

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136765.D
 Acq On : 27 Dec 2023 18:56
 Operator : CG\JU
 Sample : 05796-05MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-04-13-14MS

Quant Time: Dec 27 22:44:56 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 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75735	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	276627	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	120002	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	181590	20.000	ng	0.00
76) Chrysene-d12	13.992	240	103564	20.000	ng	# 0.02
86) Perylene-d12	15.498	264	121257	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	408567	84.173	ng	0.00
7) Phenol-d6	6.434	99	522773	83.118	ng	0.00
23) Nitrobenzene-d5	7.351	82	331259	61.277	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	112214	79.399	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	610419	68.416	ng	-0.01
79) Terphenyl-d14	12.915	244	443945	59.905	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	72757	35.975	ng	100
3) Pyridine	3.357	79	176135	35.695	ng	96
4) n-Nitrosodimethylamine	3.322	42	104744	39.749	ng	96
6) Aniline	6.451	93	120668	19.189	ng	# 1
8) 2-Chlorophenol	6.575	128	215605	40.590	ng	94
9) Benzaldehyde	6.339	77	71556	20.002	ng	97
10) Phenol	6.445	94	254946	37.972	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	205343	40.216	ng	99
12) 1,3-Dichlorobenzene	6.728	146	223475	38.566	ng	97
13) 1,4-Dichlorobenzene	6.804	146	228019	38.512	ng	97
14) 1,2-Dichlorobenzene	6.951	146	212653	38.598	ng	98
15) Benzyl Alcohol	6.934	79	178512	42.071	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	331598	39.722	ng	98
17) 2-Methylphenol	7.045	107	163966	37.261	ng	99
18) Hexachloroethane	7.292	117	81342	37.829	ng	91
19) n-Nitroso-di-n-propyla...	7.198	70	150591	39.498	ng	100
20) 3+4-Methylphenols	7.198	107	206210	37.509	ng	93
22) Acetophenone	7.192	105	306811	44.250	ng	# 92
24) Nitrobenzene	7.369	77	219586	40.549	ng	96
25) Isophorone	7.604	82	399294	40.592	ng	99
26) 2-Nitrophenol	7.681	139	112408	43.385	ng	95
27) 2,4-Dimethylphenol	7.722	122	96940	30.733	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	251677	42.092	ng	100
29) 2,4-Dichlorophenol	7.928	162	169848	41.825	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	179971	39.776	ng	99
31) Naphthalene	8.086	128	596141	39.227	ng	99
32) Benzoic acid	7.857	122	126564	41.469	ng	97
33) 4-Chloroaniline	8.133	127	56015	9.983	ng	99
34) Hexachlorobutadiene	8.198	225	108457	39.453	ng	99
35) Caprolactam	8.516	113	57618m	43.009	ng	
36) 4-Chloro-3-methylphenol	8.628	107	184227	40.297	ng	97
37) 2-Methylnaphthalene	8.775	142	365788	37.400	ng	100
38) 1-Methylnaphthalene	8.875	142	349909	36.466	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	174311	46.903	ng	97
41) Hexachlorocyclopentadiene	8.928	237	122591	102.020	ng	96
43) 2,4,6-Trichlorophenol	9.057	196	114136	47.888	ng	96

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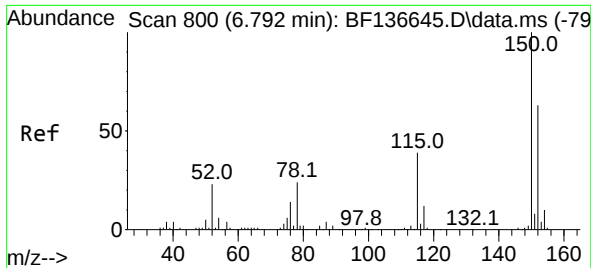
Quant Time: Dec 27 22:44:56 2023
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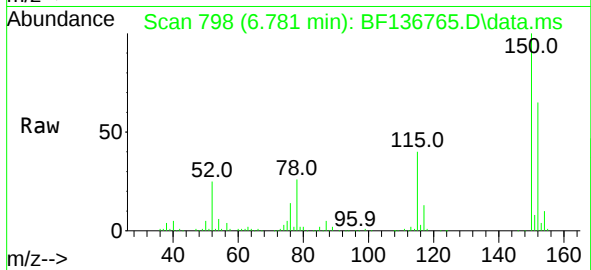
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	118309	44.545	ng	96
46) 1,1'-Biphenyl	9.239	154	470001	46.673	ng	99
47) 2-Chloronaphthalene	9.263	162	332945	43.492	ng	100
48) 2-Nitroaniline	9.369	65	109033	45.482	ng	94
49) Acenaphthylene	9.680	152	520614	44.493	ng	100
50) Dimethylphthalate	9.545	163	398174	45.427	ng	98
51) 2,6-Dinitrotoluene	9.610	165	83800	42.126	ng	91
52) Acenaphthene	9.851	154	293321	40.440	ng	100
53) 3-Nitroaniline	9.780	138	70323	33.372	ng	90
54) 2,4-Dinitrophenol	9.892	184	79353	72.350	ng	90
55) Dibenzofuran	10.027	168	451296	41.045	ng	98
56) 4-Nitrophenol	9.957	139	112560	79.126	ng	99
57) 2,4-Dinitrotoluene	10.016	165	104374	40.416	ng	98
58) Fluorene	10.369	166	336322	38.551	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	84647	41.402	ng	# 99
60) Diethylphthalate	10.245	149	380836	41.876	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	165313	38.984	ng	97
62) 4-Nitroaniline	10.392	138	65170m	32.080	ng	
63) Azobenzene	10.522	77	317592	37.389	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	49105	47.185	ng	85
66) n-Nitrosodiphenylamine	10.480	169	292685	49.617	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	92383	45.809	ng	96
68) Hexachlorobenzene	10.916	284	95673	42.570	ng	# 92
69) Atrazine	11.016	200	90082	59.706	ng	98
70) Pentachlorophenol	11.121	266	91091	86.956	ng	98
71) Phenanthrene	11.333	178	412895	44.314	ng	99
72) Anthracene	11.386	178	404839	42.903	ng	99
73) Carbazole	11.545	167	374274	42.070	ng	99
74) Di-n-butylphthalate	11.880	149	483386	44.527	ng	100
75) Fluoranthene	12.533	202	399180	40.052	ng	97
77) Benzidine	12.668	184	12378	4.053	ng	# 1
78) Pyrene	12.768	202	424584	41.763	ng	98
80) Butylbenzylphthalate	13.398	149	160441	43.370	ng	92
81) Benzo(a)anthracene	13.980	228	368647	51.262	ng	# 94
82) 3,3'-Dichlorobenzidine	13.939	252	76145	37.284	ng	# 91
83) Chrysene	14.015	228	355973	50.619	ng	# 94
84) Bis(2-ethylhexyl)phtha...	13.968	149	215026	46.198	ng	# 93
85) Di-n-octyl phthalate	14.592	149	385429	53.534	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	322827	36.874	ng	99
88) Benzo(b)fluoranthene	15.057	252	347085	42.856	ng	# 85
89) Benzo(k)fluoranthene	15.092	252	282711	36.943	ng	# 86
90) Benzo(a)pyrene	15.439	252	288946	42.266	ng	# 87
91) Dibenzo(a,h)anthracene	17.027	278	266882	37.157	ng	94
92) Benzo(g,h,i)perylene	17.468	276	240577	32.703	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

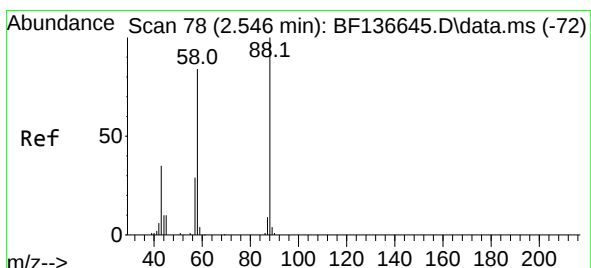
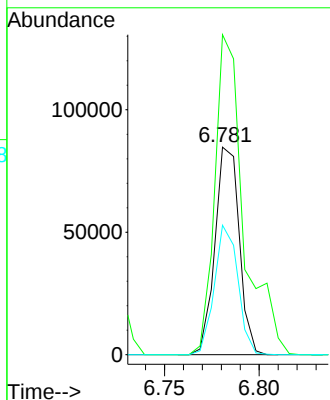
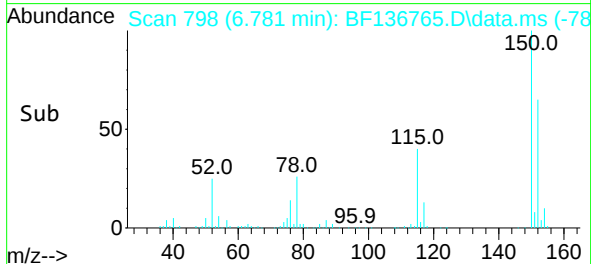
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



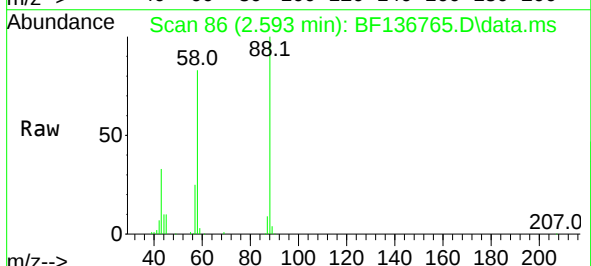
Tgt Ion:152 Resp: 75738
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.6
115 62.3 49.0 73.4

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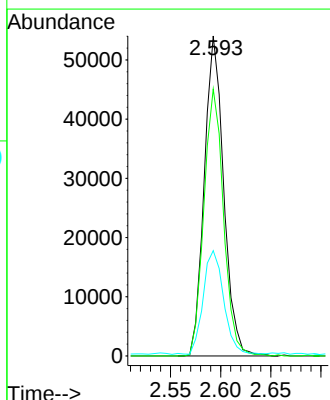
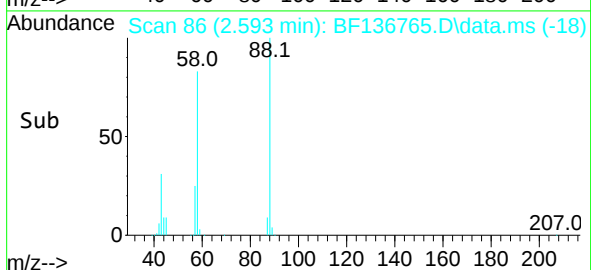
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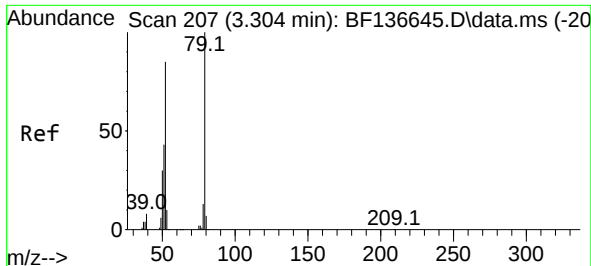


#2
1,4-Dioxane
Concen: 35.975 ng
RT: 2.593 min Scan# 86
Delta R.T. 0.047 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



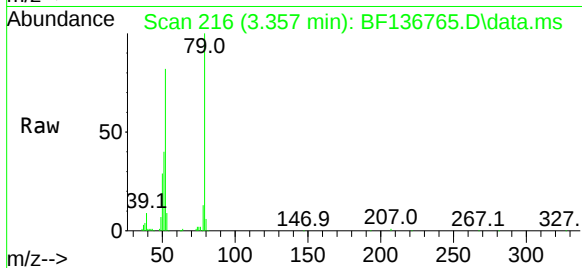
Tgt Ion: 88 Resp: 72757
Ion Ratio Lower Upper
88 100
58 84.3 67.4 101.0
43 34.0 27.7 41.5





#3
Pyridine
Concen: 35.695 ng
RT: 3.357 min Scan# 210
Delta R.T. 0.053 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

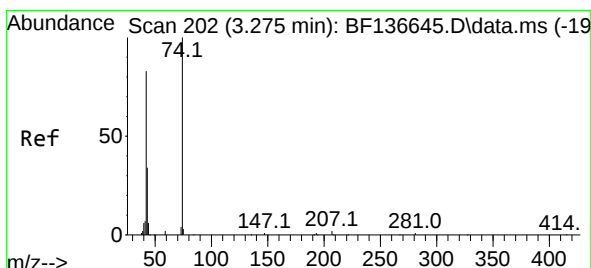
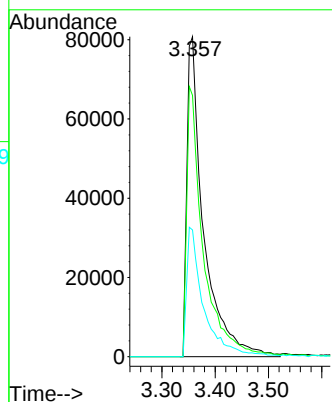
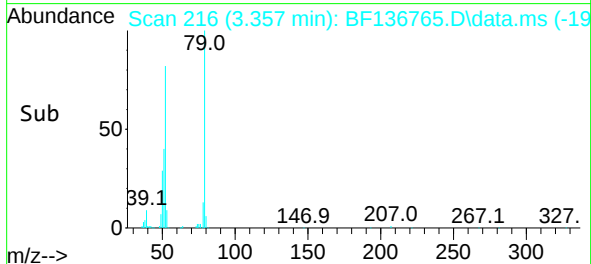
Instrument :
BNA_F
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RT-SB-04-13-14MS



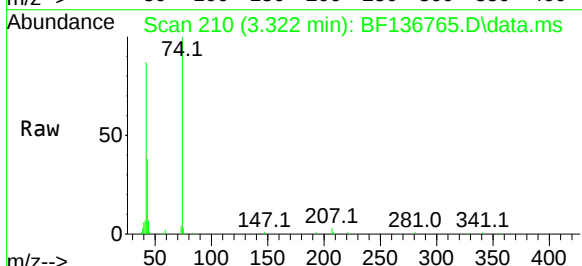
Tgt Ion: 79 Resp: 176135
Ion Ratio Lower Upper
79 100
52 81.6 67.7 101.5
51 39.6 34.0 51.0

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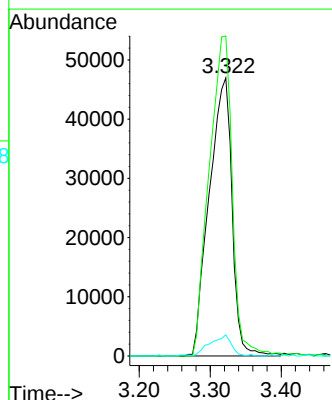
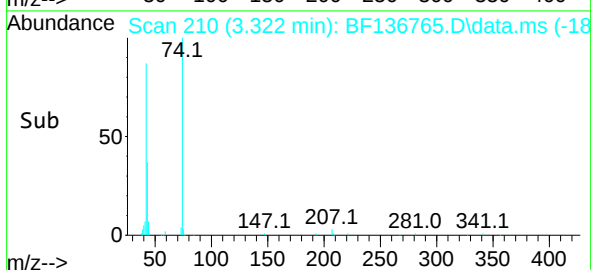
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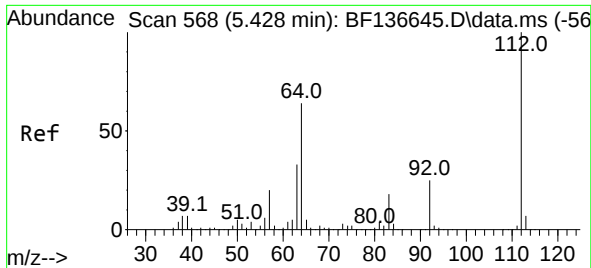


#4
n-Nitrosodimethylamine
Concen: 39.749 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.047 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



Tgt Ion: 42 Resp: 104744
Ion Ratio Lower Upper
42 100
74 115.1 96.0 144.0
44 7.6 5.4 8.2





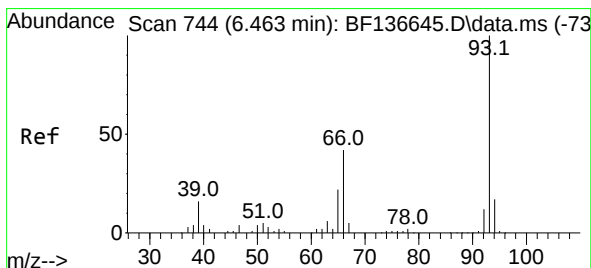
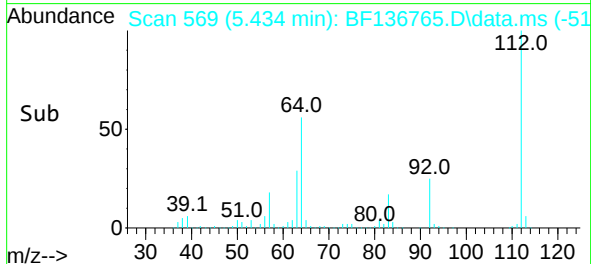
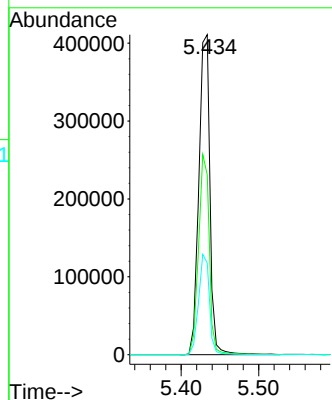
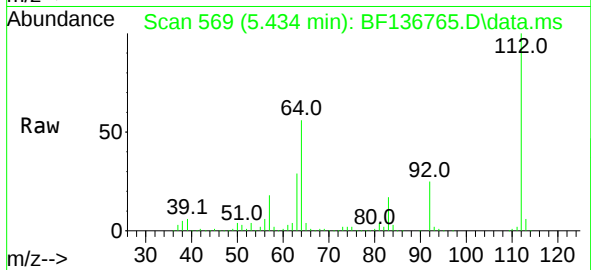
#5
2-Fluorophenol
Concen: 84.173 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS

Tgt Ion:112 Resp: 40856
Ion Ratio Lower Upper
112 100
64 56.2 51.1 76.7
63 28.6 26.1 39.1

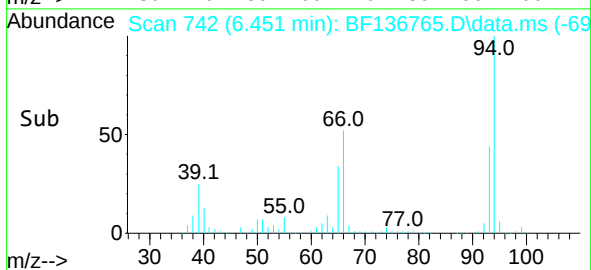
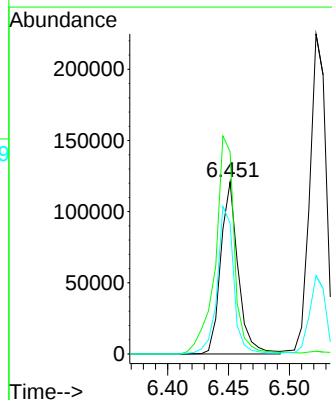
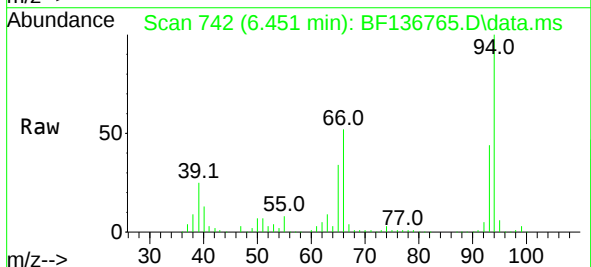
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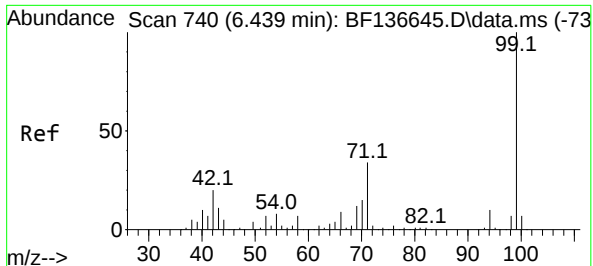
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#6
Aniline
Concen: 19.189 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

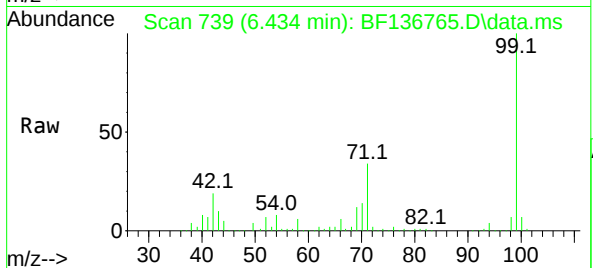
Tgt Ion: 93 Resp: 120668
Ion Ratio Lower Upper
93 100
66 117.5 34.6 51.8#
65 76.0 17.8 26.8#





#7
Phenol-d6
Concen: 83.118 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

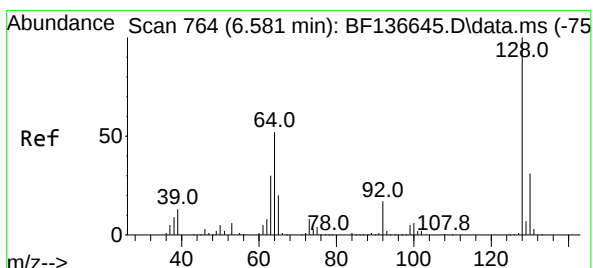
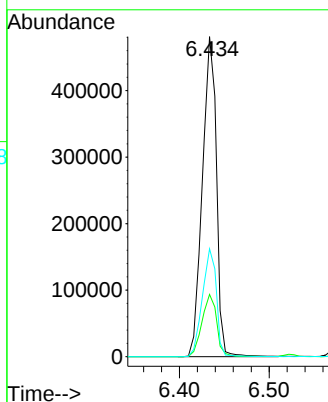
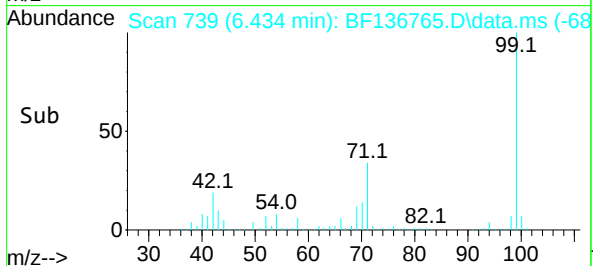
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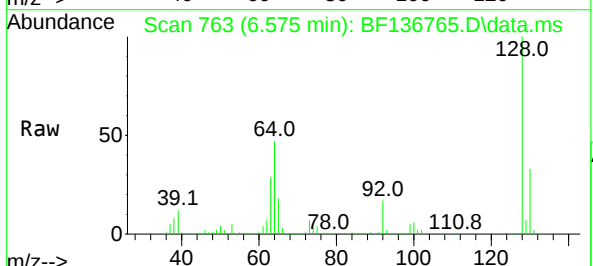
Tgt Ion: 99 Resp: 52277
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 33.7 27.4 41.2

Manual Integrations
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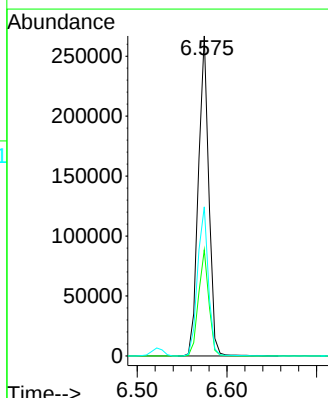
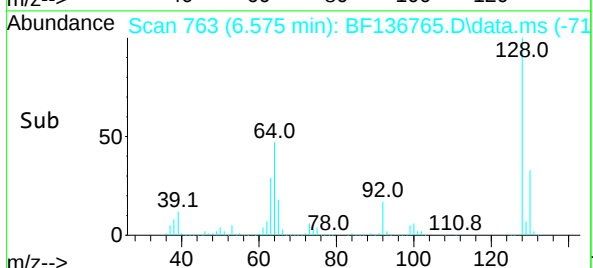
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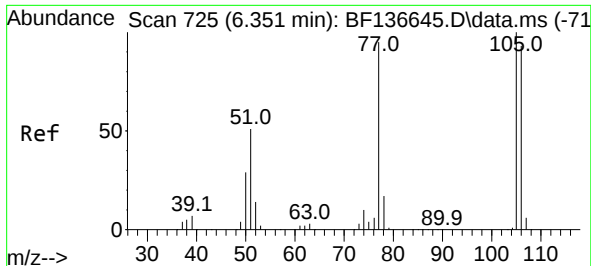


#8
2-Chlorophenol
Concen: 40.590 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



Tgt Ion:128 Resp: 215605
Ion Ratio Lower Upper
128 100
130 33.1 11.3 51.3
64 46.6 32.5 72.5





#9

Benzaldehyde

Concen: 20.002 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MS

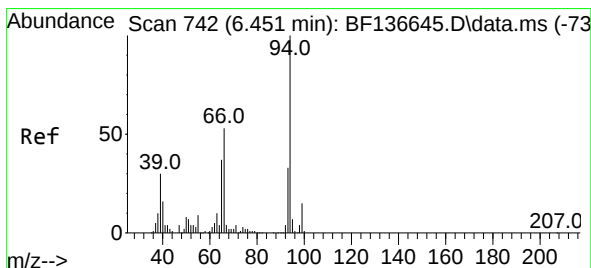
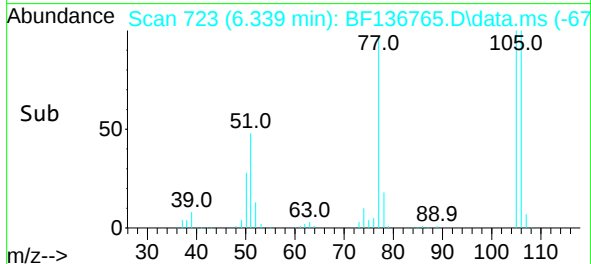
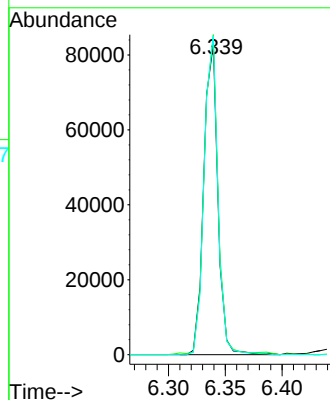
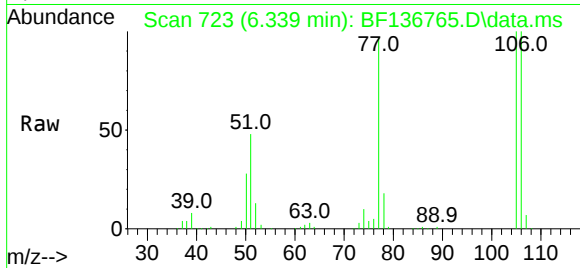
Tgt Ion:	77	Resp:	71550
Ion	Ratio	Lower	Upper
77	100		
105	103.2	84.8	124.8
106	102.9	77.8	117.8

Manual Integrations

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#10

Phenol

Concen: 37.972 ng

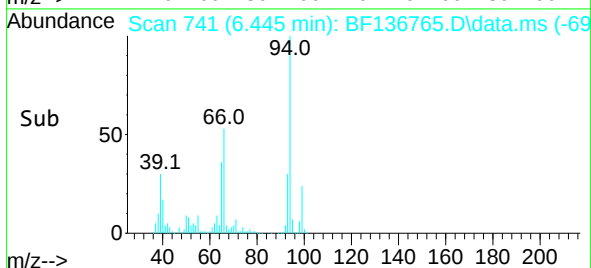
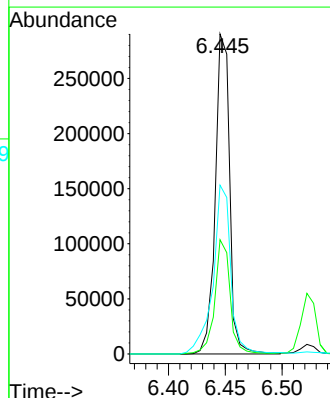
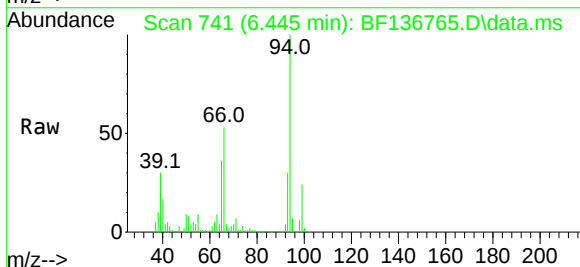
RT: 6.445 min Scan# 741

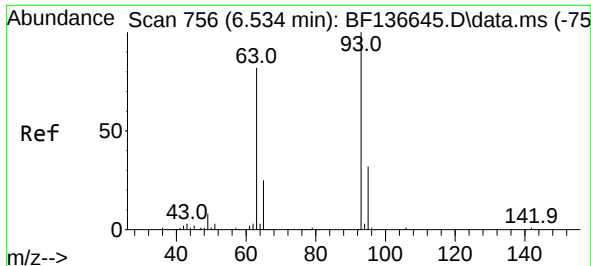
Delta R.T. -0.006 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Tgt Ion:	94	Resp:	254946
Ion	Ratio	Lower	Upper
94	100		
65	35.7	16.6	56.6
66	52.8	32.6	72.6





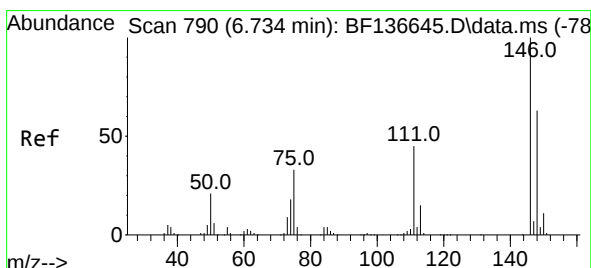
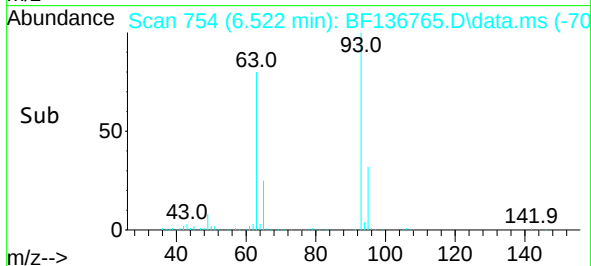
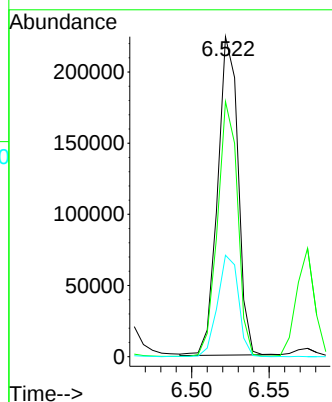
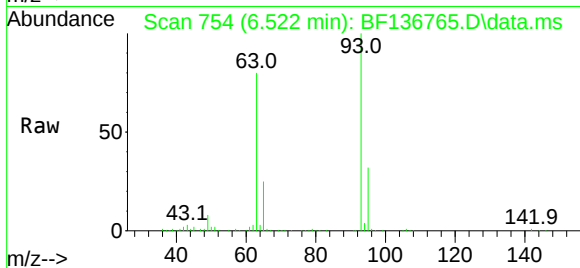
#11
bis(2-Chloroethyl)ether
Concen: 40.216 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS

Tgt Ion: 93 Resp: 20534
Ion Ratio Lower Upper
93 100
63 79.7 61.2 101.2
95 31.7 11.6 51.6

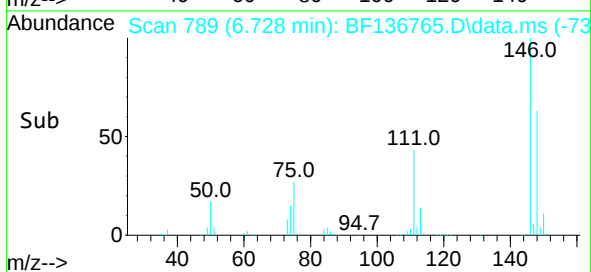
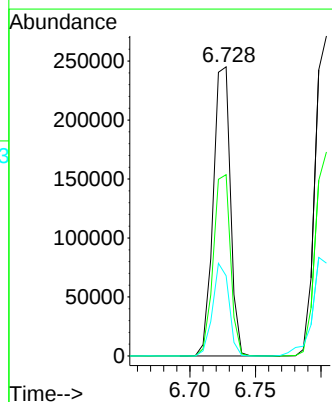
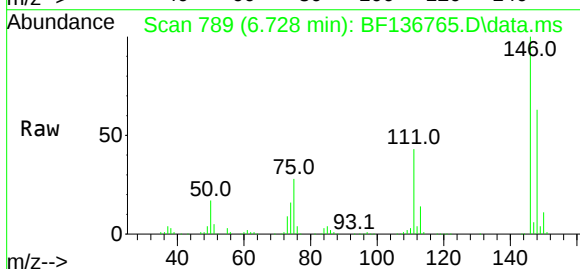
Manual Integrations
APPROVED

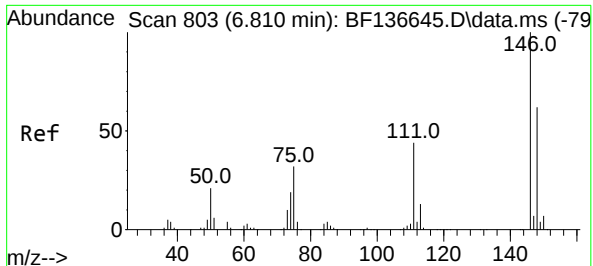
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#12
1,3-Dichlorobenzene
Concen: 38.566 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:146 Resp: 223475
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
75 27.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 38.512 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MS

Tgt Ion:146 Resp: 228019

Ion Ratio Lower Upper

146 100

148 63.7 49.2 73.8

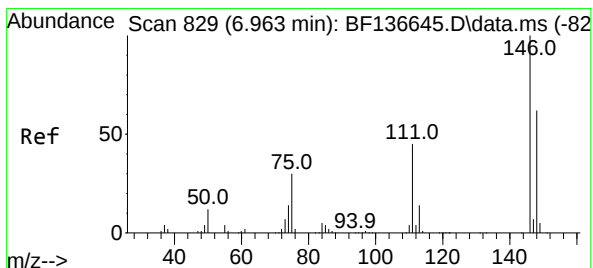
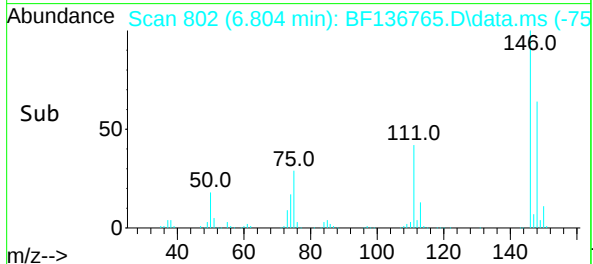
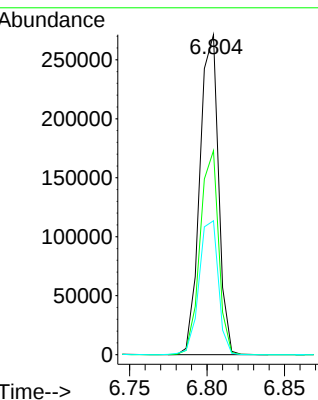
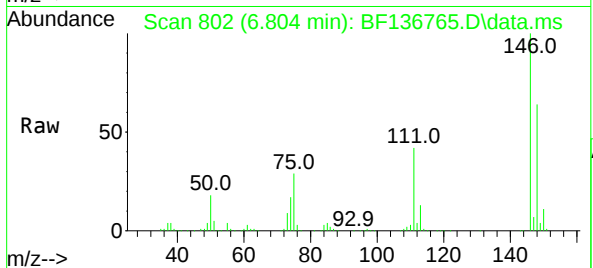
111 41.9 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#14

1,2-Dichlorobenzene

Concen: 38.598 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

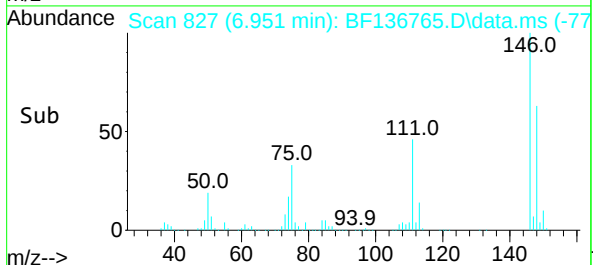
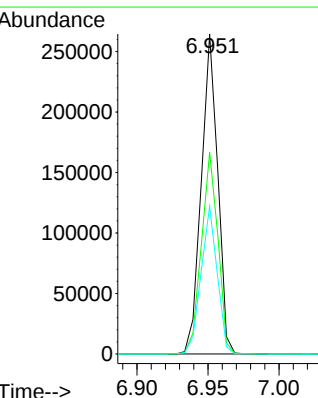
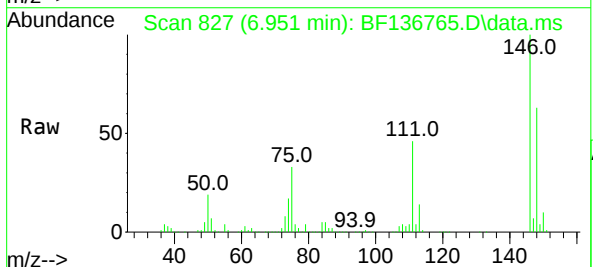
Tgt Ion:146 Resp: 212653

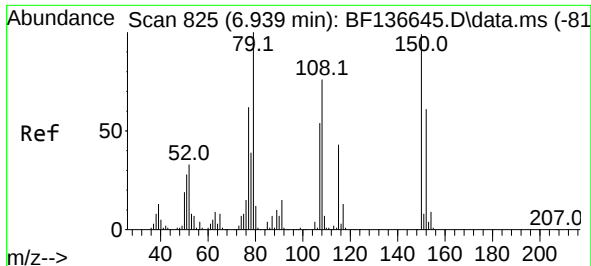
Ion Ratio Lower Upper

146 100

148 63.1 49.6 74.4

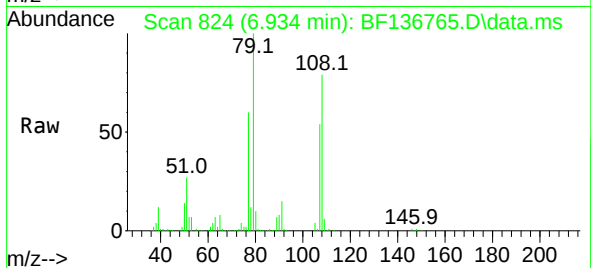
111 46.2 36.2 54.2





#15
Benzyl Alcohol
Concen: 42.071 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

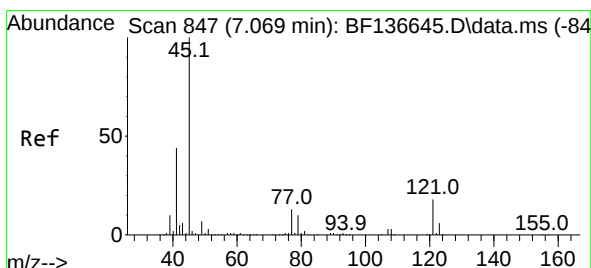
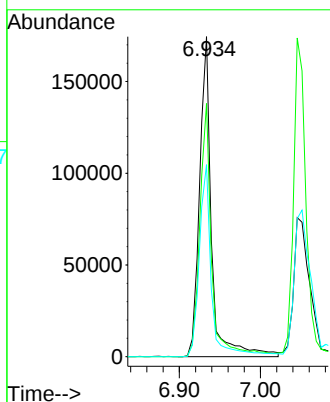
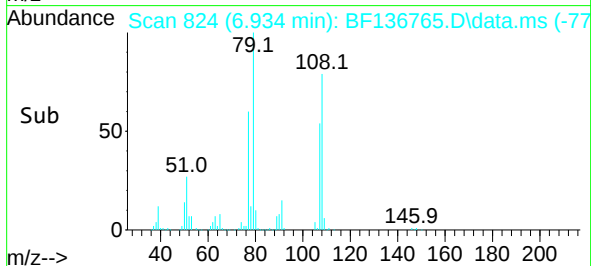
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



Tgt Ion: 79 Resp: 17851
Ion Ratio Lower Upper
79 100
108 79.1 61.0 91.6
77 60.0 49.8 74.8

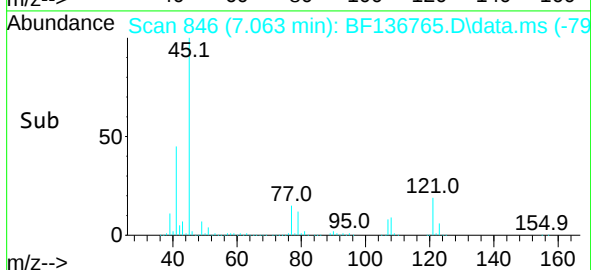
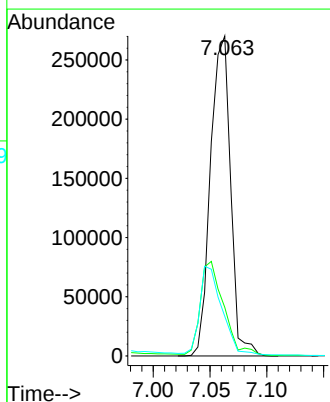
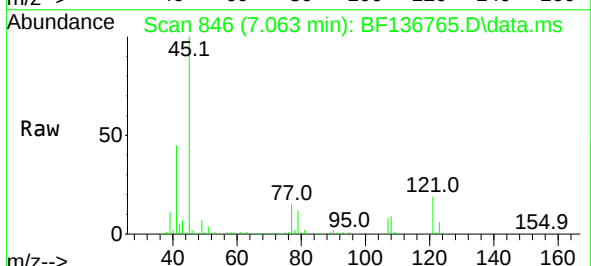
Manual Integrations
APPROVED

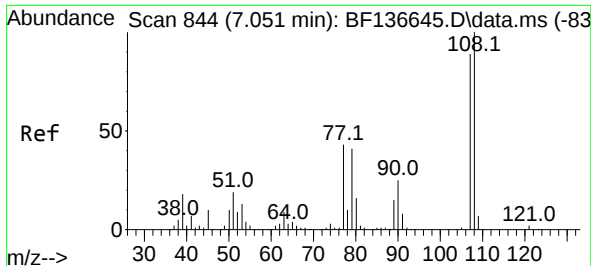
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.722 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

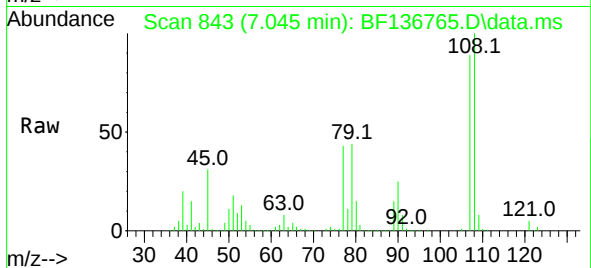
Tgt Ion: 45 Resp: 331598
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.3
79 12.4 0.0 31.4





#17
2-Methylphenol
Concen: 37.261 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

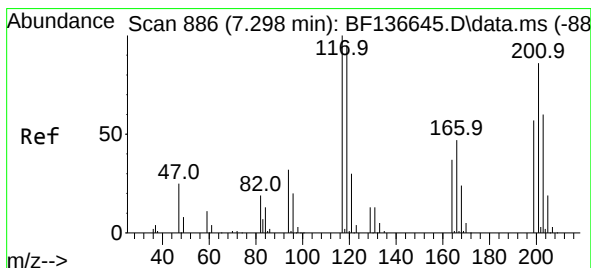
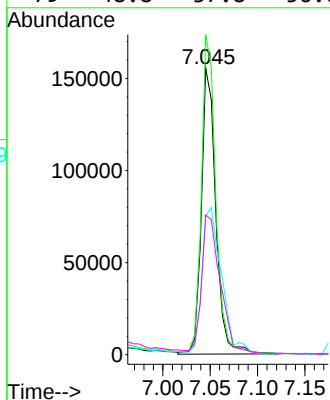
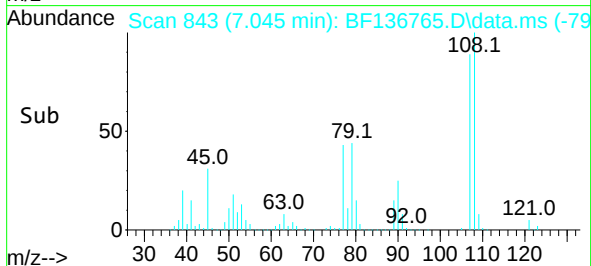
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



Tgt Ion:107 Resp: 163960
Ion Ratio Lower Upper
107 100
108 111.8 90.3 135.5
77 48.4 38.7 58.1
79 48.8 37.8 56.6

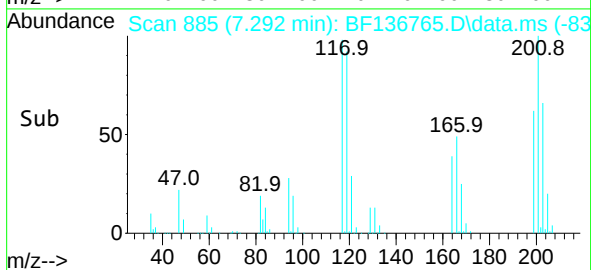
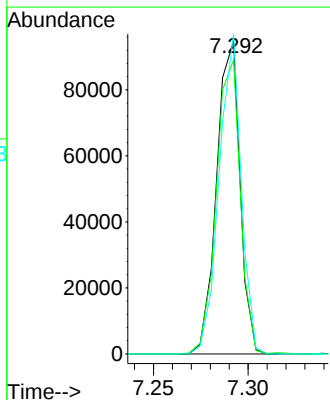
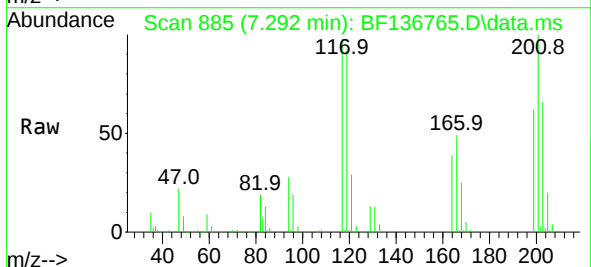
Manual Integrations
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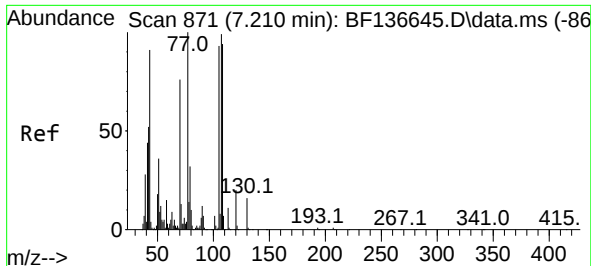
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#18
Hexachloroethane
Concen: 37.829 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

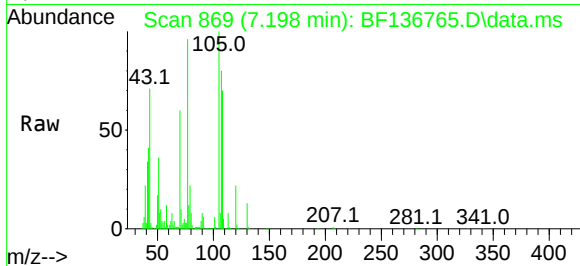
Tgt Ion:117 Resp: 81342
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.6
201 102.2 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 39.498 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

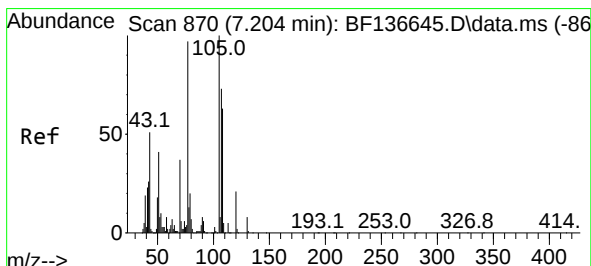
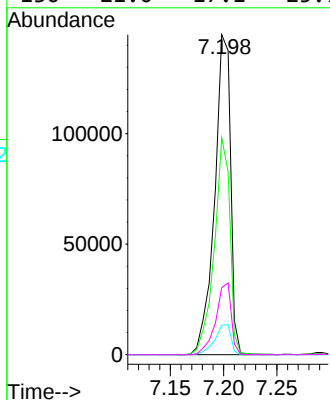
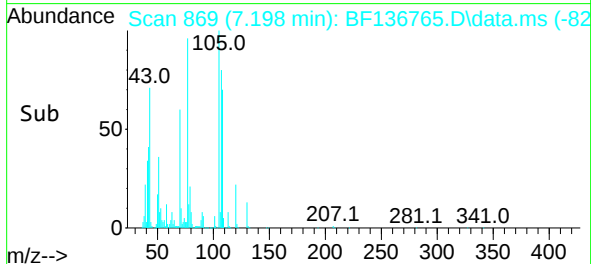
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



Tgt Ion: 70 Resp: 15059
Ion Ratio Lower Upper
70 100
42 67.8 54.2 81.4
101 9.2 7.6 11.4
130 21.0 17.1 25.7

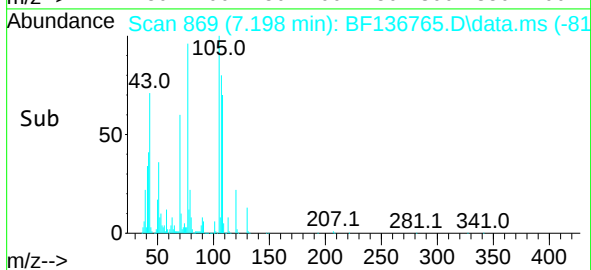
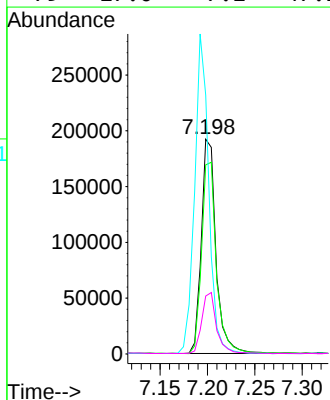
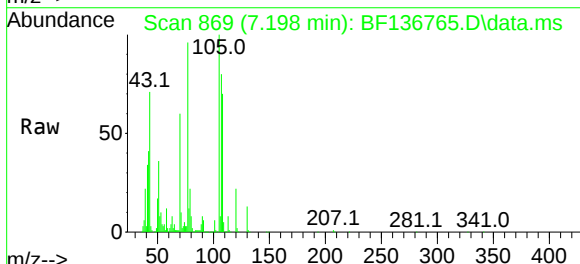
Manual Integrations
APPROVED

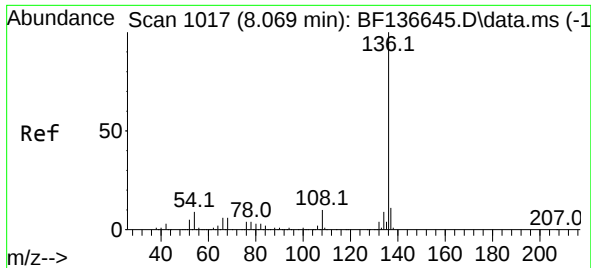
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#20
3+4-Methylphenols
Concen: 37.509 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:107 Resp: 206210
Ion Ratio Lower Upper
107 100
108 88.1 66.0 106.0
77 120.5 114.2 154.2
79 27.0 7.2 47.2





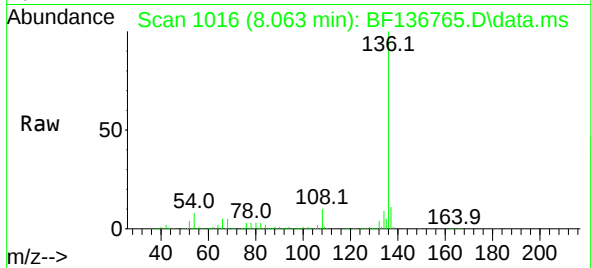
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MS

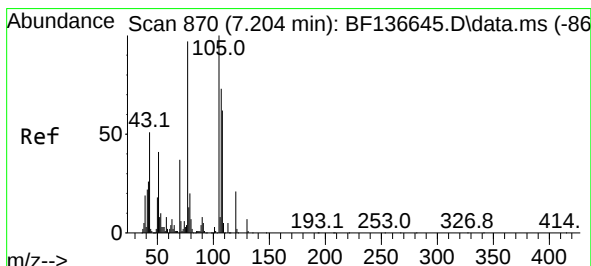
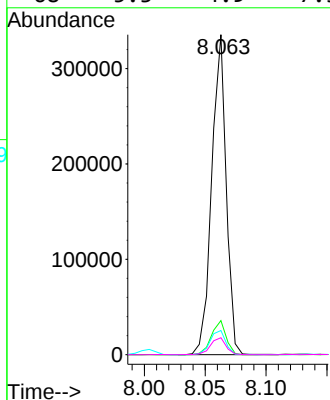
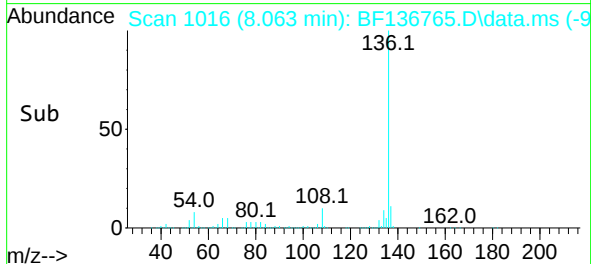


Tgt Ion:136 Resp: 276627
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 7.5 7.2 10.8
68 5.3 4.9 7.3

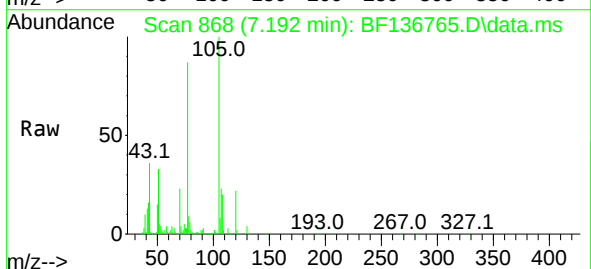
Manual Integrations

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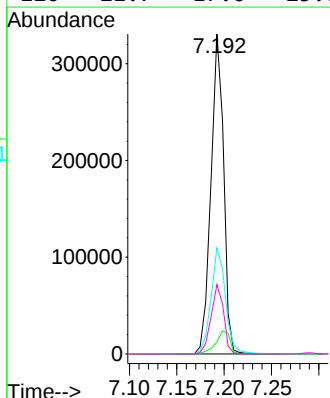
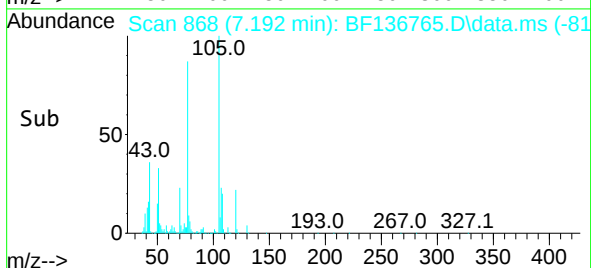
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

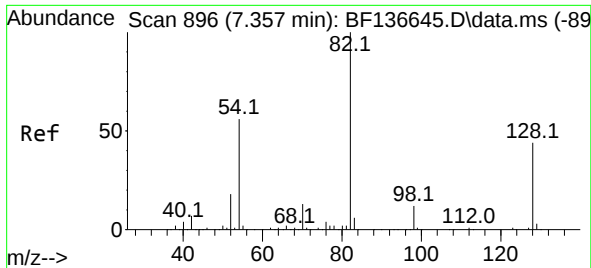


#22
Acetophenone
Concen: 44.250 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



Tgt Ion:105 Resp: 306811
Ion Ratio Lower Upper
105 100
71 3.7 4.8 7.2#
51 33.1 32.8 49.2
120 21.7 17.0 25.6





#23
Nitrobenzene-d5
Concen: 61.277 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

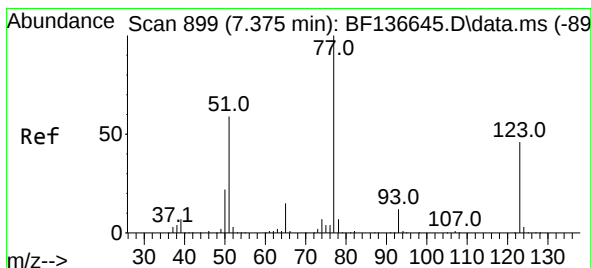
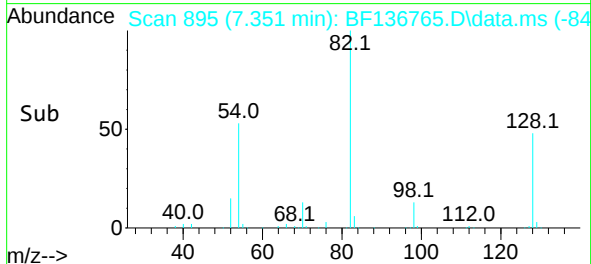
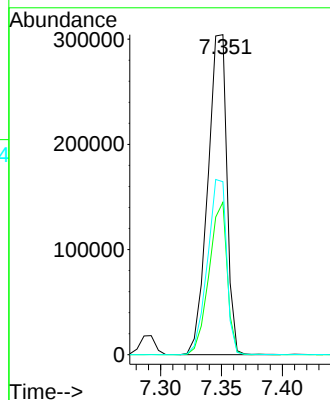
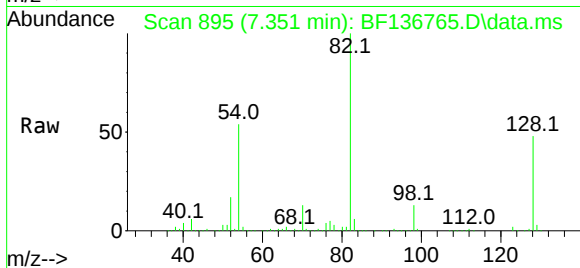
RT-SB-04-13-14MS

Tgt Ion: 82 Resp: 331259
Ion Ratio Lower Upper
82 100
128 47.6 35.3 52.9
54 54.1 44.5 66.7

Manual Integrations

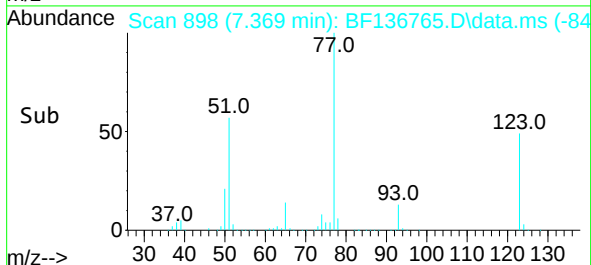
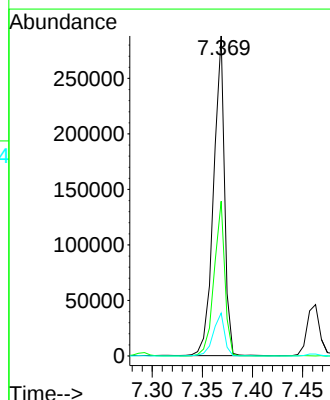
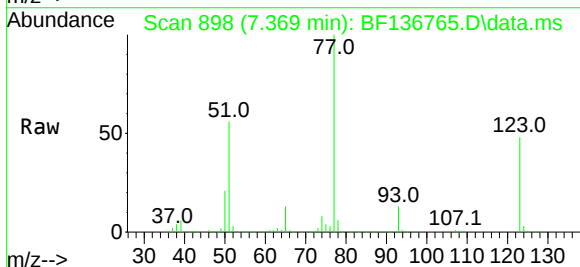
APPROVED

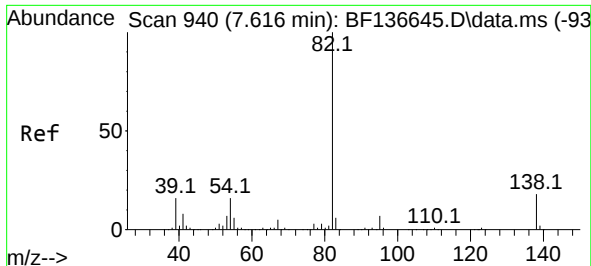
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#24
Nitrobenzene
Concen: 40.549 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

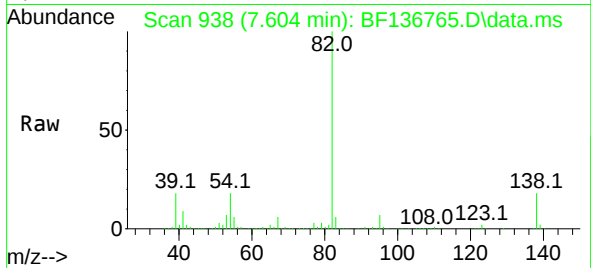
Tgt Ion: 77 Resp: 219586
Ion Ratio Lower Upper
77 100
123 48.4 36.7 55.1
65 13.4 11.8 17.6





#25
Isophorone
Concen: 40.592 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

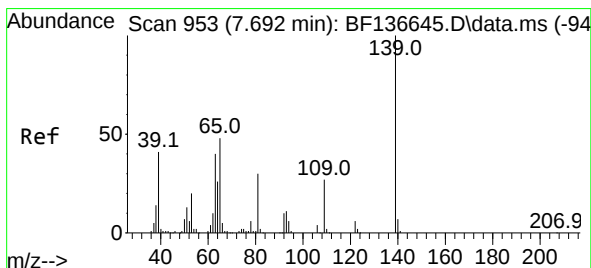
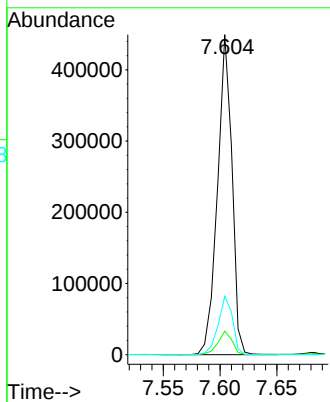
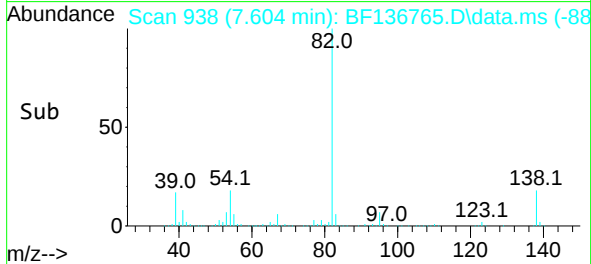
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



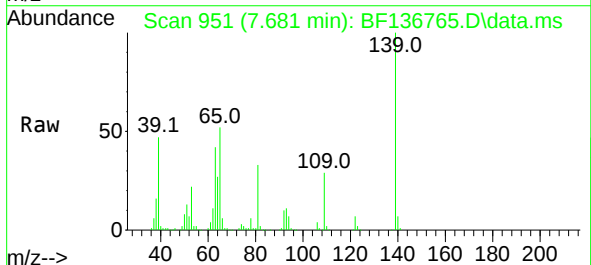
Tgt Ion: 82 Resp: 399294
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 18.2 14.5 21.7

Manual Integrations
APPROVED

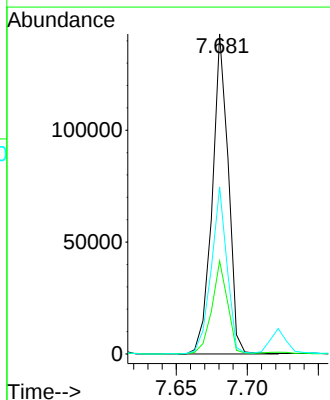
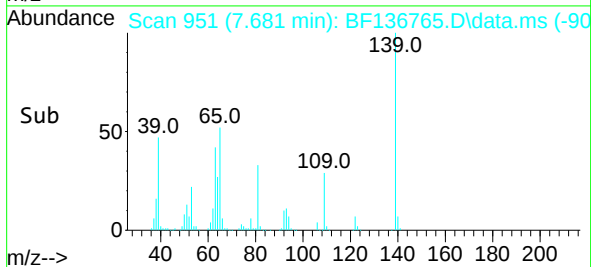
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

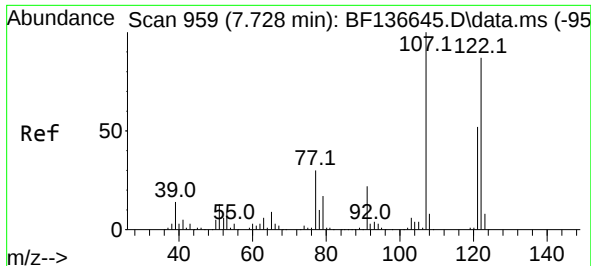


#26
2-Nitrophenol
Concen: 43.385 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



Tgt Ion:139 Resp: 112408
Ion Ratio Lower Upper
139 100
109 29.1 21.9 32.9
65 52.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 30.733 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MS

Tgt Ion:122 Resp: 96940

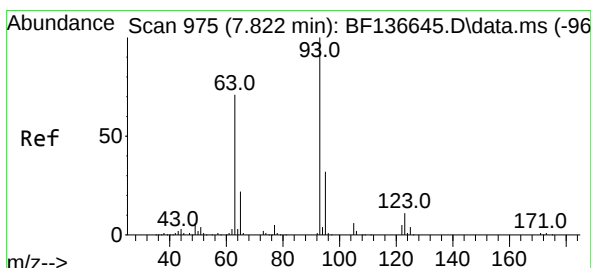
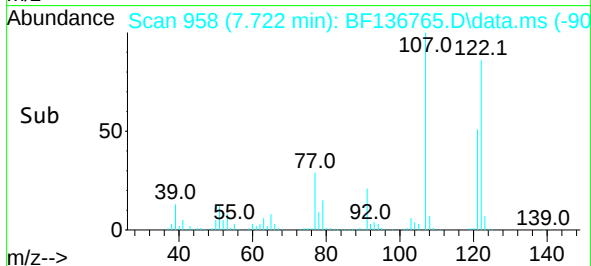
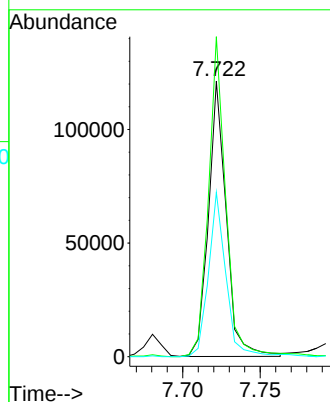
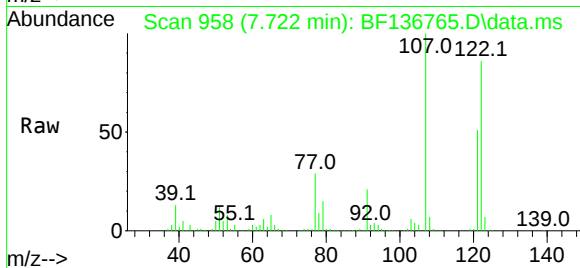
Ion	Ratio	Lower	Upper
122	100		
107	116.2	92.0	138.0
121	59.6	47.5	71.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.092 ng

RT: 7.816 min Scan# 974

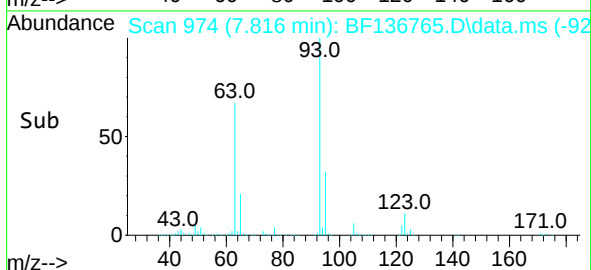
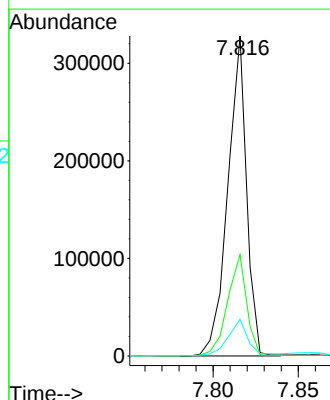
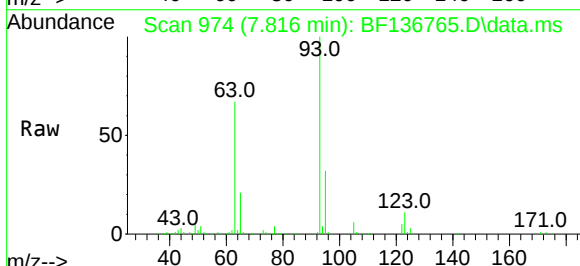
Delta R.T. -0.006 min

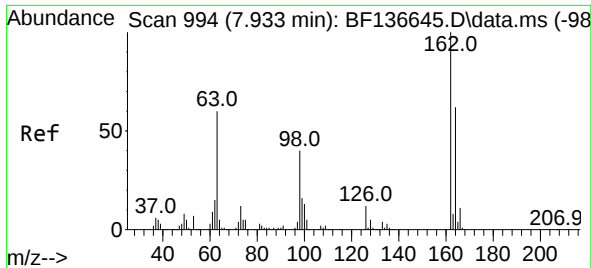
Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Tgt Ion: 93 Resp: 251677

Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.5	38.3
123	11.4	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 41.825 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136765.D

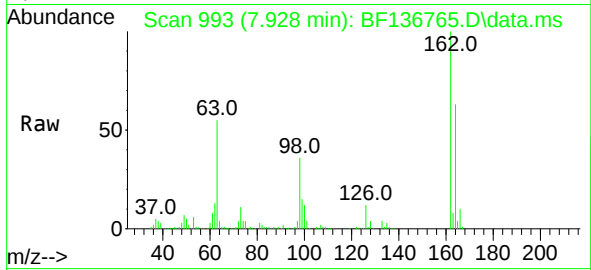
Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MS



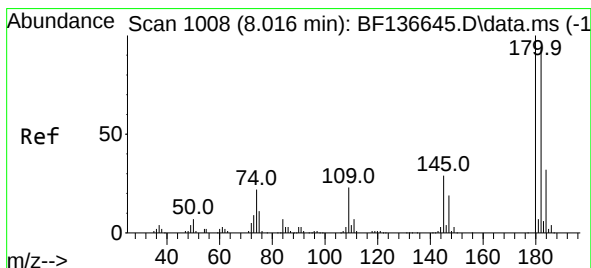
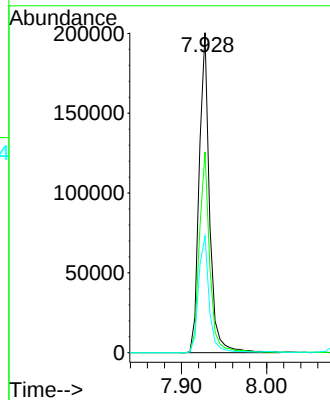
Tgt Ion:162	Resp:	16984
Ion Ratio	Lower	Upper
162	100	
164	62.8	41.7 81.7
98	36.5	19.5 59.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.776 ng

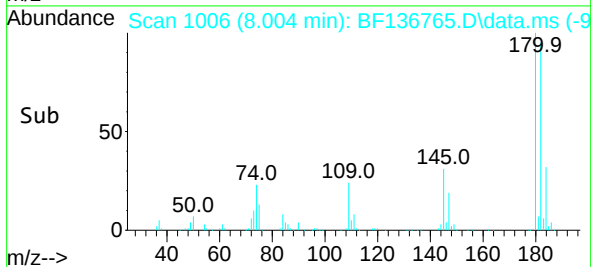
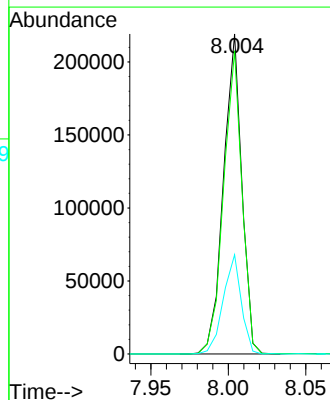
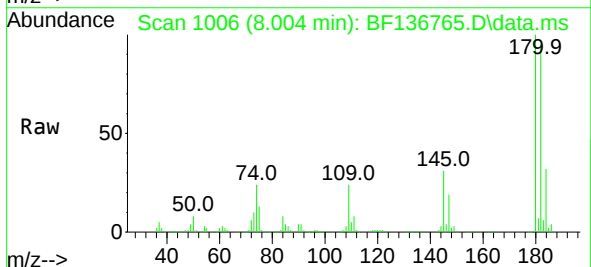
RT: 8.004 min Scan# 1006

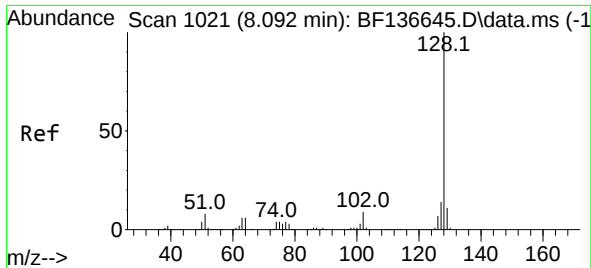
Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

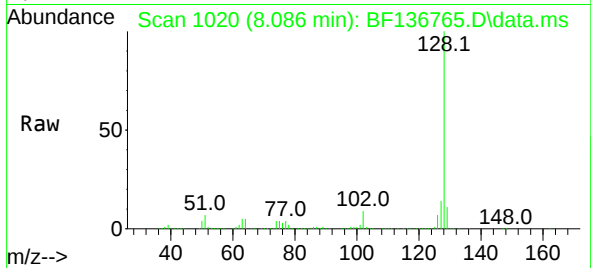
Tgt Ion:180	Resp:	179971
Ion Ratio	Lower	Upper
180	100	
182	94.7	75.4 113.0
145	31.0	23.1 34.7





#31
Naphthalene
Concen: 39.227 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

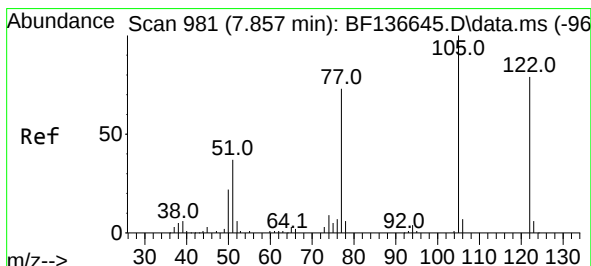
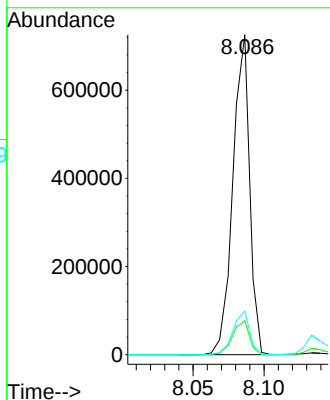
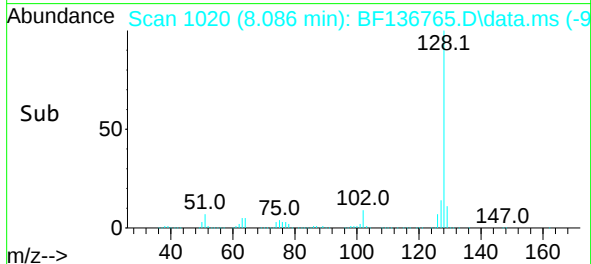
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



Tgt Ion:128 Resp: 59614
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.7 10.8 16.2

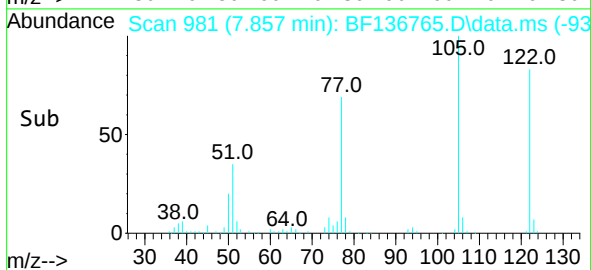
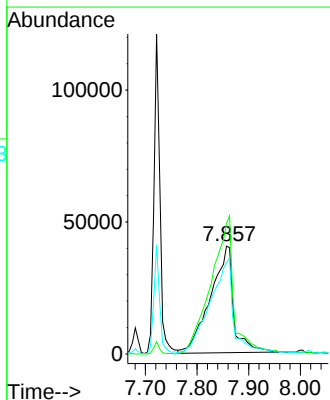
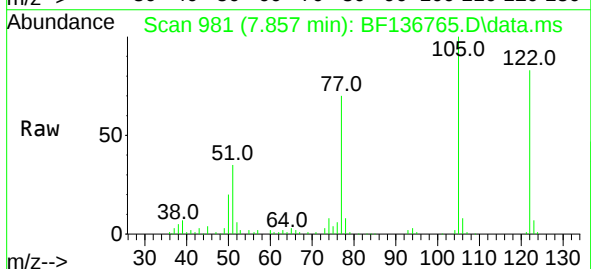
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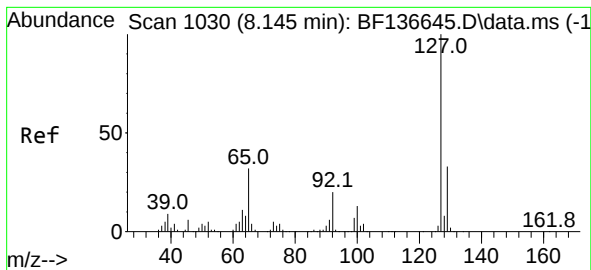
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#32
Benzoic acid
Concen: 41.469 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:122 Resp: 126564
Ion Ratio Lower Upper
122 100
105 121.1 100.8 140.8
77 84.6 70.9 110.9





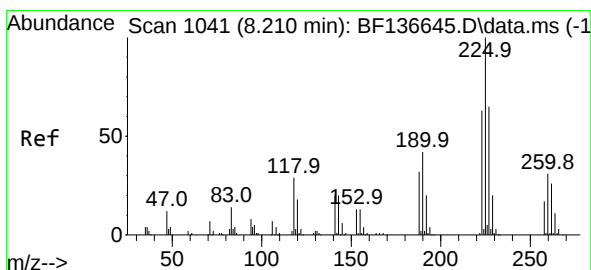
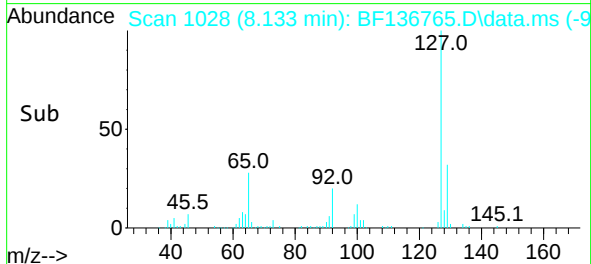
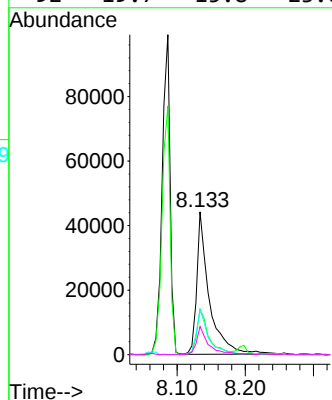
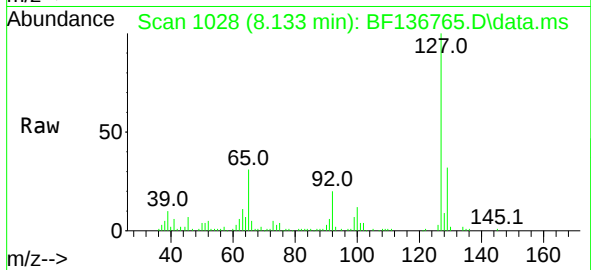
#33
4-Chloroaniline
Concen: 9.983 ng
RT: 8.133 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS

Tgt Ion:	127	Resp:	5601
Ion Ratio	Lower	Upper	
127	100		
129	31.8	26.3	39.5
65	31.2	25.8	38.8
92	19.7	15.8	23.6

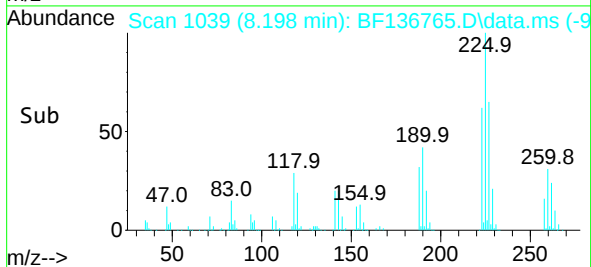
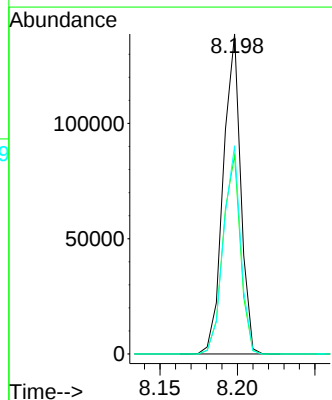
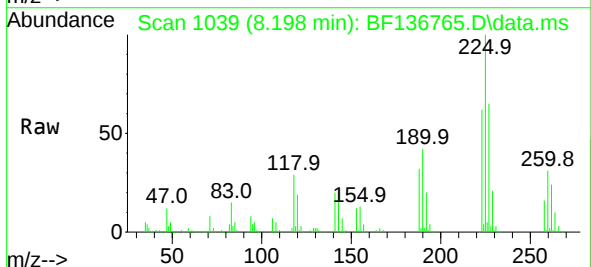
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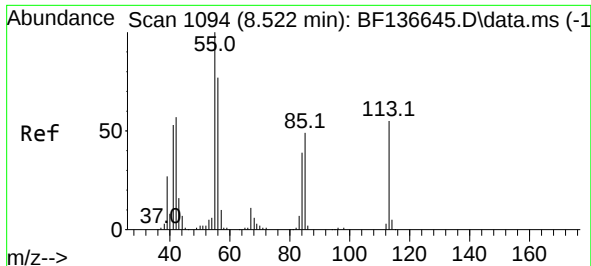
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#34
Hexachlorobutadiene
Concen: 39.453 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

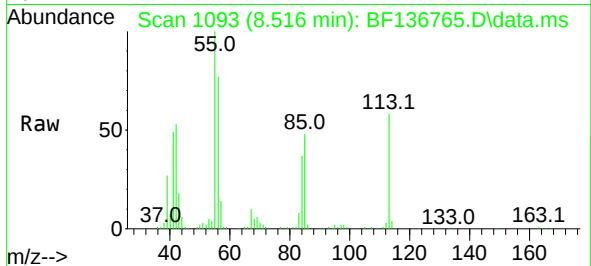
Tgt Ion:	225	Resp:	108457
Ion Ratio	Lower	Upper	
225	100		
223	62.1	50.6	76.0
227	65.0	51.9	77.9





#35
Caprolactam
Concen: 43.009 ng m
RT: 8.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

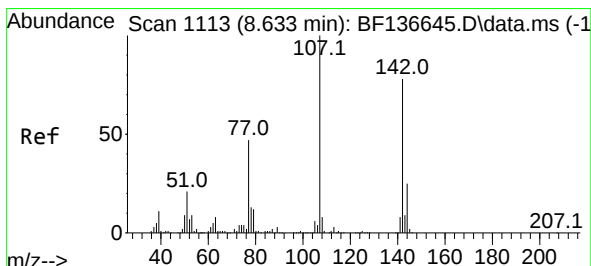
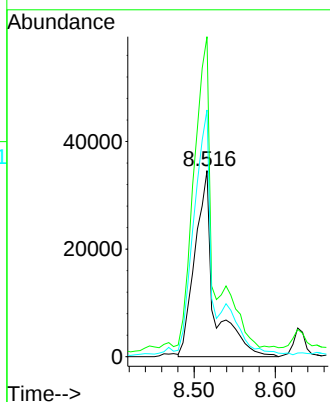
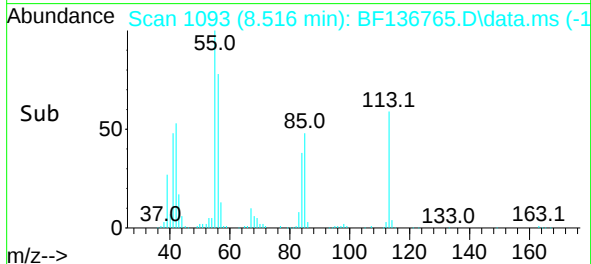
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



Tgt Ion:113 Resp: 57618
Ion Ratio Lower Upper
113 100
55 172.0 163.1 203.1
56 132.6 121.7 161.7

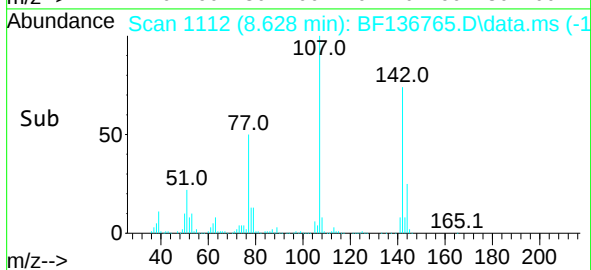
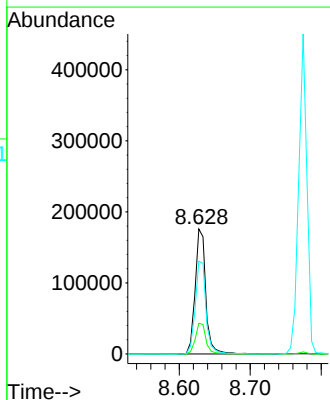
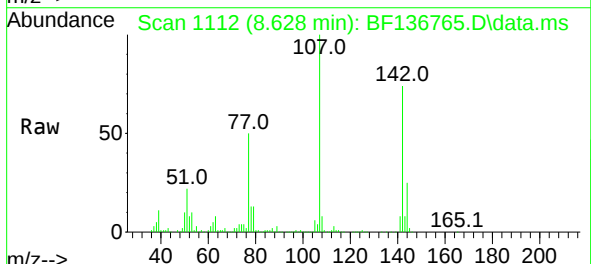
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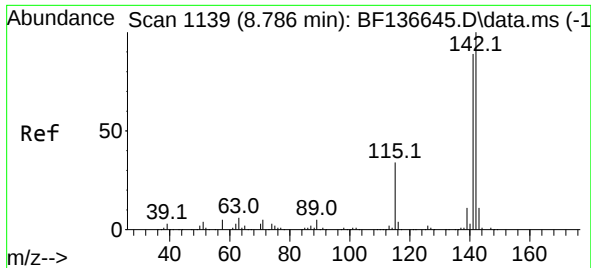
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#36
4-Chloro-3-methylphenol
Concen: 40.297 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:107 Resp: 184227
Ion Ratio Lower Upper
107 100
144 24.6 20.2 30.2
142 74.2 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.400 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MS

Tgt Ion:142 Resp: 365788

Ion Ratio Lower Upper

142 100

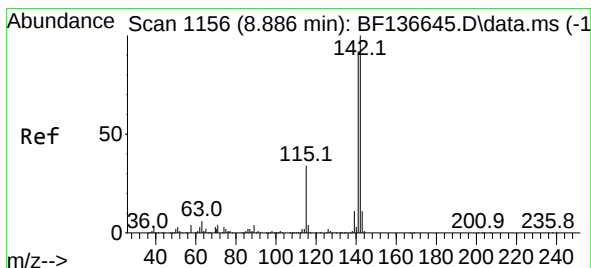
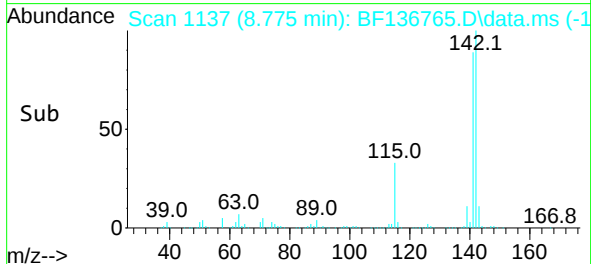
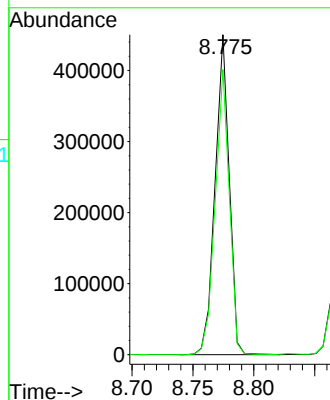
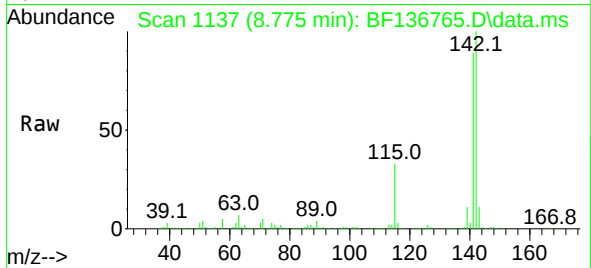
141 89.1 71.1 106.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#38

1-Methylnaphthalene

Concen: 36.466 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136765.D

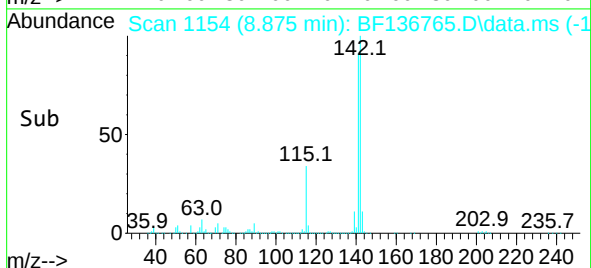
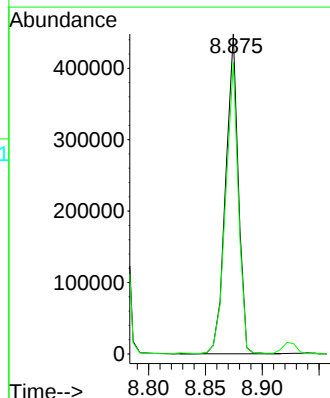
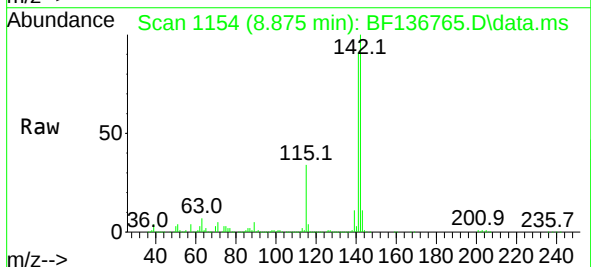
Acq: 27 Dec 2023 18:56

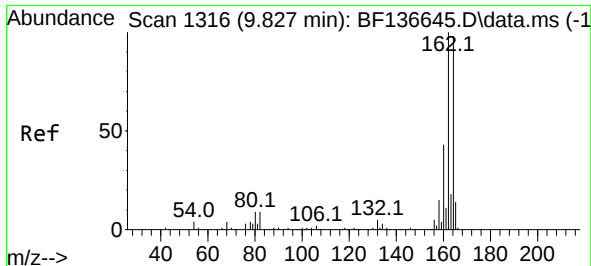
Tgt Ion:142 Resp: 349909

Ion Ratio Lower Upper

142 100

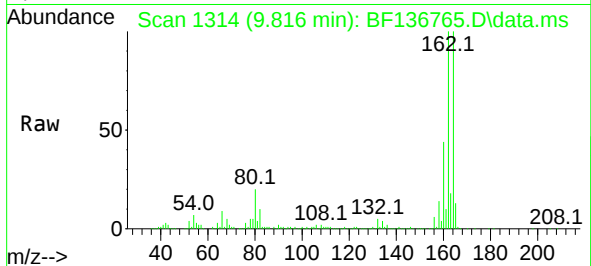
141 91.2 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

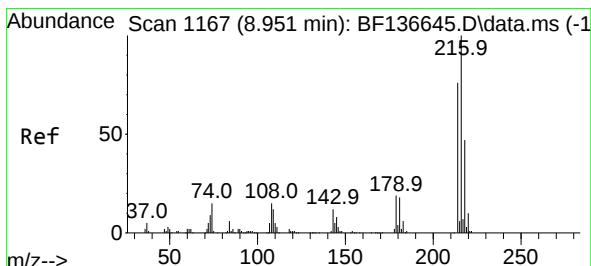
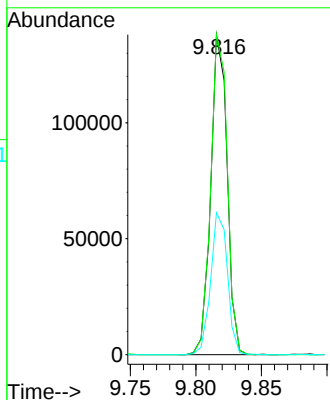
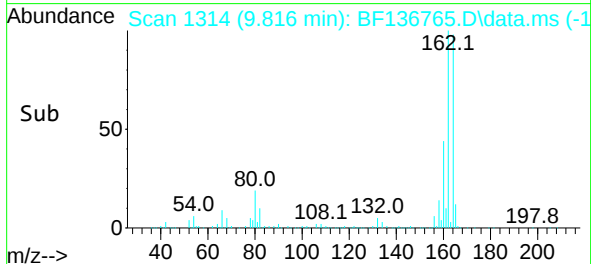
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



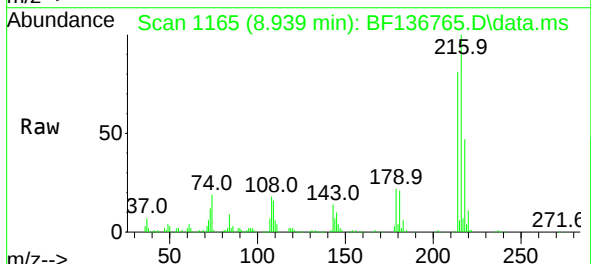
Tgt Ion:164 Resp: 12000
Ion Ratio Lower Upper
164 100
162 100.0 81.6 122.4
160 44.4 34.9 52.3

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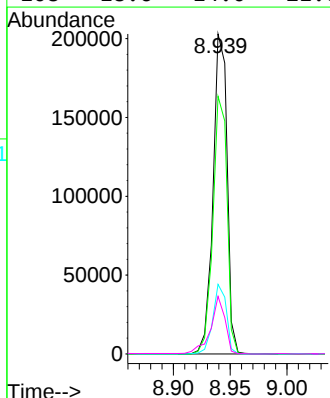
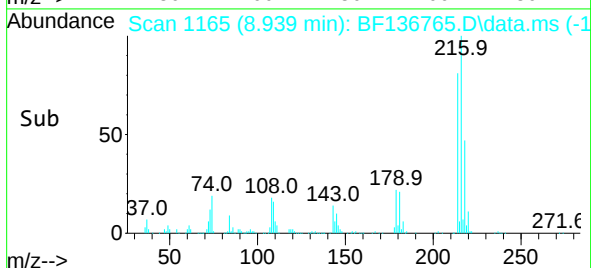
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

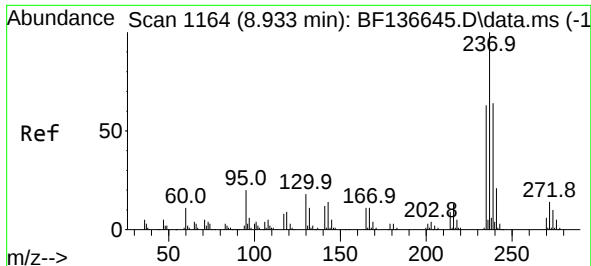


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.903 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



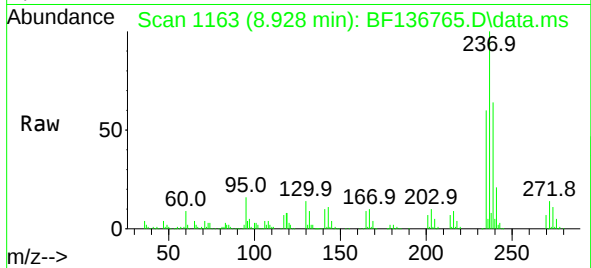
Tgt Ion:216 Resp: 174311
Ion Ratio Lower Upper
216 100
214 81.0 62.3 93.5
179 21.0 16.4 24.6
108 18.6 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 102.020 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

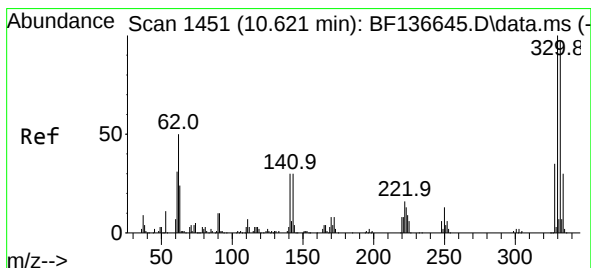
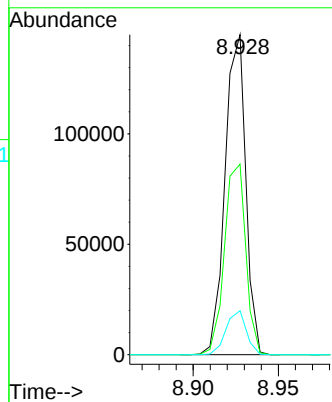
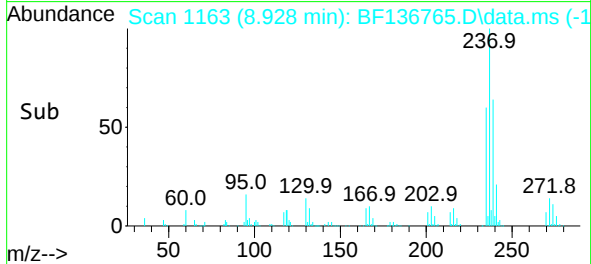
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



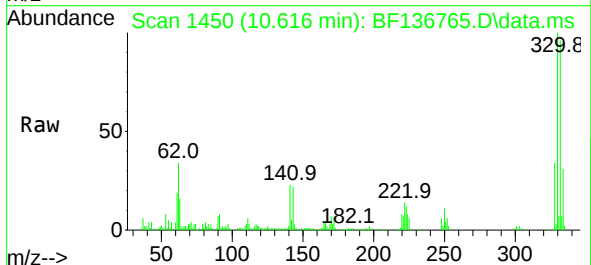
Tgt Ion:237 Resp: 12259
Ion Ratio Lower Upper
237 100
235 59.6 43.2 83.2
272 13.7 0.0 34.2

Manual Integrations
APPROVED

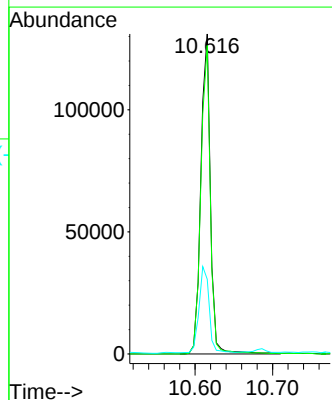
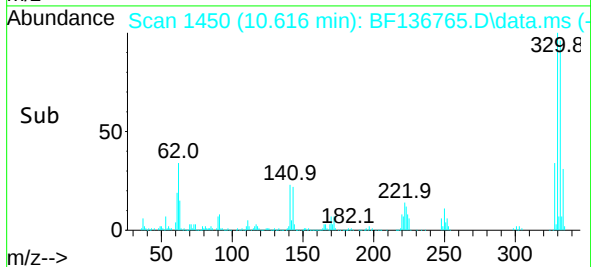
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

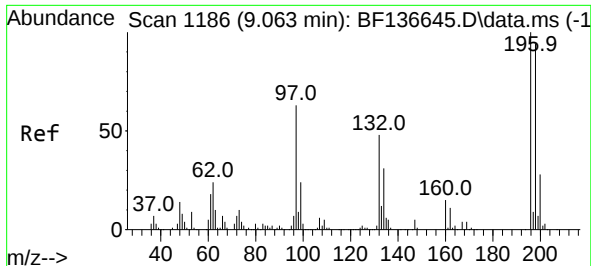


#42
2,4,6-Tribromophenol
Concen: 79.399 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



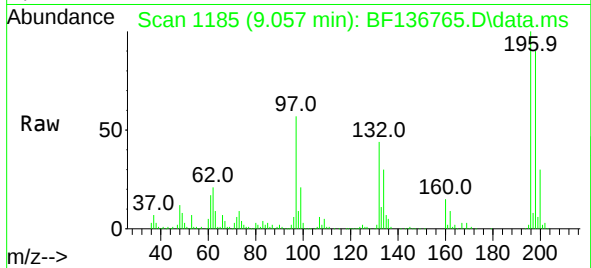
Tgt Ion:330 Resp: 112214
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 28.2 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 47.888 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

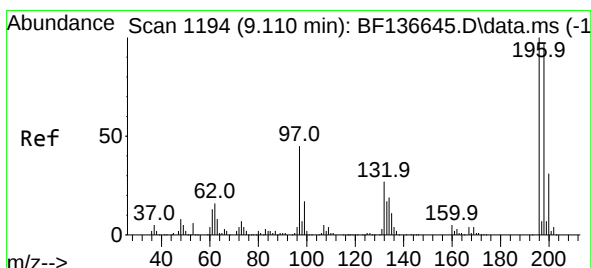
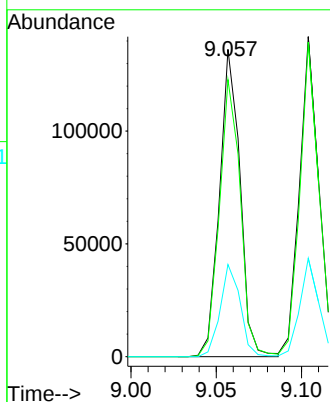
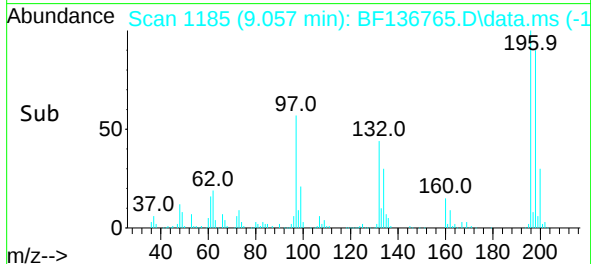
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



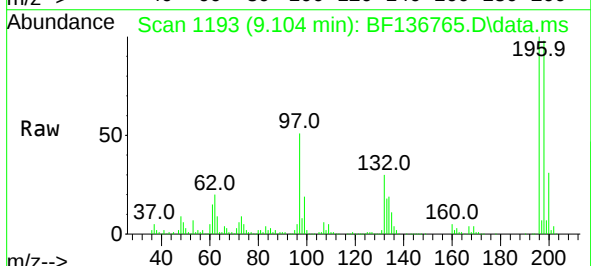
Tgt Ion:196 Resp: 114130
Ion Ratio Lower Upper
196 100
198 90.2 75.1 112.7
200 30.0 22.5 33.7

Manual Integrations
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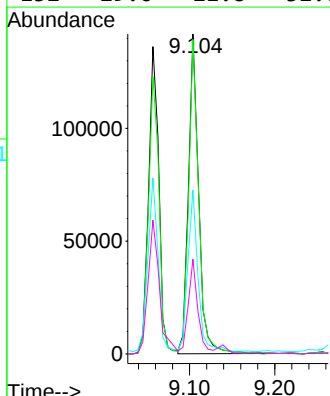
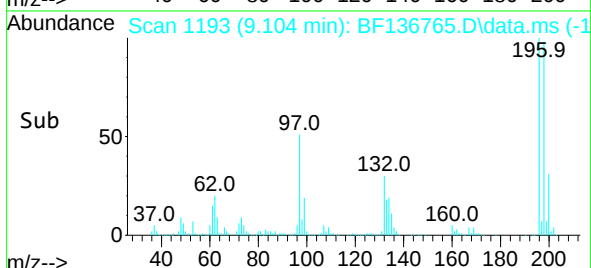
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

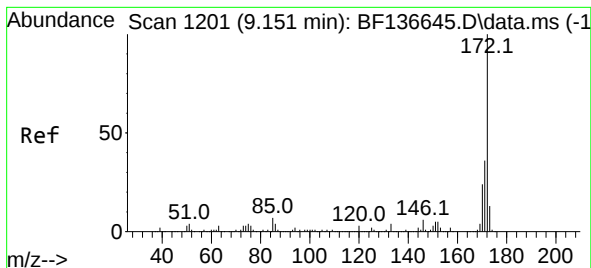


#44
2,4,5-Trichlorophenol
Concen: 44.545 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



Tgt Ion:196 Resp: 118309
Ion Ratio Lower Upper
196 100
198 98.3 77.0 115.6
97 51.2 36.1 54.1
132 29.6 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 68.416 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

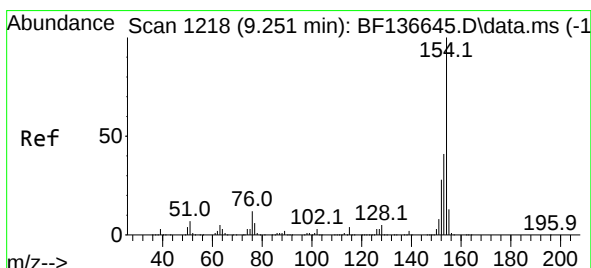
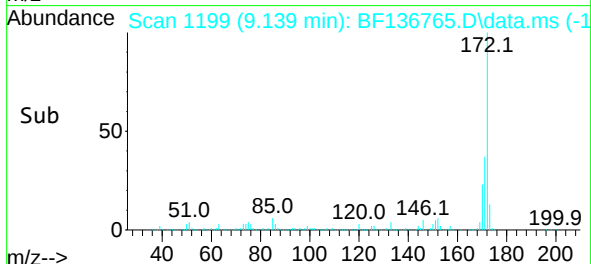
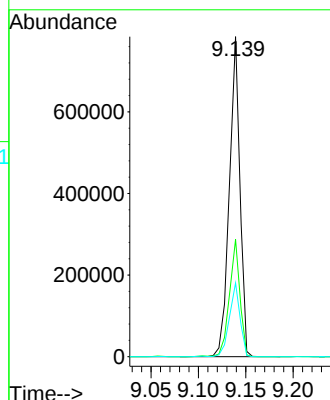
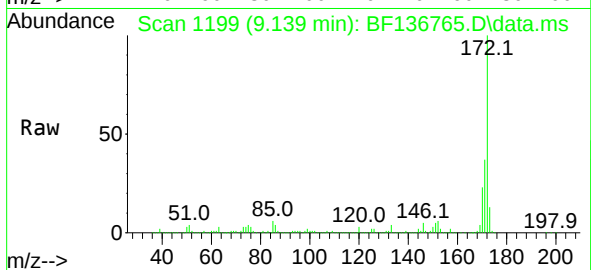
RT-SB-04-13-14MS

Tgt Ion:172 Resp: 610419
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 23.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023



#46

1,1'-Biphenyl

Concen: 46.673 ng

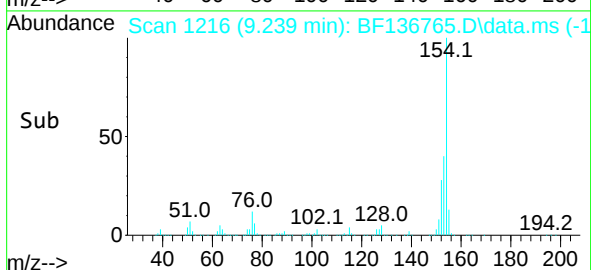
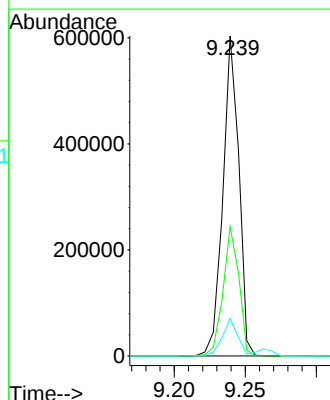
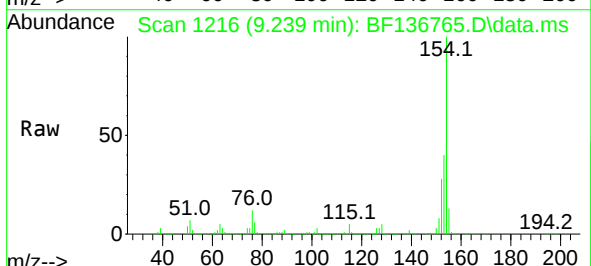
RT: 9.239 min Scan# 1216

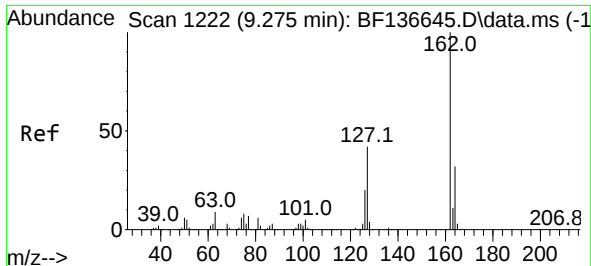
Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

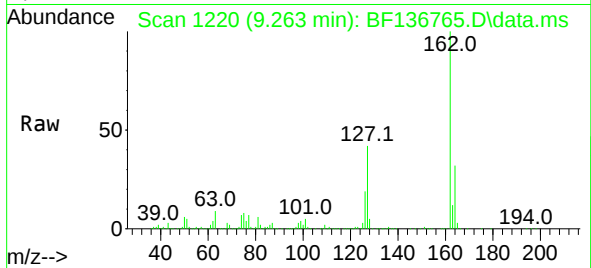
Tgt Ion:154 Resp: 470001
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.1 61.1
 76 11.7 0.0 31.7





#47
2-Chloronaphthalene
Concen: 43.492 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

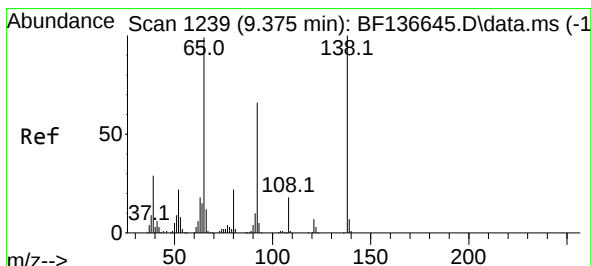
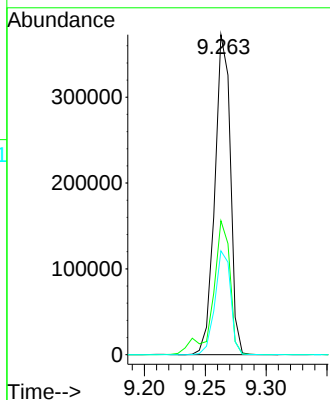
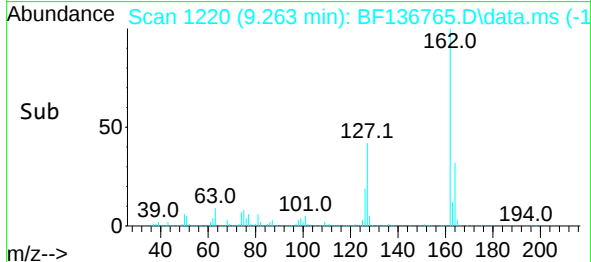
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



Tgt Ion:162 Resp: 332945
Ion Ratio Lower Upper
162 100
127 41.9 33.6 50.4
164 32.4 25.7 38.5

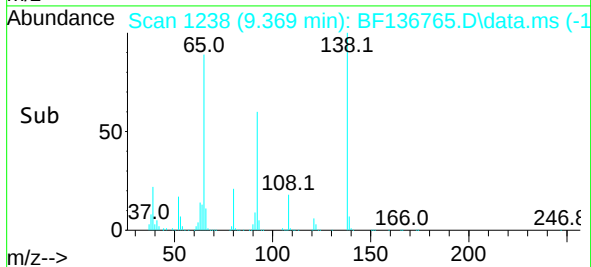
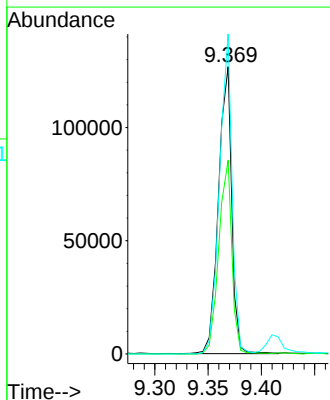
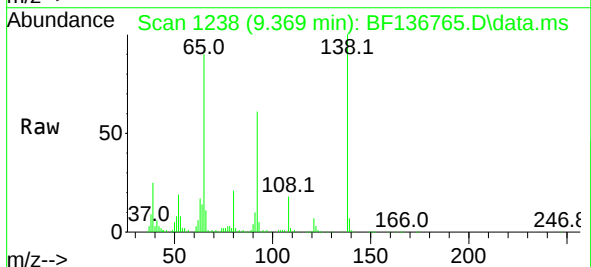
Manual Integrations
APPROVED

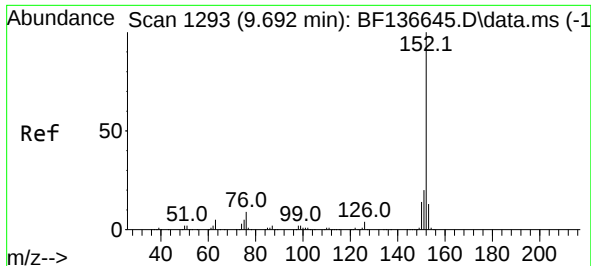
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#48
2-Nitroaniline
Concen: 45.482 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion: 65 Resp: 109033
Ion Ratio Lower Upper
65 100
92 67.4 53.2 79.8
138 111.4 81.1 121.7





#49

Acenaphthylene

Concen: 44.493 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MS

Tgt Ion:152 Resp: 520614

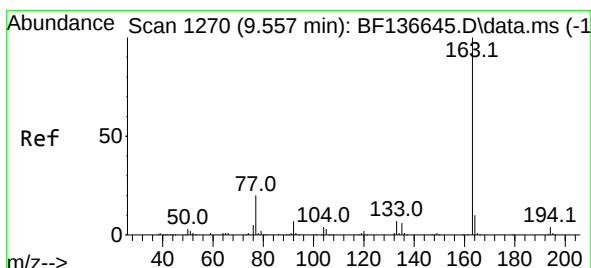
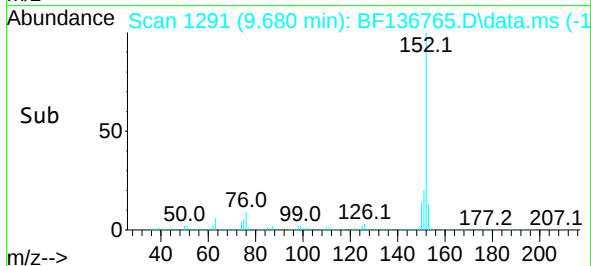
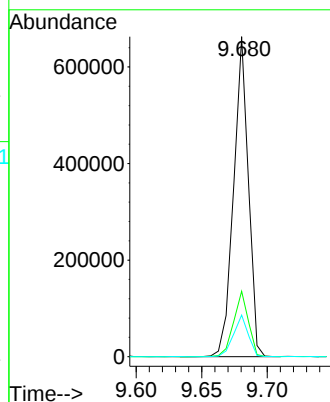
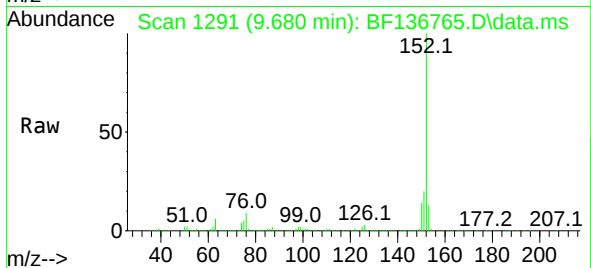
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.0	10.2	15.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#50

Dimethylphthalate

Concen: 45.427 ng

RT: 9.545 min Scan# 1268

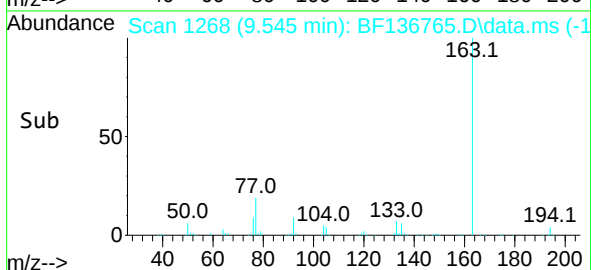
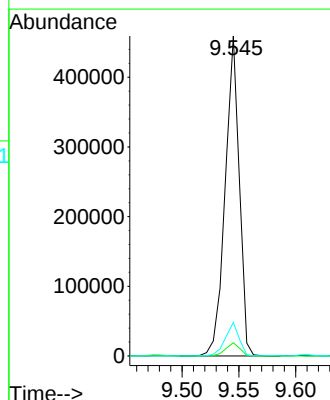
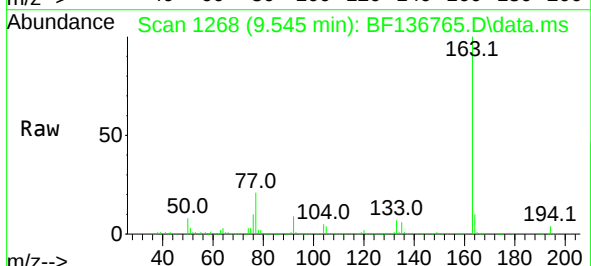
Delta R.T. -0.012 min

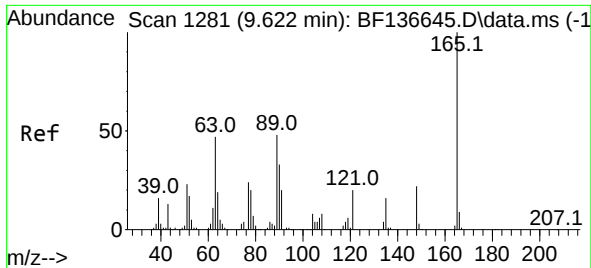
Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Tgt Ion:163 Resp: 398174

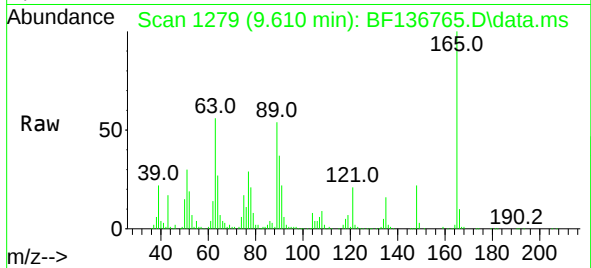
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.5	7.8	11.6





#51
2,6-Dinitrotoluene
Concen: 42.126 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

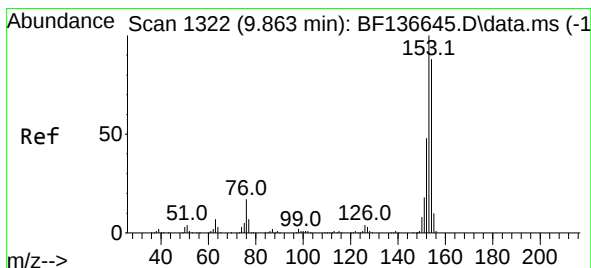
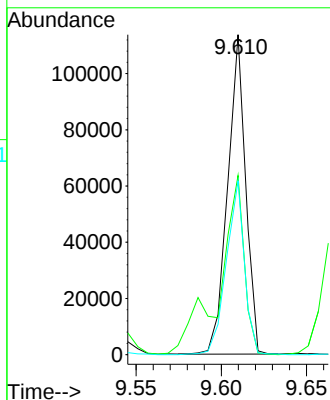
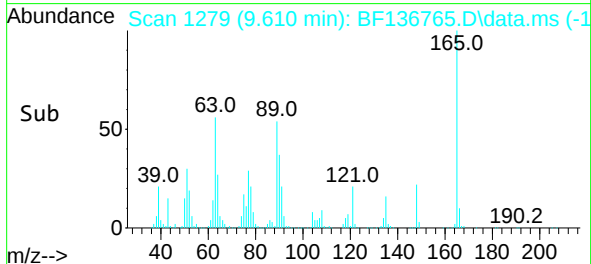
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



Tgt Ion:165 Resp: 83800
Ion Ratio Lower Upper
165 100
63 56.0 39.8 59.6
89 54.3 38.8 58.2

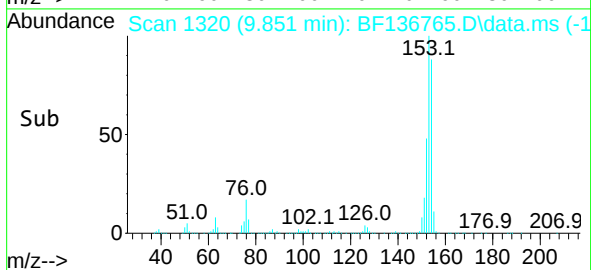
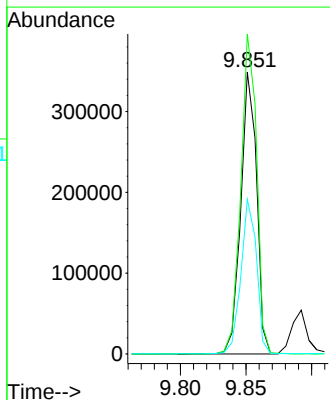
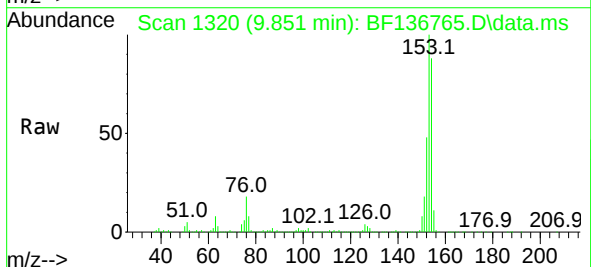
Manual Integrations
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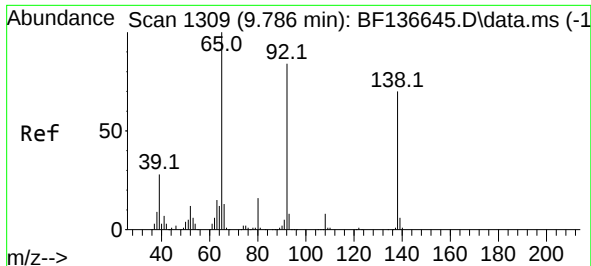
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#52
Acenaphthene
Concen: 40.440 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

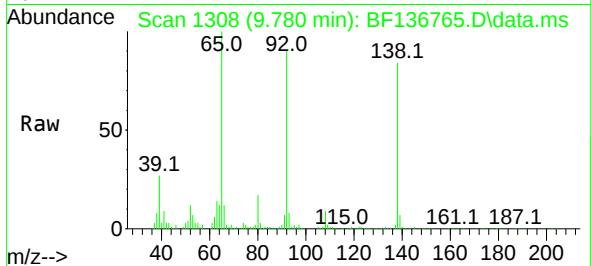
Tgt Ion:154 Resp: 293321
Ion Ratio Lower Upper
154 100
153 113.5 90.7 136.1
152 54.8 43.7 65.5





#53
3-Nitroaniline
Concen: 33.372 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

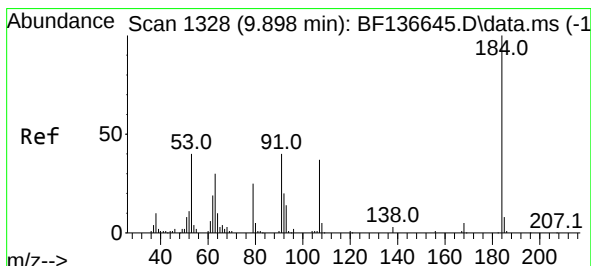
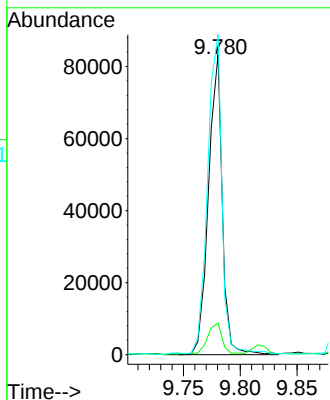
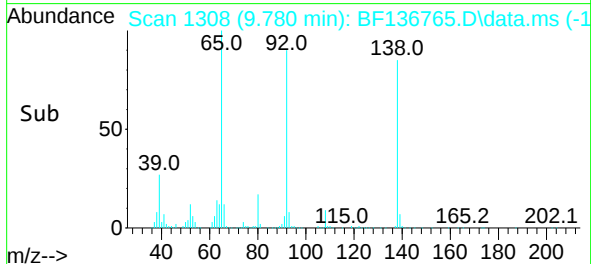
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



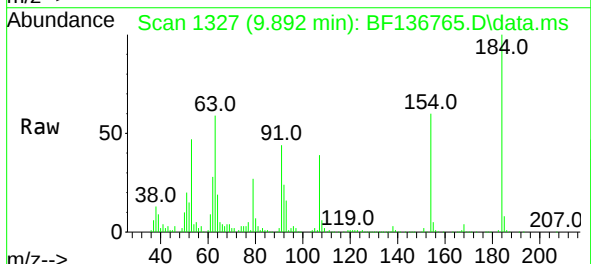
Tgt Ion:138 Resp: 7032
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 106.6 95.2 142.8

Manual Integrations
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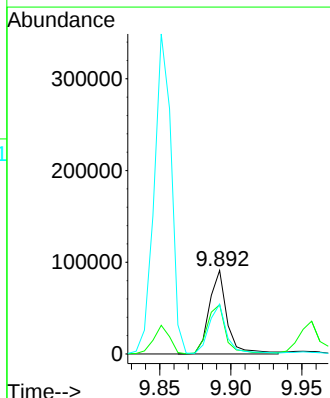
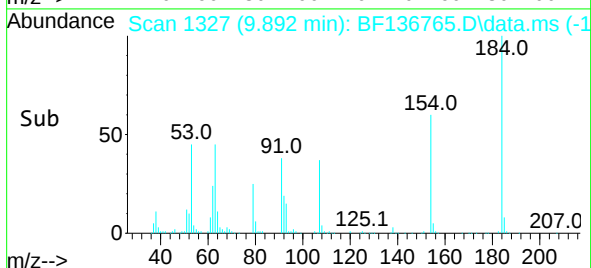
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

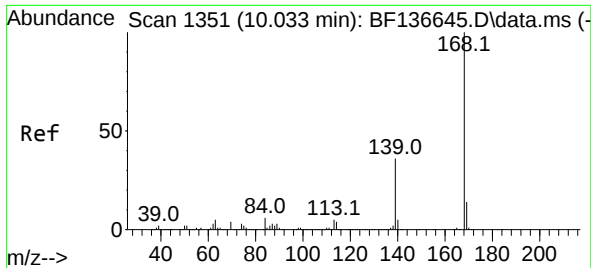


#54
2,4-Dinitrophenol
Concen: 72.350 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



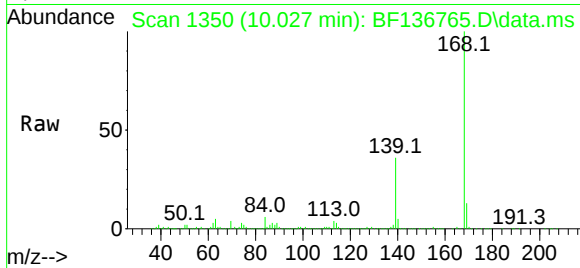
Tgt Ion:184 Resp: 79353
Ion Ratio Lower Upper
184 100
63 59.0 40.9 61.3
154 59.6 42.7 64.1





#55
Dibenzofuran
Concen: 41.045 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

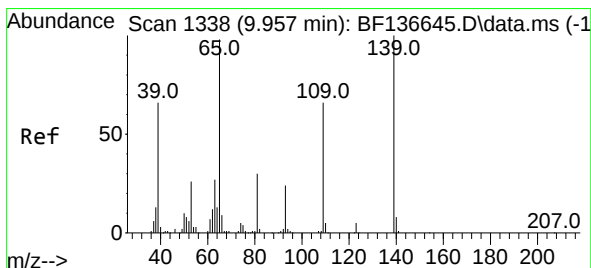
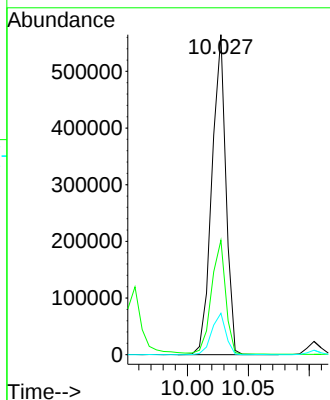
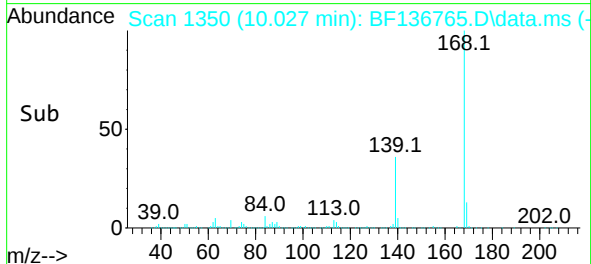
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



Tgt Ion:168 Resp: 451290
Ion Ratio Lower Upper
168 100
139 35.8 29.3 43.9
169 13.0 11.0 16.4

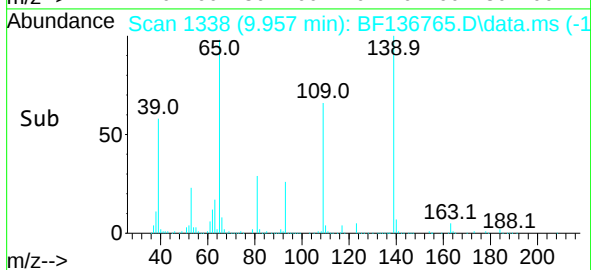
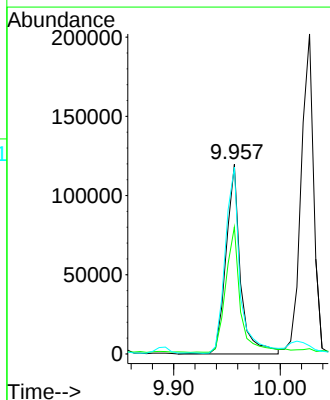
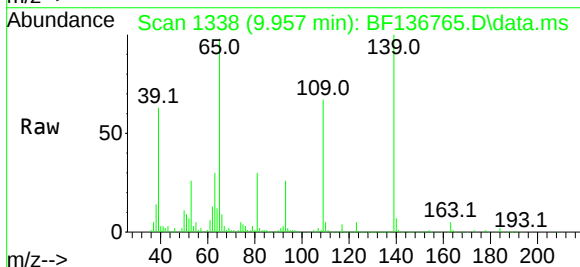
Manual Integrations
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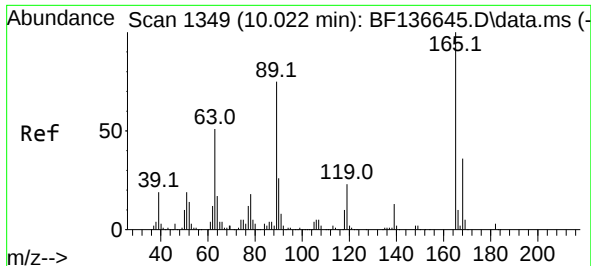
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#56
4-Nitrophenol
Concen: 79.126 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

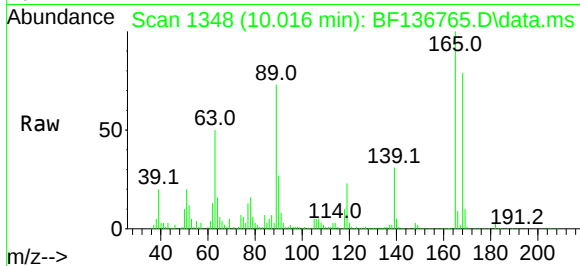
Tgt Ion:139 Resp: 112560
Ion Ratio Lower Upper
139 100
109 66.9 45.8 85.8
65 98.4 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 40.416 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

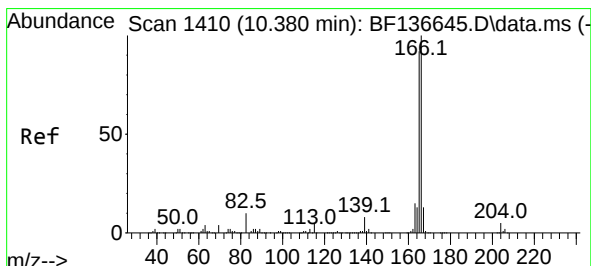
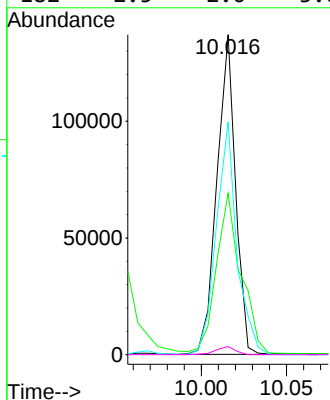
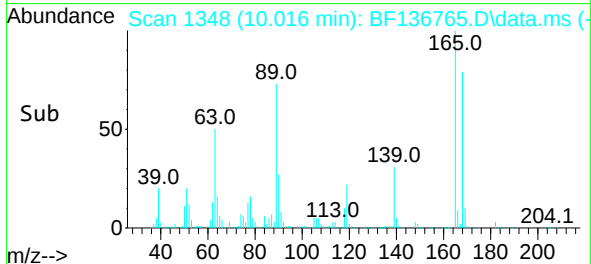
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



Tgt Ion:165 Resp: 104374
Ion Ratio Lower Upper
165 100
63 50.5 41.0 61.6
89 72.7 59.9 89.9
182 2.5 2.0 3.0

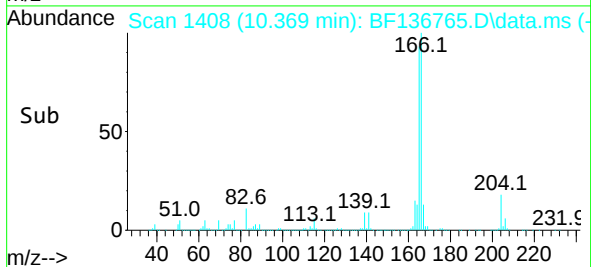
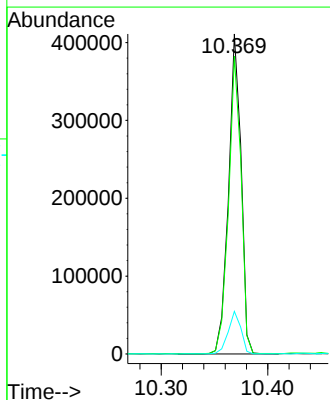
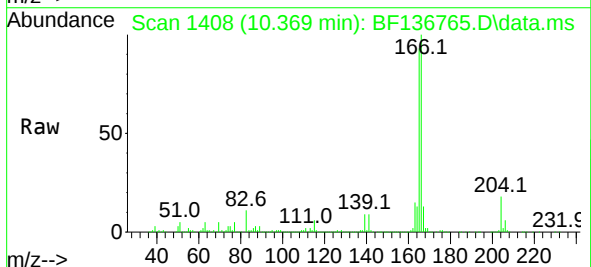
Manual Integrations
APPROVED

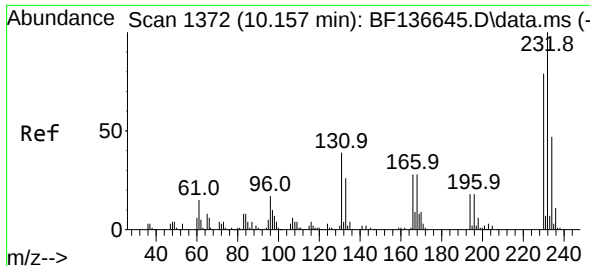
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#58
Fluorene
Concen: 38.551 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

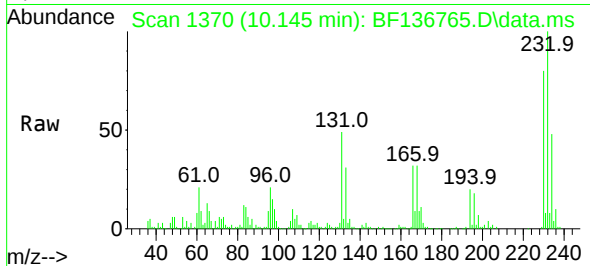
Tgt Ion:166 Resp: 336322
Ion Ratio Lower Upper
166 100
165 93.0 73.7 110.5
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.402 ng
RT: 10.145 min Scan# 1372
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

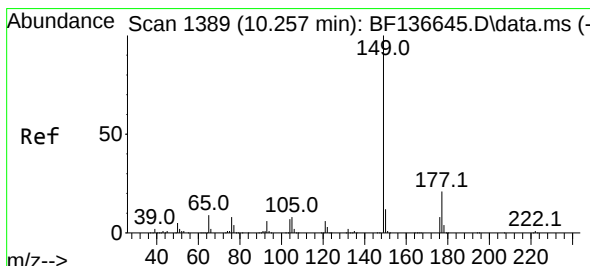
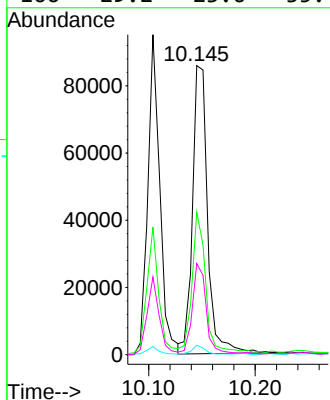
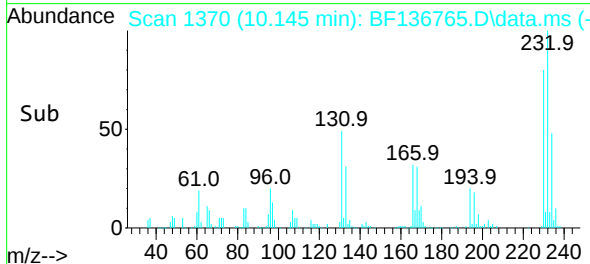
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



Tgt Ion:232 Resp: 8464
Ion Ratio Lower Upper
232 100
131 43.6 35.1 52.7
130 2.6 1.6 2.4
166 29.2 23.6 35.4

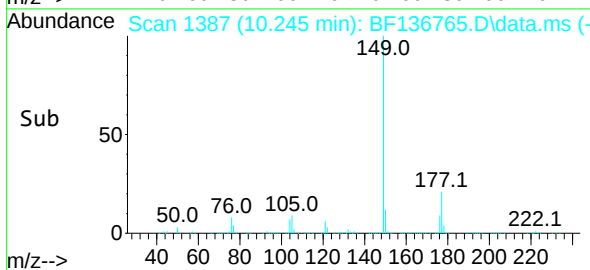
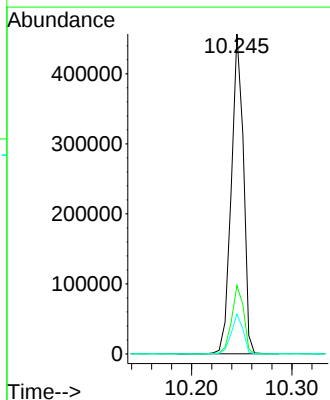
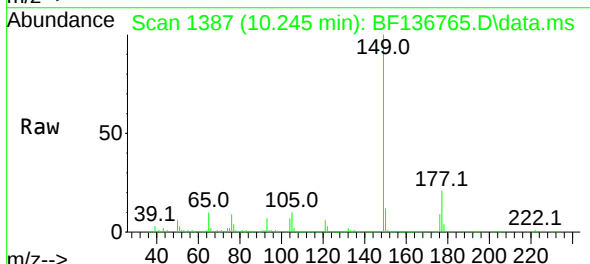
Manual Integrations
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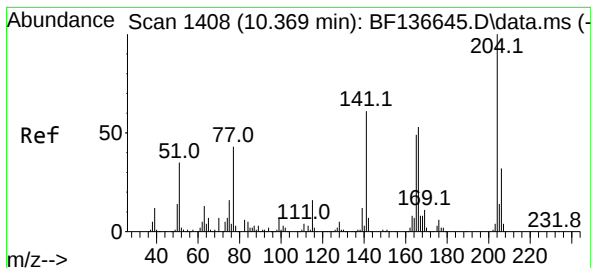
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#60
Diethylphthalate
Concen: 41.876 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

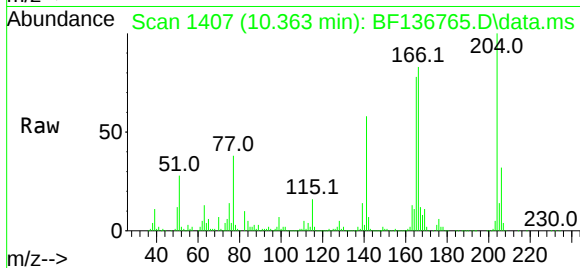
Tgt Ion:149 Resp: 380836
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.4 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 38.984 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

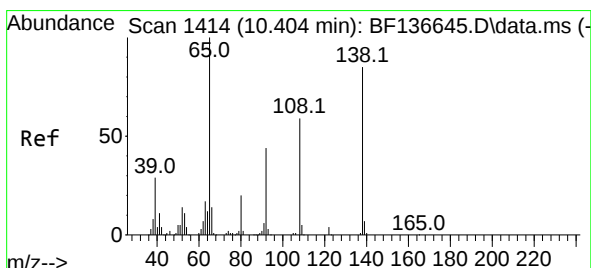
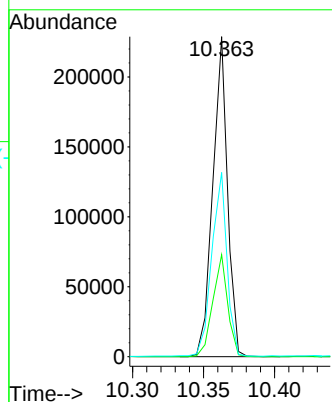
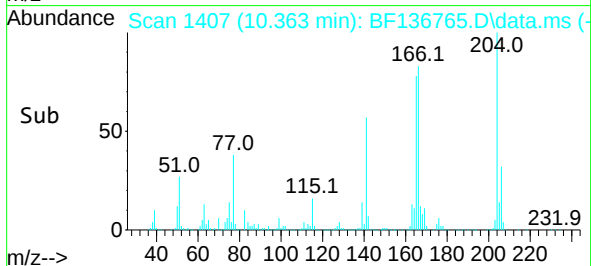
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



Tgt Ion:204 Resp: 16531
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 57.5 48.4 72.6

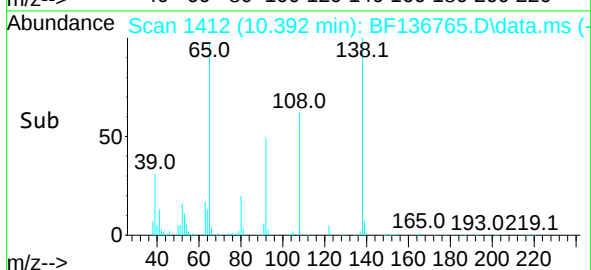
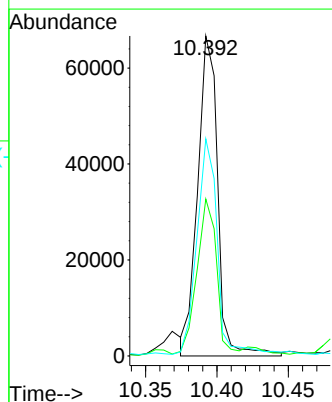
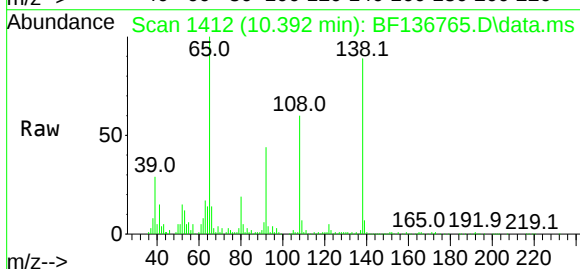
Manual Integrations
APPROVED

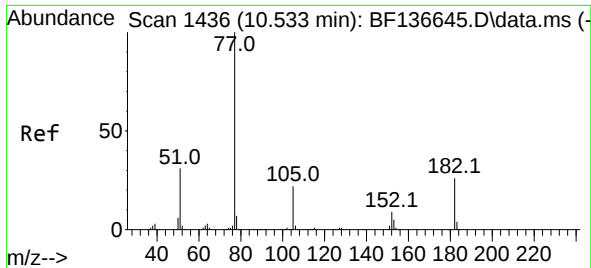
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#62
4-Nitroaniline
Concen: 32.080 ng m
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

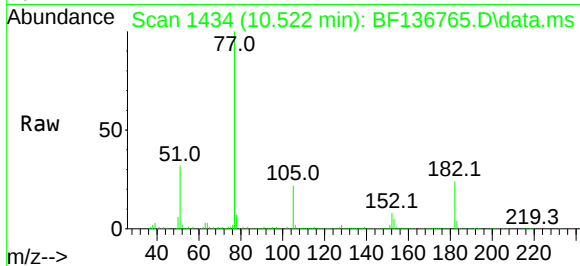
Tgt Ion:138 Resp: 65170
Ion Ratio Lower Upper
138 100
92 49.1 32.1 72.1
108 67.9 50.1 90.1





#63
Azobenzene
Concen: 37.389 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

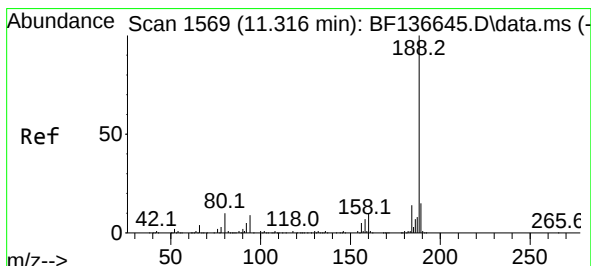
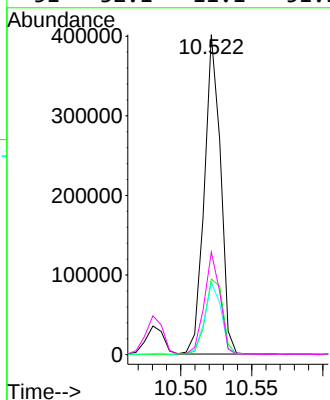
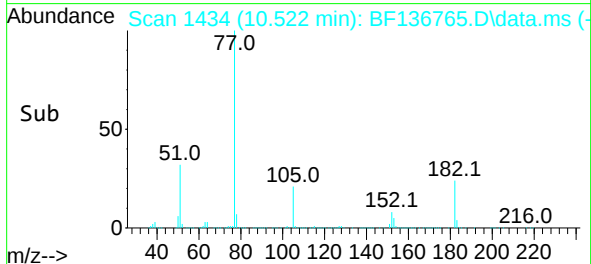
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



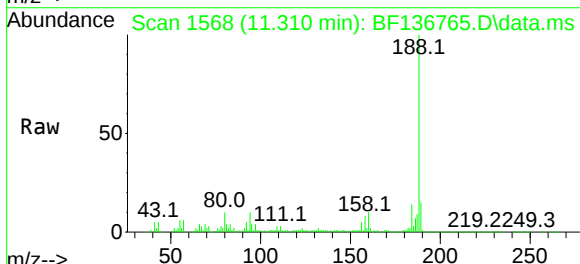
Tgt Ion: 77 Resp: 317592
Ion Ratio Lower Upper
77 100
182 23.6 6.0 46.0
105 22.5 2.3 42.3
51 32.1 11.1 51.1

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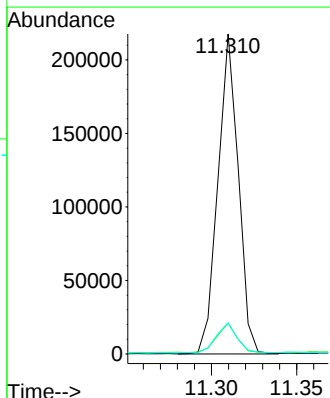
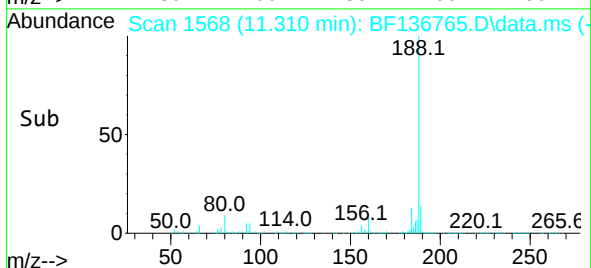
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

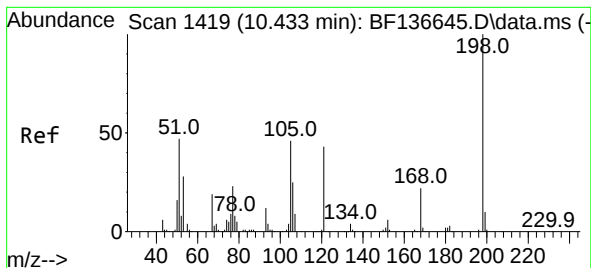


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



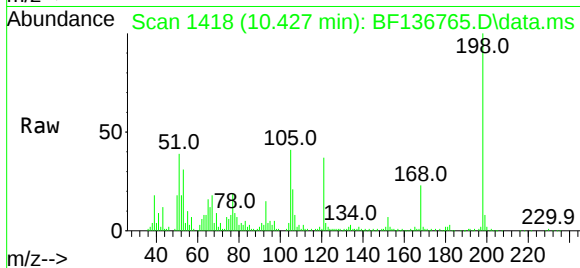
Tgt Ion:188 Resp: 181590
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 9.7 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 47.185 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

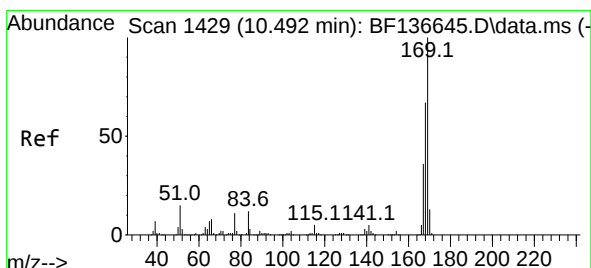
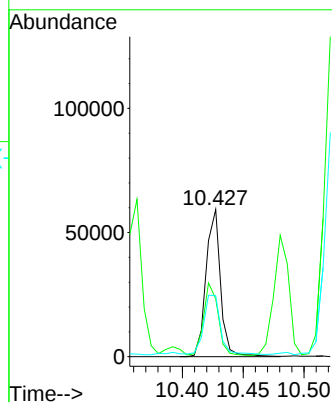
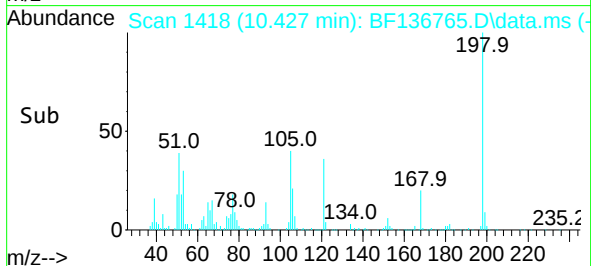
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



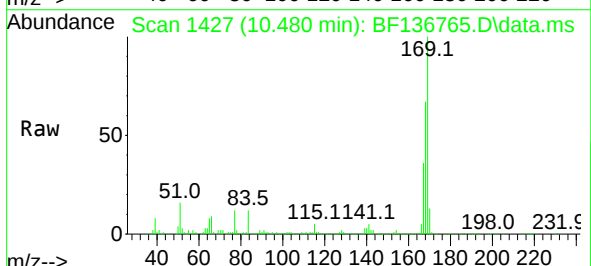
Tgt Ion:198 Resp: 4910
Ion Ratio Lower Upper
198 100
51 39.4 34.1 74.1
105 41.4 27.3 67.3

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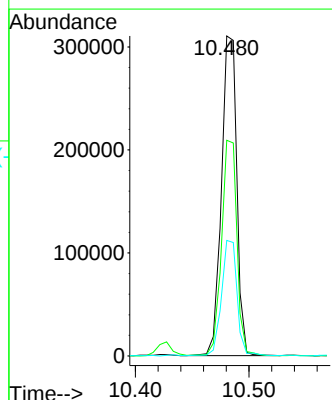
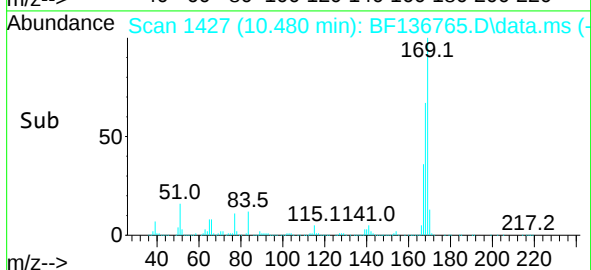
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

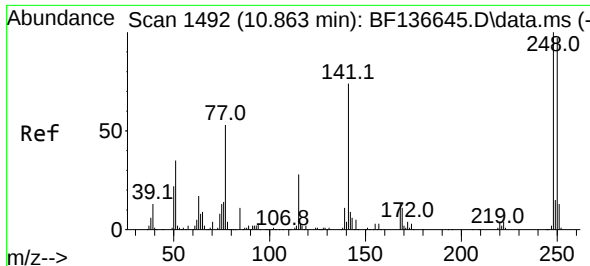


#66
n-Nitrosodiphenylamine
Concen: 49.617 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



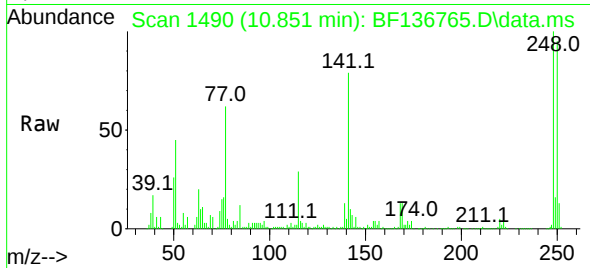
Tgt Ion:169 Resp: 292685
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.6
167 36.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 45.809 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

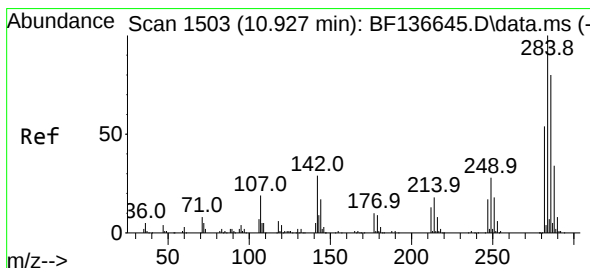
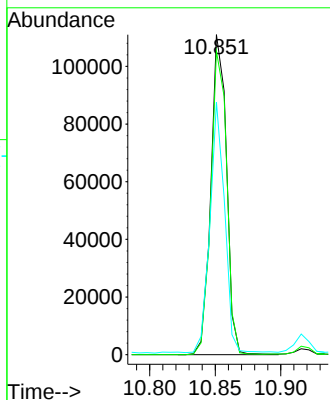
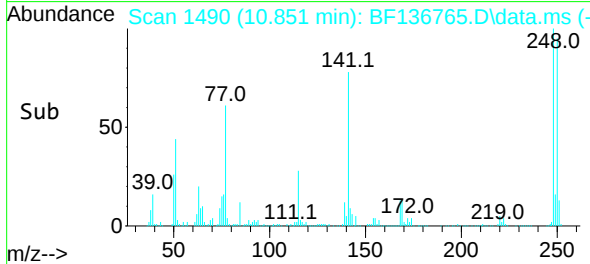
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



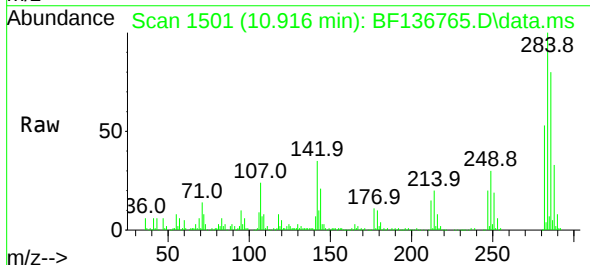
Tgt Ion:248 Resp: 9238
Ion Ratio Lower Upper
248 100
250 94.8 77.8 116.6
141 79.0 59.2 88.8

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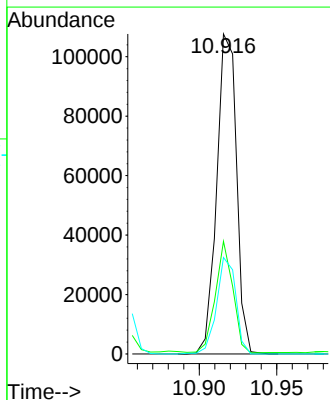
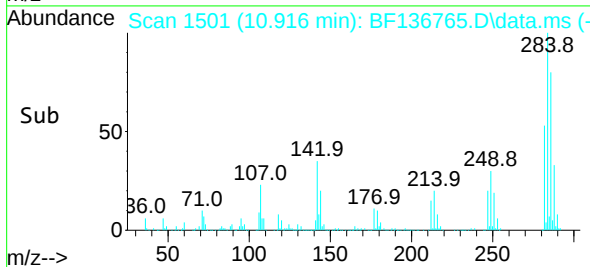
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

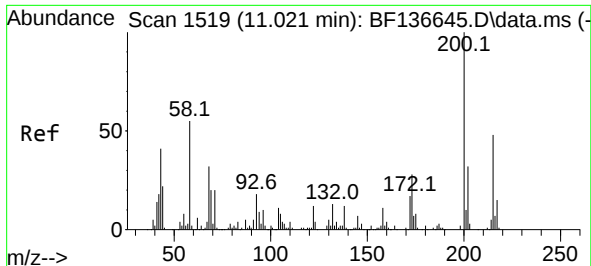


#68
Hexachlorobenzene
Concen: 42.570 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



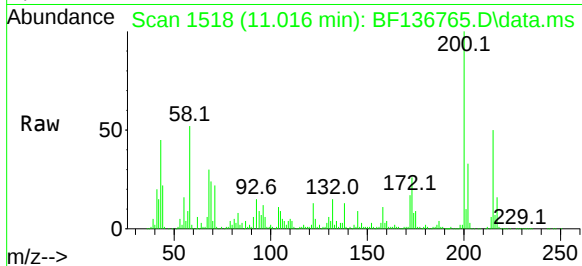
Tgt Ion:284 Resp: 95673
Ion Ratio Lower Upper
284 100
142 35.2 23.4 35.0#
249 30.2 22.3 33.5





#69
 Atrazine
 Concen: 59.706 ng
 RT: 11.016 min Scan# 1518
 Delta R.T. -0.006 min
 Lab File: BF136765.D
 Acq: 27 Dec 2023 18:56

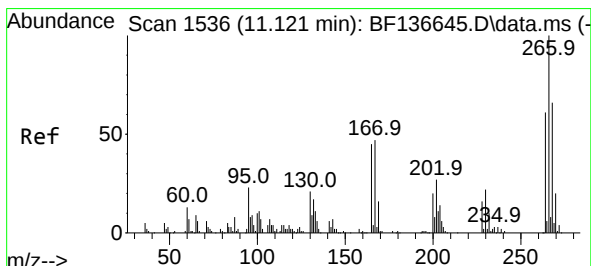
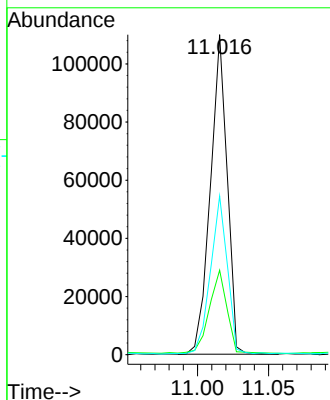
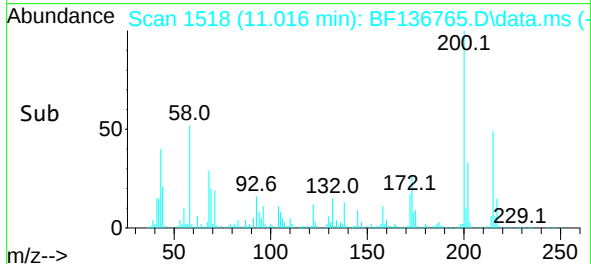
Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-04-13-14MS



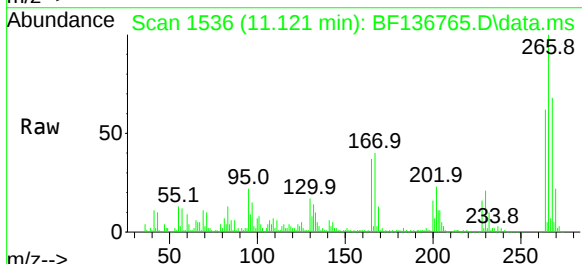
Tgt Ion:200 Resp: 90082
 Ion Ratio Lower Upper
 200 100
 173 26.4 7.6 47.6
 215 49.6 28.3 68.3

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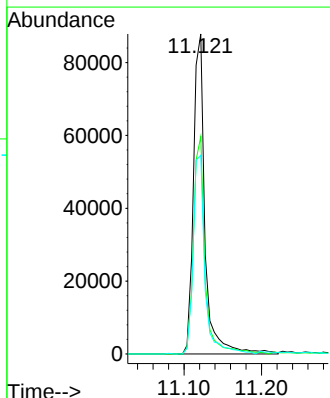
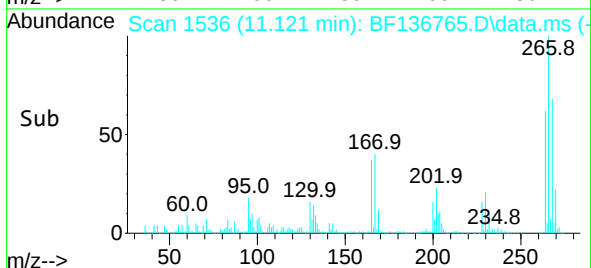
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

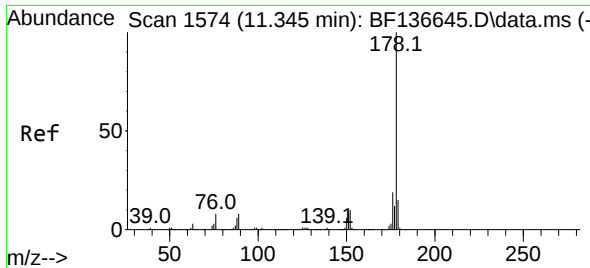


#70
 Pentachlorophenol
 Concen: 86.956 ng
 RT: 11.121 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF136765.D
 Acq: 27 Dec 2023 18:56



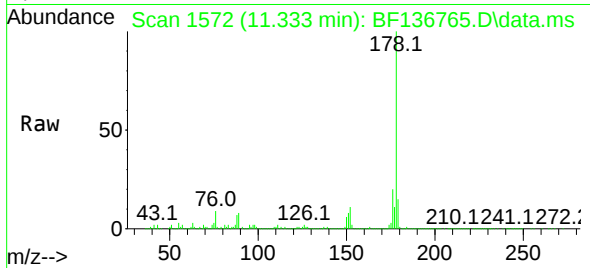
Tgt Ion:266 Resp: 91091
 Ion Ratio Lower Upper
 266 100
 268 67.9 52.6 78.8
 264 62.1 49.0 73.4





#71
Phenanthrene
Concen: 44.314 ng
RT: 11.333 min Scan# 1574
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

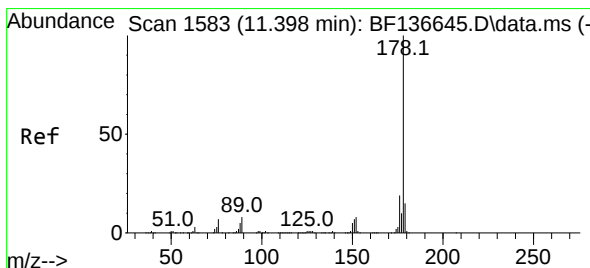
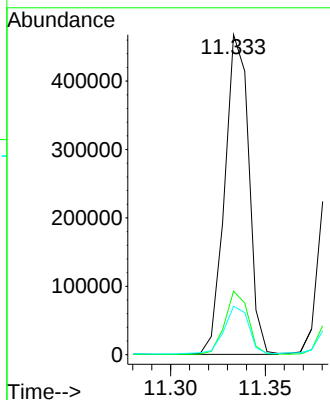
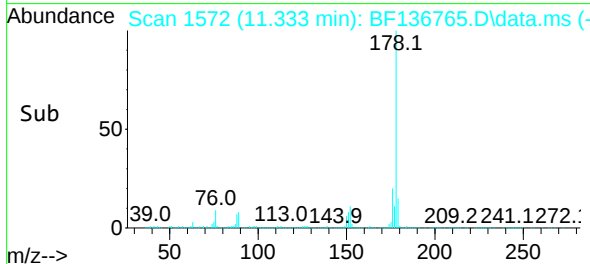
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



Tgt Ion:178 Resp: 41289
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 15.1 11.9 17.9

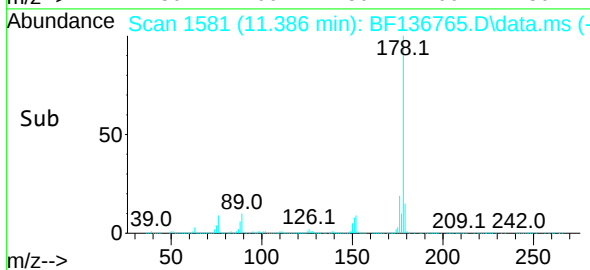
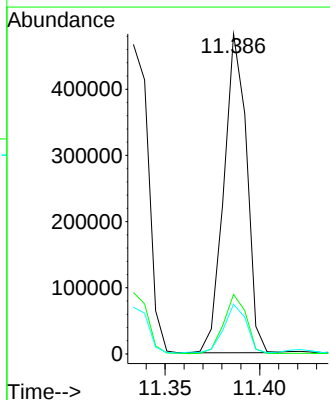
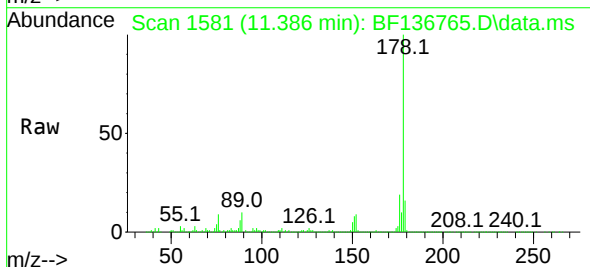
Manual Integrations
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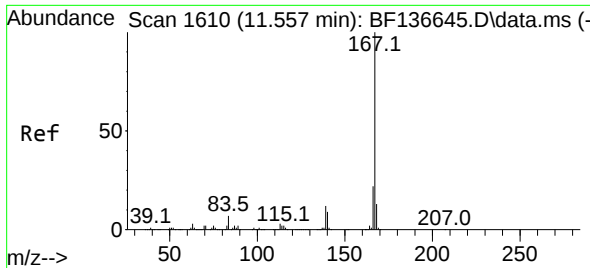
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#72
Anthracene
Concen: 42.903 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

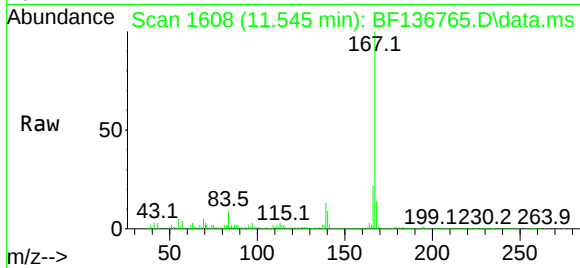
Tgt Ion:178 Resp: 404839
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.6 11.8 17.6





#73
Carbazole
Concen: 42.070 ng
RT: 11.545 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

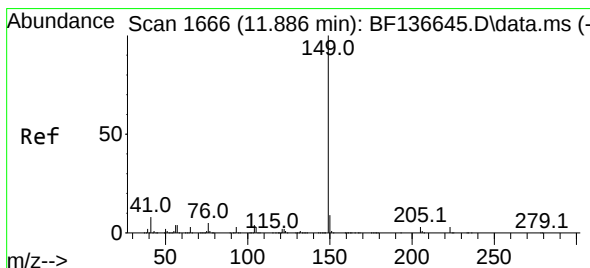
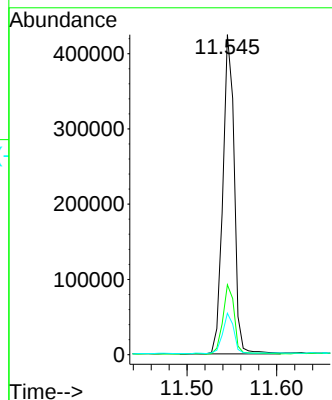
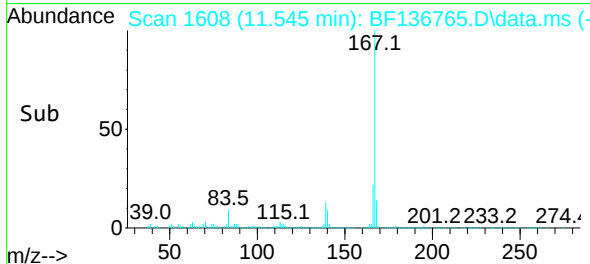
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



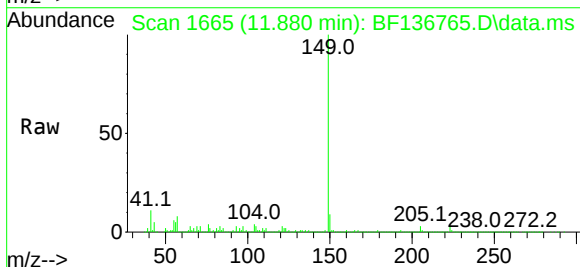
Tgt Ion:167 Resp: 374274
Ion Ratio Lower Upper
167 100
166 21.9 17.3 25.9
139 13.0 9.8 14.6

Manual Integrations
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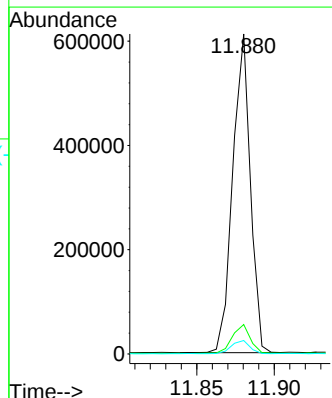
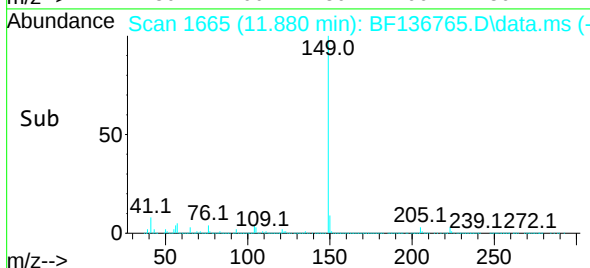
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

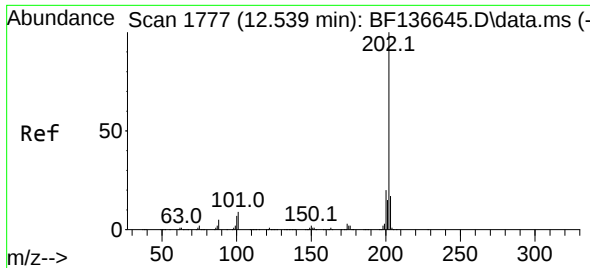


#74
Di-n-butylphthalate
Concen: 44.527 ng
RT: 11.880 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



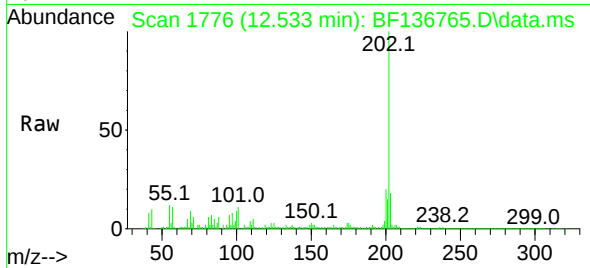
Tgt Ion:149 Resp: 483386
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.2 3.6 5.4





#75
Fluoranthene
Concen: 40.052 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

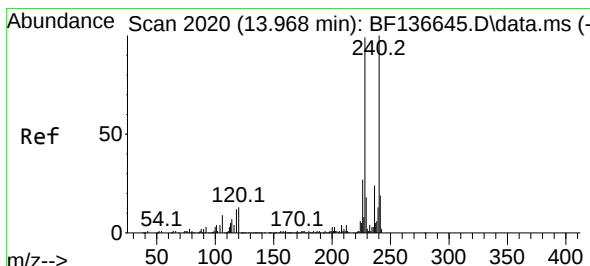
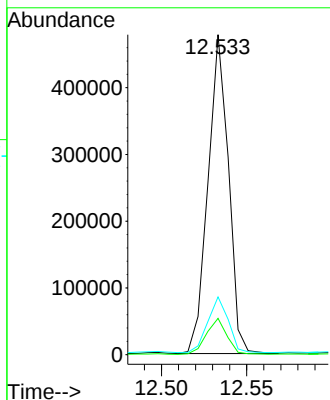
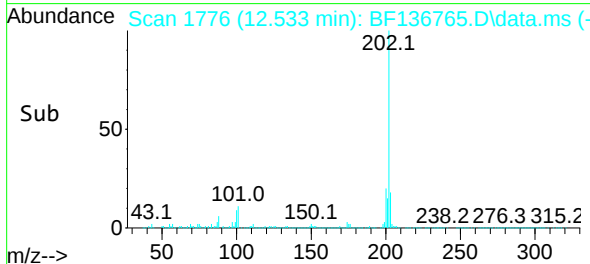
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



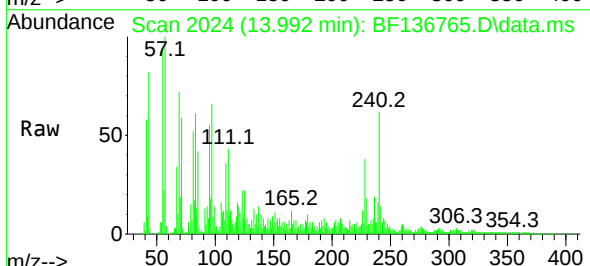
Tgt Ion:202 Resp: 399180
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.3
203 18.0 0.0 37.1

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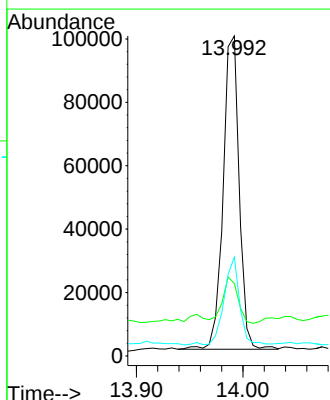
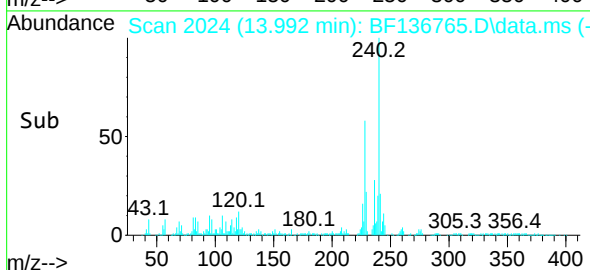
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

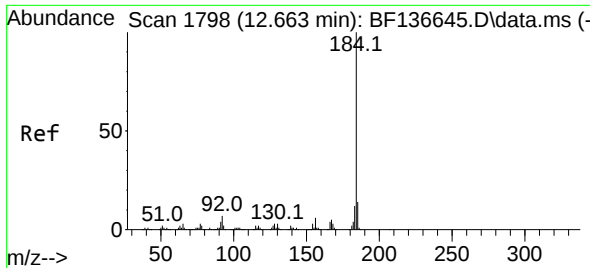


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.024 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



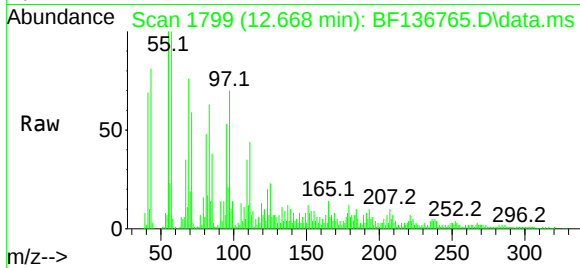
Tgt Ion:240 Resp: 103564
Ion Ratio Lower Upper
240 100
120 22.7 10.3 15.5#
236 30.9 19.4 29.2#





#77
Benzidine
Concen: 4.053 ng
RT: 12.668 min Scan# 1798
Delta R.T. 0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

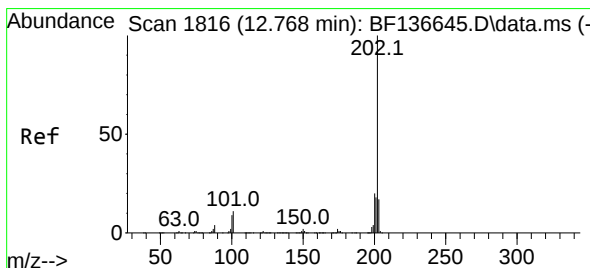
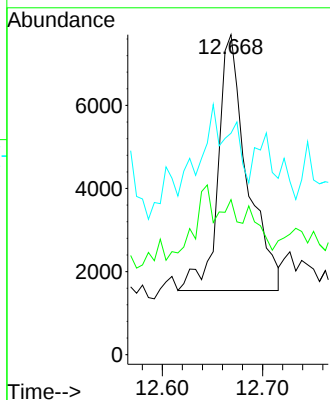
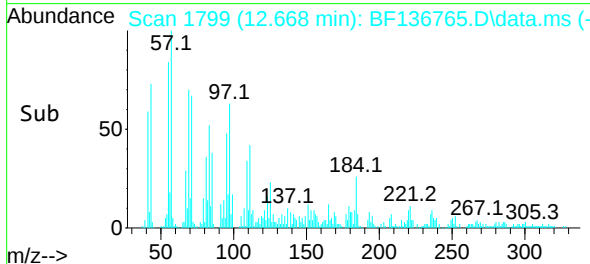
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



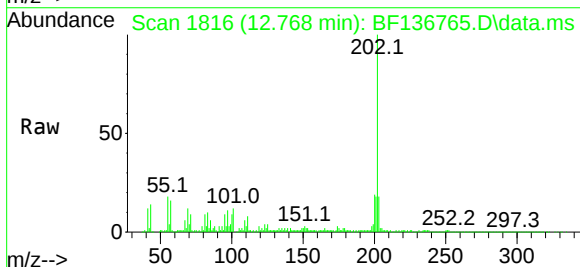
Tgt Ion:184 Resp: 12378
Ion Ratio Lower Upper
184 100
185 48.4 11.2 16.8
183 69.2 9.3 13.9

Manual Integrations
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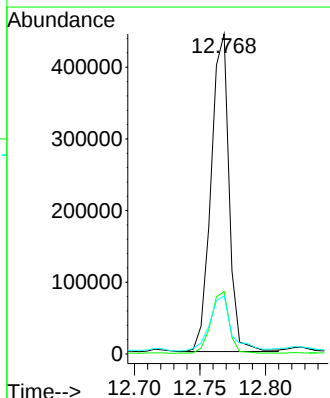
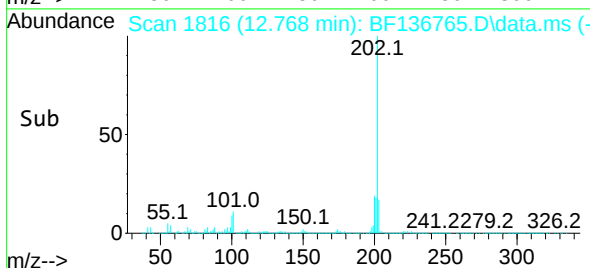
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

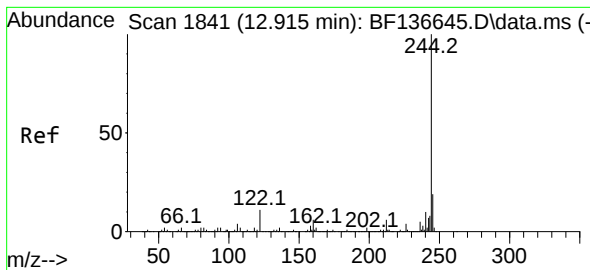


#78
Pyrene
Concen: 41.763 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



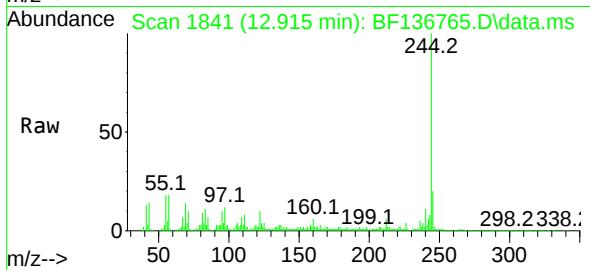
Tgt Ion:202 Resp: 424584
Ion Ratio Lower Upper
202 100
200 19.5 15.9 23.9
203 18.2 13.8 20.6





#79
 Terphenyl-d14
 Concen: 59.905 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF136765.D
 Acq: 27 Dec 2023 18:56

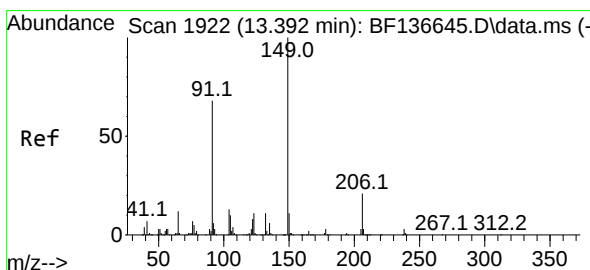
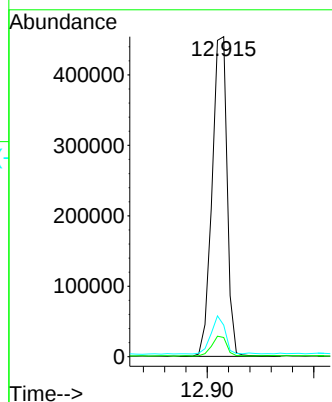
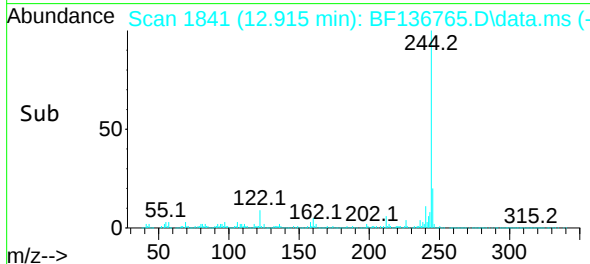
Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-04-13-14MS



Tgt Ion:244 Resp: 443945
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 9.8 9.0 13.4

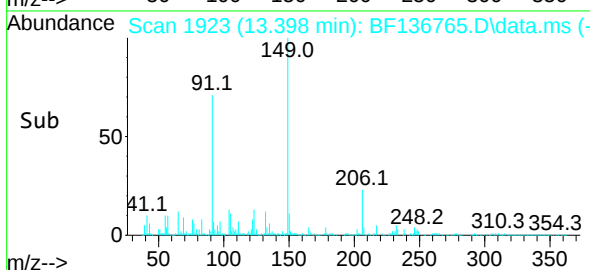
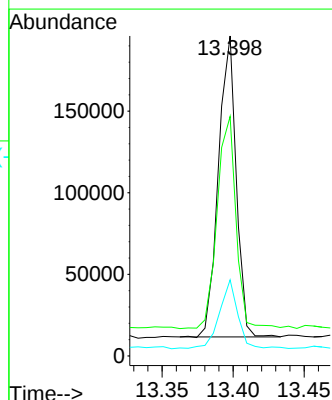
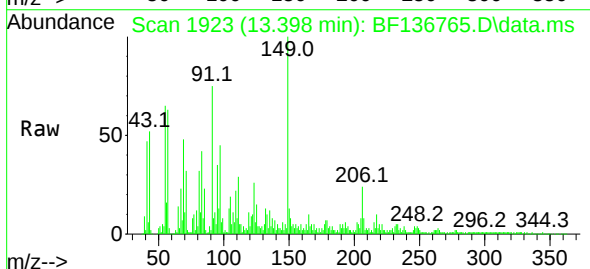
Manual Integrations
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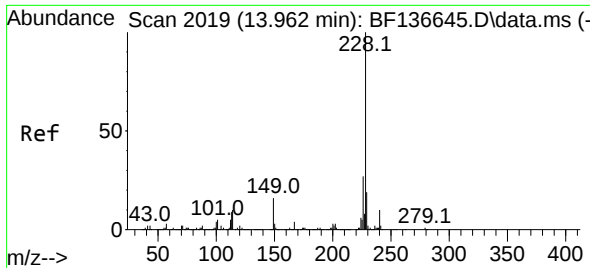
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023



#80
 Butylbenzylphthalate
 Concen: 43.370 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. 0.006 min
 Lab File: BF136765.D
 Acq: 27 Dec 2023 18:56

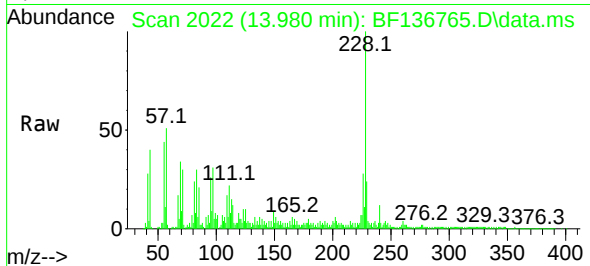
Tgt Ion:149 Resp: 160441
 Ion Ratio Lower Upper
 149 100
 91 74.9 54.1 81.1
 206 23.8 17.1 25.7





#81
Benzo(a)anthracene
Concen: 51.262 ng
RT: 13.980 min Scan# 2019
Delta R.T. 0.018 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

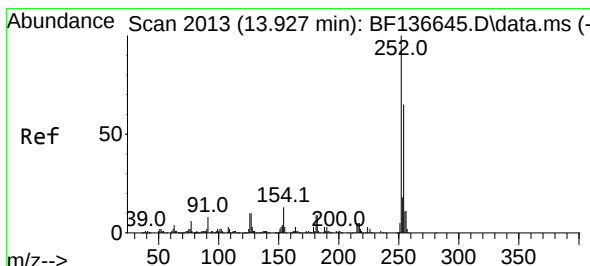
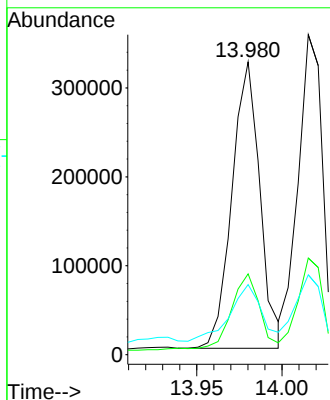
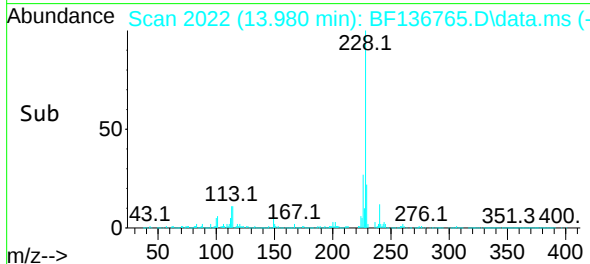
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS



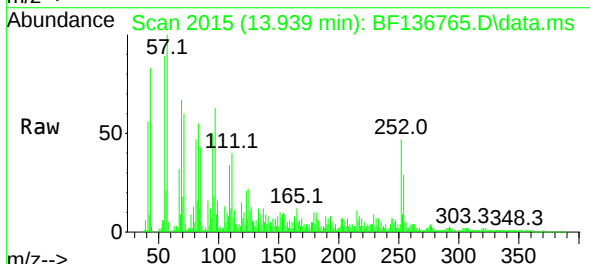
Tgt Ion:228 Resp: 36864
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 23.9 14.9 22.3

Manual Integrations
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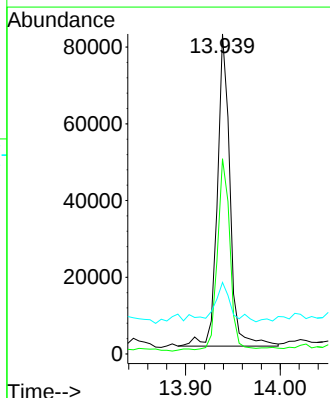
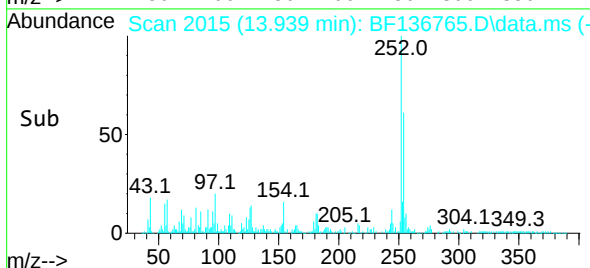
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

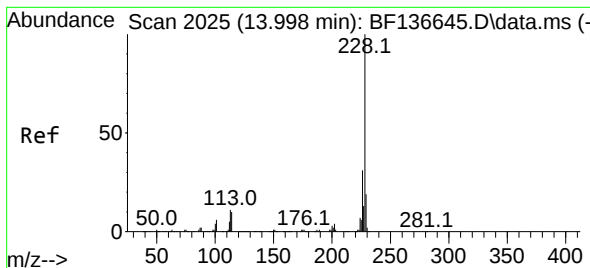


#82
3,3'-Dichlorobenzidine
Concen: 37.284 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



Tgt Ion:252 Resp: 76145
Ion Ratio Lower Upper
252 100
254 61.0 52.2 78.4
126 22.4 8.0 12.0





#83

Chrysene

Concen: 50.619 ng

RT: 14.015 min Scan# 2020

Delta R.T. 0.018 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MS

Tgt Ion:228 Resp: 35597

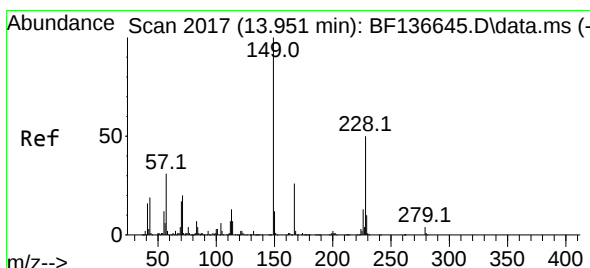
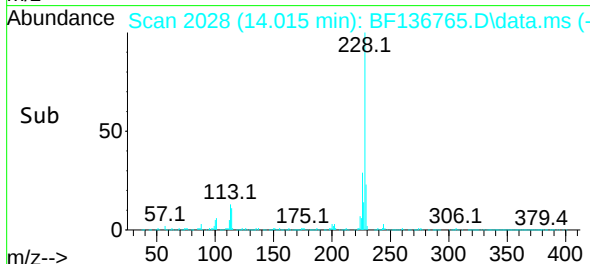
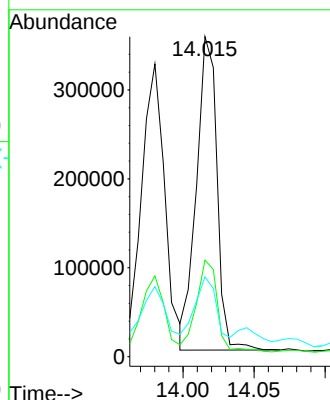
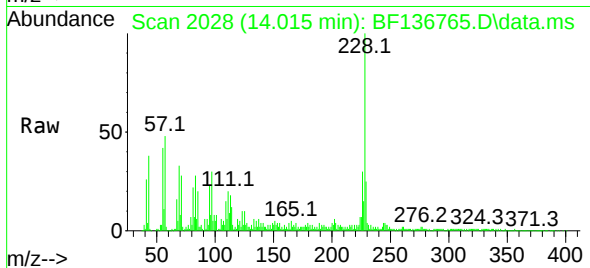
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	25.0	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.198 ng

RT: 13.968 min Scan# 2020

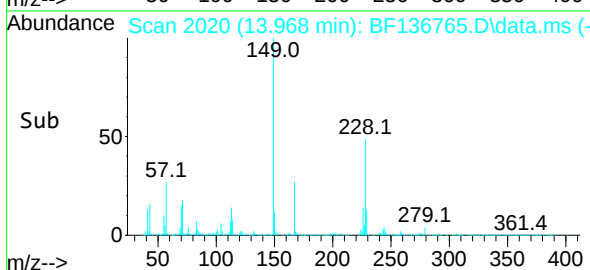
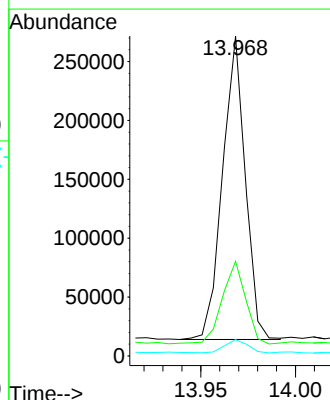
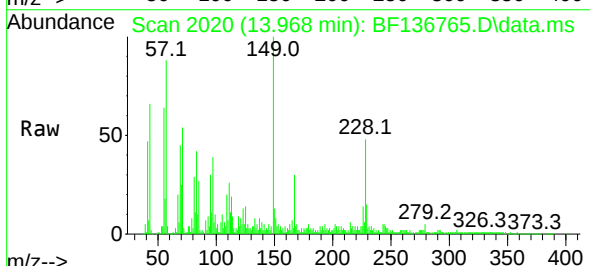
Delta R.T. 0.018 min

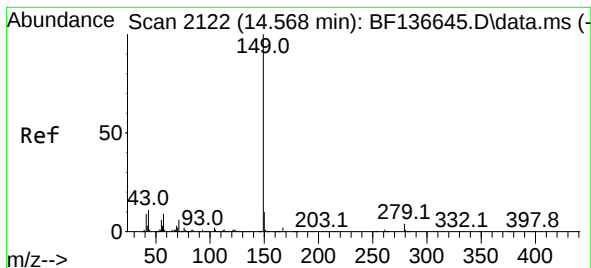
Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Tgt Ion:149 Resp: 215026

Ion	Ratio	Lower	Upper
149	100		
167	29.6	20.9	31.3
279	5.1	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 53.534 ng

RT: 14.592 min Scan# 2126

Delta R.T. 0.024 min

Lab File: BF136765.D

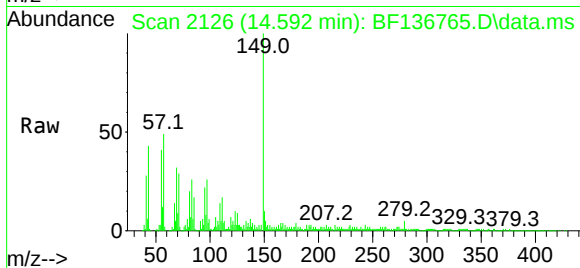
Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MS



Tgt Ion:149 Resp: 385429

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

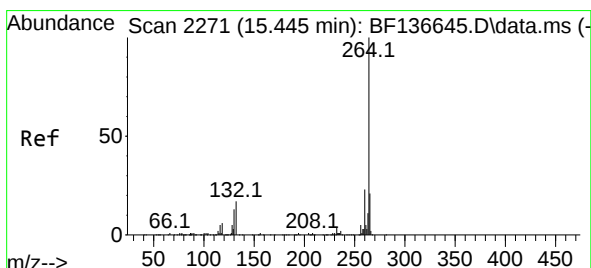
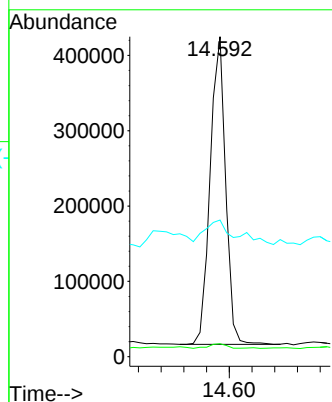
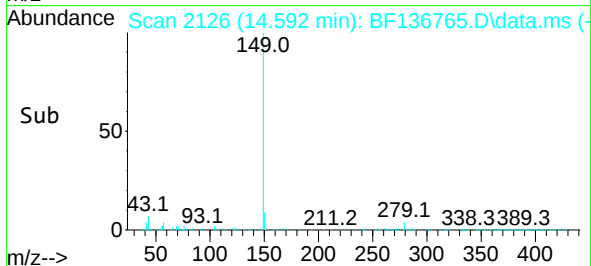
43 9.7 8.9 13.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.053 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

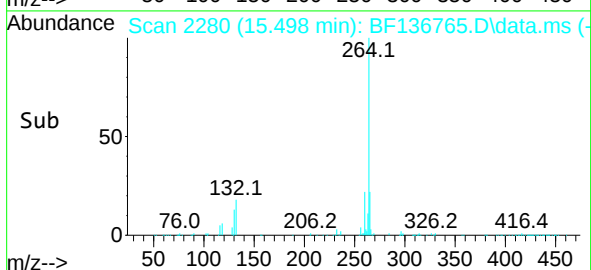
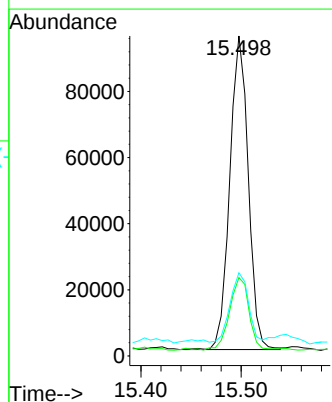
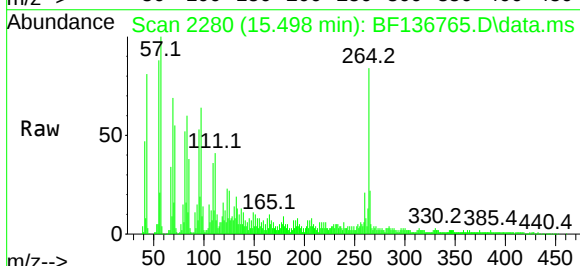
Tgt Ion:264 Resp: 121257

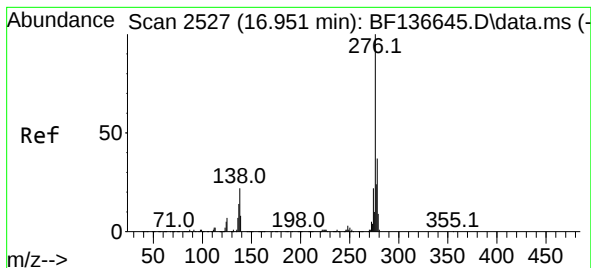
Ion Ratio Lower Upper

264 100

260 24.5 18.3 27.5

265 26.0 17.0 25.6#





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.874 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

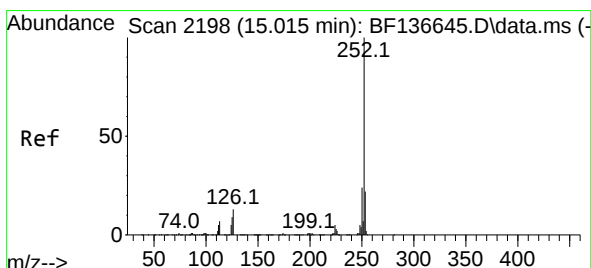
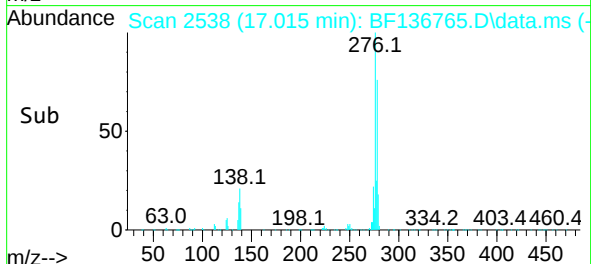
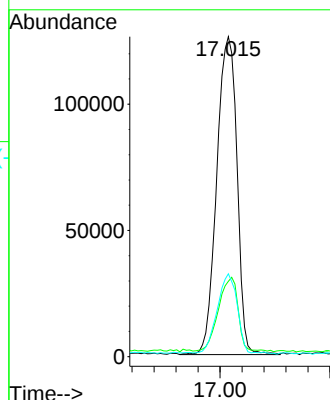
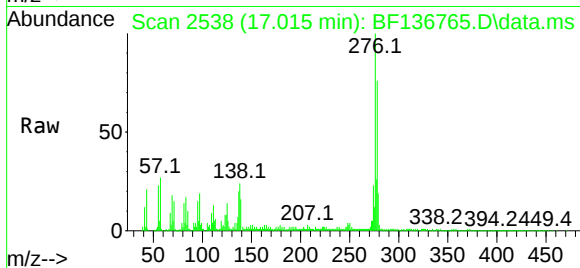
ClientSampleId :

RT-SB-04-13-14MS

Tgt Ion:276 Resp: 32282
 Ion Ratio Lower Upper
 276 100
 138 23.0 18.7 28.1
 277 25.4 20.2 30.2

Manual Integrations
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Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023



#88

Benzo(b)fluoranthene

Concen: 42.856 ng

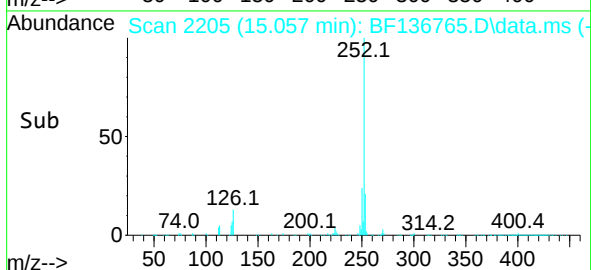
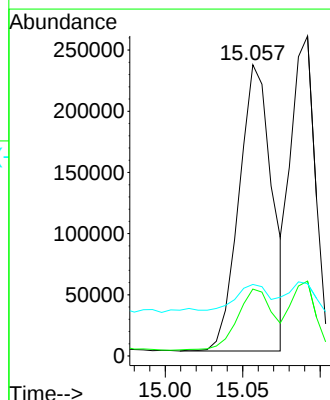
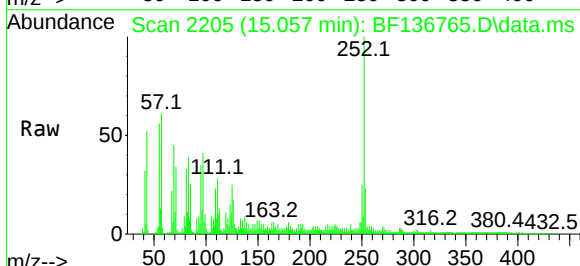
RT: 15.057 min Scan# 2205

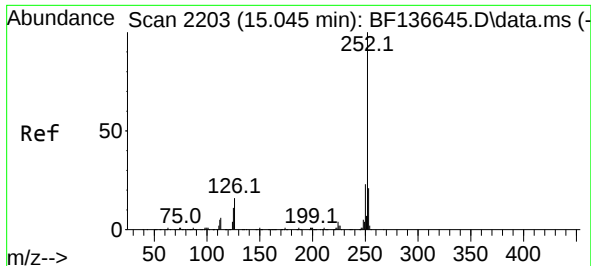
Delta R.T. 0.041 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Tgt Ion:252 Resp: 347085
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.4 26.0
 125 24.6 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 36.943 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNF

ClientSampleId :

RT-SB-04-13-14MS

Tgt Ion:252 Resp: 28271

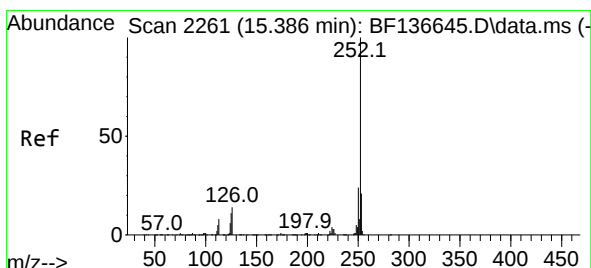
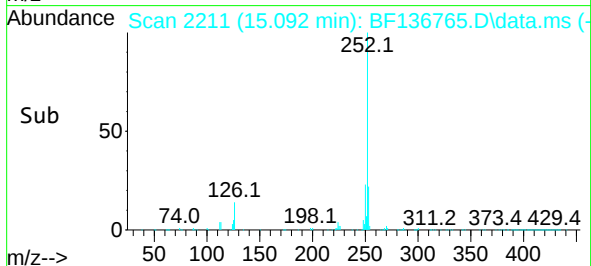
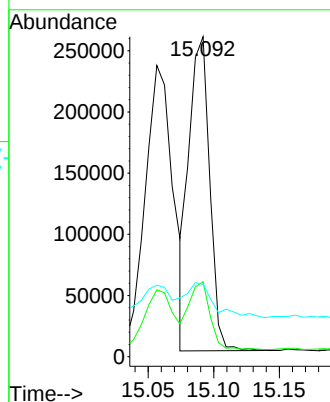
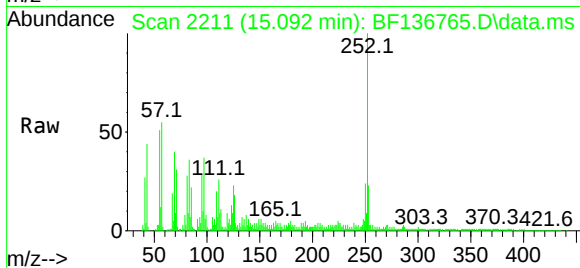
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	22.6	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#90

Benzo(a)pyrene

Concen: 42.266 ng

RT: 15.439 min Scan# 2270

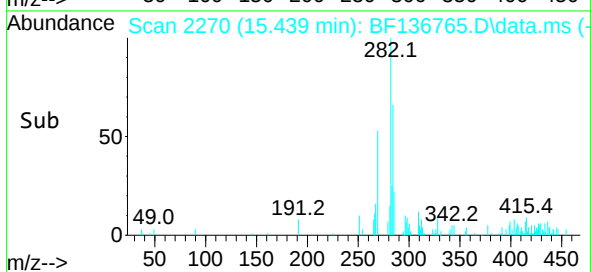
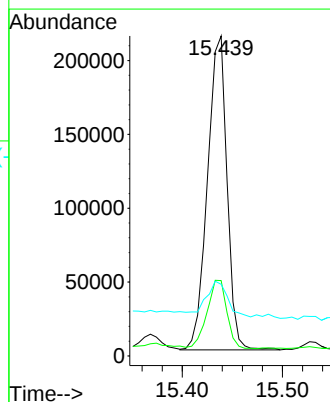
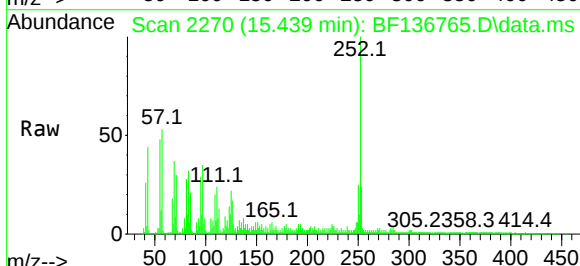
Delta R.T. 0.053 min

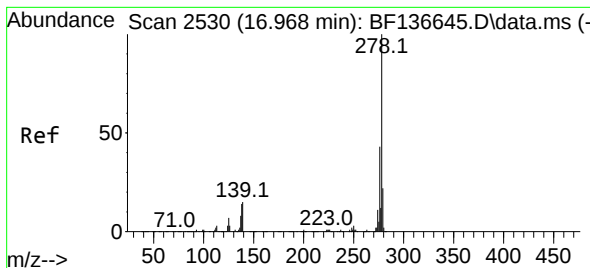
Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Tgt Ion:252 Resp: 288946

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	22.4	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 37.157 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MS

Tgt Ion:278 Resp: 26688

Ion Ratio Lower Upper

278 100

139 17.2 12.2 18.4

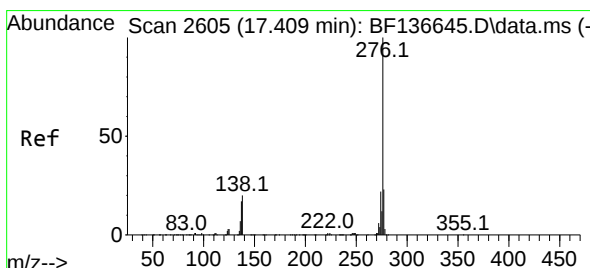
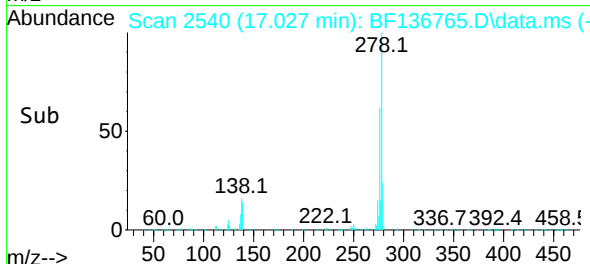
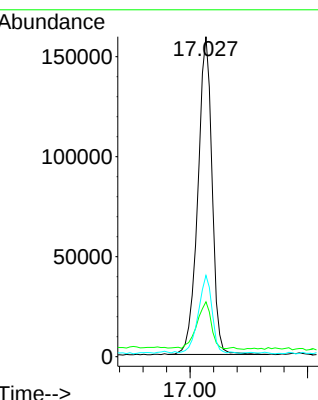
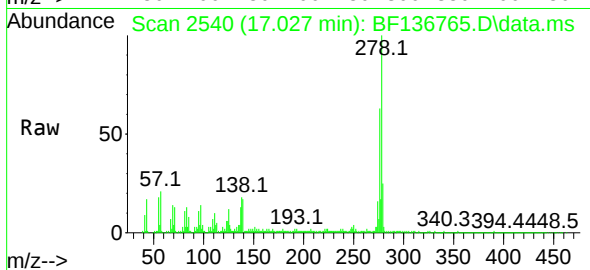
279 25.4 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#92

Benzo(g,h,i)perylene

Concen: 32.703 ng

RT: 17.468 min Scan# 2615

Delta R.T. 0.059 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Tgt Ion:276 Resp: 240577

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 19.2 15.6 23.4

