

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136526.D
 Acq On : 12 Dec 2023 20:31
 Operator : CG\JU
 Sample : 05726-05MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 23:20:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	91881	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	343289	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	157512	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	260749	20.000	ng	0.00
76) Chrysene-d12	13.980	240	217430	20.000	ng	0.00
86) Perylene-d12	15.456	264	227507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	544687	87.549	ng	0.01
7) Phenol-d6	6.445	99	644333	83.008	ng	0.00
23) Nitrobenzene-d5	7.357	82	390959	61.567	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	157876	81.290	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	736283	63.783	ng	-0.01
79) Terphenyl-d14	12.915	244	702012	42.555	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	102430	41.625	ng	98
3) Pyridine	3.381	79	239688	40.221	ng	94
4) n-Nitrosodimethylamine	3.351	42	110495	42.677	ng	100
6) Aniline	6.463	93	188645	24.047	ng	# 87
8) 2-Chlorophenol	6.586	128	281075	41.383	ng	98
9) Benzaldehyde	6.351	77	95925	21.843	ng	96
10) Phenol	6.457	94	327196	39.613	ng	96
11) bis(2-Chloroethyl)ether	6.539	93	246889	40.101	ng	95
12) 1,3-Dichlorobenzene	6.739	146	304539	39.870	ng	99
13) 1,4-Dichlorobenzene	6.816	146	311107	40.151	ng	99
14) 1,2-Dichlorobenzene	6.963	146	291203	39.966	ng	100
15) Benzyl Alcohol	6.939	79	215368	41.434	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	292561	36.947	ng	96
17) 2-Methylphenol	7.057	107	215896	39.345	ng	97
18) Hexachloroethane	7.304	117	100990	37.331	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	167184	37.337	ng	99
20) 3+4-Methylphenols	7.210	107	260003	38.174	ng	89
22) Acetophenone	7.204	105	374234	44.146	ng	# 98
24) Nitrobenzene	7.380	77	259978	40.698	ng	94
25) Isophorone	7.616	82	458745	40.210	ng	99
26) 2-Nitrophenol	7.692	139	137013	43.628	ng	96
27) 2,4-Dimethylphenol	7.733	122	200705	51.830	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	292565	41.733	ng	97
29) 2,4-Dichlorophenol	7.933	162	214322	41.931	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	243684	40.886	ng	96
31) Naphthalene	8.098	128	774911	40.933	ng	99
32) Benzoic acid	7.851	122	136636	35.569	ng	97
33) 4-Chloroaniline	8.145	127	72060	10.677	ng	98
34) Hexachlorobutadiene	8.210	225	140379	39.742	ng	98
35) Caprolactam	8.516	113	64372m	40.896	ng	
36) 4-Chloro-3-methylphenol	8.639	107	216571	39.905	ng	98
37) 2-Methylnaphthalene	8.786	142	472861	39.262	ng	94
38) 1-Methylnaphthalene	8.886	142	454507	38.458	ng	96
40) 1,2,4,5-Tetrachloroben...	8.951	216	234686	47.891	ng	98
41) Hexachlorocyclopentadiene	8.939	237	87756	48.338	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	141137	44.233	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136526.D
 Acq On : 12 Dec 2023 20:31
 Operator : CG\JU
 Sample : 05726-05MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Quant Time: Dec 12 23:20:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	152736	42.888	ng	97
46) 1,1'-Biphenyl	9.251	154	606545	45.256	ng	98
47) 2-Chloronaphthalene	9.274	162	445150	42.673	ng	96
48) 2-Nitroaniline	9.374	65	121385	43.386	ng	94
49) Acenaphthylene	9.692	152	690781	46.486	ng	98
50) Dimethylphthalate	9.557	163	501307	43.229	ng	98
51) 2,6-Dinitrotoluene	9.622	165	108646	41.644	ng	89
52) Acenaphthene	9.863	154	400323	42.040	ng	97
53) 3-Nitroaniline	9.786	138	67714	25.417	ng	96
54) 2,4-Dinitrophenol	9.898	184	37541	28.460	ng	98
55) Dibenzofuran	10.039	168	587583	42.238	ng	99
56) 4-Nitrophenol	9.963	139	162122	81.176	ng	94
57) 2,4-Dinitrotoluene	10.027	165	139127	40.312	ng	93
58) Fluorene	10.380	166	453074	40.573	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	112807	39.545	ng	99
60) Diethylphthalate	10.257	149	462860	40.590	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	221498	40.688	ng	98
62) 4-Nitroaniline	10.404	138	89911	33.988	ng	97
63) Azobenzene	10.533	77	397684	38.315	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	31284	19.373	ng	85
66) n-Nitrosodiphenylamine	10.498	169	392405	46.900	ng	98
67) 4-Bromophenyl-phenylether	10.868	248	134344	44.314	ng	99
68) Hexachlorobenzene	10.927	284	149353	42.625	ng	99
69) Atrazine	11.027	200	127089	53.219	ng	98
70) Pentachlorophenol	11.127	266	153717	77.732	ng	98
71) Phenanthrene	11.345	178	668440	46.640	ng	99
72) Anthracene	11.398	178	636334	44.082	ng	98
73) Carbazole	11.557	167	556507	43.557	ng	99
74) Di-n-butylphthalate	11.892	149	662380	42.290	ng	100
75) Fluoranthene	12.539	202	745332	49.626	ng	97
77) Benzidine	12.668	184	323609	53.222	ng	98
78) Pyrene	12.774	202	767857	36.059	ng	98
80) Butylbenzylphthalate	13.398	149	271170	35.773	ng	98
81) Benzo(a)anthracene	13.968	228	721721	47.653	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	223822	52.708	ng	99
83) Chrysene	14.004	228	688077	46.177	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	372366	40.070	ng	98
85) Di-n-octyl phthalate	14.580	149	704496	51.324	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	521157	32.973	ng	98
88) Benzo(b)fluoranthene	15.027	252	720930	46.346	ng	99
89) Benzo(k)fluoranthene	15.056	252	647291	44.155	ng	99
90) Benzo(a)pyrene	15.398	252	592535	46.125	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	423385	32.698	ng	98
92) Benzo(g,h,i)perylene	17.415	276	387224	29.136	ng	100

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

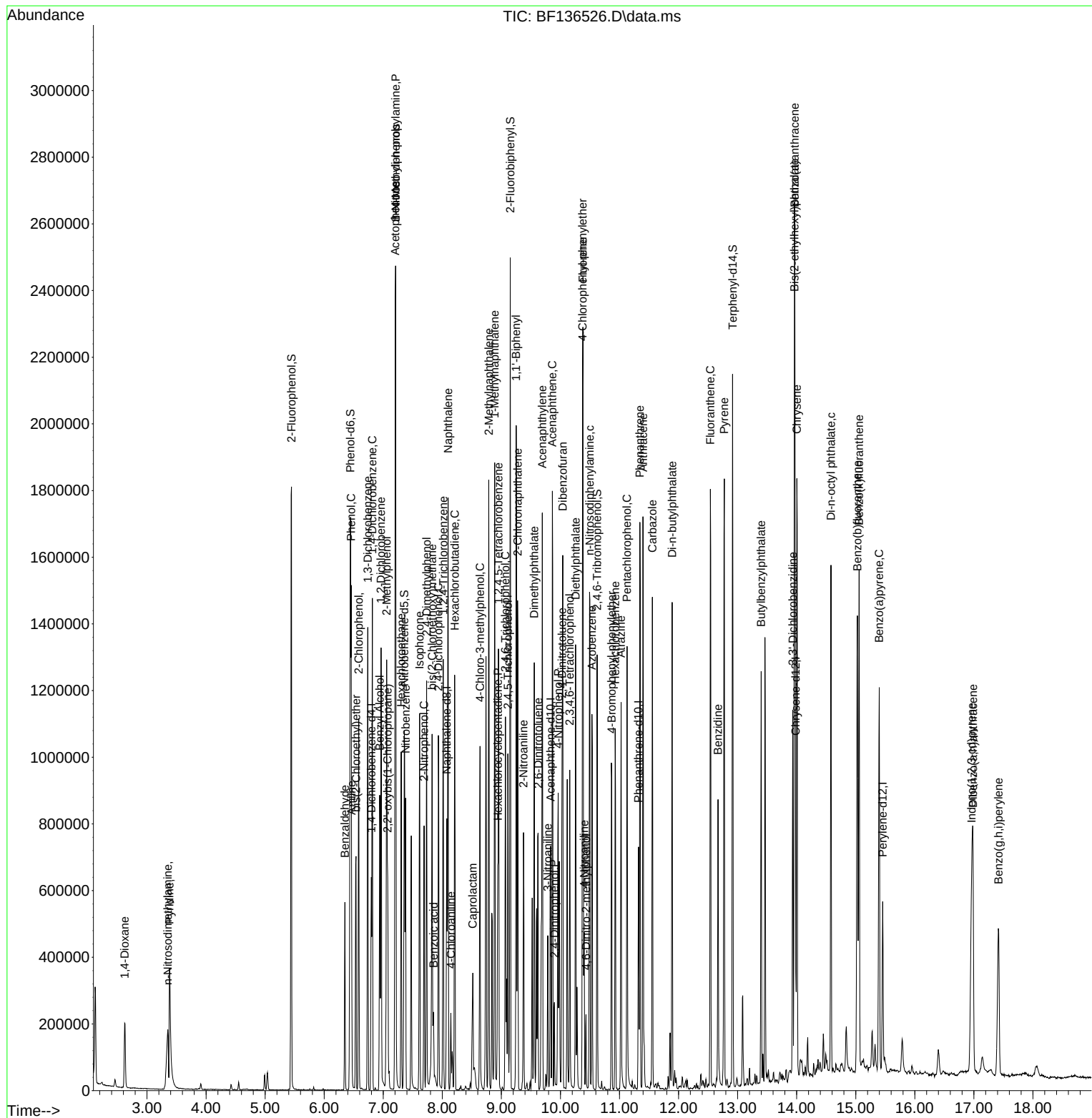
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136526.D
 Acq On : 12 Dec 2023 20:31
 Operator : CG\JU
 Sample : 05726-05MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

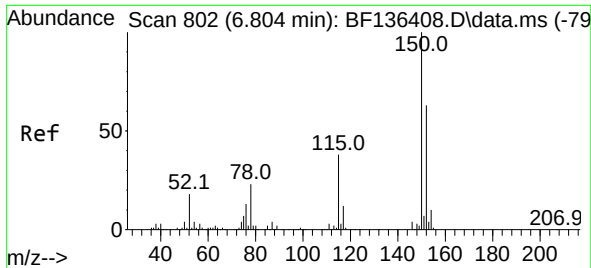
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Manual Integrations APPROVED

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

Quant Time: Dec 12 23:20:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136526.D
 Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

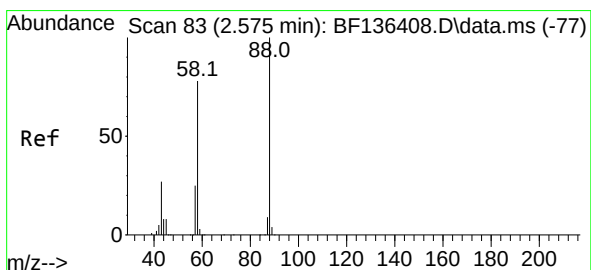
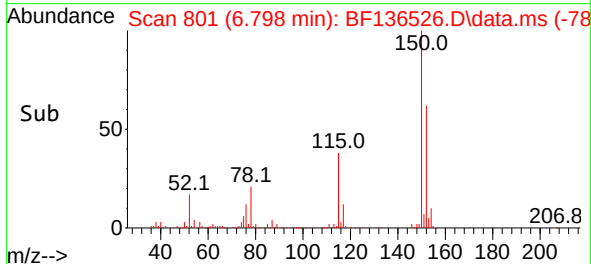
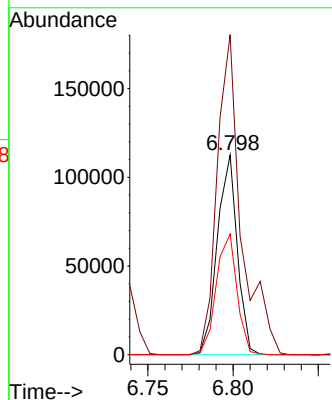
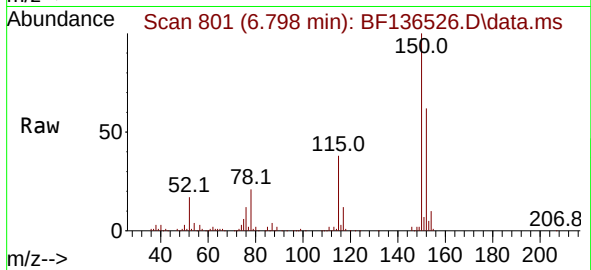
WC-2MSD

Tgt Ion:152 Resp: 9188
 Ion Ratio Lower Upper
 152 100
 150 160.3 126.4 189.6
 115 60.5 48.2 72.4

Manual Integrations

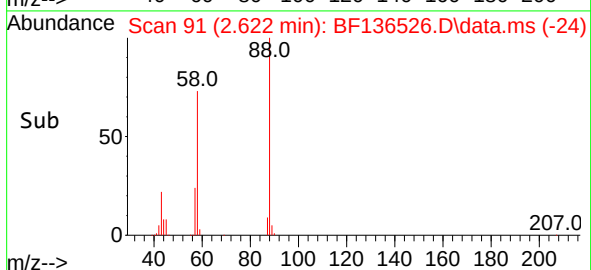
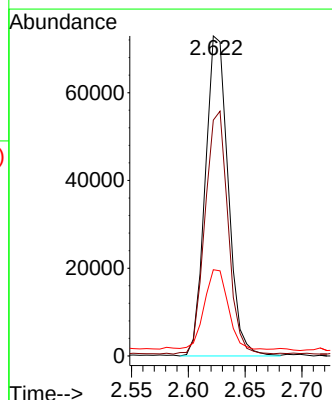
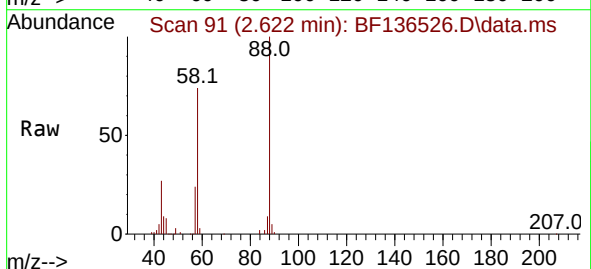
APPROVED

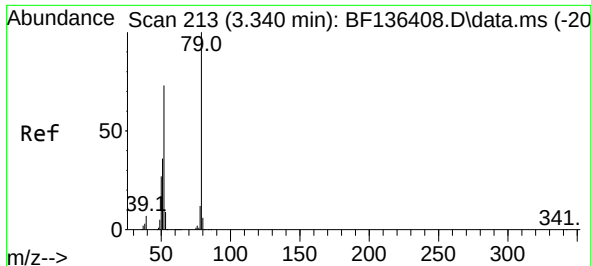
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#2
 1,4-Dioxane
 Concen: 41.625 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.047 min
 Lab File: BF136526.D
 Acq: 12 Dec 2023 20:31

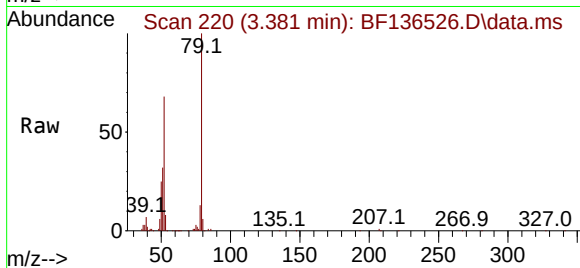
Tgt Ion: 88 Resp: 102430
 Ion Ratio Lower Upper
 88 100
 58 75.6 62.2 93.2
 43 25.9 21.5 32.3





#3
 Pyridine
 Concen: 40.221 ng
 RT: 3.381 min Scan# 213
 Delta R.T. 0.041 min
 Lab File: BF136526.D
 Acq: 12 Dec 2023 20:31

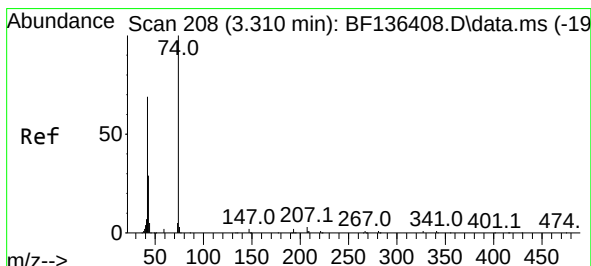
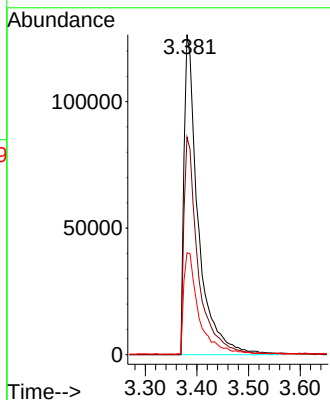
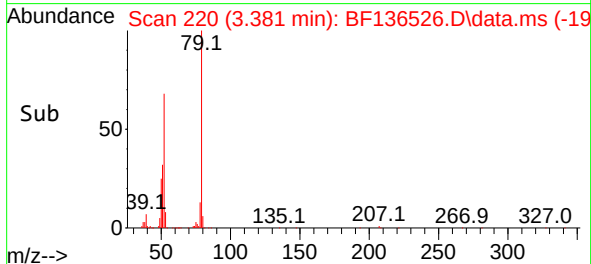
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD



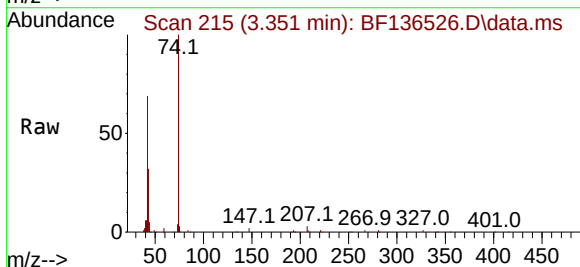
Tgt Ion: 79 Resp: 239688
 Ion Ratio Lower Upper
 79 100
 52 68.0 58.2 87.2
 51 31.9 29.1 43.7

Manual Integrations
 APPROVED

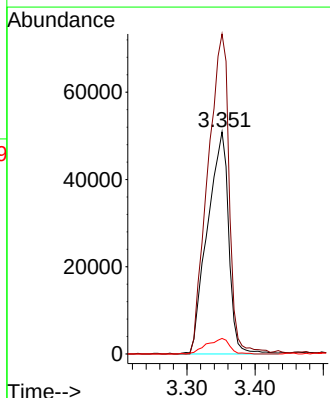
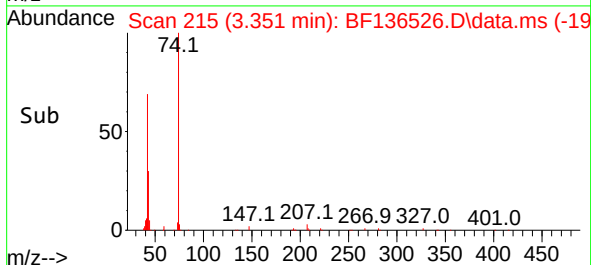
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

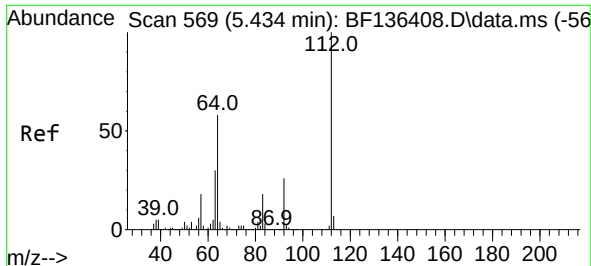


#4
 n-Nitrosodimethylamine
 Concen: 42.677 ng
 RT: 3.351 min Scan# 215
 Delta R.T. 0.041 min
 Lab File: BF136526.D
 Acq: 12 Dec 2023 20:31



Tgt Ion: 42 Resp: 110495
 Ion Ratio Lower Upper
 42 100
 74 144.1 115.4 173.0
 44 7.0 6.2 9.2





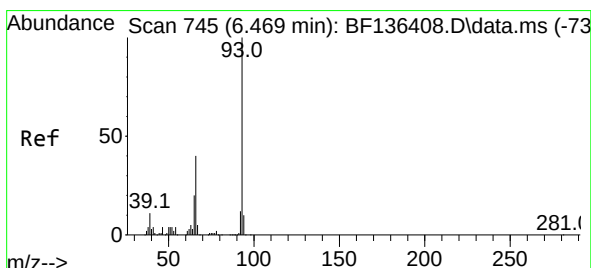
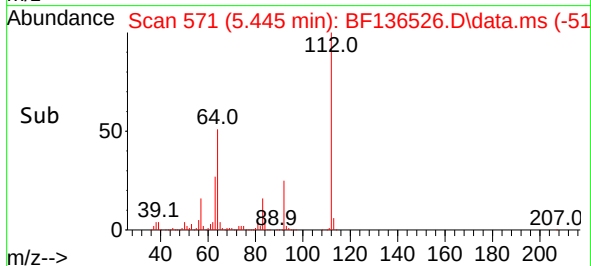
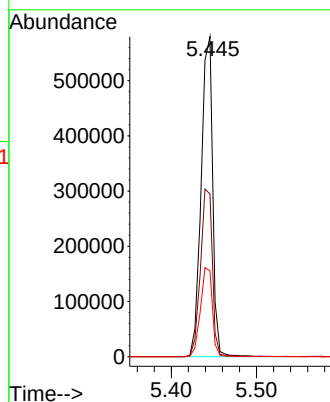
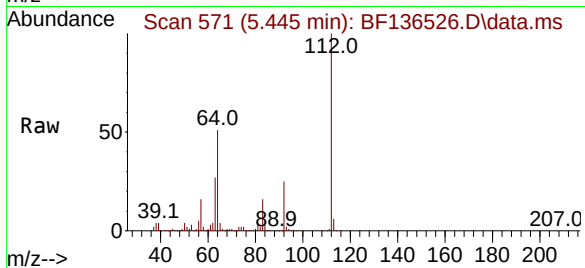
#5
2-Fluorophenol
Concen: 87.549 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:112 Resp: 54468
Ion Ratio Lower Upper
112 100
64 50.9 46.5 69.7
63 26.8 23.9 35.9

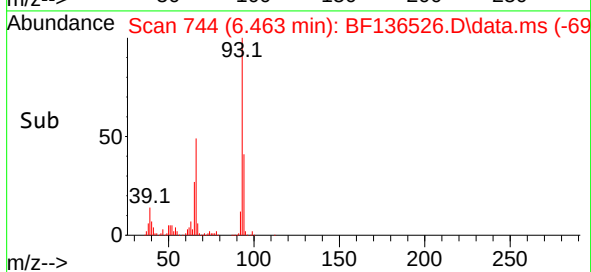
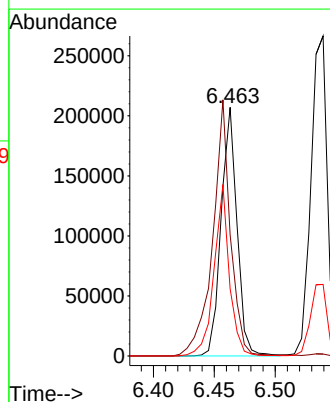
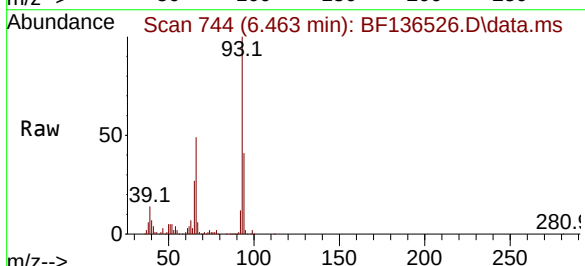
Manual Integrations
APPROVED

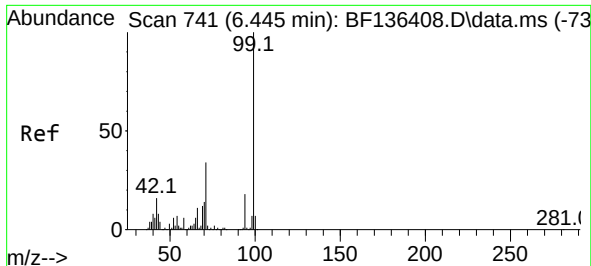
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#6
Aniline
Concen: 24.047 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

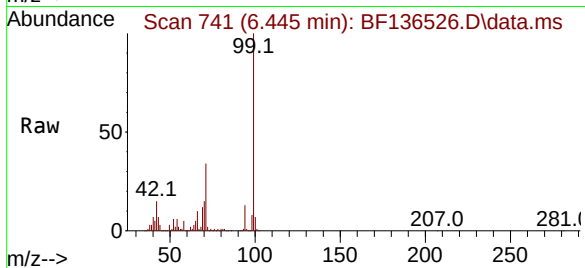
Tgt Ion: 93 Resp: 188645
Ion Ratio Lower Upper
93 100
66 48.8 32.5 48.7#
65 27.0 16.4 24.6#





#7
Phenol-d6
Concen: 83.008 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

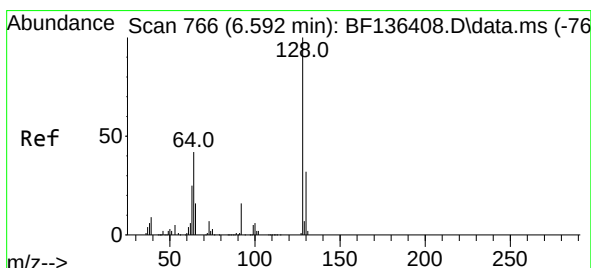
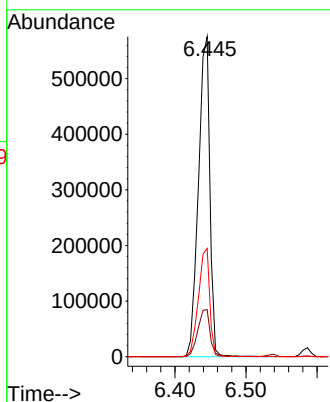
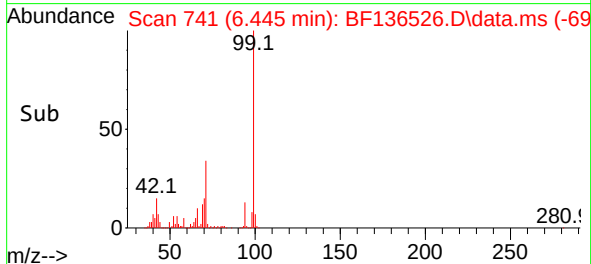
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



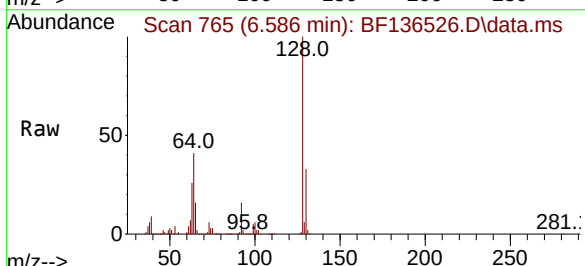
Tgt Ion: 99 Resp: 64433
Ion Ratio Lower Upper
99 100
42 14.7 12.8 19.2
71 33.8 27.0 40.4

Manual Integrations
APPROVED

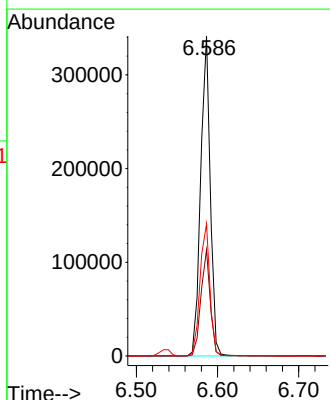
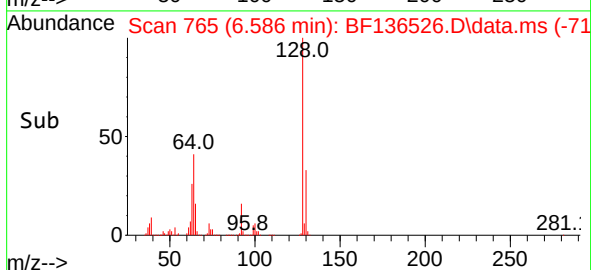
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

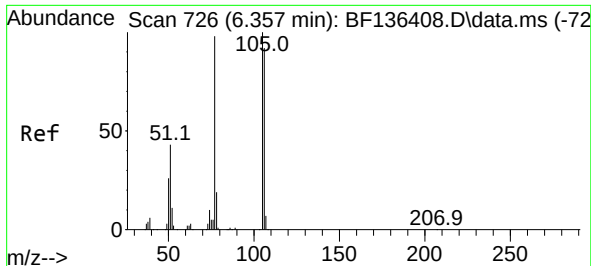


#8
2-Chlorophenol
Concen: 41.383 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31



Tgt Ion:128 Resp: 281075
Ion Ratio Lower Upper
128 100
130 33.2 11.7 51.7
64 41.3 22.5 62.5





#9

Benzaldehyde

Concen: 21.843 ng

RT: 6.351 min Scan# 725

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion: 77 Resp: 95925

Ion Ratio Lower Upper

77 100

105 103.8 82.5 122.5

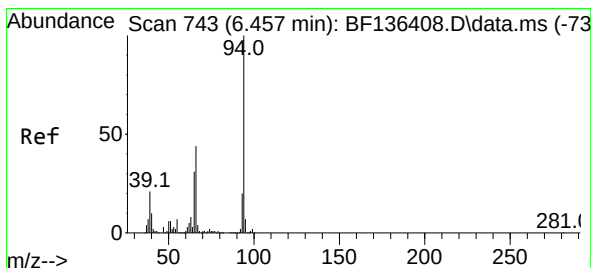
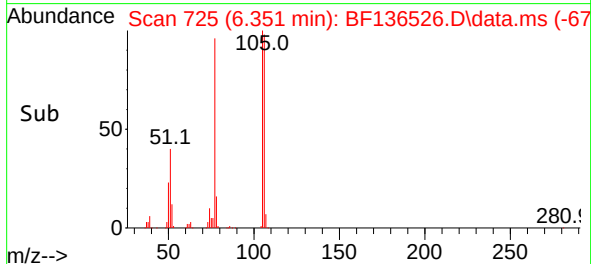
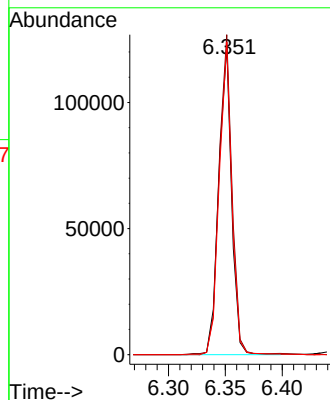
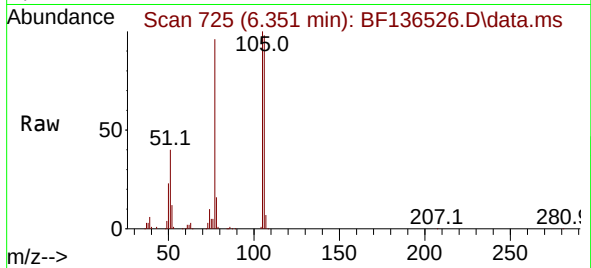
106 101.5 74.5 114.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#10

Phenol

Concen: 39.613 ng

RT: 6.457 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

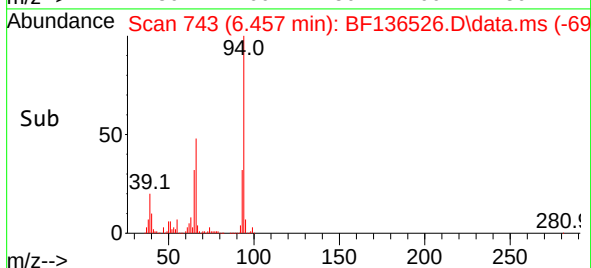
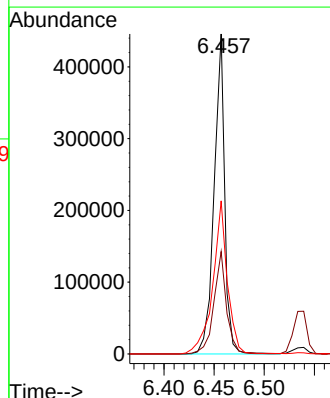
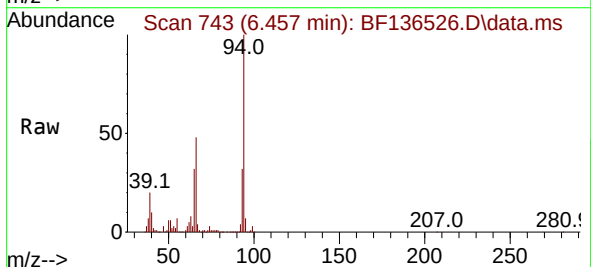
Tgt Ion: 94 Resp: 327196

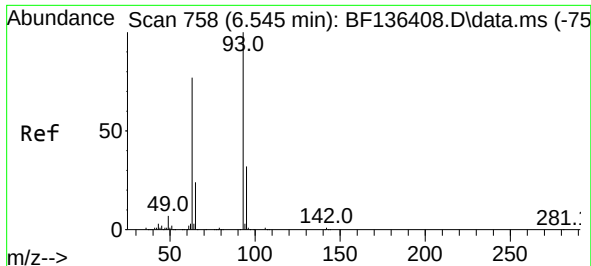
Ion Ratio Lower Upper

94 100

65 32.0 11.2 51.2

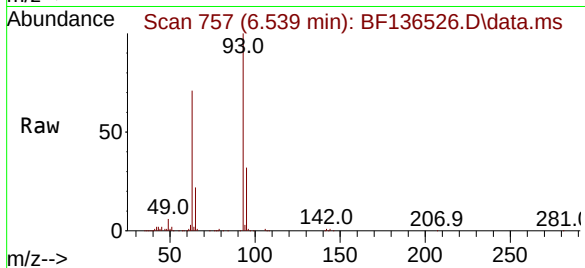
66 47.9 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 40.101 ng
RT: 6.539 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

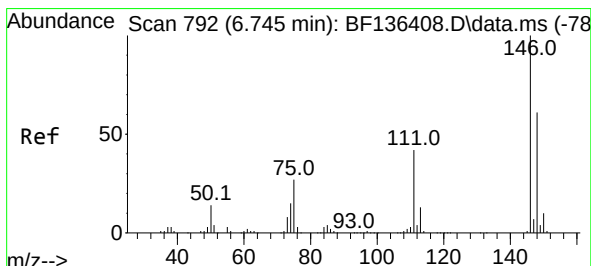
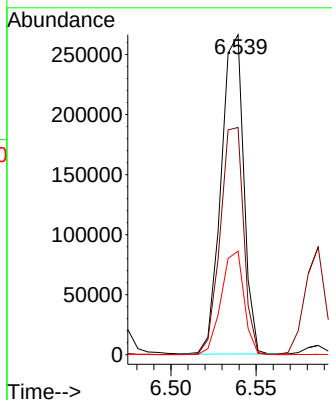
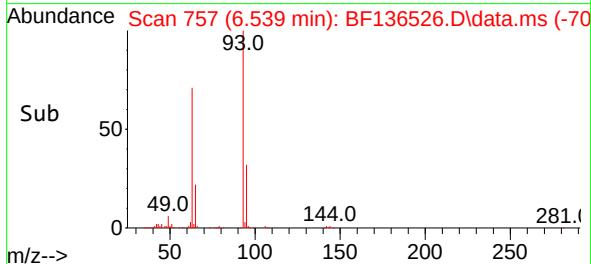
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion: 93 Resp: 246889
Ion Ratio Lower Upper
93 100
63 71.0 56.8 96.8
95 32.4 11.8 51.8

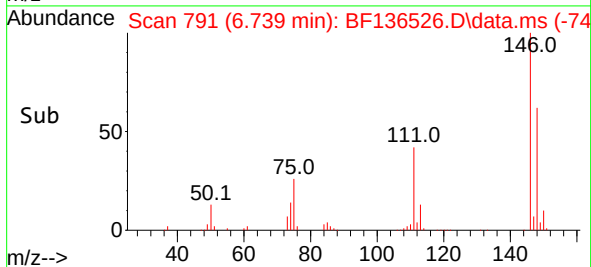
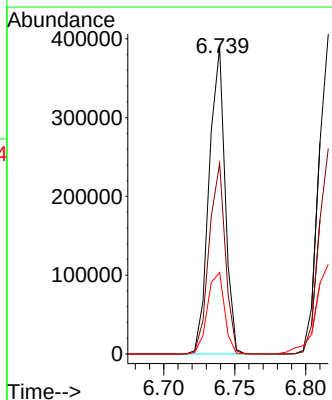
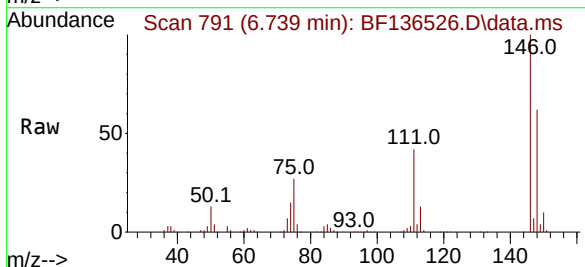
Manual Integrations
APPROVED

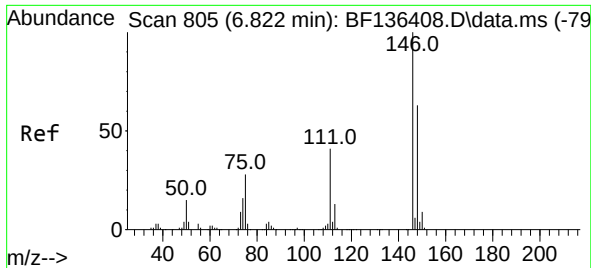
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#12
1,3-Dichlorobenzene
Concen: 39.870 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:146 Resp: 304539
Ion Ratio Lower Upper
146 100
148 62.1 49.0 73.6
75 26.6 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 40.151 ng

RT: 6.816 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:146 Resp: 31110

Ion Ratio Lower Upper

146 100

148 64.2 50.3 75.5

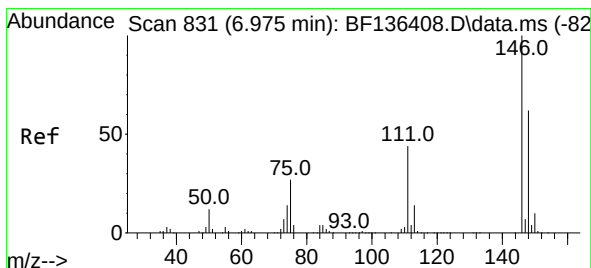
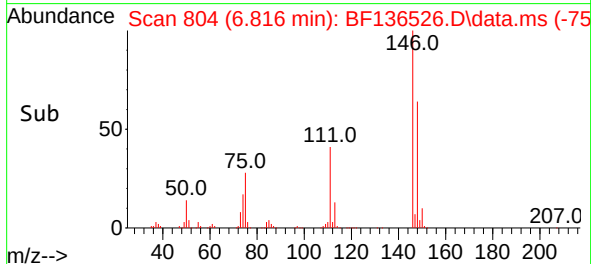
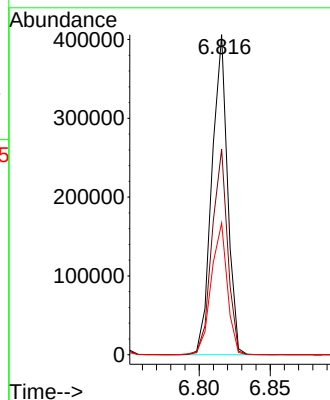
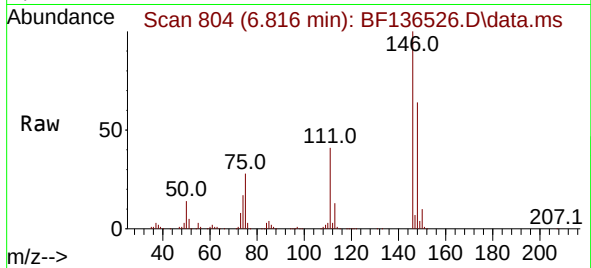
111 41.2 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#14

1,2-Dichlorobenzene

Concen: 39.966 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.012 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

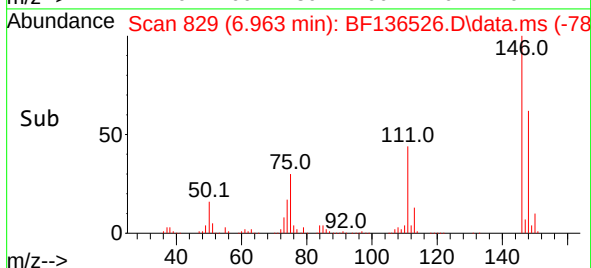
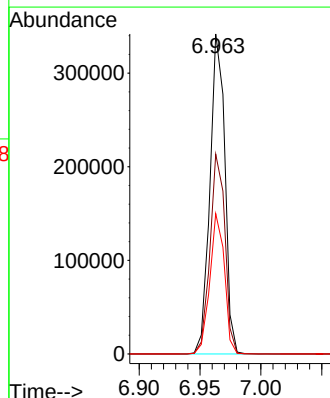
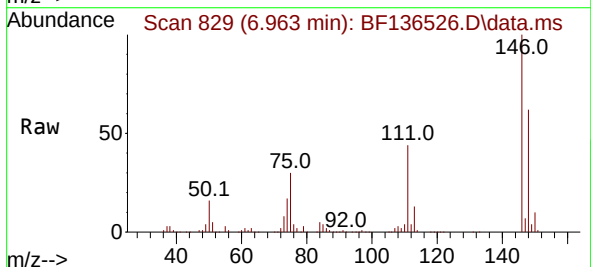
Tgt Ion:146 Resp: 291203

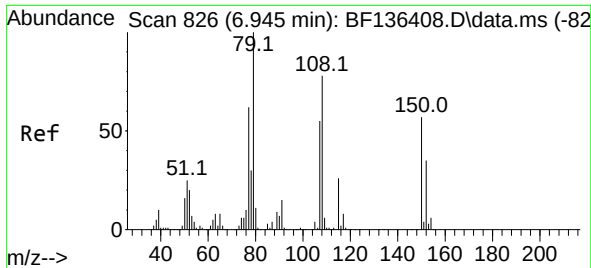
Ion Ratio Lower Upper

146 100

148 62.4 49.8 74.6

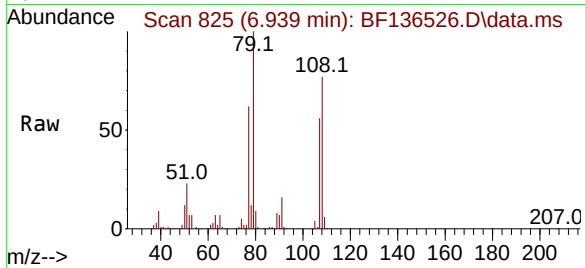
111 43.9 34.9 52.3





#15
Benzyl Alcohol
Concen: 41.434 ng
RT: 6.939 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

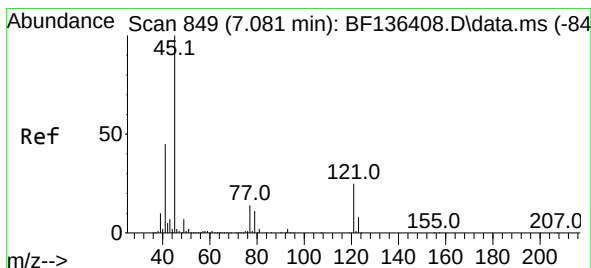
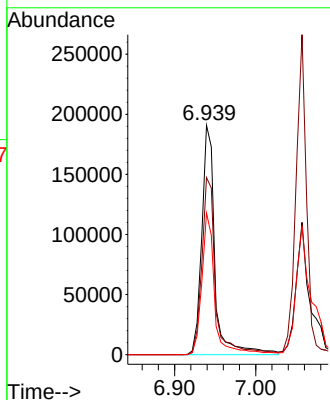
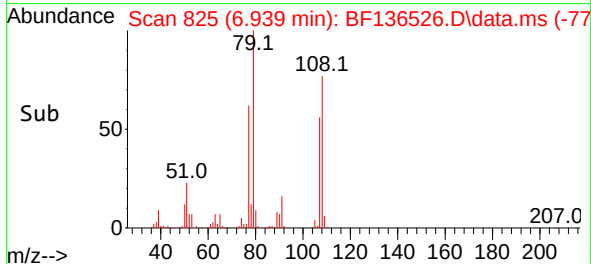
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



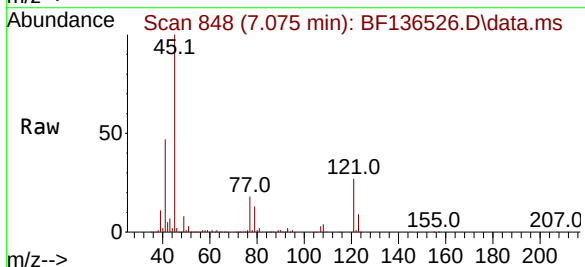
Tgt Ion: 79 Resp: 21536
Ion Ratio Lower Upper
79 100
108 77.2 62.3 93.5
77 61.7 49.8 74.8

Manual Integrations
APPROVED

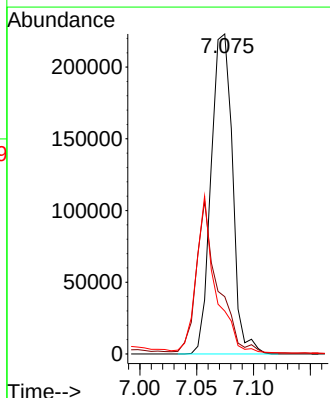
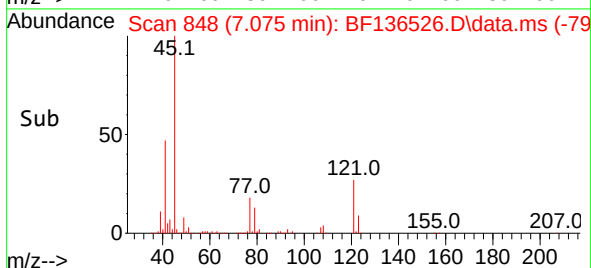
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

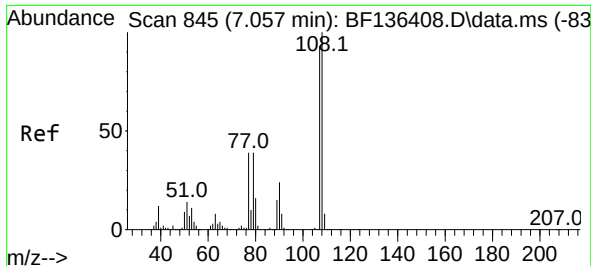


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.947 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31



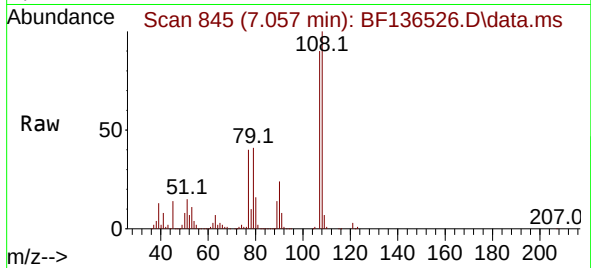
Tgt Ion: 45 Resp: 292561
Ion Ratio Lower Upper
45 100
77 17.9 0.0 35.3
79 13.4 0.0 32.5





#17
2-Methylphenol
Concen: 39.345 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

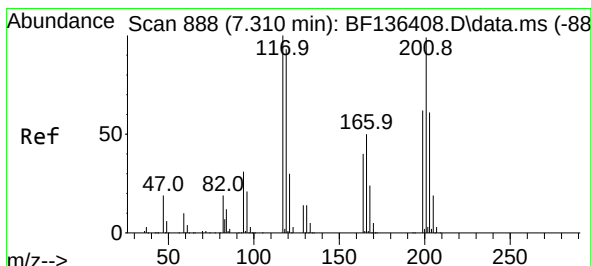
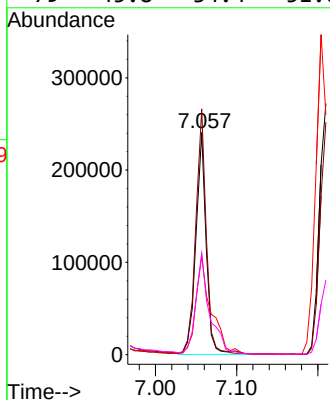
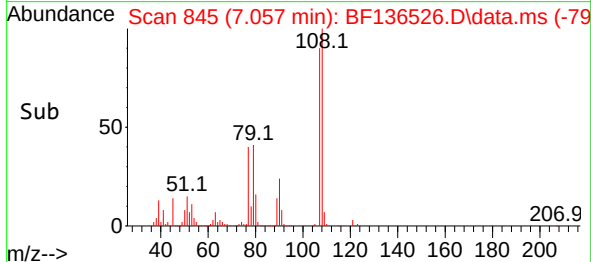
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:107 Resp: 215890
Ion Ratio Lower Upper
107 100
108 110.7 86.5 129.7
77 44.3 33.8 50.8
79 45.8 34.4 51.6

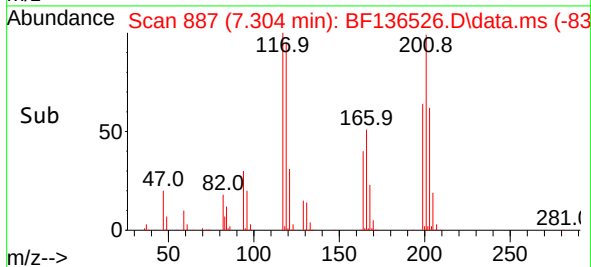
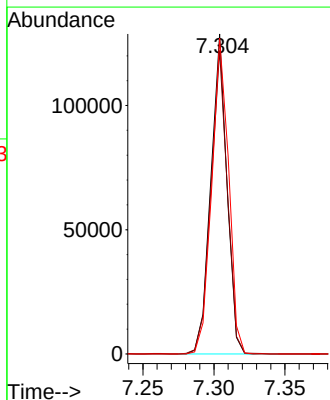
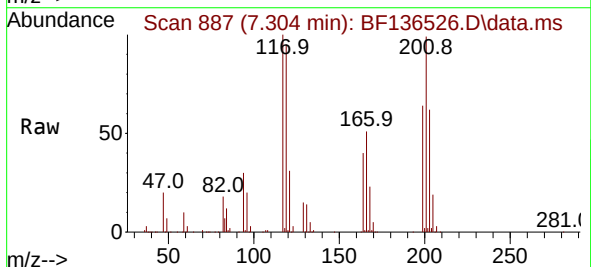
Manual Integrations
APPROVED

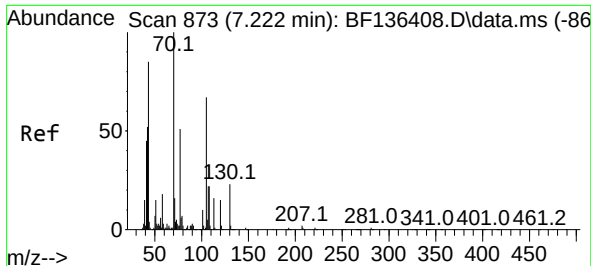
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#18
Hexachloroethane
Concen: 37.331 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:117 Resp: 100990
Ion Ratio Lower Upper
117 100
119 94.8 74.3 111.5
201 98.7 79.3 118.9





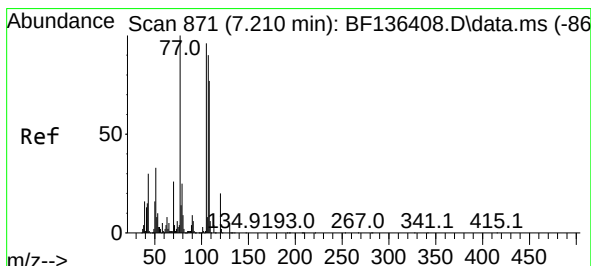
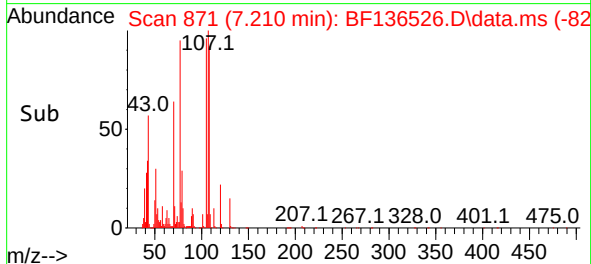
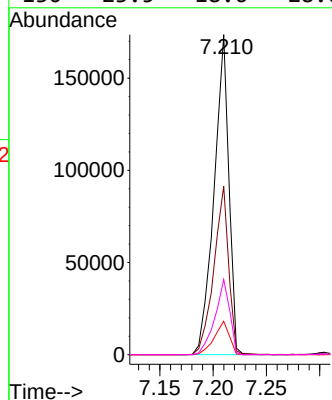
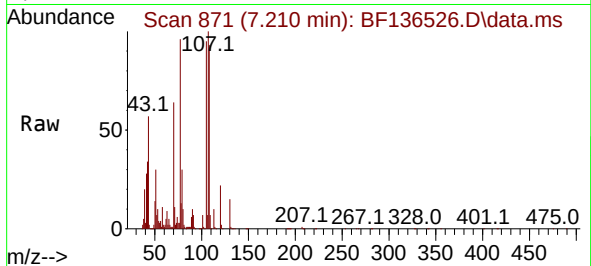
#19
n-Nitroso-di-n-propylamine
Concen: 37.337 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion: 70 Resp: 167184
Ion Ratio Lower Upper
70 100
42 52.7 41.4 62.0
101 10.4 8.2 12.4
130 23.5 18.6 28.0

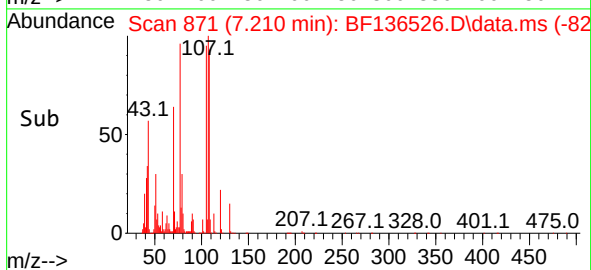
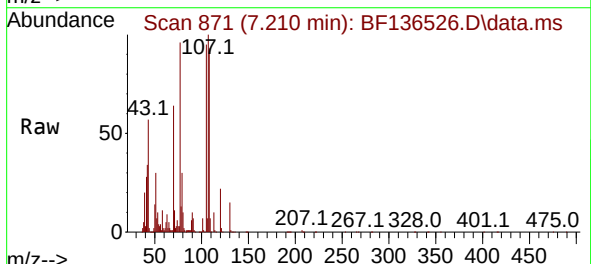
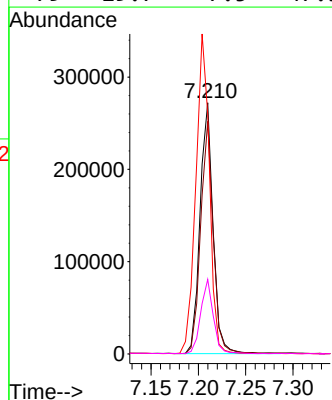
Manual Integrations
APPROVED

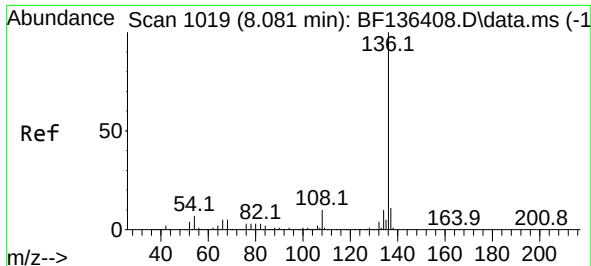
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#20
3+4-Methylphenols
Concen: 38.174 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

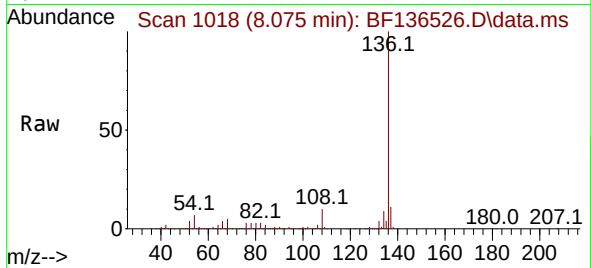
Tgt Ion:107 Resp: 260003
Ion Ratio Lower Upper
107 100
108 92.5 65.9 105.9
77 95.5 91.7 131.7
79 29.7 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

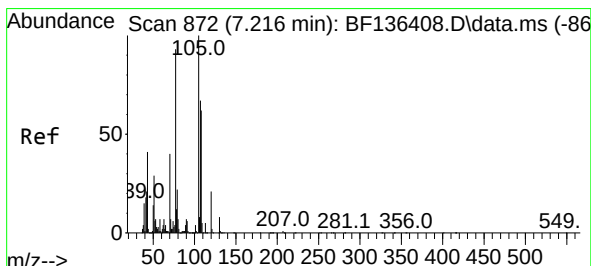
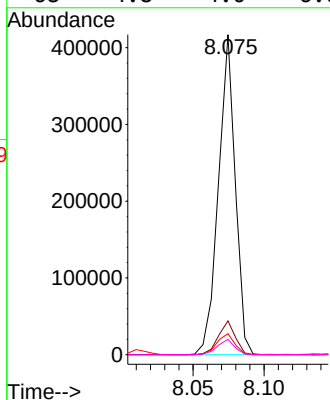
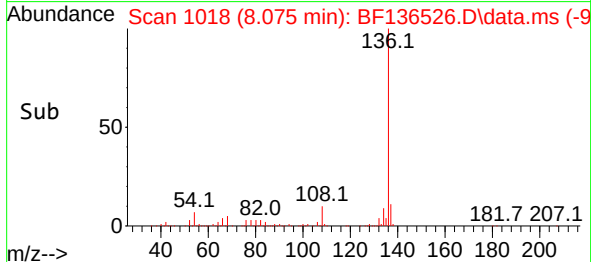
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:136 Resp: 343289
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.6 5.7 8.5
68 4.8 4.0 6.0

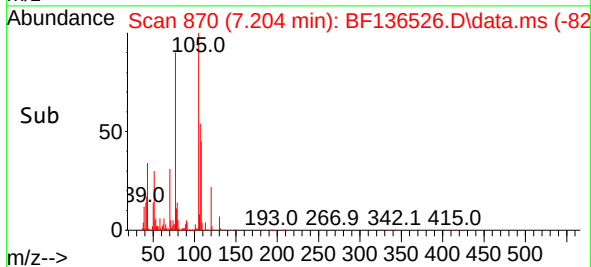
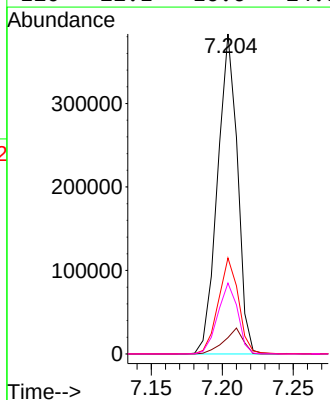
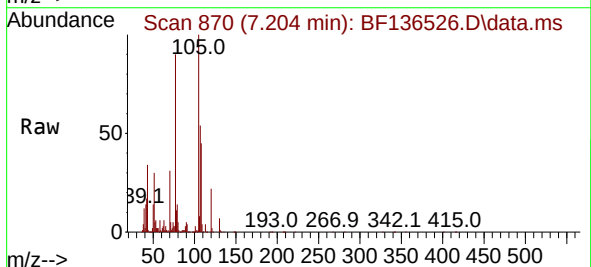
Manual Integrations
APPROVED

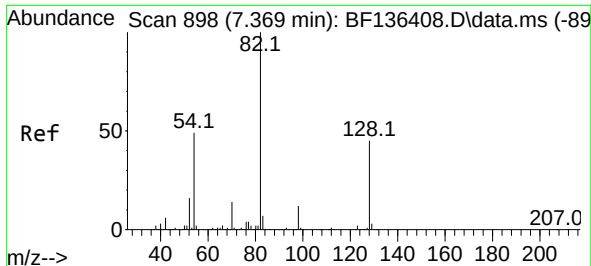
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#22
Acetophenone
Concen: 44.146 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

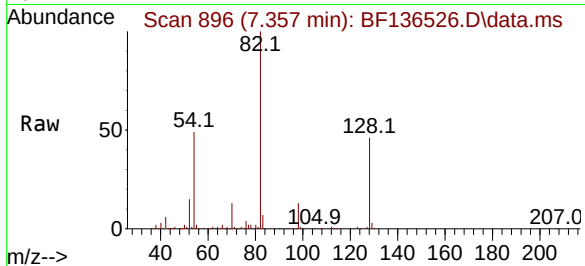
Tgt Ion:105 Resp: 374234
Ion Ratio Lower Upper
105 100
71 5.1 5.4 8.0#
51 30.0 23.4 35.2
120 22.1 16.6 24.8





#23
Nitrobenzene-d5
Concen: 61.567 ng
RT: 7.357 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

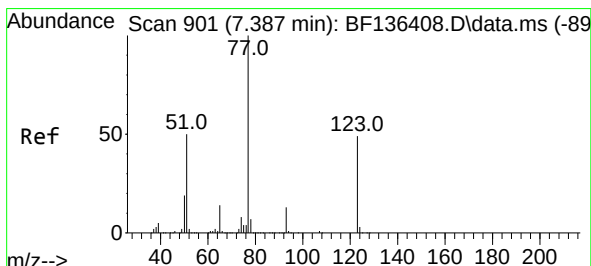
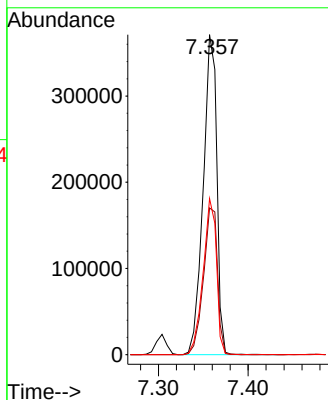
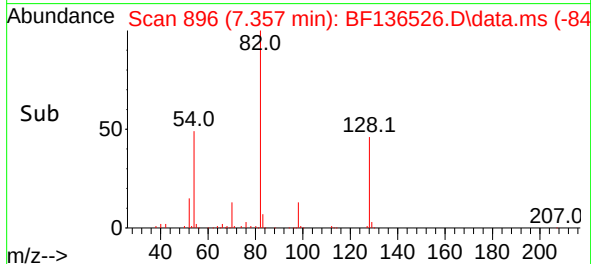
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion: 82 Resp: 390958
Ion Ratio Lower Upper
82 100
128 45.9 36.3 54.5
54 48.8 39.0 58.6

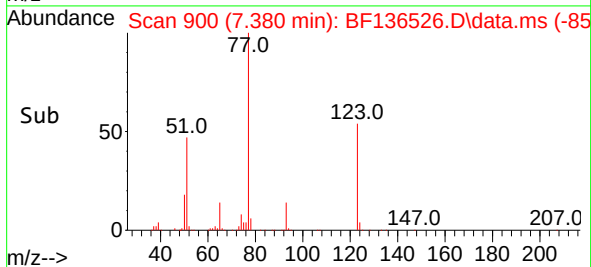
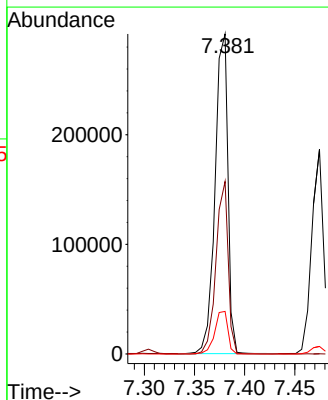
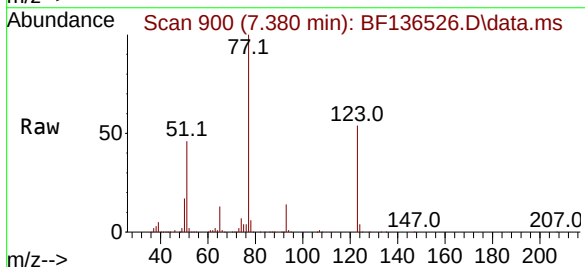
Manual Integrations
APPROVED

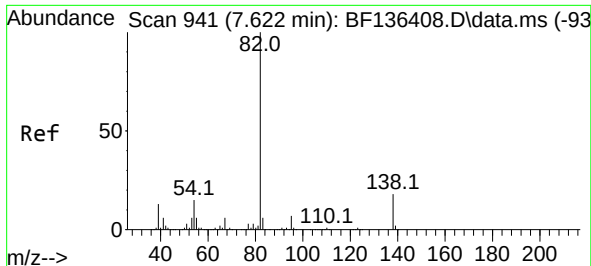
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#24
Nitrobenzene
Concen: 40.698 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion: 77 Resp: 259978
Ion Ratio Lower Upper
77 100
123 53.9 39.0 58.6
65 13.3 11.3 16.9





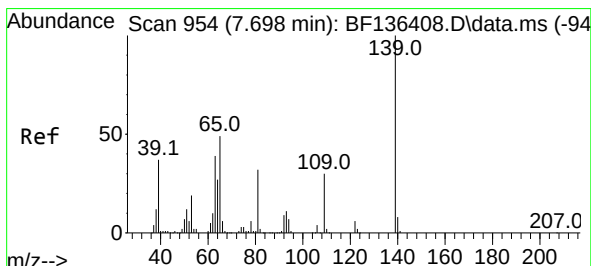
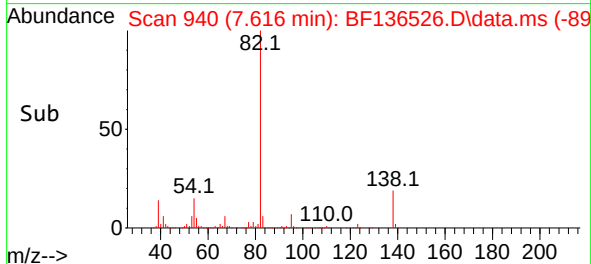
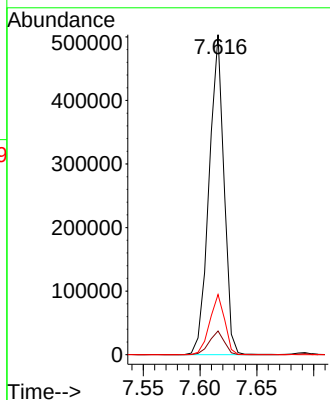
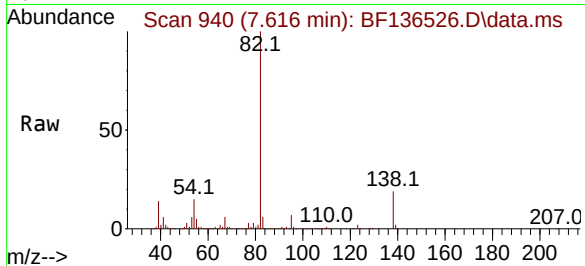
#25
Isophorone
Concen: 40.210 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion: 82 Resp: 458745
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.8 14.5 21.7

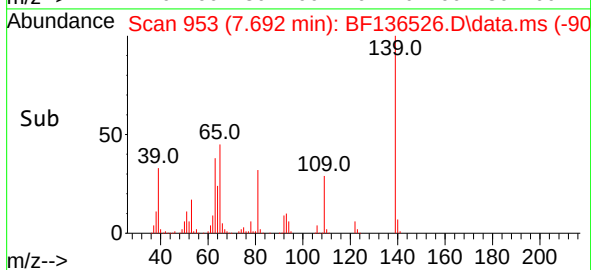
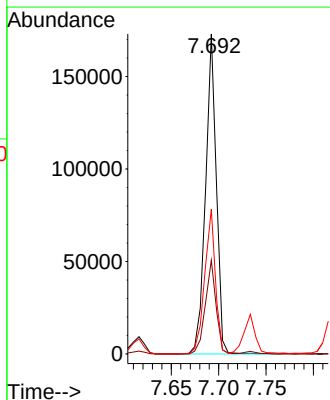
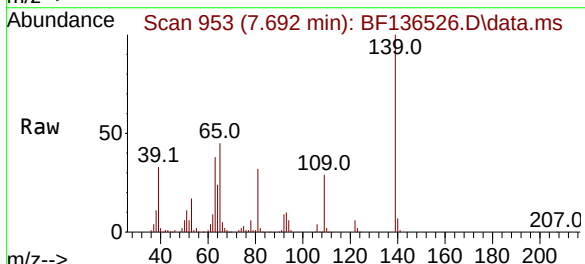
Manual Integrations
APPROVED

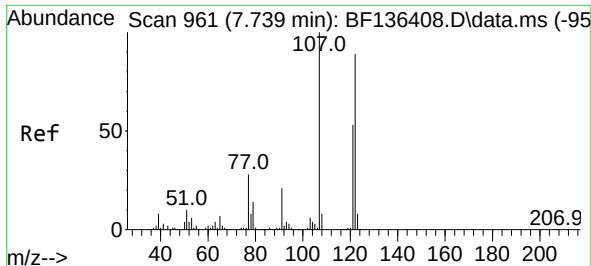
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#26
2-Nitrophenol
Concen: 43.628 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:139 Resp: 137013
Ion Ratio Lower Upper
139 100
109 29.3 23.6 35.4
65 45.2 39.4 59.2





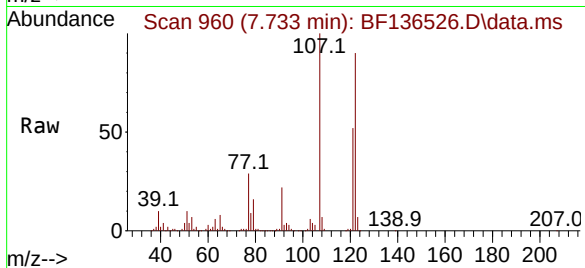
#27
2,4-Dimethylphenol
Concen: 51.830 ng
RT: 7.733 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD



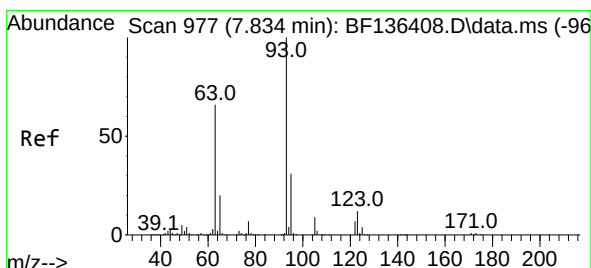
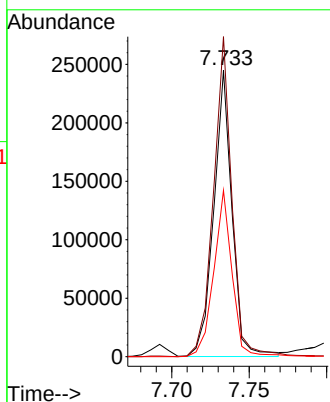
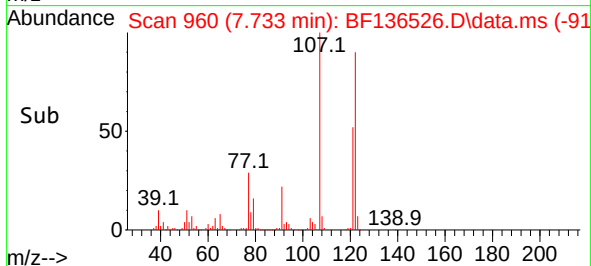
Tgt Ion:122 Resp: 20070
Ion Ratio Lower Upper
122 100
107 111.7 89.3 133.9
121 58.1 47.6 71.4

Manual Integrations

APPROVED

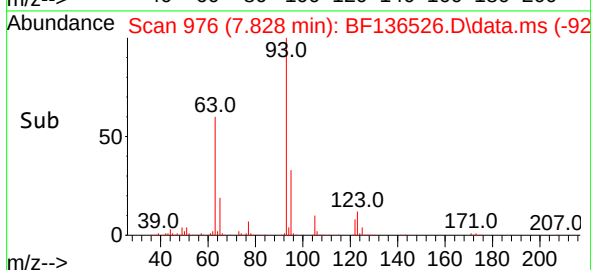
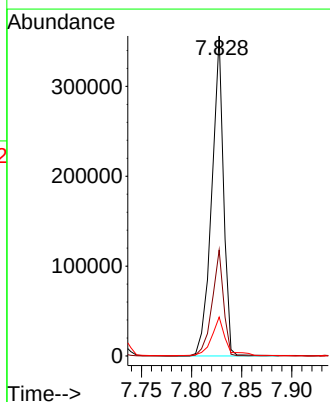
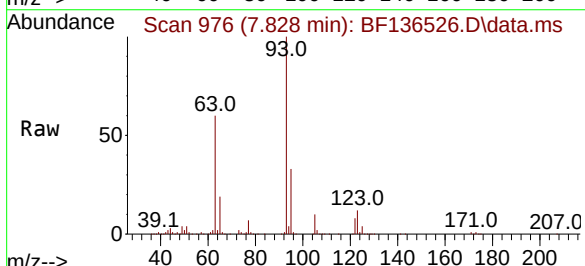
Reviewed By :Yogesh Patel 12/14/2023

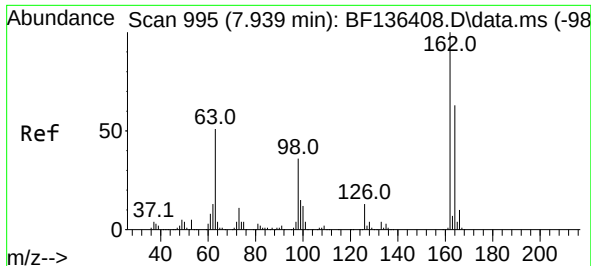
Supervised By :mohammad ahmed 12/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.733 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion: 93 Resp: 292565
Ion Ratio Lower Upper
93 100
95 33.1 25.0 37.4
123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.931 ng

RT: 7.933 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:162 Resp: 21432

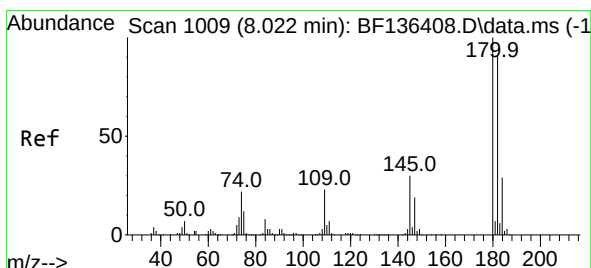
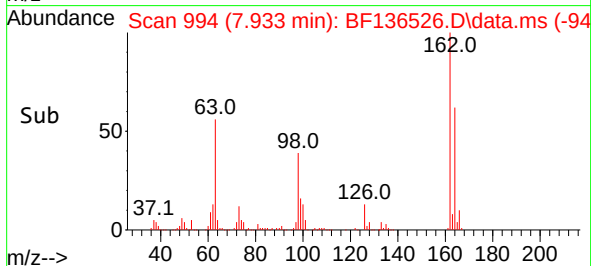
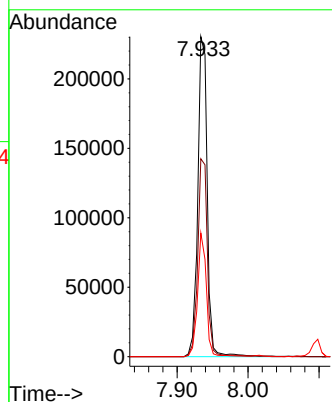
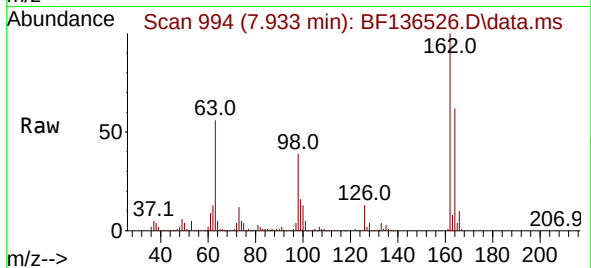
Ion	Ratio	Lower	Upper
162	100		
164	61.9	43.0	83.0
98	38.7	16.2	56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.886 ng

RT: 8.016 min Scan# 1008

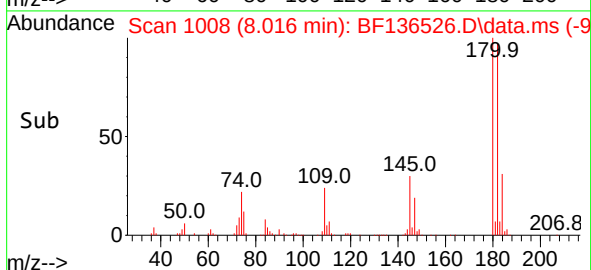
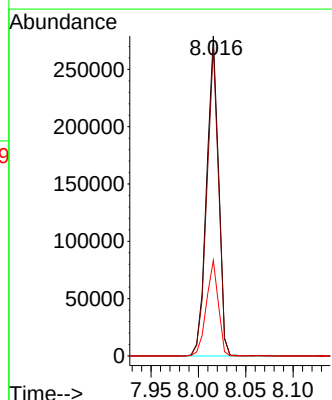
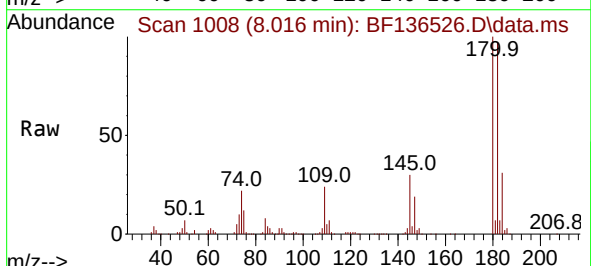
Delta R.T. -0.006 min

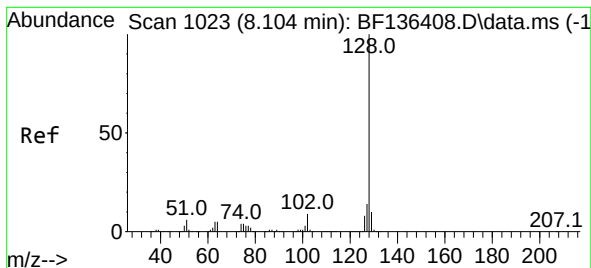
Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Tgt Ion:180 Resp: 243684

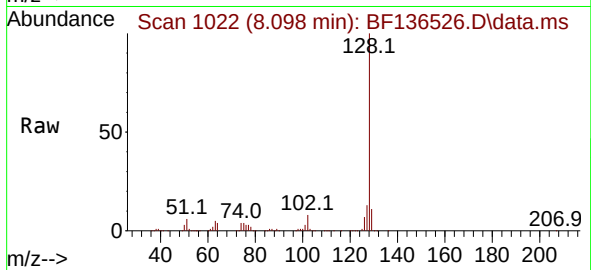
Ion	Ratio	Lower	Upper
180	100		
182	96.7	73.1	109.7
145	29.9	23.8	35.8





#31
Naphthalene
Concen: 40.933 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

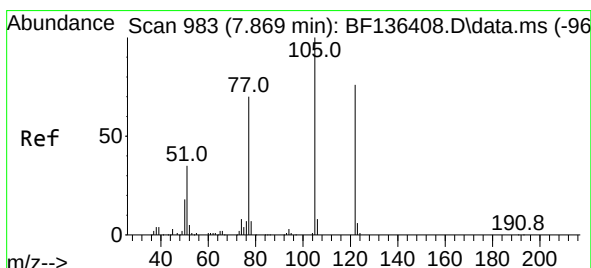
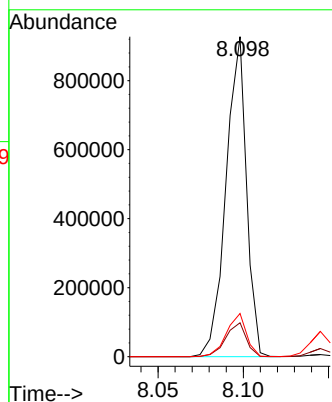
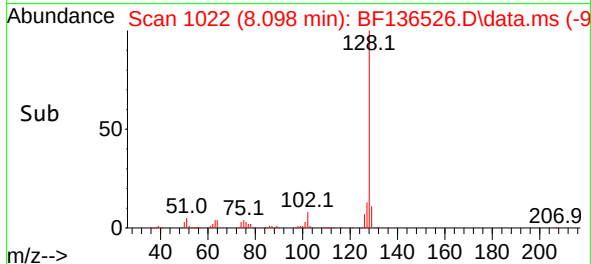
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:128 Resp: 77491
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.5 11.1 16.7

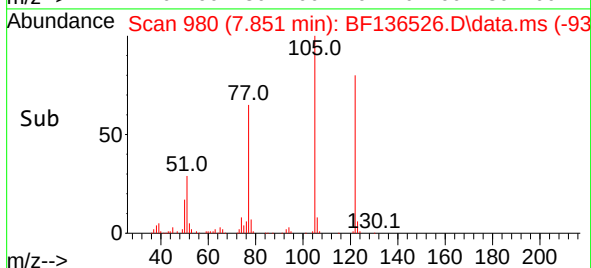
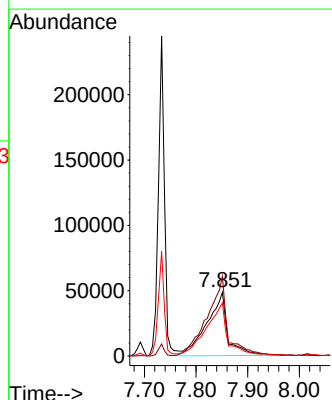
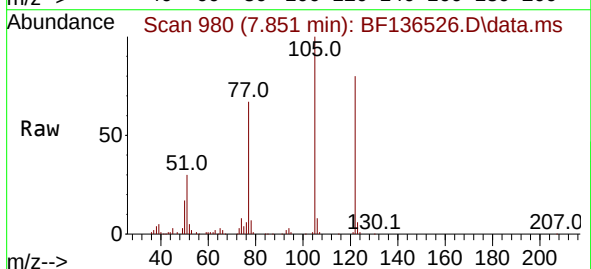
Manual Integrations
APPROVED

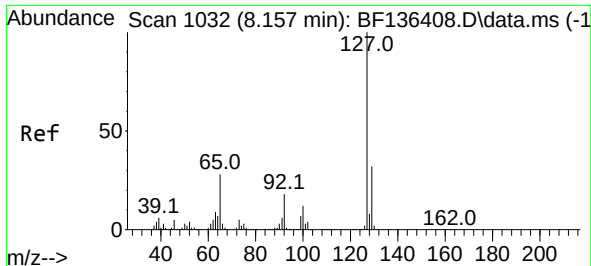
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#32
Benzoic acid
Concen: 35.569 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.018 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:122 Resp: 136636
Ion Ratio Lower Upper
122 100
105 125.0 104.7 144.7
77 83.2 68.5 108.5





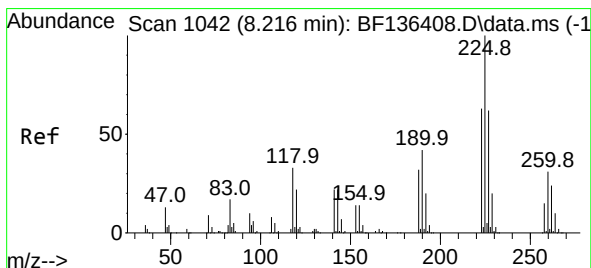
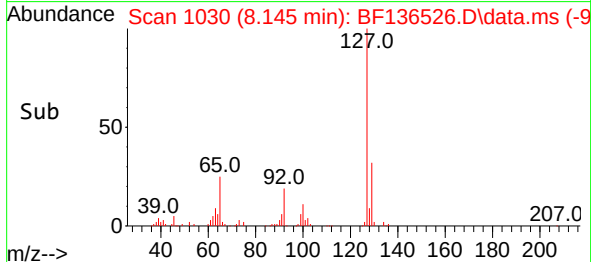
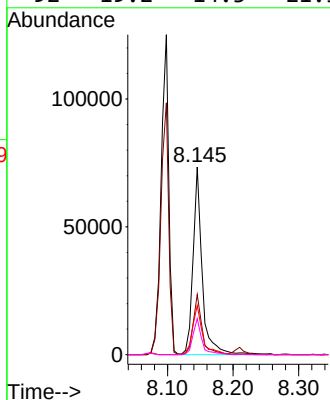
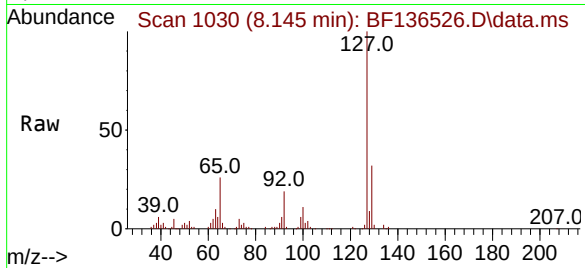
#33
4-Chloroaniline
Concen: 10.677 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:	127	Resp:	72060
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.2
65	26.1	22.5	33.7
92	19.2	14.3	21.5

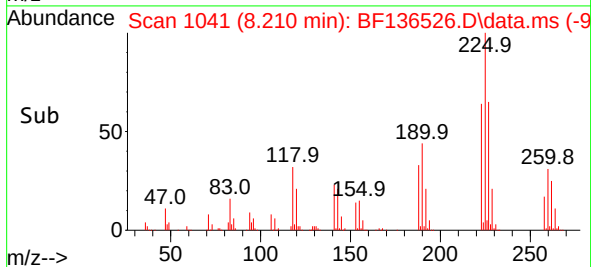
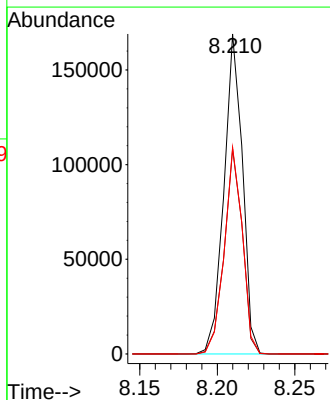
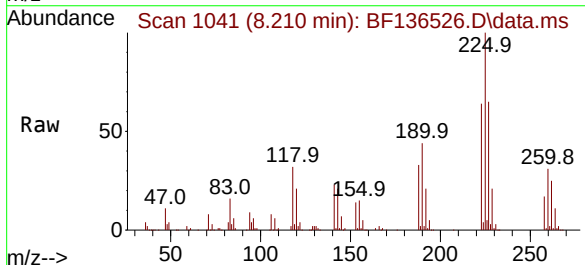
Manual Integrations
APPROVED

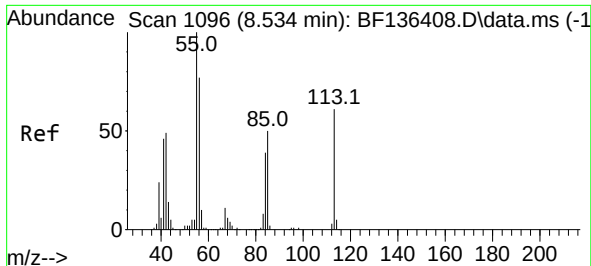
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#34
Hexachlorobutadiene
Concen: 39.742 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

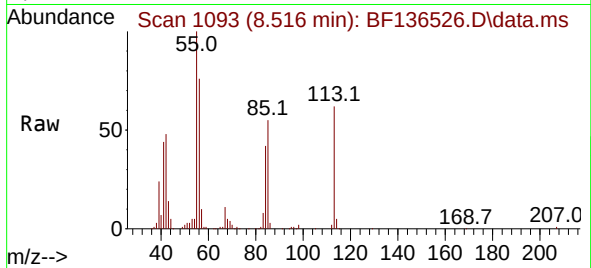
Tgt Ion:	225	Resp:	140379
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.8	76.2
227	64.6	49.8	74.8





#35
Caprolactam
Concen: 40.896 ng m
RT: 8.516 min Scan# 1093
Delta R.T. -0.018 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

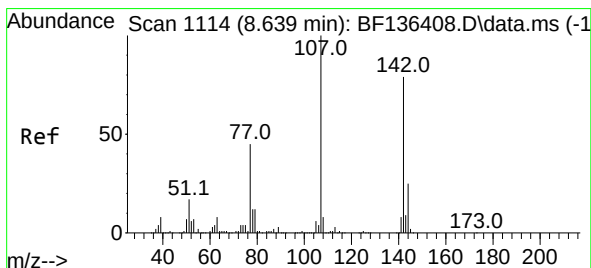
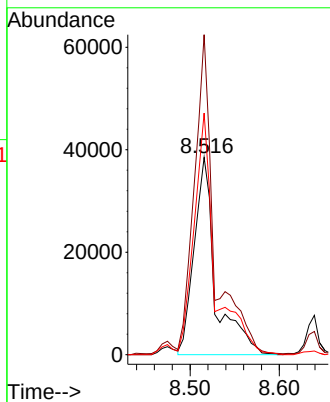
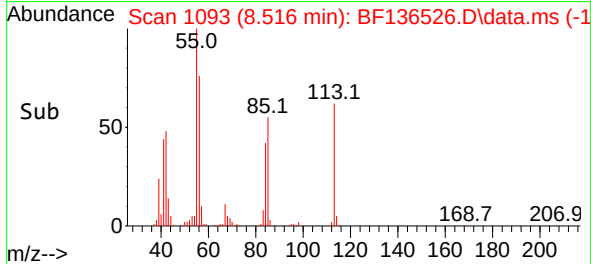
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:113 Resp: 64372
Ion Ratio Lower Upper
113 100
55 162.3 143.7 183.7
56 122.5 105.2 145.2

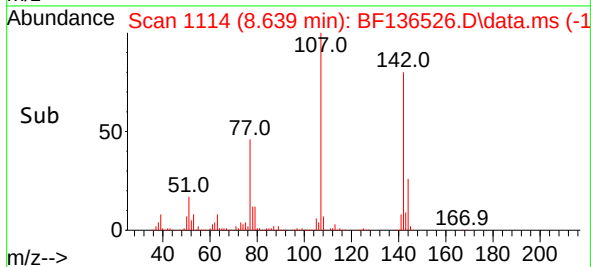
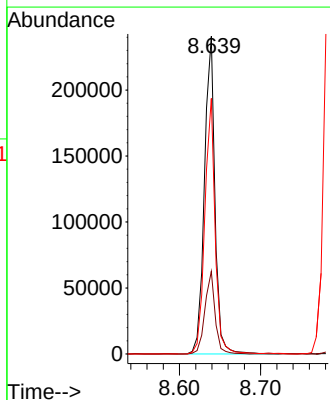
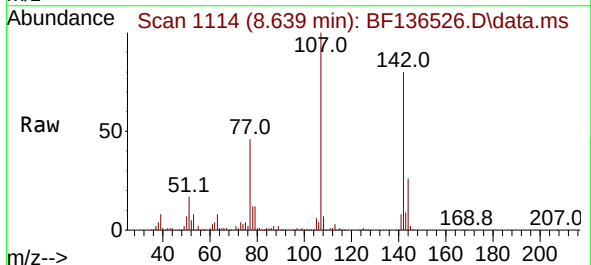
Manual Integrations
APPROVED

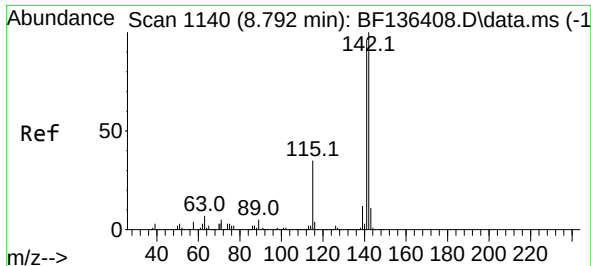
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#36
4-Chloro-3-methylphenol
Concen: 39.905 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:107 Resp: 216571
Ion Ratio Lower Upper
107 100
144 26.0 20.1 30.1
142 80.5 63.1 94.7





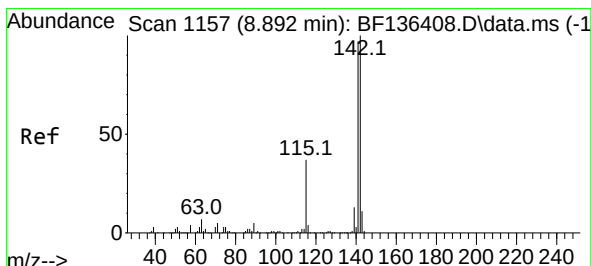
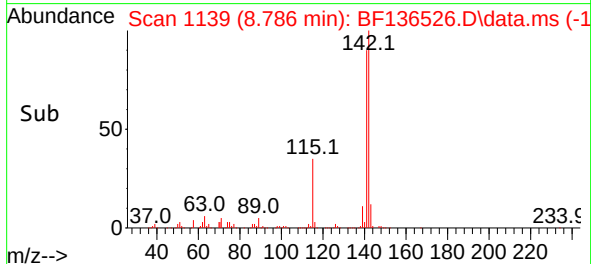
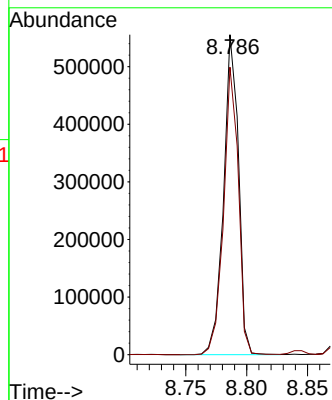
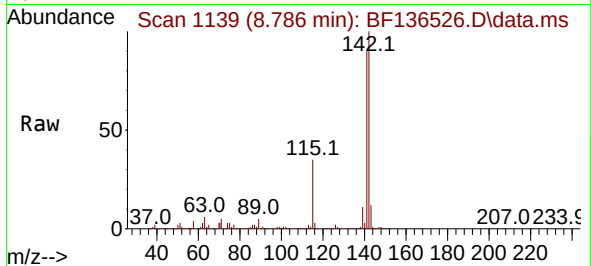
#37
2-Methylnaphthalene
Concen: 39.262 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:142 Resp: 47286
Ion Ratio Lower Upper
142 100
141 89.8 76.4 114.6

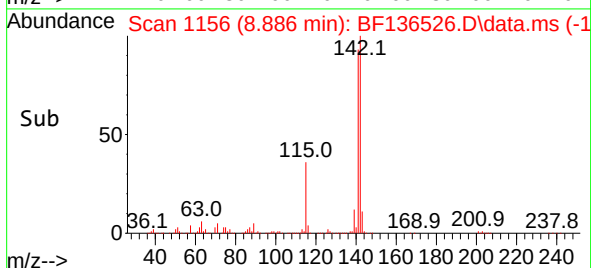
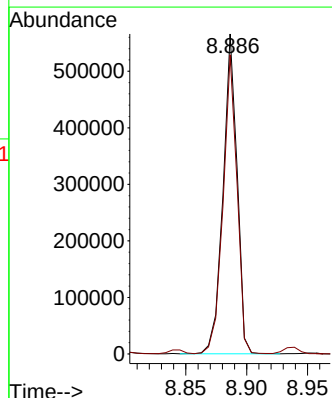
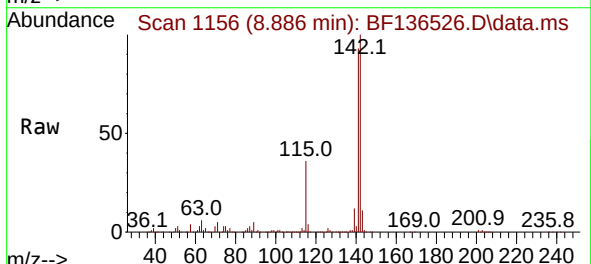
Manual Integrations
APPROVED

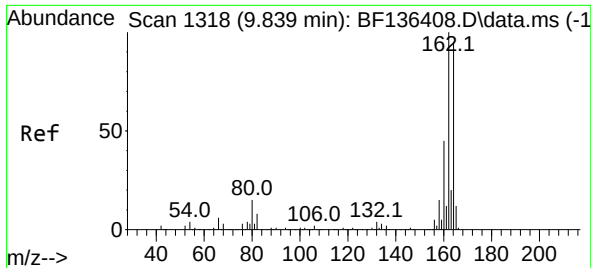
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#38
1-Methylnaphthalene
Concen: 38.458 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

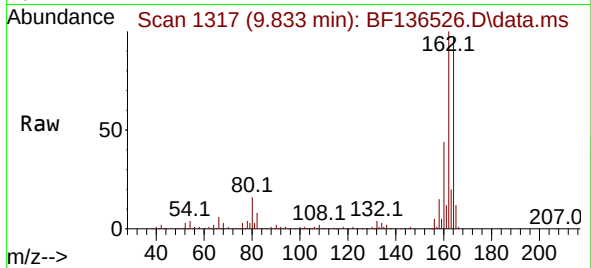
Tgt Ion:142 Resp: 454507
Ion Ratio Lower Upper
142 100
141 93.5 77.7 116.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

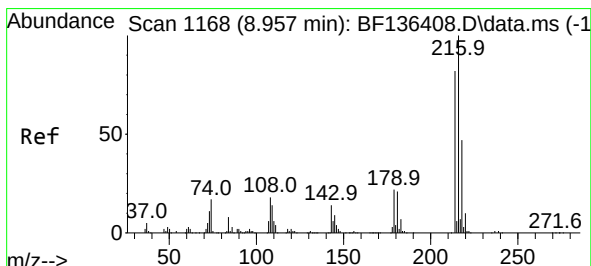
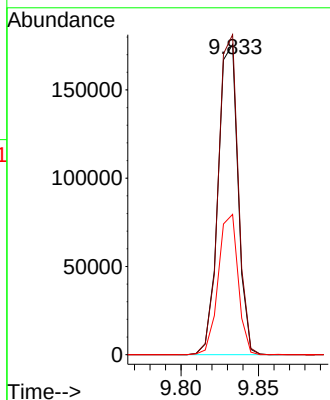
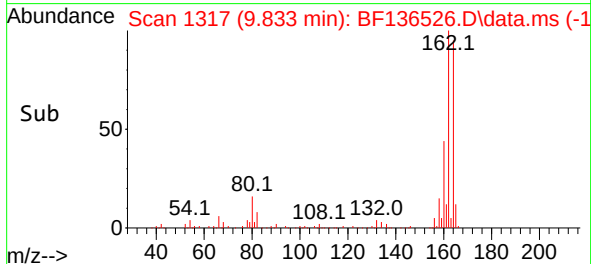
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



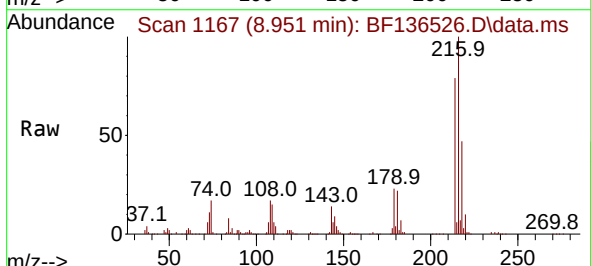
Tgt Ion:164 Resp: 15751
Ion Ratio Lower Upper
164 100
162 103.2 84.4 126.6
160 45.2 37.6 56.4

Manual Integrations
APPROVED

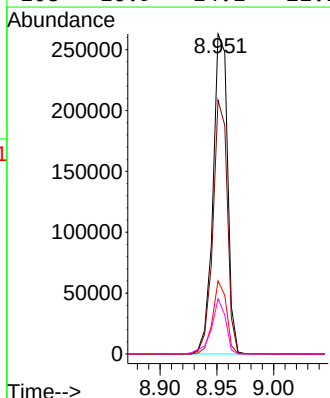
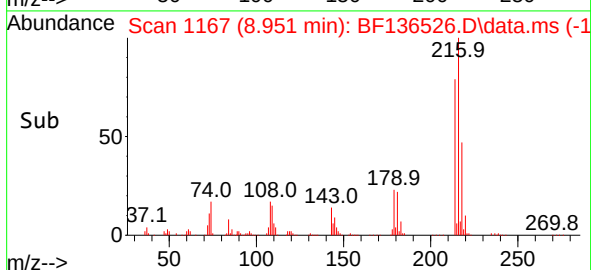
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

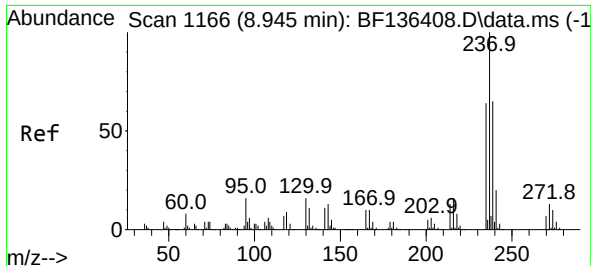


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.891 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31



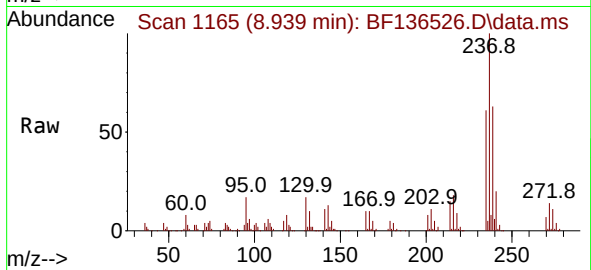
Tgt Ion:216 Resp: 234686
Ion Ratio Lower Upper
216 100
214 78.2 64.1 96.1
179 21.8 17.0 25.6
108 16.9 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 48.338 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

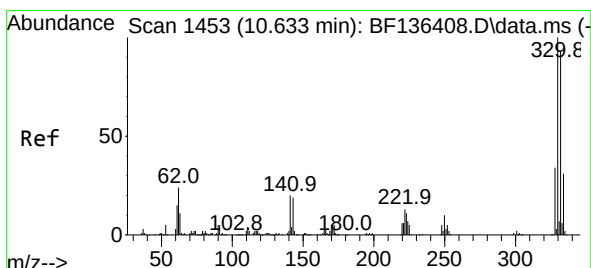
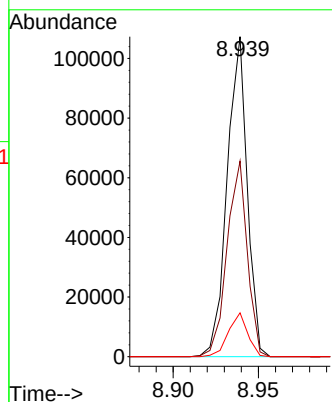
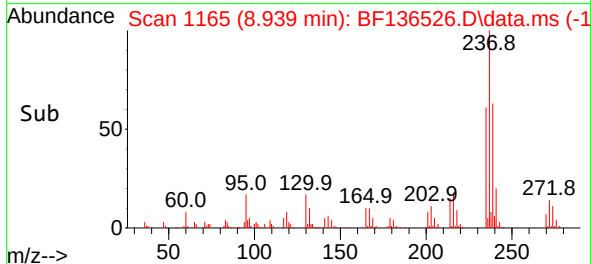
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



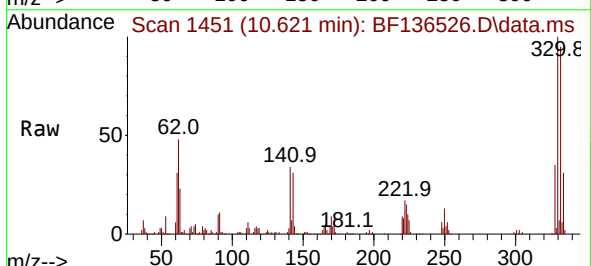
Tgt Ion:237 Resp: 87750
Ion Ratio Lower Upper
237 100
235 61.1 44.1 84.1
272 13.7 0.0 33.3

Manual Integrations
APPROVED

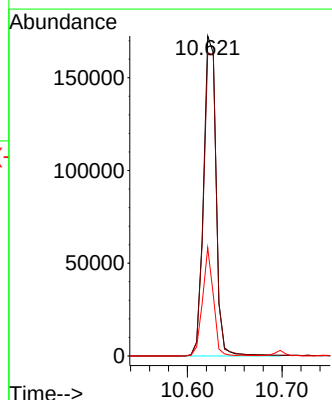
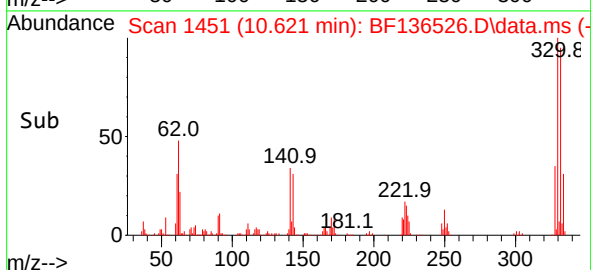
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

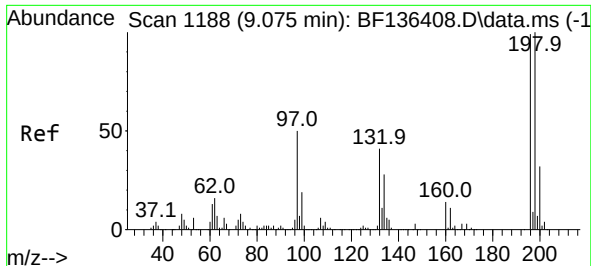


#42
2,4,6-Tribromophenol
Concen: 81.290 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31



Tgt Ion:330 Resp: 157876
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 29.4 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 44.233 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:196 Resp: 14113

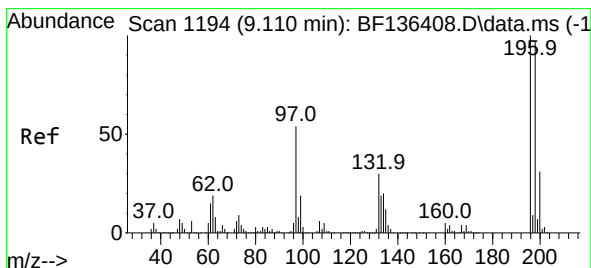
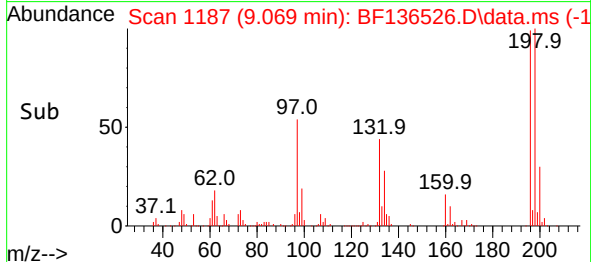
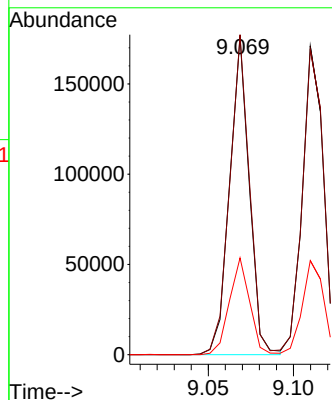
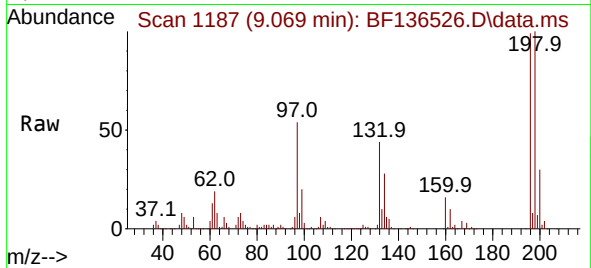
Ion	Ratio	Lower	Upper
196	100		
198	100.5	80.4	120.6
200	30.4	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#44

2,4,5-Trichlorophenol

Concen: 42.888 ng

RT: 9.110 min Scan# 1194

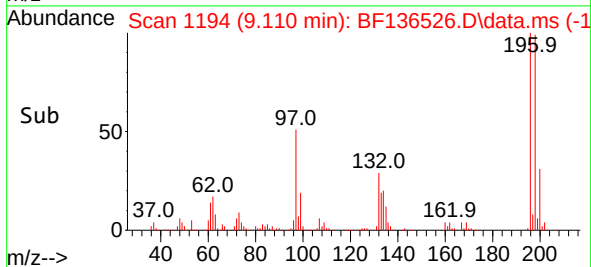
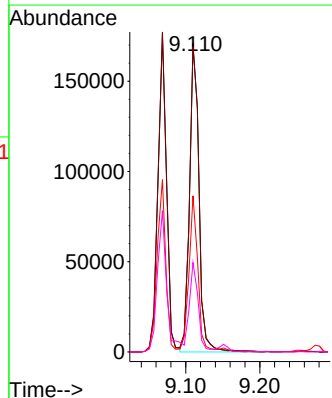
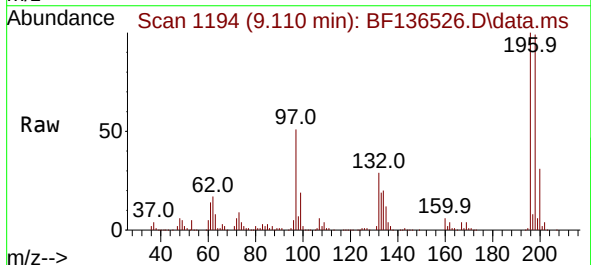
Delta R.T. -0.000 min

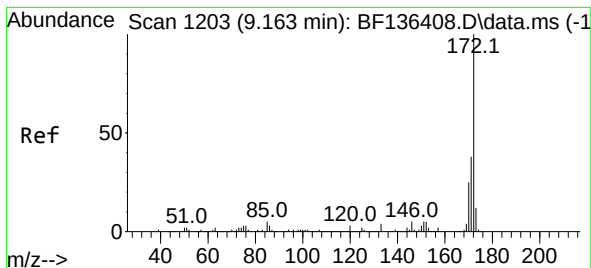
Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Tgt Ion:196 Resp: 152736

Ion	Ratio	Lower	Upper
196	100		
198	98.9	78.1	117.1
97	50.6	43.4	65.2
132	29.0	24.2	36.4





#45

2-Fluorobiphenyl

Concen: 63.783 ng

RT: 9.151 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:172 Resp: 73628

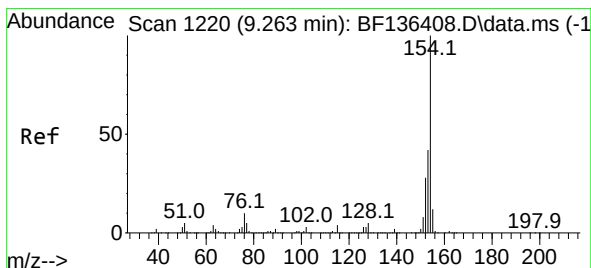
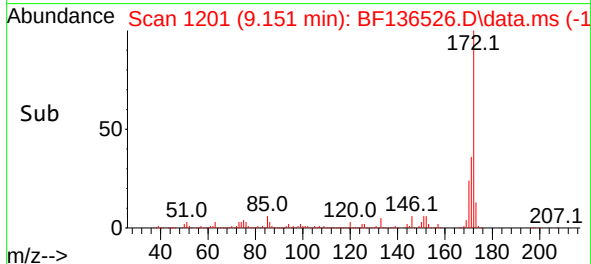
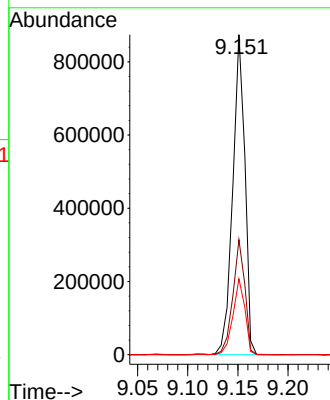
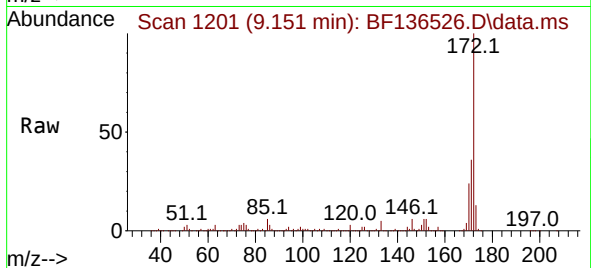
Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.5	45.7
170	23.7	19.9	29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#46

1,1'-Biphenyl

Concen: 45.256 ng

RT: 9.251 min Scan# 1218

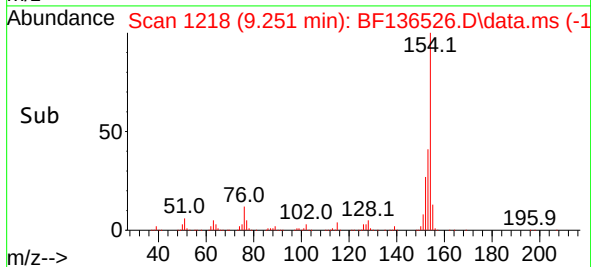
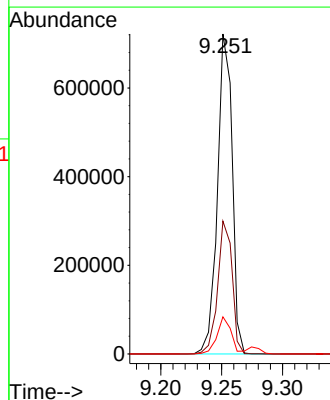
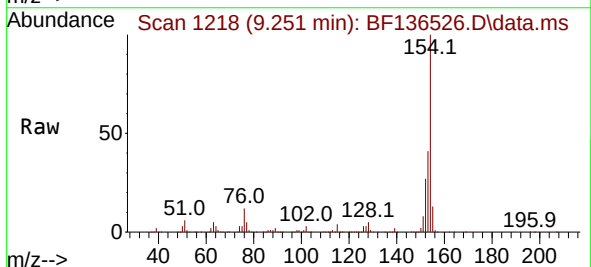
Delta R.T. -0.012 min

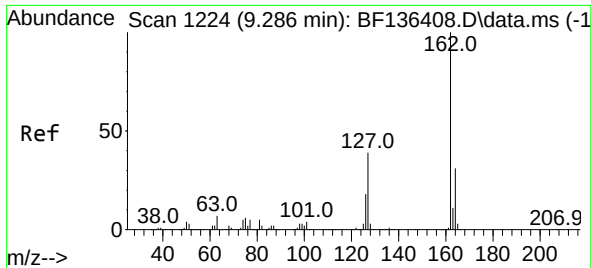
Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Tgt Ion:154 Resp: 606545

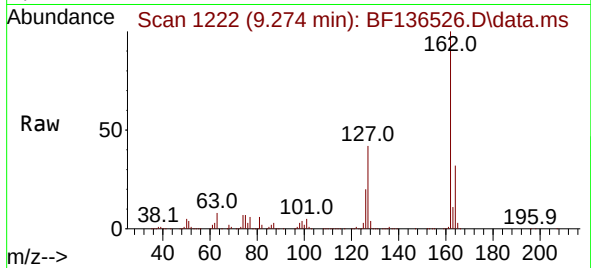
Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.5	62.5
76	11.6	0.0	29.9





#47
2-Chloronaphthalene
Concen: 42.673 ng
RT: 9.274 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

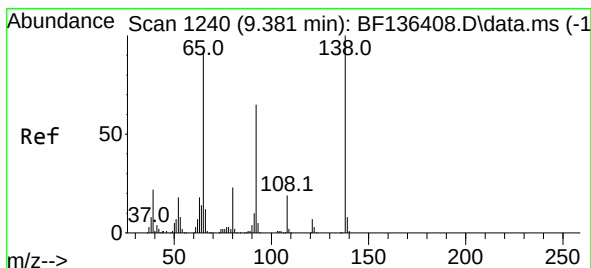
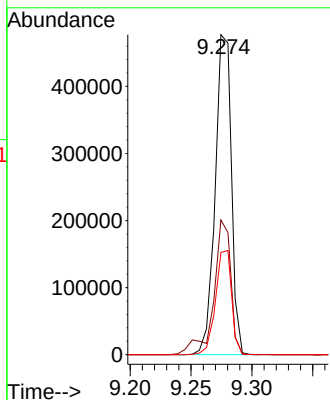
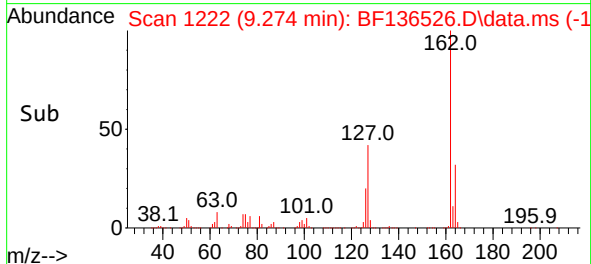
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



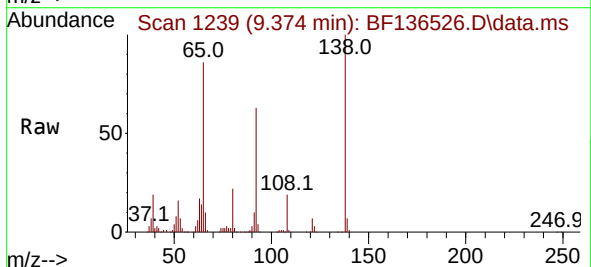
Tgt Ion:162 Resp: 445150
Ion Ratio Lower Upper
162 100
127 42.1 31.1 46.7
164 32.0 24.6 37.0

Manual Integrations
APPROVED

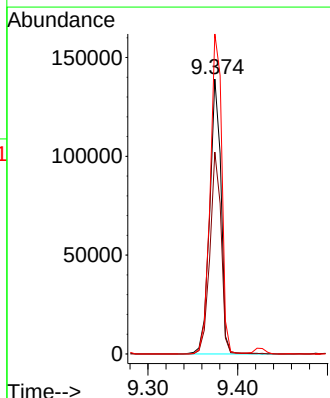
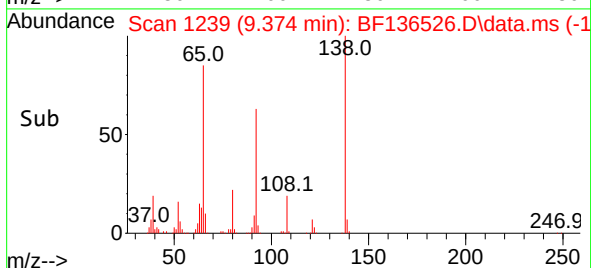
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

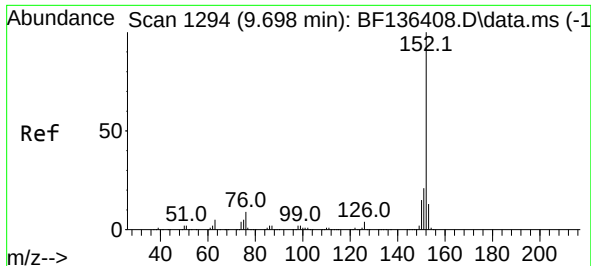


#48
2-Nitroaniline
Concen: 43.386 ng
RT: 9.374 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31



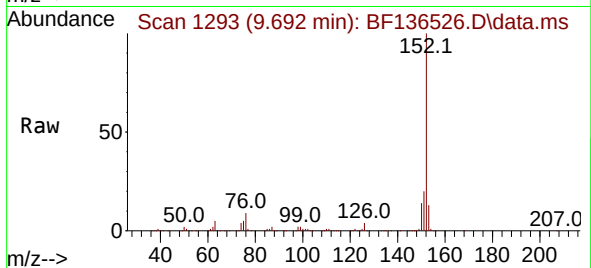
Tgt Ion: 65 Resp: 121385
Ion Ratio Lower Upper
65 100
92 73.4 56.1 84.1
138 116.4 86.7 130.1





#49
Acenaphthylene
Concen: 46.486 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

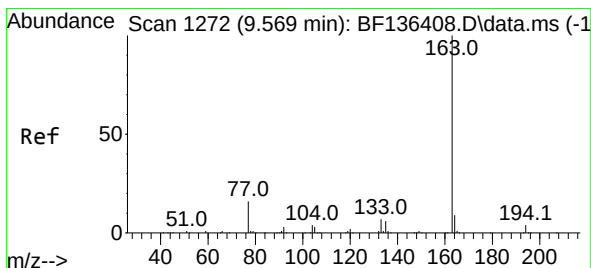
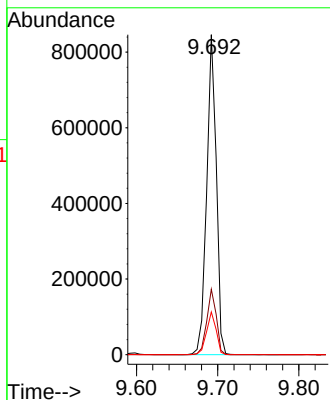
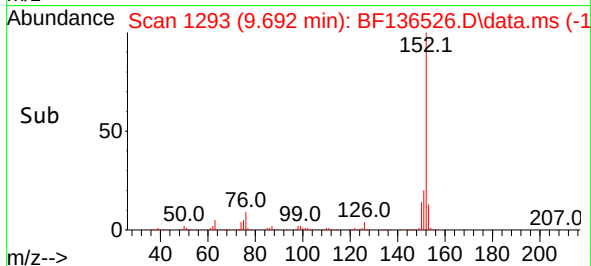
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



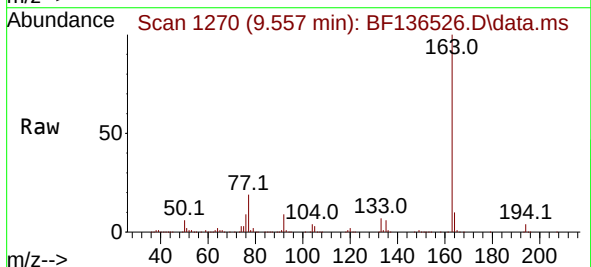
Tgt Ion:152 Resp: 69078
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 13.4 10.6 15.8

Manual Integrations
APPROVED

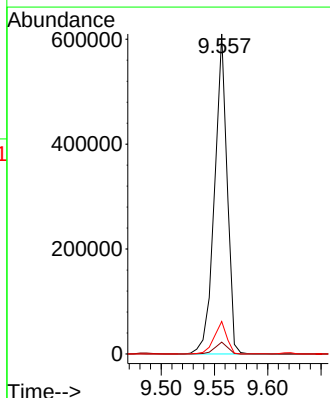
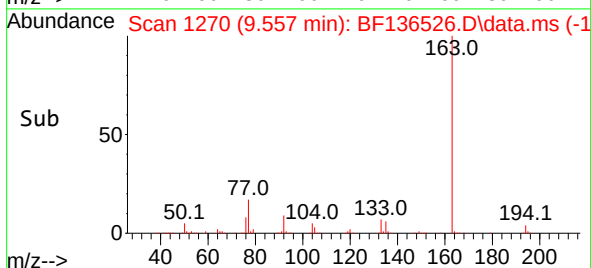
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

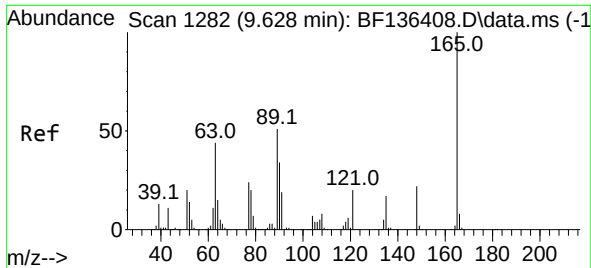


#50
Dimethylphthalate
Concen: 43.229 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31



Tgt Ion:163 Resp: 501307
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.1 7.4 11.2





#51

2,6-Dinitrotoluene

Concen: 41.644 ng

RT: 9.622 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:165 Resp: 108640

Ion Ratio Lower Upper

165 100

63 41.5 40.4 60.6

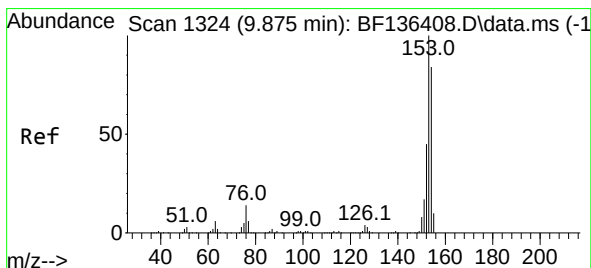
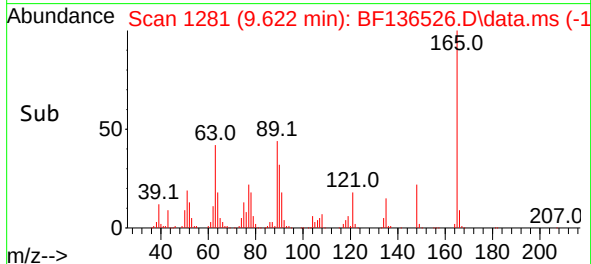
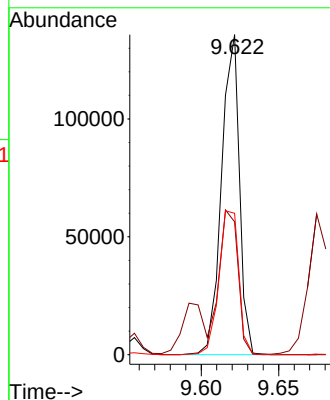
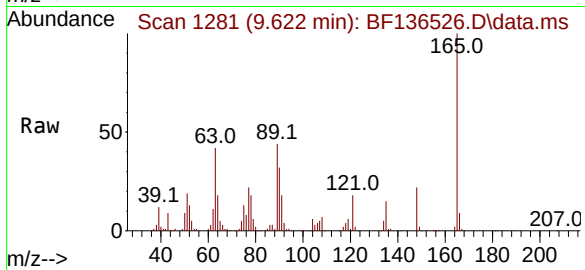
89 44.2 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#52

Acenaphthene

Concen: 42.040 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

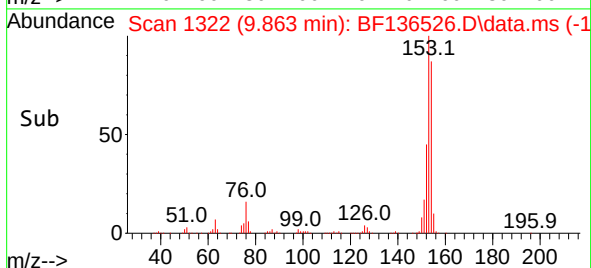
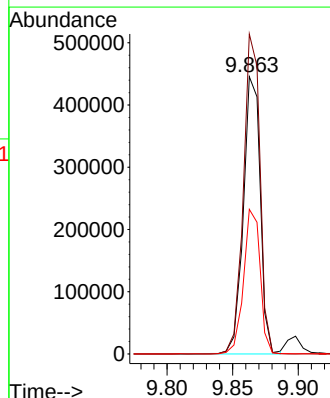
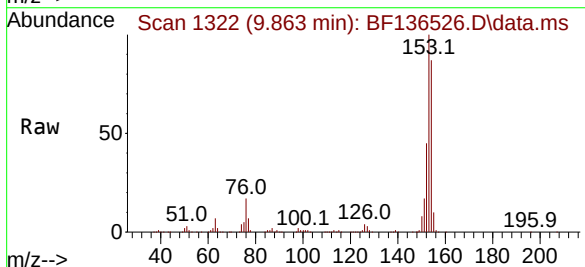
Tgt Ion:154 Resp: 400323

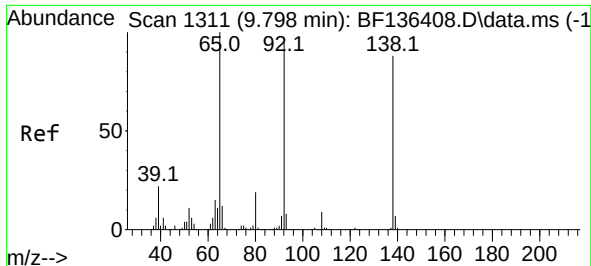
Ion Ratio Lower Upper

154 100

153 115.4 95.3 142.9

152 52.2 43.2 64.8





#53
3-Nitroaniline
Concen: 25.417 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

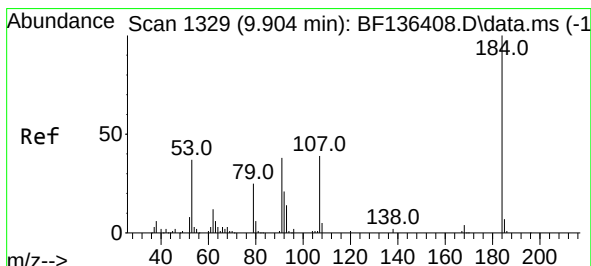
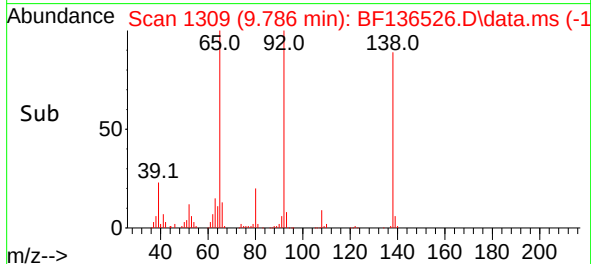
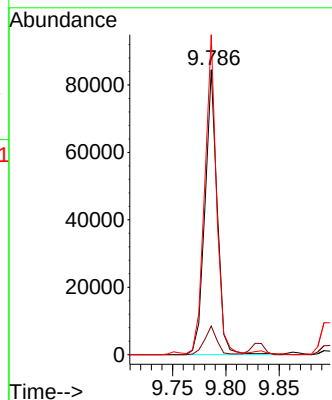
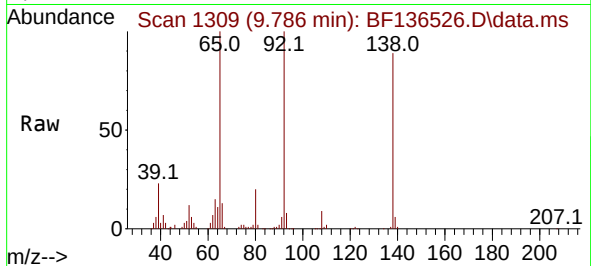
WC-2MSD

Tgt Ion:138 Resp: 67714
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 112.3 86.1 129.1

Manual Integrations

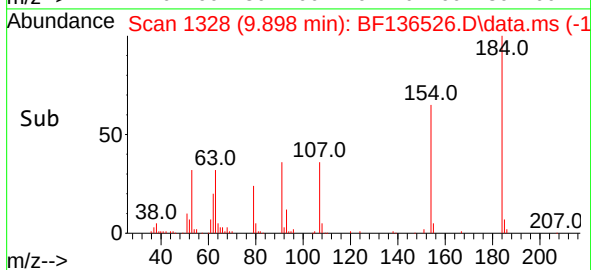
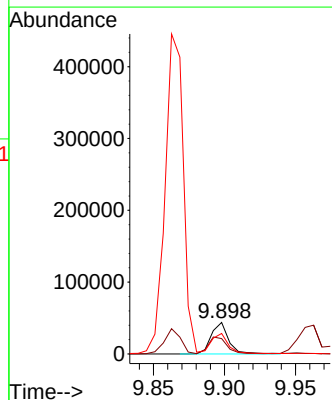
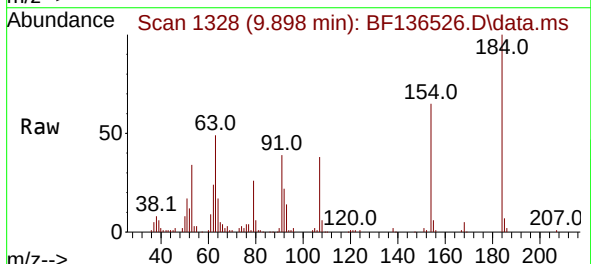
APPROVED

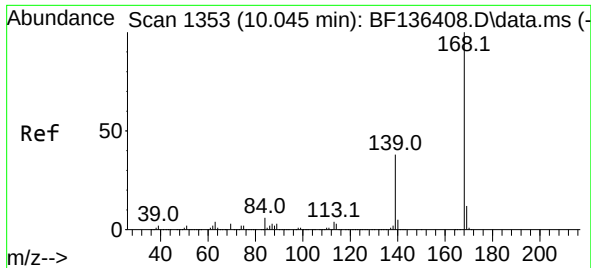
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#54
2,4-Dinitrophenol
Concen: 28.460 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:184 Resp: 37541
Ion Ratio Lower Upper
184 100
63 49.0 39.1 58.7
154 65.0 49.9 74.9





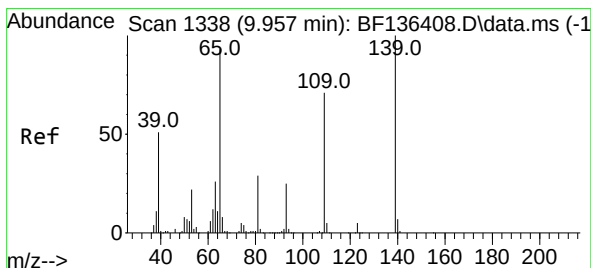
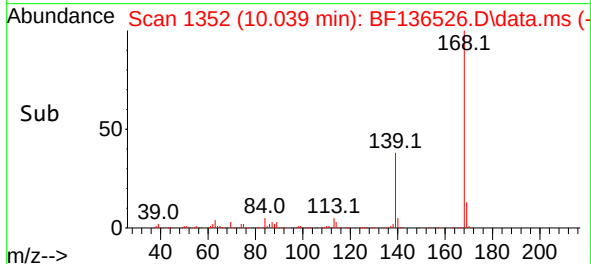
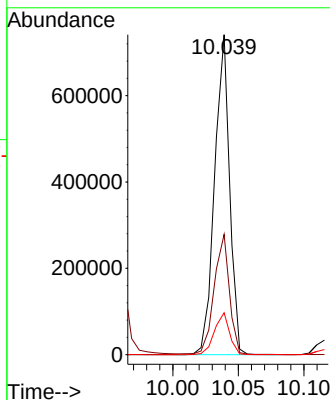
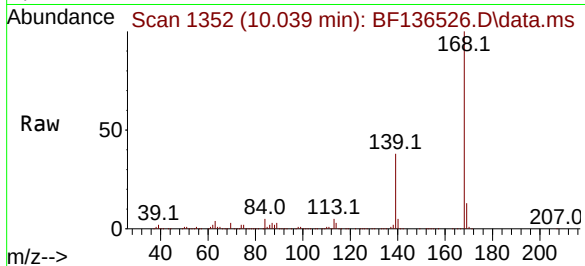
#55
Dibenzenofuran
Concen: 42.238 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:168 Resp: 58758
Ion Ratio Lower Upper
168 100
139 37.6 30.4 45.6
169 13.1 9.9 14.9

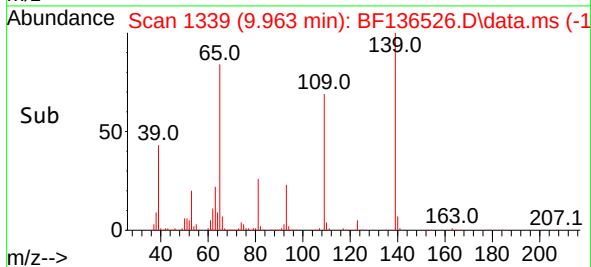
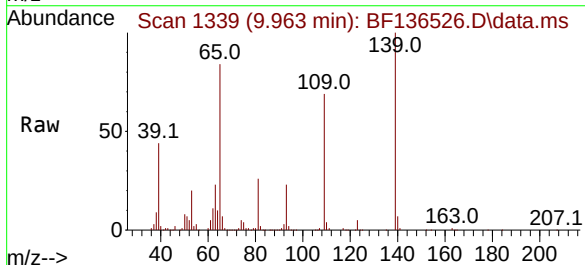
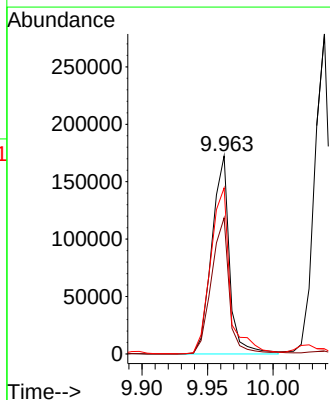
Manual Integrations
APPROVED

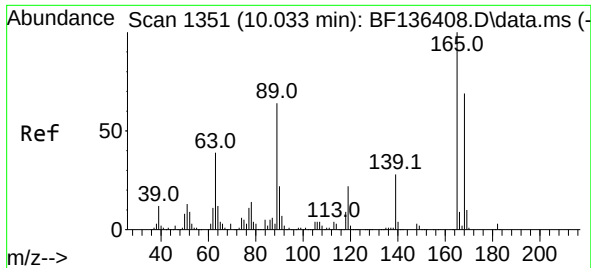
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#56
4-Nitrophenol
Concen: 81.176 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

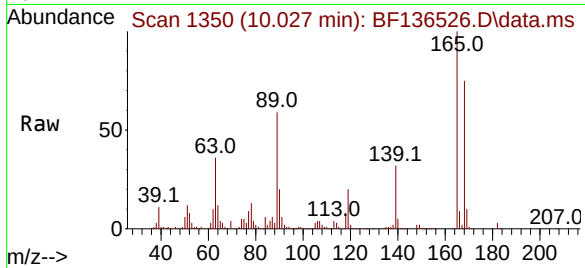
Tgt Ion:139 Resp: 162122
Ion Ratio Lower Upper
139 100
109 68.7 50.6 90.6
65 83.9 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 40.312 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

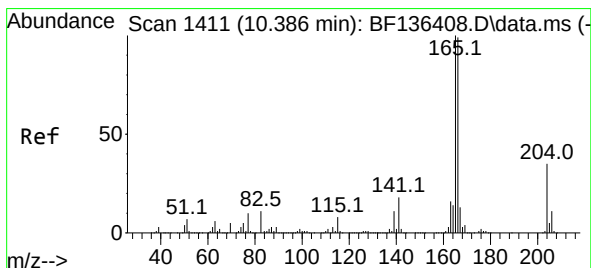
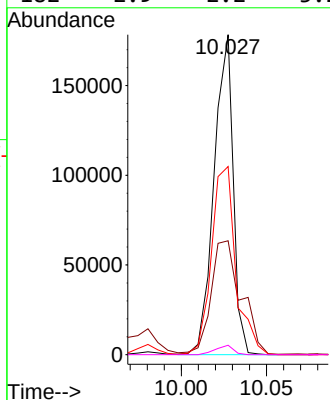
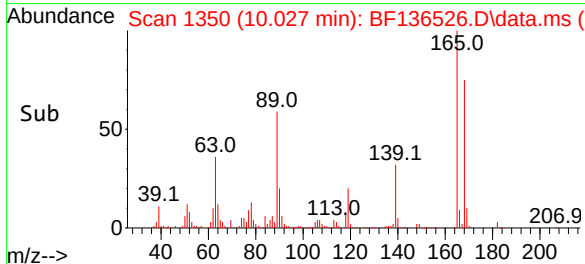
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



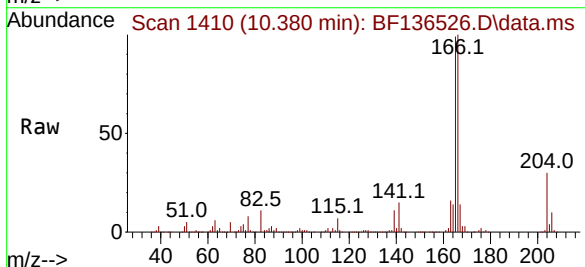
Tgt Ion:165 Resp: 13912
Ion Ratio Lower Upper
165 100
63 35.6 31.4 47.2
89 58.8 51.7 77.5
182 2.9 2.2 3.2

Manual Integrations
APPROVED

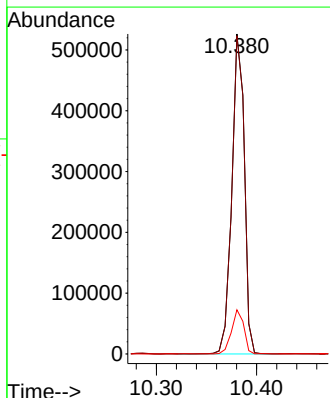
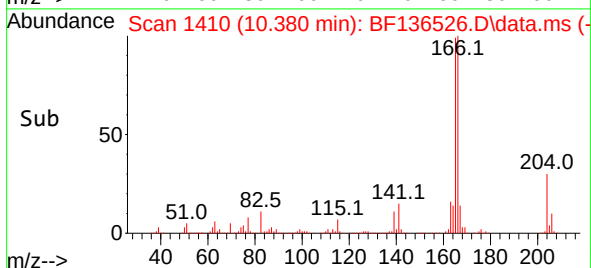
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

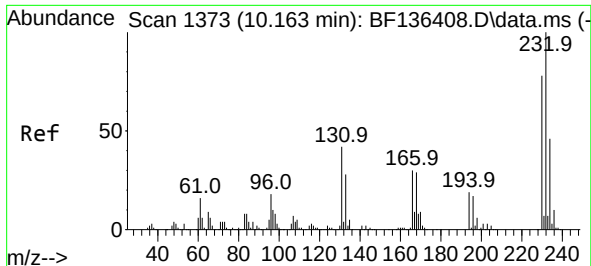


#58
Fluorene
Concen: 40.573 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31



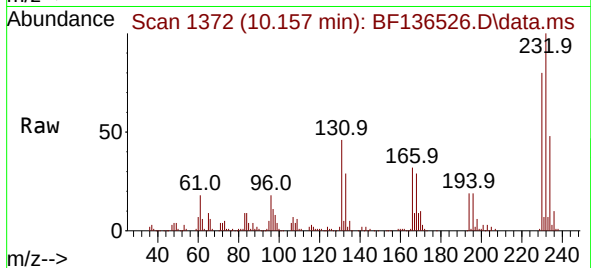
Tgt Ion:166 Resp: 453074
Ion Ratio Lower Upper
166 100
165 99.5 80.5 120.7
167 13.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.545 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

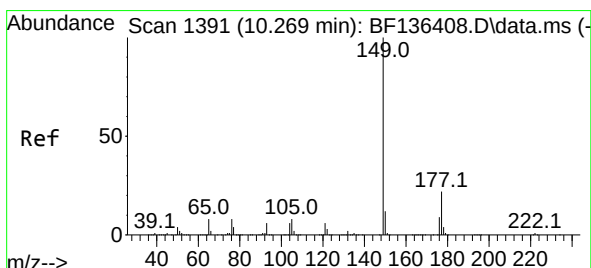
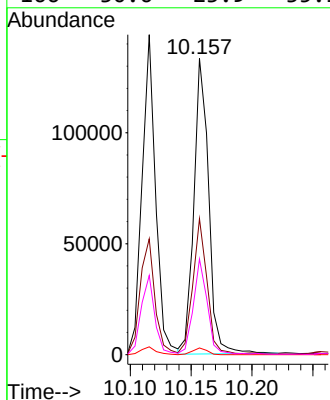
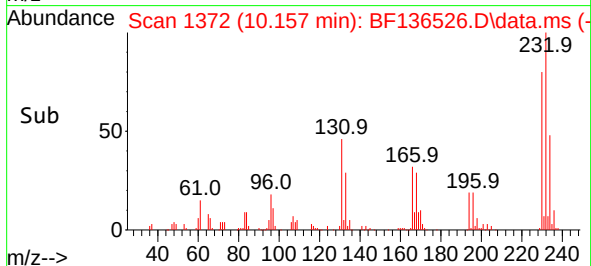
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:232 Resp: 11280
Ion Ratio Lower Upper
232 100
131 43.4 34.3 51.5
130 2.2 1.6 2.4
166 30.6 23.9 35.9

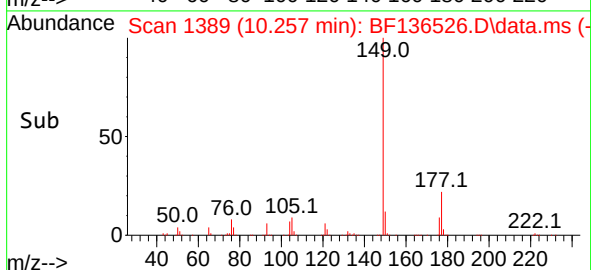
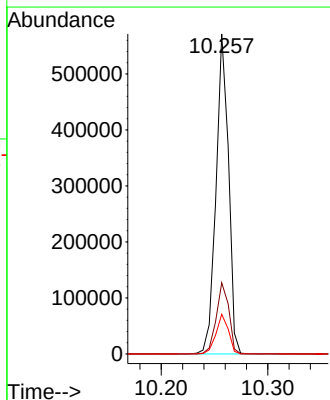
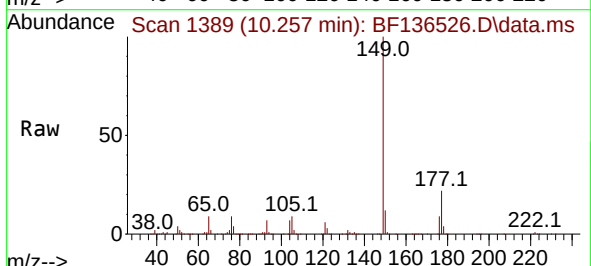
Manual Integrations
APPROVED

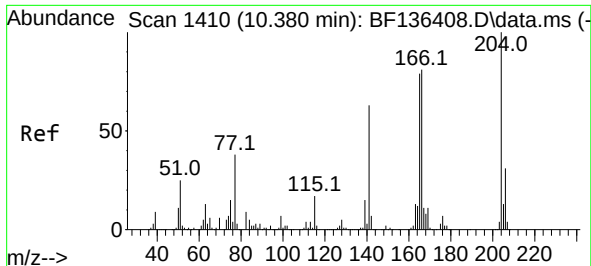
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#60
Diethylphthalate
Concen: 40.590 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

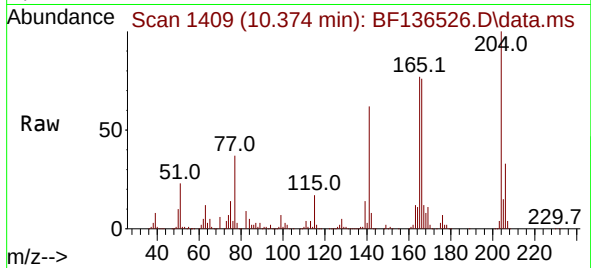
Tgt Ion:149 Resp: 462860
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.4 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 40.688 ng
RT: 10.374 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

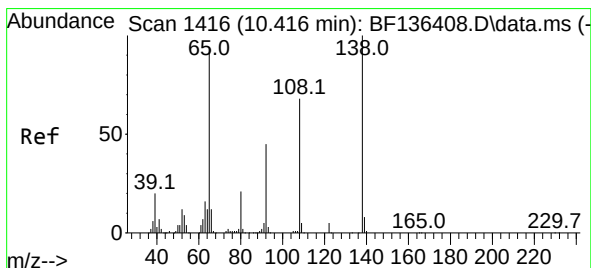
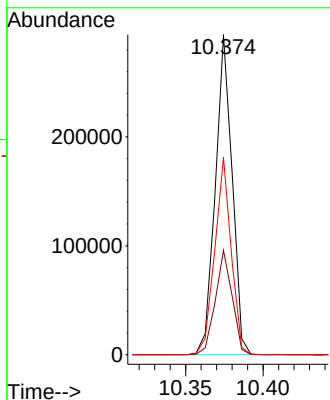
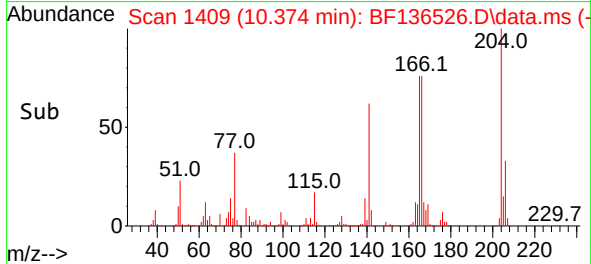
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:204 Resp: 221498
Ion Ratio Lower Upper
204 100
206 32.6 24.6 36.8
141 61.6 50.3 75.5

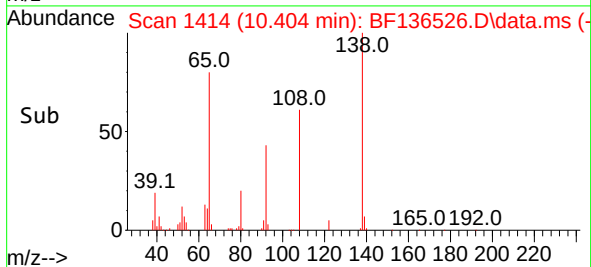
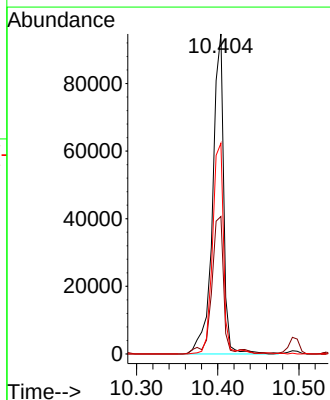
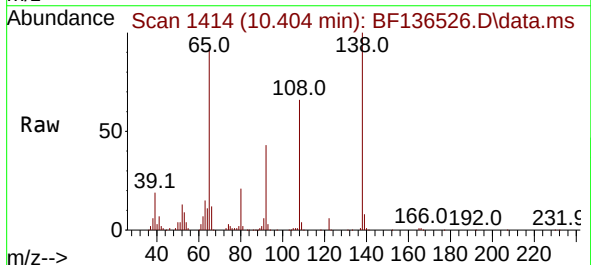
Manual Integrations
APPROVED

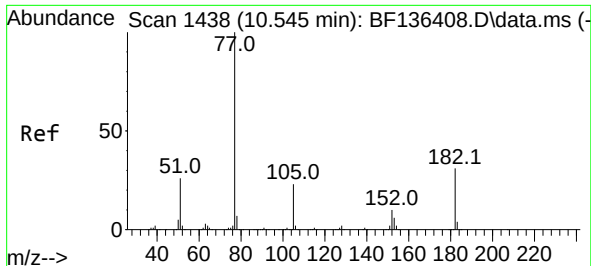
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#62
4-Nitroaniline
Concen: 33.988 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

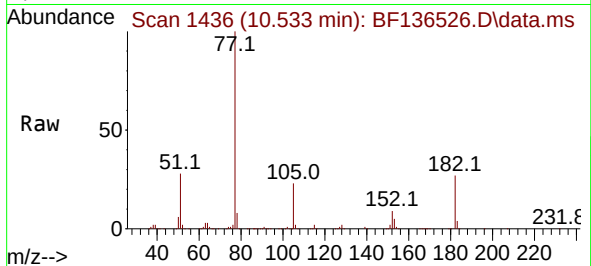
Tgt Ion:138 Resp: 89911
Ion Ratio Lower Upper
138 100
92 42.9 25.0 65.0
108 65.9 47.9 87.9





#63
Azobenzene
Concen: 38.315 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

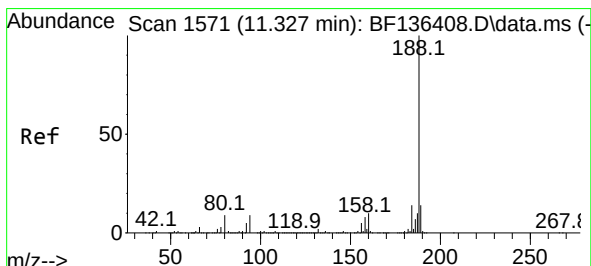
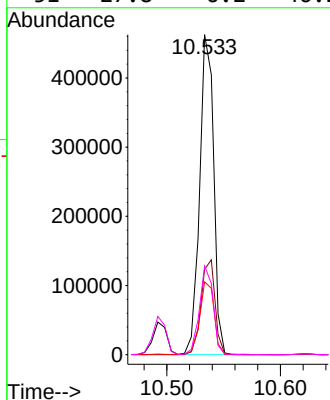
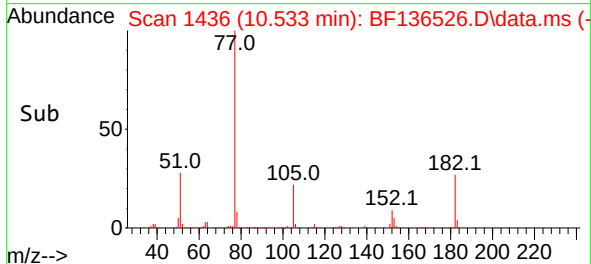
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



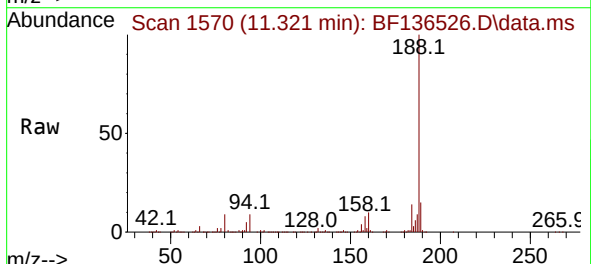
Tgt Ion: 77 Resp: 397684
Ion Ratio Lower Upper
77 100
182 26.7 10.8 50.8
105 22.7 2.6 42.6
51 27.8 6.2 46.2

Manual Integrations
APPROVED

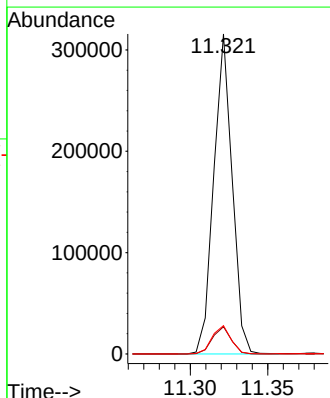
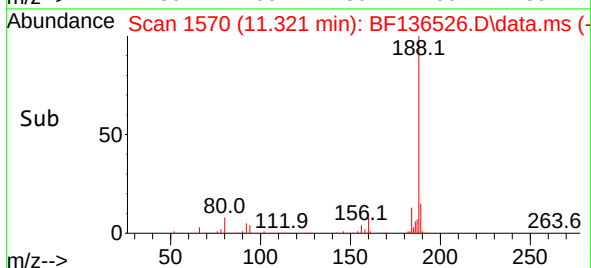
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

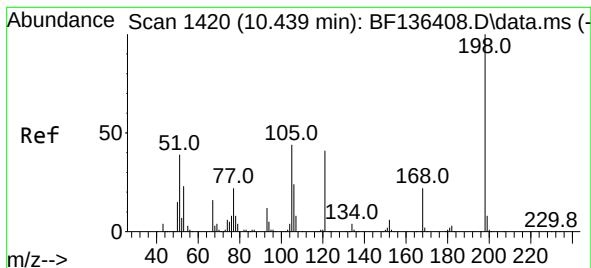


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31



Tgt Ion:188 Resp: 260749
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.9 7.2 10.8





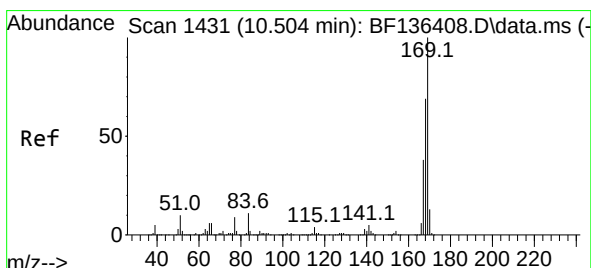
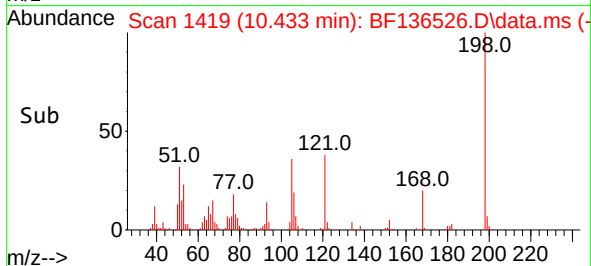
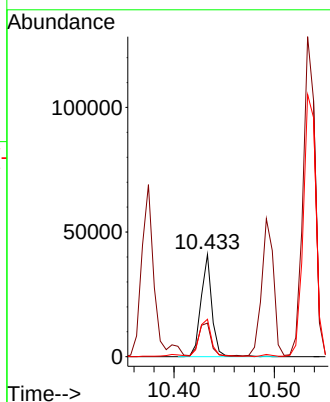
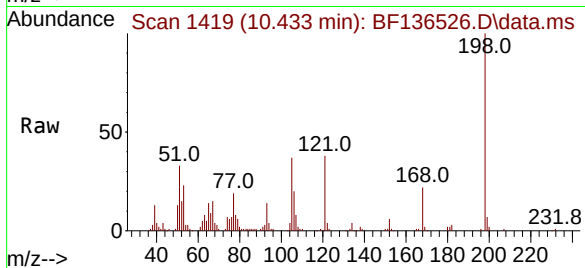
#65
4,6-Dinitro-2-methylphenol
Concen: 19.373 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:198 Resp: 31284
Ion Ratio Lower Upper
198 100
51 32.9 24.1 64.1
105 36.6 24.8 64.8

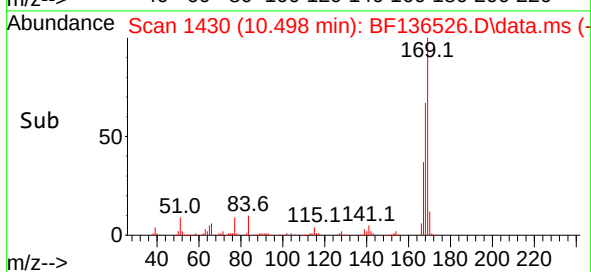
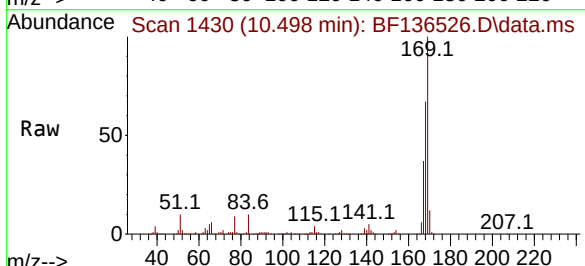
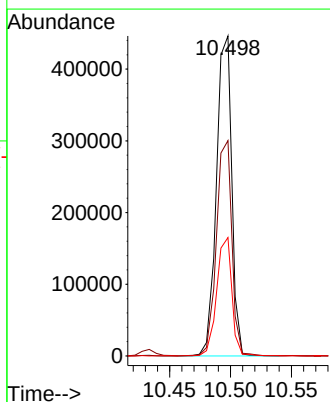
Manual Integrations
APPROVED

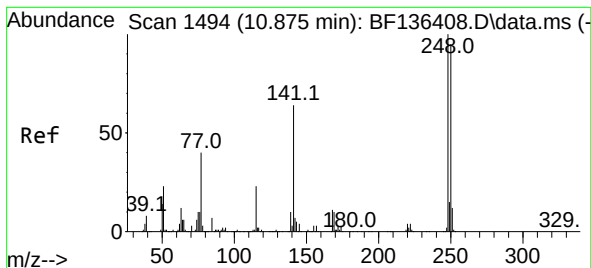
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#66
n-Nitrosodiphenylamine
Concen: 46.900 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

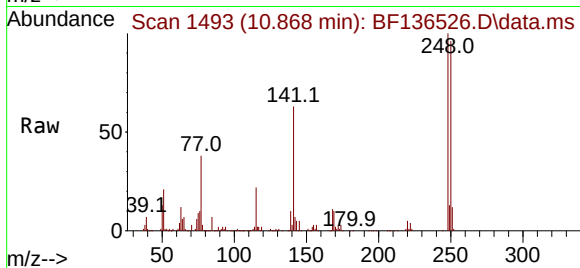
Tgt Ion:169 Resp: 392405
Ion Ratio Lower Upper
169 100
168 67.3 55.3 82.9
167 37.0 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 44.314 ng
RT: 10.868 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

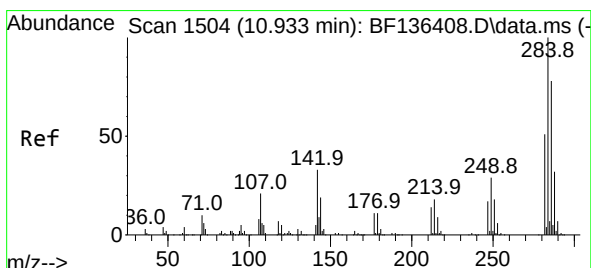
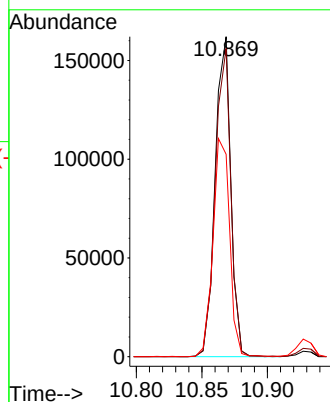
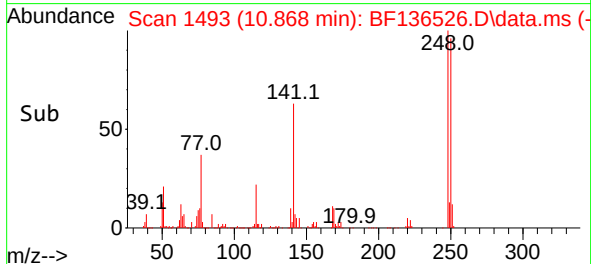
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



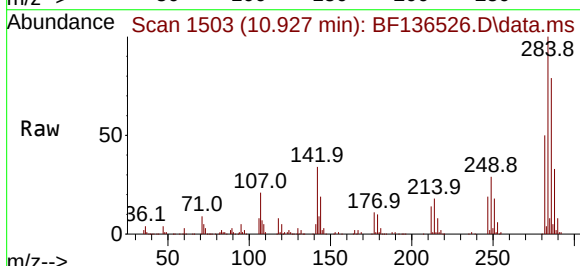
Tgt Ion:248 Resp: 134344
Ion Ratio Lower Upper
248 100
250 96.4 76.2 114.2
141 63.2 51.0 76.4

Manual Integrations
APPROVED

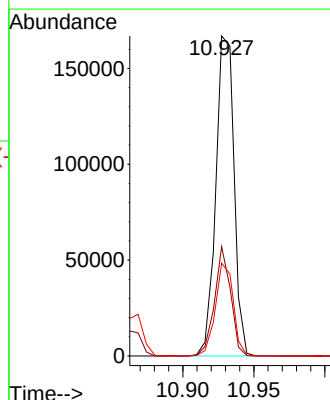
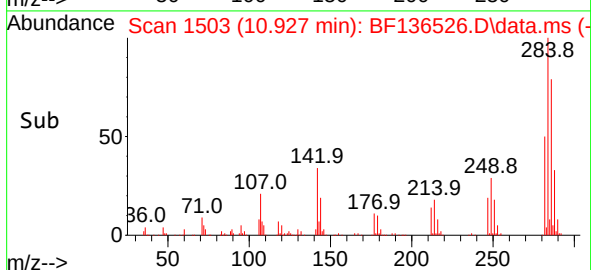
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

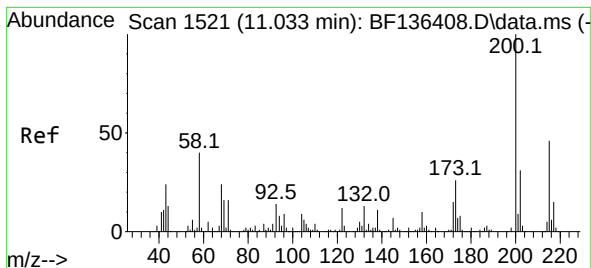


#68
Hexachlorobenzene
Concen: 42.625 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31



Tgt Ion:284 Resp: 149353
Ion Ratio Lower Upper
284 100
142 34.1 26.5 39.7
249 29.0 23.4 35.0





#69

Atrazine

Concen: 53.219 ng

RT: 11.027 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:200 Resp: 127089

Ion Ratio Lower Upper

200 100

173 27.1 6.0 46.0

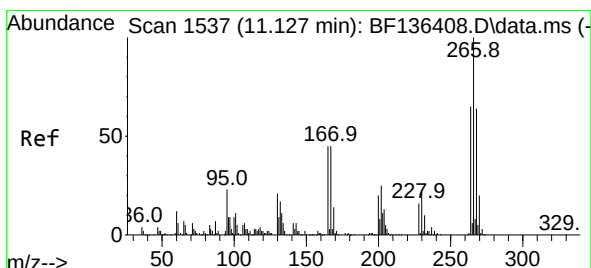
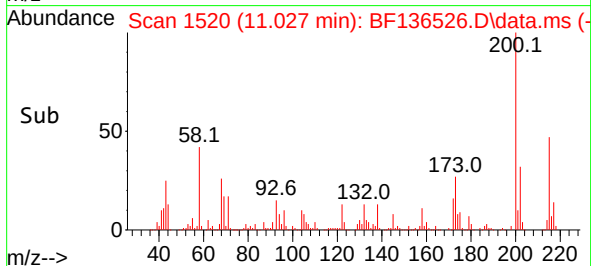
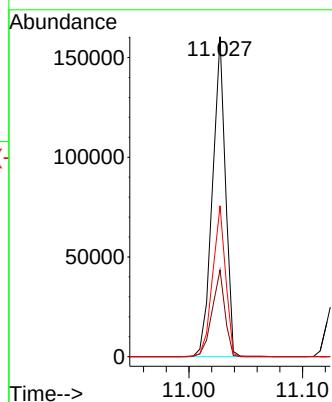
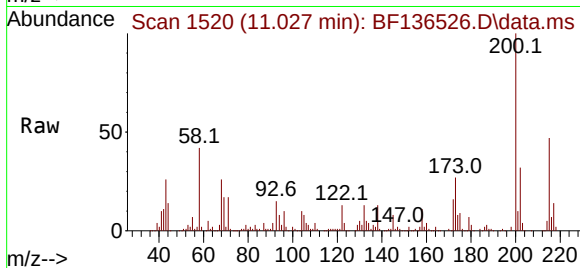
215 47.2 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#70

Pentachlorophenol

Concen: 77.732 ng

RT: 11.127 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

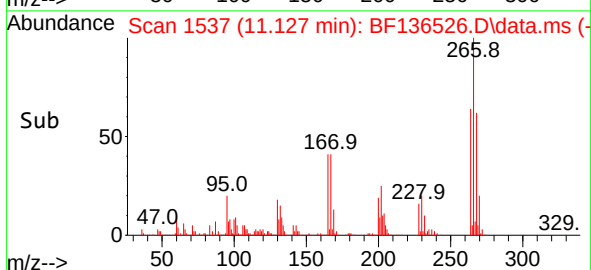
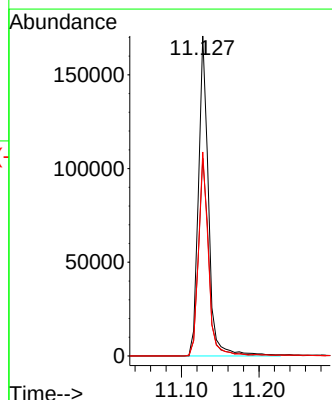
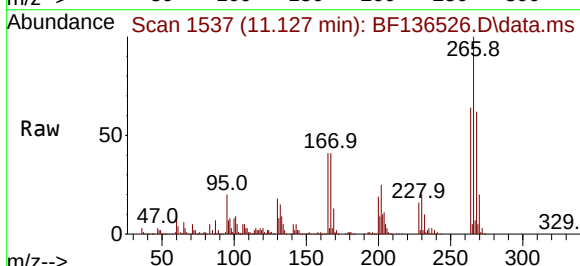
Tgt Ion:266 Resp: 153717

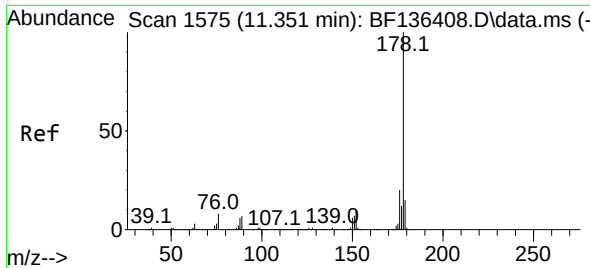
Ion Ratio Lower Upper

266 100

268 61.8 51.0 76.6

264 63.7 52.2 78.4





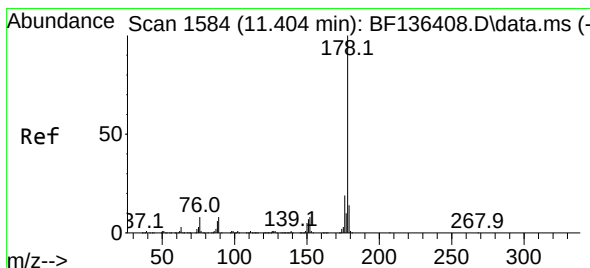
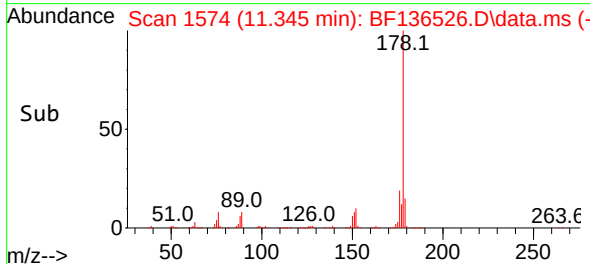
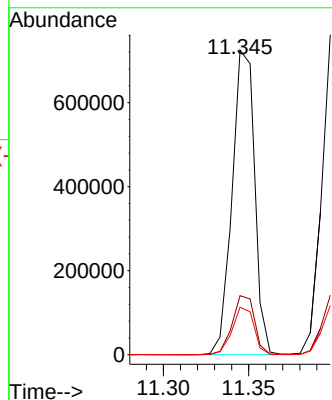
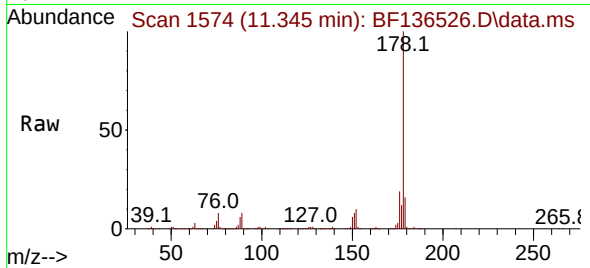
#71
Phenanthrene
Concen: 46.640 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:178 Resp: 668440
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.5 11.8 17.6

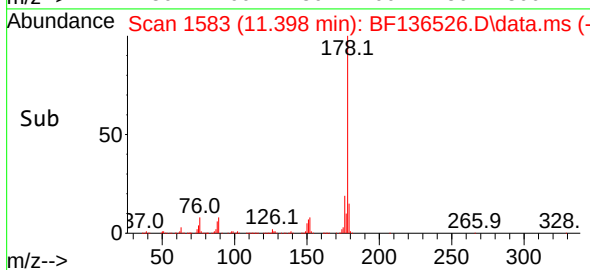
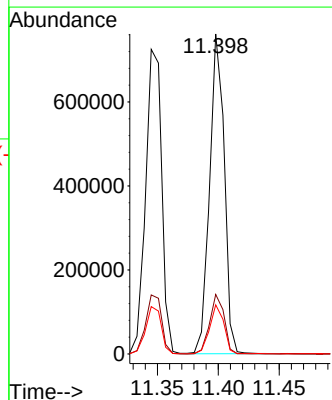
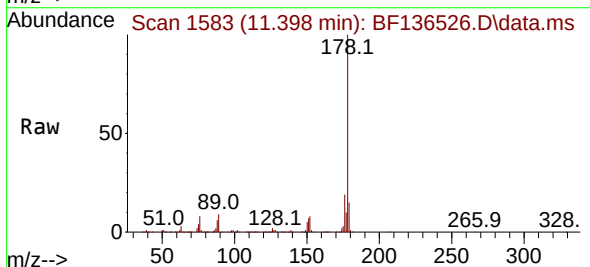
Manual Integrations
APPROVED

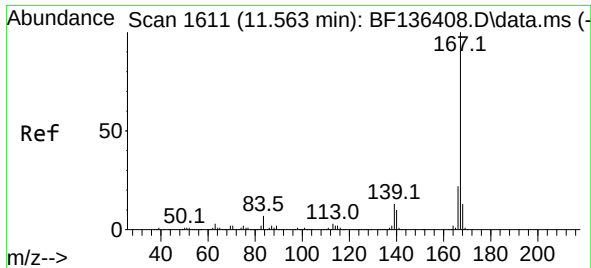
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#72
Anthracene
Concen: 44.082 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:178 Resp: 636334
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.4 11.4 17.0





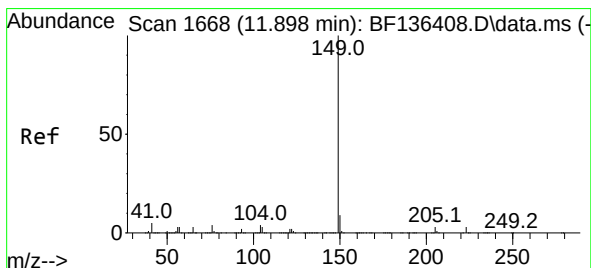
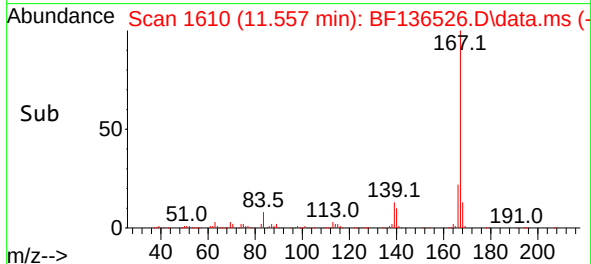
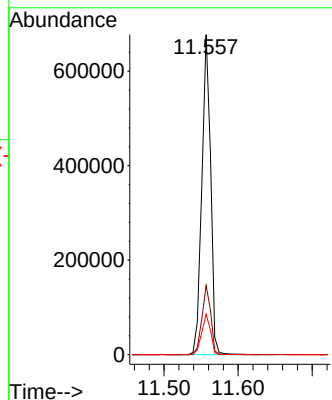
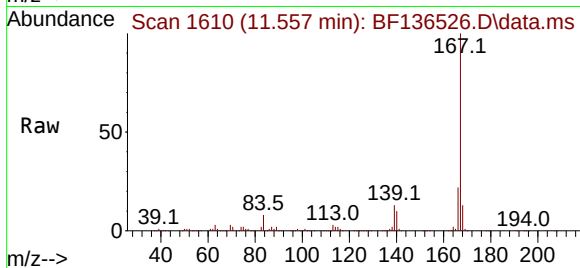
#73
 Carbazole
 Concen: 43.557 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF136526.D
 Acq: 12 Dec 2023 20:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Tgt Ion:167 Resp: 55650
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.0 27.0
 139 12.6 10.2 15.4

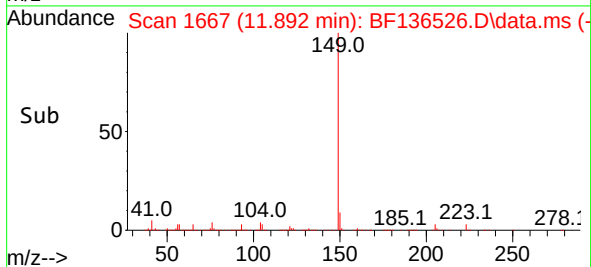
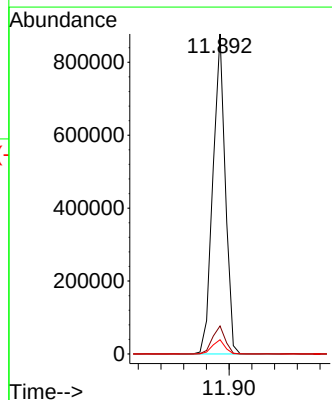
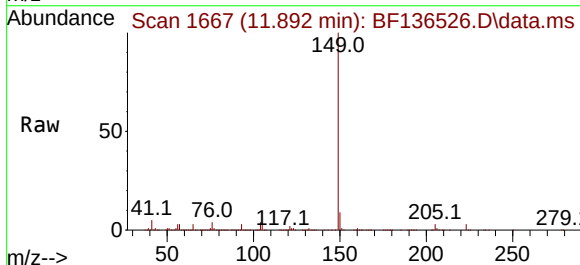
Manual Integrations
 APPROVED

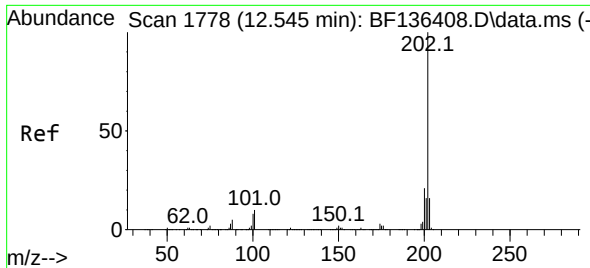
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#74
 Di-n-butylphthalate
 Concen: 42.290 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF136526.D
 Acq: 12 Dec 2023 20:31

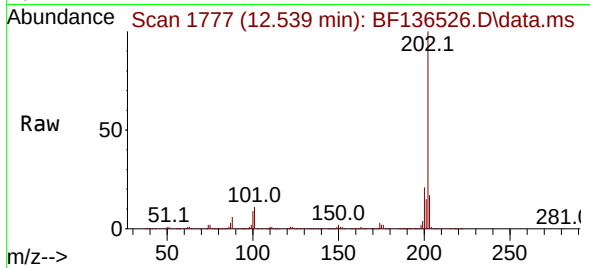
Tgt Ion:149 Resp: 662380
 Ion Ratio Lower Upper
 149 100
 150 8.8 6.9 10.3
 104 4.5 3.5 5.3





#75
Fluoranthene
Concen: 49.626 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

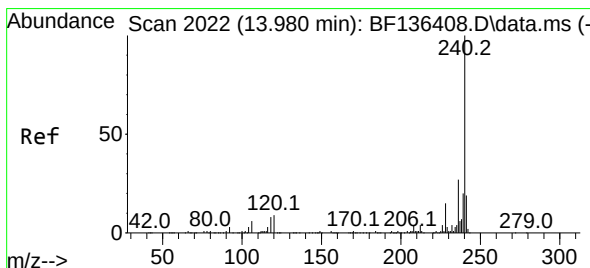
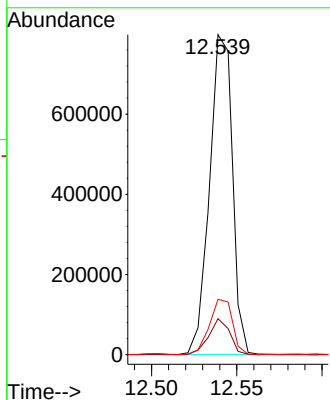
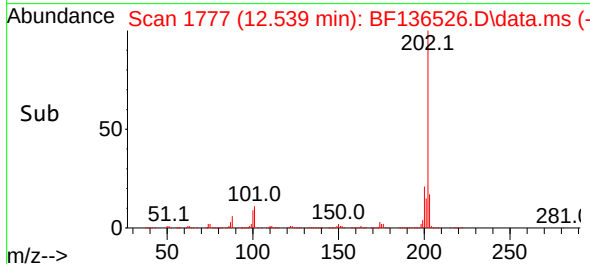
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:202 Resp: 74533
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.9
203 17.3 0.0 36.3

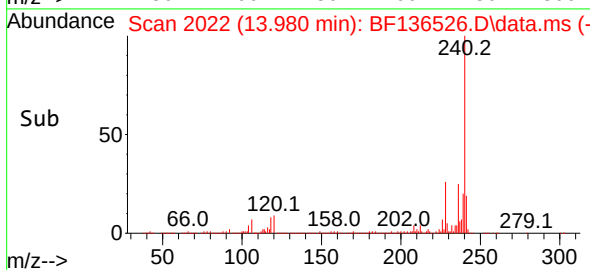
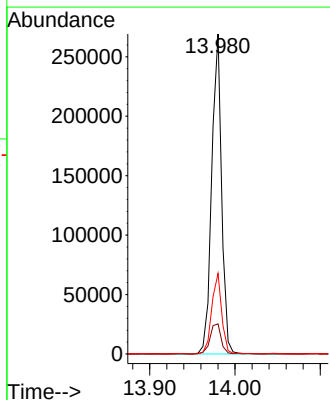
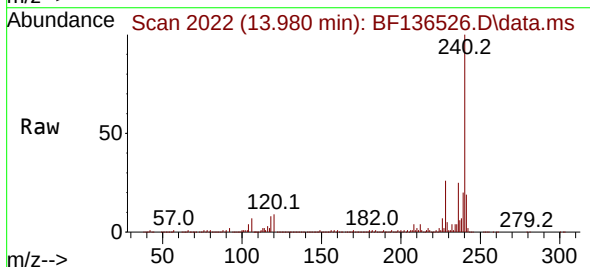
Manual Integrations
APPROVED

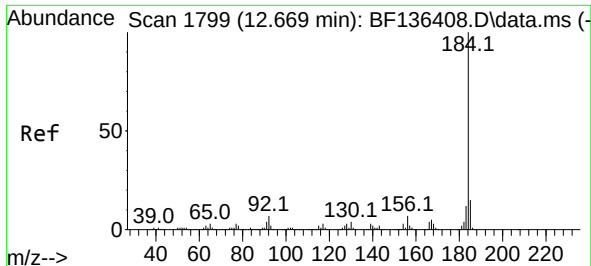
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

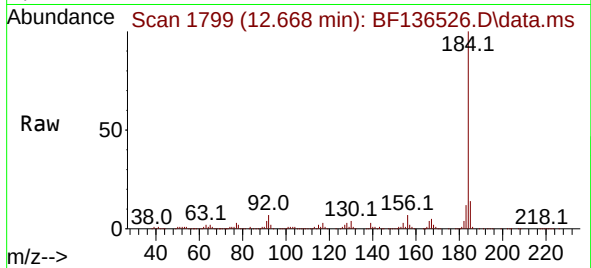
Tgt Ion:240 Resp: 217430
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.1 21.3 31.9





#77
Benzidine
Concen: 53.222 ng
RT: 12.668 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

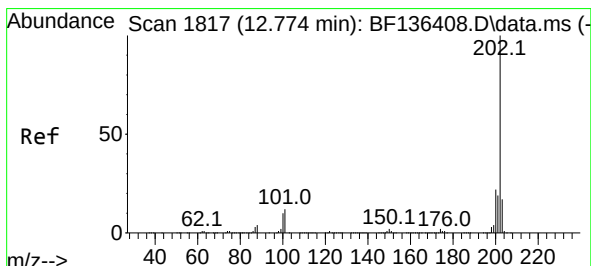
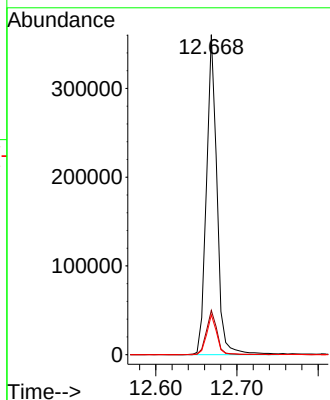
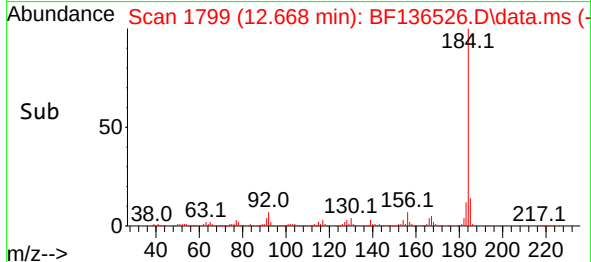
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:184 Resp: 323609
Ion Ratio Lower Upper
184 100
185 13.8 12.0 18.0
183 12.5 9.4 14.0

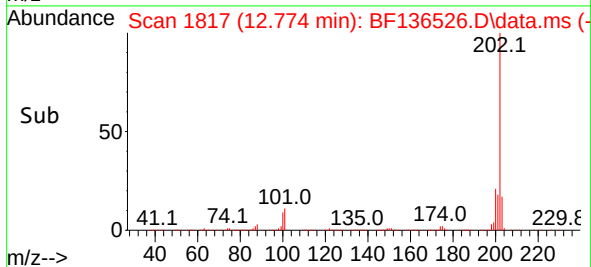
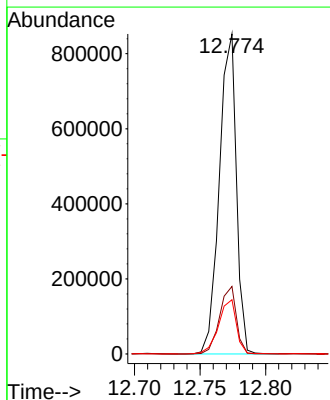
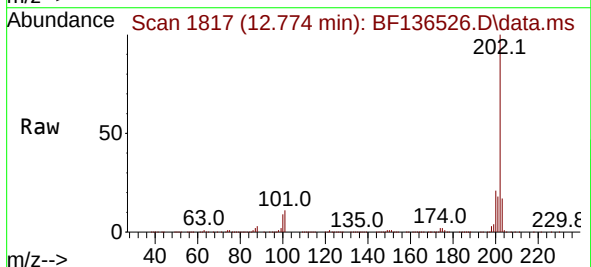
Manual Integrations
APPROVED

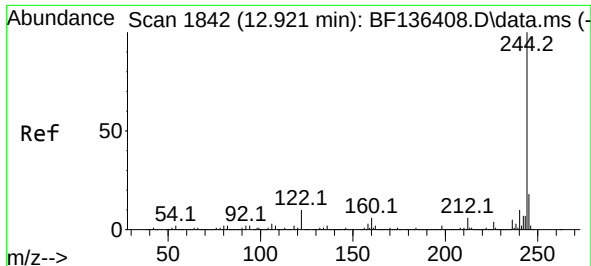
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#78
Pyrene
Concen: 36.059 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

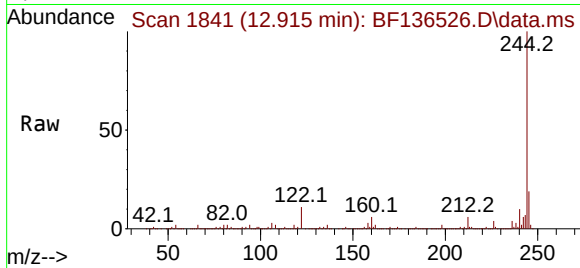
Tgt Ion:202 Resp: 767857
Ion Ratio Lower Upper
202 100
200 21.1 18.0 27.0
203 17.0 13.5 20.3





#79
 Terphenyl-d14
 Concen: 42.555 ng
 RT: 12.915 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF136526.D
 Acq: 12 Dec 2023 20:31

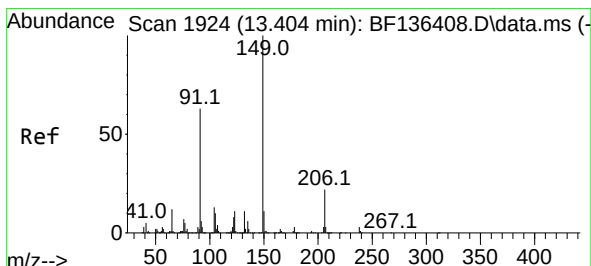
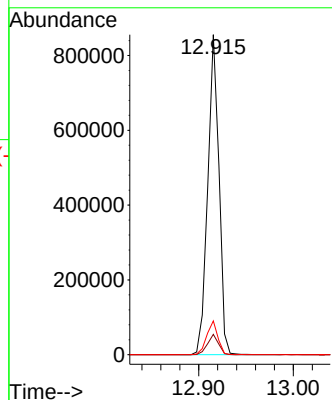
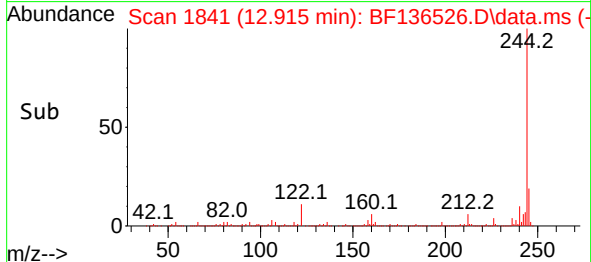
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD



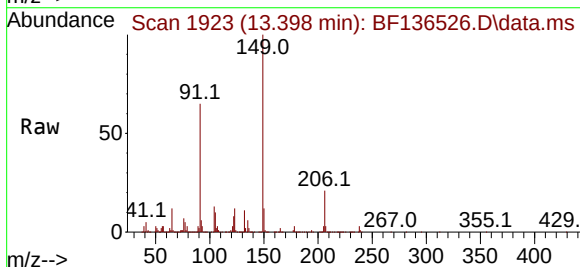
Tgt Ion:244 Resp: 702012
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.5 8.3 12.5

Manual Integrations
 APPROVED

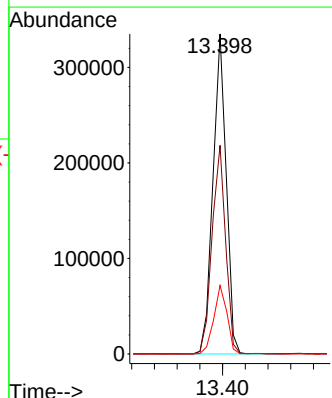
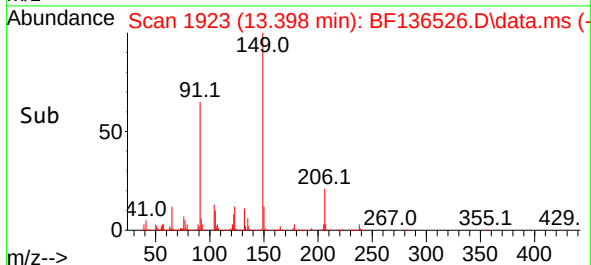
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

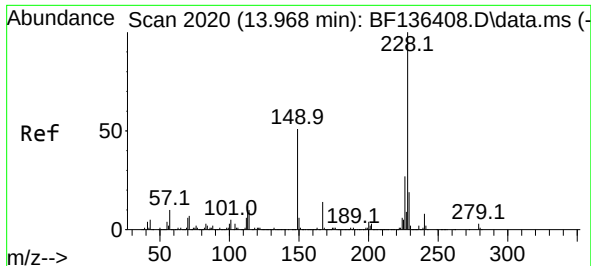


#80
 Butylbenzylphthalate
 Concen: 35.773 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136526.D
 Acq: 12 Dec 2023 20:31



Tgt Ion:149 Resp: 271170
 Ion Ratio Lower Upper
 149 100
 91 65.2 50.5 75.7
 206 21.4 17.4 26.2





#81
Benzo(a)anthracene
Concen: 47.653 ng
RT: 13.968 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

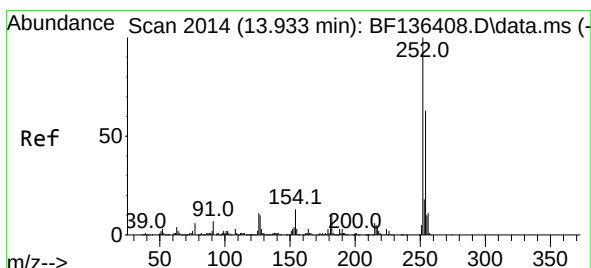
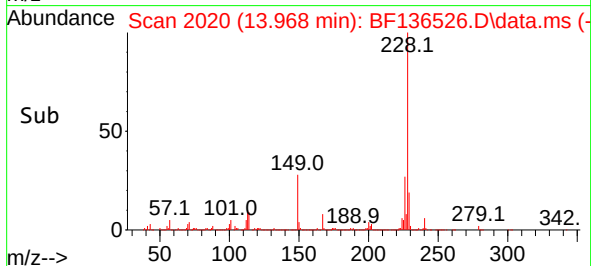
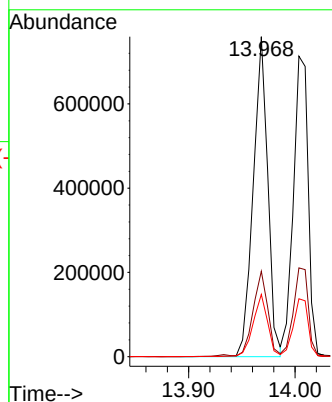
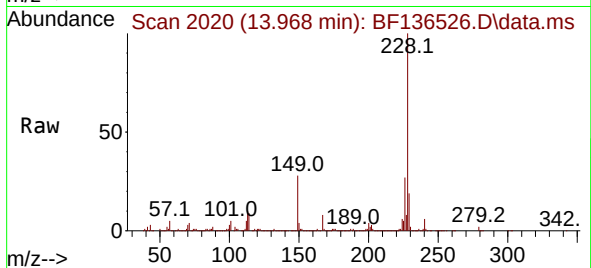
WC-2MSD

Tgt Ion:228 Resp: 72172
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.4 15.0 22.4

Manual Integrations

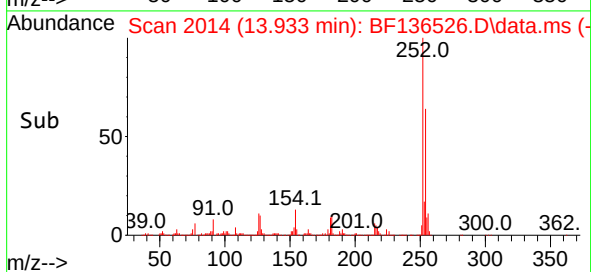
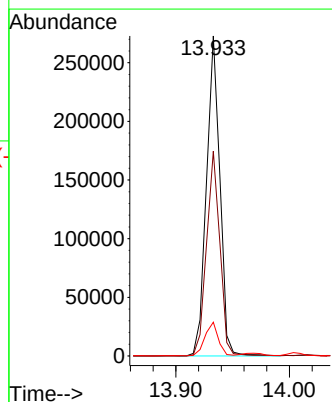
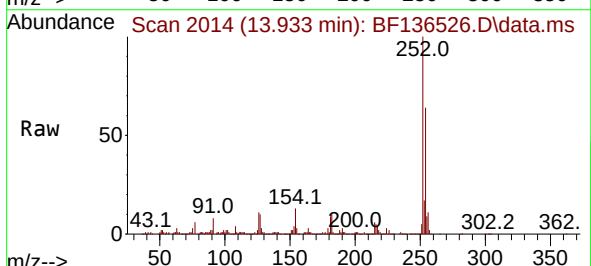
APPROVED

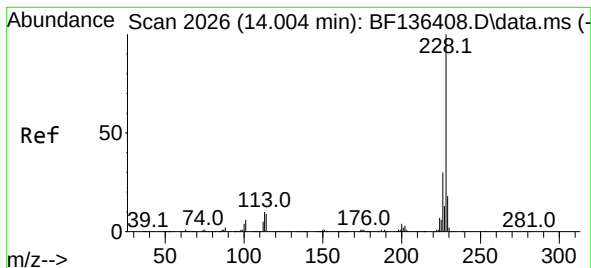
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#82
3,3'-Dichlorobenzidine
Concen: 52.708 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:252 Resp: 223822
Ion Ratio Lower Upper
252 100
254 64.0 50.8 76.2
126 10.6 8.6 12.8





#83

Chrysene

Concen: 46.177 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:228 Resp: 68807

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

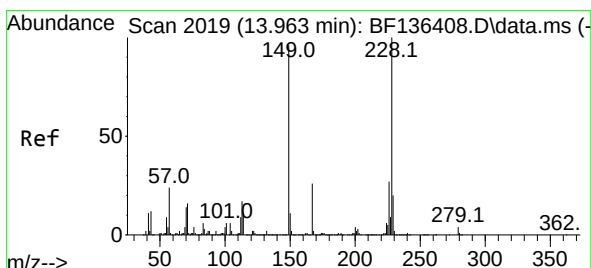
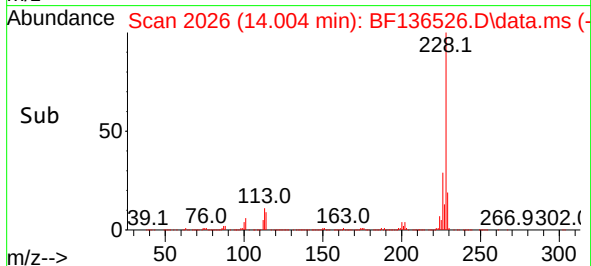
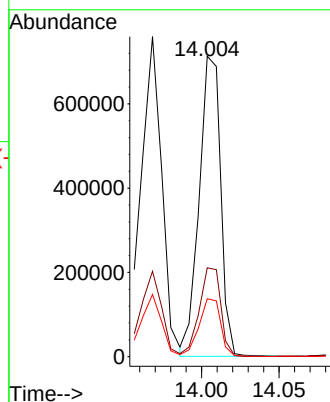
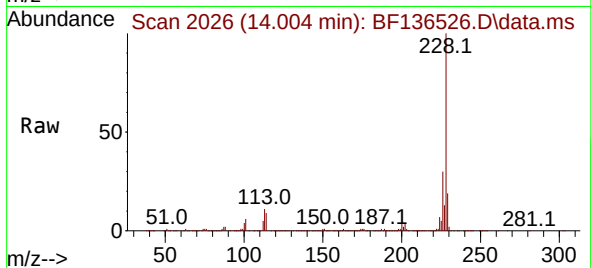
229 19.3 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.070 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

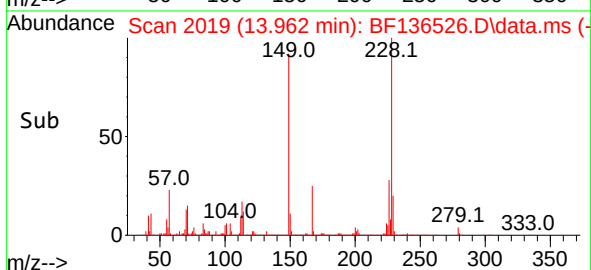
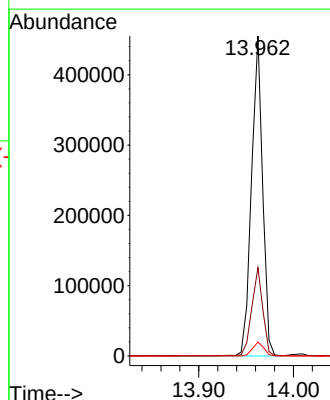
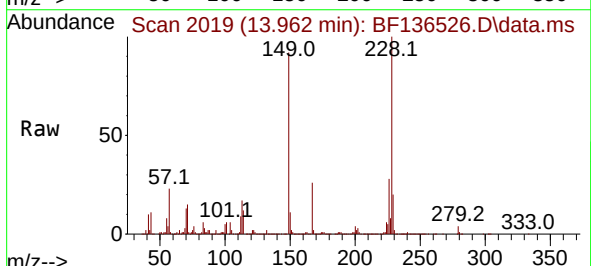
Tgt Ion:149 Resp: 372366

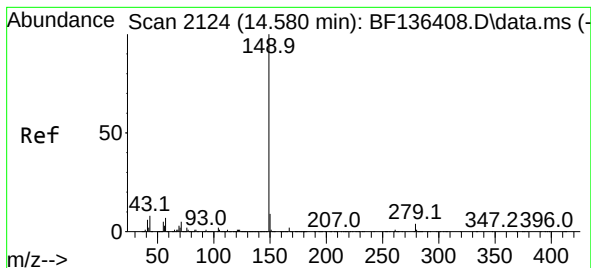
Ion Ratio Lower Upper

149 100

167 27.6 21.2 31.8

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 51.324 ng

RT: 14.580 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:149 Resp: 704490

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

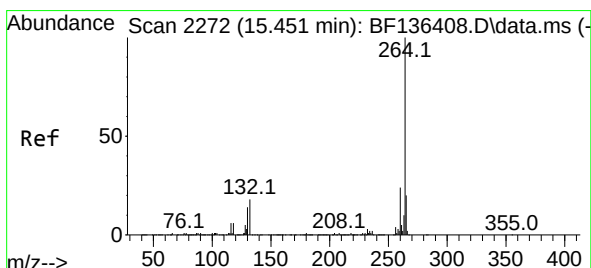
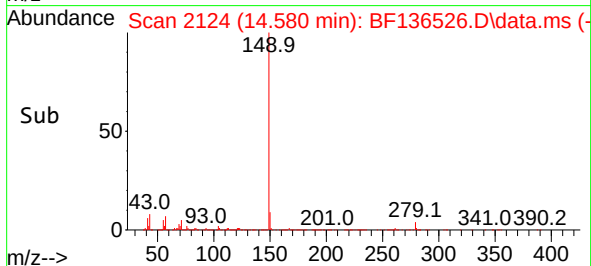
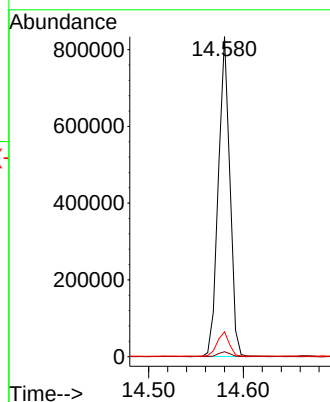
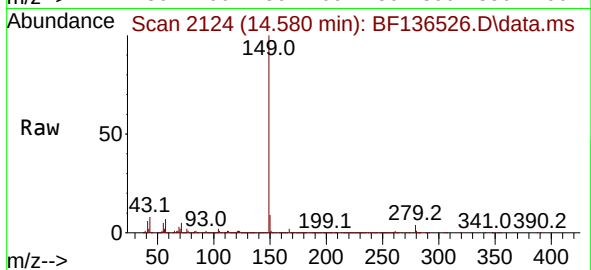
43 7.9 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

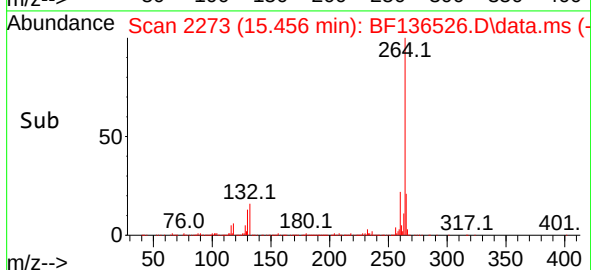
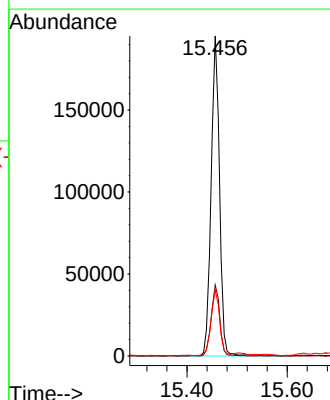
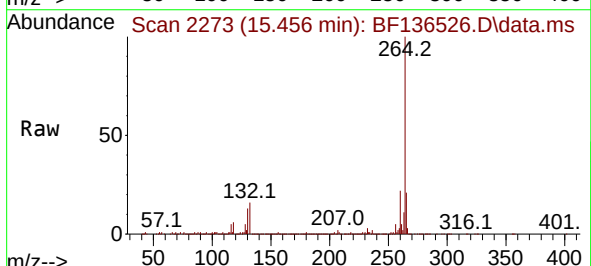
Tgt Ion:264 Resp: 227507

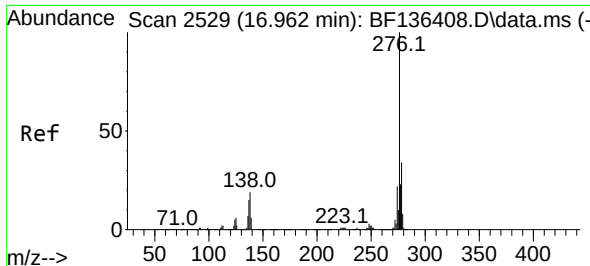
Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

265 20.6 15.9 23.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 32.973 ng
RT: 16.962 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

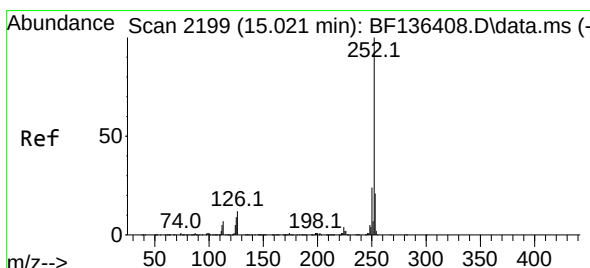
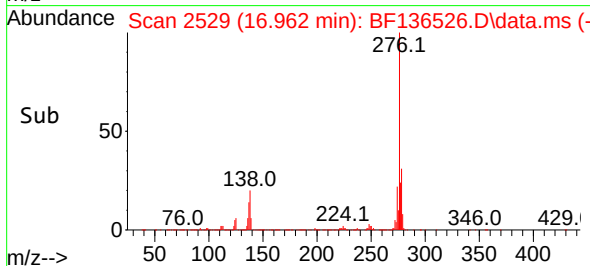
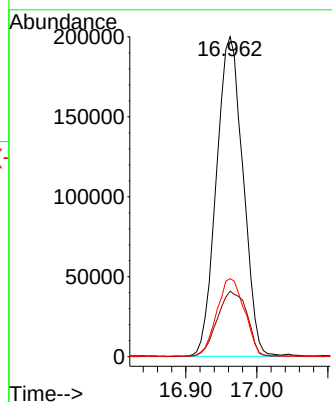
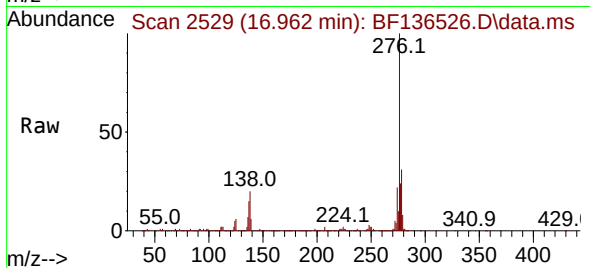
WC-2MSD

Tgt Ion:276 Resp: 52115
Ion Ratio Lower Upper
276 100
138 22.6 19.0 28.4
277 25.5 20.0 30.0

Manual Integrations

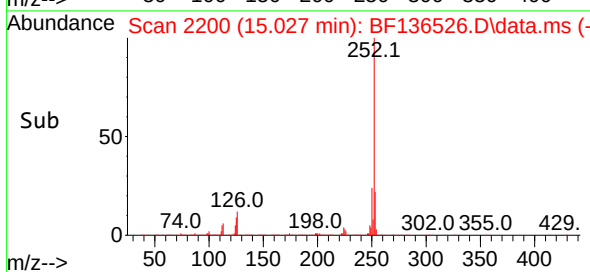
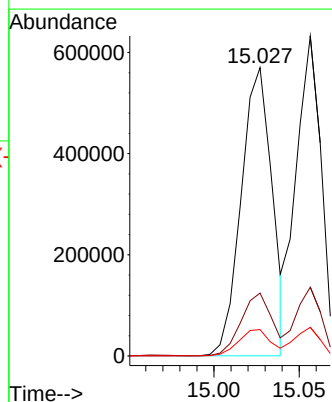
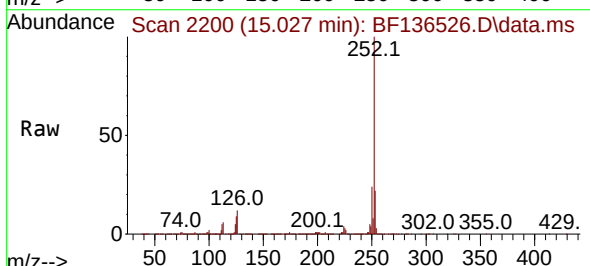
APPROVED

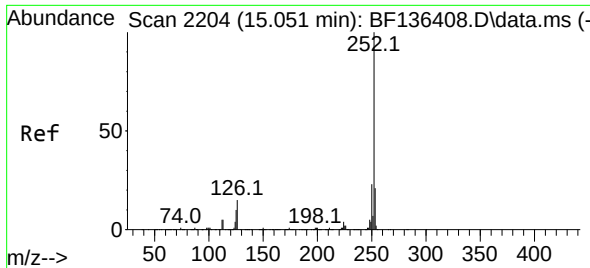
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#88
Benzo(b)fluoranthene
Concen: 46.346 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:252 Resp: 720930
Ion Ratio Lower Upper
252 100
253 21.8 16.9 25.3
125 9.2 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 44.155 ng
RT: 15.056 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

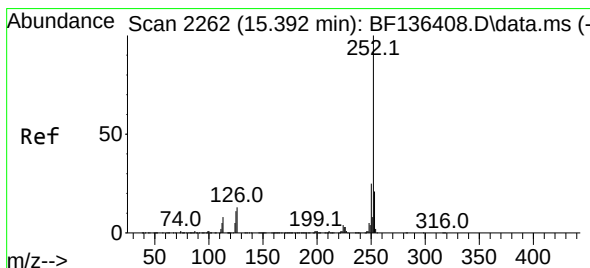
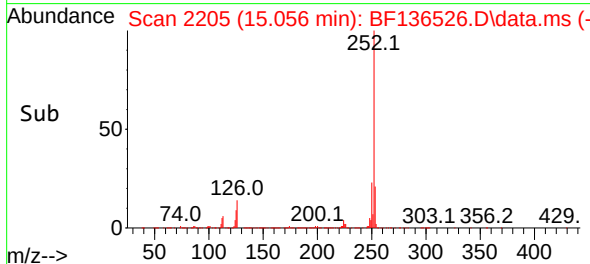
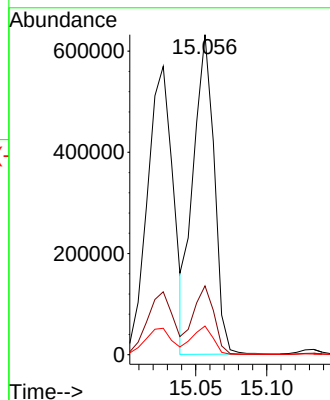
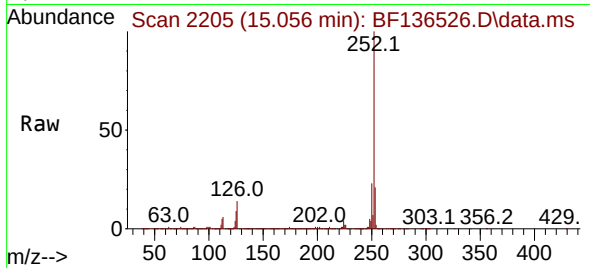
WC-2MSD

Tgt Ion:252 Resp: 64729
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 9.0 7.5 11.3

Manual Integrations

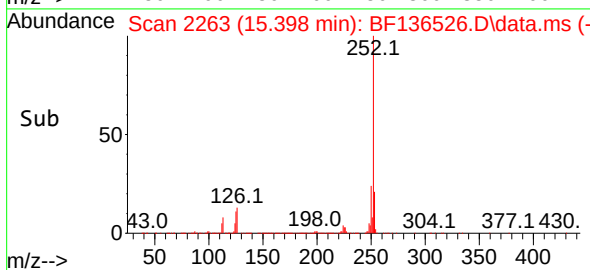
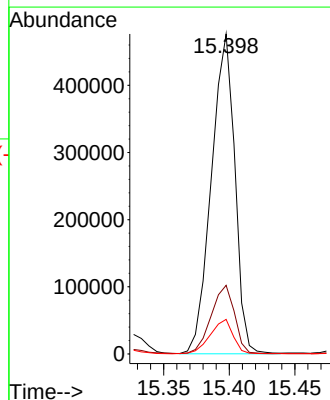
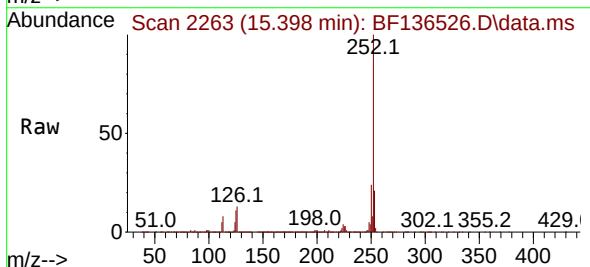
APPROVED

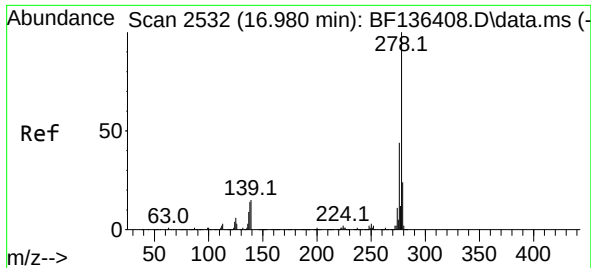
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#90
Benzo(a)pyrene
Concen: 46.125 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:252 Resp: 592535
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 10.8 8.6 13.0





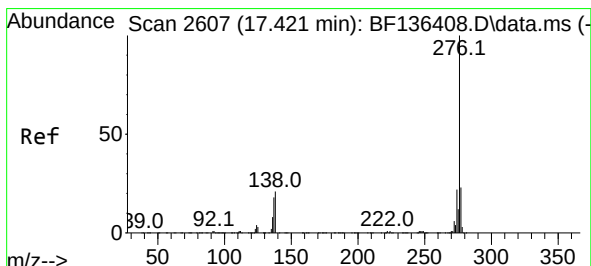
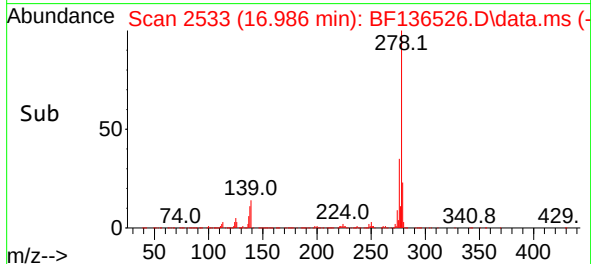
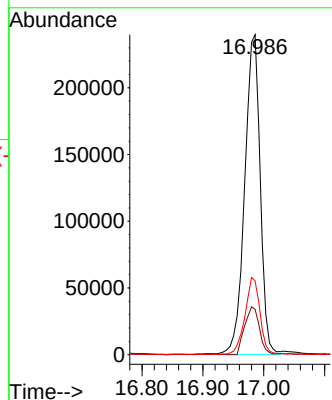
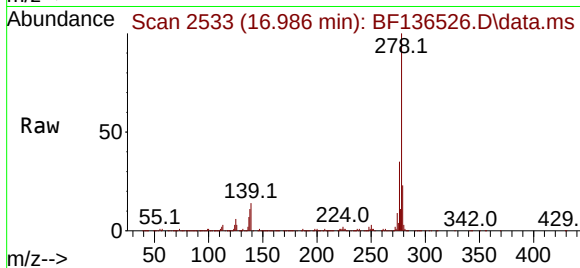
#91
Dibenzo(a,h)anthracene
Concen: 32.698 ng
RT: 16.986 min Scan# 2533
Delta R.T. 0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:278 Resp: 423385
Ion Ratio Lower Upper
278 100
139 14.2 12.2 18.4
279 23.1 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 29.136 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:276 Resp: 387224
Ion Ratio Lower Upper
276 100
277 23.2 18.7 28.1
138 20.6 16.6 25.0

