

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136506.D
 Acq On : 11 Dec 2023 23:32
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 00:11:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	109025	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	389106	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	173189	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	296419	20.000	ng	0.00
76) Chrysene-d12	13.980	240	229045	20.000	ng	0.00
86) Perylene-d12	15.457	264	202962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	564797	76.506	ng	0.00
7) Phenol-d6	6.445	99	670981	72.848	ng	0.00
23) Nitrobenzene-d5	7.363	82	582688	80.956	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	148340	69.466	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1081127	85.179	ng	-0.01
79) Terphenyl-d14	12.921	244	1113868	64.098	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	116473	39.889	ng	99
3) Pyridine	3.322	79	312385	44.177	ng	96
4) n-Nitrosodimethylamine	3.293	42	121068	39.408	ng	98
6) Aniline	6.469	93	409562	43.999	ng	97
8) 2-Chlorophenol	6.587	128	303577	37.668	ng	99
9) Benzaldehyde	6.351	77	191252	41.422	ng	98
10) Phenol	6.457	94	359566	36.687	ng	90
11) bis(2-Chloroethyl)ether	6.539	93	273938	37.497	ng	97
12) 1,3-Dichlorobenzene	6.739	146	314244	34.671	ng	96
13) 1,4-Dichlorobenzene	6.816	146	319513	34.752	ng	100
14) 1,2-Dichlorobenzene	6.969	146	295749	34.207	ng	99
15) Benzyl Alcohol	6.939	79	232385	37.677	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	322487	34.322	ng	98
17) 2-Methylphenol	7.057	107	249785	38.363	ng	96
18) Hexachloroethane	7.304	117	97271	30.303	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	186935	35.183	ng	98
20) 3+4-Methylphenols	7.210	107	298779	36.969	ng	97
22) Acetophenone	7.210	105	387950	40.376	ng	# 97
24) Nitrobenzene	7.381	77	281031	38.813	ng	96
25) Isophorone	7.616	82	497414	38.466	ng	100
26) 2-Nitrophenol	7.692	139	116680	32.779	ng	95
27) 2,4-Dimethylphenol	7.734	122	226581	51.622	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	316196	39.793	ng	99
29) 2,4-Dichlorophenol	7.934	162	221058	38.156	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	251019	37.157	ng	98
31) Naphthalene	8.098	128	803230	37.433	ng	99
32) Benzoic acid	7.833	122	102603m	23.564	ng	
33) 4-Chloroaniline	8.151	127	331114	43.284	ng	98
34) Hexachlorobutadiene	8.210	225	147835	36.925	ng	98
35) Caprolactam	8.516	113	64334	36.059	ng	92
36) 4-Chloro-3-methylphenol	8.633	107	218553	35.529	ng	98
37) 2-Methylnaphthalene	8.786	142	516142	37.809	ng	94
38) 1-Methylnaphthalene	8.886	142	470903	35.154	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	230073	42.700	ng	99
41) Hexachlorocyclopentadiene	8.939	237	20338	10.189	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	134499	38.337	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	156783	40.040	ng	96
46) 1,1'-Biphenyl	9.251	154	611253	41.479	ng	98
47) 2-Chloronaphthalene	9.280	162	436328	38.041	ng	98
48) 2-Nitroaniline	9.375	65	132011	42.913	ng	95
49) Acenaphthylene	9.692	152	656093	40.155	ng	99
50) Dimethylphthalate	9.557	163	536147	42.048	ng	99
51) 2,6-Dinitrotoluene	9.622	165	108247	37.735	ng	90
52) Acenaphthene	9.869	154	402763	38.467	ng	95
53) 3-Nitroaniline	9.792	138	131956	45.047	ng	97
55) Dibenzofuran	10.039	168	599015	39.162	ng	98
56) 4-Nitrophenol	9.957	139	75464	34.365	ng	90
57) 2,4-Dinitrotoluene	10.022	165	129904	34.232	ng	98
58) Fluorene	10.380	166	461238	37.565	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	108138	34.477	ng	100
60) Diethylphthalate	10.257	149	493255	39.340	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	229236	38.298	ng	96
62) 4-Nitroaniline	10.404	138	127009	43.666	ng	95
63) Azobenzene	10.533	77	417690	36.600	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	6965	3.794	ng	91
66) n-Nitrosodiphenylamine	10.492	169	407555	42.849	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	138117	40.076	ng	98
68) Hexachlorobenzene	10.927	284	144298	36.227	ng	99
69) Atrazine	11.027	200	103663	38.185	ng	98
70) Pentachlorophenol	11.127	266	73266	32.591	ng	98
71) Phenanthrene	11.345	178	644055	39.531	ng	99
72) Anthracene	11.398	178	666267	40.601	ng	98
73) Carbazole	11.557	167	576987	39.726	ng	99
74) Di-n-butylphthalate	11.892	149	715527	40.186	ng	99
75) Fluoranthene	12.539	202	684192	40.073	ng	98
77) Benzidine	12.668	184	163182	34.445	ng	99
78) Pyrene	12.768	202	702665	31.325	ng	99
80) Butylbenzylphthalate	13.398	149	295915	37.057	ng	95
81) Benzo(a)anthracene	13.968	228	621510	38.955	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	231076	51.657	ng	99
83) Chrysene	14.004	228	620004	39.498	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	404861	41.358	ng	100
85) Di-n-octyl phthalate	14.580	149	711020	49.173	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	458884	32.544	ng	99
88) Benzo(b)fluoranthene	15.021	252	541916	39.051	ng	99
89) Benzo(k)fluoranthene	15.051	252	493950	37.770	ng	100
90) Benzo(a)pyrene	15.392	252	471852	41.173	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	386165	33.430	ng	99
92) Benzo(g,h,i)perylene	17.415	276	361266	30.470	ng	98

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

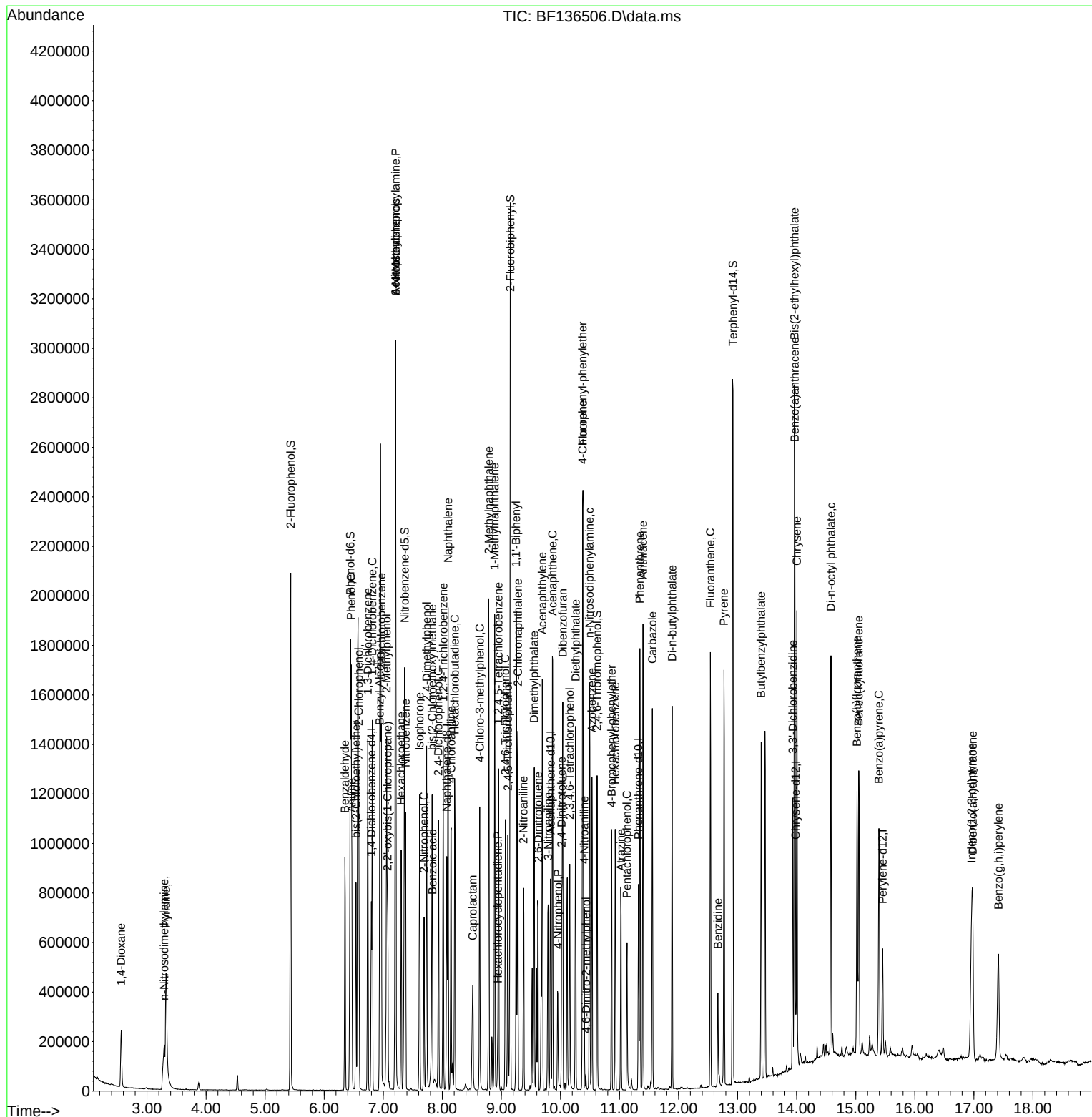
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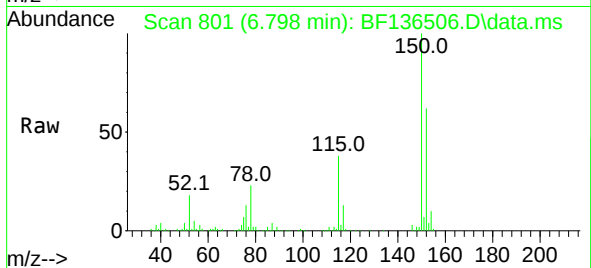
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :

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SSTDCCC040EC



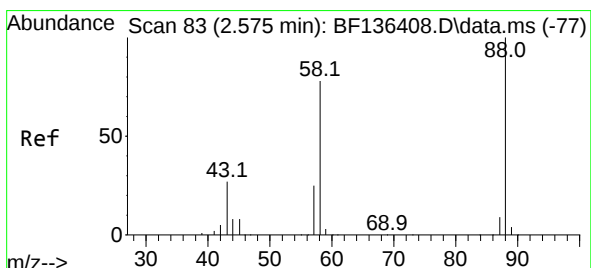
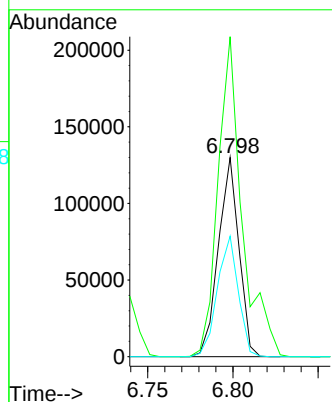
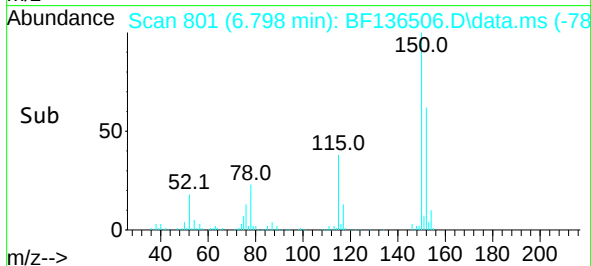
Tgt Ion:152 Resp: 109025
Ion Ratio Lower Upper
152 100
150 160.6 126.4 189.6
115 60.4 48.2 72.4

Manual Integrations

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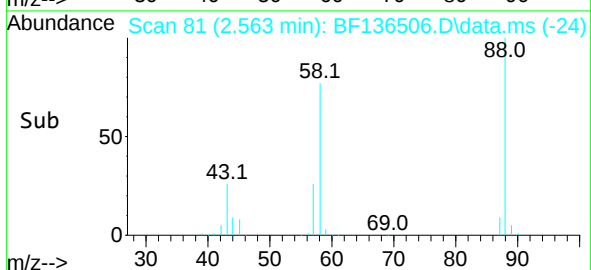
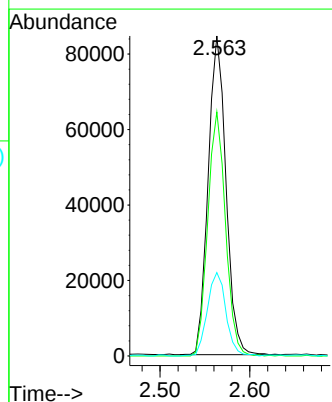
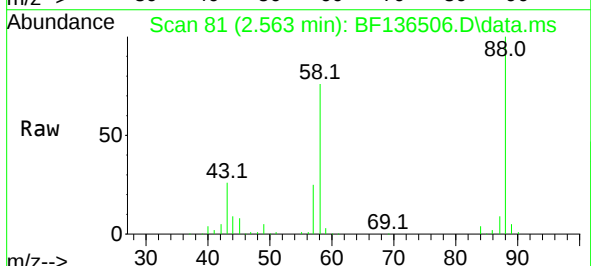
Reviewed By :Yogesh Patel 12/14/2023

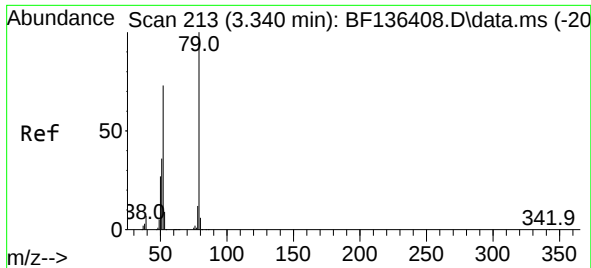
Supervised By :mohammad ahmed 12/14/2023



#2
1,4-Dioxane
Concen: 39.889 ng
RT: 2.563 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

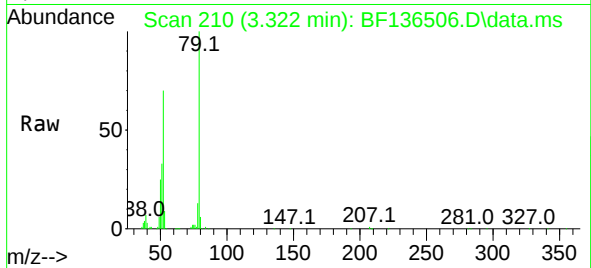
Tgt Ion: 88 Resp: 116473
Ion Ratio Lower Upper
88 100
58 76.3 62.2 93.2
43 27.5 21.5 32.3





#3
Pyridine
Concen: 44.177 ng
RT: 3.322 min Scan# 213
Delta R.T. -0.018 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

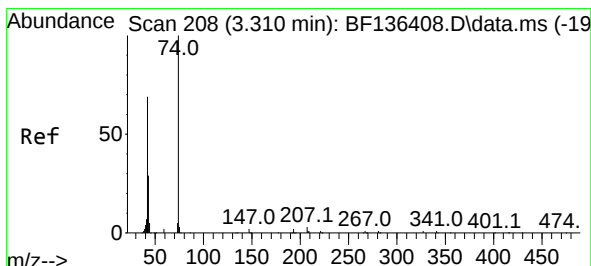
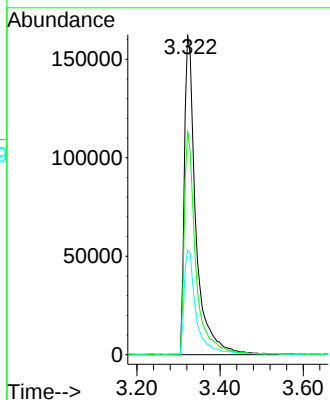
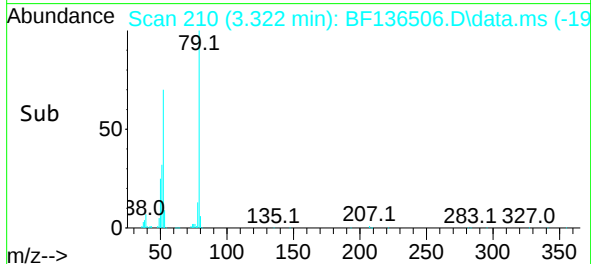
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



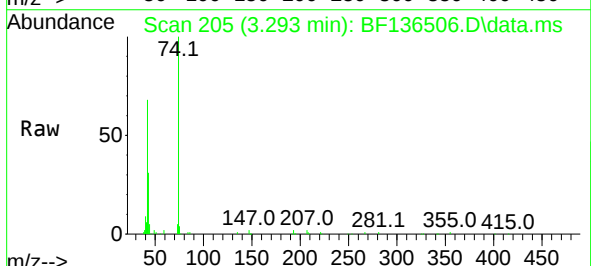
Tgt Ion: 79 Resp: 31238
Ion Ratio Lower Upper
79 100
52 70.0 58.2 87.2
51 32.6 29.1 43.7

Manual Integrations
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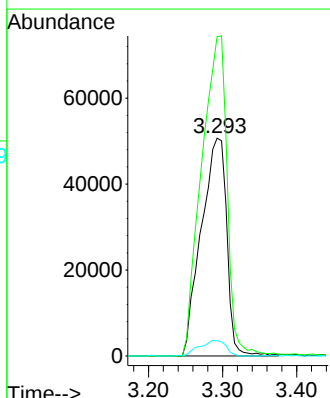
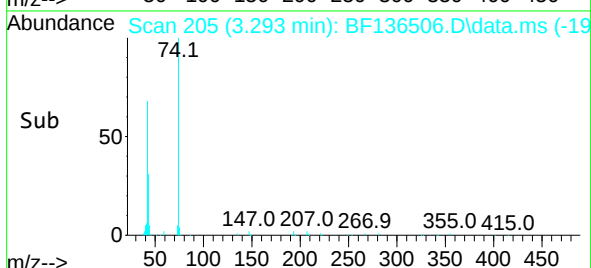
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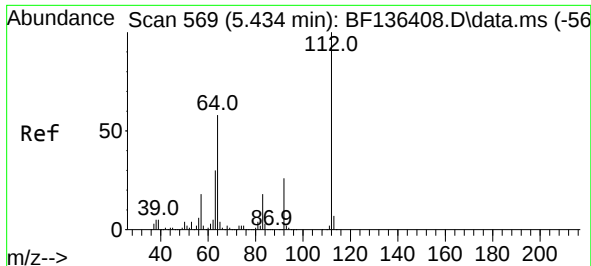


#4
n-Nitrosodimethylamine
Concen: 39.408 ng
RT: 3.293 min Scan# 205
Delta R.T. -0.018 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32



Tgt Ion: 42 Resp: 121068
Ion Ratio Lower Upper
42 100
74 146.6 115.4 173.0
44 7.0 6.2 9.2





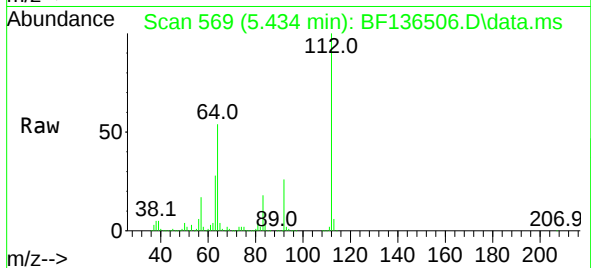
#5
2-Fluorophenol
Concen: 76.506 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



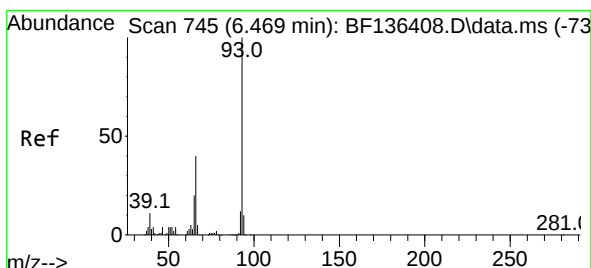
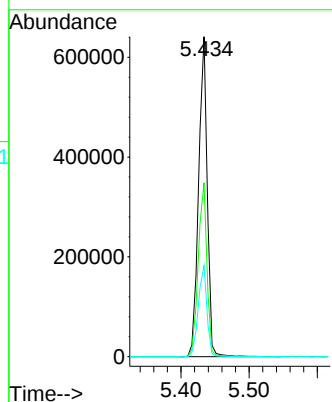
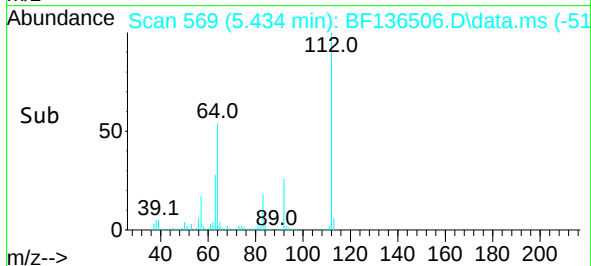
Tgt Ion:112 Resp: 56479
Ion Ratio Lower Upper
112 100
64 54.4 46.5 69.7
63 28.5 23.9 35.9

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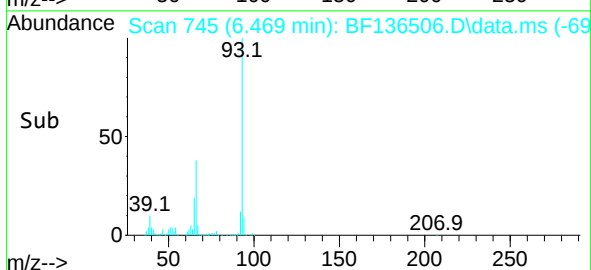
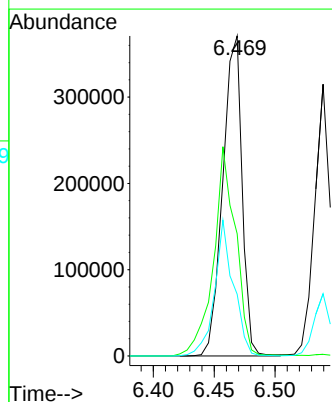
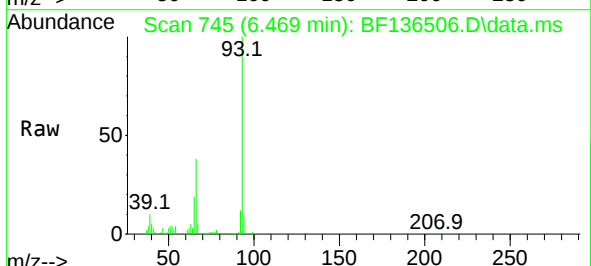
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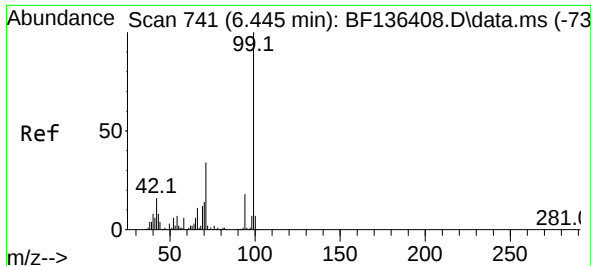
Supervised By :mohammad ahmed 12/14/2023



#6
Aniline
Concen: 43.999 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

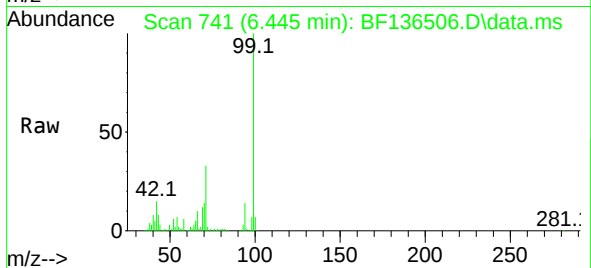
Tgt Ion: 93 Resp: 409562
Ion Ratio Lower Upper
93 100
66 38.2 32.5 48.7
65 19.3 16.4 24.6





#7
Phenol-d6
Concen: 72.848 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

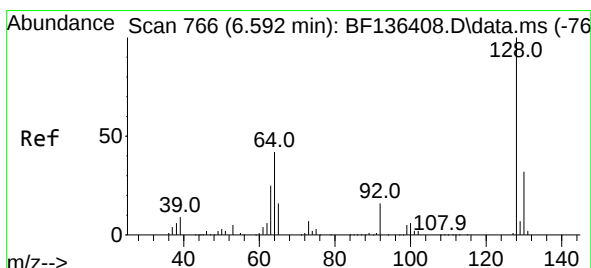
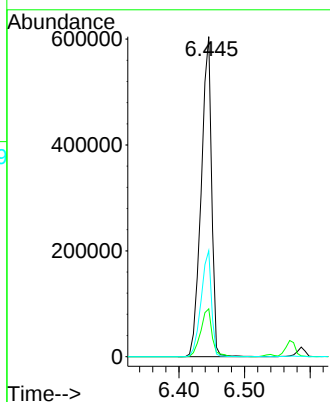
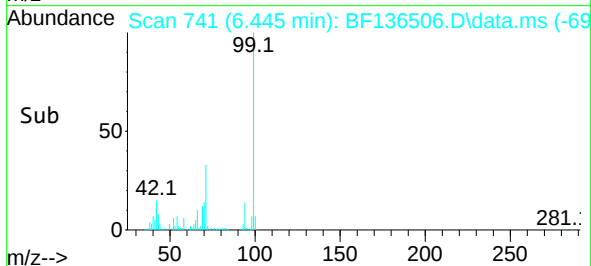
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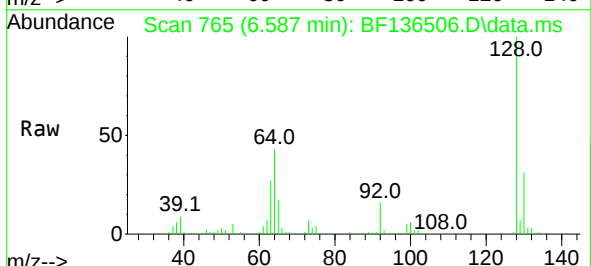
Tgt Ion: 99 Resp: 67098
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 33.1 27.0 40.4

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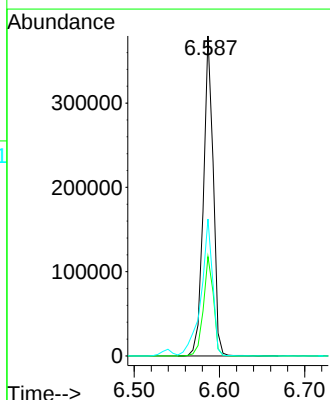
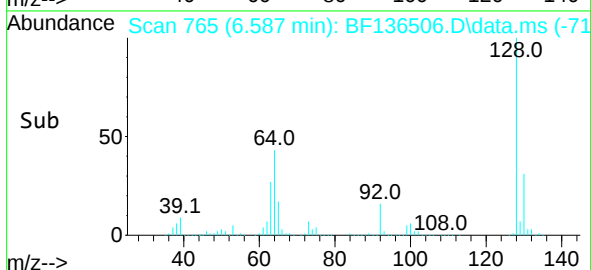
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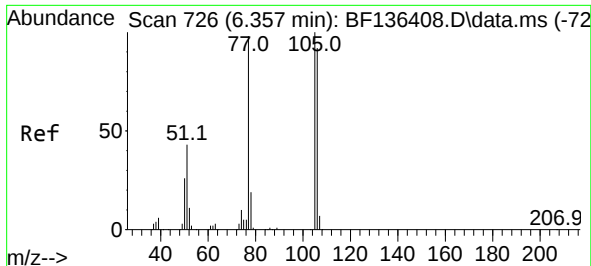


#8
2-Chlorophenol
Concen: 37.668 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32



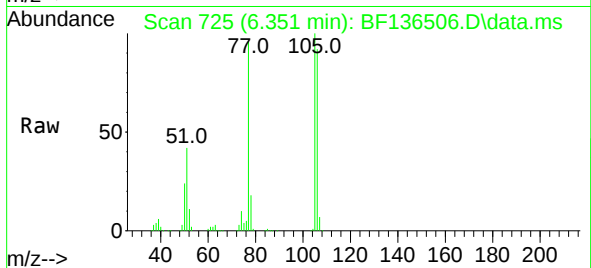
Tgt Ion:128 Resp: 303577
Ion Ratio Lower Upper
128 100
130 31.1 11.7 51.7
64 42.8 22.5 62.5





#9
Benzaldehyde
Concen: 41.422 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

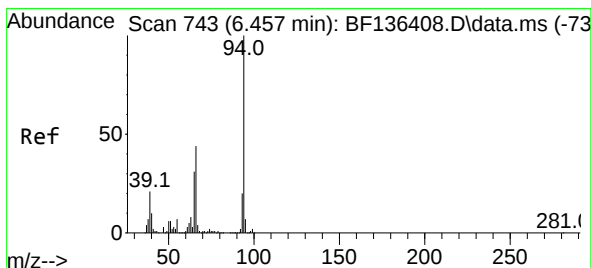
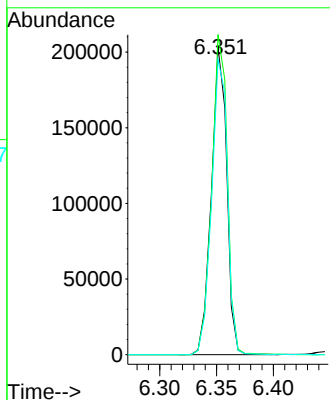
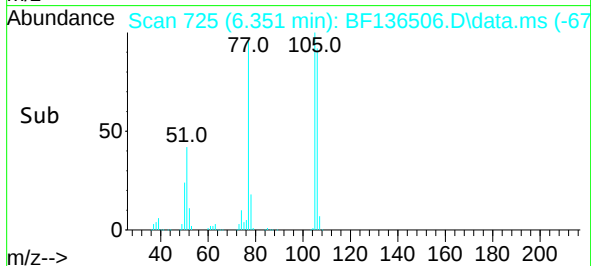
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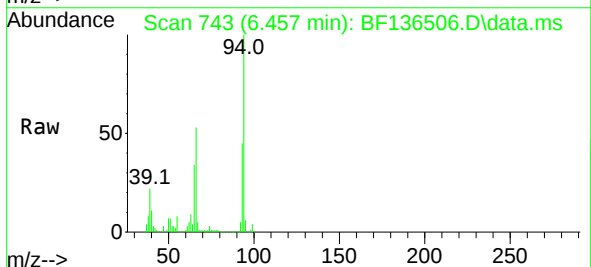
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Ion Ratio Lower Upper
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105 104.0 82.5 122.5
106 96.0 74.5 114.5

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APPROVED

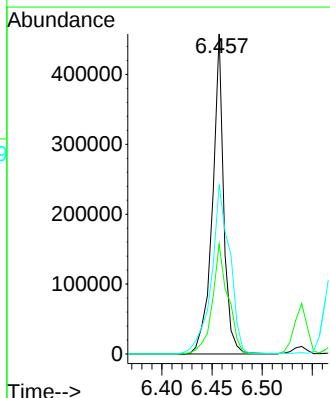
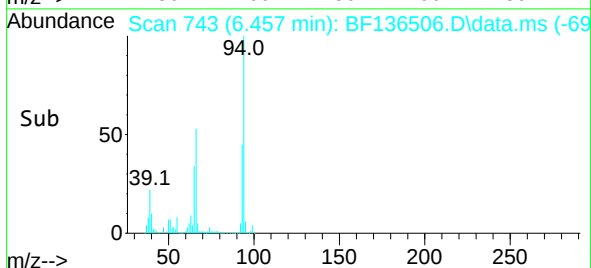
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#10
Phenol
Concen: 36.687 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32



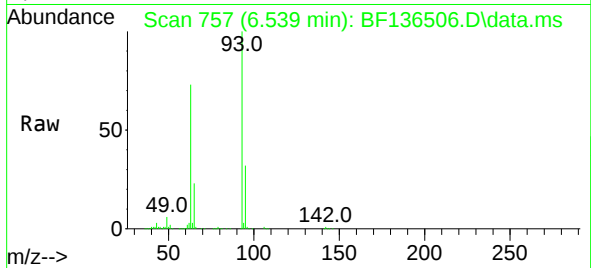
Tgt Ion: 94 Resp: 359566
Ion Ratio Lower Upper
94 100
65 34.4 11.2 51.2
66 53.0 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 37.497 ng
RT: 6.539 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

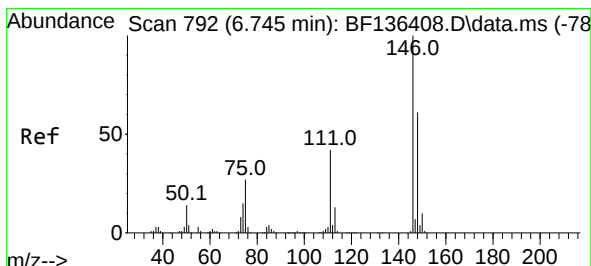
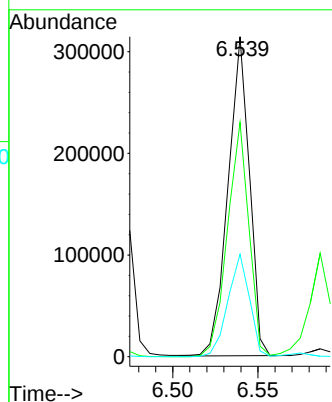
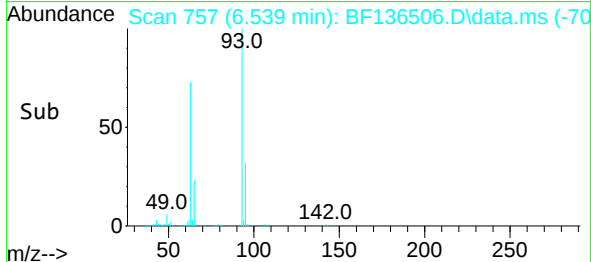
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 93 Resp: 273938
Ion Ratio Lower Upper
93 100
63 73.2 56.8 96.8
95 32.0 11.8 51.8

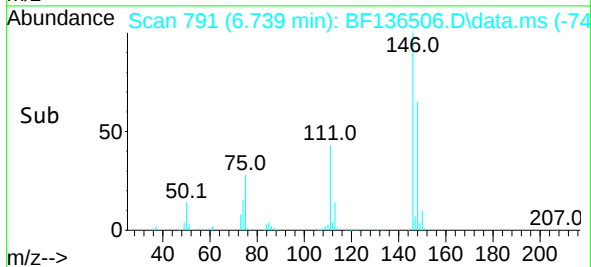
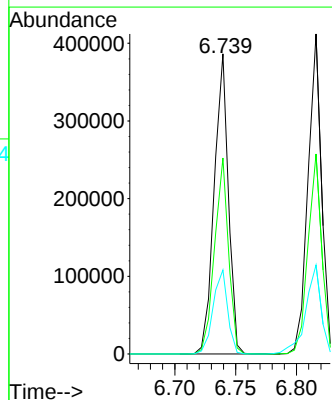
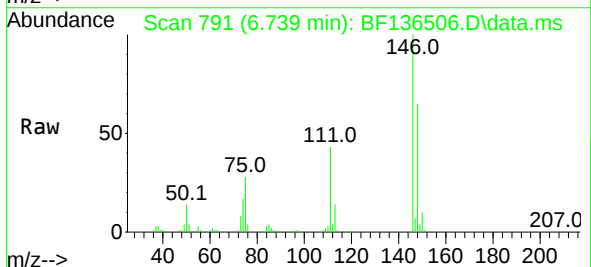
Manual Integrations
APPROVED

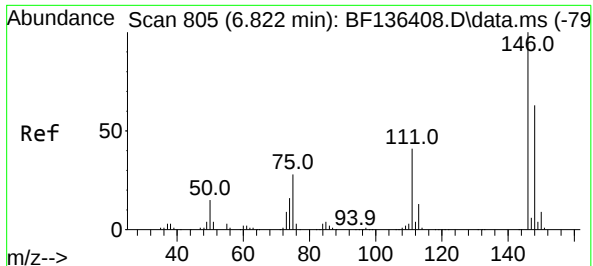
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#12
1,3-Dichlorobenzene
Concen: 34.671 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:146 Resp: 314244
Ion Ratio Lower Upper
146 100
148 65.3 49.0 73.6
75 28.0 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 34.752 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 31951

Ion Ratio Lower Upper

146 100

148 62.5 50.3 75.5

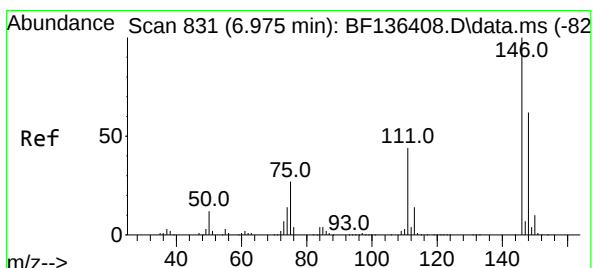
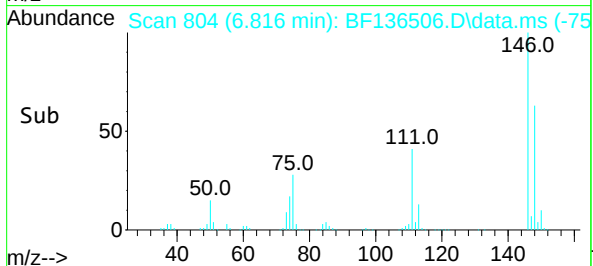
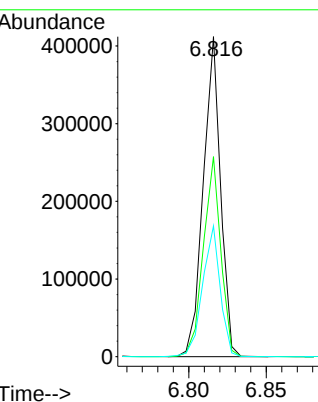
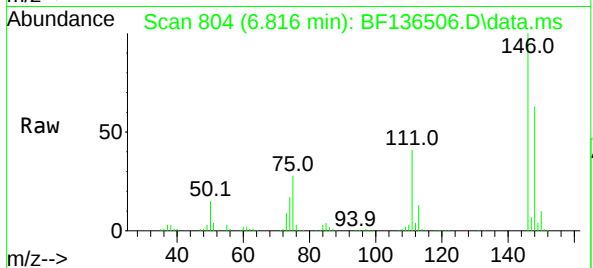
111 40.8 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#14

1,2-Dichlorobenzene

Concen: 34.207 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

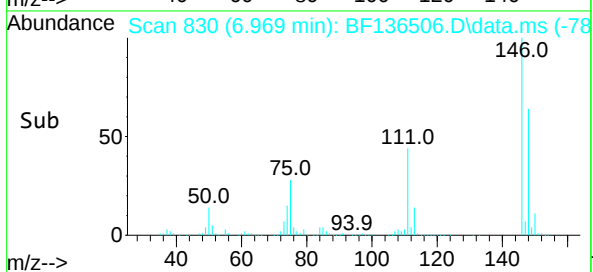
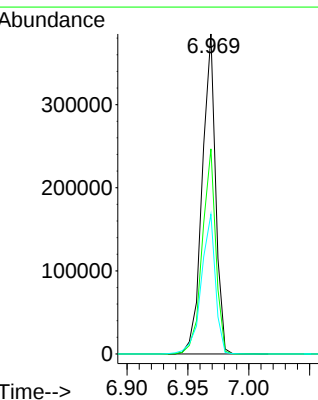
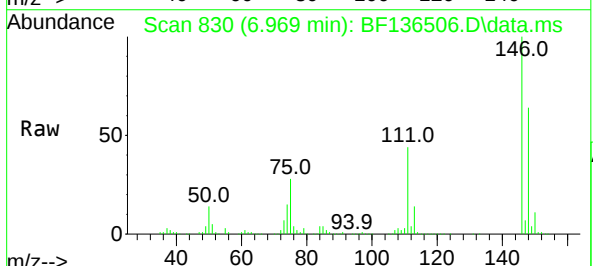
Tgt Ion:146 Resp: 295749

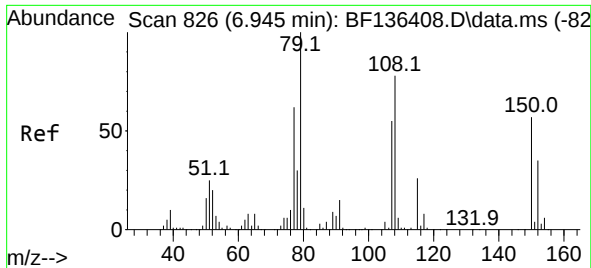
Ion Ratio Lower Upper

146 100

148 64.1 49.8 74.6

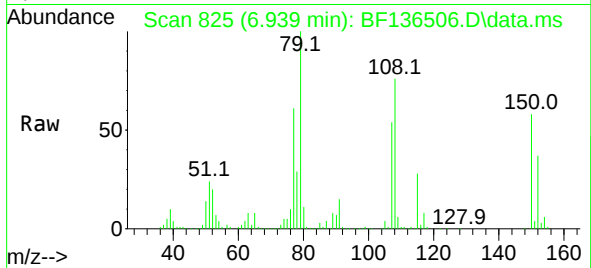
111 43.6 34.9 52.3





#15
Benzyl Alcohol
Concen: 37.677 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

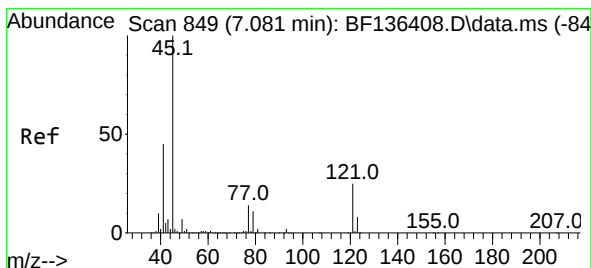
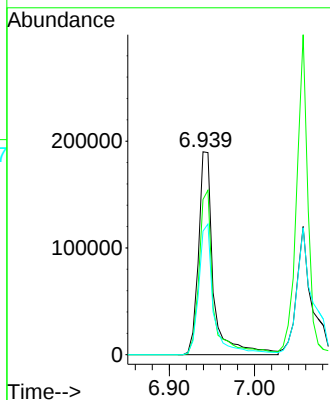
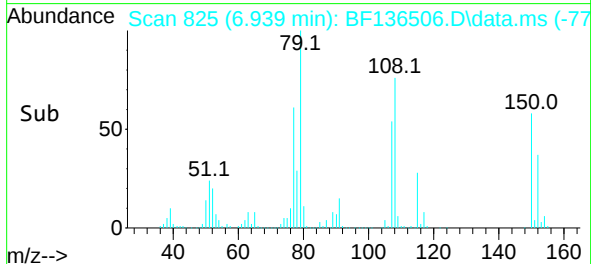
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



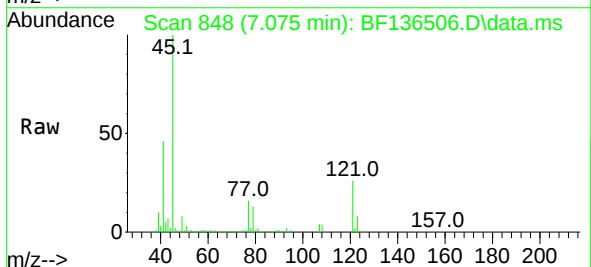
Tgt Ion: 79 Resp: 23238
Ion Ratio Lower Upper
79 100
108 76.5 62.3 93.5
77 60.9 49.8 74.8

Manual Integrations
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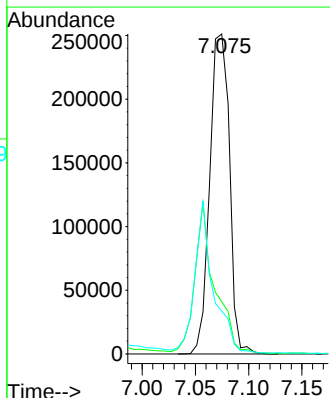
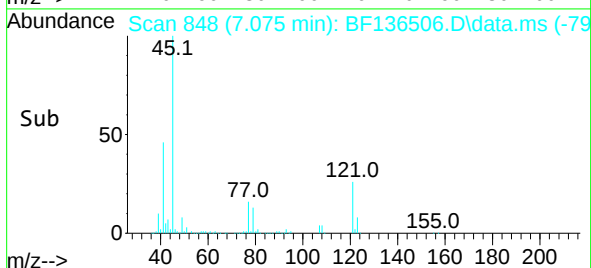
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.322 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32



Tgt Ion: 45 Resp: 322487
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.3
79 13.4 0.0 32.5





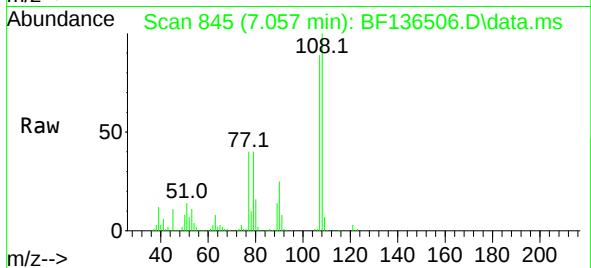
#17
2-Methylphenol
Concen: 38.363 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



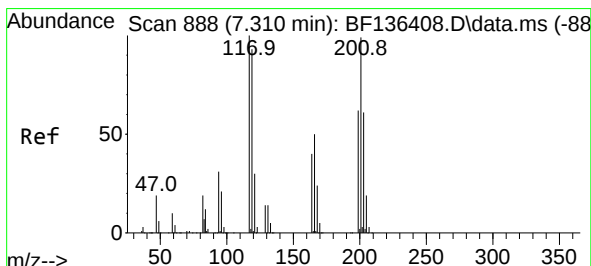
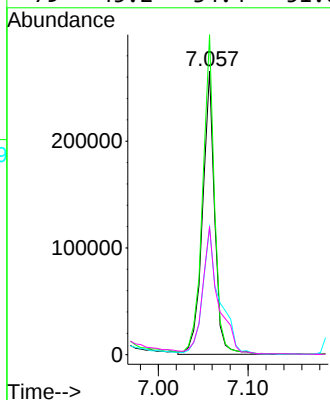
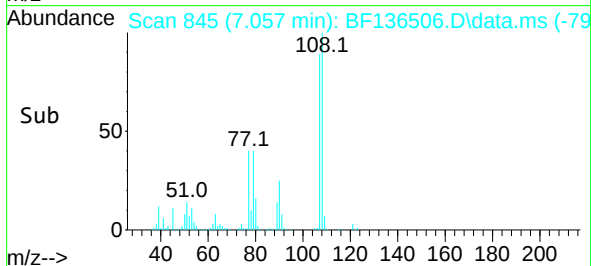
Tgt Ion:107 Resp: 249785
Ion Ratio Lower Upper
107 100
108 112.8 86.5 129.7
77 44.8 33.8 50.8
79 45.2 34.4 51.6

Manual Integrations

APPROVED

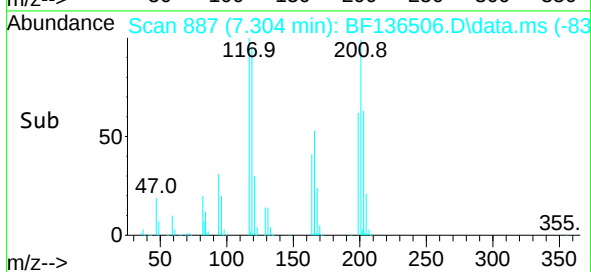
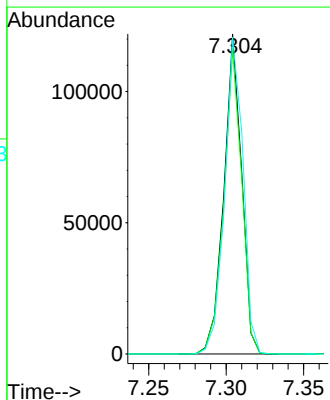
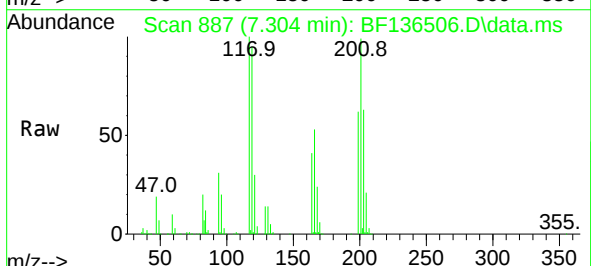
Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#18
Hexachloroethane
Concen: 30.303 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:117 Resp: 97271
Ion Ratio Lower Upper
117 100
119 95.4 74.3 111.5
201 98.9 79.3 118.9





#19

n-Nitroso-di-n-propylamine

Concen: 35.183 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.012 min

Lab File: BF136506.D

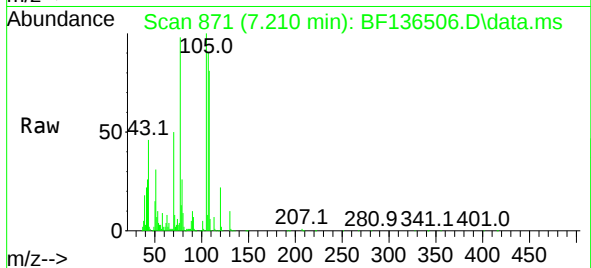
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 70 Resp: 18693

Ion Ratio Lower Upper

70 100

42 52.3 41.4 62.0

101 10.5 8.2 12.4

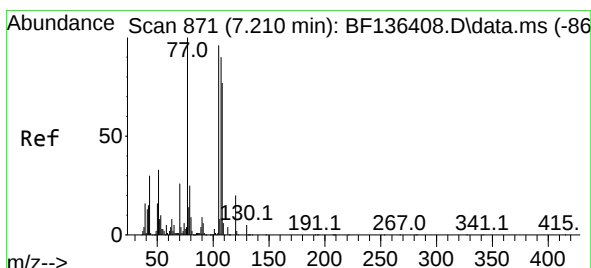
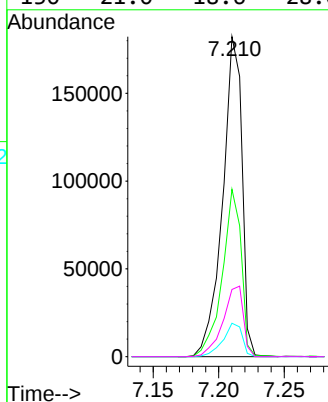
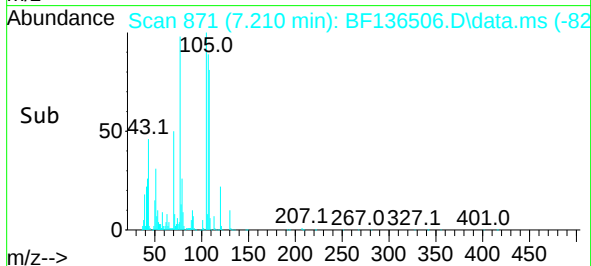
130 21.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#20

3+4-Methylphenols

Concen: 36.969 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Tgt Ion:107 Resp: 298779

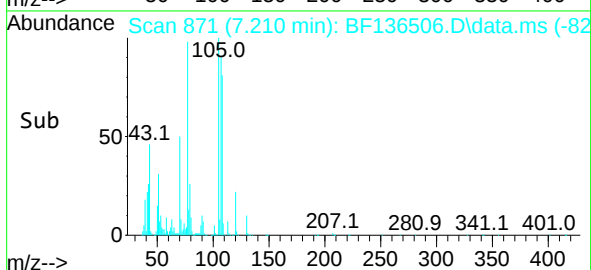
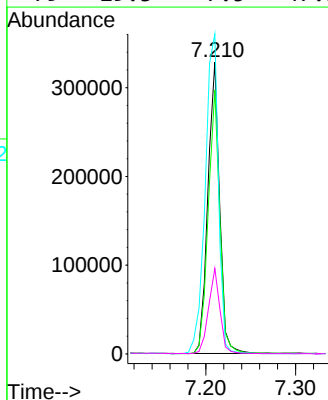
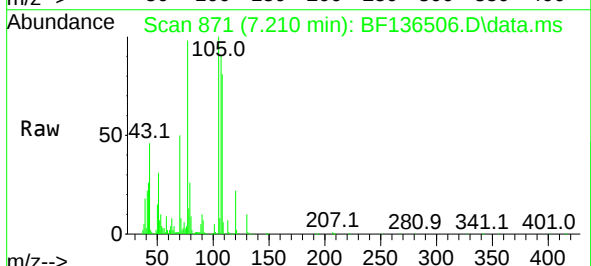
Ion Ratio Lower Upper

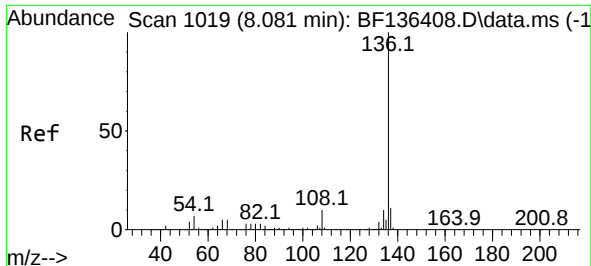
107 100

108 90.5 65.9 105.9

77 109.7 91.7 131.7

79 29.3 7.5 47.5





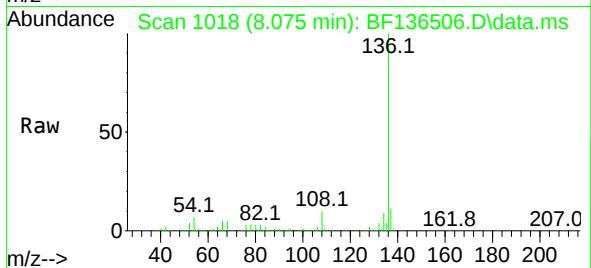
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

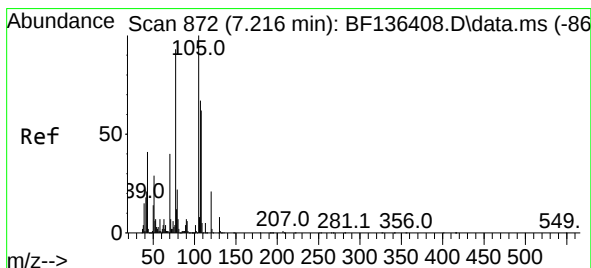
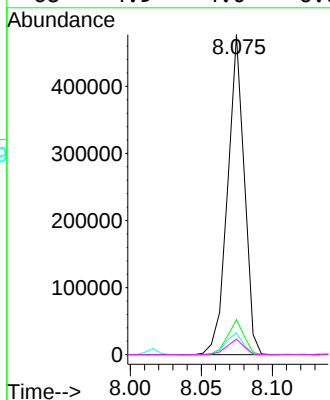
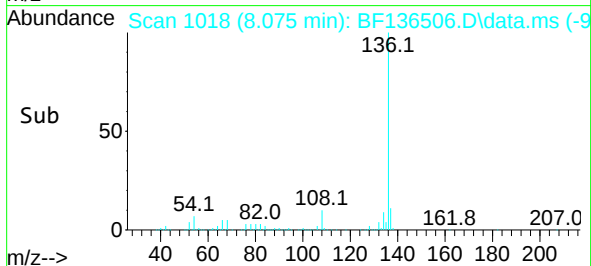


Tgt Ion:136 Resp: 389100
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.8 5.7 8.5
68 4.9 4.0 6.0

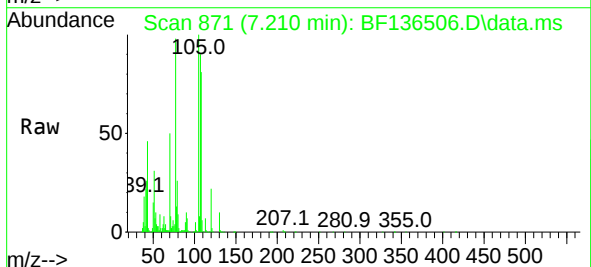
Manual Integrations

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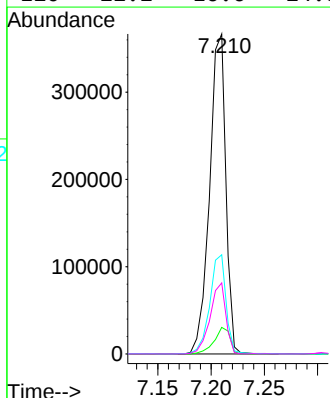
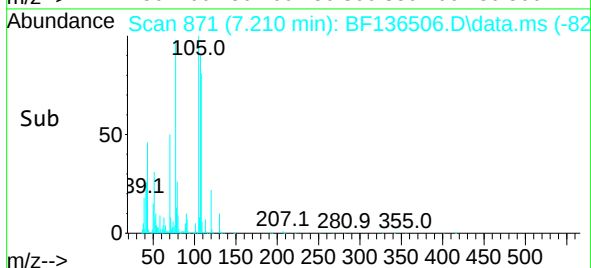
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

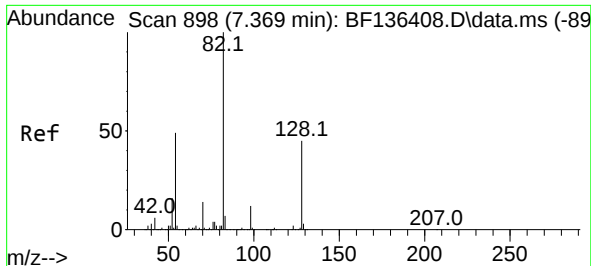


#22
Acetophenone
Concen: 40.376 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32



Tgt Ion:105 Resp: 387950
Ion Ratio Lower Upper
105 100
71 8.3 5.4 8.0#
51 31.0 23.4 35.2
120 22.2 16.6 24.8





#23

Nitrobenzene-d5

Concen: 80.956 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 58268

Ion Ratio Lower Upper

82 100

128 47.3 36.3 54.5

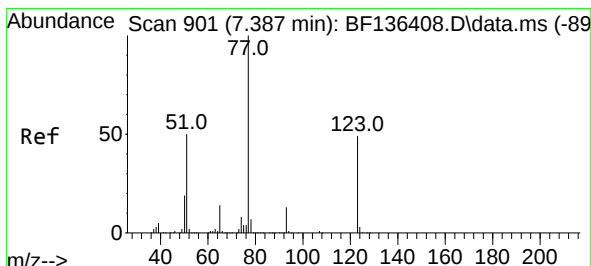
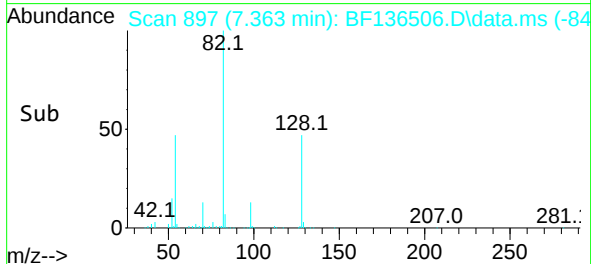
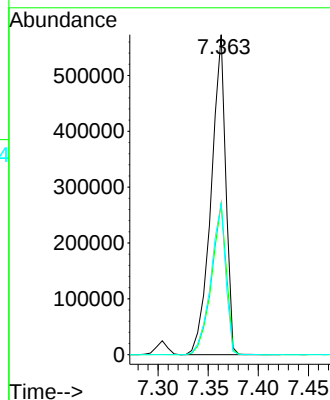
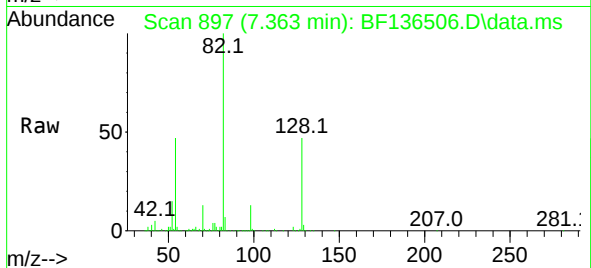
54 47.3 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#24

Nitrobenzene

Concen: 38.813 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

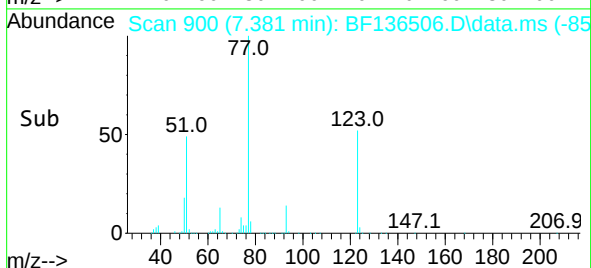
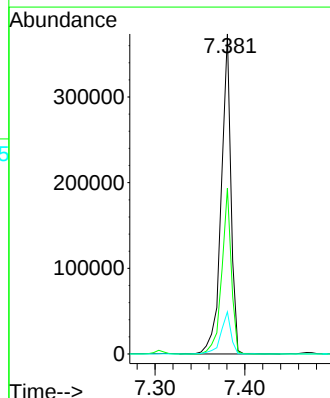
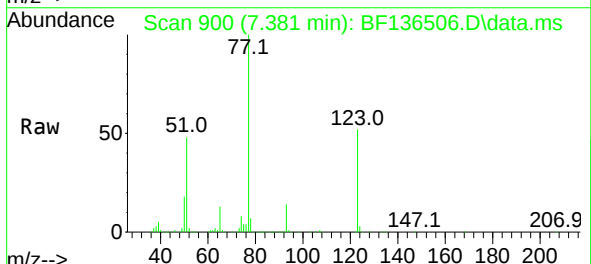
Tgt Ion: 77 Resp: 281031

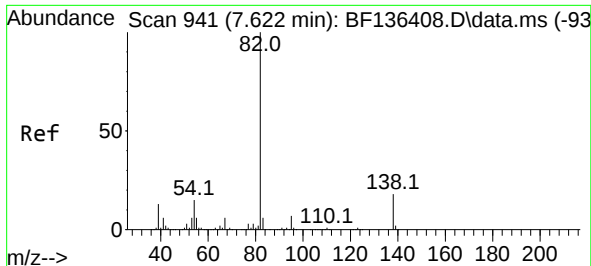
Ion Ratio Lower Upper

77 100

123 51.8 39.0 58.6

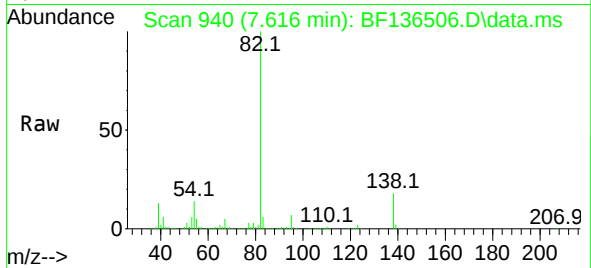
65 13.1 11.3 16.9





#25
Isophorone
Concen: 38.466 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

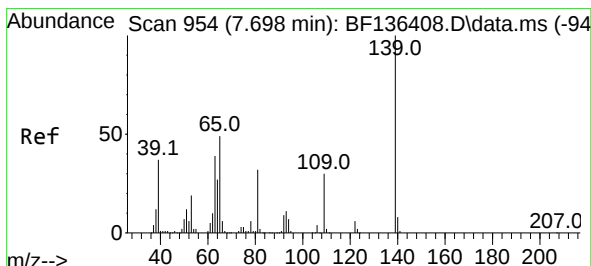
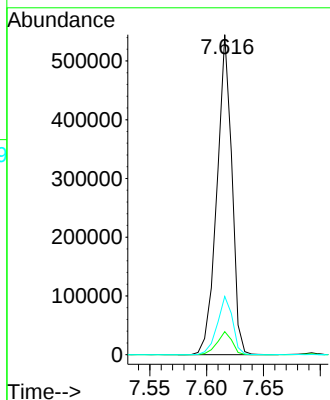
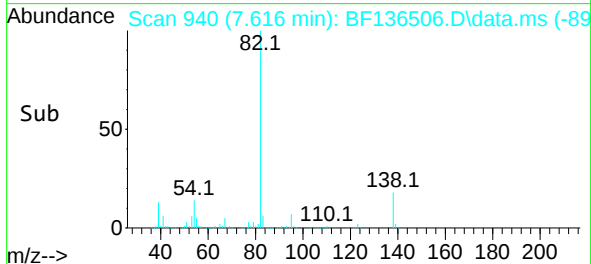
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



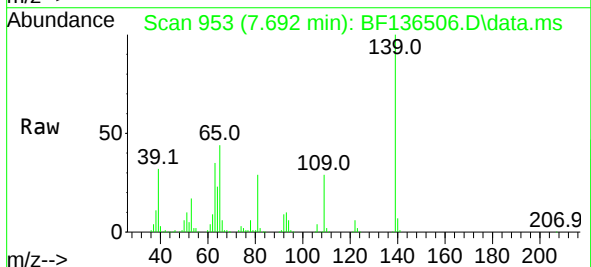
Tgt Ion: 82 Resp: 497414
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.2 14.5 21.7

Manual Integrations
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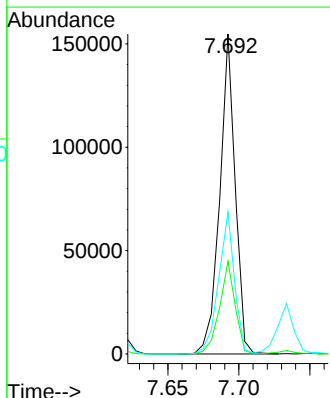
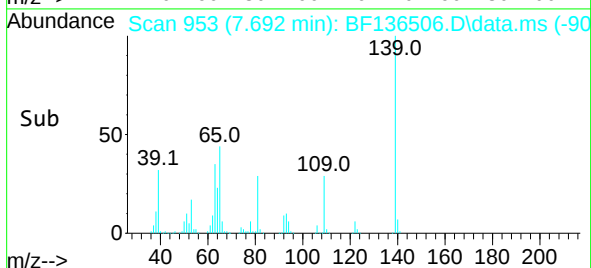
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

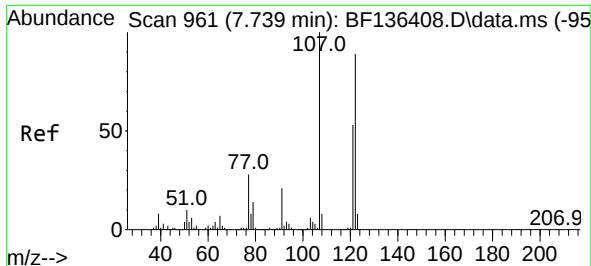


#26
2-Nitrophenol
Concen: 32.779 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32



Tgt Ion:139 Resp: 116680
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 44.4 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 51.622 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136506.D

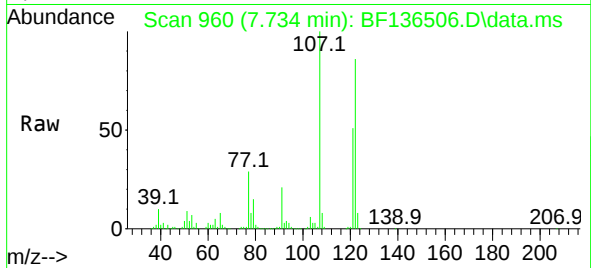
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



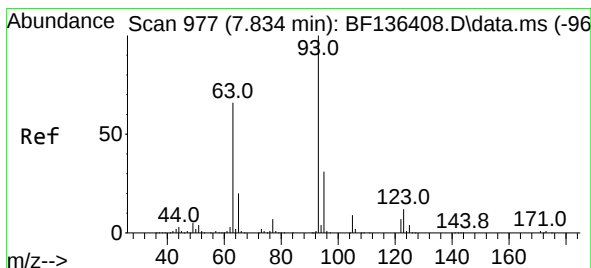
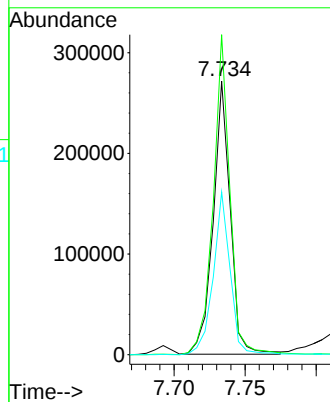
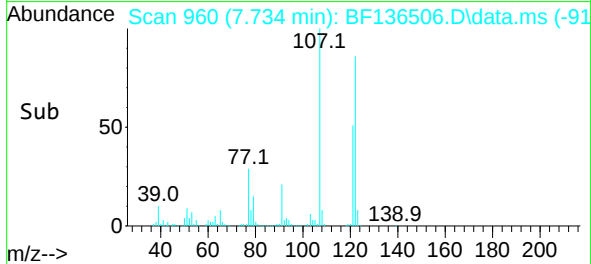
Tgt Ion:	122	Resp:	22658
Ion Ratio	Lower	Upper	
122	100		
107	117.0	89.3	133.9
121	59.5	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.793 ng

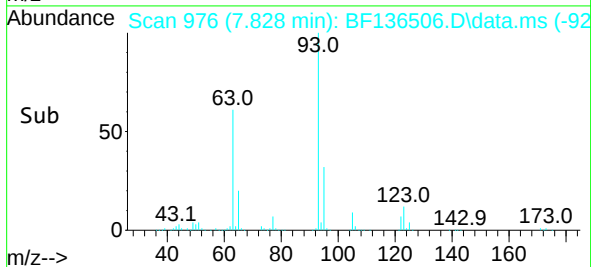
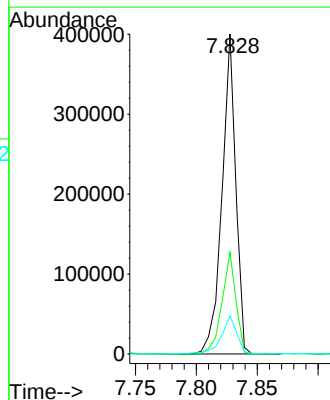
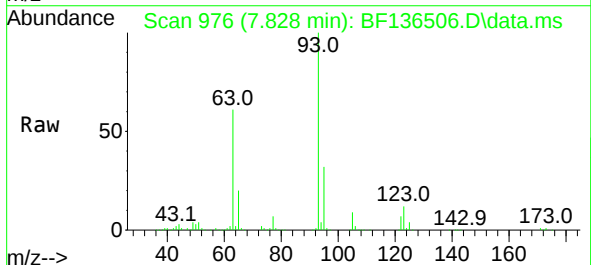
RT: 7.828 min Scan# 976

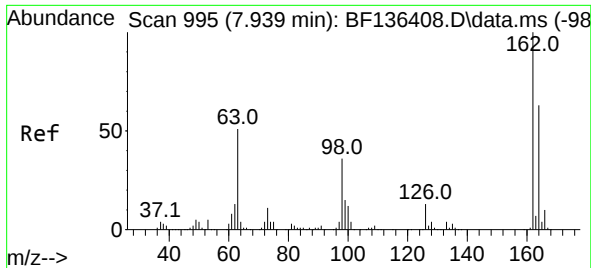
Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Tgt Ion:	93	Resp:	316196
Ion Ratio	Lower	Upper	
93	100		
95	31.8	25.0	37.4
123	11.9	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 38.156 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136506.D

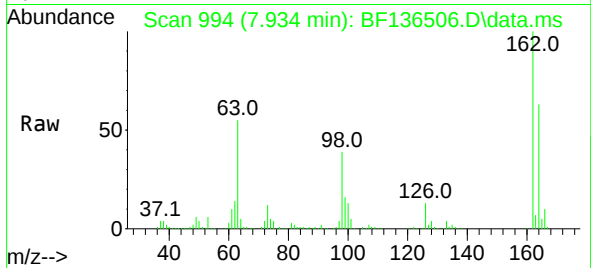
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



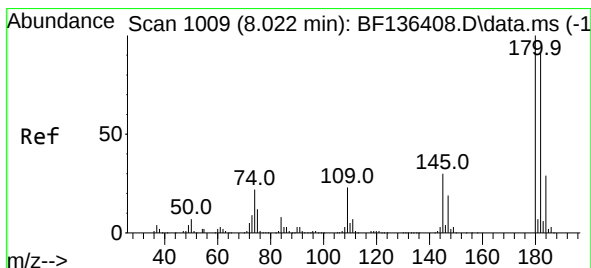
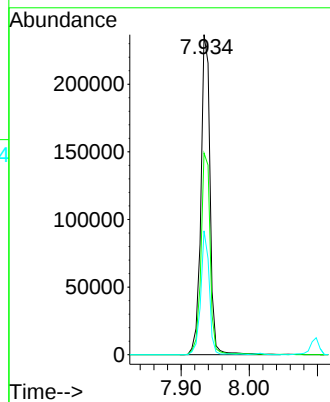
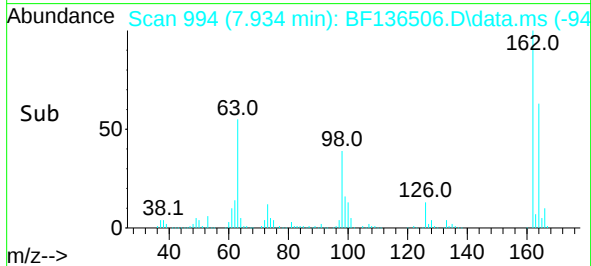
Tgt Ion:162	Resp:	221058
Ion Ratio	Lower	Upper
162	100	
164	63.0	43.0 83.0
98	38.7	16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#30

1,2,4-Trichlorobenzene

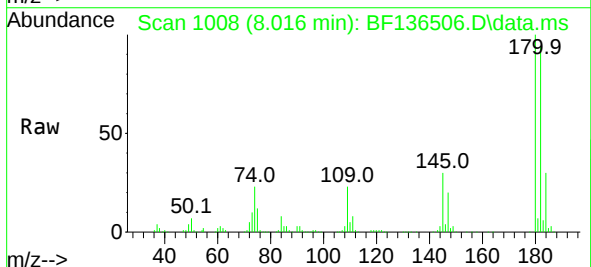
Concen: 37.157 ng

RT: 8.016 min Scan# 1008

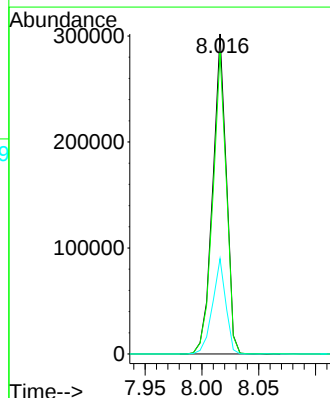
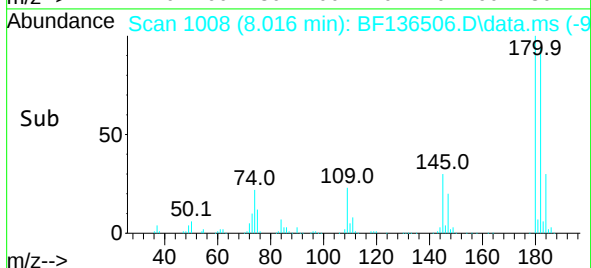
Delta R.T. -0.006 min

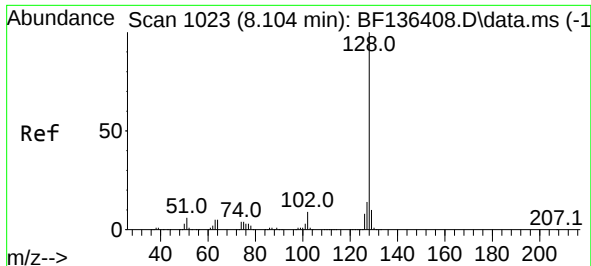
Lab File: BF136506.D

Acq: 11 Dec 2023 23:32



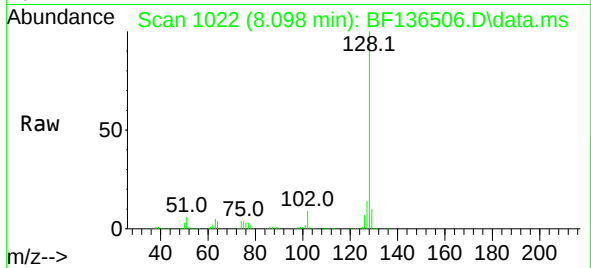
Tgt Ion:180	Resp:	251019
Ion Ratio	Lower	Upper
180	100	
182	94.1	73.1 109.7
145	29.8	23.8 35.8





#31
Naphthalene
Concen: 37.433 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

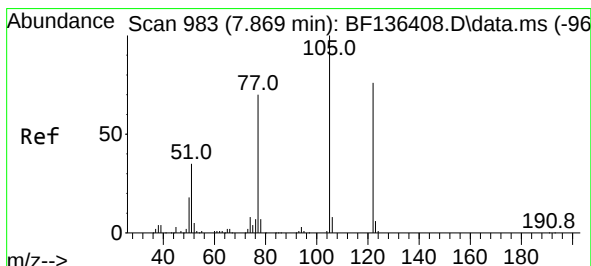
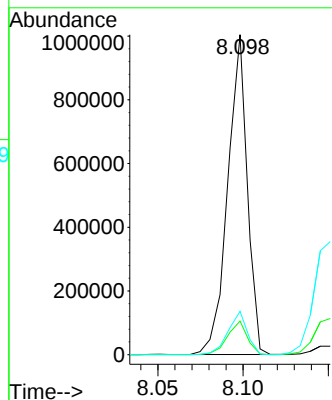
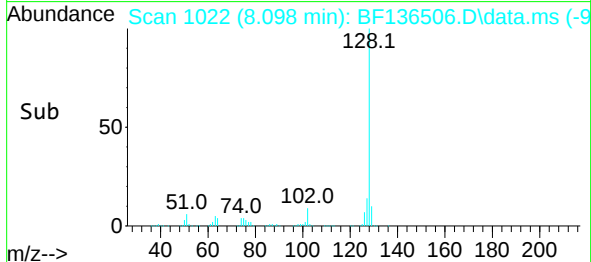
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:128 Resp: 803230
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 13.6 11.1 16.7

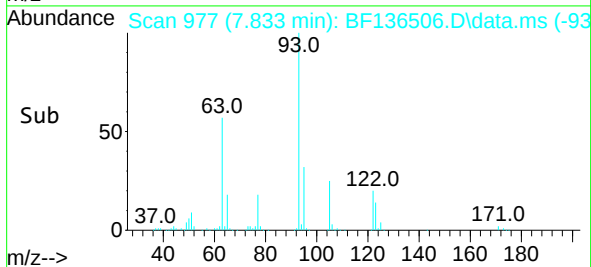
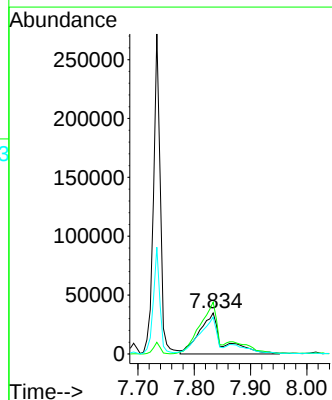
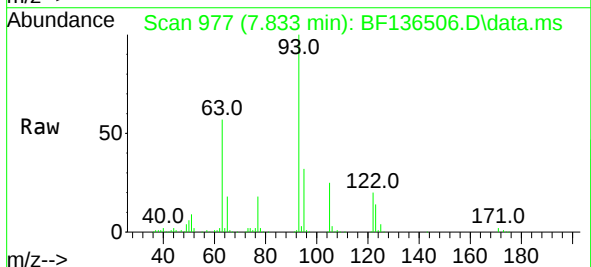
Manual Integrations
APPROVED

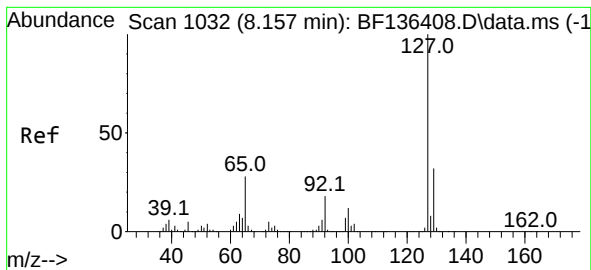
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#32
Benzoic acid
Concen: 23.564 ng m
RT: 7.833 min Scan# 977
Delta R.T. -0.035 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:122 Resp: 102603
Ion Ratio Lower Upper
122 100
105 126.4 104.7 144.7
77 89.9 68.5 108.5





#33

4-Chloroaniline

Concen: 43.284 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

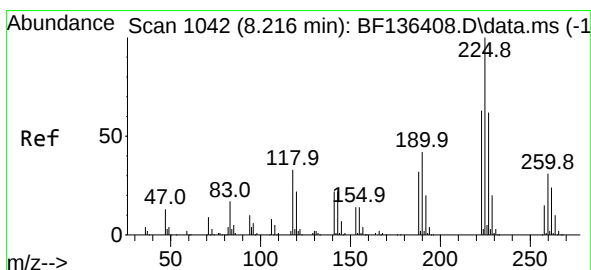
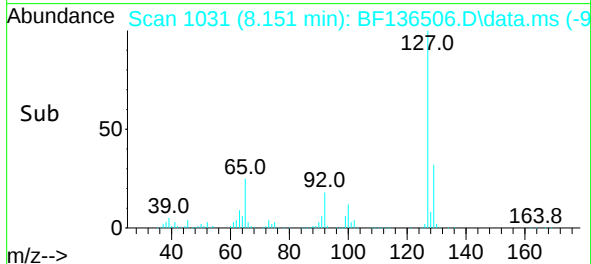
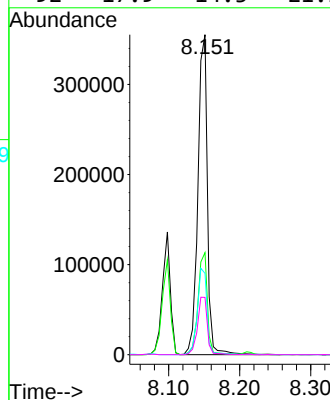
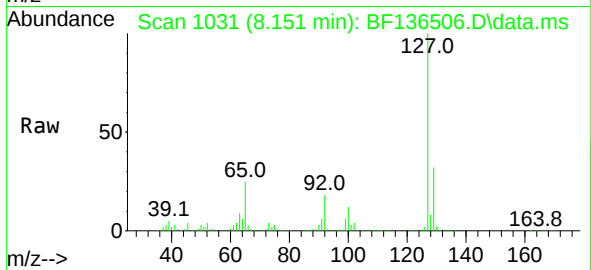
Tgt Ion:	127	Resp:	331114
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.4	38.2
65	25.4	22.5	33.7
92	17.9	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#34

Hexachlorobutadiene

Concen: 36.925 ng

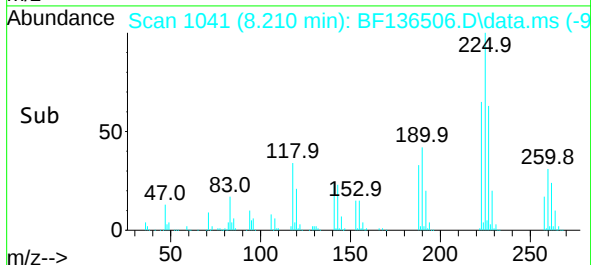
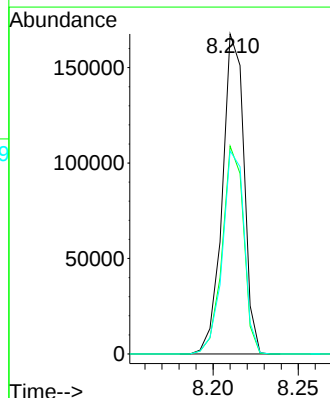
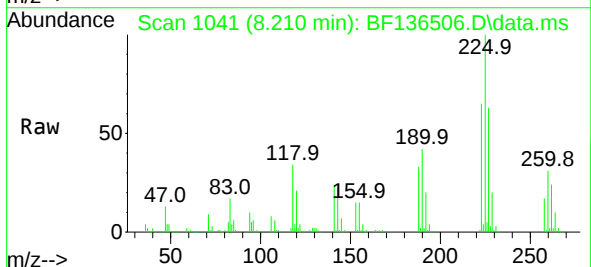
RT: 8.210 min Scan# 1041

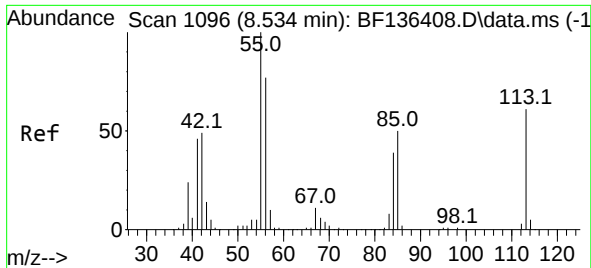
Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Tgt Ion:	225	Resp:	147835
Ion Ratio	Lower	Upper	
225	100		
223	65.0	50.8	76.2
227	63.5	49.8	74.8





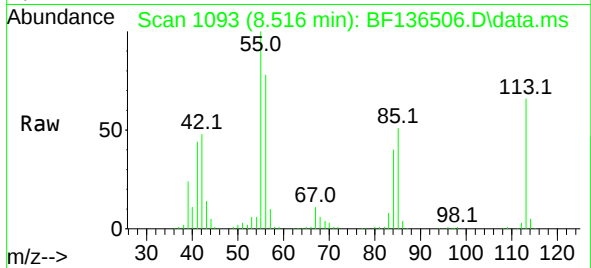
#35
 Caprolactam
 Concen: 36.059 ng
 RT: 8.516 min Scan# 1109
 Delta R.T. -0.018 min
 Lab File: BF136506.D
 Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

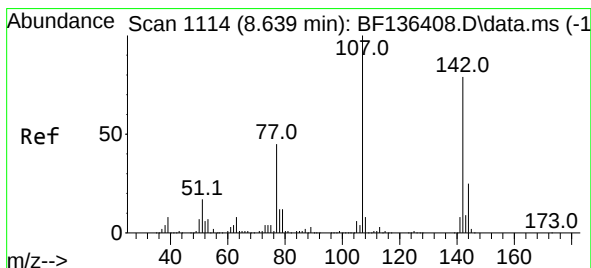
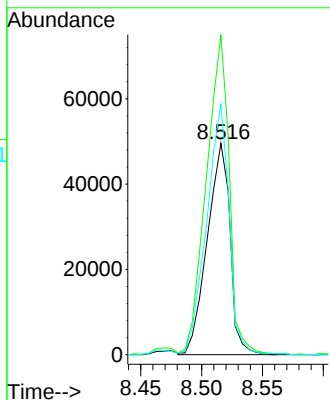
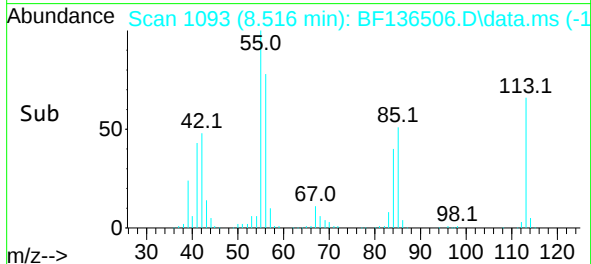
SSTDCCC040EC



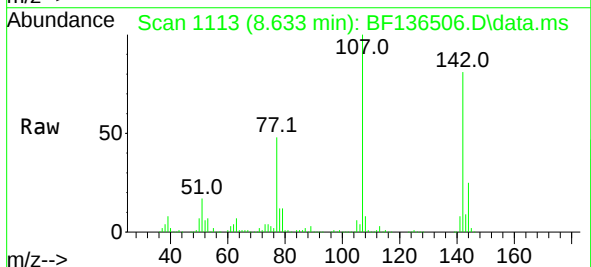
Tgt Ion:113 Resp: 64334
 Ion Ratio Lower Upper
 113 100
 55 151.4 143.7 183.7
 56 118.5 105.2 145.2

Manual Integrations
 APPROVED

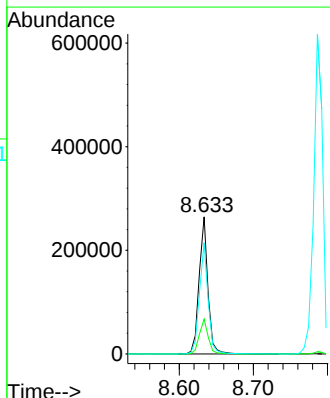
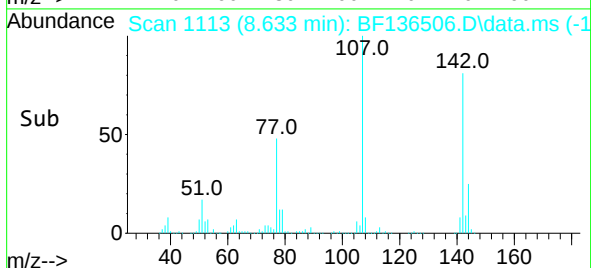
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

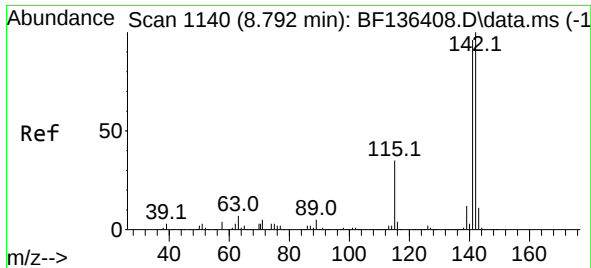


#36
 4-Chloro-3-methylphenol
 Concen: 35.529 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. -0.006 min
 Lab File: BF136506.D
 Acq: 11 Dec 2023 23:32



Tgt Ion:107 Resp: 218553
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.1 30.1
 142 81.2 63.1 94.7





#37
2-Methylnaphthalene
Concen: 37.809 ng
RT: 8.786 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

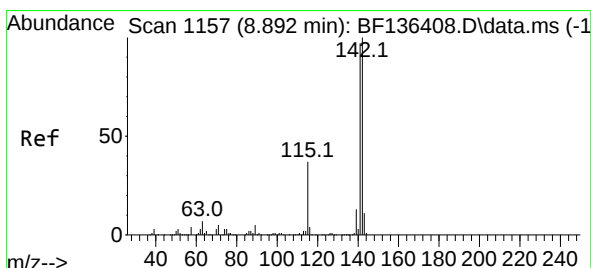
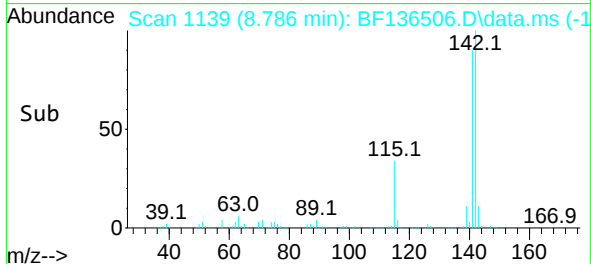
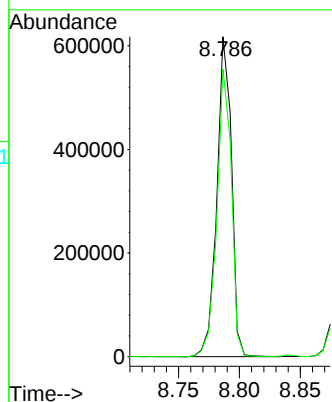
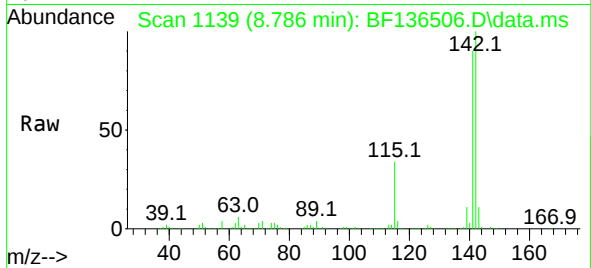
SSTDCCC040EC

Tgt Ion:142 Resp: 51614
Ion Ratio Lower Upper
142 100
141 89.9 76.4 114.6

Manual Integrations

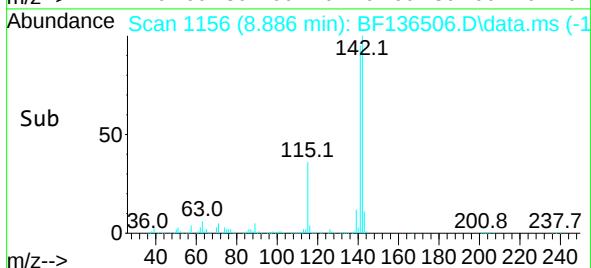
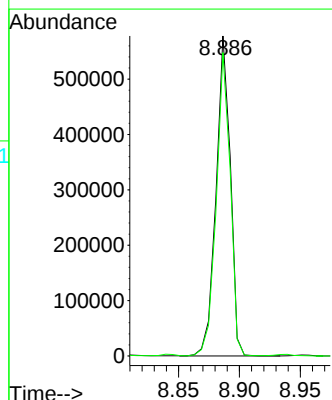
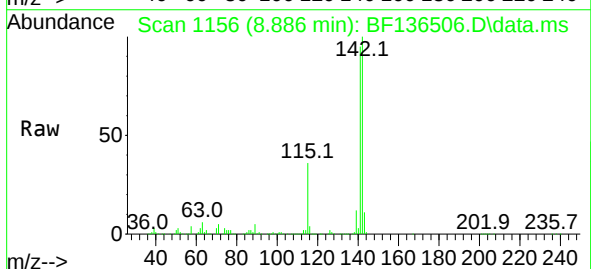
APPROVED

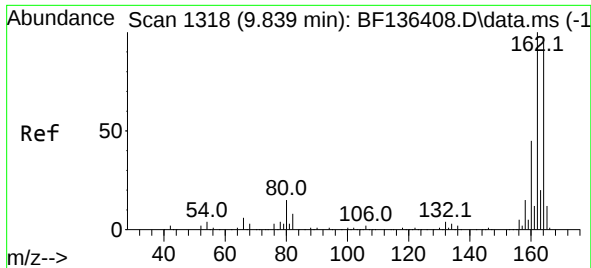
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#38
1-Methylnaphthalene
Concen: 35.154 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:142 Resp: 470903
Ion Ratio Lower Upper
142 100
141 94.8 77.7 116.5





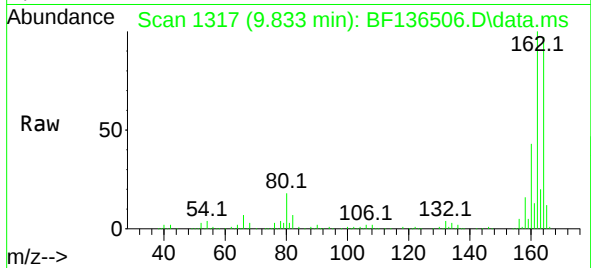
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



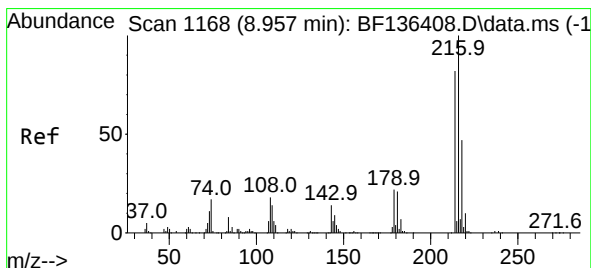
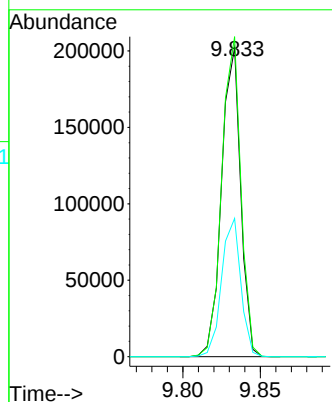
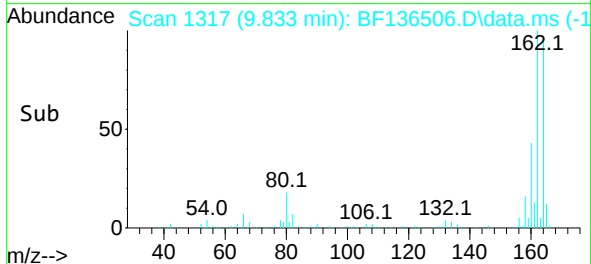
Tgt Ion:164 Resp: 173189
Ion Ratio Lower Upper
164 100
162 103.5 84.4 126.6
160 44.7 37.6 56.4

Manual Integrations

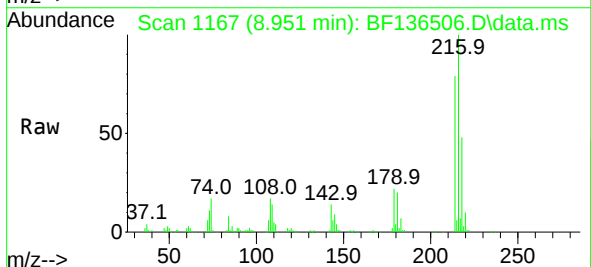
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

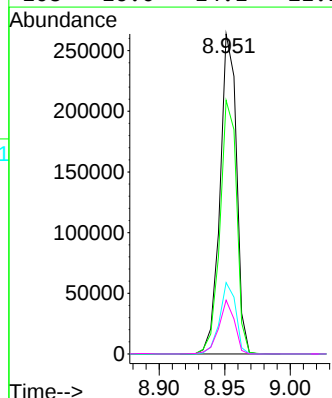
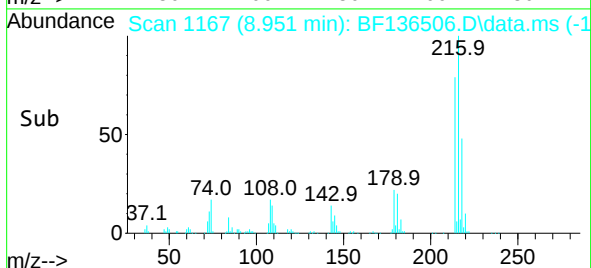
Supervised By :mohammad ahmed 12/14/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.700 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32



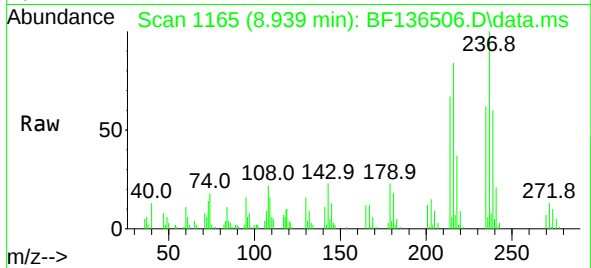
Tgt Ion:216 Resp: 230073
Ion Ratio Lower Upper
216 100
214 80.1 64.1 96.1
179 21.7 17.0 25.6
108 16.0 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 10.189 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

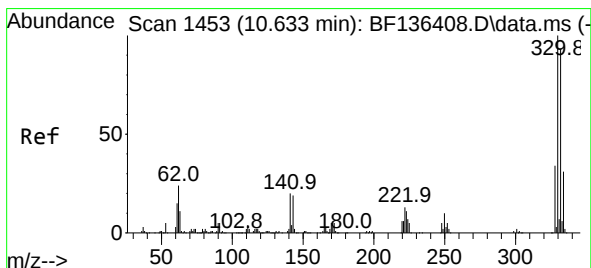
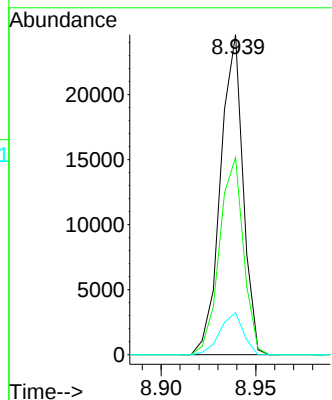
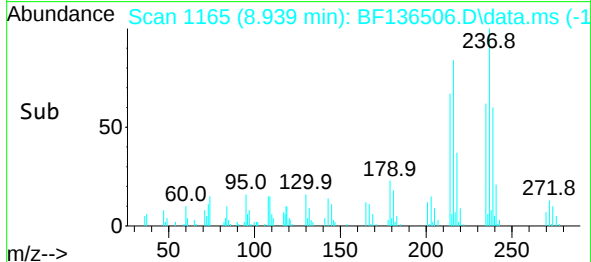
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



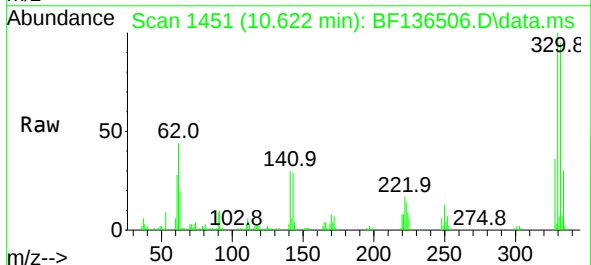
Tgt Ion:237 Resp: 20338
Ion Ratio Lower Upper
237 100
235 61.6 44.1 84.1
272 13.1 0.0 33.3

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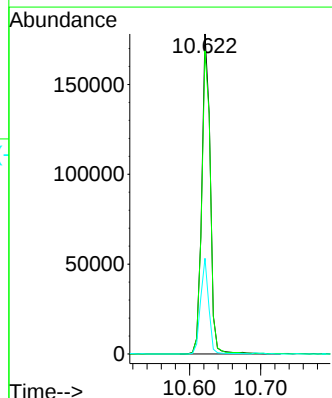
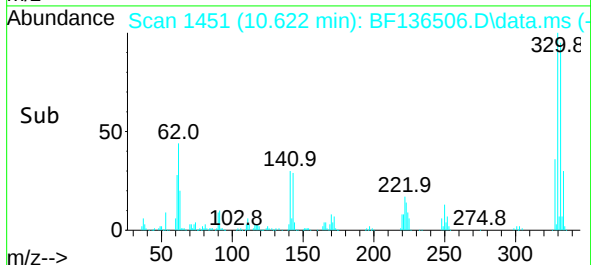
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

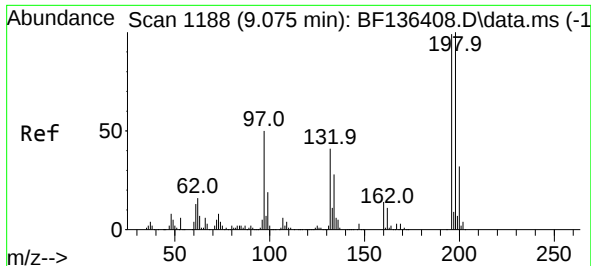


#42
2,4,6-Tribromophenol
Concen: 69.466 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32



Tgt Ion:330 Resp: 148340
Ion Ratio Lower Upper
330 100
332 96.7 76.4 114.6
141 28.8 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 38.337 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:196 Resp: 134499

Ion Ratio Lower Upper

196 100

198 99.6 80.4 120.6

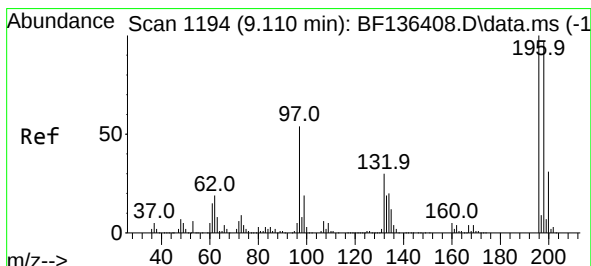
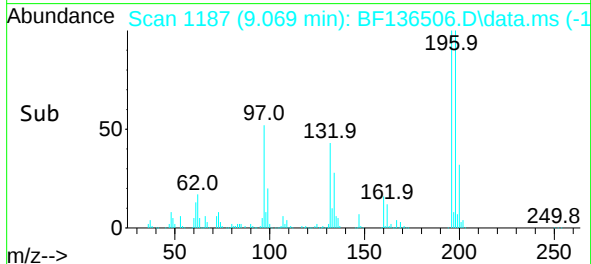
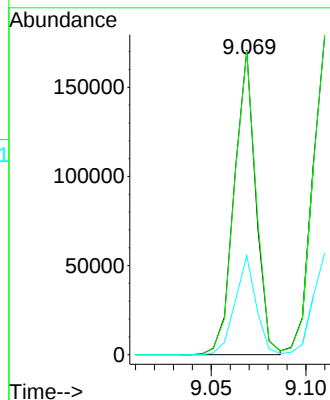
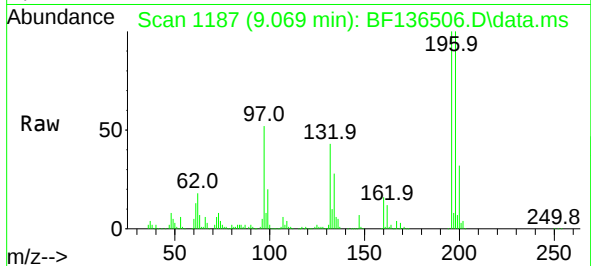
200 32.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#44

2,4,5-Trichlorophenol

Concen: 40.040 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Tgt Ion:196 Resp: 156783

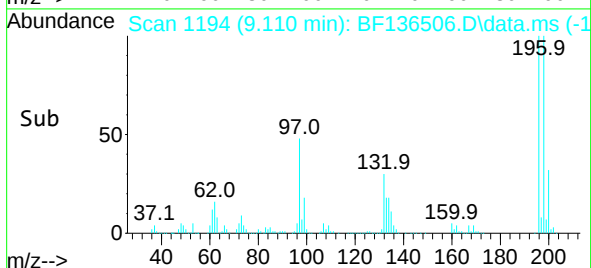
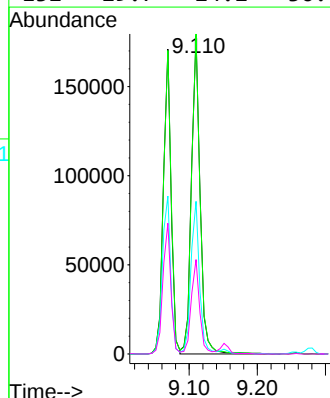
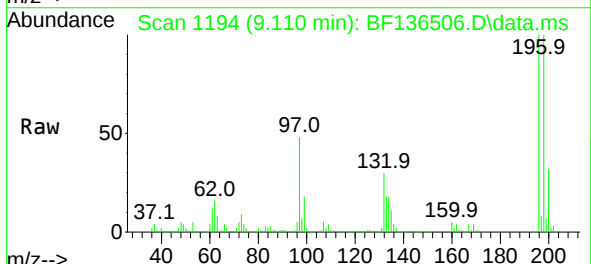
Ion Ratio Lower Upper

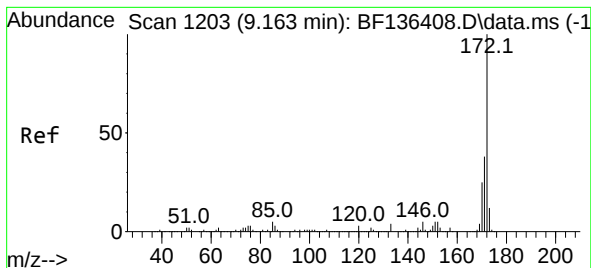
196 100

198 100.5 78.1 117.1

97 47.9 43.4 65.2

132 29.7 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 85.179 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:172 Resp: 108112

Ion Ratio Lower Upper

172 100

171 36.9 30.5 45.7

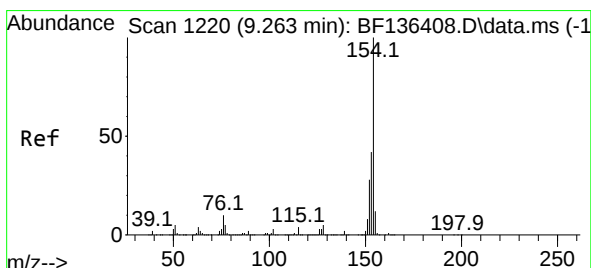
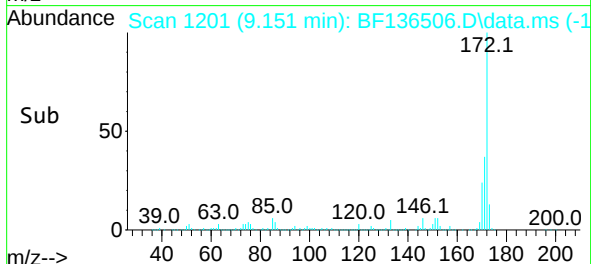
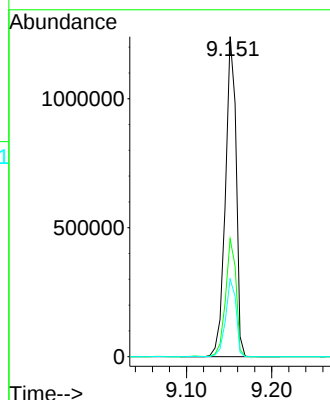
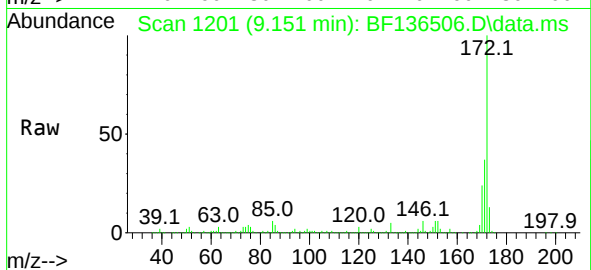
170 24.3 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#46

1,1'-Biphenyl

Concen: 41.479 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

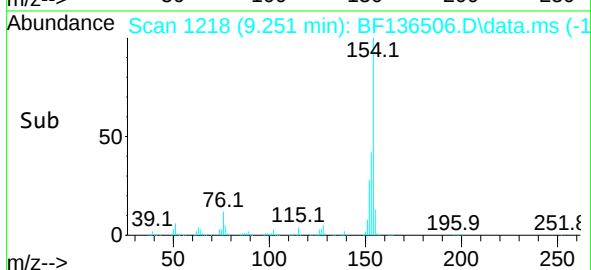
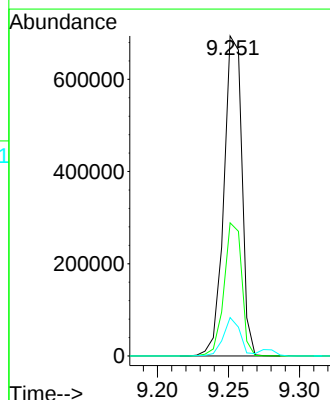
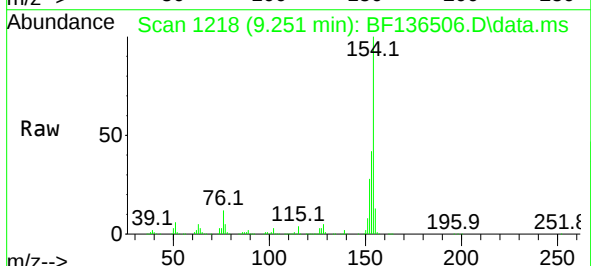
Tgt Ion:154 Resp: 611253

Ion Ratio Lower Upper

154 100

153 41.6 22.5 62.5

76 12.0 0.0 29.9





#47

2-Chloronaphthalene

Concen: 38.041 ng

RT: 9.280 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

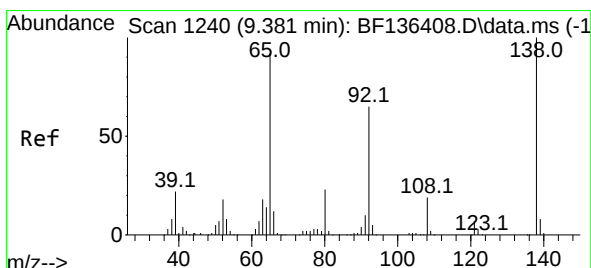
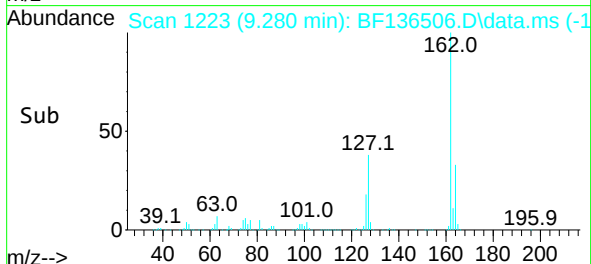
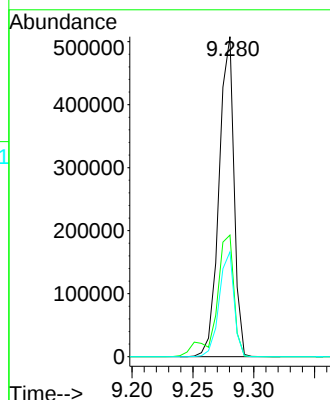
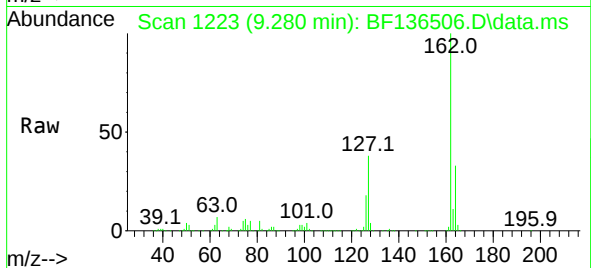
Tgt Ion:162 Resp: 436328
 Ion Ratio Lower Upper
 162 100
 127 38.0 31.1 46.7
 164 32.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#48

2-Nitroaniline

Concen: 42.913 ng

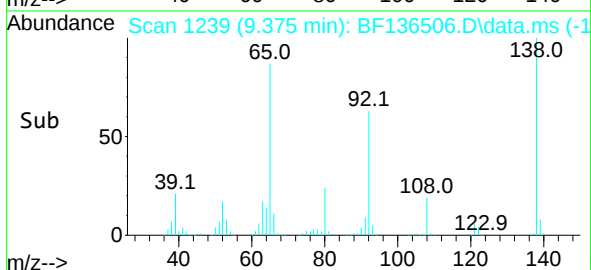
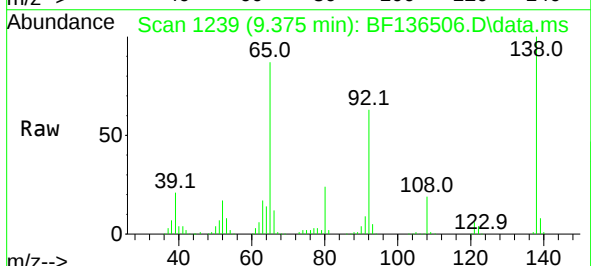
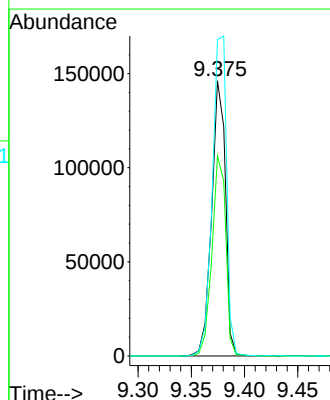
RT: 9.375 min Scan# 1239

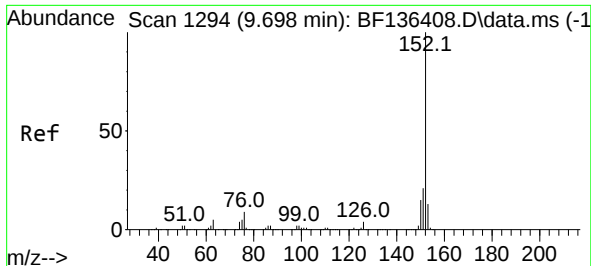
Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Tgt Ion: 65 Resp: 132011
 Ion Ratio Lower Upper
 65 100
 92 72.8 56.1 84.1
 138 115.0 86.7 130.1





#49

Acenaphthylene

Concen: 40.155 ng

RT: 9.692 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

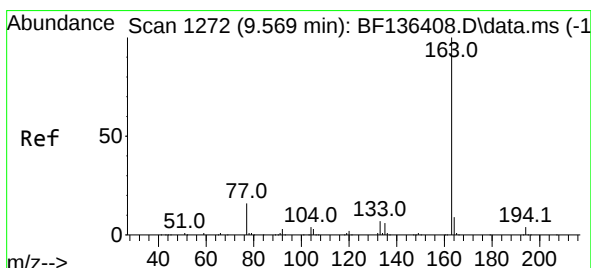
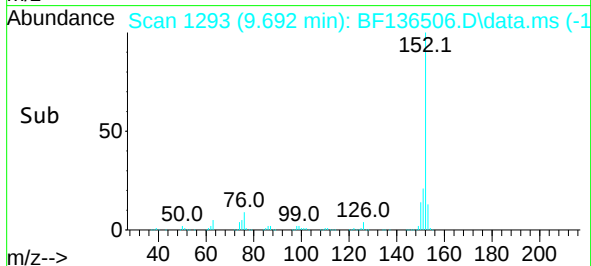
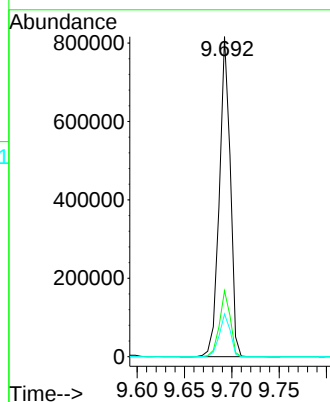
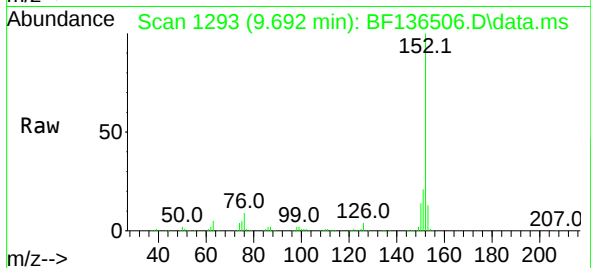
Tgt Ion:152 Resp: 65609

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.2	25.8
153	13.3	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#50

Dimethylphthalate

Concen: 42.048 ng

RT: 9.557 min Scan# 1270

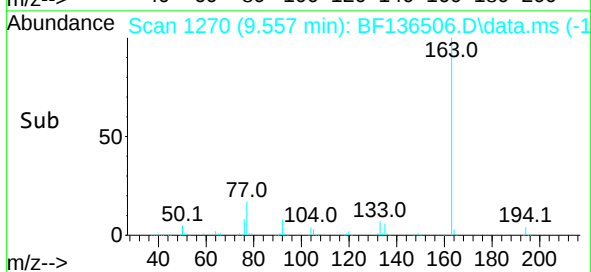
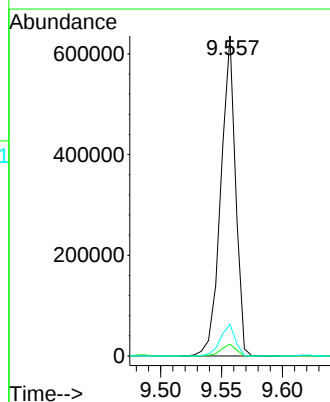
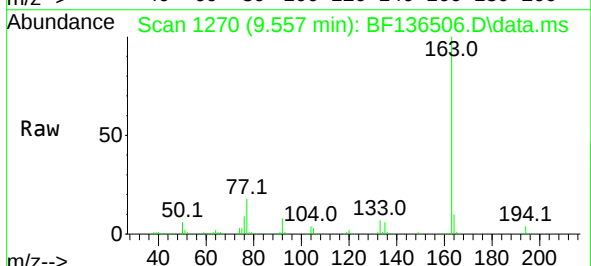
Delta R.T. -0.012 min

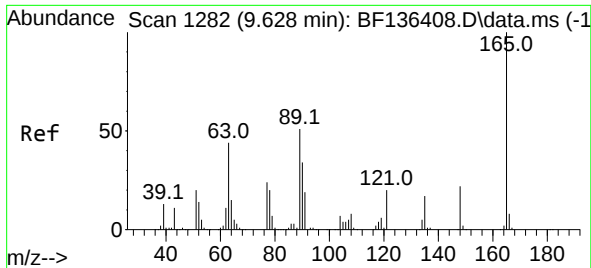
Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Tgt Ion:163 Resp: 536147

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	9.9	7.4	11.2





#51

2,6-Dinitrotoluene

Concen: 37.735 ng

RT: 9.622 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:165 Resp: 10824

Ion Ratio Lower Upper

165 100

63 43.2 40.4 60.6

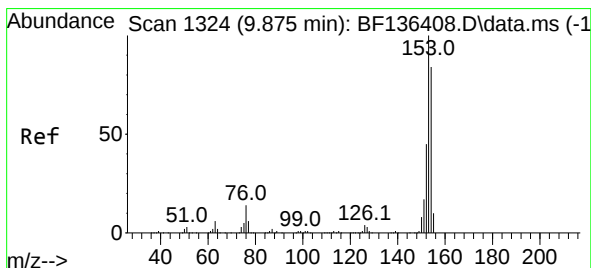
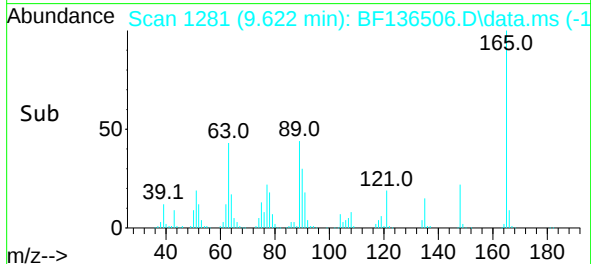
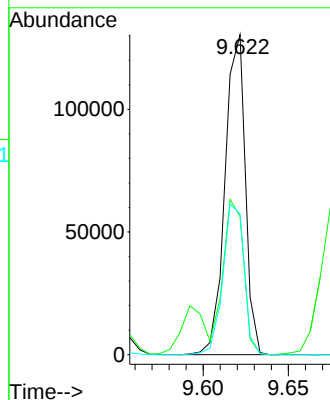
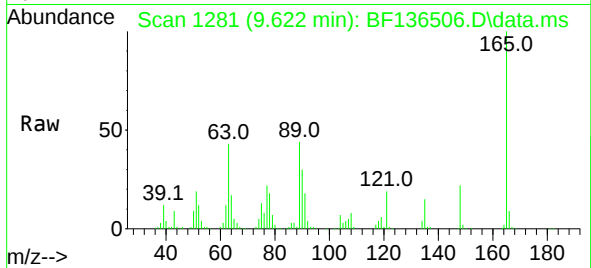
89 44.0 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#52

Acenaphthene

Concen: 38.467 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

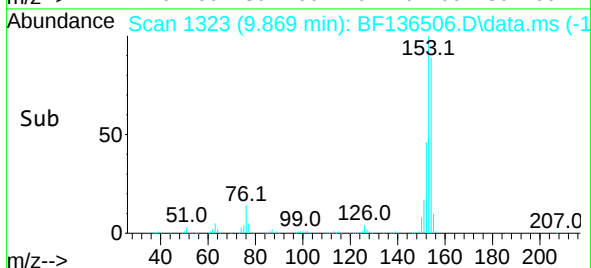
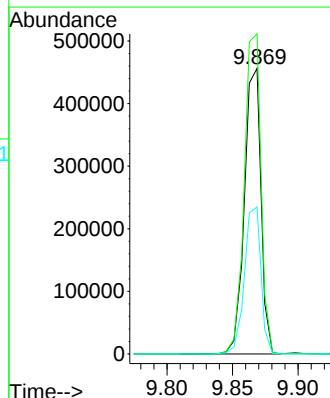
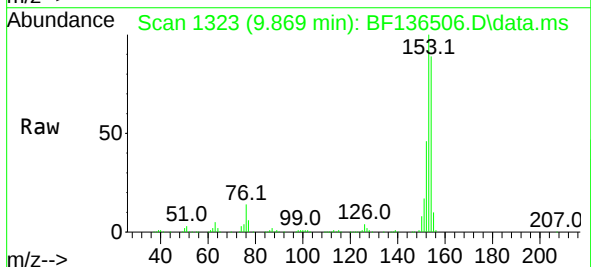
Tgt Ion:154 Resp: 402763

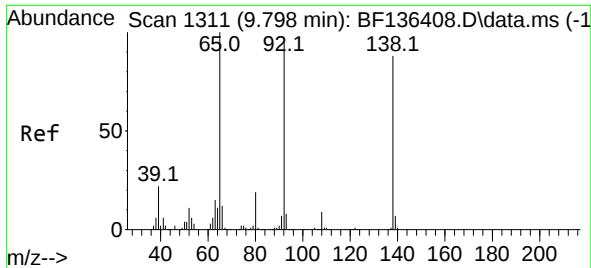
Ion Ratio Lower Upper

154 100

153 112.1 95.3 142.9

152 51.5 43.2 64.8





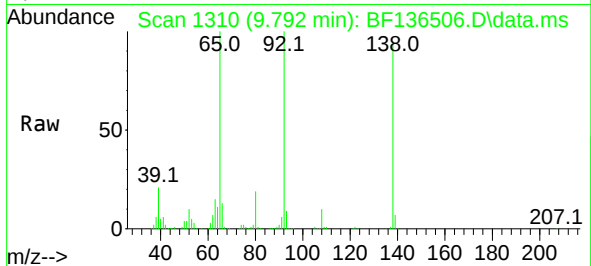
#53
3-Nitroaniline
Concen: 45.047 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



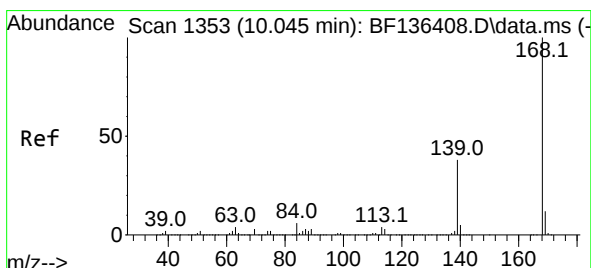
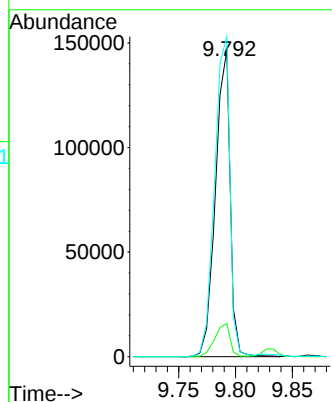
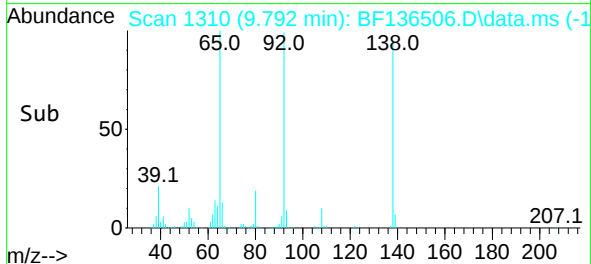
Tgt Ion:138 Resp: 131950
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 104.4 86.1 129.1

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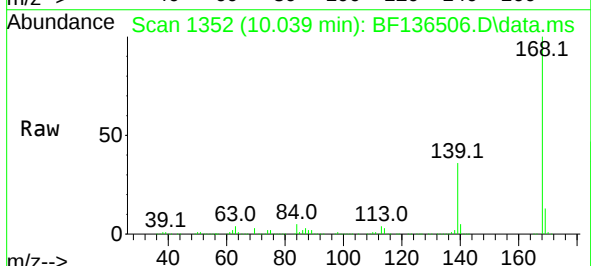
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

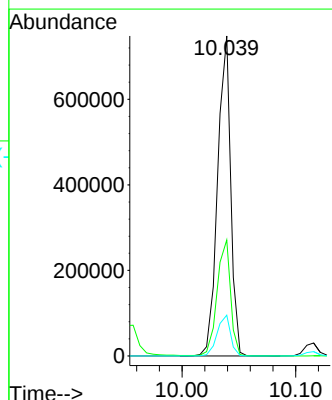
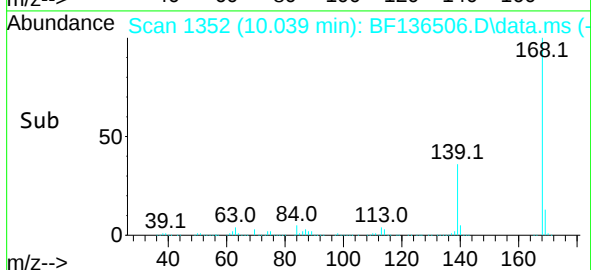
Supervised By :mohammad ahmed 12/14/2023

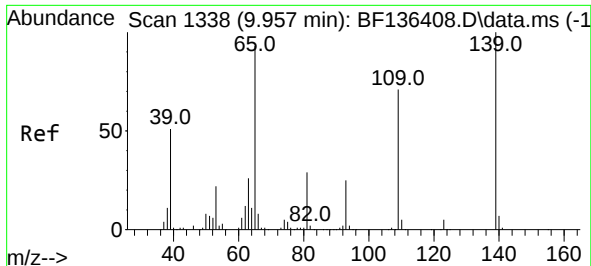


#55
Dibenzofuran
Concen: 39.162 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32



Tgt Ion:168 Resp: 599015
Ion Ratio Lower Upper
168 100
139 36.3 30.4 45.6
169 12.7 9.9 14.9





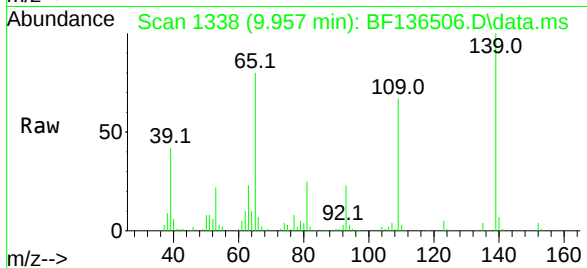
#56
4-Nitrophenol
Concen: 34.365 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

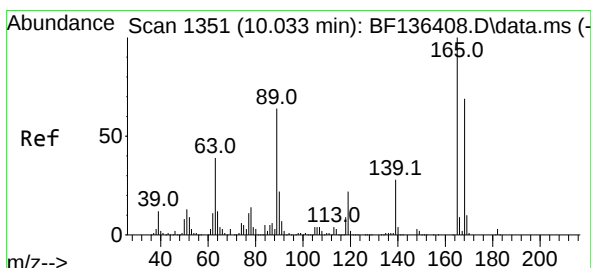
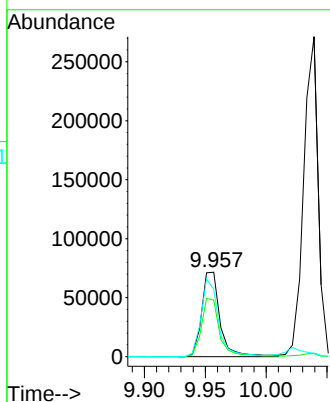
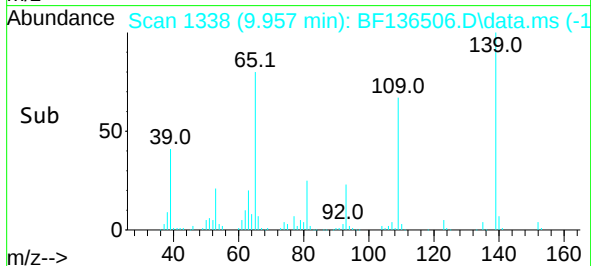
SSTDCCC040EC



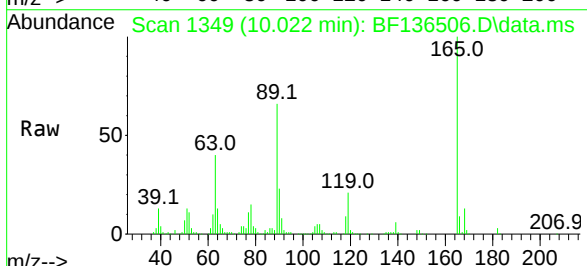
Tgt Ion:139 Resp: 75464
Ion Ratio Lower Upper
139 100
109 66.9 50.6 90.6
65 79.8 73.1 113.1

Manual Integrations
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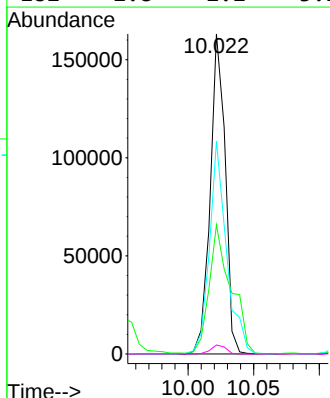
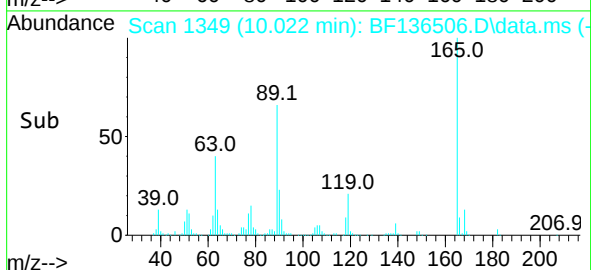
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

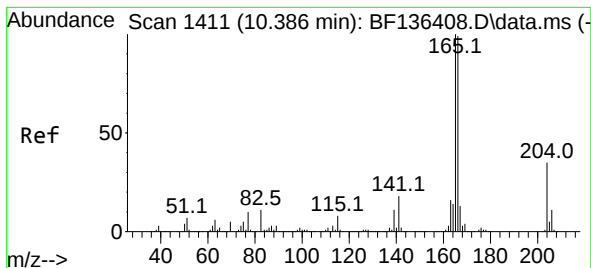


#57
2,4-Dinitrotoluene
Concen: 34.232 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32



Tgt Ion:165 Resp: 129904
Ion Ratio Lower Upper
165 100
63 40.3 31.4 47.2
89 66.5 51.7 77.5
182 2.8 2.2 3.2





#58
Fluorene
Concen: 37.565 ng
RT: 10.380 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

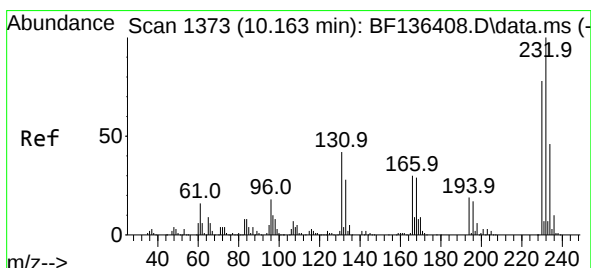
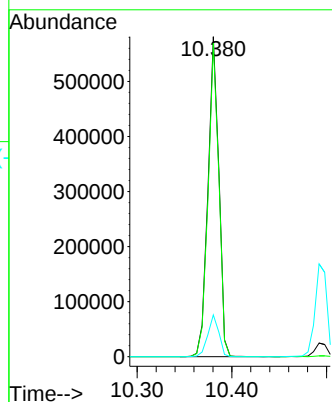
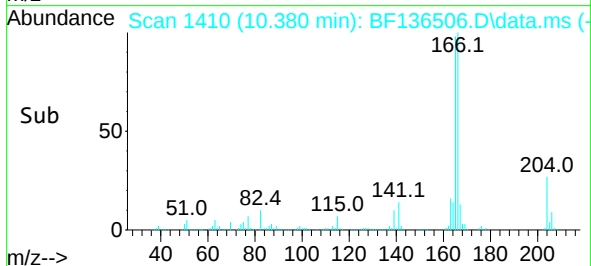
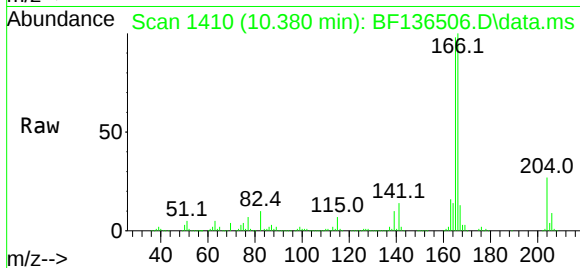
SSTDCCC040EC

Tgt Ion:166 Resp: 461238
Ion Ratio Lower Upper
166 100
165 97.9 80.5 120.7
167 13.0 10.5 15.7

Manual Integrations

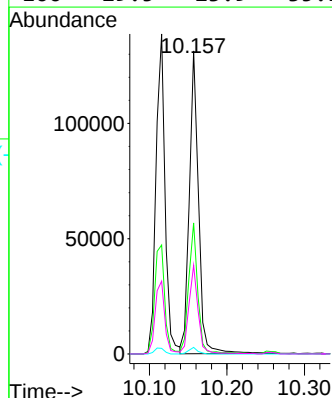
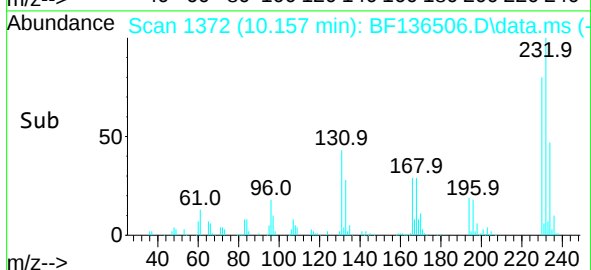
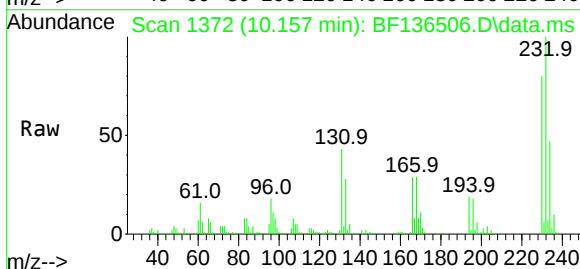
APPROVED

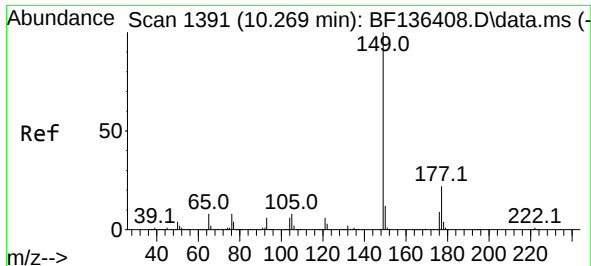
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#59
2,3,4,6-Tetrachlorophenol
Concen: 34.477 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:232 Resp: 108138
Ion Ratio Lower Upper
232 100
131 42.8 34.3 51.5
130 2.1 1.6 2.4
166 29.5 23.9 35.9





#60
Diethylphthalate
Concen: 39.340 ng
RT: 10.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

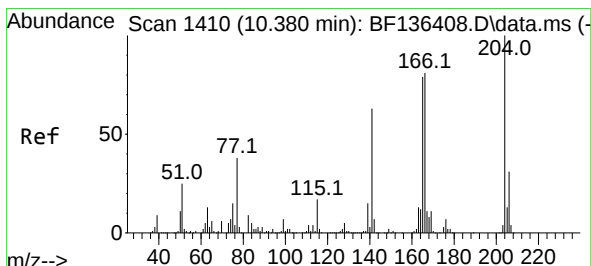
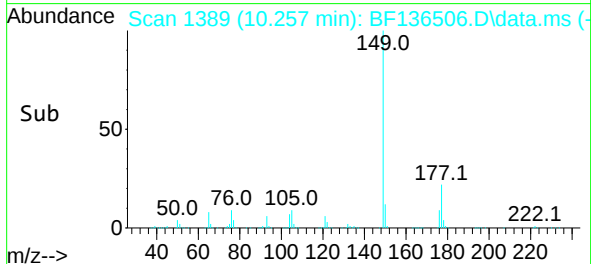
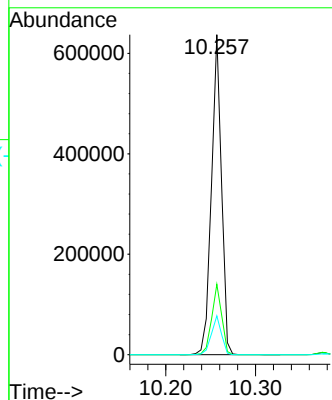
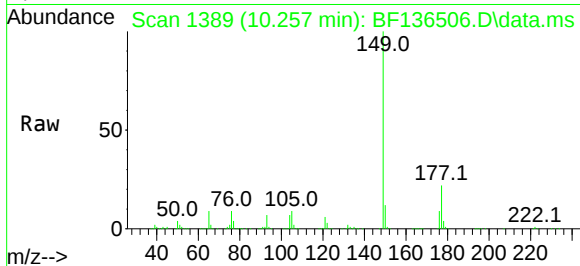
ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 49325
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.2 9.4 14.0

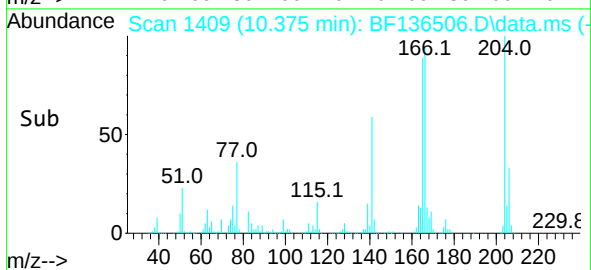
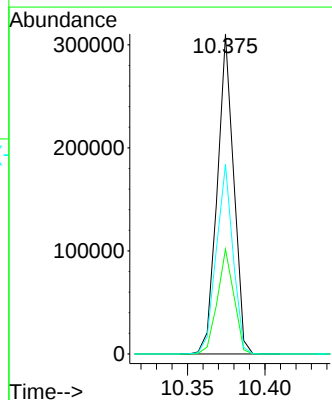
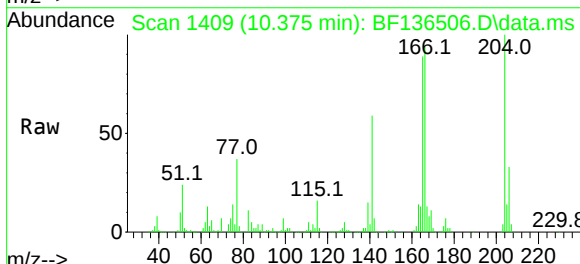
Manual Integrations
APPROVED

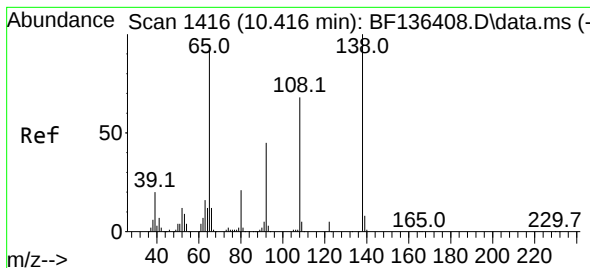
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#61
4-Chlorophenyl-phenylether
Concen: 38.298 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

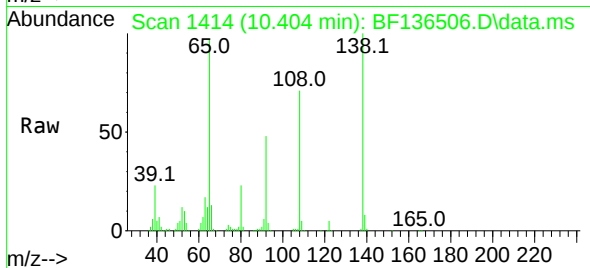
Tgt Ion:204 Resp: 229236
Ion Ratio Lower Upper
204 100
206 32.8 24.6 36.8
141 59.3 50.3 75.5





#62
4-Nitroaniline
Concen: 43.666 ng
RT: 10.404 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

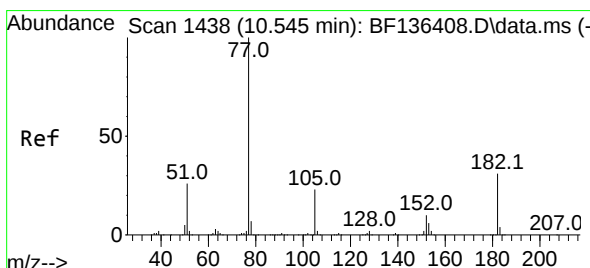
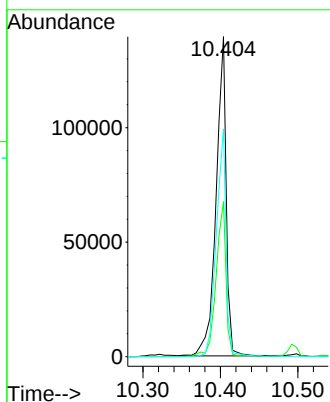
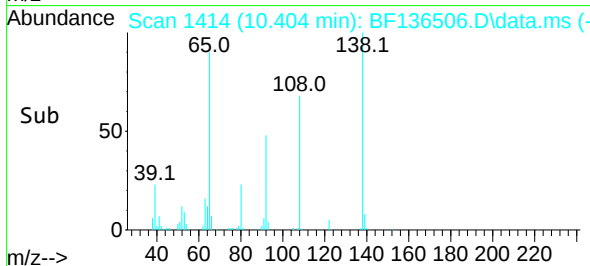
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



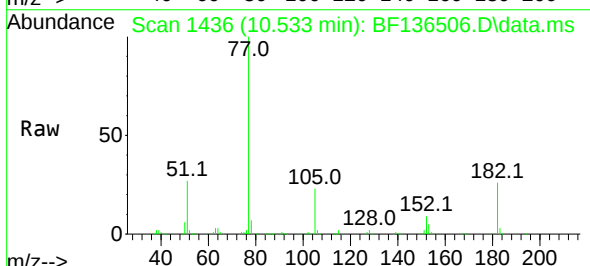
Tgt Ion:138 Resp: 127009
Ion Ratio Lower Upper
138 100
92 48.5 25.0 65.0
108 71.2 47.9 87.9

Manual Integrations
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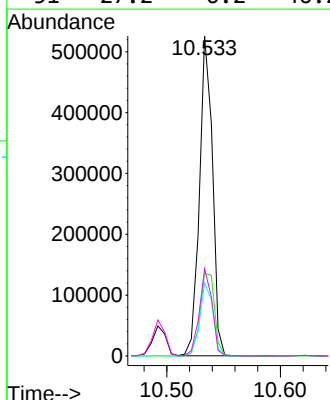
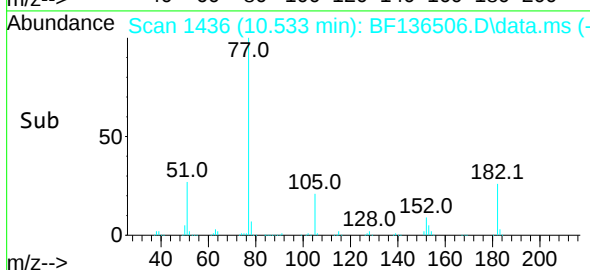
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

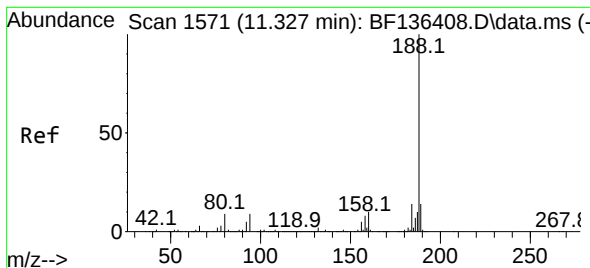


#63
Azobenzene
Concen: 36.600 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32



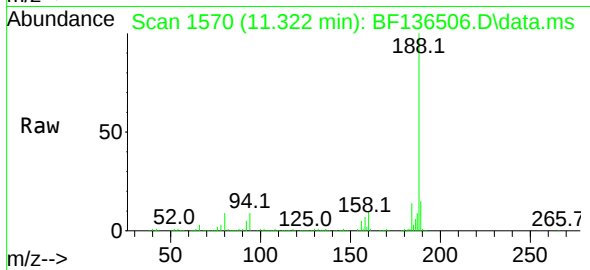
Tgt Ion: 77 Resp: 417690
Ion Ratio Lower Upper
77 100
182 25.9 10.8 50.8
105 22.8 2.6 42.6
51 27.2 6.2 46.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

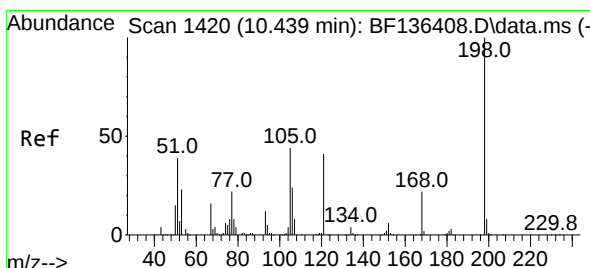
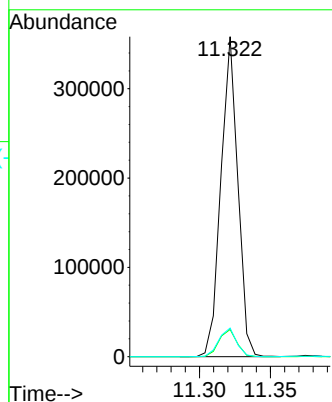
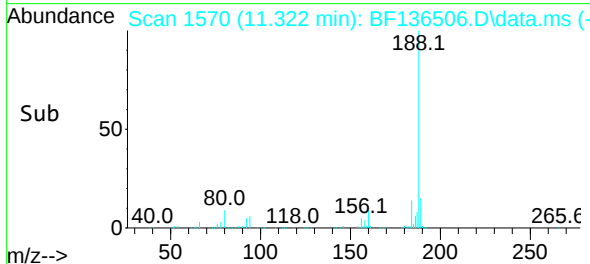
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:188 Resp: 296419
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.9 7.2 10.8

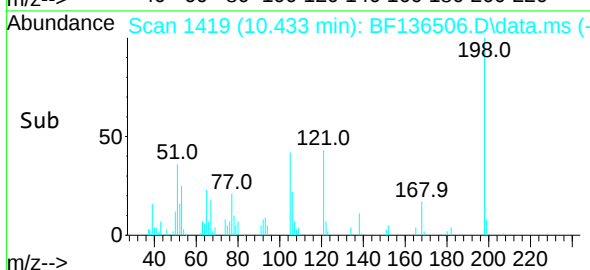
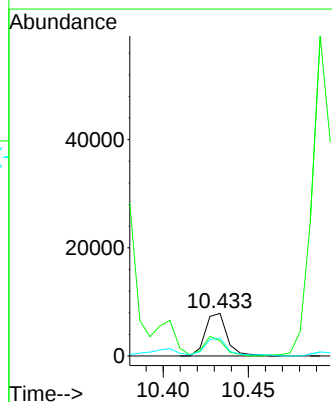
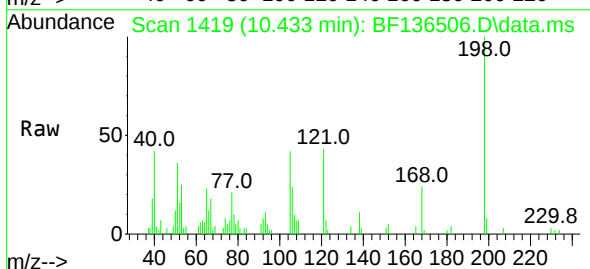
Manual Integrations
APPROVED

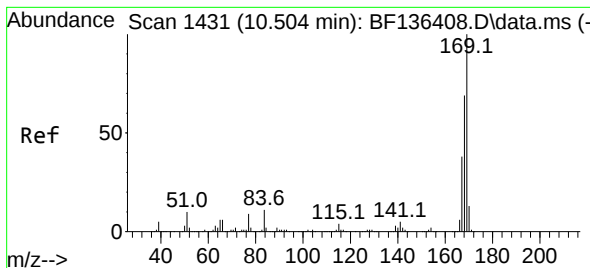
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 3.794 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

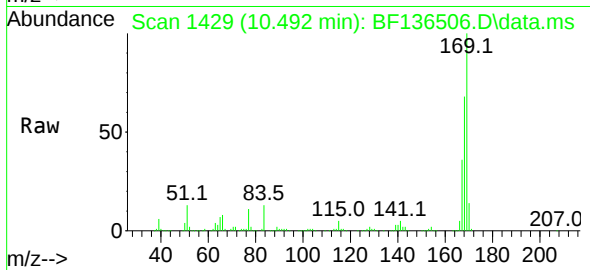
Tgt Ion:198 Resp: 6965
Ion Ratio Lower Upper
198 100
51 35.8 24.1 64.1
105 41.5 24.8 64.8





#66
n-Nitrosodiphenylamine
Concen: 42.849 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

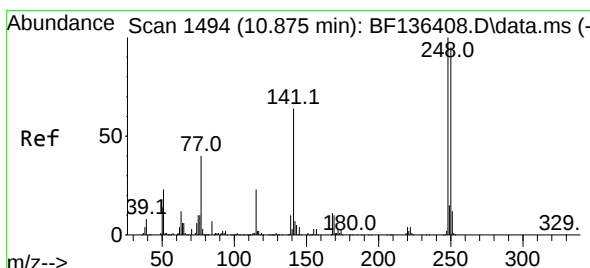
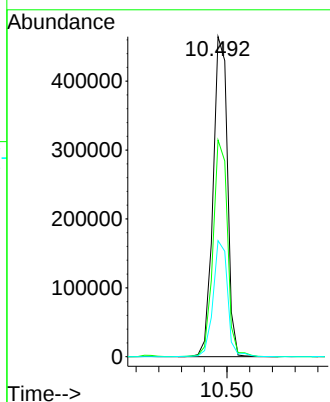
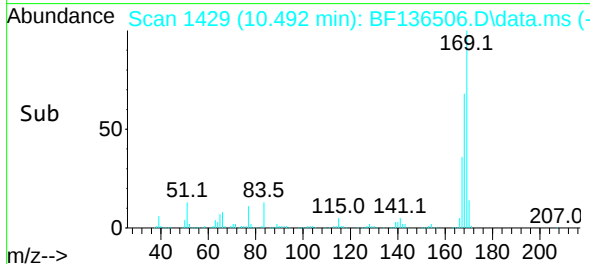
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



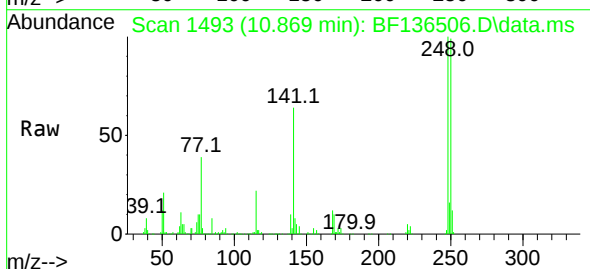
Tgt Ion:169 Resp: 40755
Ion Ratio Lower Upper
169 100
168 67.7 55.3 82.9
167 36.3 30.1 45.1

Manual Integrations
APPROVED

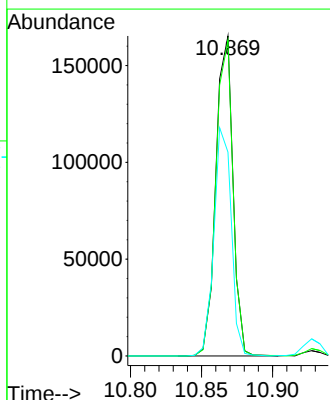
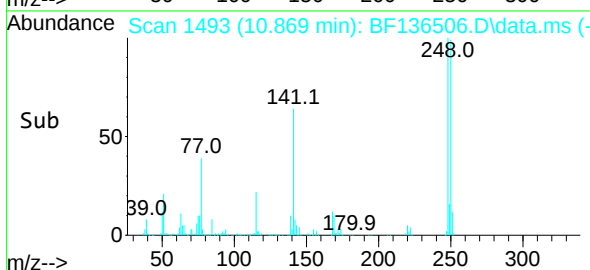
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

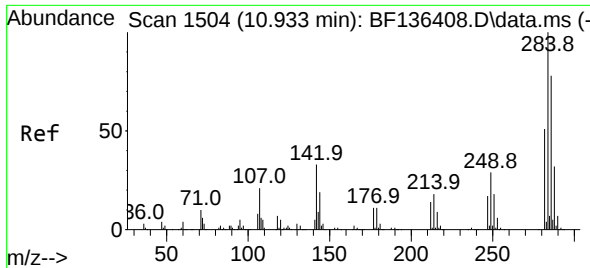


#67
4-Bromophenyl-phenylether
Concen: 40.076 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32



Tgt Ion:248 Resp: 138117
Ion Ratio Lower Upper
248 100
250 98.6 76.2 114.2
141 63.7 51.0 76.4





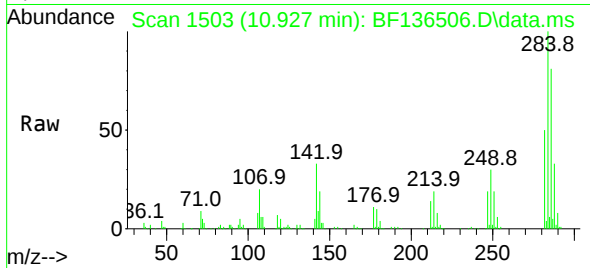
#68
Hexachlorobenzene
Concen: 36.227 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

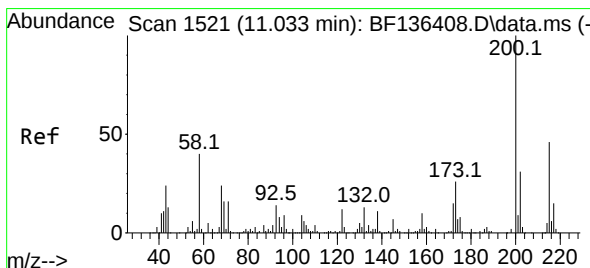
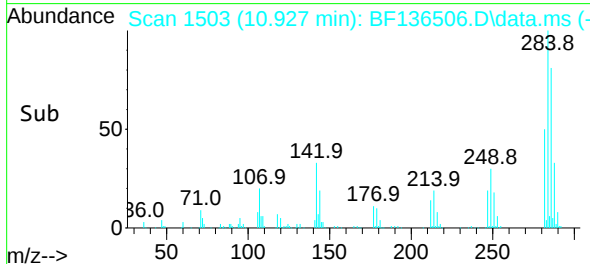
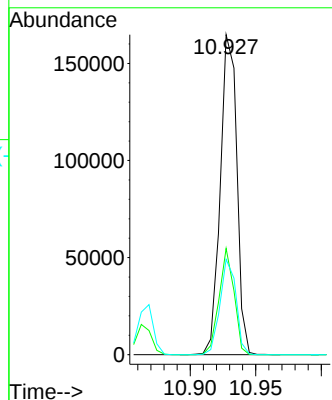


Tgt Ion:284 Resp: 144298
Ion Ratio Lower Upper
284 100
142 33.2 26.5 39.7
249 29.8 23.4 35.0

Manual Integrations

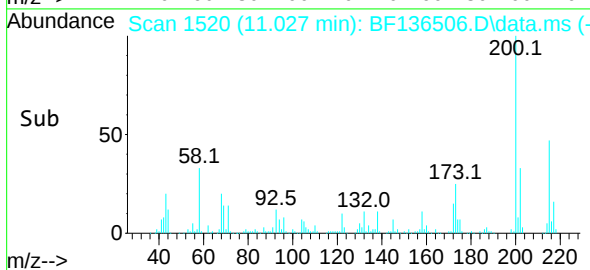
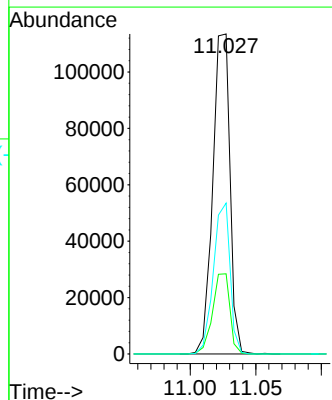
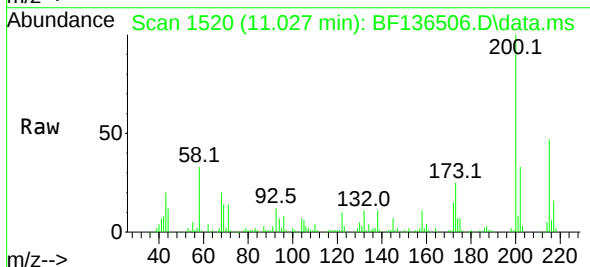
APPROVED

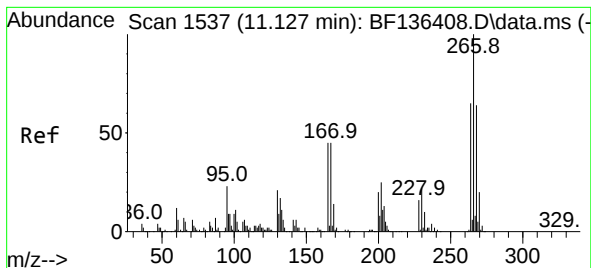
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#69
Atrazine
Concen: 38.185 ng
RT: 11.027 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

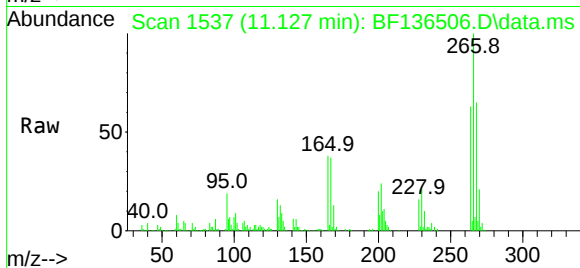
Tgt Ion:200 Resp: 103663
Ion Ratio Lower Upper
200 100
173 25.0 6.0 46.0
215 47.2 25.5 65.5





#70
Pentachlorophenol
Concen: 32.591 ng
RT: 11.127 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

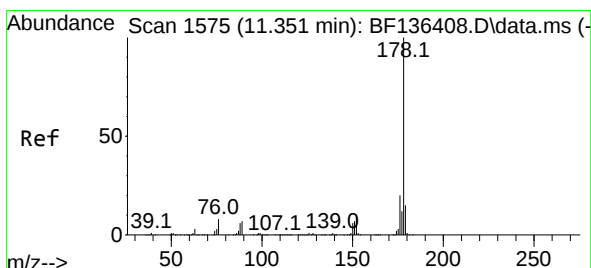
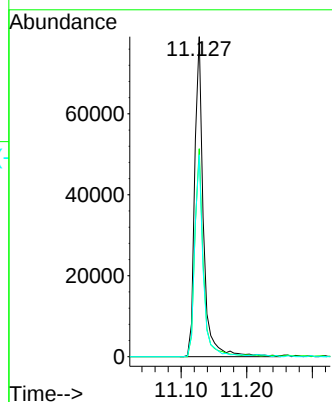
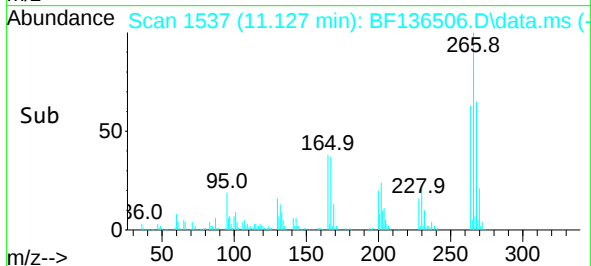
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:266 Resp: 73260
Ion Ratio Lower Upper
266 100
268 65.0 51.0 76.6
264 63.1 52.2 78.4

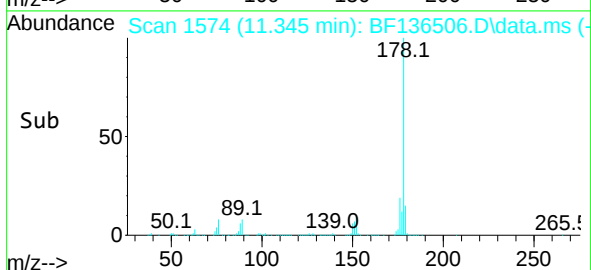
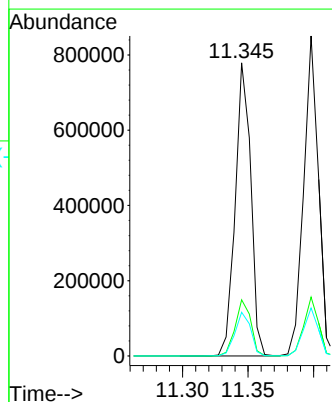
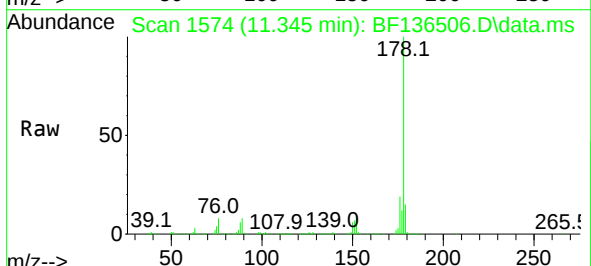
Manual Integrations
APPROVED

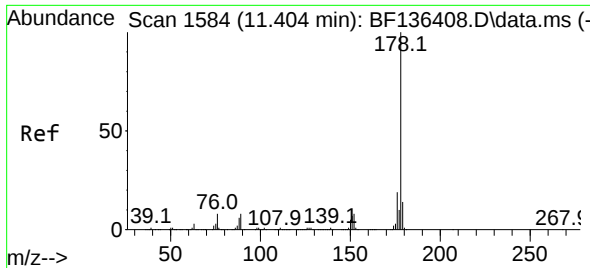
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#71
Phenanthrene
Concen: 39.531 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

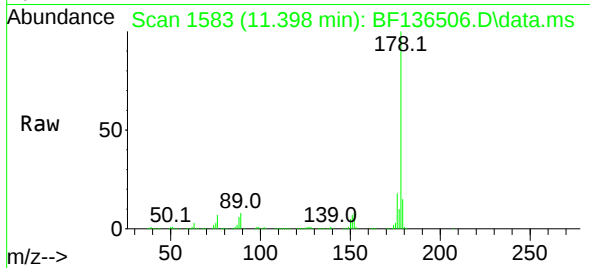
Tgt Ion:178 Resp: 644055
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 14.9 11.8 17.6





#72
 Anthracene
 Concen: 40.601 ng
 RT: 11.398 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136506.D
 Acq: 11 Dec 2023 23:32

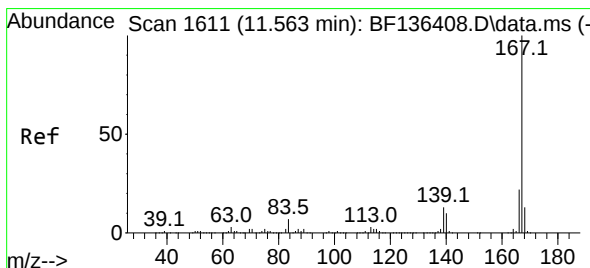
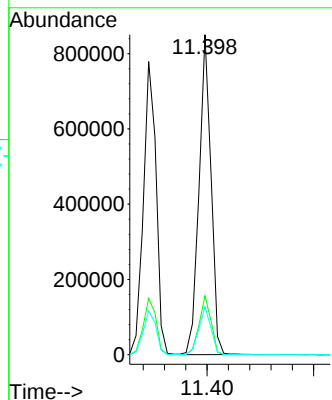
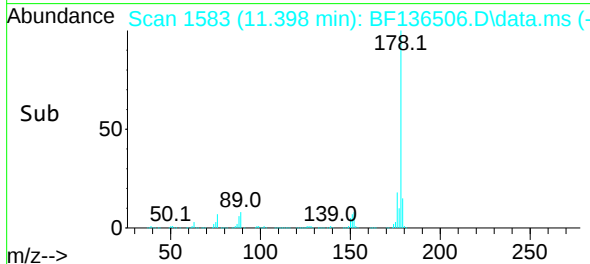
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:178 Resp: 66626
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.3 22.9
 179 15.0 11.4 17.0

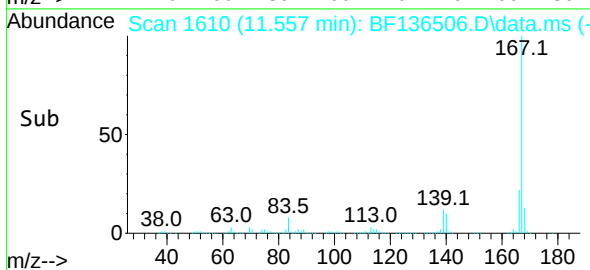
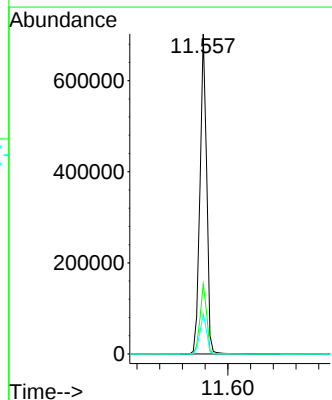
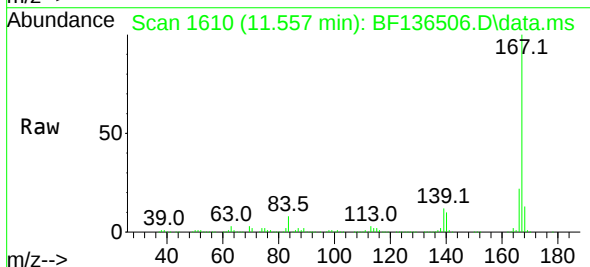
Manual Integrations
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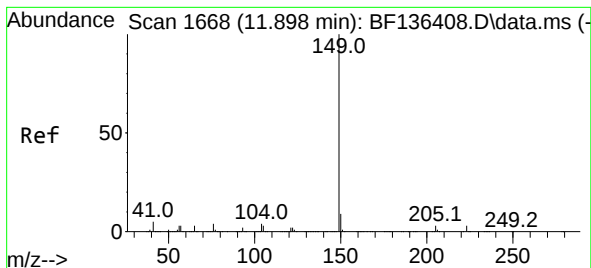
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#73
 Carbazole
 Concen: 39.726 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF136506.D
 Acq: 11 Dec 2023 23:32

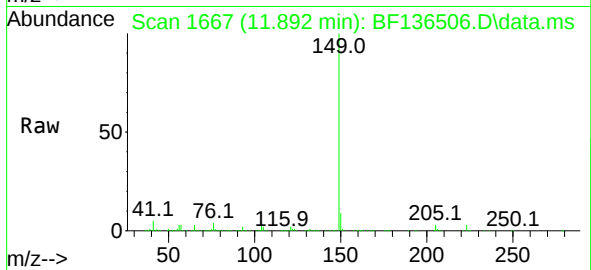
Tgt Ion:167 Resp: 576987
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 12.5 10.2 15.4





#74
Di-n-butylphthalate
Concen: 40.186 ng
RT: 11.892 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

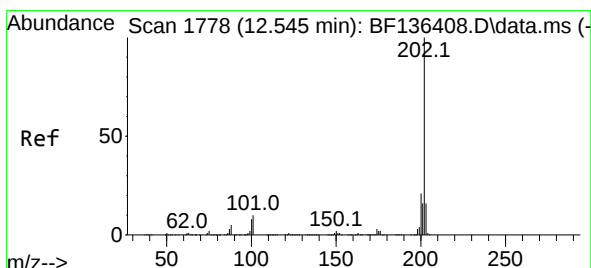
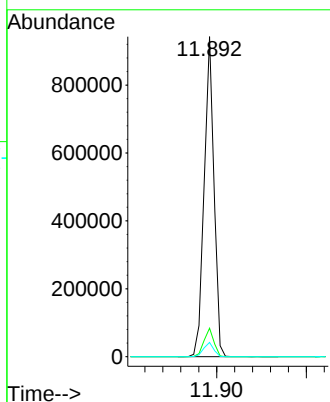
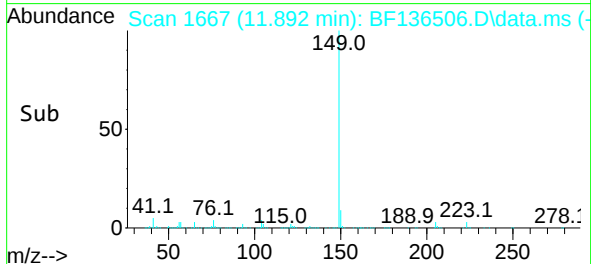
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



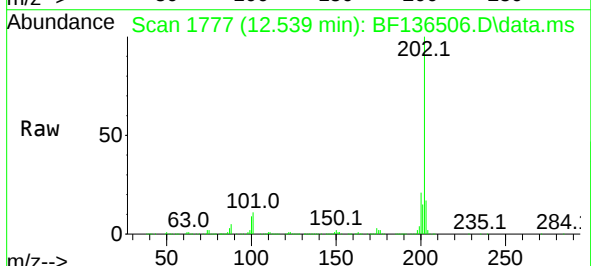
Tgt Ion:149 Resp: 71552
Ion Ratio Lower Upper
149 100
150 8.9 6.9 10.3
104 4.5 3.5 5.3

Manual Integrations
APPROVED

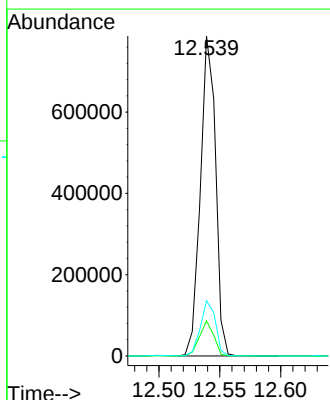
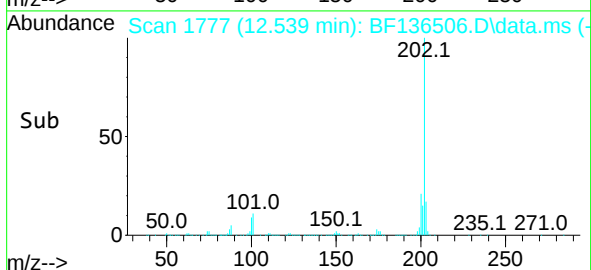
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

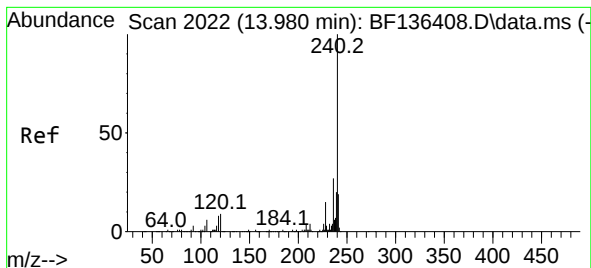


#75
Fluoranthene
Concen: 40.073 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32



Tgt Ion:202 Resp: 684192
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.9
203 17.2 0.0 36.3





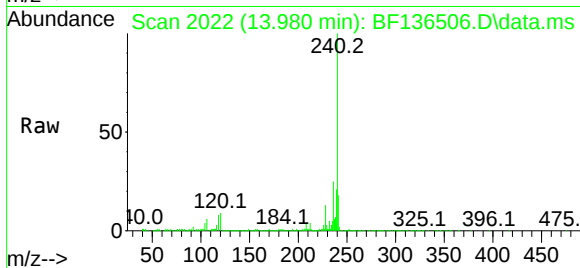
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

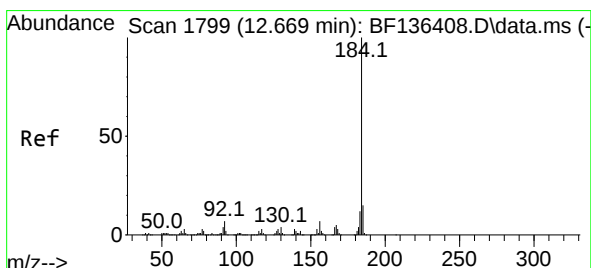
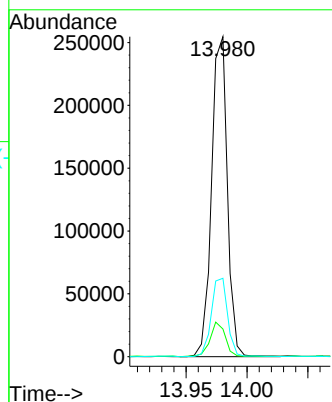
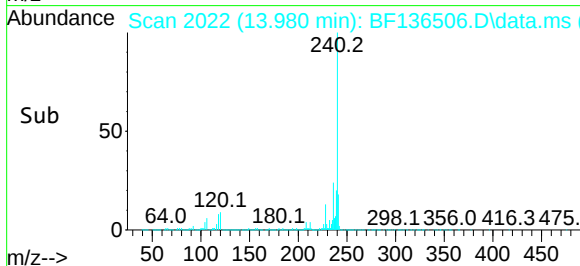


Tgt Ion:240 Resp: 229045
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 24.5 21.3 31.9

Manual Integrations

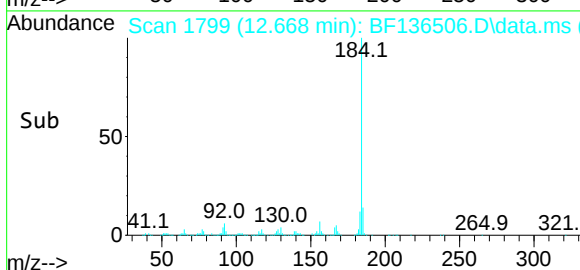
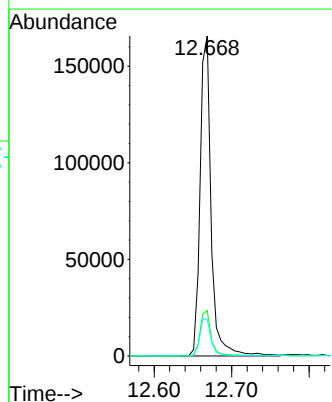
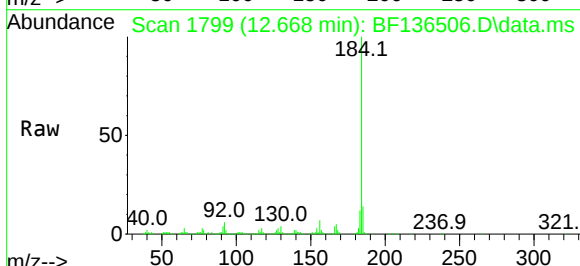
APPROVED

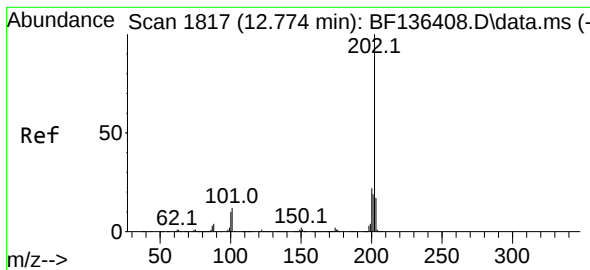
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#77
Benzidine
Concen: 34.445 ng
RT: 12.668 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:184 Resp: 163182
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 11.6 9.4 14.0





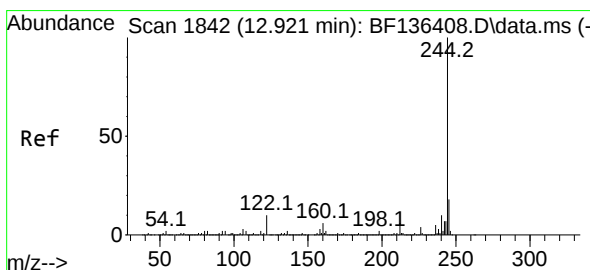
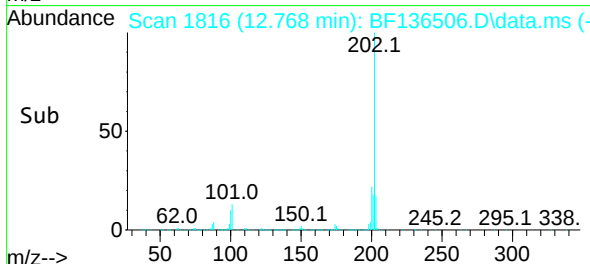
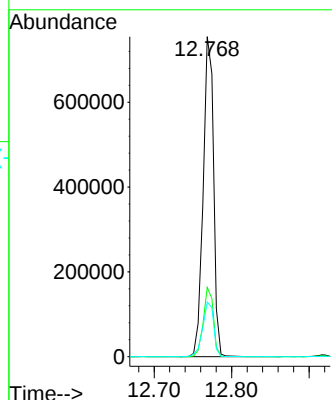
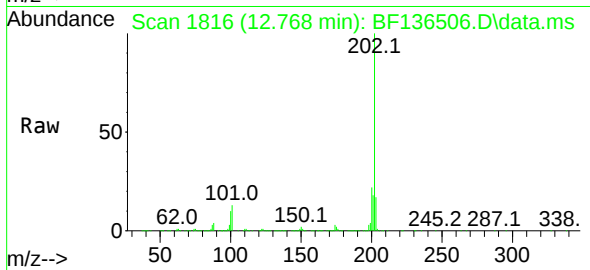
#78
Pyrene
Concen: 31.325 ng
RT: 12.768 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 70266
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 17.1 13.5 20.3

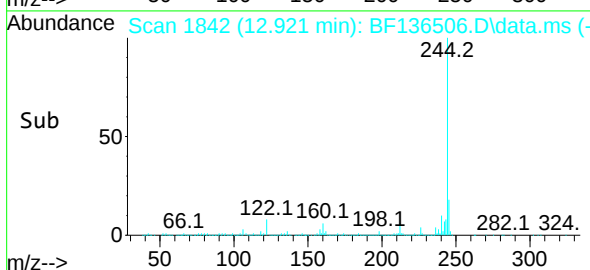
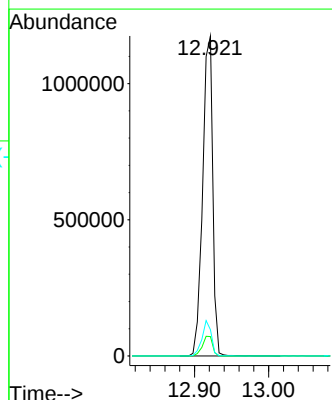
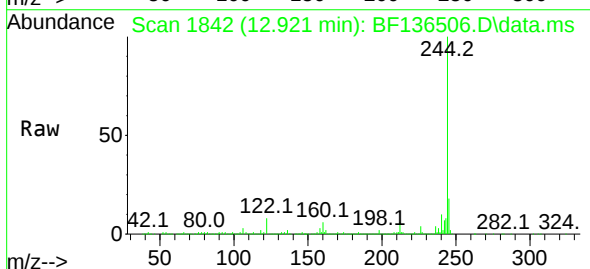
Manual Integrations
APPROVED

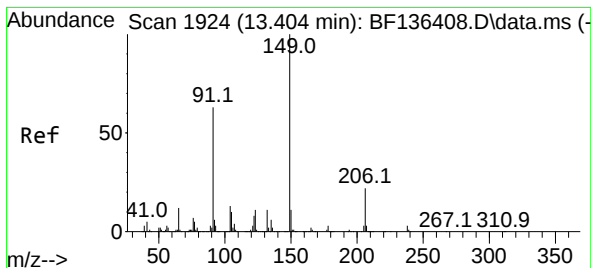
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#79
Terphenyl-d14
Concen: 64.098 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

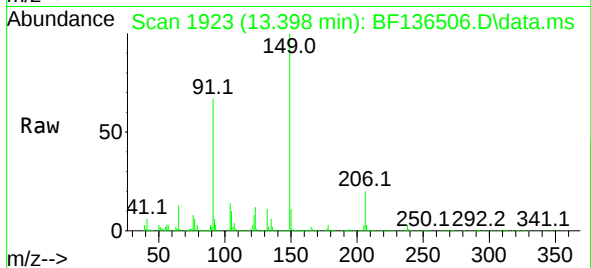
Tgt Ion:244 Resp: 1113868
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 8.2 8.3 12.5#





#80
Butylbenzylphthalate
Concen: 37.057 ng
RT: 13.398 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

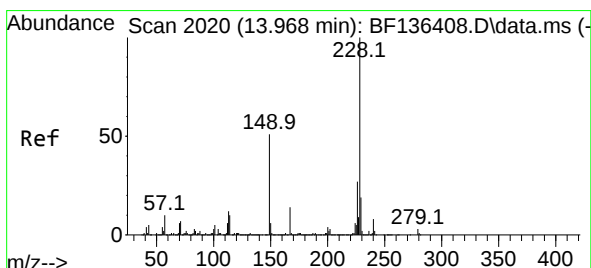
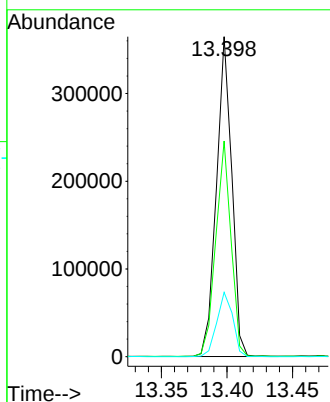
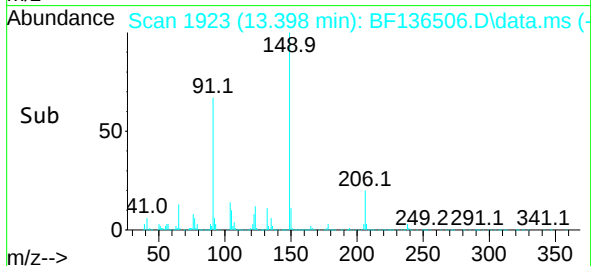
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:149 Resp: 295915
Ion Ratio Lower Upper
149 100
91 67.4 50.5 75.7
206 20.1 17.4 26.2

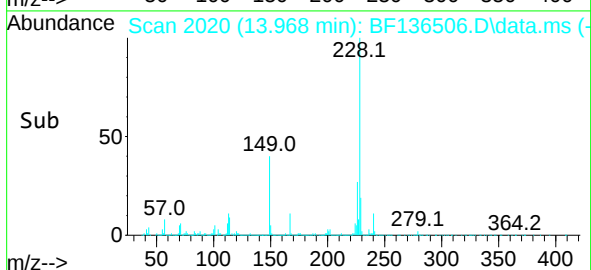
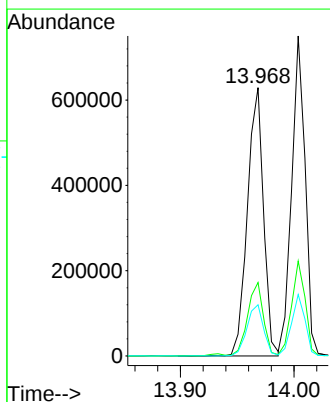
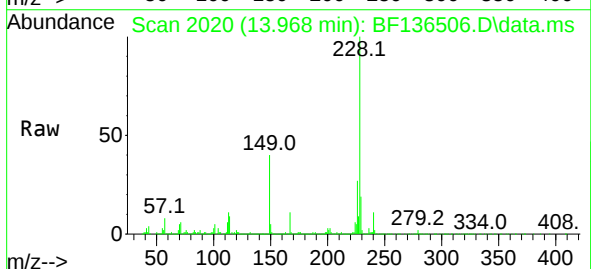
Manual Integrations
APPROVED

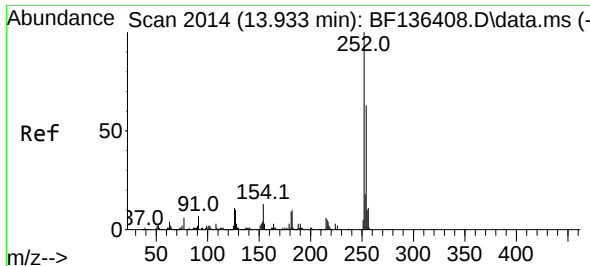
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#81
Benzo(a)anthracene
Concen: 38.955 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:228 Resp: 621510
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.1 15.0 22.4





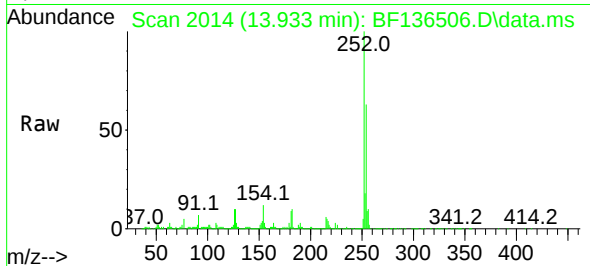
#82
3,3'-Dichlorobenzidine
Concen: 51.657 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

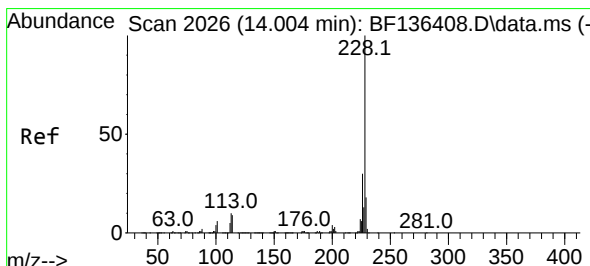
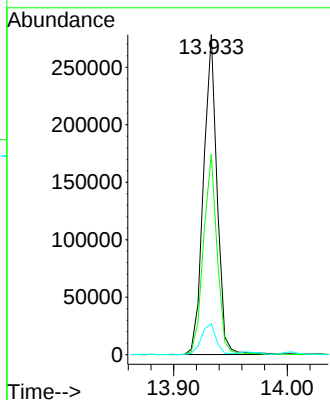
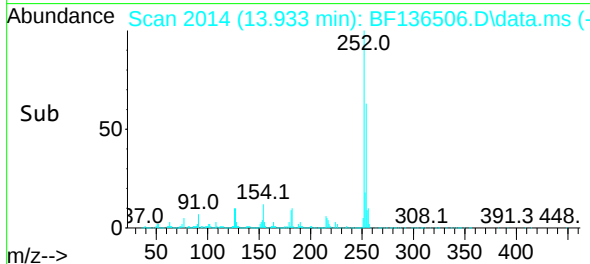


Tgt Ion:252 Resp: 231070
Ion Ratio Lower Upper
252 100
254 62.6 50.8 76.2
126 9.6 8.6 12.8

Manual Integrations

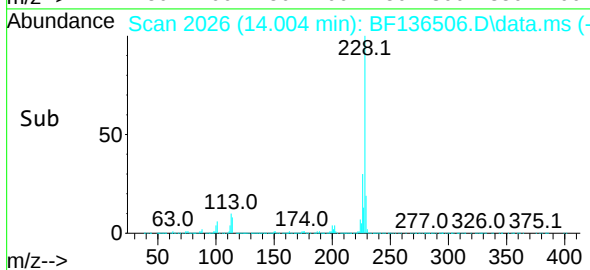
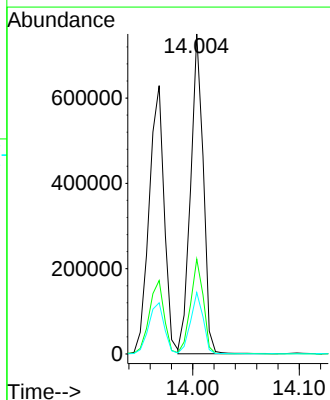
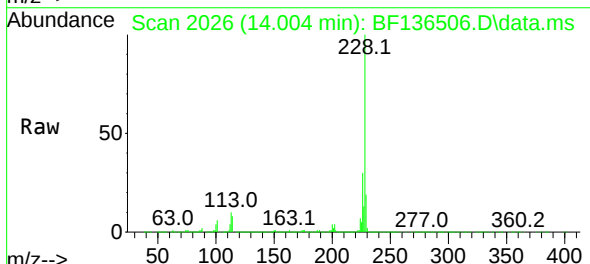
APPROVED

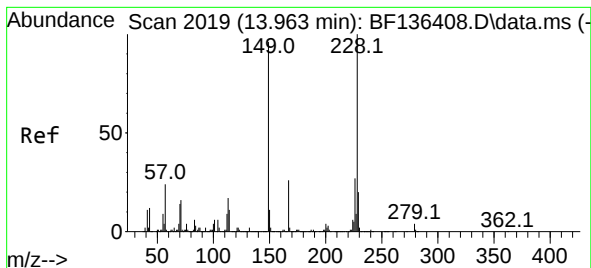
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#83
Chrysene
Concen: 39.498 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:228 Resp: 620004
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.6
229 19.2 14.8 22.2





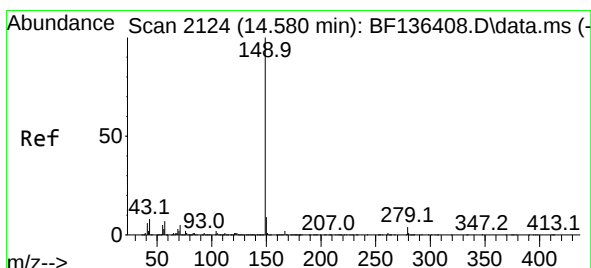
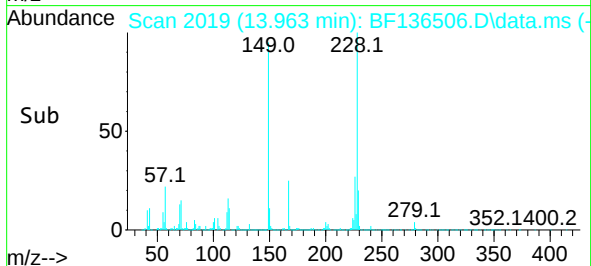
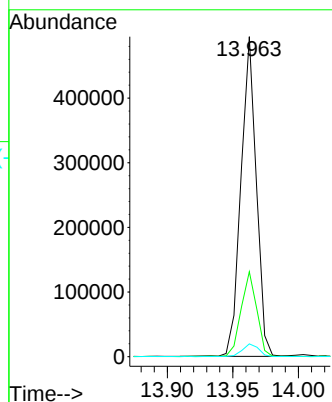
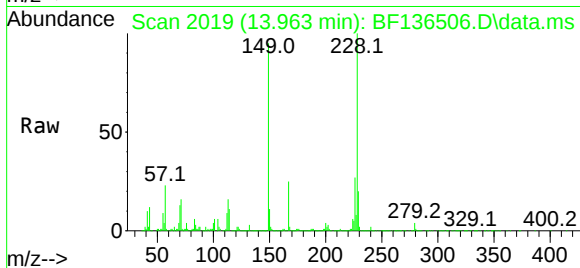
#84
Bis(2-ethylhexyl)phthalate
Concen: 41.358 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 40486
Ion Ratio Lower Upper
149 100
167 26.5 21.2 31.8
279 4.0 3.1 4.7

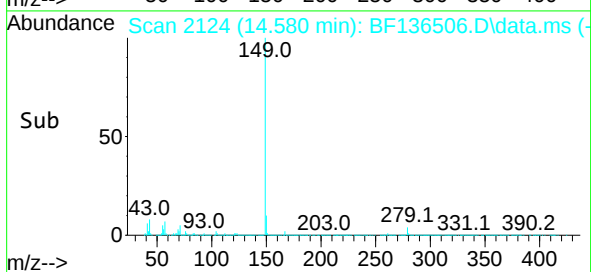
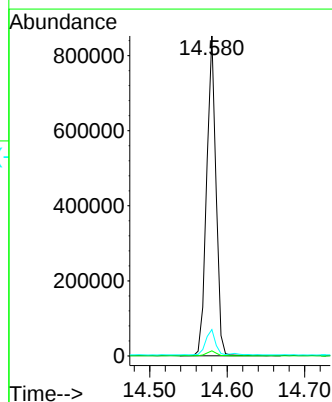
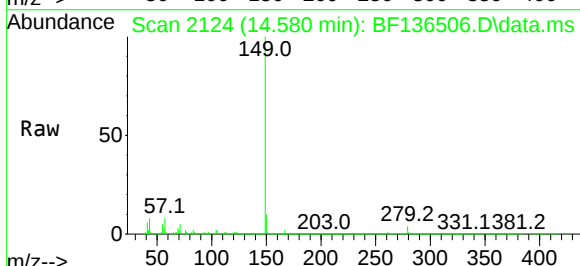
Manual Integrations
APPROVED

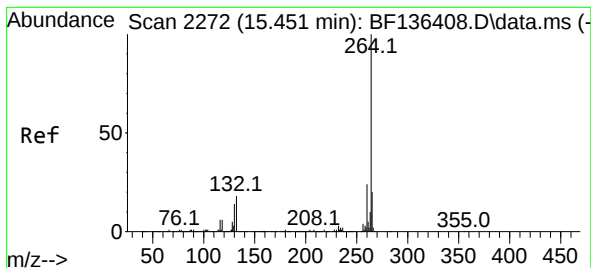
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#85
Di-n-octyl phthalate
Concen: 49.173 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:149 Resp: 711020
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

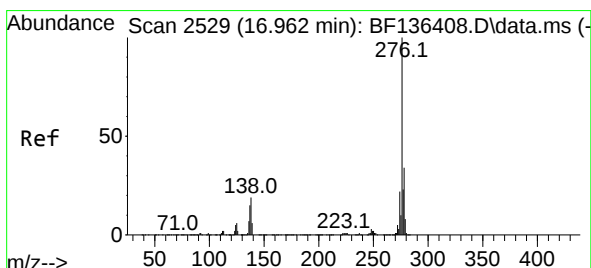
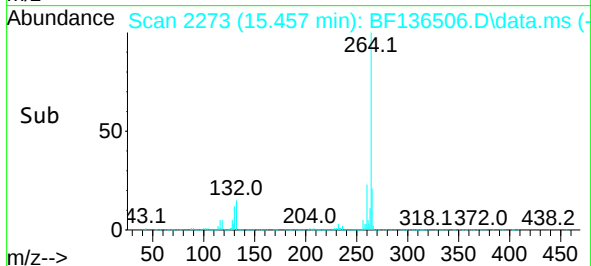
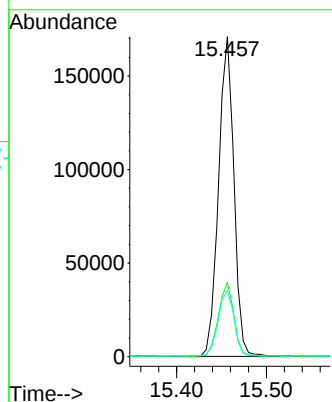
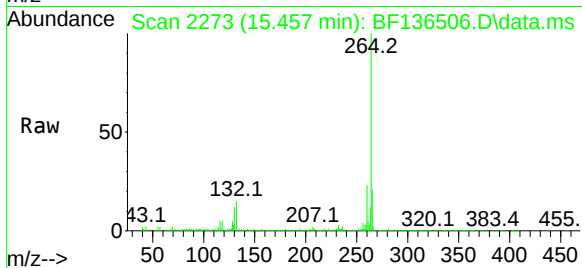
SSTDCCC040EC

Tgt Ion:264 Resp: 202962
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 20.6 15.9 23.9

Manual Integrations

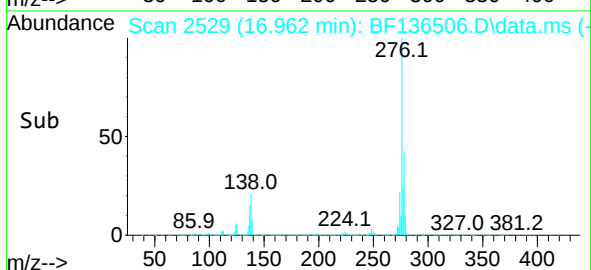
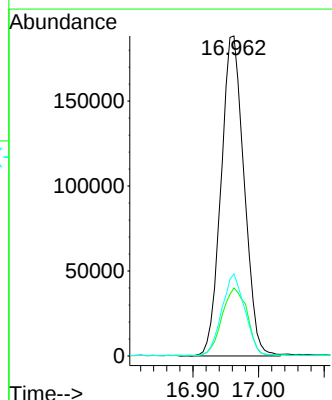
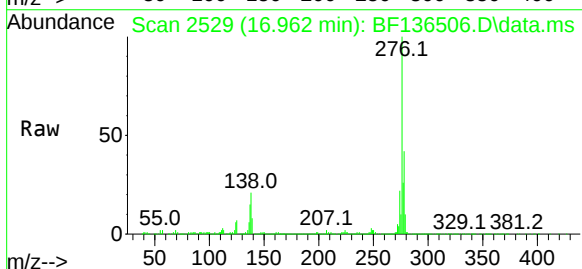
APPROVED

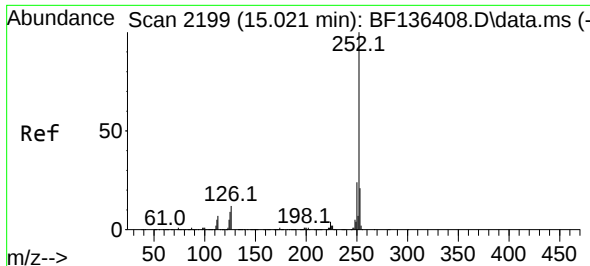
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 32.544 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

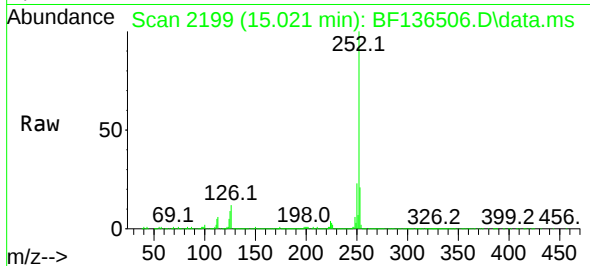
Tgt Ion:276 Resp: 458884
Ion Ratio Lower Upper
276 100
138 23.1 19.0 28.4
277 25.6 20.0 30.0





#88
Benzo(b)fluoranthene
Concen: 39.051 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

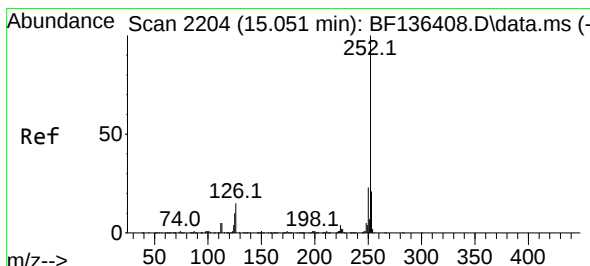
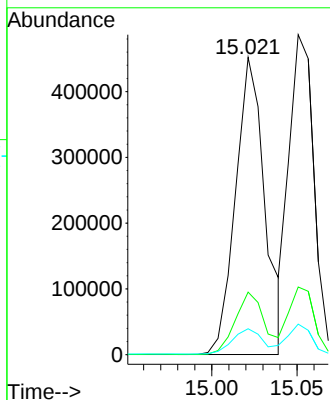
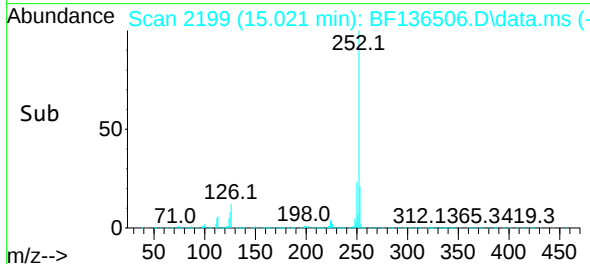
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:252 Resp: 541910
Ion Ratio Lower Upper
252 100
253 21.0 16.9 25.3
125 8.7 7.4 11.2

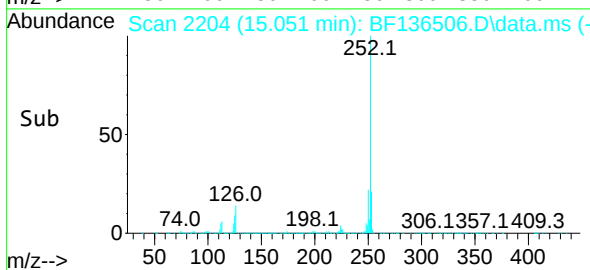
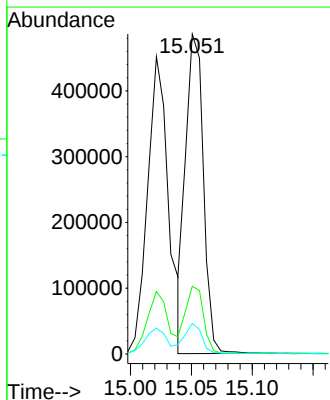
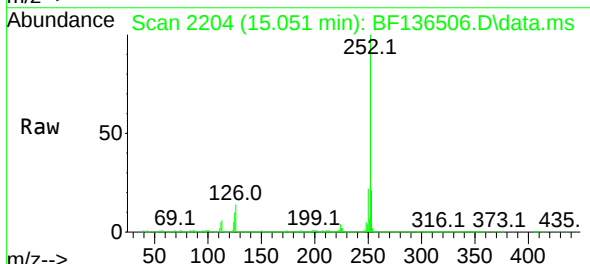
Manual Integrations
APPROVED

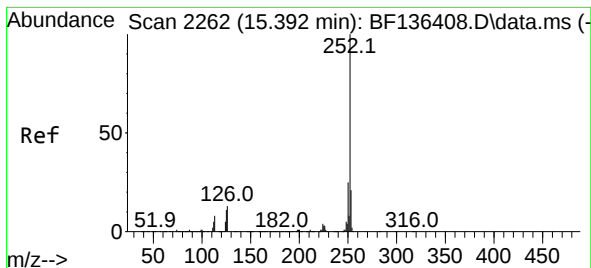
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#89
Benzo(k)fluoranthene
Concen: 37.770 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF136506.D
Acq: 11 Dec 2023 23:32

Tgt Ion:252 Resp: 493950
Ion Ratio Lower Upper
252 100
253 21.2 16.9 25.3
125 9.6 7.5 11.3





#90

Benzo(a)pyrene

Concen: 41.173 ng

RT: 15.392 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Instrument :

BNF_F

ClientSampleId :

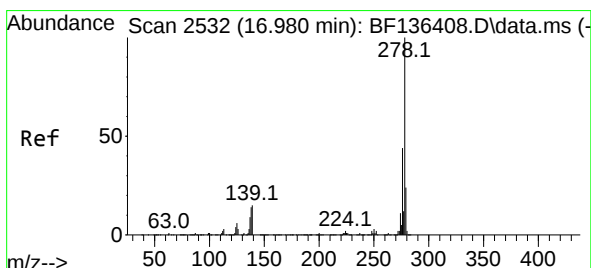
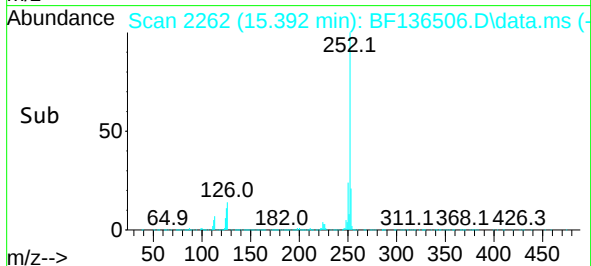
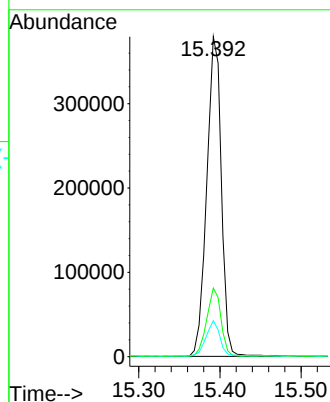
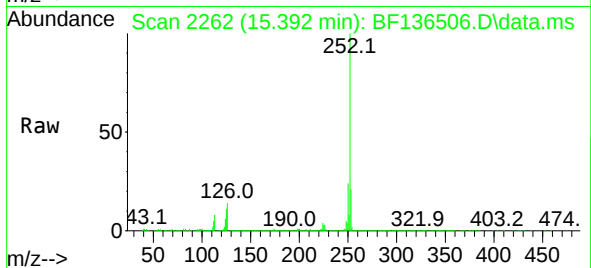
SSTDCCC040EC

Tgt Ion:252 Resp: 471852
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.0 25.4
 125 11.3 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#91

Dibenzo(a,h)anthracene

Concen: 33.430 ng

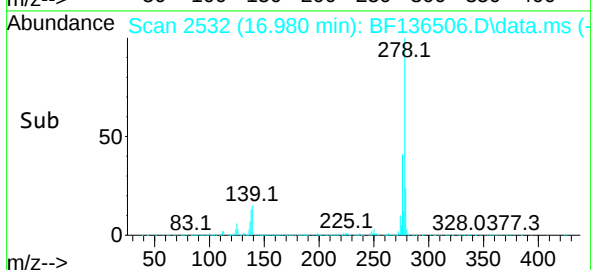
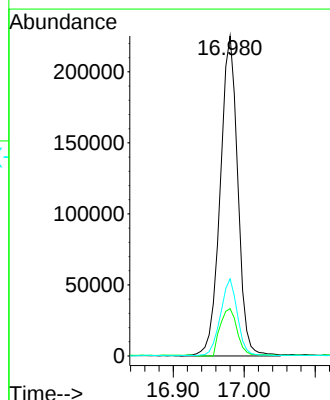
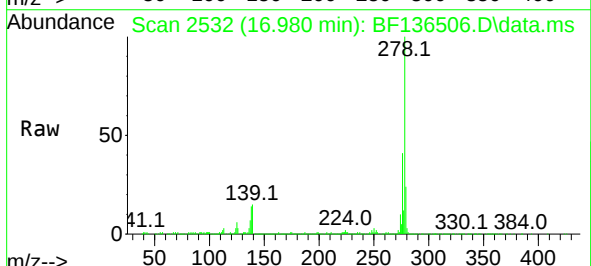
RT: 16.980 min Scan# 2532

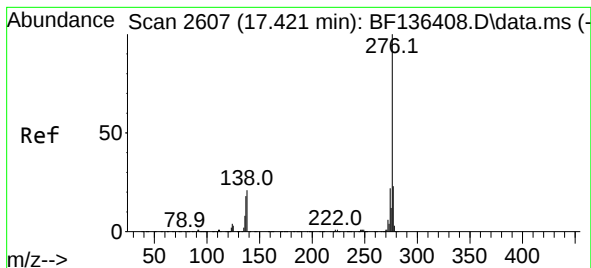
Delta R.T. -0.000 min

Lab File: BF136506.D

Acq: 11 Dec 2023 23:32

Tgt Ion:278 Resp: 386165
 Ion Ratio Lower Upper
 278 100
 139 14.8 12.2 18.4
 279 24.1 19.0 28.4





#92

Benzo(g,h,i)perylene

Concen: 30.470 ng

RT: 17.415 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136506.D

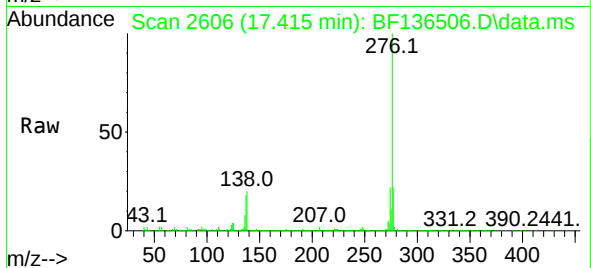
Acq: 11 Dec 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:276 Resp: 361260

Ion Ratio Lower Upper

276 100

277 22.5 18.7 28.1

138 19.6 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023

