

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136711.D
 Acq On : 26 Dec 2023 10:44
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

Quant Time: Dec 26 11:09:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	77604	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	293090	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	144471	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	268447	20.000	ng	0.00
76) Chrysene-d12	13.968	240	141860	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	130240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	405151	81.459	ng	0.00
7) Phenol-d6	6.440	99	505812	78.485	ng	0.00
23) Nitrobenzene-d5	7.351	82	461446	80.565	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	139076	81.739	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	868159	80.823	ng	0.00
79) Terphenyl-d14	12.910	244	847235	83.461	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	81828	39.486	ng	97
3) Pyridine	3.299	79	204049	40.356	ng	96
4) n-Nitrosodimethylamine	3.269	42	107555	39.833	ng	97
6) Aniline	6.457	93	241437	37.470	ng	# 66
8) 2-Chlorophenol	6.581	128	217899	40.034	ng	94
9) Benzaldehyde	6.345	77	139639	38.093	ng	97
10) Phenol	6.451	94	261669	38.035	ng	92
11) bis(2-Chloroethyl)ether	6.528	93	202939	38.788	ng	99
12) 1,3-Dichlorobenzene	6.728	146	239751	40.378	ng	99
13) 1,4-Dichlorobenzene	6.804	146	240439	39.631	ng	98
14) 1,2-Dichlorobenzene	6.957	146	223809	39.645	ng	98
15) Benzyl Alcohol	6.934	79	173269	39.852	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	321803	37.620	ng	90
17) 2-Methylphenol	7.051	107	172011	38.148	ng	98
18) Hexachloroethane	7.292	117	89042	40.413	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	147819	37.837	ng	98
20) 3+4-Methylphenols	7.204	107	217572	38.623	ng	# 75
22) Acetophenone	7.198	105	295424	40.214	ng	95
24) Nitrobenzene	7.375	77	233356	40.671	ng	94
25) Isophorone	7.610	82	401991	38.571	ng	99
26) 2-Nitrophenol	7.686	139	112850	41.109	ng	99
27) 2,4-Dimethylphenol	7.728	122	133013	39.800	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	249438	39.374	ng	99
29) 2,4-Dichlorophenol	7.934	162	174289	40.508	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	196178	40.923	ng	99
31) Naphthalene	8.086	128	648954	40.304	ng	100
32) Benzoic acid	7.863	122	132685m	41.033	ng	
33) 4-Chloroaniline	8.139	127	223076	37.523	ng	99
34) Hexachlorobutadiene	8.198	225	118617	40.726	ng	98
35) Caprolactam	8.522	113	53414	37.632	ng	98
36) 4-Chloro-3-methylphenol	8.628	107	188455	38.907	ng	96
37) 2-Methylnaphthalene	8.781	142	403639	38.952	ng	99
38) 1-Methylnaphthalene	8.881	142	395565	38.909	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	188339	42.095	ng	99
41) Hexachlorocyclopentadiene	8.928	237	45684	34.961	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	121040	42.183	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	134311	42.005	ng	99
46) 1,1'-Biphenyl	9.245	154	496694	40.970	ng	100
47) 2-Chloronaphthalene	9.269	162	377664	40.978	ng	99
48) 2-Nitroaniline	9.369	65	119771	41.500	ng	98
49) Acenaphthylene	9.686	152	580991	41.243	ng	99
50) Dimethylphthalate	9.551	163	419506	39.754	ng	100
51) 2,6-Dinitrotoluene	9.616	165	96867	40.447	ng	98
52) Acenaphthene	9.857	154	351953	40.305	ng	99
53) 3-Nitroaniline	9.786	138	102235	40.298	ng	89
54) 2,4-Dinitrophenol	9.892	184	48274	38.407	ng	# 81
55) Dibenzofuran	10.028	168	528579	39.932	ng	99
56) 4-Nitrophenol	9.957	139	67998	39.705	ng	99
57) 2,4-Dinitrotoluene	10.022	165	124023	39.891	ng	97
58) Fluorene	10.375	166	420856	40.070	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	100343	40.767	ng	100
60) Diethylphthalate	10.251	149	429813	39.256	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	203488	39.859	ng	98
62) 4-Nitroaniline	10.404	138	95283m	38.960	ng	
63) Azobenzene	10.527	77	403738	39.480	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	68549	44.557	ng	94
66) n-Nitrosodiphenylamine	10.486	169	359970	41.279	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	122475	41.081	ng	99
68) Hexachlorobenzene	10.922	284	139198	41.897	ng	96
69) Atrazine	11.022	200	97514	43.720	ng	98
70) Pentachlorophenol	11.122	266	64046	41.357	ng	98
71) Phenanthrene	11.339	178	571283	41.475	ng	99
72) Anthracene	11.392	178	567503	40.682	ng	99
73) Carbazole	11.551	167	538016	40.908	ng	99
74) Di-n-butylphthalate	11.880	149	642675	40.046	ng	100
75) Fluoranthene	12.533	202	587839	39.898	ng	97
77) Benzidine	12.657	184	146723	35.077	ng	97
78) Pyrene	12.763	202	596048	42.801	ng	100
80) Butylbenzylphthalate	13.386	149	219170	43.252	ng	99
81) Benzo(a)anthracene	13.957	228	411691	41.793	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	120537	43.088	ng	98
83) Chrysene	13.998	228	397974	41.314	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	273571	42.910	ng	99
85) Di-n-octyl phthalate	14.563	149	421160	42.705	ng	100
87) Indeno(1,2,3-cd)pyrene	16.956	276	412243	43.839	ng	99
88) Benzo(b)fluoranthene	15.015	252	348559	40.070	ng	99
89) Benzo(k)fluoranthene	15.045	252	321548	39.120	ng	99
90) Benzo(a)pyrene	15.386	252	298234	40.616	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	341814	44.307	ng	98
92) Benzo(g,h,i)perylene	17.415	276	351383	44.471	ng	99

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

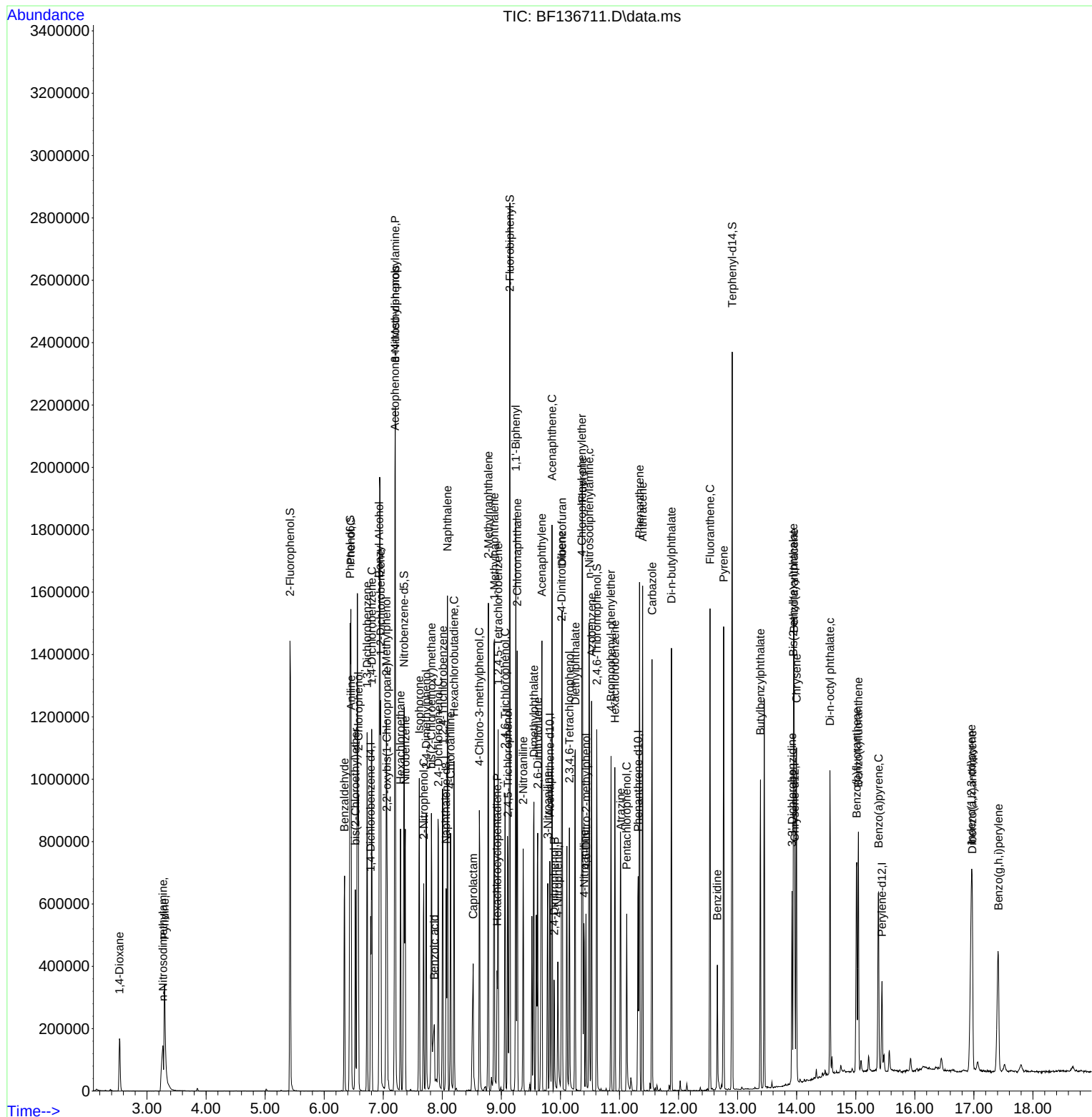
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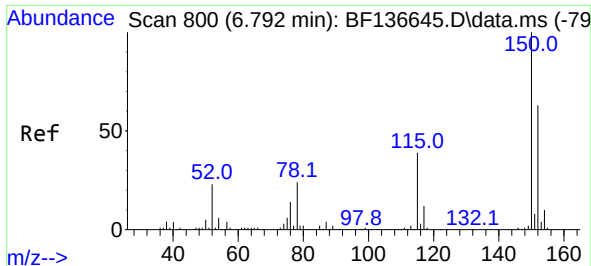
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

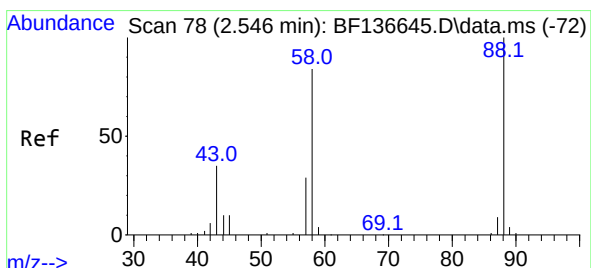
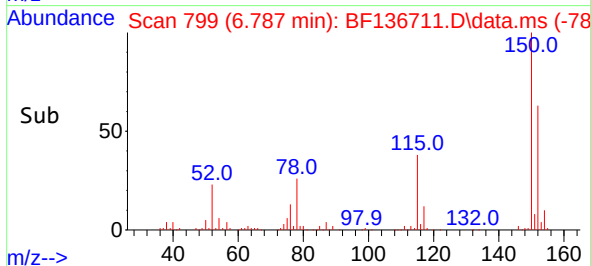
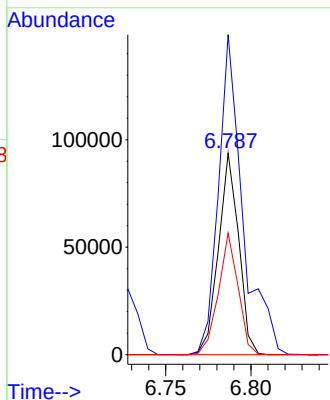
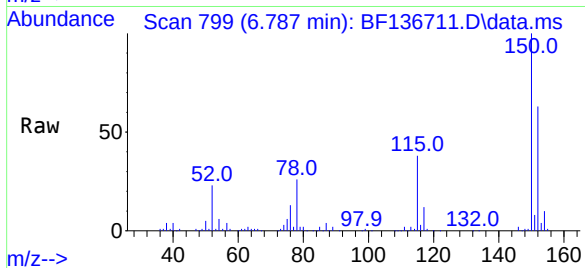
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Tgt Ion:152 Resp: 77604
Ion Ratio Lower Upper
152 100
150 158.8 127.0 190.6
115 60.4 49.0 73.4

Manual Integrations

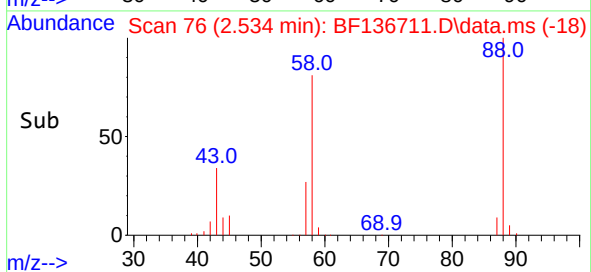
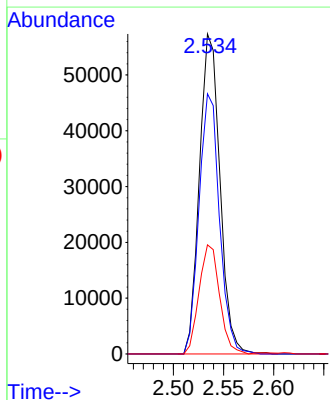
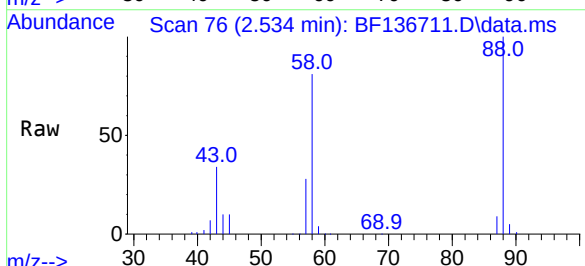
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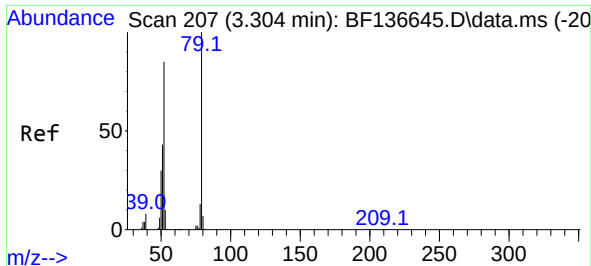
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Supervised By :mohammad ahmed 12/27/2023



#2
1,4-Dioxane
Concen: 39.486 ng
RT: 2.534 min Scan# 76
Delta R.T. -0.012 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion: 88 Resp: 81828
Ion Ratio Lower Upper
88 100
58 81.2 67.4 101.0
43 34.1 27.7 41.5





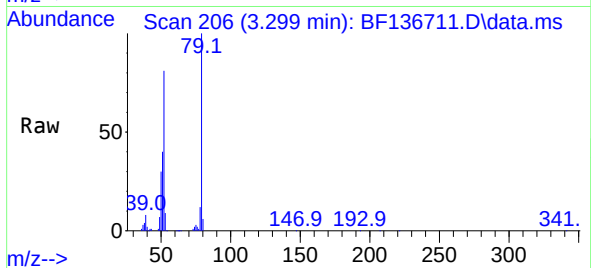
#3
Pyridine
Concen: 40.356 ng
RT: 3.299 min Scan# 207
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

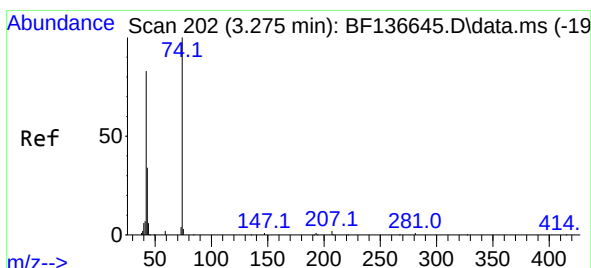
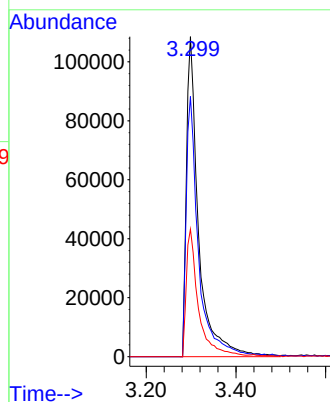
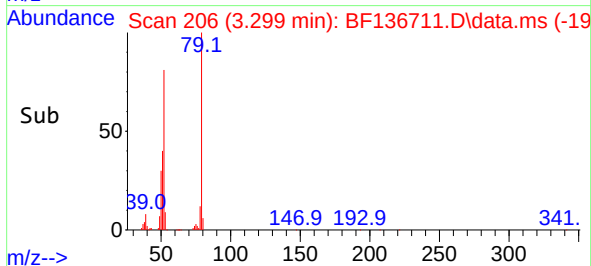


Tgt Ion: 79 Resp: 204049
Ion Ratio Lower Upper
79 100
52 81.3 67.7 101.5
51 39.9 34.0 51.0

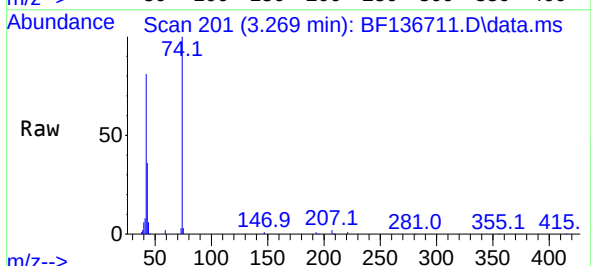
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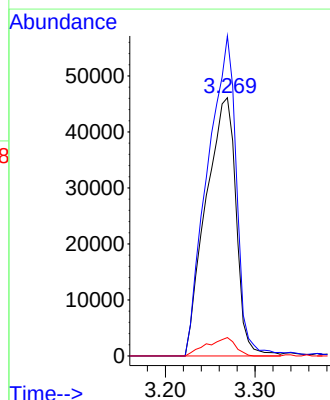
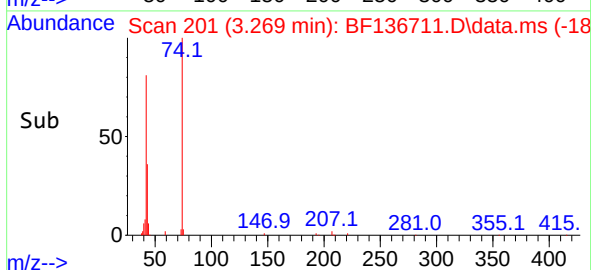
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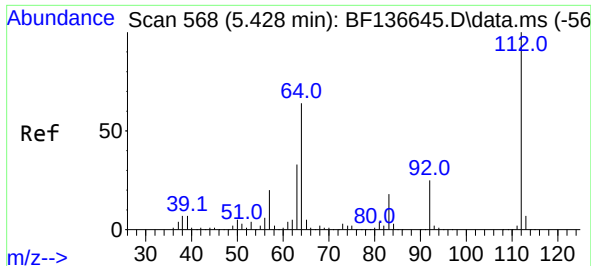


#4
n-Nitrosodimethylamine
Concen: 39.833 ng
RT: 3.269 min Scan# 201
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion: 42 Resp: 107555
Ion Ratio Lower Upper
42 100
74 123.9 96.0 144.0
44 7.1 5.4 8.2





#5
2-Fluorophenol
Concen: 81.459 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

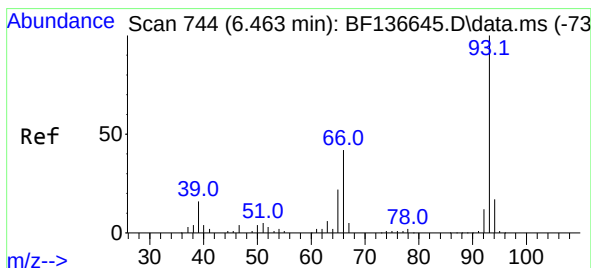
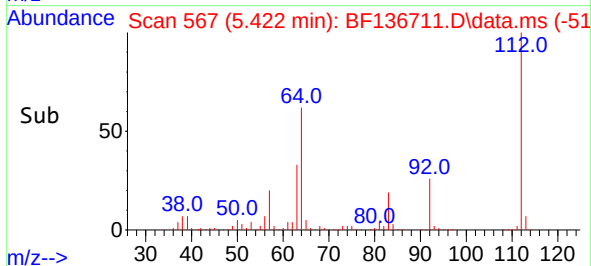
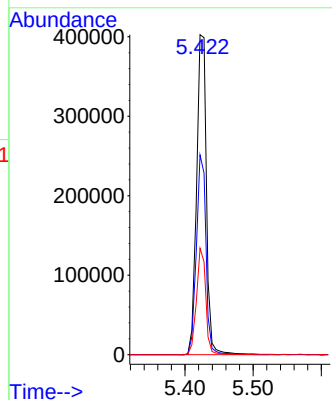
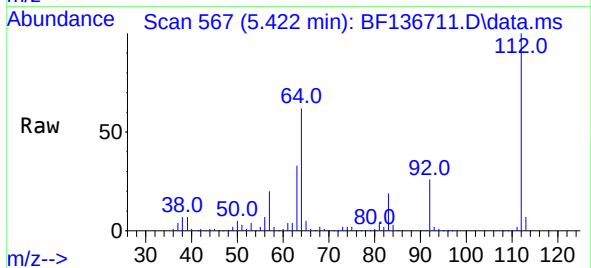
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Tgt Ion:112 Resp: 40515
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 33.2 26.1 39.1

Manual Integrations

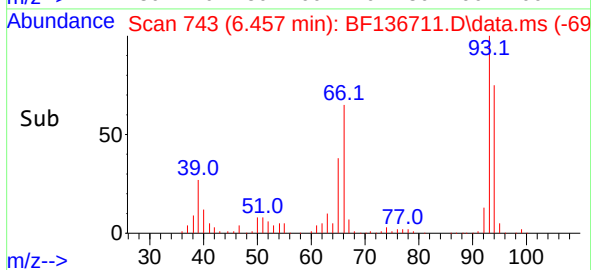
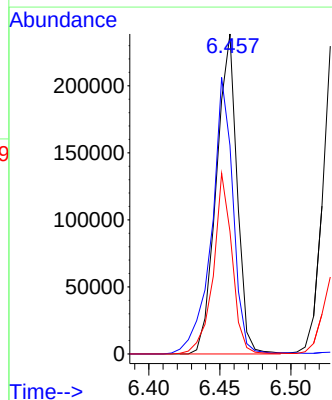
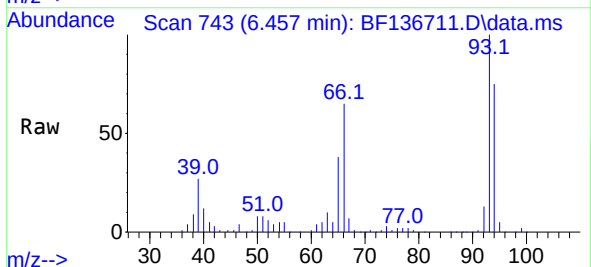
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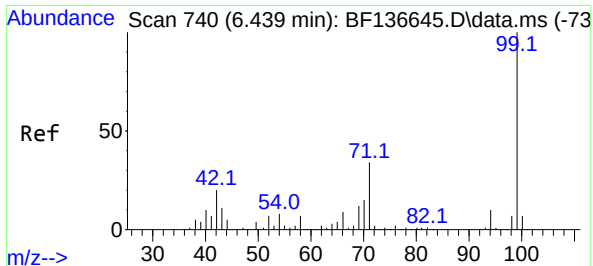
Reviewed By :Yogesh Patel 12/27/2023
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#6
Aniline
Concen: 37.470 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136711.D
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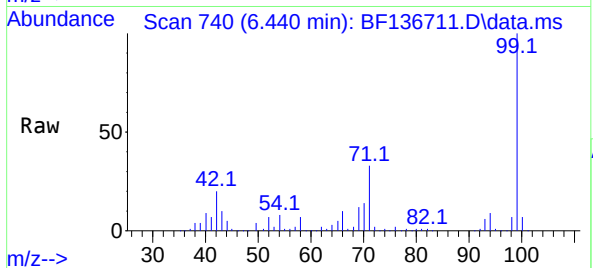
Tgt Ion: 93 Resp: 241437
Ion Ratio Lower Upper
93 100
66 65.1 34.6 51.8#
65 38.3 17.8 26.8#





#7
Phenol-d6
Concen: 78.485 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

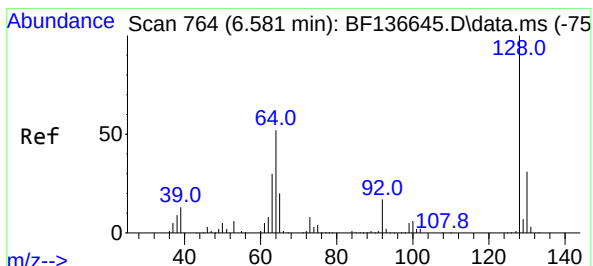
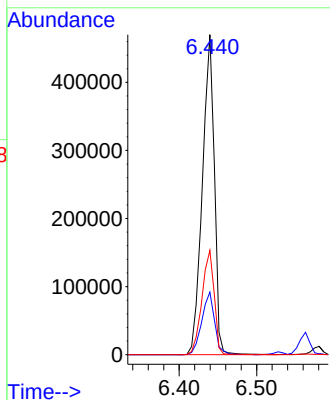
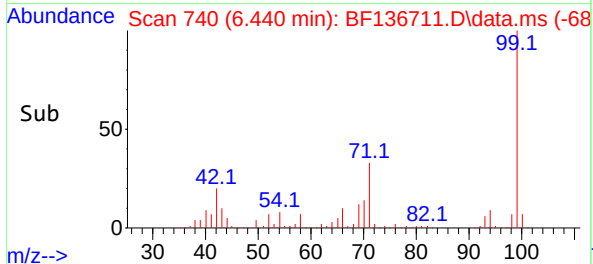
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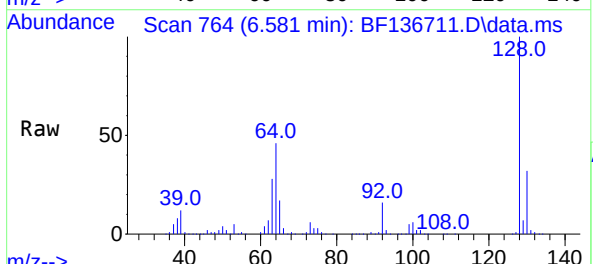
Tgt Ion: 99 Resp: 505812
Ion Ratio Lower Upper
99 100
42 19.6 16.1 24.1
71 32.6 27.4 41.2

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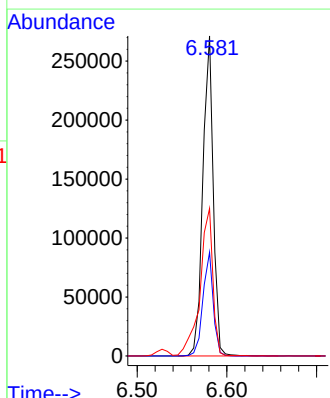
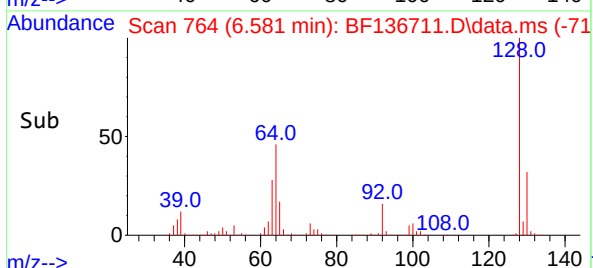
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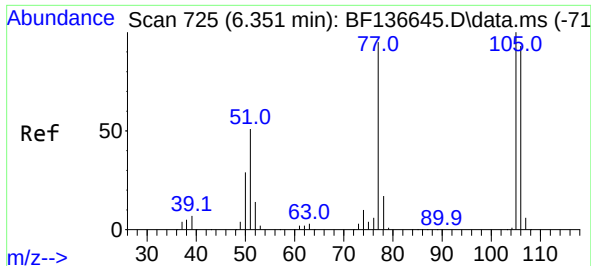


#8
2-Chlorophenol
Concen: 40.034 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion:128 Resp: 217899
Ion Ratio Lower Upper
128 100
130 32.4 11.3 51.3
64 46.1 32.5 72.5





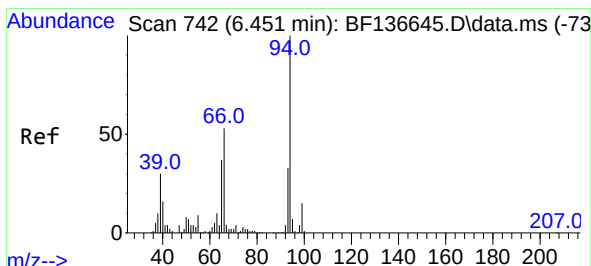
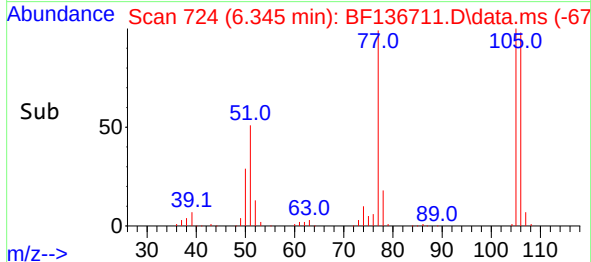
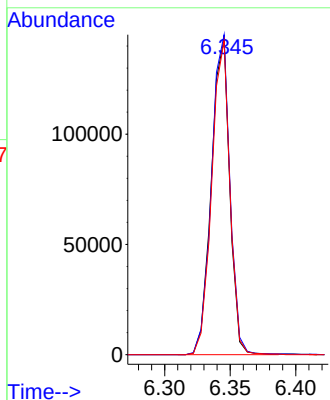
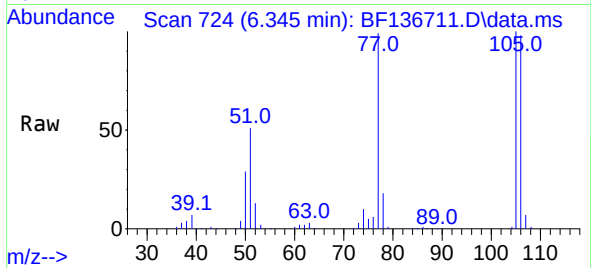
#9
Benzaldehyde
Concen: 38.093 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
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Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 139639
Ion Ratio Lower Upper
77 100
105 101.2 84.8 124.8
106 99.3 77.8 117.8

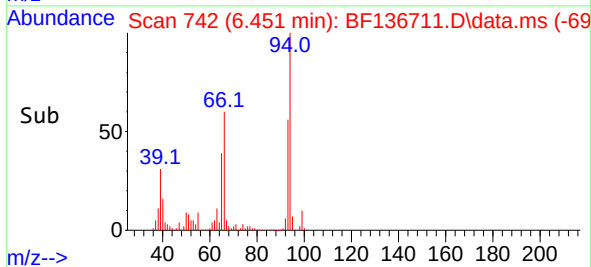
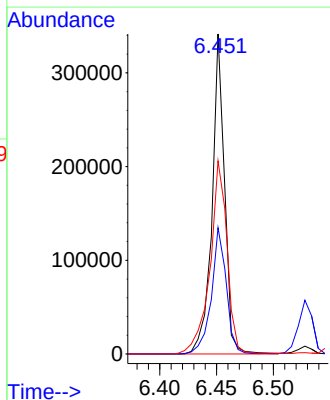
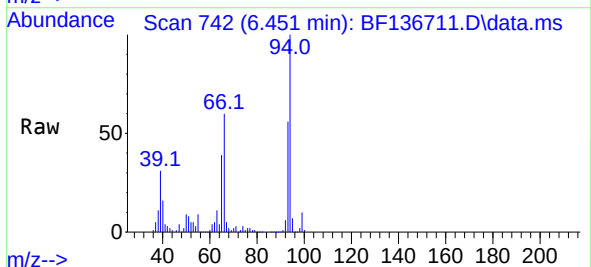
Manual Integrations
APPROVED

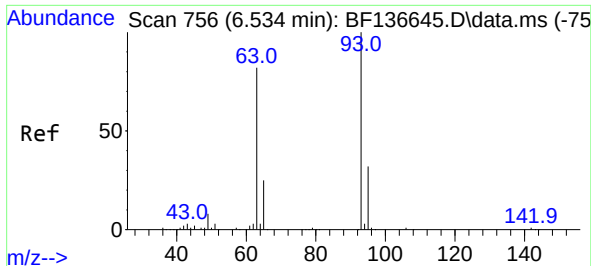
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#10
Phenol
Concen: 38.035 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion: 94 Resp: 261669
Ion Ratio Lower Upper
94 100
65 39.4 16.6 56.6
66 60.4 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 38.788 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

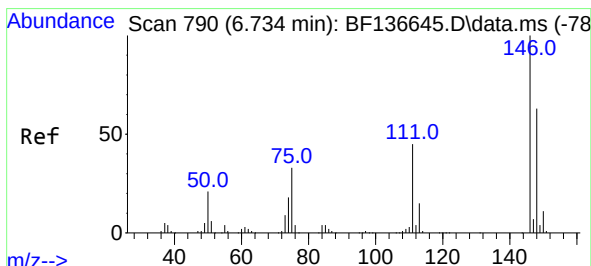
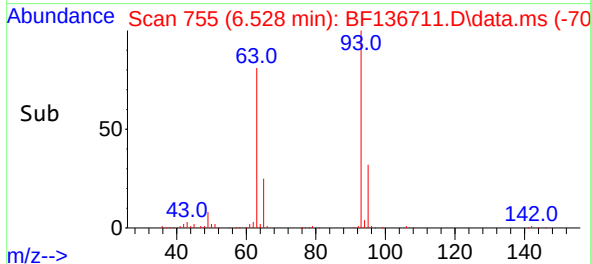
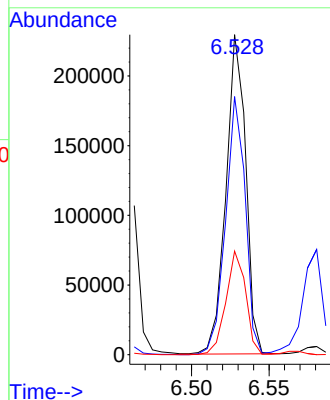
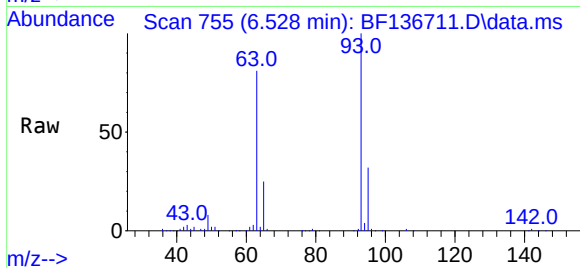
SSTDCCC040

Tgt Ion: 93 Resp: 202939
Ion Ratio Lower Upper
93 100
63 80.6 61.2 101.2
95 32.3 11.6 51.6

Manual Integrations

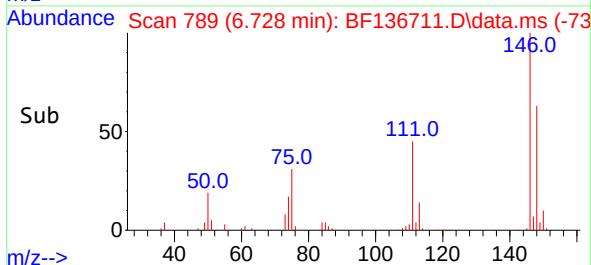
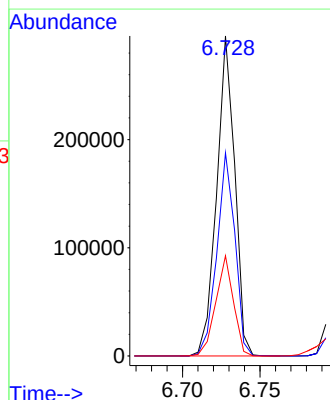
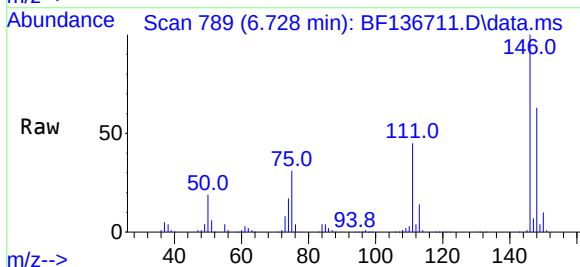
APPROVED

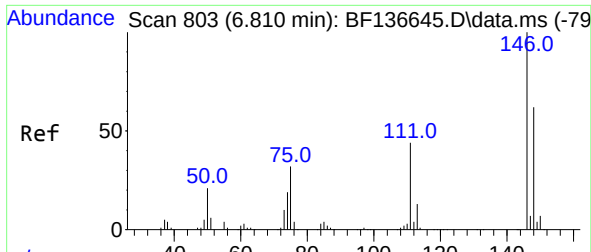
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#12
1,3-Dichlorobenzene
Concen: 40.378 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:146 Resp: 239751
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 31.3 26.2 39.4





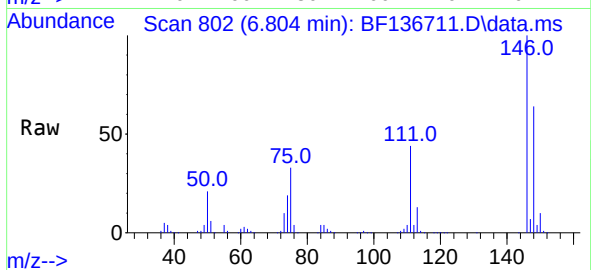
#13
1,4-Dichlorobenzene
Concen: 39.631 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

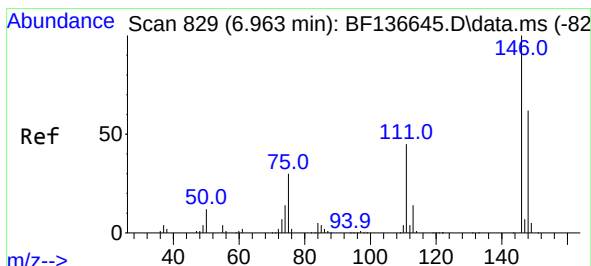
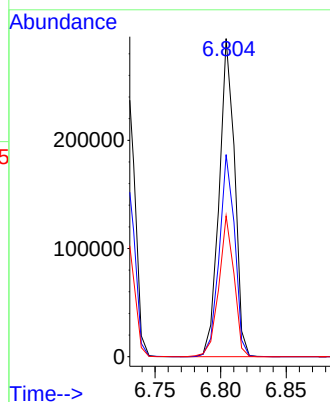
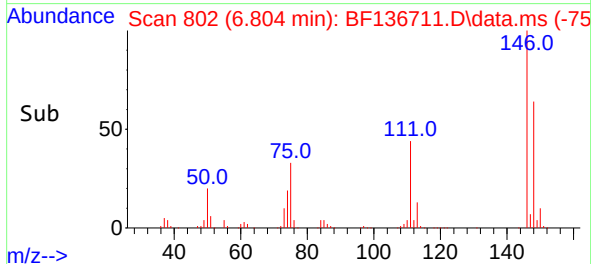


Tgt Ion:146 Resp: 240439
Ion Ratio Lower Upper
146 100
148 63.6 49.2 73.8
111 44.3 35.2 52.8

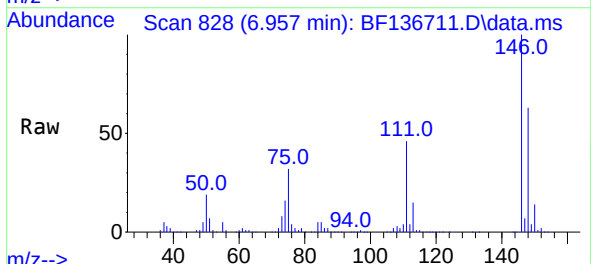
Manual Integrations

APPROVED

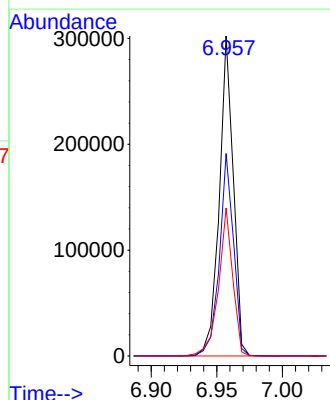
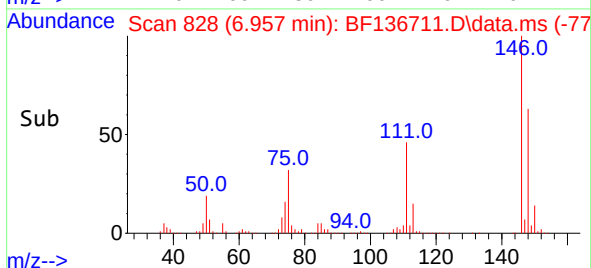
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

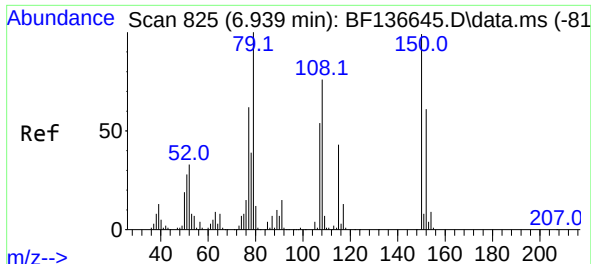


#14
1,2-Dichlorobenzene
Concen: 39.645 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion:146 Resp: 223809
Ion Ratio Lower Upper
146 100
148 63.2 49.6 74.4
111 46.3 36.2 54.2





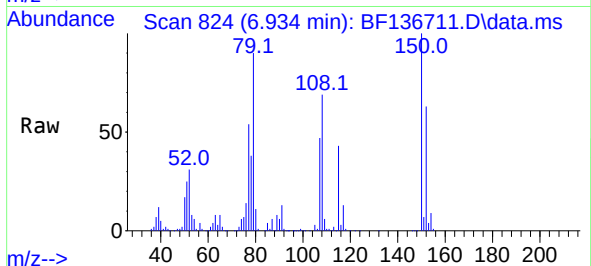
#15
Benzyl Alcohol
Concen: 39.852 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

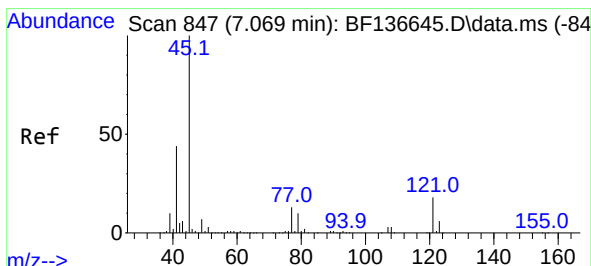
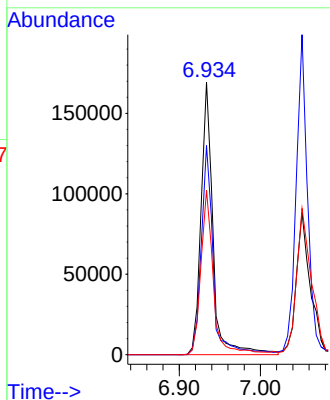
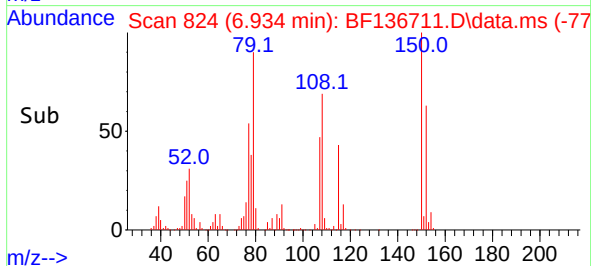


Tgt Ion: 79 Resp: 173269
Ion Ratio Lower Upper
79 100
108 76.7 61.0 91.6
77 60.4 49.8 74.8

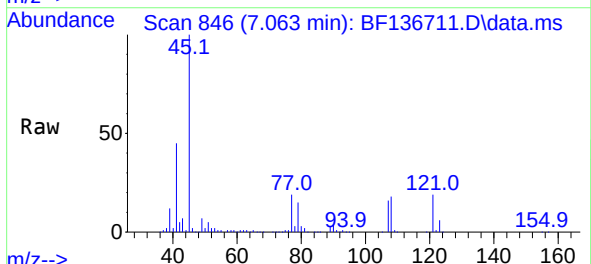
Manual Integrations

APPROVED

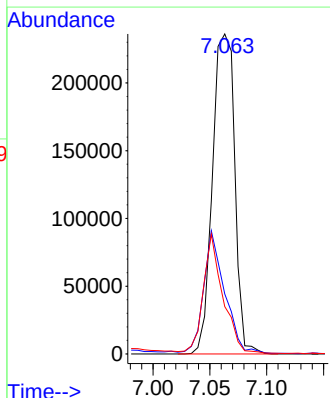
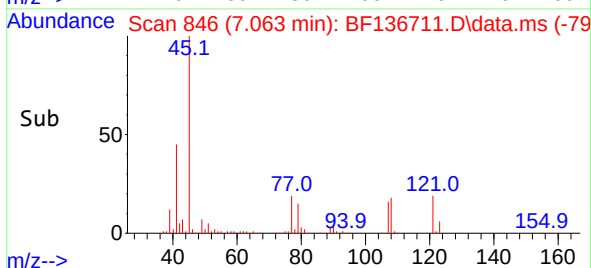
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

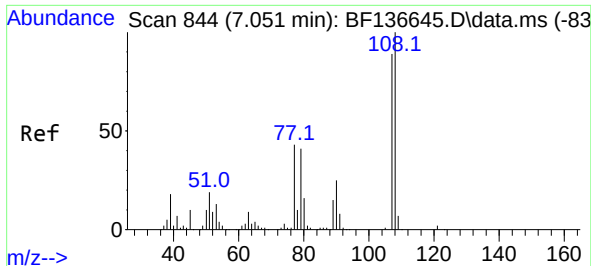


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.620 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion: 45 Resp: 321803
Ion Ratio Lower Upper
45 100
77 18.7 0.0 34.3
79 14.8 0.0 31.4





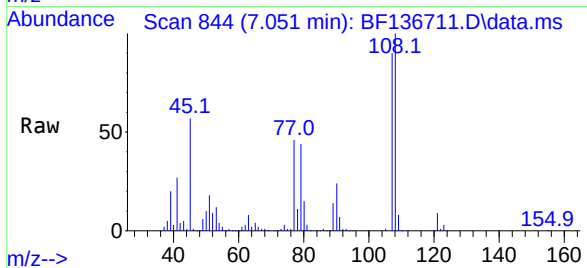
#17
2-Methylphenol
Concen: 38.148 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

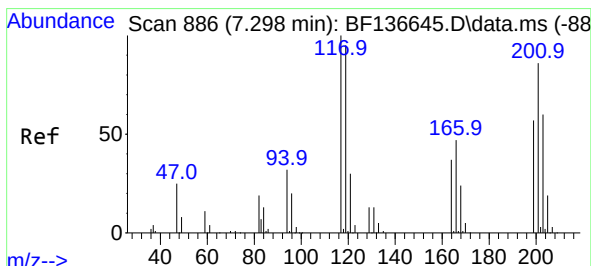
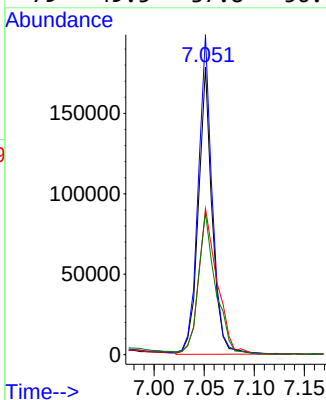
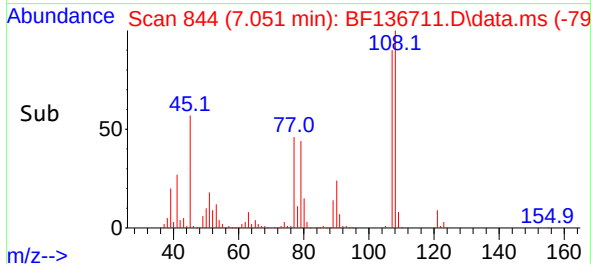


Tgt Ion:107 Resp: 17201
Ion Ratio Lower Upper
107 100
108 111.3 90.3 135.5
77 50.9 38.7 58.1
79 49.5 37.8 56.6

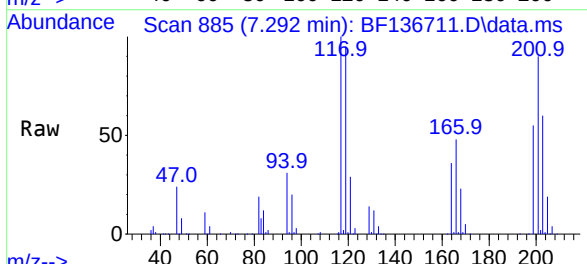
Manual Integrations

APPROVED

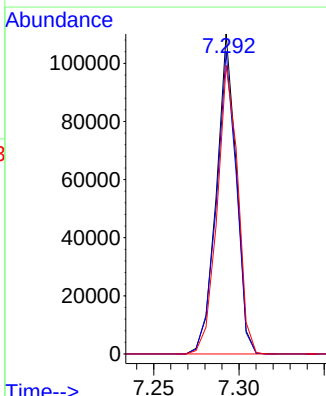
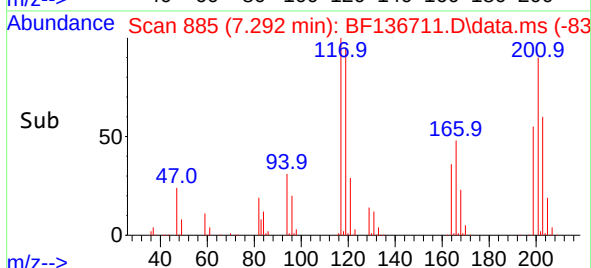
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

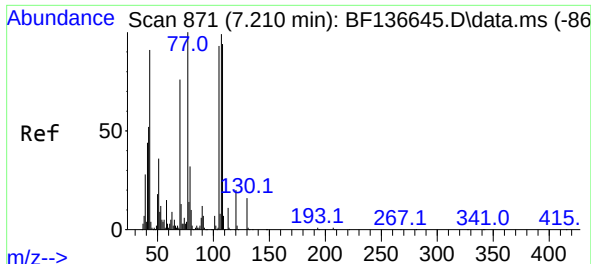


#18
Hexachloroethane
Concen: 40.413 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



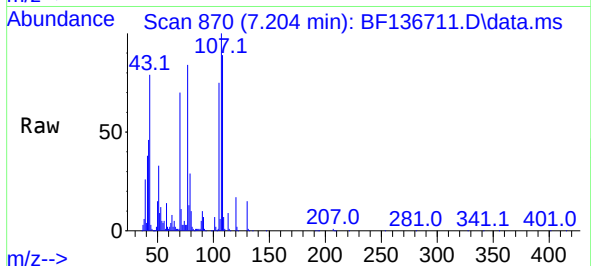
Tgt Ion:117 Resp: 89042
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.6
201 90.2 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 37.837 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

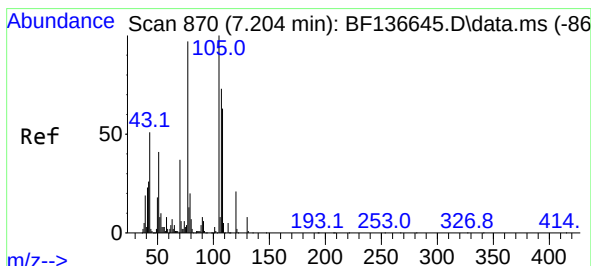
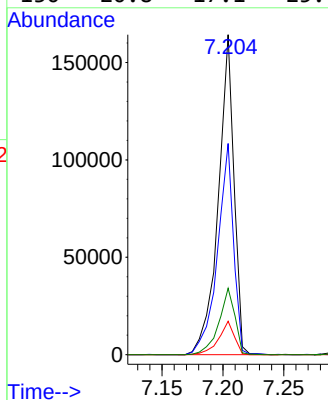
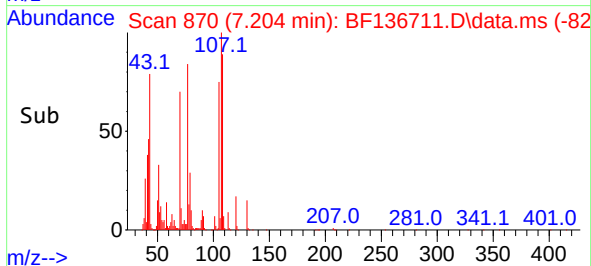
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 147819
Ion Ratio Lower Upper
70 100
42 66.0 54.2 81.4
101 10.5 7.6 11.4
130 20.8 17.1 25.7

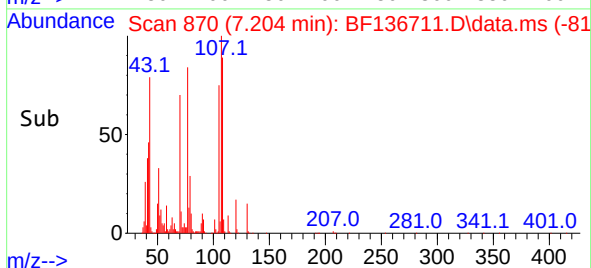
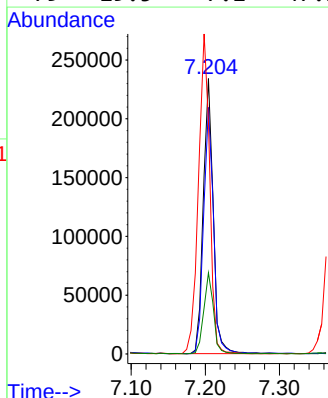
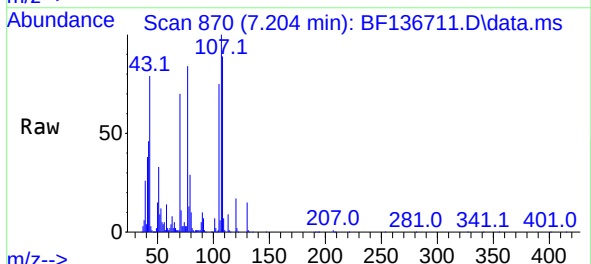
Manual Integrations
APPROVED

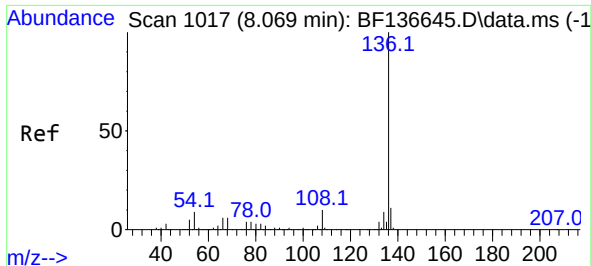
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#20
3+4-Methylphenols
Concen: 38.623 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:107 Resp: 217572
Ion Ratio Lower Upper
107 100
108 89.5 66.0 106.0
77 84.5 114.2 154.2#
79 29.5 7.2 47.2





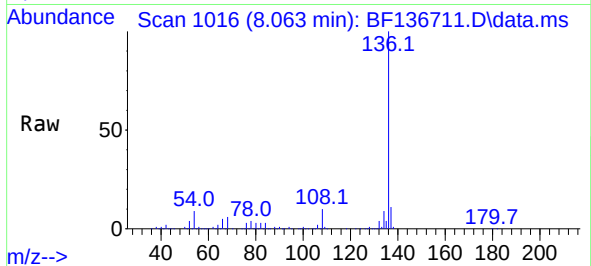
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

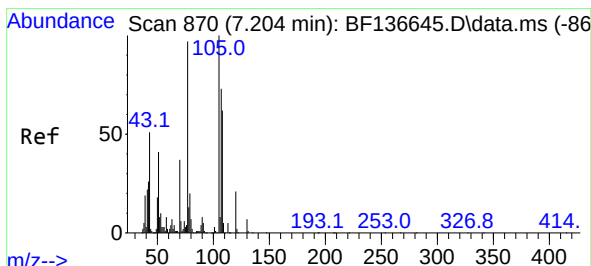
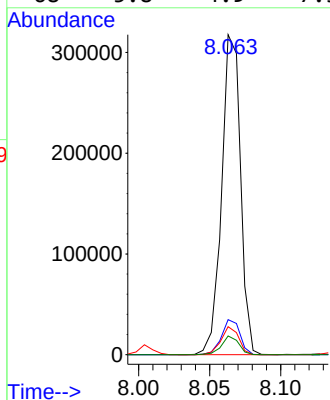
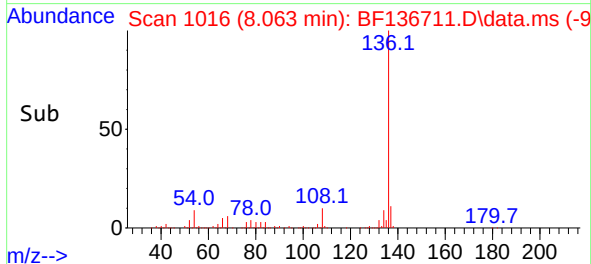


Tgt Ion:136 Resp: 293090
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.8 7.2 10.8
68 5.8 4.9 7.3

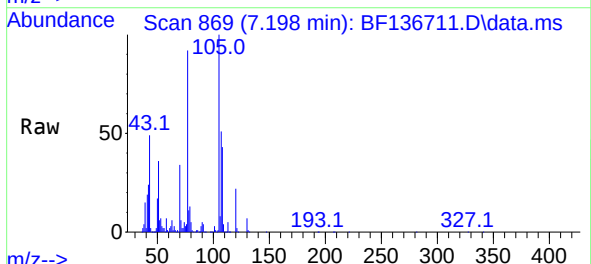
Manual Integrations

APPROVED

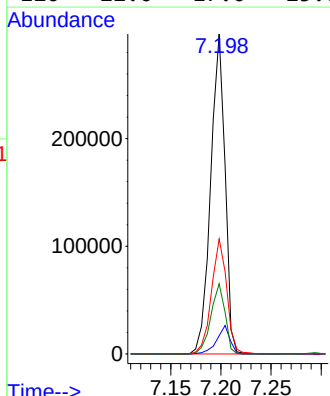
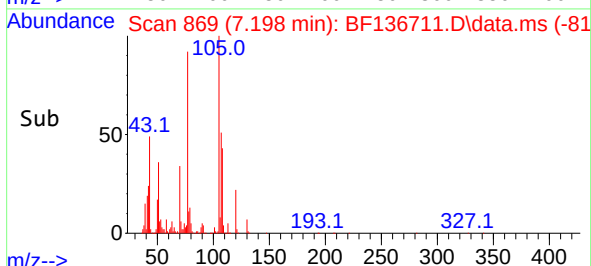
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

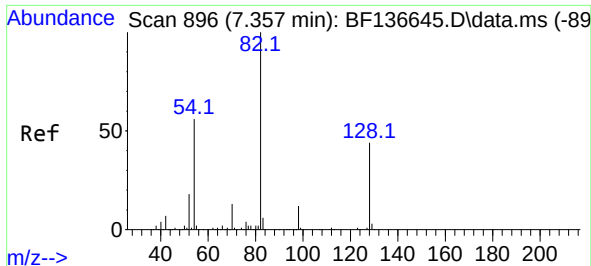


#22
Acetophenone
Concen: 40.214 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion:105 Resp: 295424
Ion Ratio Lower Upper
105 100
71 5.7 4.8 7.2
51 36.0 32.8 49.2
120 22.0 17.0 25.6





#23
Nitrobenzene-d5
Concen: 80.565 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

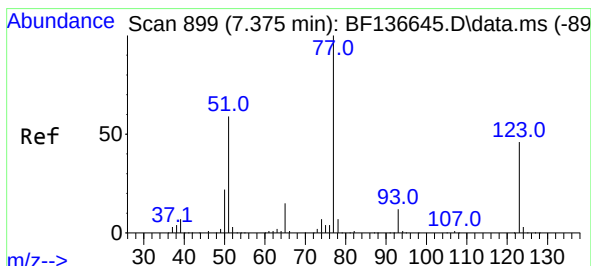
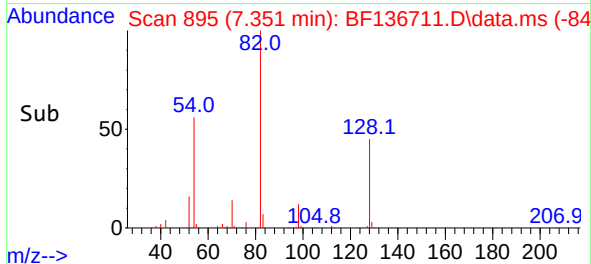
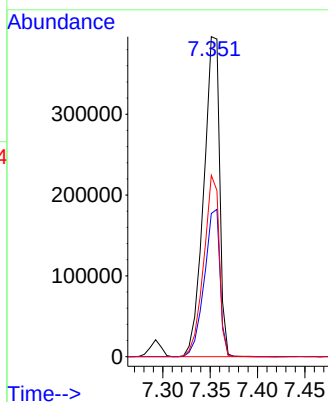
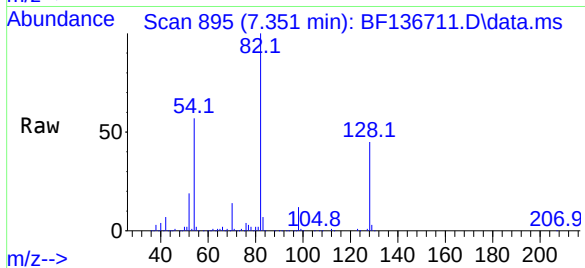
SSTDCCC040

Tgt Ion: 82 Resp: 461440
Ion Ratio Lower Upper
82 100
128 44.8 35.3 52.9
54 56.7 44.5 66.7

Manual Integrations

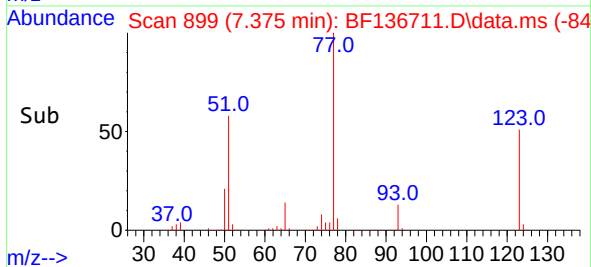
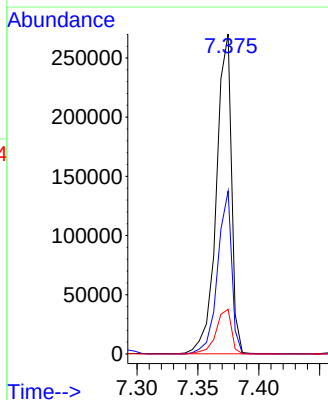
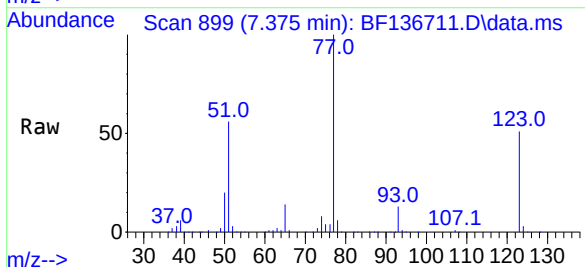
APPROVED

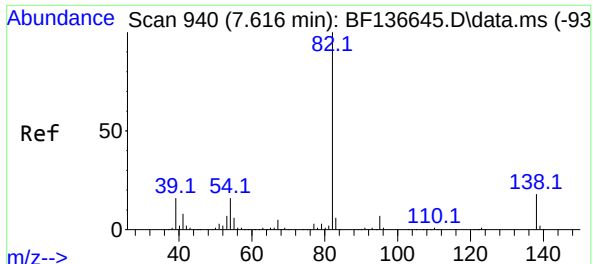
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#24
Nitrobenzene
Concen: 40.671 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion: 77 Resp: 233356
Ion Ratio Lower Upper
77 100
123 50.9 36.7 55.1
65 14.0 11.8 17.6





#25
Isophorone
Concen: 38.571 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

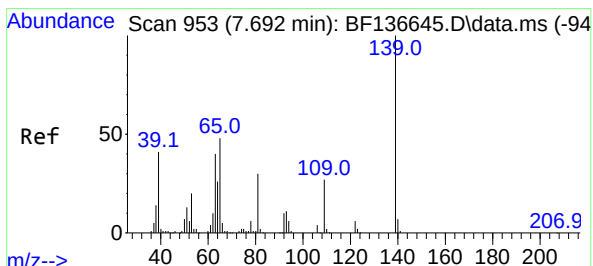
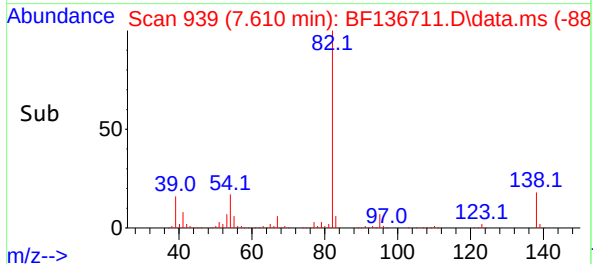
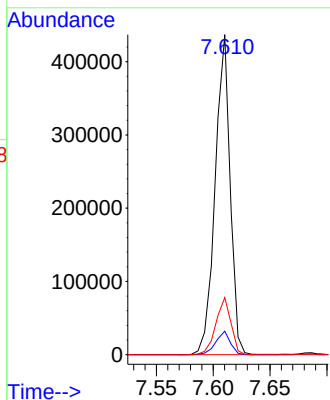
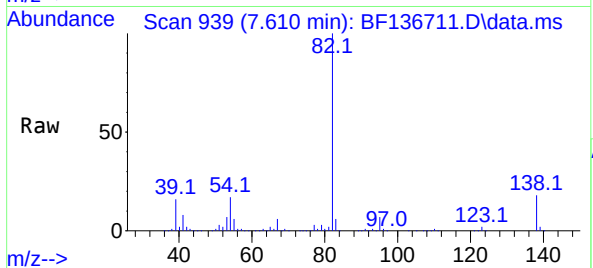
SSTDCCC040

Tgt Ion: 82 Resp: 40199
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 17.9 14.5 21.7

Manual Integrations

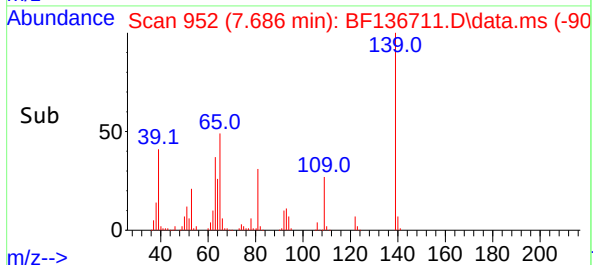
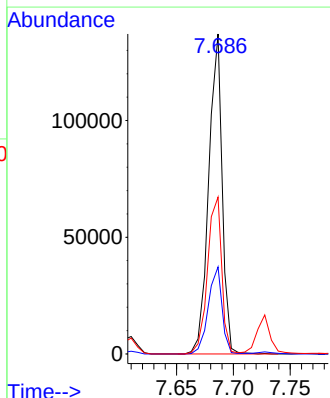
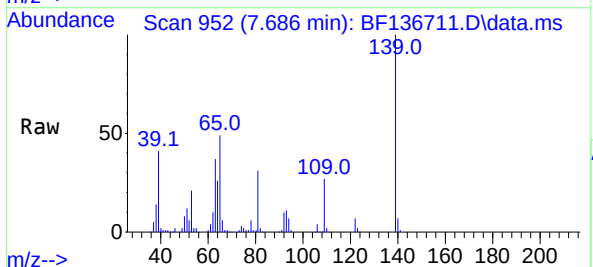
APPROVED

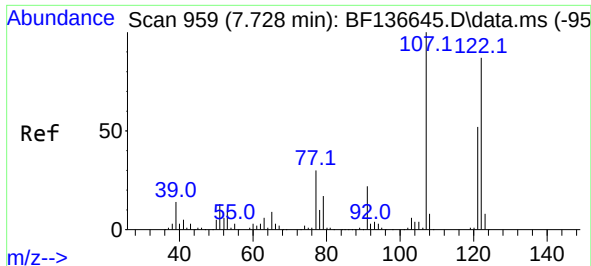
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#26
2-Nitrophenol
Concen: 41.109 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:139 Resp: 112850
Ion Ratio Lower Upper
139 100
109 27.2 21.9 32.9
65 49.0 38.6 58.0





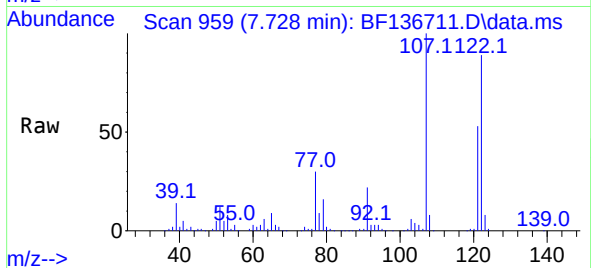
#27
2,4-Dimethylphenol
Concen: 39.800 ng
RT: 7.728 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

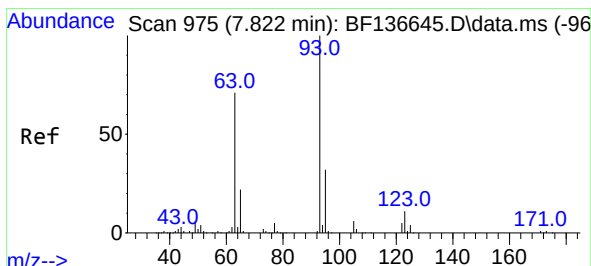
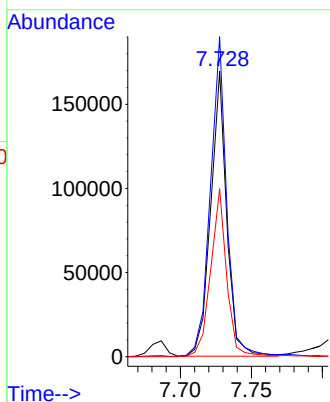
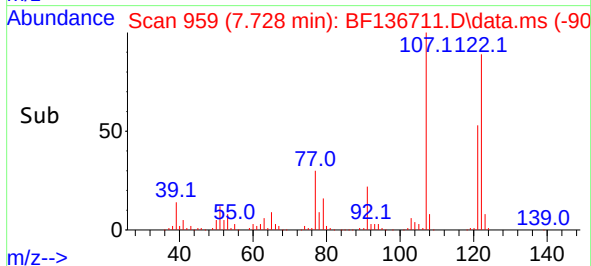


Tgt Ion:122 Resp: 133011
Ion Ratio Lower Upper
122 100
107 112.2 92.0 138.0
121 58.9 47.5 71.3

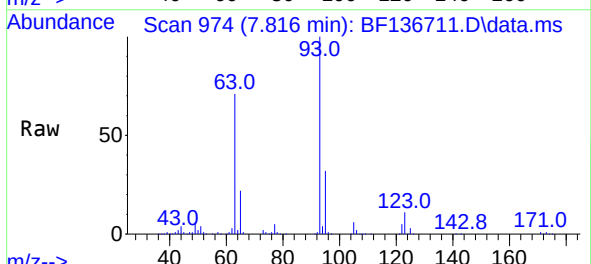
Manual Integrations

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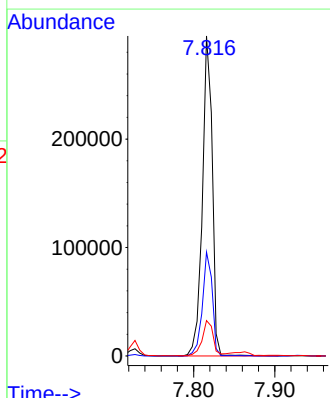
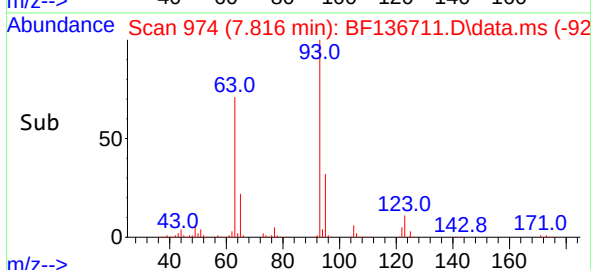
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

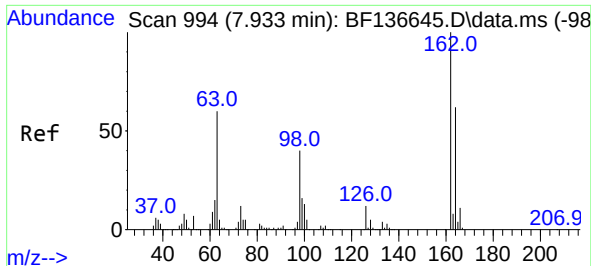


#28
bis(2-Chloroethoxy)methane
Concen: 39.374 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion: 93 Resp: 249438
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 11.1 9.2 13.8





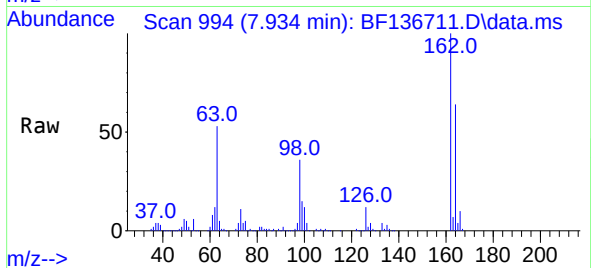
#29
2,4-Dichlorophenol
Concen: 40.508 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

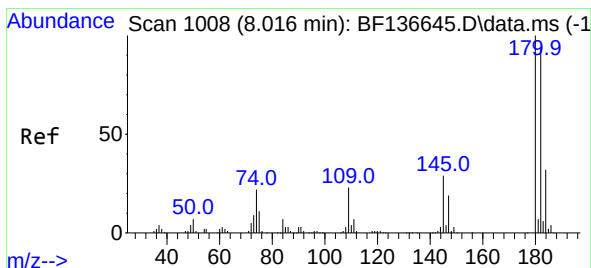
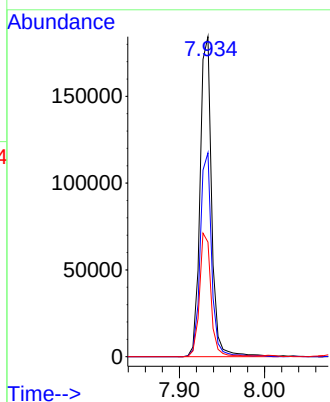
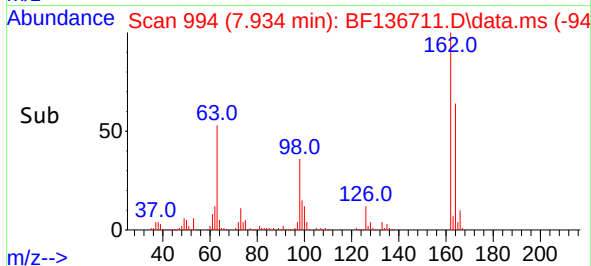


Tgt Ion:162 Resp: 174289
Ion Ratio Lower Upper
162 100
164 63.7 41.7 81.7
98 35.8 19.5 59.5

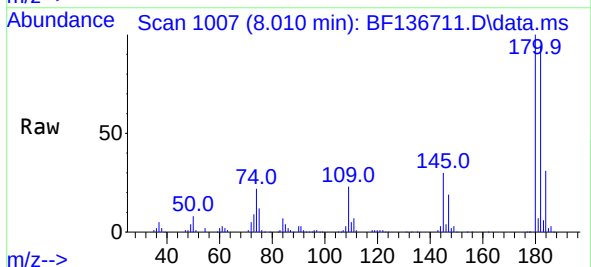
Manual Integrations

APPROVED

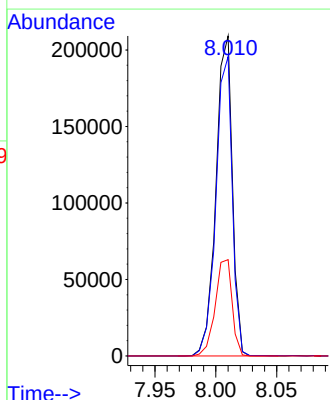
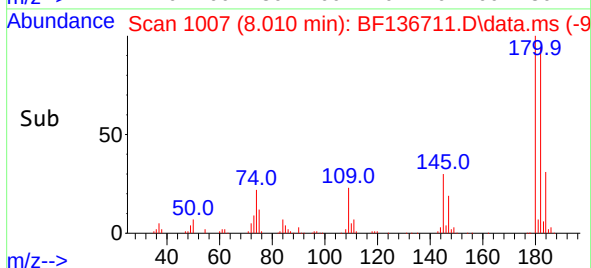
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

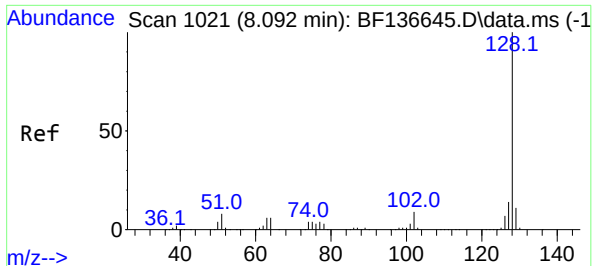


#30
1,2,4-Trichlorobenzene
Concen: 40.923 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



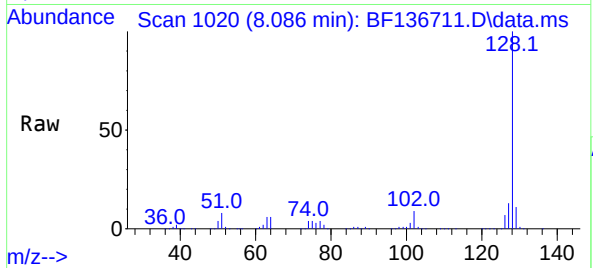
Tgt Ion:180 Resp: 196178
Ion Ratio Lower Upper
180 100
182 93.5 75.4 113.0
145 30.1 23.1 34.7





#31
Naphthalene
Concen: 40.304 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

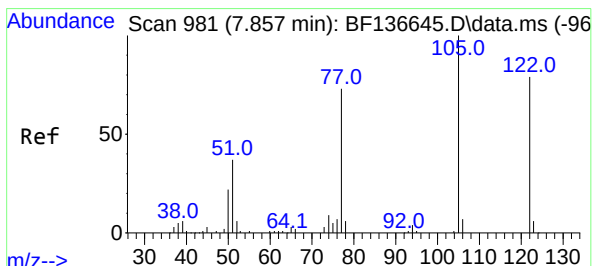
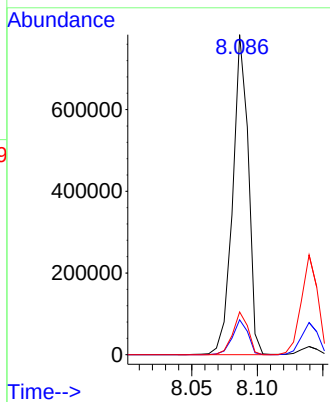
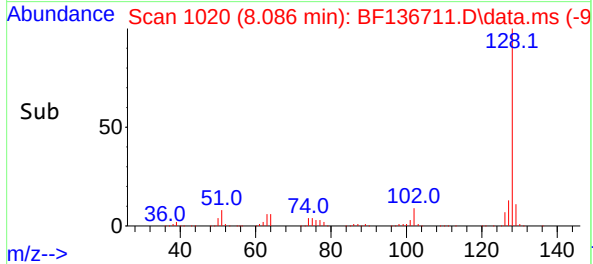
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 648954
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.8 16.2

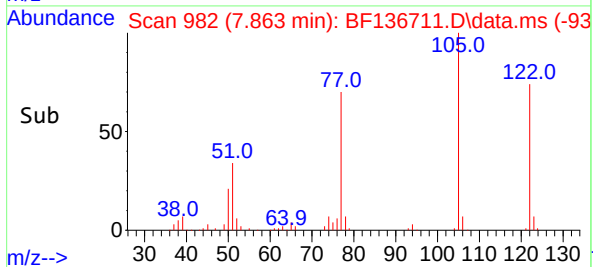
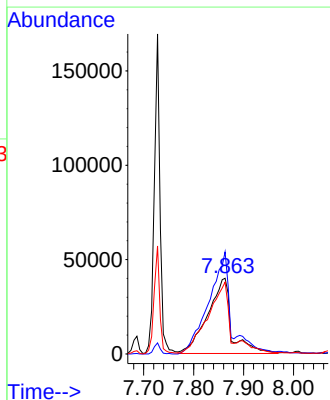
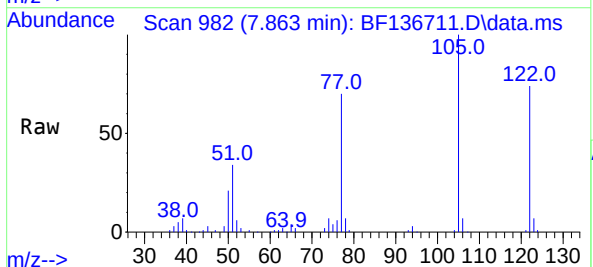
Manual Integrations
APPROVED

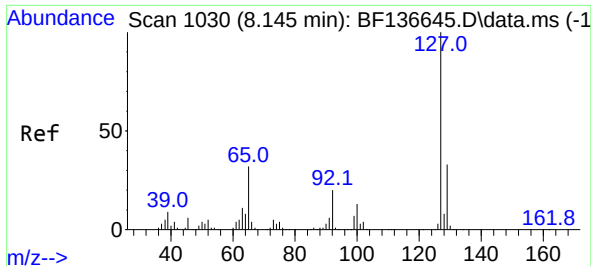
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#32
Benzoic acid
Concen: 41.033 ng m
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:122 Resp: 132685
Ion Ratio Lower Upper
122 100
105 134.7 100.8 140.8
77 94.8 70.9 110.9





#33

4-Chloroaniline

Concen: 37.523 ng

RT: 8.139 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF136711.D

Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 223070

Ion Ratio Lower Upper

127 100

129 32.1 26.3 39.5

65 32.1 25.8 38.8

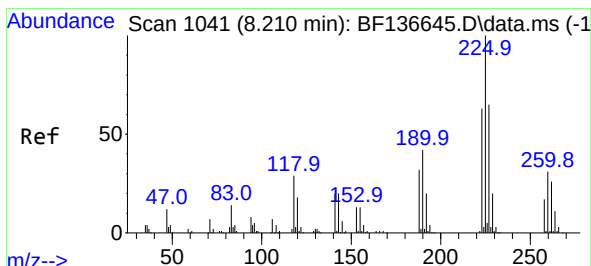
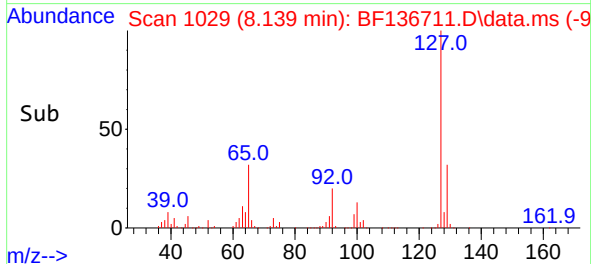
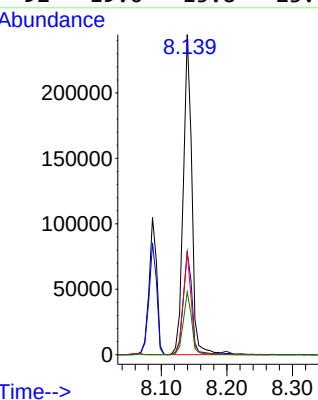
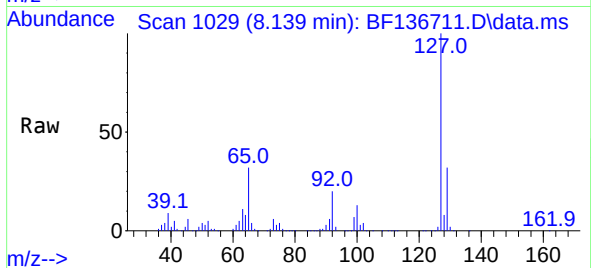
92 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#34

Hexachlorobutadiene

Concen: 40.726 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.012 min

Lab File: BF136711.D

Acq: 26 Dec 2023 10:44

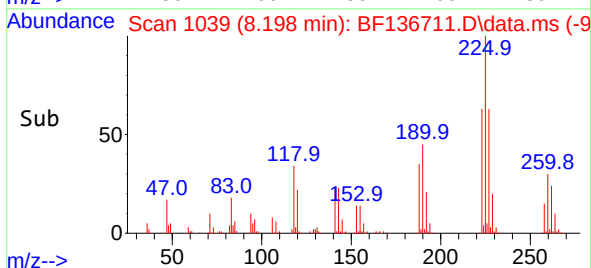
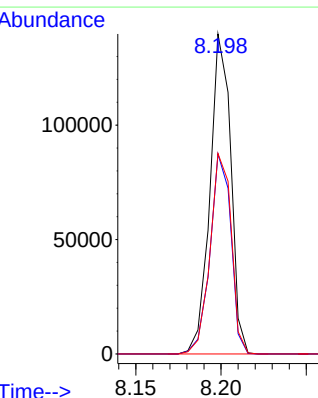
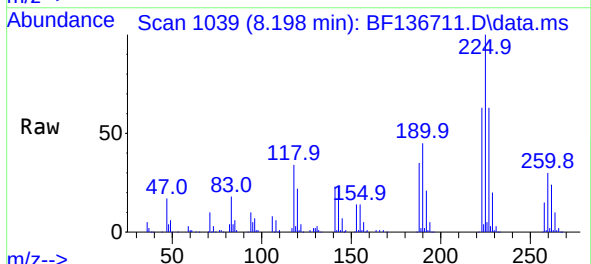
Tgt Ion:225 Resp: 118617

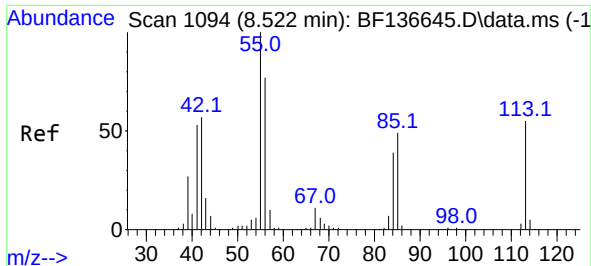
Ion Ratio Lower Upper

225 100

223 62.5 50.6 76.0

227 62.7 51.9 77.9





#35
Caprolactam
Concen: 37.632 ng
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

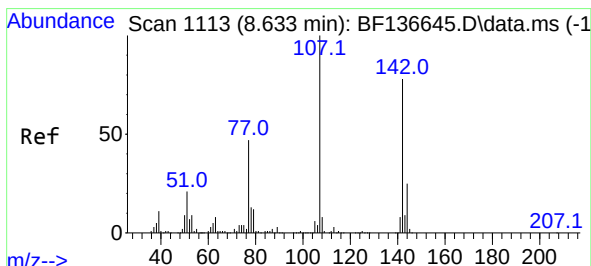
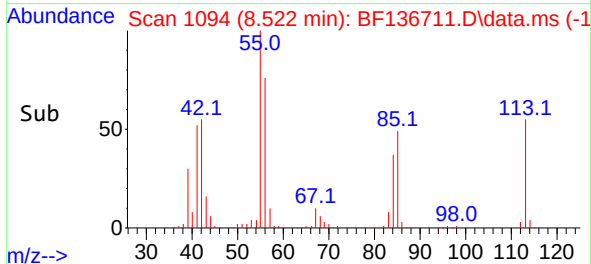
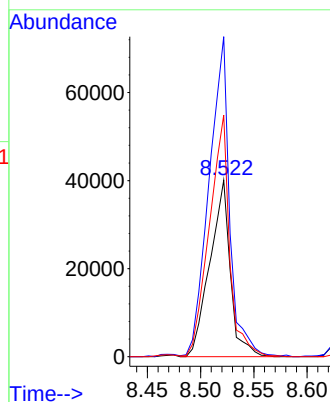
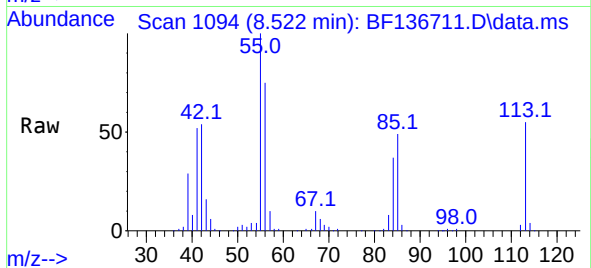
SSTDCCC040

Tgt Ion:113 Resp: 53414
Ion Ratio Lower Upper
113 100
55 181.3 163.1 203.1
56 136.9 121.7 161.7

Manual Integrations

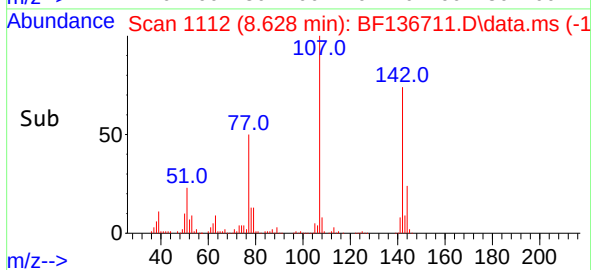
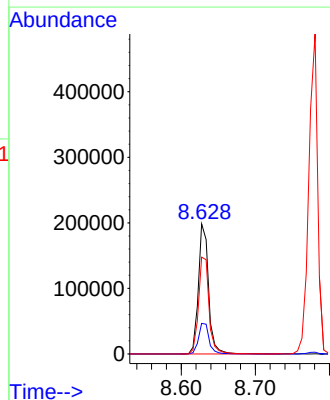
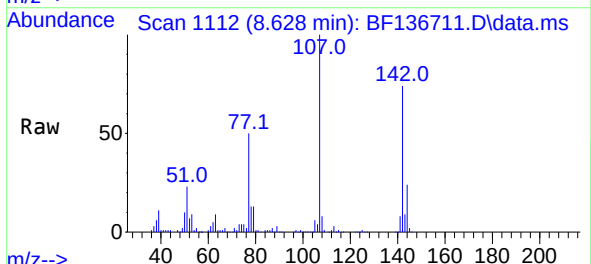
APPROVED

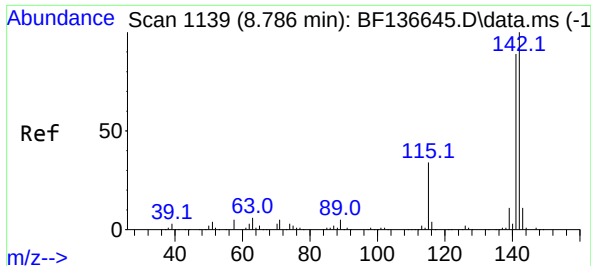
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#36
4-Chloro-3-methylphenol
Concen: 38.907 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:107 Resp: 188455
Ion Ratio Lower Upper
107 100
144 23.5 20.2 30.2
142 74.5 62.3 93.5





#37
2-Methylnaphthalene
Concen: 38.952 ng
RT: 8.781 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

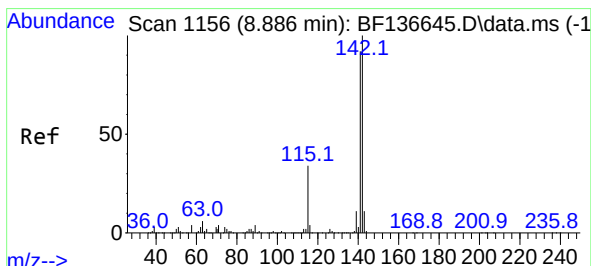
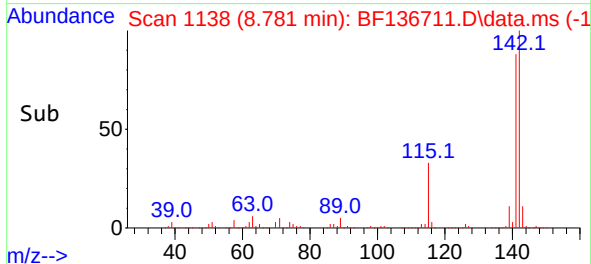
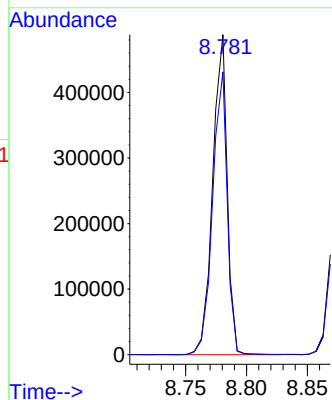
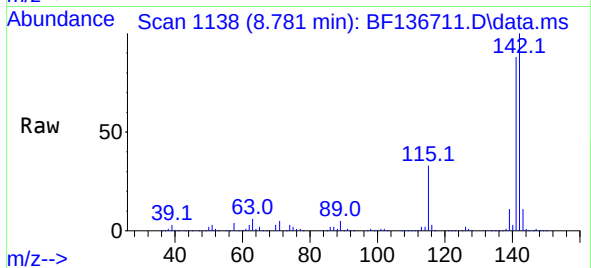
SSTDCCC040

Tgt Ion:142 Resp: 403639
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7

Manual Integrations

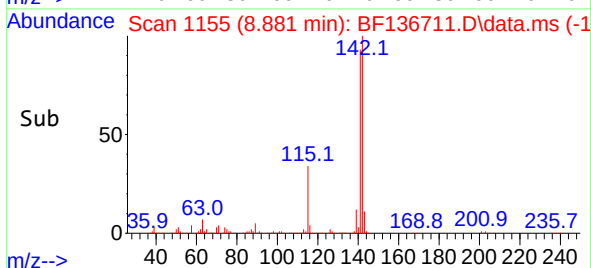
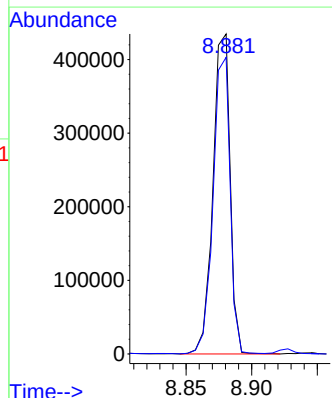
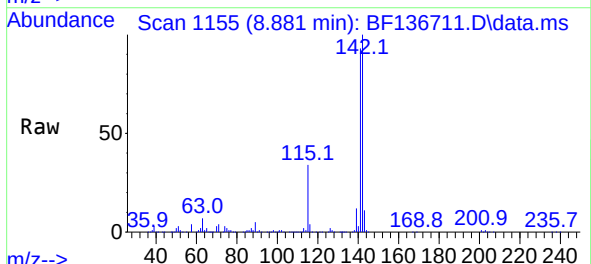
APPROVED

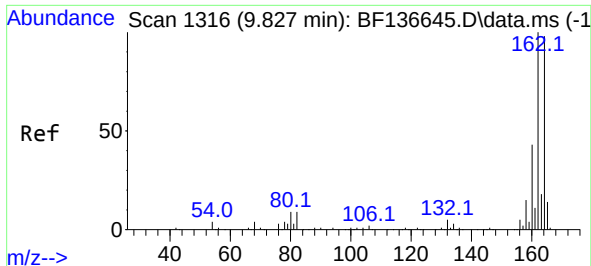
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#38
1-Methylnaphthalene
Concen: 38.909 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:142 Resp: 395565
Ion Ratio Lower Upper
142 100
141 92.7 73.6 110.4





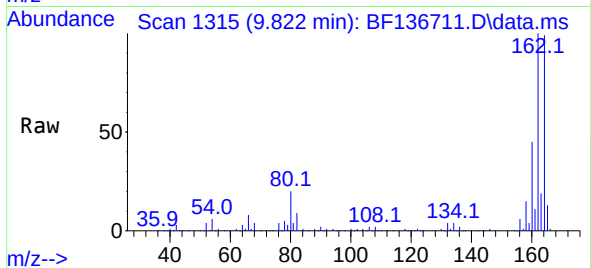
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

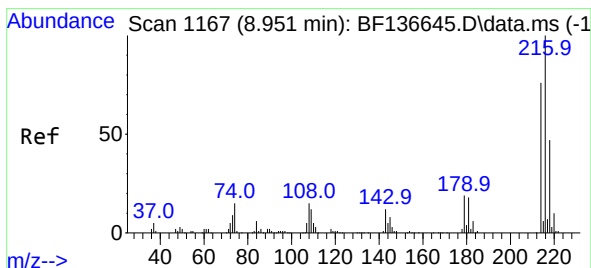
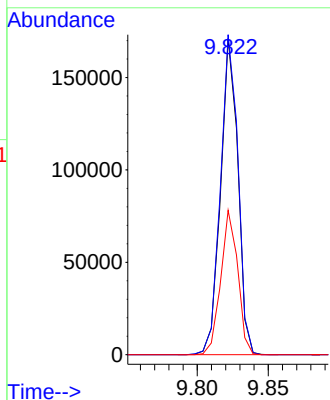
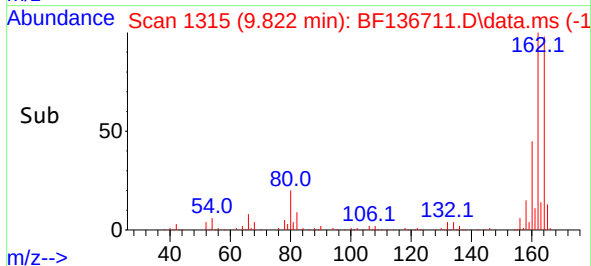


Tgt Ion:164 Resp: 14447
Ion Ratio Lower Upper
164 100
162 101.2 81.6 122.4
160 45.7 34.9 52.3

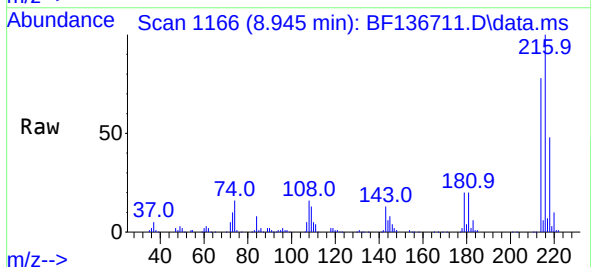
Manual Integrations

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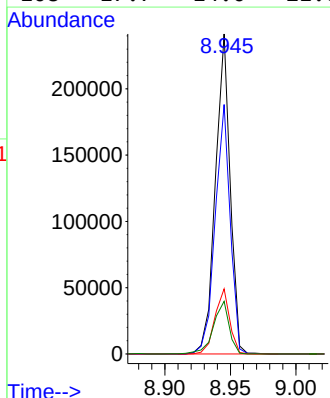
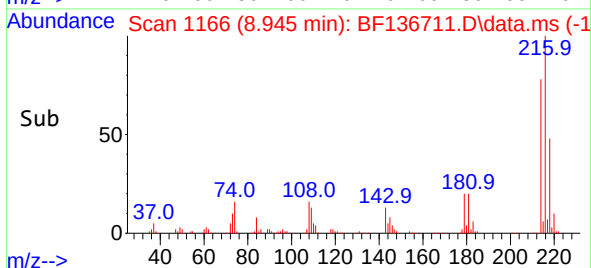
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

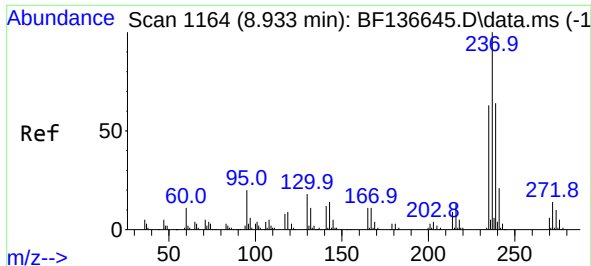


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.095 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion:216 Resp: 188339
Ion Ratio Lower Upper
216 100
214 79.3 62.3 93.5
179 20.5 16.4 24.6
108 17.7 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 34.961 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

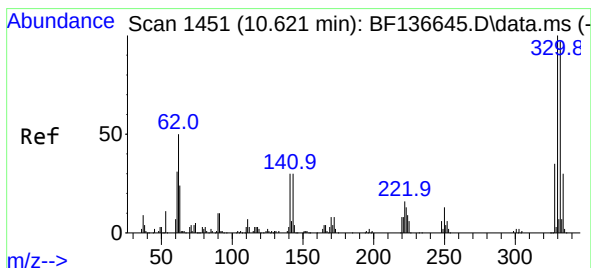
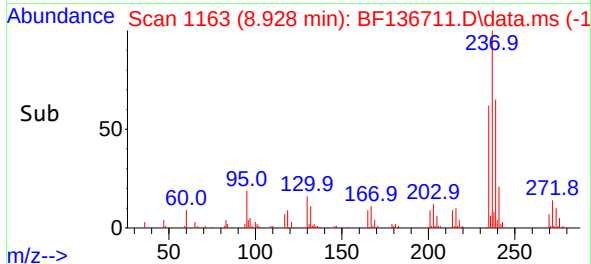
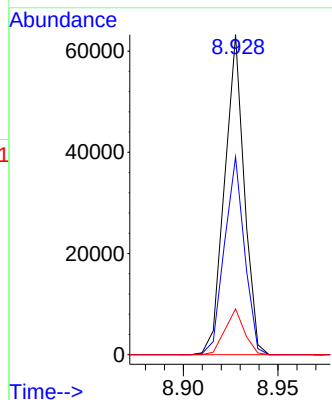
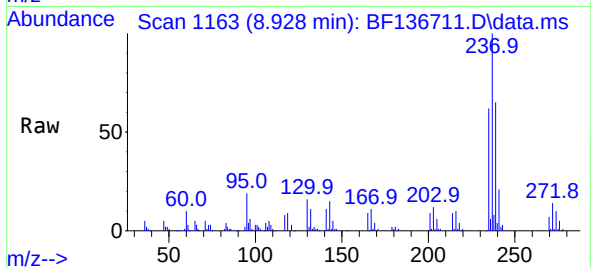
SSTDCCC040

Tgt Ion:237 Resp: 45684
Ion Ratio Lower Upper
237 100
235 61.8 43.2 83.2
272 14.3 0.0 34.2

Manual Integrations

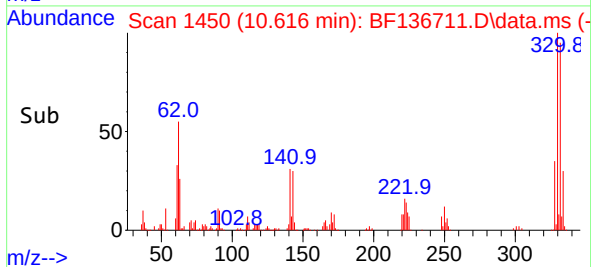
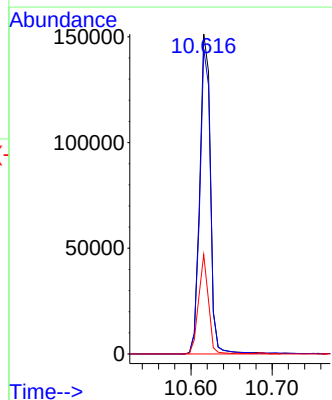
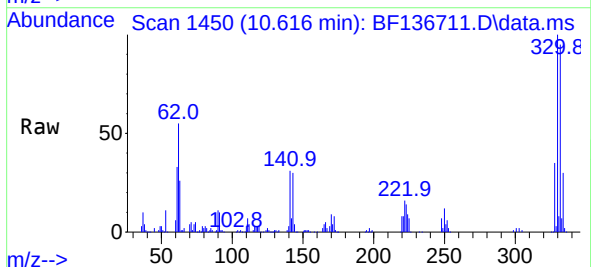
APPROVED

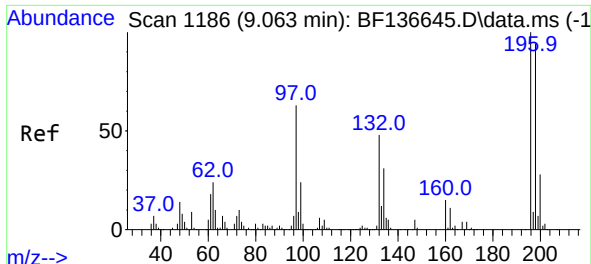
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#42
2,4,6-Tribromophenol
Concen: 81.739 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:330 Resp: 139076
Ion Ratio Lower Upper
330 100
332 94.9 77.4 116.0
141 28.7 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 42.183 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

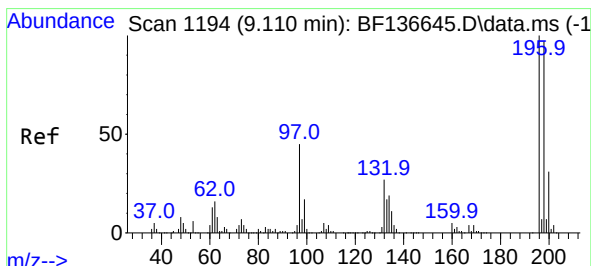
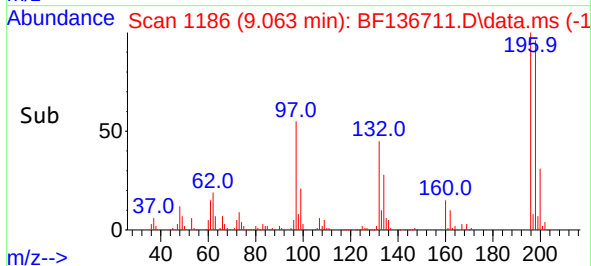
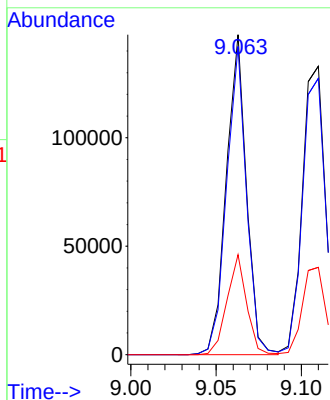
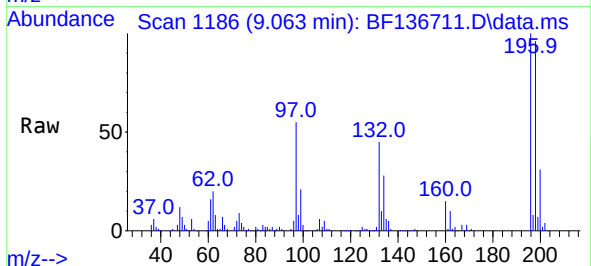
SSTDCCC040

Tgt Ion:196 Resp: 121040
Ion Ratio Lower Upper
196 100
198 96.4 75.1 112.7
200 31.3 22.5 33.7

Manual Integrations

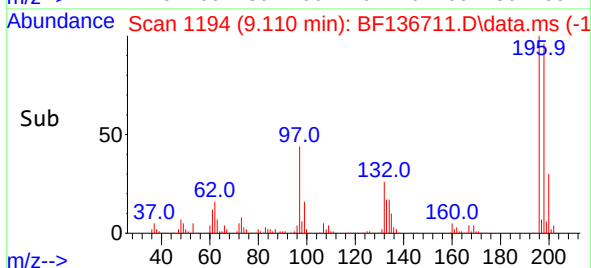
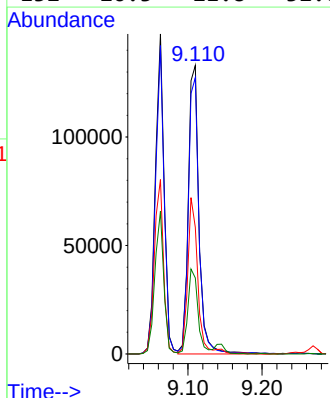
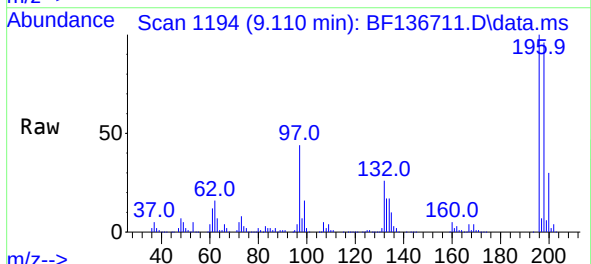
APPROVED

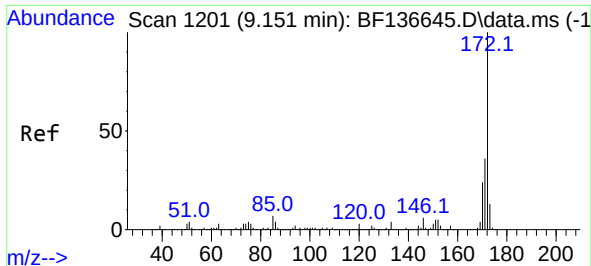
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#44
2,4,5-Trichlorophenol
Concen: 42.005 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:196 Resp: 134311
Ion Ratio Lower Upper
196 100
198 95.8 77.0 115.6
97 43.8 36.1 54.1
132 26.3 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 80.823 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136711.D

Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 868159

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

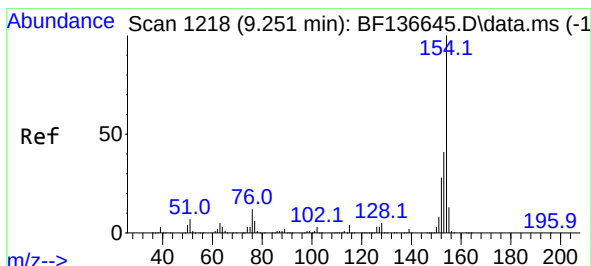
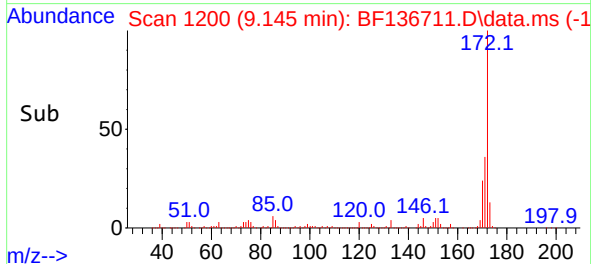
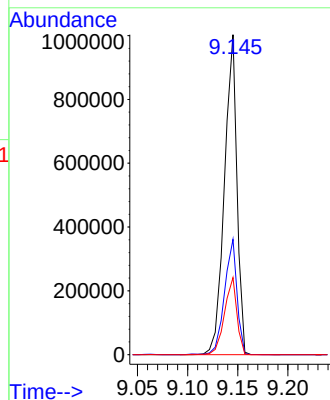
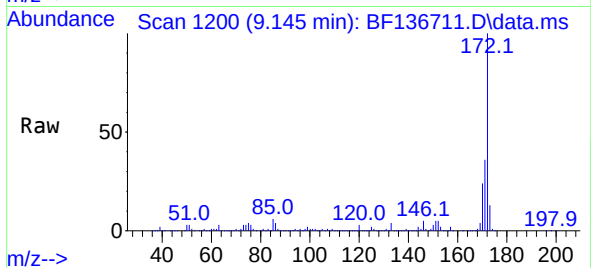
170 24.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#46

1,1'-Biphenyl

Concen: 40.970 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136711.D

Acq: 26 Dec 2023 10:44

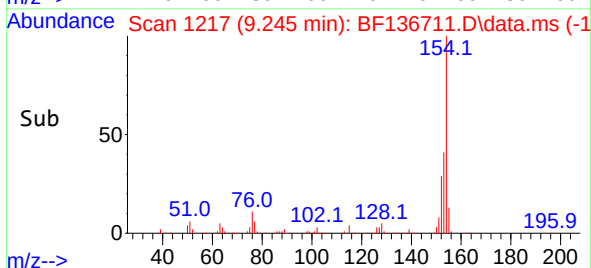
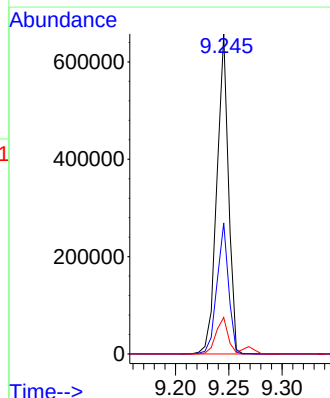
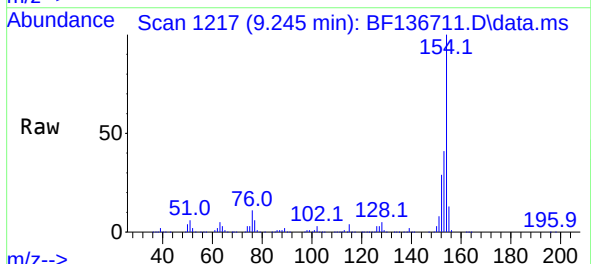
Tgt Ion:154 Resp: 496694

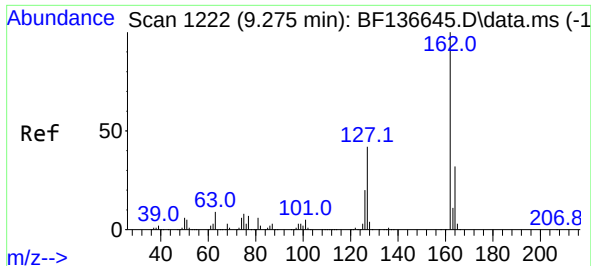
Ion Ratio Lower Upper

154 100

153 40.9 21.1 61.1

76 11.4 0.0 31.7





#47
2-Chloronaphthalene
Concen: 40.978 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

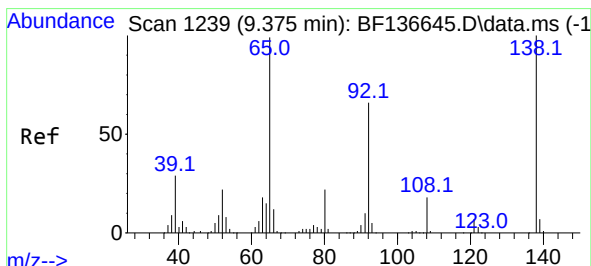
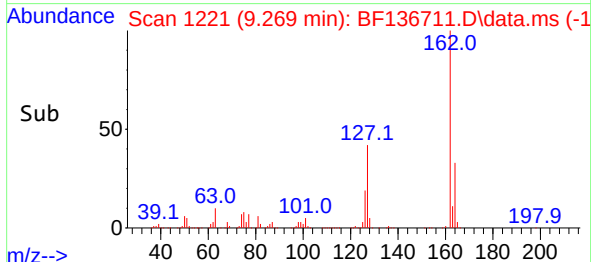
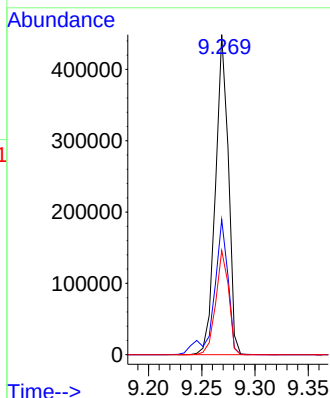
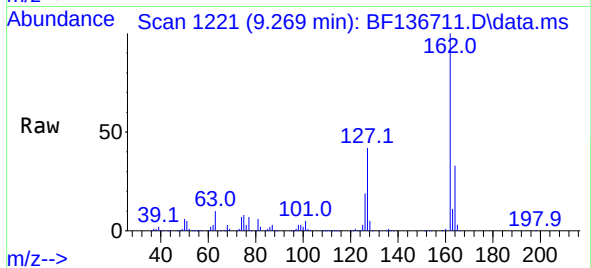
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 377664
Ion Ratio Lower Upper
162 100
127 42.2 33.6 50.4
164 32.6 25.7 38.5

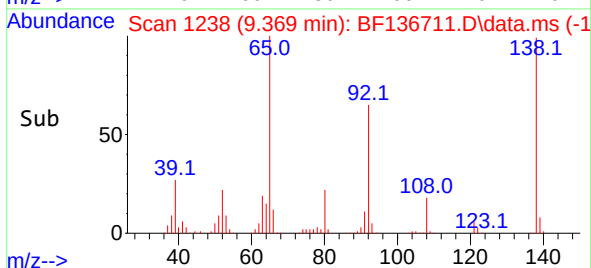
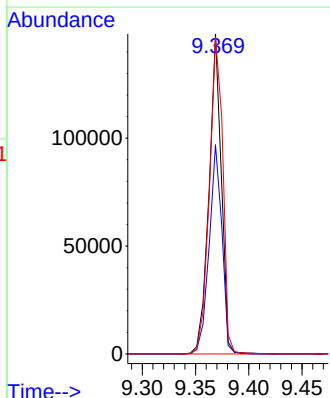
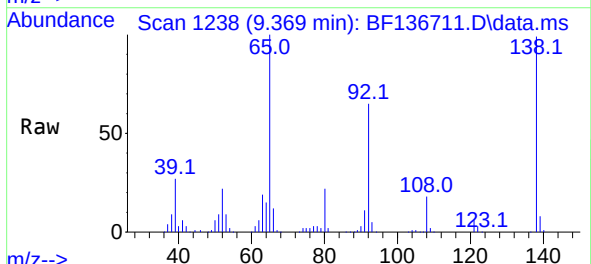
Manual Integrations
APPROVED

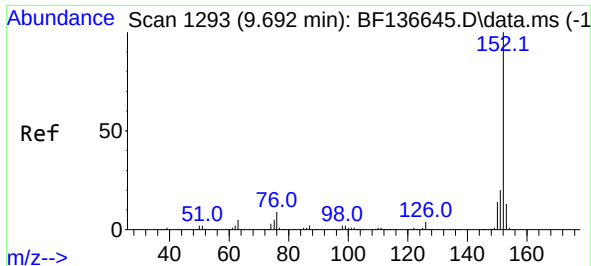
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#48
2-Nitroaniline
Concen: 41.500 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion: 65 Resp: 119771
Ion Ratio Lower Upper
65 100
92 65.4 53.2 79.8
138 99.0 81.1 121.7





#49

Acenaphthylene

Concen: 41.243 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136711.D

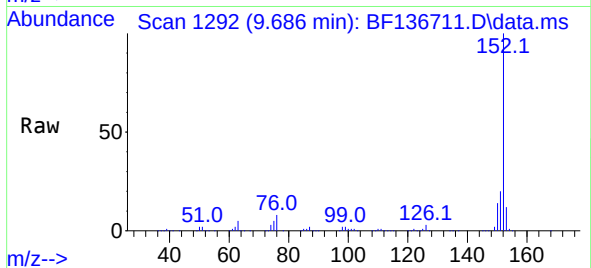
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 58099

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

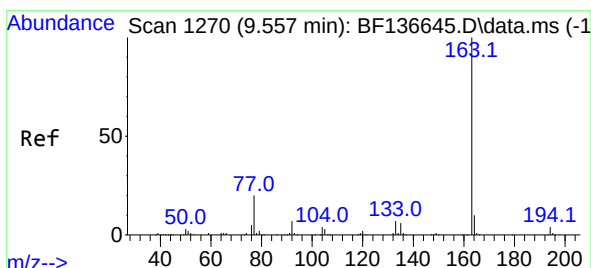
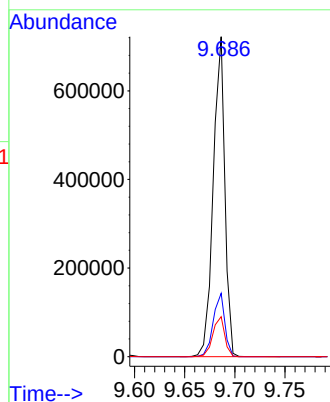
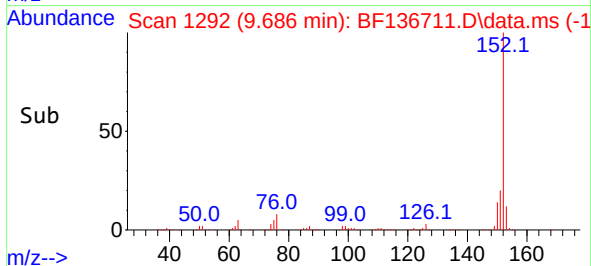
153 12.5 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#50

Dimethylphthalate

Concen: 39.754 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF136711.D

Acq: 26 Dec 2023 10:44

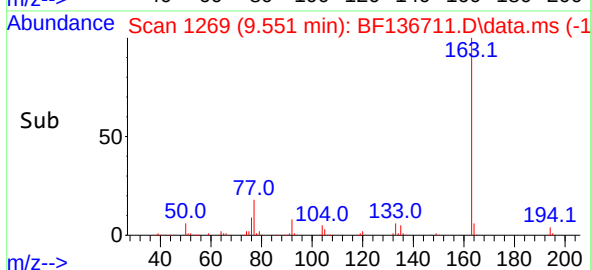
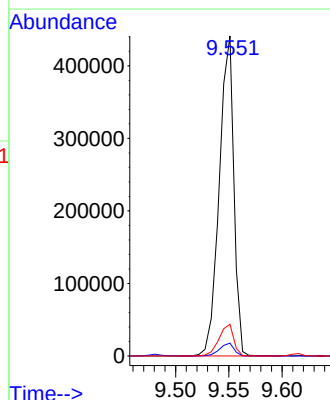
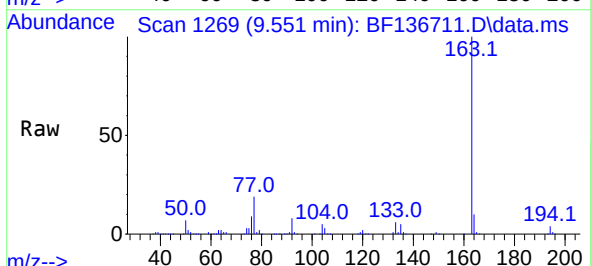
Tgt Ion:163 Resp: 419506

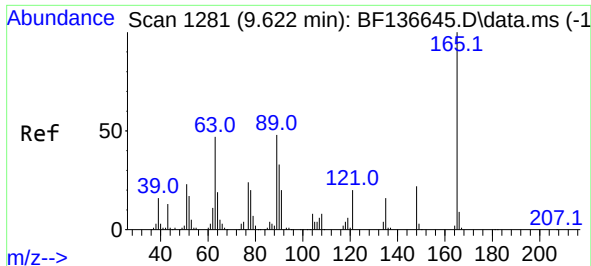
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.9 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 40.447 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

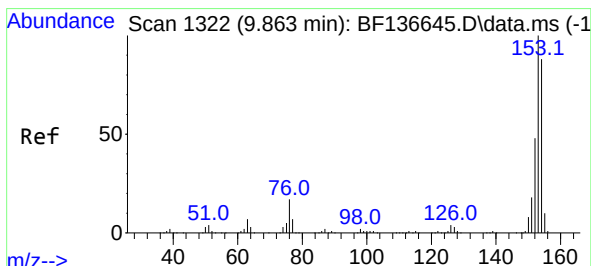
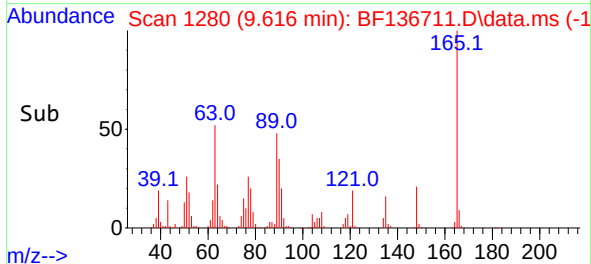
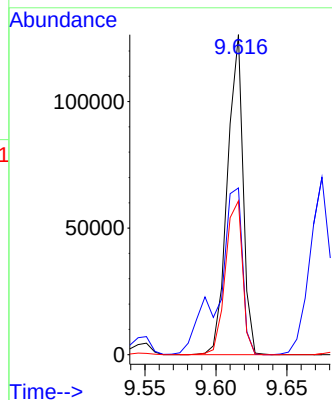
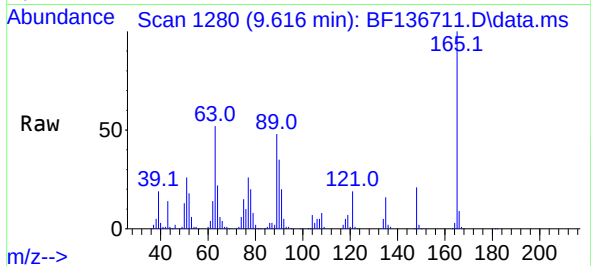
SSTDCCC040

Tgt Ion:165 Resp: 9686
Ion Ratio Lower Upper
165 100
63 52.1 39.8 59.6
89 48.1 38.8 58.2

Manual Integrations

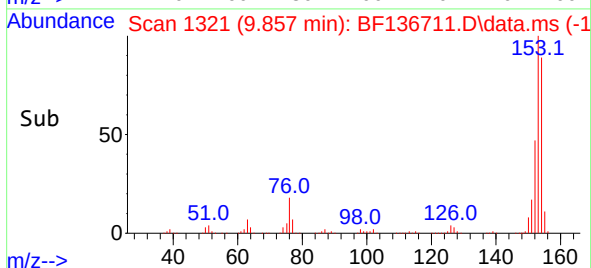
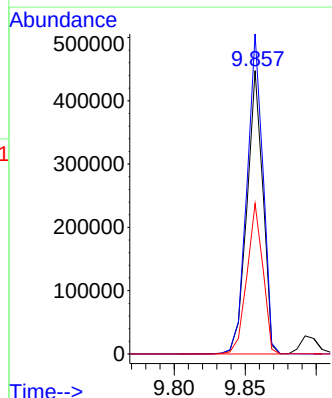
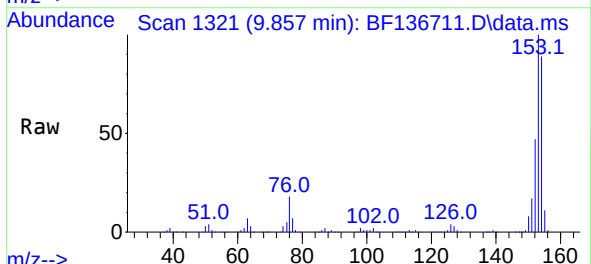
APPROVED

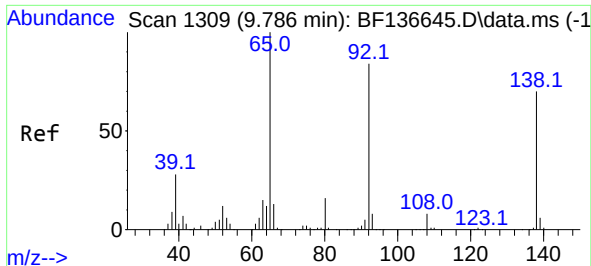
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#52
Acenaphthene
Concen: 40.305 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:154 Resp: 351953
Ion Ratio Lower Upper
154 100
153 112.9 90.7 136.1
152 53.1 43.7 65.5





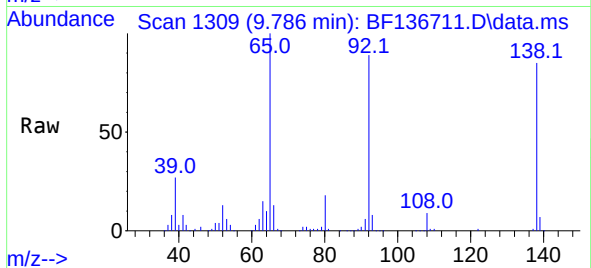
#53
3-Nitroaniline
Concen: 40.298 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

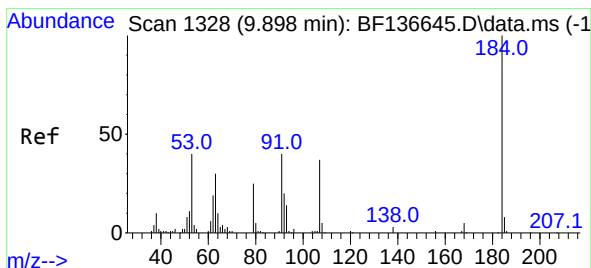
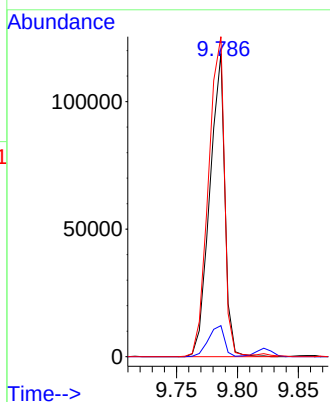
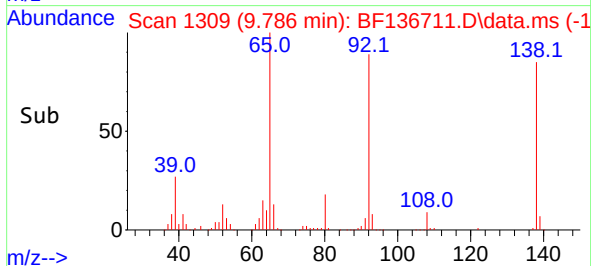


Tgt Ion:138 Resp: 102235
Ion Ratio Lower Upper
138 100
108 10.2 8.6 12.8
92 105.6 95.2 142.8

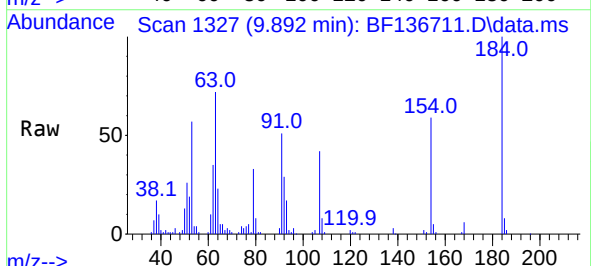
Manual Integrations

APPROVED

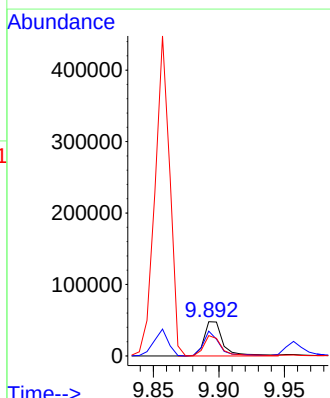
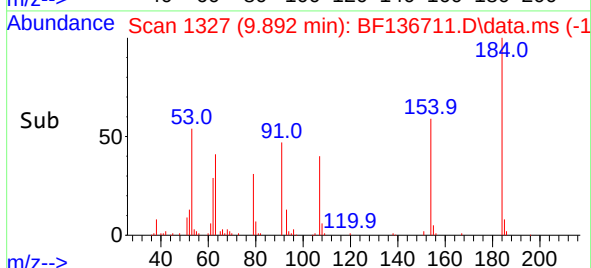
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

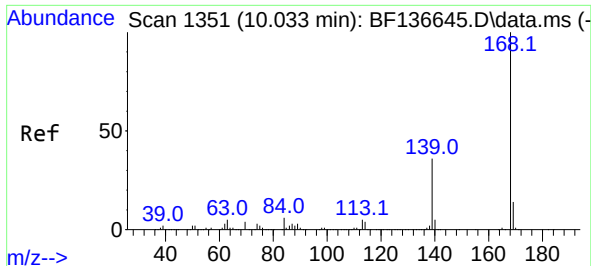


#54
2,4-Dinitrophenol
Concen: 38.407 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion:184 Resp: 48274
Ion Ratio Lower Upper
184 100
63 72.2 40.9 61.3#
154 59.3 42.7 64.1





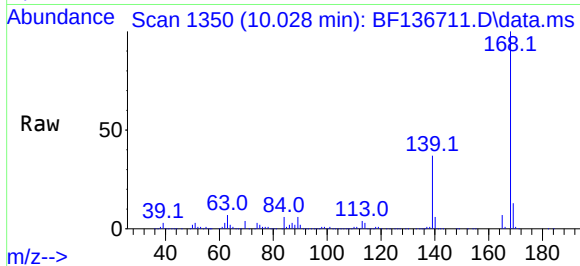
#55
Dibenzenofuran
Concen: 39.932 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

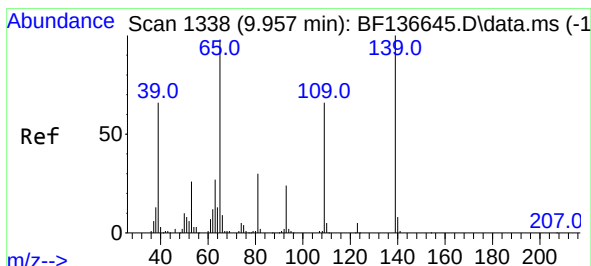
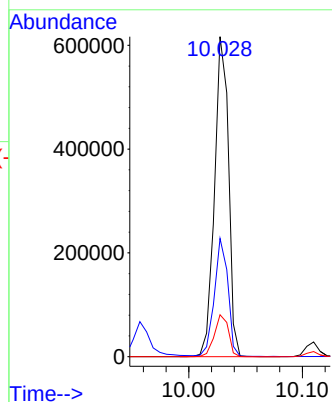
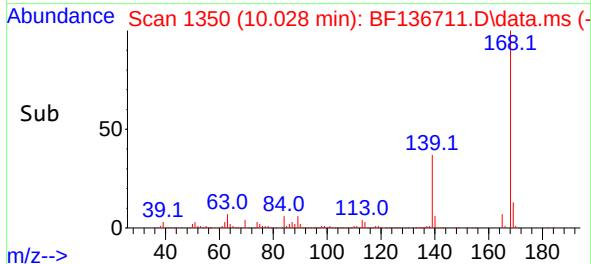


Tgt Ion:168 Resp: 528579
Ion Ratio Lower Upper
168 100
139 36.9 29.3 43.9
169 13.1 11.0 16.4

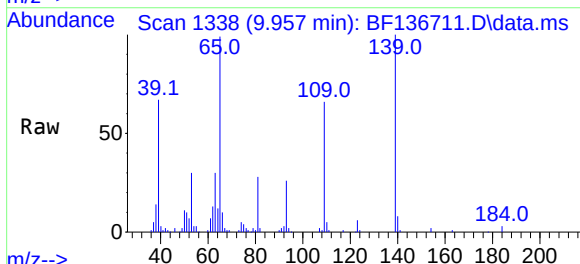
Manual Integrations

APPROVED

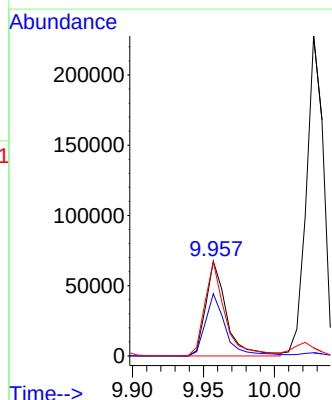
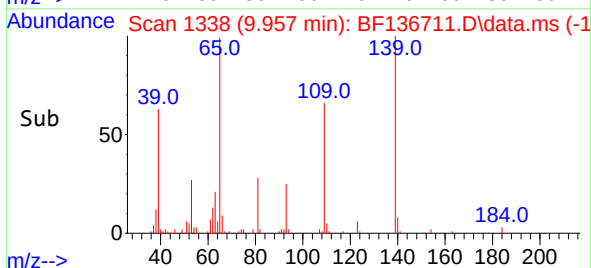
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

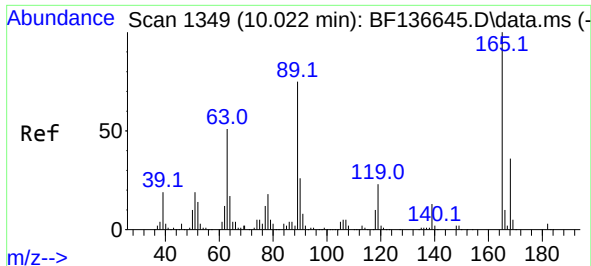


#56
4-Nitrophenol
Concen: 39.705 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion:139 Resp: 67998
Ion Ratio Lower Upper
139 100
109 65.7 45.8 85.8
65 99.4 77.8 117.8





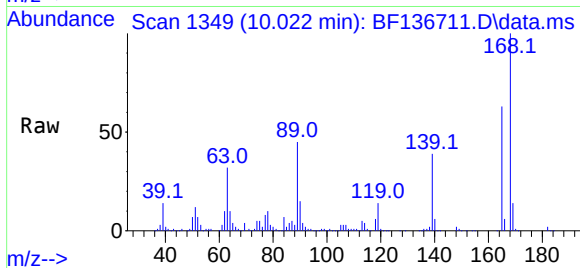
#57
2,4-Dinitrotoluene
Concen: 39.891 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

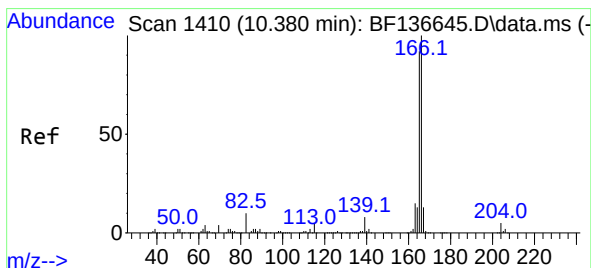
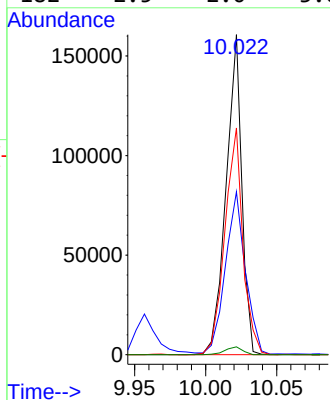
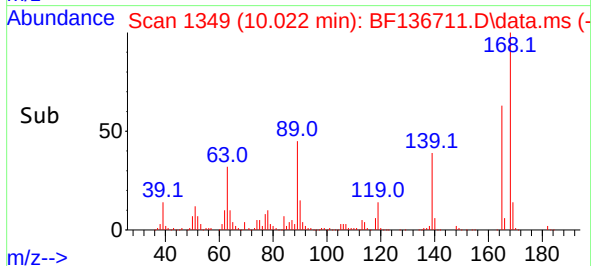


Tgt Ion:165 Resp: 124023
Ion Ratio Lower Upper
165 100
63 50.9 41.0 61.6
89 70.9 59.9 89.9
182 2.5 2.0 3.0

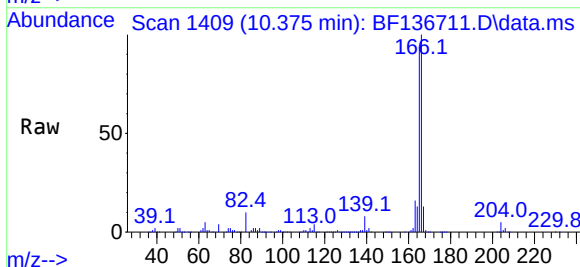
Manual Integrations

APPROVED

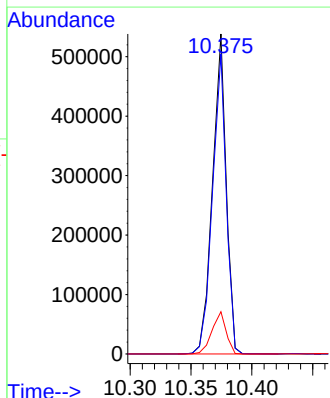
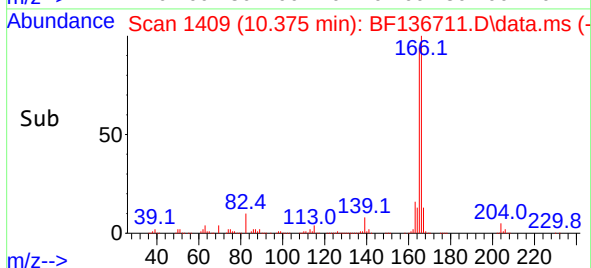
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

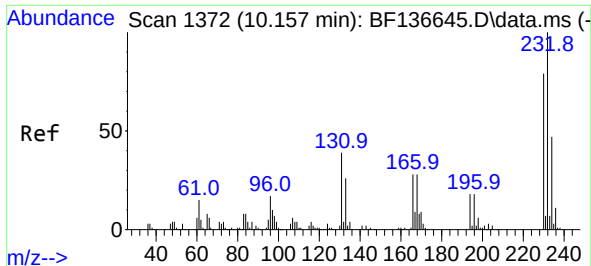


#58
Fluorene
Concen: 40.070 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion:166 Resp: 420856
Ion Ratio Lower Upper
166 100
165 93.8 73.7 110.5
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.767 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

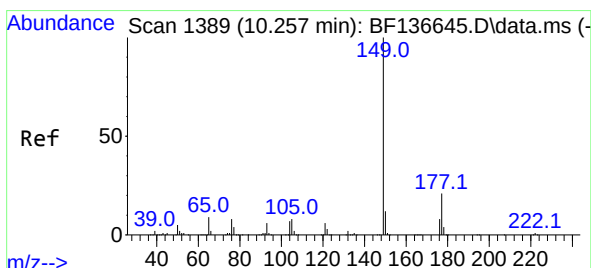
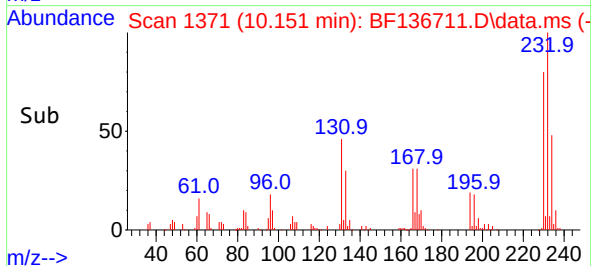
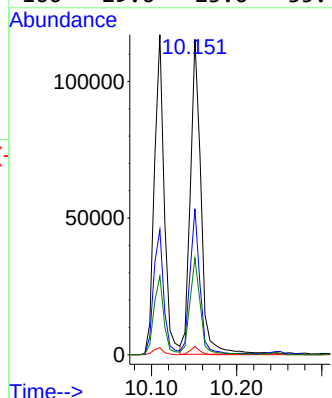
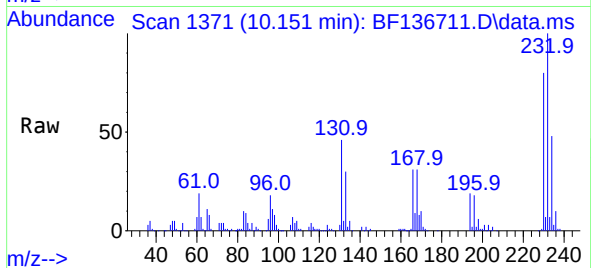
SSTDCCC040

Tgt Ion:232 Resp: 10034
Ion Ratio Lower Upper
232 100
131 43.9 35.1 52.7
130 2.3 1.6 2.4
166 29.6 23.6 35.4

Manual Integrations

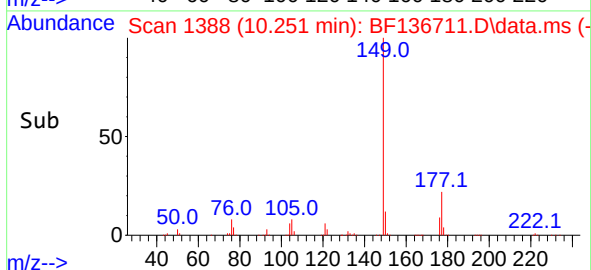
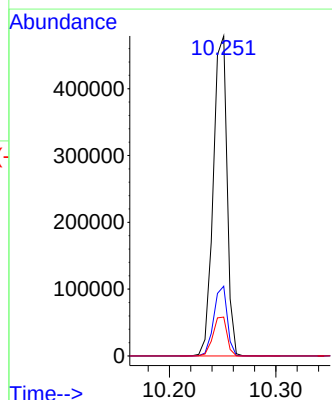
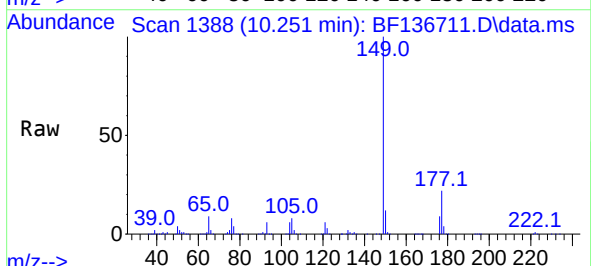
APPROVED

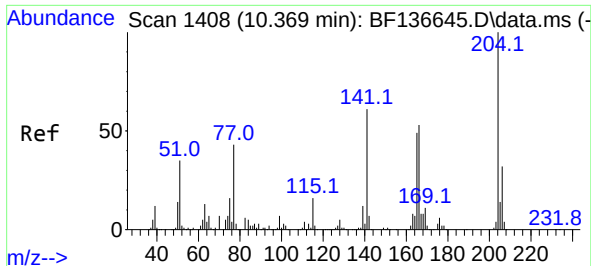
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#60
Diethylphthalate
Concen: 39.256 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:149 Resp: 429813
Ion Ratio Lower Upper
149 100
177 21.8 16.9 25.3
150 12.2 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 39.859 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

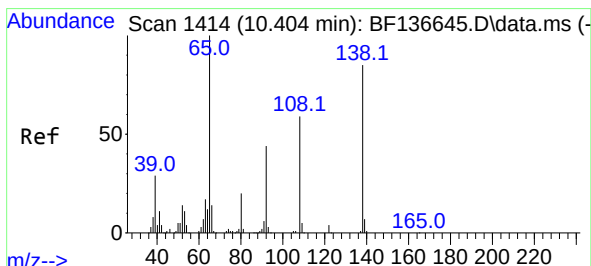
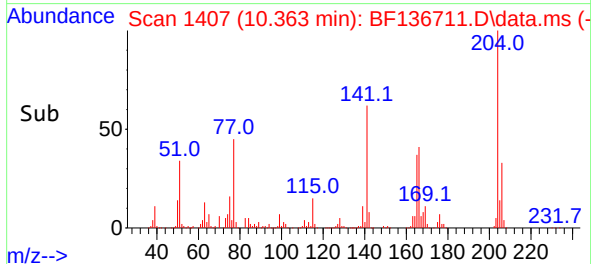
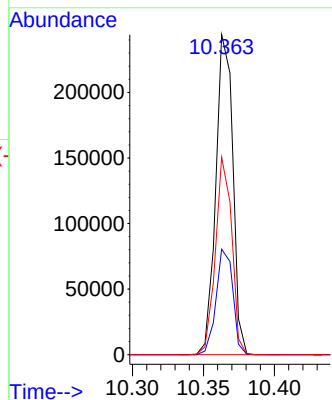
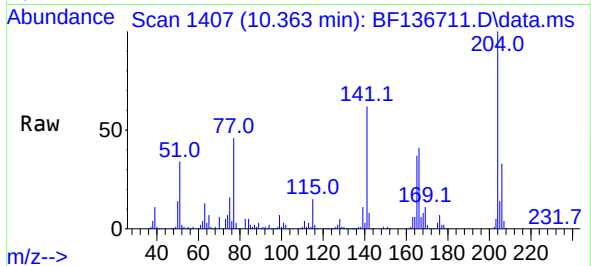
SSTDCCC040

Tgt Ion:204 Resp: 203488
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 61.7 48.4 72.6

Manual Integrations

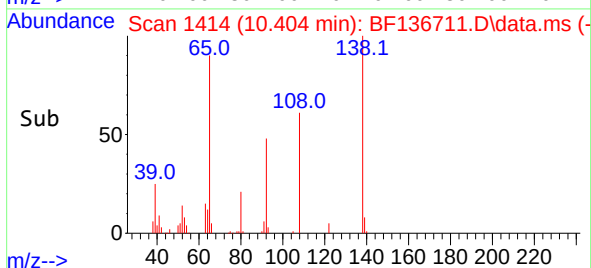
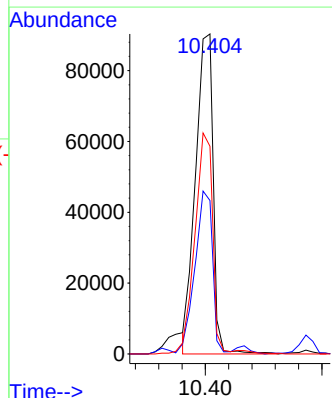
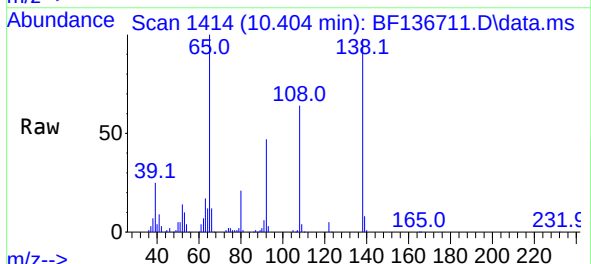
APPROVED

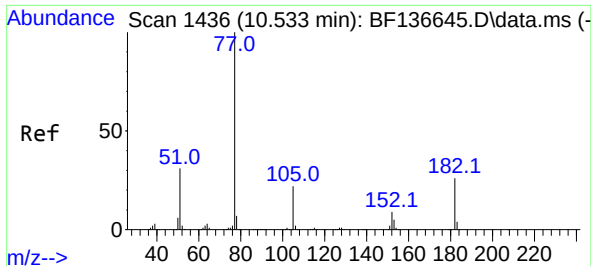
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#62
4-Nitroaniline
Concen: 38.960 ng m
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:138 Resp: 95283
Ion Ratio Lower Upper
138 100
92 47.9 32.1 72.1
108 64.9 50.1 90.1





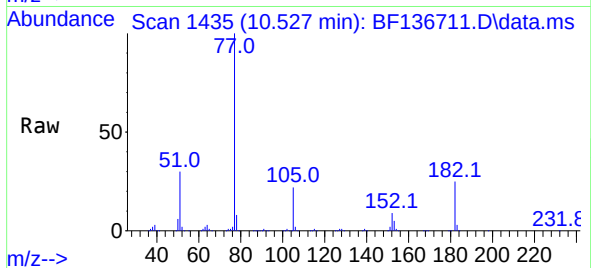
#63
Azobenzene
Concen: 39.480 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

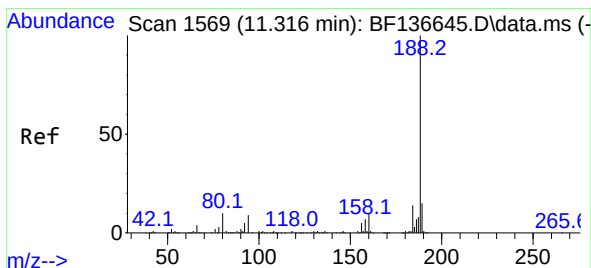
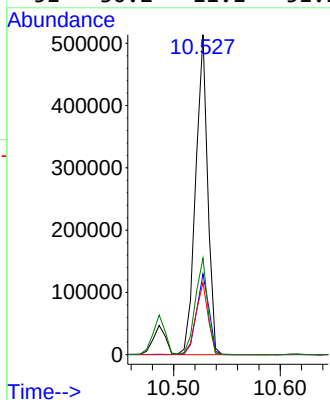
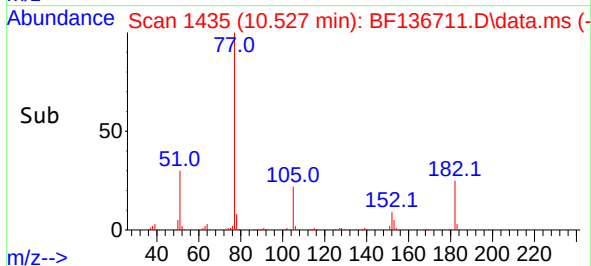


Tgt Ion: 77 Resp: 403738
Ion Ratio Lower Upper
77 100
182 25.3 6.0 46.0
105 22.5 2.3 42.3
51 30.2 11.1 51.1

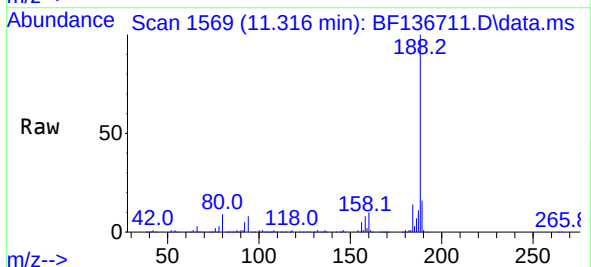
Manual Integrations

APPROVED

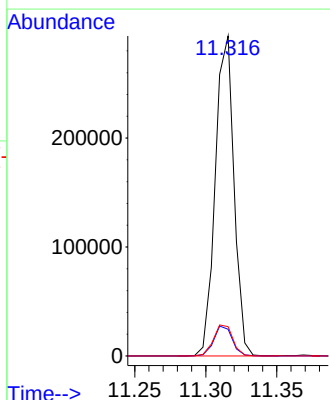
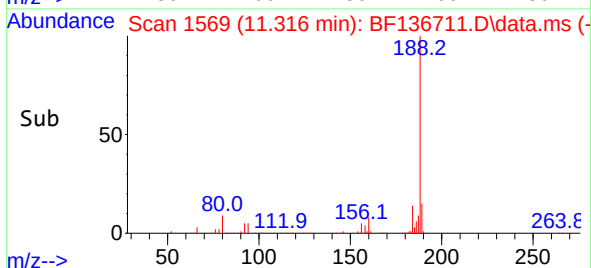
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

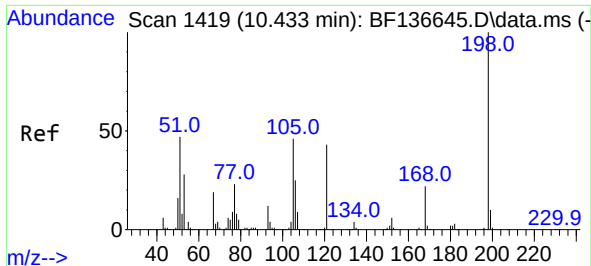


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion:188 Resp: 268447
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 9.1 8.1 12.1





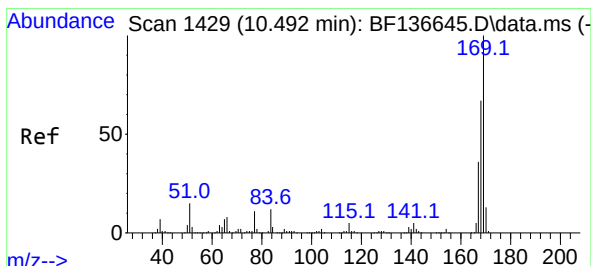
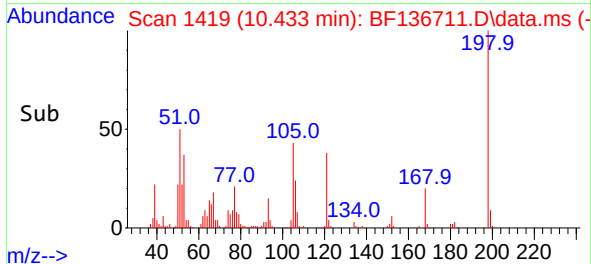
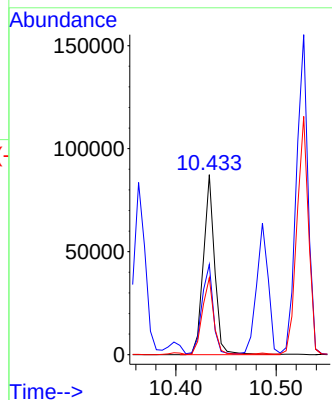
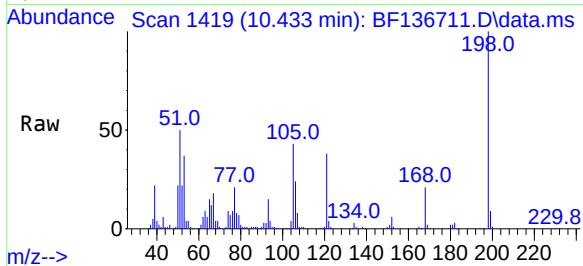
#65
4,6-Dinitro-2-methylphenol
Concen: 44.557 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 68549
Ion Ratio Lower Upper
198 100
51 50.1 34.1 74.1
105 42.7 27.3 67.3

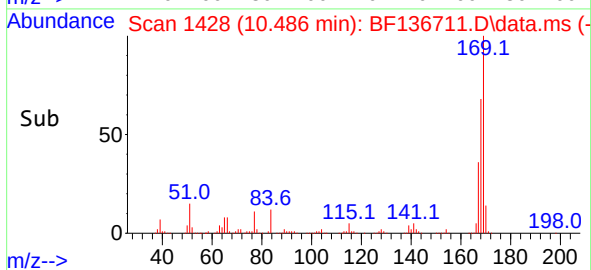
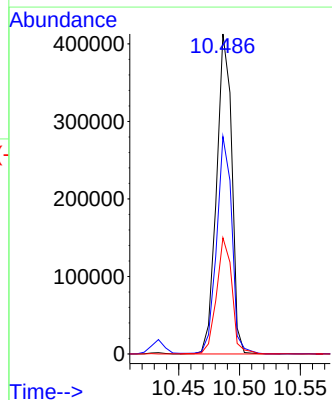
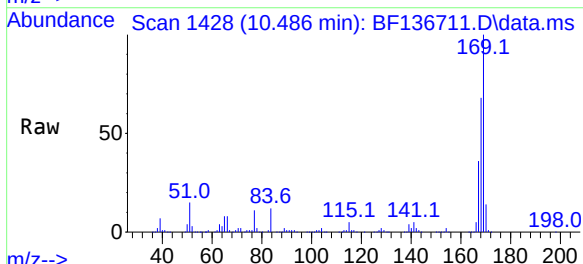
Manual Integrations
APPROVED

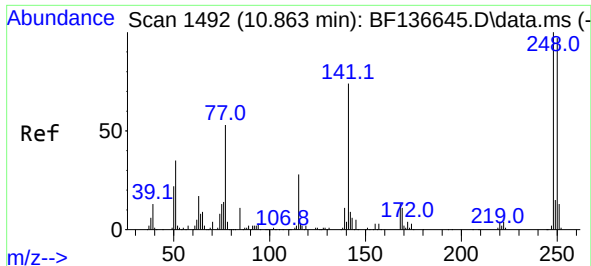
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#66
n-Nitrosodiphenylamine
Concen: 41.279 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:169 Resp: 359970
Ion Ratio Lower Upper
169 100
168 67.9 53.8 80.6
167 36.3 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 41.081 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

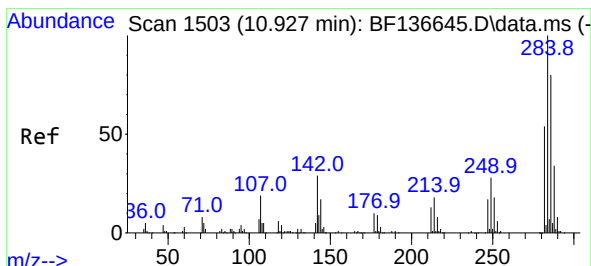
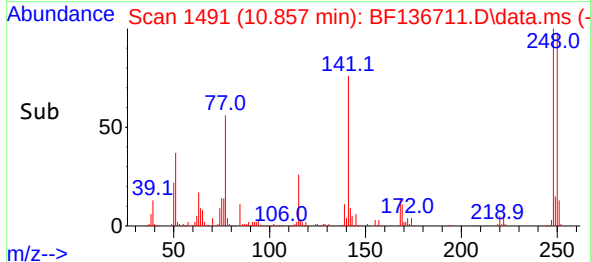
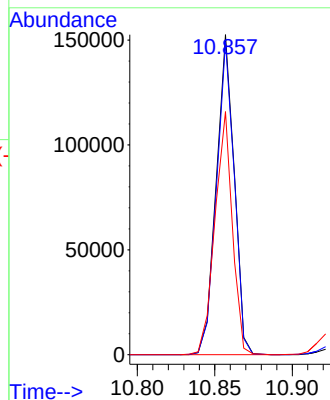
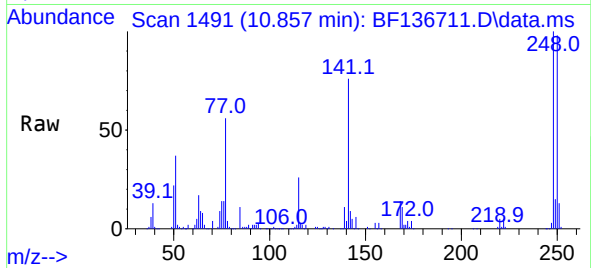
SSTDCCC040

Tgt Ion:248 Resp: 122475
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.6
141 76.0 59.2 88.8

Manual Integrations

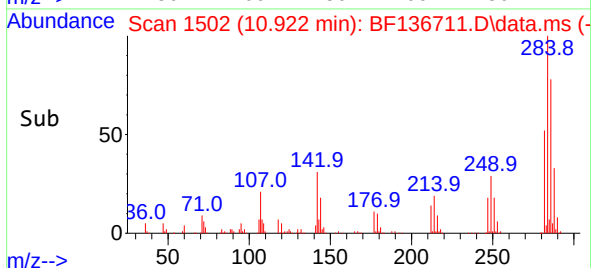
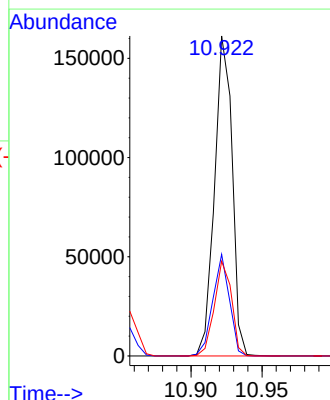
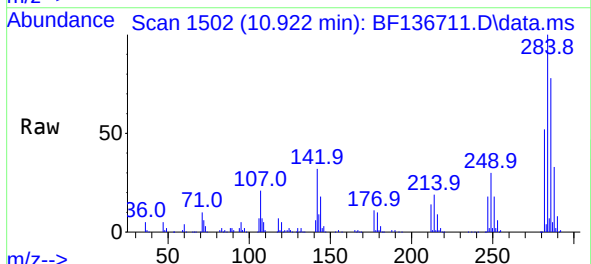
APPROVED

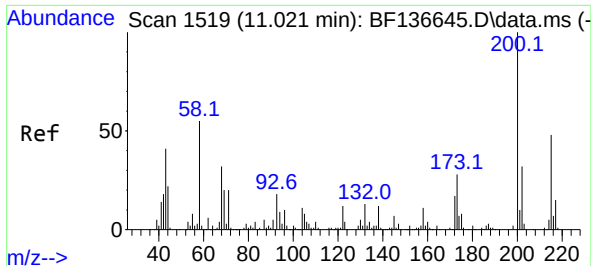
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#68
Hexachlorobenzene
Concen: 41.897 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:284 Resp: 139198
Ion Ratio Lower Upper
284 100
142 31.8 23.4 35.0
249 29.6 22.3 33.5





#69
Atrazine
Concen: 43.720 ng
RT: 11.022 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

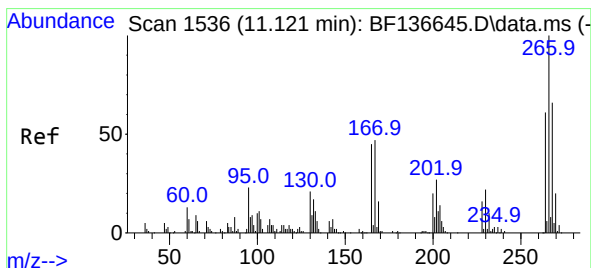
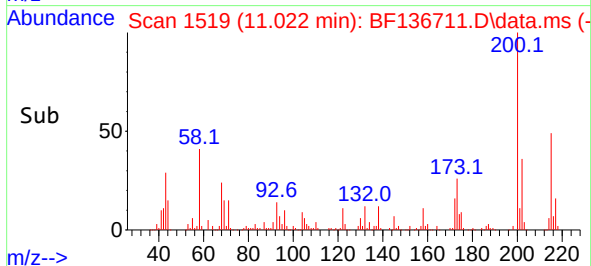
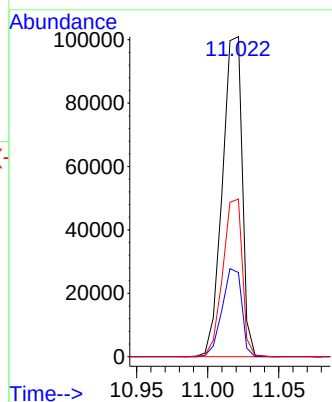
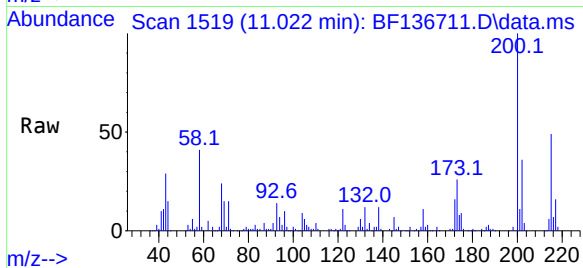
SSTDCCC040

Tgt Ion:200 Resp: 97514
Ion Ratio Lower Upper
200 100
173 26.3 7.6 47.6
215 49.3 28.3 68.3

Manual Integrations

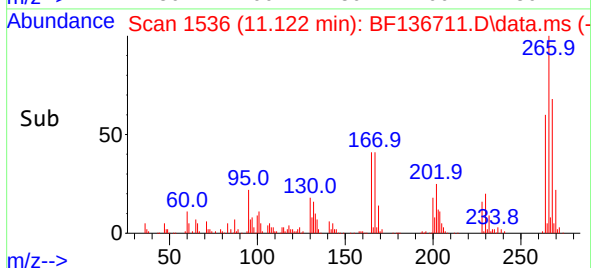
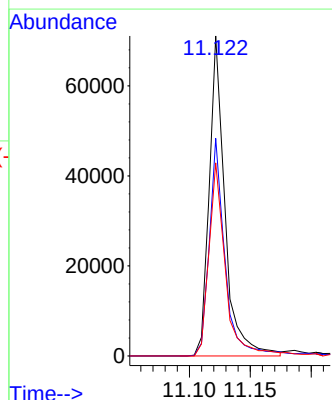
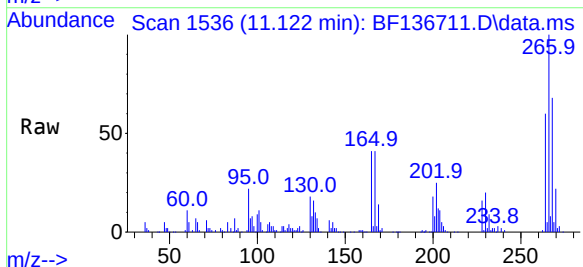
APPROVED

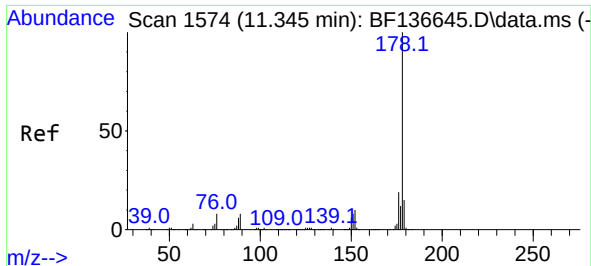
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#70
Pentachlorophenol
Concen: 41.357 ng
RT: 11.122 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:266 Resp: 64046
Ion Ratio Lower Upper
266 100
268 68.0 52.6 78.8
264 60.3 49.0 73.4





#71
Phenanthrene
Concen: 41.475 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

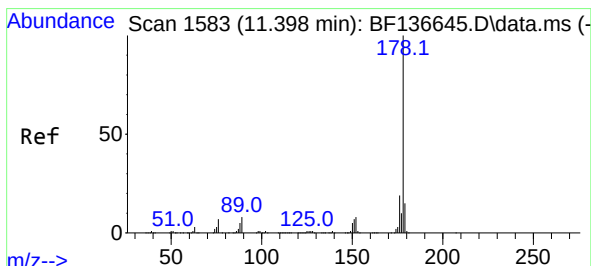
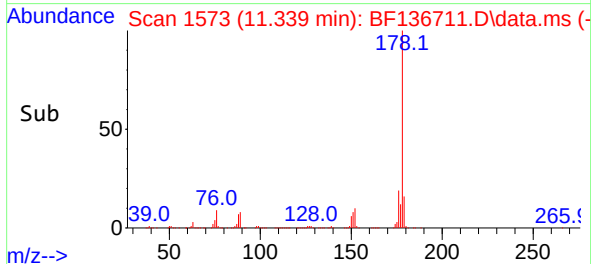
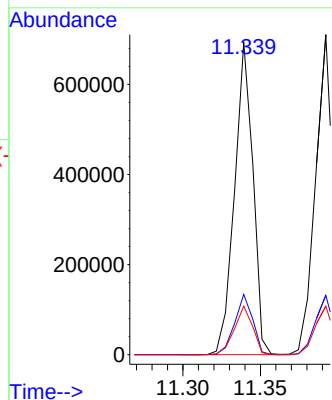
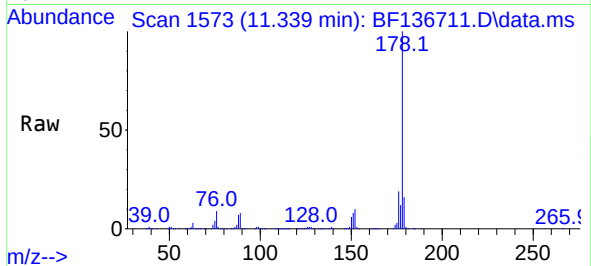
SSTDCCC040

Tgt Ion:178 Resp: 57128
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.5 11.9 17.9

Manual Integrations

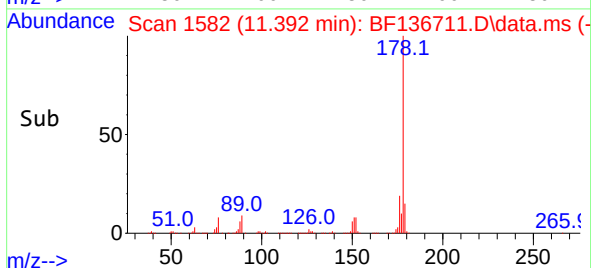
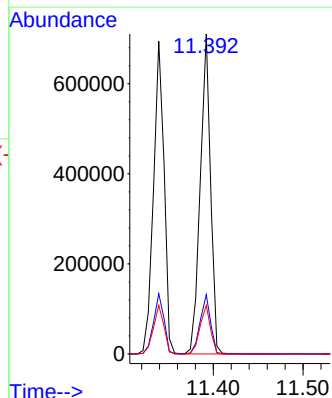
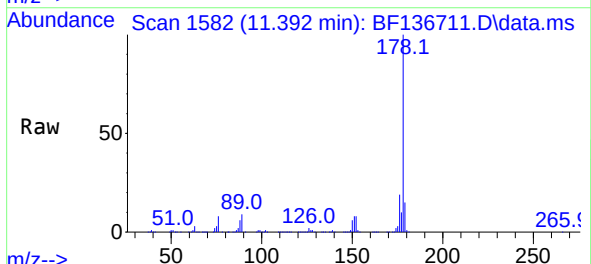
APPROVED

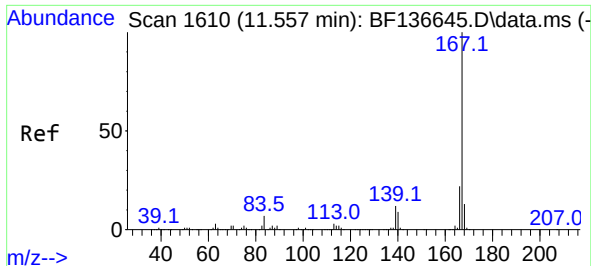
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#72
Anthracene
Concen: 40.682 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:178 Resp: 567503
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.2 11.8 17.6





#73
 Carbazole
 Concen: 40.908 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136711.D
 Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

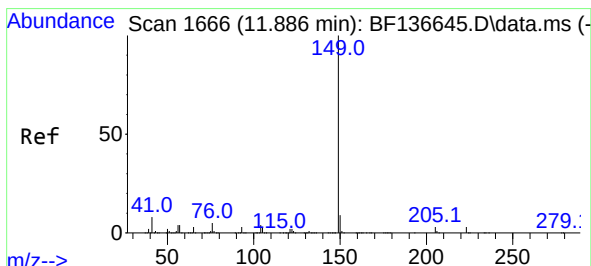
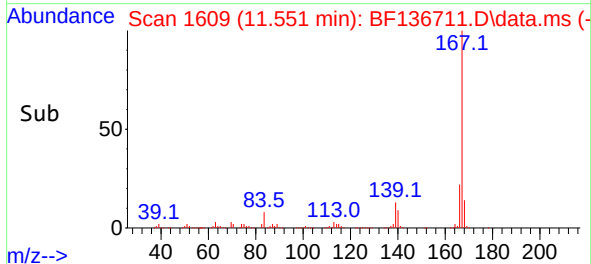
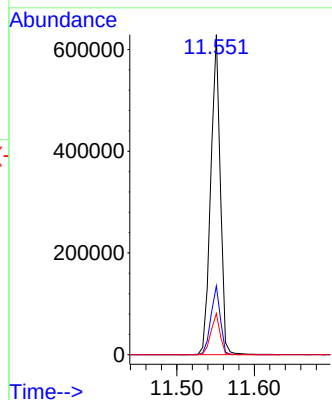
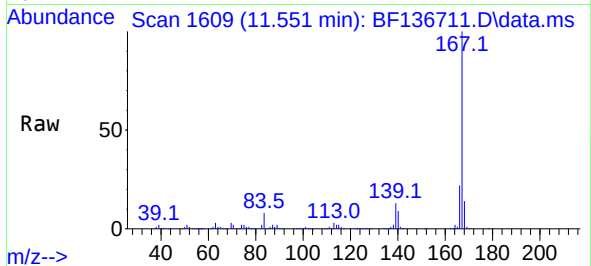
SSTDCCC040

Tgt Ion:167 Resp: 538010
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.8 9.8 14.6

Manual Integrations

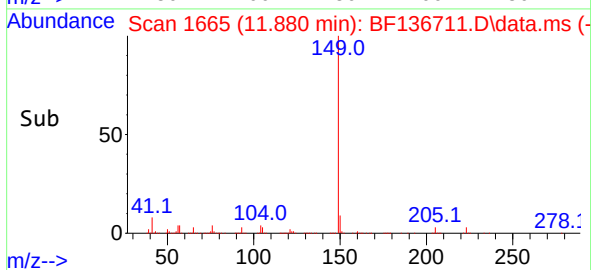
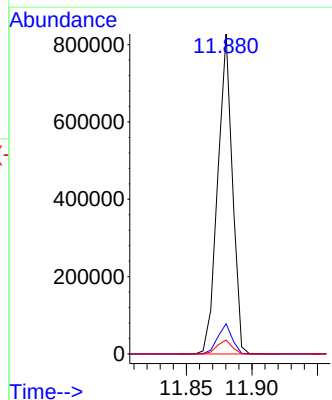
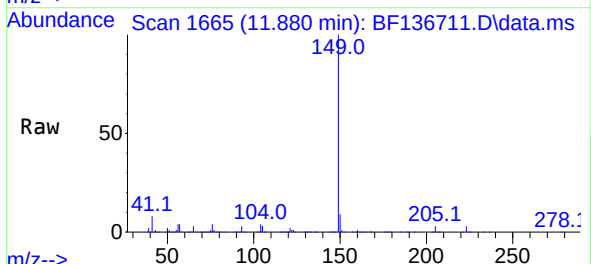
APPROVED

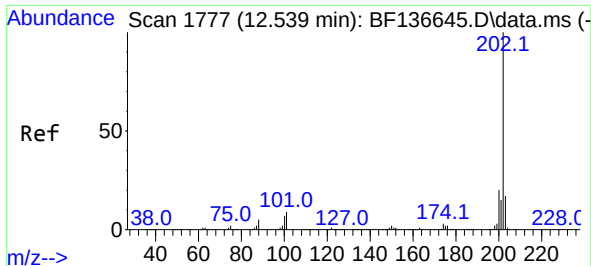
Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023



#74
 Di-n-butylphthalate
 Concen: 40.046 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136711.D
 Acq: 26 Dec 2023 10:44

Tgt Ion:149 Resp: 642675
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.4 3.6 5.4





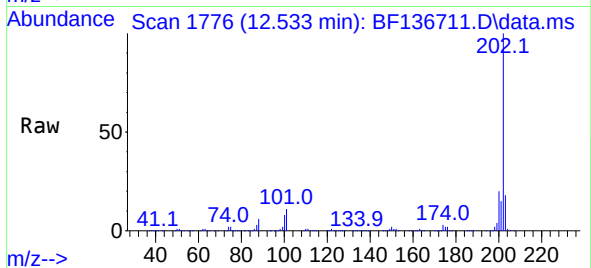
#75
Fluoranthene
Concen: 39.898 ng
RT: 12.533 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

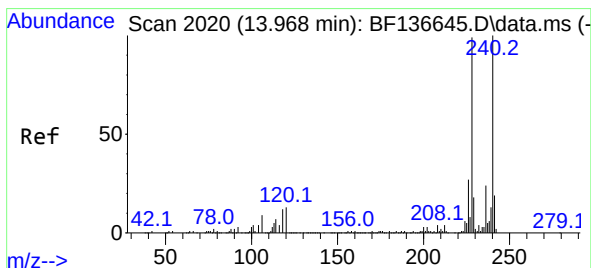
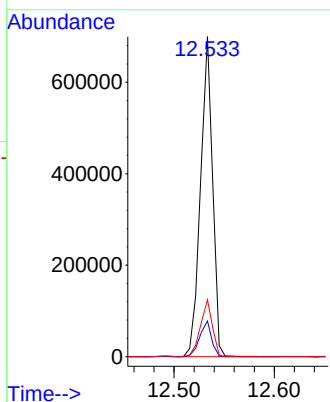
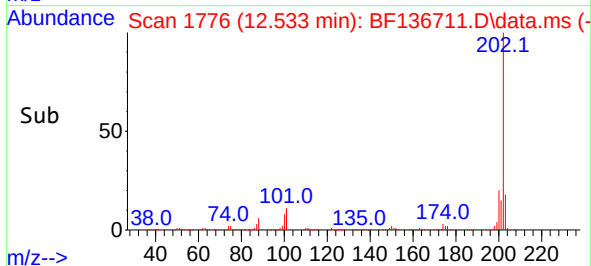


Tgt Ion:202 Resp: 587839
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.3
203 17.8 0.0 37.1

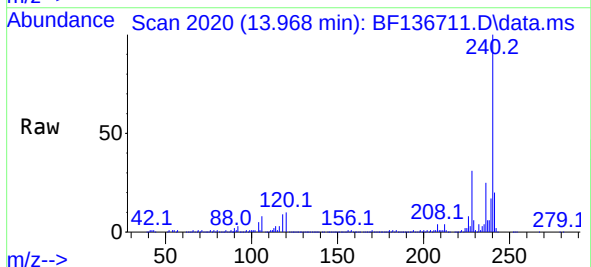
Manual Integrations

APPROVED

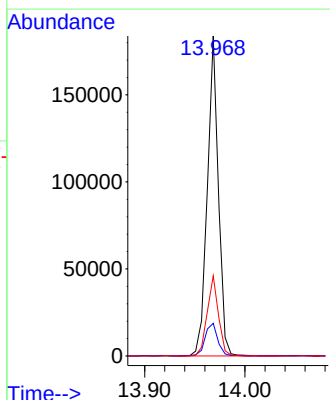
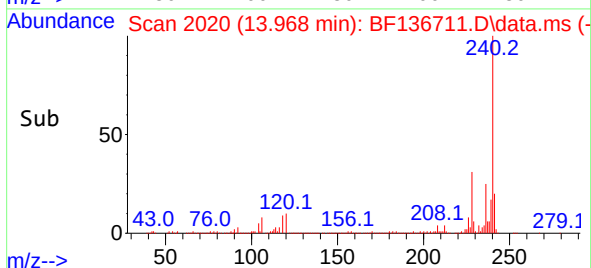
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

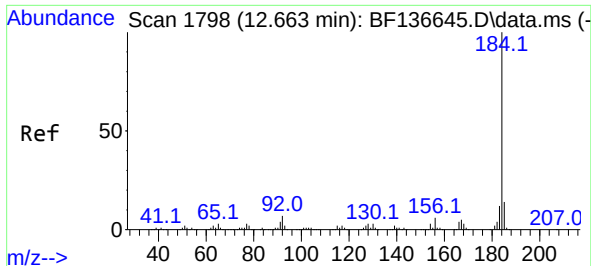


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion:240 Resp: 141860
Ion Ratio Lower Upper
240 100
120 10.2 10.3 15.5#
236 25.0 19.4 29.2





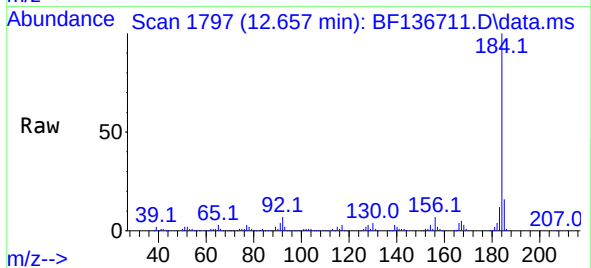
#77
Benzidine
Concen: 35.077 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

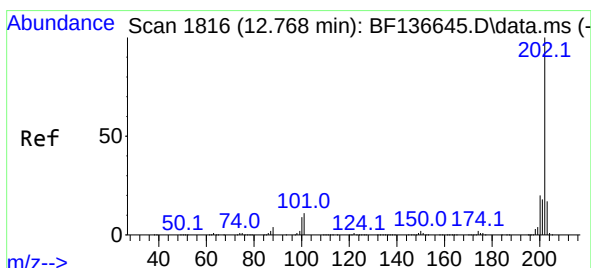
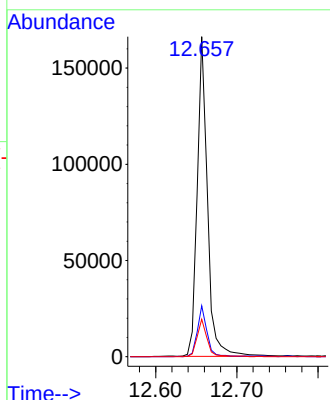
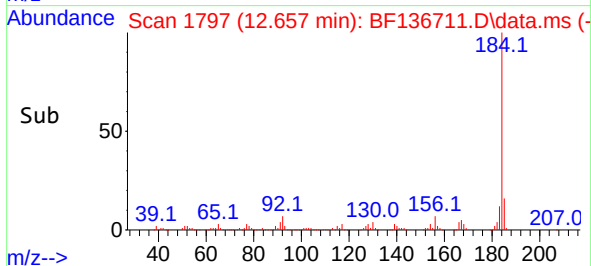


Tgt Ion:184 Resp: 146723
Ion Ratio Lower Upper
184 100
185 15.9 11.2 16.8
183 11.7 9.3 13.9

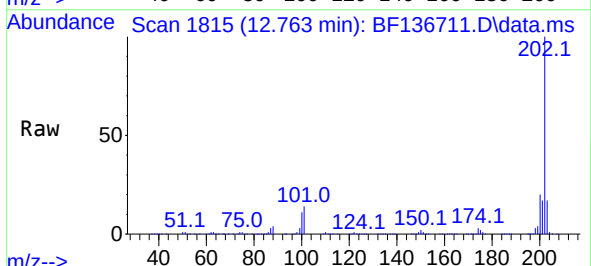
Manual Integrations

APPROVED

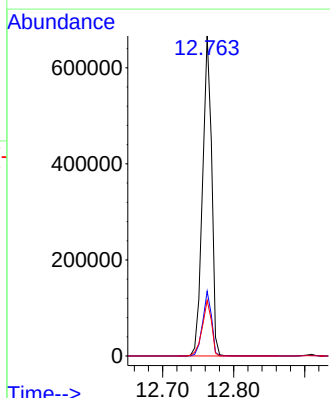
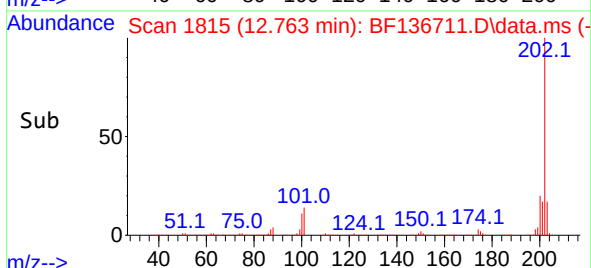
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

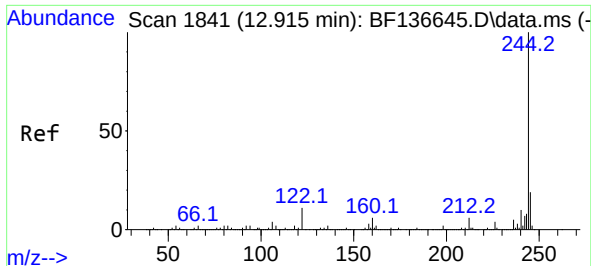


#78
Pyrene
Concen: 42.801 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion:202 Resp: 596048
Ion Ratio Lower Upper
202 100
200 20.2 15.9 23.9
203 17.4 13.8 20.6





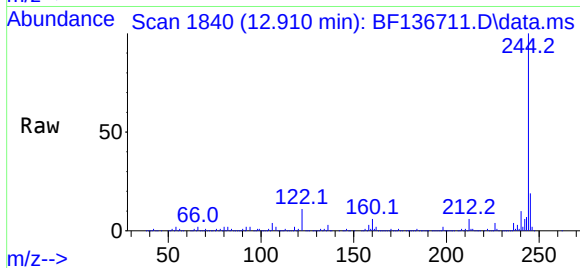
#79
 Terphenyl-d14
 Concen: 83.461 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136711.D
 Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

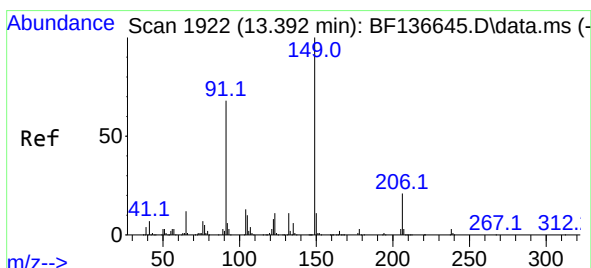
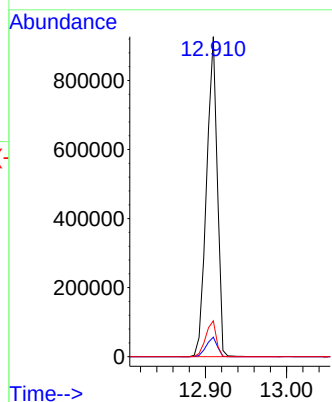
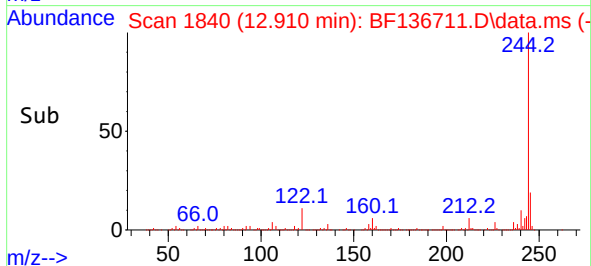


Tgt Ion:244 Resp: 847235
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 11.2 9.0 13.4

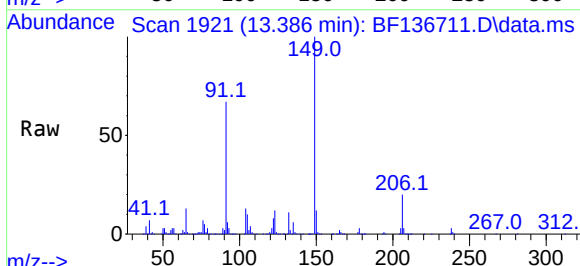
Manual Integrations

APPROVED

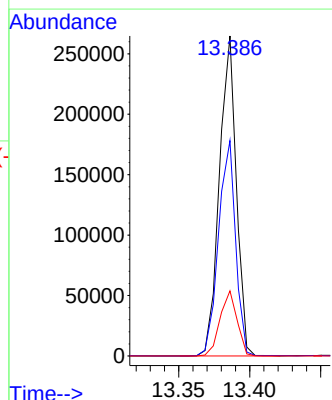
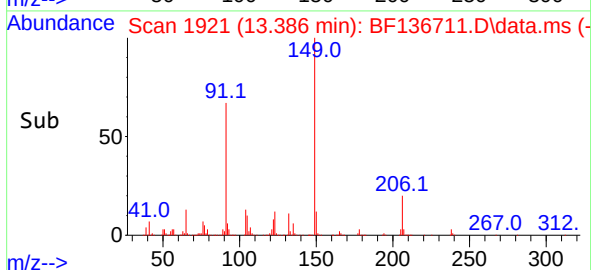
Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

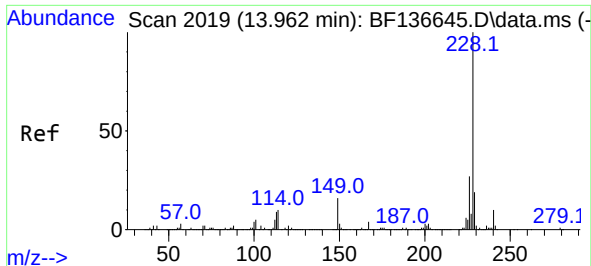


#80
 Butylbenzylphthalate
 Concen: 43.252 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136711.D
 Acq: 26 Dec 2023 10:44



Tgt Ion:149 Resp: 219170
 Ion Ratio Lower Upper
 149 100
 91 67.3 54.1 81.1
 206 20.3 17.1 25.7





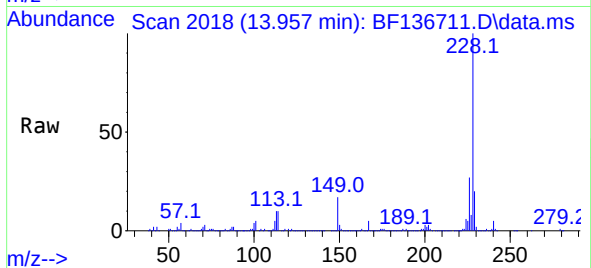
#81
Benzo(a)anthracene
Concen: 41.793 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

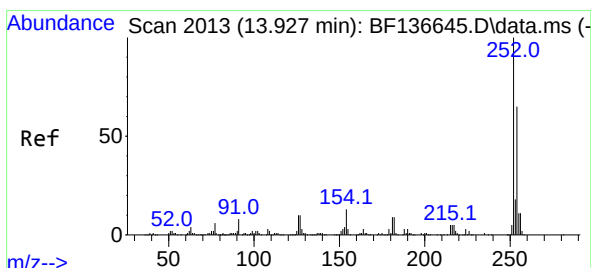
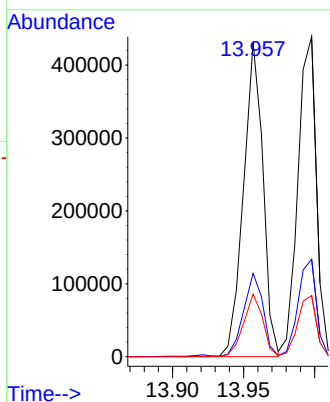
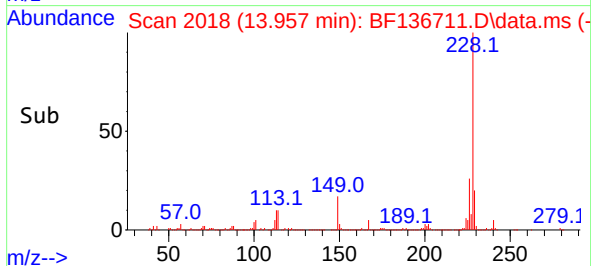


Tgt Ion:228 Resp: 41169
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.0
229 19.9 14.9 22.3

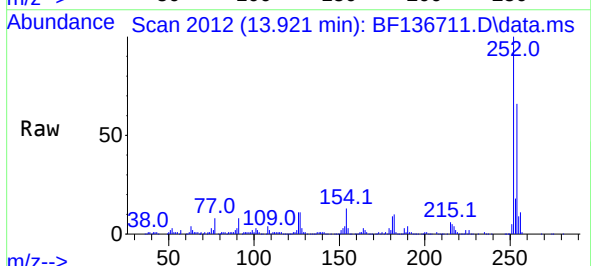
Manual Integrations

APPROVED

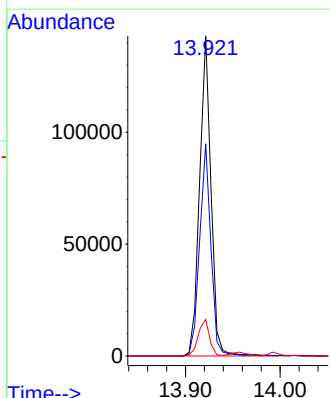
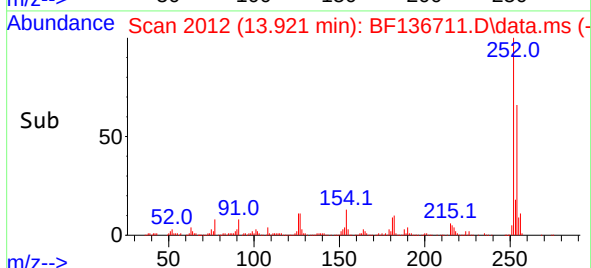
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

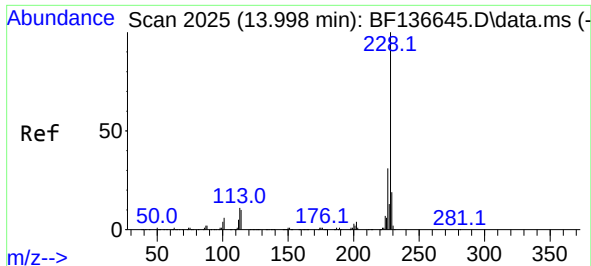


#82
3,3'-Dichlorobenzidine
Concen: 43.088 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



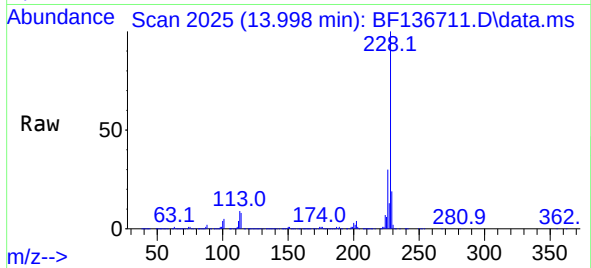
Tgt Ion:252 Resp: 120537
Ion Ratio Lower Upper
252 100
254 66.3 52.2 78.4
126 11.4 8.0 12.0





#83
Chrysene
Concen: 41.314 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

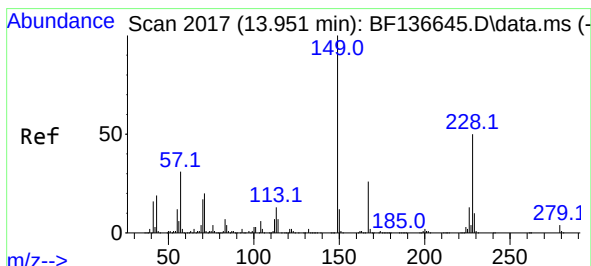
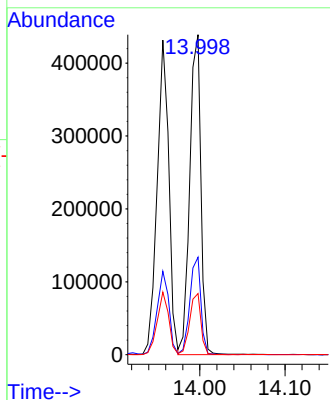
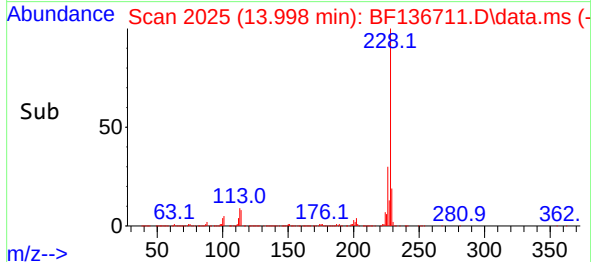
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



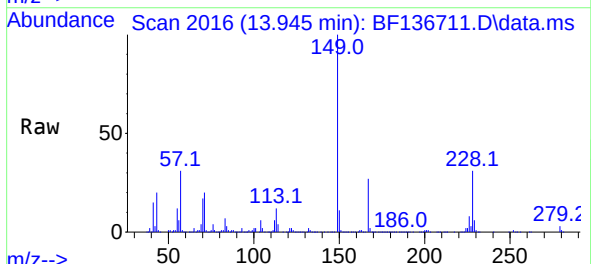
Tgt Ion:228 Resp: 397974
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 19.1 15.4 23.0

Manual Integrations
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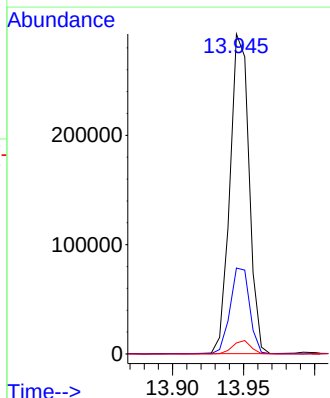
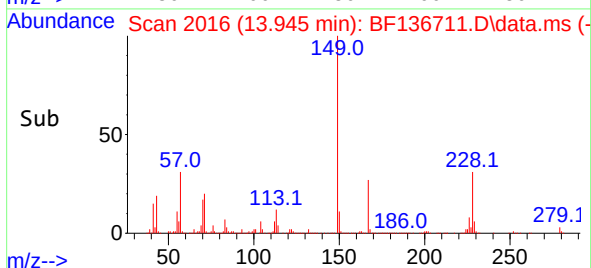
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

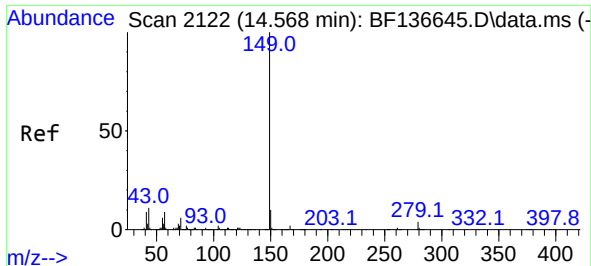


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.910 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion:149 Resp: 273571
Ion Ratio Lower Upper
149 100
167 26.9 20.9 31.3
279 3.4 2.9 4.3





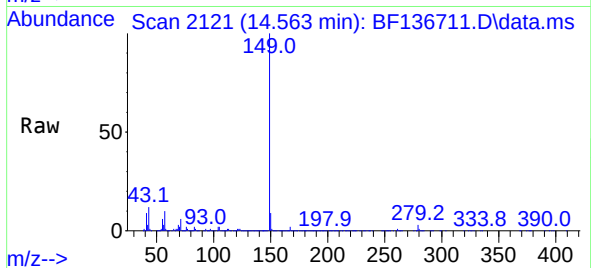
#85
Di-n-octyl phthalate
Concen: 42.705 ng
RT: 14.563 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

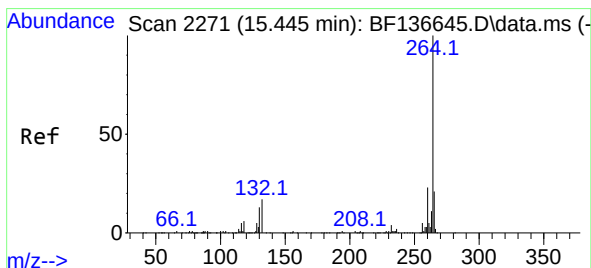
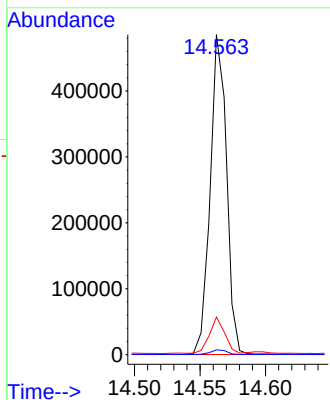
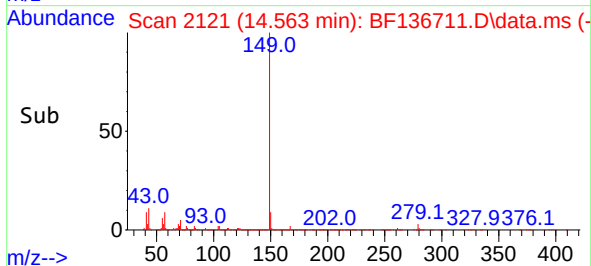


Tgt Ion:149 Resp: 421160
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.0 8.9 13.3

Manual Integrations

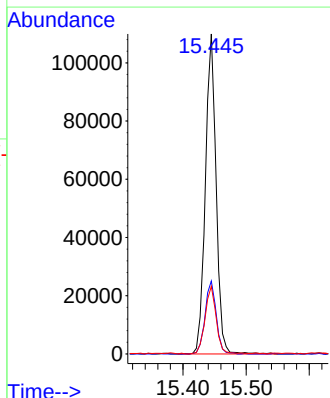
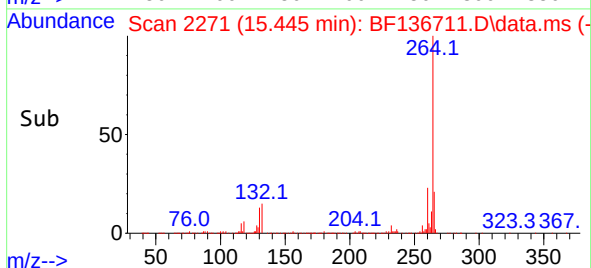
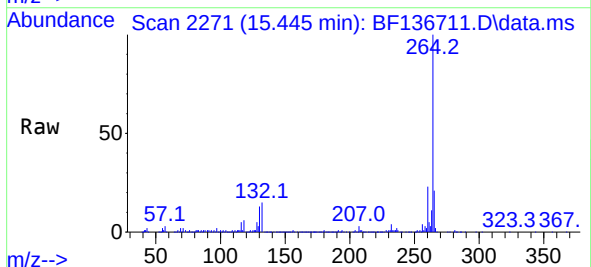
APPROVED

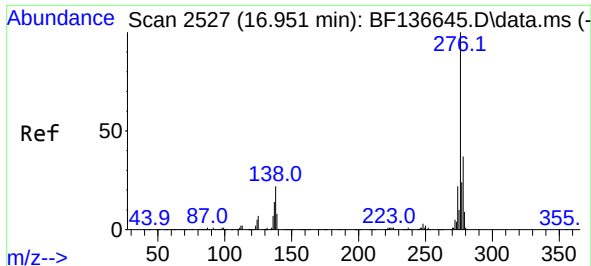
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:264 Resp: 130240
Ion Ratio Lower Upper
264 100
260 22.8 18.3 27.5
265 21.1 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.839 ng
RT: 16.956 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

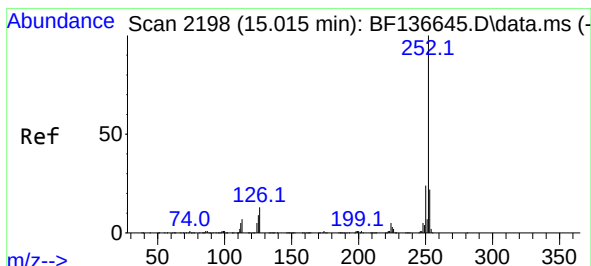
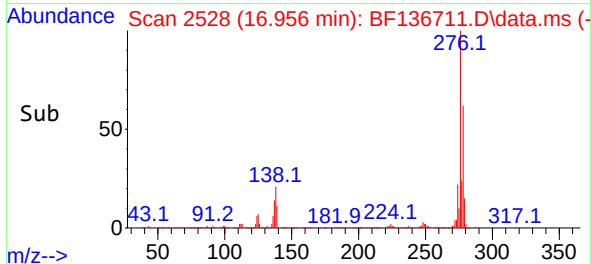
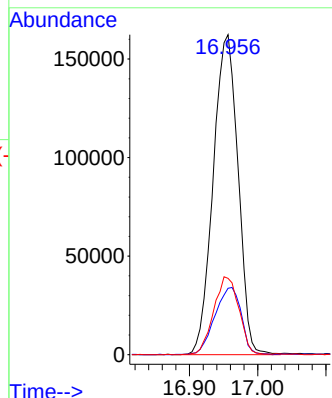
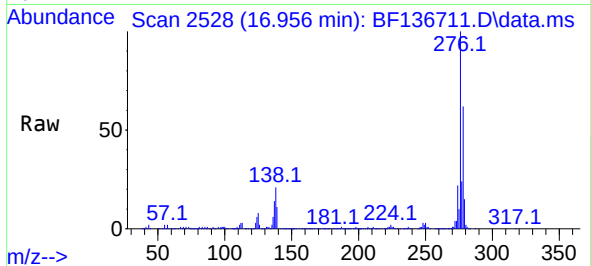
SSTDCCC040

Tgt Ion:276 Resp: 41224
Ion Ratio Lower Upper
276 100
138 22.3 18.7 28.1
277 24.8 20.2 30.2

Manual Integrations

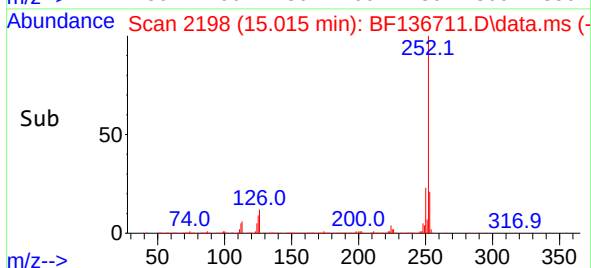
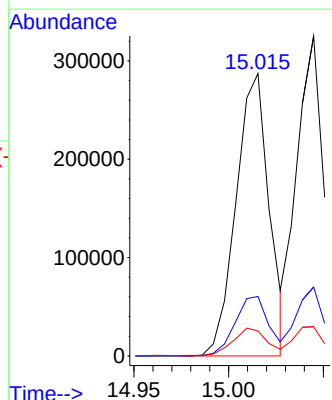
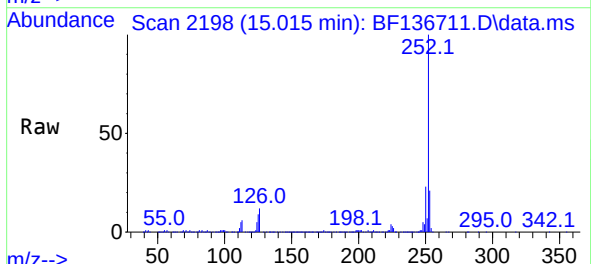
APPROVED

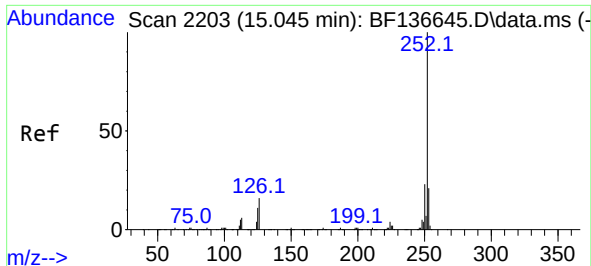
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#88
Benzo(b)fluoranthene
Concen: 40.070 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Tgt Ion:252 Resp: 348559
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 8.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 39.120 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136711.D

Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 32154

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

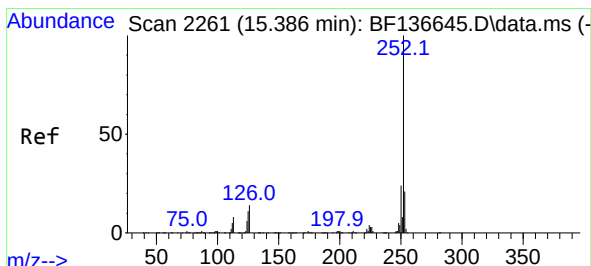
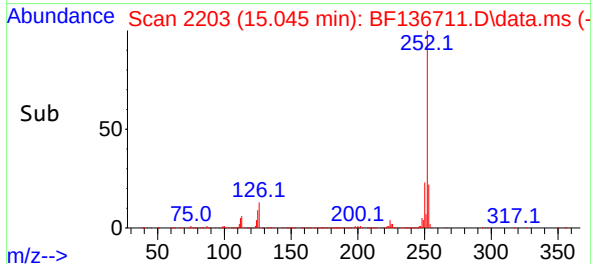
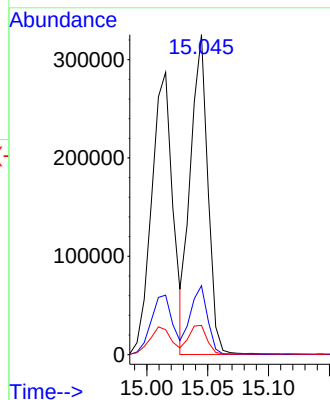
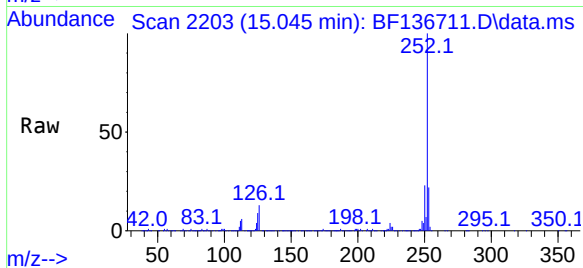
125 9.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#90

Benzo(a)pyrene

Concen: 40.616 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136711.D

Acq: 26 Dec 2023 10:44

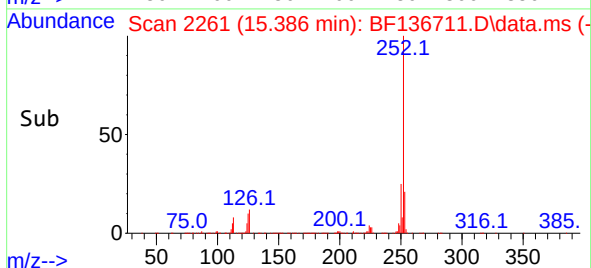
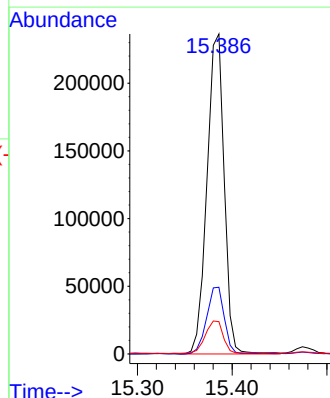
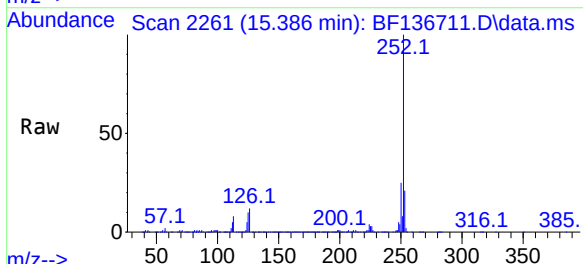
Tgt Ion:252 Resp: 298234

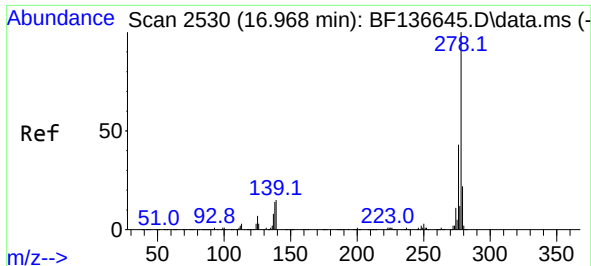
Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.6

125 10.1 8.8 13.2





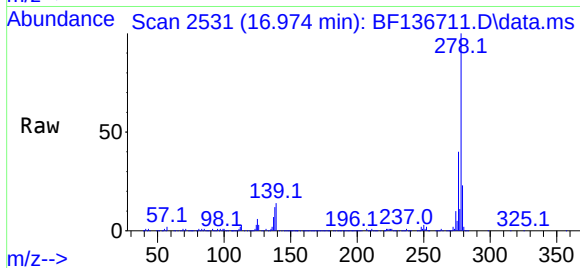
#91
Dibenzo(a,h)anthracene
Concen: 44.307 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

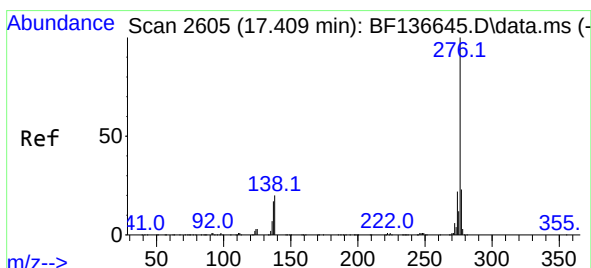
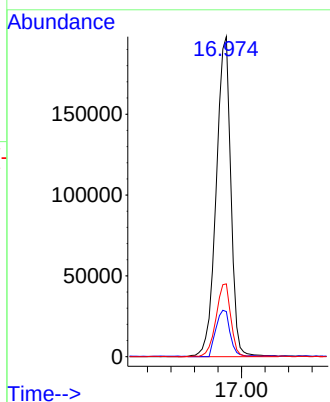
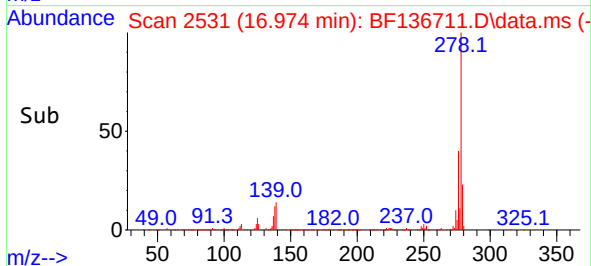


Tgt Ion:278 Resp: 341814
Ion Ratio Lower Upper
278 100
139 14.1 12.2 18.4
279 22.8 17.8 26.6

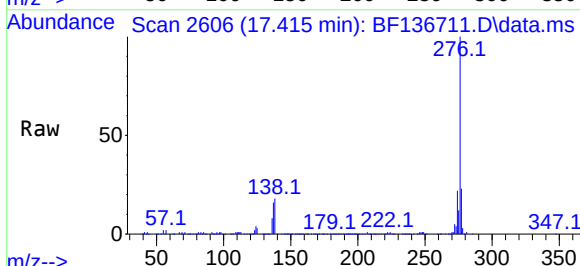
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#92
Benzo(g,h,i)perylene
Concen: 44.471 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF136711.D
Acq: 26 Dec 2023 10:44



Tgt Ion:276 Resp: 351383
Ion Ratio Lower Upper
276 100
277 23.0 18.3 27.5
138 18.4 15.6 23.4

