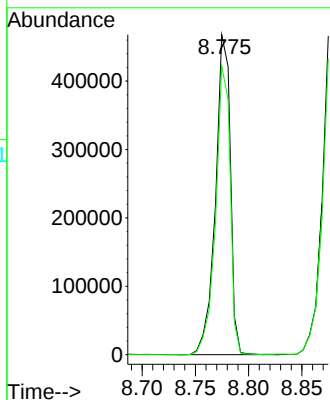
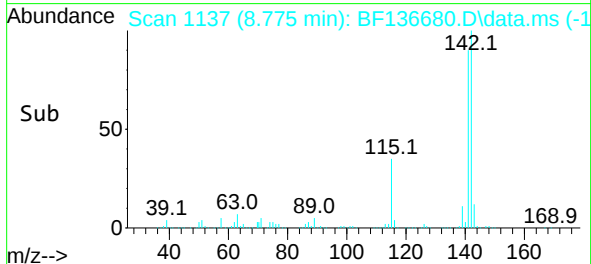
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion:142 Resp: 452879
Ion Ratio Lower Upper
142 100
141 90.2 71.1 106.7

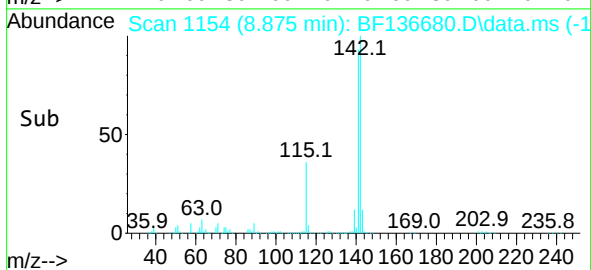
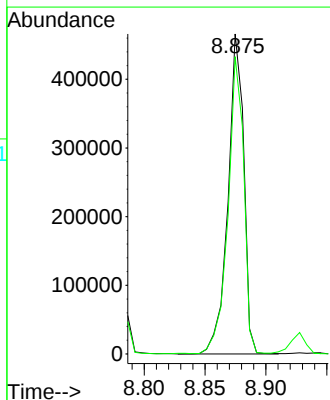
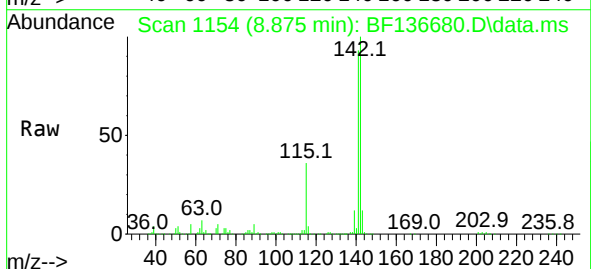
Manual Integrations
APPROVED

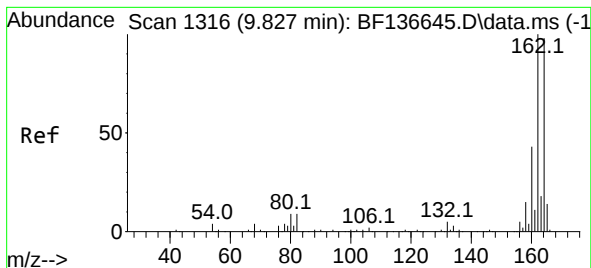
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#38
1-Methylnaphthalene
Concen: 40.753 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Tgt Ion:142 Resp: 421457
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136680.D

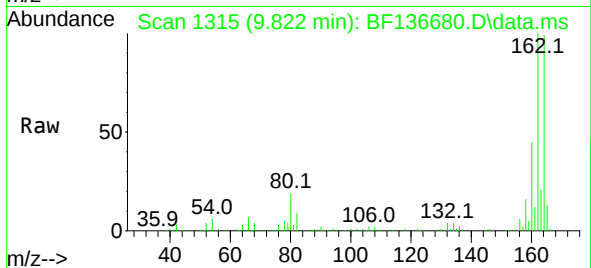
Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD



Tgt Ion:164 Resp: 154020

Ion Ratio Lower Upper

164 100

162 101.2 81.6 122.4

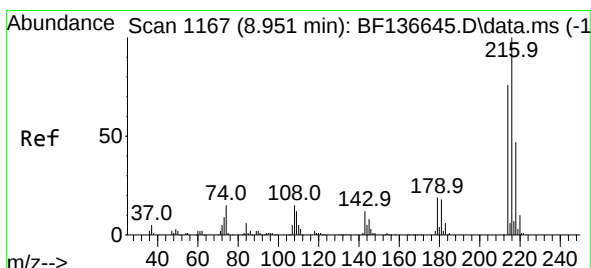
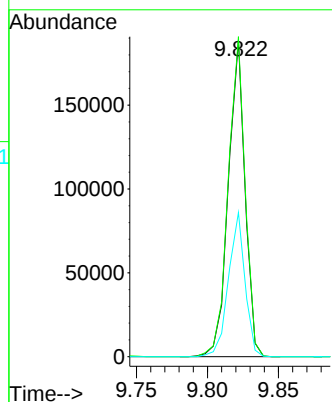
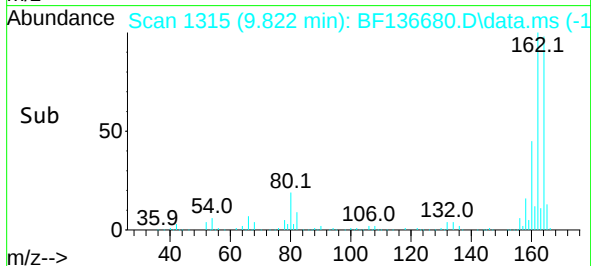
160 45.6 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.662 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

Tgt Ion:216 Resp: 208264

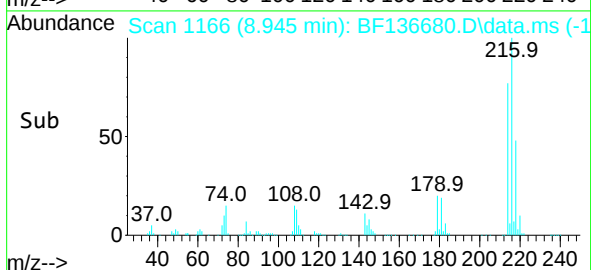
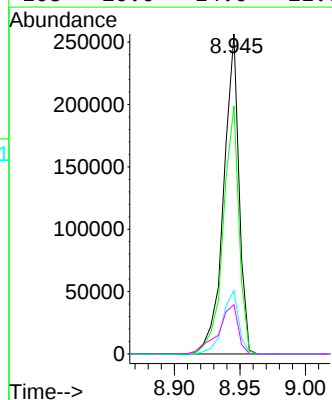
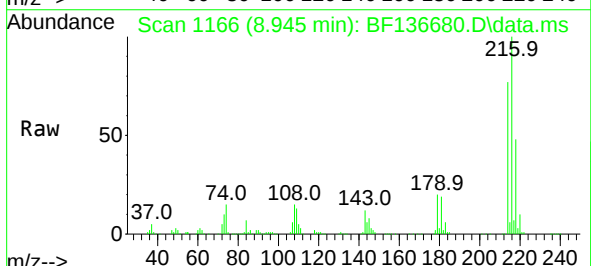
Ion Ratio Lower Upper

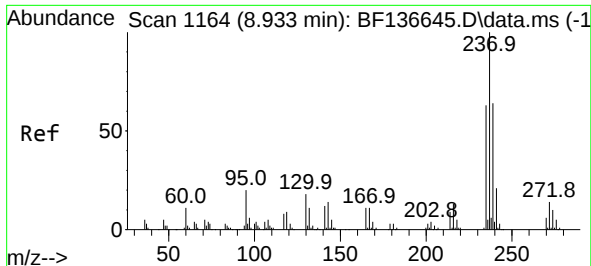
216 100

214 79.4 62.3 93.5

179 20.7 16.4 24.6

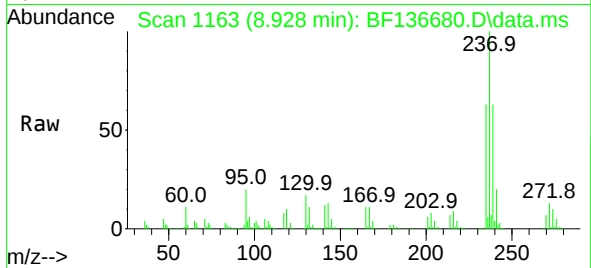
108 20.0 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 140.250 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

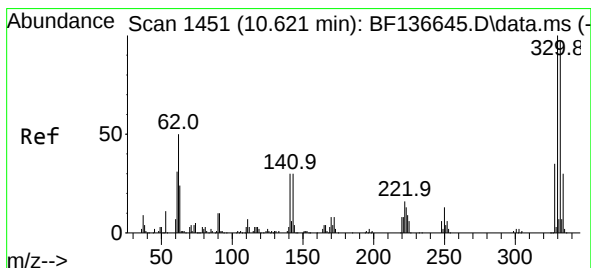
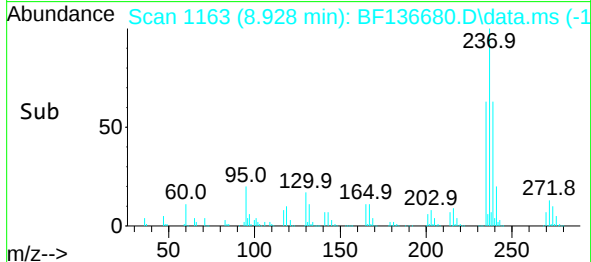
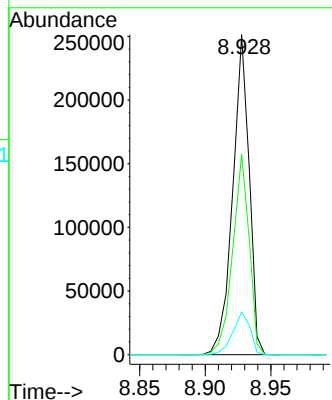
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion:237 Resp: 219278
Ion Ratio Lower Upper
237 100
235 62.7 43.2 83.2
272 13.3 0.0 34.2

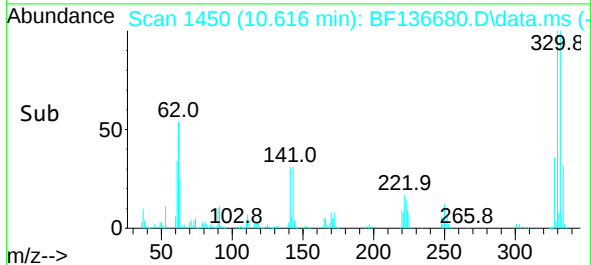
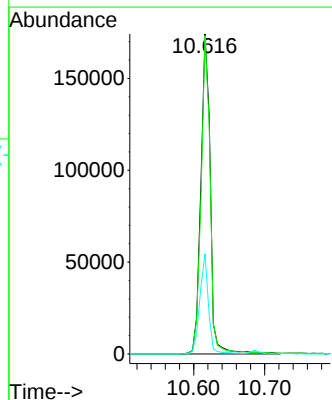
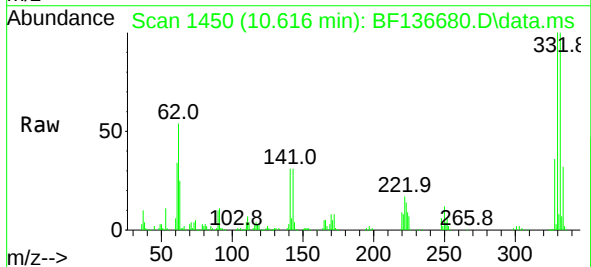
Manual Integrations
APPROVED

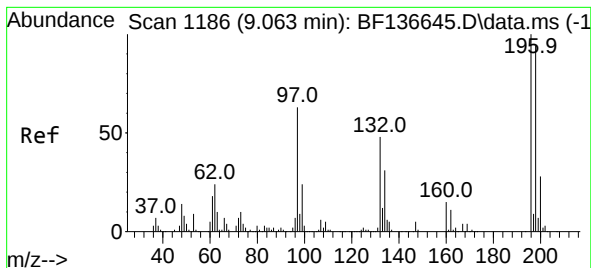
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#42
2,4,6-Tribromophenol
Concen: 89.208 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

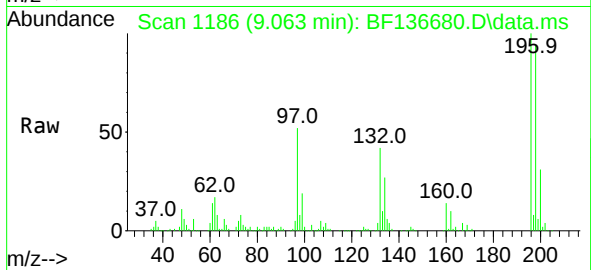
Tgt Ion:330 Resp: 161817
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 28.9 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 45.894 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

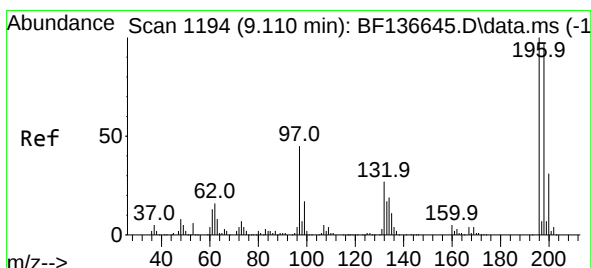
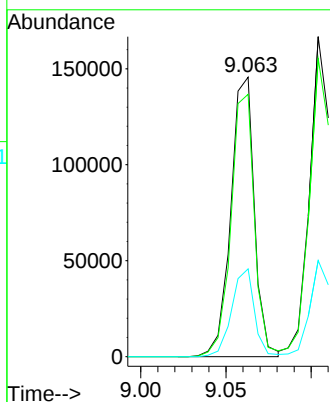
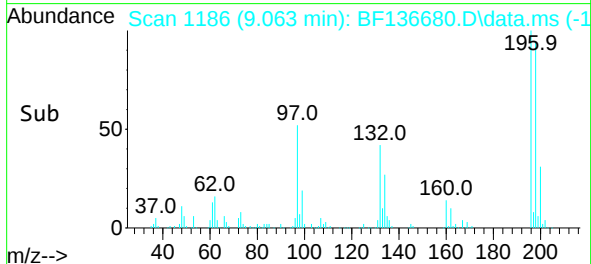
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



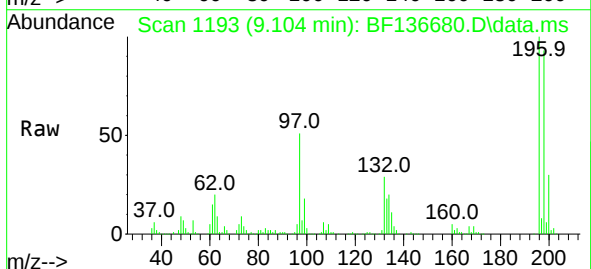
Tgt Ion:196 Resp: 140392
Ion Ratio Lower Upper
196 100
198 93.9 75.1 112.7
200 31.4 22.5 33.7

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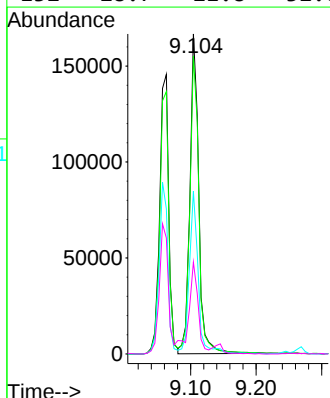
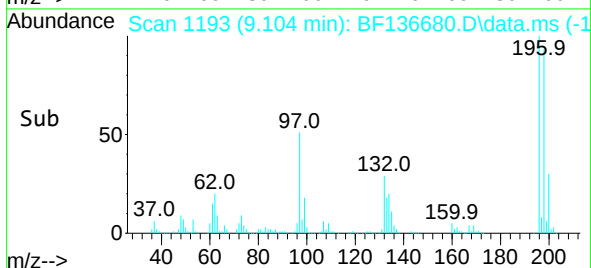
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

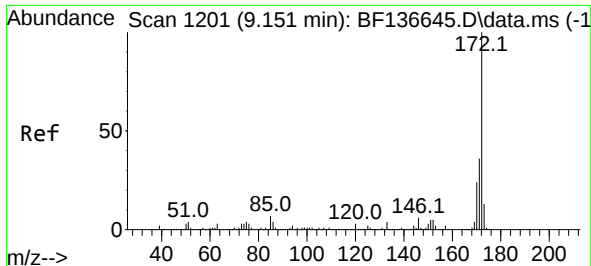


#44
2,4,5-Trichlorophenol
Concen: 45.939 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38



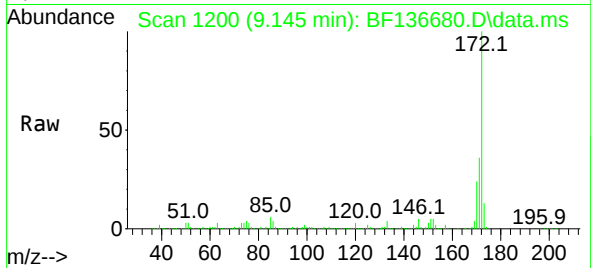
Tgt Ion:196 Resp: 156600
Ion Ratio Lower Upper
196 100
198 93.2 77.0 115.6
97 50.9 36.1 54.1
132 28.7 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 84.219 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

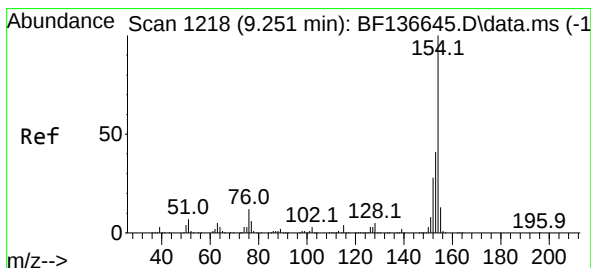
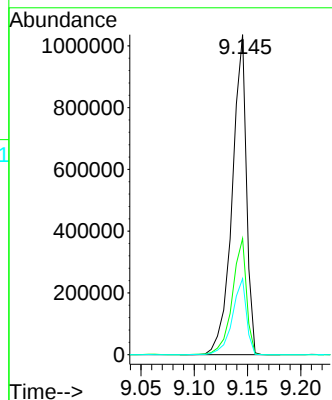
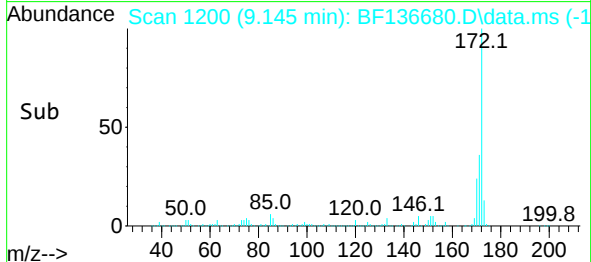
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



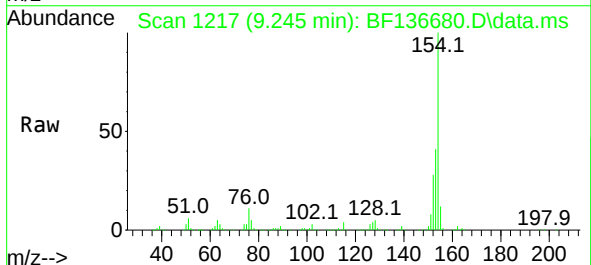
Tgt Ion:172 Resp: 96443
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.8 19.0 28.4

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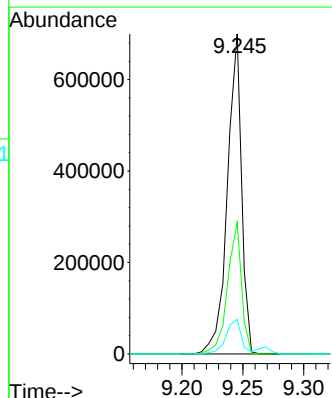
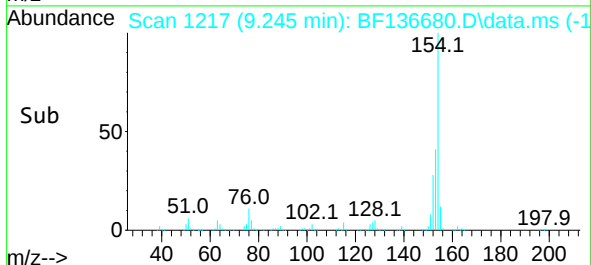
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

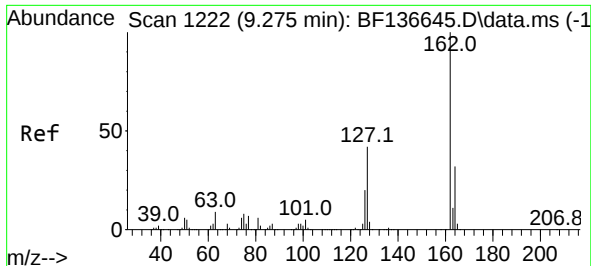


#46
1,1'-Biphenyl
Concen: 43.848 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38



Tgt Ion:154 Resp: 566713
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 10.8 0.0 31.7





#47

2-Chloronaphthalene

Concen: 43.376 ng

RT: 9.269 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

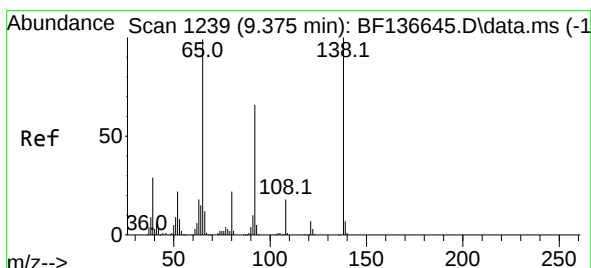
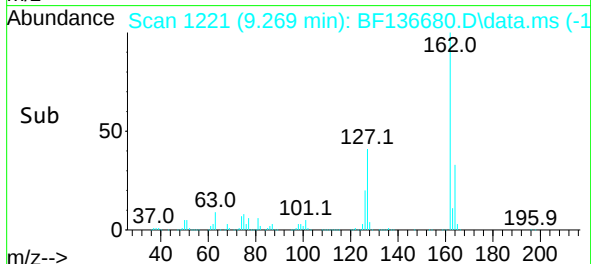
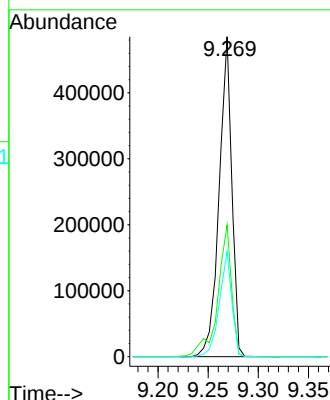
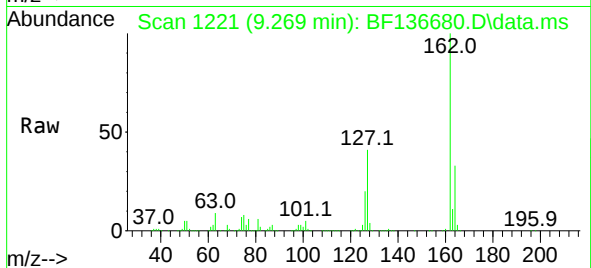
Tgt Ion:162 Resp: 42619
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.6 50.4
 164 32.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#48

2-Nitroaniline

Concen: 45.466 ng

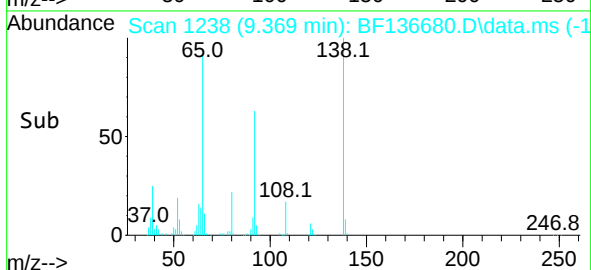
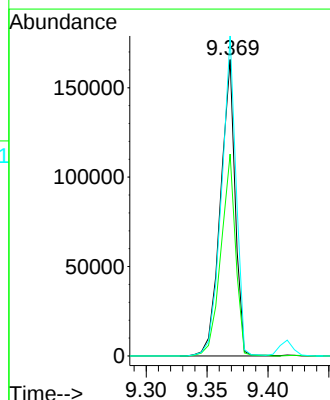
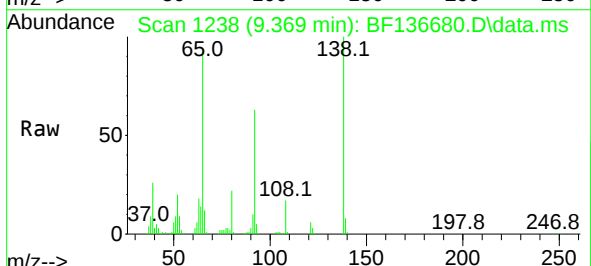
RT: 9.369 min Scan# 1238

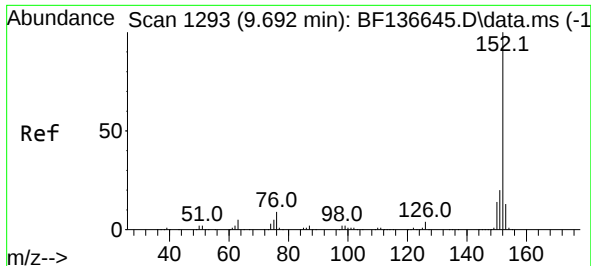
Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

Tgt Ion: 65 Resp: 139892
 Ion Ratio Lower Upper
 65 100
 92 68.1 53.2 79.8
 138 108.0 81.1 121.7





#49
Acenaphthylene
Concen: 45.766 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

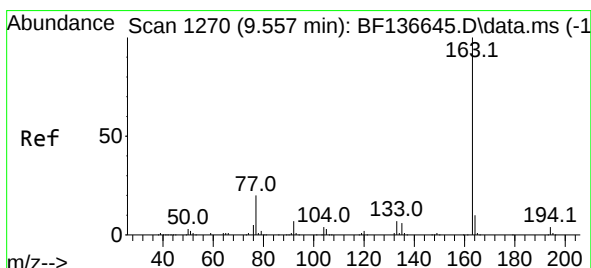
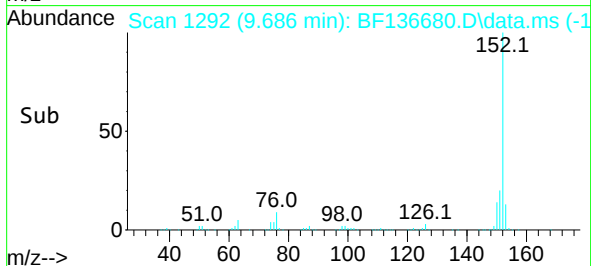
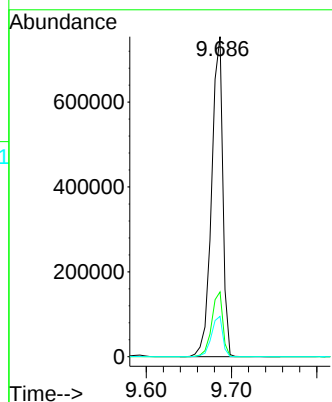
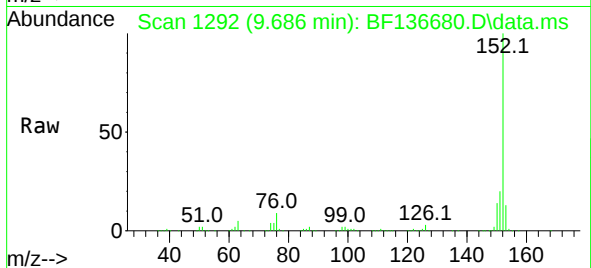
PB157641BSD

Tgt Ion:152 Resp: 687318
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 12.6 10.2 15.2

Manual Integrations

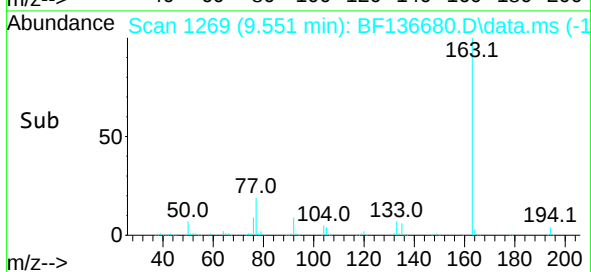
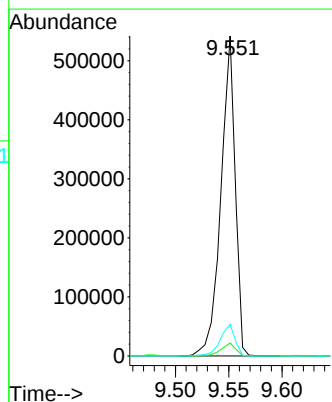
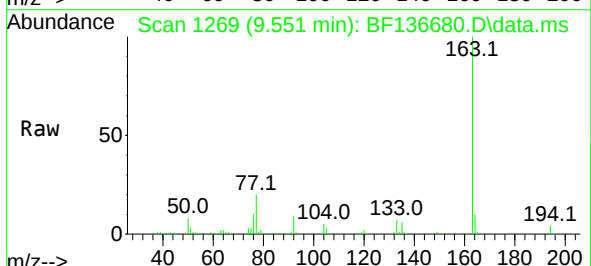
APPROVED

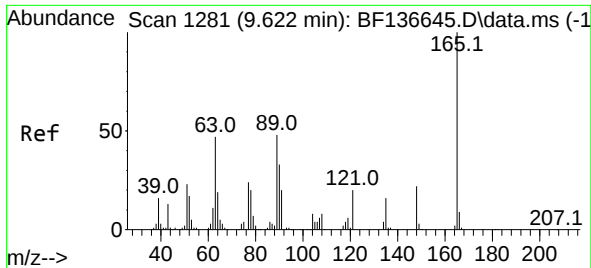
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#50
Dimethylphthalate
Concen: 44.826 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

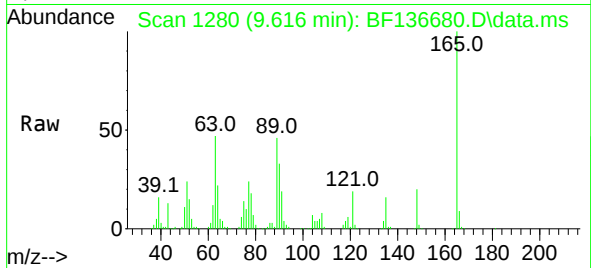
Tgt Ion:163 Resp: 504296
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 44.751 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

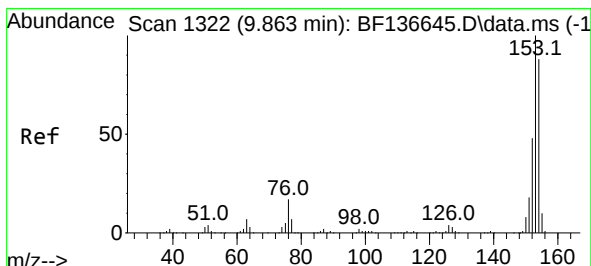
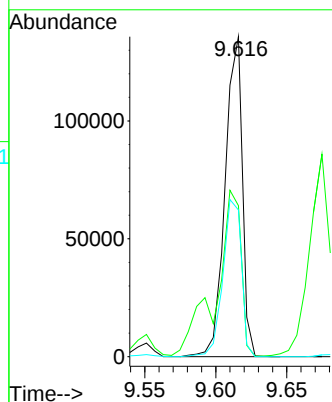
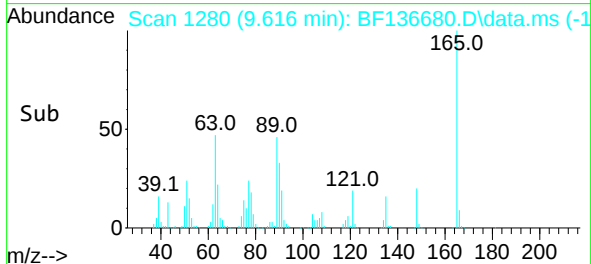
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion:165 Resp: 114259
Ion Ratio Lower Upper
165 100
63 47.2 39.8 59.6
89 45.8 38.8 58.2

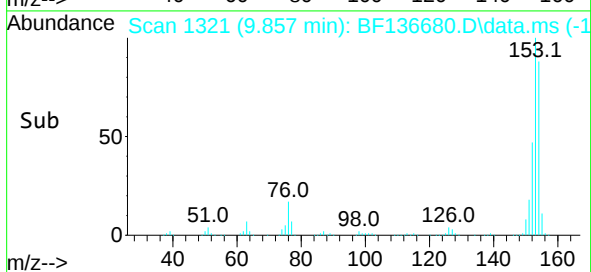
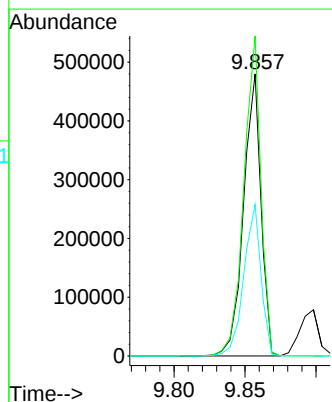
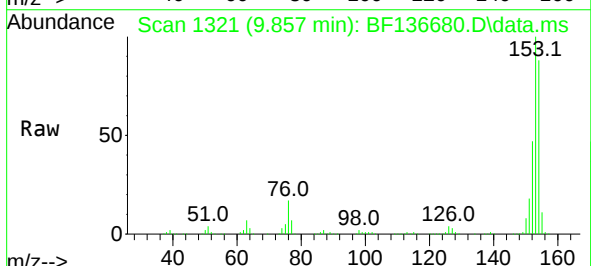
Manual Integrations
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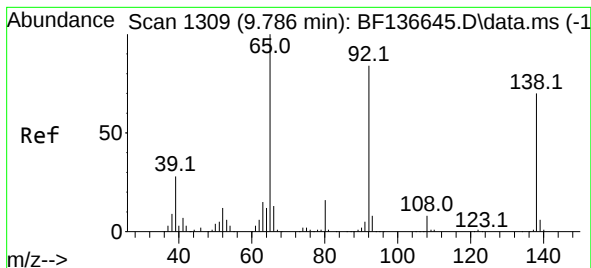
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#52
Acenaphthene
Concen: 44.183 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Tgt Ion:154 Resp: 411324
Ion Ratio Lower Upper
154 100
153 113.4 90.7 136.1
152 53.7 43.7 65.5





#53

3-Nitroaniline

Concen: 29.382 ng

RT: 9.781 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

Tgt Ion:138 Resp: 79469

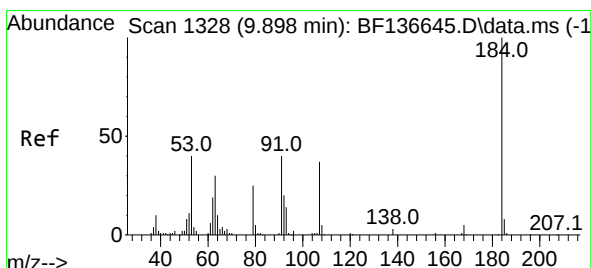
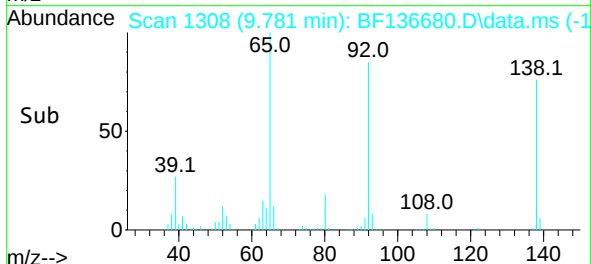
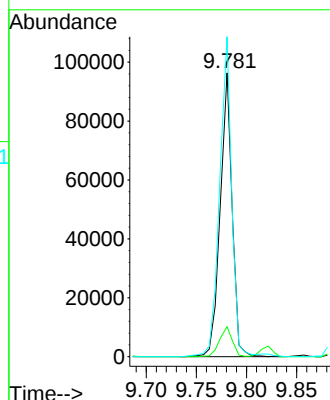
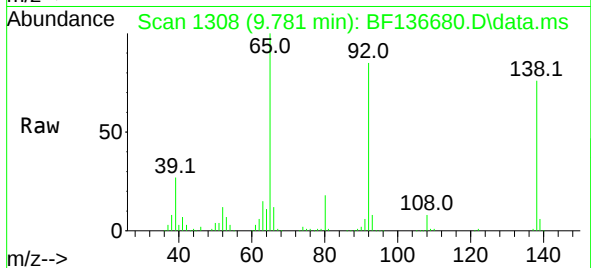
Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.6	12.8
92	112.7	95.2	142.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#54

2,4-Dinitrophenol

Concen: 89.506 ng

RT: 9.898 min Scan# 1328

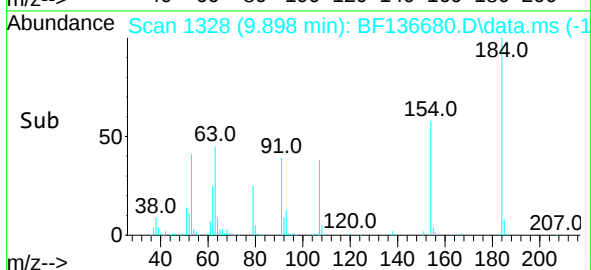
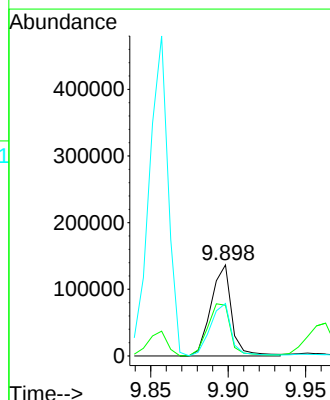
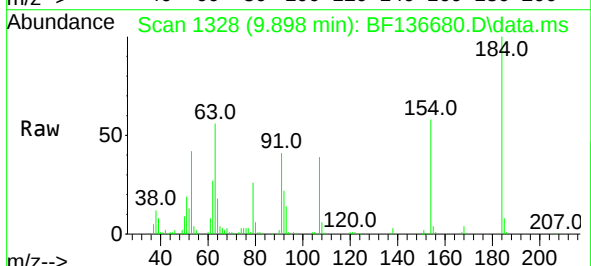
Delta R.T. 0.000 min

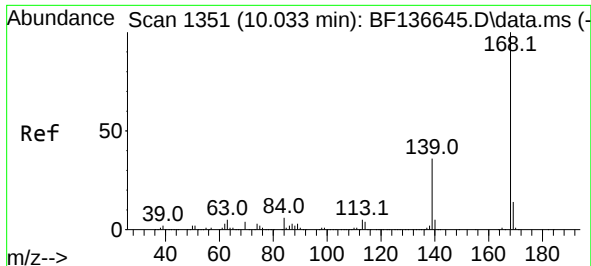
Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

Tgt Ion:184 Resp: 127313

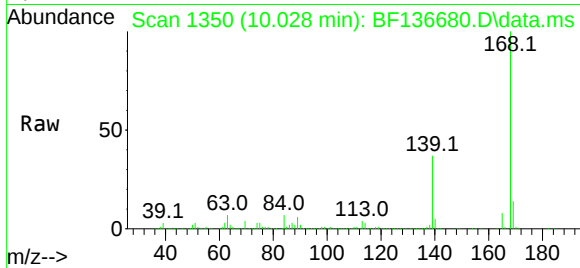
Ion	Ratio	Lower	Upper
184	100		
63	55.6	40.9	61.3
154	57.5	42.7	64.1





#55
Dibenzenofuran
Concen: 44.488 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

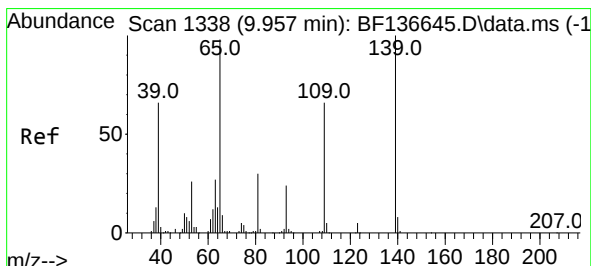
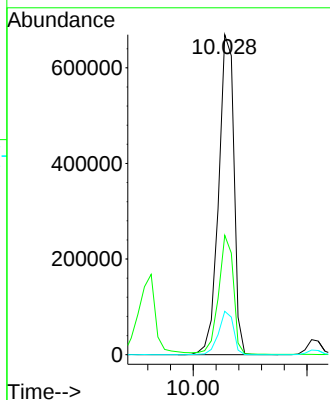
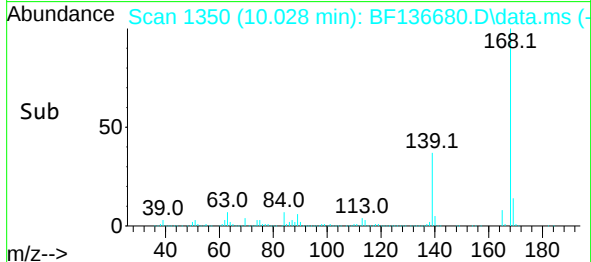
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion:168 Resp: 627814
Ion Ratio Lower Upper
168 100
139 37.3 29.3 43.9
169 13.6 11.0 16.4

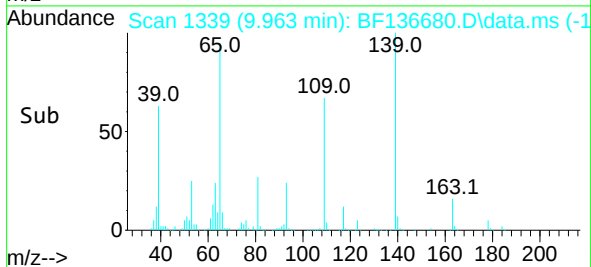
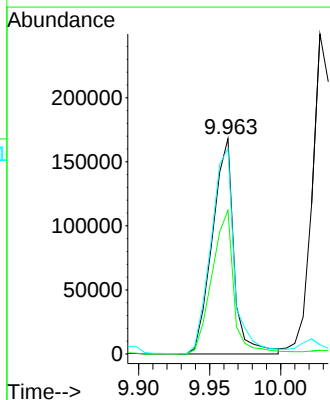
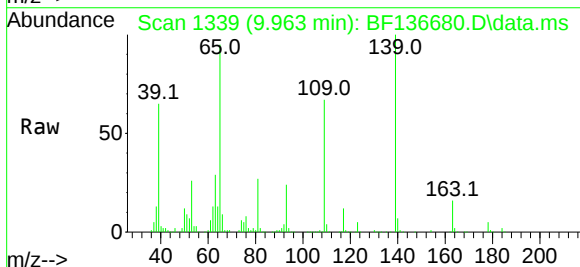
Manual Integrations
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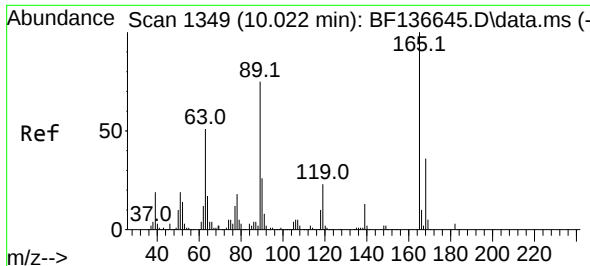
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#56
4-Nitrophenol
Concen: 97.323 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

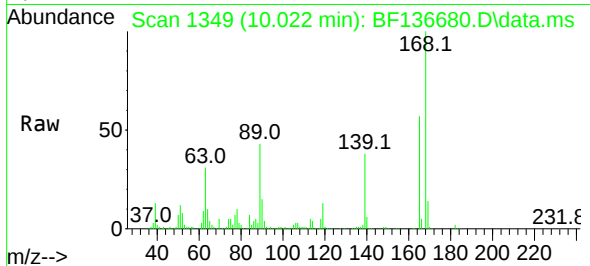
Tgt Ion:139 Resp: 177691
Ion Ratio Lower Upper
139 100
109 66.7 45.8 85.8
65 95.3 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 42.733 ng
RT: 10.022 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

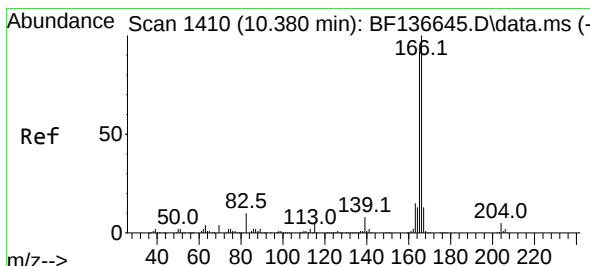
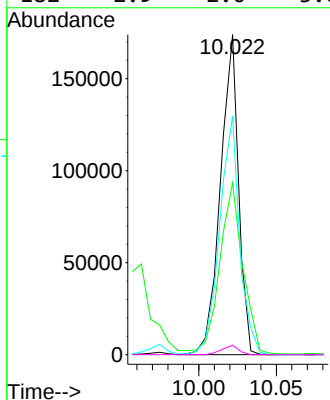
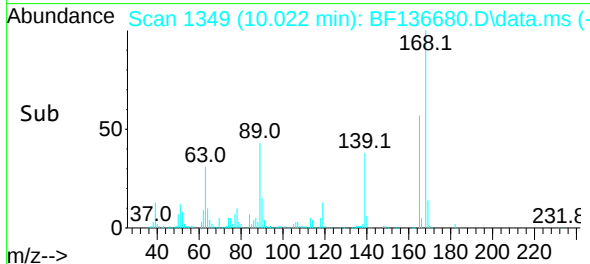
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



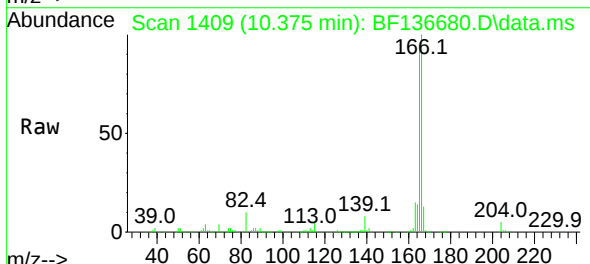
Tgt Ion:165 Resp: 141639
Ion Ratio Lower Upper
165 100
63 53.7 41.0 61.6
89 74.7 59.9 89.9
182 2.9 2.0 3.0

Manual Integrations
APPROVED

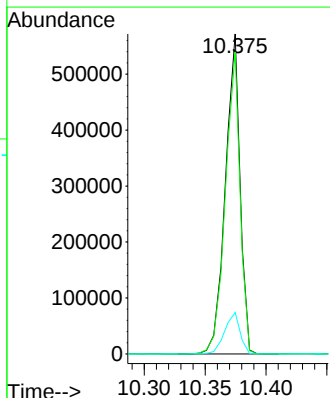
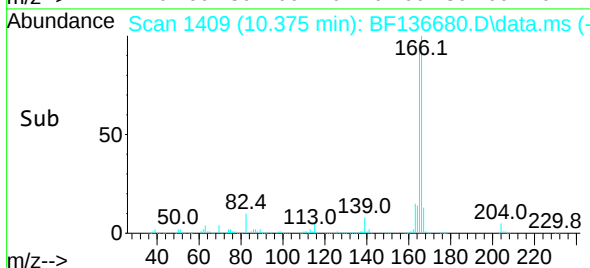
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

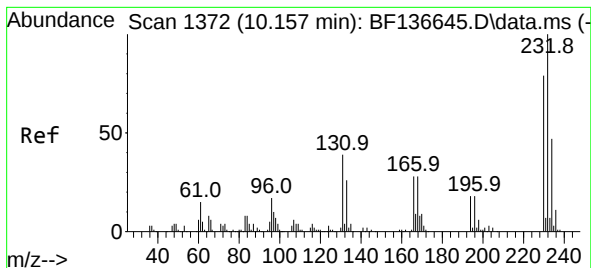


#58
Fluorene
Concen: 42.908 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38



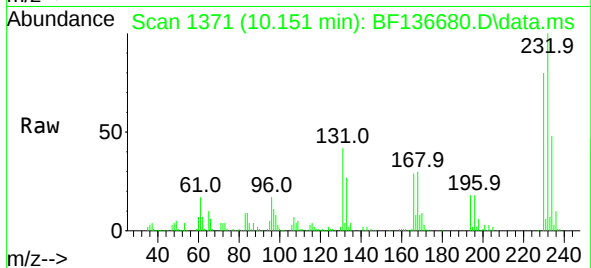
Tgt Ion:166 Resp: 480456
Ion Ratio Lower Upper
166 100
165 94.4 73.7 110.5
167 12.9 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.000 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

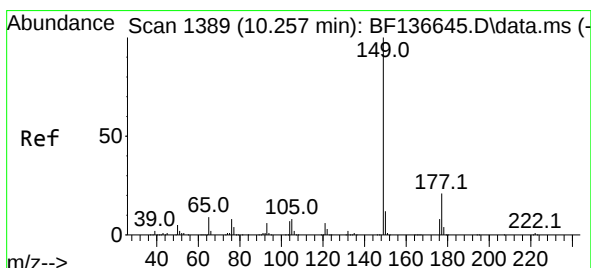
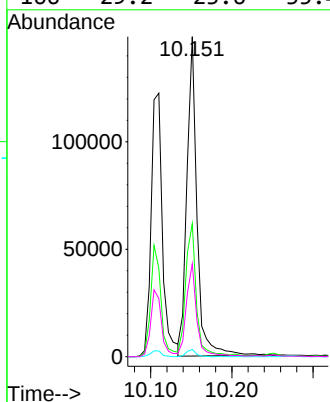
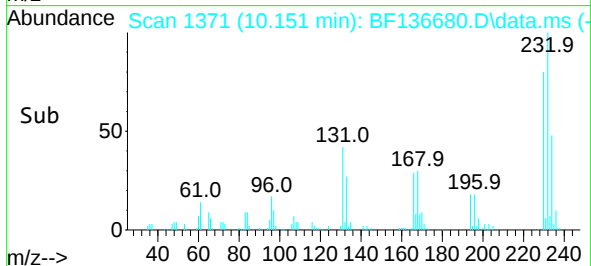
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



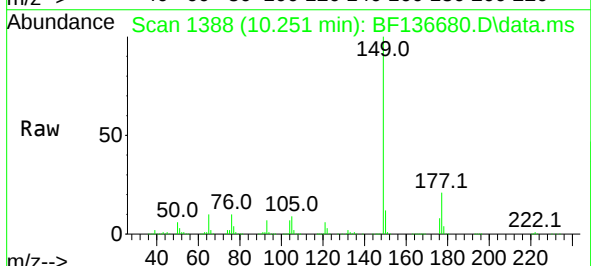
Tgt Ion:232 Resp: 128580
Ion Ratio Lower Upper
232 100
131 43.1 35.1 52.7
130 2.1 1.6 2.4
166 29.2 23.6 35.4

Manual Integrations
APPROVED

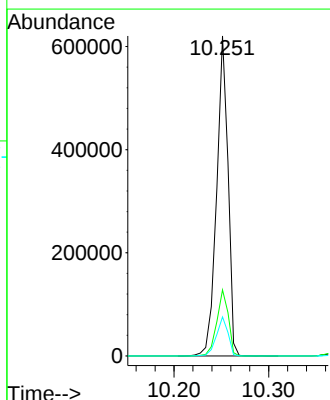
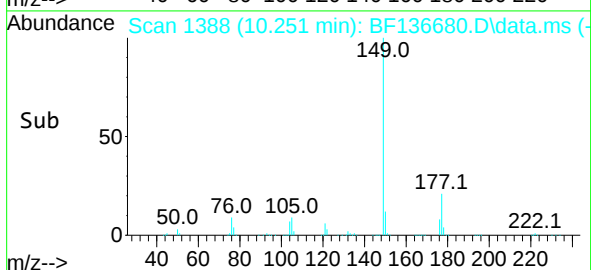
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

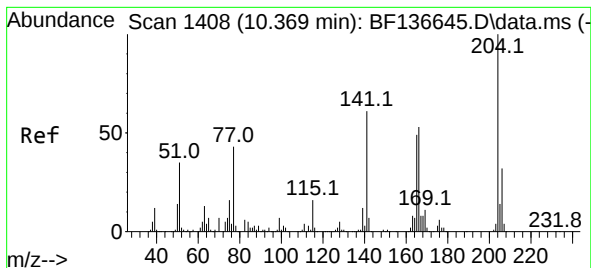


#60
Diethylphthalate
Concen: 44.445 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38



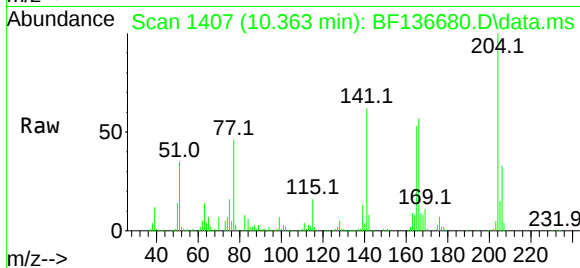
Tgt Ion:149 Resp: 518792
Ion Ratio Lower Upper
149 100
177 20.6 16.9 25.3
150 12.2 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 42.557 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

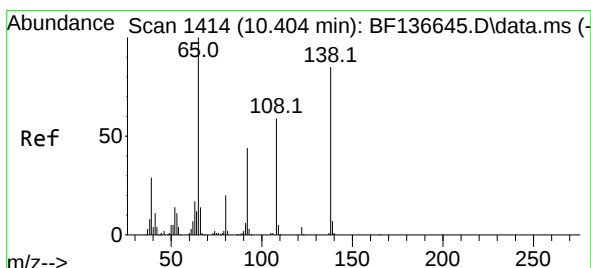
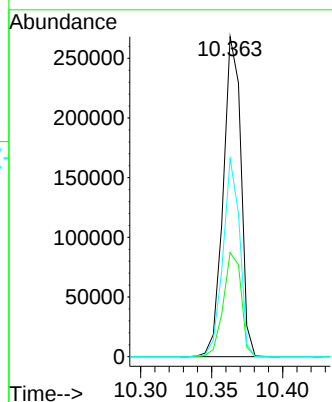
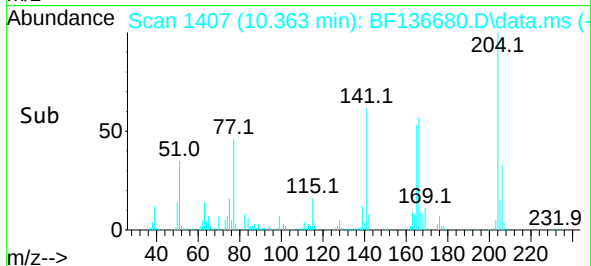
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion:204 Resp: 23162
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 62.0 48.4 72.6

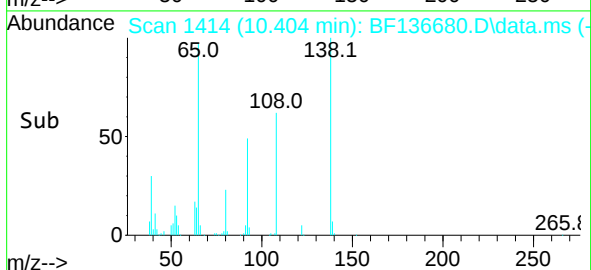
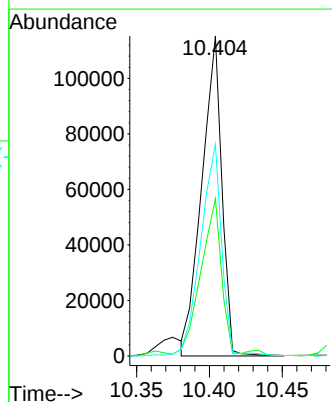
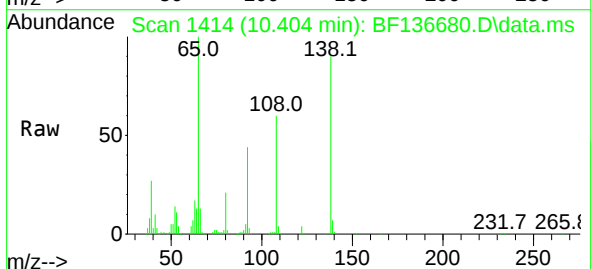
Manual Integrations
APPROVED

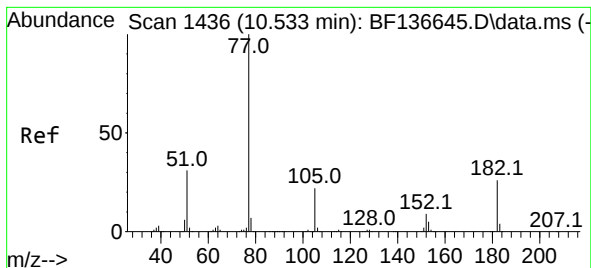
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#62
4-Nitroaniline
Concen: 42.488 ng m
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Tgt Ion:138 Resp: 110779
Ion Ratio Lower Upper
138 100
92 49.1 32.1 72.1
108 66.2 50.1 90.1





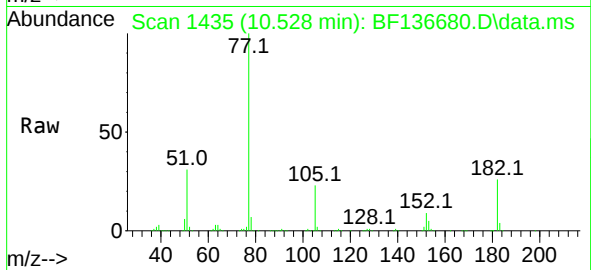
#63
Azobenzene
Concen: 44.670 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

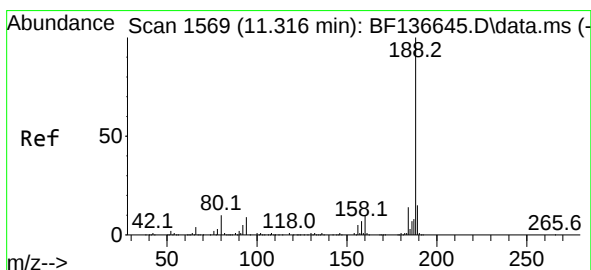
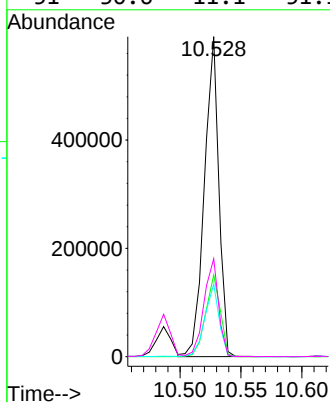
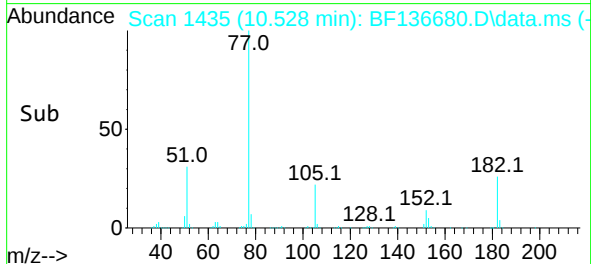


Tgt Ion: 77 Resp: 487000
Ion Ratio Lower Upper
77 100
182 25.6 6.0 46.0
105 22.7 2.3 42.3
51 30.6 11.1 51.1

Manual Integrations

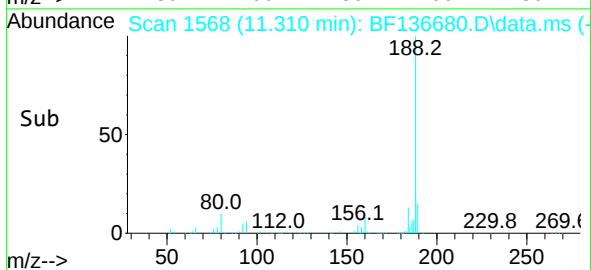
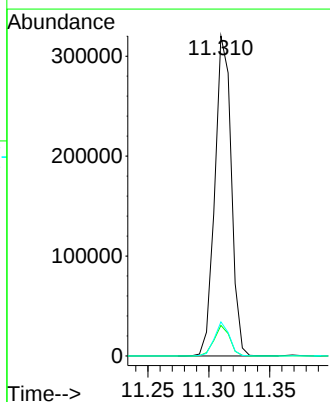
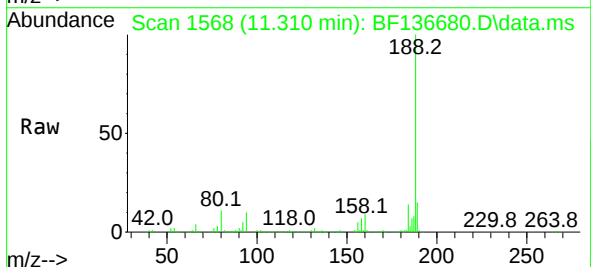
APPROVED

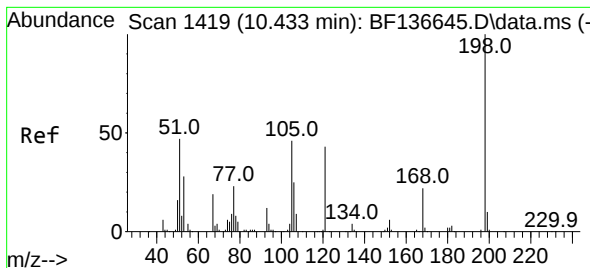
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Tgt Ion:188 Resp: 301427
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.7 8.1 12.1





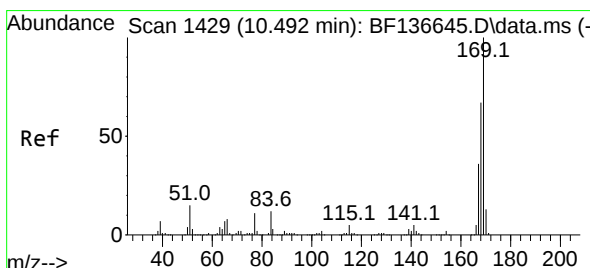
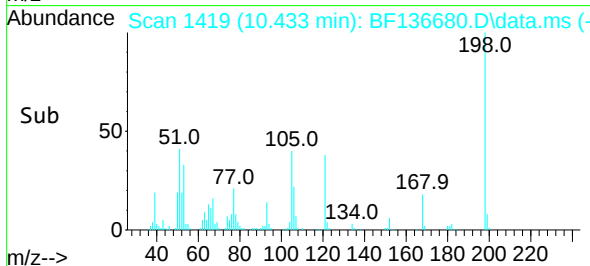
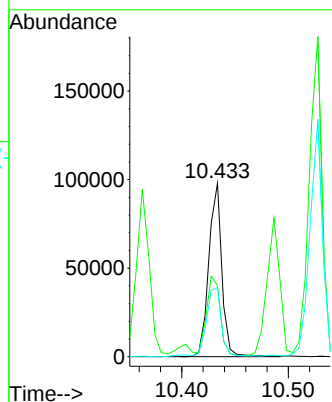
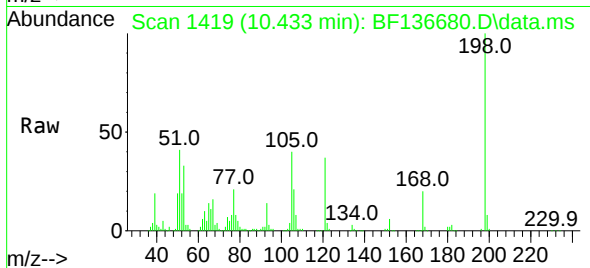
#65
4,6-Dinitro-2-methylphenol
Concen: 48.479 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB157641BSD

Tgt Ion:198 Resp: 83740
Ion Ratio Lower Upper
198 100
51 41.1 34.1 74.1
105 39.8 27.3 67.3

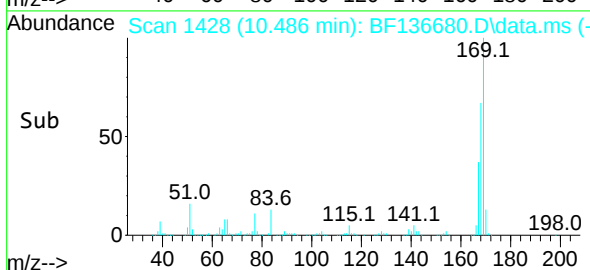
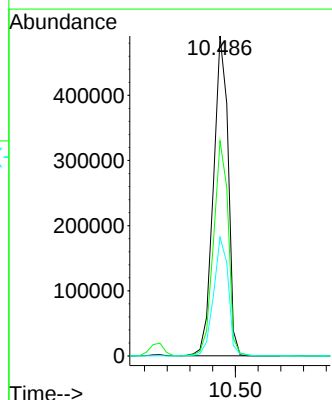
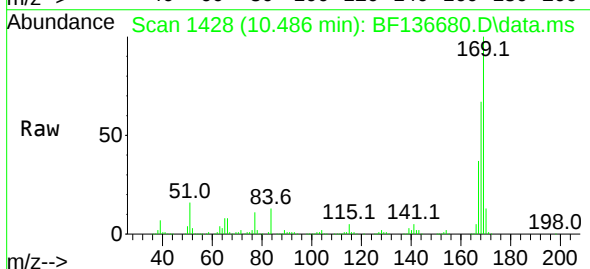
Manual Integrations
APPROVED

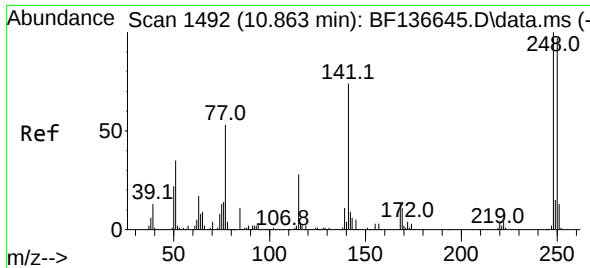
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#66
n-Nitrosodiphenylamine
Concen: 45.105 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

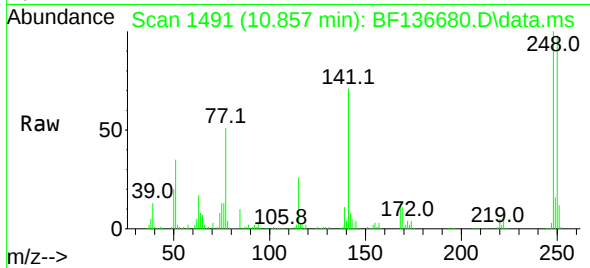
Tgt Ion:169 Resp: 441653
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.6
167 37.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 44.560 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

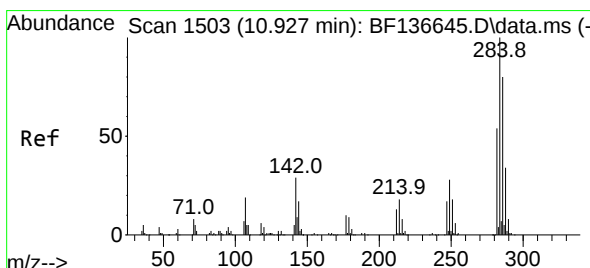
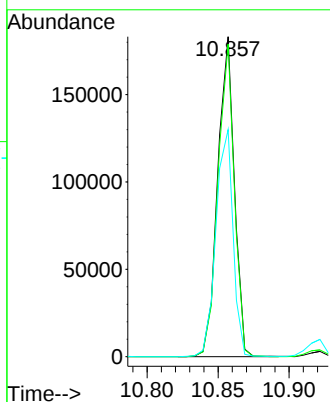
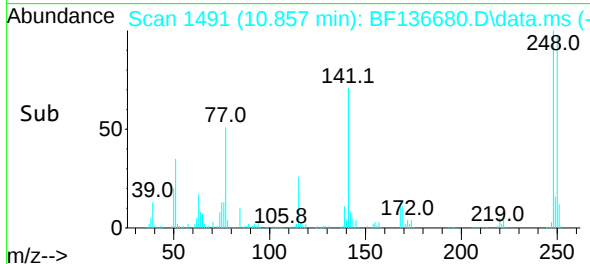
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



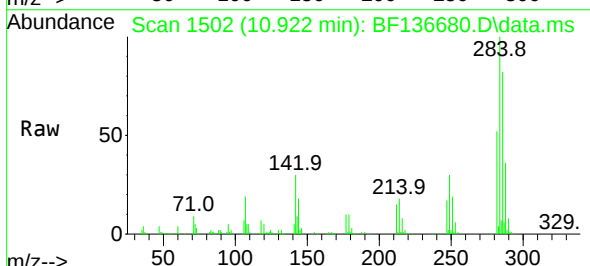
Tgt Ion:248 Resp: 149168
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.6
141 71.0 59.2 88.8

Manual Integrations
APPROVED

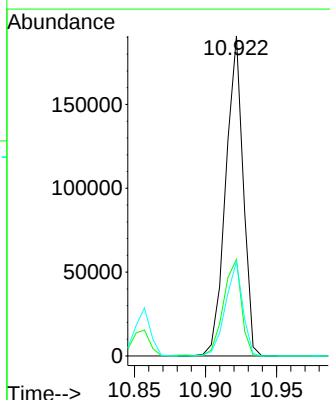
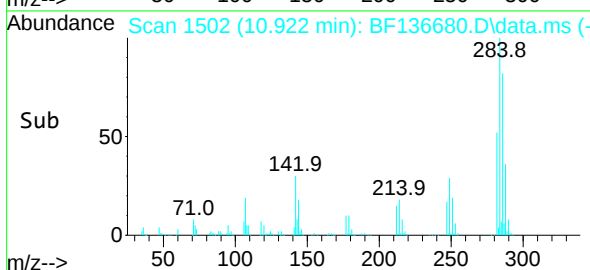
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

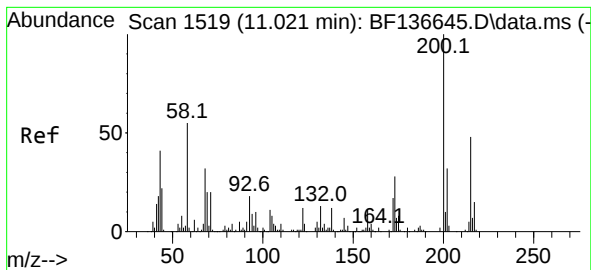


#68
Hexachlorobenzene
Concen: 43.503 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38



Tgt Ion:284 Resp: 162290
Ion Ratio Lower Upper
284 100
142 30.2 23.4 35.0
249 29.6 22.3 33.5





#69

Atrazine

Concen: 56.224 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

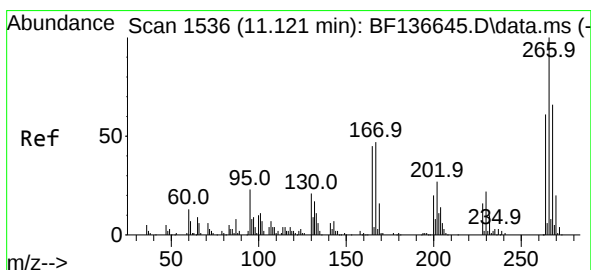
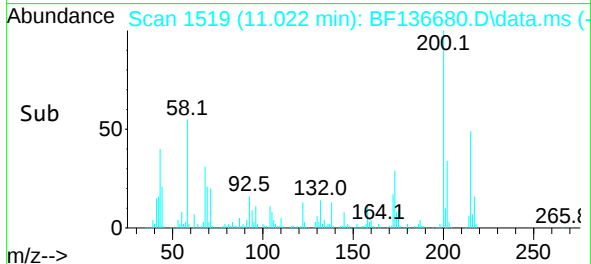
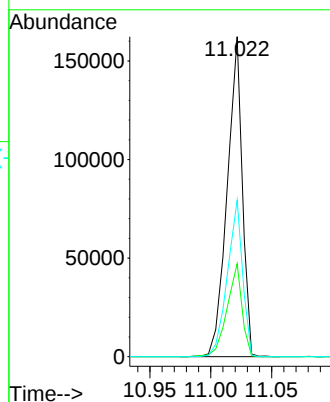
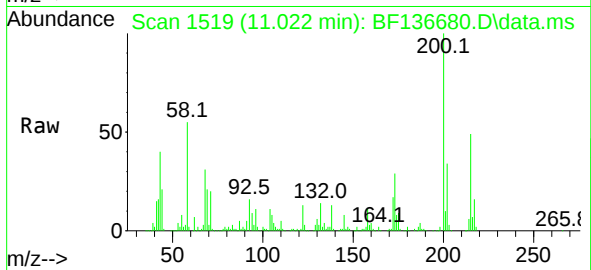
Tgt Ion:200 Resp: 140810
 Ion Ratio Lower Upper
 200 100
 173 29.1 7.6 47.6
 215 48.9 28.3 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#70

Pentachlorophenol

Concen: 88.495 ng

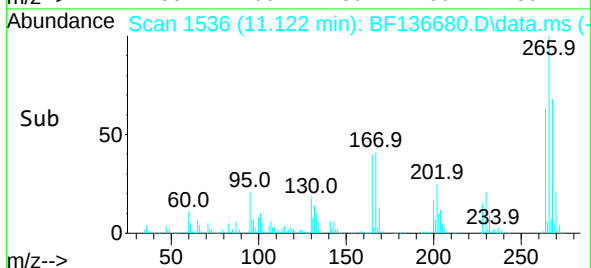
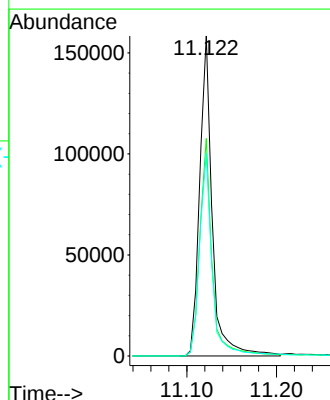
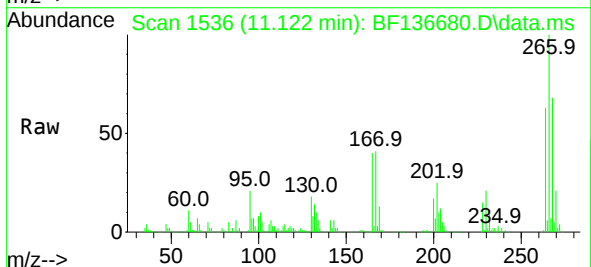
RT: 11.122 min Scan# 1536

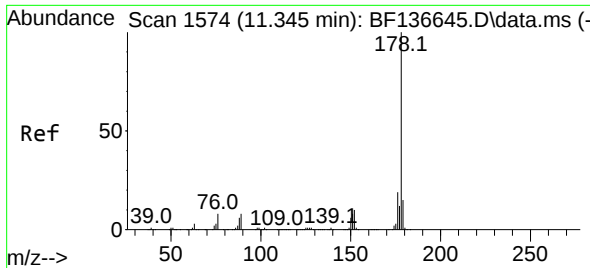
Delta R.T. 0.000 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

Tgt Ion:266 Resp: 153881
 Ion Ratio Lower Upper
 266 100
 268 68.0 52.6 78.8
 264 63.3 49.0 73.4





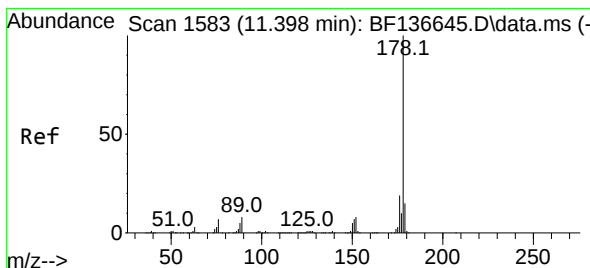
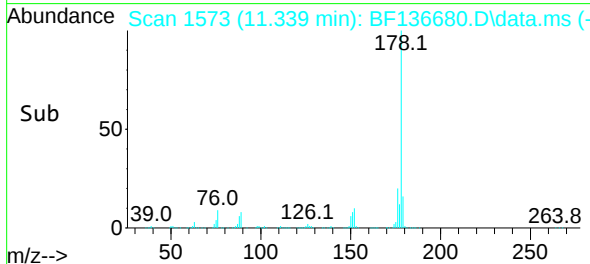
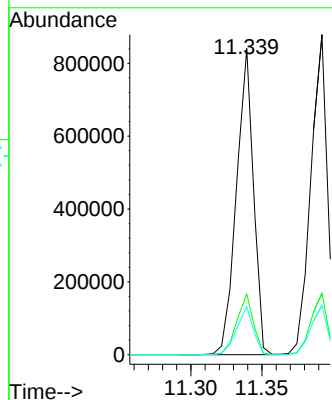
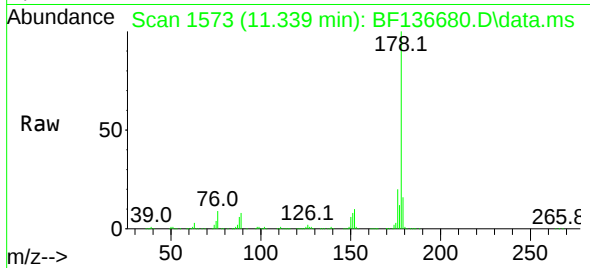
#71
Phenanthrene
Concen: 45.358 ng
RT: 11.339 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB157641BSD

Tgt Ion:178 Resp: 701524
Ion Ratio Lower Upper
178 100
176 19.8 15.3 22.9
179 15.7 11.9 17.9

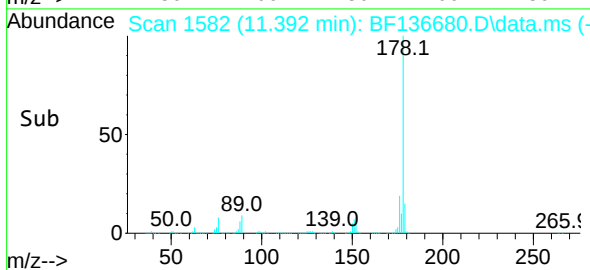
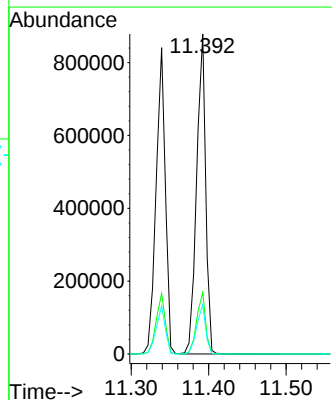
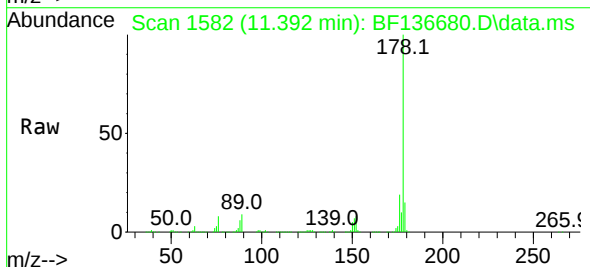
Manual Integrations
APPROVED

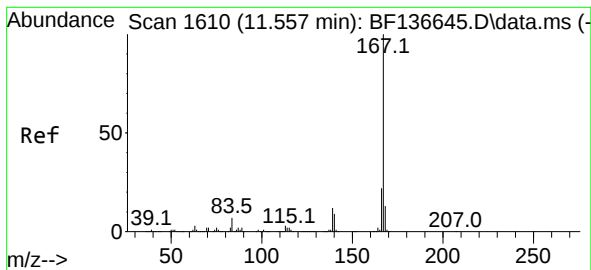
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#72
Anthracene
Concen: 45.728 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Tgt Ion:178 Resp: 716246
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 15.3 11.8 17.6





#73

Carbazole

Concen: 44.578 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

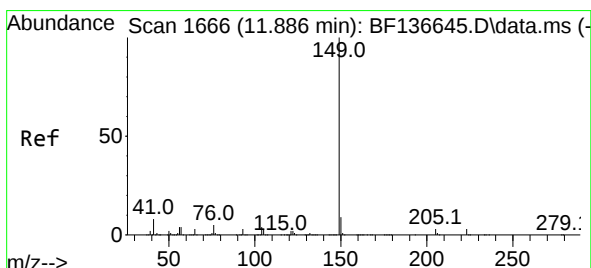
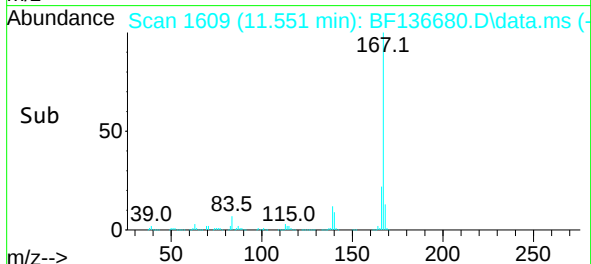
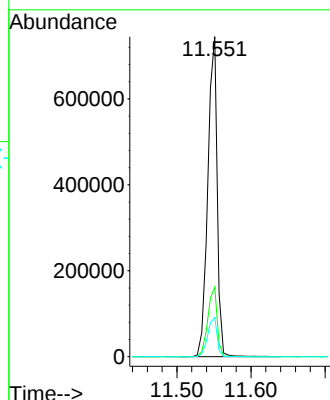
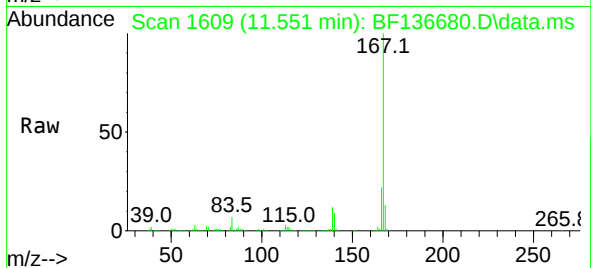
PB157641BSD

Tgt Ion:167	Resp: 65831
Ion Ratio	Lower Upper
167	100
166	21.7 17.3 25.9
139	12.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#74

Di-n-butylphthalate

Concen: 45.844 ng

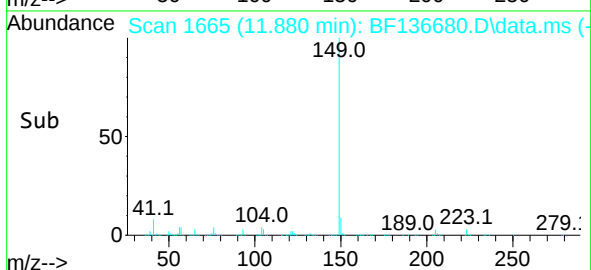
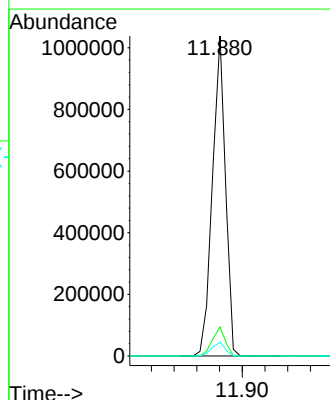
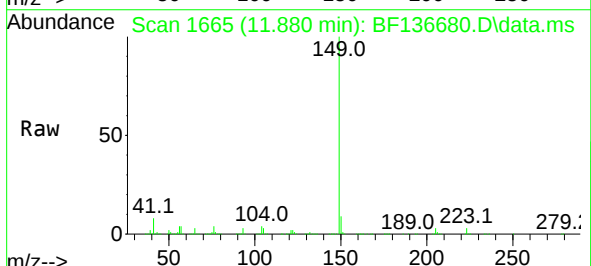
RT: 11.880 min Scan# 1665

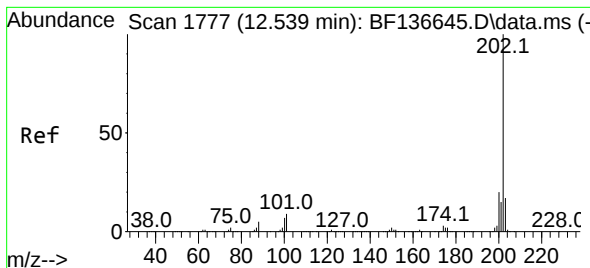
Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

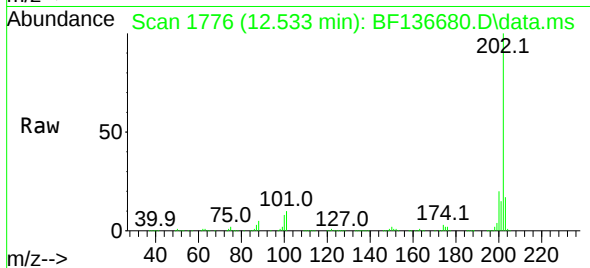
Tgt Ion:149	Resp: 826120
Ion Ratio	Lower Upper
149	100
150	9.1 7.4 11.2
104	4.3 3.6 5.4





#75
Fluoranthene
Concen: 44.360 ng
RT: 12.533 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

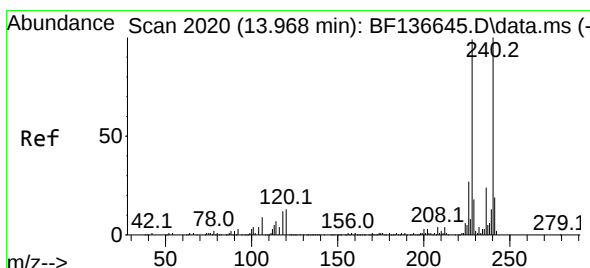
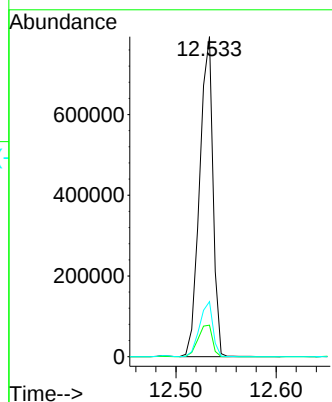
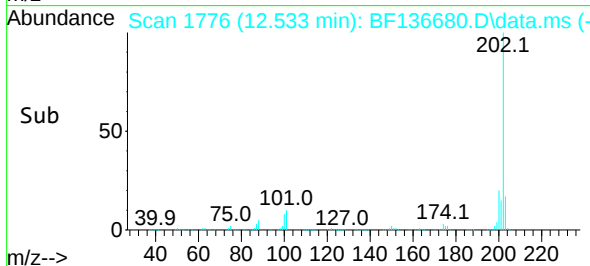
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



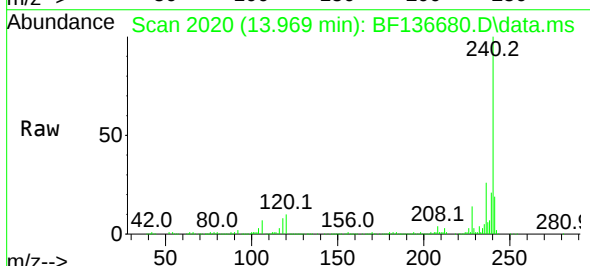
Tgt Ion:202 Resp: 73388
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.3
203 17.2 0.0 37.1

Manual Integrations
APPROVED

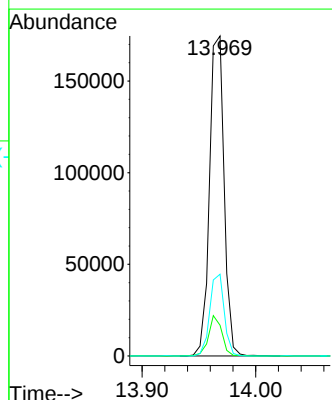
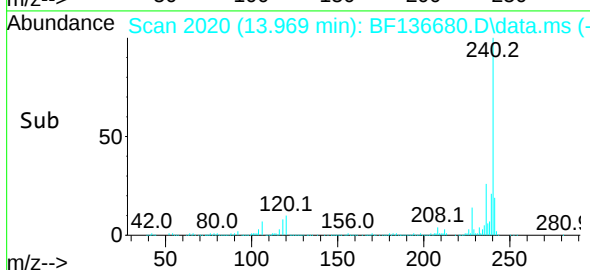
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

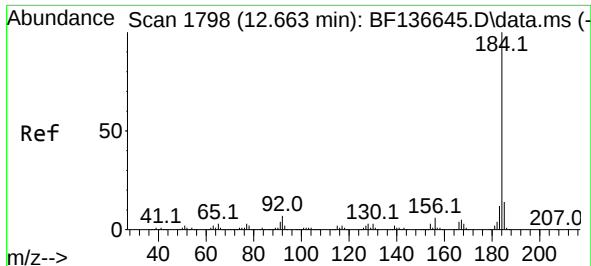


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38



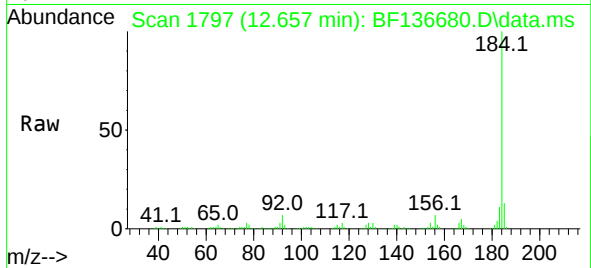
Tgt Ion:240 Resp: 155703
Ion Ratio Lower Upper
240 100
120 9.6 10.3 15.5#
236 25.5 19.4 29.2





#77
Benzidine
Concen: 33.298 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

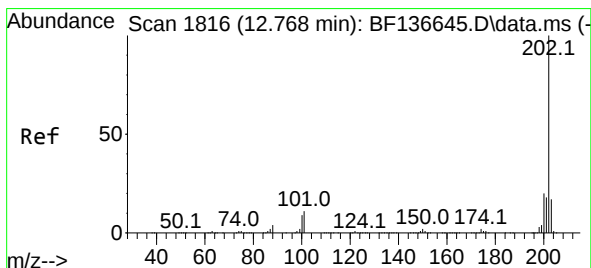
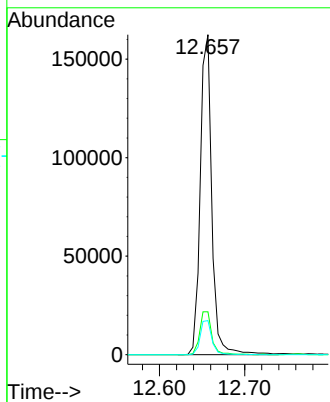
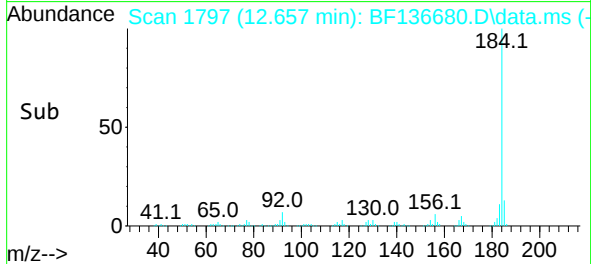
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion:184 Resp: 152870
Ion Ratio Lower Upper
184 100
185 13.4 11.2 16.8
183 10.6 9.3 13.9

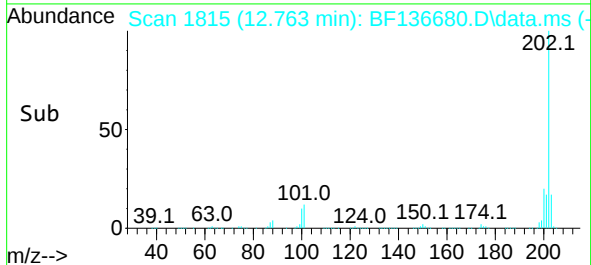
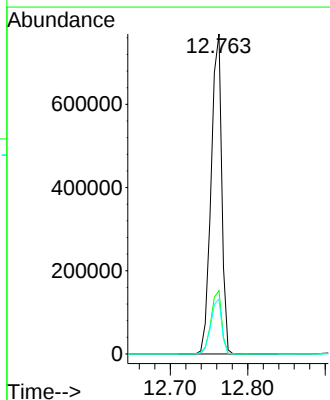
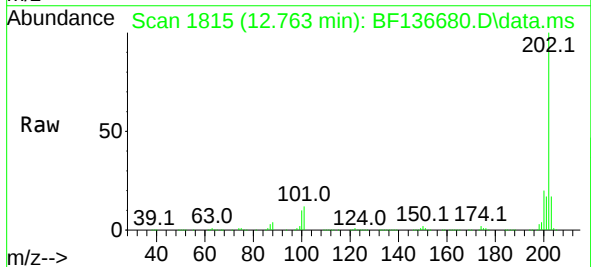
Manual Integrations
APPROVED

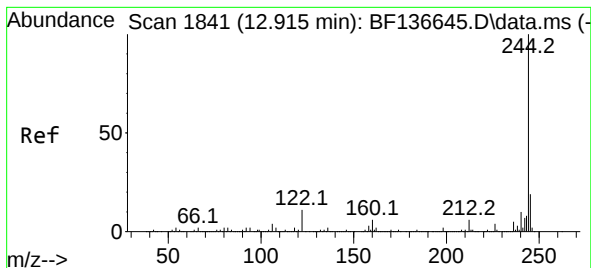
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#78
Pyrene
Concen: 47.863 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

Tgt Ion:202 Resp: 731572
Ion Ratio Lower Upper
202 100
200 19.8 15.9 23.9
203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 90.551 ng

RT: 12.910 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

Tgt Ion:244 Resp: 100890

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

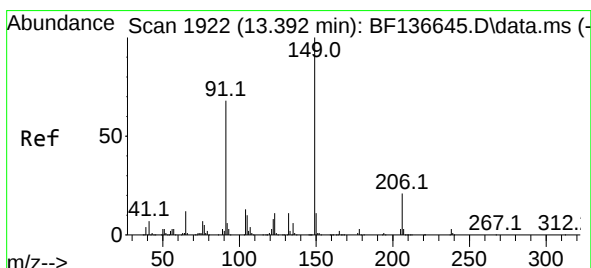
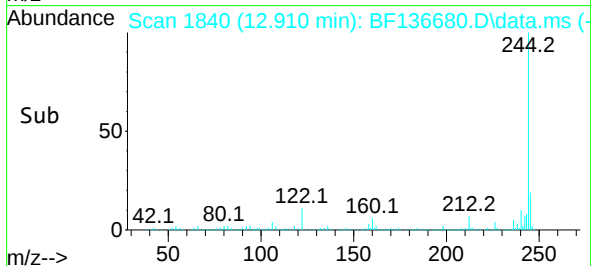
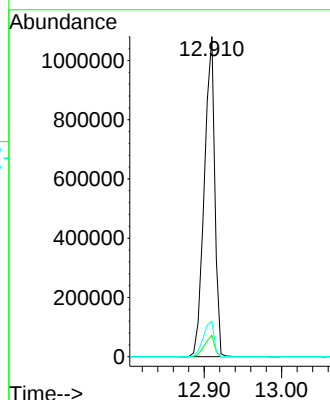
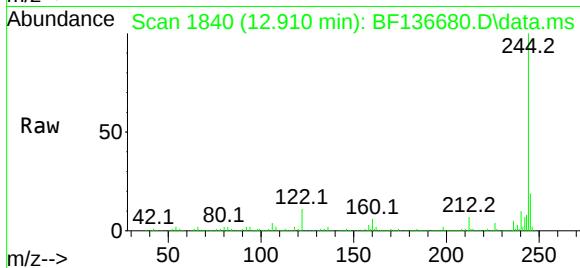
122 11.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#80

Butylbenzylphthalate

Concen: 49.714 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

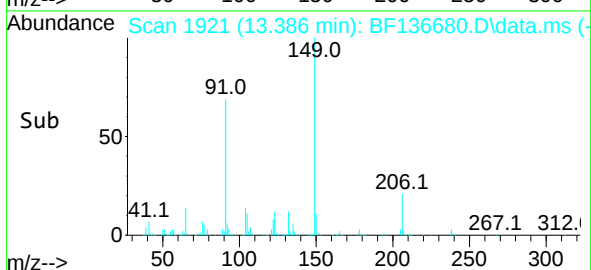
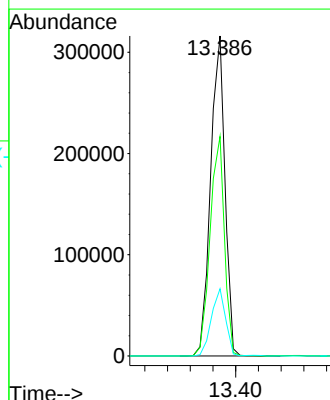
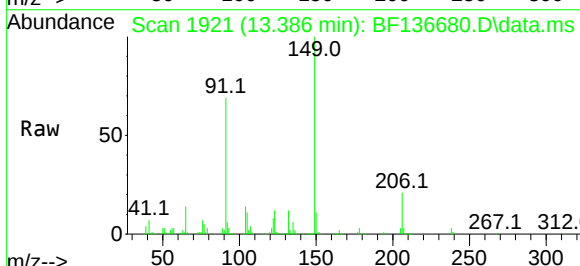
Tgt Ion:149 Resp: 276497

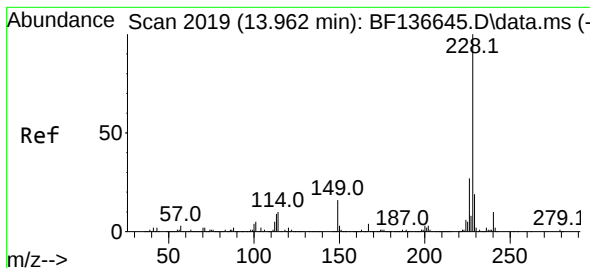
Ion Ratio Lower Upper

149 100

91 68.6 54.1 81.1

206 21.0 17.1 25.7





#81

Benzo(a)anthracene

Concen: 45.849 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136680.D

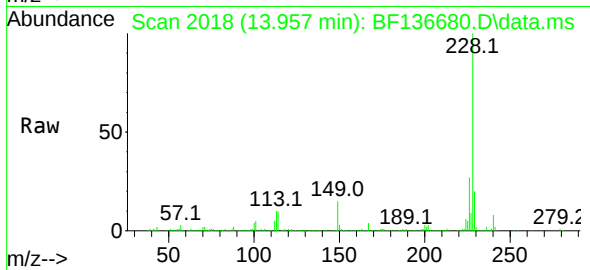
Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD



Tgt Ion:228 Resp: 49571

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

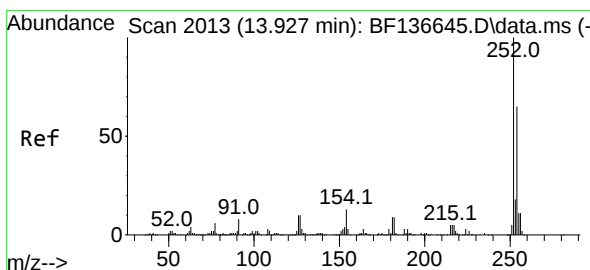
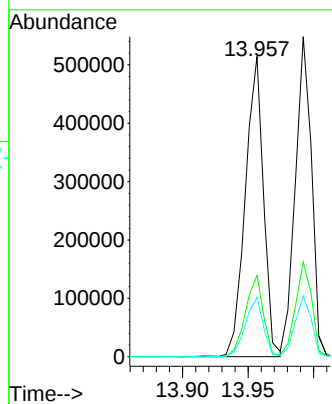
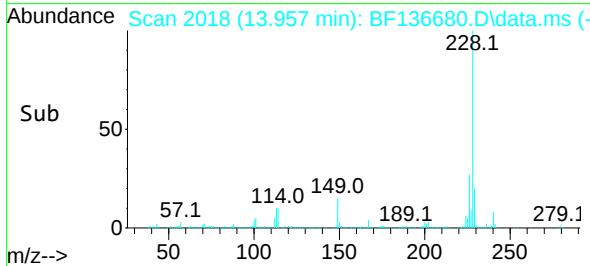
229 19.8 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#82

3,3'-Dichlorobenzidine

Concen: 35.504 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

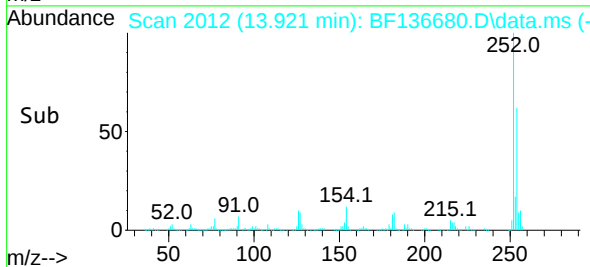
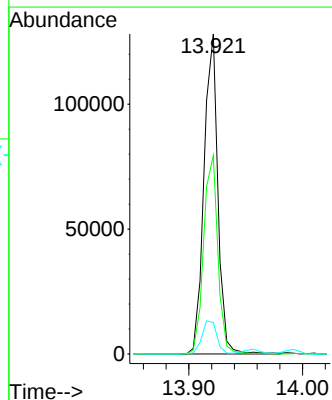
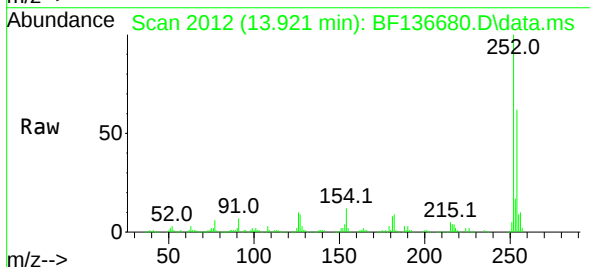
Tgt Ion:252 Resp: 109013

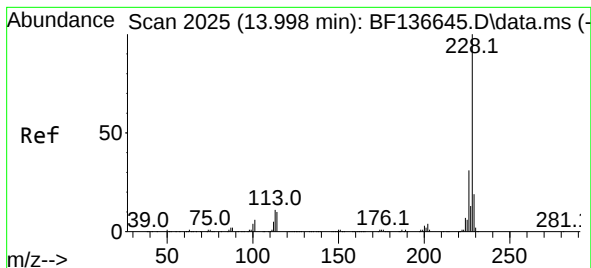
Ion Ratio Lower Upper

252 100

254 62.0 52.2 78.4

126 9.8 8.0 12.0





#83

Chrysene

Concen: 44.789 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

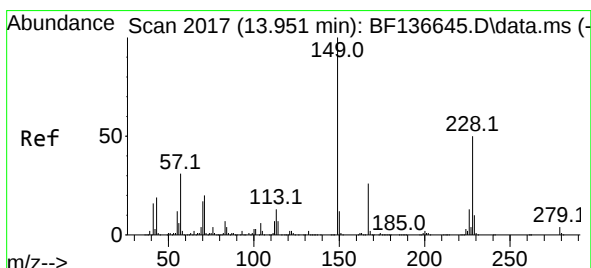
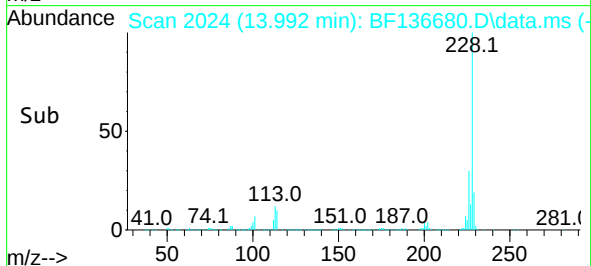
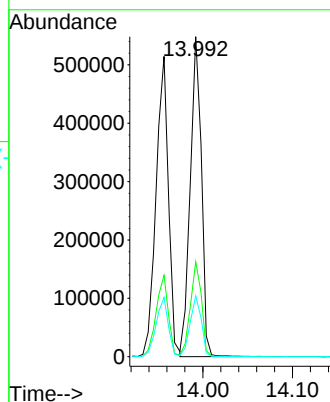
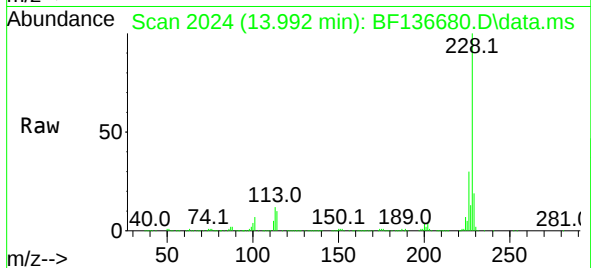
Tgt Ion:228 Resp: 47354
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.7 37.1
 229 19.0 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.490 ng

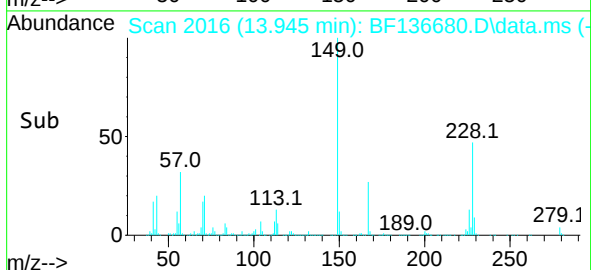
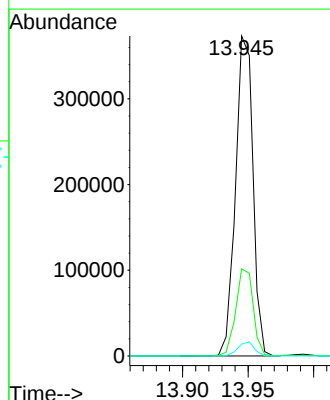
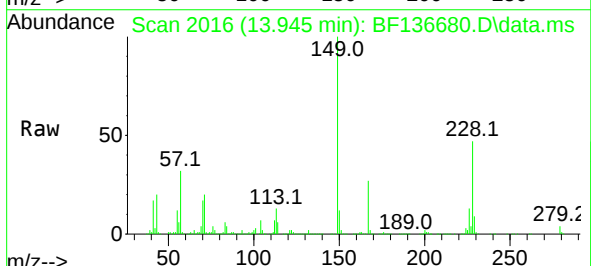
RT: 13.945 min Scan# 2016

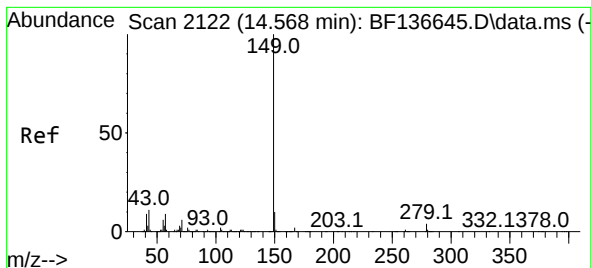
Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

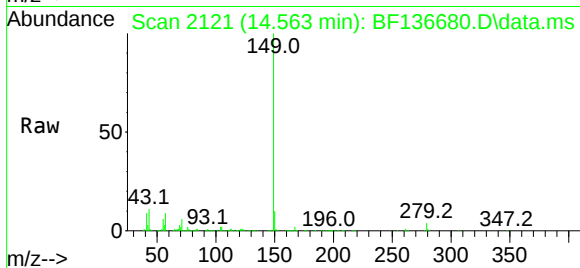
Tgt Ion:149 Resp: 346317
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.9 31.3
 279 3.7 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 49.143 ng
RT: 14.563 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

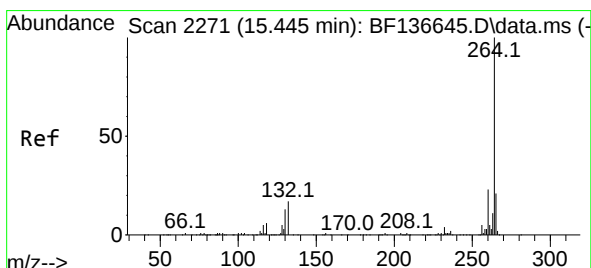
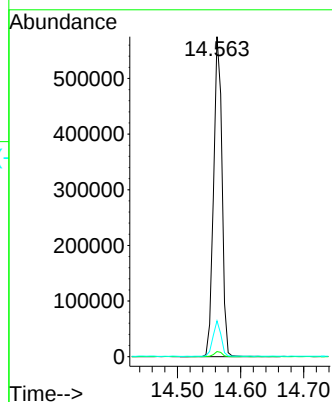
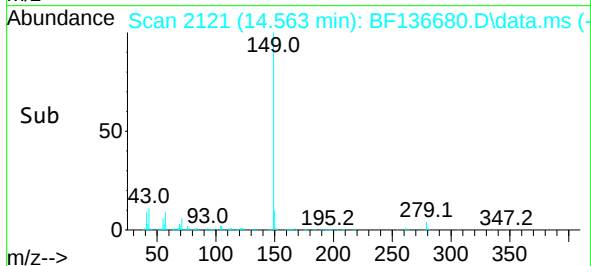
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion:149 Resp: 53194
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.6 8.9 13.3

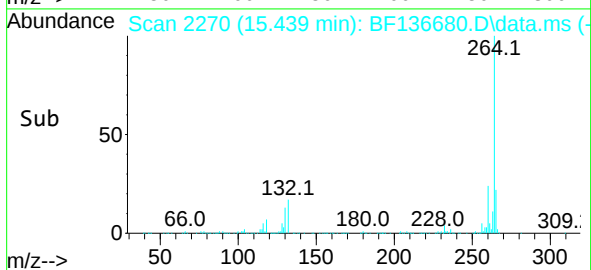
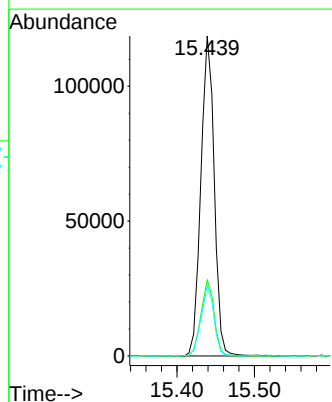
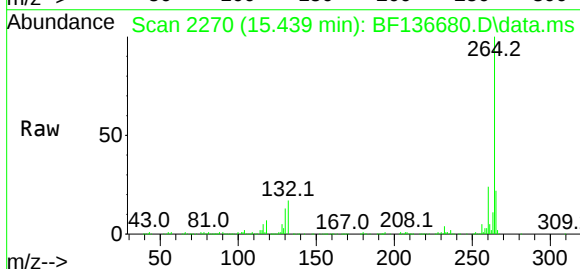
Manual Integrations
APPROVED

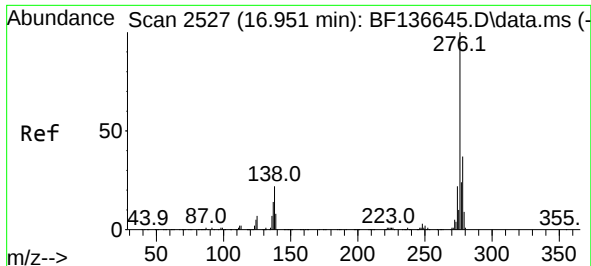
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

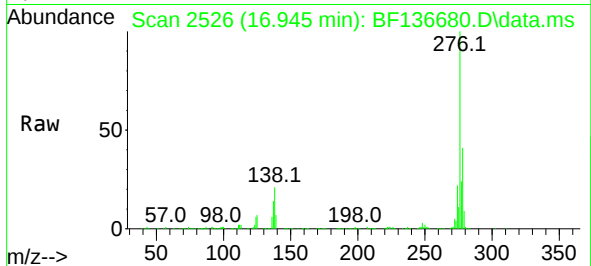
Tgt Ion:264 Resp: 141973
Ion Ratio Lower Upper
264 100
260 23.7 18.3 27.5
265 22.0 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.656 ng
RT: 16.945 min Scan# 21925
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

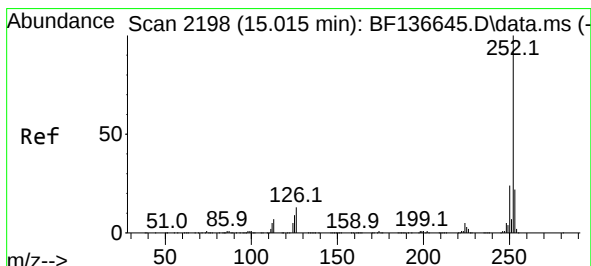
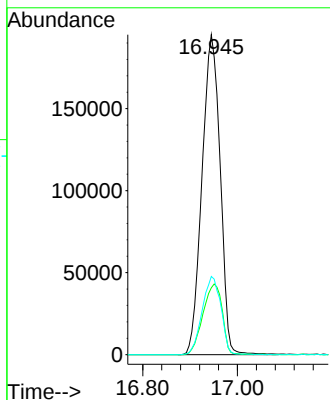
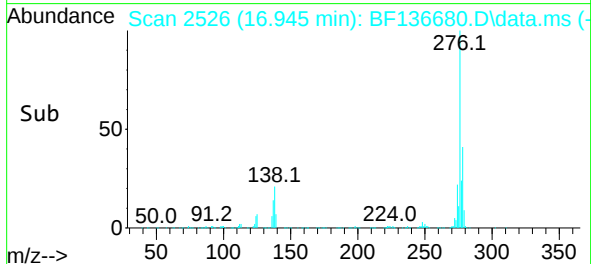
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



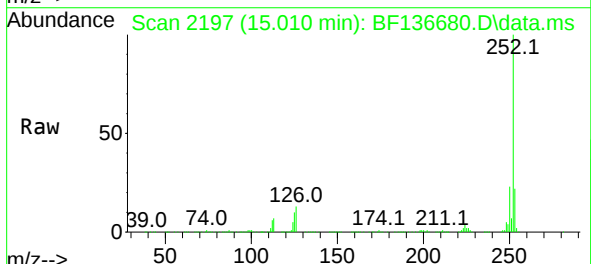
Tgt Ion:276 Resp: 51925
Ion Ratio Lower Upper
276 100
138 23.5 18.7 28.1
277 25.3 20.2 30.2

Manual Integrations
APPROVED

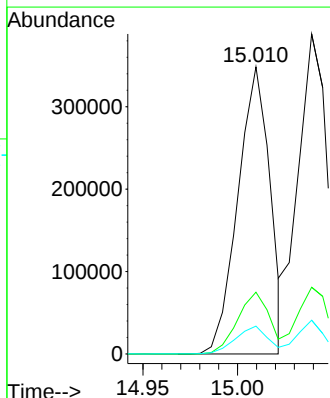
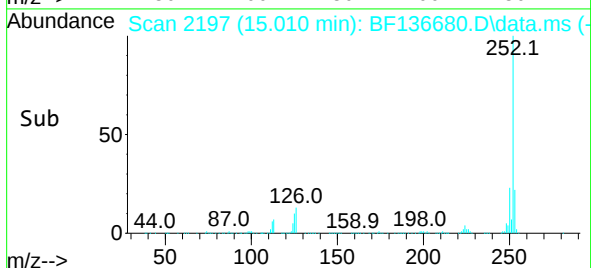
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

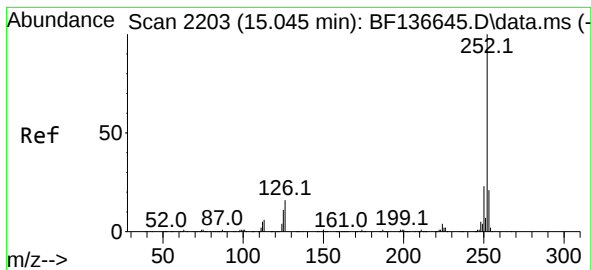


#88
Benzo(b)fluoranthene
Concen: 43.389 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38



Tgt Ion:252 Resp: 411437
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 46.037 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

Tgt Ion:252 Resp: 412498

Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

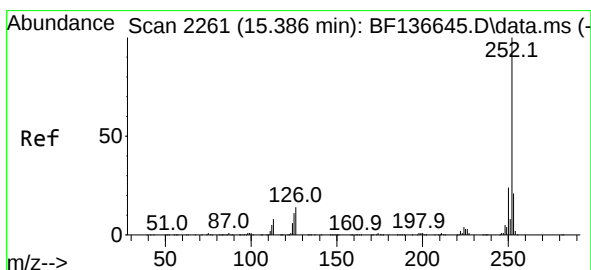
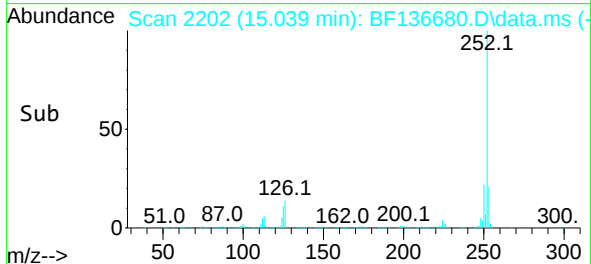
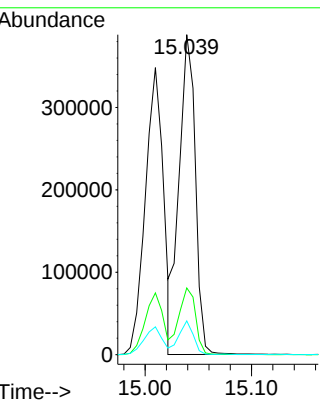
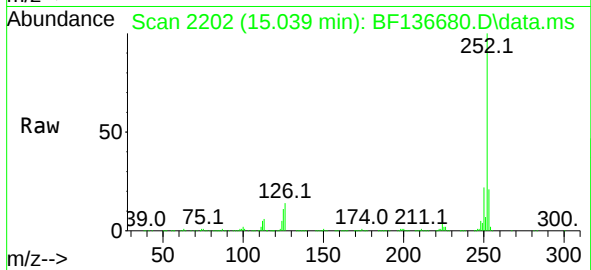
125 10.6 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#90

Benzo(a)pyrene

Concen: 45.520 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136680.D

Acq: 22 Dec 2023 11:38

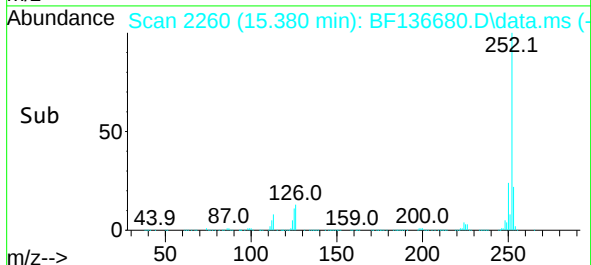
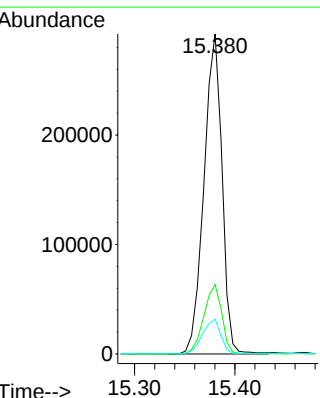
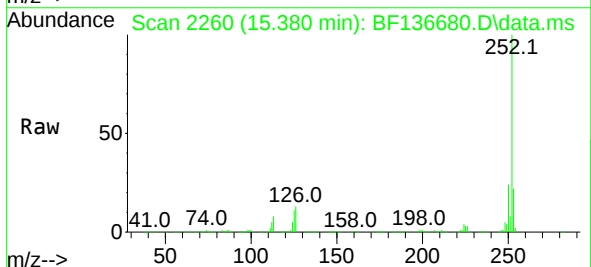
Tgt Ion:252 Resp: 364355

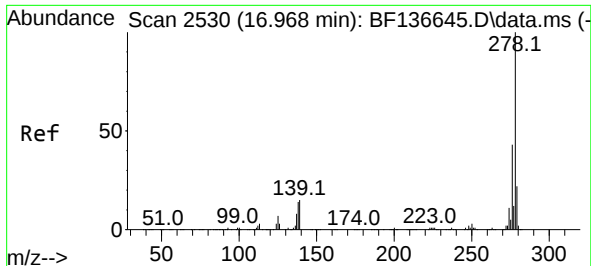
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

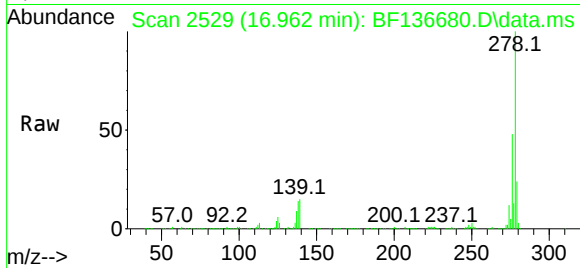
125 10.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 50.998 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38

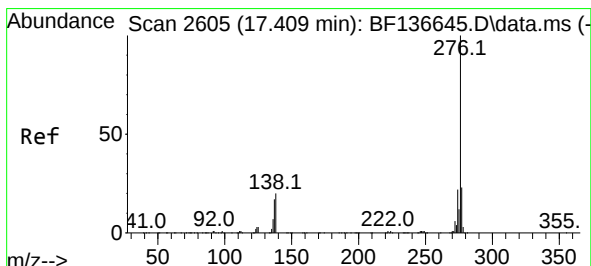
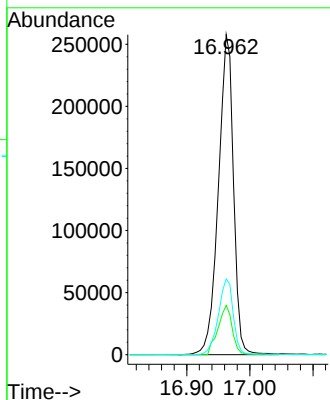
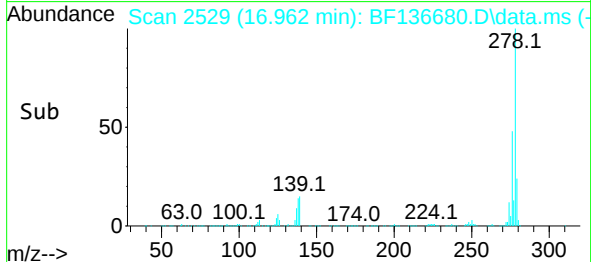
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



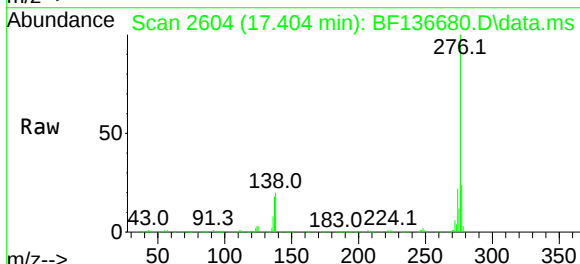
Tgt Ion:278 Resp: 42887
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 23.7 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#92
Benzo(g,h,i)perylene
Concen: 49.433 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF136680.D
Acq: 22 Dec 2023 11:38



Tgt Ion:276 Resp: 425777
Ion Ratio Lower Upper
276 100
277 23.8 18.3 27.5
138 19.6 15.6 23.4

