

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136585.D
 Acq On : 15 Dec 2023 10:52
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 15 11:19:44 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 15 00:33:23 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	115969	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	478165	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	250859	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	458984	20.000	ng	0.00
76) Chrysene-d12	13.963	240	223102	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	229054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	559985	71.312	ng	0.00
7) Phenol-d6	6.439	99	700509	71.500	ng	0.00
23) Nitrobenzene-d5	7.351	82	637141	72.034	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	229912	74.330	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1359639	73.955	ng	0.00
79) Terphenyl-d14	12.910	244	1360304	80.364	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	106833	34.396	ng	97
3) Pyridine	3.299	79	290922	38.678	ng	95
4) n-Nitrosodimethylamine	3.269	42	114047	34.900	ng	100
6) Aniline	6.457	93	414392	41.852	ng	95
8) 2-Chlorophenol	6.581	128	308376	35.972	ng	97
9) Benzaldehyde	6.345	77	191650	38.334	ng	95
10) Phenol	6.451	94	362684	34.789	ng	78
11) bis(2-Chloroethyl)ether	6.528	93	275665	35.474	ng	98
12) 1,3-Dichlorobenzene	6.728	146	317717	32.955	ng	97
13) 1,4-Dichlorobenzene	6.804	146	319400	32.659	ng	99
14) 1,2-Dichlorobenzene	6.957	146	302427	32.885	ng	100
15) Benzyl Alcohol	6.934	79	244264	37.232	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	326129	32.631	ng	89
17) 2-Methylphenol	7.051	107	257943	37.243	ng	96
18) Hexachloroethane	7.292	117	113495	33.240	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	202851	35.893	ng	97
20) 3+4-Methylphenols	7.204	107	322708	37.539	ng	# 82
22) Acetophenone	7.198	105	418551	35.447	ng	# 98
24) Nitrobenzene	7.369	77	303445	34.103	ng	98
25) Isophorone	7.610	82	557751	35.099	ng	97
26) 2-Nitrophenol	7.686	139	165106	37.744	ng	94
27) 2,4-Dimethylphenol	7.728	122	252822	46.872	ng	100
28) bis(2-Chloroethoxy)met...	7.822	93	348628	35.703	ng	99
29) 2,4-Dichlorophenol	7.928	162	258494	36.308	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	280407	33.777	ng	96
31) Naphthalene	8.086	128	912314	34.598	ng	99
32) Benzoic acid	7.857	122	185367m	34.643	ng	
33) 4-Chloroaniline	8.139	127	379811	40.402	ng	99
34) Hexachlorobutadiene	8.204	225	164589	33.453	ng	98
35) Caprolactam	8.522	113	79721	36.361	ng	92
36) 4-Chloro-3-methylphenol	8.628	107	274379	36.296	ng	99
37) 2-Methylnaphthalene	8.781	142	618653	36.878	ng	94
38) 1-Methylnaphthalene	8.881	142	572107	34.754	ng	97
40) 1,2,4,5-Tetrachloroben...	8.945	216	286747	36.741	ng	100
41) Hexachlorocyclopentadiene	8.928	237	115528	39.956	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	180621	35.543	ng	100

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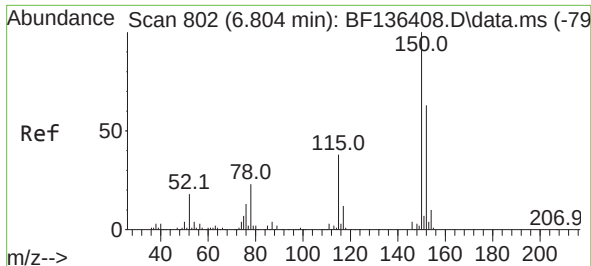
Quant Time: Dec 15 11:19:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
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Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/16/2023
 Supervised By :mohammad ahmed 12/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	212562	37.477	ng	95
46) 1,1'-Biphenyl	9.245	154	769605	36.055	ng	98
47) 2-Chloronaphthalene	9.269	162	560991	33.767	ng	97
48) 2-Nitroaniline	9.369	65	160430	36.004	ng	96
49) Acenaphthylene	9.686	152	870087	36.764	ng	98
50) Dimethylphthalate	9.551	163	693335	37.540	ng	99
51) 2,6-Dinitrotoluene	9.616	165	154148	37.099	ng	93
52) Acenaphthene	9.857	154	540703	35.653	ng	97
53) 3-Nitroaniline	9.786	138	156009	36.769	ng	96
54) 2,4-Dinitrophenol	9.892	184	70678	33.644	ng	98
55) Dibenzofuran	10.033	168	808629	36.498	ng	97
56) 4-Nitrophenol	9.957	139	101898	32.036	ng	90
57) 2,4-Dinitrotoluene	10.022	165	199291	36.257	ng	91
58) Fluorene	10.375	166	637944	35.870	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	162503	35.769	ng	98
60) Diethylphthalate	10.251	149	662989	36.506	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	324623	37.442	ng	94
62) 4-Nitroaniline	10.404	138	151290	35.910	ng	99
63) Azobenzene	10.527	77	579779	35.073	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	108464	38.157	ng	97
66) n-Nitrosodiphenylamine	10.492	169	564670	38.340	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	205228	38.458	ng	94
68) Hexachlorobenzene	10.922	284	213599	34.632	ng	96
69) Atrazine	11.022	200	151020	35.927	ng	98
70) Pentachlorophenol	11.122	266	138911	39.906	ng	98
71) Phenanthrene	11.339	178	919446	36.446	ng	99
72) Anthracene	11.392	178	946453	37.247	ng	99
73) Carbazole	11.551	167	765570	34.041	ng	99
74) Di-n-butylphthalate	11.880	149	977476	35.454	ng	99
75) Fluoranthene	12.533	202	866719	32.784	ng	99
77) Benzidine	12.657	184	90756	24.006	ng	99
78) Pyrene	12.763	202	846322	38.734	ng	98
80) Butylbenzylphthalate	13.386	149	298176	38.335	ng	93
81) Benzo(a)anthracene	13.957	228	570164	36.689	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	189130	43.406	ng	99
83) Chrysene	13.992	228	550512	36.005	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	361478	37.910	ng	97
85) Di-n-octyl phthalate	14.568	149	543221	38.569	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	637088	40.036	ng	99
88) Benzo(b)fluoranthene	15.010	252	499082	31.868	ng	99
89) Benzo(k)fluoranthene	15.039	252	491671	33.313	ng	99
90) Benzo(a)pyrene	15.380	252	488291	37.754	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	528045	40.505	ng	100
92) Benzo(g,h,i)perylene	17.404	276	529549	39.576	ng	98

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



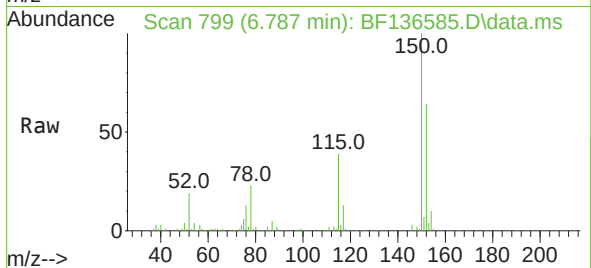
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

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SSTDCCC040



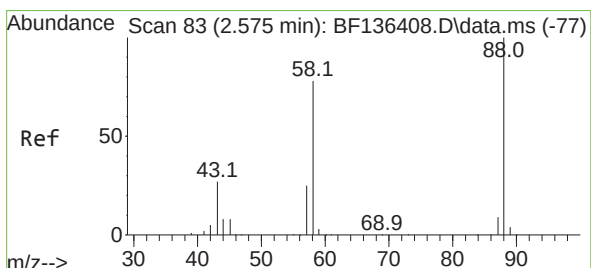
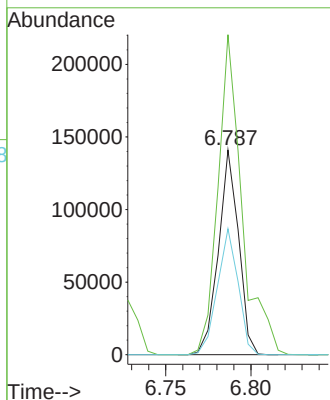
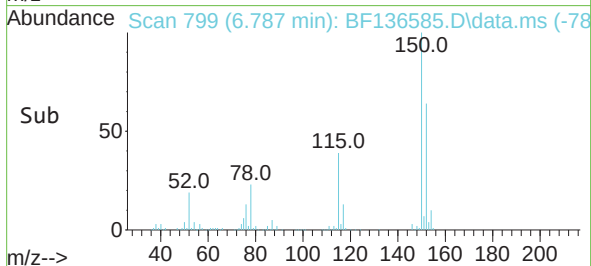
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Ion Ratio Lower Upper
152 100
150 156.4 126.4 189.6
115 61.5 48.2 72.4

Manual Integrations

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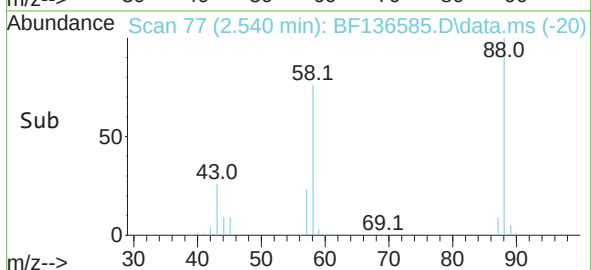
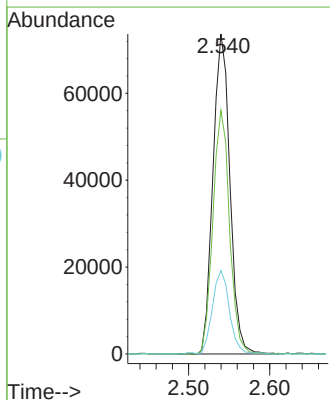
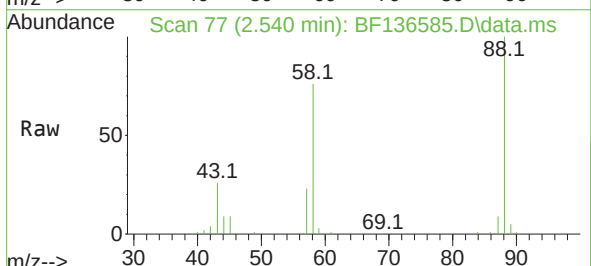
Reviewed By :Yogesh Patel 12/16/2023

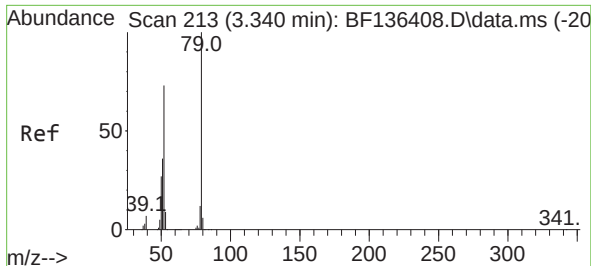
Supervised By :mohammad ahmed 12/16/2023



#2
1,4-Dioxane
Concen: 34.396 ng
RT: 2.540 min Scan# 77
Delta R.T. -0.012 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Tgt Ion: 88 Resp: 106833
Ion Ratio Lower Upper
88 100
58 74.8 62.2 93.2
43 26.4 21.5 32.3





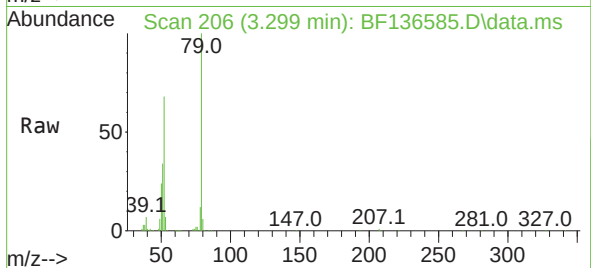
#3
Pyridine
Concen: 38.678 ng
RT: 3.299 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

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SSTDCCC040



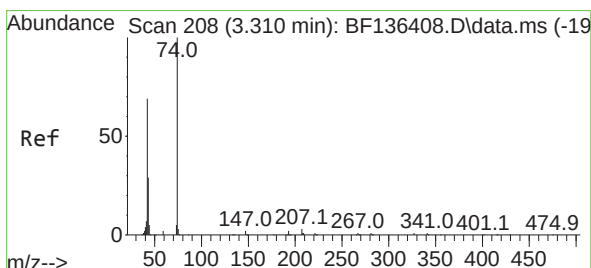
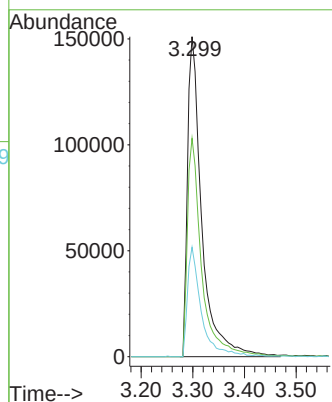
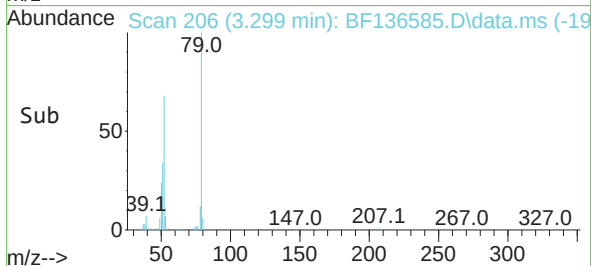
Tgt Ion: 79 Resp: 29092
Ion Ratio Lower Upper
79 100
52 68.3 58.2 87.2
51 34.2 29.1 43.7

Manual Integrations

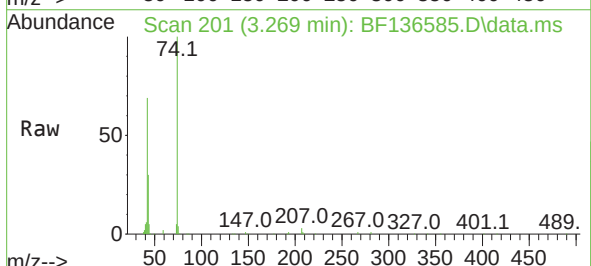
APPROVED

Reviewed By :Yogesh Patel 12/16/2023

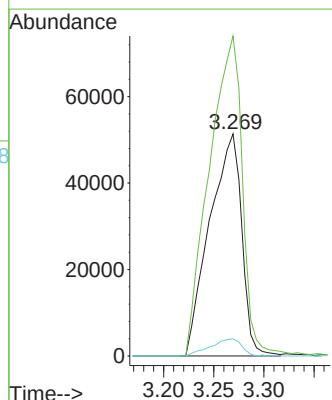
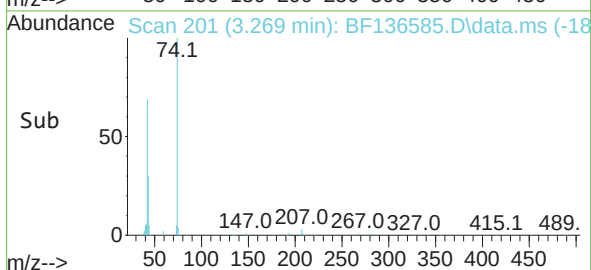
Supervised By :mohammad ahmed 12/16/2023

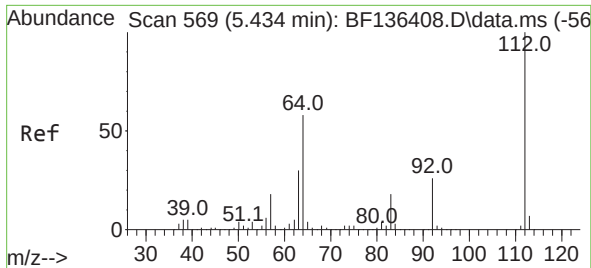


#4
n-Nitrosodimethylamine
Concen: 34.900 ng
RT: 3.269 min Scan# 201
Delta R.T. -0.018 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



Tgt Ion: 42 Resp: 114047
Ion Ratio Lower Upper
42 100
74 144.1 115.4 173.0
44 7.7 6.2 9.2





#5
2-Fluorophenol
Concen: 71.312 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

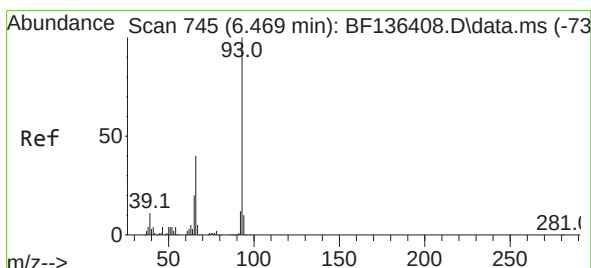
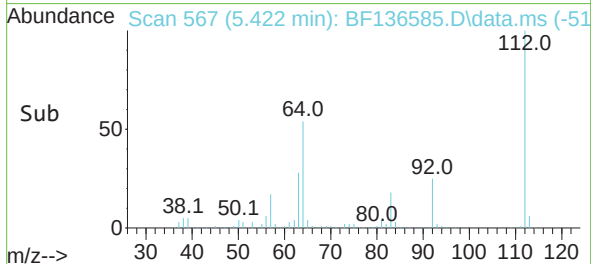
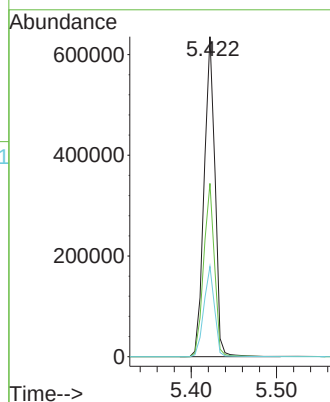
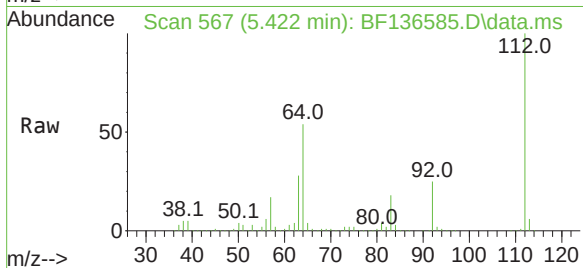
SSTDCCC040

Tgt Ion:112 Resp: 55998
Ion Ratio Lower Upper
112 100
64 54.2 46.5 69.7
63 28.2 23.9 35.9

Manual Integrations

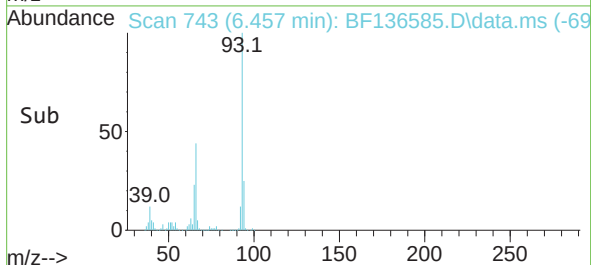
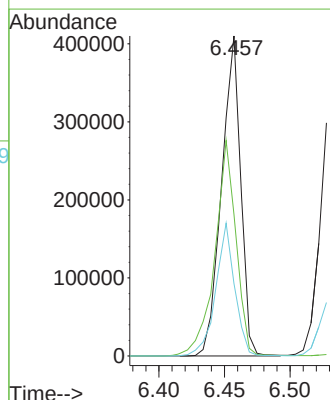
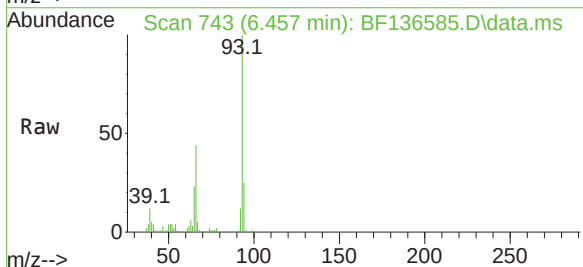
APPROVED

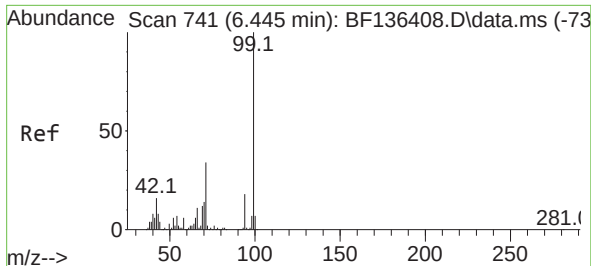
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#6
Aniline
Concen: 41.852 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Tgt Ion: 93 Resp: 414392
Ion Ratio Lower Upper
93 100
66 44.2 32.5 48.7
65 22.7 16.4 24.6





#7

Phenol-d6

Concen: 71.500 ng

RT: 6.439 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136585.D

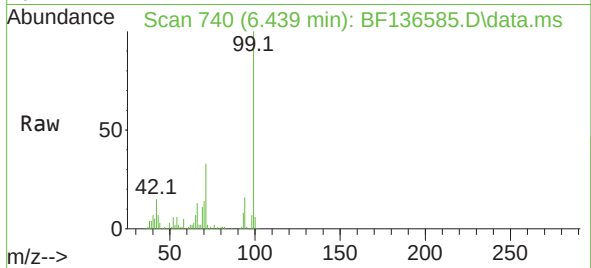
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 99 Resp: 700509

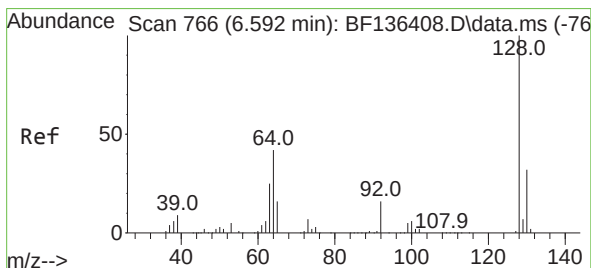
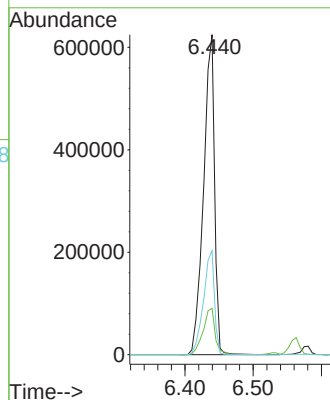
Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.8	19.2
71	32.5	27.0	40.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#8

2-Chlorophenol

Concen: 35.972 ng

RT: 6.581 min Scan# 764

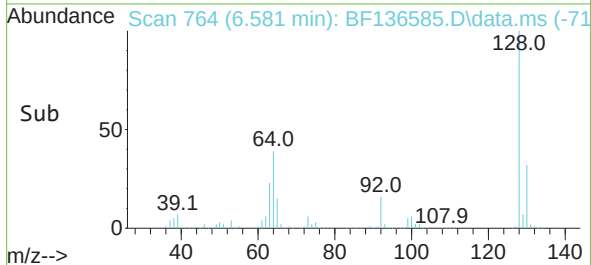
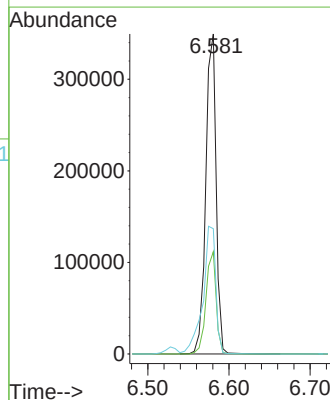
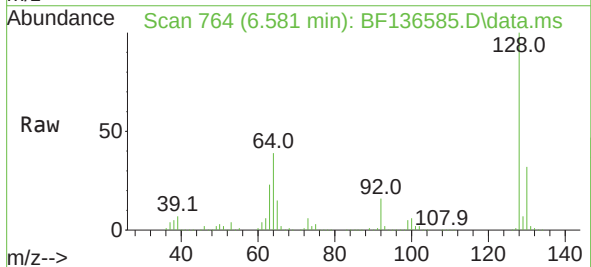
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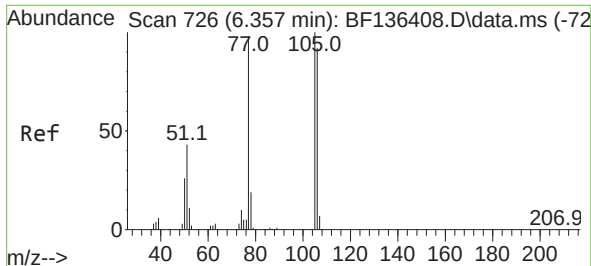
Lab File: BF136585.D

Acq: 15 Dec 2023 10:52

Tgt Ion:128 Resp: 308376

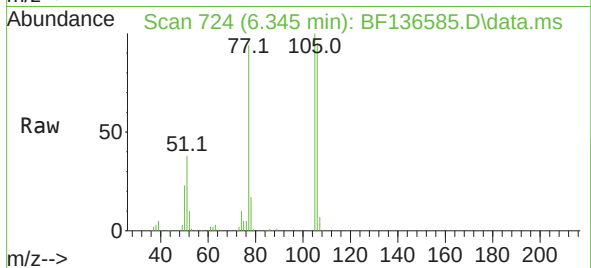
Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.7	51.7
64	39.2	22.5	62.5





#9
Benzaldehyde
Concen: 38.334 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136585.D
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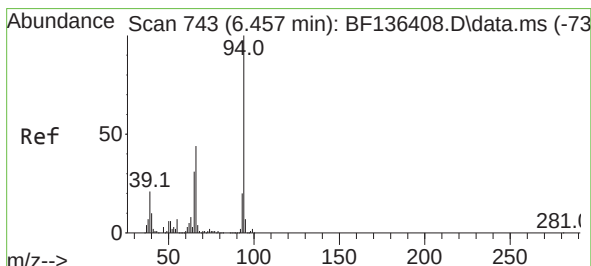
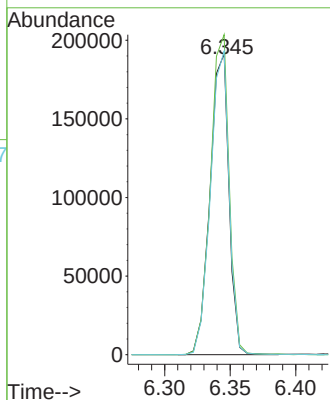
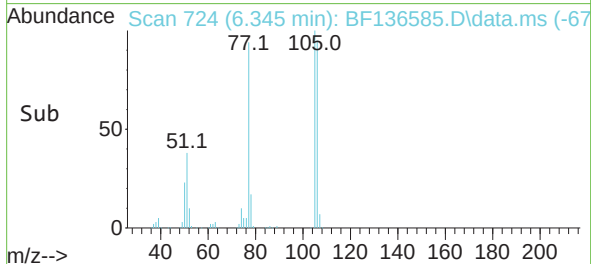
Instrument :
BNA_F
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SSTDCCC040



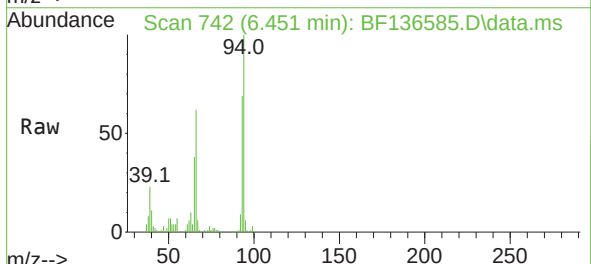
Tgt Ion: 77 Resp: 191650
Ion Ratio Lower Upper
77 100
105 106.4 82.5 122.5
106 100.9 74.5 114.5

Manual Integrations
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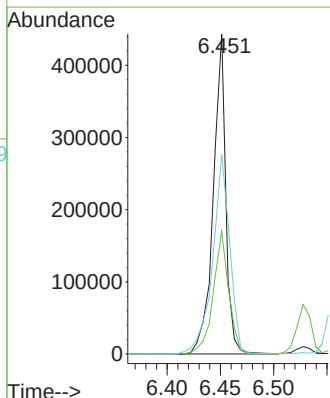
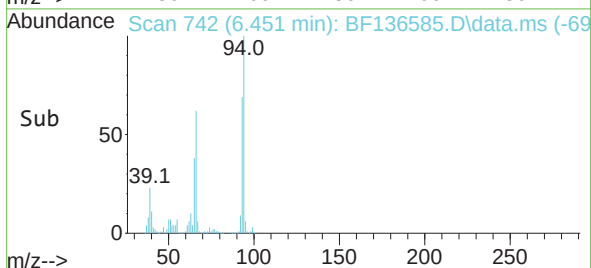
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

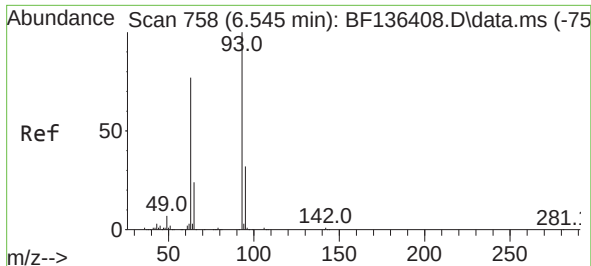


#10
Phenol
Concen: 34.789 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



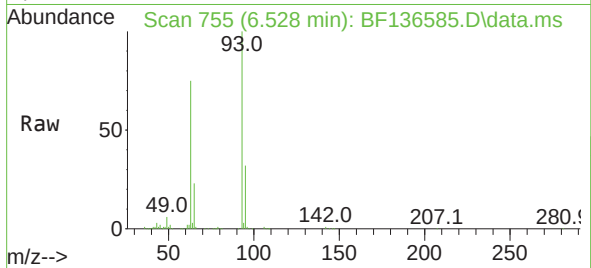
Tgt Ion: 94 Resp: 362684
Ion Ratio Lower Upper
94 100
65 38.4 11.2 51.2
66 62.3 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 35.474 ng
RT: 6.528 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

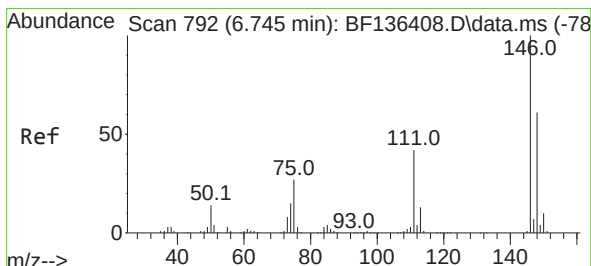
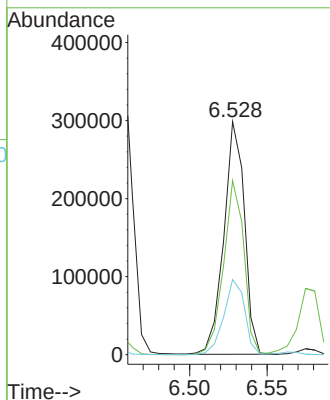
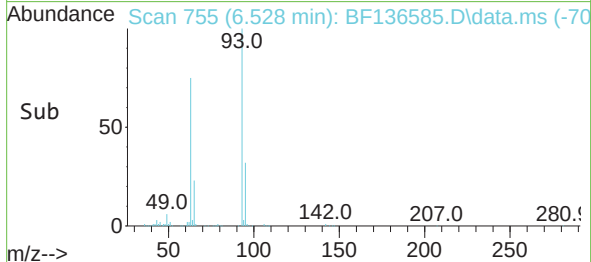
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



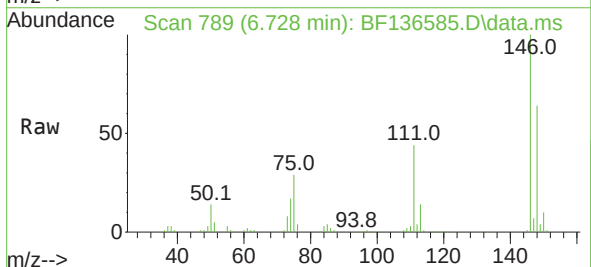
Tgt Ion: 93 Resp: 27566
Ion Ratio Lower Upper
93 100
63 74.7 56.8 96.8
95 32.2 11.8 51.8

Manual Integrations
APPROVED

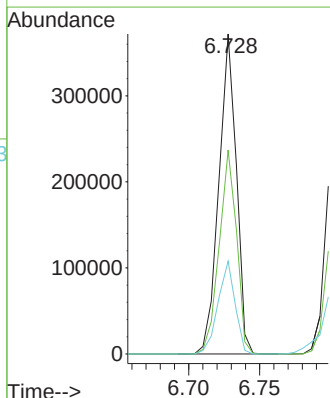
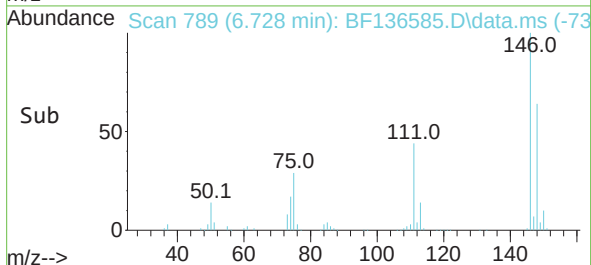
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

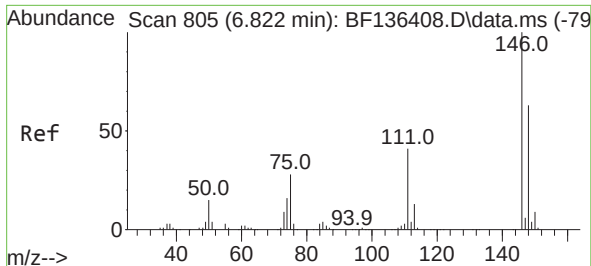


#12
1,3-Dichlorobenzene
Concen: 32.955 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



Tgt Ion:146 Resp: 317717
Ion Ratio Lower Upper
146 100
148 63.7 49.0 73.6
75 29.0 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 32.659 ng

RT: 6.804 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF136585.D

Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 319400

Ion Ratio Lower Upper

146 100

148 62.6 50.3 75.5

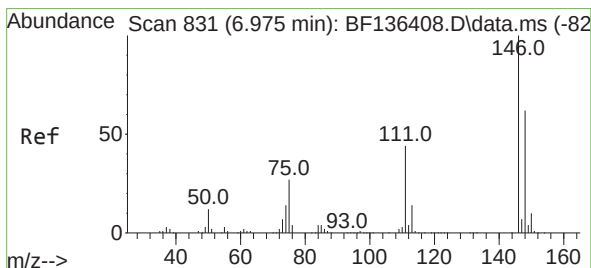
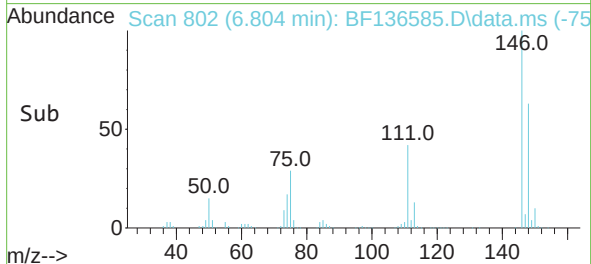
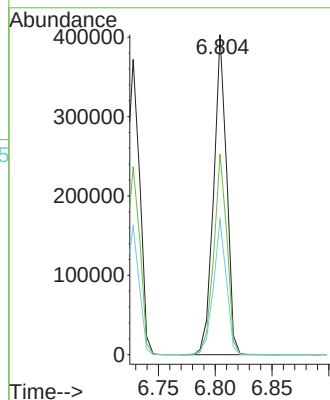
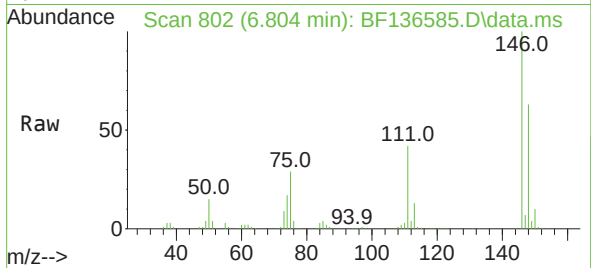
111 42.2 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#14

1,2-Dichlorobenzene

Concen: 32.885 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF136585.D

Acq: 15 Dec 2023 10:52

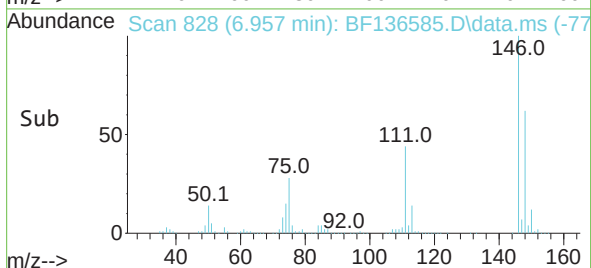
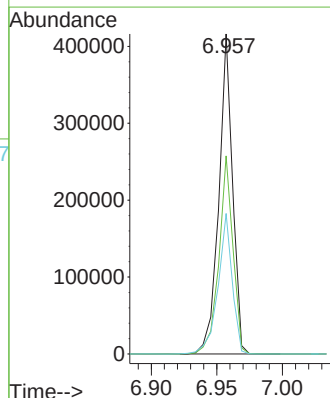
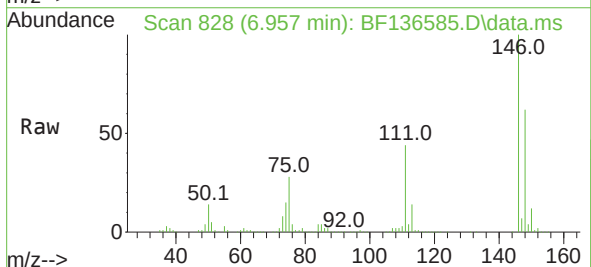
Tgt Ion:146 Resp: 302427

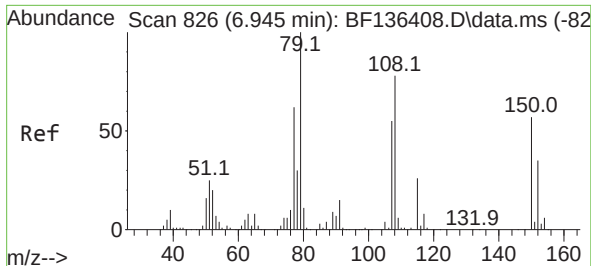
Ion Ratio Lower Upper

146 100

148 61.9 49.8 74.6

111 43.9 34.9 52.3





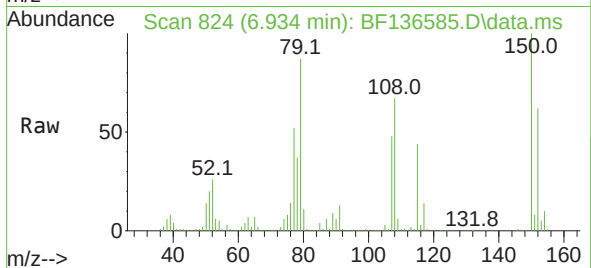
#15
Benzyl Alcohol
Concen: 37.232 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

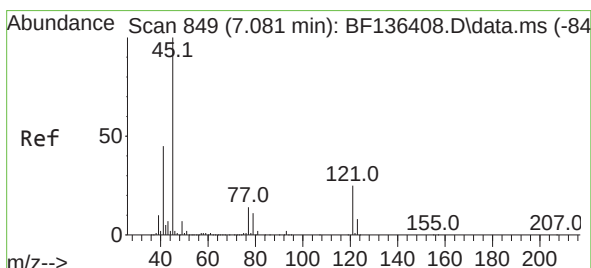
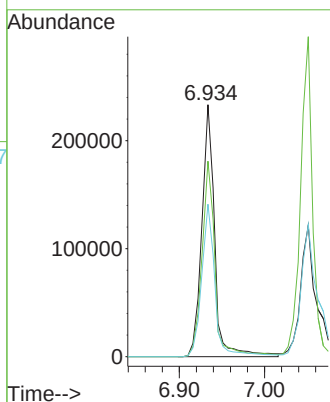
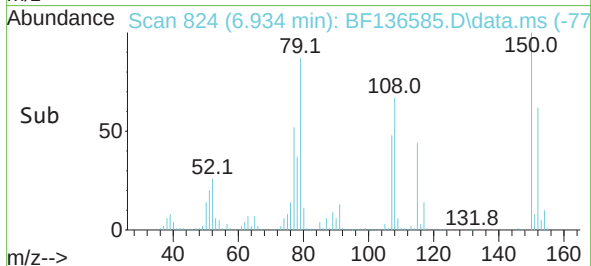


Tgt Ion: 79 Resp: 244264
Ion Ratio Lower Upper
79 100
108 77.6 62.3 93.5
77 60.5 49.8 74.8

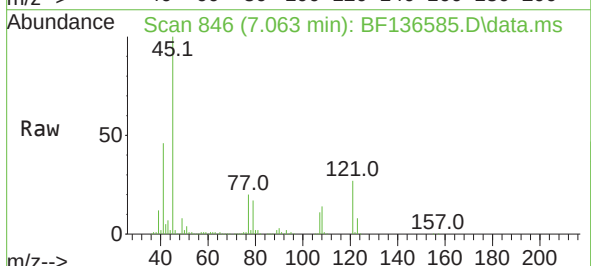
Manual Integrations

APPROVED

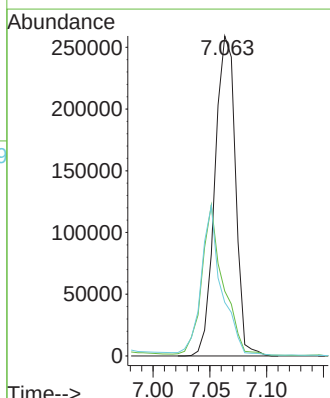
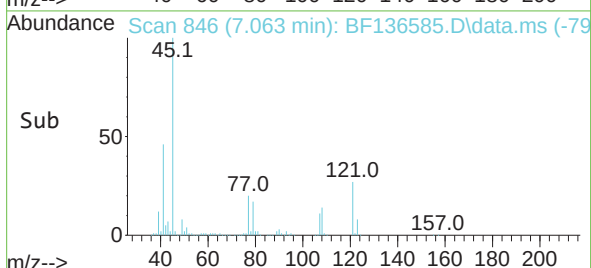
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

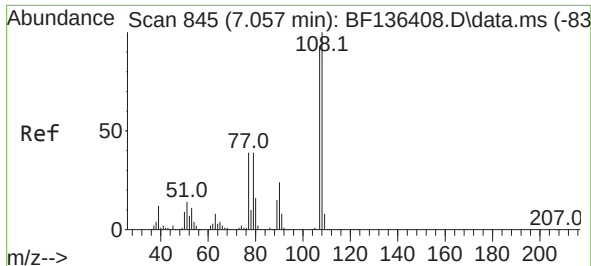


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.631 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



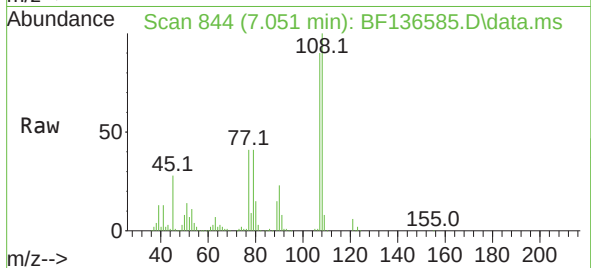
Tgt Ion: 45 Resp: 326129
Ion Ratio Lower Upper
45 100
77 20.2 0.0 35.3
79 16.8 0.0 32.5





#17
2-Methylphenol
Concen: 37.243 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

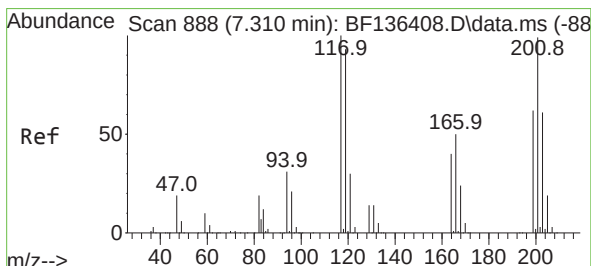
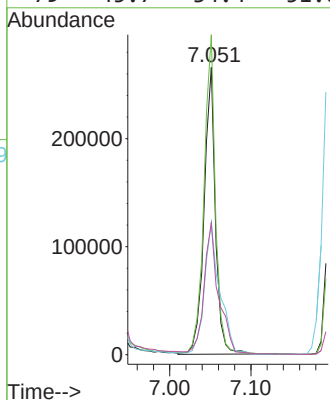
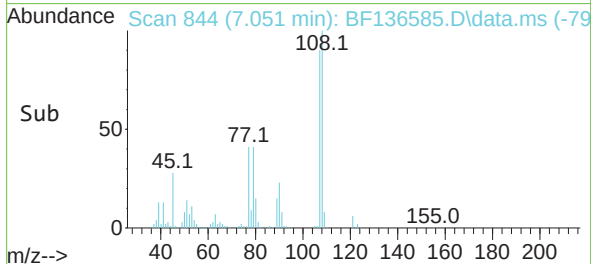
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



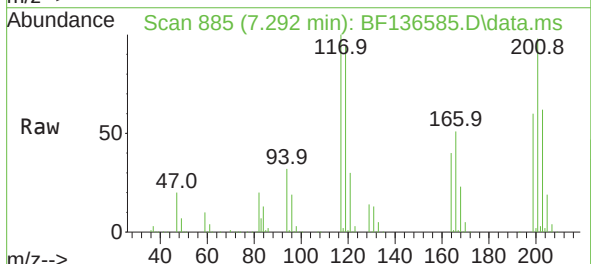
Tgt Ion:	107	Resp:	25794
Ion	Ratio	Lower	Upper
107	100		
108	111.3	86.5	129.7
77	46.0	33.8	50.8
79	45.7	34.4	51.6

Manual Integrations
APPROVED

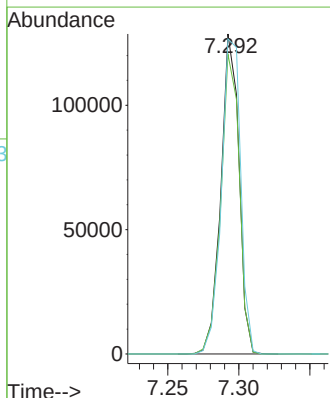
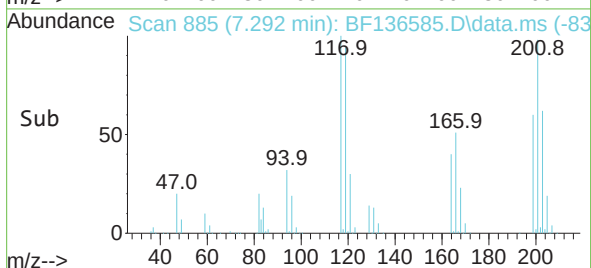
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

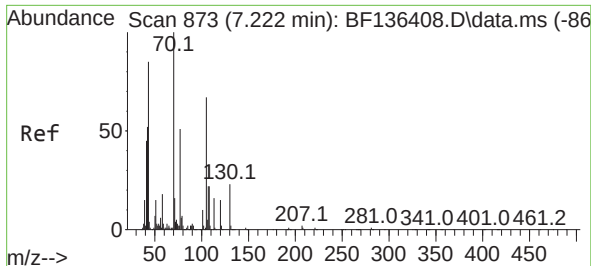


#18
Hexachloroethane
Concen: 33.240 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



Tgt Ion:	117	Resp:	113495
Ion	Ratio	Lower	Upper
117	100		
119	93.7	74.3	111.5
201	98.4	79.3	118.9





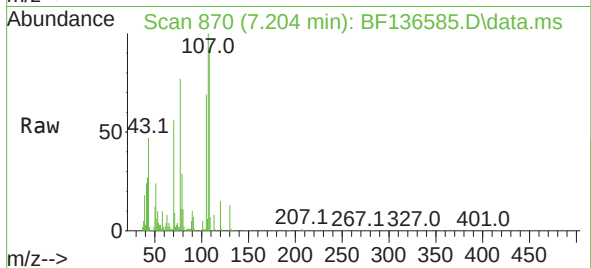
#19
n-Nitroso-di-n-propylamine
Concen: 35.893 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



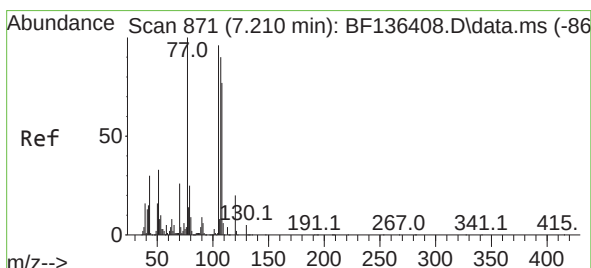
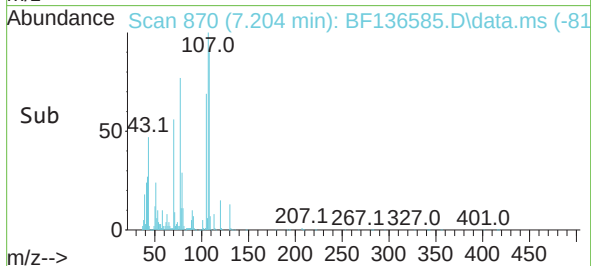
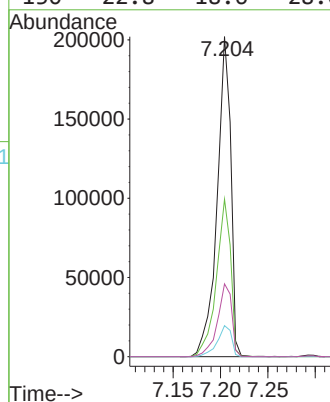
Tgt Ion: 70 Resp: 20285
Ion Ratio Lower Upper
70 100
42 49.2 41.4 62.0
101 9.7 8.2 12.4
130 22.8 18.6 28.0

Manual Integrations

APPROVED

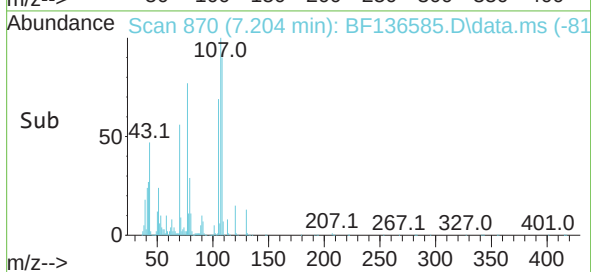
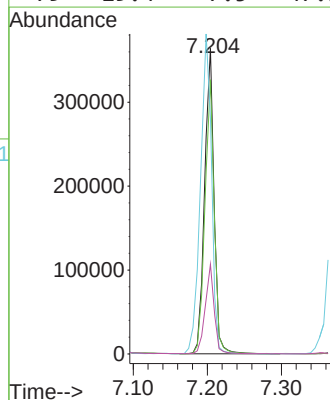
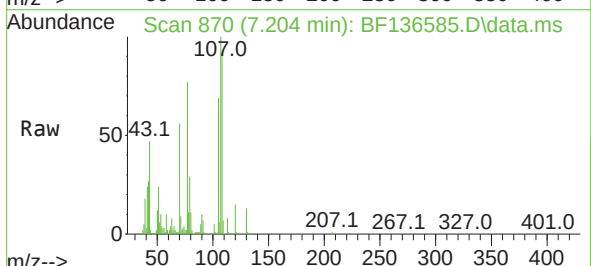
Reviewed By :Yogesh Patel 12/16/2023

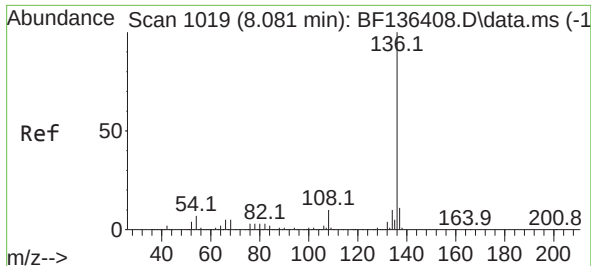
Supervised By :mohammad ahmed 12/16/2023



#20
3+4-Methylphenols
Concen: 37.539 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Tgt Ion:107 Resp: 322708
Ion Ratio Lower Upper
107 100
108 89.8 65.9 105.9
77 77.2 91.7 131.7#
79 29.4 7.5 47.5





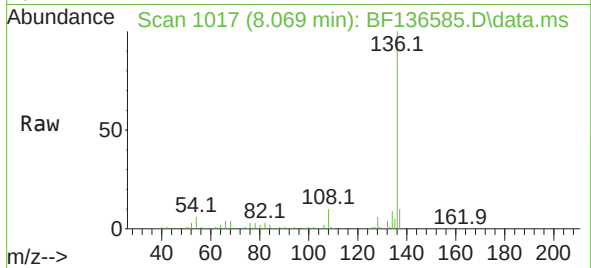
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



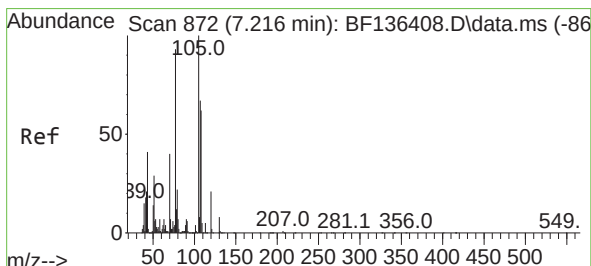
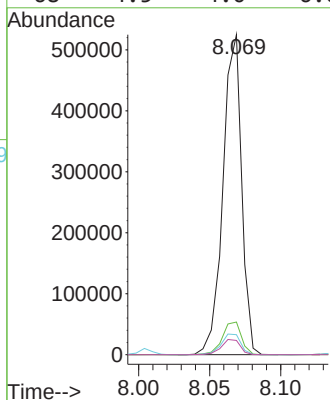
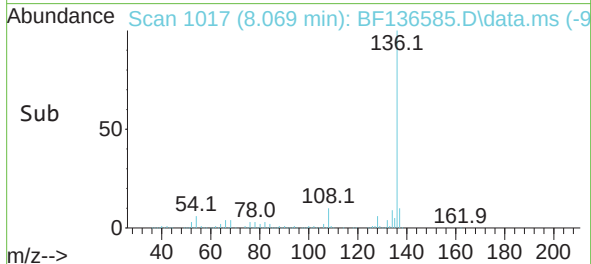
Tgt Ion:136 Resp: 47816
Ion Ratio Lower Upper
136 100
137 10.2 8.6 12.8
54 6.3 5.7 8.5
68 4.5 4.0 6.0

Manual Integrations

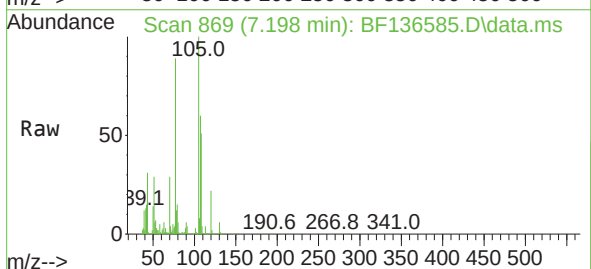
APPROVED

Reviewed By :Yogesh Patel 12/16/2023

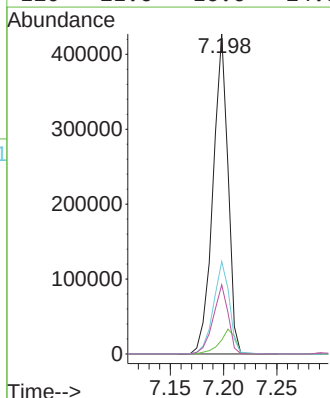
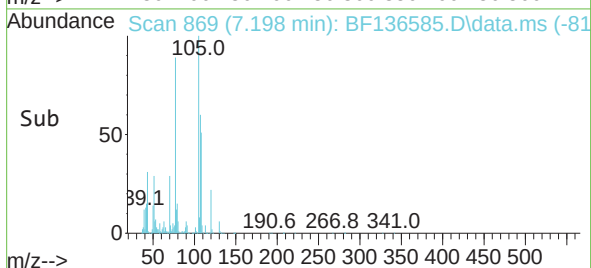
Supervised By :mohammad ahmed 12/16/2023

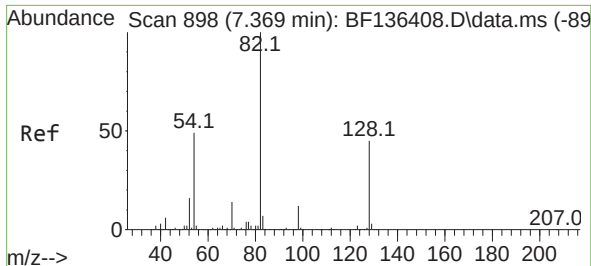


#22
Acetophenone
Concen: 35.447 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



Tgt Ion:105 Resp: 418551
Ion Ratio Lower Upper
105 100
71 4.3 5.4 8.0#
51 28.9 23.4 35.2
120 21.6 16.6 24.8





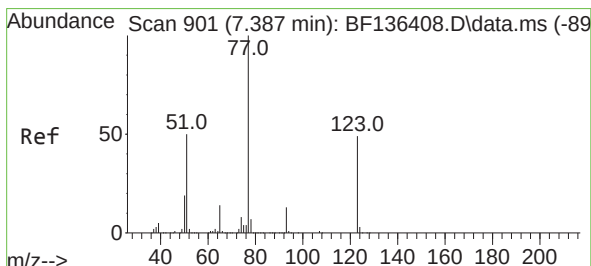
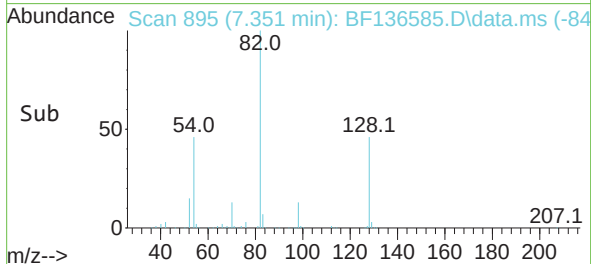
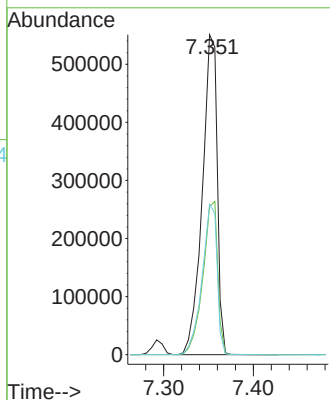
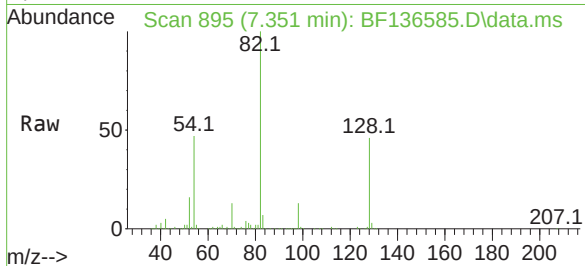
#23
Nitrobenzene-d5
Concen: 72.034 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 63714
Ion Ratio Lower Upper
82 100
128 46.2 36.3 54.5
54 47.0 39.0 58.6

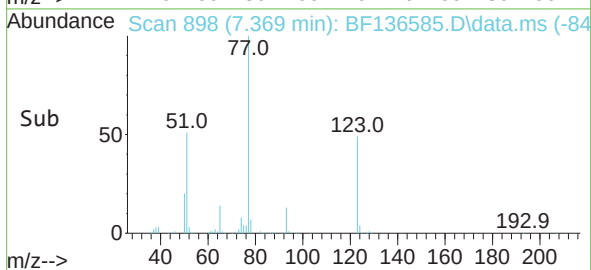
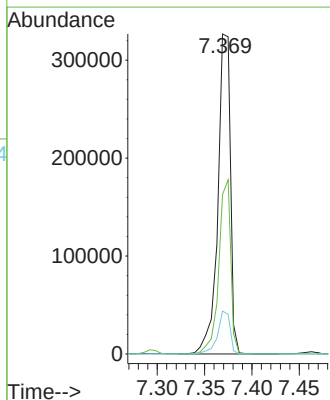
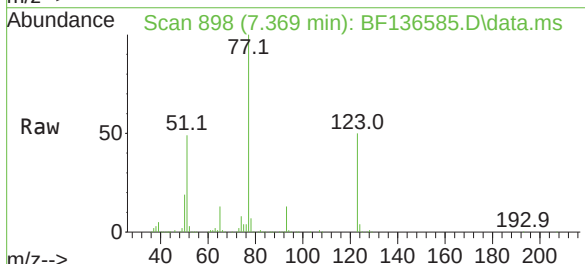
Manual Integrations
APPROVED

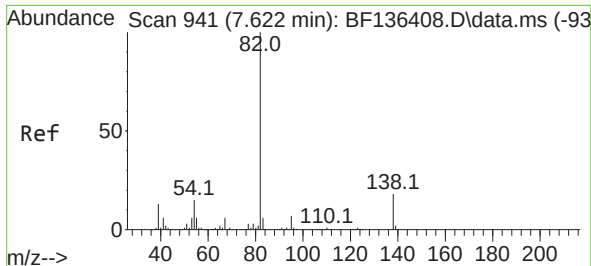
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#24
Nitrobenzene
Concen: 34.103 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Tgt Ion: 77 Resp: 303445
Ion Ratio Lower Upper
77 100
123 49.8 39.0 58.6
65 13.4 11.3 16.9





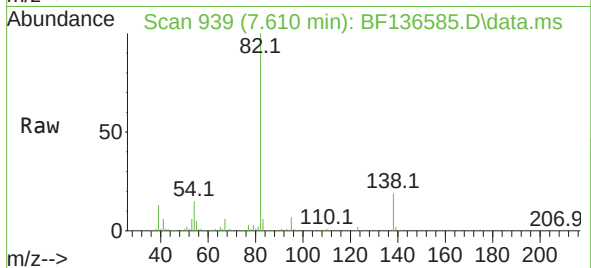
#25
Isophorone
Concen: 35.099 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

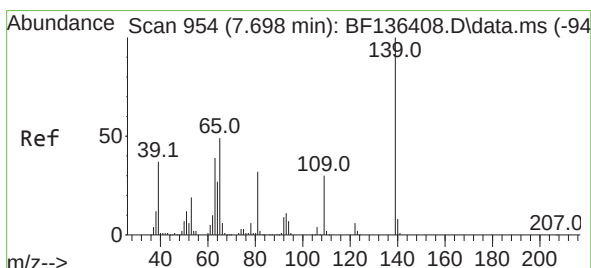
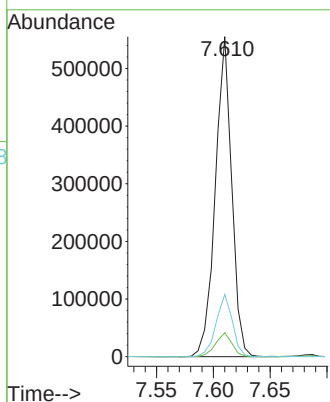
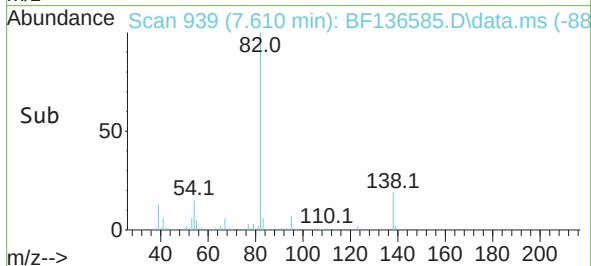


Tgt Ion: 82 Resp: 55775
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 19.5 14.5 21.7

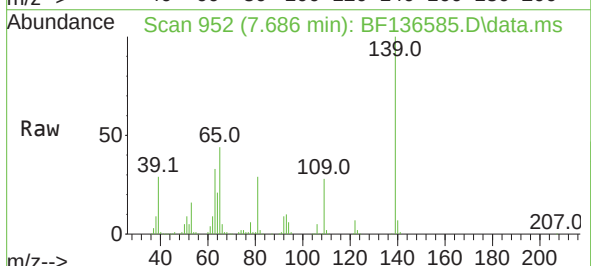
Manual Integrations

APPROVED

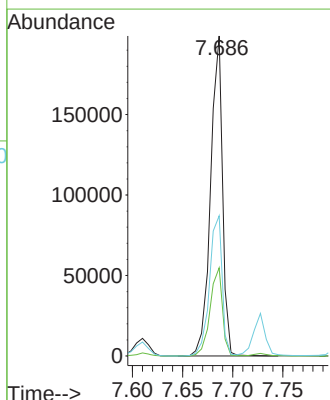
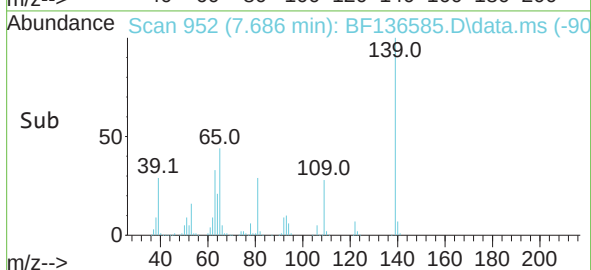
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

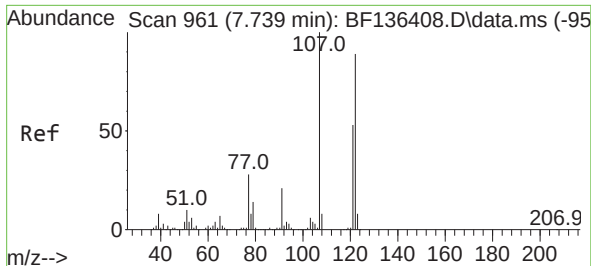


#26
2-Nitrophenol
Concen: 37.744 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



Tgt Ion:139 Resp: 165106
Ion Ratio Lower Upper
139 100
109 27.6 23.6 35.4
65 43.8 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 46.872 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF136585.D

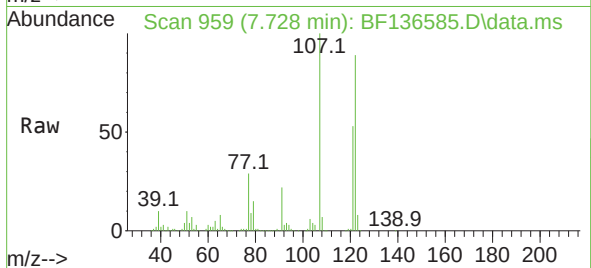
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



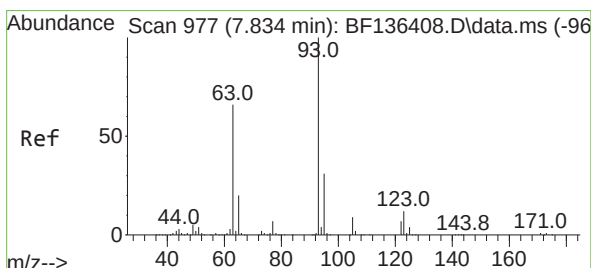
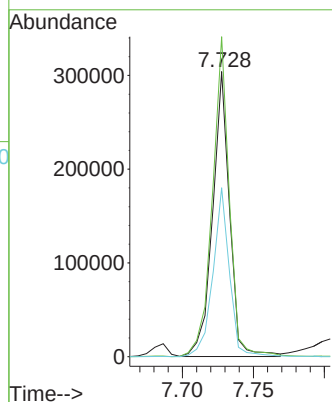
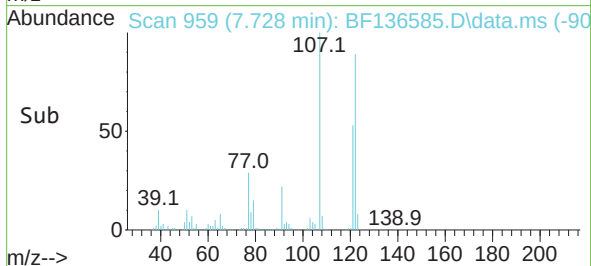
Tgt Ion:	122	Resp:	25282
Ion Ratio	Lower	Upper	
122	100		
107	112.2	89.3	133.9
121	59.3	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 35.703 ng

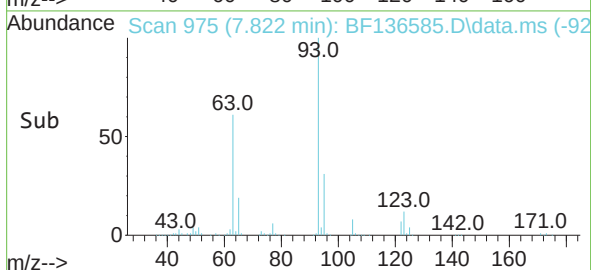
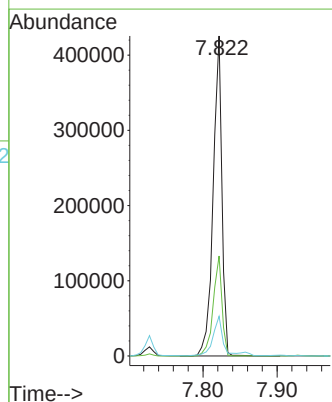
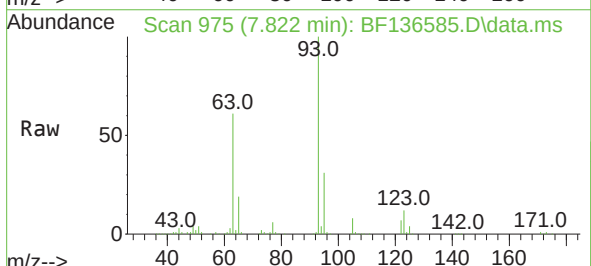
RT: 7.822 min Scan# 975

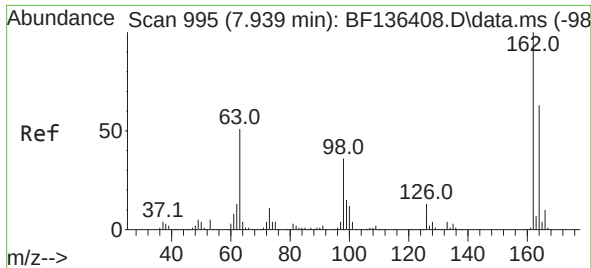
Delta R.T. -0.000 min

Lab File: BF136585.D

Acq: 15 Dec 2023 10:52

Tgt Ion:	93	Resp:	348628
Ion Ratio	Lower	Upper	
93	100		
95	31.2	25.0	37.4
123	12.4	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 36.308 ng

RT: 7.928 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF136585.D

Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

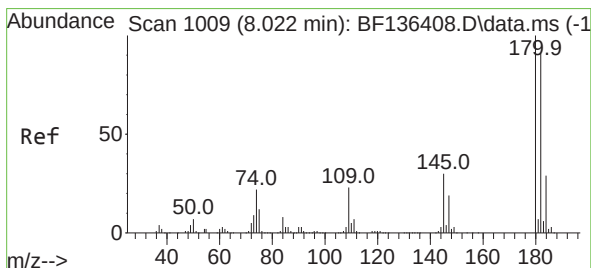
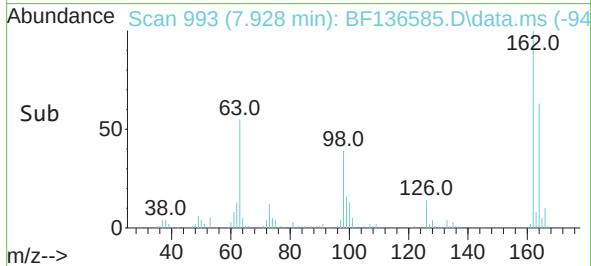
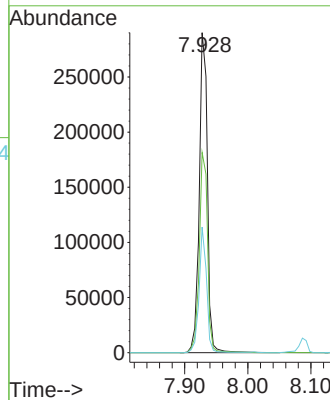
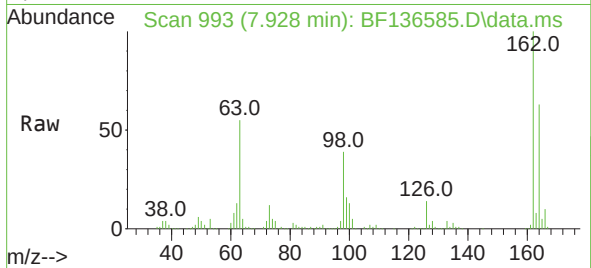
Tgt Ion:162 Resp: 258494
 Ion Ratio Lower Upper
 162 100
 164 62.5 43.0 83.0
 98 39.3 16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 33.777 ng

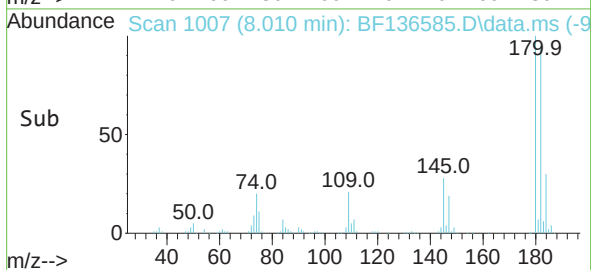
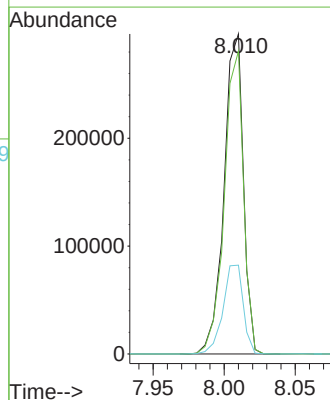
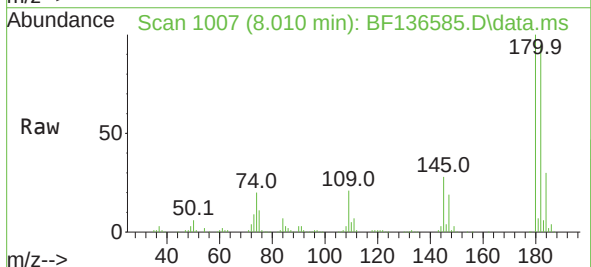
RT: 8.010 min Scan# 1007

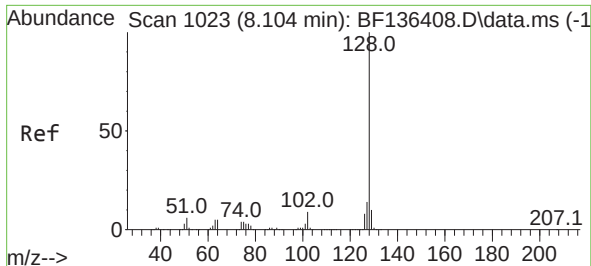
Delta R.T. -0.000 min

Lab File: BF136585.D

Acq: 15 Dec 2023 10:52

Tgt Ion:180 Resp: 280407
 Ion Ratio Lower Upper
 180 100
 182 94.7 73.1 109.7
 145 27.8 23.8 35.8





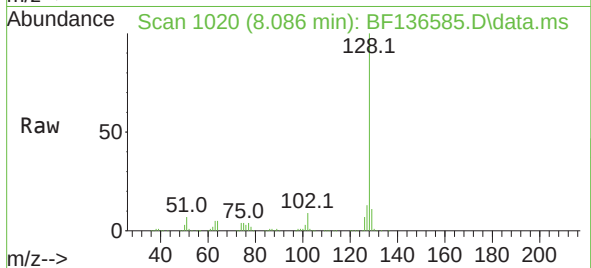
#31
Naphthalene
Concen: 34.598 ng
RT: 8.086 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

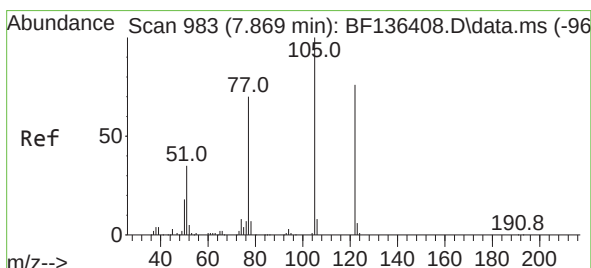
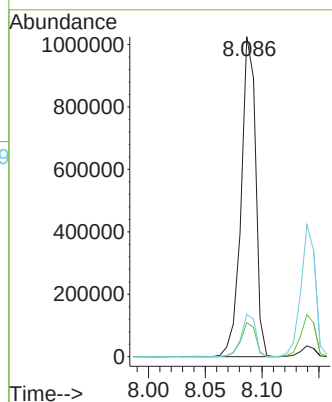
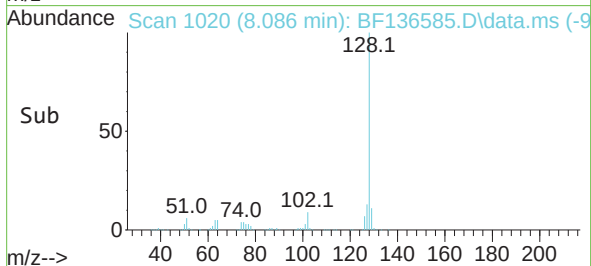


Tgt Ion:128 Resp: 912314
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.3 11.1 16.7

Manual Integrations

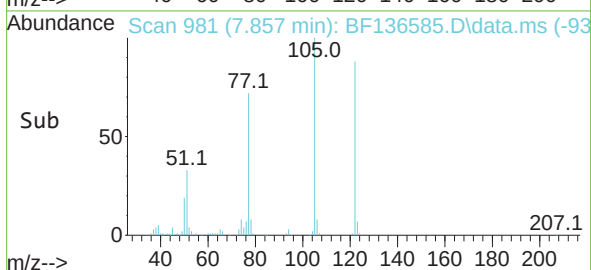
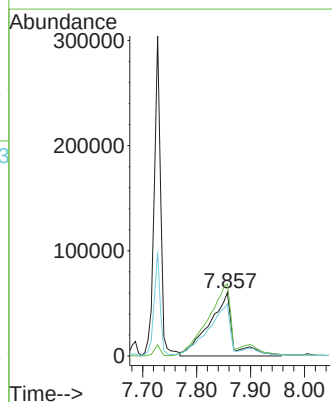
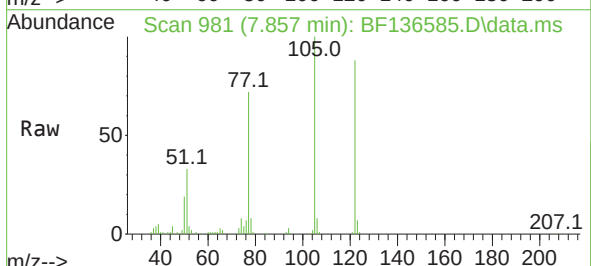
APPROVED

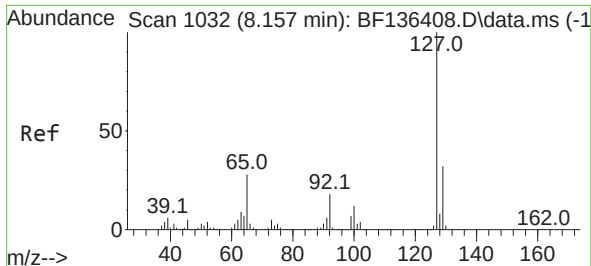
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#32
Benzoic acid
Concen: 34.643 ng m
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Tgt Ion:122 Resp: 185367
Ion Ratio Lower Upper
122 100
105 113.8 104.7 144.7
77 81.9 68.5 108.5





#33
4-Chloroaniline
Concen: 40.402 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

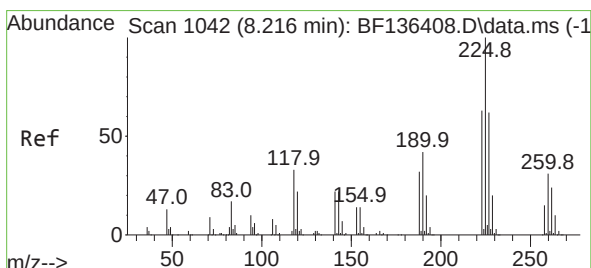
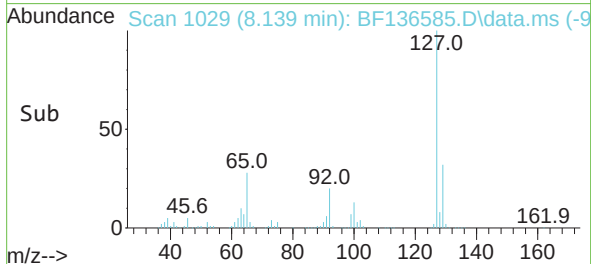
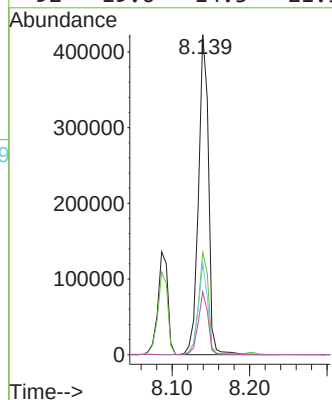
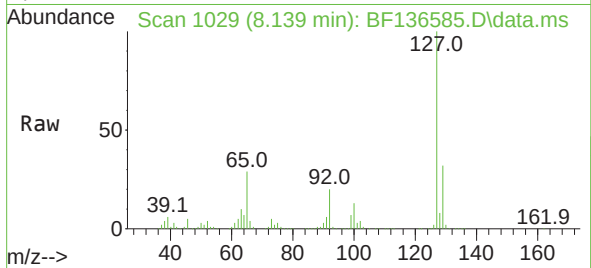
SSTDCCC040

Tgt Ion:127 Resp: 37981
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 28.6 22.5 33.7
92 19.6 14.3 21.5

Manual Integrations

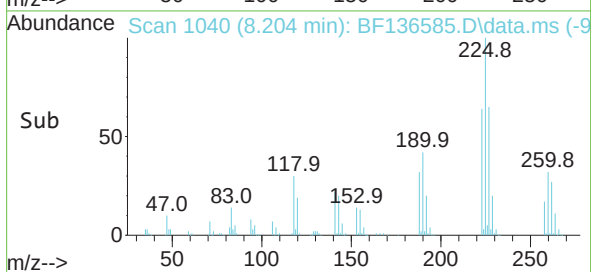
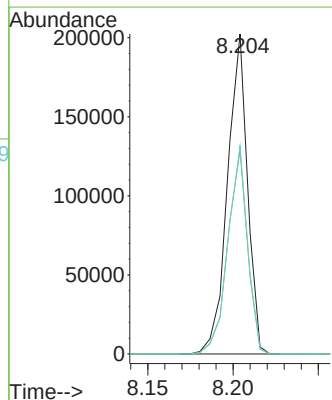
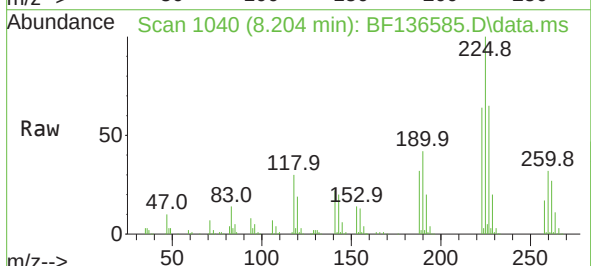
APPROVED

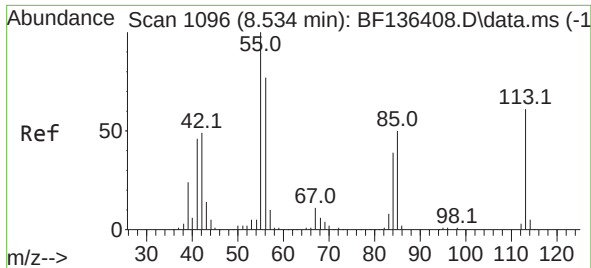
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#34
Hexachlorobutadiene
Concen: 33.453 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Tgt Ion:225 Resp: 164589
Ion Ratio Lower Upper
225 100
223 63.7 50.8 76.2
227 65.1 49.8 74.8





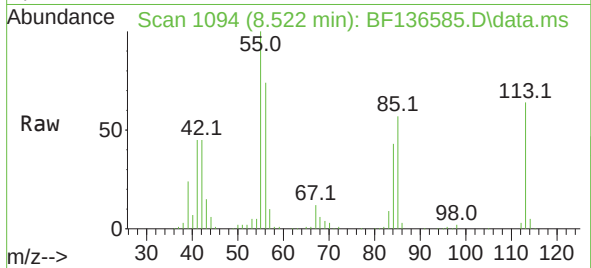
#35
Caprolactam
Concen: 36.361 ng
RT: 8.522 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

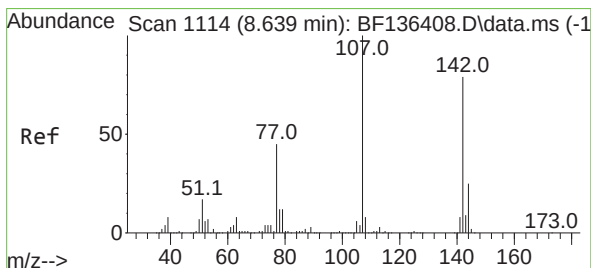
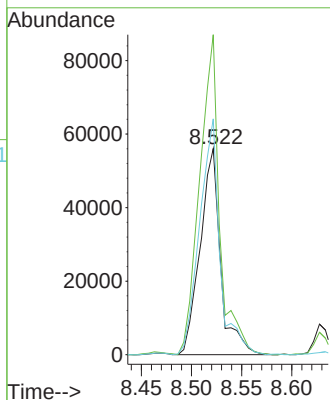
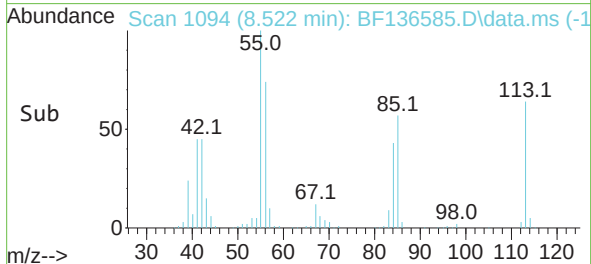


Tgt Ion:113 Resp: 7972
Ion Ratio Lower Upper
113 100
55 155.2 143.7 183.7
56 114.4 105.2 145.2

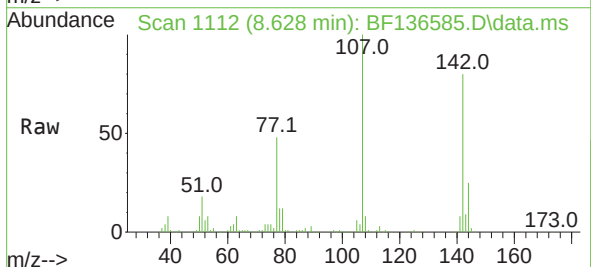
Manual Integrations

APPROVED

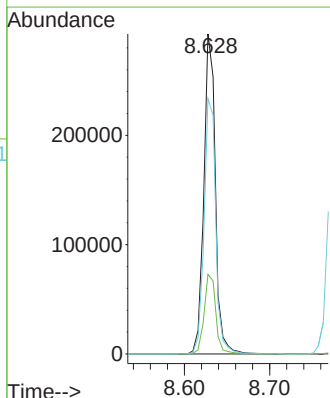
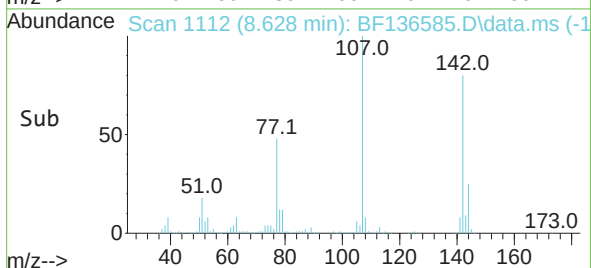
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

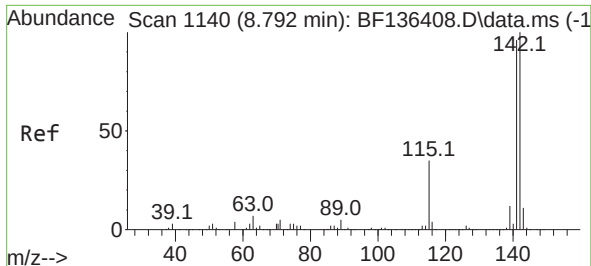


#36
4-Chloro-3-methylphenol
Concen: 36.296 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



Tgt Ion:107 Resp: 274379
Ion Ratio Lower Upper
107 100
144 24.8 20.1 30.1
142 79.8 63.1 94.7





#37

2-Methylnaphthalene

Concen: 36.878 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF136585.D

Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 61865

Ion Ratio Lower Upper

142 100

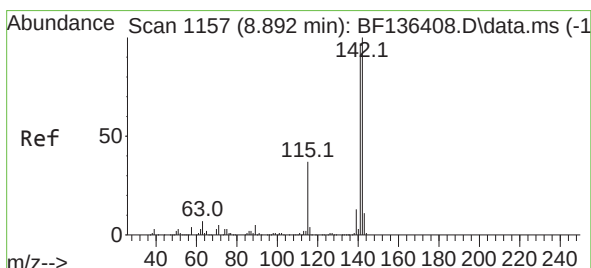
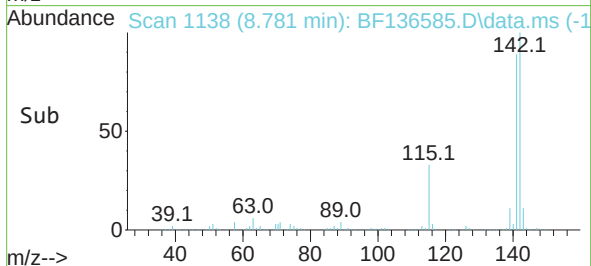
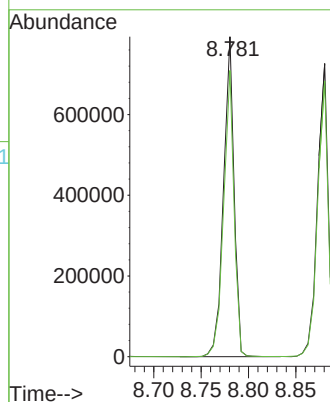
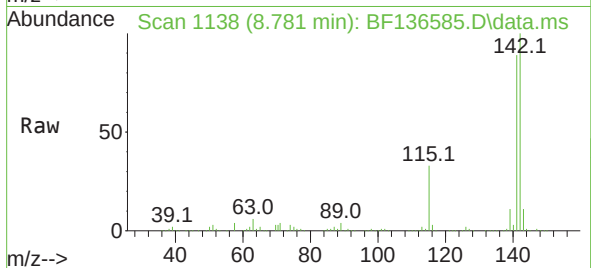
141 89.4 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#38

1-Methylnaphthalene

Concen: 34.754 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF136585.D

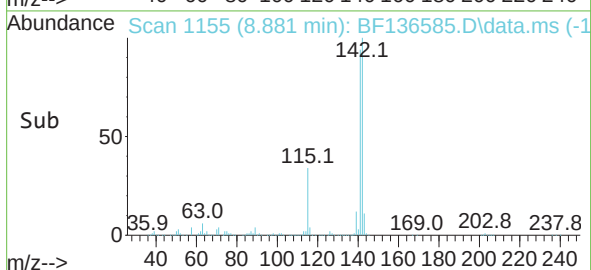
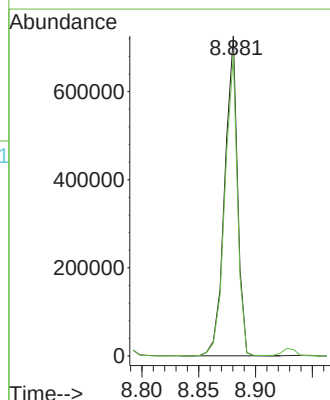
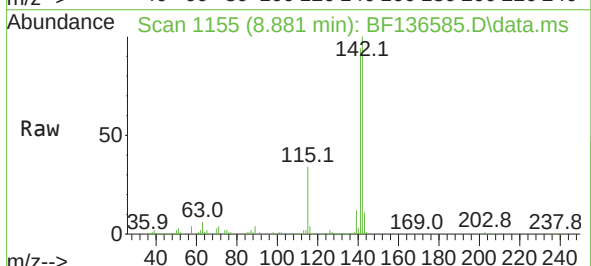
Acq: 15 Dec 2023 10:52

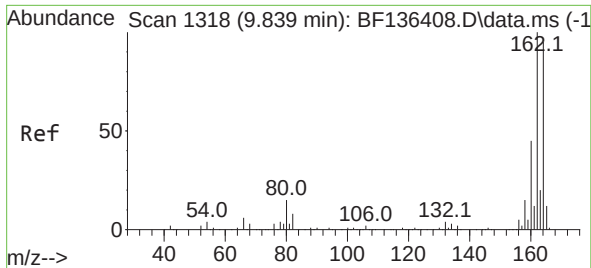
Tgt Ion:142 Resp: 572107

Ion Ratio Lower Upper

142 100

141 94.0 77.7 116.5





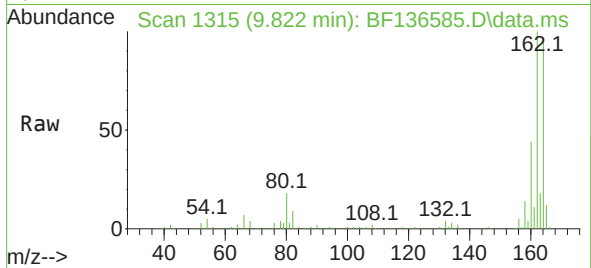
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



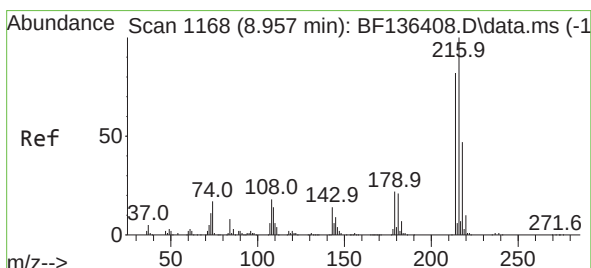
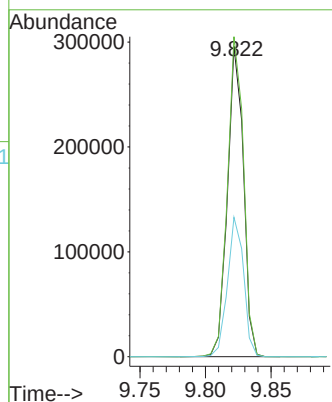
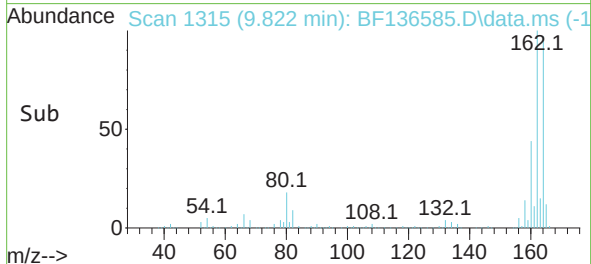
Tgt Ion:164 Resp: 250859
Ion Ratio Lower Upper
164 100
162 103.1 84.4 126.6
160 44.9 37.6 56.4

Manual Integrations

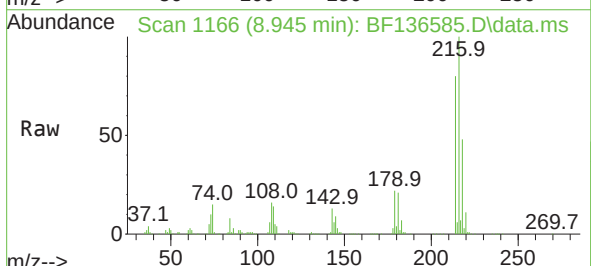
APPROVED

Reviewed By :Yogesh Patel 12/16/2023

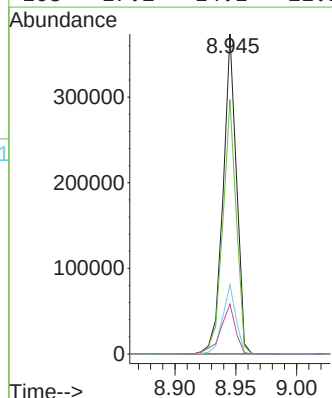
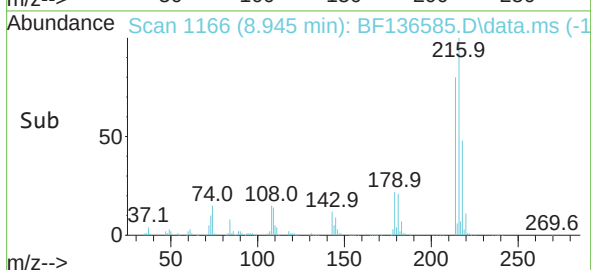
Supervised By :mohammad ahmed 12/16/2023

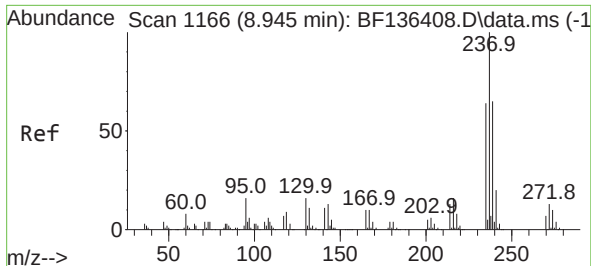


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.741 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



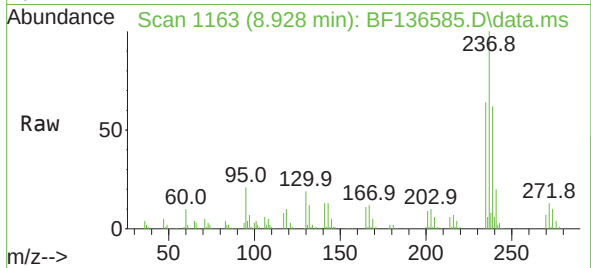
Tgt Ion:216 Resp: 286747
Ion Ratio Lower Upper
216 100
214 79.8 64.1 96.1
179 21.5 17.0 25.6
108 17.2 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 39.956 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

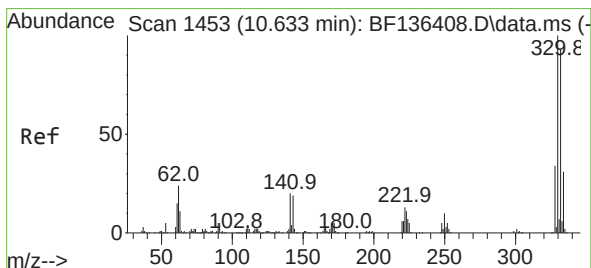
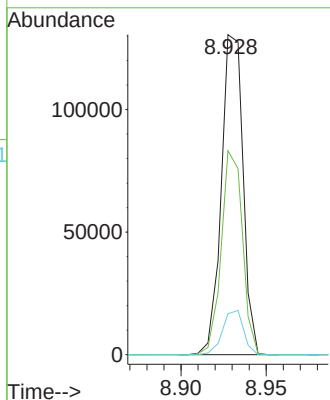
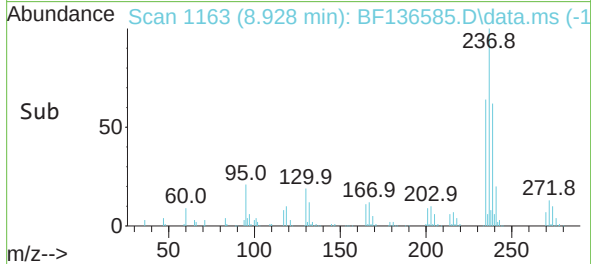
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



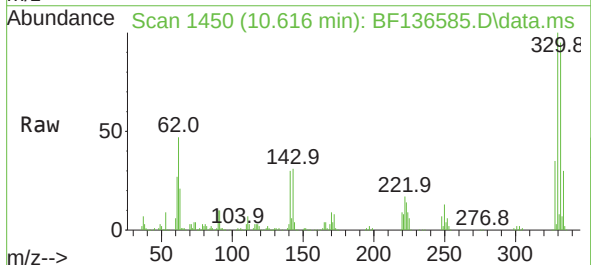
Tgt Ion:237 Resp: 115528
Ion Ratio Lower Upper
237 100
235 63.7 44.1 84.1
272 12.7 0.0 33.3

Manual Integrations
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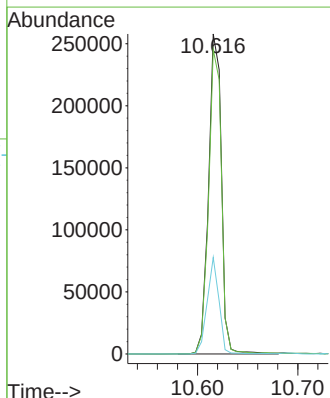
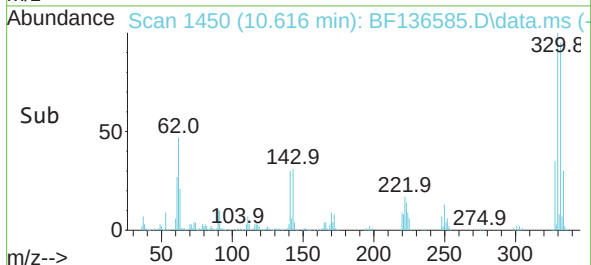
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

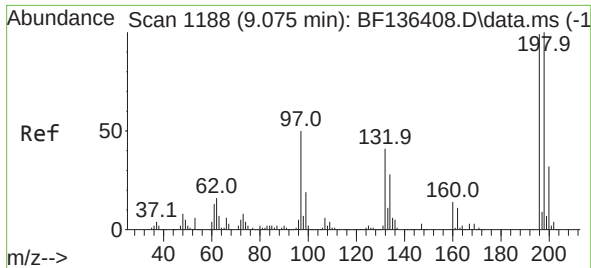


#42
2,4,6-Tribromophenol
Concen: 74.330 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



Tgt Ion:330 Resp: 229912
Ion Ratio Lower Upper
330 100
332 95.2 76.4 114.6
141 27.7 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 35.543 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

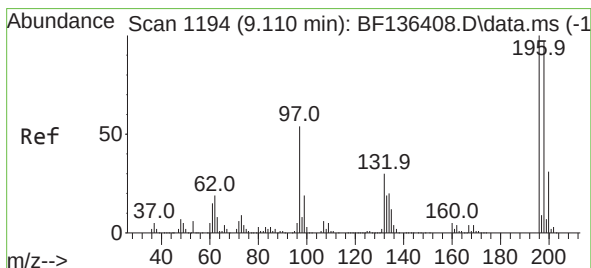
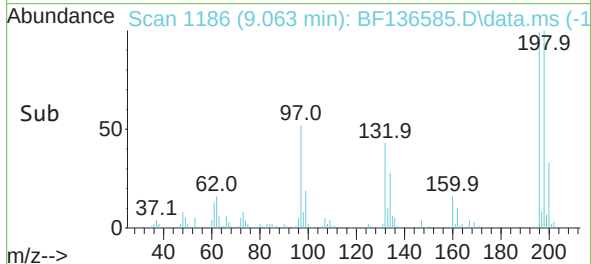
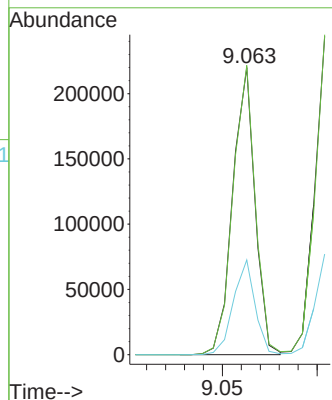
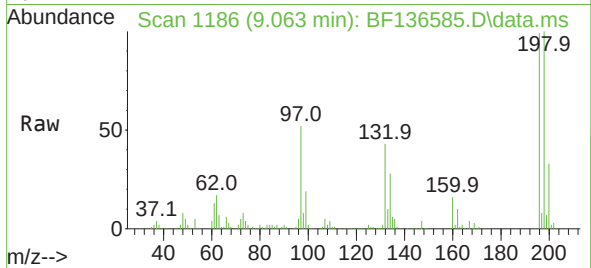
SSTDCCC040

Tgt Ion:196 Resp: 18062
Ion Ratio Lower Upper
196 100
198 100.7 80.4 120.6
200 33.0 25.9 38.9

Manual Integrations

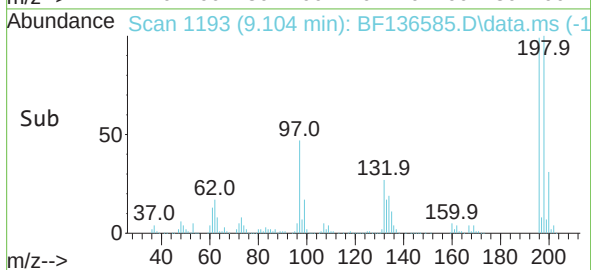
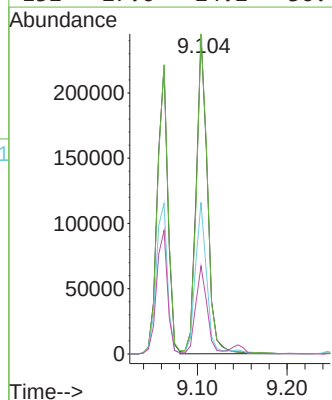
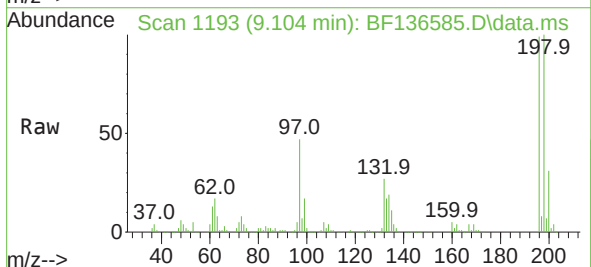
APPROVED

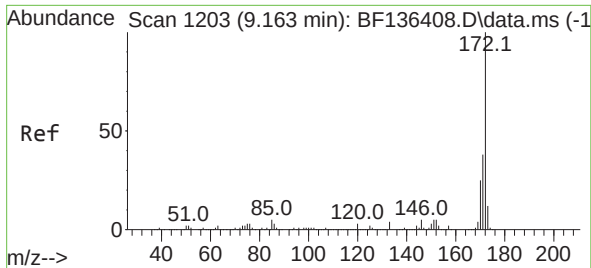
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#44
2,4,5-Trichlorophenol
Concen: 37.477 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Tgt Ion:196 Resp: 212562
Ion Ratio Lower Upper
196 100
198 100.5 78.1 117.1
97 47.6 43.4 65.2
132 27.6 24.2 36.4





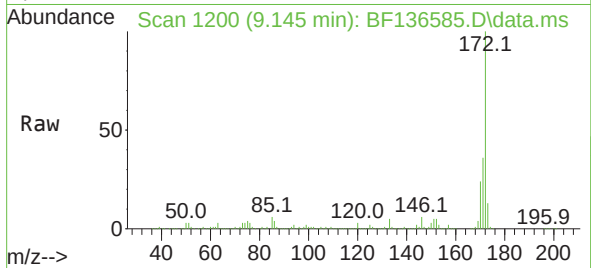
#45
2-Fluorobiphenyl
Concen: 73.955 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

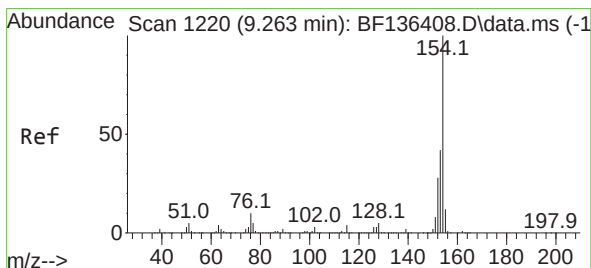
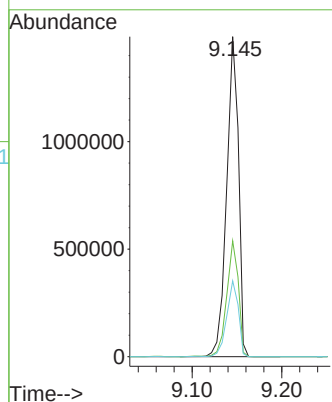


Tgt Ion:172 Resp: 1359639
Ion Ratio Lower Upper
172 100
171 36.2 30.5 45.7
170 23.7 19.9 29.9

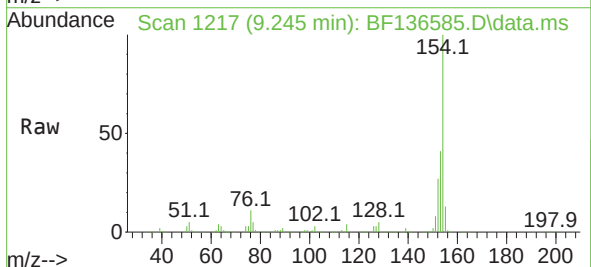
Manual Integrations

APPROVED

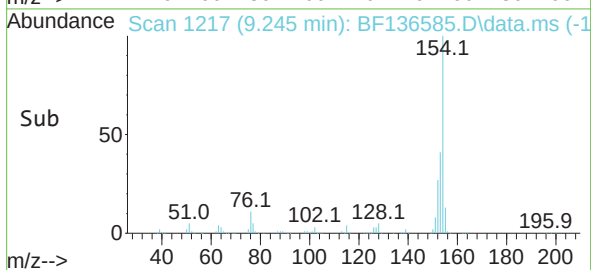
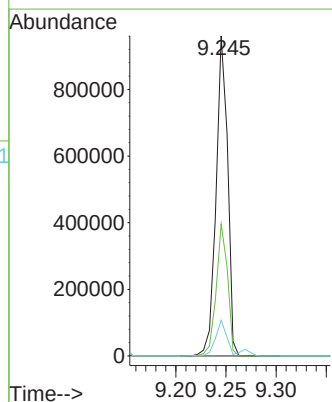
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

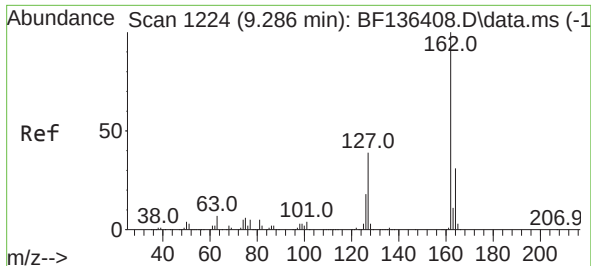


#46
1,1'-Biphenyl
Concen: 36.055 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



Tgt Ion:154 Resp: 769605
Ion Ratio Lower Upper
154 100
153 41.2 22.5 62.5
76 11.2 0.0 29.9





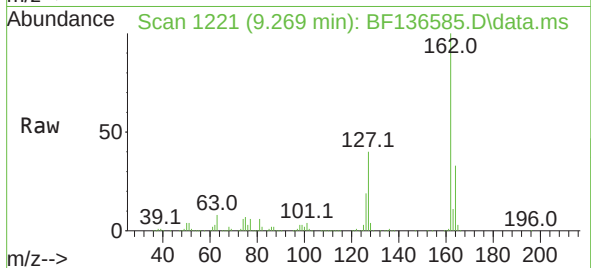
#47
2-Chloronaphthalene
Concen: 33.767 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



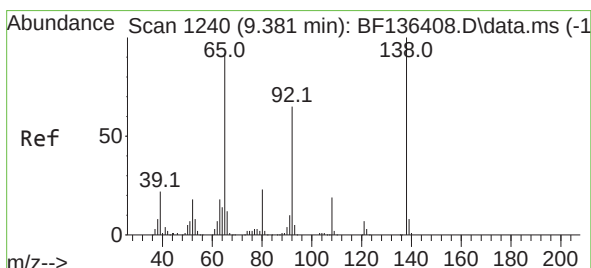
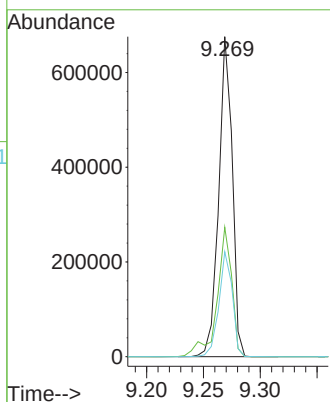
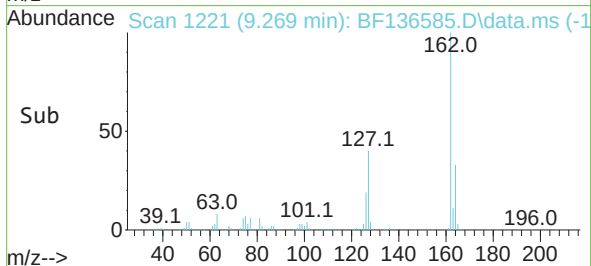
Tgt Ion:162 Resp: 56099
Ion Ratio Lower Upper
162 100
127 40.4 31.1 46.7
164 32.8 24.6 37.0

Manual Integrations

APPROVED

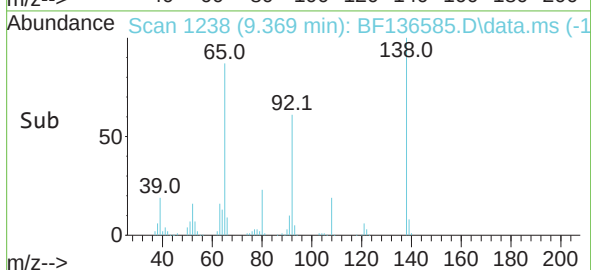
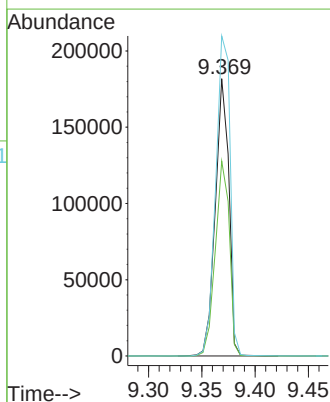
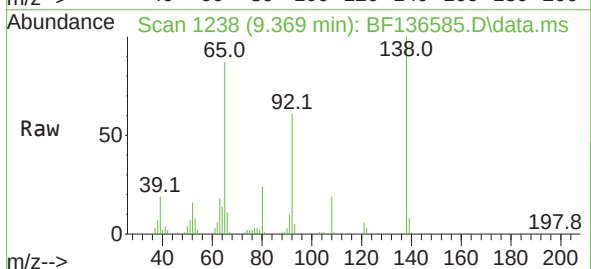
Reviewed By :Yogesh Patel 12/16/2023

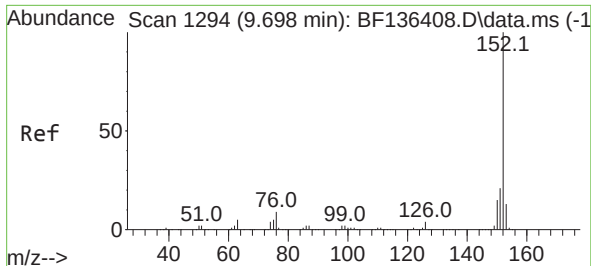
Supervised By :mohammad ahmed 12/16/2023



#48
2-Nitroaniline
Concen: 36.004 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Tgt Ion: 65 Resp: 160430
Ion Ratio Lower Upper
65 100
92 70.3 56.1 84.1
138 115.4 86.7 130.1





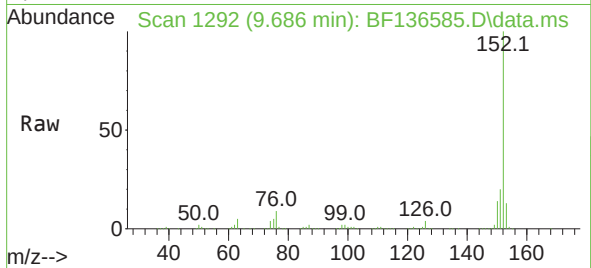
#49
Acenaphthylene
Concen: 36.764 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

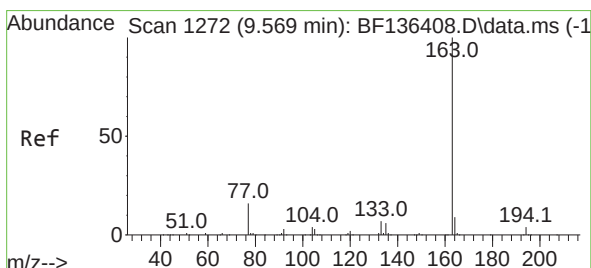
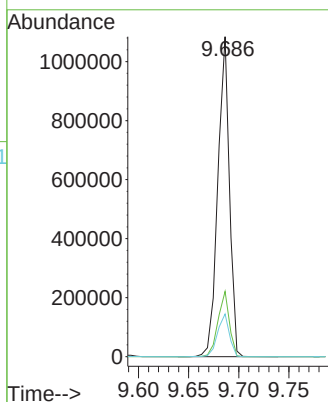
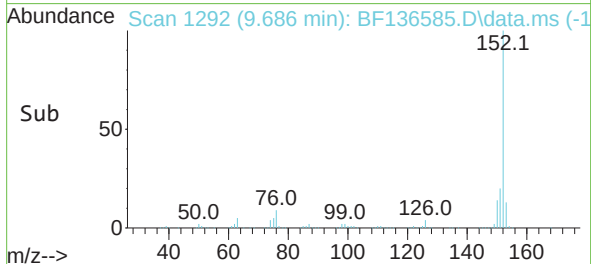


Tgt Ion:152 Resp: 87008
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 13.3 10.6 15.8

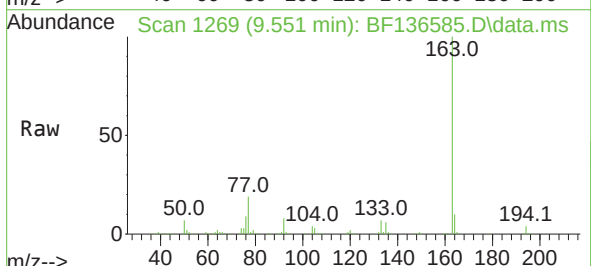
Manual Integrations

APPROVED

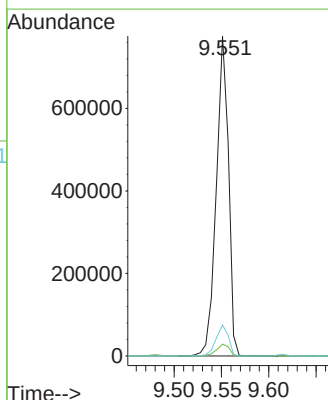
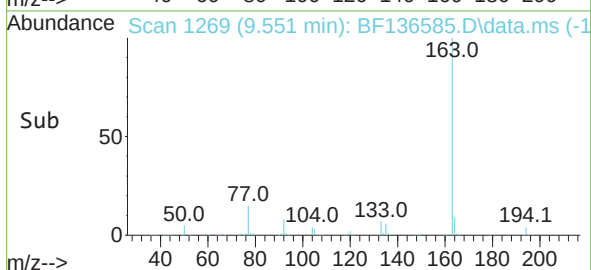
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

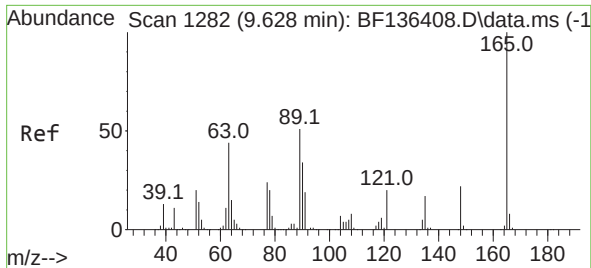


#50
Dimethylphthalate
Concen: 37.540 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



Tgt Ion:163 Resp: 693335
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.7 7.4 11.2





#51
2,6-Dinitrotoluene
Concen: 37.099 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

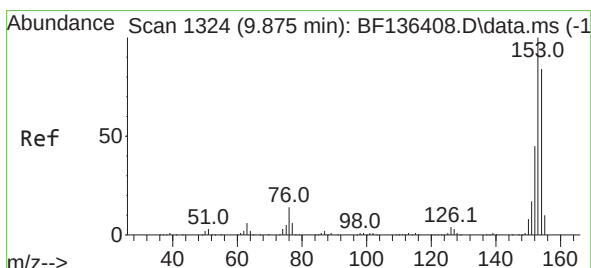
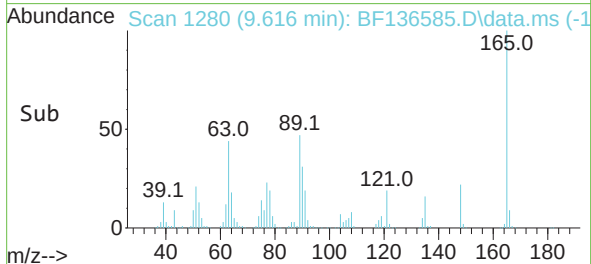
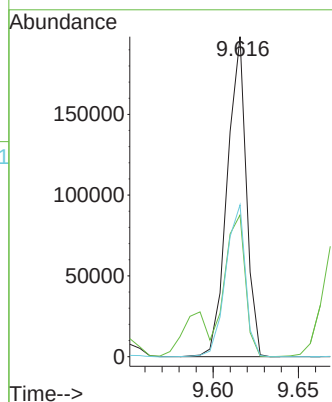
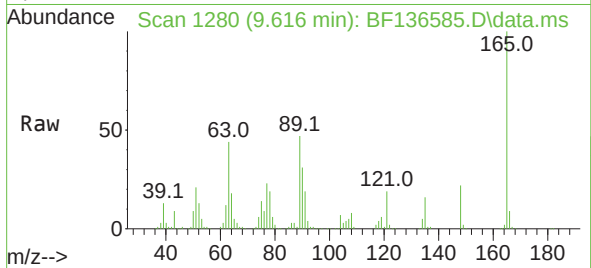
SSTDCCC040

Tgt Ion:165 Resp: 15414
Ion Ratio Lower Upper
165 100
63 44.3 40.4 60.6
89 47.5 40.6 60.8

Manual Integrations

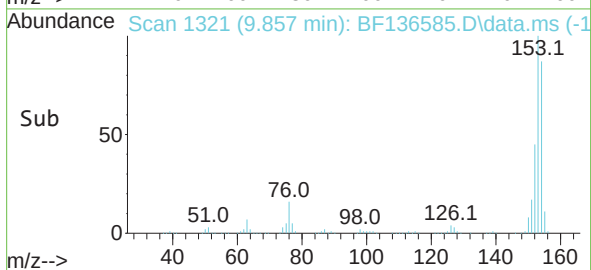
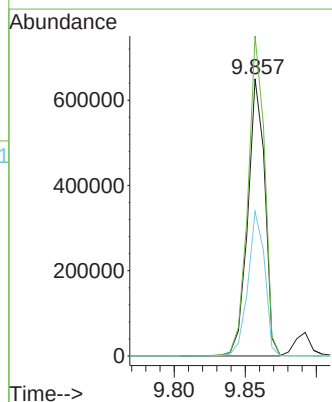
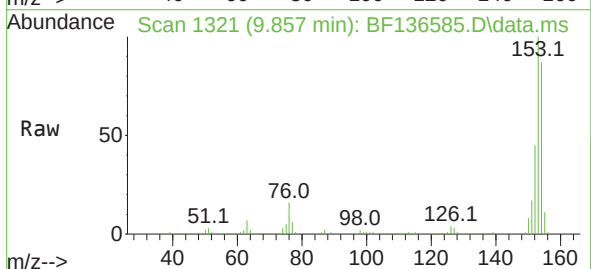
APPROVED

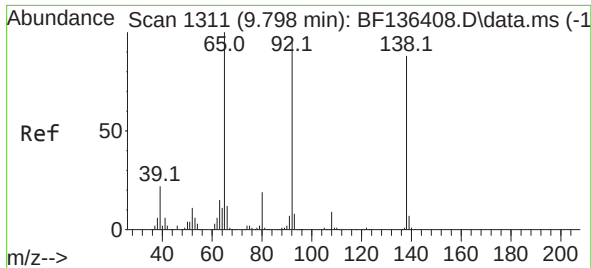
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#52
Acenaphthene
Concen: 35.653 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Tgt Ion:154 Resp: 540703
Ion Ratio Lower Upper
154 100
153 115.5 95.3 142.9
152 52.2 43.2 64.8





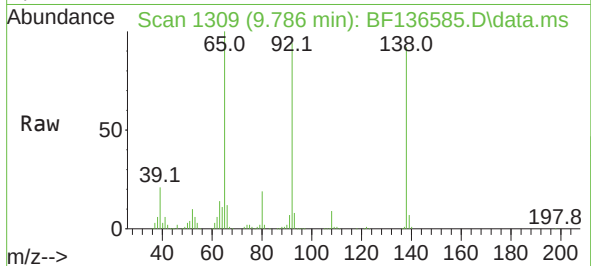
#53
3-Nitroaniline
Concen: 36.769 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



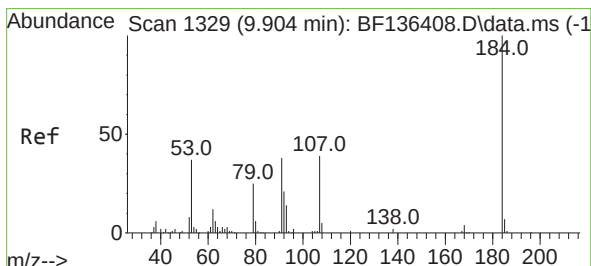
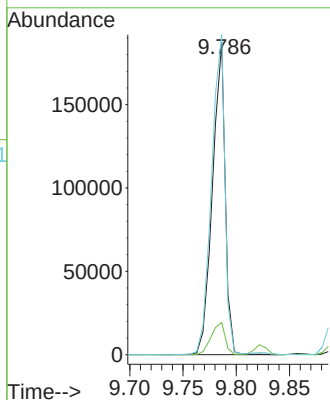
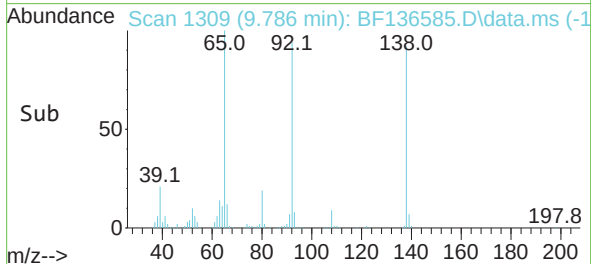
Tgt Ion:138 Resp: 156009
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 102.7 86.1 129.1

Manual Integrations

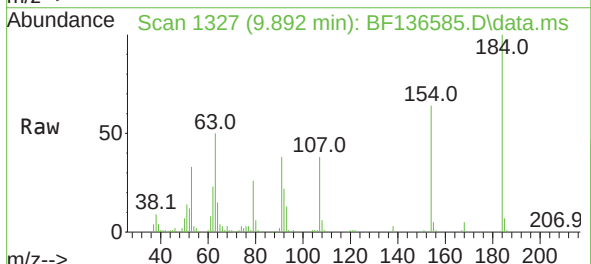
APPROVED

Reviewed By :Yogesh Patel 12/16/2023

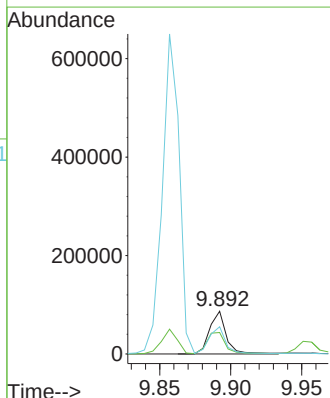
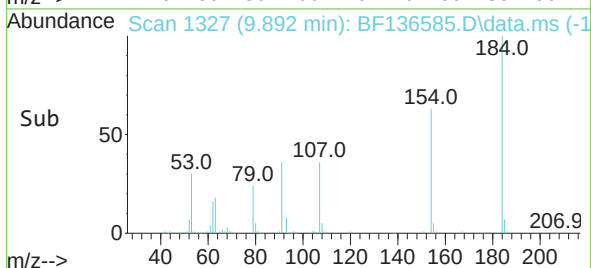
Supervised By :mohammad ahmed 12/16/2023

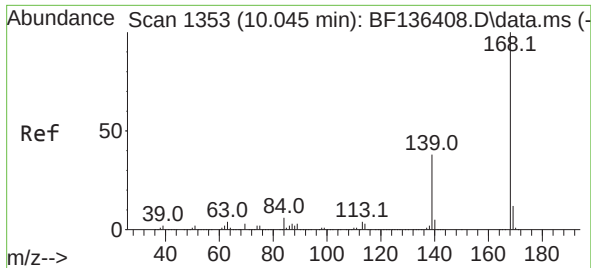


#54
2,4-Dinitrophenol
Concen: 33.644 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



Tgt Ion:184 Resp: 70678
Ion Ratio Lower Upper
184 100
63 50.0 39.1 58.7
154 63.7 49.9 74.9





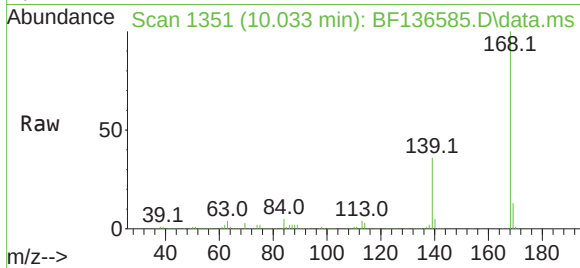
#55
Dibenzenofuran
Concen: 36.498 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



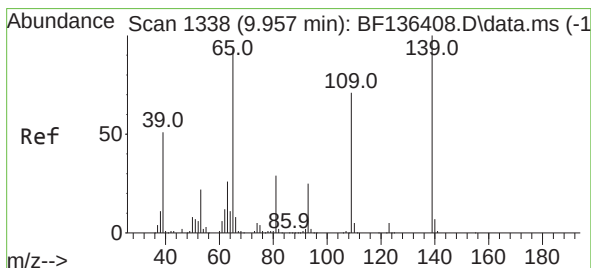
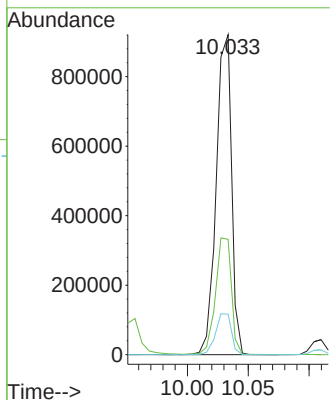
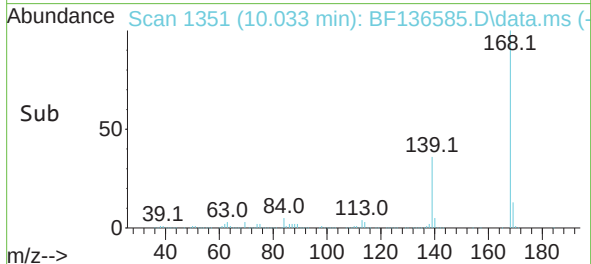
Tgt Ion:168 Resp: 808629
Ion Ratio Lower Upper
168 100
139 36.1 30.4 45.6
169 12.6 9.9 14.9

Manual Integrations

APPROVED

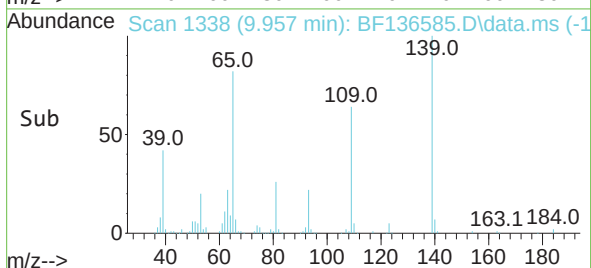
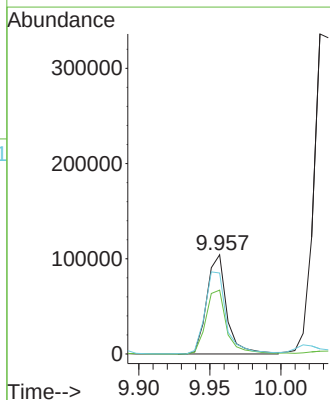
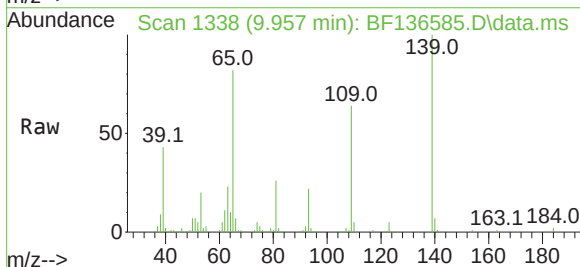
Reviewed By :Yogesh Patel 12/16/2023

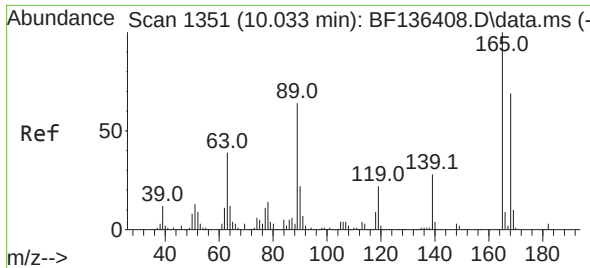
Supervised By :mohammad ahmed 12/16/2023



#56
4-Nitrophenol
Concen: 32.036 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Tgt Ion:139 Resp: 101898
Ion Ratio Lower Upper
139 100
109 64.4 50.6 90.6
65 81.6 73.1 113.1





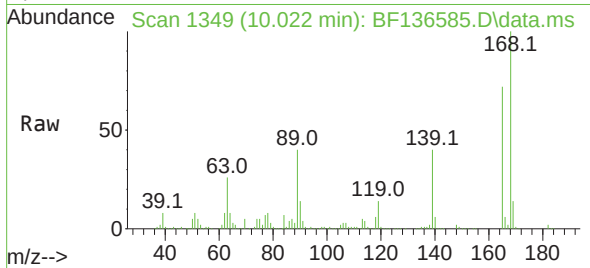
#57
2,4-Dinitrotoluene
Concen: 36.257 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



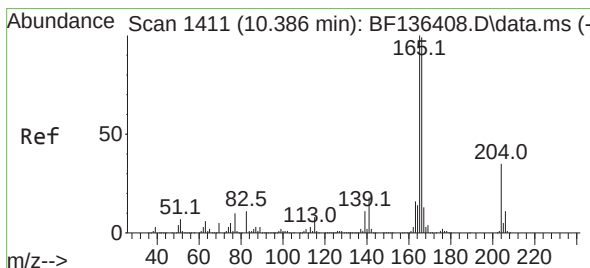
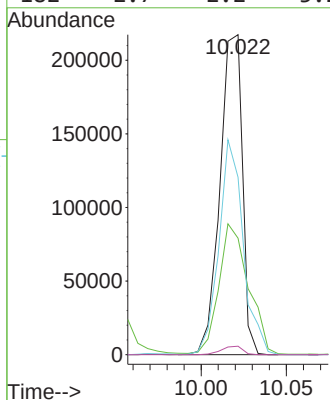
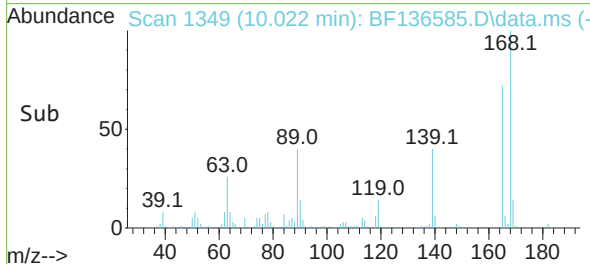
Tgt Ion:165 Resp: 19929
Ion Ratio Lower Upper
165 100
63 36.4 31.4 47.2
89 55.5 51.7 77.5
182 2.7 2.2 3.2

Manual Integrations

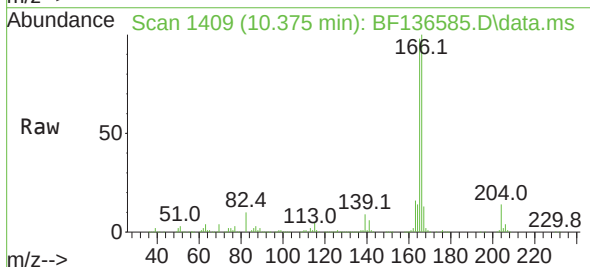
APPROVED

Reviewed By :Yogesh Patel 12/16/2023

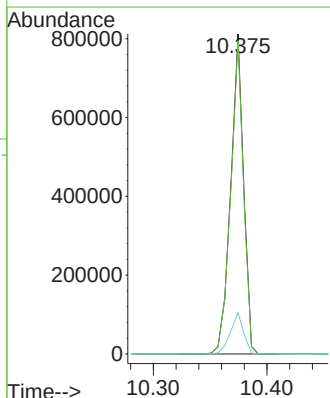
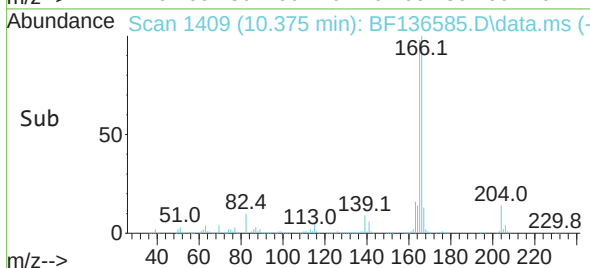
Supervised By :mohammad ahmed 12/16/2023

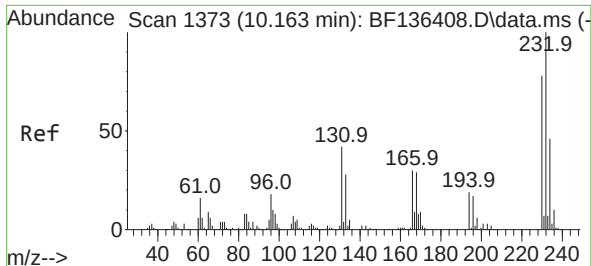


#58
Fluorene
Concen: 35.870 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



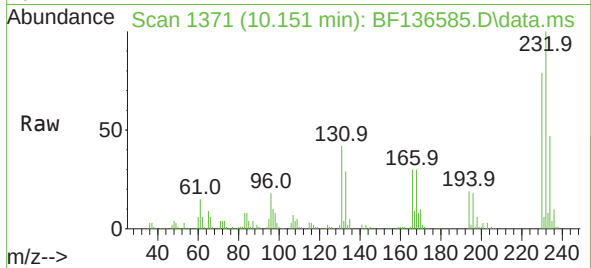
Tgt Ion:166 Resp: 637944
Ion Ratio Lower Upper
166 100
165 97.9 80.5 120.7
167 12.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.769 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

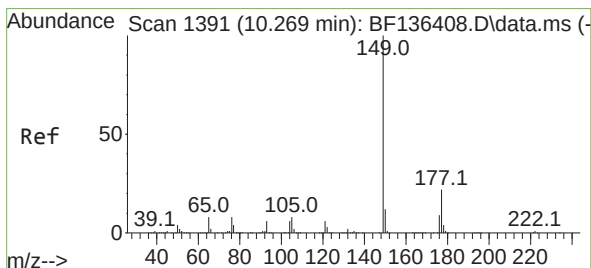
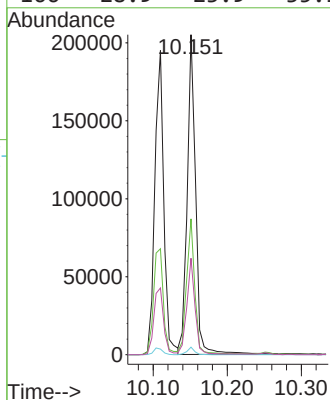
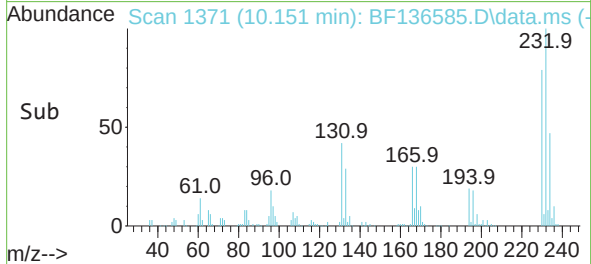
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



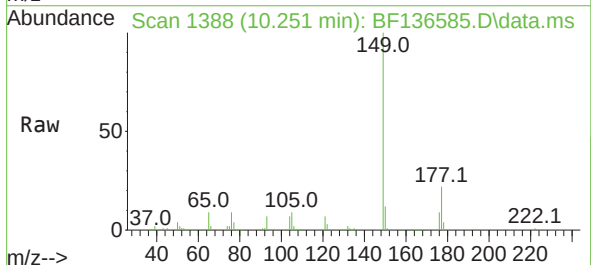
Tgt Ion:232 Resp: 16250
Ion Ratio Lower Upper
232 100
131 41.8 34.3 51.5
130 2.0 1.6 2.4
166 28.9 23.9 35.9

Manual Integrations
APPROVED

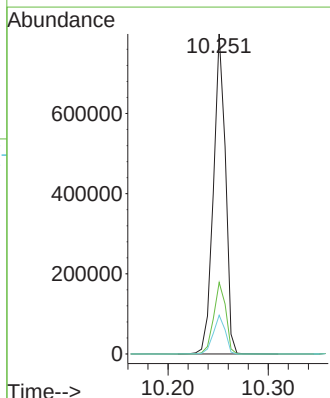
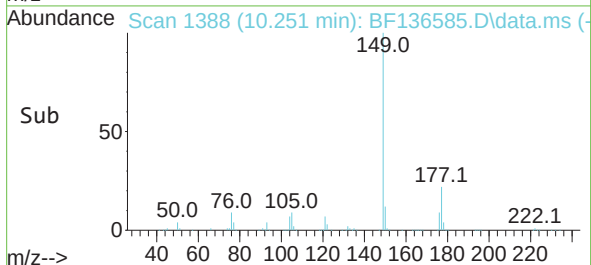
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

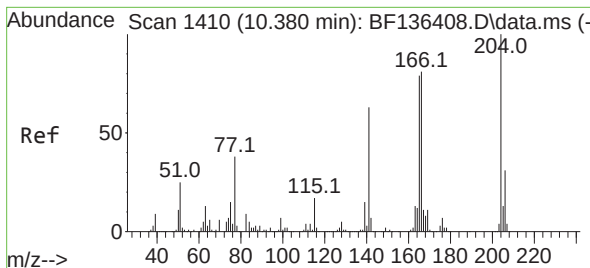


#60
Diethylphthalate
Concen: 36.506 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



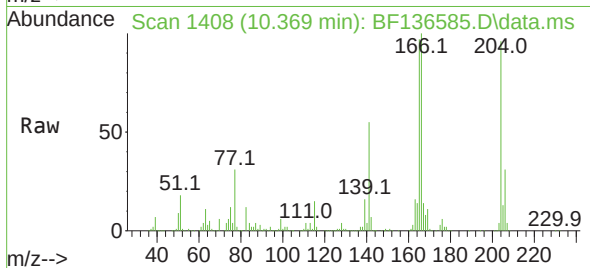
Tgt Ion:149 Resp: 662989
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.1 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 37.442 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

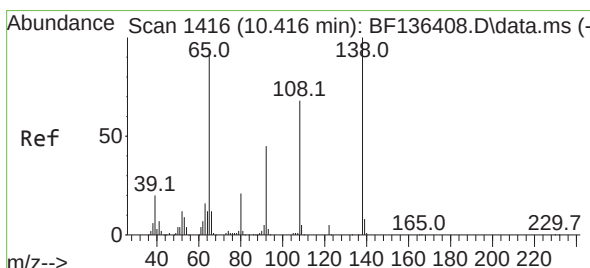
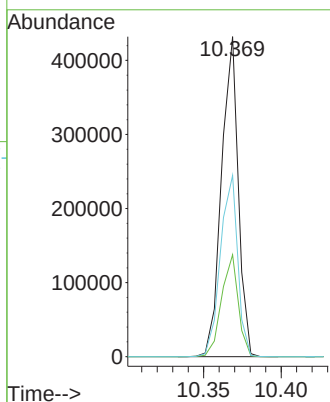
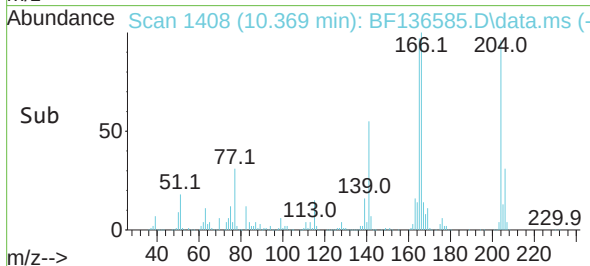
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



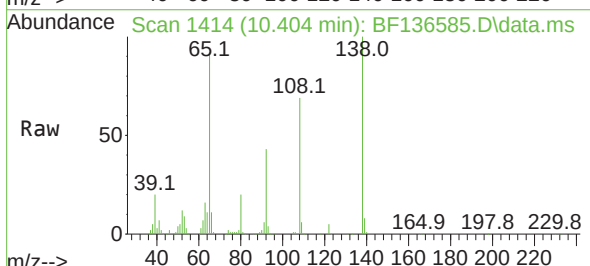
Tgt Ion:204 Resp: 32462
Ion Ratio Lower Upper
204 100
206 31.8 24.6 36.8
141 56.7 50.3 75.5

Manual Integrations
APPROVED

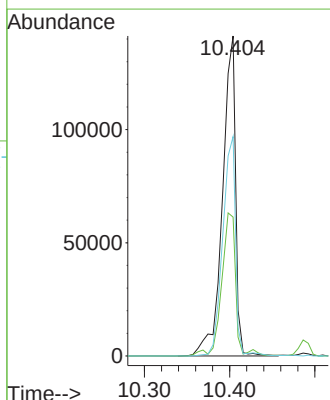
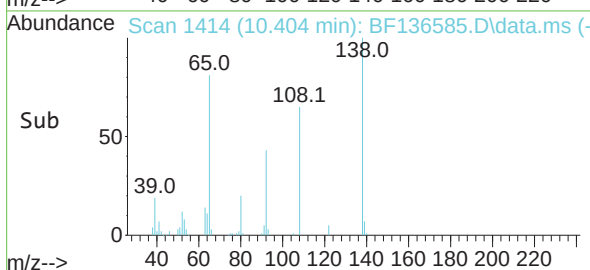
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

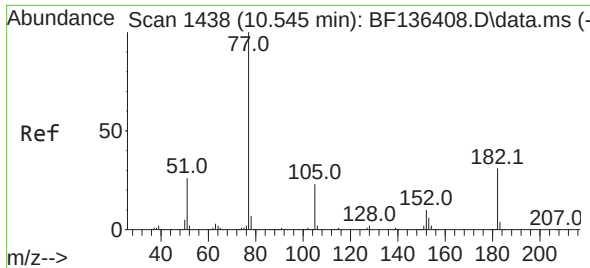


#62
4-Nitroaniline
Concen: 35.910 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



Tgt Ion:138 Resp: 151290
Ion Ratio Lower Upper
138 100
92 43.4 25.0 65.0
108 68.6 47.9 87.9





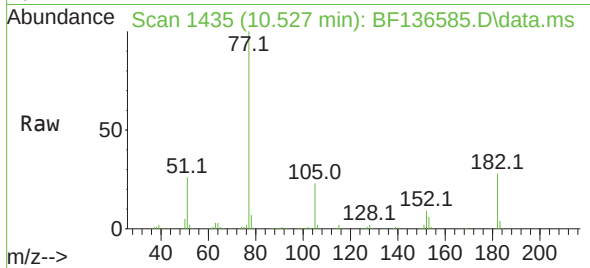
#63
Azobenzene
Concen: 35.073 ng
RT: 10.527 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



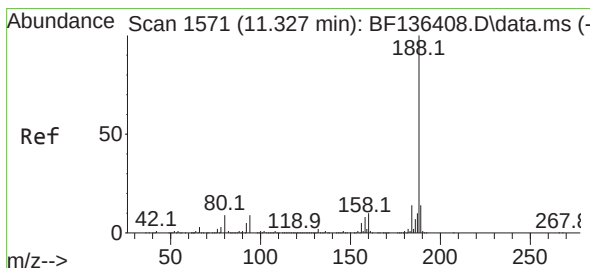
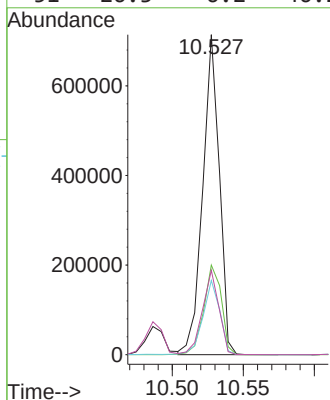
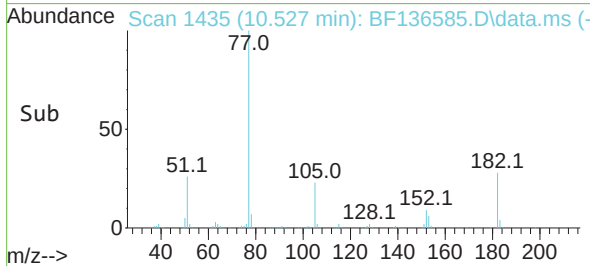
Tgt Ion: 77 Resp: 579779
Ion Ratio Lower Upper
77 100
182 28.0 10.8 50.8
105 23.2 2.6 42.6
51 26.3 6.2 46.2

Manual Integrations

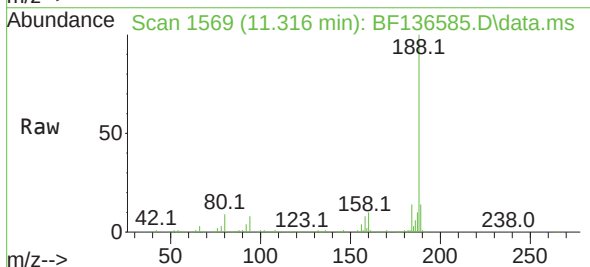
APPROVED

Reviewed By :Yogesh Patel 12/16/2023

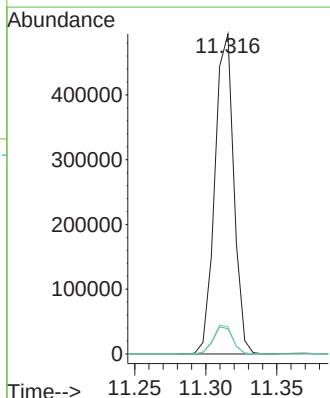
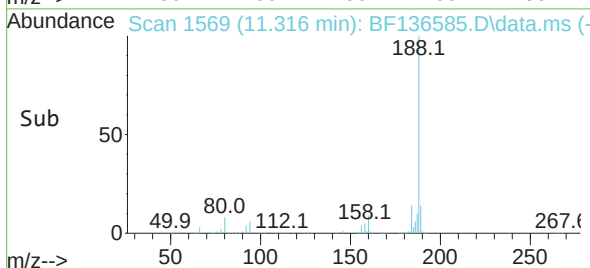
Supervised By :mohammad ahmed 12/16/2023

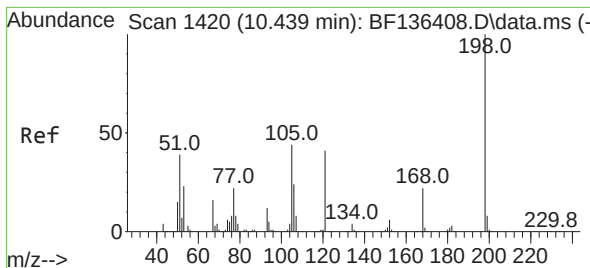


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



Tgt Ion:188 Resp: 458984
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.6 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 38.157 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

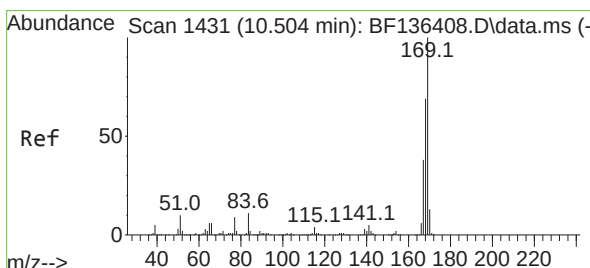
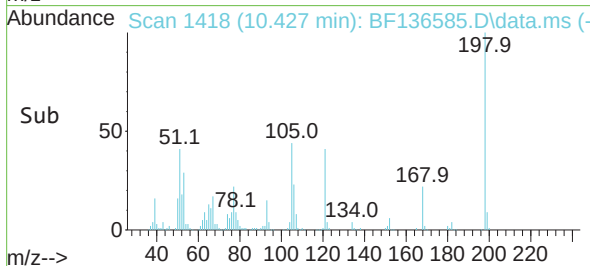
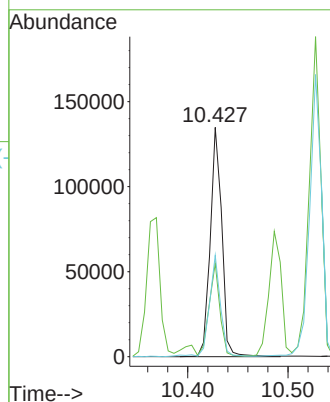
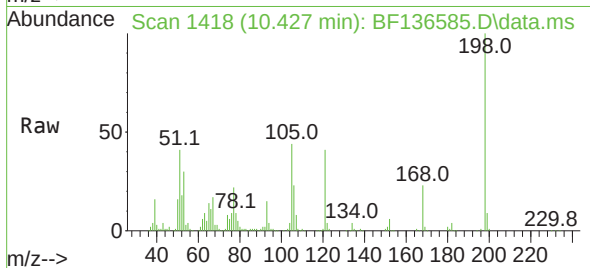
SSTDCCC040

Tgt Ion:198 Resp: 108464
Ion Ratio Lower Upper
198 100
51 40.7 24.1 64.1
105 44.2 24.8 64.8

Manual Integrations

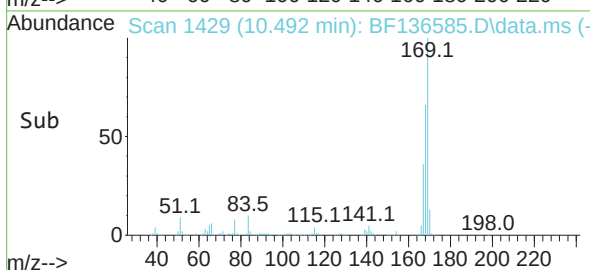
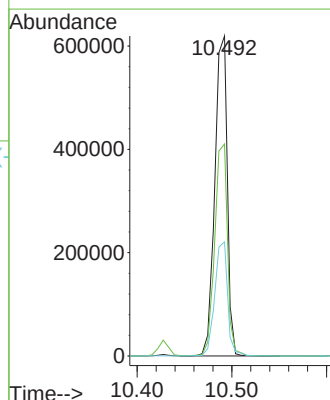
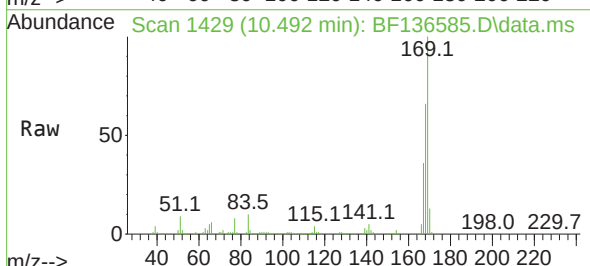
APPROVED

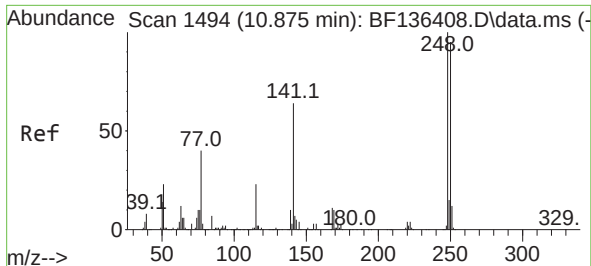
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#66
n-Nitrosodiphenylamine
Concen: 38.340 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Tgt Ion:169 Resp: 564670
Ion Ratio Lower Upper
169 100
168 66.2 55.3 82.9
167 35.6 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 38.458 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

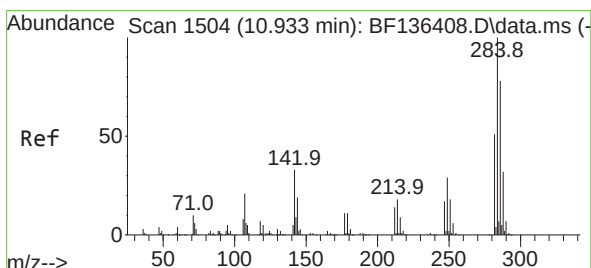
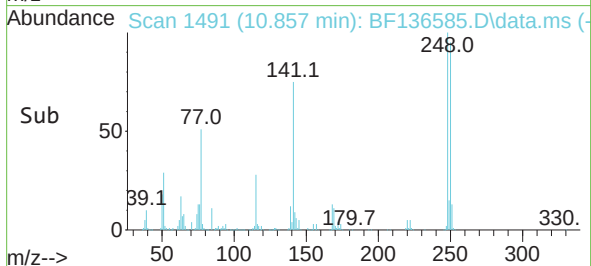
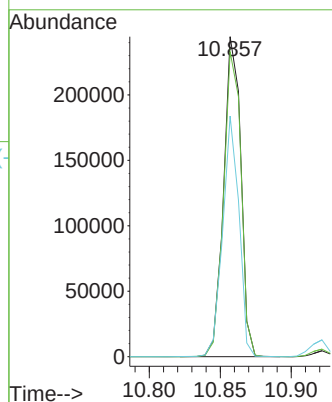
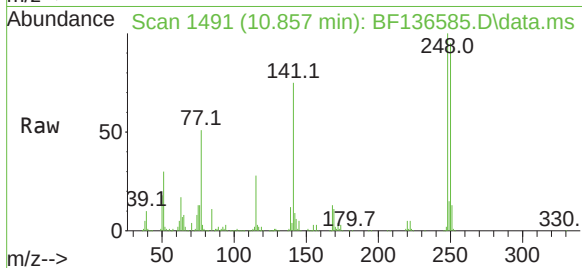
SSTDCCC040

Tgt Ion:248 Resp: 205228
Ion Ratio Lower Upper
248 100
250 95.3 76.2 114.2
141 75.2 51.0 76.4

Manual Integrations

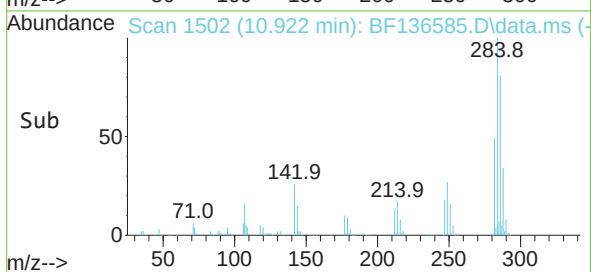
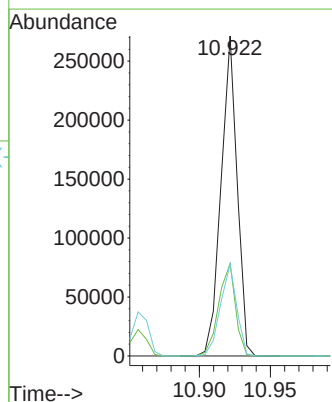
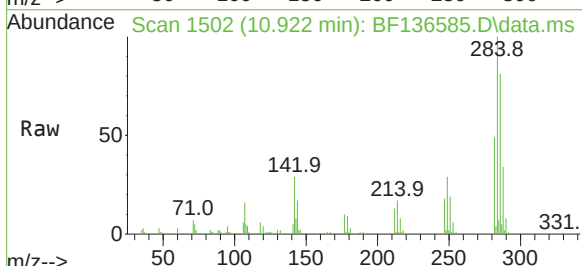
APPROVED

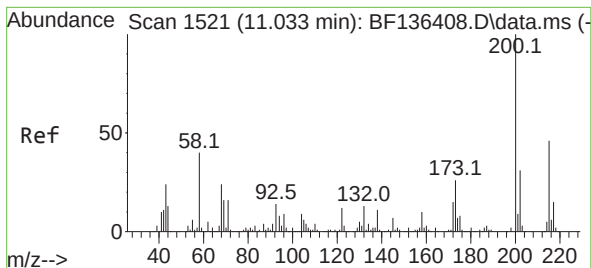
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#68
Hexachlorobenzene
Concen: 34.632 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Tgt Ion:284 Resp: 213599
Ion Ratio Lower Upper
284 100
142 28.9 26.5 39.7
249 28.8 23.4 35.0





#69

Atrazine

Concen: 35.927 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF136585.D

Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

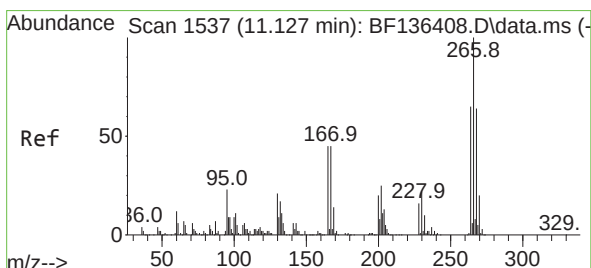
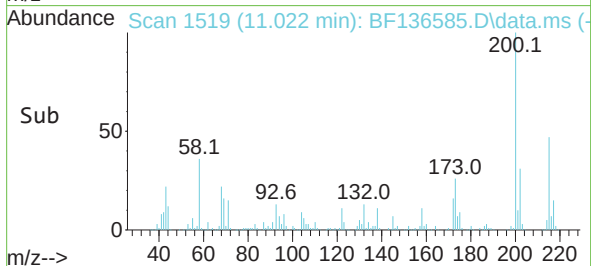
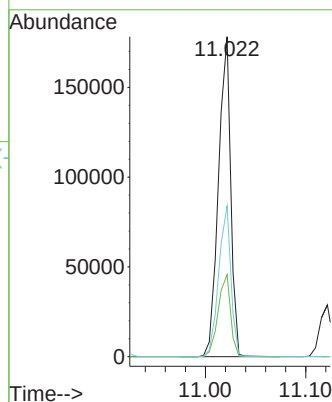
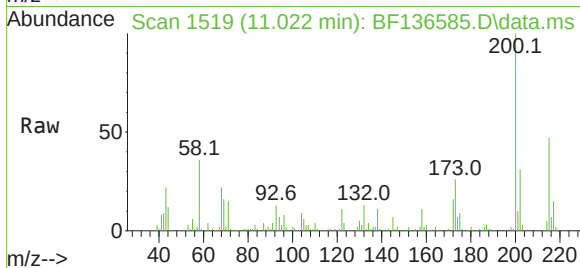
Tgt Ion:200 Resp: 151020
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.0 46.0
 215 47.1 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#70

Pentachlorophenol

Concen: 39.906 ng

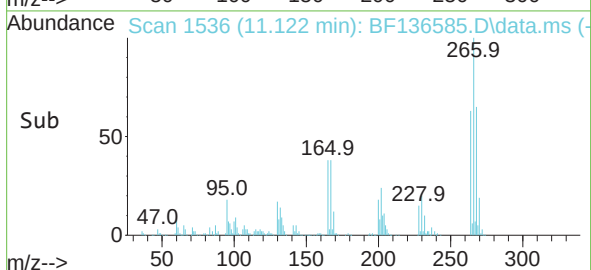
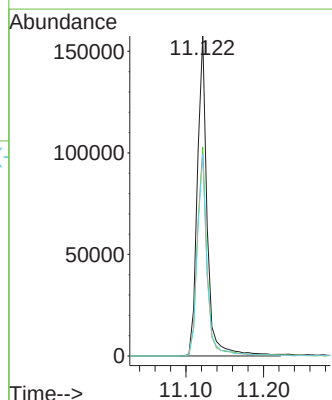
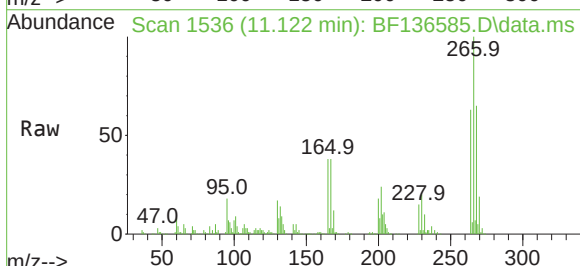
RT: 11.122 min Scan# 1536

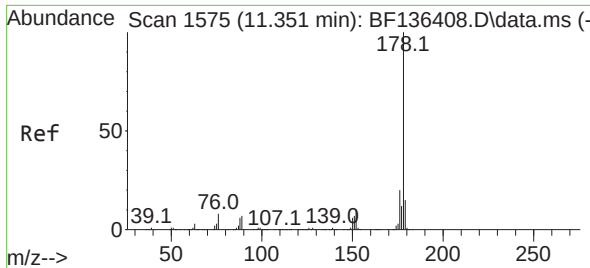
Delta R.T. -0.000 min

Lab File: BF136585.D

Acq: 15 Dec 2023 10:52

Tgt Ion:266 Resp: 138911
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.0 76.6
 264 63.0 52.2 78.4





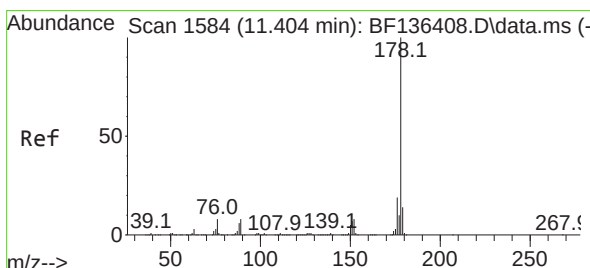
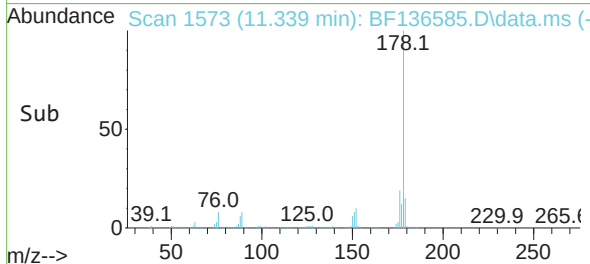
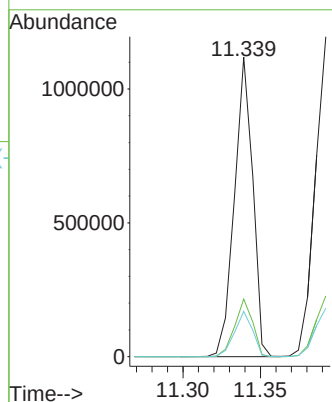
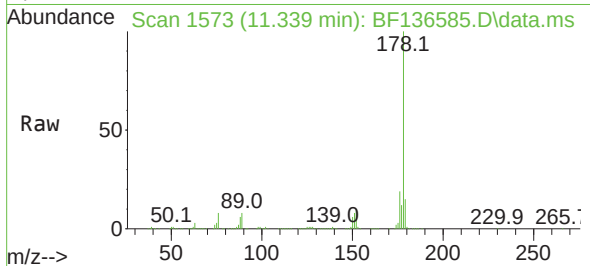
#71
Phenanthrene
Concen: 36.446 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 919440
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.1 11.8 17.6

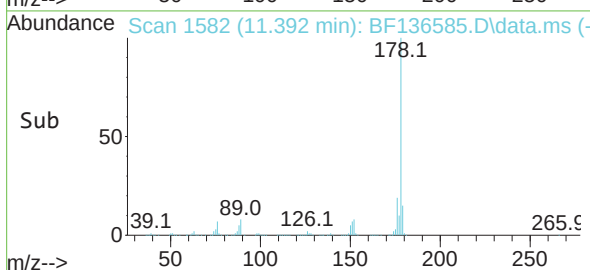
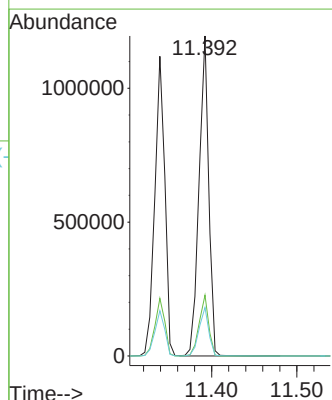
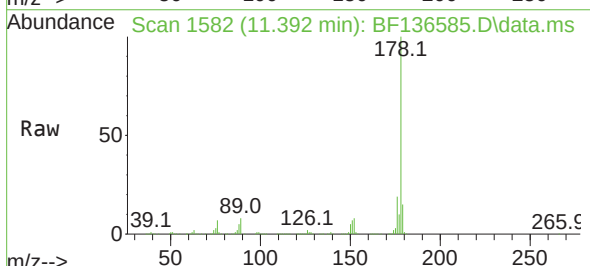
Manual Integrations
APPROVED

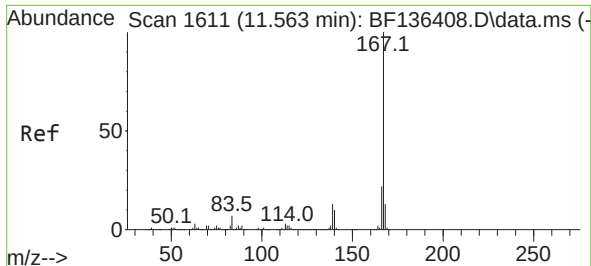
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#72
Anthracene
Concen: 37.247 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

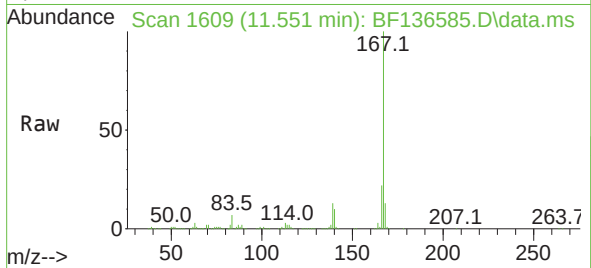
Tgt Ion:178 Resp: 946453
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.2 11.4 17.0





#73
 Carbazole
 Concen: 34.041 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF136585.D
 Acq: 15 Dec 2023 10:52

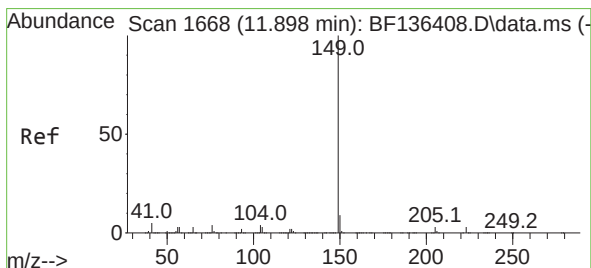
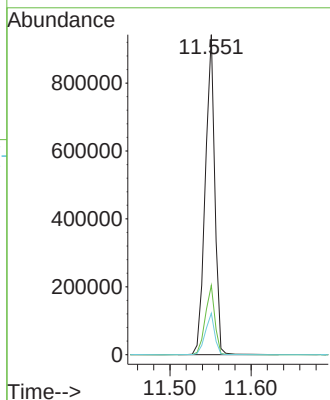
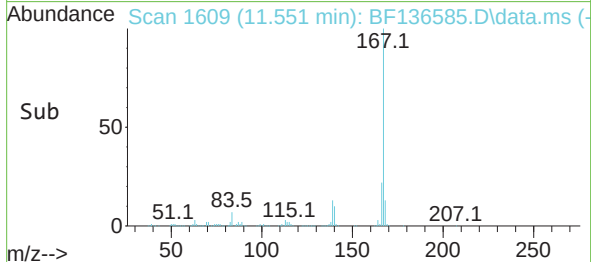
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



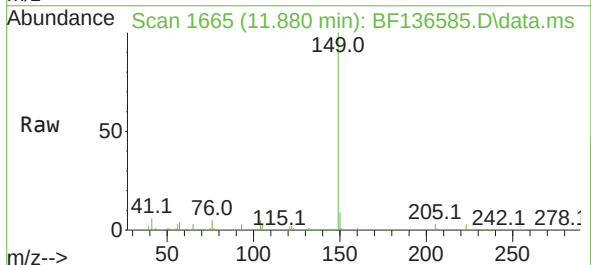
Tgt Ion:167 Resp: 765570
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.0 27.0
 139 13.0 10.2 15.4

Manual Integrations
 APPROVED

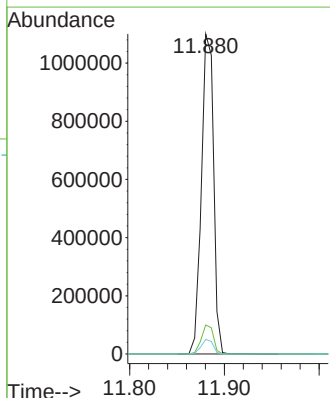
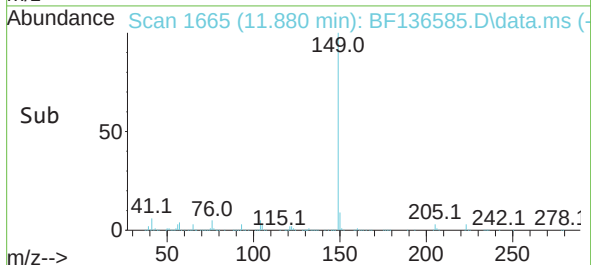
Reviewed By :Yogesh Patel 12/16/2023
 Supervised By :mohammad ahmed 12/16/2023

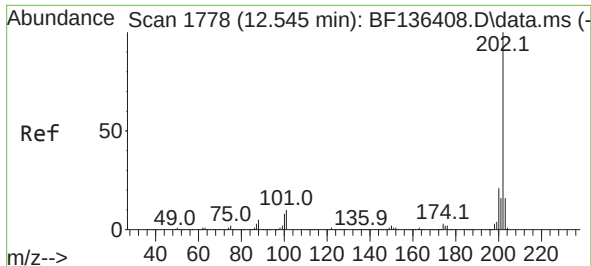


#74
 Di-n-butylphthalate
 Concen: 35.454 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136585.D
 Acq: 15 Dec 2023 10:52



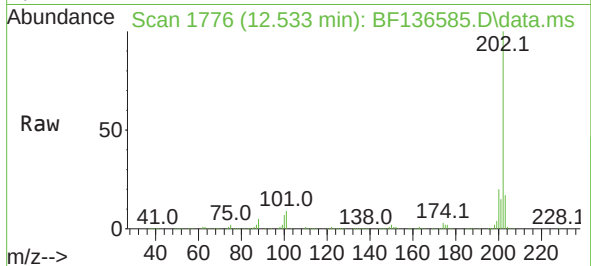
Tgt Ion:149 Resp: 977476
 Ion Ratio Lower Upper
 149 100
 150 9.1 6.9 10.3
 104 4.5 3.5 5.3





#75
Fluoranthene
Concen: 32.784 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

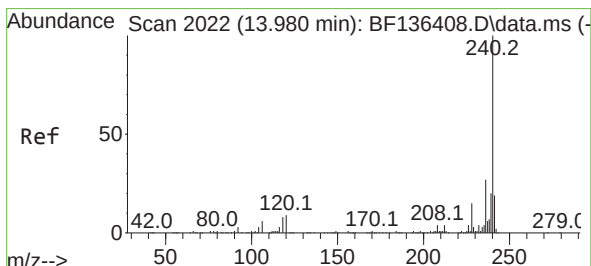
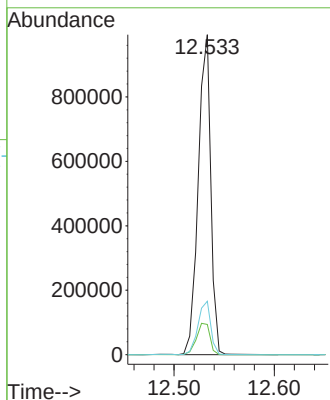
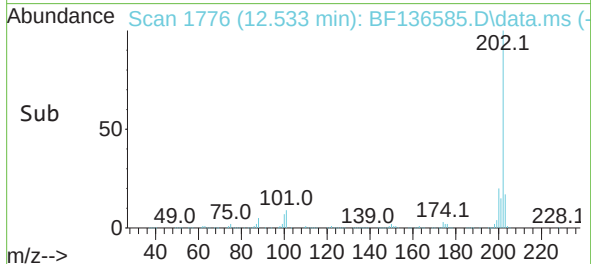
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 866719
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.9
203 16.7 0.0 36.3

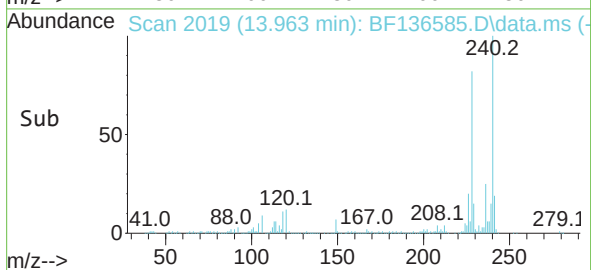
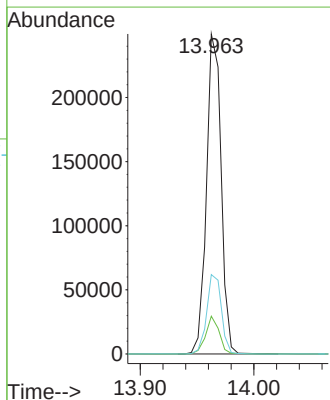
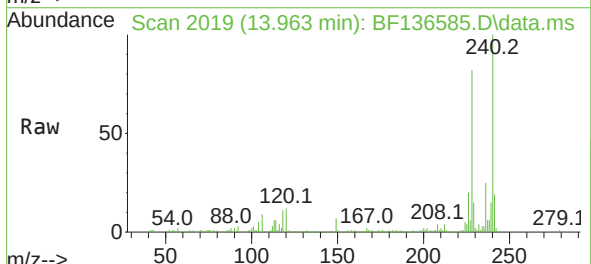
Manual Integrations
APPROVED

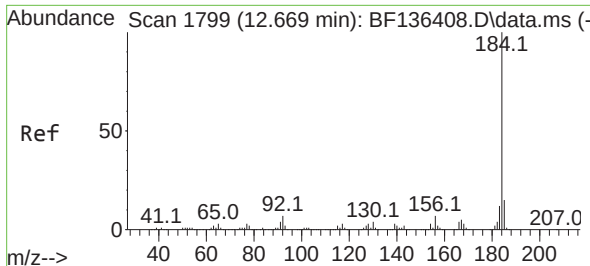
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

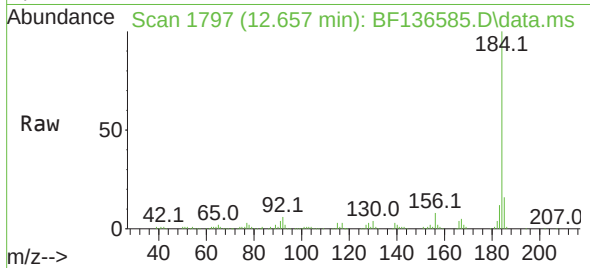
Tgt Ion:240 Resp: 223102
Ion Ratio Lower Upper
240 100
120 11.8 7.3 10.9#
236 24.8 21.3 31.9





#77
Benzidine
Concen: 24.006 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

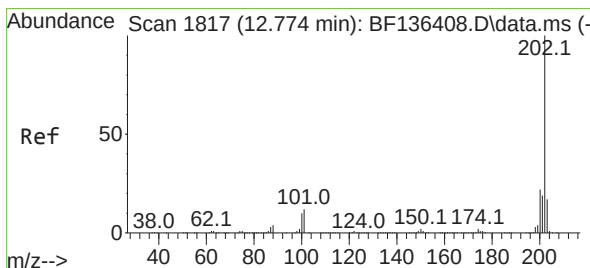
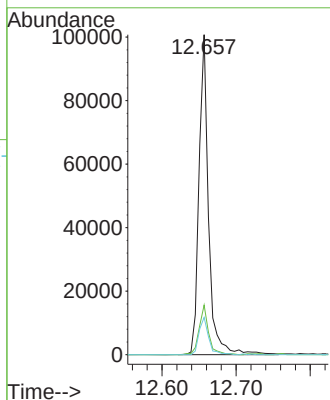
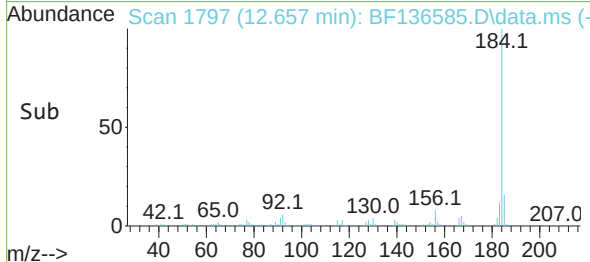
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 90750
Ion Ratio Lower Upper
184 100
185 15.5 12.0 18.0
183 11.6 9.4 14.0

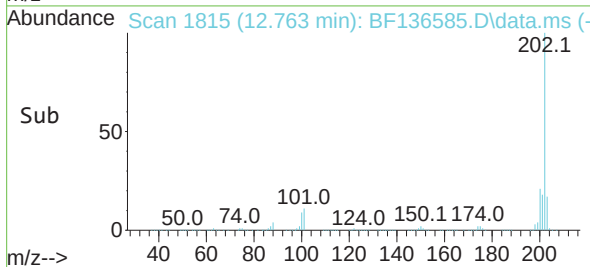
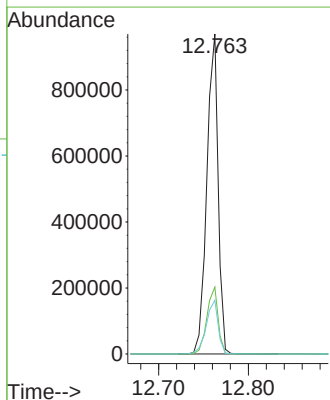
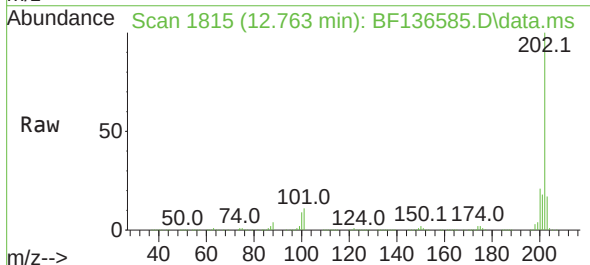
Manual Integrations
APPROVED

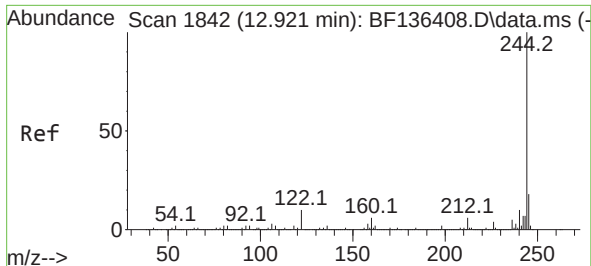
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#78
Pyrene
Concen: 38.734 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Tgt Ion:202 Resp: 846322
Ion Ratio Lower Upper
202 100
200 20.9 18.0 27.0
203 16.8 13.5 20.3





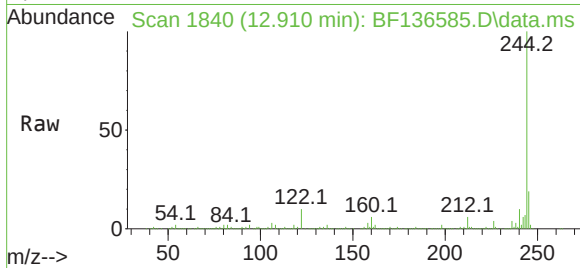
#79
 Terphenyl-d14
 Concen: 80.364 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136585.D
 Acq: 15 Dec 2023 10:52

Instrument :

BNF

ClientSampleId :

SSTDCCC040

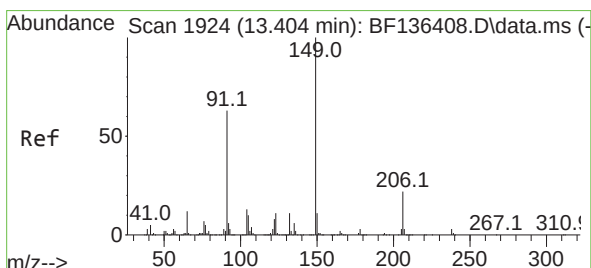
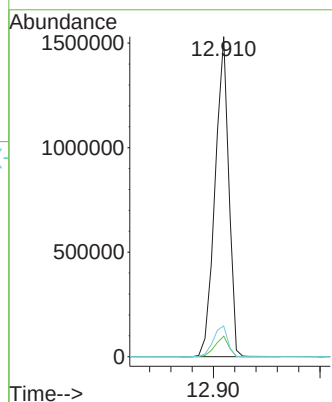
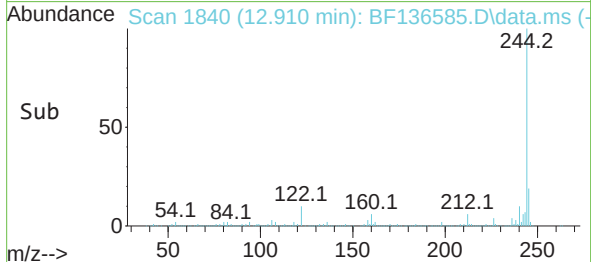


Tgt Ion:244 Resp: 1360304
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 9.6 8.3 12.5

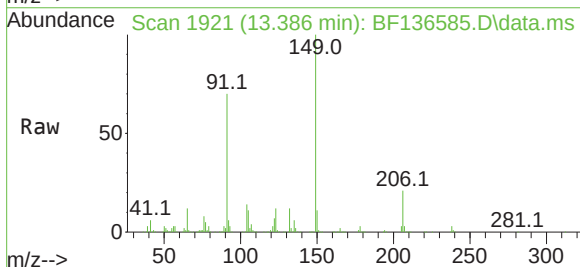
Manual Integrations

APPROVED

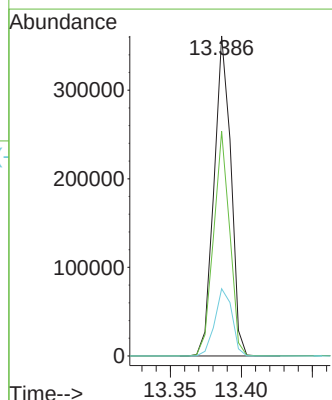
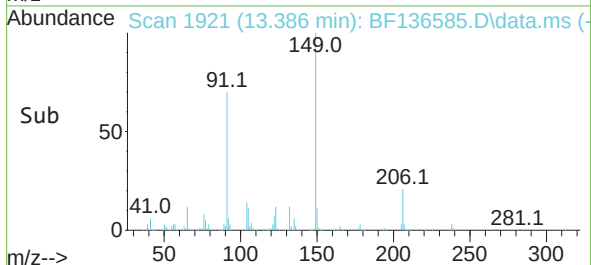
Reviewed By :Yogesh Patel 12/16/2023
 Supervised By :mohammad ahmed 12/16/2023

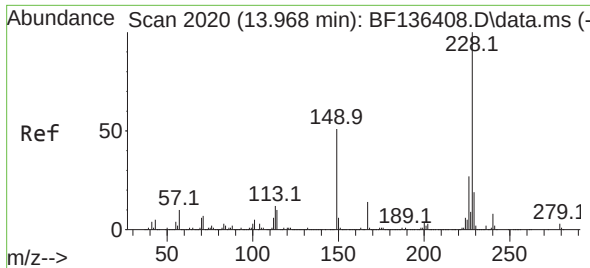


#80
 Butylbenzylphthalate
 Concen: 38.335 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF136585.D
 Acq: 15 Dec 2023 10:52



Tgt Ion:149 Resp: 298176
 Ion Ratio Lower Upper
 149 100
 91 70.2 50.5 75.7
 206 21.0 17.4 26.2





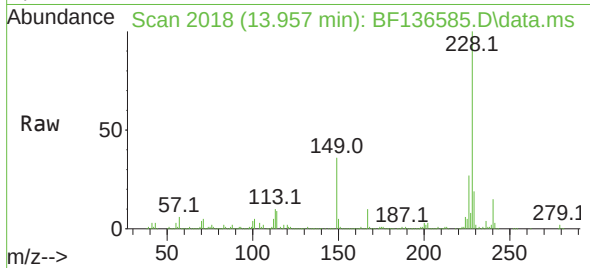
#81
Benzo(a)anthracene
Concen: 36.689 ng
RT: 13.957 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

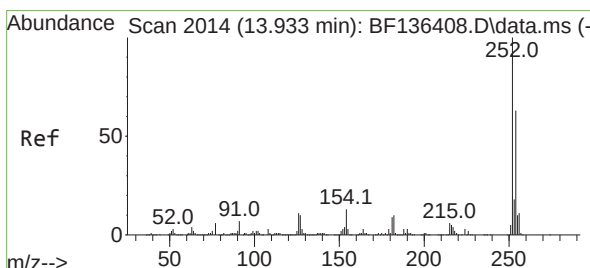
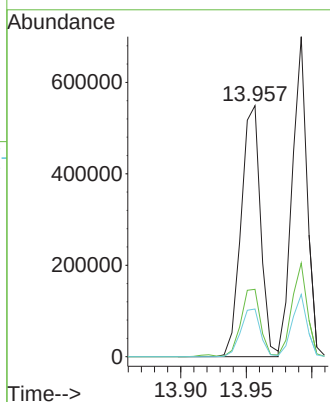
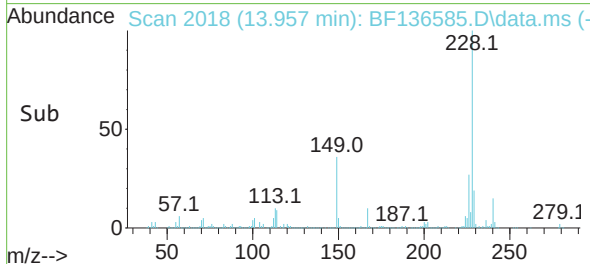


Tgt Ion:228 Resp: 570164
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.0 15.0 22.4

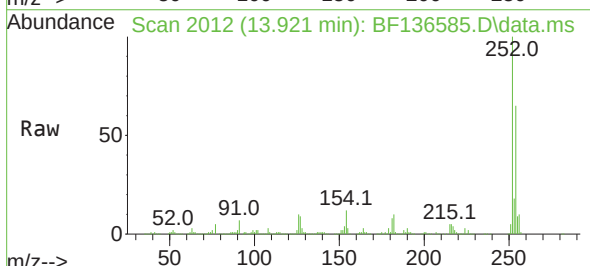
Manual Integrations

APPROVED

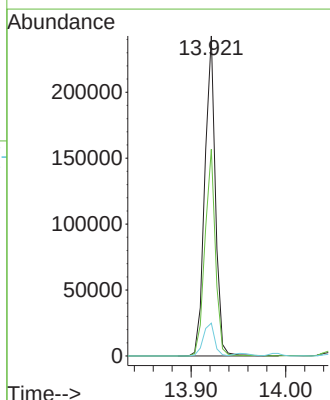
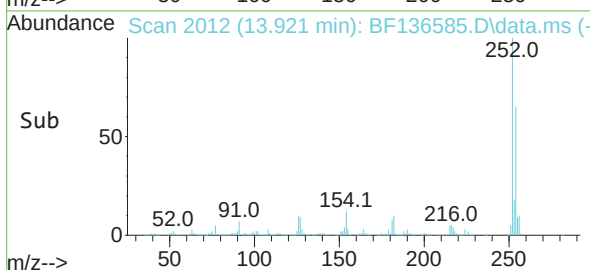
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

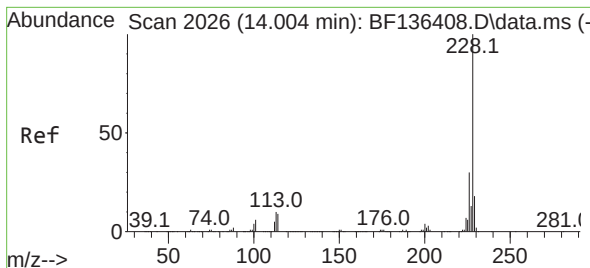


#82
3,3'-Dichlorobenzidine
Concen: 43.406 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



Tgt Ion:252 Resp: 189130
Ion Ratio Lower Upper
252 100
254 64.6 50.8 76.2
126 10.2 8.6 12.8





#83

Chrysene

Concen: 36.005 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136585.D

Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

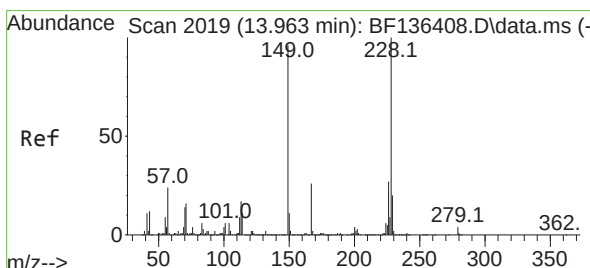
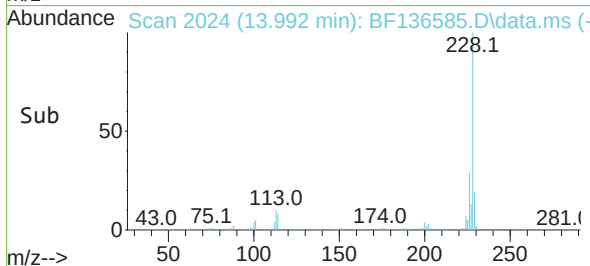
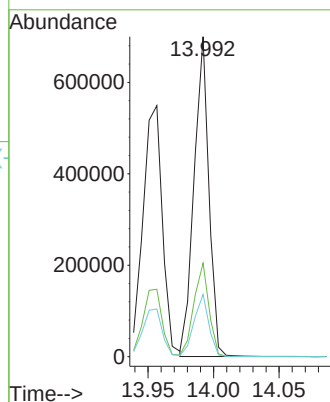
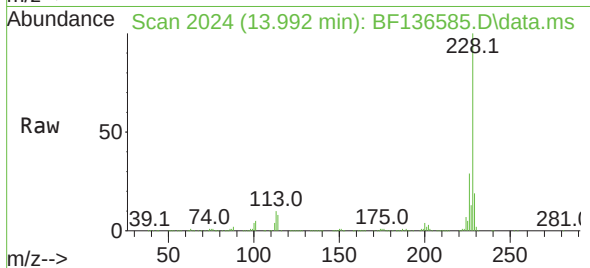
Tgt Ion:228	Resp: 550512
Ion Ratio	Lower Upper
228 100	
226 29.3	23.8 35.6
229 19.5	14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.910 ng

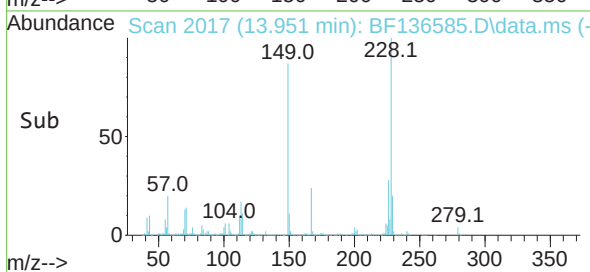
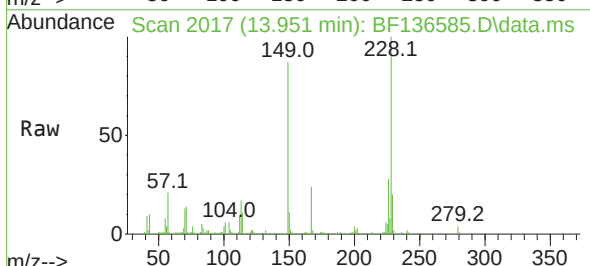
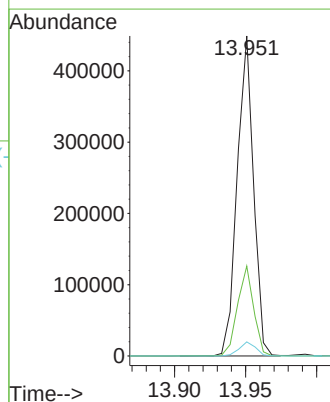
RT: 13.951 min Scan# 2017

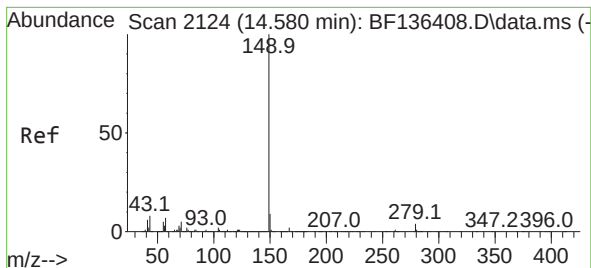
Delta R.T. -0.000 min

Lab File: BF136585.D

Acq: 15 Dec 2023 10:52

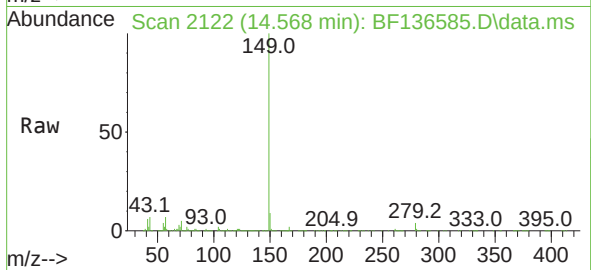
Tgt Ion:149	Resp: 361478
Ion Ratio	Lower Upper
149 100	
167 28.1	21.2 31.8
279 4.4	3.1 4.7





#85
Di-n-octyl phthalate
Concen: 38.569 ng
RT: 14.568 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

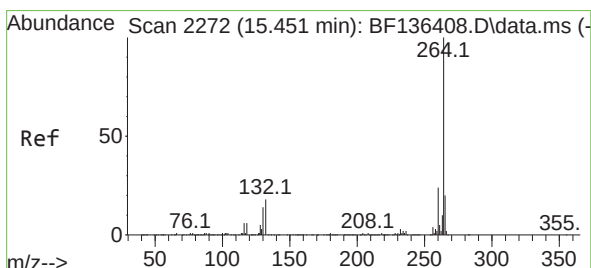
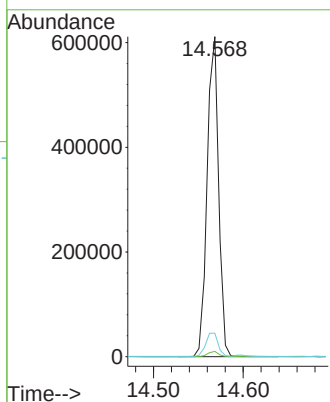
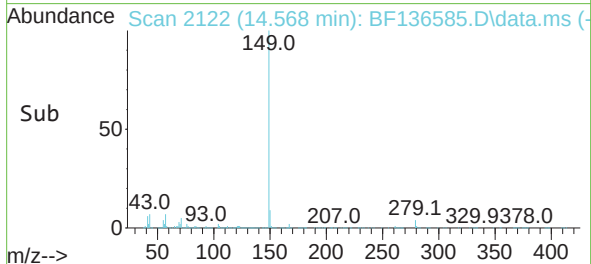
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 54322
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.8 10.2

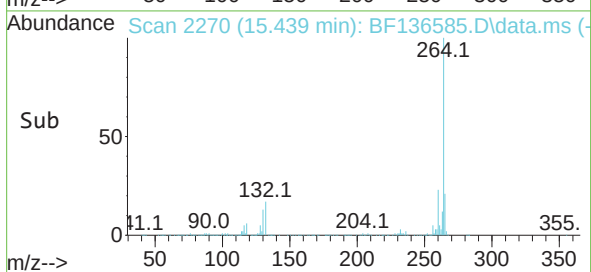
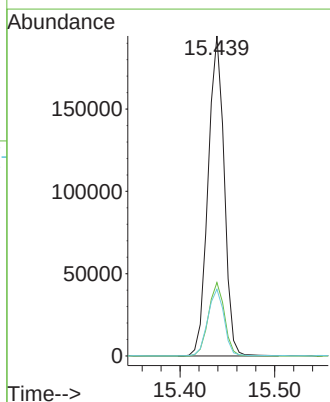
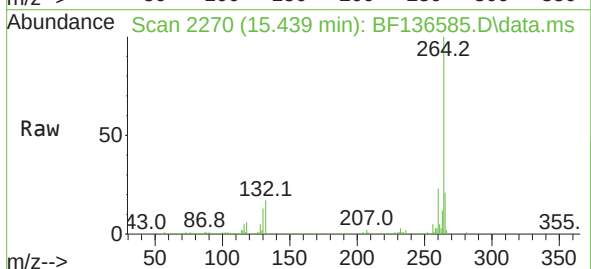
Manual Integrations
APPROVED

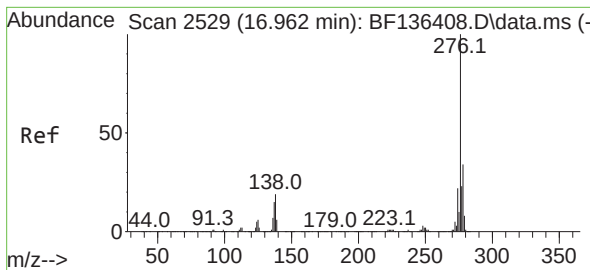
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

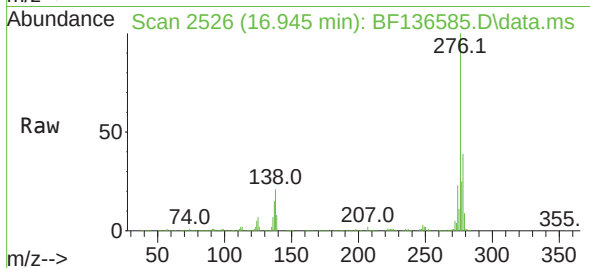
Tgt Ion:264 Resp: 229054
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 20.9 15.9 23.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.036 ng
 RT: 16.945 min Scan# 2197
 Delta R.T. -0.000 min
 Lab File: BF136585.D
 Acq: 15 Dec 2023 10:52

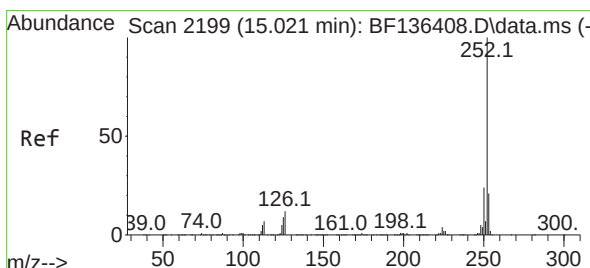
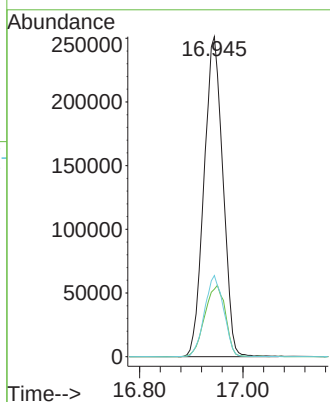
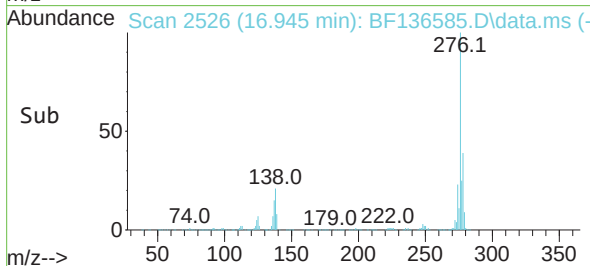
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



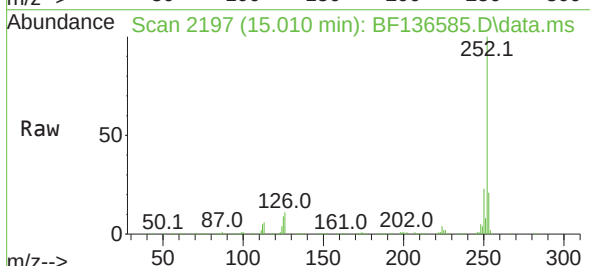
Tgt Ion:276 Resp: 637088
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.0 28.4
 277 25.7 20.0 30.0

Manual Integrations
 APPROVED

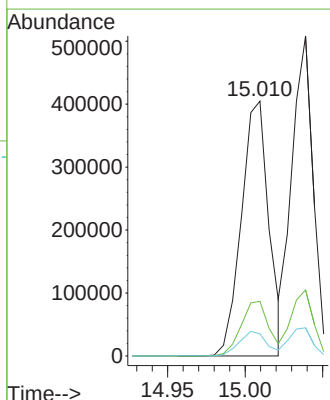
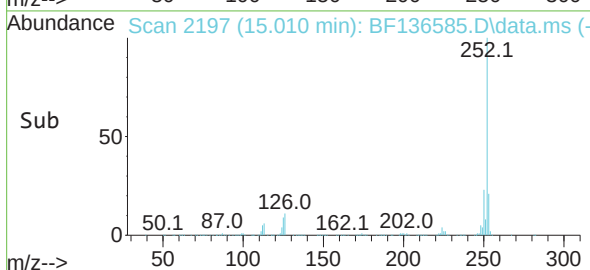
Reviewed By :Yogesh Patel 12/16/2023
 Supervised By :mohammad ahmed 12/16/2023

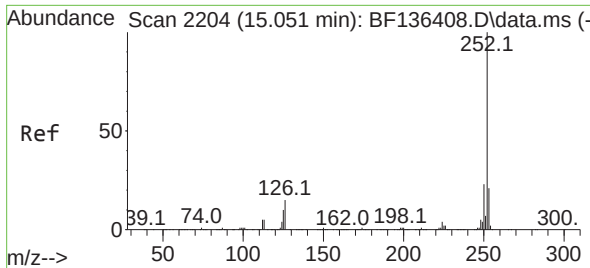


#88
 Benzo(b)fluoranthene
 Concen: 31.868 ng
 RT: 15.010 min Scan# 2197
 Delta R.T. -0.000 min
 Lab File: BF136585.D
 Acq: 15 Dec 2023 10:52



Tgt Ion:252 Resp: 499082
 Ion Ratio Lower Upper
 252 100
 253 21.4 16.9 25.3
 125 8.7 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 33.313 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

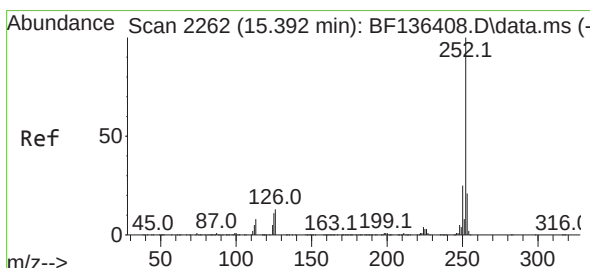
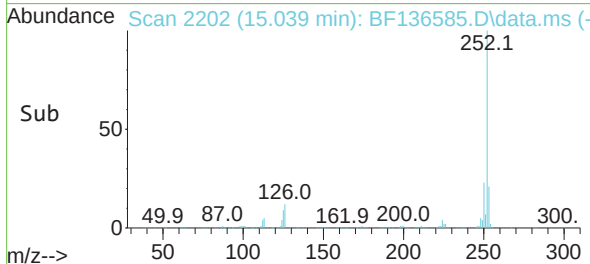
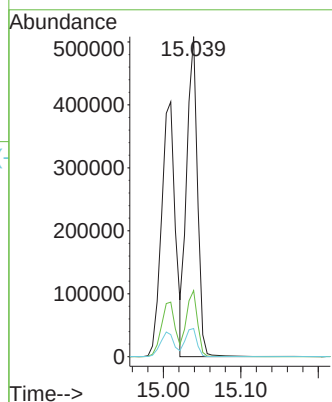
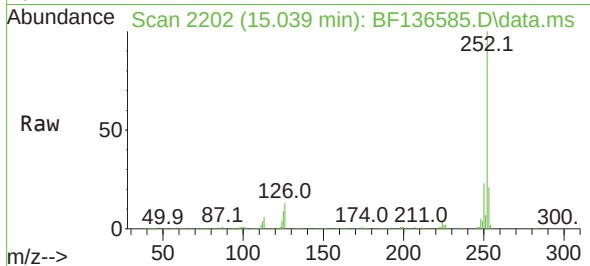
SSTDCCC040

Tgt Ion:252 Resp: 49167
Ion Ratio Lower Upper
252 100
253 20.6 16.9 25.3
125 8.8 7.5 11.3

Manual Integrations

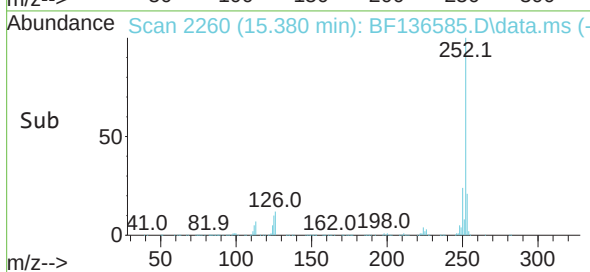
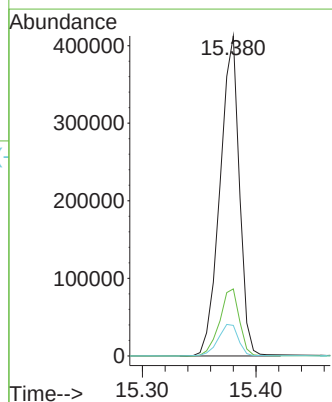
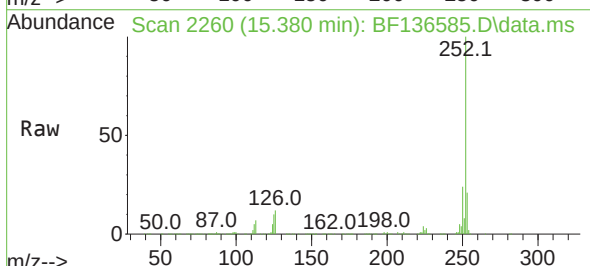
APPROVED

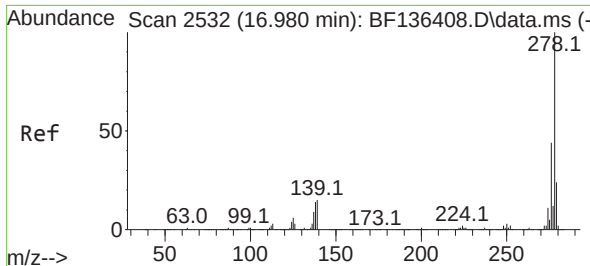
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#90
Benzo(a)pyrene
Concen: 37.754 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Tgt Ion:252 Resp: 488291
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.4
125 9.6 8.6 13.0





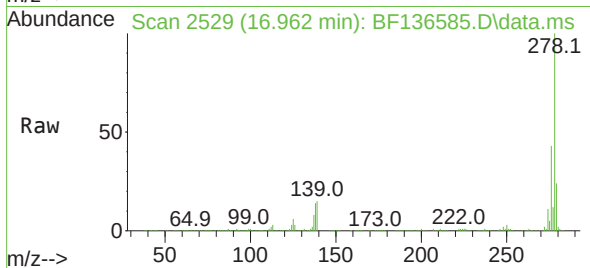
#91
Dibenzo(a,h)anthracene
Concen: 40.505 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

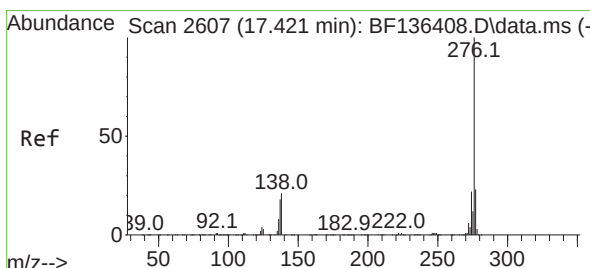
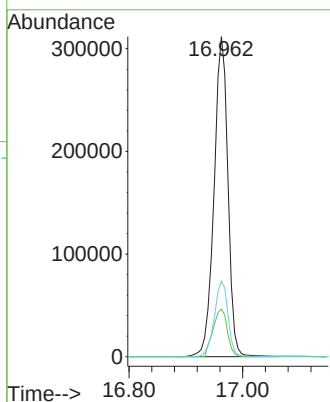
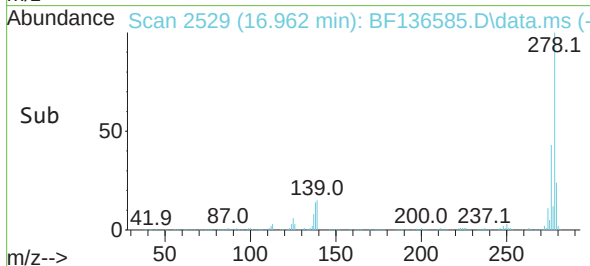


Tgt Ion:278 Resp: 528045
Ion Ratio Lower Upper
278 100
139 14.9 12.2 18.4
279 23.6 19.0 28.4

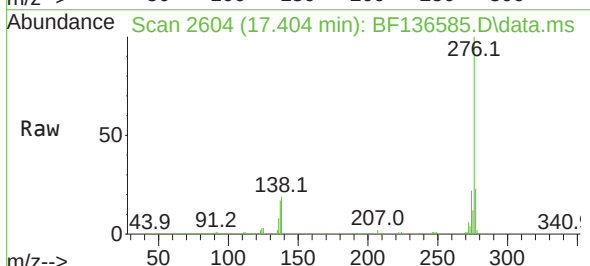
Manual Integrations

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Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#92
Benzo(g,h,i)perylene
Concen: 39.576 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.000 min
Lab File: BF136585.D
Acq: 15 Dec 2023 10:52



Tgt Ion:276 Resp: 529549
Ion Ratio Lower Upper
276 100
277 22.9 18.7 28.1
138 19.4 16.6 25.0

