

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136580.D
 Acq On : 14 Dec 2023 21:24
 Operator : CG\JU
 Sample : 05691-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-LINDENMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 15 00:38:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	113572	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	445911	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	215493	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	343898	20.000	ng	0.00
76) Chrysene-d12	13.968	240	234858	20.000	ng	0.00
86) Perylene-d12	15.445	264	274300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	742871	96.599	ng	0.02
7) Phenol-d6	6.445	99	927328	96.649	ng	0.01
23) Nitrobenzene-d5	7.351	82	564622	68.452	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	246526	92.782	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1127699	71.406	ng	0.00
79) Terphenyl-d14	12.910	244	1006419	56.481	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	106008	34.851	ng	97
3) Pyridine	3.387	79	261491	35.499	ng	93
4) n-Nitrosodimethylamine	3.351	42	124441	38.884	ng	97
6) Aniline	6.457	93	332459	34.286	ng	# 28
8) 2-Chlorophenol	6.581	128	344176	40.995	ng	97
9) Benzaldehyde	6.339	77	117073	21.516	ng	98
10) Phenol	6.457	94	400602	39.237	ng	84
11) bis(2-Chloroethyl)ether	6.528	93	310484	40.798	ng	97
12) 1,3-Dichlorobenzene	6.728	146	363009	38.448	ng	98
13) 1,4-Dichlorobenzene	6.804	146	367218	38.341	ng	98
14) 1,2-Dichlorobenzene	6.957	146	347386	38.571	ng	98
15) Benzyl Alcohol	6.939	79	273385	42.550	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	361306	36.914	ng	93
17) 2-Methylphenol	7.051	107	267379	39.421	ng	93
18) Hexachloroethane	7.292	117	128122	38.315	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	215769	38.984	ng	99
20) 3+4-Methylphenols	7.204	107	328823	39.058	ng	90
22) Acetophenone	7.198	105	474936	43.132	ng	# 96
24) Nitrobenzene	7.375	77	329965	39.766	ng	94
25) Isophorone	7.610	82	602852	40.681	ng	98
26) 2-Nitrophenol	7.686	139	181873	44.584	ng	93
27) 2,4-Dimethylphenol	7.728	122	254534	50.603	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	382382	41.992	ng	98
29) 2,4-Dichlorophenol	7.933	162	276927	41.710	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	314522	40.626	ng	98
31) Naphthalene	8.092	128	989637	40.245	ng	99
32) Benzoic acid	7.857	122	144187	28.896	ng	96
33) 4-Chloroaniline	8.139	127	213103	24.308	ng	99
34) Hexachlorobutadiene	8.204	225	183044	39.895	ng	98
35) Caprolactam	8.516	113	77937m	38.119	ng	
36) 4-Chloro-3-methylphenol	8.633	107	276534	39.227	ng	98
37) 2-Methylnaphthalene	8.780	142	623852	39.878	ng	93
38) 1-Methylnaphthalene	8.880	142	600082	39.090	ng	97
40) 1,2,4,5-Tetrachloroben...	8.945	216	308781	46.057	ng	99
41) Hexachlorocyclopentadiene	8.933	237	230361	92.747	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	186384	42.696	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	192625	39.536	ng	93
46) 1,1'-Biphenyl	9.245	154	817254	44.570	ng	97
47) 2-Chloronaphthalene	9.269	162	599738	42.024	ng	97
48) 2-Nitroaniline	9.369	65	159112	41.569	ng	97
49) Acenaphthylene	9.686	152	904232	44.477	ng	99
50) Dimethylphthalate	9.551	163	691070	43.559	ng	98
51) 2,6-Dinitrotoluene	9.616	165	148121	41.499	ng	97
52) Acenaphthene	9.857	154	540672	41.502	ng	95
53) 3-Nitroaniline	9.786	138	116050	31.840	ng	97
54) 2,4-Dinitrophenol	9.892	184	92907	51.483	ng	97
55) Dibenzofuran	10.033	168	803975	42.244	ng	98
56) 4-Nitrophenol	9.963	139	188282	68.909	ng	94
57) 2,4-Dinitrotoluene	10.022	165	189980	40.236	ng	97
58) Fluorene	10.374	166	604764	39.585	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	152223	39.005	ng	98
60) Diethylphthalate	10.251	149	642879	41.208	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	304313	40.860	ng	95
62) 4-Nitroaniline	10.398	138	123665	34.170	ng	96
63) Azobenzene	10.527	77	543284	38.259	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	72646	34.109	ng	92
66) n-Nitrosodiphenylamine	10.492	169	525478	47.619	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	181508	45.396	ng	# 90
68) Hexachlorobenzene	10.922	284	211751	45.822	ng	94
69) Atrazine	11.022	200	173969	55.236	ng	98
70) Pentachlorophenol	11.121	266	201046	77.084	ng	98
71) Phenanthrene	11.339	178	831332	43.981	ng	99
72) Anthracene	11.392	178	851385	44.719	ng	98
73) Carbazole	11.551	167	684317	40.611	ng	99
74) Di-n-butylphthalate	11.886	149	905963	43.857	ng	100
75) Fluoranthene	12.533	202	815274	41.158	ng	98
77) Benzidine	12.657	184	322147	50.794	ng	98
78) Pyrene	12.763	202	822391	35.754	ng	98
80) Butylbenzylphthalate	13.392	149	337114	41.172	ng	99
81) Benzo(a)anthracene	13.957	228	717263	43.844	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	248912	54.267	ng	99
83) Chrysene	13.998	228	692983	43.055	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	447480	44.580	ng	100
85) Di-n-octyl phthalate	14.568	149	769719	51.914	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	743245	39.003	ng	99
88) Benzo(b)fluoranthene	15.009	252	762156	40.638	ng	98
89) Benzo(k)fluoranthene	15.045	252	662463	37.481	ng	98
90) Benzo(a)pyrene	15.380	252	652796	42.147	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	622291	39.861	ng	100
92) Benzo(g,h,i)perylene	17.403	276	565973	35.321	ng	100

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

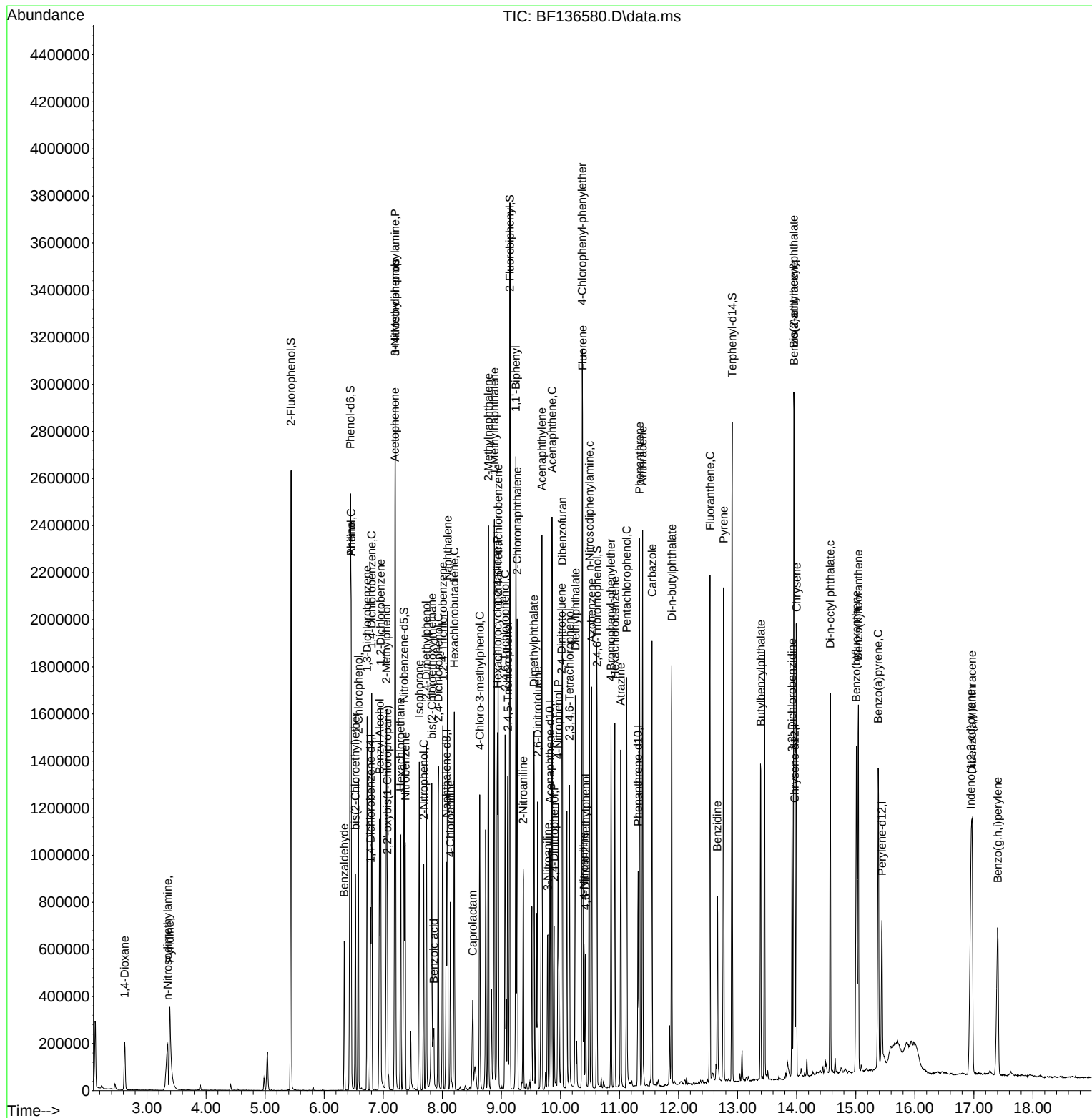
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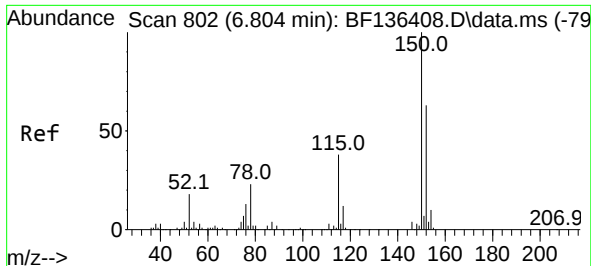
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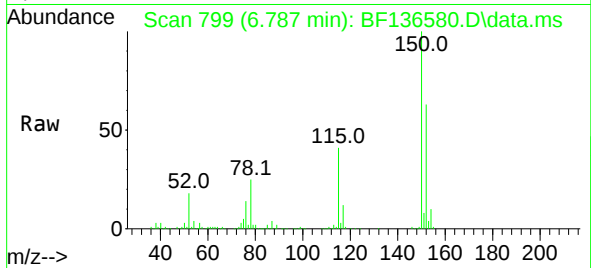
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

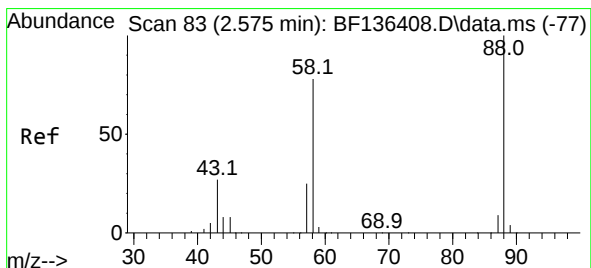
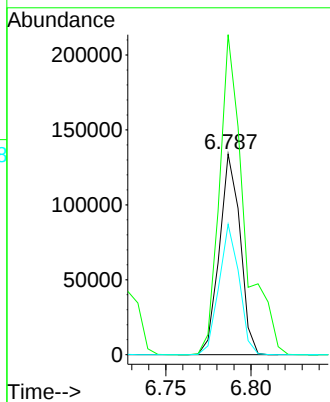
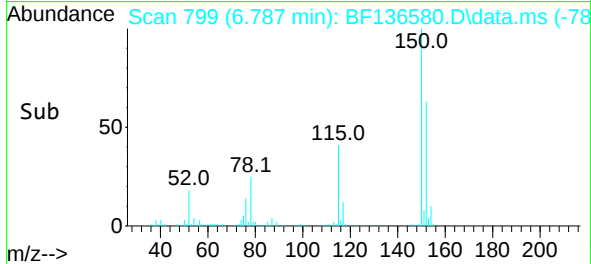
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



Tgt Ion:152 Resp: 113572
Ion Ratio Lower Upper
152 100
150 159.5 126.4 189.6
115 65.0 48.2 72.4

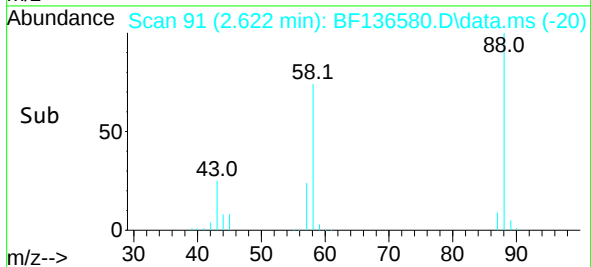
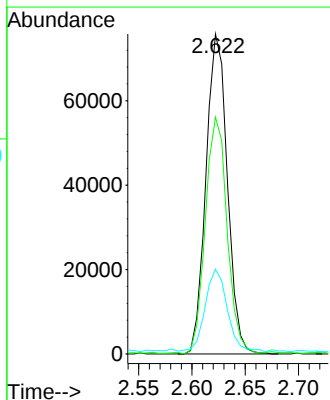
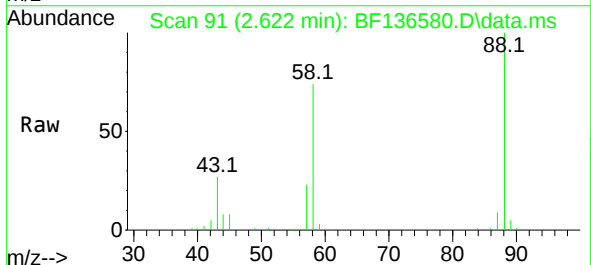
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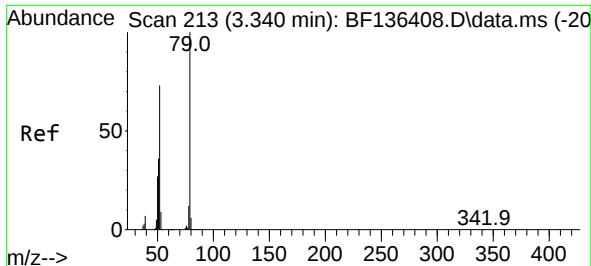
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#2
1,4-Dioxane
Concen: 34.851 ng
RT: 2.622 min Scan# 91
Delta R.T. 0.071 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Tgt Ion: 88 Resp: 106008
Ion Ratio Lower Upper
88 100
58 74.6 62.2 93.2
43 26.8 21.5 32.3





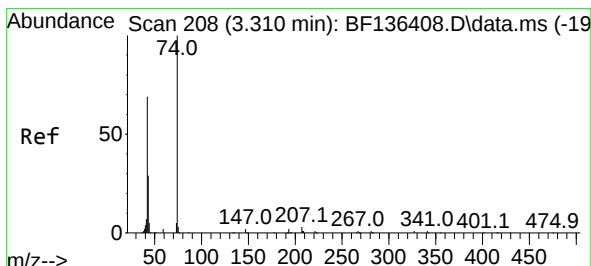
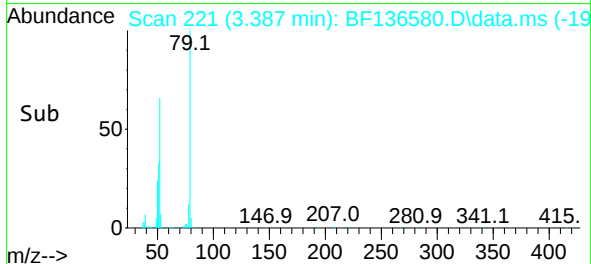
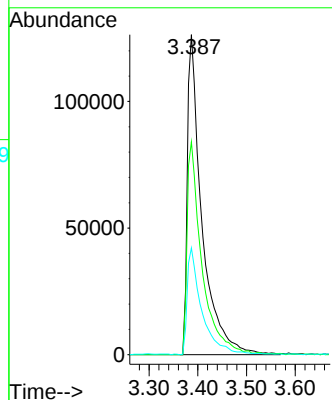
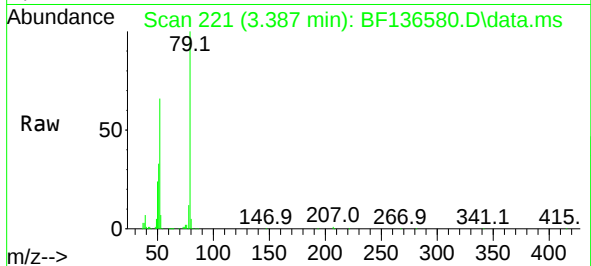
#3
Pyridine
Concen: 35.499 ng
RT: 3.387 min Scan# 213
Delta R.T. 0.076 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD

Tgt Ion: 79 Resp: 26149
Ion Ratio Lower Upper
79 100
52 66.5 58.2 87.2
51 33.3 29.1 43.7

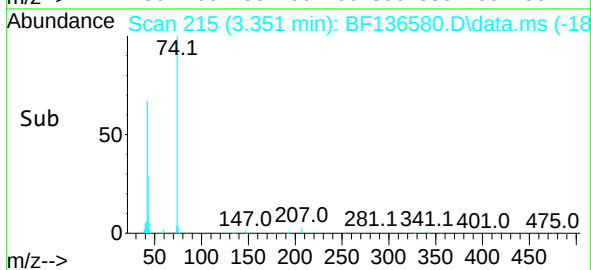
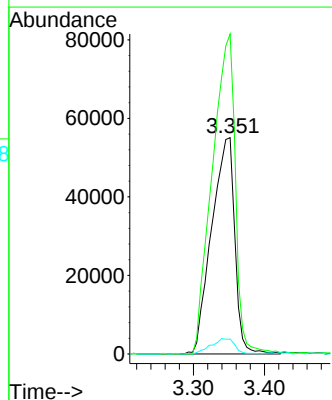
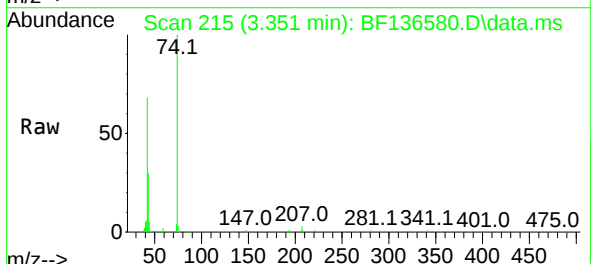
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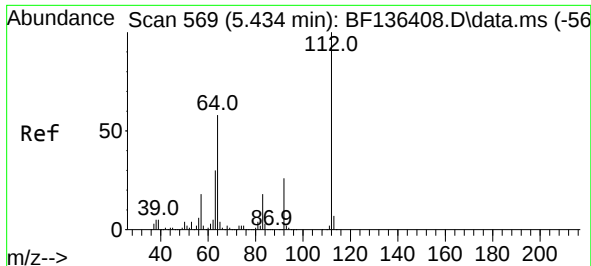
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#4
n-Nitrosodimethylamine
Concen: 38.884 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.065 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Tgt Ion: 42 Resp: 124441
Ion Ratio Lower Upper
42 100
74 147.9 115.4 173.0
44 6.9 6.2 9.2





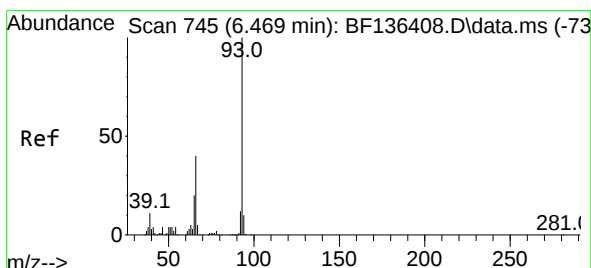
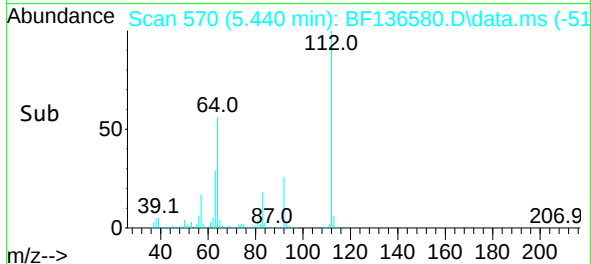
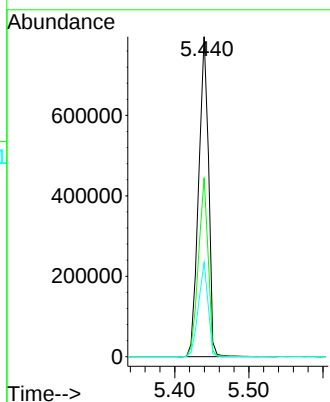
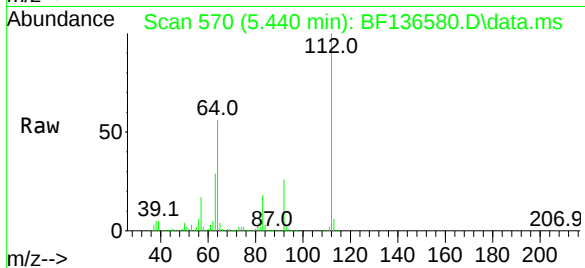
#5
2-Fluorophenol
Concen: 96.599 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Instrument :
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ClientSampleId :
SP-LINDENMSD

Tgt Ion: 112 Resp: 74287
Ion Ratio Lower Upper
112 100
64 56.0 46.5 69.7
63 29.5 23.9 35.9

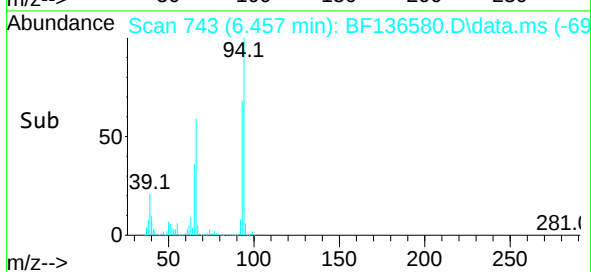
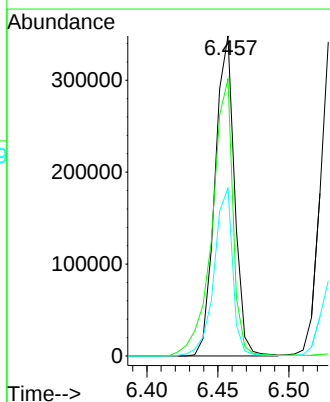
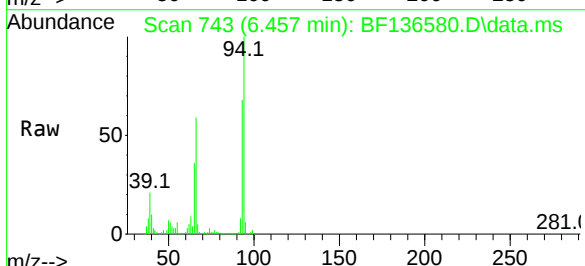
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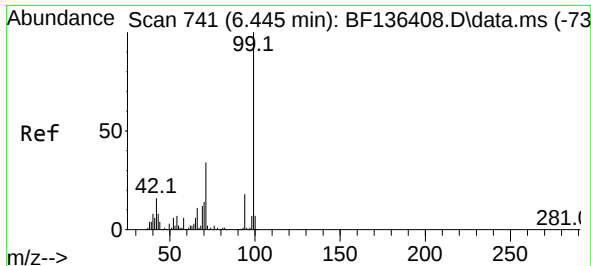
Reviewed By :Yogesh Patel 12/15/2023
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#6
Aniline
Concen: 34.286 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

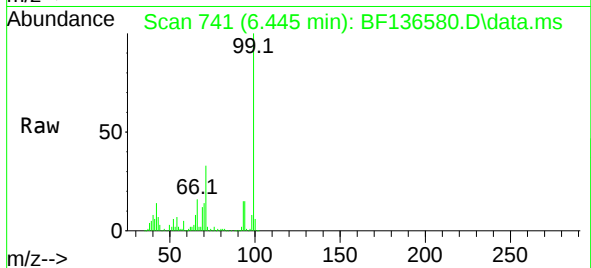
Tgt Ion: 93 Resp: 332459
Ion Ratio Lower Upper
93 100
66 86.5 32.5 48.7#
65 52.4 16.4 24.6#





#7
Phenol-d6
Concen: 96.649 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

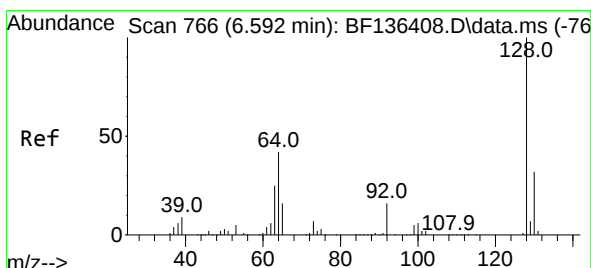
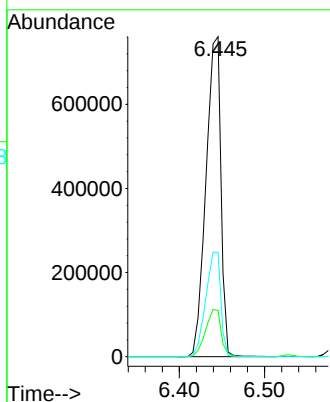
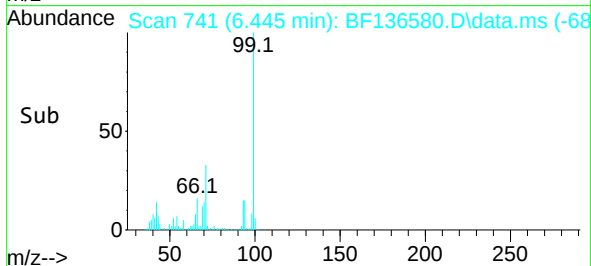
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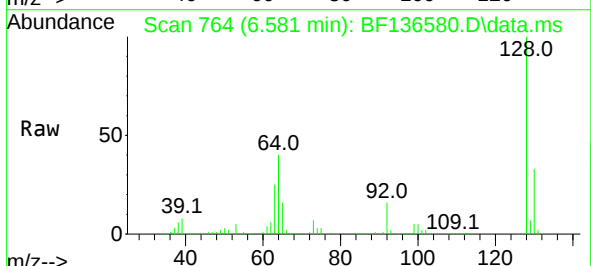
Tgt Ion: 99 Resp: 927328
Ion Ratio Lower Upper
99 100
42 14.5 12.8 19.2
71 32.5 27.0 40.4

Manual Integrations
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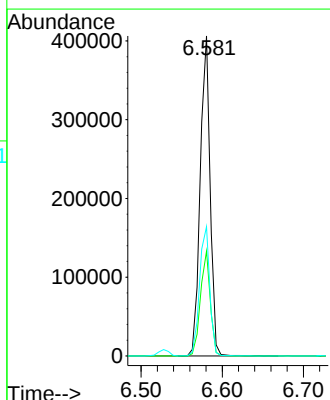
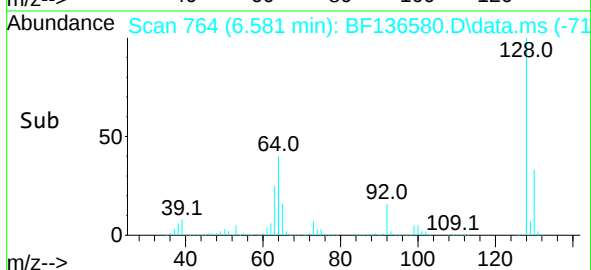
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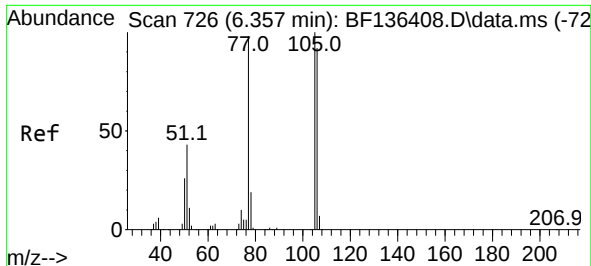


#8
2-Chlorophenol
Concen: 40.995 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



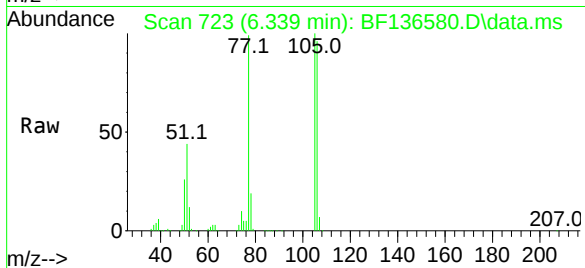
Tgt Ion:128 Resp: 344176
Ion Ratio Lower Upper
128 100
130 32.8 11.7 51.7
64 40.4 22.5 62.5





#9
Benzaldehyde
Concen: 21.516 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136580.D
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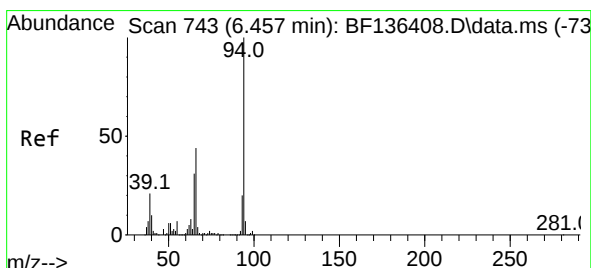
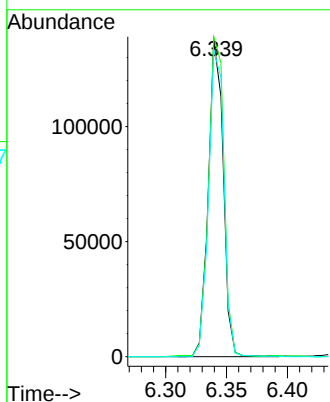
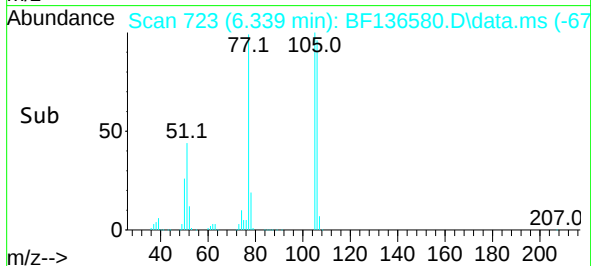
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ClientSampleId :
SP-LINDENMSD



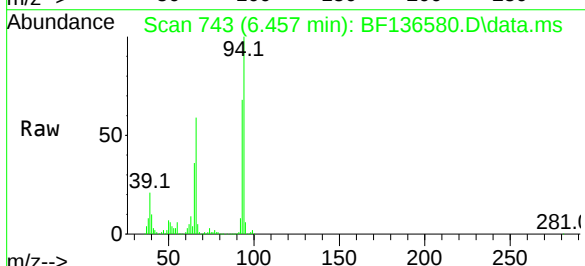
Tgt Ion: 77 Resp: 11707
Ion Ratio Lower Upper
77 100
105 101.1 82.5 122.5
106 96.9 74.5 114.5

Manual Integrations
APPROVED

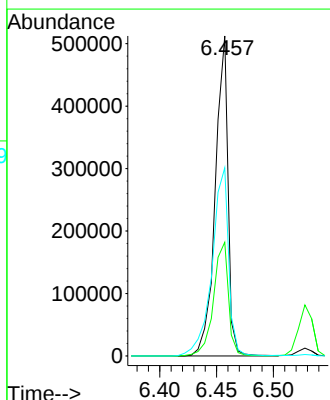
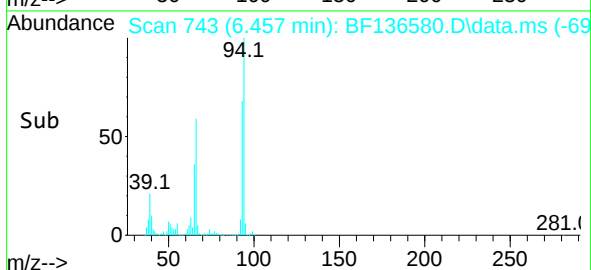
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

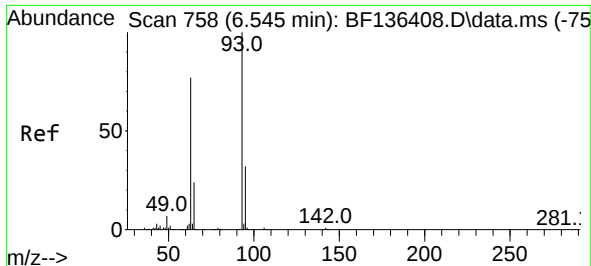


#10
Phenol
Concen: 39.237 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



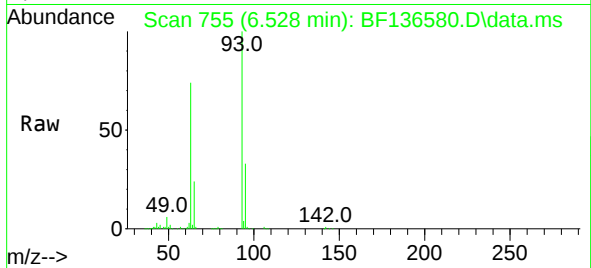
Tgt Ion: 94 Resp: 400602
Ion Ratio Lower Upper
94 100
65 35.6 11.2 51.2
66 58.8 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 40.798 ng
RT: 6.528 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

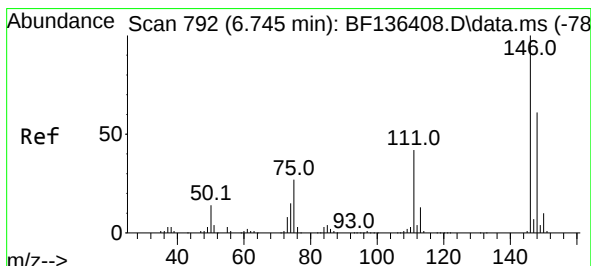
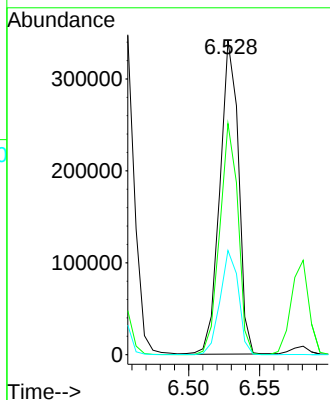
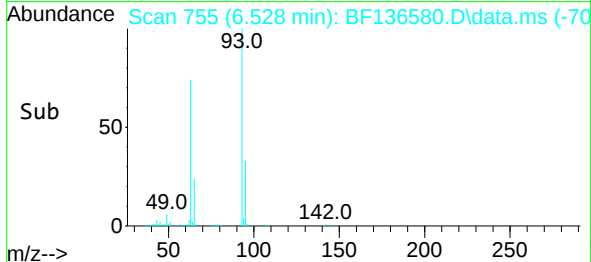
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



Tgt Ion: 93 Resp: 310484
Ion Ratio Lower Upper
93 100
63 73.6 56.8 96.8
95 33.2 11.8 51.8

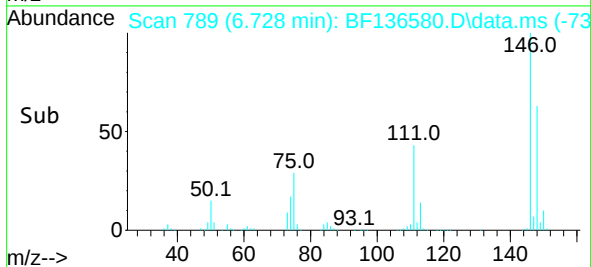
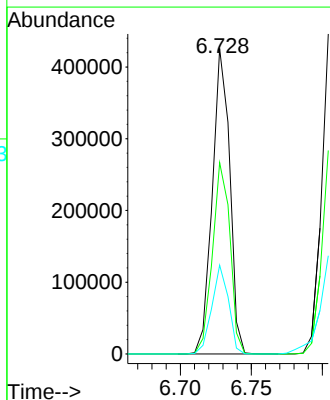
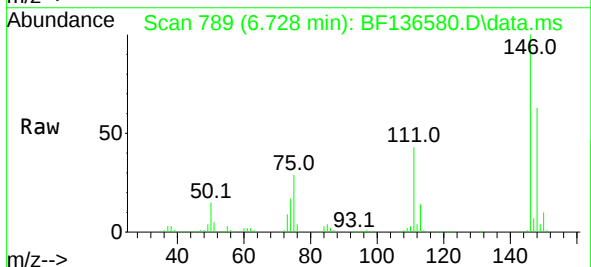
Manual Integrations
APPROVED

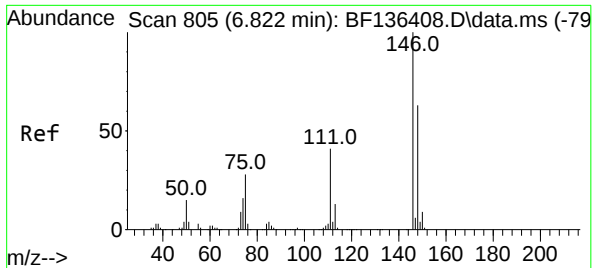
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#12
1,3-Dichlorobenzene
Concen: 38.448 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Tgt Ion:146 Resp: 363009
Ion Ratio Lower Upper
146 100
148 62.6 49.0 73.6
75 29.1 21.8 32.6





#13
1,4-Dichlorobenzene
Concen: 38.341 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

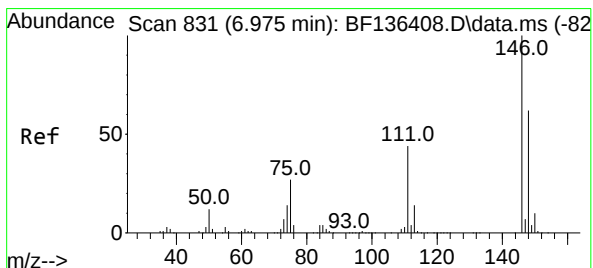
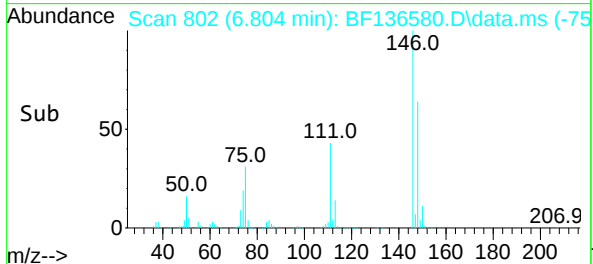
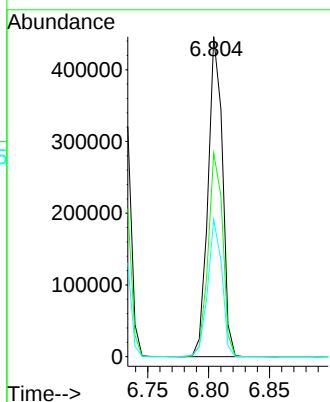
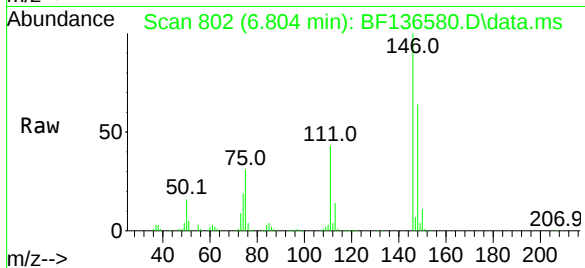
ClientSampleId :

SP-LINDENMSD

Tgt Ion:146 Resp: 367218
Ion Ratio Lower Upper
146 100
148 63.6 50.3 75.5
111 42.9 32.6 49.0

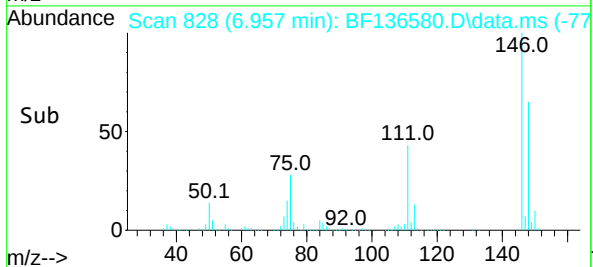
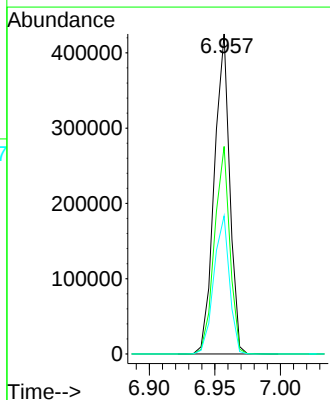
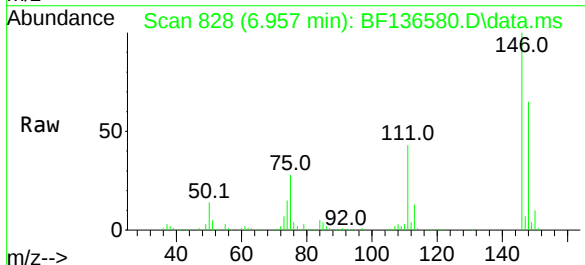
Manual Integrations
APPROVED

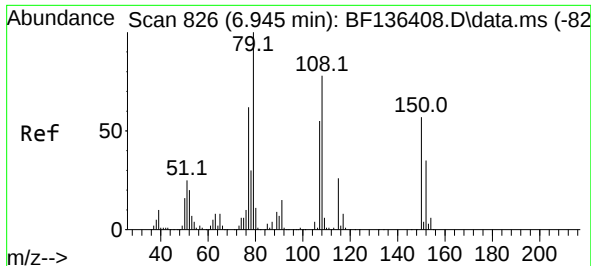
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#14
1,2-Dichlorobenzene
Concen: 38.571 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

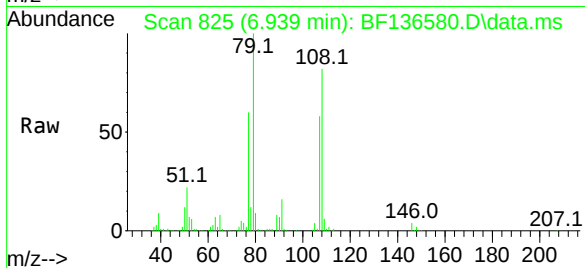
Tgt Ion:146 Resp: 347386
Ion Ratio Lower Upper
146 100
148 64.8 49.8 74.6
111 43.1 34.9 52.3





#15
Benzyl Alcohol
Concen: 42.550 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

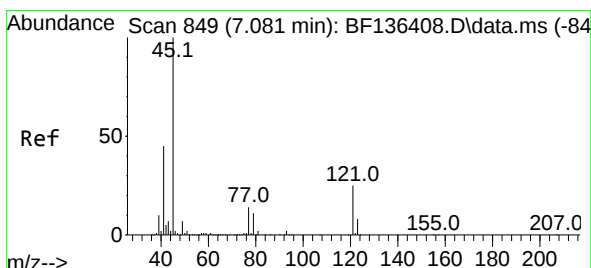
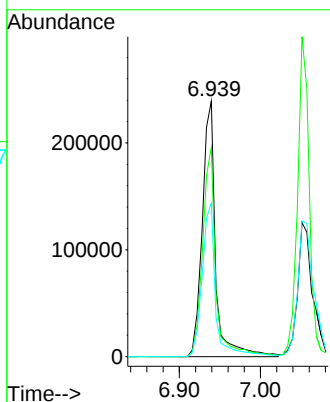
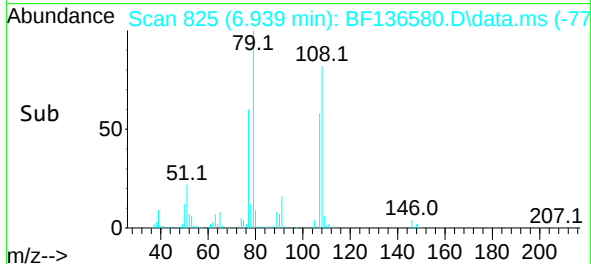
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



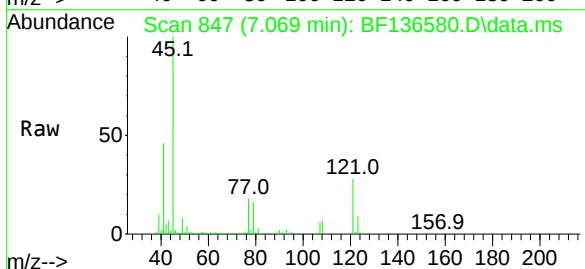
Tgt Ion: 79 Resp: 27338
Ion Ratio Lower Upper
79 100
108 81.8 62.3 93.5
77 60.1 49.8 74.8

Manual Integrations
APPROVED

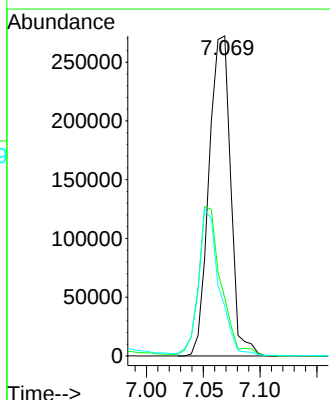
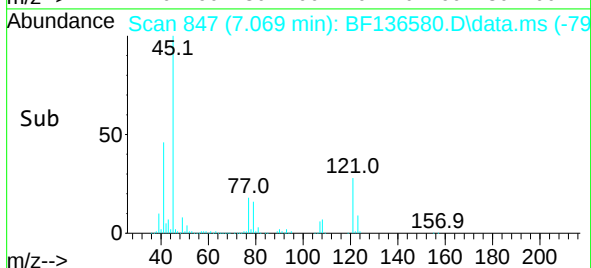
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

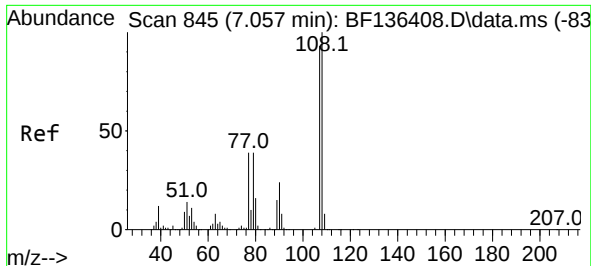


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.914 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



Tgt Ion: 45 Resp: 361306
Ion Ratio Lower Upper
45 100
77 18.2 0.0 35.3
79 15.6 0.0 32.5





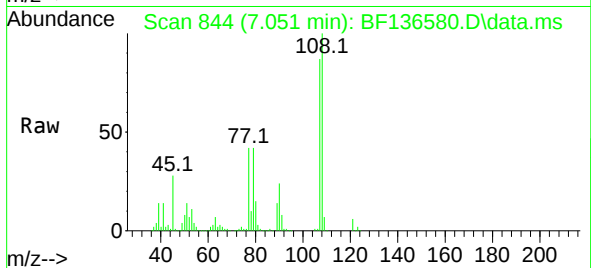
#17
2-Methylphenol
Concen: 39.421 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMSD

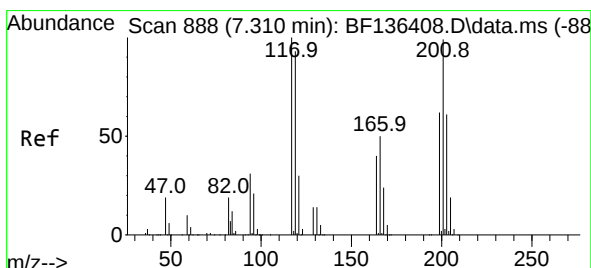
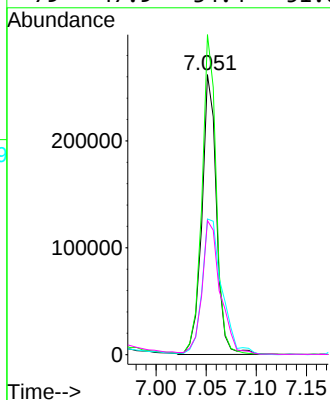
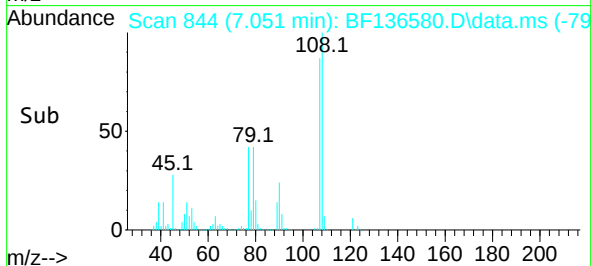


Tgt Ion:107 Resp: 267379
Ion Ratio Lower Upper
107 100
108 114.3 86.5 129.7
77 48.5 33.8 50.8
79 47.9 34.4 51.6

Manual Integrations

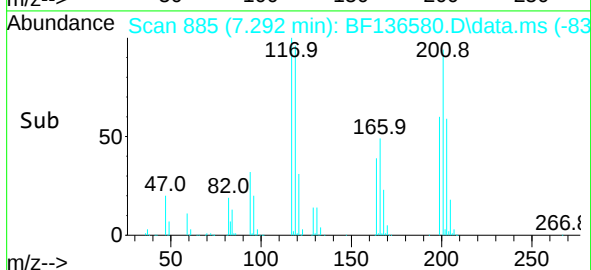
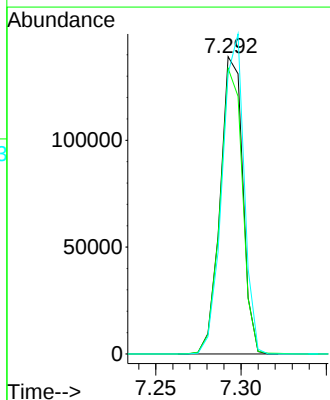
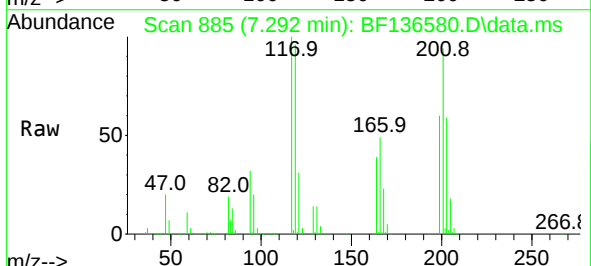
APPROVED

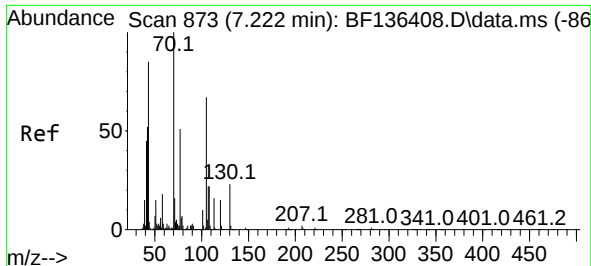
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#18
Hexachloroethane
Concen: 38.315 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Tgt Ion:117 Resp: 128122
Ion Ratio Lower Upper
117 100
119 96.0 74.3 111.5
201 94.4 79.3 118.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.984 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF136580.D

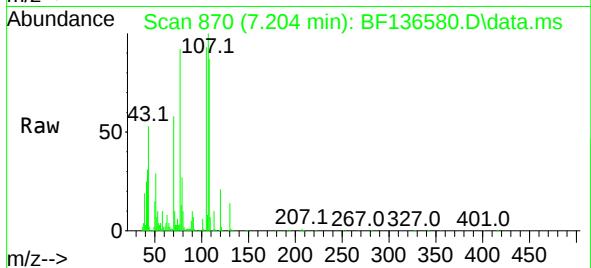
Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMSD



Tgt Ion: 70 Resp: 215769

Ion Ratio Lower Upper

70 100

42 52.2 41.4 62.0

101 10.6 8.2 12.4

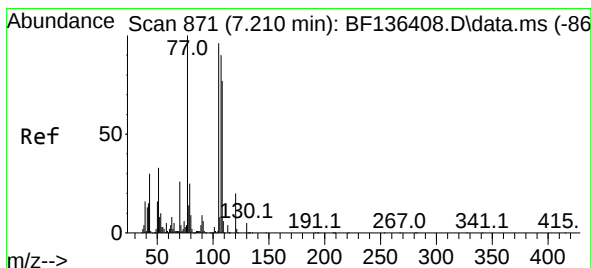
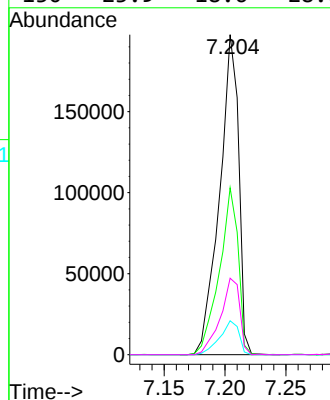
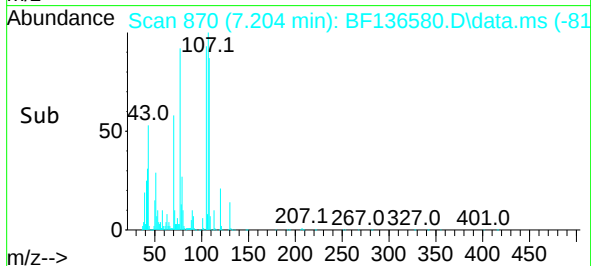
130 23.9 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#20

3+4-Methylphenols

Concen: 39.058 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.000 min

Lab File: BF136580.D

Acq: 14 Dec 2023 21:24

Tgt Ion:107 Resp: 328823

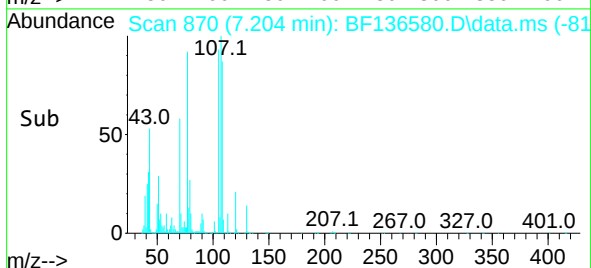
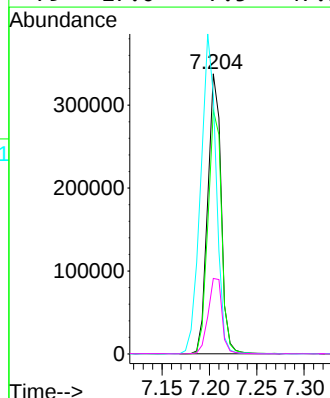
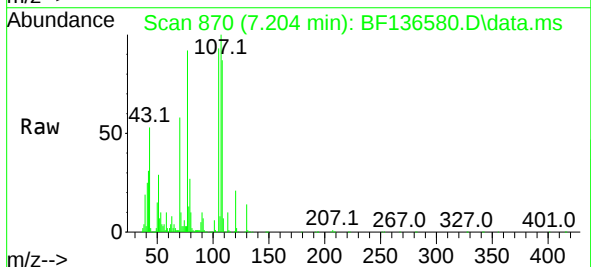
Ion Ratio Lower Upper

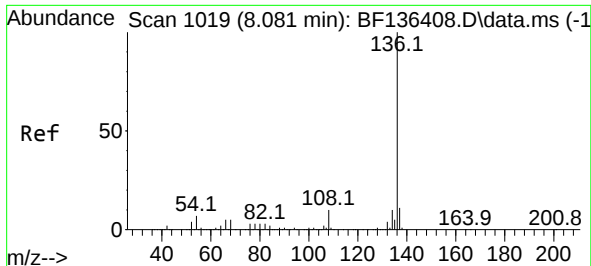
107 100

108 87.0 65.9 105.9

77 92.5 91.7 131.7

79 27.0 7.5 47.5





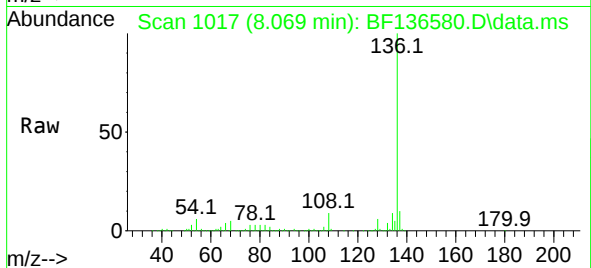
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMSD

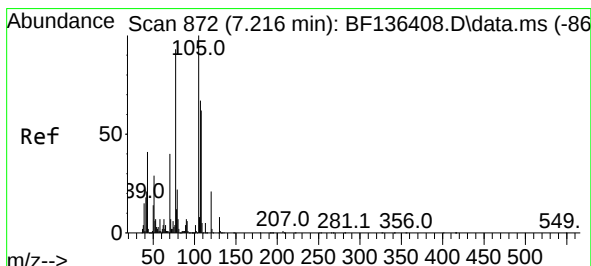
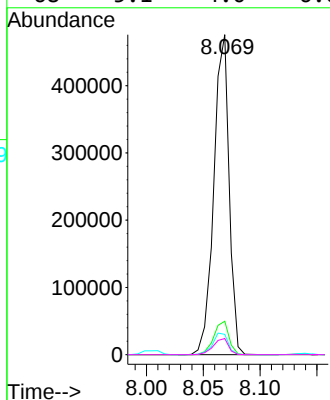
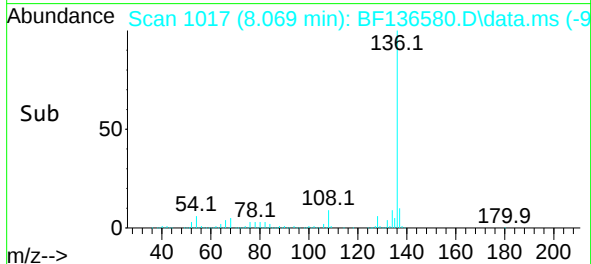


Tgt Ion:136 Resp: 445911
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.4 5.7 8.5
68 5.1 4.0 6.0

Manual Integrations

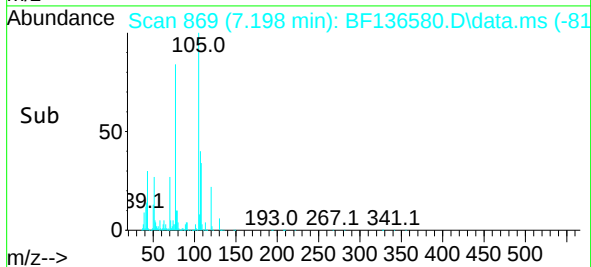
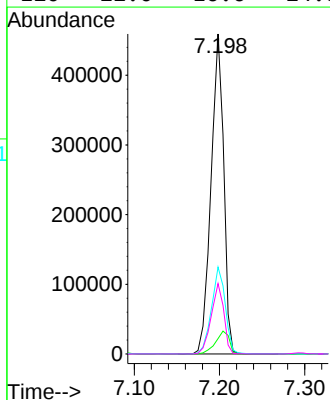
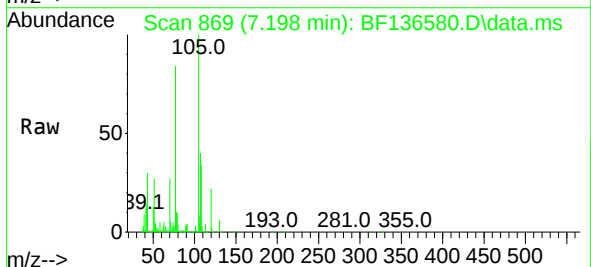
APPROVED

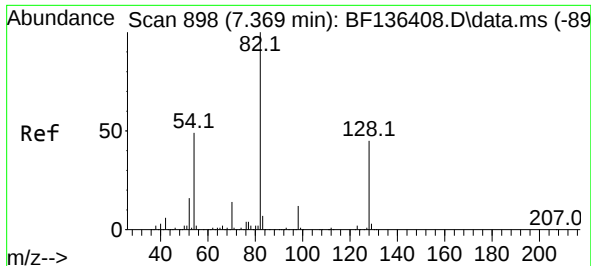
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#22
Acetophenone
Concen: 43.132 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Tgt Ion:105 Resp: 474936
Ion Ratio Lower Upper
105 100
71 4.8 5.4 8.0#
51 27.2 23.4 35.2
120 22.0 16.6 24.8





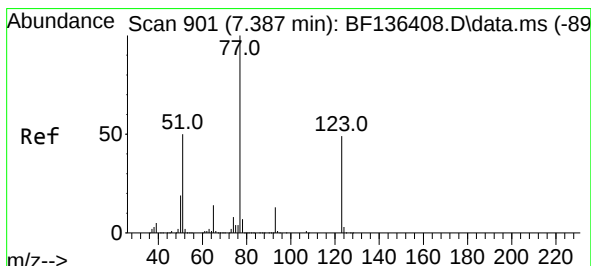
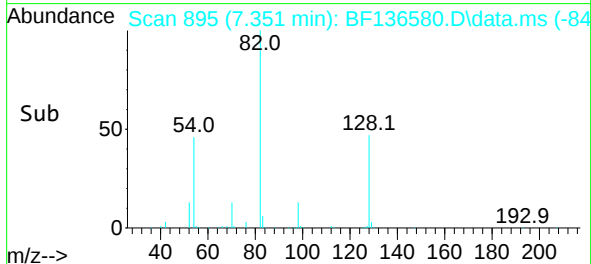
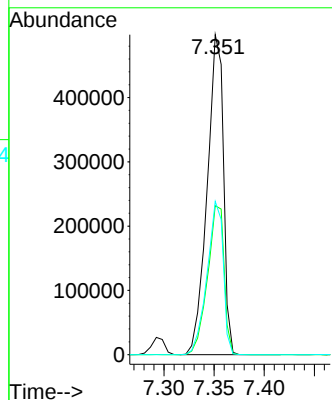
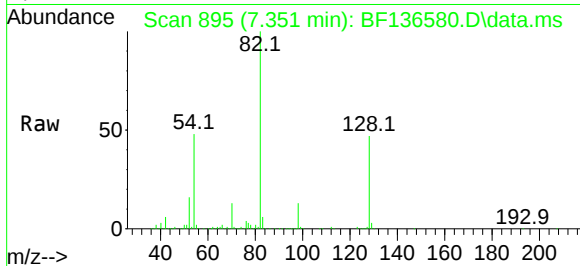
#23
Nitrobenzene-d5
Concen: 68.452 ng
RT: 7.351 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD

Tgt Ion: 82 Resp: 56462
Ion Ratio Lower Upper
82 100
128 46.5 36.3 54.5
54 47.9 39.0 58.6

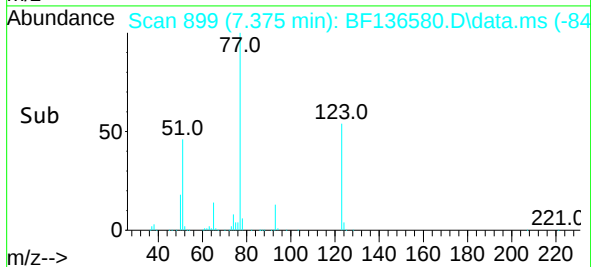
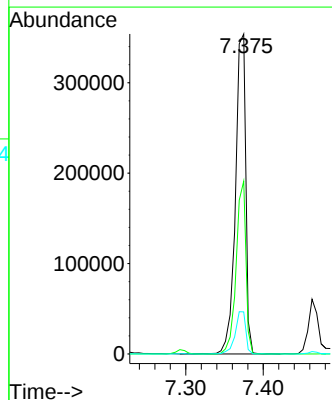
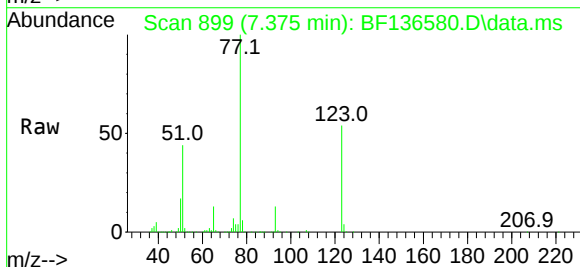
Manual Integrations
APPROVED

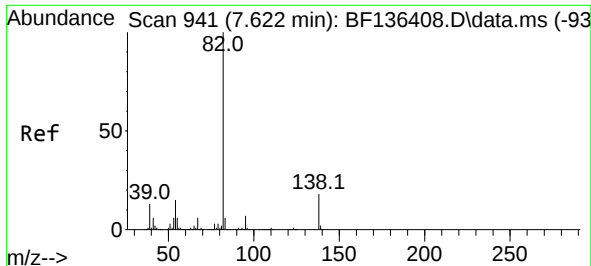
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#24
Nitrobenzene
Concen: 39.766 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

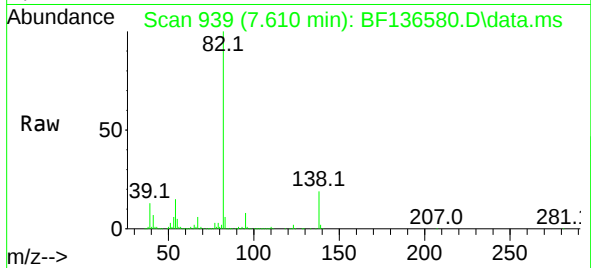
Tgt Ion: 77 Resp: 329965
Ion Ratio Lower Upper
77 100
123 54.0 39.0 58.6
65 13.2 11.3 16.9





#25
Isophorone
Concen: 40.681 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

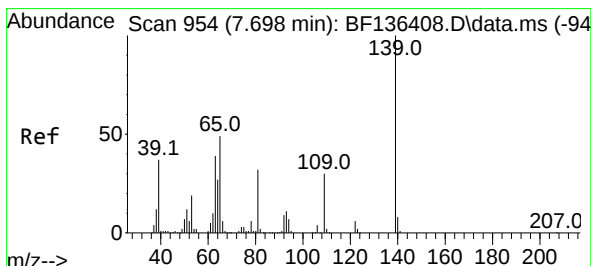
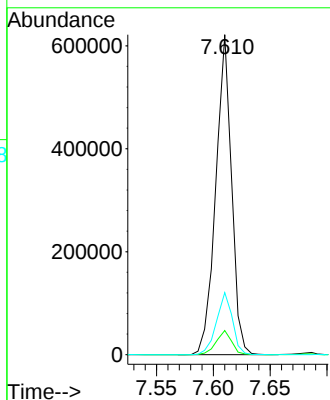
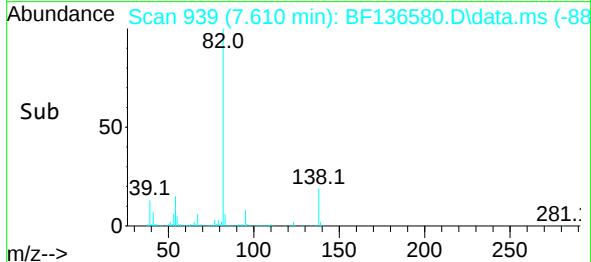
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



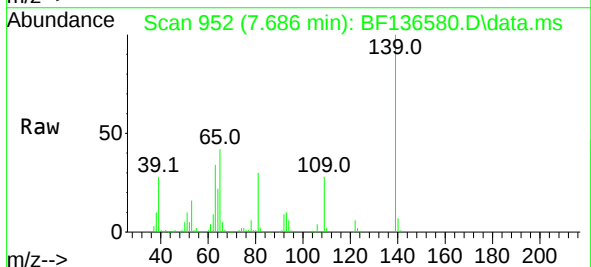
Tgt Ion: 82 Resp: 602852
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 19.4 14.5 21.7

Manual Integrations
APPROVED

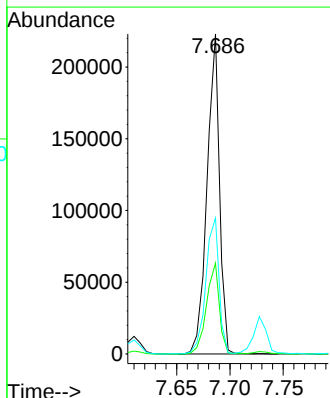
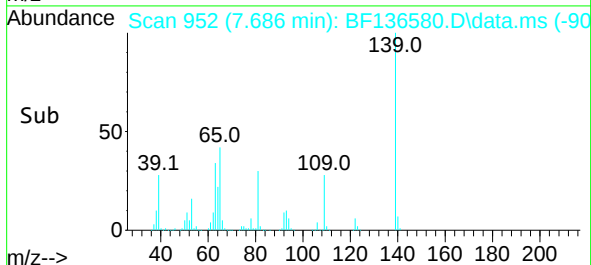
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

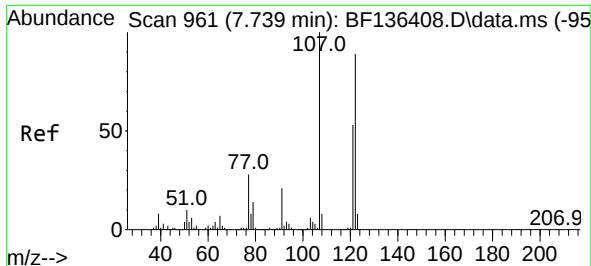


#26
2-Nitrophenol
Concen: 44.584 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



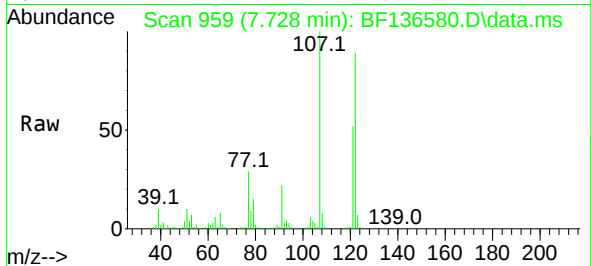
Tgt Ion:139 Resp: 181873
Ion Ratio Lower Upper
139 100
109 28.4 23.6 35.4
65 42.5 39.4 59.2





#27
2,4-Dimethylphenol
Concen: 50.603 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

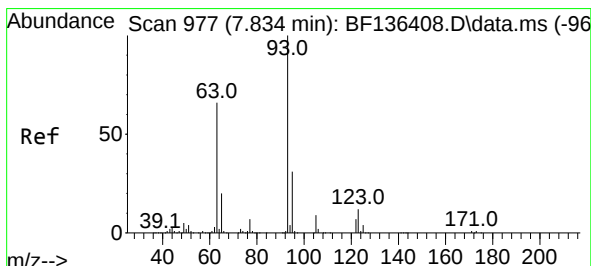
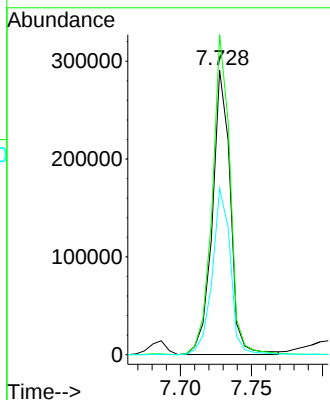
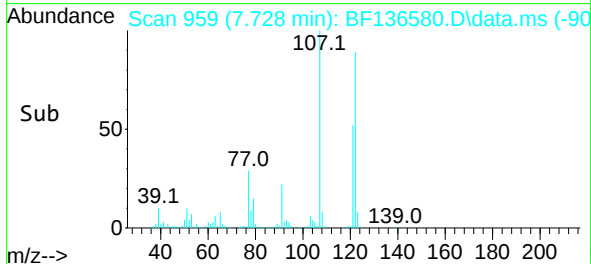
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



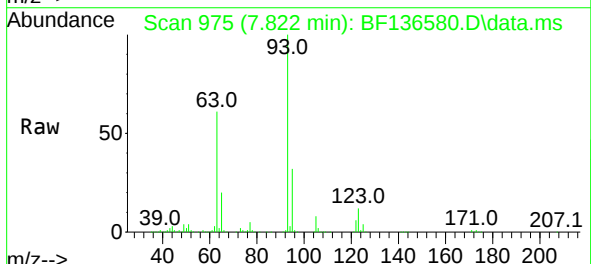
Tgt Ion:122 Resp: 254534
Ion Ratio Lower Upper
122 100
107 112.5 89.3 133.9
121 58.5 47.6 71.4

Manual Integrations
APPROVED

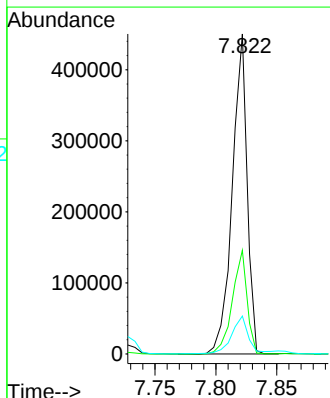
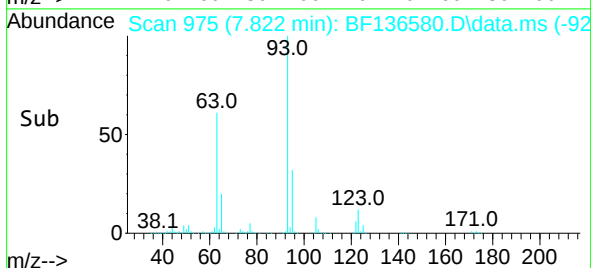
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

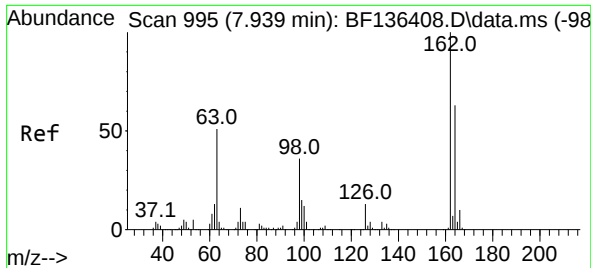


#28
bis(2-Chloroethoxy)methane
Concen: 41.992 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



Tgt Ion: 93 Resp: 382382
Ion Ratio Lower Upper
93 100
95 32.4 25.0 37.4
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.710 ng

RT: 7.933 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF136580.D

Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

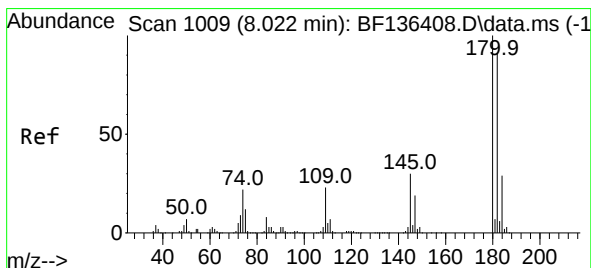
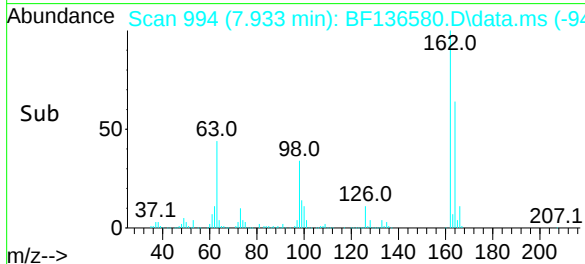
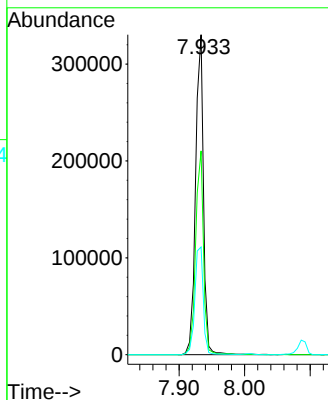
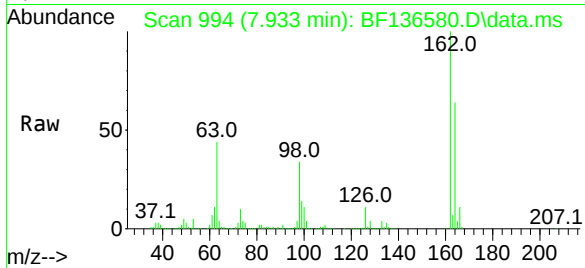
SP-LINDENMSD

Tgt Ion:162 Resp: 27692
 Ion Ratio Lower Upper
 162 100
 164 63.7 43.0 83.0
 98 33.6 16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.626 ng

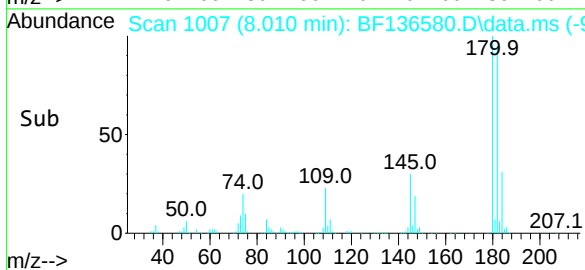
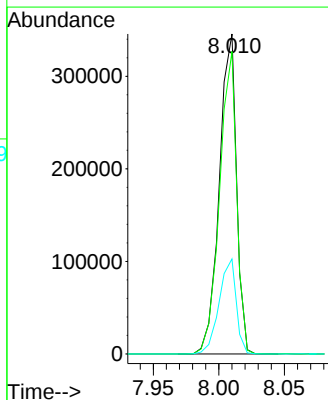
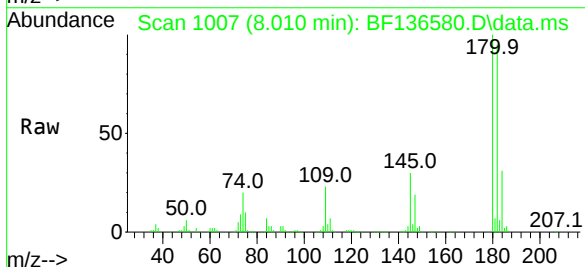
RT: 8.010 min Scan# 1007

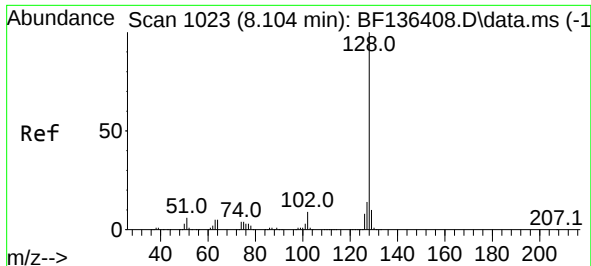
Delta R.T. -0.000 min

Lab File: BF136580.D

Acq: 14 Dec 2023 21:24

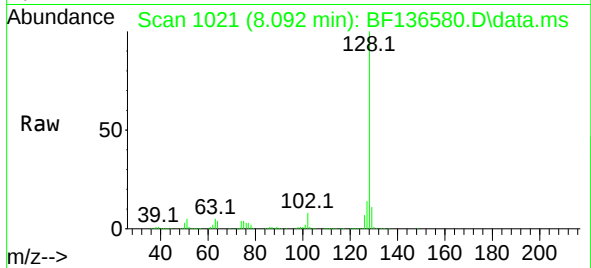
Tgt Ion:180 Resp: 314522
 Ion Ratio Lower Upper
 180 100
 182 94.5 73.1 109.7
 145 29.7 23.8 35.8





#31
Naphthalene
Concen: 40.245 ng
RT: 8.092 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

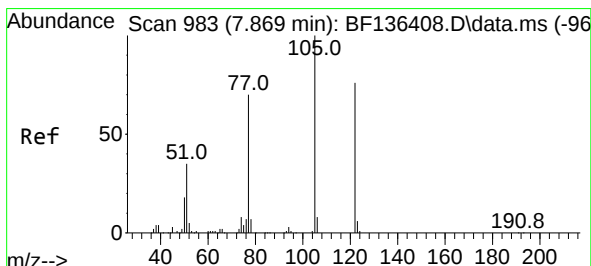
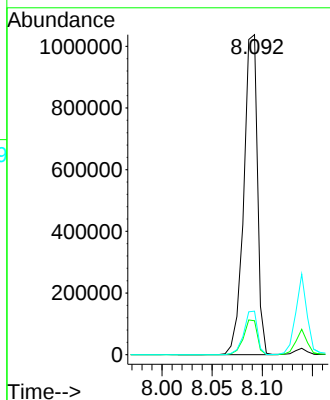
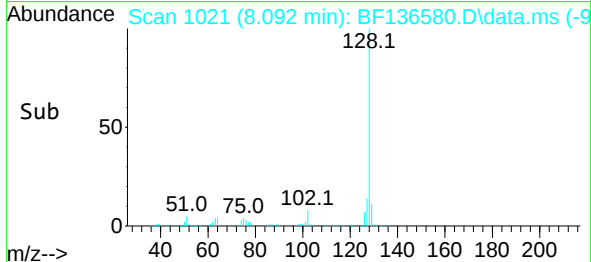
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



Tgt Ion:128 Resp: 98963
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.6 11.1 16.7

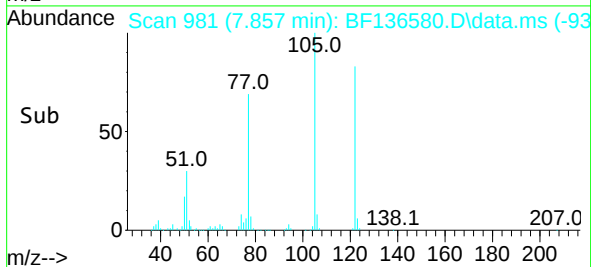
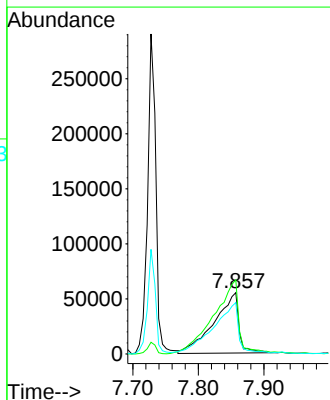
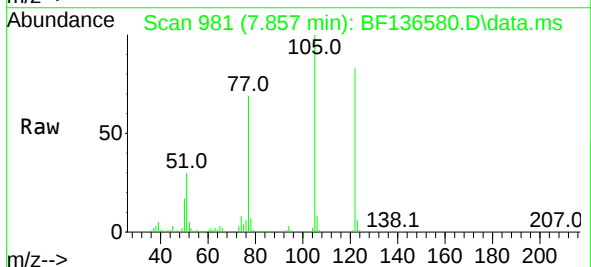
Manual Integrations
APPROVED

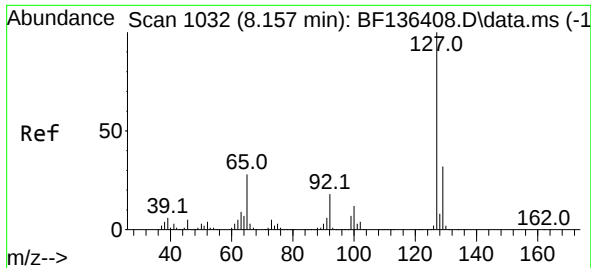
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#32
Benzoic acid
Concen: 28.896 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Tgt Ion:122 Resp: 144187
Ion Ratio Lower Upper
122 100
105 121.1 104.7 144.7
77 83.8 68.5 108.5





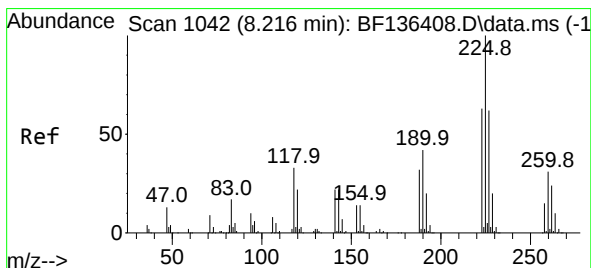
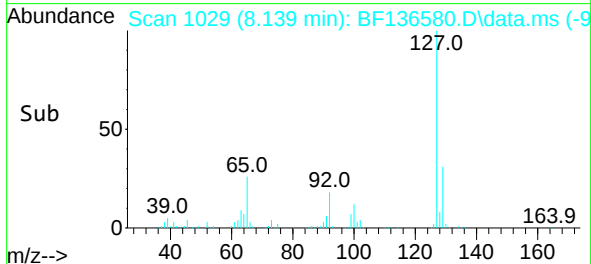
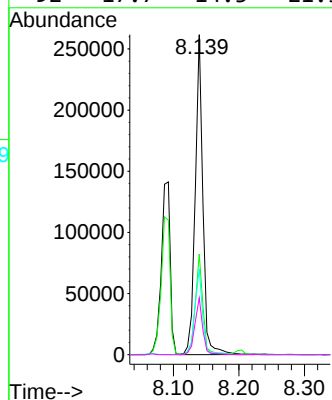
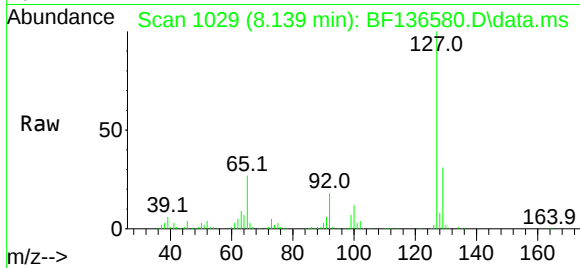
#33
4-Chloroaniline
Concen: 24.308 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD

Tgt Ion:	127	Resp:	21310
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.4	38.2
65	26.8	22.5	33.7
92	17.7	14.3	21.5

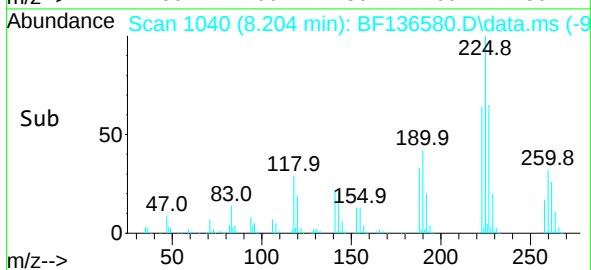
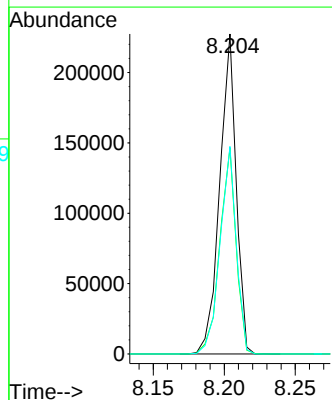
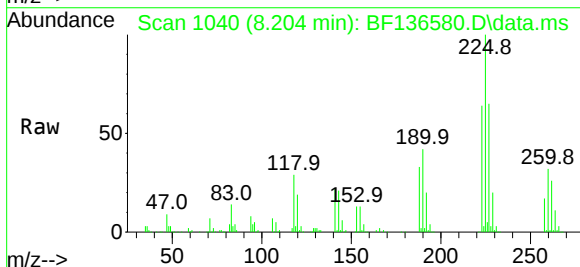
Manual Integrations
APPROVED

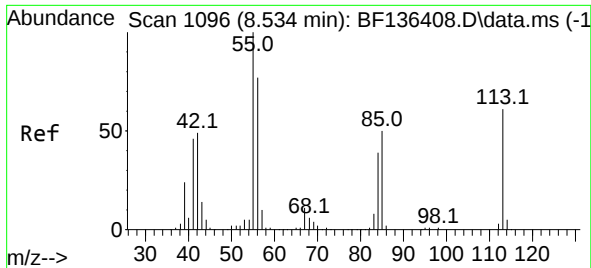
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#34
Hexachlorobutadiene
Concen: 39.895 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

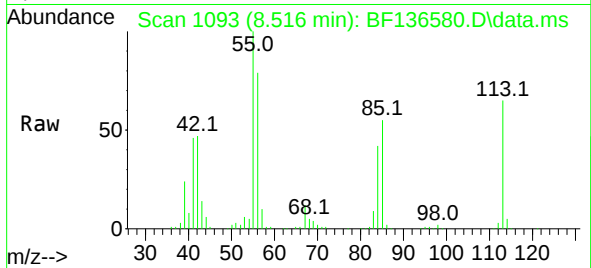
Tgt Ion:	225	Resp:	183044
Ion Ratio	Lower	Upper	
225	100		
223	64.4	50.8	76.2
227	64.9	49.8	74.8





#35
Caprolactam
Concen: 38.119 ng m
RT: 8.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

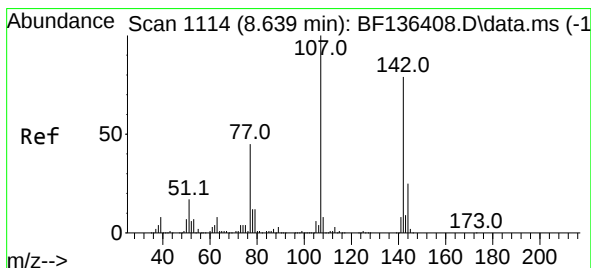
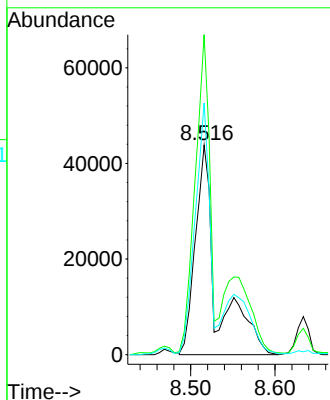
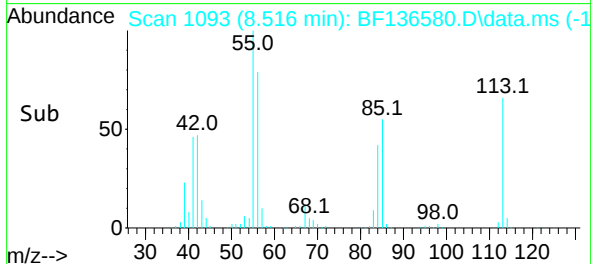
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



Tgt Ion:113 Resp: 7793
Ion Ratio Lower Upper
113 100
55 152.8 143.7 183.7
56 120.1 105.2 145.2

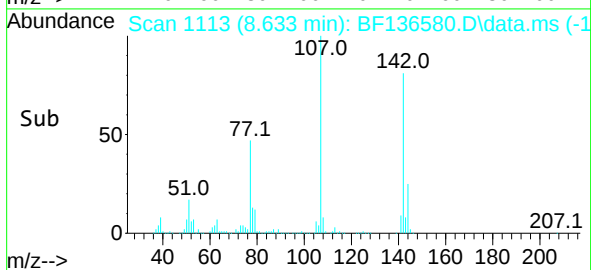
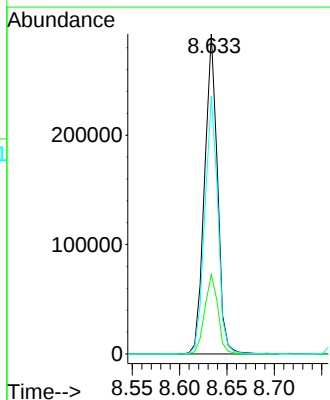
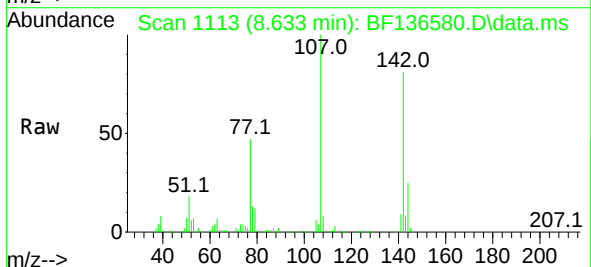
Manual Integrations
APPROVED

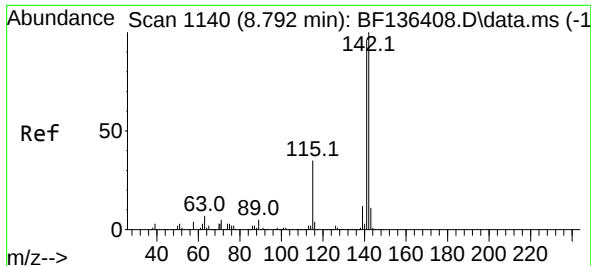
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#36
4-Chloro-3-methylphenol
Concen: 39.227 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Tgt Ion:107 Resp: 276534
Ion Ratio Lower Upper
107 100
144 24.8 20.1 30.1
142 80.6 63.1 94.7





#37

2-Methylnaphthalene

Concen: 39.878 ng

RT: 8.780 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF136580.D

Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMSD

Tgt Ion:142 Resp: 62385

Ion Ratio Lower Upper

142 100

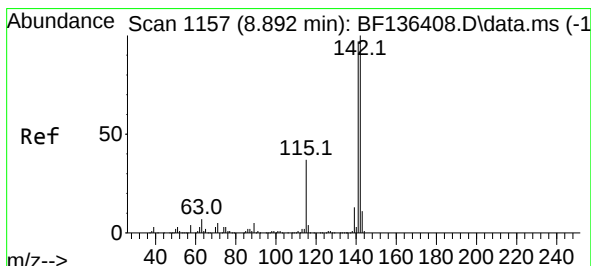
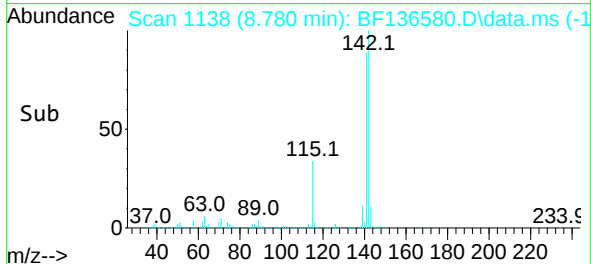
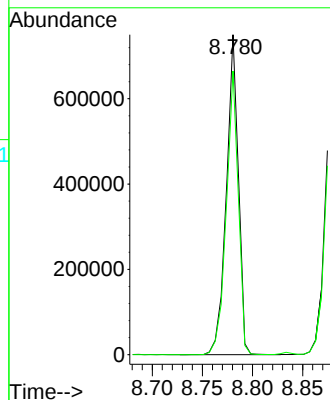
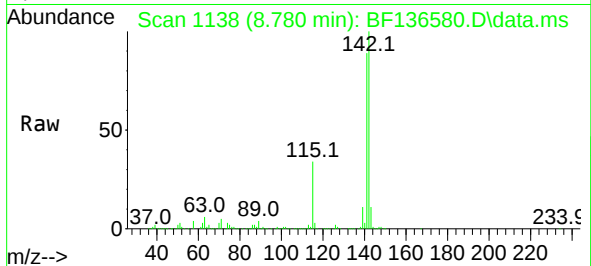
141 88.7 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#38

1-Methylnaphthalene

Concen: 39.090 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF136580.D

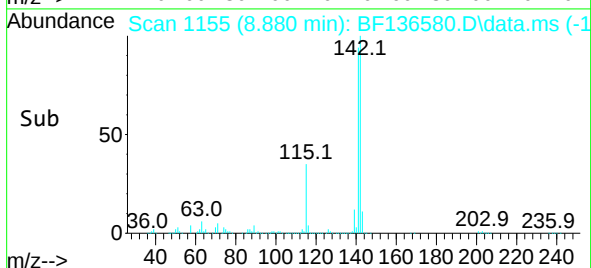
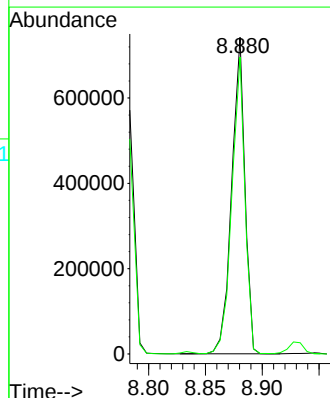
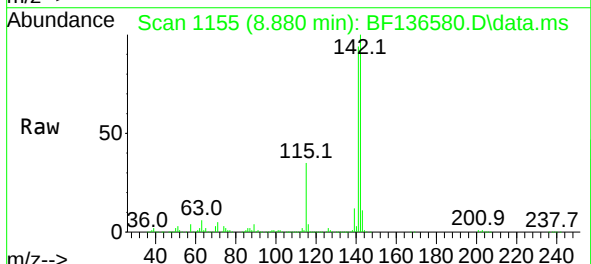
Acq: 14 Dec 2023 21:24

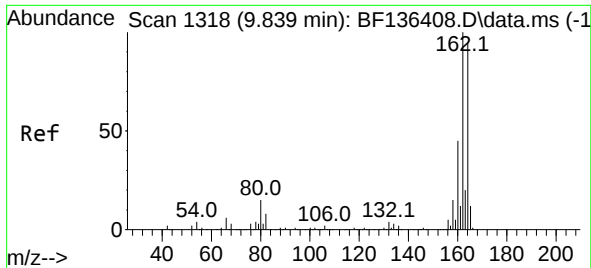
Tgt Ion:142 Resp: 600082

Ion Ratio Lower Upper

142 100

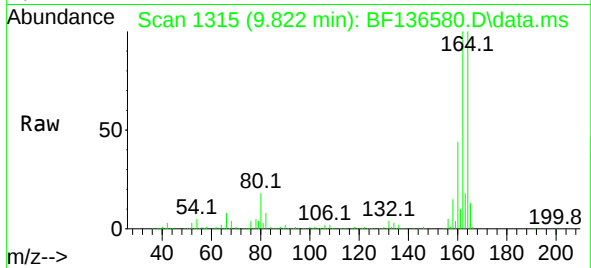
141 93.8 77.7 116.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

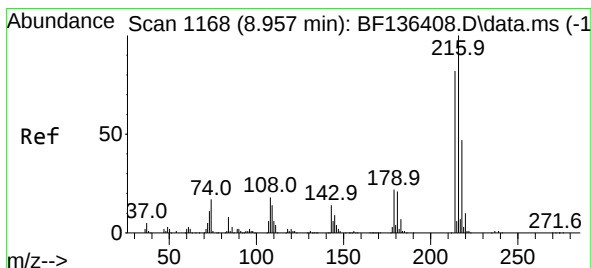
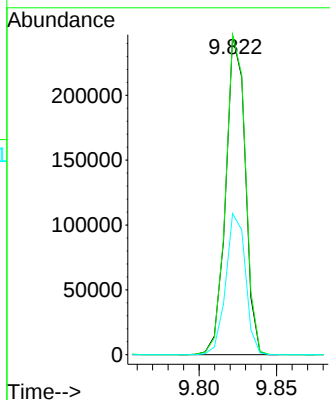
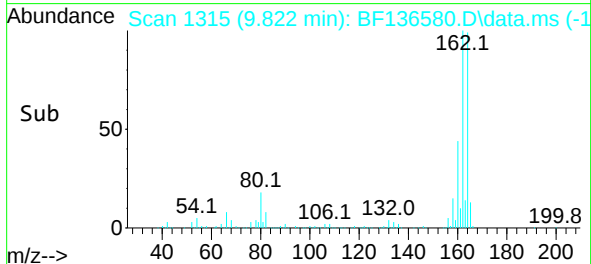
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



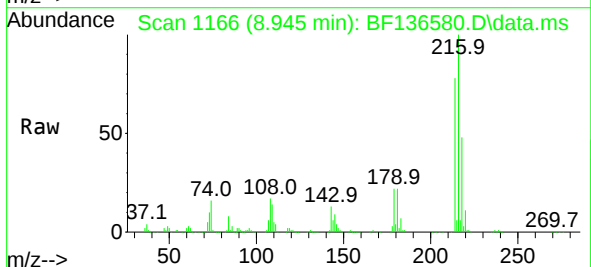
Tgt Ion:164 Resp: 21549
Ion Ratio Lower Upper
164 100
162 100.4 84.4 126.6
160 44.3 37.6 56.4

Manual Integrations
APPROVED

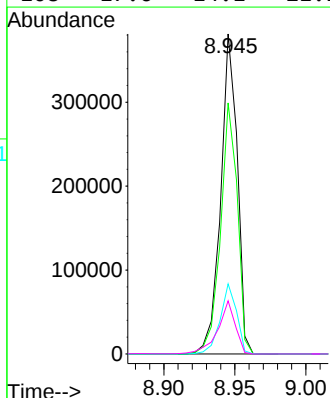
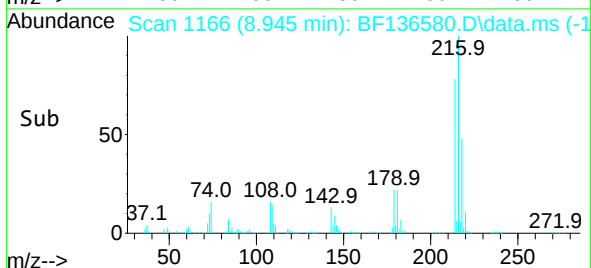
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

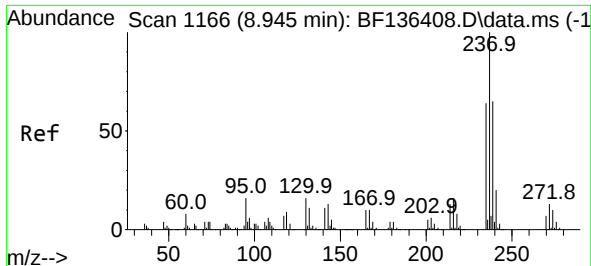


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.057 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



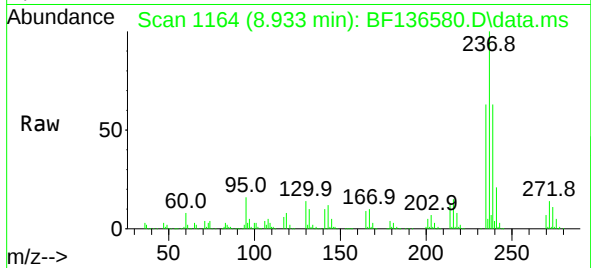
Tgt Ion:216 Resp: 308781
Ion Ratio Lower Upper
216 100
214 79.5 64.1 96.1
179 21.8 17.0 25.6
108 17.6 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 92.747 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

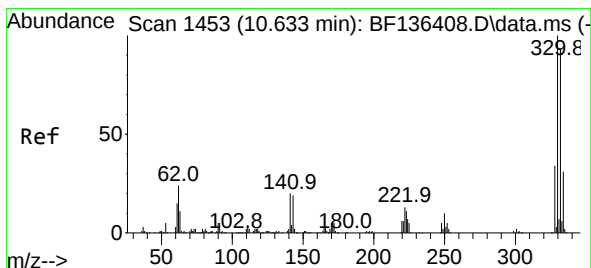
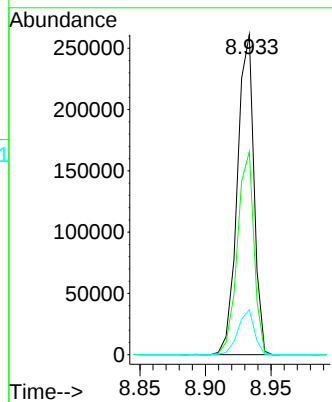
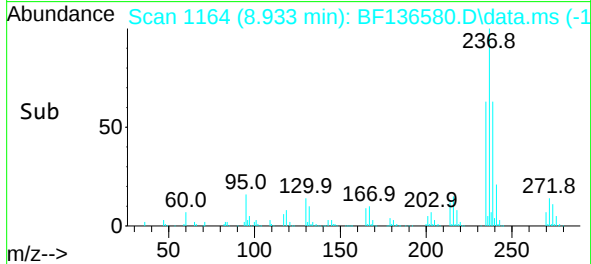
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



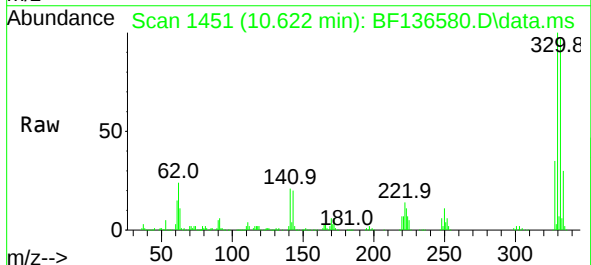
Tgt Ion:237 Resp: 23036
Ion Ratio Lower Upper
237 100
235 63.4 44.1 84.1
272 14.0 0.0 33.3

Manual Integrations
APPROVED

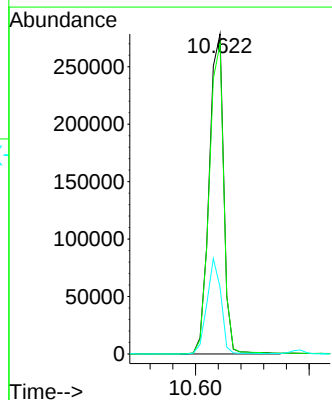
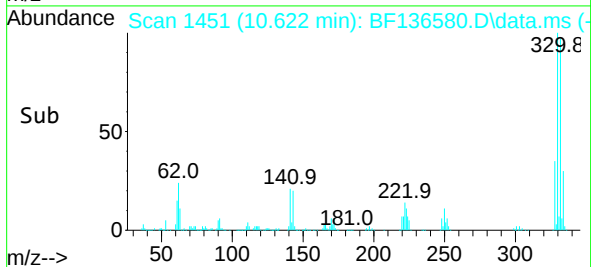
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

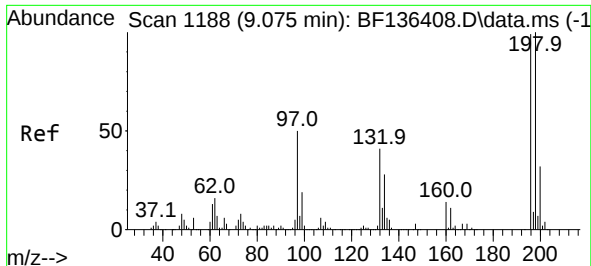


#42
2,4,6-Tribromophenol
Concen: 92.782 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



Tgt Ion:330 Resp: 246526
Ion Ratio Lower Upper
330 100
332 97.8 76.4 114.6
141 29.0 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 42.696 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF136580.D

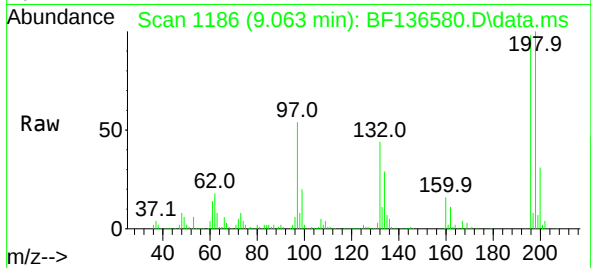
Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMSD



Tgt Ion:196 Resp: 186384

Ion Ratio Lower Upper

196 100

198 101.6 80.4 120.6

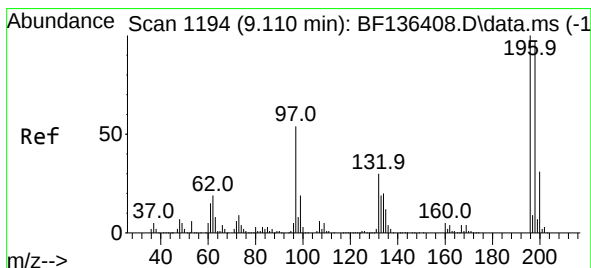
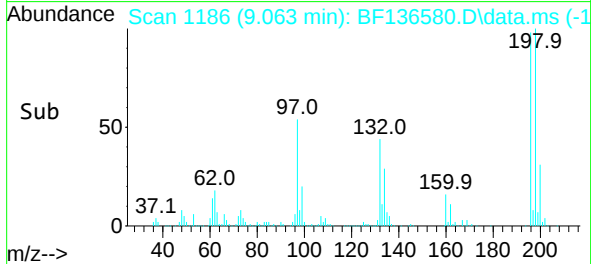
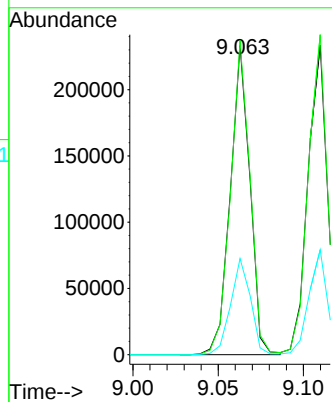
200 31.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#44

2,4,5-Trichlorophenol

Concen: 39.536 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF136580.D

Acq: 14 Dec 2023 21:24

Tgt Ion:196 Resp: 192625

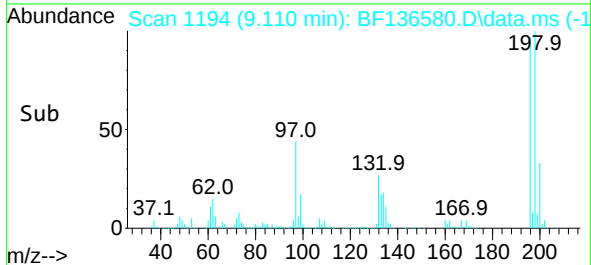
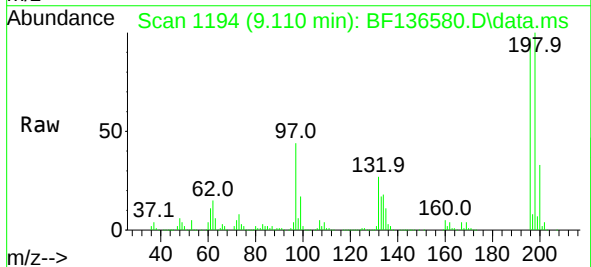
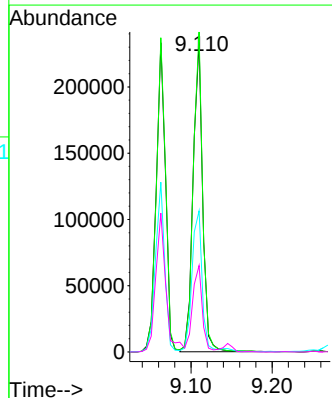
Ion Ratio Lower Upper

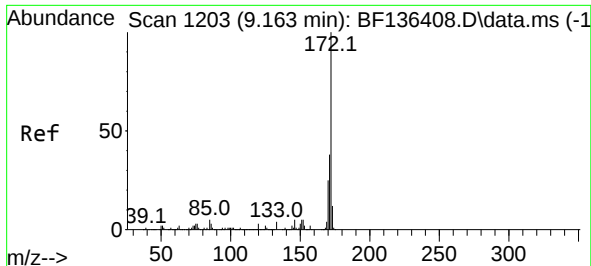
196 100

198 103.3 78.1 117.1

97 45.6 43.4 65.2

132 27.9 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 71.406 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136580.D

Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMSD

Tgt Ion:172 Resp: 1127699

Ion Ratio Lower Upper

172 100

171 36.4 30.5 45.7

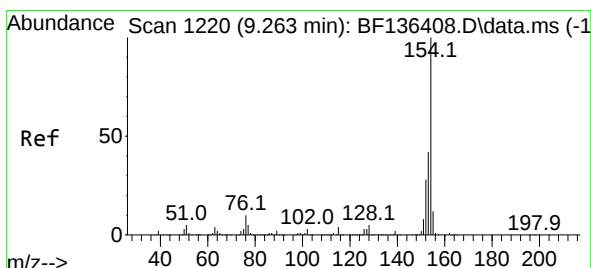
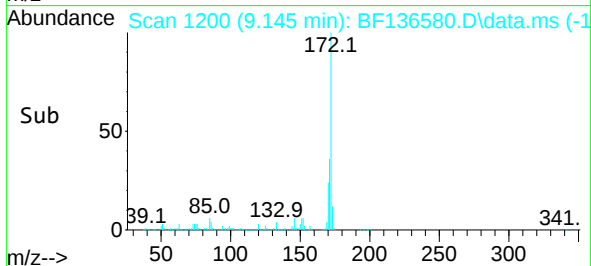
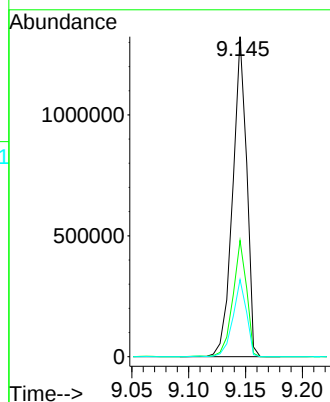
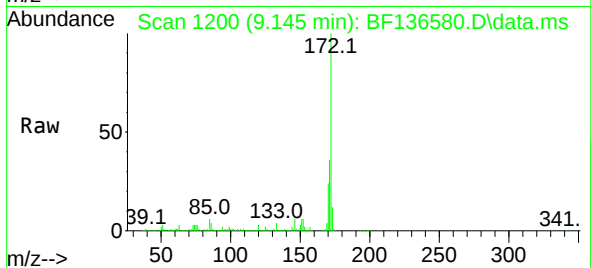
170 24.1 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#46

1,1'-Biphenyl

Concen: 44.570 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF136580.D

Acq: 14 Dec 2023 21:24

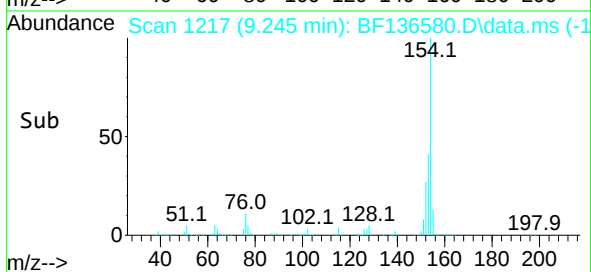
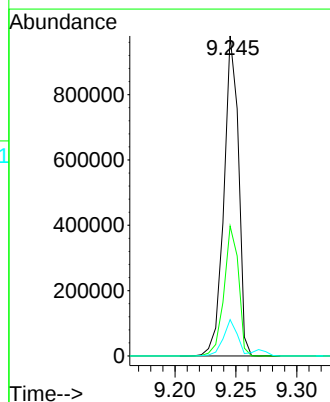
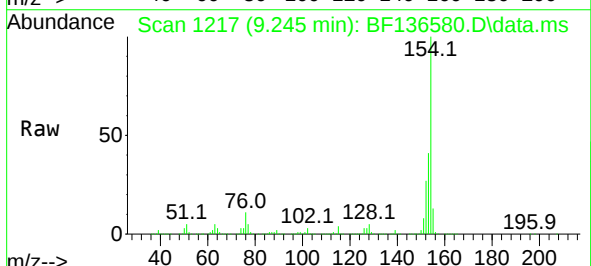
Tgt Ion:154 Resp: 817254

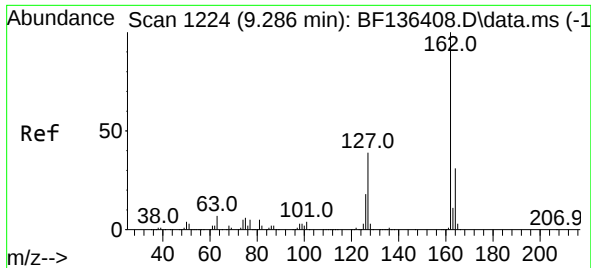
Ion Ratio Lower Upper

154 100

153 40.6 22.5 62.5

76 11.4 0.0 29.9





#47

2-Chloronaphthalene

Concen: 42.024 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136580.D

Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMSD

Tgt Ion:162 Resp: 599738

Ion Ratio Lower Upper

162 100

127 41.1 31.1 46.7

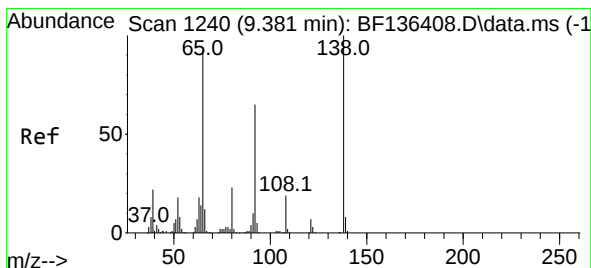
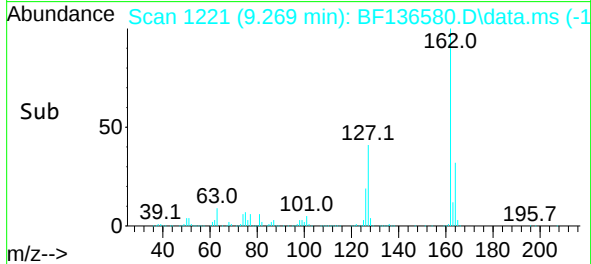
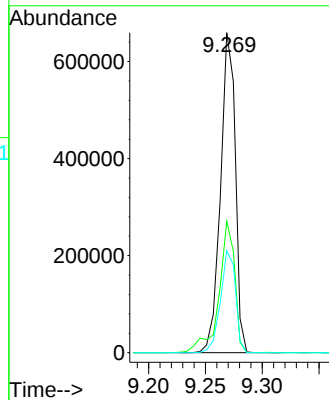
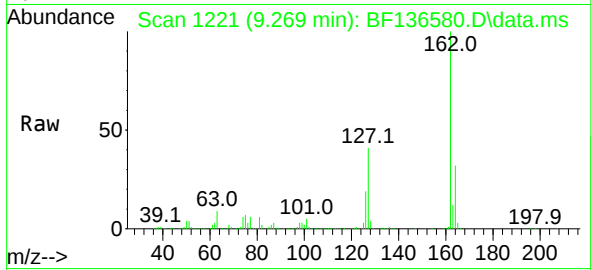
164 31.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#48

2-Nitroaniline

Concen: 41.569 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF136580.D

Acq: 14 Dec 2023 21:24

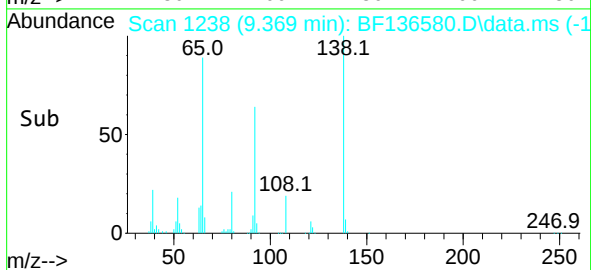
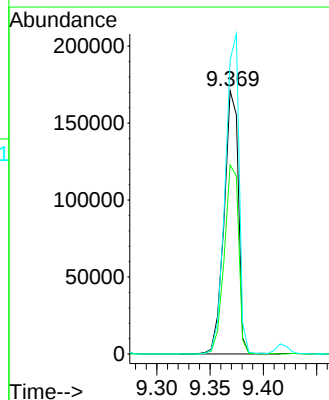
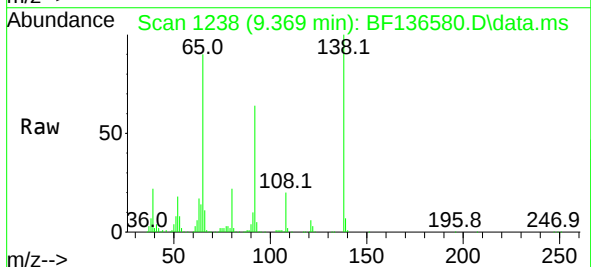
Tgt Ion: 65 Resp: 159112

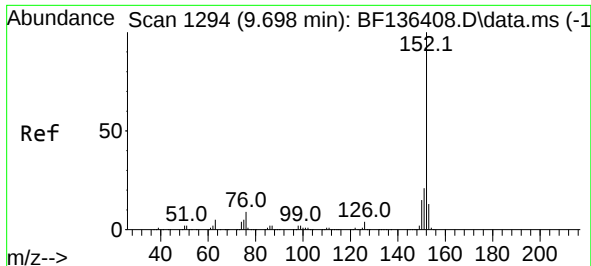
Ion Ratio Lower Upper

65 100

92 71.8 56.1 84.1

138 111.6 86.7 130.1





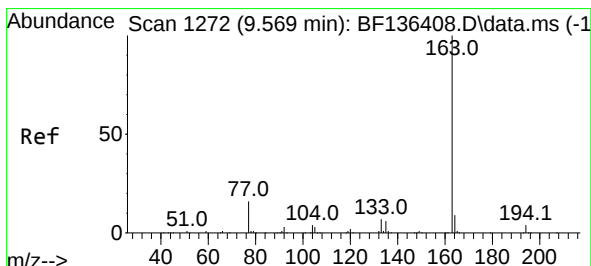
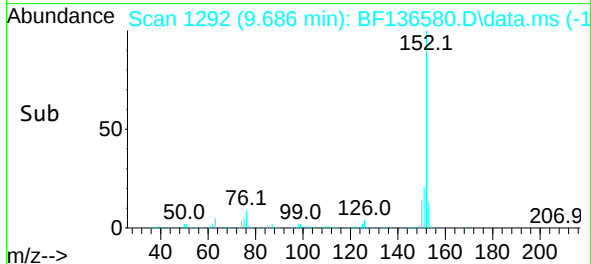
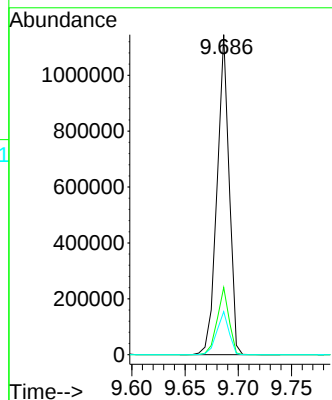
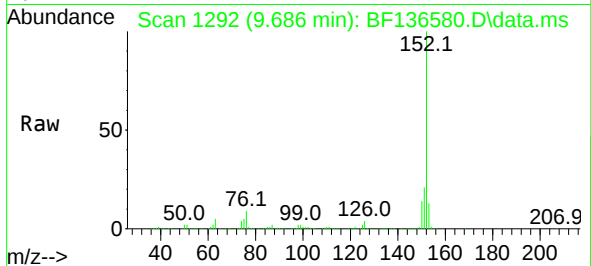
#49
Acenaphthylene
Concen: 44.477 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD

Tgt Ion:152 Resp: 90423
Ion Ratio Lower Upper
152 100
151 21.0 17.2 25.8
153 13.5 10.6 15.8

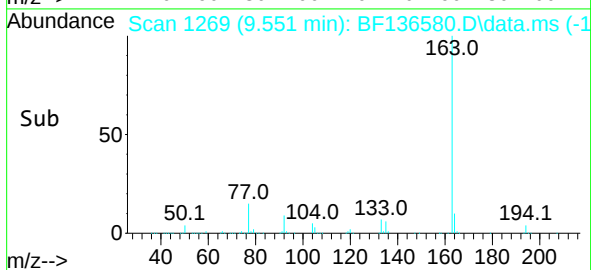
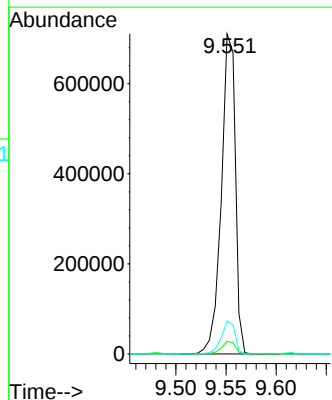
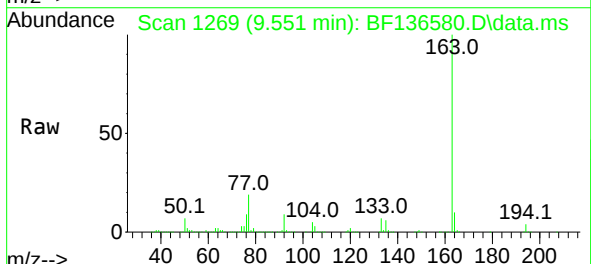
Manual Integrations
APPROVED

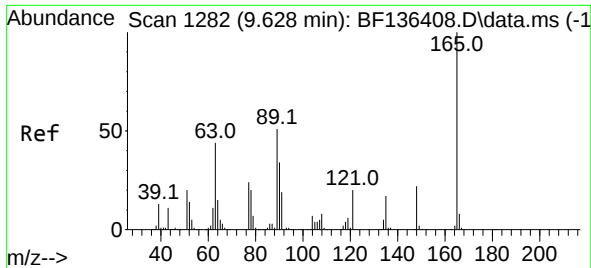
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#50
Dimethylphthalate
Concen: 43.559 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Tgt Ion:163 Resp: 691070
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 7.4 11.2





#51
2,6-Dinitrotoluene
Concen: 41.499 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

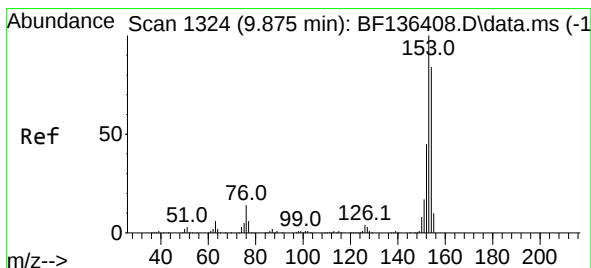
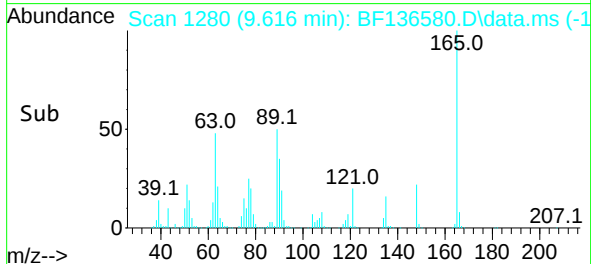
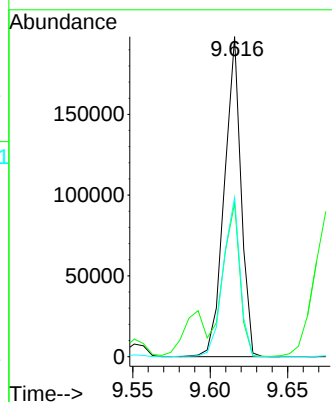
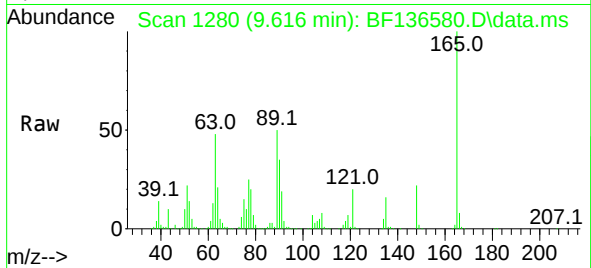
SP-LINDENMSD

Tgt Ion:165 Resp: 14812
Ion Ratio Lower Upper
165 100
63 48.0 40.4 60.6
89 49.7 40.6 60.8

Manual Integrations

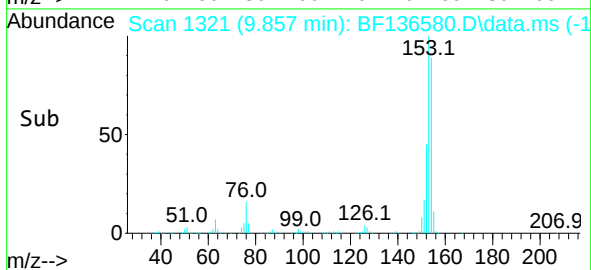
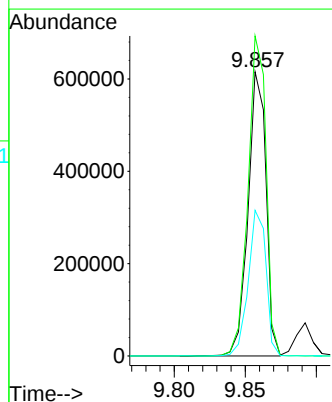
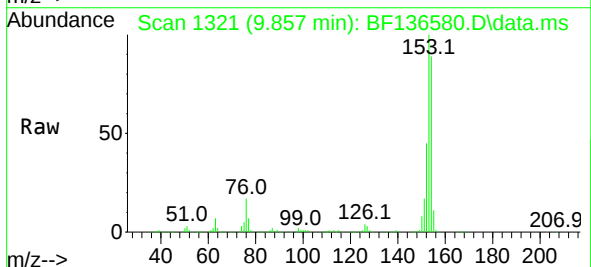
APPROVED

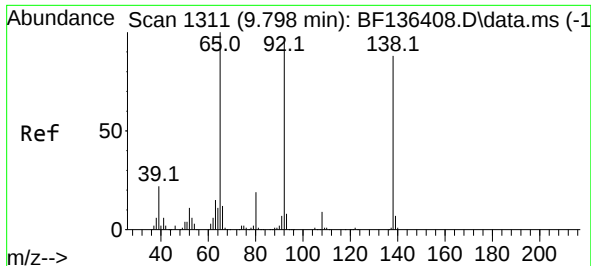
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#52
Acenaphthene
Concen: 41.502 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Tgt Ion:154 Resp: 540672
Ion Ratio Lower Upper
154 100
153 112.6 95.3 142.9
152 51.2 43.2 64.8





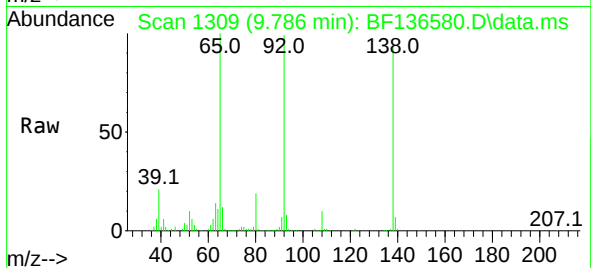
#53
3-Nitroaniline
Concen: 31.840 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMSD

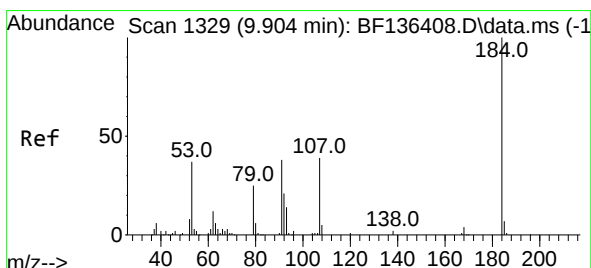
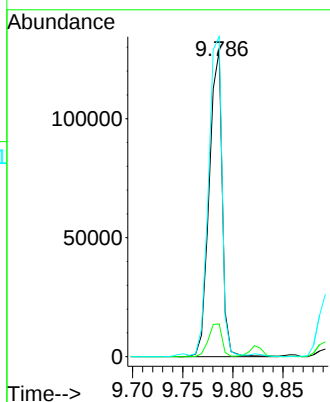
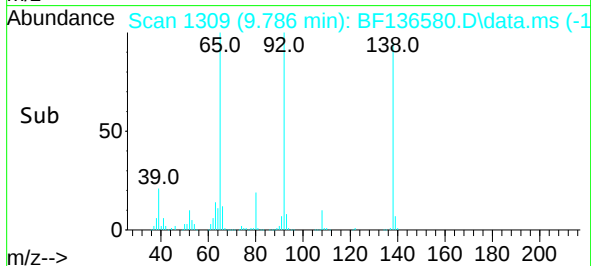


Tgt Ion:138 Resp: 116050
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 104.6 86.1 129.1

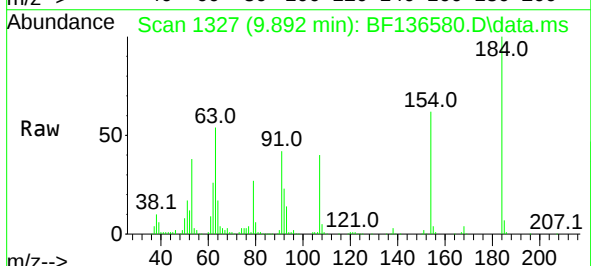
Manual Integrations

APPROVED

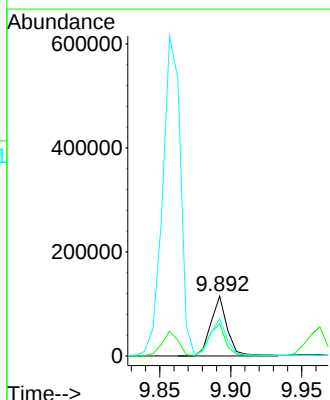
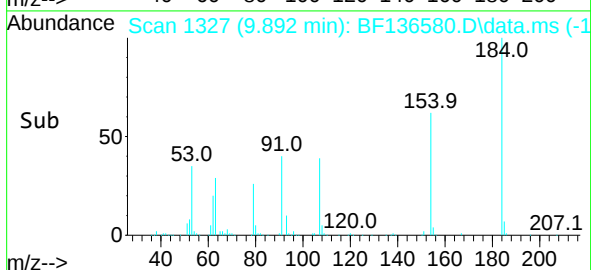
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

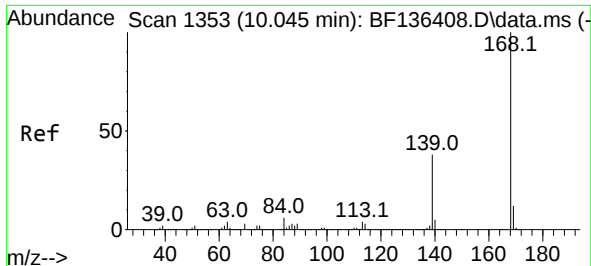


#54
2,4-Dinitrophenol
Concen: 51.483 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



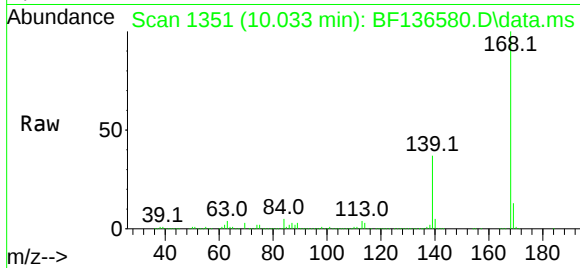
Tgt Ion:184 Resp: 92907
Ion Ratio Lower Upper
184 100
63 53.8 39.1 58.7
154 62.4 49.9 74.9





#55
Dibenzenofuran
Concen: 42.244 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

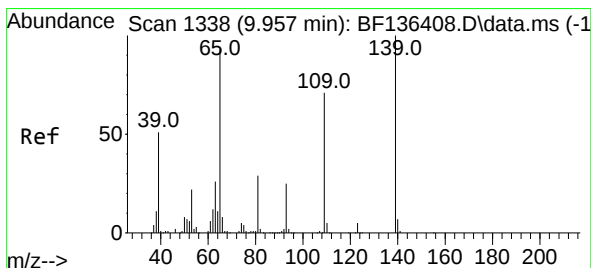
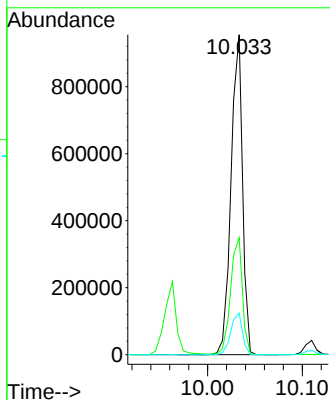
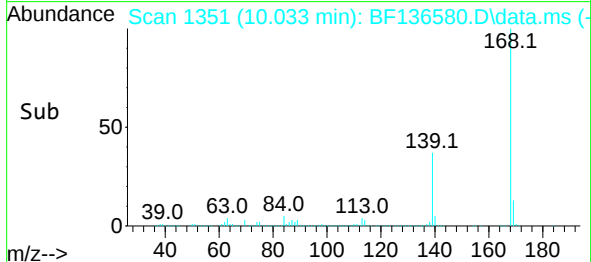
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



Tgt Ion:168 Resp: 80397
Ion Ratio Lower Upper
168 100
139 36.5 30.4 45.6
169 13.0 9.9 14.9

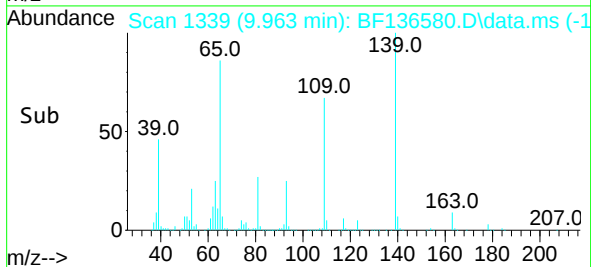
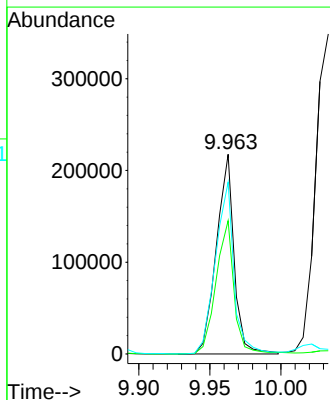
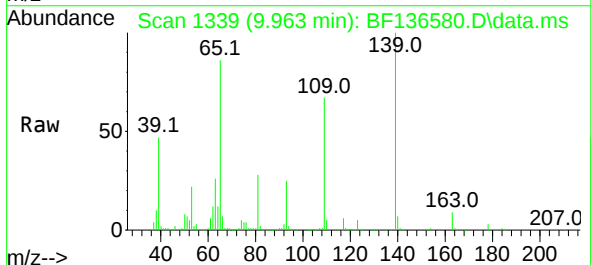
Manual Integrations
APPROVED

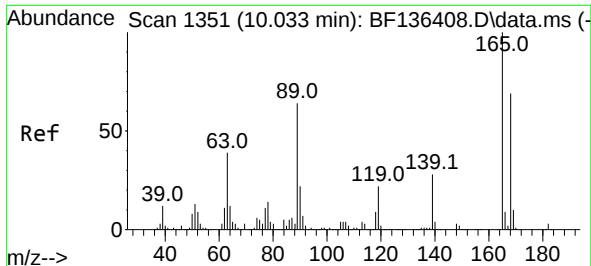
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#56
4-Nitrophenol
Concen: 68.909 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Tgt Ion:139 Resp: 188282
Ion Ratio Lower Upper
139 100
109 66.8 50.6 90.6
65 86.0 73.1 113.1





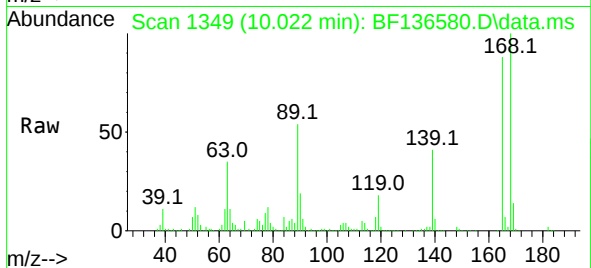
#57
2,4-Dinitrotoluene
Concen: 40.236 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMSD

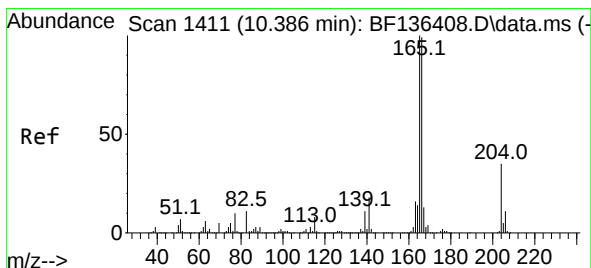
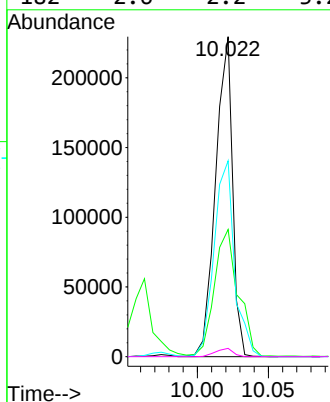
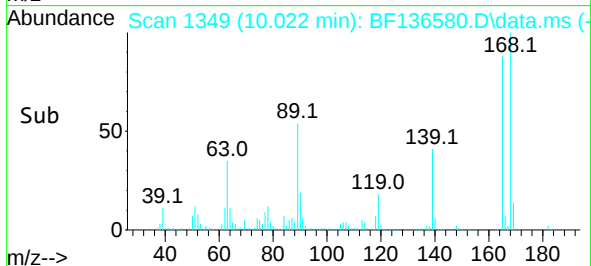


Tgt Ion:165 Resp: 189980
Ion Ratio Lower Upper
165 100
63 39.8 31.4 47.2
89 61.2 51.7 77.5
182 2.6 2.2 3.2

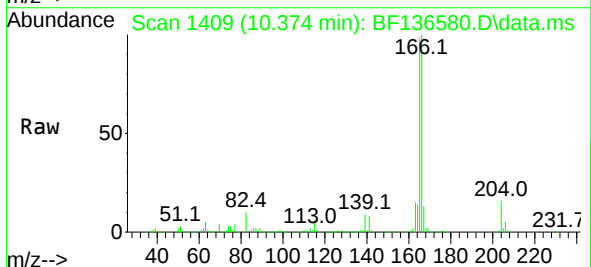
Manual Integrations

APPROVED

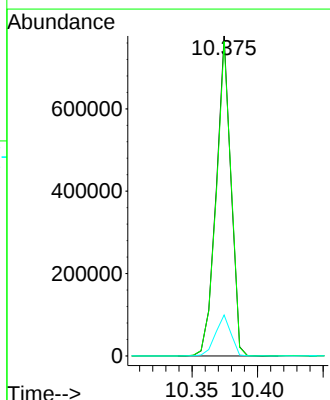
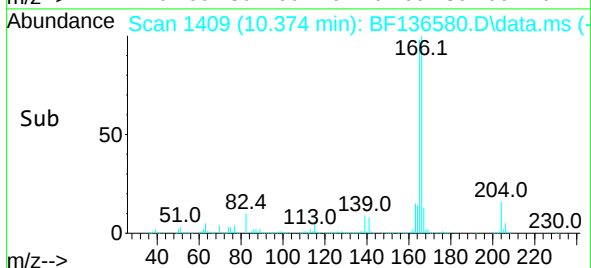
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

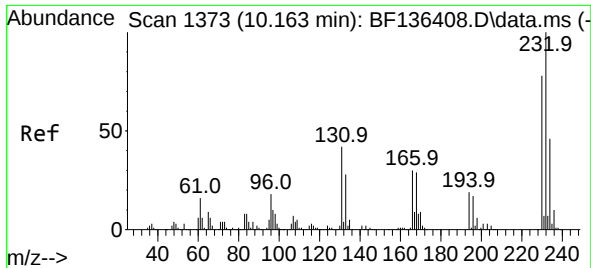


#58
Fluorene
Concen: 39.585 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



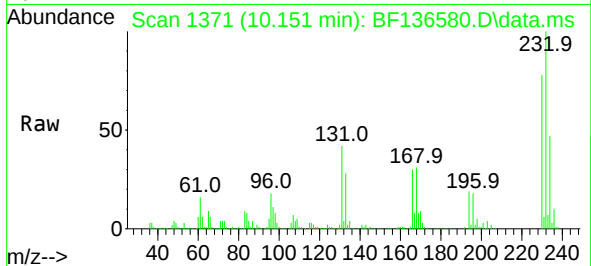
Tgt Ion:166 Resp: 604764
Ion Ratio Lower Upper
166 100
165 98.3 80.5 120.7
167 12.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.005 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

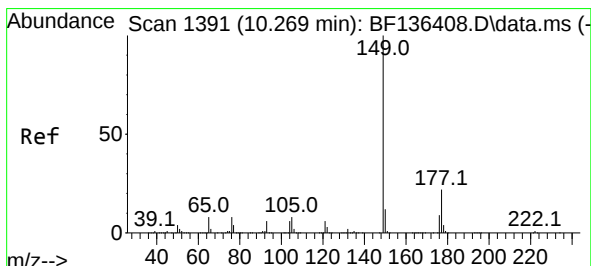
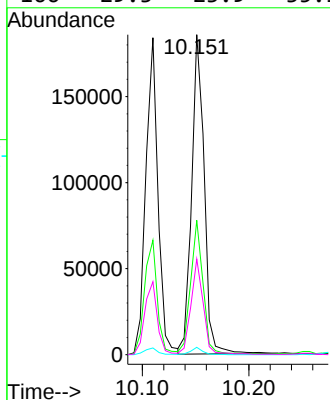
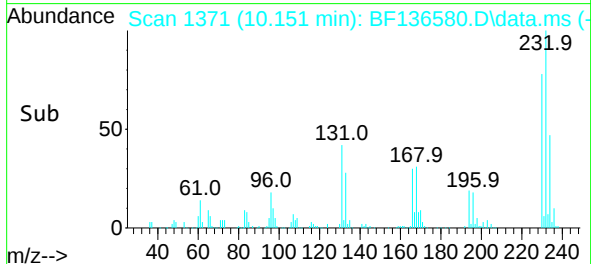
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



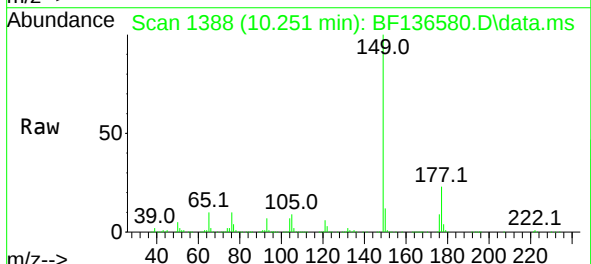
Tgt Ion:232 Resp: 152221
Ion Ratio Lower Upper
232 100
131 41.3 34.3 51.5
130 2.2 1.6 2.4
166 29.3 23.9 35.9

Manual Integrations
APPROVED

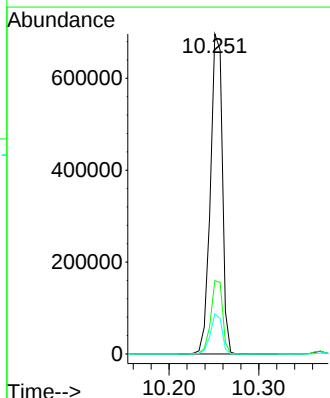
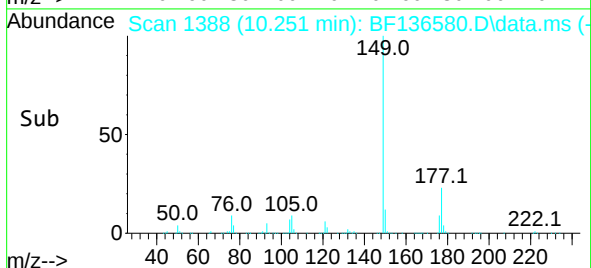
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

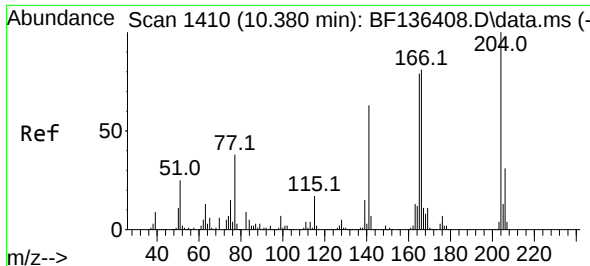


#60
Diethylphthalate
Concen: 41.208 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



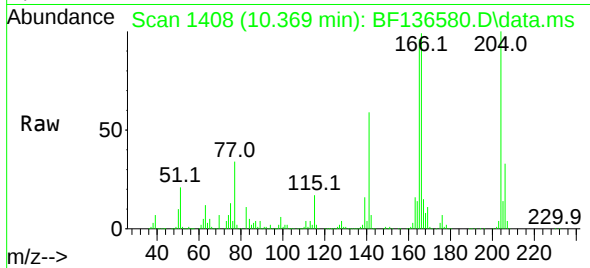
Tgt Ion:149 Resp: 642879
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.8
150 12.5 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 40.860 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

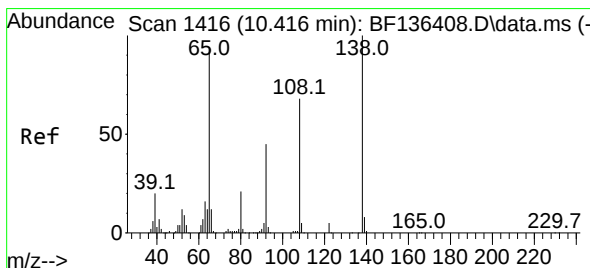
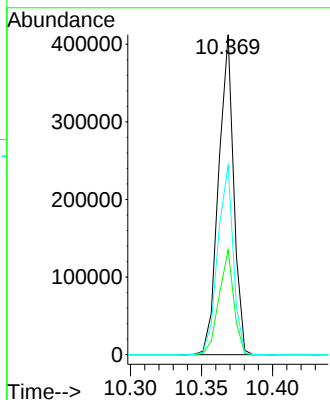
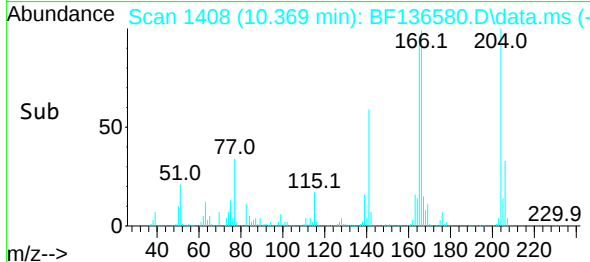
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



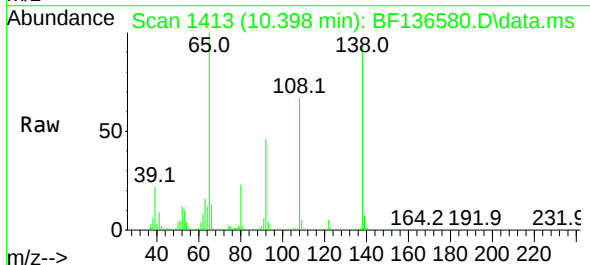
Tgt Ion:204 Resp: 30431
Ion Ratio Lower Upper
204 100
206 32.8 24.6 36.8
141 59.1 50.3 75.5

Manual Integrations
APPROVED

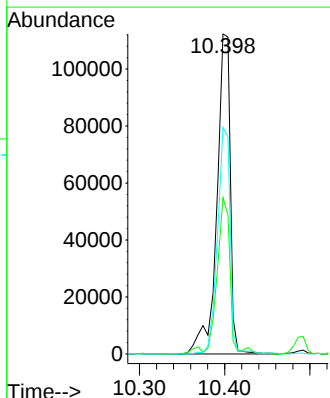
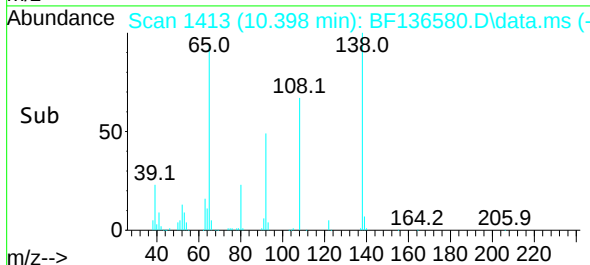
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

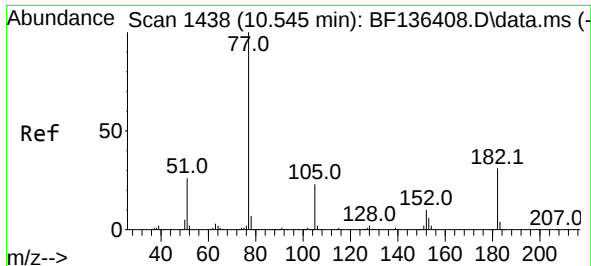


#62
4-Nitroaniline
Concen: 34.170 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



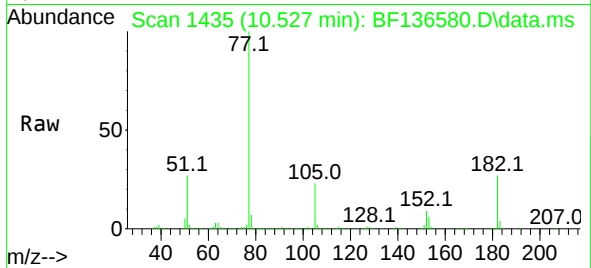
Tgt Ion:138 Resp: 123665
Ion Ratio Lower Upper
138 100
92 48.8 25.0 65.0
108 70.8 47.9 87.9





#63
Azobenzene
Concen: 38.259 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

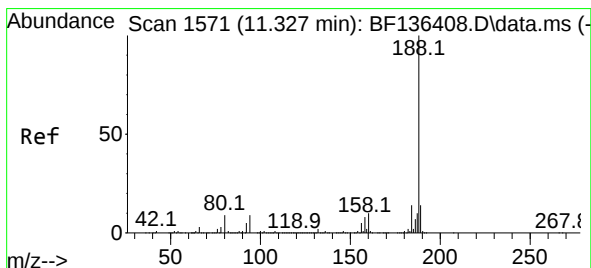
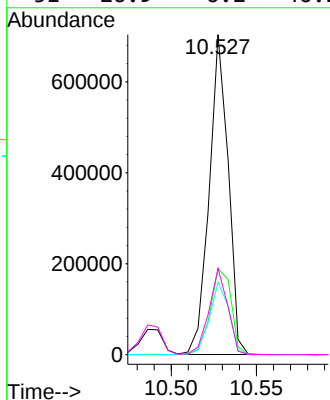
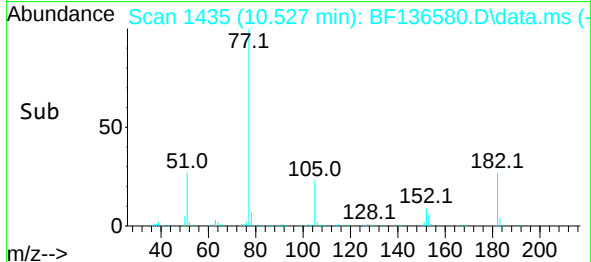
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



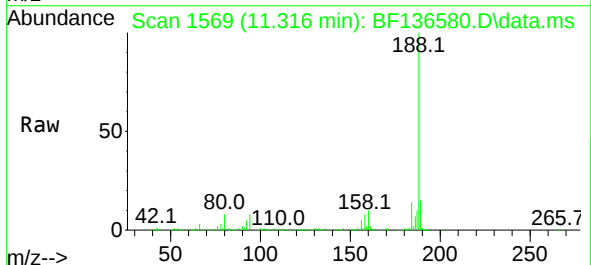
Tgt Ion: 77 Resp: 543284
Ion Ratio Lower Upper
77 100
182 26.9 10.8 50.8
105 22.7 2.6 42.6
51 26.9 6.2 46.2

Manual Integrations
APPROVED

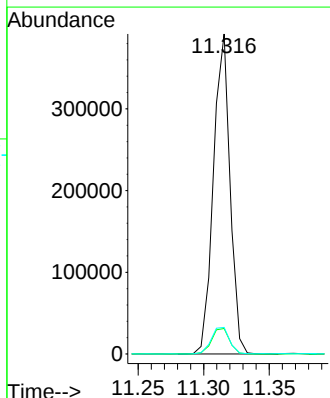
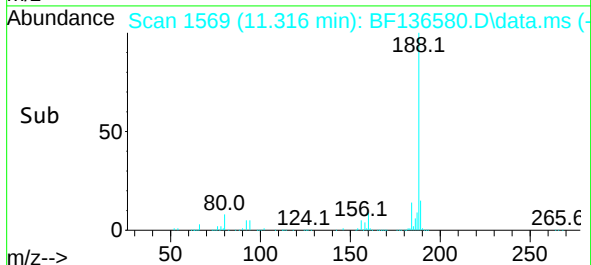
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

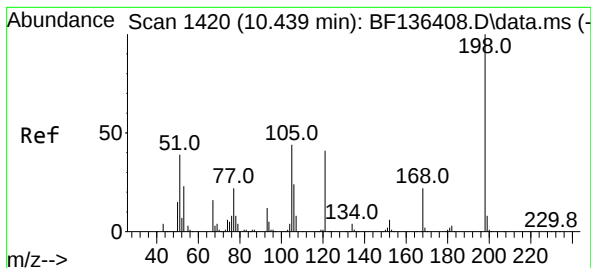


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



Tgt Ion:188 Resp: 343898
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.3 7.2 10.8





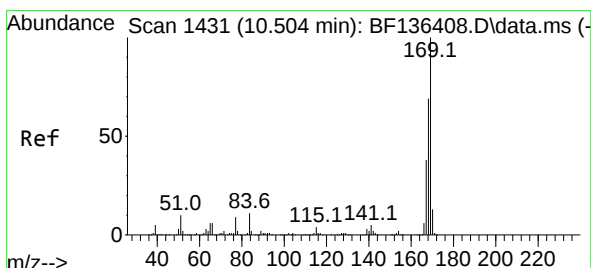
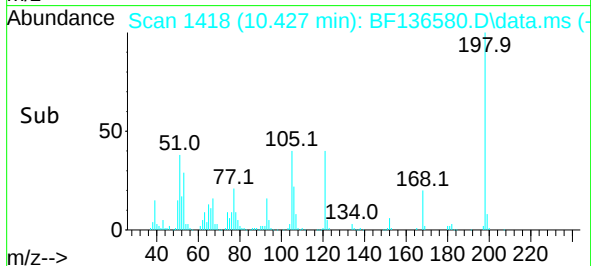
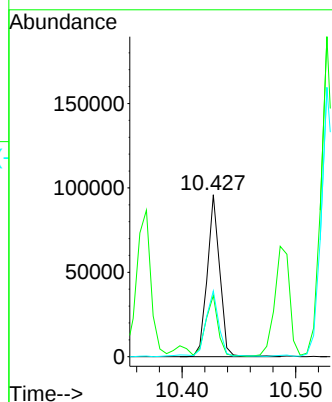
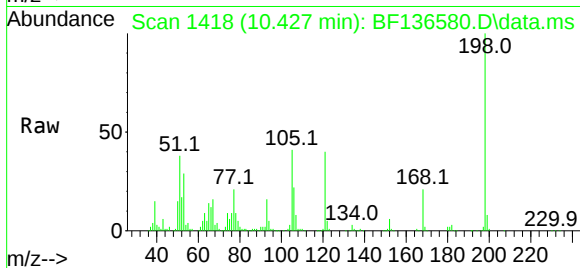
#65
4,6-Dinitro-2-methylphenol
Concen: 34.109 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD

Tgt Ion:198 Resp: 72640
Ion Ratio Lower Upper
198 100
51 37.8 24.1 64.1
105 40.6 24.8 64.8

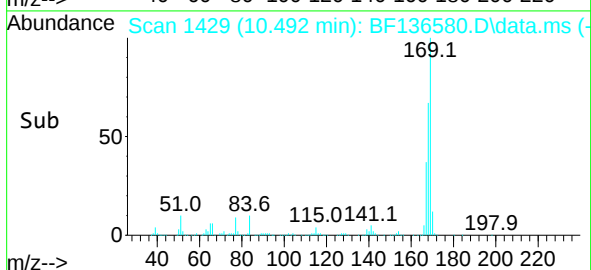
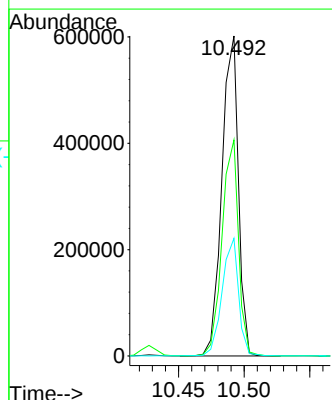
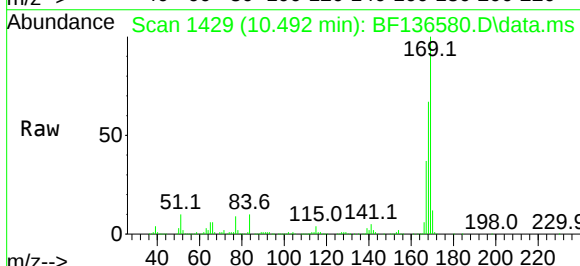
Manual Integrations
APPROVED

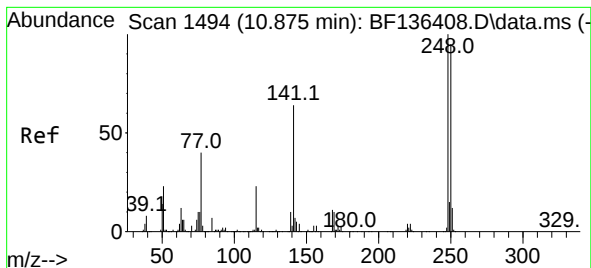
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#66
n-Nitrosodiphenylamine
Concen: 47.619 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

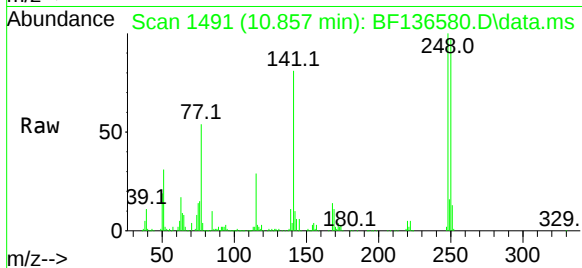
Tgt Ion:169 Resp: 525478
Ion Ratio Lower Upper
169 100
168 67.5 55.3 82.9
167 36.7 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 45.396 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

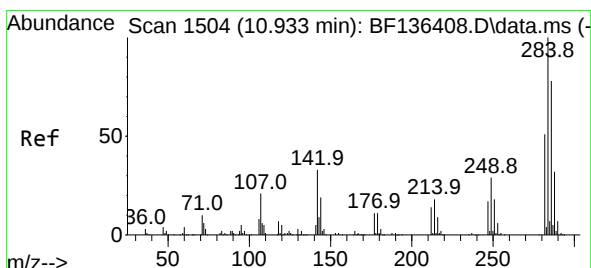
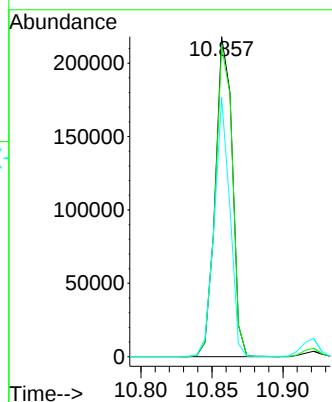
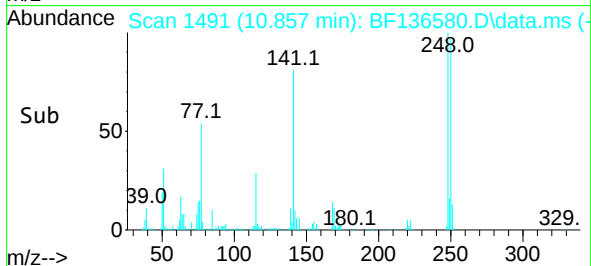
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



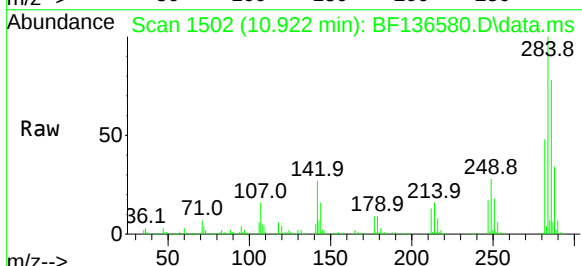
Tgt Ion:248 Resp: 181500
Ion Ratio Lower Upper
248 100
250 96.9 76.2 114.2
141 81.0 51.0 76.4

Manual Integrations
APPROVED

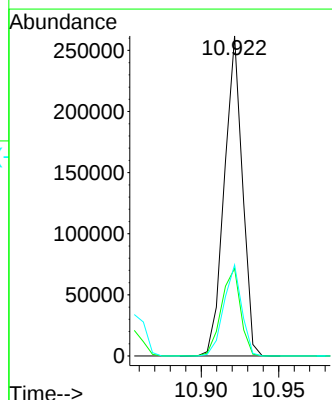
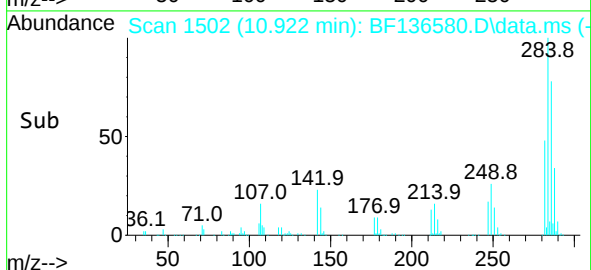
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

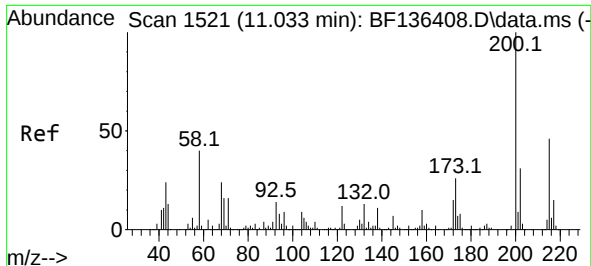


#68
Hexachlorobenzene
Concen: 45.822 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



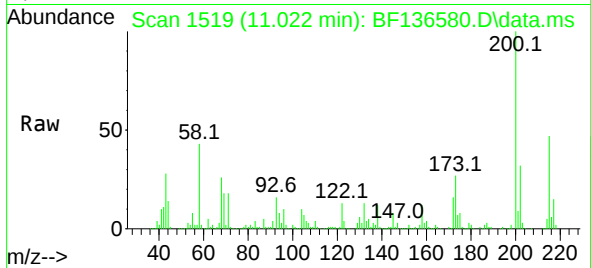
Tgt Ion:284 Resp: 211751
Ion Ratio Lower Upper
284 100
142 27.4 26.5 39.7
249 28.4 23.4 35.0





#69
Atrazine
Concen: 55.236 ng
RT: 11.022 min Scan# 11022
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

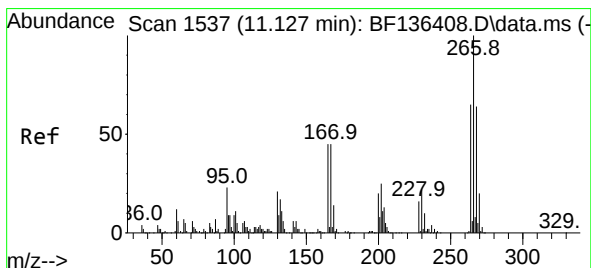
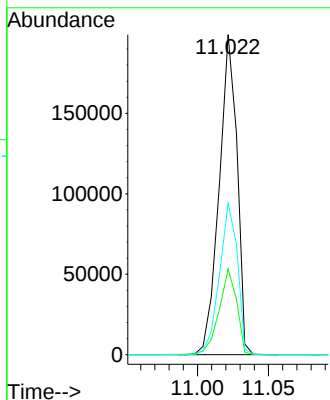
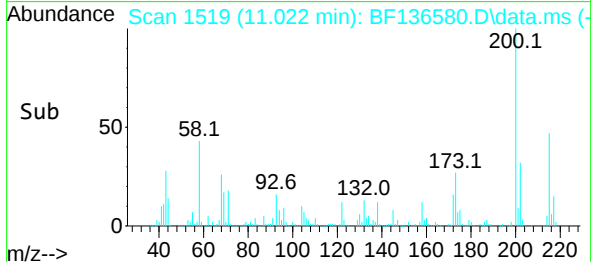
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



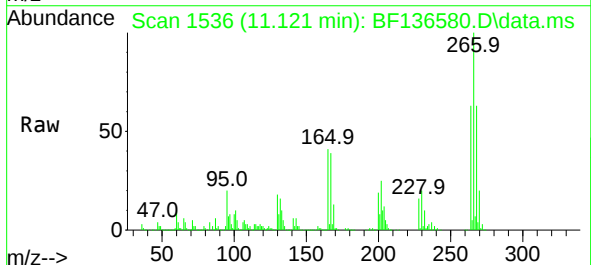
Tgt Ion:200 Resp: 173969
Ion Ratio Lower Upper
200 100
173 26.8 6.0 46.0
215 47.3 25.5 65.5

Manual Integrations
APPROVED

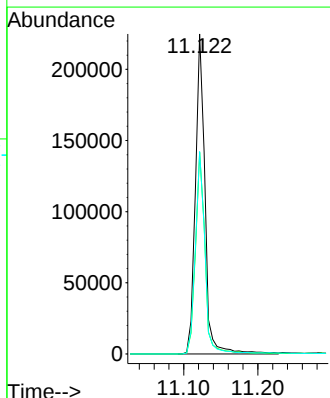
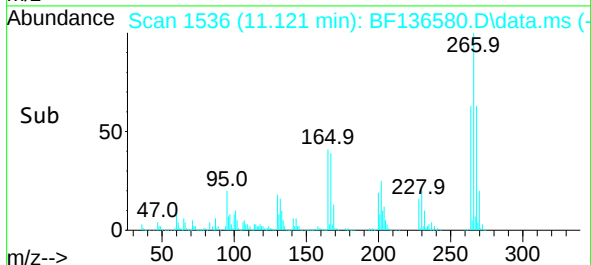
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

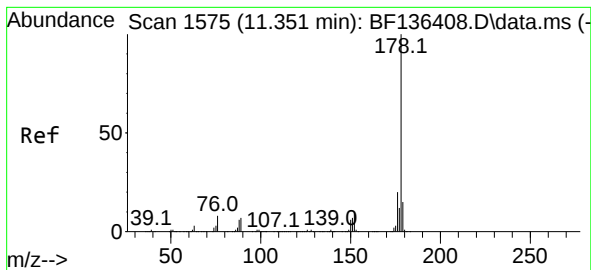


#70
Pentachlorophenol
Concen: 77.084 ng
RT: 11.121 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



Tgt Ion:266 Resp: 201046
Ion Ratio Lower Upper
266 100
268 63.0 51.0 76.6
264 63.2 52.2 78.4





#71

Phenanthrene

Concen: 43.981 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.000 min

Lab File: BF136580.D

Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMSD

Tgt Ion:178 Resp: 83133

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

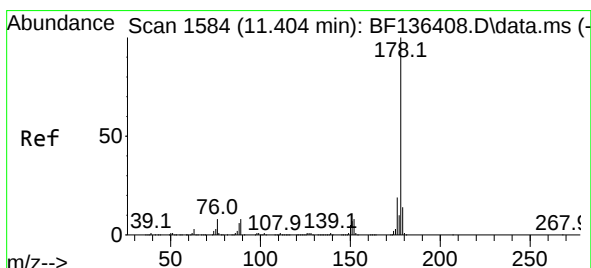
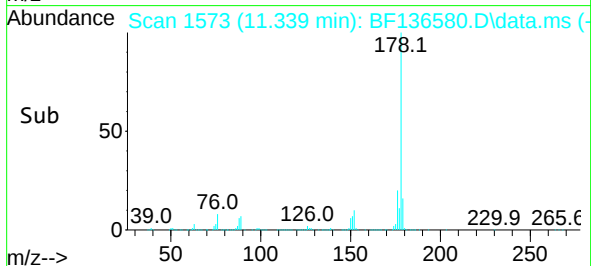
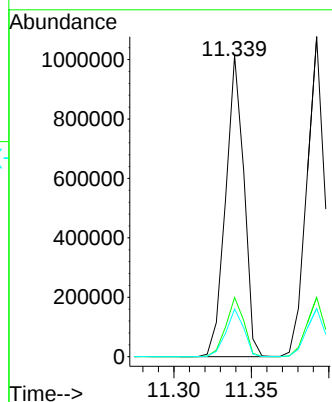
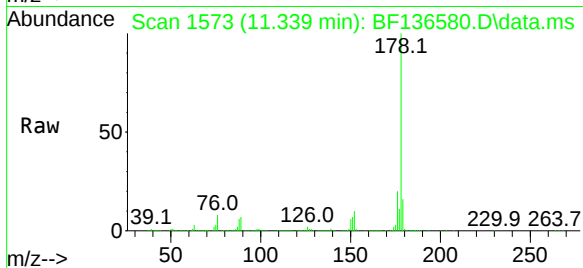
179 15.8 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#72

Anthracene

Concen: 44.719 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF136580.D

Acq: 14 Dec 2023 21:24

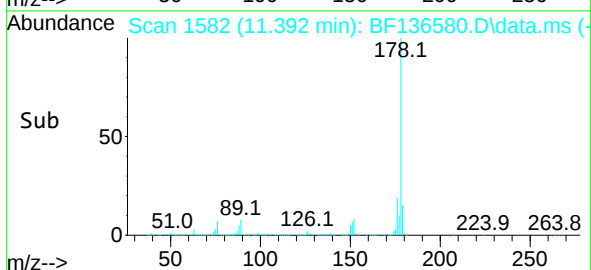
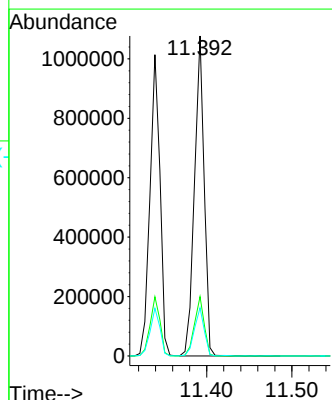
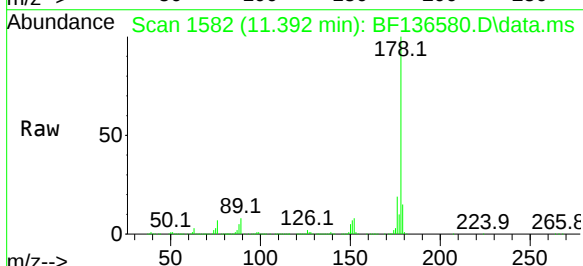
Tgt Ion:178 Resp: 851385

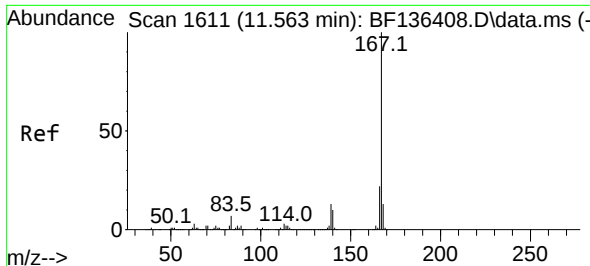
Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

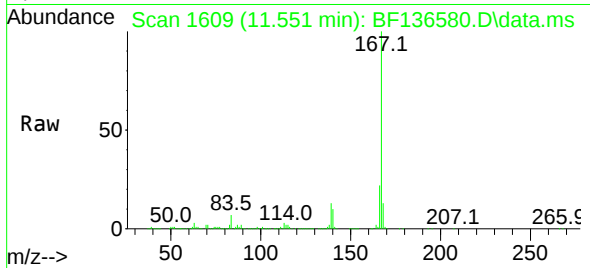
179 15.1 11.4 17.0





#73
Carbazole
Concen: 40.611 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

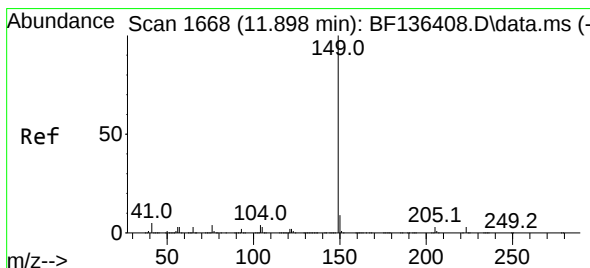
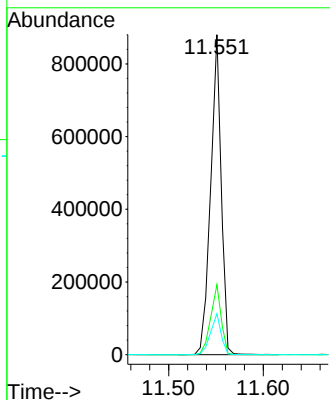
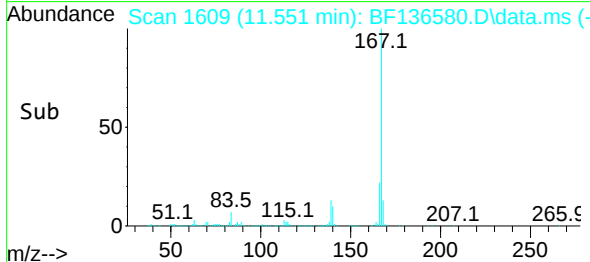
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



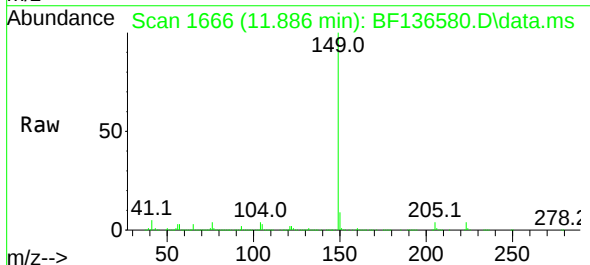
Tgt Ion:167 Resp: 68431
Ion Ratio Lower Upper
167 100
166 21.9 18.0 27.0
139 12.8 10.2 15.4

Manual Integrations
APPROVED

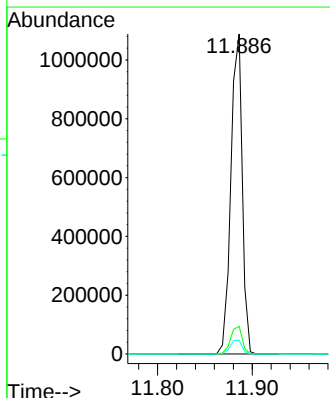
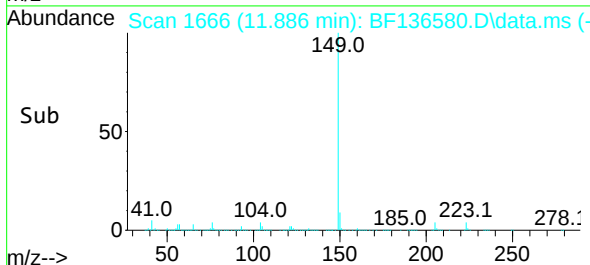
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

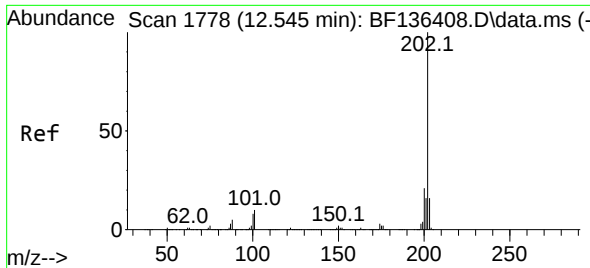


#74
Di-n-butylphthalate
Concen: 43.857 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



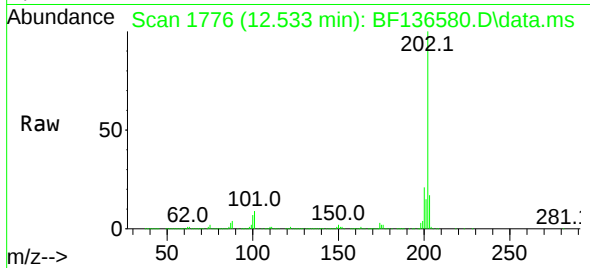
Tgt Ion:149 Resp: 905963
Ion Ratio Lower Upper
149 100
150 8.6 6.9 10.3
104 4.3 3.5 5.3





#75
Fluoranthene
Concen: 41.158 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

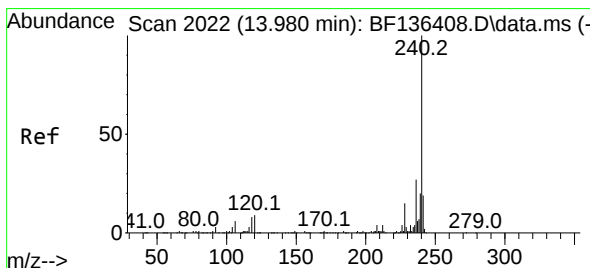
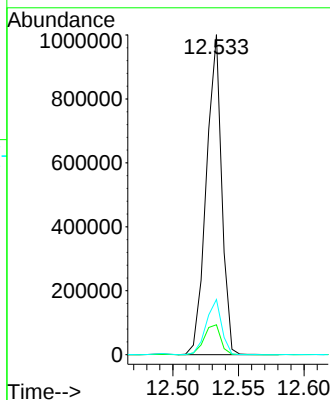
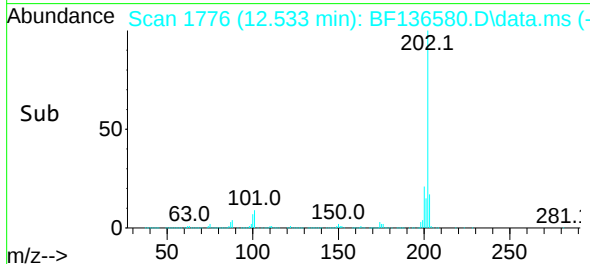
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



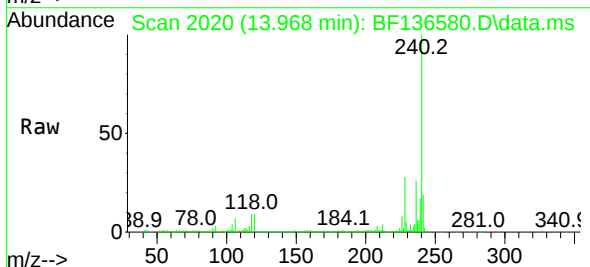
Tgt Ion:202 Resp: 815274
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.9
203 17.2 0.0 36.3

Manual Integrations
APPROVED

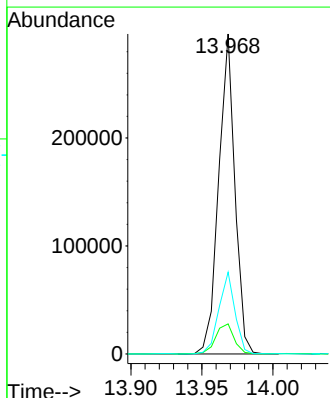
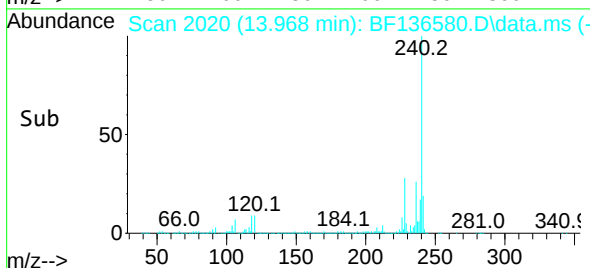
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

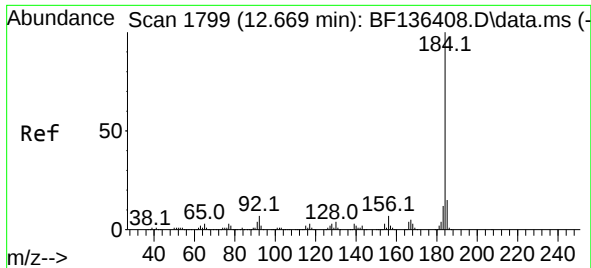


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



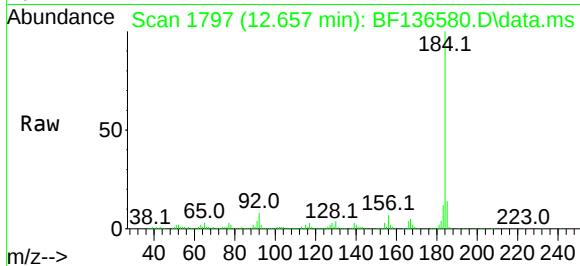
Tgt Ion:240 Resp: 234858
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.5 21.3 31.9





#77
Benzidine
Concen: 50.794 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

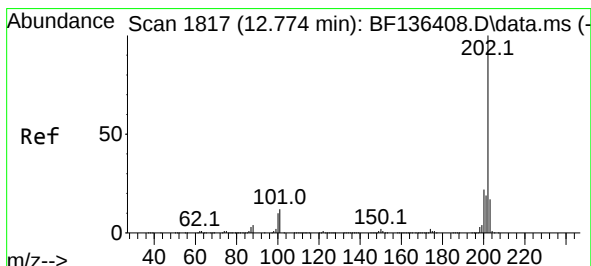
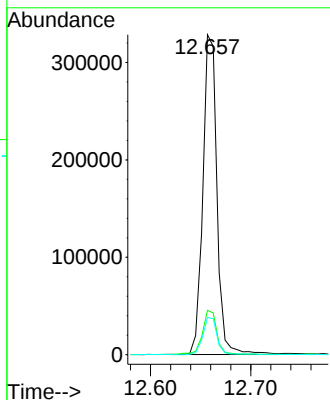
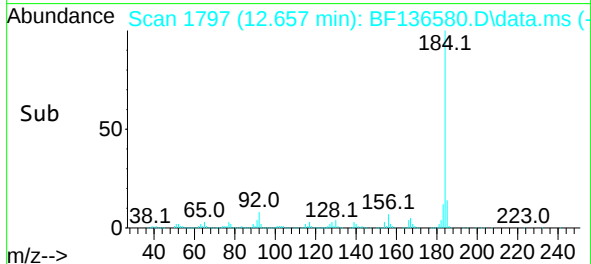
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



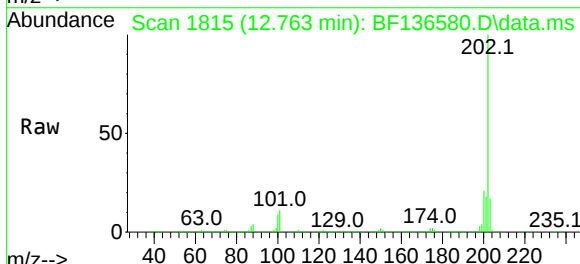
Tgt Ion:184 Resp: 32214
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 11.6 9.4 14.0

Manual Integrations
APPROVED

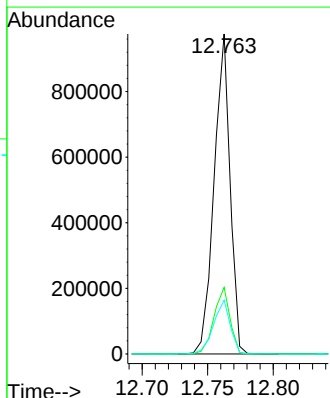
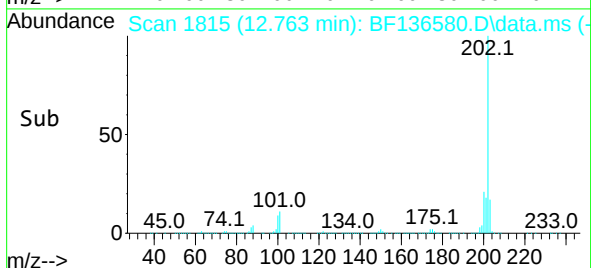
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

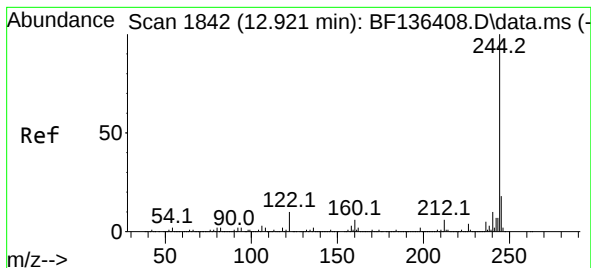


#78
Pyrene
Concen: 35.754 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



Tgt Ion:202 Resp: 822391
Ion Ratio Lower Upper
202 100
200 20.8 18.0 27.0
203 16.8 13.5 20.3





#79

Terphenyl-d14

Concen: 56.481 ng

RT: 12.910 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF136580.D

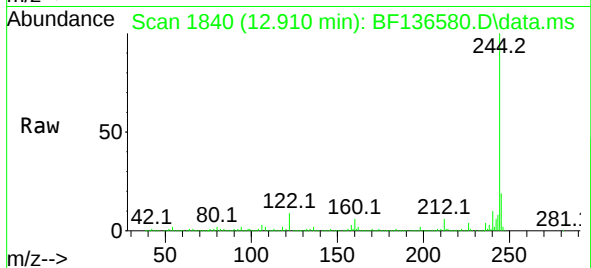
Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMSD



Tgt Ion:244 Resp: 1006419

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

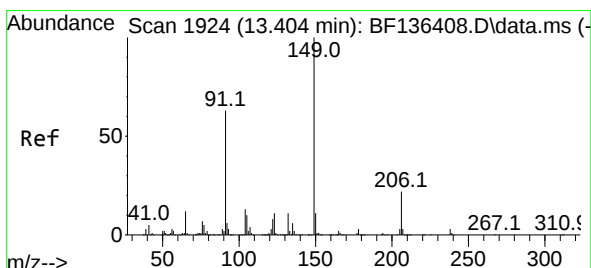
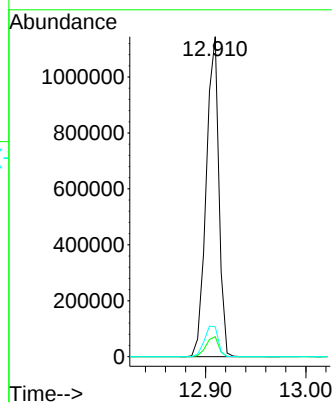
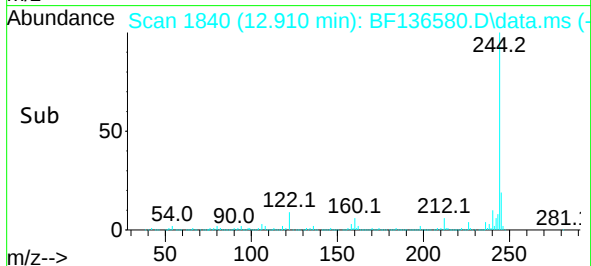
122 9.3 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#80

Butylbenzylphthalate

Concen: 41.172 ng

RT: 13.392 min Scan# 1922

Delta R.T. 0.006 min

Lab File: BF136580.D

Acq: 14 Dec 2023 21:24

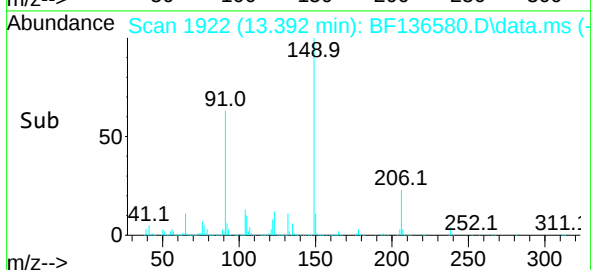
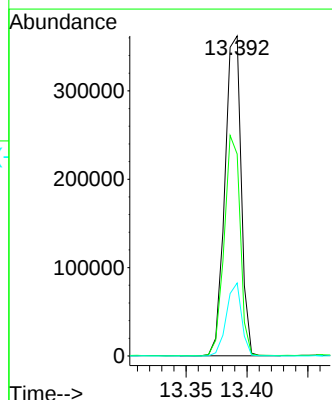
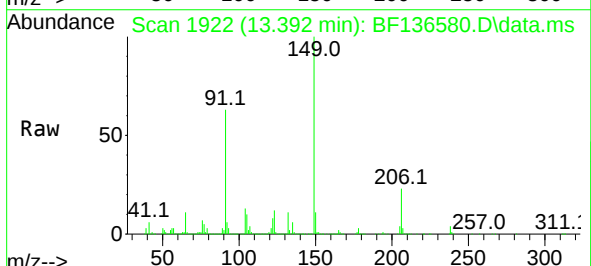
Tgt Ion:149 Resp: 337114

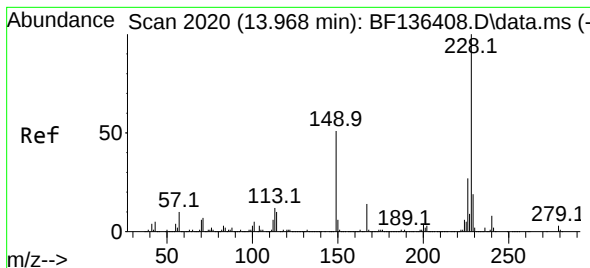
Ion Ratio Lower Upper

149 100

91 63.1 50.5 75.7

206 22.8 17.4 26.2





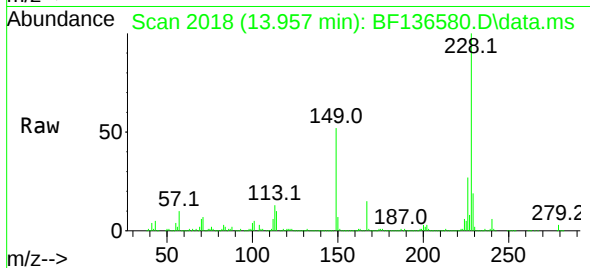
#81
Benzo(a)anthracene
Concen: 43.844 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMSD

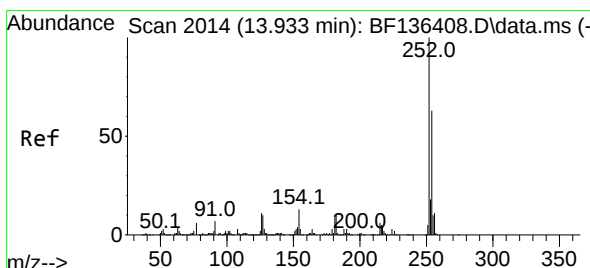
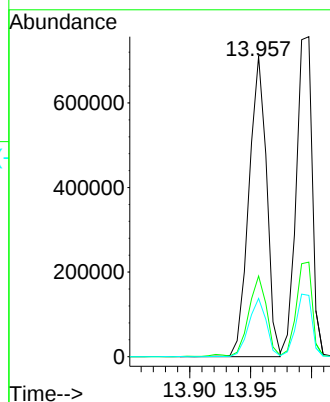
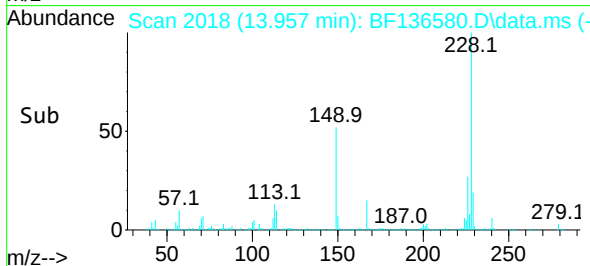


Tgt Ion:228 Resp: 71726
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.4 15.0 22.4

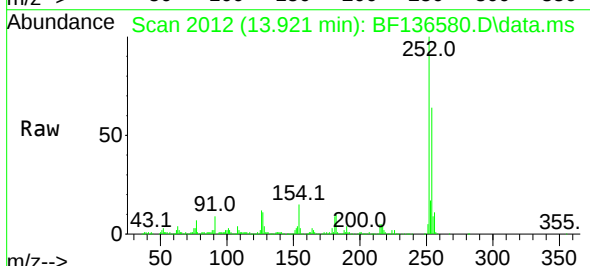
Manual Integrations

APPROVED

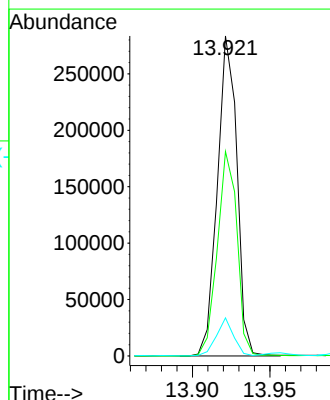
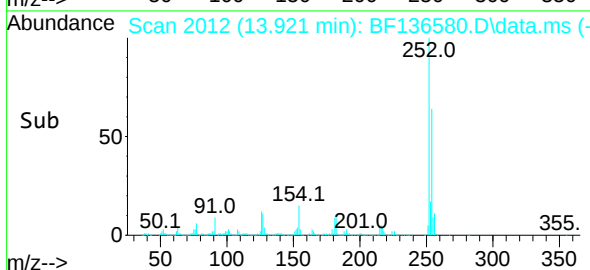
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

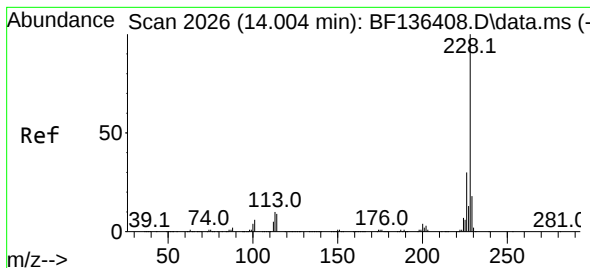


#82
3,3'-Dichlorobenzidine
Concen: 54.267 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24



Tgt Ion:252 Resp: 248912
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 11.9 8.6 12.8





#83

Chrysene

Concen: 43.055 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136580.D

Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMSD

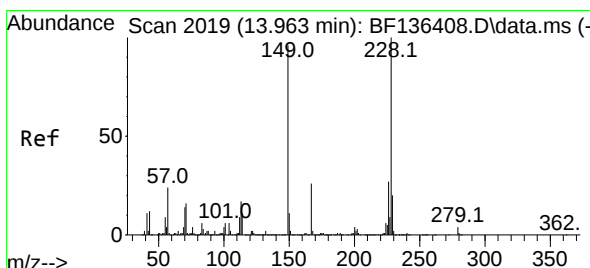
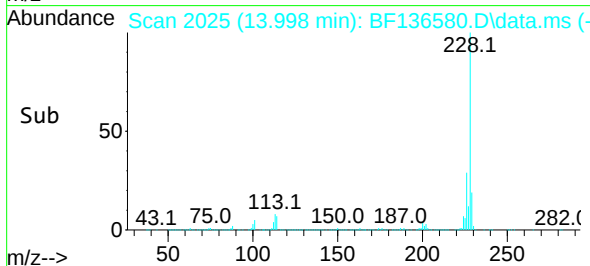
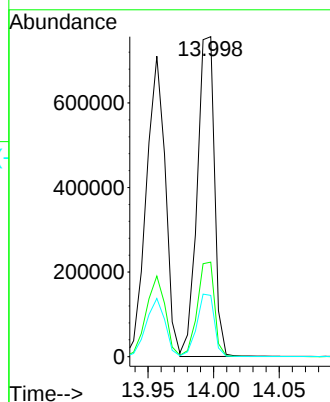
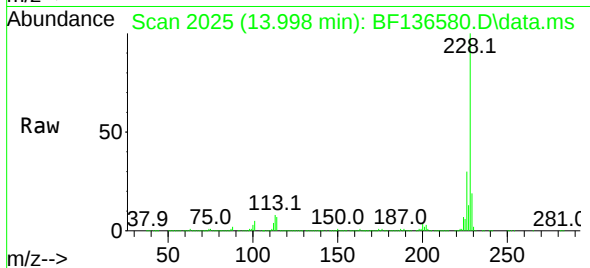
Tgt Ion:	228	Resp:	69298
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.8	35.6
229	19.2	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.580 ng

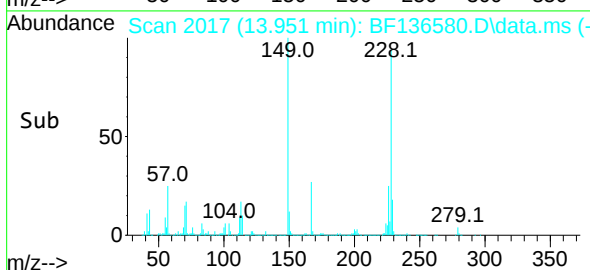
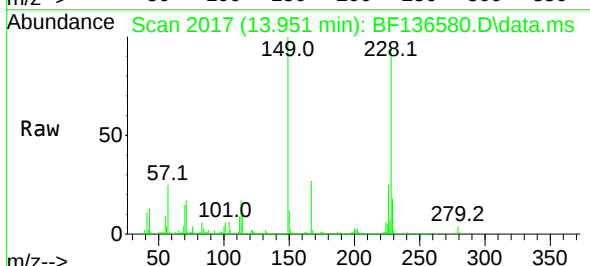
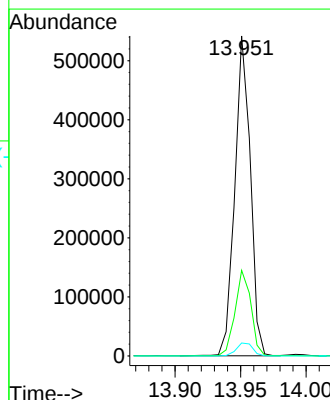
RT: 13.951 min Scan# 2017

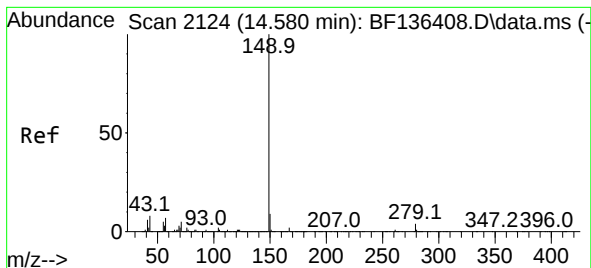
Delta R.T. -0.000 min

Lab File: BF136580.D

Acq: 14 Dec 2023 21:24

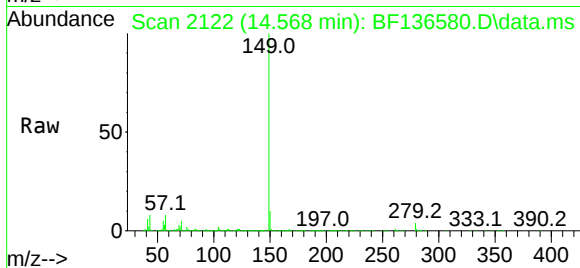
Tgt Ion:	149	Resp:	447480
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.2	31.8
279	4.0	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 51.914 ng
RT: 14.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

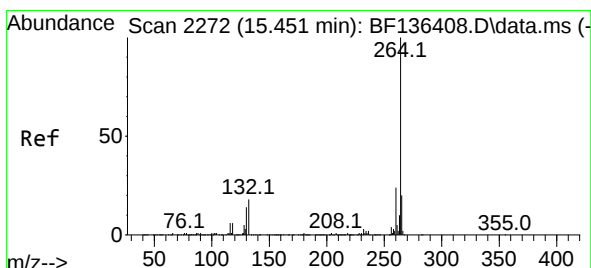
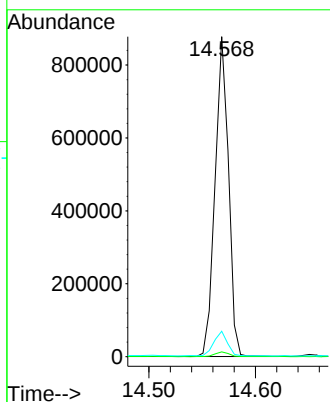
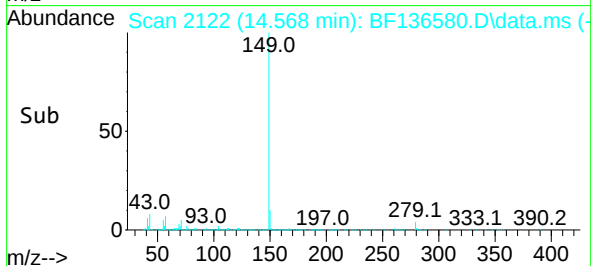
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



Tgt Ion:149 Resp: 769719
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.9 6.8 10.2

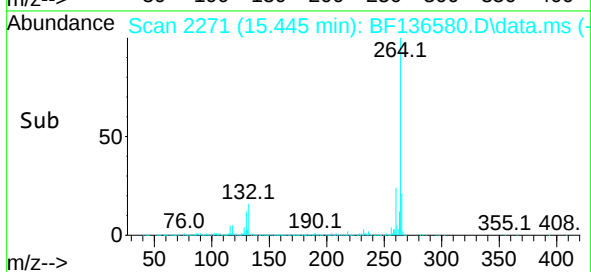
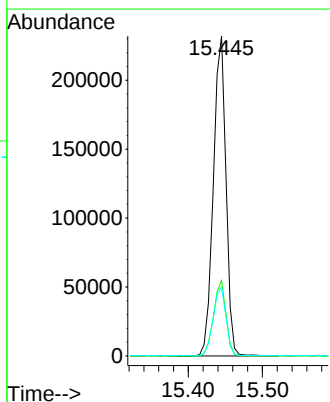
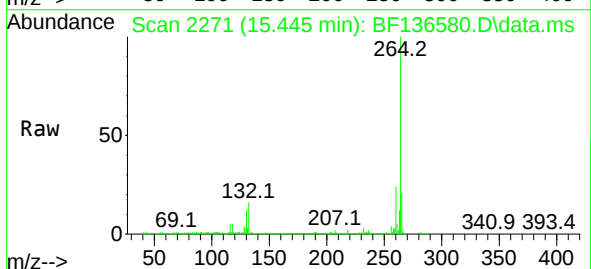
Manual Integrations
APPROVED

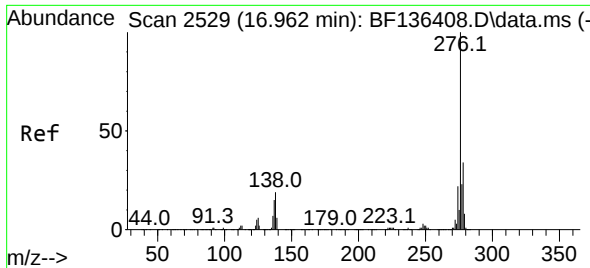
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Tgt Ion:264 Resp: 274300
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.5 15.9 23.9





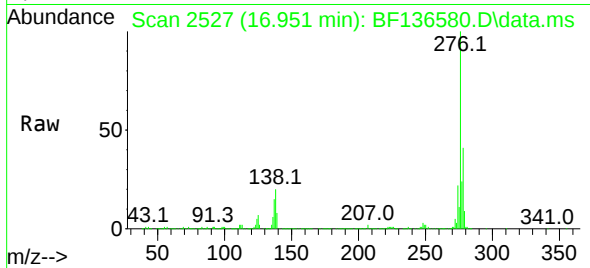
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.003 ng
 RT: 16.951 min Scan# 2197
 Delta R.T. 0.006 min
 Lab File: BF136580.D
 Acq: 14 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMSD

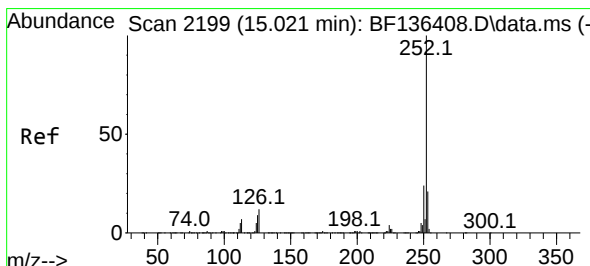
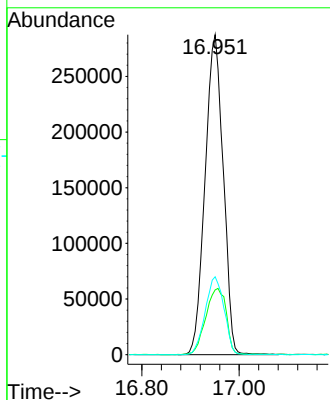
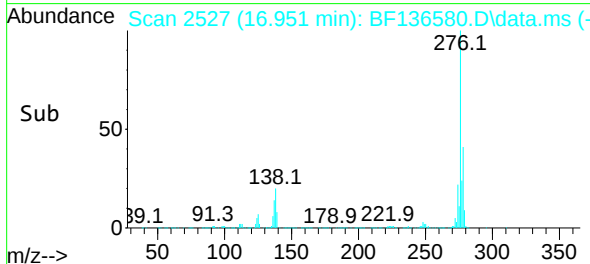


Tgt Ion:276 Resp: 743249
 Ion Ratio Lower Upper
 276 100
 138 23.4 19.0 28.4
 277 25.4 20.0 30.0

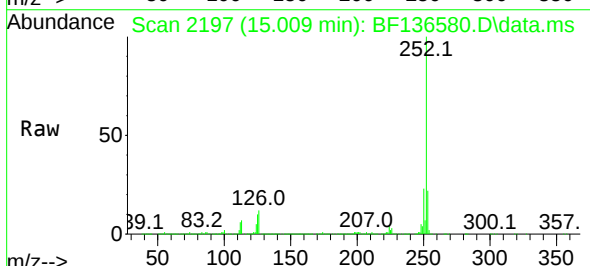
Manual Integrations

APPROVED

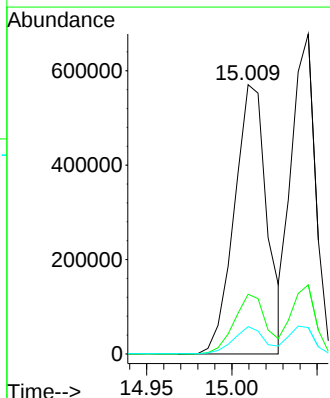
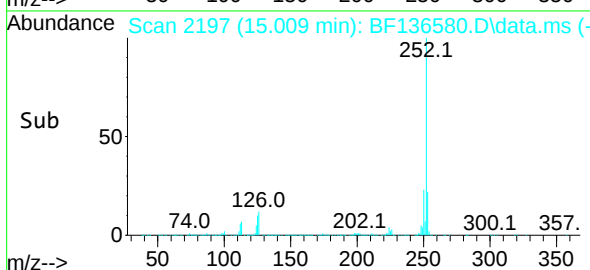
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

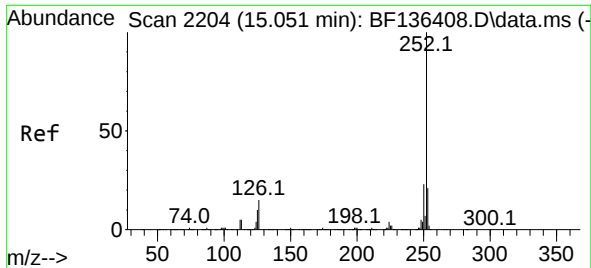


#88
 Benzo(b)fluoranthene
 Concen: 40.638 ng
 RT: 15.009 min Scan# 2197
 Delta R.T. -0.000 min
 Lab File: BF136580.D
 Acq: 14 Dec 2023 21:24



Tgt Ion:252 Resp: 762156
 Ion Ratio Lower Upper
 252 100
 253 22.2 16.9 25.3
 125 10.1 7.4 11.2





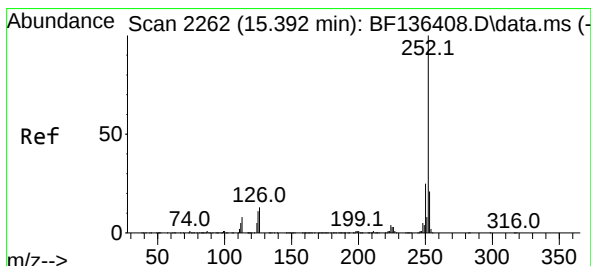
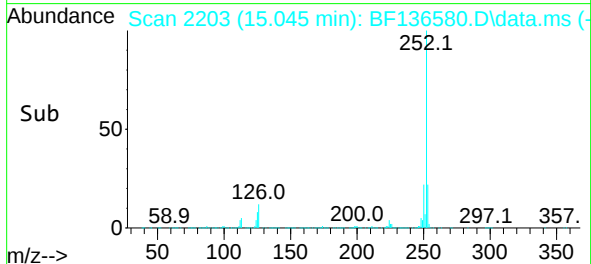
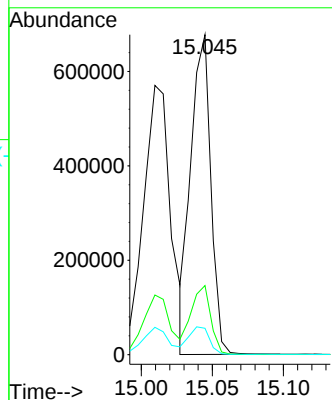
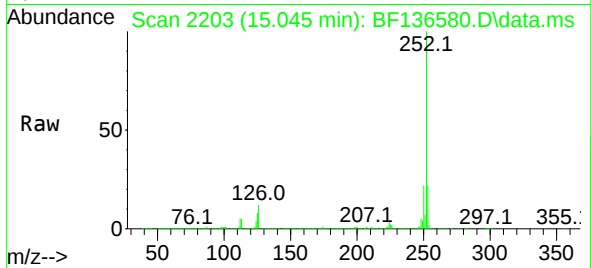
#89
Benzo(k)fluoranthene
Concen: 37.481 ng
RT: 15.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD

Tgt Ion:252 Resp: 66246
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 8.3 7.5 11.3

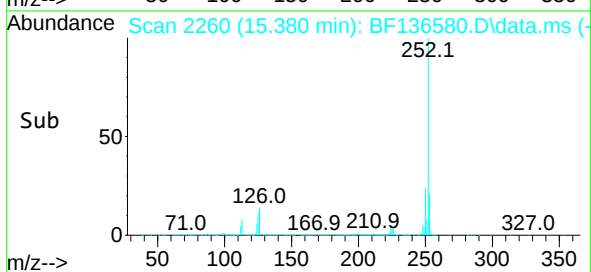
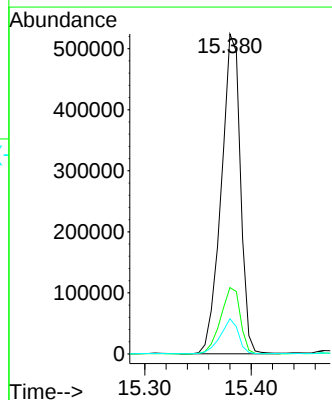
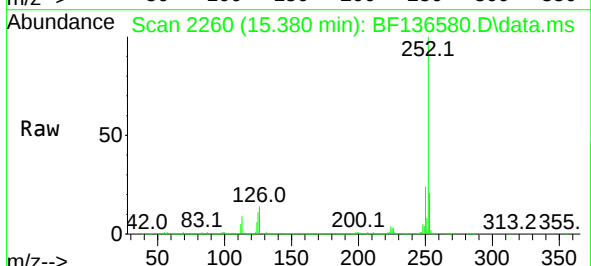
Manual Integrations
APPROVED

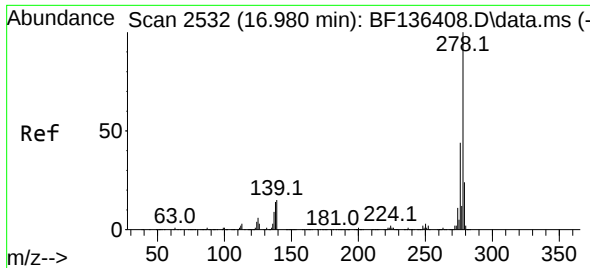
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#90
Benzo(a)pyrene
Concen: 42.147 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

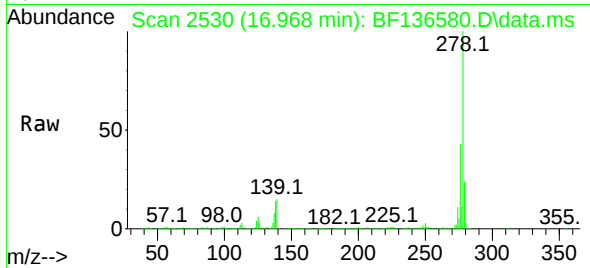
Tgt Ion:252 Resp: 652796
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.4
125 11.0 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 39.861 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

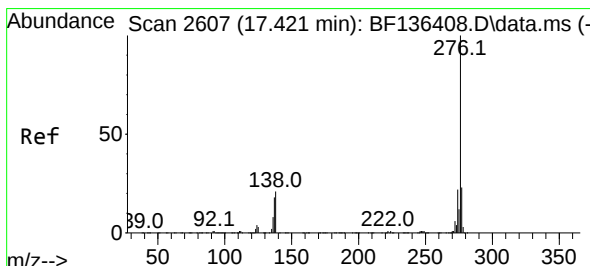
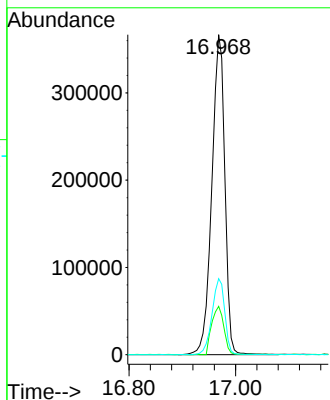
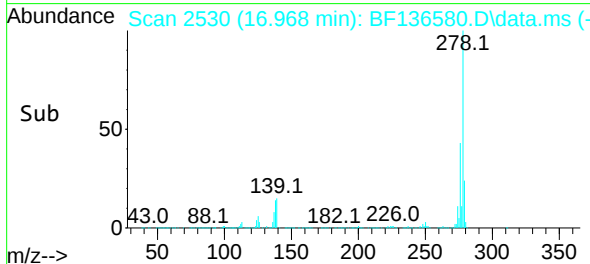
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD



Tgt Ion:278 Resp: 62229
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 23.8 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#92
Benzo(g,h,i)perylene
Concen: 35.321 ng
RT: 17.403 min Scan# 2604
Delta R.T. -0.000 min
Lab File: BF136580.D
Acq: 14 Dec 2023 21:24

Tgt Ion:276 Resp: 565973
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 21.0 16.6 25.0

