

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136730.D
 Acq On : 26 Dec 2023 21:03
 Operator : CG\JU
 Sample : 05765-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-03-9.5-10.5MS

Manual Integrations
 APPROVED

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

Quant Time: Dec 27 03:58:16 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	6.786	152	67571	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	254320	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	117572	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	177465	20.000	ng	0.00
76) Chrysene-d12	13.974	240	129806	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	123324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	185246	42.775	ng	0.03
7) Phenol-d6	6.439	99	388504	69.233	ng	0.00
23) Nitrobenzene-d5	7.351	82	266651	53.652	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	32024	23.127	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	449402	51.410	ng	-0.01
79) Terphenyl-d14	12.904	244	329929	35.520	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	71389	39.563	ng	98
3) Pyridine	3.840	79	172083m	39.087	ng	
4) n-Nitrosodimethylamine	4.051	42	115971m	49.327	ng	
6) Aniline	6.457	93	137802	24.562	ng	# 51
8) 2-Chlorophenol	6.581	128	201312	42.478	ng	95
9) Benzaldehyde	6.345	77	67313	21.089	ng	95
10) Phenol	6.451	94	242484	40.479	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	187381	41.132	ng	98
12) 1,3-Dichlorobenzene	6.734	146	208696	40.367	ng	97
13) 1,4-Dichlorobenzene	6.804	146	210904	39.925	ng	98
14) 1,2-Dichlorobenzene	6.957	146	198253	40.332	ng	99
15) Benzyl Alcohol	6.934	79	170119	44.937	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	302491	40.613	ng	99
17) 2-Methylphenol	7.051	107	158238	40.304	ng	96
18) Hexachloroethane	7.292	117	74436	38.800	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	139851	41.112	ng	99
20) 3+4-Methylphenols	7.204	107	199917	40.758	ng	# 64
22) Acetophenone	7.192	105	283971	44.548	ng	# 92
24) Nitrobenzene	7.369	77	203636	40.902	ng	97
25) Isophorone	7.604	82	375631	41.536	ng	98
26) 2-Nitrophenol	7.681	139	99996	41.980	ng	92
27) 2,4-Dimethylphenol	7.722	122	131724	45.423	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	234195	42.604	ng	99
29) 2,4-Dichlorophenol	7.928	162	157143	42.091	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	172326	41.427	ng	98
31) Naphthalene	8.086	128	1125320	80.543	ng	100
32) Benzoic acid	7.839	122	82540m	29.417	ng	
33) 4-Chloroaniline	8.133	127	81592	15.817	ng	99
34) Hexachlorobutadiene	8.198	225	100878	39.915	ng	99
35) Caprolactam	8.516	113	49192	39.940	ng	95
36) 4-Chloro-3-methylphenol	8.633	107	170234	40.503	ng	99
37) 2-Methylnaphthalene	8.780	142	697653	77.588	ng	99
38) 1-Methylnaphthalene	8.875	142	345380	39.151	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	175628	48.234	ng	99
41) Hexachlorocyclopentadiene	8.927	237	47415	43.239	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	106412	45.570	ng	97

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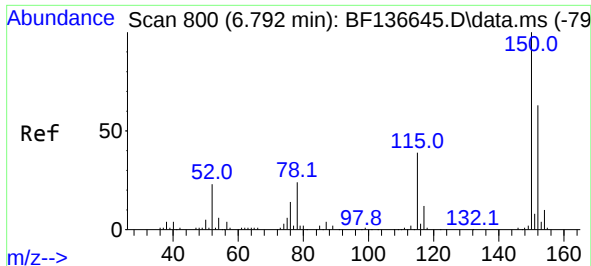
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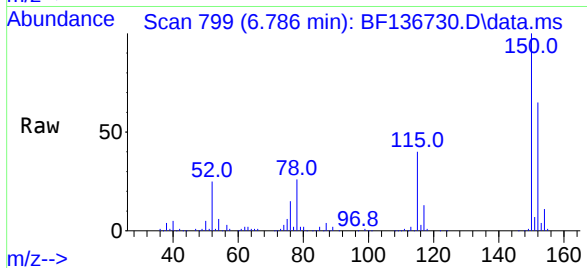
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44) 2,4,5-Trichlorophenol	9.104	196	112400	43.195	ng	# 94
46) 1,1'-Biphenyl	9.245	154	462490	46.877	ng	98
47) 2-Chloronaphthalene	9.269	162	328812	43.840	ng	98
48) 2-Nitroaniline	9.369	65	106719	45.437	ng	95
49) Acenaphthylene	9.686	152	1033868	90.182	ng	99
50) Dimethylphthalate	9.545	163	387116	45.078	ng	99
51) 2,6-Dinitrotoluene	9.616	165	84938	43.580	ng	98
52) Acenaphthene	9.857	154	586839	82.579	ng	100
53) 3-Nitroaniline	9.780	138	75174	36.411	ng	93
54) 2,4-Dinitrophenol	9.892	184	13572	15.713	ng	# 83
55) Dibenzofuran	10.027	168	460740	42.771	ng	98
56) 4-Nitrophenol	9.957	139	101975	73.167	ng	95
57) 2,4-Dinitrotoluene	10.016	165	98754	39.030	ng	99
58) Fluorene	10.374	166	671703	78.585	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	75755	37.819	ng	# 99
60) Diethylphthalate	10.251	149	364533	40.911	ng	97
61) 4-Chlorophenyl-phenyle...	10.369	204	161439	38.857	ng	95
62) 4-Nitroaniline	10.398	138	73302	36.829	ng	97
63) Azobenzene	10.527	77	317643	38.168	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	13470	13.244	ng	# 80
66) n-Nitrosodiphenylamine	10.486	169	296493	51.431	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	91919	46.639	ng	99
68) Hexachlorobenzene	10.921	284	97537	44.408	ng	95
69) Atrazine	11.021	200	88880	60.279	ng	93
70) Pentachlorophenol	11.121	266	83189	81.259	ng	98
71) Phenanthrene	11.345	178	844121	92.701	ng	100
72) Anthracene	11.398	178	799007	86.643	ng	99
73) Carbazole	11.551	167	370495	42.613	ng	100
74) Di-n-butylphthalate	11.880	149	491213	46.300	ng	99
75) Fluoranthene	12.539	202	858550	88.146	ng	98
77) Benzidine	12.657	184	46775	12.221	ng	# 93
78) Pyrene	12.768	202	876298	68.769	ng	99
80) Butylbenzylphthalate	13.386	149	186560	40.236	ng	99
81) Benzo(a)anthracene	13.962	228	840736	93.274	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	96341	37.636	ng	99
83) Chrysene	14.004	228	786585	89.239	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	264528	45.344	ng	97
85) Di-n-octyl phthalate	14.568	149	498500	55.241	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	593309	66.633	ng	98
88) Benzo(b)fluoranthene	15.021	252	844821	102.565	ng	99
89) Benzo(k)fluoranthene	15.057	252	651264	83.676	ng	99
90) Benzo(a)pyrene	15.392	252	641508	92.266	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	493439	67.548	ng	98
92) Benzo(g,h,i)perylene	17.421	276	448490	59.944	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

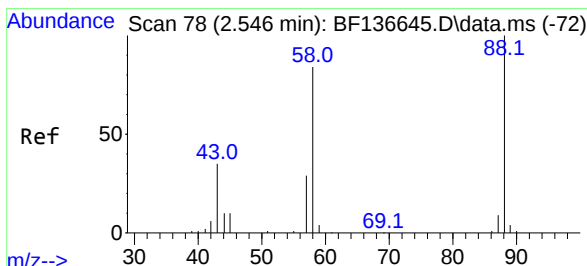
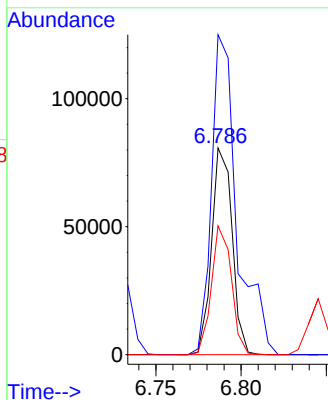
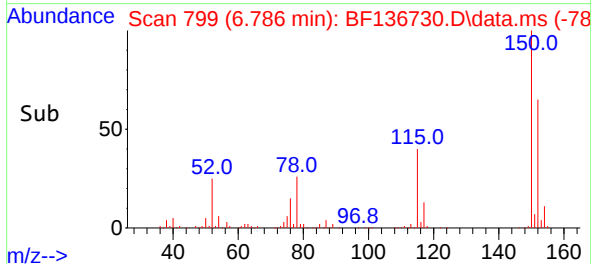
Instrument :
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RT-SB-03-9.5-10.5MS



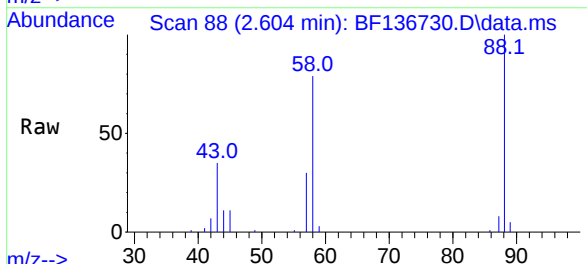
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Ion Ratio Lower Upper
152 100
150 154.8 127.0 190.6
115 62.3 49.0 73.4

Manual Integrations
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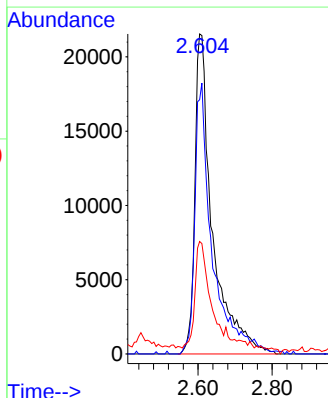
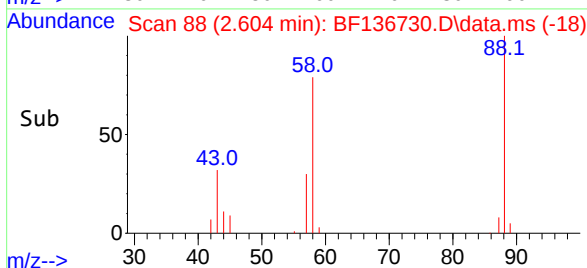
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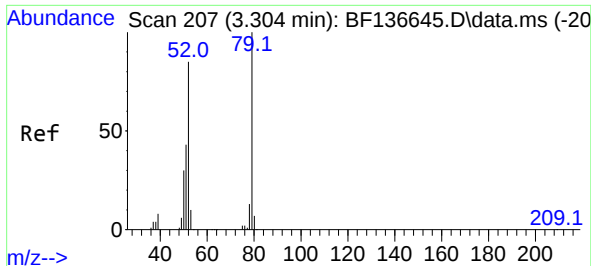


#2
1,4-Dioxane
Concen: 39.563 ng
RT: 2.604 min Scan# 88
Delta R.T. 0.059 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



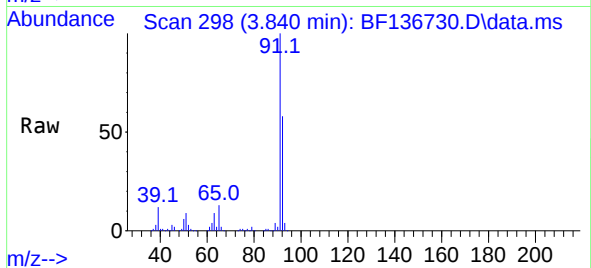
Tgt Ion: 88 Resp: 71389
Ion Ratio Lower Upper
88 100
58 83.4 67.4 101.0
43 32.4 27.7 41.5





#3
Pyridine
Concen: 39.087 ng m
RT: 3.840 min Scan# 298
Delta R.T. 0.535 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

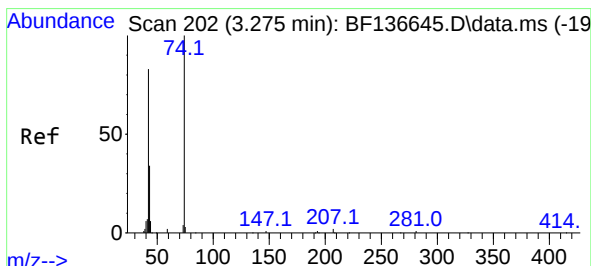
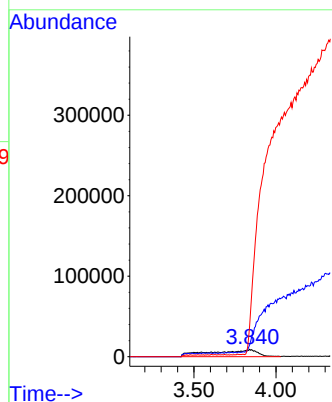
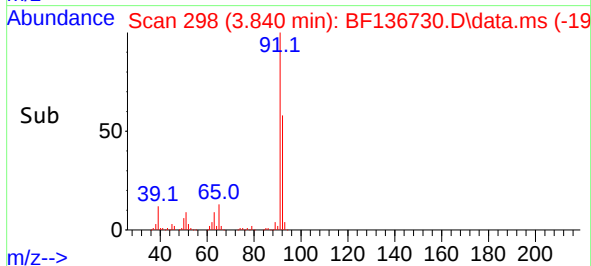
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion: 79 Resp: 172083
Ion Ratio Lower Upper
79 100
52 160.1 67.7 101.5
51 418.8 34.0 51.0

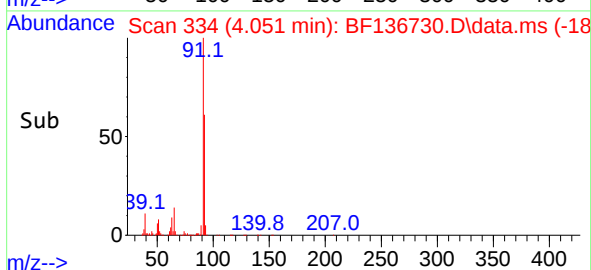
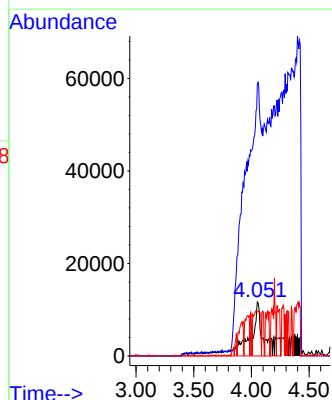
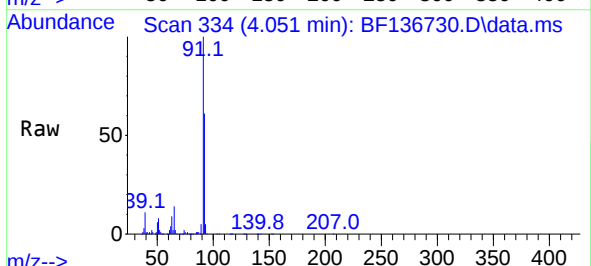
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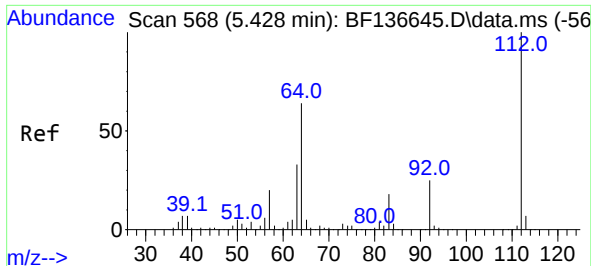
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Supervised By :mohammad ahmed 12/27/2023



#4
n-Nitrosodimethylamine
Concen: 49.327 ng m
RT: 4.051 min Scan# 334
Delta R.T. 0.776 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

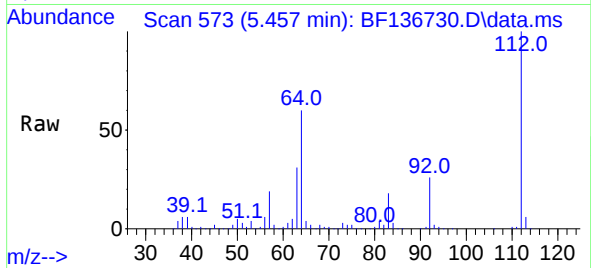
Tgt Ion: 42 Resp: 115971
Ion Ratio Lower Upper
42 100
74 502.1 96.0 144.0#
44 80.6 5.4 8.2#





#5
2-Fluorophenol
Concen: 42.775 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

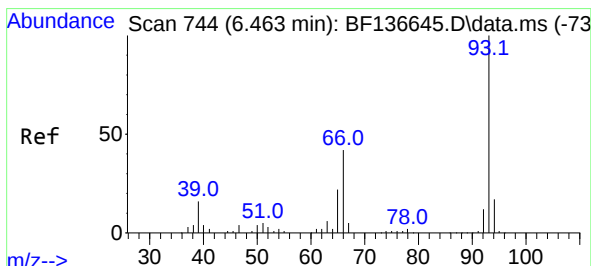
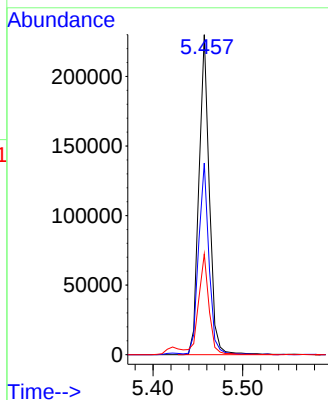
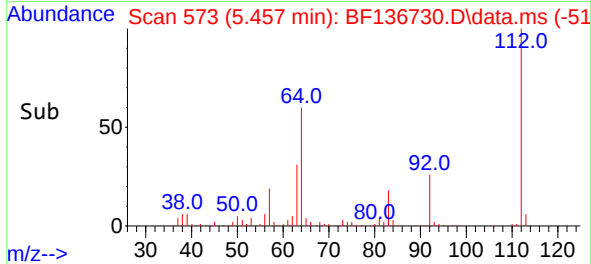
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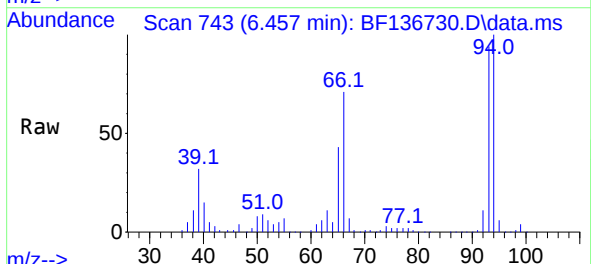
Tgt Ion:112 Resp: 185240
Ion Ratio Lower Upper
112 100
64 59.9 51.1 76.7
63 31.4 26.1 39.1

Manual Integrations
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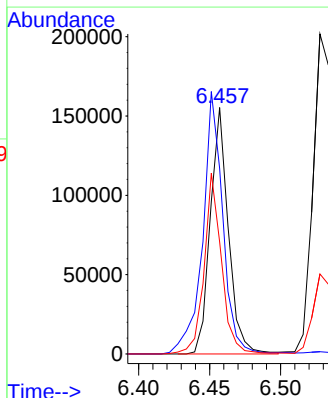
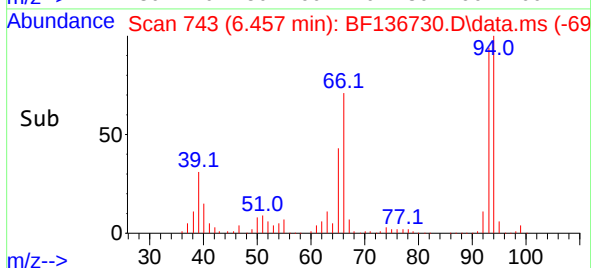
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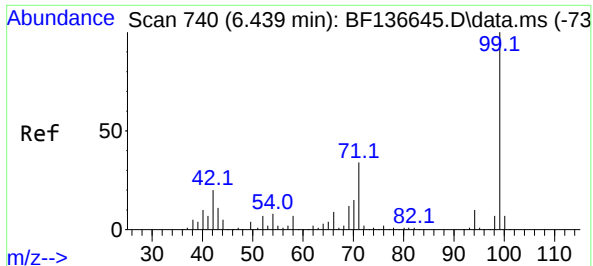


#6
Aniline
Concen: 24.562 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



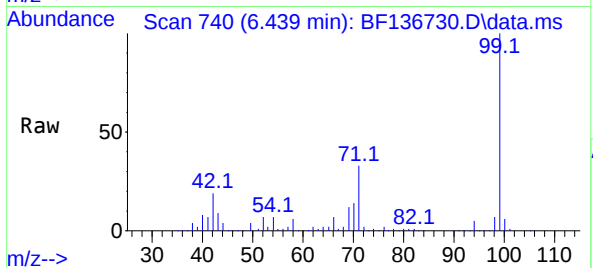
Tgt Ion: 93 Resp: 137802
Ion Ratio Lower Upper
93 100
66 75.3 34.6 51.8#
65 45.5 17.8 26.8#





#7
Phenol-d6
Concen: 69.233 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

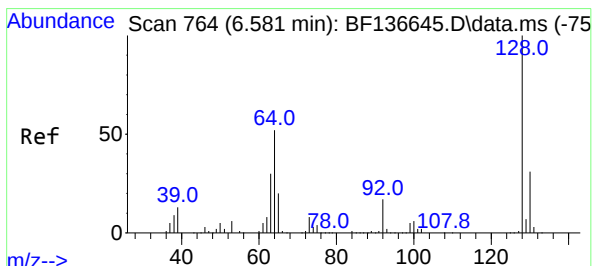
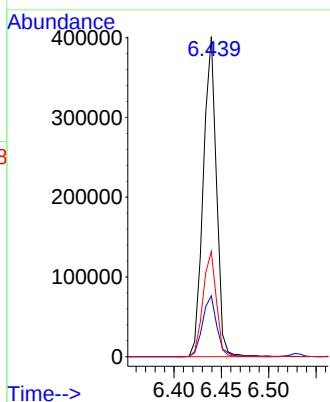
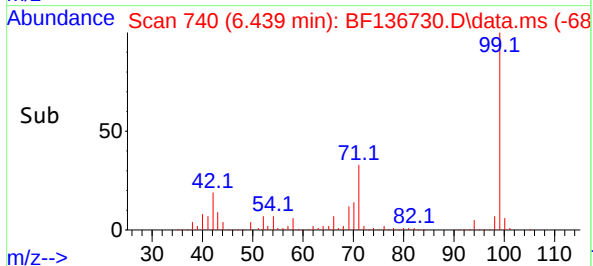
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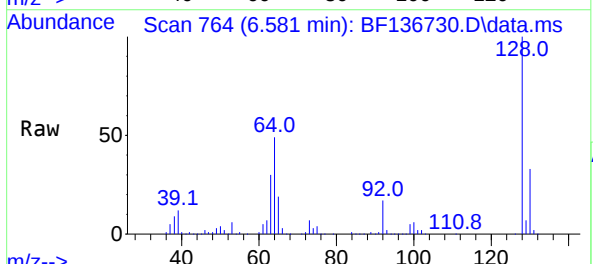
Tgt Ion: 99 Resp: 388504
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 32.9 27.4 41.2

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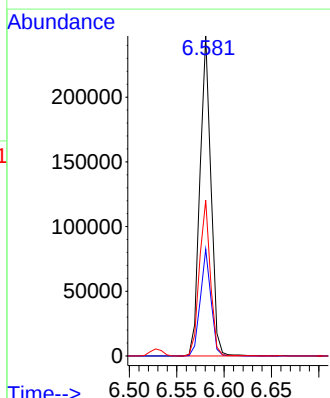
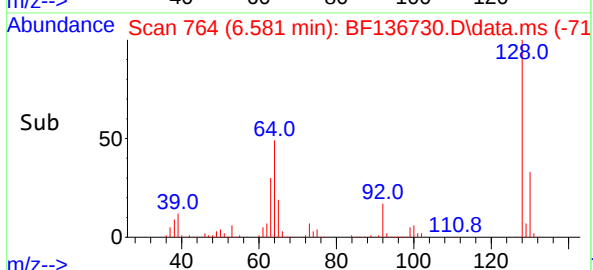
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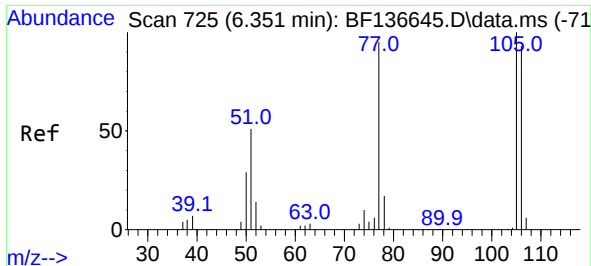


#8
2-Chlorophenol
Concen: 42.478 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



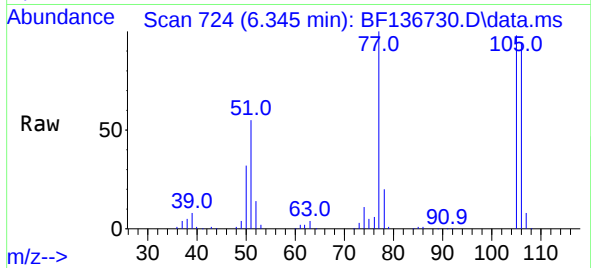
Tgt Ion:128 Resp: 201312
Ion Ratio Lower Upper
128 100
130 33.4 11.3 51.3
64 48.7 32.5 72.5





#9
Benzaldehyde
Concen: 21.089 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

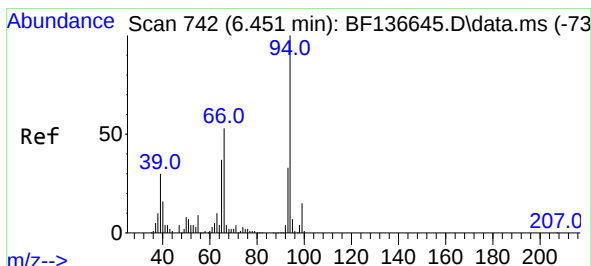
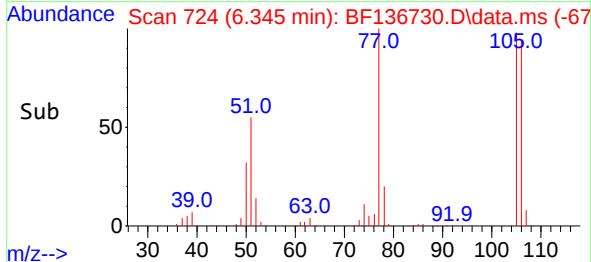
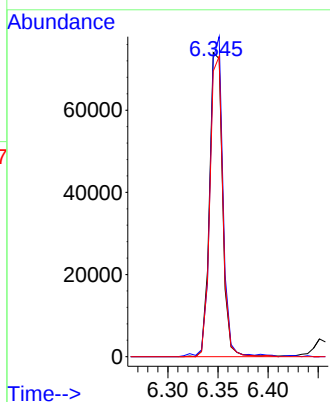
Instrument :
BNA_F
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RT-SB-03-9.5-10.5MS



Tgt Ion: 77 Resp: 67311
Ion Ratio Lower Upper
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105 98.0 84.8 124.8
106 93.9 77.8 117.8

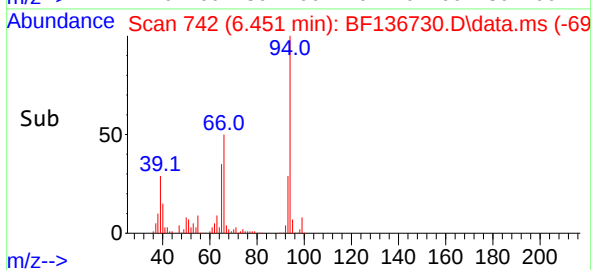
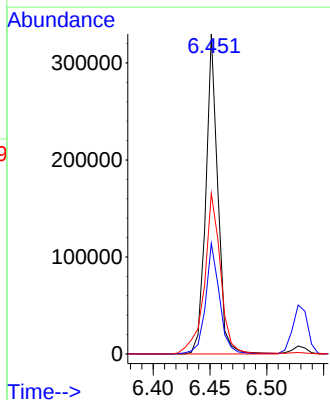
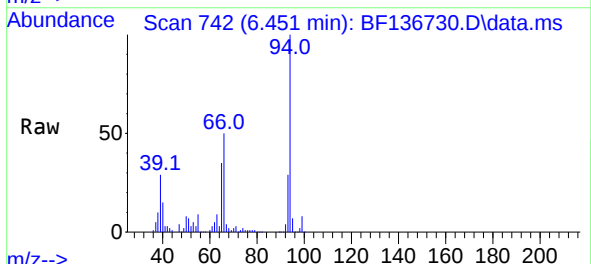
Manual Integrations
APPROVED

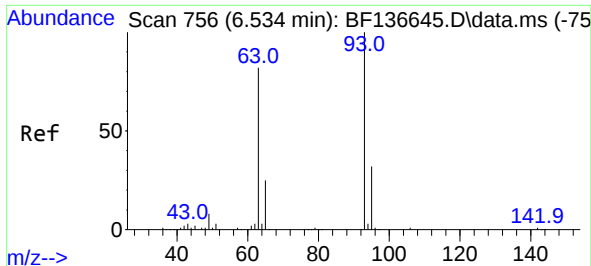
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#10
Phenol
Concen: 40.479 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

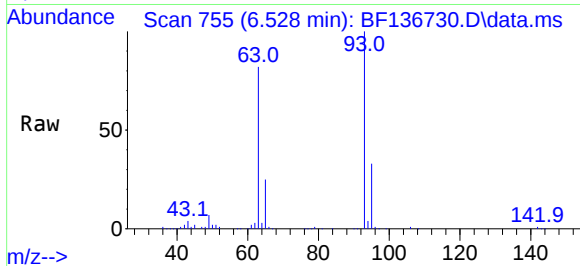
Tgt Ion: 94 Resp: 242484
Ion Ratio Lower Upper
94 100
65 34.6 16.6 56.6
66 50.1 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 41.132 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

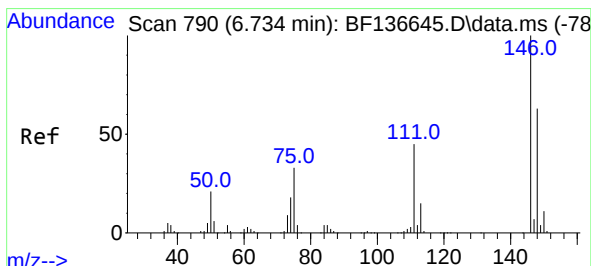
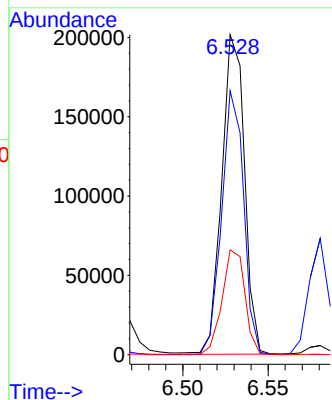
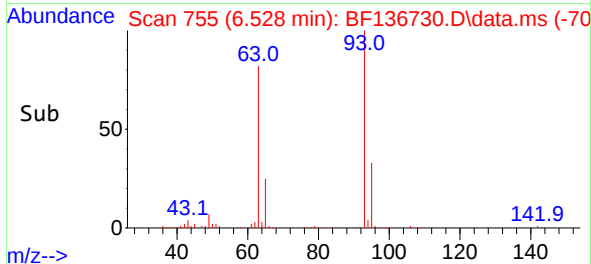
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion: 93 Resp: 18738
Ion Ratio Lower Upper
93 100
63 82.5 61.2 101.2
95 32.7 11.6 51.6

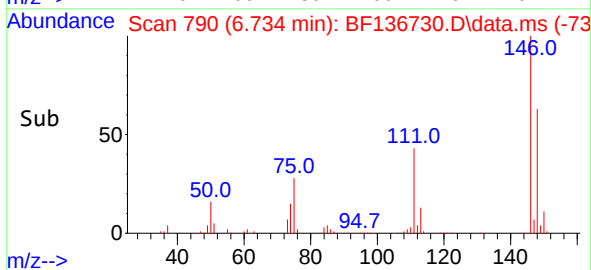
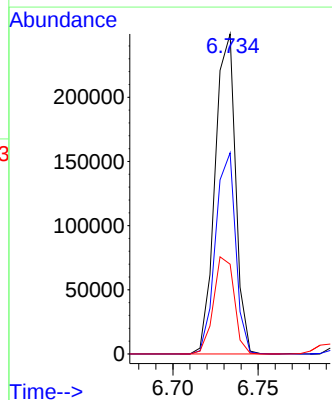
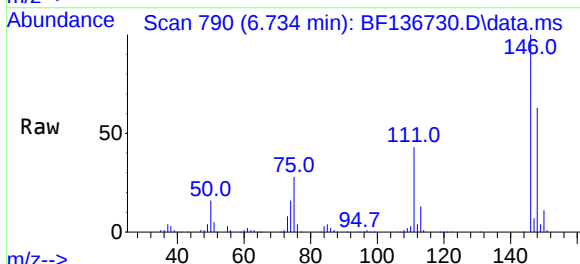
Manual Integrations
APPROVED

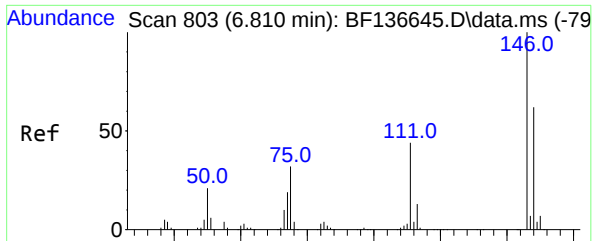
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#12
1,3-Dichlorobenzene
Concen: 40.367 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

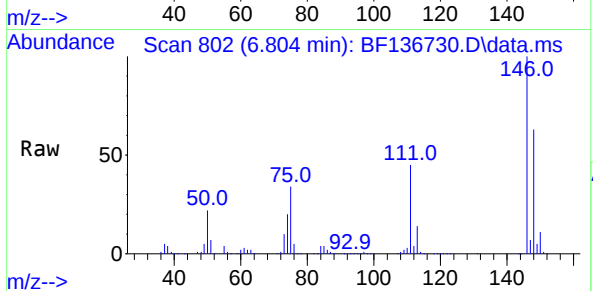
Tgt Ion:146 Resp: 208696
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
75 28.0 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 39.925 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

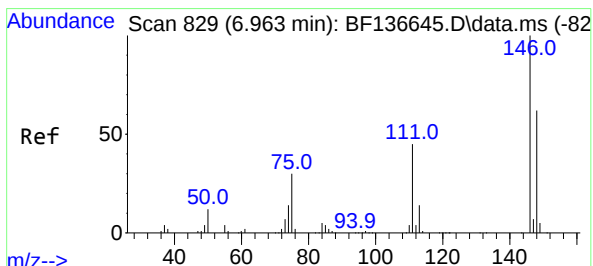
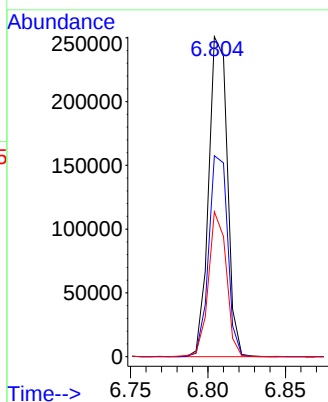
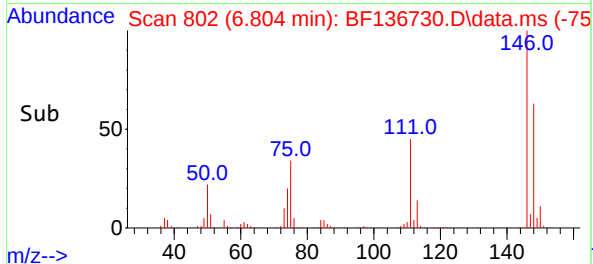
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



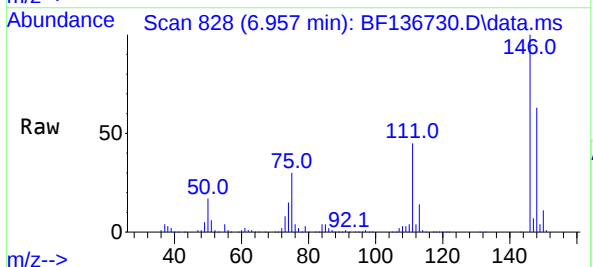
Tgt Ion:146 Resp: 210904
Ion Ratio Lower Upper
146 100
148 62.8 49.2 73.8
111 45.3 35.2 52.8

Manual Integrations
APPROVED

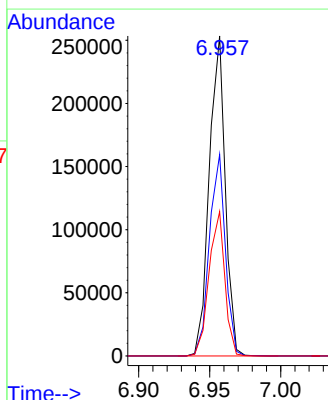
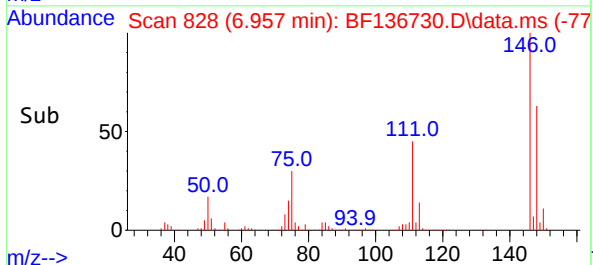
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

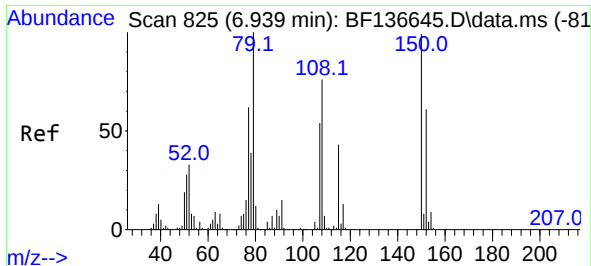


#14
1,2-Dichlorobenzene
Concen: 40.332 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



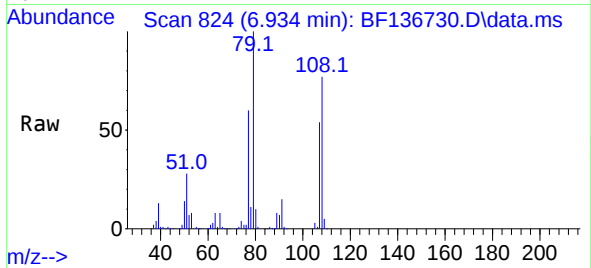
Tgt Ion:146 Resp: 198253
Ion Ratio Lower Upper
146 100
148 62.9 49.6 74.4
111 45.1 36.2 54.2





#15
Benzyl Alcohol
Concen: 44.937 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

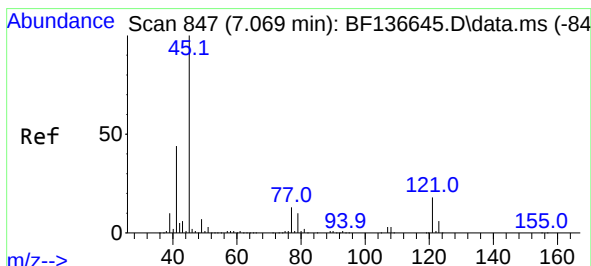
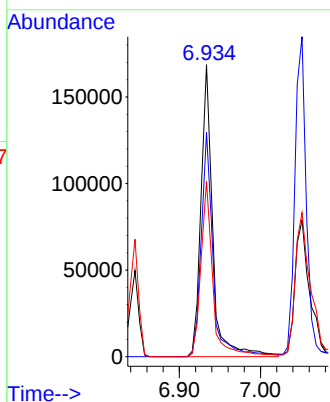
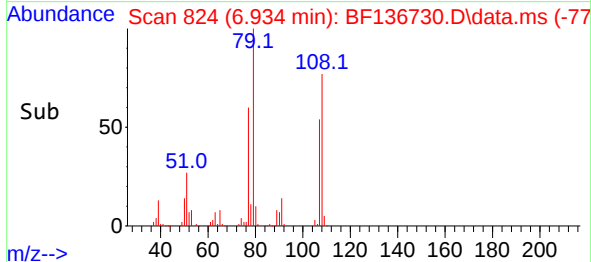
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion: 79 Resp: 170119
Ion Ratio Lower Upper
79 100
108 76.8 61.0 91.6
77 60.0 49.8 74.8

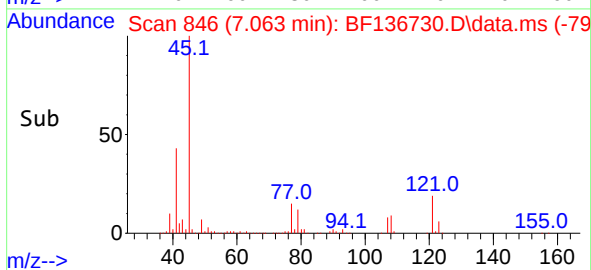
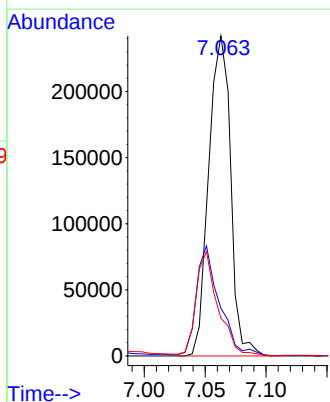
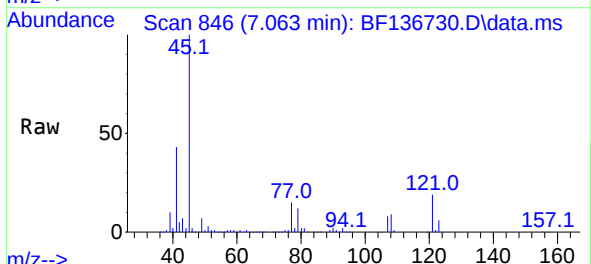
Manual Integrations
APPROVED

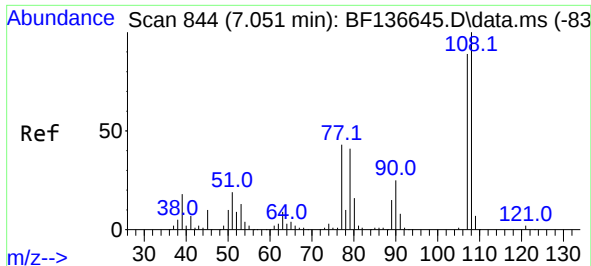
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.613 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

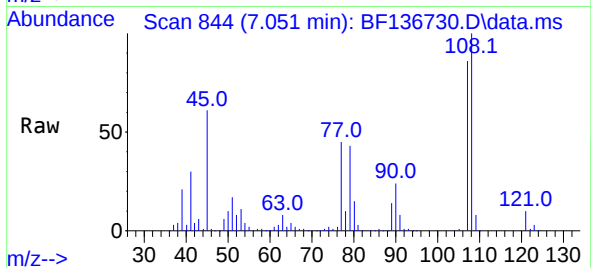
Tgt Ion: 45 Resp: 302491
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.3
79 11.8 0.0 31.4





#17
2-Methylphenol
Concen: 40.304 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

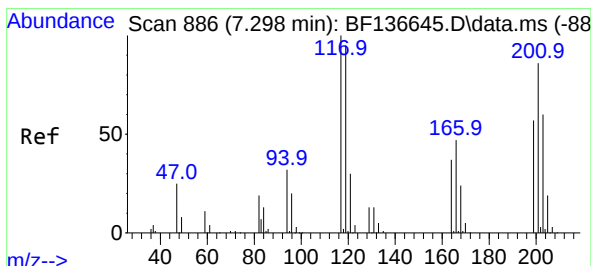
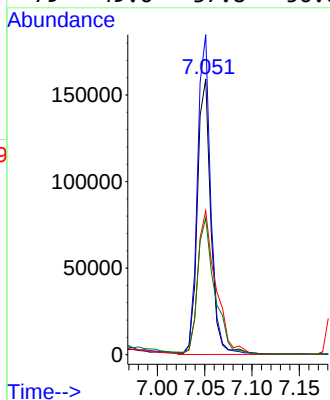
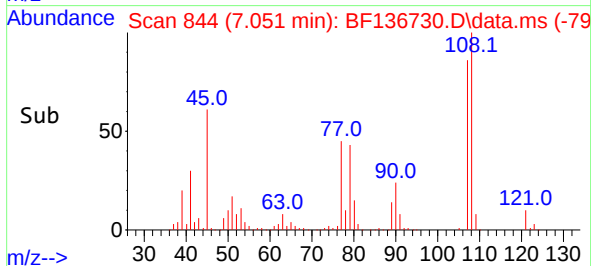
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



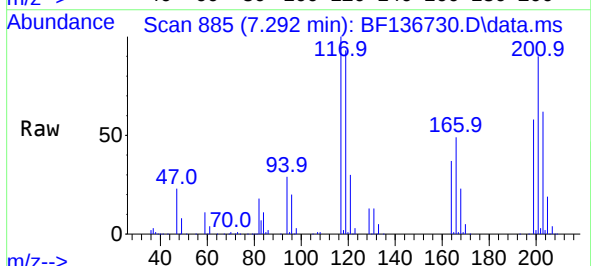
Tgt Ion:107 Resp: 158238
Ion Ratio Lower Upper
107 100
108 116.1 90.3 135.5
77 52.2 38.7 58.1
79 49.6 37.8 56.6

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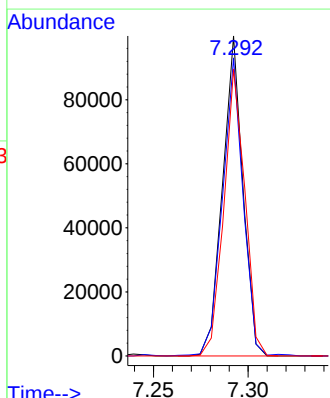
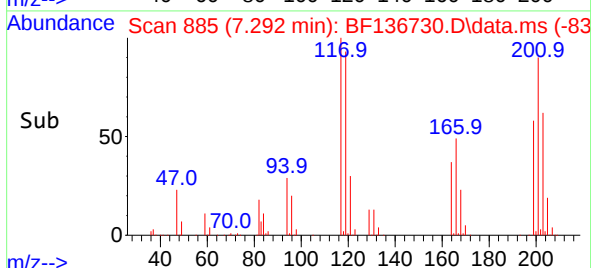
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

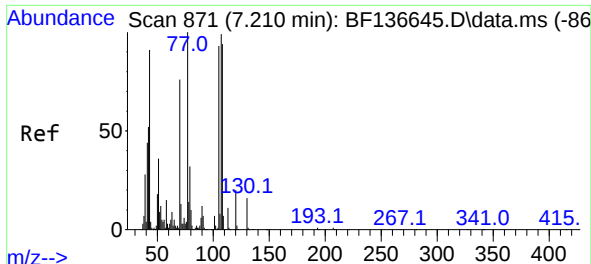


#18
Hexachloroethane
Concen: 38.800 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



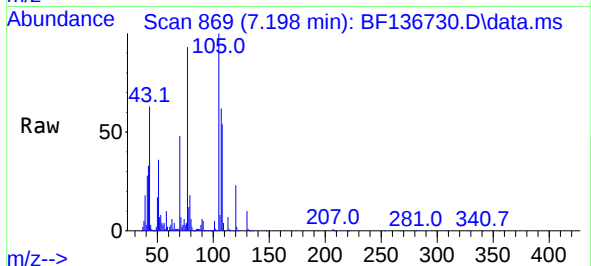
Tgt Ion:117 Resp: 74436
Ion Ratio Lower Upper
117 100
119 93.2 75.8 113.6
201 89.7 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.112 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

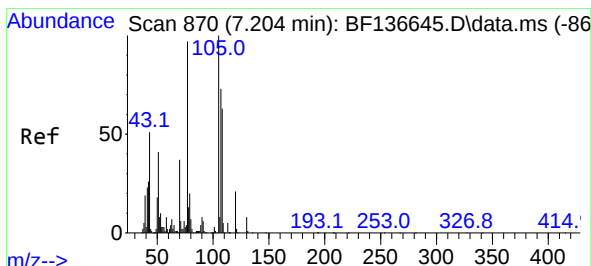
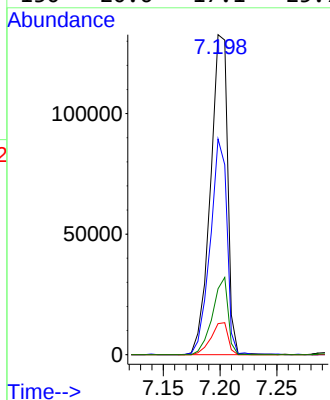
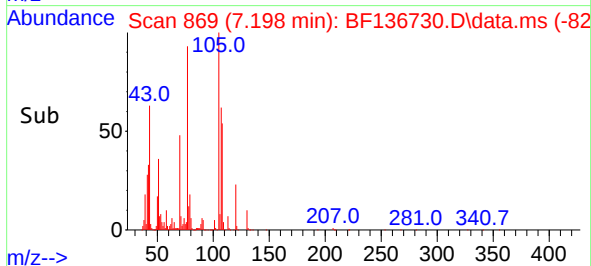
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



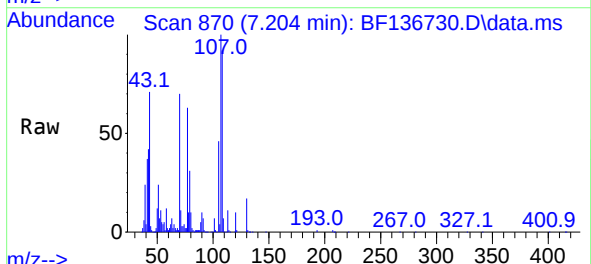
Tgt Ion: 70 Resp: 13985
Ion Ratio Lower Upper
70 100
42 67.4 54.2 81.4
101 9.7 7.6 11.4
130 20.6 17.1 25.7

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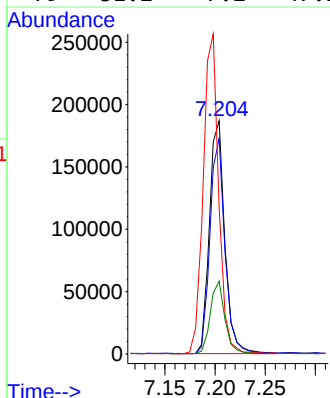
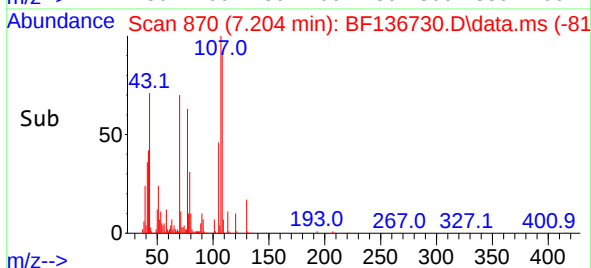
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

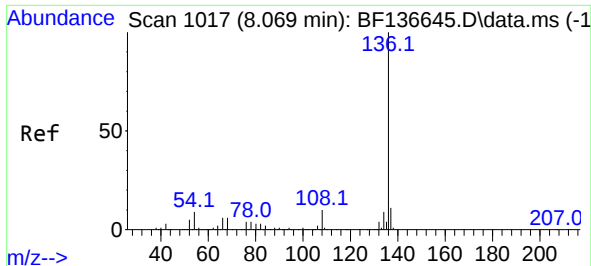


#20
3+4-Methylphenols
Concen: 40.758 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



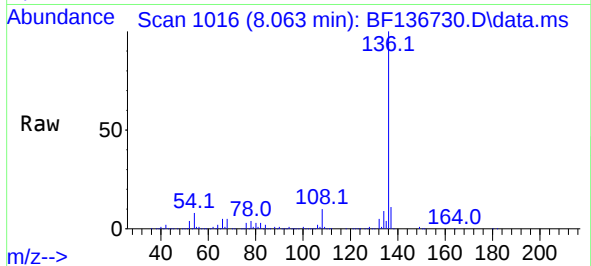
Tgt Ion:107 Resp: 199917
Ion Ratio Lower Upper
107 100
108 92.4 66.0 106.0
77 62.6 114.2 154.2#
79 31.2 7.2 47.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

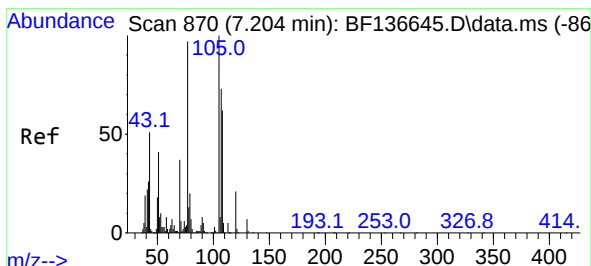
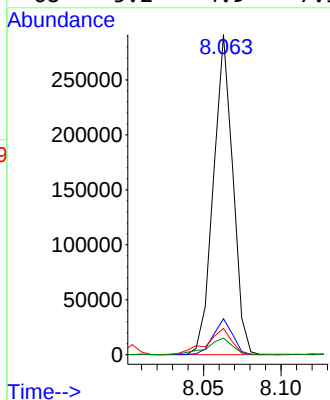
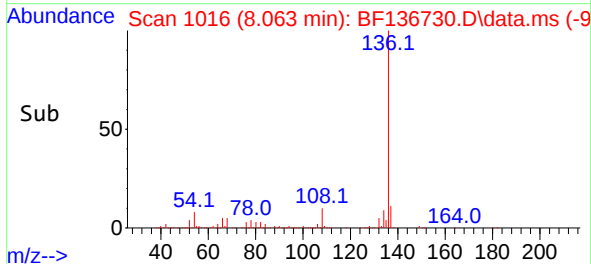
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion:136 Resp: 254320
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 8.2 7.2 10.8
68 5.2 4.9 7.3

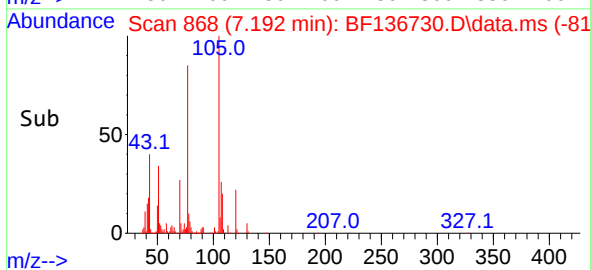
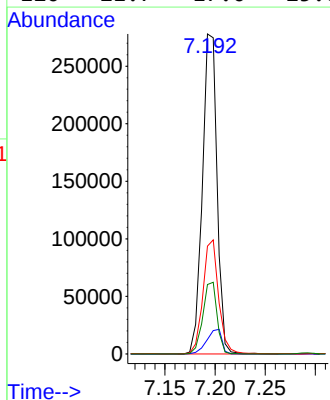
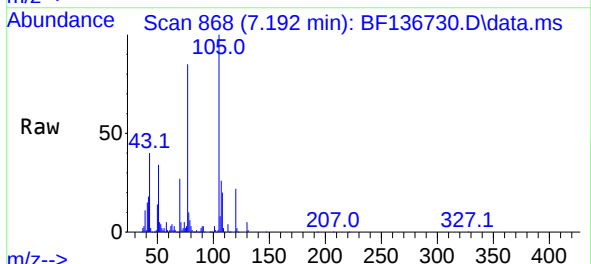
Manual Integrations
APPROVED

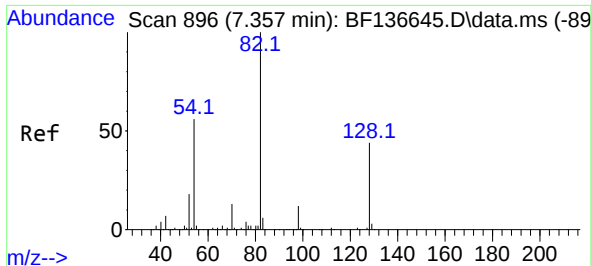
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#22
Acetophenone
Concen: 44.548 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

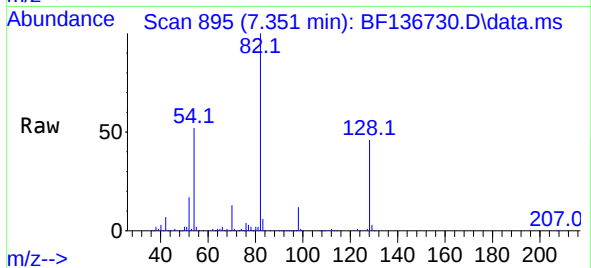
Tgt Ion:105 Resp: 283971
Ion Ratio Lower Upper
105 100
71 4.5 4.8 7.2#
51 33.7 32.8 49.2
120 21.7 17.0 25.6





#23
Nitrobenzene-d5
Concen: 53.652 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

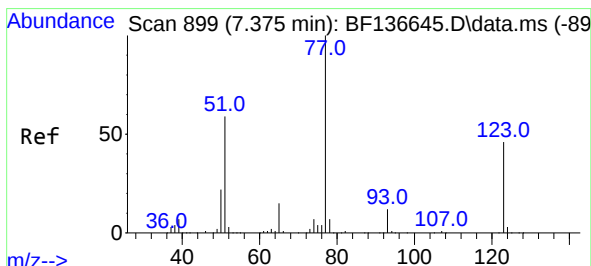
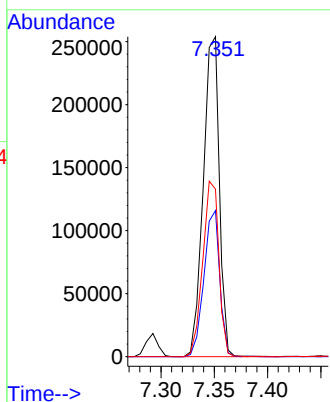
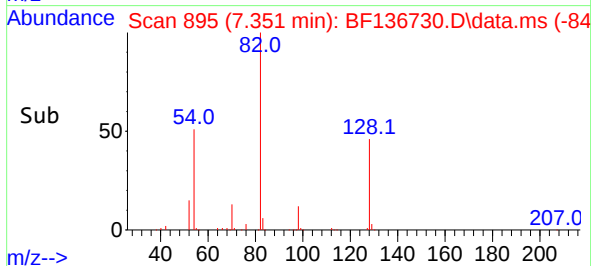
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion: 82 Resp: 26665
Ion Ratio Lower Upper
82 100
128 45.7 35.3 52.9
54 52.3 44.5 66.7

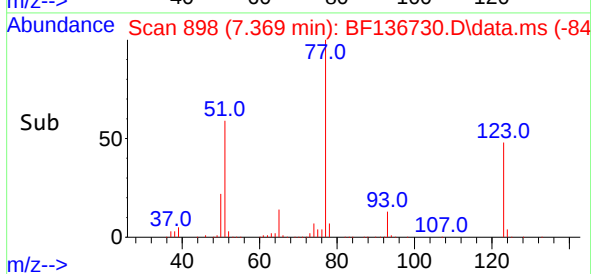
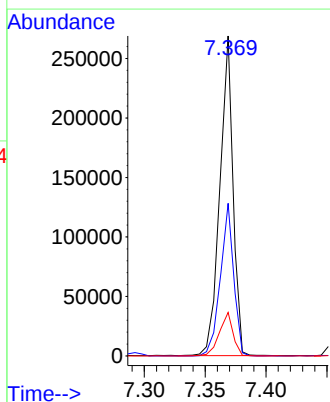
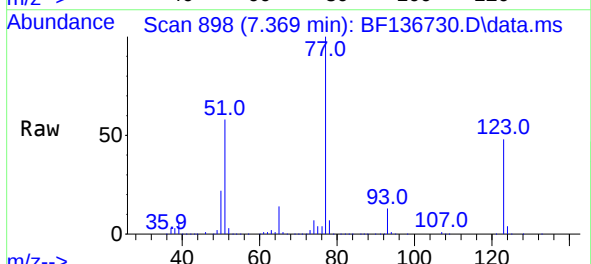
Manual Integrations
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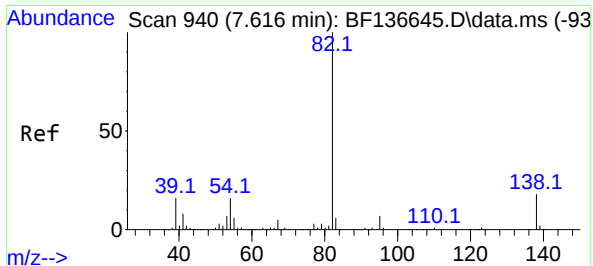
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#24
Nitrobenzene
Concen: 40.902 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion: 77 Resp: 203636
Ion Ratio Lower Upper
77 100
123 47.7 36.7 55.1
65 13.6 11.8 17.6





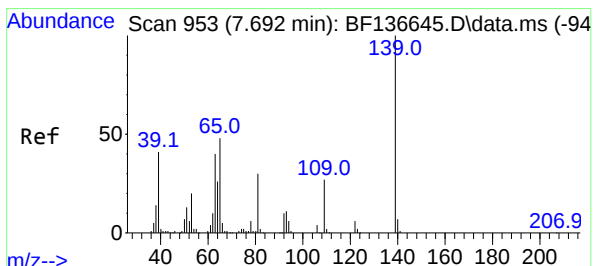
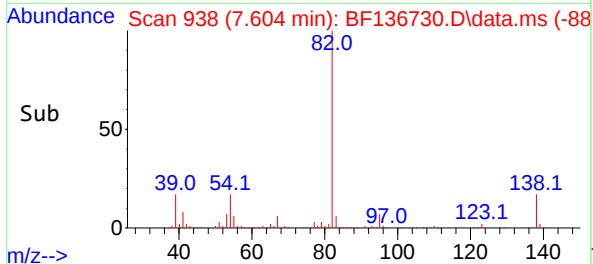
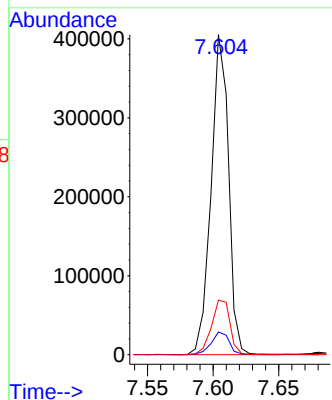
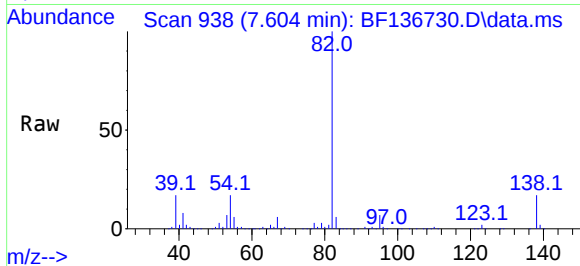
#25
Isophorone
Concen: 41.536 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

Tgt Ion: 82 Resp: 37563
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.0 14.5 21.7

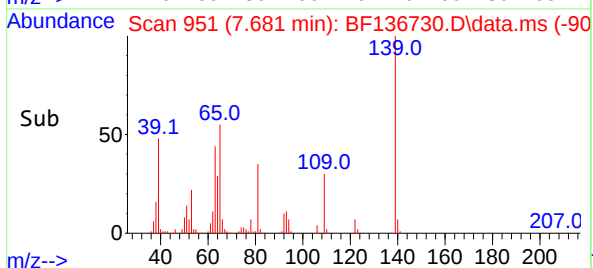
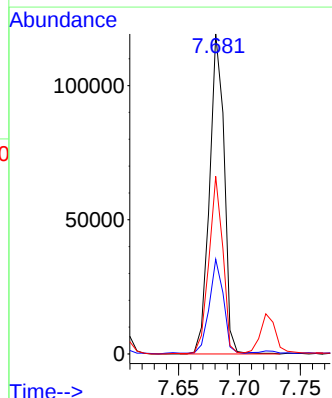
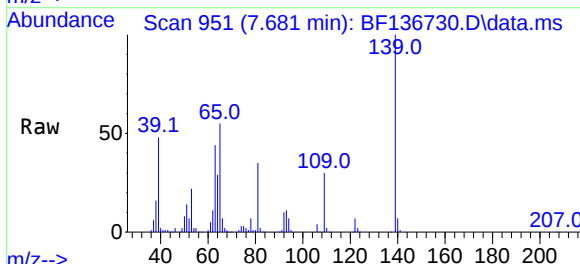
Manual Integrations
APPROVED

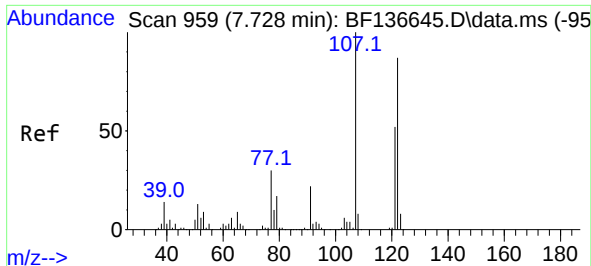
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#26
2-Nitrophenol
Concen: 41.980 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

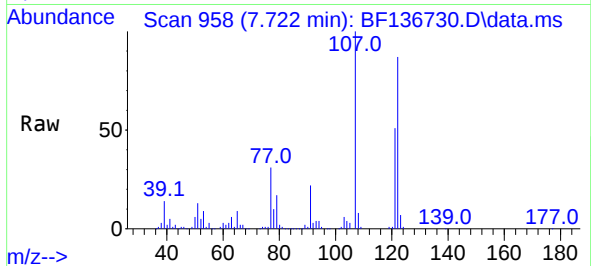
Tgt Ion:139 Resp: 99996
Ion Ratio Lower Upper
139 100
109 29.6 21.9 32.9
65 55.5 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 45.423 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

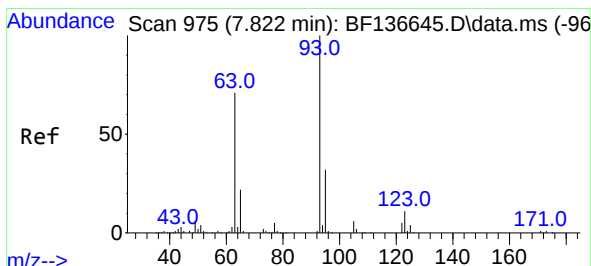
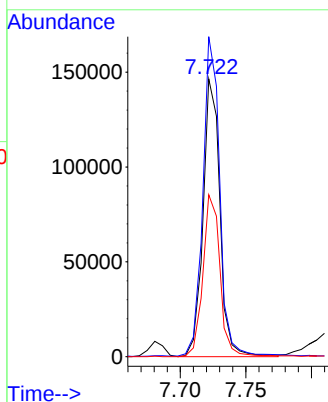
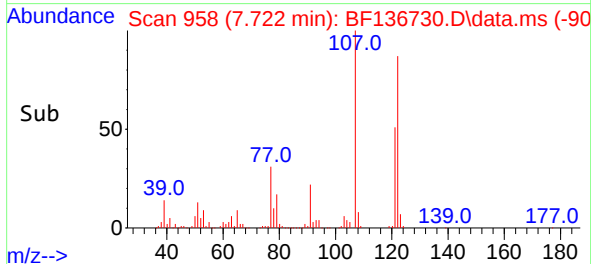
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion:122 Resp: 131724
Ion Ratio Lower Upper
122 100
107 115.2 92.0 138.0
121 58.3 47.5 71.3

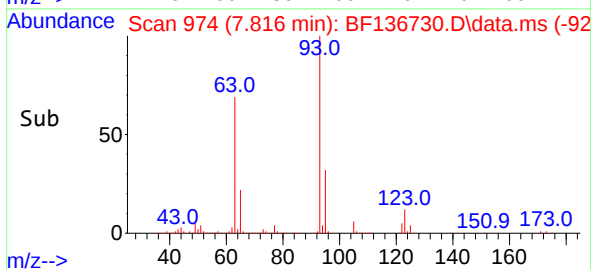
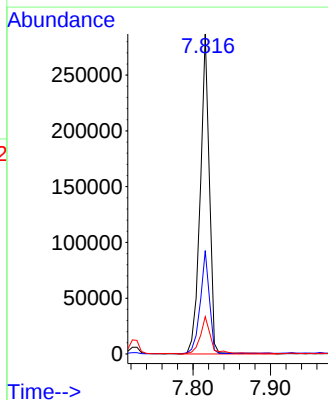
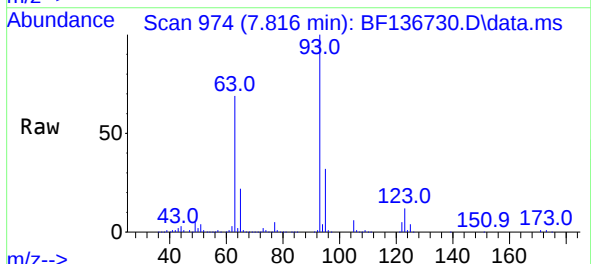
Manual Integrations
APPROVED

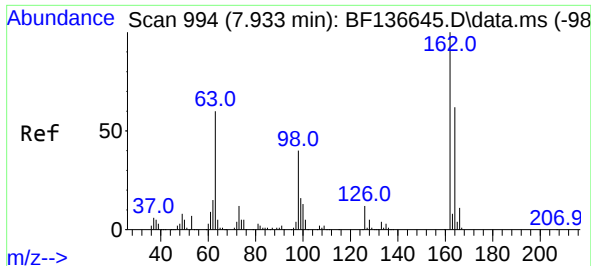
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.604 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

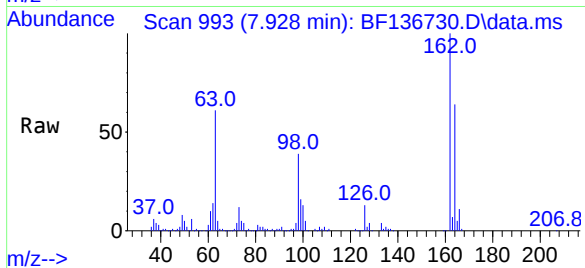
Tgt Ion: 93 Resp: 234195
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 11.6 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 42.091 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

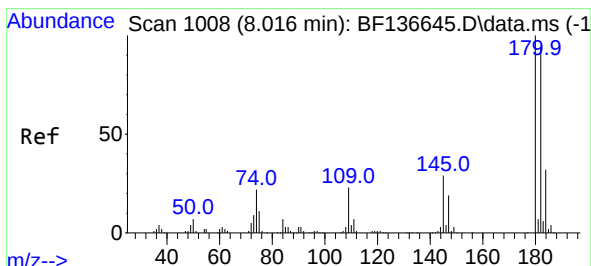
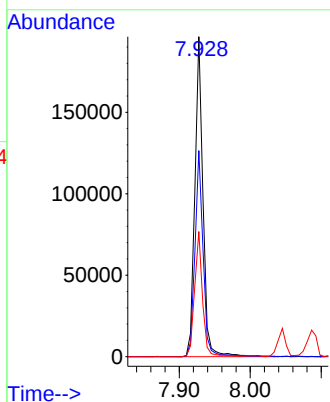
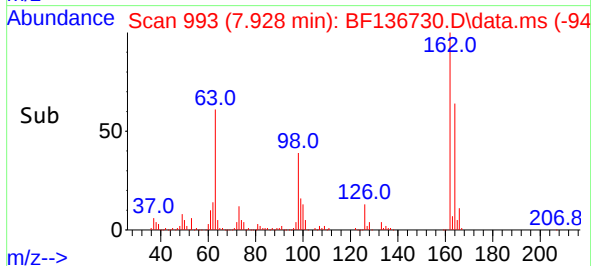
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



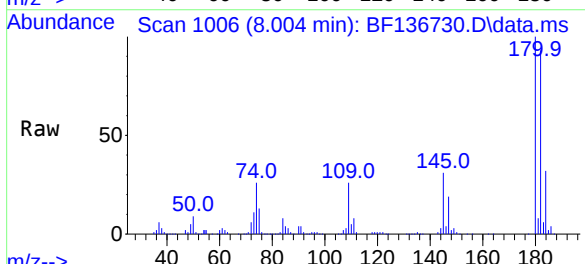
Tgt Ion:162 Resp: 15714
Ion Ratio Lower Upper
162 100
164 64.4 41.7 81.7
98 39.1 19.5 59.5

Manual Integrations
APPROVED

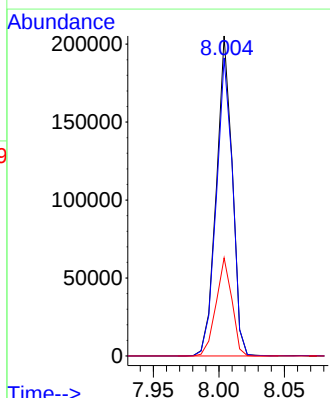
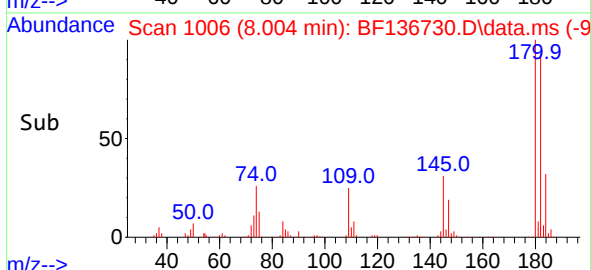
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

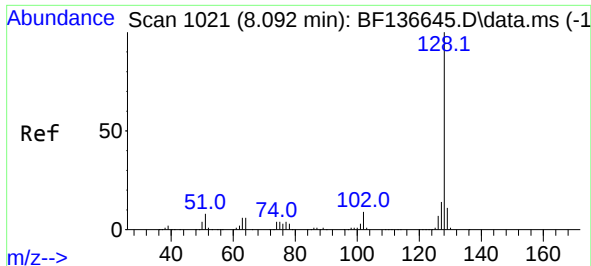


#30
1,2,4-Trichlorobenzene
Concen: 41.427 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



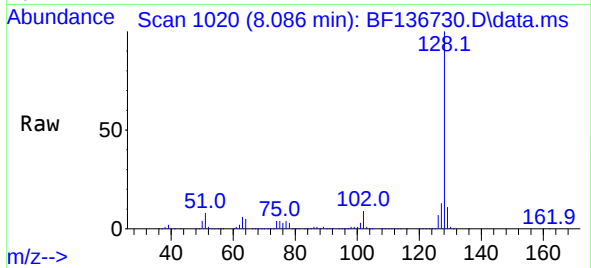
Tgt Ion:180 Resp: 172326
Ion Ratio Lower Upper
180 100
182 93.2 75.4 113.0
145 30.7 23.1 34.7





#31
Naphthalene
Concen: 80.543 ng
RT: 8.086 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

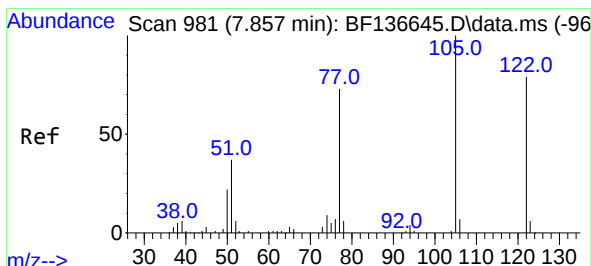
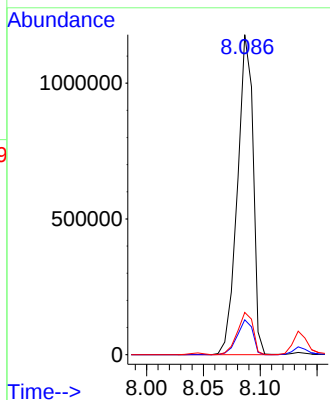
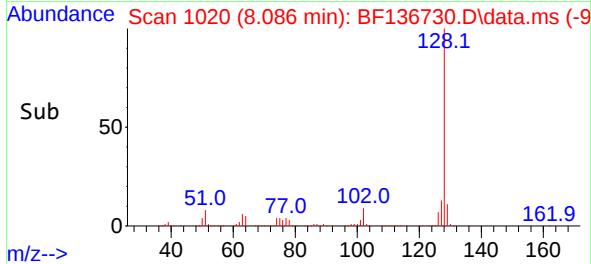
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion:128 Resp: 1125320
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.8 16.2

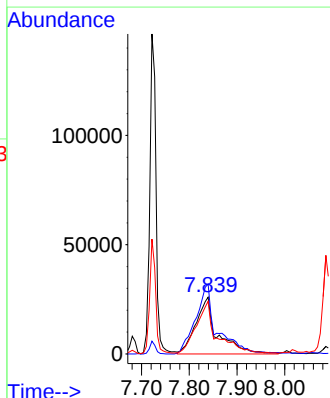
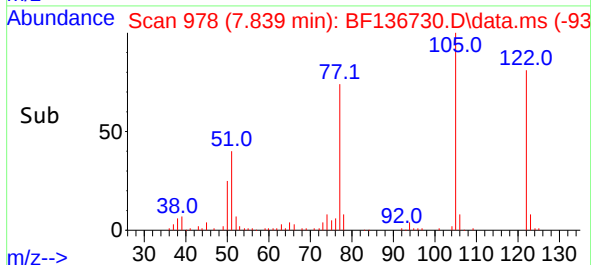
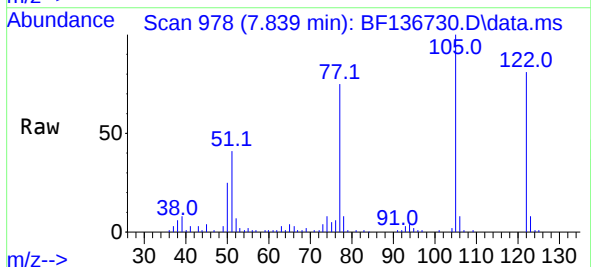
Manual Integrations
APPROVED

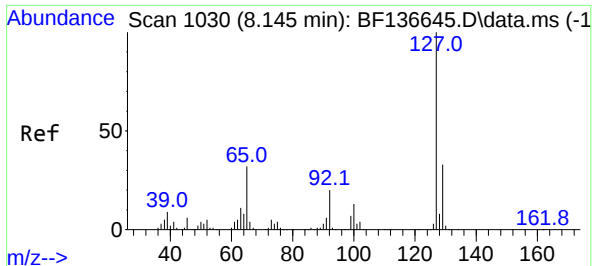
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#32
Benzoic acid
Concen: 29.417 ng m
RT: 7.839 min Scan# 978
Delta R.T. -0.018 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:122 Resp: 82540
Ion Ratio Lower Upper
122 100
105 123.3 100.8 140.8
77 92.7 70.9 110.9





#33

4-Chloroaniline

Concen: 15.817 ng

RT: 8.133 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

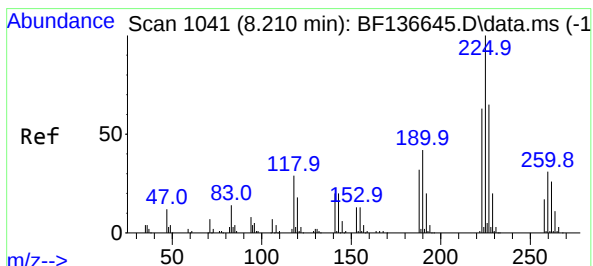
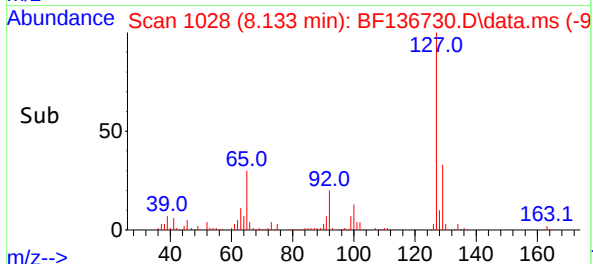
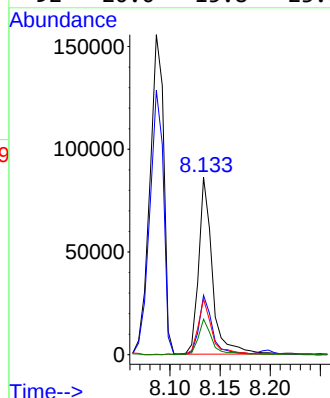
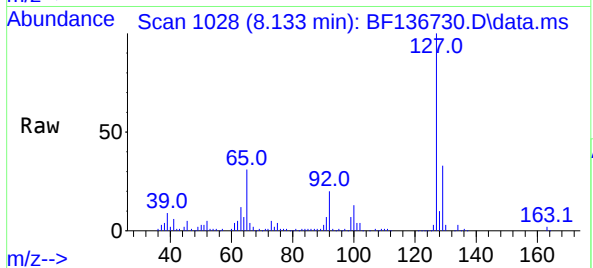
Tgt Ion:127	Resp: 81592
Ion Ratio	Lower Upper
127 100	
129 33.4	26.3 39.5
65 31.3	25.8 38.8
92 20.0	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#34

Hexachlorobutadiene

Concen: 39.915 ng

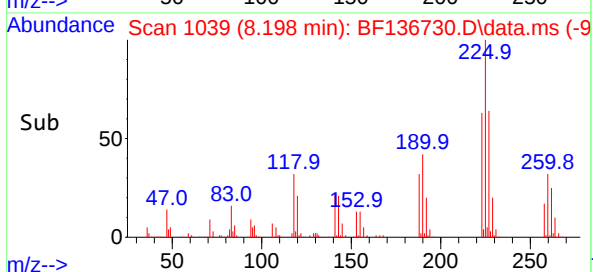
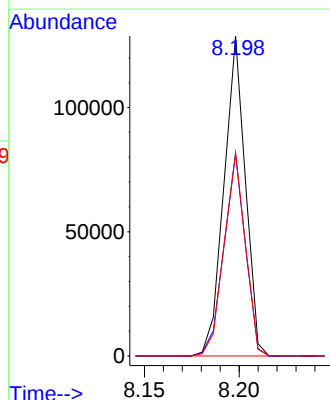
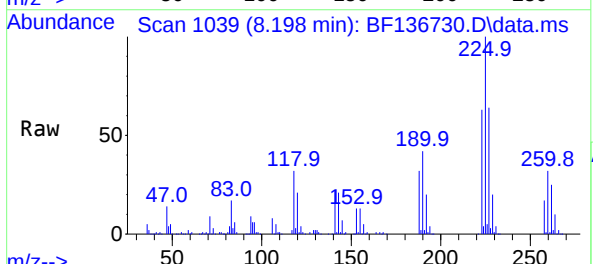
RT: 8.198 min Scan# 1039

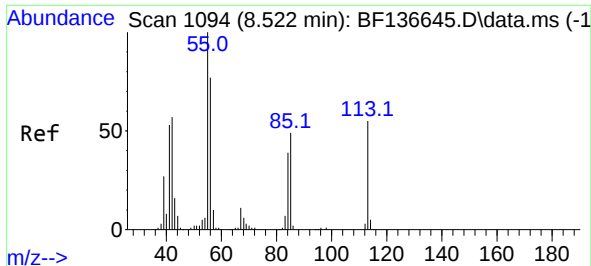
Delta R.T. -0.012 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

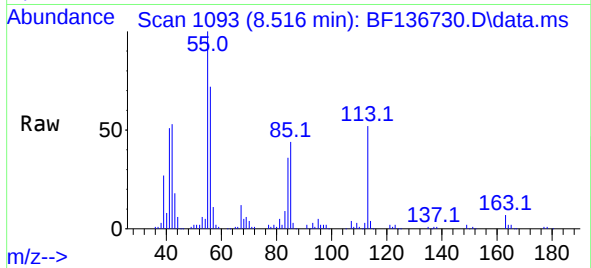
Tgt Ion:225	Resp: 100878
Ion Ratio	Lower Upper
225 100	
223 63.2	50.6 76.0
227 63.5	51.9 77.9





#35
Caprolactam
Concen: 39.940 ng
RT: 8.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

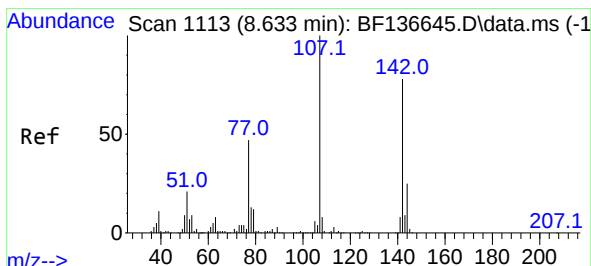
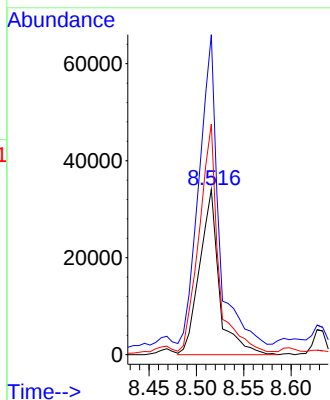
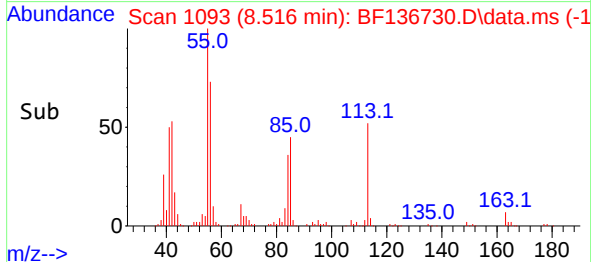
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



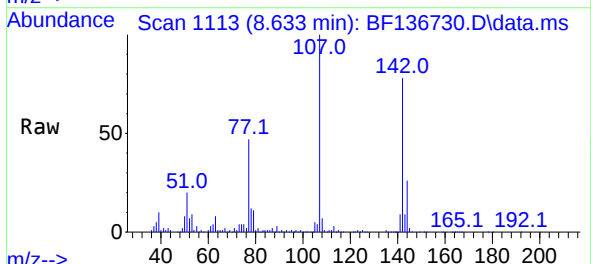
Tgt Ion:113 Resp: 49192
Ion Ratio Lower Upper
113 100
55 193.6 163.1 203.1
56 139.6 121.7 161.7

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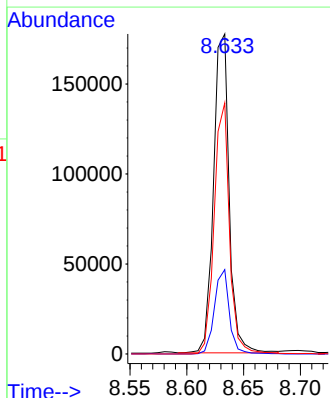
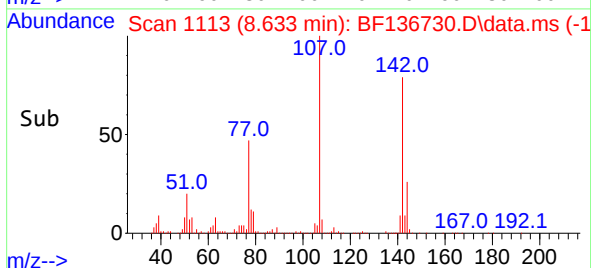
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

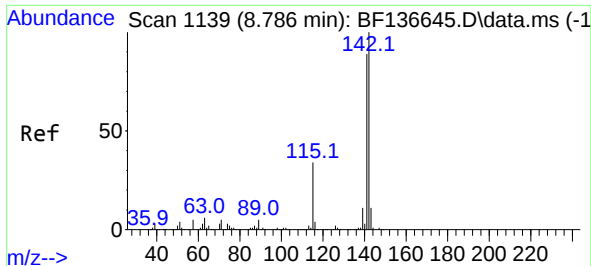


#36
4-Chloro-3-methylphenol
Concen: 40.503 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



Tgt Ion:107 Resp: 170234
Ion Ratio Lower Upper
107 100
144 26.3 20.2 30.2
142 78.4 62.3 93.5





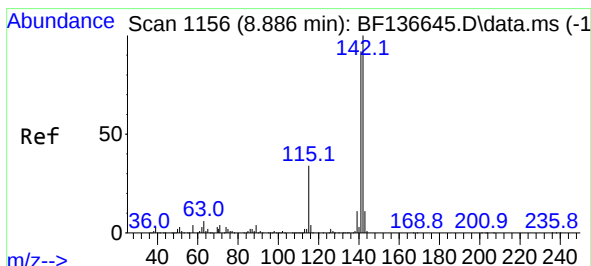
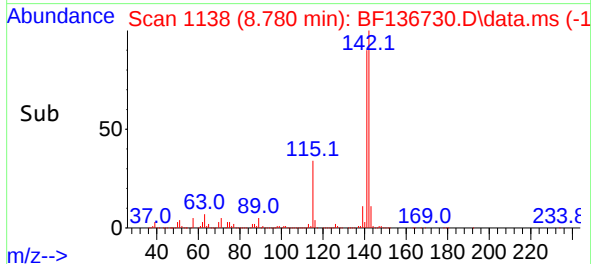
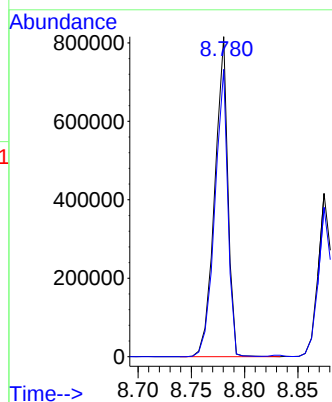
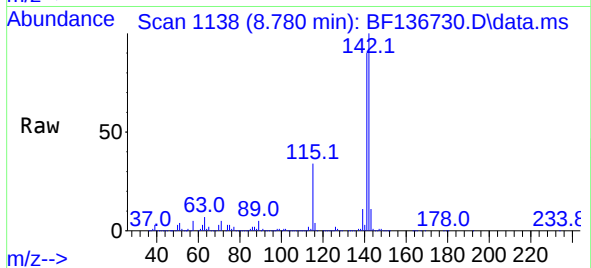
#37
2-Methylnaphthalene
Concen: 77.588 ng
RT: 8.780 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

Tgt Ion:142 Resp: 69765
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7

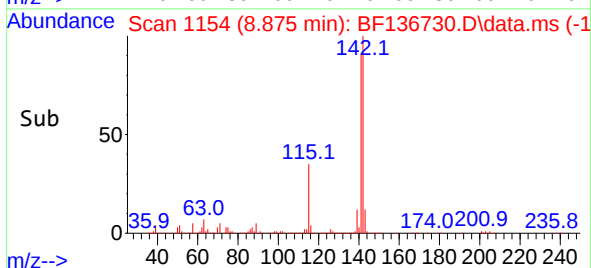
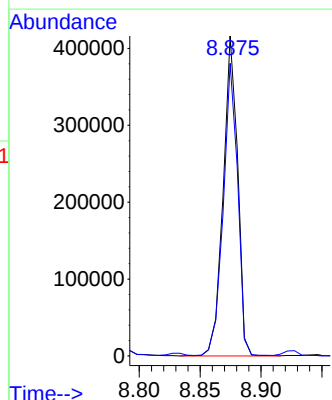
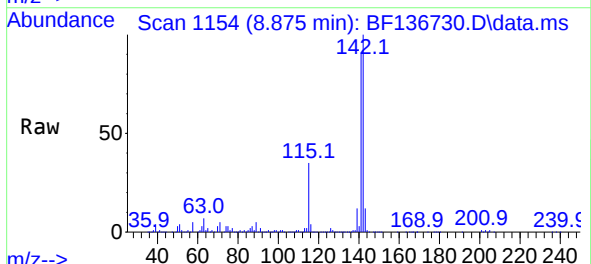
Manual Integrations
APPROVED

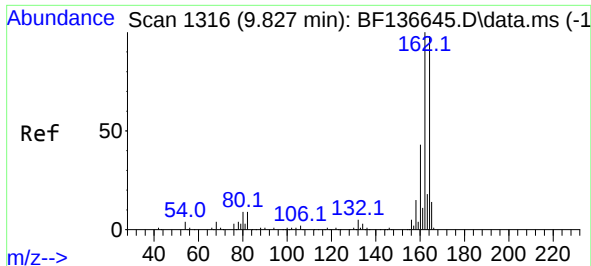
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#38
1-Methylnaphthalene
Concen: 39.151 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

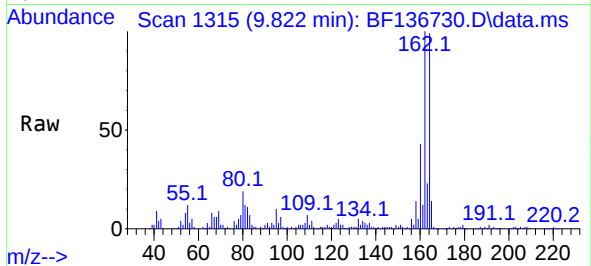
Tgt Ion:142 Resp: 345380
Ion Ratio Lower Upper
142 100
141 91.4 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

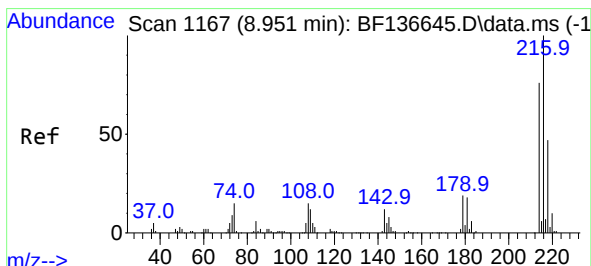
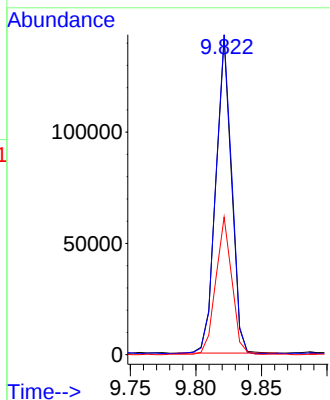
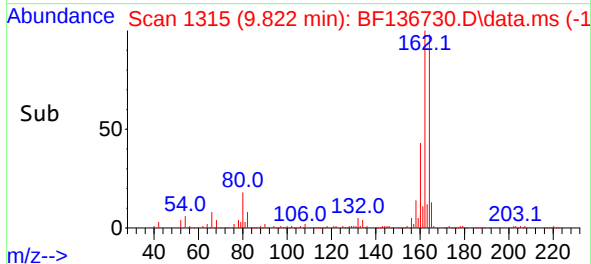
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



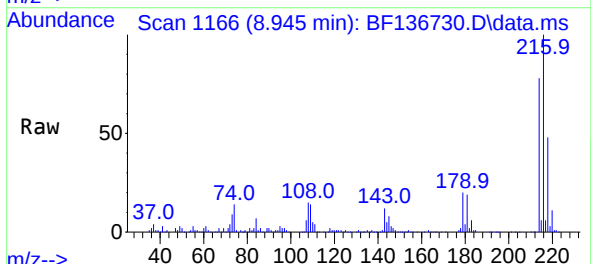
Tgt Ion:164 Resp: 117572
Ion Ratio Lower Upper
164 100
162 101.3 81.6 122.4
160 43.6 34.9 52.3

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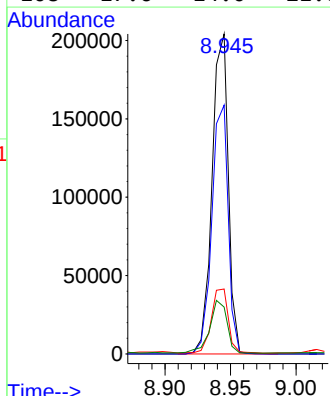
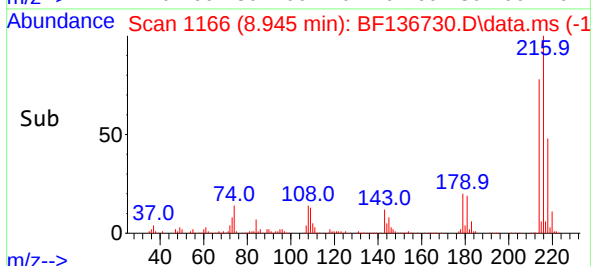
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

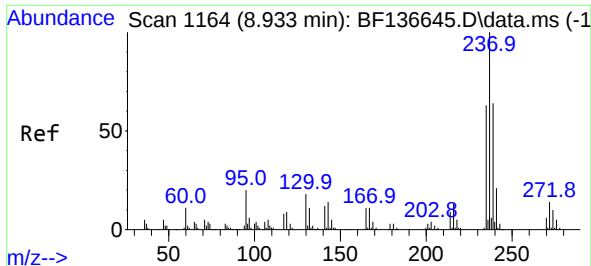


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.234 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



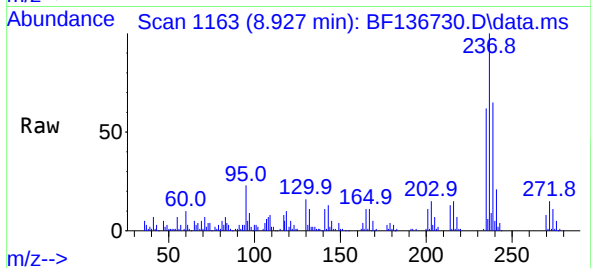
Tgt Ion:216 Resp: 175628
Ion Ratio Lower Upper
216 100
214 78.5 62.3 93.5
179 20.9 16.4 24.6
108 17.6 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 43.239 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

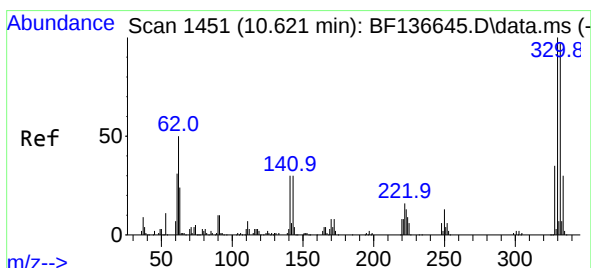
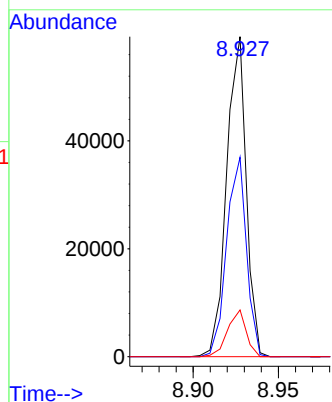
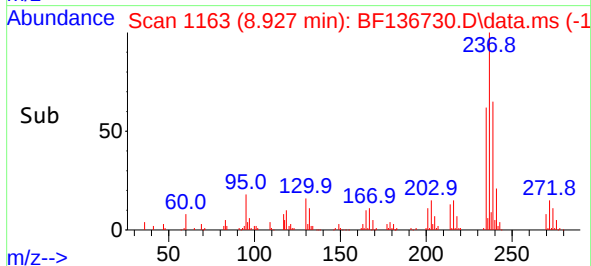
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



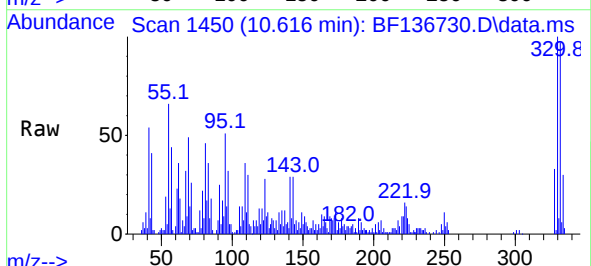
Tgt Ion:237 Resp: 47415
Ion Ratio Lower Upper
237 100
235 62.3 43.2 83.2
272 14.6 0.0 34.2

Manual Integrations
APPROVED

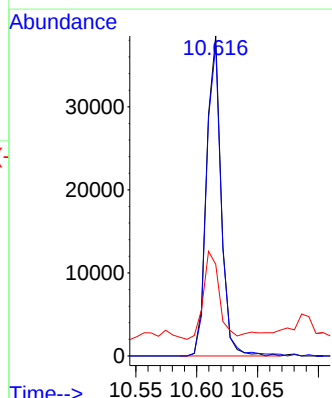
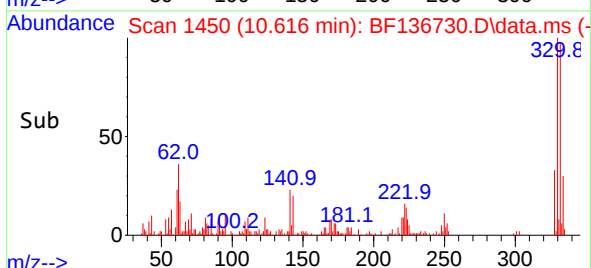
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

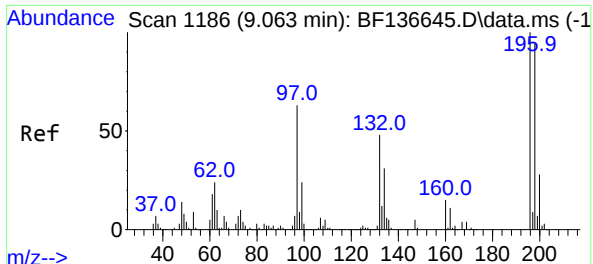


#42
2,4,6-Tribromophenol
Concen: 23.127 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



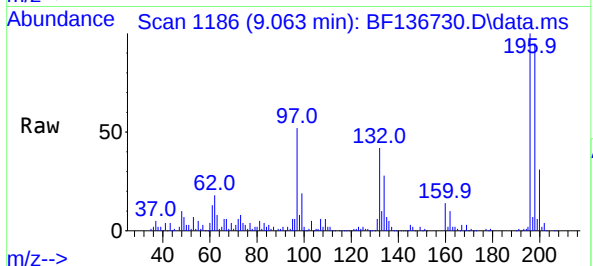
Tgt Ion:330 Resp: 32024
Ion Ratio Lower Upper
330 100
332 98.2 77.4 116.0
141 30.0 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 45.570 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

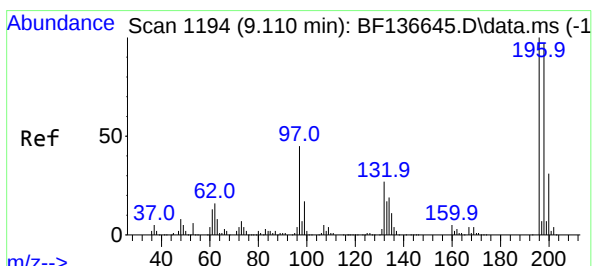
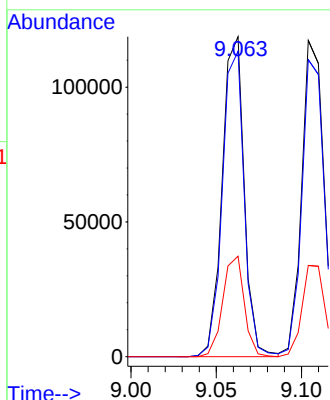
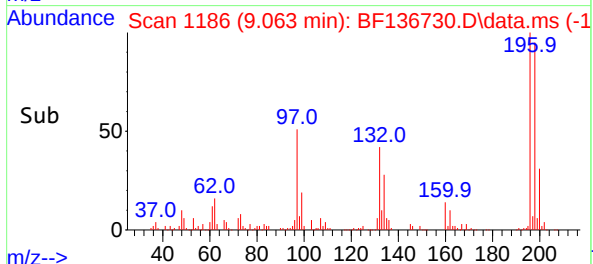
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



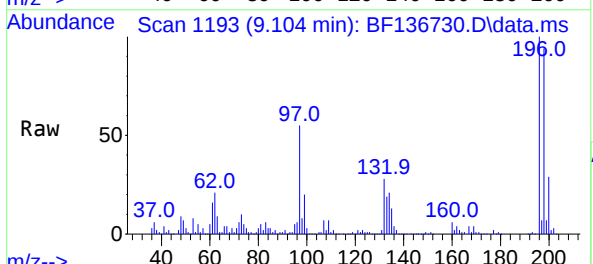
Tgt Ion:196 Resp: 106412
Ion Ratio Lower Upper
196 100
198 95.4 75.1 112.7
200 31.4 22.5 33.7

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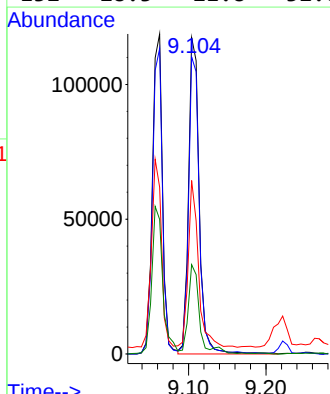
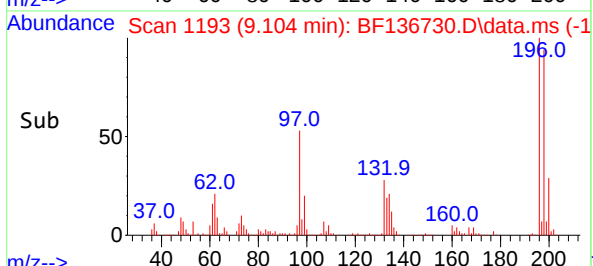
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

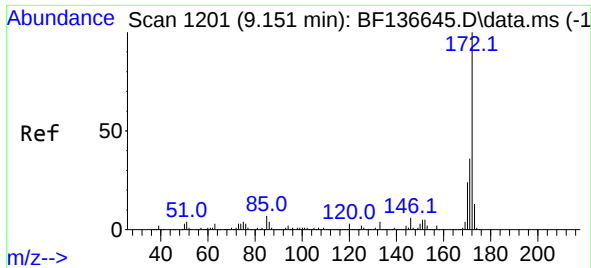


#44
2,4,5-Trichlorophenol
Concen: 43.195 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



Tgt Ion:196 Resp: 112400
Ion Ratio Lower Upper
196 100
198 93.9 77.0 115.6
97 54.9 36.1 54.1#
132 28.3 21.8 32.6





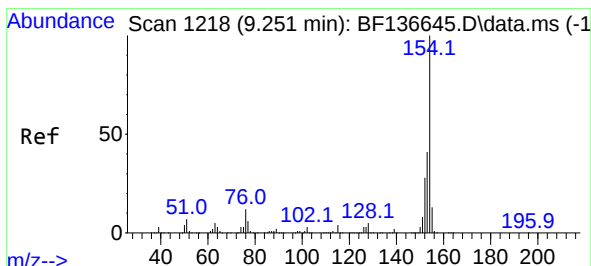
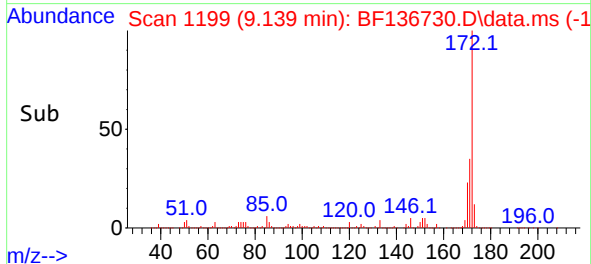
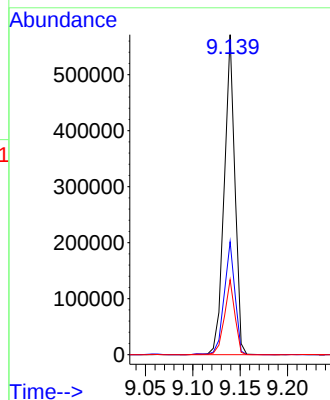
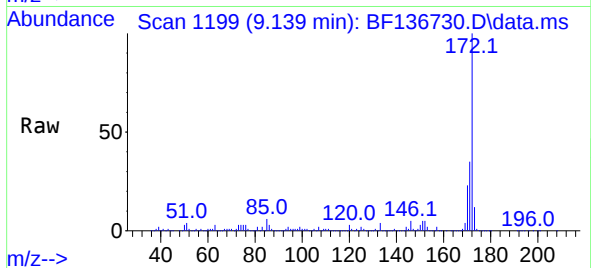
#45
2-Fluorobiphenyl
Concen: 51.410 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

Tgt Ion:172 Resp: 449402
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.6
170 23.5 19.0 28.4

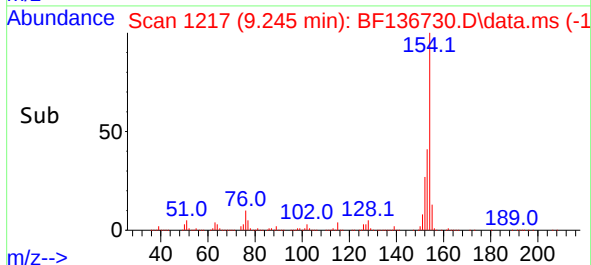
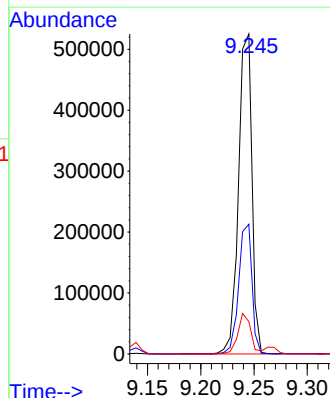
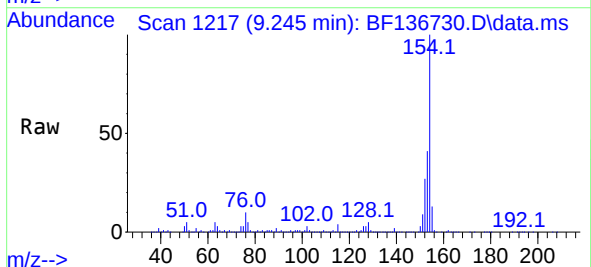
Manual Integrations
APPROVED

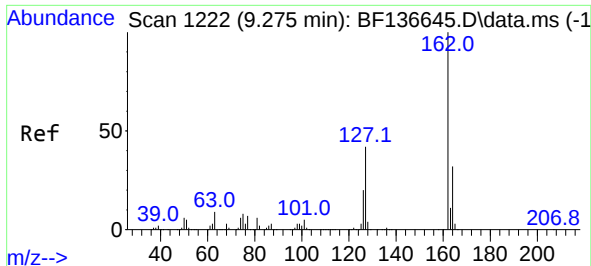
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#46
1,1'-Biphenyl
Concen: 46.877 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

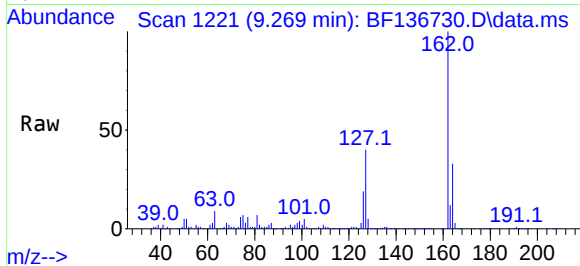
Tgt Ion:154 Resp: 462490
Ion Ratio Lower Upper
154 100
153 40.6 21.1 61.1
76 10.1 0.0 31.7





#47
2-Chloronaphthalene
Concen: 43.840 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

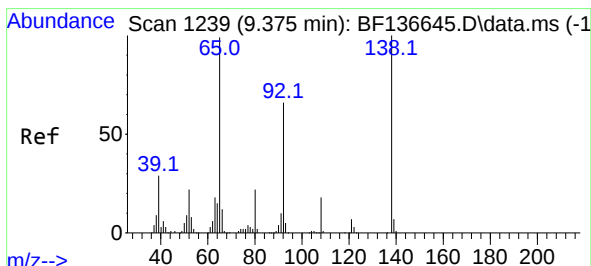
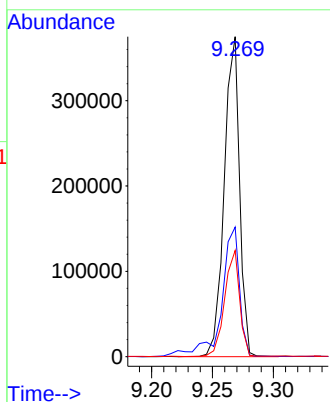
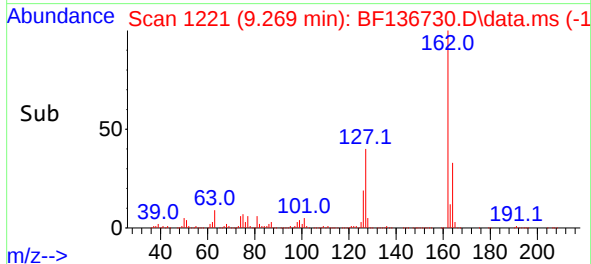
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion:162 Resp: 32881
Ion Ratio Lower Upper
162 100
127 40.5 33.6 50.4
164 33.2 25.7 38.5

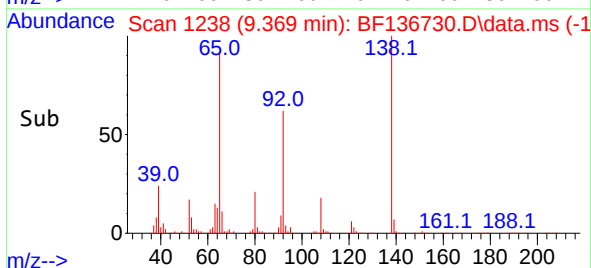
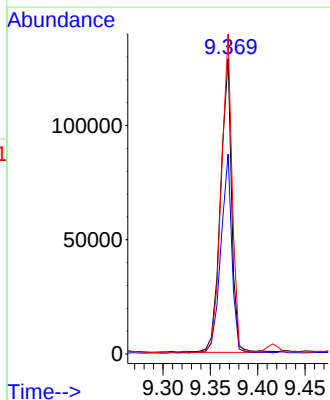
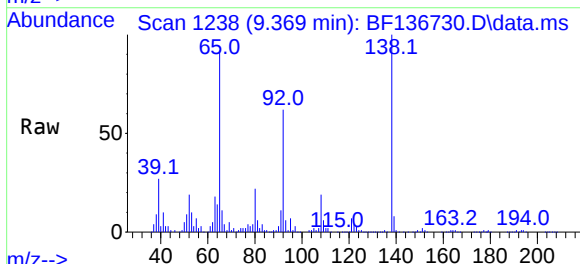
Manual Integrations
APPROVED

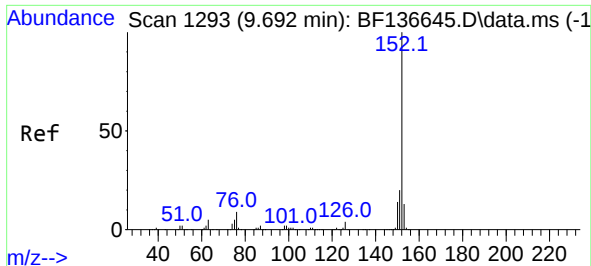
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#48
2-Nitroaniline
Concen: 45.437 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion: 65 Resp: 106719
Ion Ratio Lower Upper
65 100
92 67.7 53.2 79.8
138 108.4 81.1 121.7





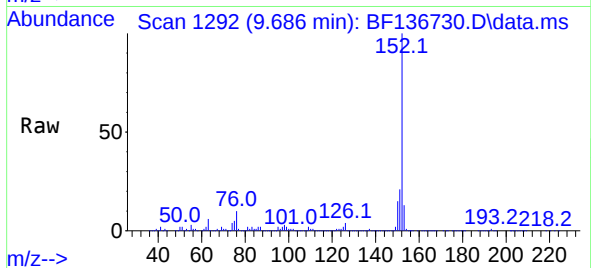
#49
Acenaphthylene
Concen: 90.182 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

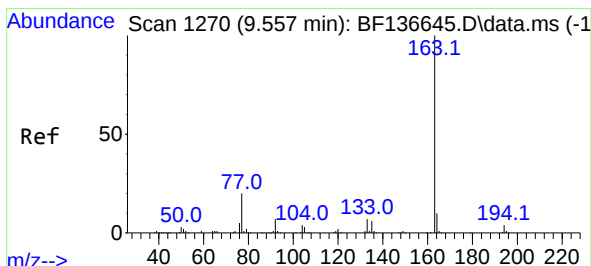
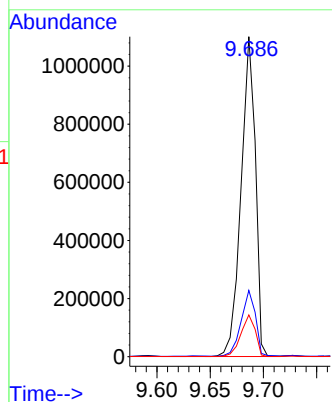
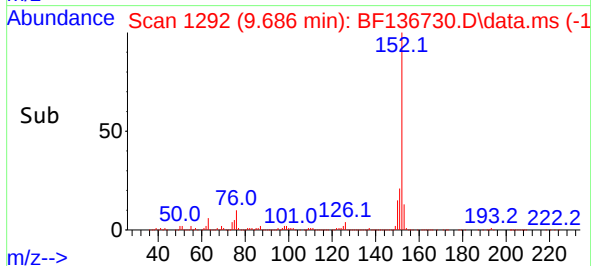


Tgt Ion:152 Resp: 103386
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.1 10.2 15.2

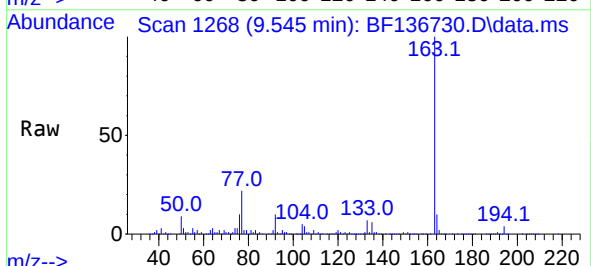
Manual Integrations

APPROVED

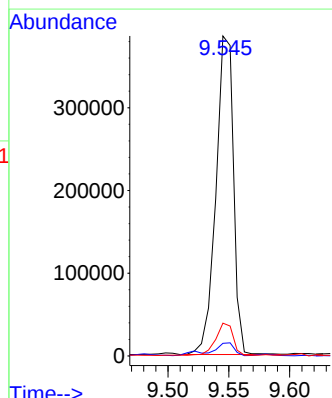
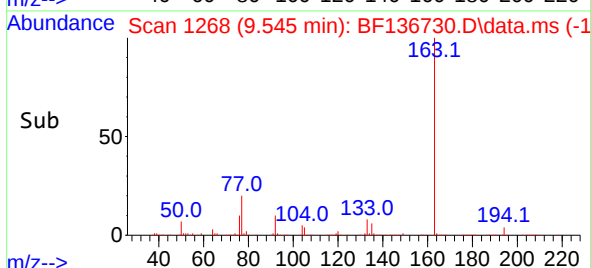
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

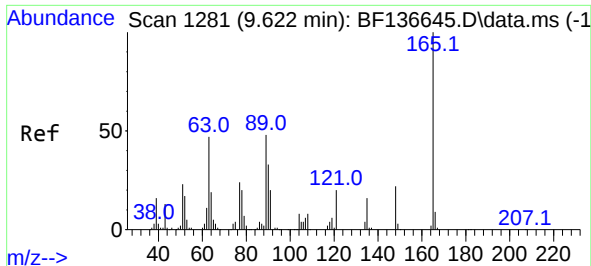


#50
Dimethylphthalate
Concen: 45.078 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



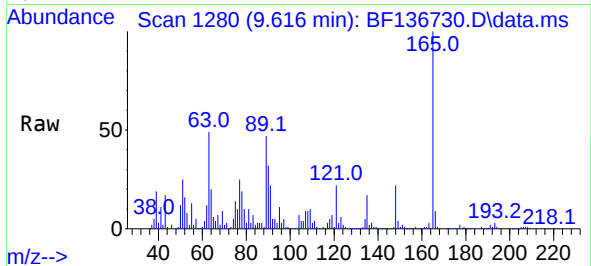
Tgt Ion:163 Resp: 387116
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 43.580 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

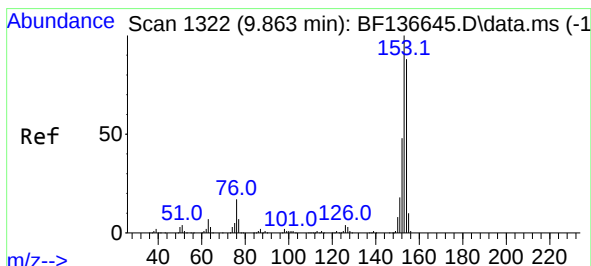
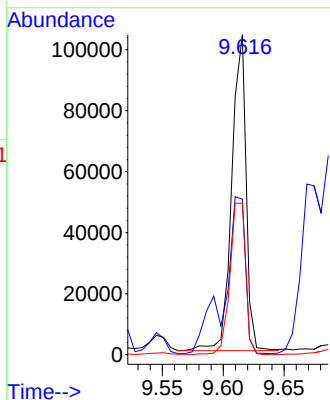
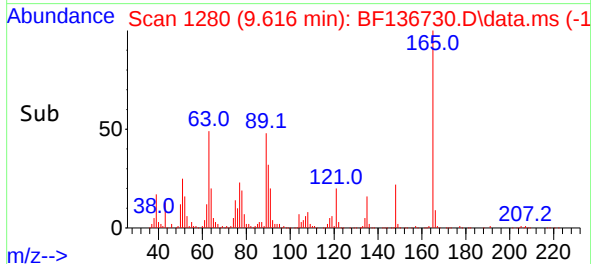
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



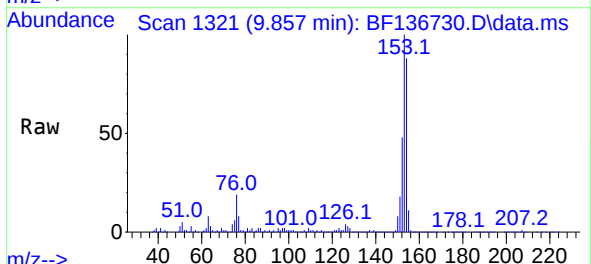
Tgt Ion:165 Resp: 84938
Ion Ratio Lower Upper
165 100
63 48.6 39.8 59.6
89 47.3 38.8 58.2

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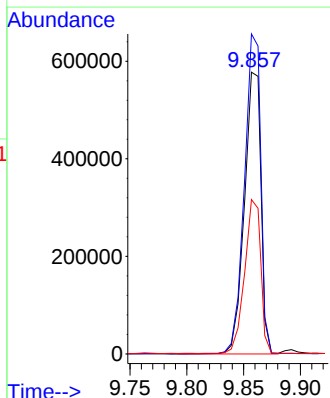
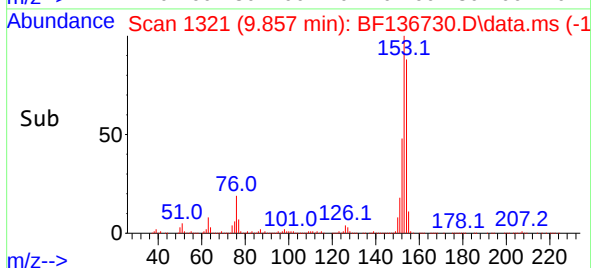
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

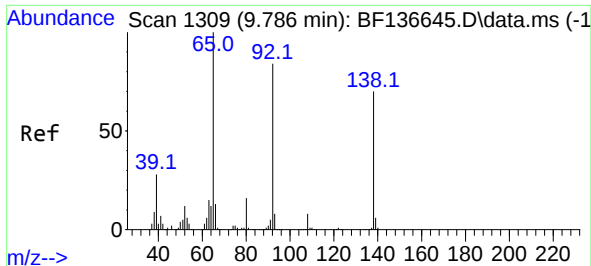


#52
Acenaphthene
Concen: 82.579 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



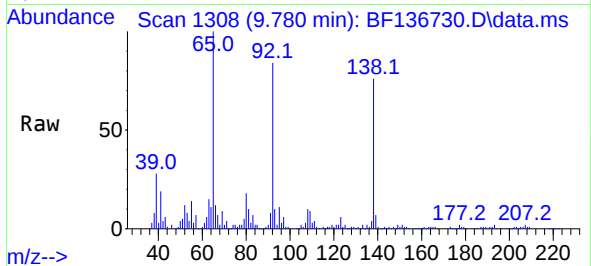
Tgt Ion:154 Resp: 586839
Ion Ratio Lower Upper
154 100
153 113.6 90.7 136.1
152 54.8 43.7 65.5





#53
3-Nitroaniline
Concen: 36.411 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

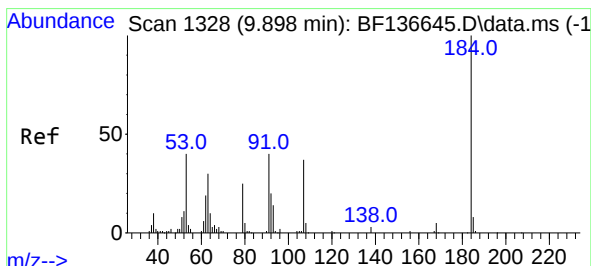
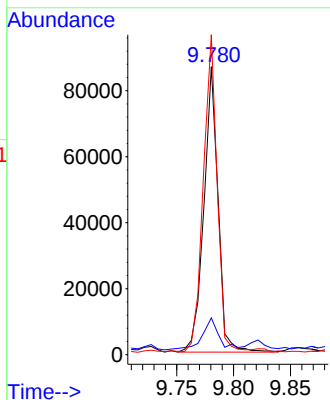
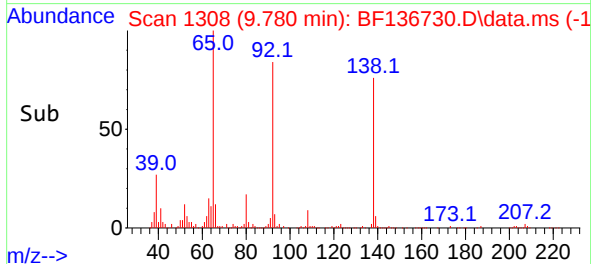
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



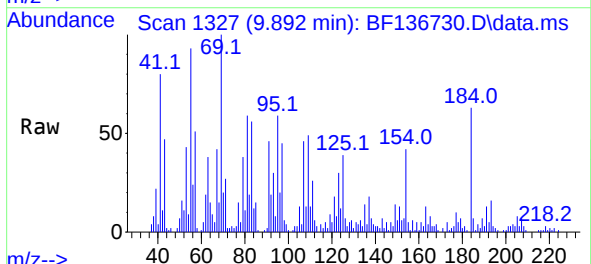
Tgt Ion:138 Resp: 75174
Ion Ratio Lower Upper
138 100
108 12.8 8.6 12.8
92 111.1 95.2 142.8

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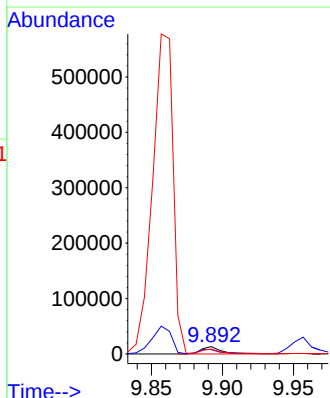
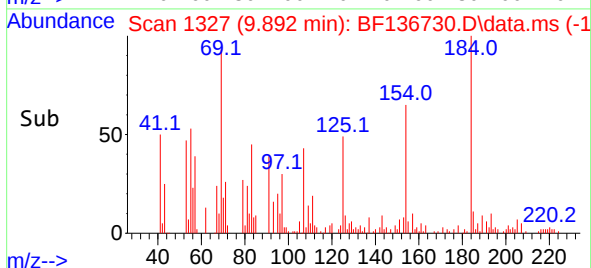
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

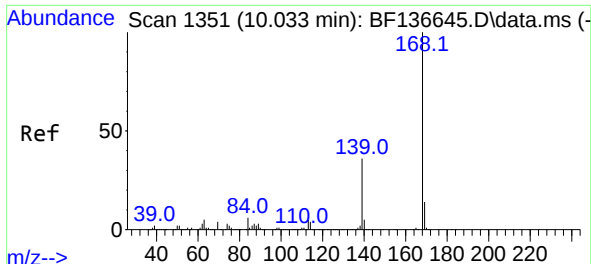


#54
2,4-Dinitrophenol
Concen: 15.713 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



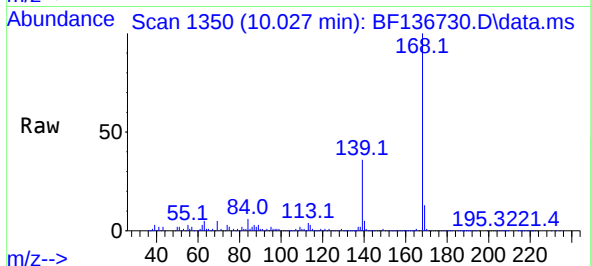
Tgt Ion:184 Resp: 13572
Ion Ratio Lower Upper
184 100
63 60.3 40.9 61.3
154 67.5 42.7 64.1#





#55
Dibenzenofuran
Concen: 42.771 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

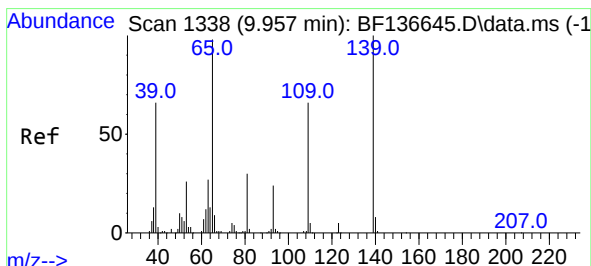
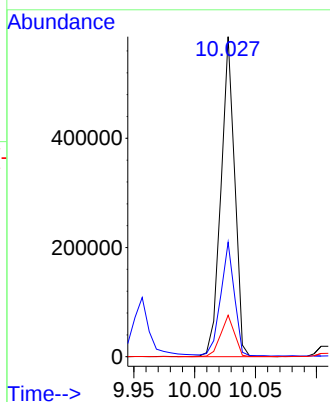
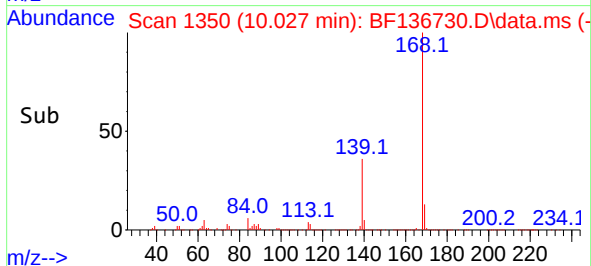
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion:168 Resp: 460740
Ion Ratio Lower Upper
168 100
139 35.8 29.3 43.9
169 13.0 11.0 16.4

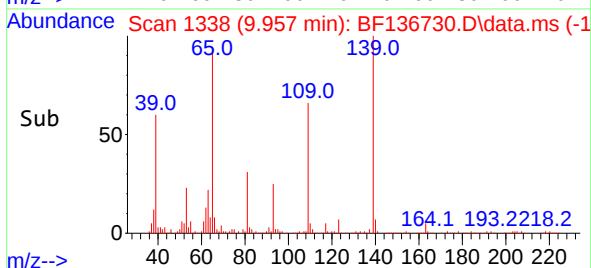
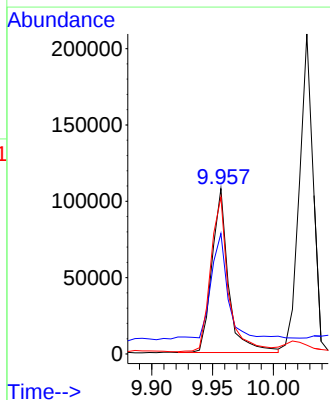
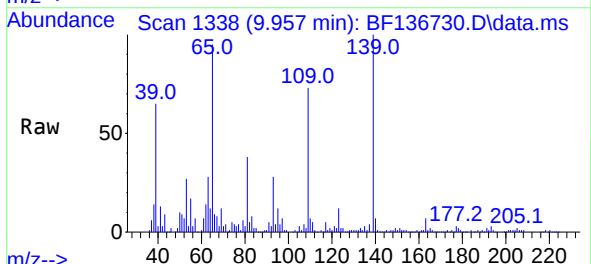
Manual Integrations
APPROVED

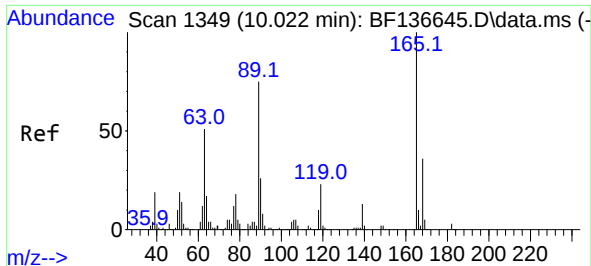
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#56
4-Nitrophenol
Concen: 73.167 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

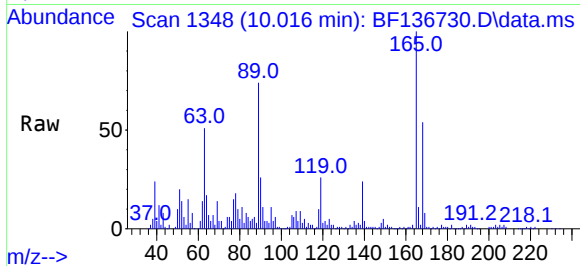
Tgt Ion:139 Resp: 101975
Ion Ratio Lower Upper
139 100
109 72.8 45.8 85.8
65 95.0 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 39.030 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

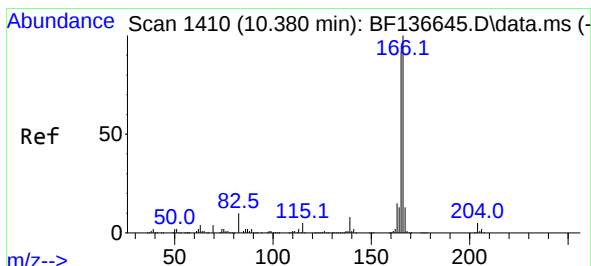
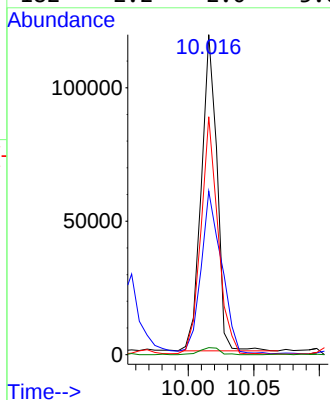
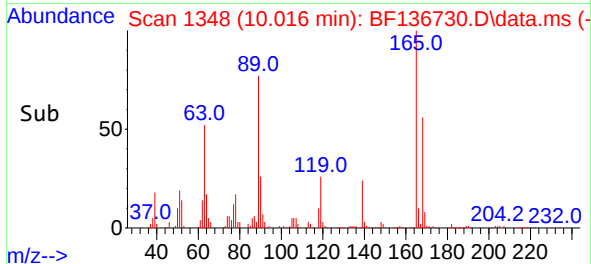
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



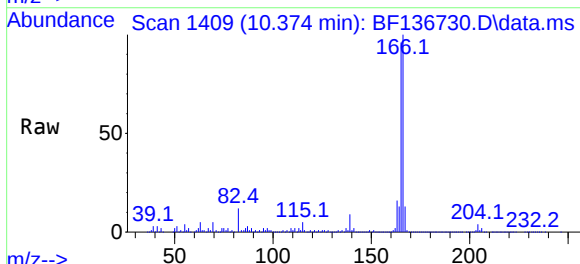
Tgt Ion:165 Resp: 98754
Ion Ratio Lower Upper
165 100
63 51.1 41.0 61.6
89 74.4 59.9 89.9
182 2.2 2.0 3.0

Manual Integrations
APPROVED

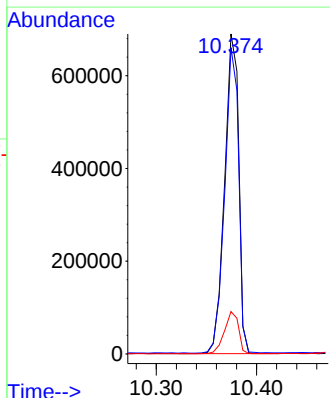
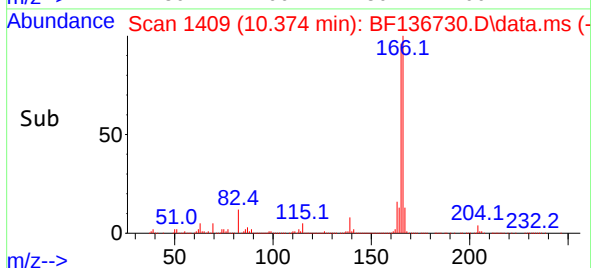
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

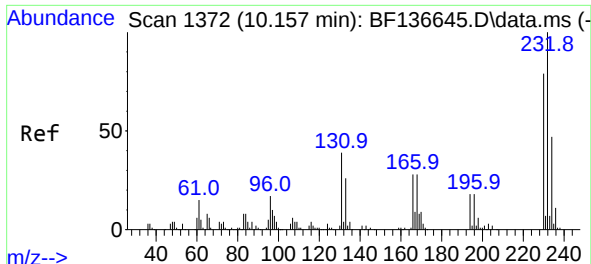


#58
Fluorene
Concen: 78.585 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



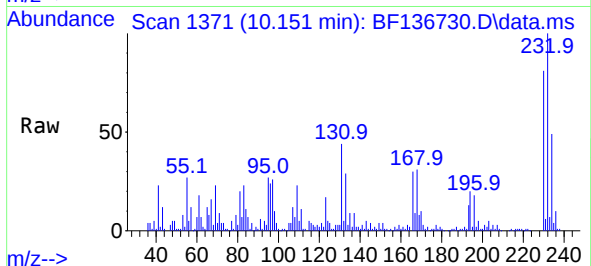
Tgt Ion:166 Resp: 671703
Ion Ratio Lower Upper
166 100
165 95.8 73.7 110.5
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.819 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

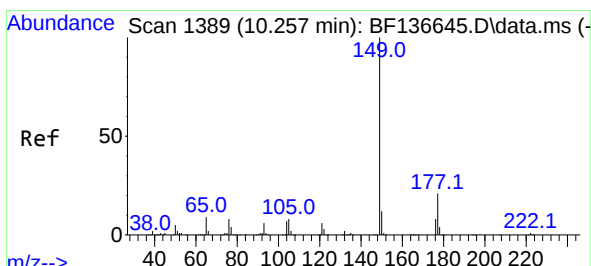
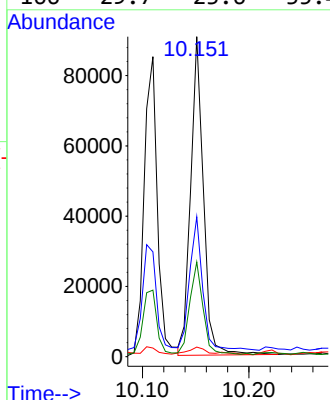
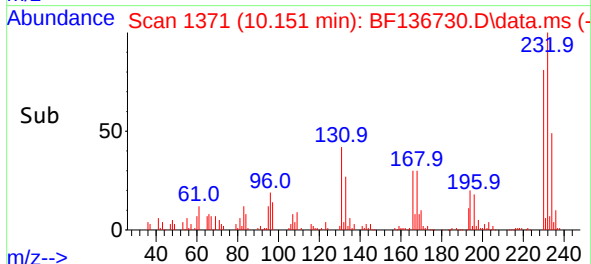
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion:232 Resp: 7575
Ion Ratio Lower Upper
232 100
131 43.4 35.1 52.7
130 2.9 1.6 2.4
166 29.7 23.6 35.4

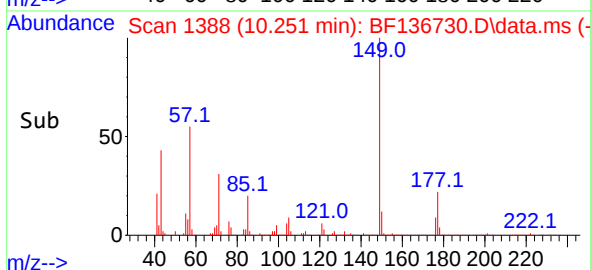
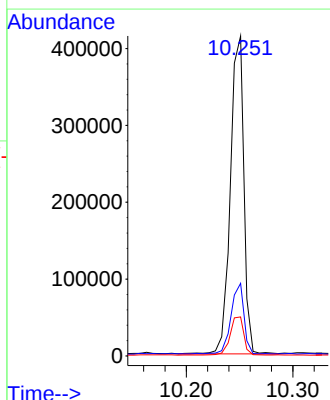
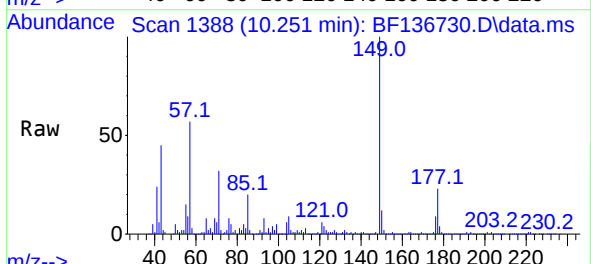
Manual Integrations
APPROVED

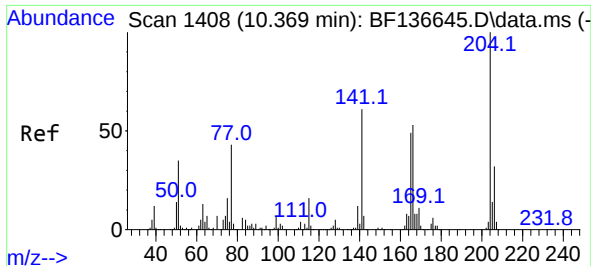
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#60
Diethylphthalate
Concen: 40.911 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

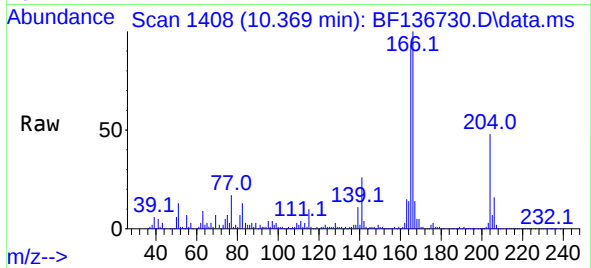
Tgt Ion:149 Resp: 364533
Ion Ratio Lower Upper
149 100
177 22.7 16.9 25.3
150 12.2 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 38.857 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

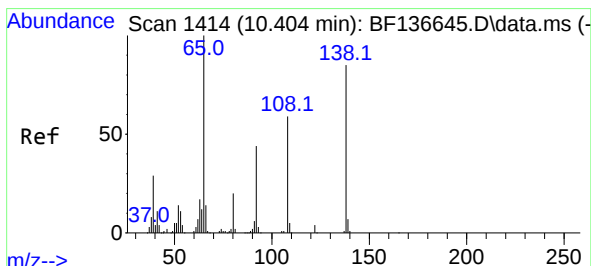
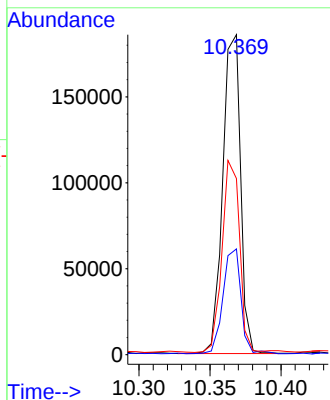
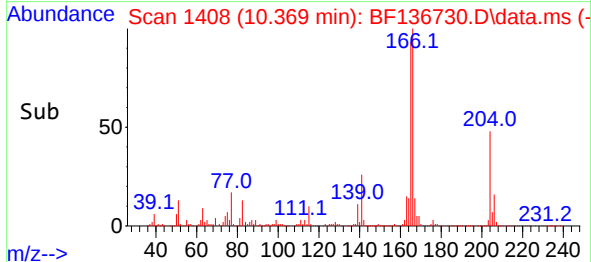
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



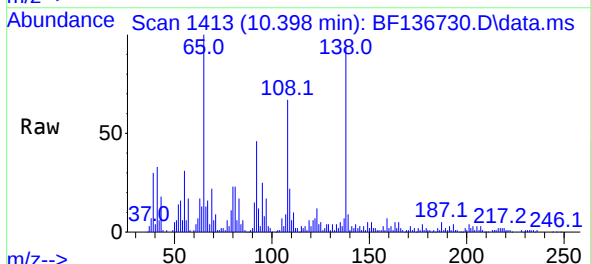
Tgt Ion:204 Resp: 161439
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 55.0 48.4 72.6

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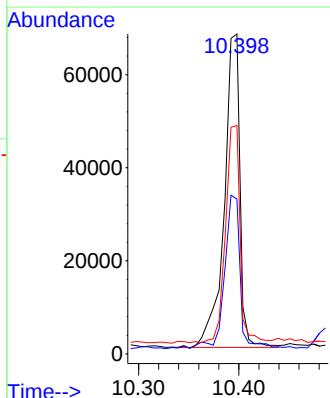
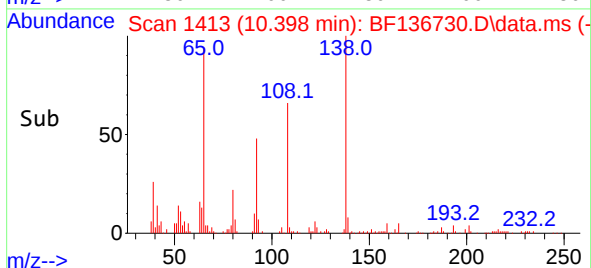
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

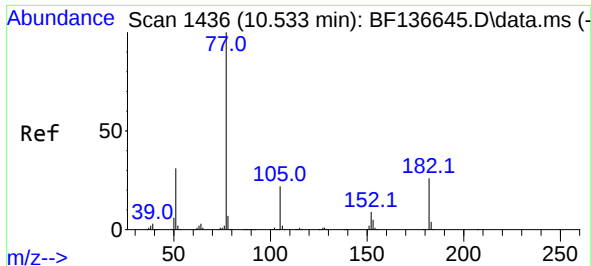


#62
4-Nitroaniline
Concen: 36.829 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



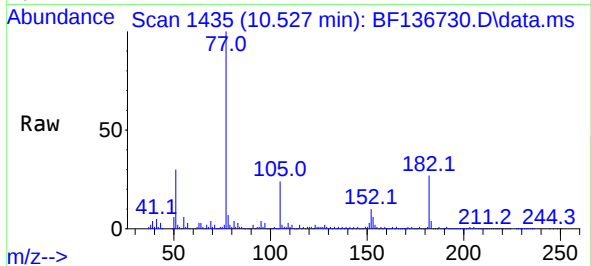
Tgt Ion:138 Resp: 73302
Ion Ratio Lower Upper
138 100
92 48.4 32.1 72.1
108 71.4 50.1 90.1





#63
Azobenzene
Concen: 38.168 ng
RT: 10.527 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

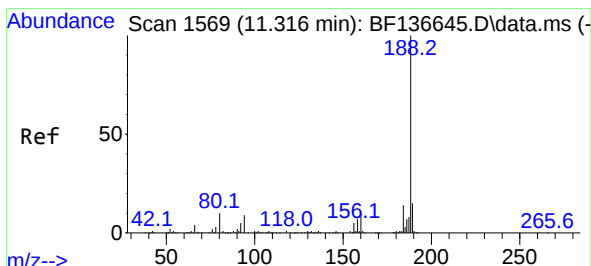
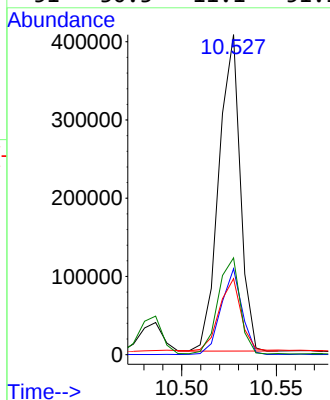
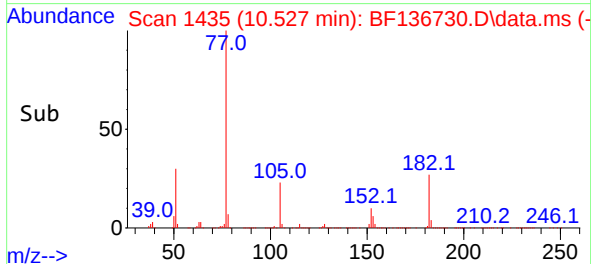
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



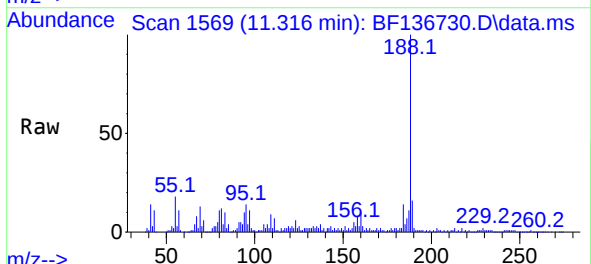
Tgt Ion: 77 Resp: 31764
Ion Ratio Lower Upper
77 100
182 26.9 6.0 46.0
105 23.7 2.3 42.3
51 30.3 11.1 51.1

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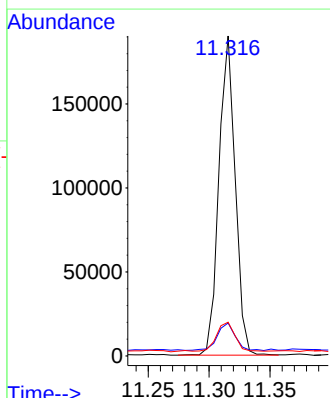
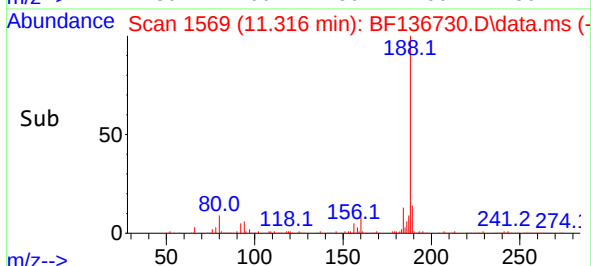
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

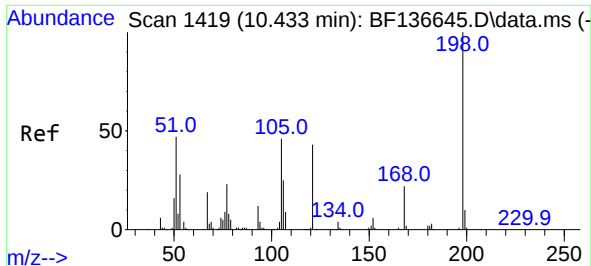


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



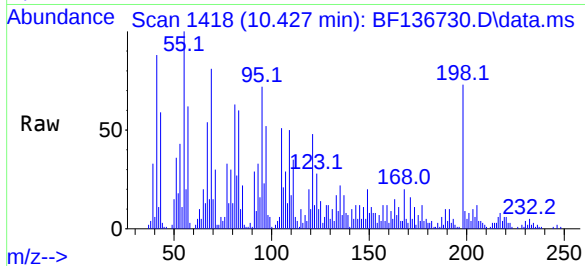
Tgt Ion:188 Resp: 177465
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 10.6 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 13.244 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

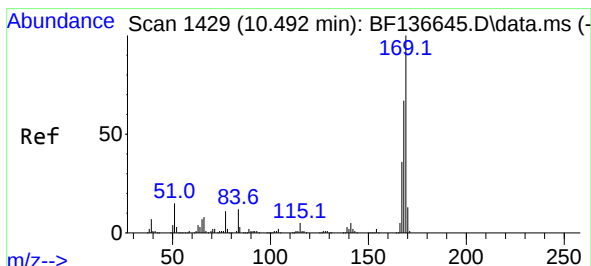
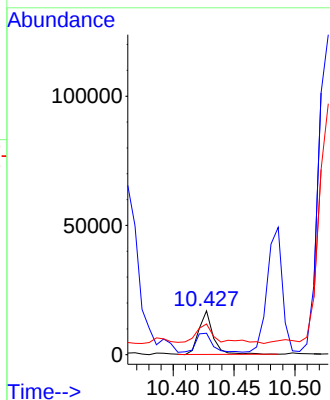
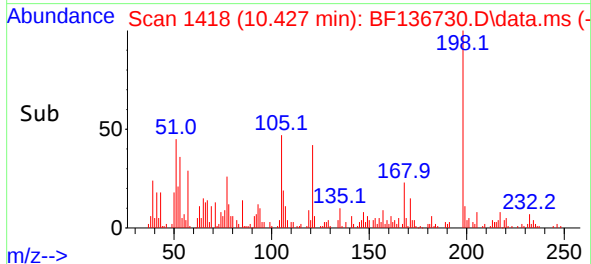
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



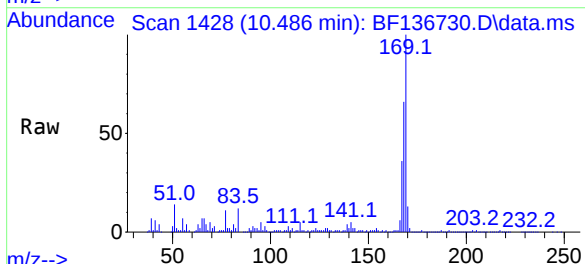
Tgt Ion:198 Resp: 13470
Ion Ratio Lower Upper
198 100
51 48.8 34.1 74.1
105 70.0 27.3 67.3

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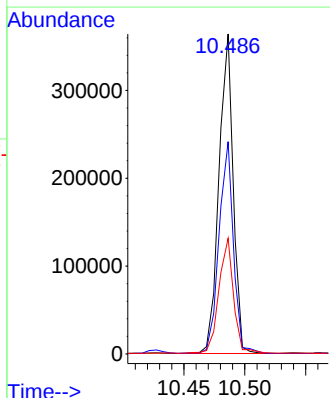
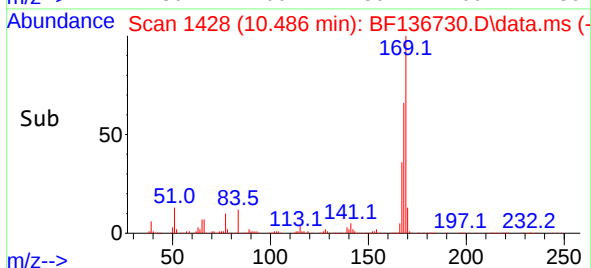
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

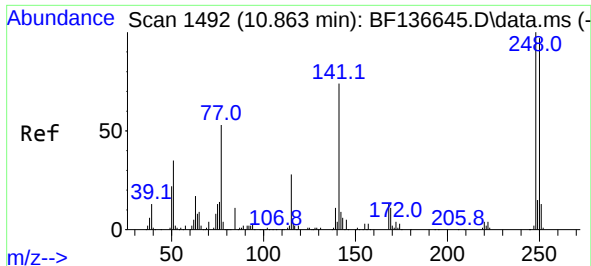


#66
n-Nitrosodiphenylamine
Concen: 51.431 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



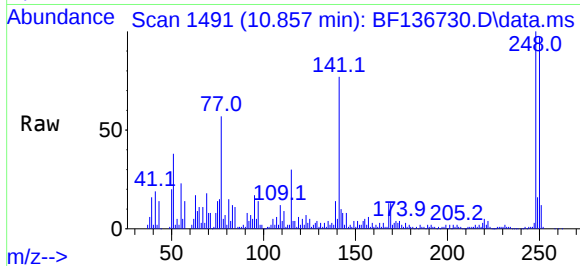
Tgt Ion:169 Resp: 296493
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 36.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 46.639 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

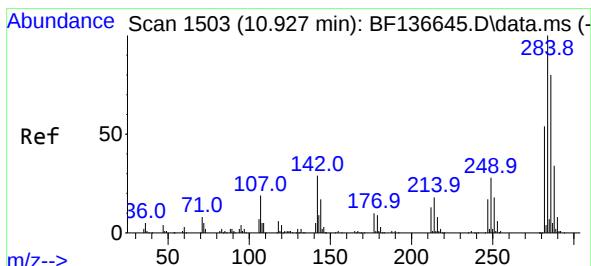
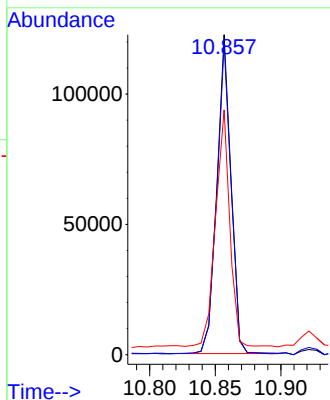
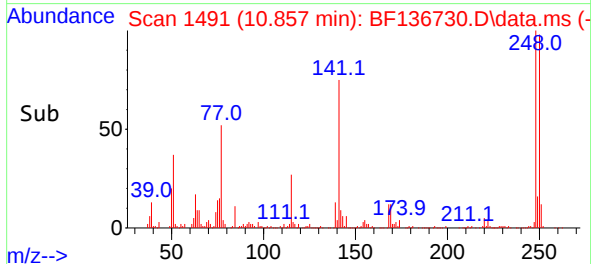
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



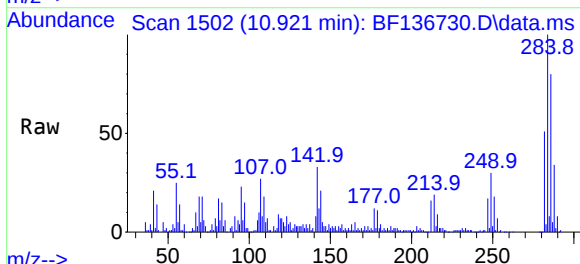
Tgt Ion:248 Resp: 91919
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 76.5 59.2 88.8

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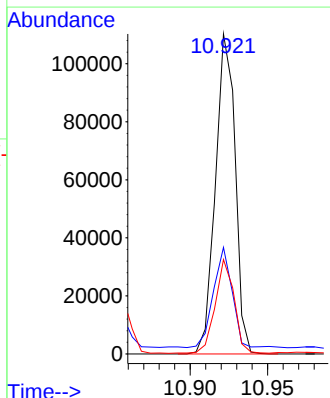
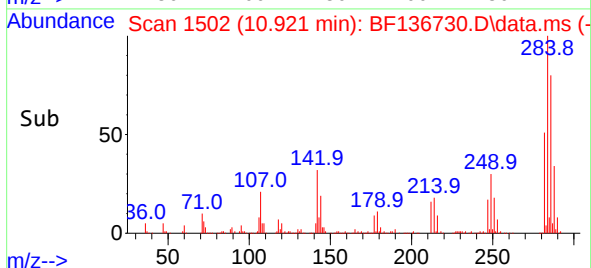
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

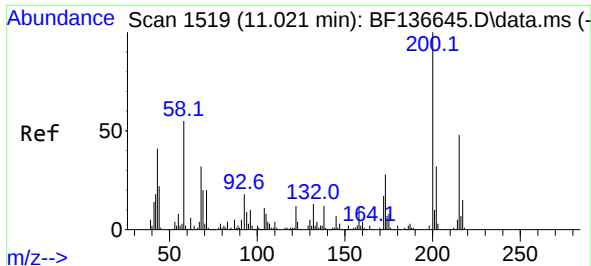


#68
Hexachlorobenzene
Concen: 44.408 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



Tgt Ion:284 Resp: 97537
Ion Ratio Lower Upper
284 100
142 33.3 23.4 35.0
249 29.5 22.3 33.5





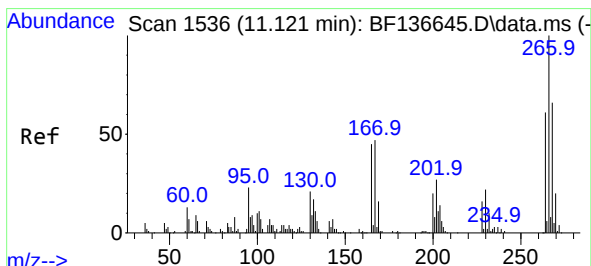
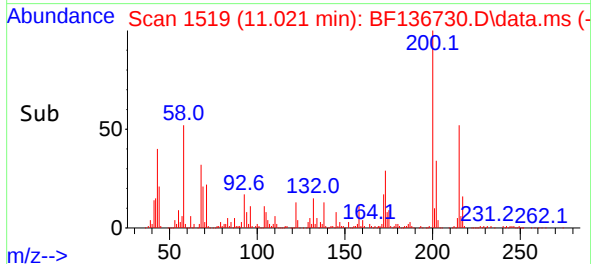
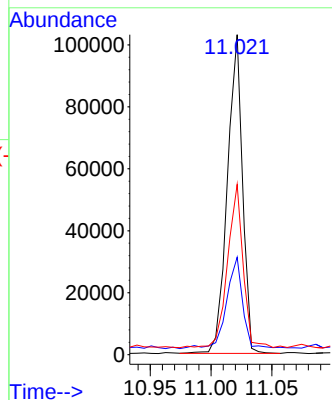
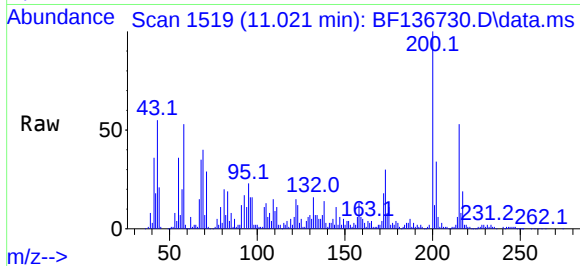
#69
Atrazine
Concen: 60.279 ng
RT: 11.021 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

Tgt Ion:200 Resp: 88880
Ion Ratio Lower Upper
200 100
173 30.5 7.6 47.6
215 53.2 28.3 68.3

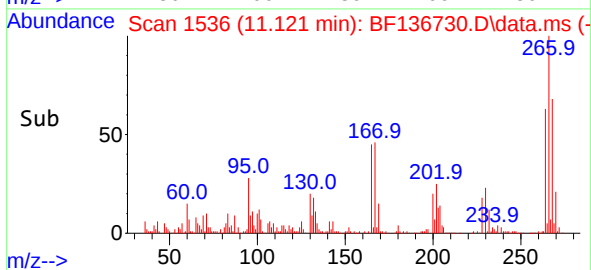
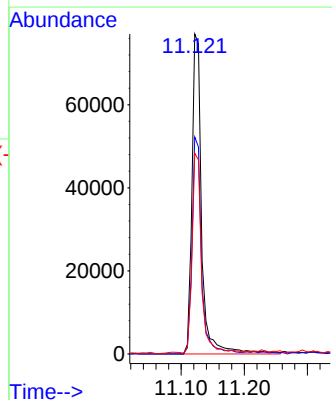
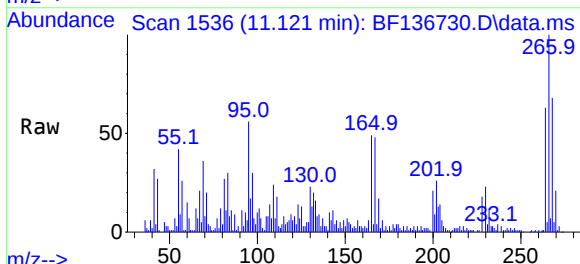
Manual Integrations
APPROVED

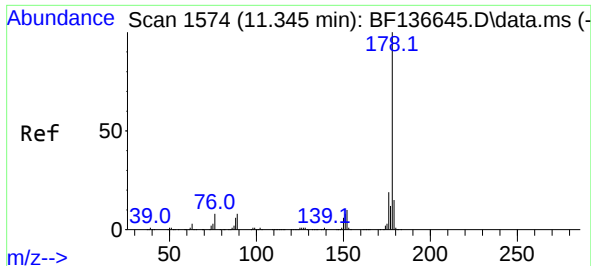
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#70
Pentachlorophenol
Concen: 81.259 ng
RT: 11.121 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

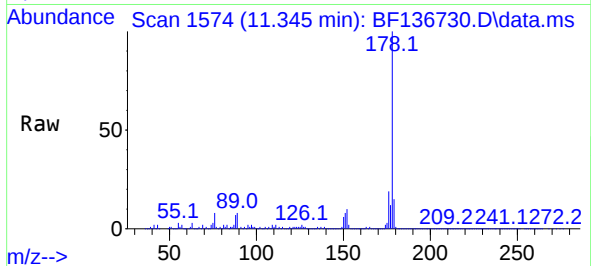
Tgt Ion:266 Resp: 83189
Ion Ratio Lower Upper
266 100
268 67.8 52.6 78.8
264 62.8 49.0 73.4





#71
Phenanthrene
Concen: 92.701 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

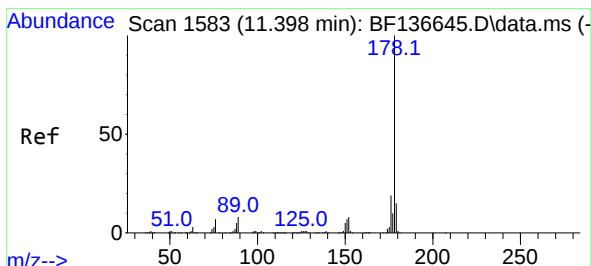
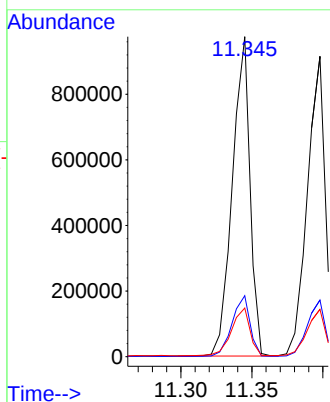
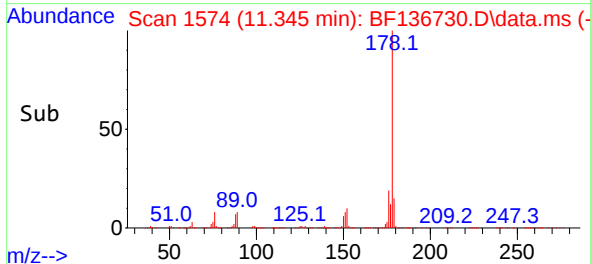
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion:178 Resp: 84412
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.2 11.9 17.9

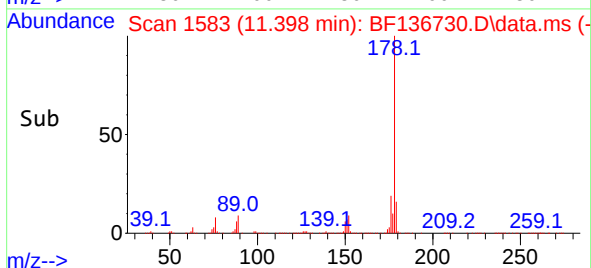
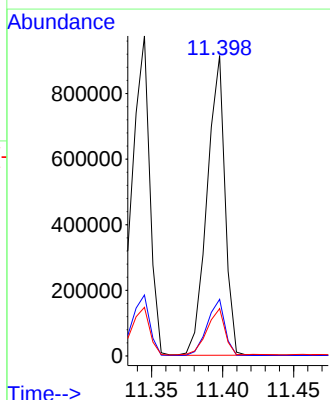
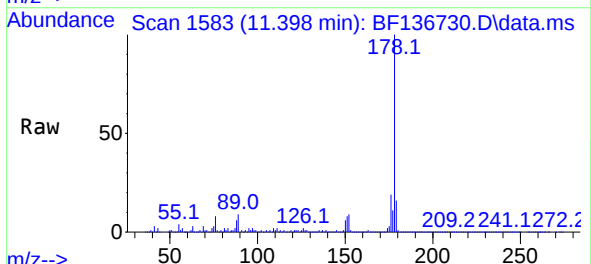
Manual Integrations
APPROVED

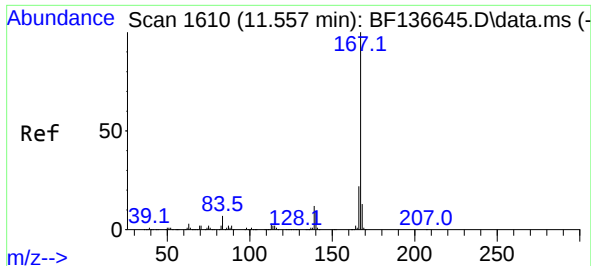
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#72
Anthracene
Concen: 86.643 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

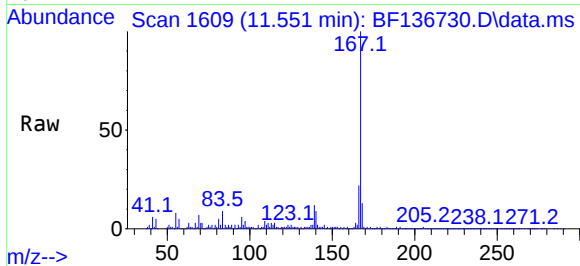
Tgt Ion:178 Resp: 799007
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.8 11.8 17.6





#73
 Carbazole
 Concen: 42.613 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136730.D
 Acq: 26 Dec 2023 21:03

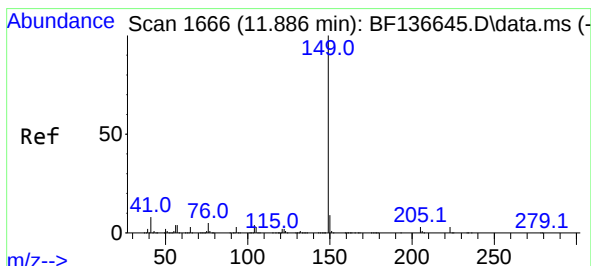
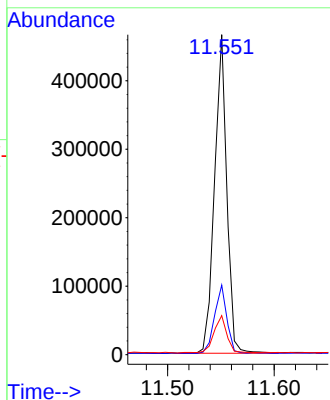
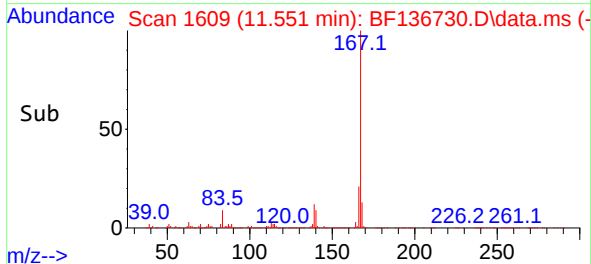
Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-03-9.5-10.5MS



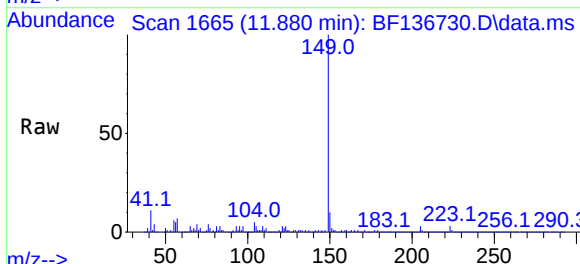
Tgt Ion:167 Resp: 370495
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 12.2 9.8 14.6

Manual Integrations
 APPROVED

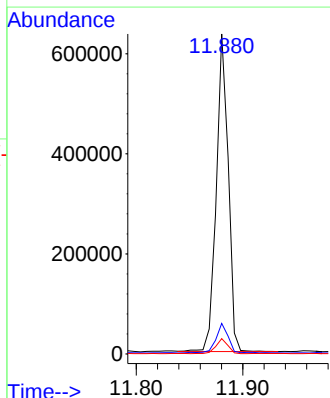
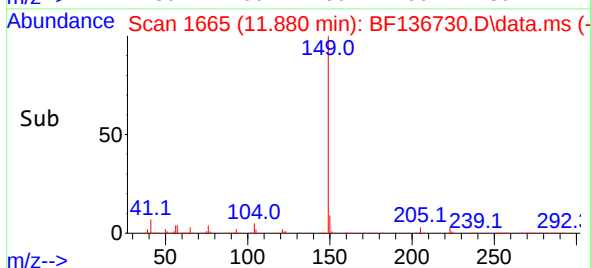
Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

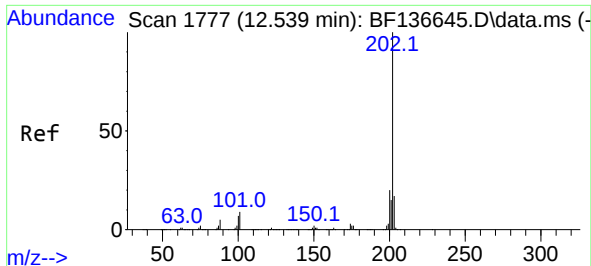


#74
 Di-n-butylphthalate
 Concen: 46.300 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136730.D
 Acq: 26 Dec 2023 21:03



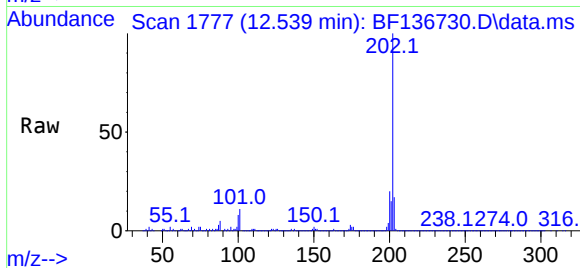
Tgt Ion:149 Resp: 491213
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 88.146 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

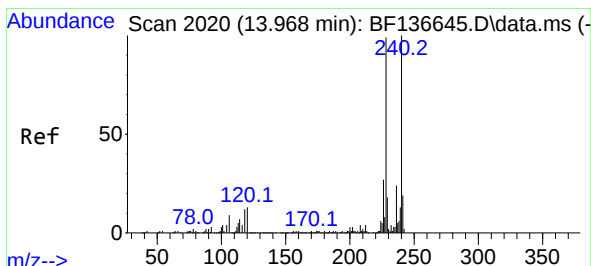
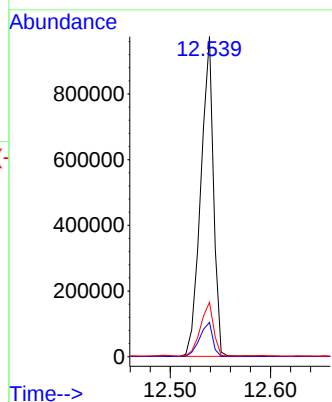
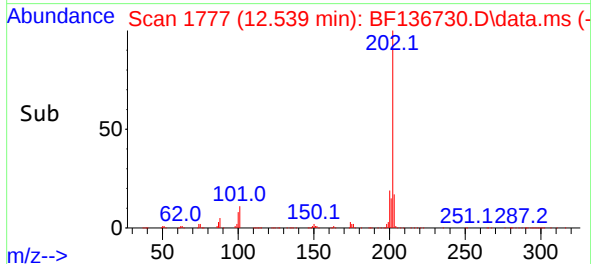
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



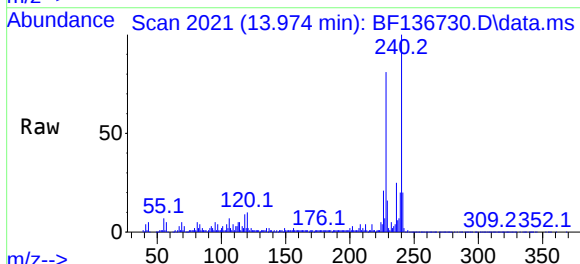
Tgt Ion:202 Resp: 858550
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.3
203 17.0 0.0 37.1

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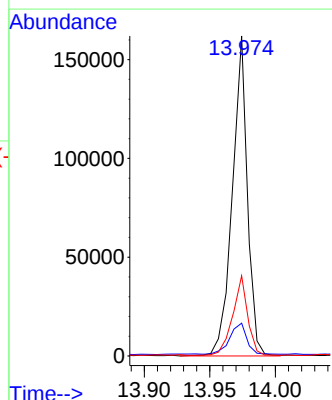
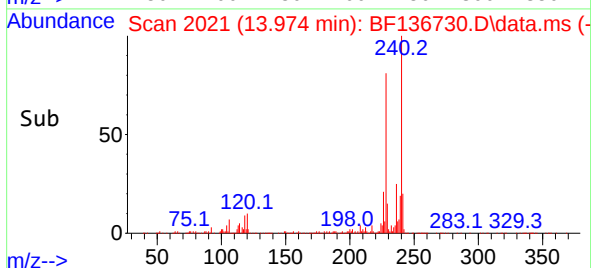
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

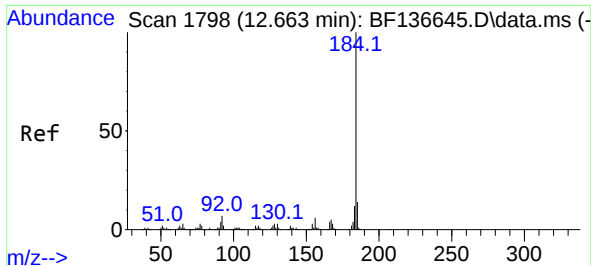


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



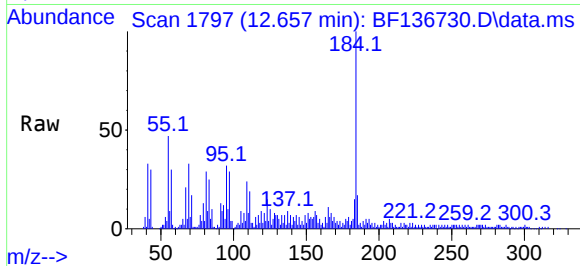
Tgt Ion:240 Resp: 129806
Ion Ratio Lower Upper
240 100
120 10.2 10.3 15.5#
236 25.0 19.4 29.2





#77
Benzidine
Concen: 12.221 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

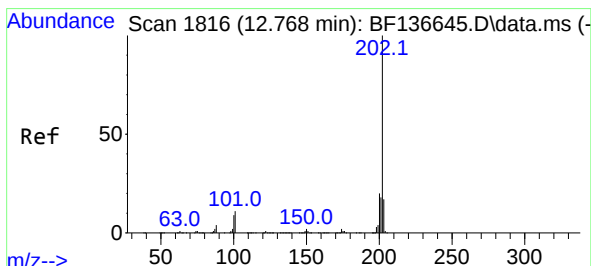
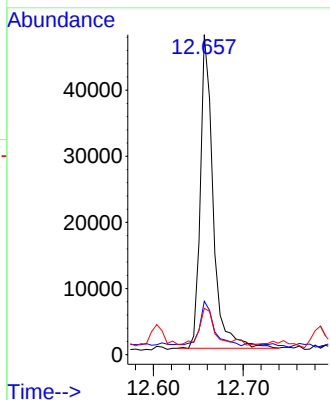
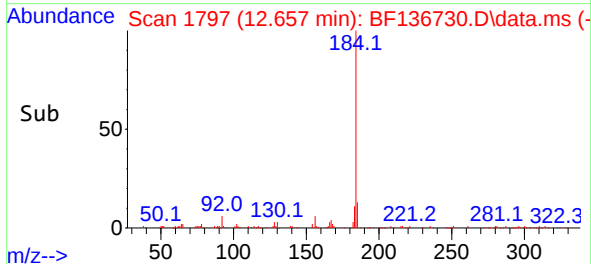
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion:184 Resp: 46779
Ion Ratio Lower Upper
184 100
185 16.7 11.2 16.8
183 14.5 9.3 13.9

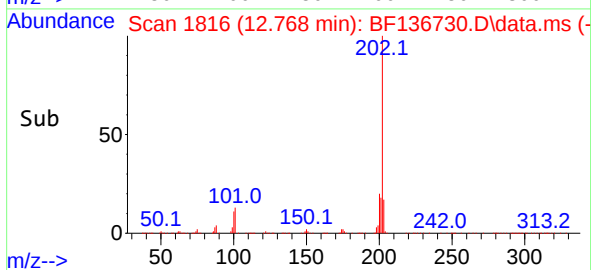
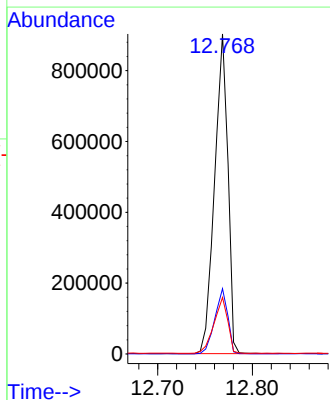
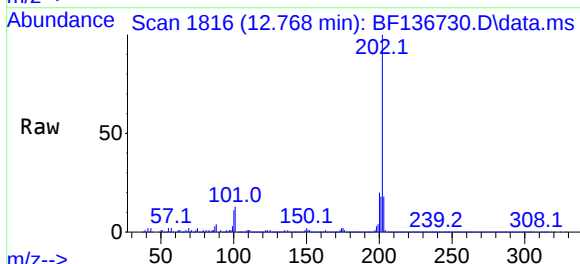
Manual Integrations
APPROVED

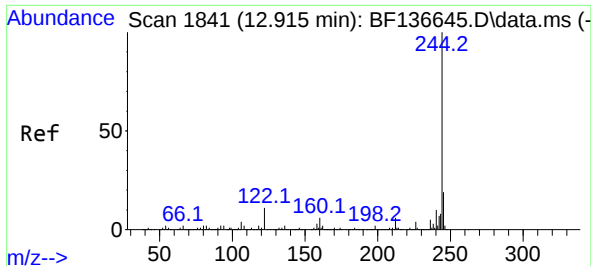
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#78
Pyrene
Concen: 68.769 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

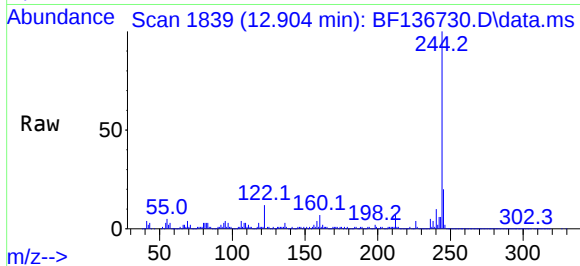
Tgt Ion:202 Resp: 876298
Ion Ratio Lower Upper
202 100
200 20.4 15.9 23.9
203 17.7 13.8 20.6





#79
Terphenyl-d14
Concen: 35.520 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

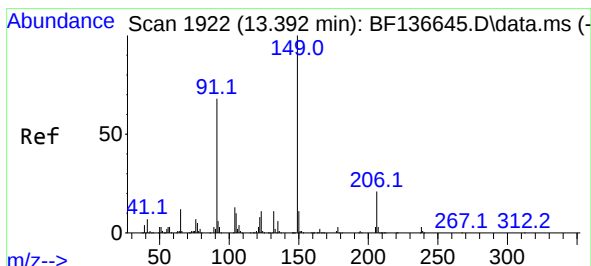
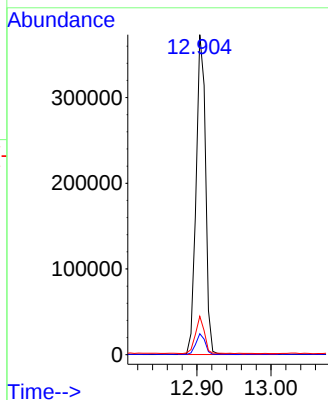
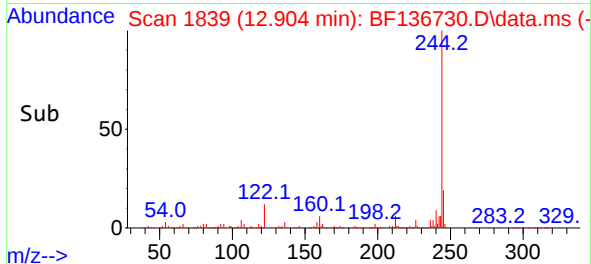
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



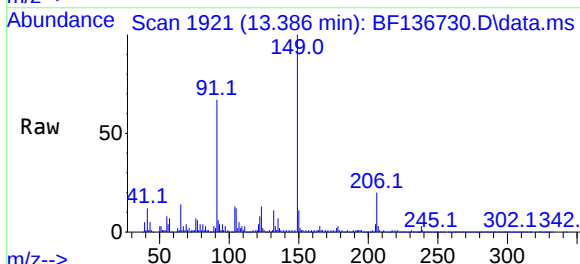
Tgt Ion:244 Resp: 329929
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 12.0 9.0 13.4

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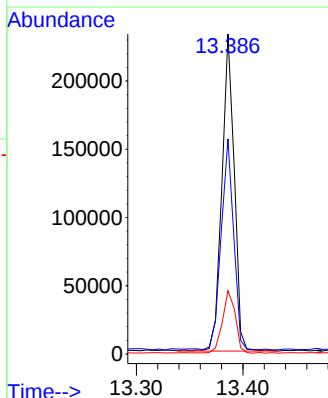
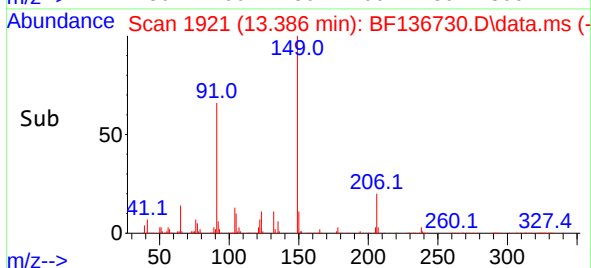
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

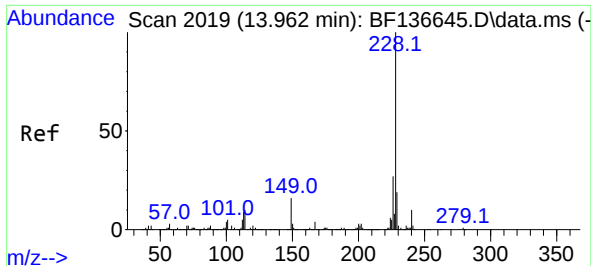


#80
Butylbenzylphthalate
Concen: 40.236 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



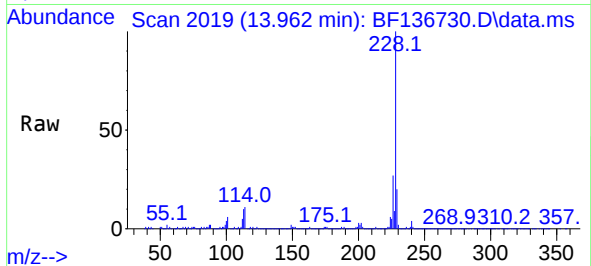
Tgt Ion:149 Resp: 186560
Ion Ratio Lower Upper
149 100
91 67.2 54.1 81.1
206 19.7 17.1 25.7





#81
Benzo(a)anthracene
Concen: 93.274 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

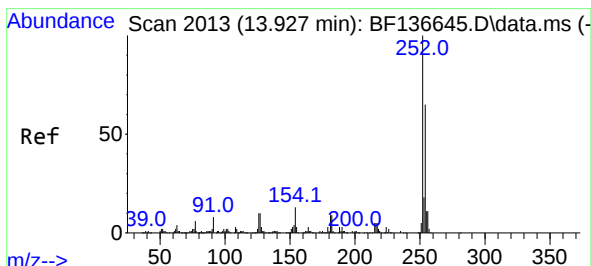
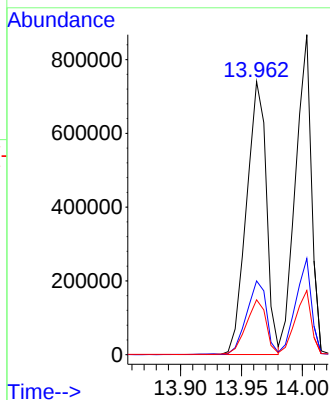
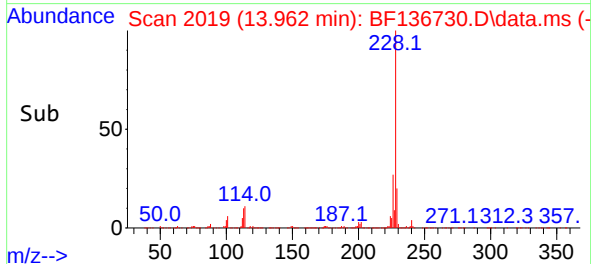
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



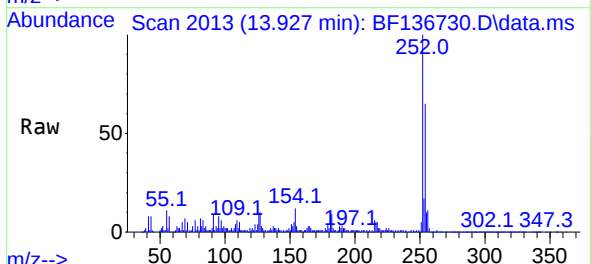
Tgt Ion:228 Resp: 840730
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 20.1 14.9 22.3

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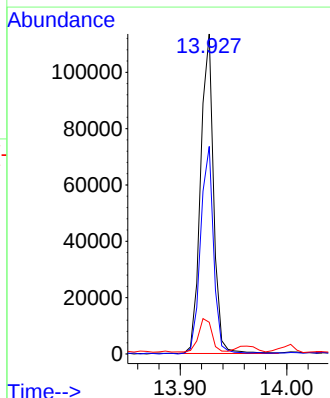
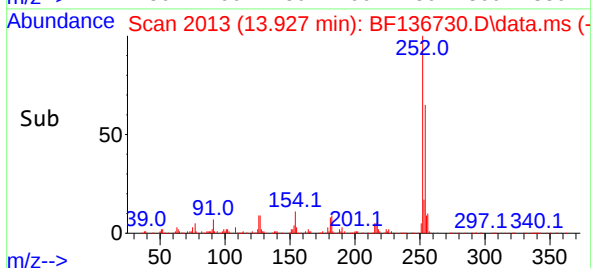
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

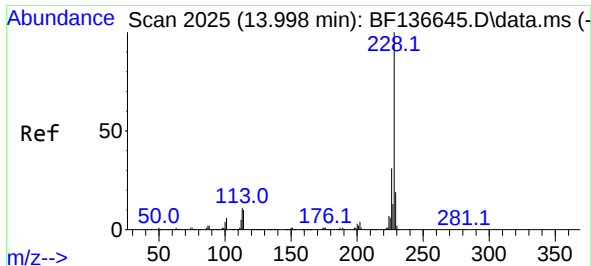


#82
3,3'-Dichlorobenzidine
Concen: 37.636 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03



Tgt Ion:252 Resp: 96341
Ion Ratio Lower Upper
252 100
254 64.8 52.2 78.4
126 9.9 8.0 12.0





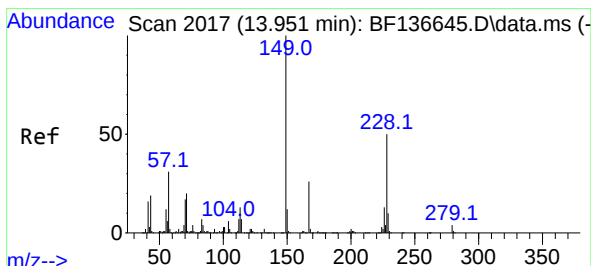
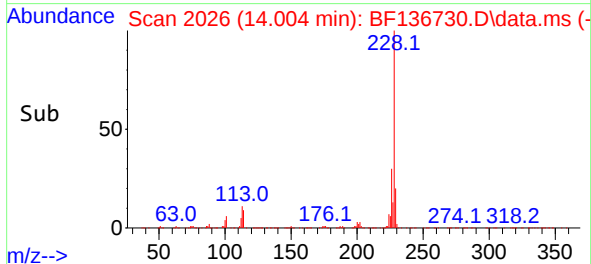
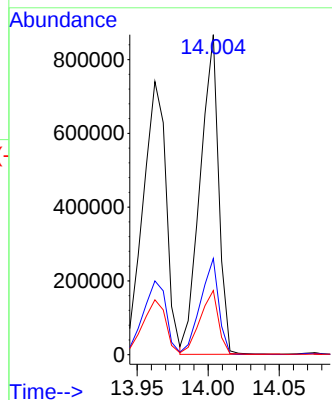
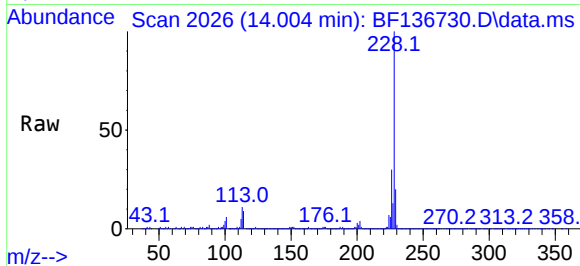
#83
Chrysene
Concen: 89.239 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

Tgt Ion:228 Resp: 78658
Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 20.0 15.4 23.0

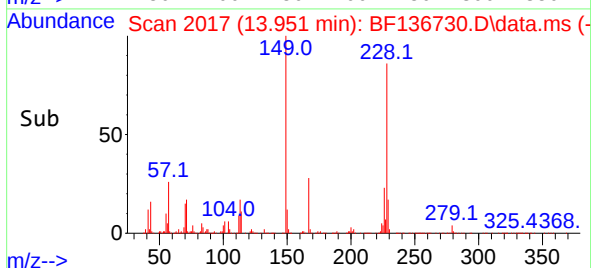
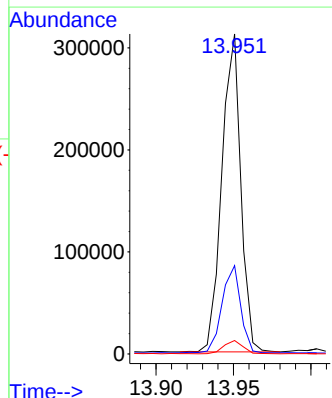
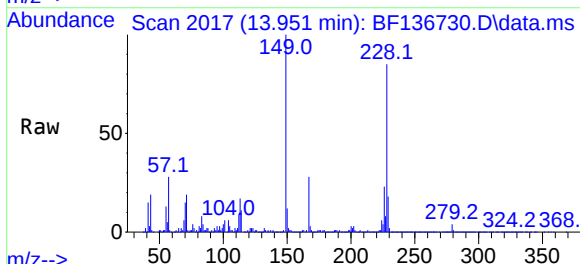
Manual Integrations
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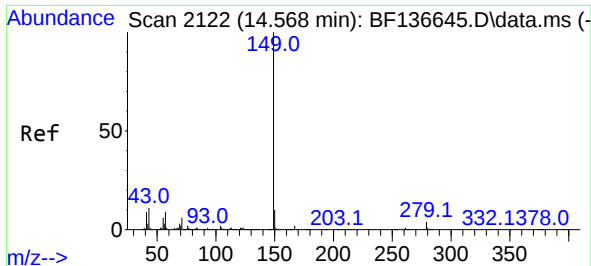
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.344 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

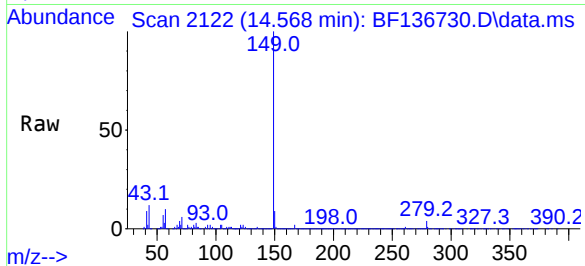
Tgt Ion:149 Resp: 264528
Ion Ratio Lower Upper
149 100
167 27.6 20.9 31.3
279 4.2 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 55.241 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

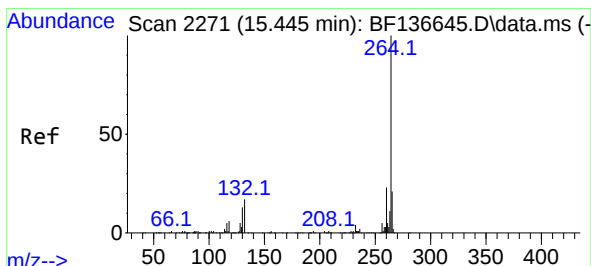
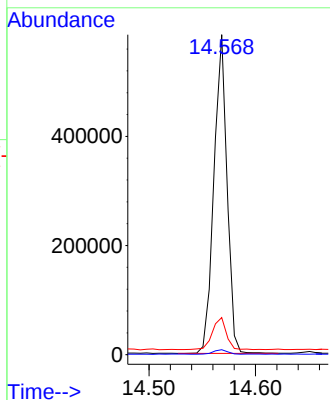
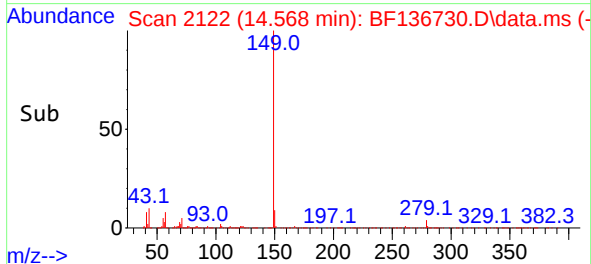
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion:149 Resp: 498500
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.6 8.9 13.3

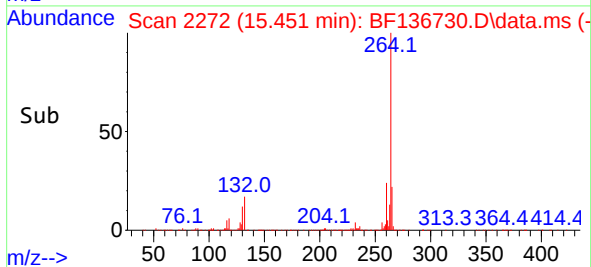
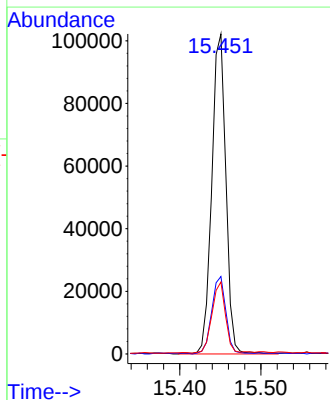
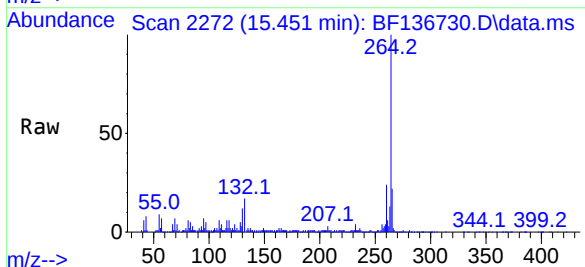
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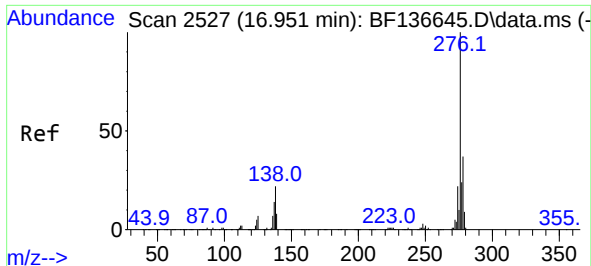
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

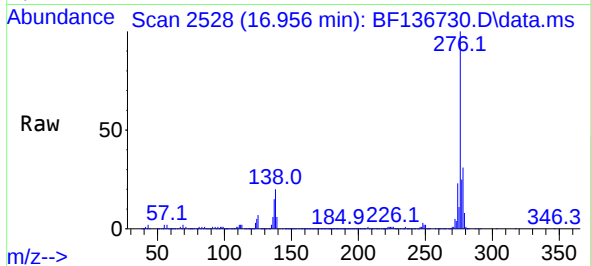
Tgt Ion:264 Resp: 123324
Ion Ratio Lower Upper
264 100
260 24.2 18.3 27.5
265 22.5 17.0 25.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 66.633 ng
 RT: 16.956 min Scan# 2199
 Delta R.T. 0.006 min
 Lab File: BF136730.D
 Acq: 26 Dec 2023 21:03

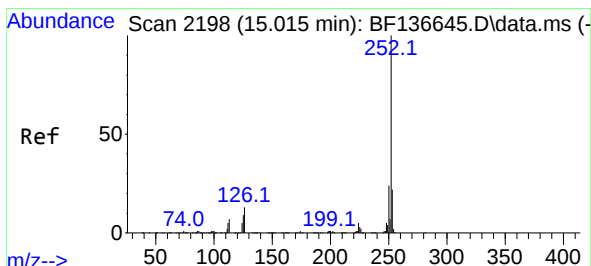
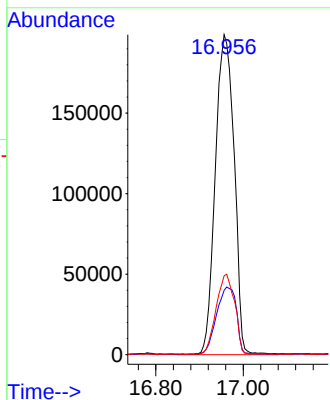
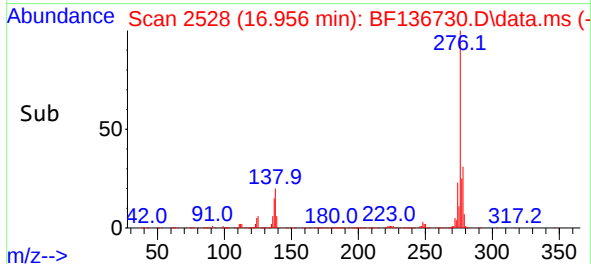
Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-03-9.5-10.5MS



Tgt Ion: 276 Resp: 593309
 Ion Ratio Lower Upper
 276 100
 138 22.2 18.7 28.1
 277 24.8 20.2 30.2

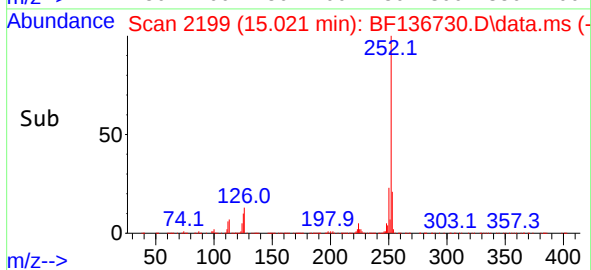
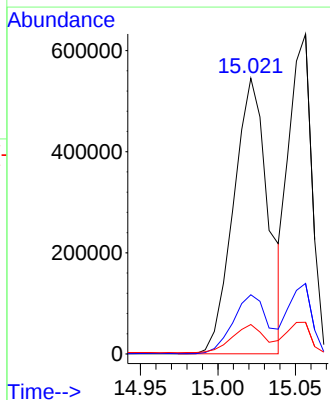
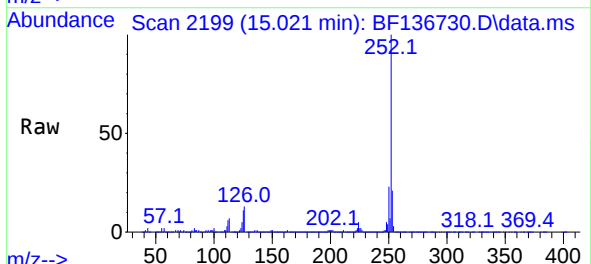
Manual Integrations
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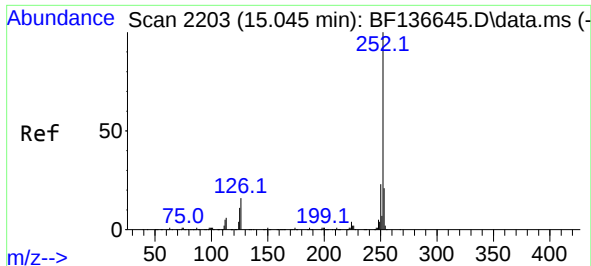
Reviewed By : Yogesh Patel 12/27/2023
 Supervised By : mohammad ahmed 12/27/2023



#88
 Benzo(b)fluoranthene
 Concen: 102.565 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. 0.006 min
 Lab File: BF136730.D
 Acq: 26 Dec 2023 21:03

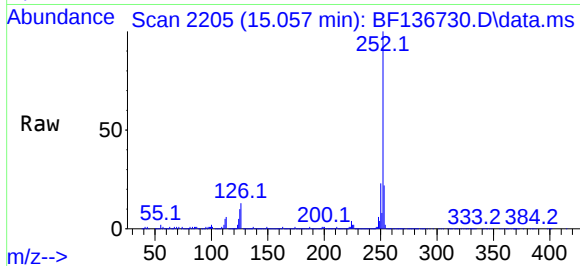
Tgt Ion: 252 Resp: 844821
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.4 26.0
 125 10.7 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 83.676 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

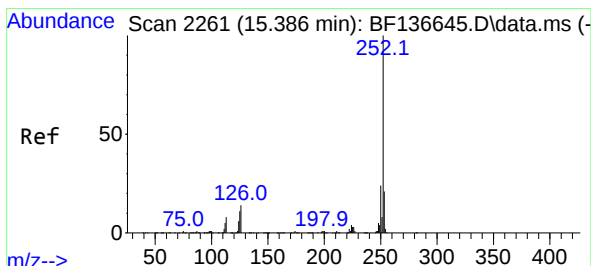
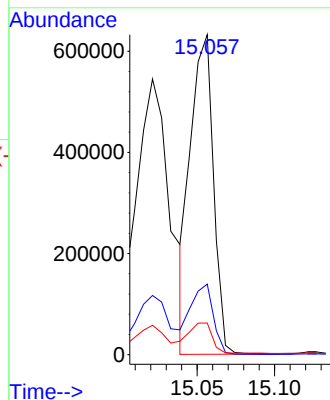
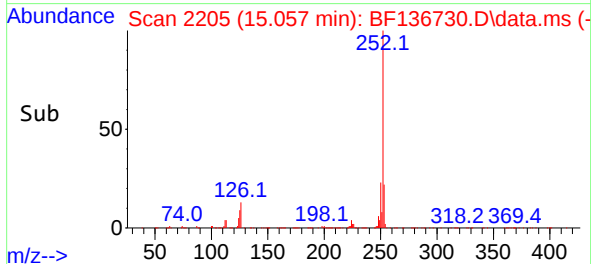
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion:252 Resp: 651264
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 9.9 8.2 12.4

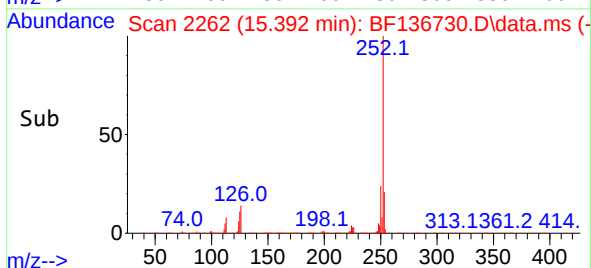
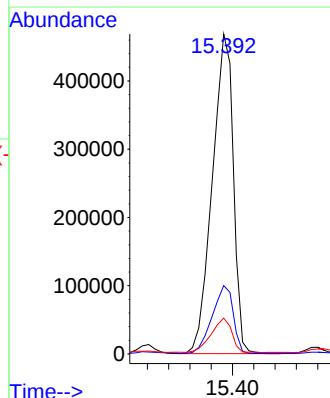
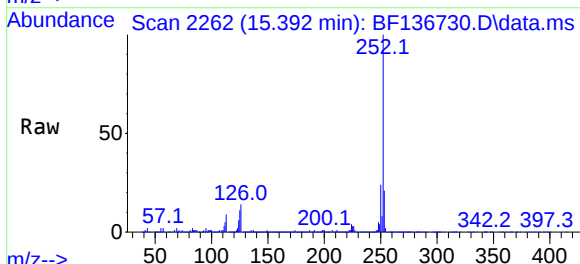
Manual Integrations
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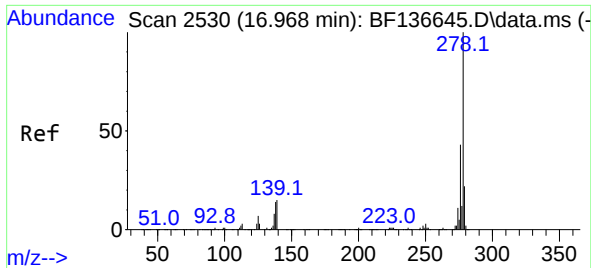
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#90
Benzo(a)pyrene
Concen: 92.266 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

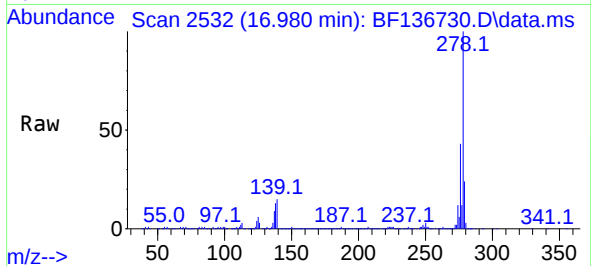
Tgt Ion:252 Resp: 641508
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 11.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 67.548 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

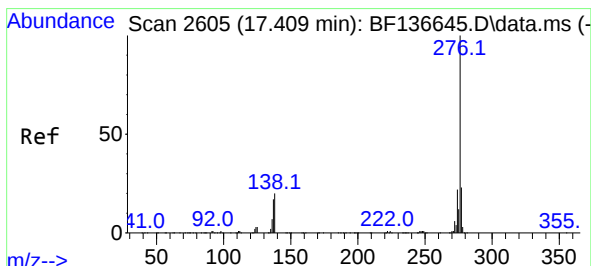
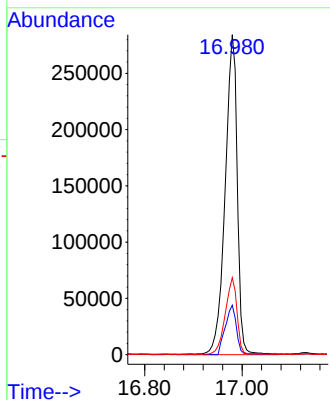
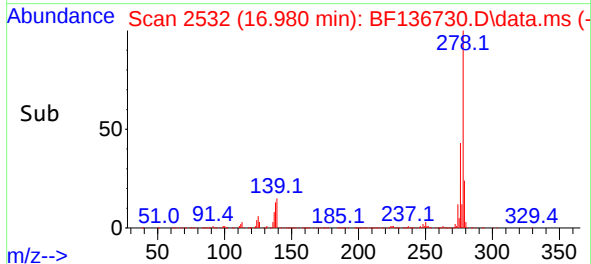
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS



Tgt Ion:278 Resp: 493439
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 24.1 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/27/2023
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#92
Benzo(g,h,i)perylene
Concen: 59.944 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:276 Resp: 448490
Ion Ratio Lower Upper
276 100
277 22.8 18.3 27.5
138 18.3 15.6 23.4

