

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136716.D
 Acq On : 26 Dec 2023 13:22
 Operator : CG\JU
 Sample : PB157895BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157895BSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 26 14:06:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	96803	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	394750	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	189360	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	356932	20.000	ng	0.00
76) Chrysene-d12	13.969	240	186752	20.000	ng	0.00
86) Perylene-d12	15.445	264	147504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	738866	119.092	ng	0.02
7) Phenol-d6	6.445	99	891047	110.839	ng	0.00
23) Nitrobenzene-d5	7.357	82	565709	73.332	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	247110	110.805	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1055681	74.983	ng	0.00
79) Terphenyl-d14	12.910	244	1029717	77.054	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	75585	29.239	ng	99
3) Pyridine	3.399	79	187783	29.773	ng	95
4) n-Nitrosodimethylamine	3.363	42	137619	40.859	ng	97
6) Aniline	6.451	93	194582	24.209	ng	# 13
8) 2-Chlorophenol	6.581	128	291544	42.941	ng	93
9) Benzaldehyde	6.340	77	65950	14.423	ng	98
10) Phenol	6.457	94	331350	38.611	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	266660	40.859	ng	99
12) 1,3-Dichlorobenzene	6.728	146	287102	38.763	ng	98
13) 1,4-Dichlorobenzene	6.804	146	291366	38.501	ng	98
14) 1,2-Dichlorobenzene	6.957	146	278160	39.500	ng	99
15) Benzyl Alcohol	6.940	79	230732	42.543	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	430858	40.380	ng	86
17) 2-Methylphenol	7.051	107	226054	40.190	ng	96
18) Hexachloroethane	7.292	117	109041	39.674	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	194237	39.858	ng	98
20) 3+4-Methylphenols	7.204	107	269970	38.420	ng	# 81
22) Acetophenone	7.198	105	393082	39.728	ng	94
24) Nitrobenzene	7.375	77	294180	38.068	ng	94
25) Isophorone	7.610	82	537901	38.320	ng	99
26) 2-Nitrophenol	7.687	139	150481	40.700	ng	96
27) 2,4-Dimethylphenol	7.728	122	224027	49.770	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	326829	38.304	ng	99
29) 2,4-Dichlorophenol	7.934	162	223043	38.489	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	248152	38.433	ng	98
31) Naphthalene	8.087	128	826839	38.127	ng	99
32) Benzoic acid	7.881	122	172719	39.658	ng	94
33) 4-Chloroaniline	8.139	127	173214	21.633	ng	97
34) Hexachlorobutadiene	8.198	225	146106	37.245	ng	97
35) Caprolactam	8.522	113	73278m	38.331	ng	
36) 4-Chloro-3-methylphenol	8.634	107	245583	37.644	ng	97
37) 2-Methylnaphthalene	8.781	142	514704	36.878	ng	99
38) 1-Methylnaphthalene	8.881	142	491153	35.869	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	244497	41.692	ng	98
41) Hexachlorocyclopentadiene	8.928	237	171873	91.189	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	155225	41.273	ng	98

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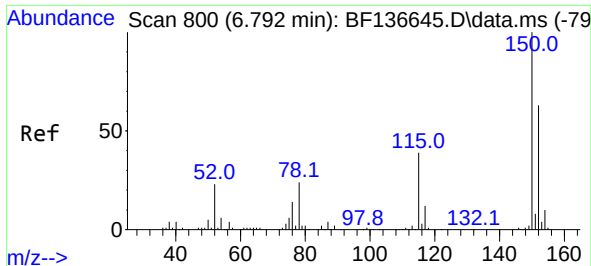
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	166945	39.834	ng	99
46) 1,1'-Biphenyl	9.245	154	630519	39.680	ng	99
47) 2-Chloronaphthalene	9.269	162	481735	39.879	ng	100
48) 2-Nitroaniline	9.375	65	155436	41.090	ng	95
49) Acenaphthylene	9.686	152	758248	41.066	ng	99
50) Dimethylphthalate	9.551	163	552133	39.919	ng	99
51) 2,6-Dinitrotoluene	9.616	165	122871	39.143	ng	88
52) Acenaphthene	9.857	154	449259	39.252	ng	99
53) 3-Nitroaniline	9.786	138	106332	31.977	ng	94
54) 2,4-Dinitrophenol	9.904	184	136542	78.556	ng	98
55) Dibenzofuran	10.033	168	674439	38.873	ng	99
56) 4-Nitrophenol	9.969	139	176533	78.644	ng	98
57) 2,4-Dinitrotoluene	10.022	165	155445	38.145	ng	96
58) Fluorene	10.375	166	543764	39.499	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	139488	43.236	ng	99
60) Diethylphthalate	10.251	149	552419	38.494	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	250565	37.446	ng	96
62) 4-Nitroaniline	10.410	138	113063m	35.271	ng	
63) Azobenzene	10.528	77	519771	38.778	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	88189	43.112	ng	84
66) n-Nitrosodiphenylamine	10.492	169	472696	40.768	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	155861	39.319	ng	98
68) Hexachlorobenzene	10.928	284	173470	39.269	ng	95
69) Atrazine	11.022	200	115186	38.841	ng	99
70) Pentachlorophenol	11.122	266	147328	71.551	ng	98
71) Phenanthrene	11.339	178	745930	40.729	ng	99
72) Anthracene	11.392	178	741671	39.987	ng	99
73) Carbazole	11.551	167	687382	39.308	ng	100
74) Di-n-butylphthalate	11.880	149	850998	39.881	ng	99
75) Fluoranthene	12.533	202	752014	38.387	ng	97
77) Benzidine	12.657	184	33603	6.102	ng	99
78) Pyrene	12.763	202	751168	40.974	ng	100
80) Butylbenzylphthalate	13.386	149	286110	42.890	ng	97
81) Benzo(a)anthracene	13.963	228	532260	41.045	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	151220	41.062	ng	# 99
83) Chrysene	13.998	228	501311	39.532	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	368072	43.854	ng	98
85) Di-n-octyl phthalate	14.568	149	569759	43.885	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	552890	51.915	ng	99
88) Benzo(b)fluoranthene	15.015	252	452672	45.948	ng	99
89) Benzo(k)fluoranthene	15.045	252	432681	46.479	ng	98
90) Benzo(a)pyrene	15.386	252	391290	47.052	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	466327	53.372	ng	99
92) Benzo(g,h,i)perylene	17.415	276	469366	52.450	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

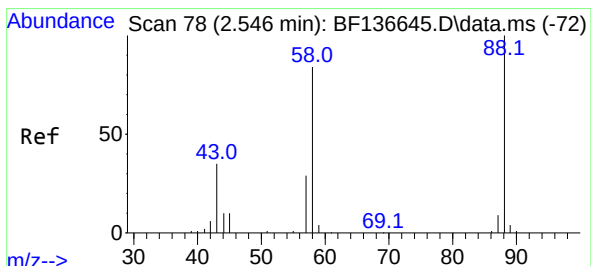
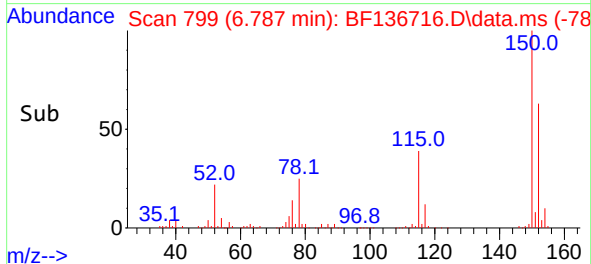
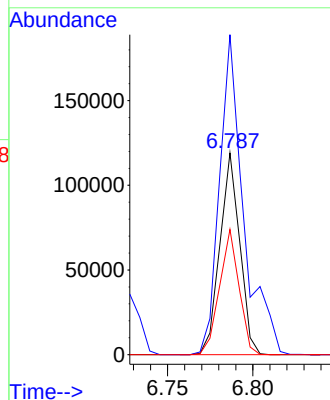
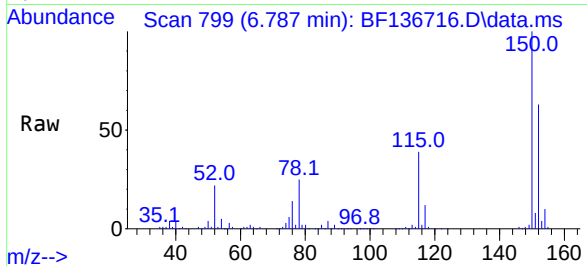
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Tgt Ion:152 Resp: 9680
Ion Ratio Lower Upper
152 100
150 158.5 127.0 190.6
115 62.1 49.0 73.4

Manual Integrations

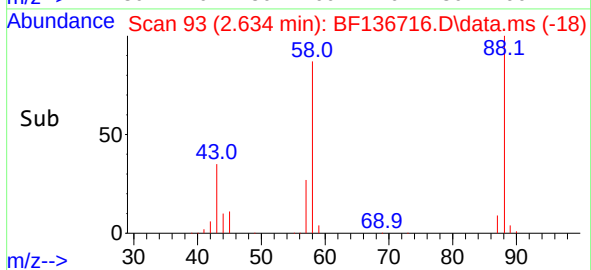
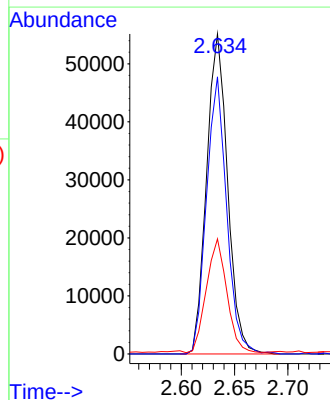
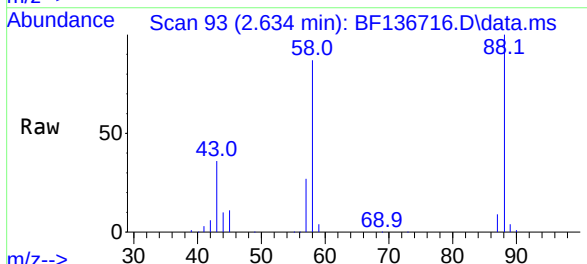
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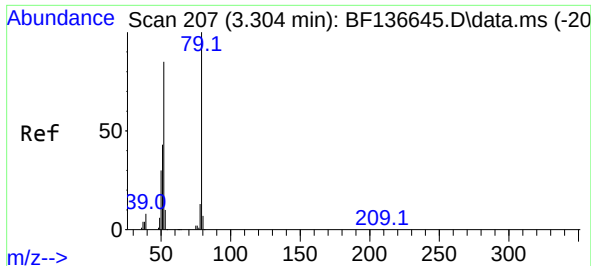
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#2
1,4-Dioxane
Concen: 29.239 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.088 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

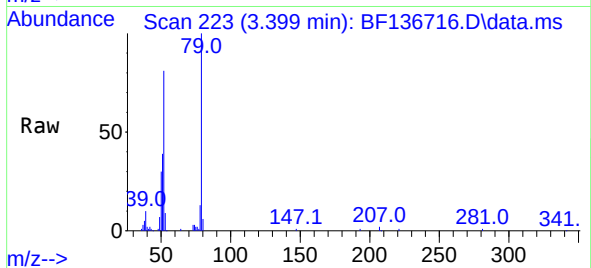
Tgt Ion: 88 Resp: 75585
Ion Ratio Lower Upper
88 100
58 83.4 67.4 101.0
43 34.8 27.7 41.5





#3
Pyridine
Concen: 29.773 ng
RT: 3.399 min Scan# 217
Delta R.T. 0.094 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

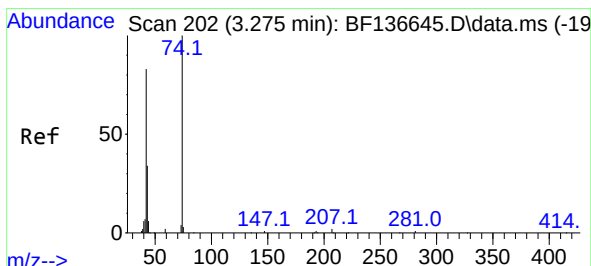
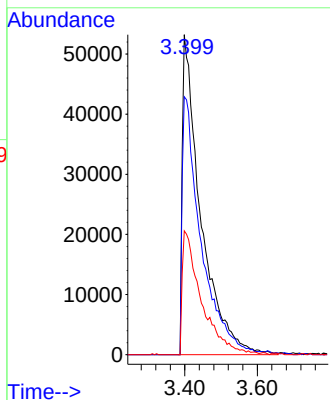
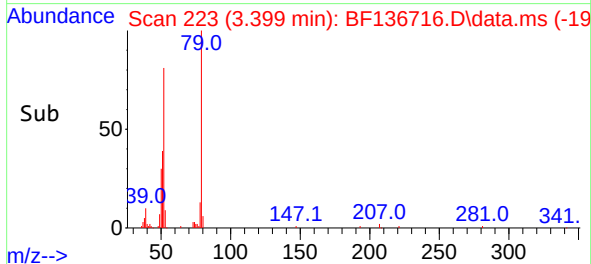
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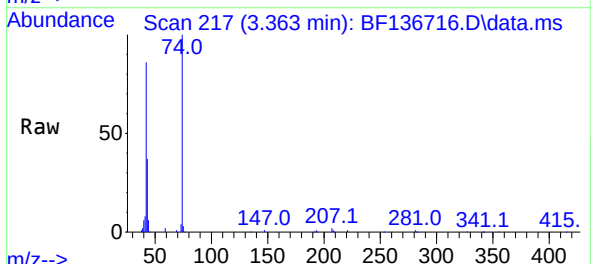
Tgt Ion: 79 Resp: 18778
Ion Ratio Lower Upper
79 100
52 80.6 67.7 101.5
51 38.7 34.0 51.0

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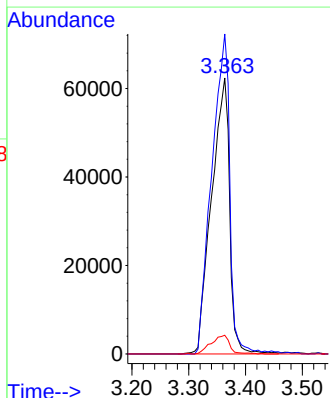
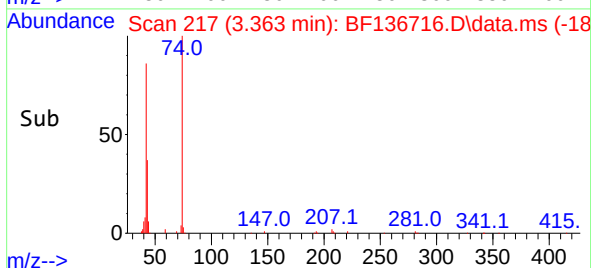
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

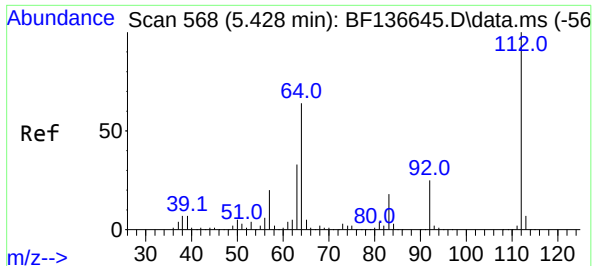


#4
n-Nitrosodimethylamine
Concen: 40.859 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion: 42 Resp: 137619
Ion Ratio Lower Upper
42 100
74 115.9 96.0 144.0
44 6.8 5.4 8.2





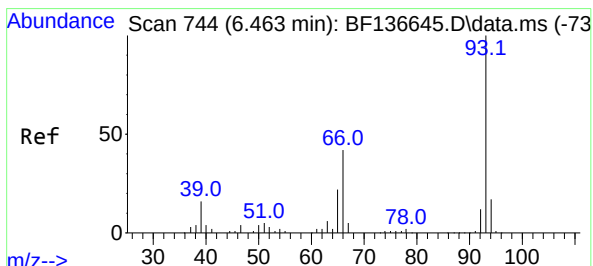
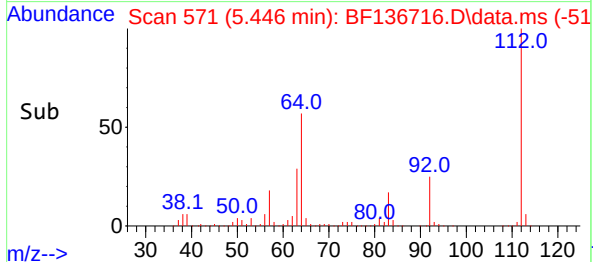
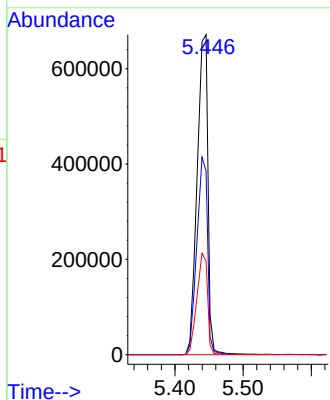
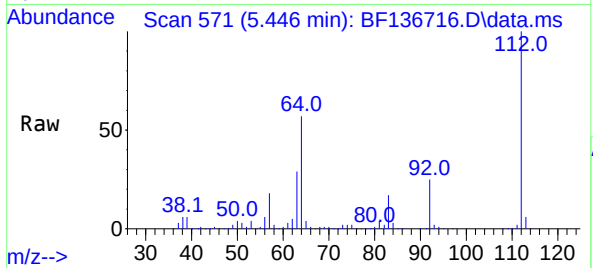
#5
2-Fluorophenol
Concen: 119.092 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :
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ClientSampleId :
PB157895BSD

Tgt Ion:112 Resp: 73886
Ion Ratio Lower Upper
112 100
64 57.4 51.1 76.7
63 29.3 26.1 39.1

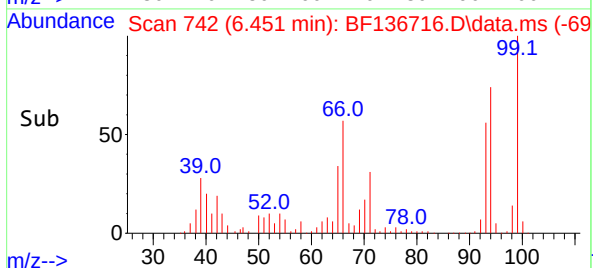
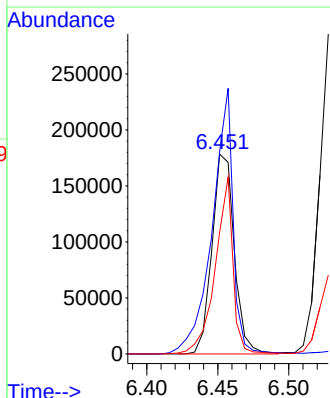
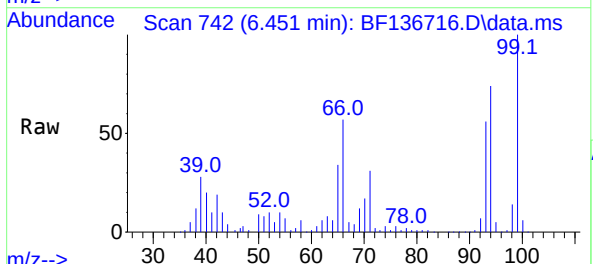
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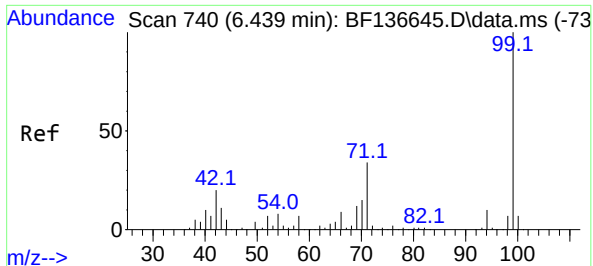
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#6
Aniline
Concen: 24.209 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

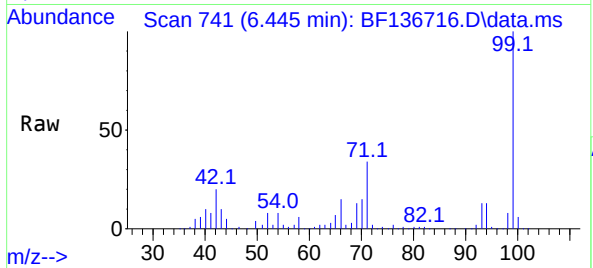
Tgt Ion: 93 Resp: 194582
Ion Ratio Lower Upper
93 100
66 101.2 34.6 51.8#
65 61.0 17.8 26.8#





#7
Phenol-d6
Concen: 110.839 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

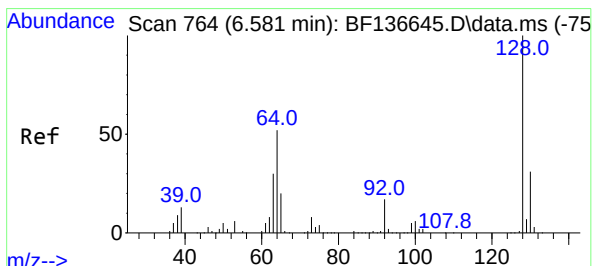
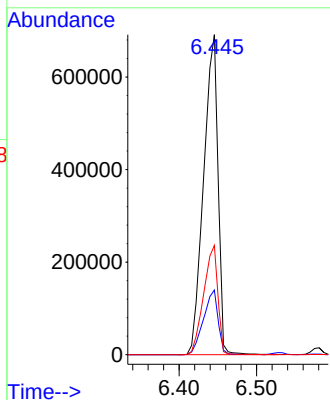
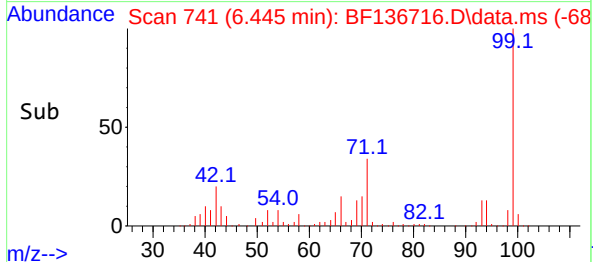
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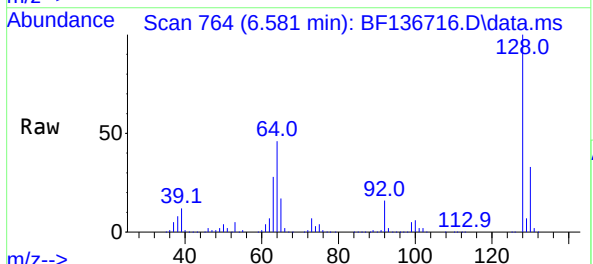
Tgt Ion: 99 Resp: 89104
Ion Ratio Lower Upper
99 100
42 20.2 16.1 24.1
71 34.2 27.4 41.2

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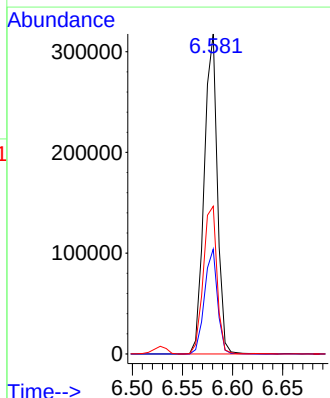
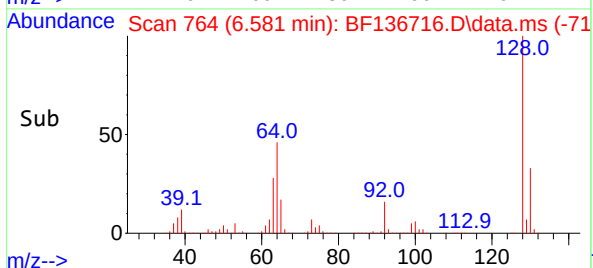
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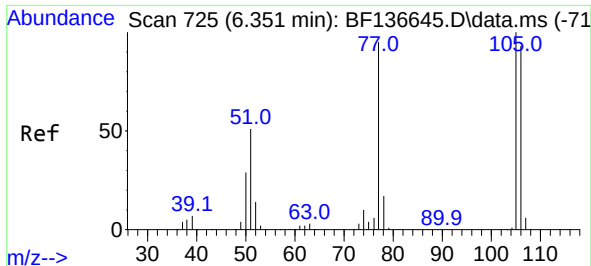


#8
2-Chlorophenol
Concen: 42.941 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



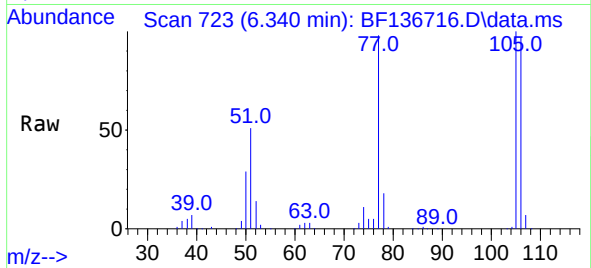
Tgt Ion:128 Resp: 291544
Ion Ratio Lower Upper
128 100
130 32.8 11.3 51.3
64 46.2 32.5 72.5





#9
Benzaldehyde
Concen: 14.423 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

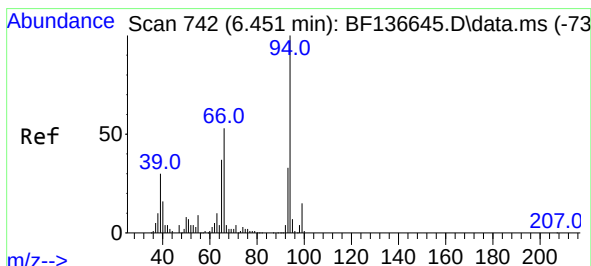
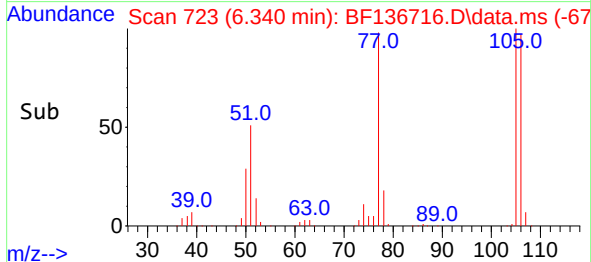
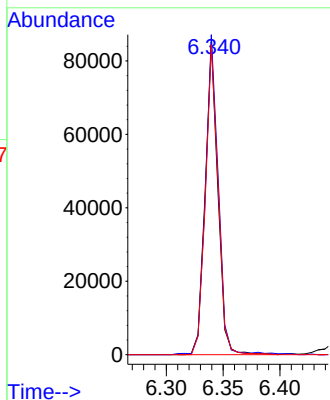
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 65950
Ion Ratio Lower Upper
77 100
105 102.3 84.8 124.8
106 99.1 77.8 117.8

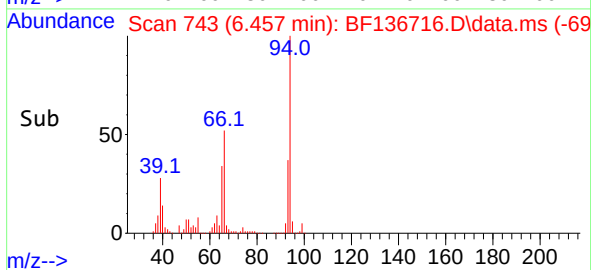
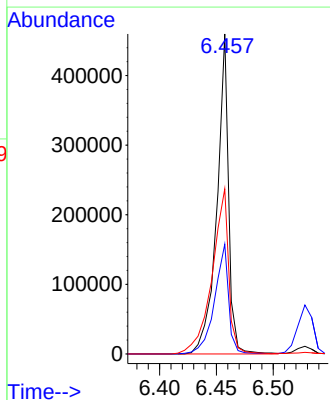
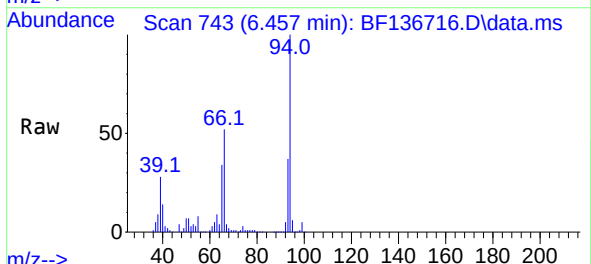
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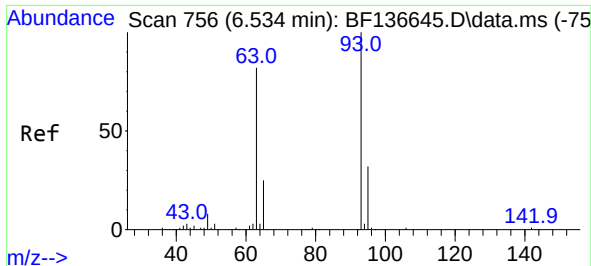
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#10
Phenol
Concen: 38.611 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Tgt Ion: 94 Resp: 331350
Ion Ratio Lower Upper
94 100
65 34.3 16.6 56.6
66 51.6 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 40.859 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

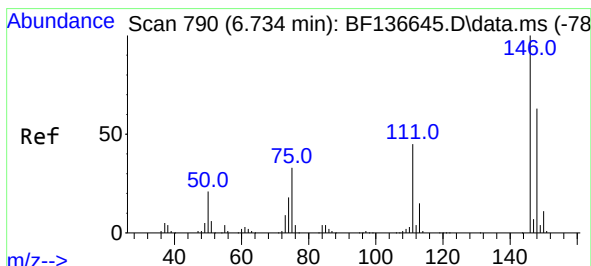
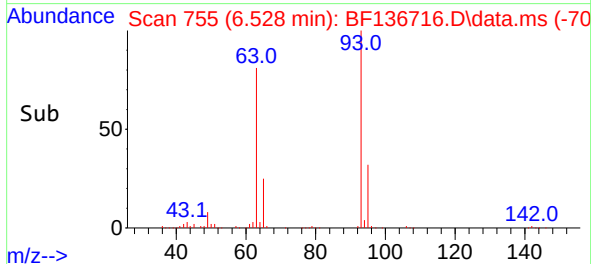
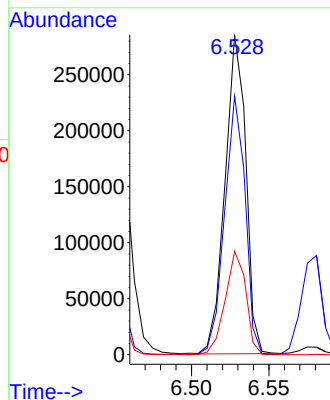
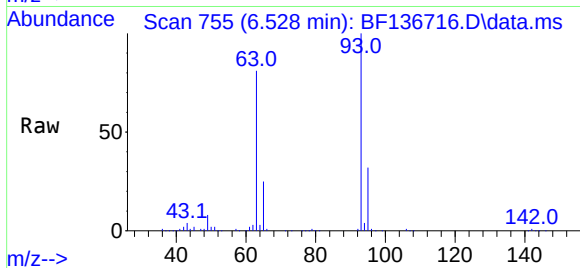
ClientSampleId :

PB157895BSD

Tgt Ion: 93 Resp: 266660
Ion Ratio Lower Upper
93 100
63 80.8 61.2 101.2
95 32.3 11.6 51.6

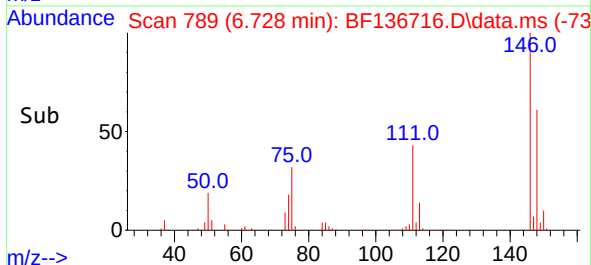
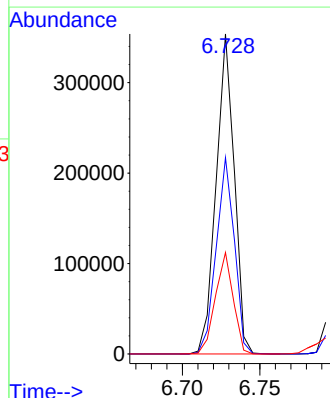
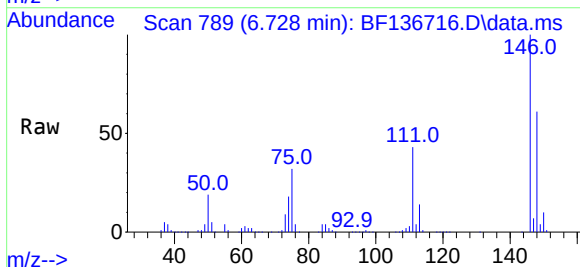
Manual Integrations
APPROVED

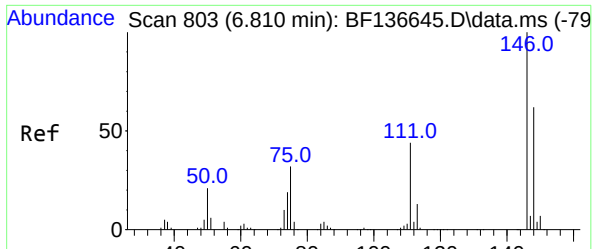
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#12
1,3-Dichlorobenzene
Concen: 38.763 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

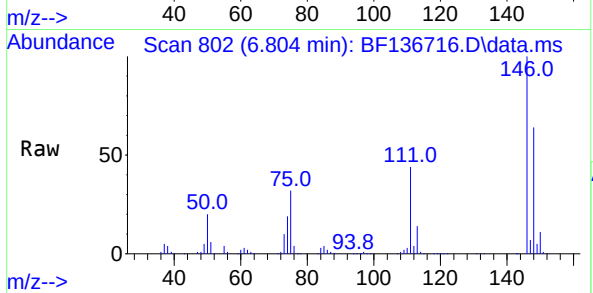
Tgt Ion:146 Resp: 287102
Ion Ratio Lower Upper
146 100
148 61.3 50.5 75.7
75 31.7 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 38.501 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

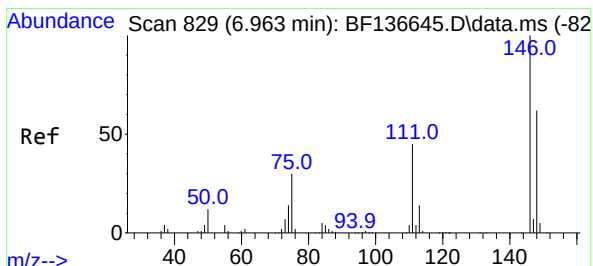
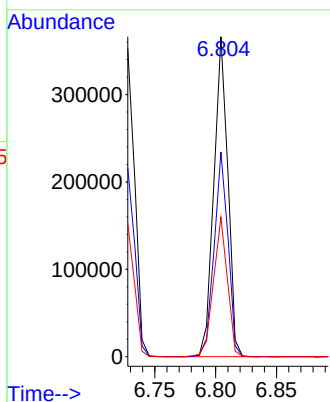
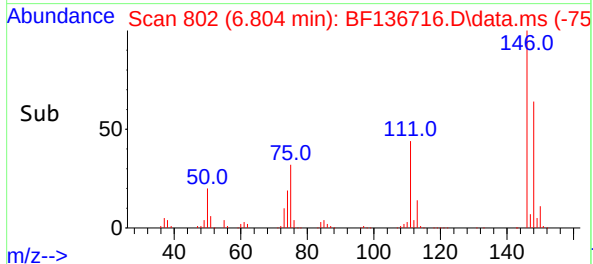
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



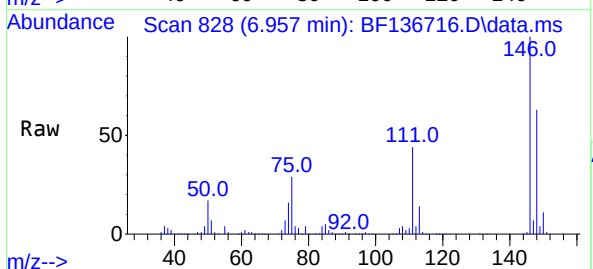
Tgt Ion:146 Resp: 291360
Ion Ratio Lower Upper
146 100
148 64.0 49.2 73.8
111 43.5 35.2 52.8

Manual Integrations
APPROVED

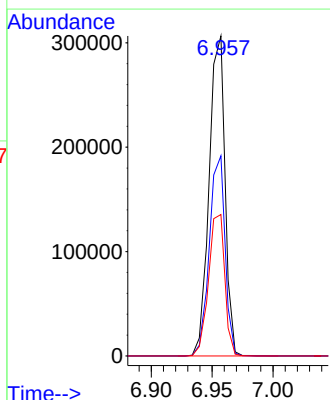
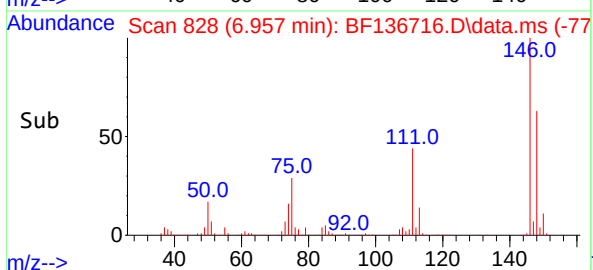
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

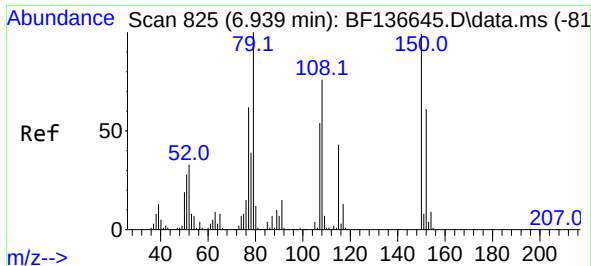


#14
1,2-Dichlorobenzene
Concen: 39.500 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



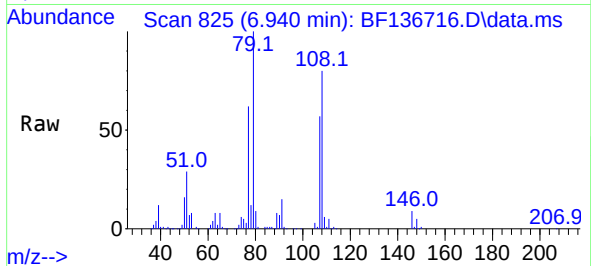
Tgt Ion:146 Resp: 278160
Ion Ratio Lower Upper
146 100
148 62.5 49.6 74.4
111 44.2 36.2 54.2





#15
Benzyl Alcohol
Concen: 42.543 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

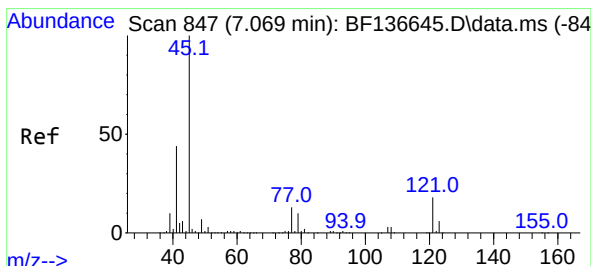
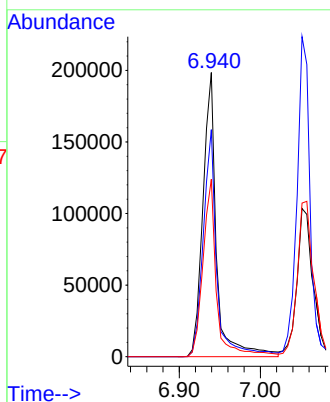
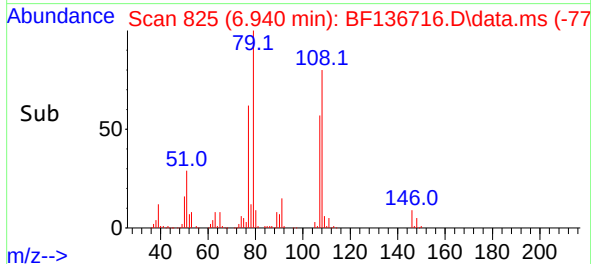
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



Tgt Ion: 79 Resp: 230732
Ion Ratio Lower Upper
79 100
108 79.9 61.0 91.6
77 62.4 49.8 74.8

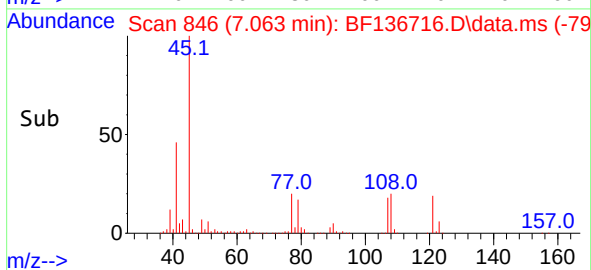
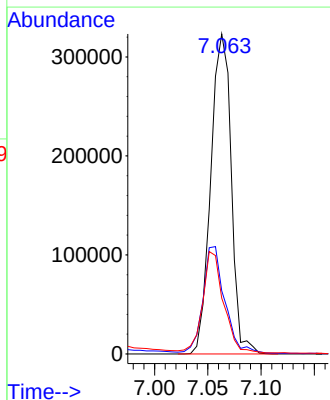
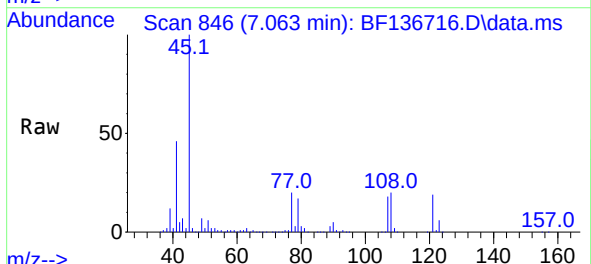
Manual Integrations
APPROVED

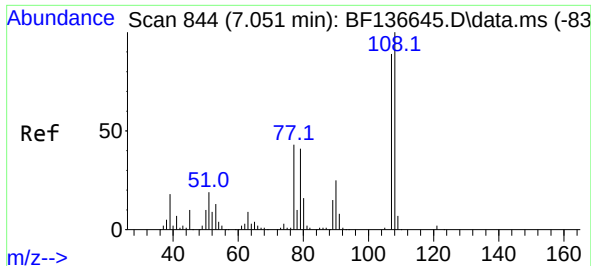
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.380 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

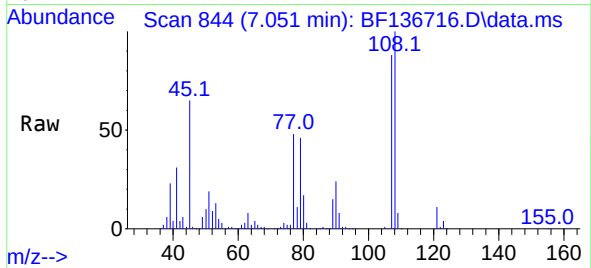
Tgt Ion: 45 Resp: 430858
Ion Ratio Lower Upper
45 100
77 19.7 0.0 34.3
79 17.4 0.0 31.4





#17
2-Methylphenol
Concen: 40.190 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

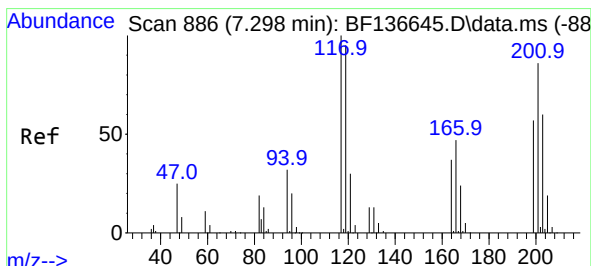
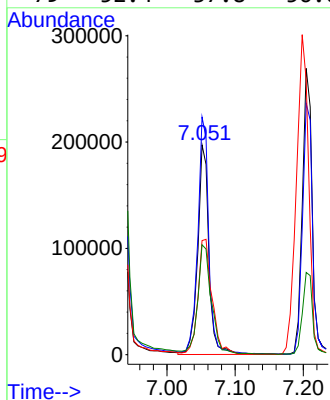
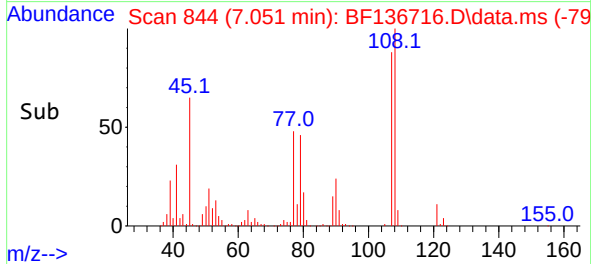
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



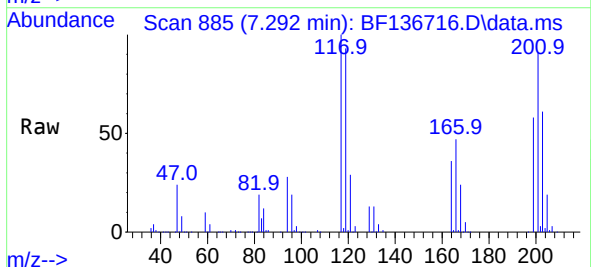
Tgt Ion:107 Resp: 226054
Ion Ratio Lower Upper
107 100
108 113.3 90.3 135.5
77 54.4 38.7 58.1
79 52.4 37.8 56.6

Manual Integrations
APPROVED

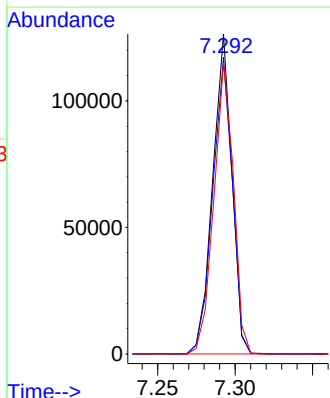
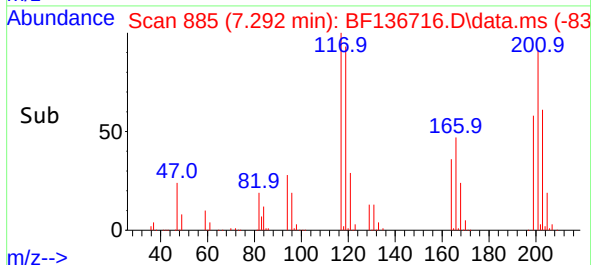
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

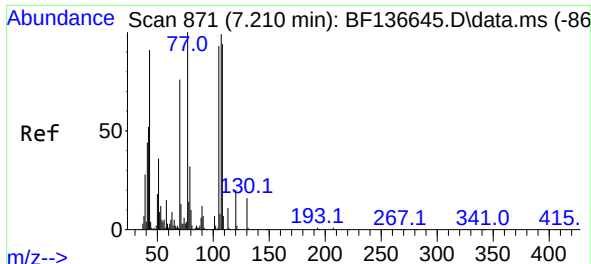


#18
Hexachloroethane
Concen: 39.674 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



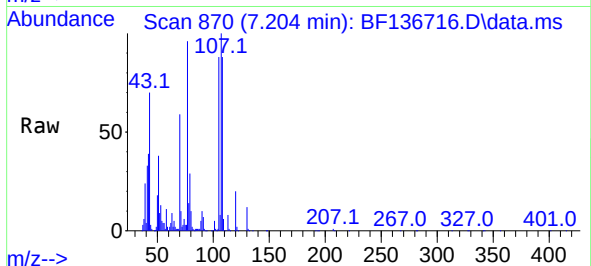
Tgt Ion:117 Resp: 109041
Ion Ratio Lower Upper
117 100
119 92.7 75.8 113.6
201 90.9 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 39.858 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

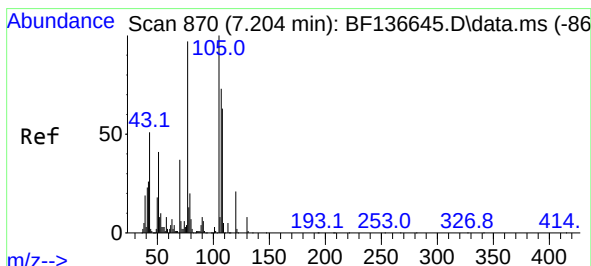
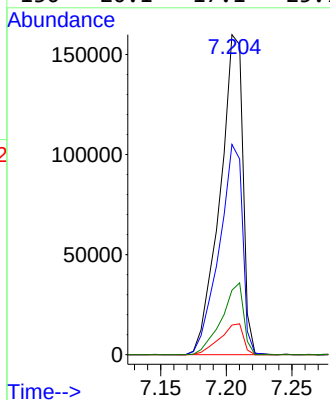
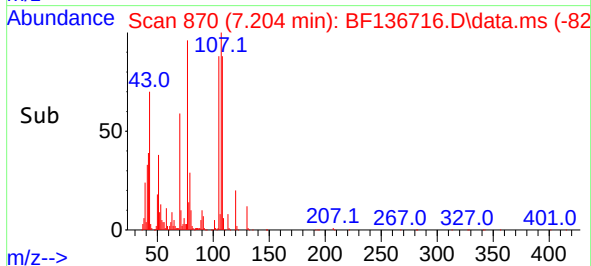
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



Tgt Ion: 70 Resp: 19423
Ion Ratio Lower Upper
70 100
42 65.7 54.2 81.4
101 9.2 7.6 11.4
130 20.1 17.1 25.7

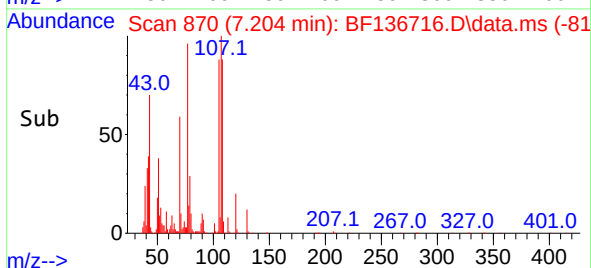
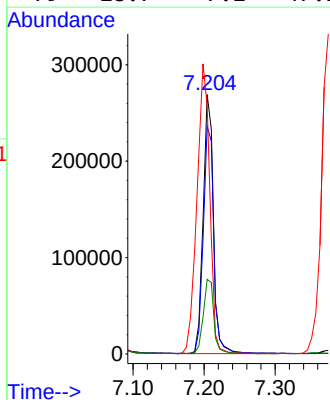
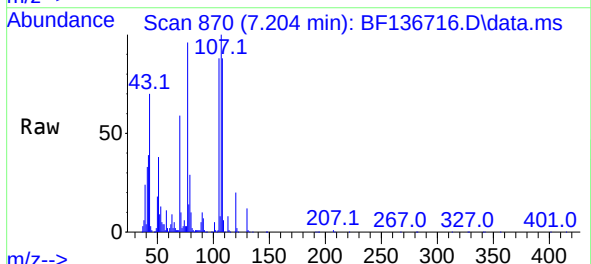
Manual Integrations
APPROVED

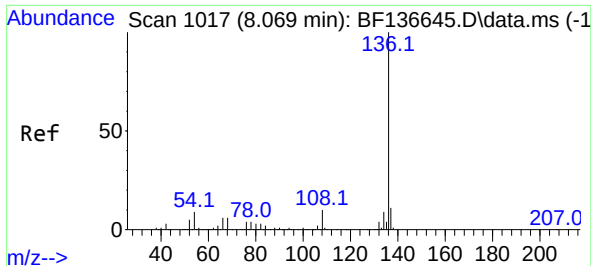
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#20
3+4-Methylphenols
Concen: 38.420 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Tgt Ion:107 Resp: 269970
Ion Ratio Lower Upper
107 100
108 87.8 66.0 106.0
77 95.8 114.2 154.2#
79 28.7 7.2 47.2





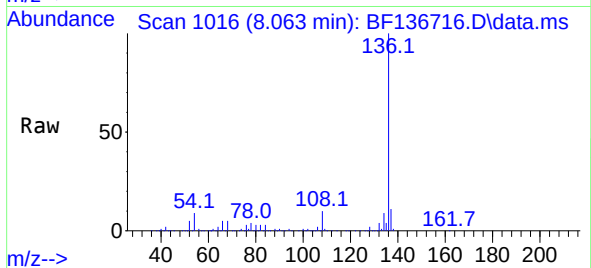
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

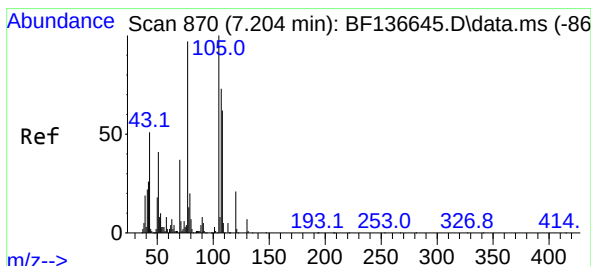
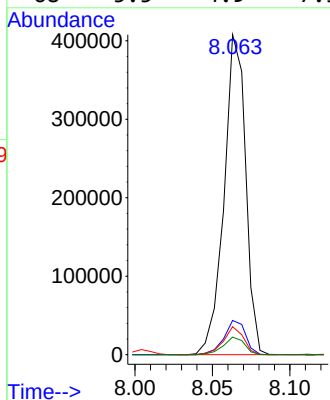
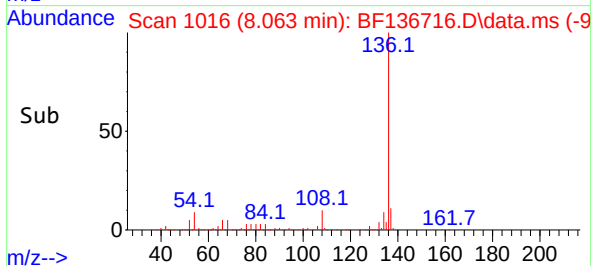


Tgt Ion:136 Resp: 394750
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.7 7.2 10.8
68 5.5 4.9 7.3

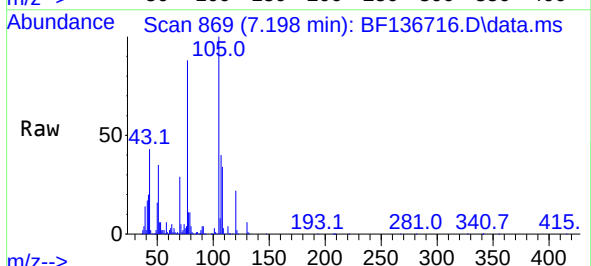
Manual Integrations

APPROVED

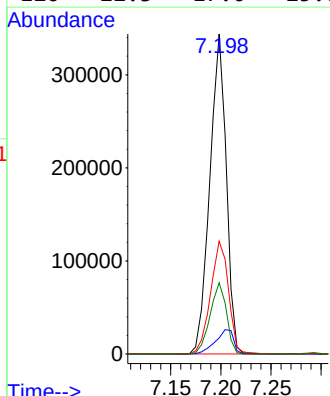
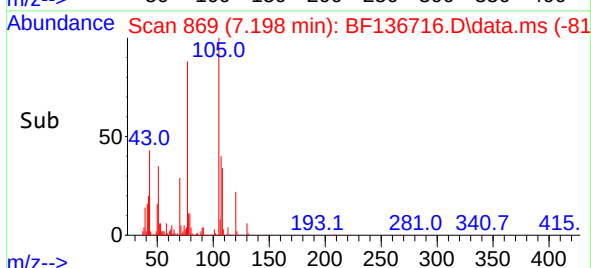
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

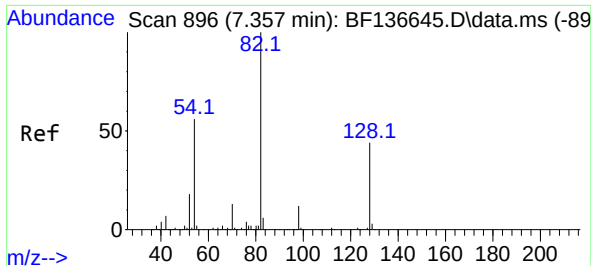


#22
Acetophenone
Concen: 39.728 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion:105 Resp: 393082
Ion Ratio Lower Upper
105 100
71 5.0 4.8 7.2
51 35.2 32.8 49.2
120 22.3 17.0 25.6





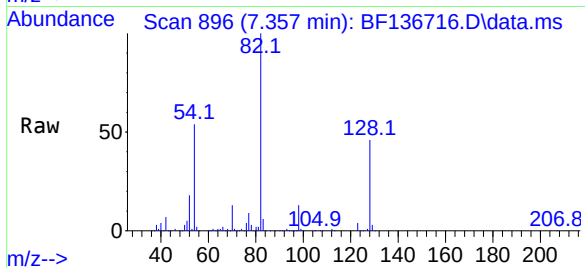
#23
Nitrobenzene-d5
Concen: 73.332 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

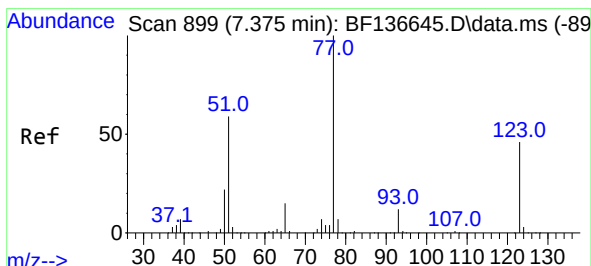
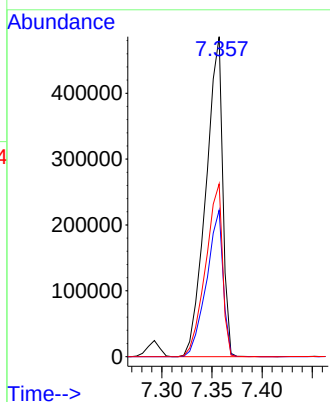
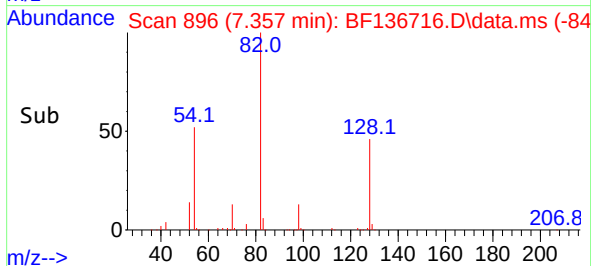


Tgt Ion: 82 Resp: 565709
Ion Ratio Lower Upper
82 100
128 45.8 35.3 52.9
54 54.0 44.5 66.7

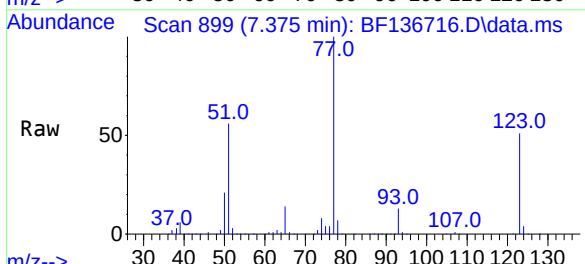
Manual Integrations

APPROVED

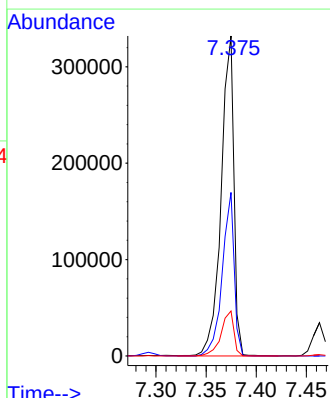
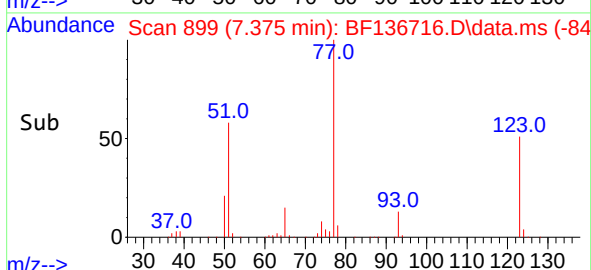
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

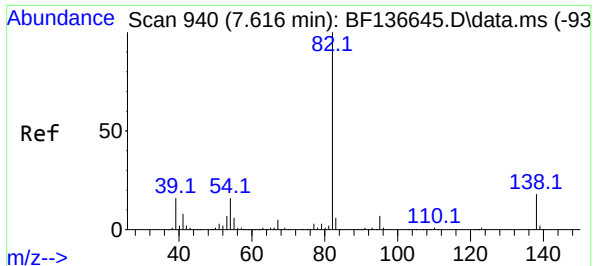


#24
Nitrobenzene
Concen: 38.068 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion: 77 Resp: 294180
Ion Ratio Lower Upper
77 100
123 51.1 36.7 55.1
65 14.1 11.8 17.6





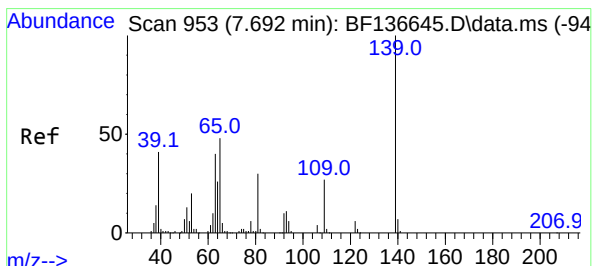
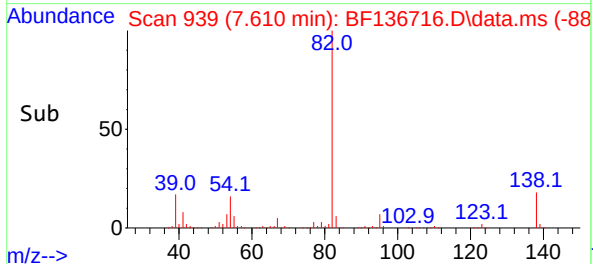
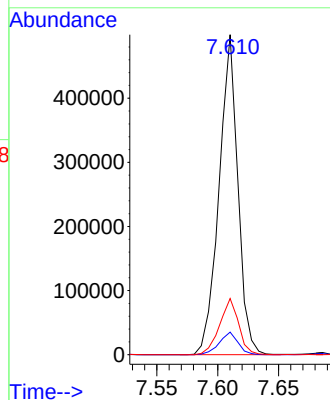
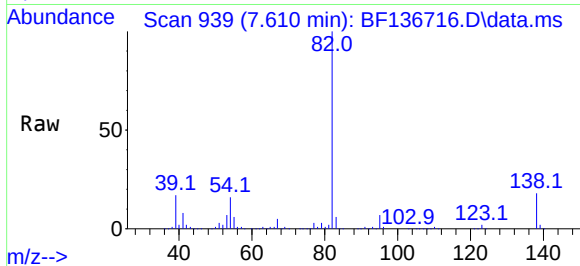
#25
Isophorone
Concen: 38.320 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :
BNA_F
ClientSampleId :
PB157895BSD

Tgt Ion: 82 Resp: 53790
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.6 14.5 21.7

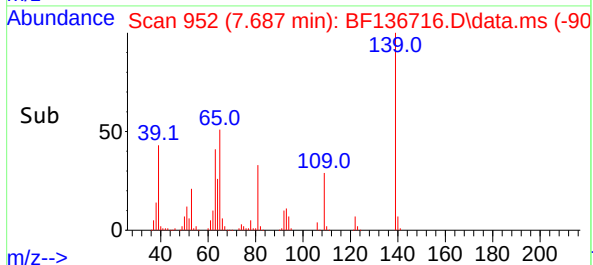
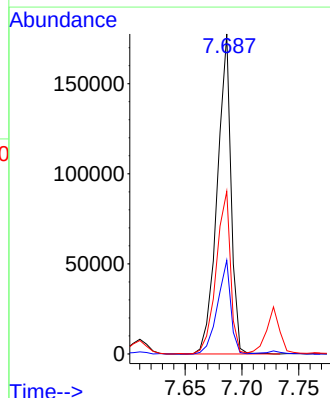
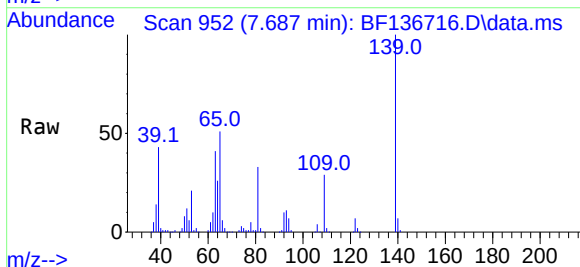
Manual Integrations
APPROVED

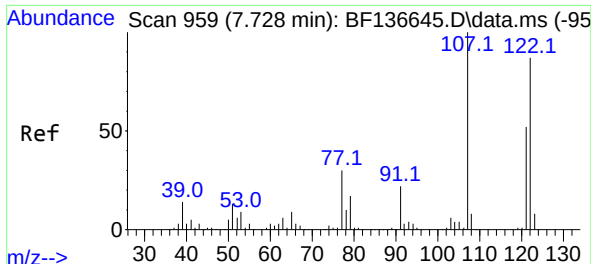
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#26
2-Nitrophenol
Concen: 40.700 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Tgt Ion:139 Resp: 150481
Ion Ratio Lower Upper
139 100
109 29.3 21.9 32.9
65 50.8 38.6 58.0





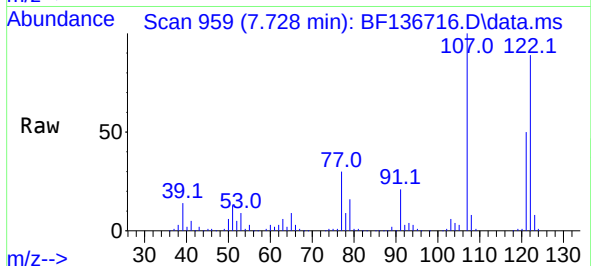
#27
2,4-Dimethylphenol
Concen: 49.770 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

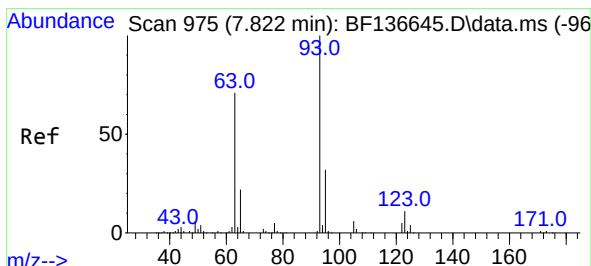
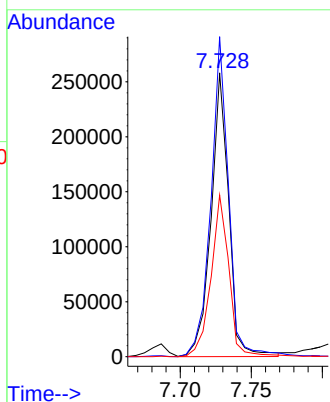
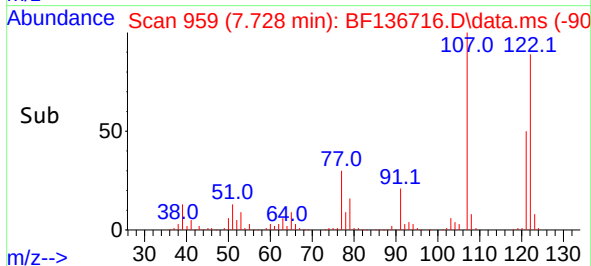


Tgt Ion:122 Resp: 22402
Ion Ratio Lower Upper
122 100
107 112.7 92.0 138.0
121 56.9 47.5 71.3

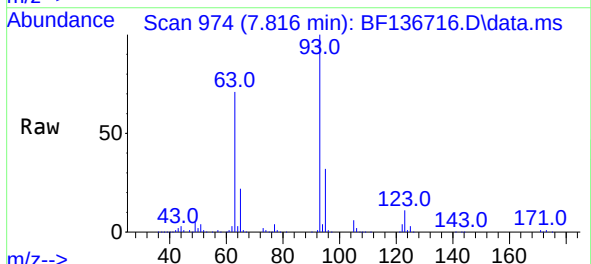
Manual Integrations

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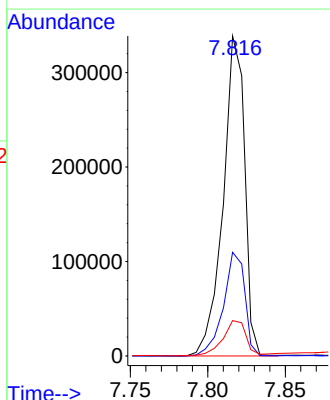
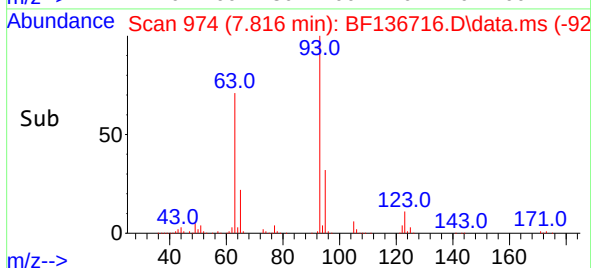
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

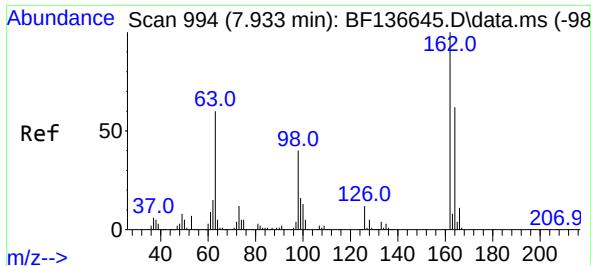


#28
bis(2-Chloroethoxy)methane
Concen: 38.304 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



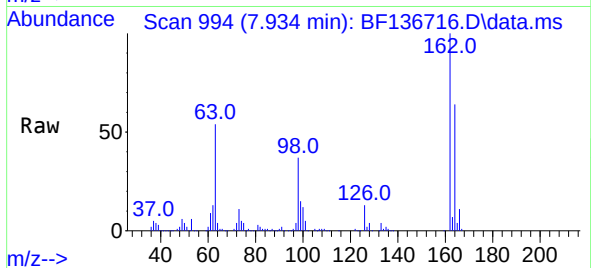
Tgt Ion: 93 Resp: 326829
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 11.1 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 38.489 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

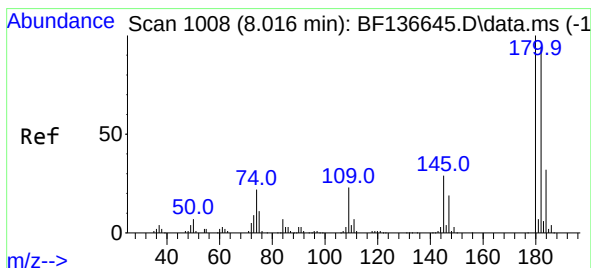
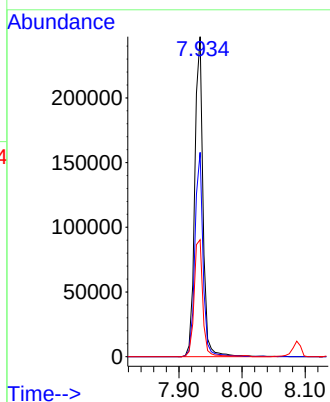
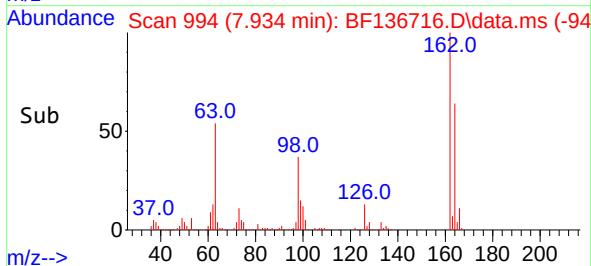
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



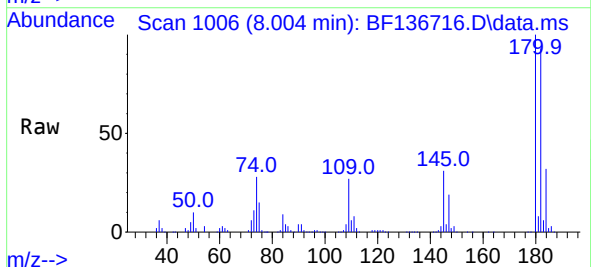
Tgt Ion:162 Resp: 22304
Ion Ratio Lower Upper
162 100
164 63.9 41.7 81.7
98 36.6 19.5 59.5

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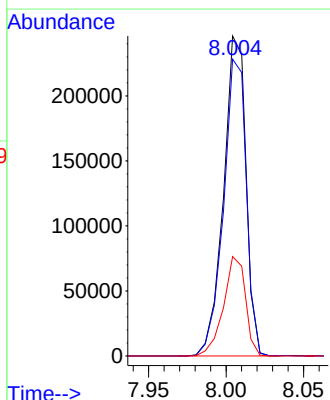
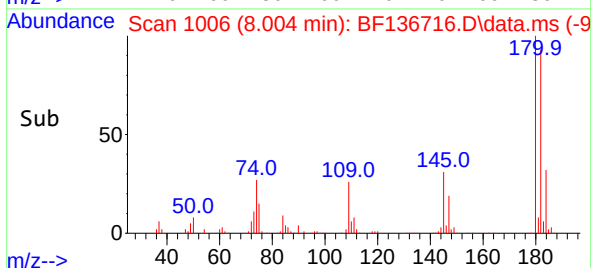
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

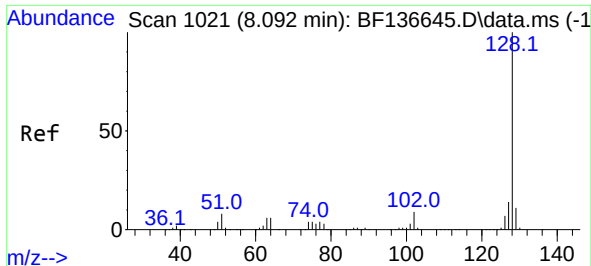


#30
1,2,4-Trichlorobenzene
Concen: 38.433 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion:180 Resp: 248152
Ion Ratio Lower Upper
180 100
182 92.8 75.4 113.0
145 31.0 23.1 34.7





#31
Naphthalene
Concen: 38.127 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

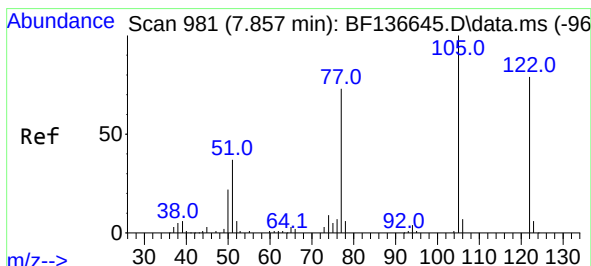
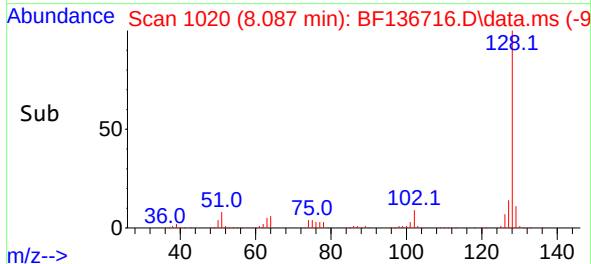
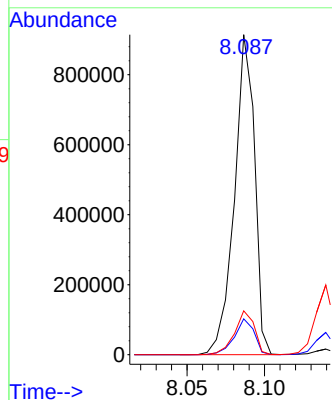
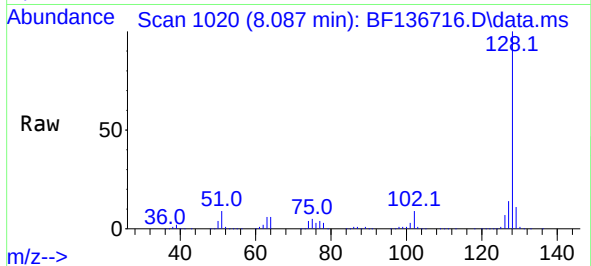
PB157895BSD

Tgt Ion:128 Resp: 826839
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.7 10.8 16.2

Manual Integrations

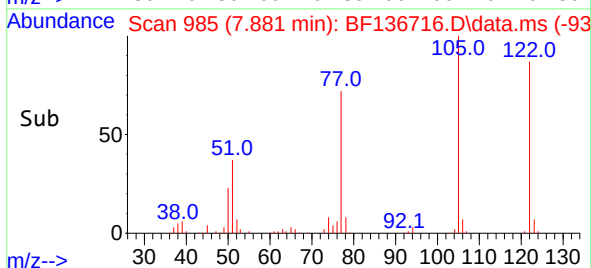
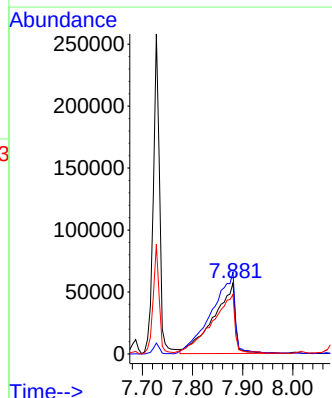
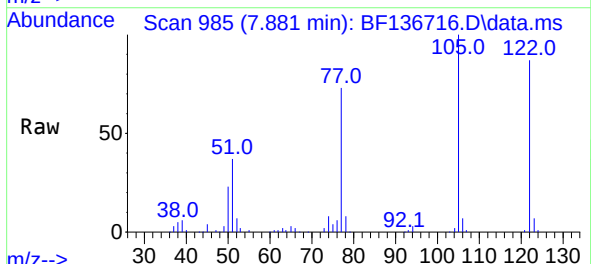
APPROVED

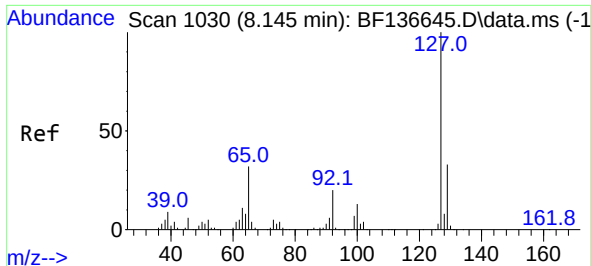
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#32
Benzoic acid
Concen: 39.658 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Tgt Ion:122 Resp: 172719
Ion Ratio Lower Upper
122 100
105 115.1 100.8 140.8
77 83.9 70.9 110.9





#33
4-Chloroaniline
Concen: 21.633 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

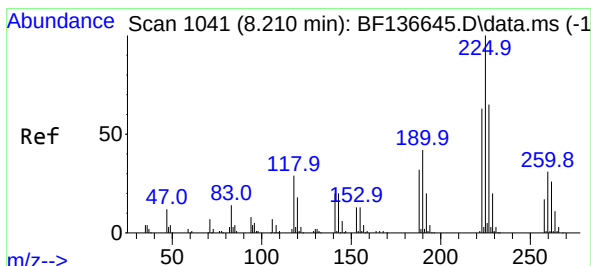
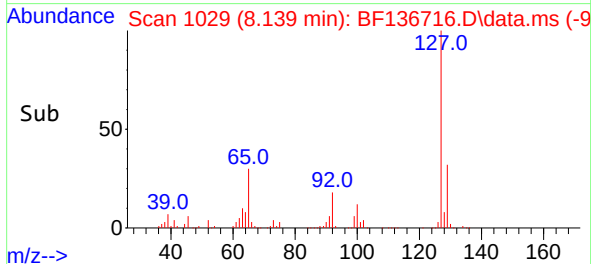
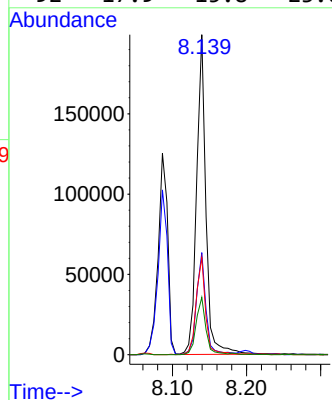
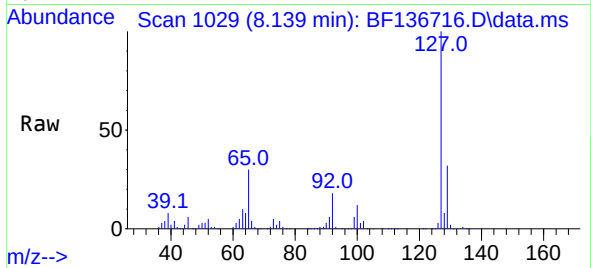
PB157895BSD

Tgt Ion:127 Resp: 173214
Ion Ratio Lower Upper
127 100
129 31.9 26.3 39.5
65 30.3 25.8 38.8
92 17.9 15.8 23.6

Manual Integrations

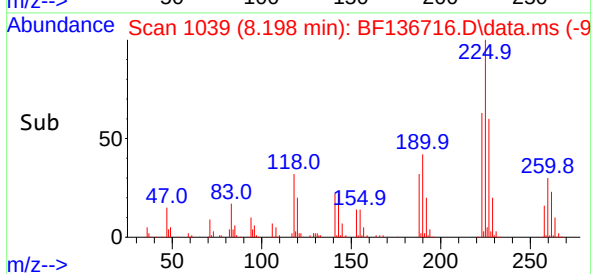
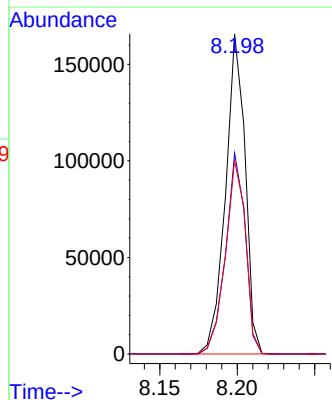
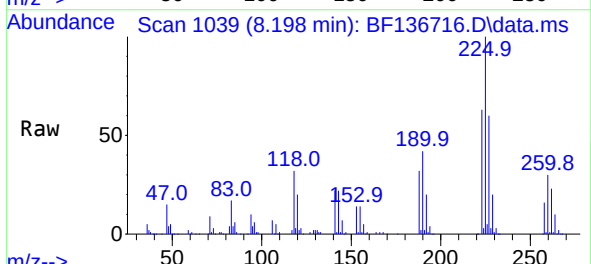
APPROVED

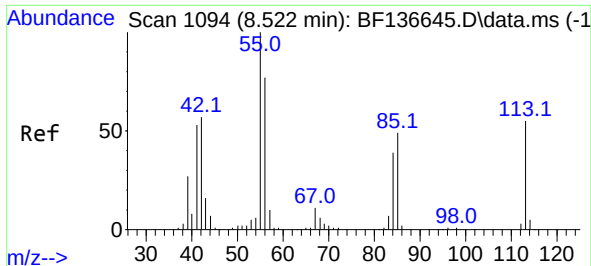
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#34
Hexachlorobutadiene
Concen: 37.245 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

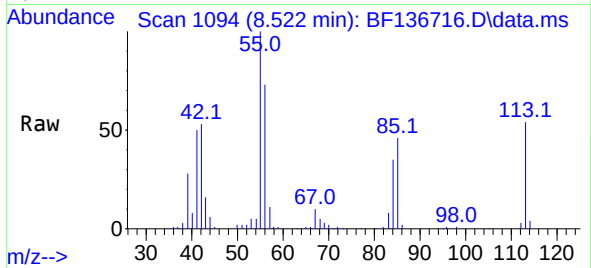
Tgt Ion:225 Resp: 146106
Ion Ratio Lower Upper
225 100
223 62.7 50.6 76.0
227 60.4 51.9 77.9





#35
Caprolactam
Concen: 38.331 ng m
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

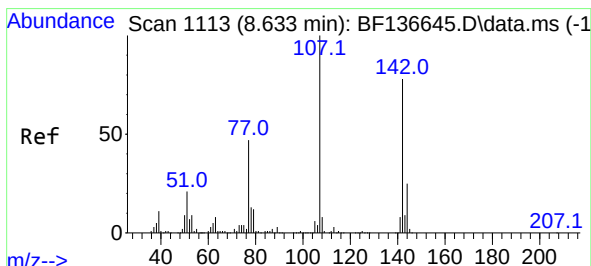
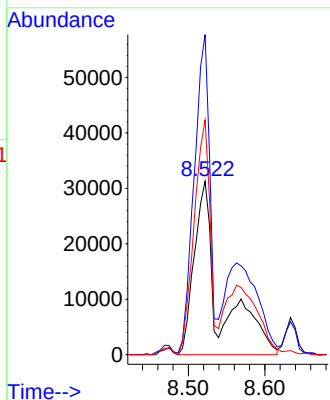
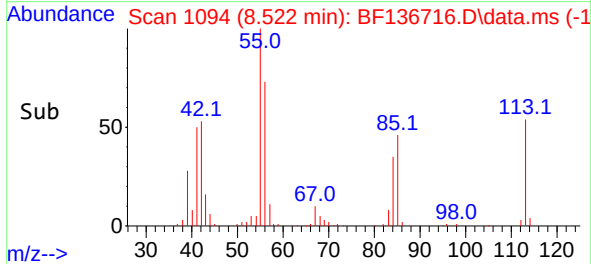
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



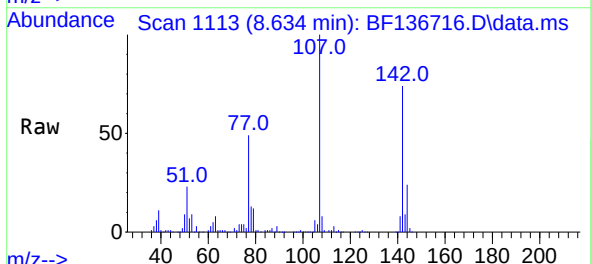
Tgt Ion:113 Resp: 73278
Ion Ratio Lower Upper
113 100
55 184.5 163.1 203.1
56 135.3 121.7 161.7

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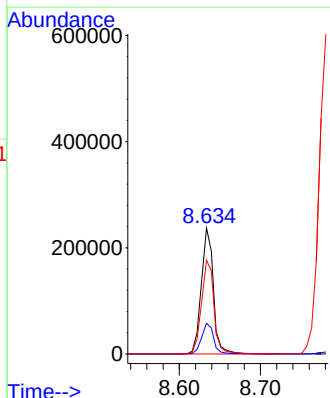
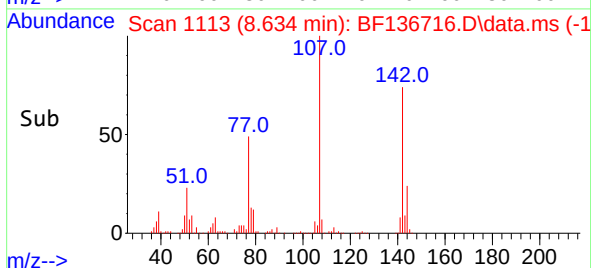
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

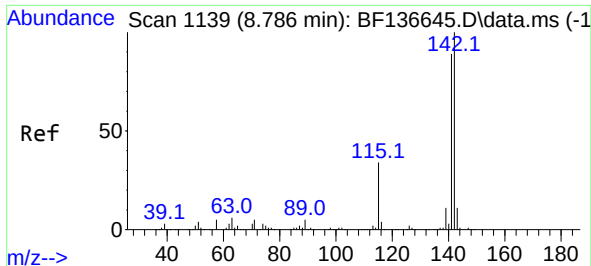


#36
4-Chloro-3-methylphenol
Concen: 37.644 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion:107 Resp: 245583
Ion Ratio Lower Upper
107 100
144 24.5 20.2 30.2
142 74.5 62.3 93.5





#37

2-Methylnaphthalene

Concen: 36.878 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136716.D

Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

Tgt Ion:142 Resp: 514704

Ion Ratio Lower Upper

142 100

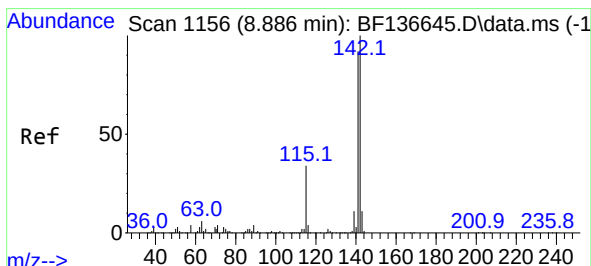
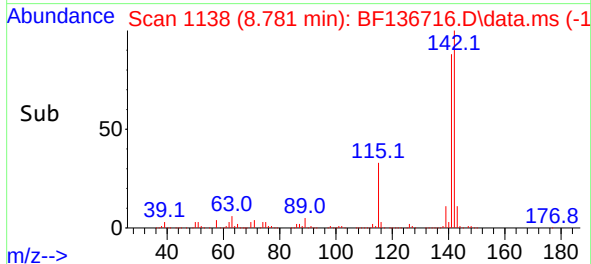
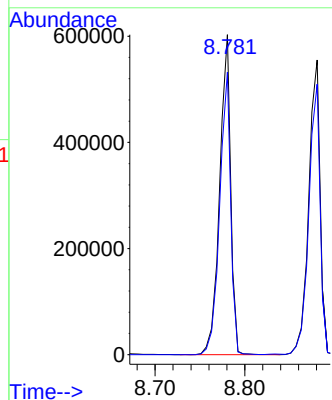
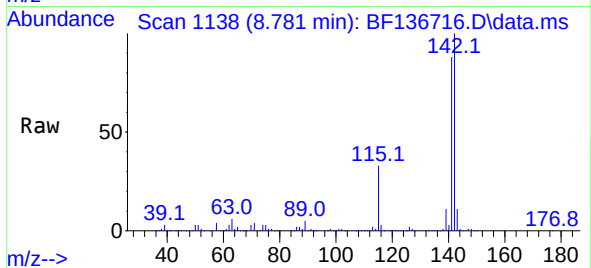
141 88.3 71.1 106.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#38

1-Methylnaphthalene

Concen: 35.869 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136716.D

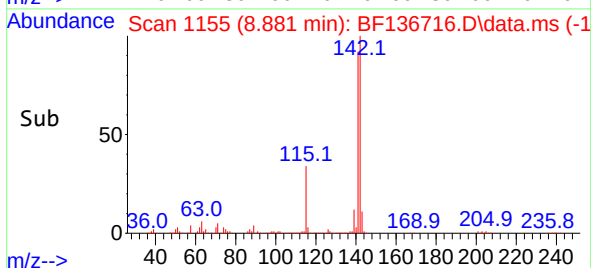
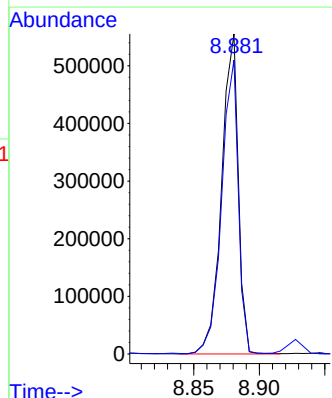
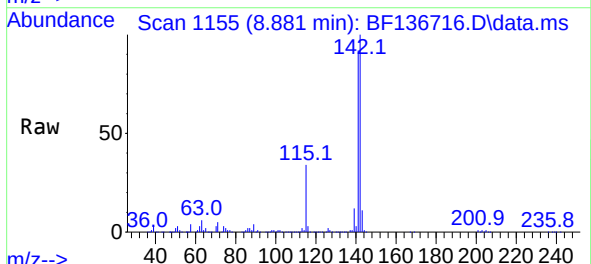
Acq: 26 Dec 2023 13:22

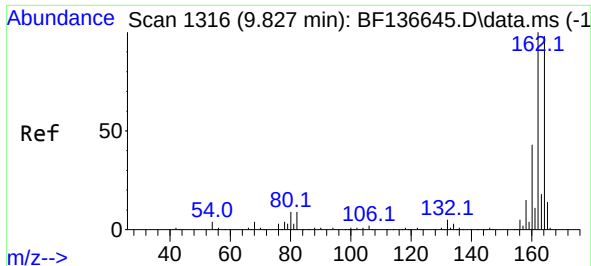
Tgt Ion:142 Resp: 491153

Ion Ratio Lower Upper

142 100

141 91.8 73.6 110.4





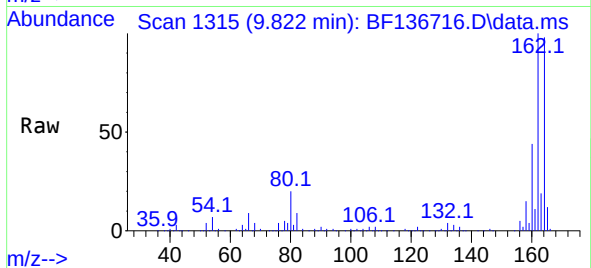
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

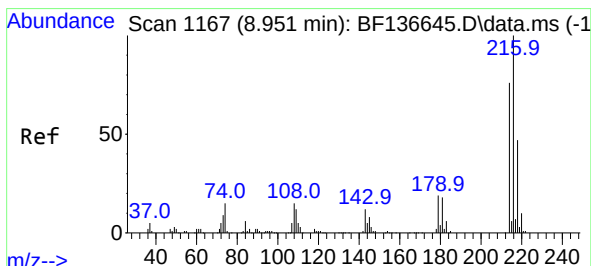
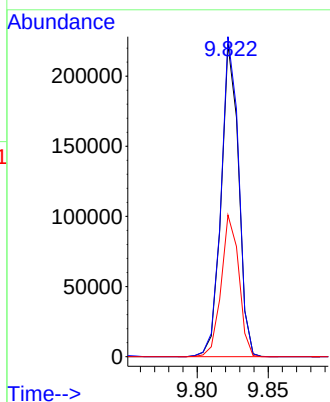
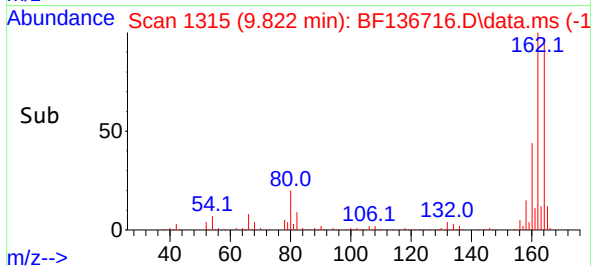


Tgt Ion:164 Resp: 189360
Ion Ratio Lower Upper
164 100
162 102.4 81.6 122.4
160 45.3 34.9 52.3

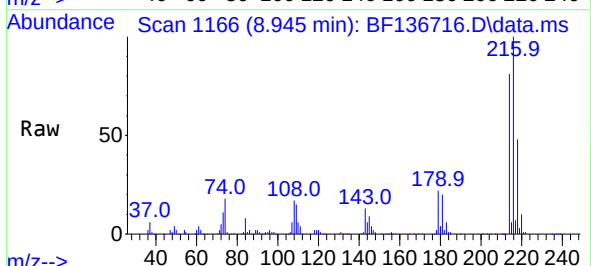
Manual Integrations

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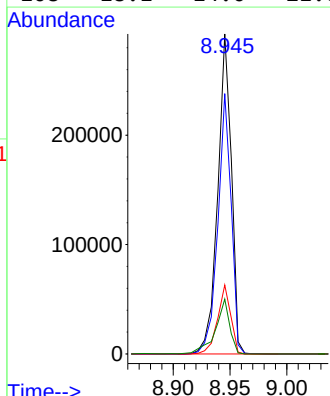
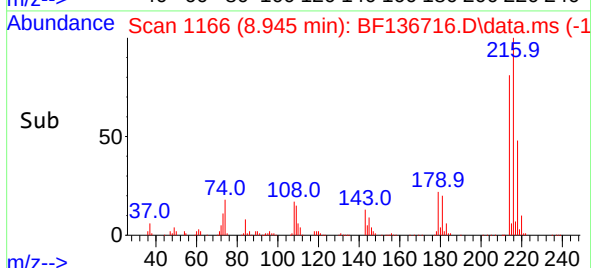
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

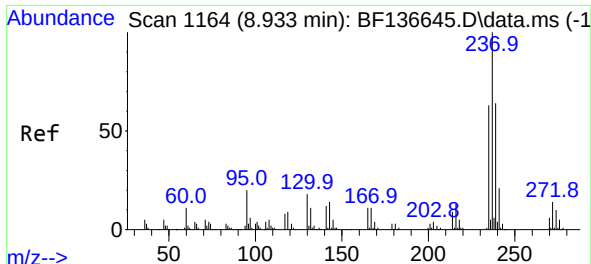


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.692 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



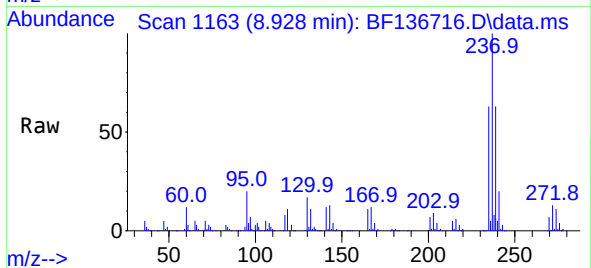
Tgt Ion:216 Resp: 244497
Ion Ratio Lower Upper
216 100
214 79.5 62.3 93.5
179 20.8 16.4 24.6
108 18.1 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 91.189 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

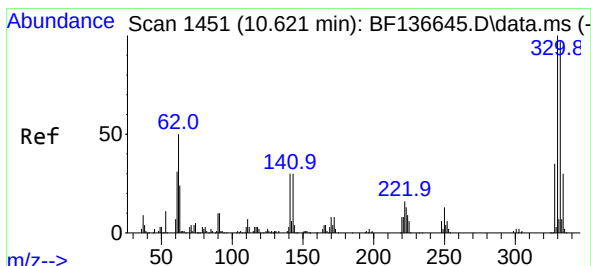
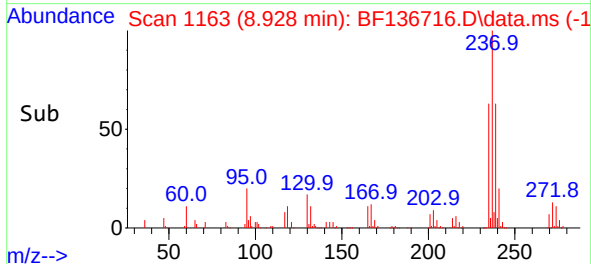
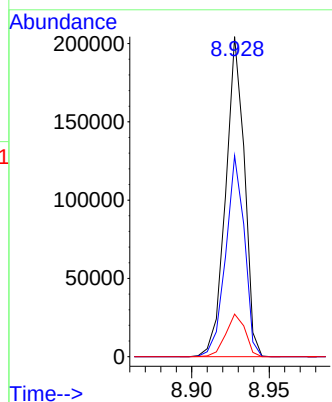
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



Tgt Ion:237 Resp: 17187
Ion Ratio Lower Upper
237 100
235 62.8 43.2 83.2
272 13.3 0.0 34.2

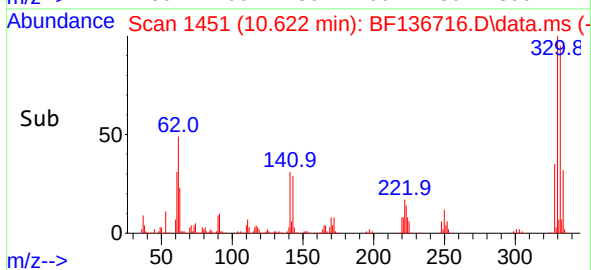
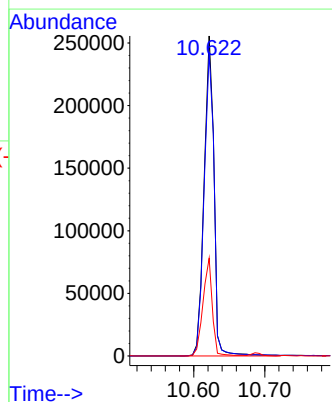
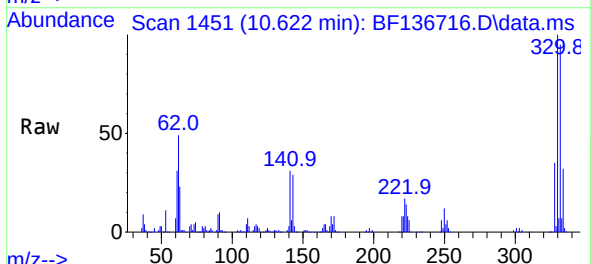
Manual Integrations
APPROVED

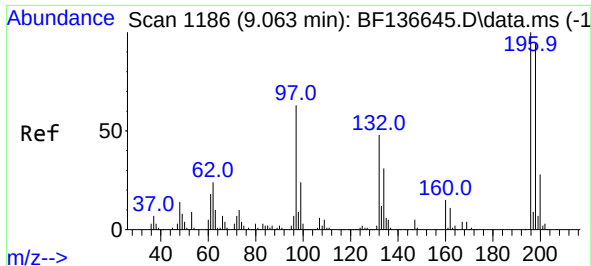
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#42
2,4,6-Tribromophenol
Concen: 110.805 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Tgt Ion:330 Resp: 247110
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 28.9 23.4 35.2





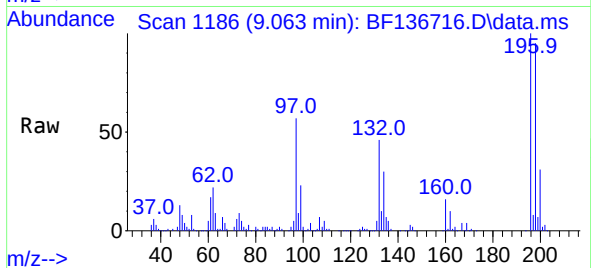
#43
2,4,6-Trichlorophenol
Concen: 41.273 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

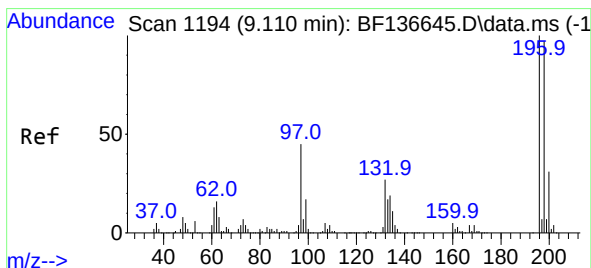
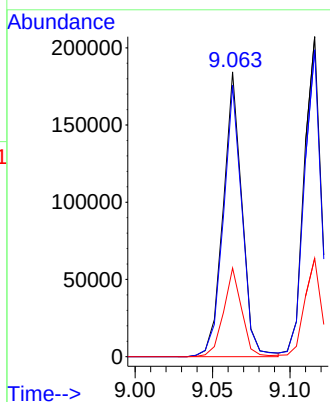
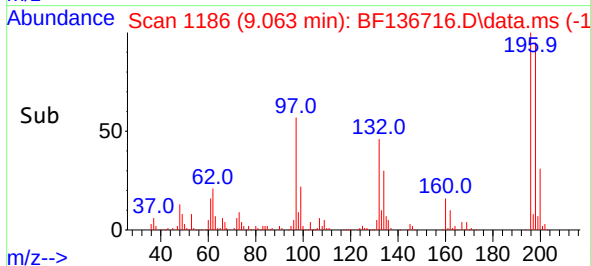


Tgt Ion:196 Resp: 155225
Ion Ratio Lower Upper
196 100
198 95.2 75.1 112.7
200 31.1 22.5 33.7

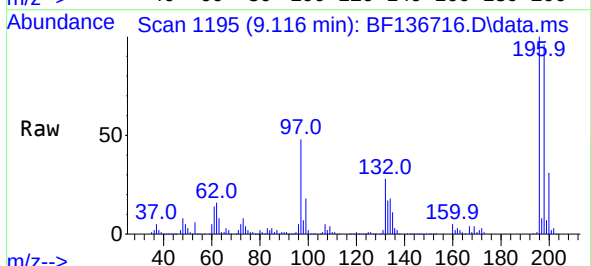
Manual Integrations

APPROVED

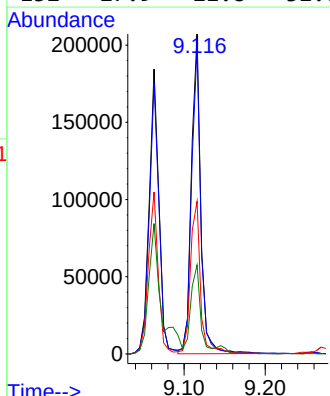
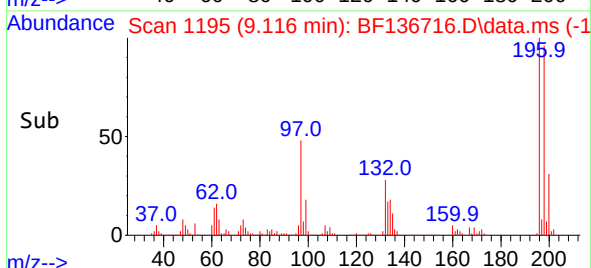
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

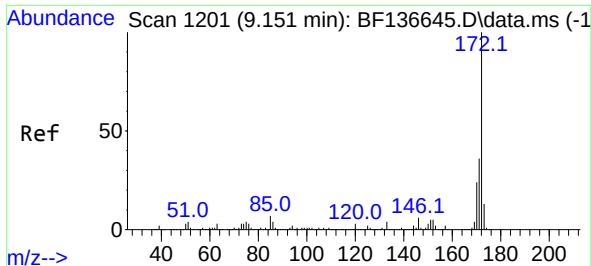


#44
2,4,5-Trichlorophenol
Concen: 39.834 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion:196 Resp: 166945
Ion Ratio Lower Upper
196 100
198 95.9 77.0 115.6
97 47.7 36.1 54.1
132 27.9 21.8 32.6





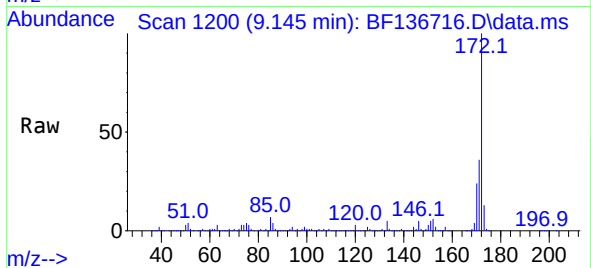
#45
2-Fluorobiphenyl
Concen: 74.983 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

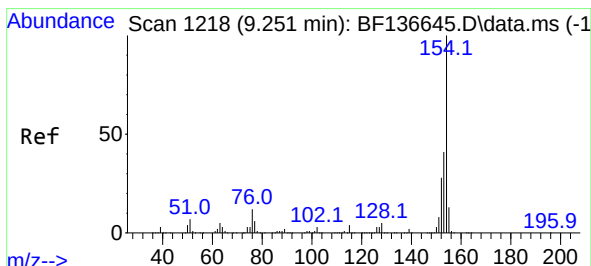
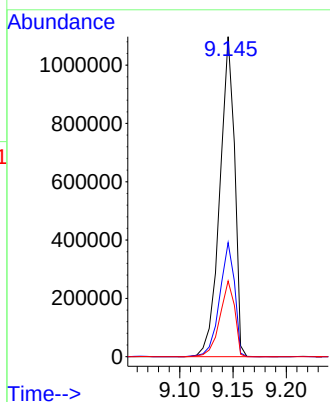
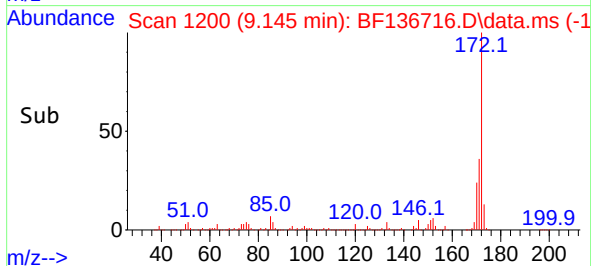


Tgt Ion:172 Resp: 105568
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.7 19.0 28.4

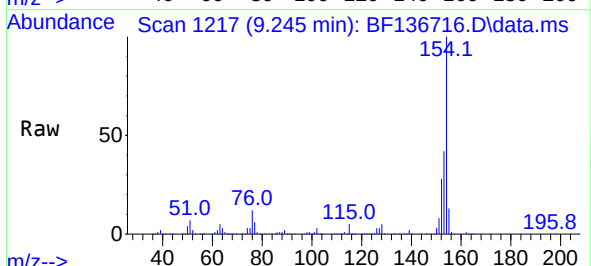
Manual Integrations

APPROVED

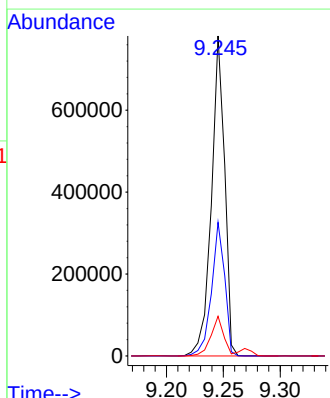
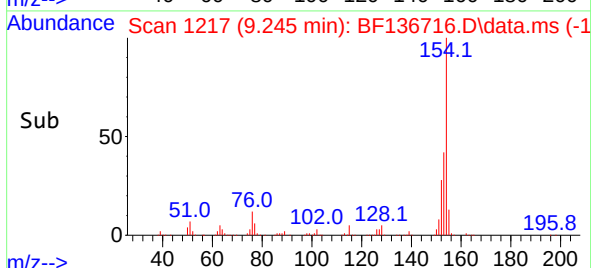
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

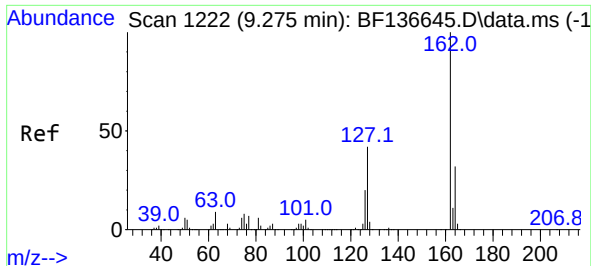


#46
1,1'-Biphenyl
Concen: 39.680 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion:154 Resp: 630519
Ion Ratio Lower Upper
154 100
153 41.8 21.1 61.1
76 12.4 0.0 31.7





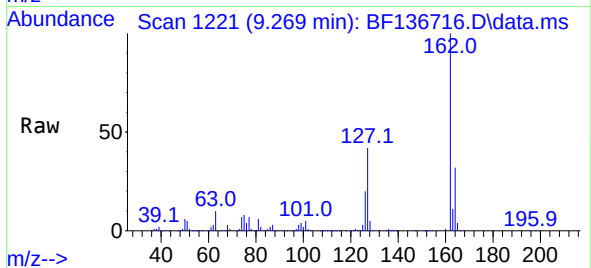
#47
2-Chloronaphthalene
Concen: 39.879 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

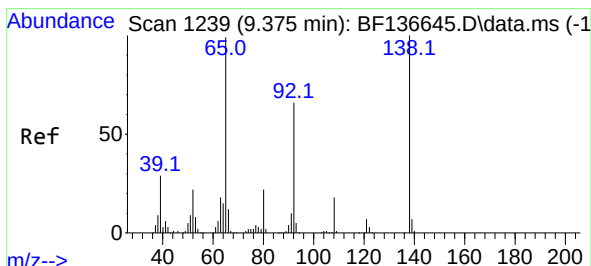
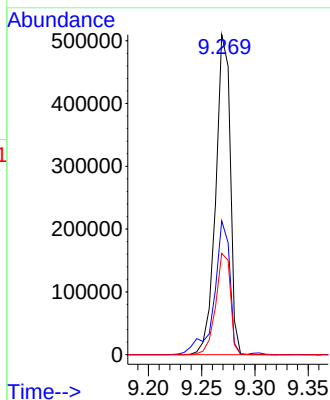
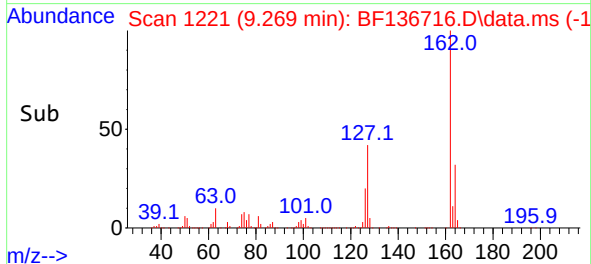


Tgt Ion:162 Resp: 481735
Ion Ratio Lower Upper
162 100
127 41.9 33.6 50.4
164 31.6 25.7 38.5

Manual Integrations

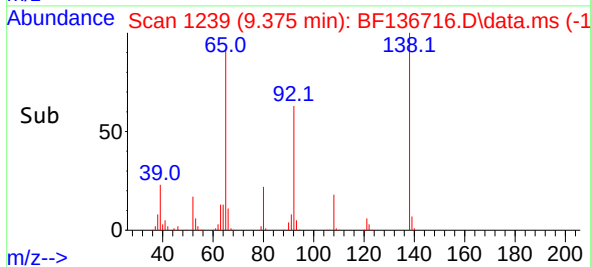
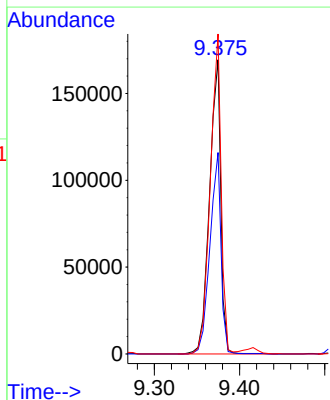
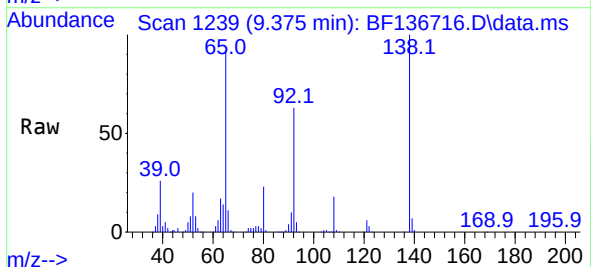
APPROVED

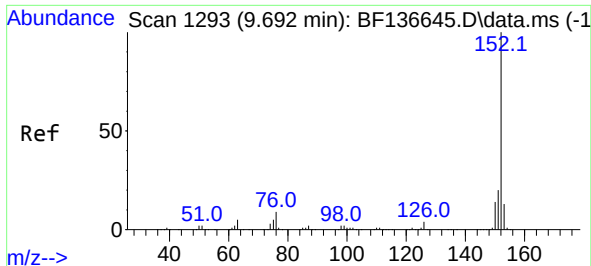
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#48
2-Nitroaniline
Concen: 41.090 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Tgt Ion: 65 Resp: 155436
Ion Ratio Lower Upper
65 100
92 68.4 53.2 79.8
138 108.7 81.1 121.7





#49

Acenaphthylene

Concen: 41.066 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF136716.D

Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

Tgt Ion:152 Resp: 75824

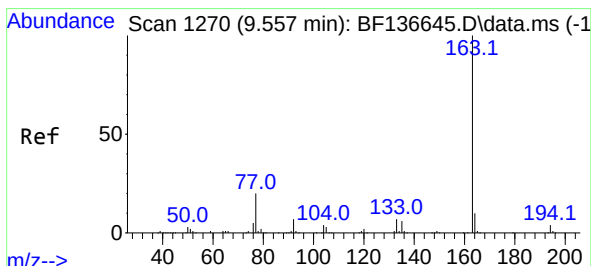
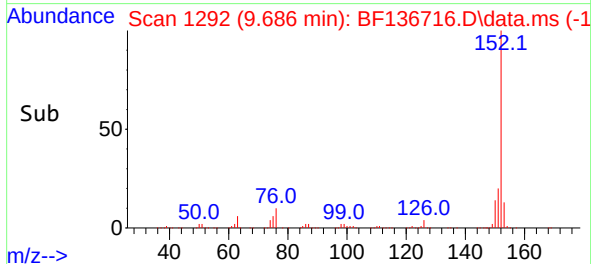
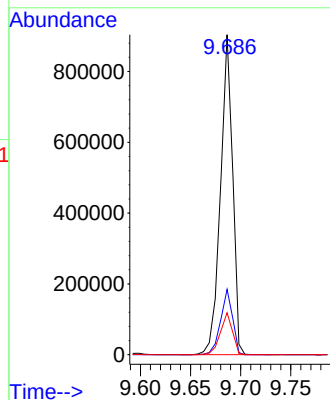
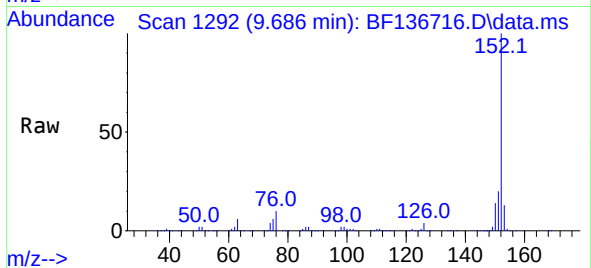
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.1	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#50

Dimethylphthalate

Concen: 39.919 ng

RT: 9.551 min Scan# 1269

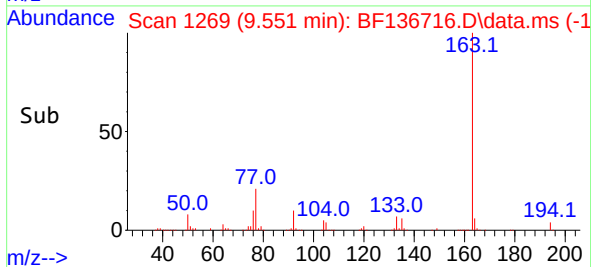
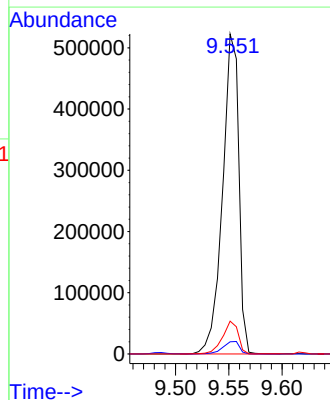
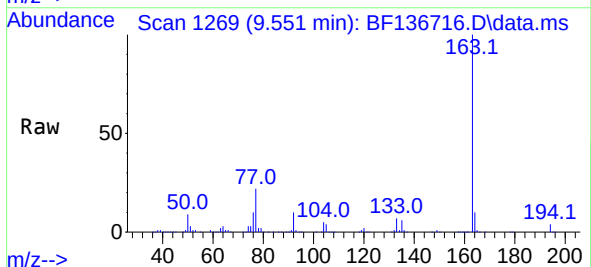
Delta R.T. -0.006 min

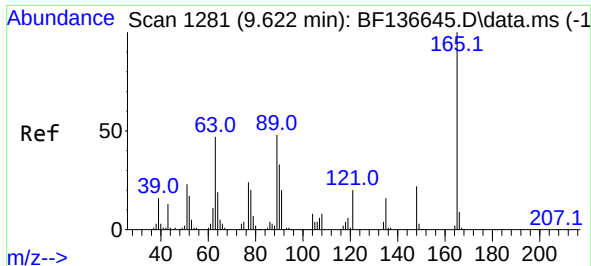
Lab File: BF136716.D

Acq: 26 Dec 2023 13:22

Tgt Ion:163 Resp: 552133

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.3	7.8	11.6





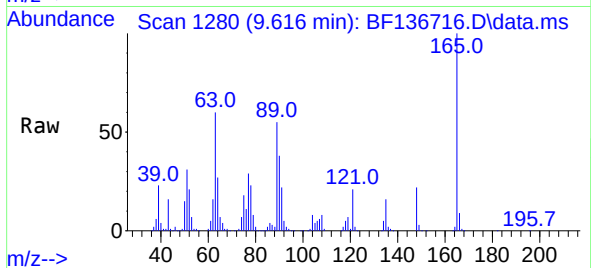
#51
2,6-Dinitrotoluene
Concen: 39.143 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

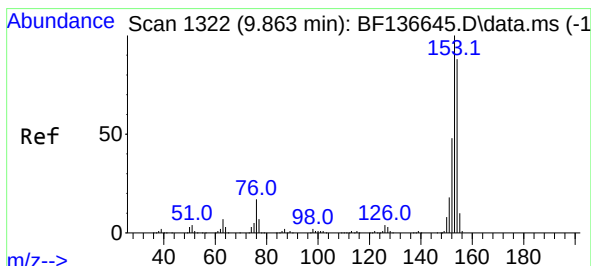
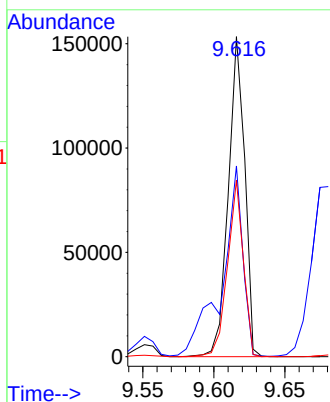
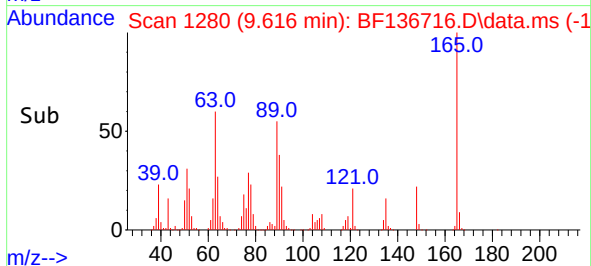


Tgt Ion:165 Resp: 12287
Ion Ratio Lower Upper
165 100
63 59.6 39.8 59.6
89 55.2 38.8 58.2

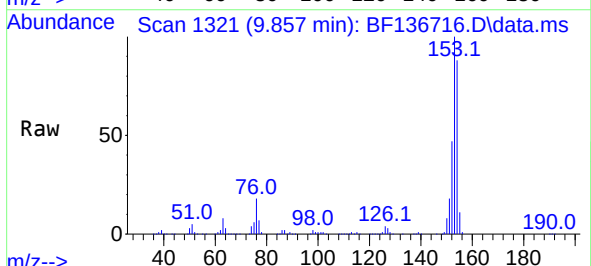
Manual Integrations

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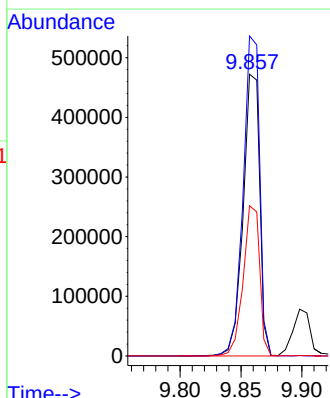
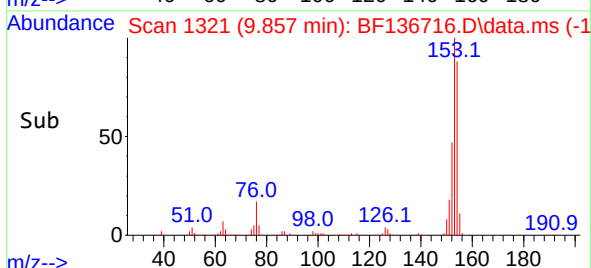
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

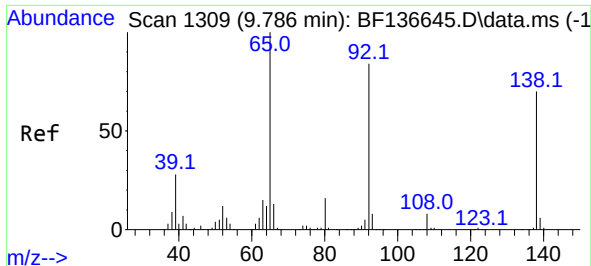


#52
Acenaphthene
Concen: 39.252 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion:154 Resp: 449259
Ion Ratio Lower Upper
154 100
153 113.5 90.7 136.1
152 53.3 43.7 65.5





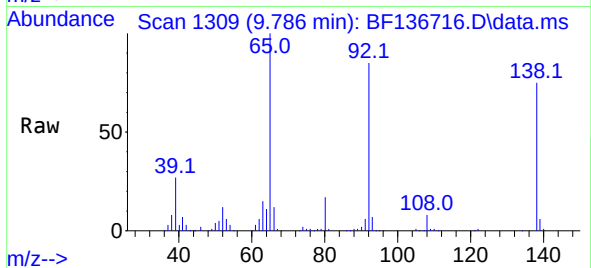
#53
3-Nitroaniline
Concen: 31.977 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

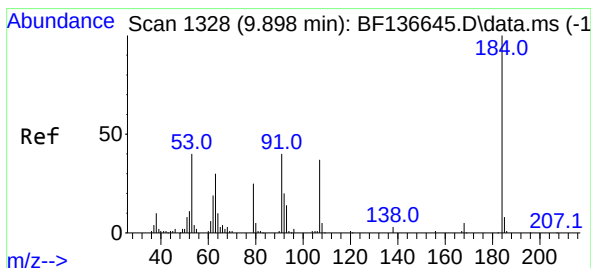
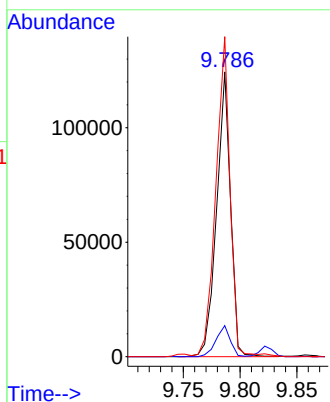
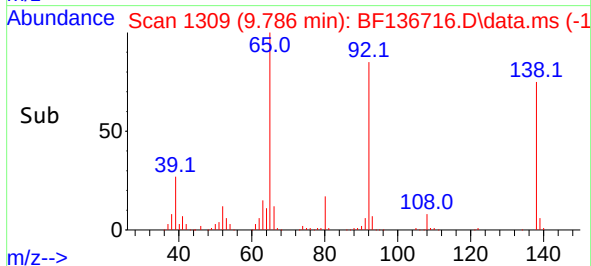


Tgt Ion:138 Resp: 106332
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 112.3 95.2 142.8

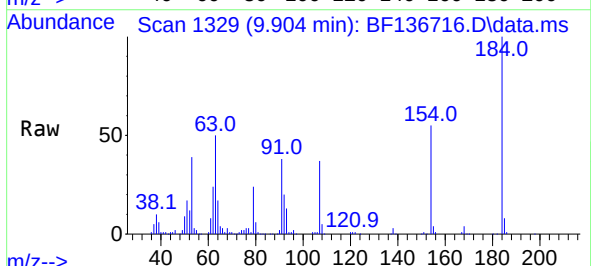
Manual Integrations

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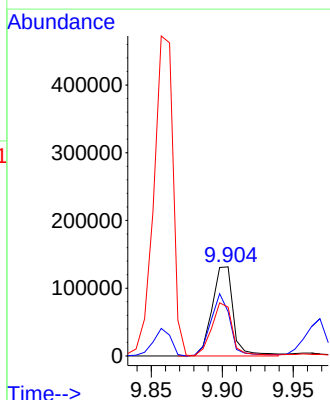
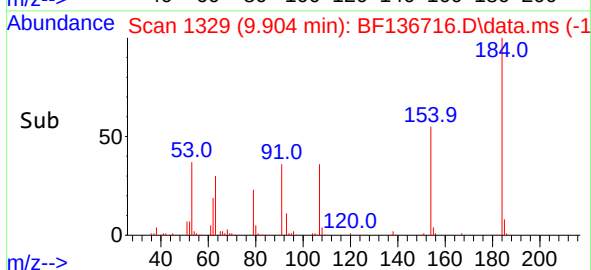
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

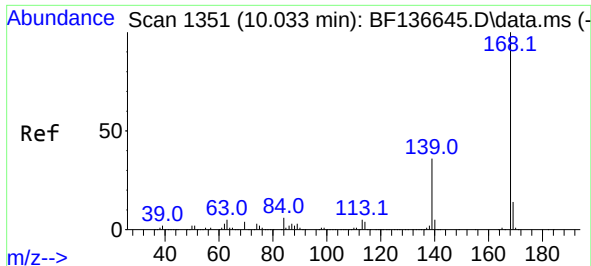


#54
2,4-Dinitrophenol
Concen: 78.556 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion:184 Resp: 136542
Ion Ratio Lower Upper
184 100
63 49.8 40.9 61.3
154 54.7 42.7 64.1





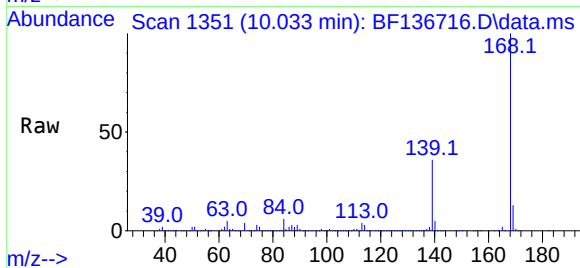
#55
Dibenzenofuran
Concen: 38.873 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

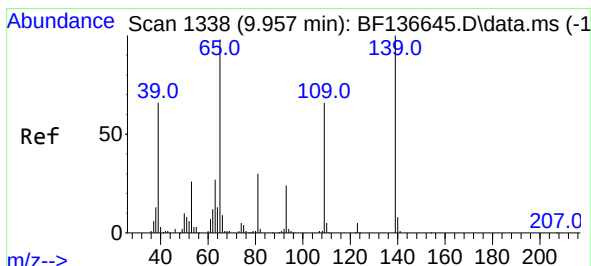
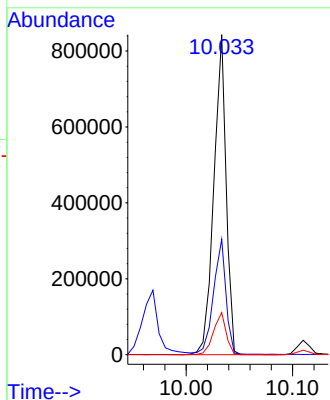
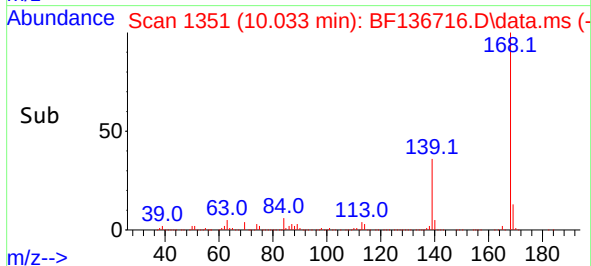


Tgt Ion:168 Resp: 674439
Ion Ratio Lower Upper
168 100
139 36.1 29.3 43.9
169 13.1 11.0 16.4

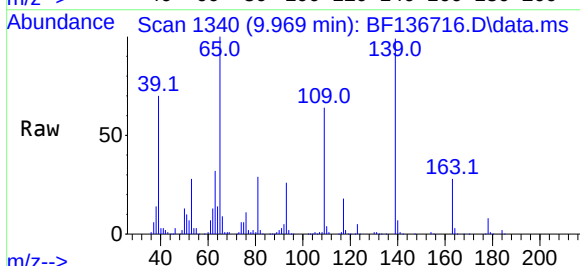
Manual Integrations

APPROVED

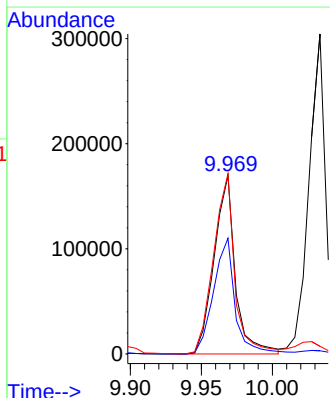
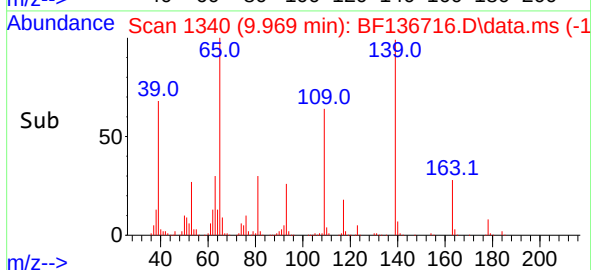
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

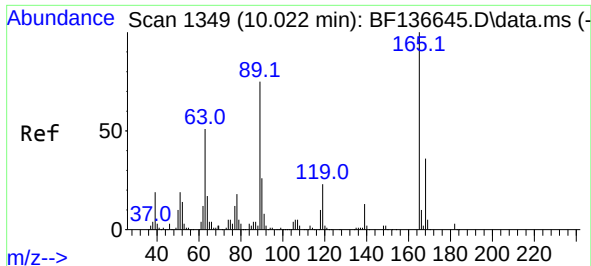


#56
4-Nitrophenol
Concen: 78.644 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



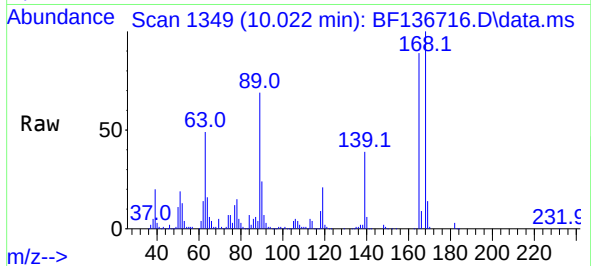
Tgt Ion:139 Resp: 176533
Ion Ratio Lower Upper
139 100
109 64.8 45.8 85.8
65 101.1 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 38.145 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

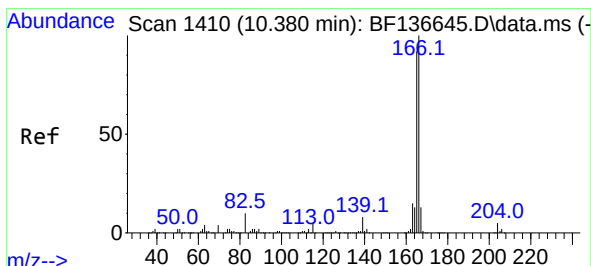
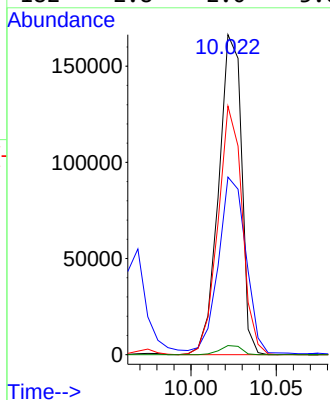
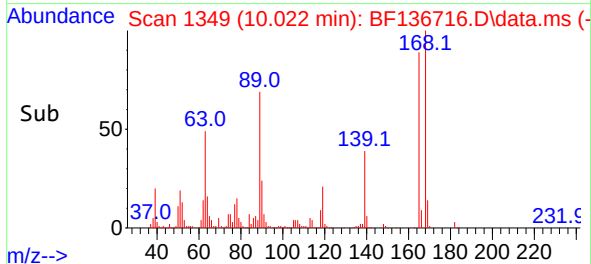
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



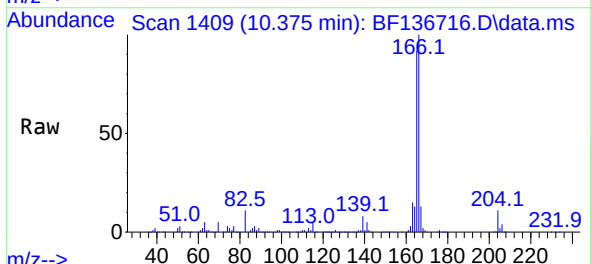
Tgt Ion:165 Resp: 15544
Ion Ratio Lower Upper
165 100
63 55.5 41.0 61.6
89 77.6 59.9 89.9
182 2.8 2.0 3.0

Manual Integrations
APPROVED

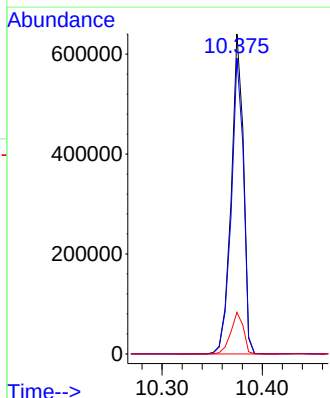
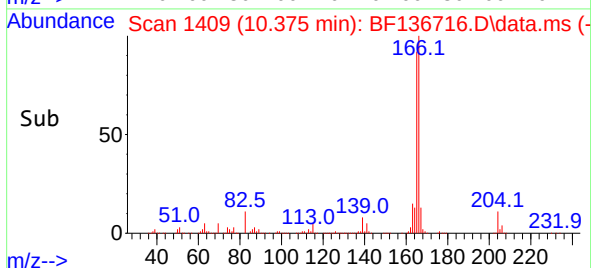
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

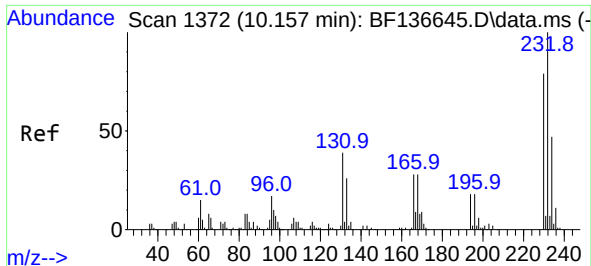


#58
Fluorene
Concen: 39.499 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



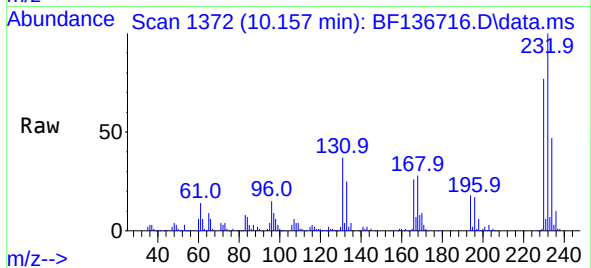
Tgt Ion:166 Resp: 543764
Ion Ratio Lower Upper
166 100
165 92.5 73.7 110.5
167 13.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.236 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

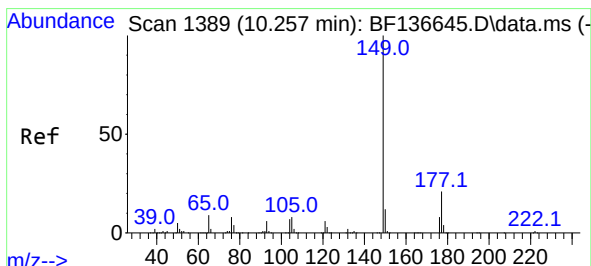
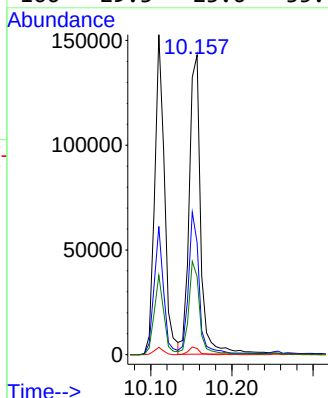
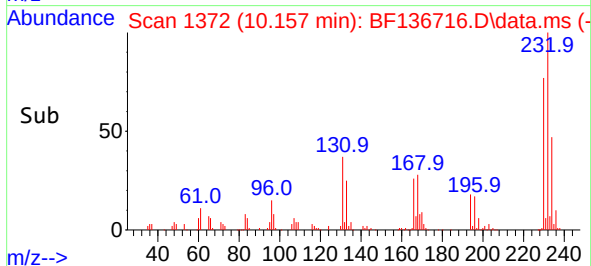
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



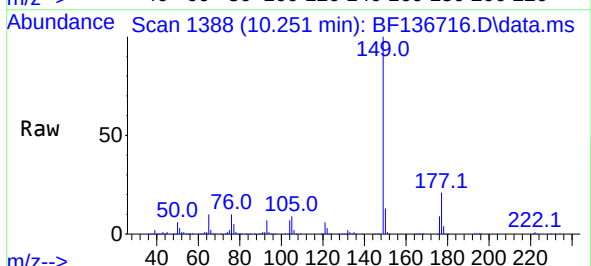
Tgt Ion:232 Resp: 13948
Ion Ratio Lower Upper
232 100
131 44.3 35.1 52.7
130 2.3 1.6 2.4
166 29.3 23.6 35.4

Manual Integrations
APPROVED

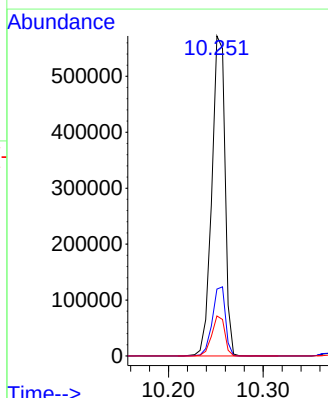
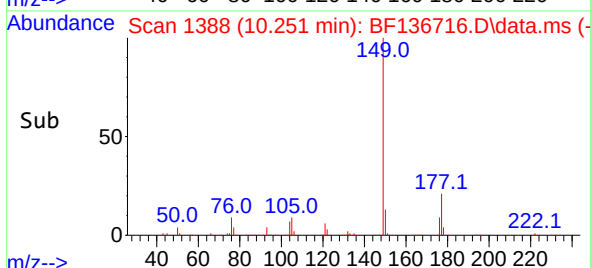
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

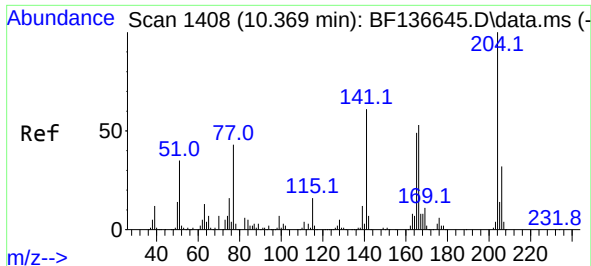


#60
Diethylphthalate
Concen: 38.494 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



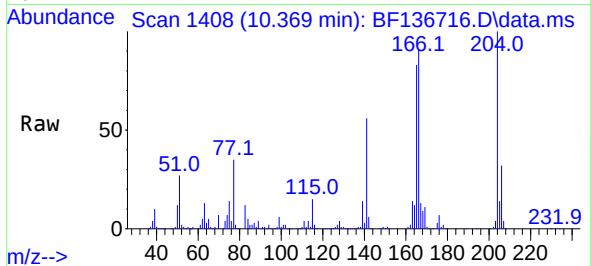
Tgt Ion:149 Resp: 552419
Ion Ratio Lower Upper
149 100
177 20.9 16.9 25.3
150 12.5 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 37.446 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

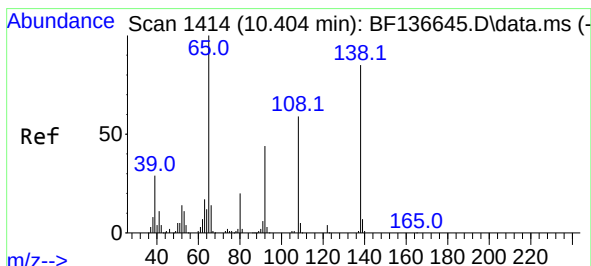
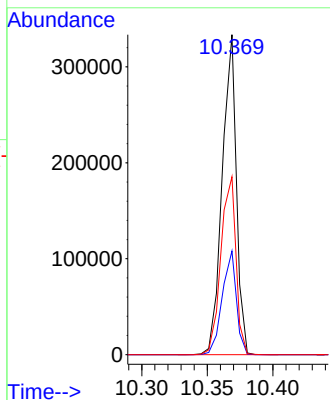
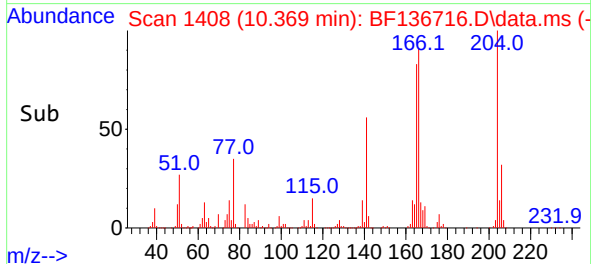
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



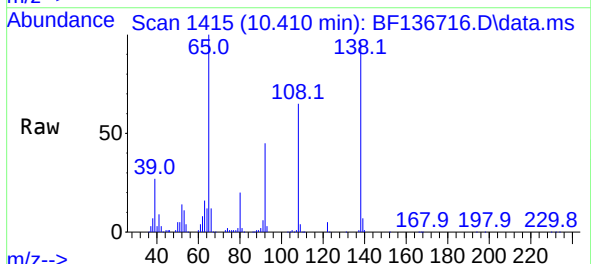
Tgt Ion:204 Resp: 25056
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 55.6 48.4 72.6

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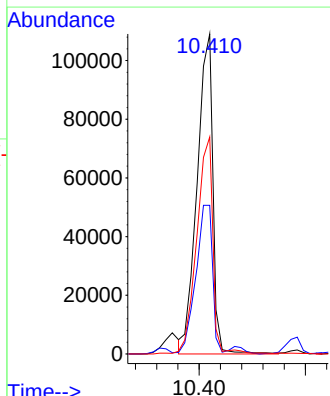
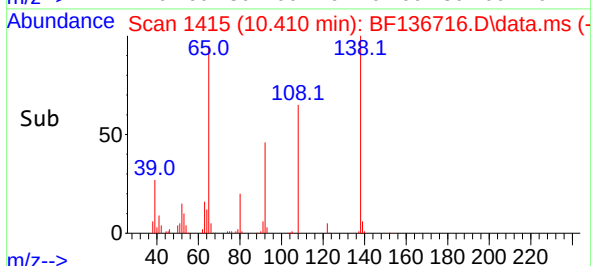
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

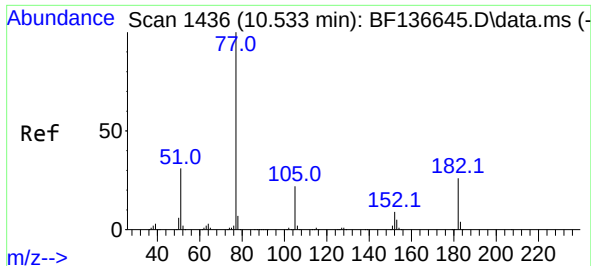


#62
4-Nitroaniline
Concen: 35.271 ng m
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion:138 Resp: 113063
Ion Ratio Lower Upper
138 100
92 46.4 32.1 72.1
108 67.8 50.1 90.1





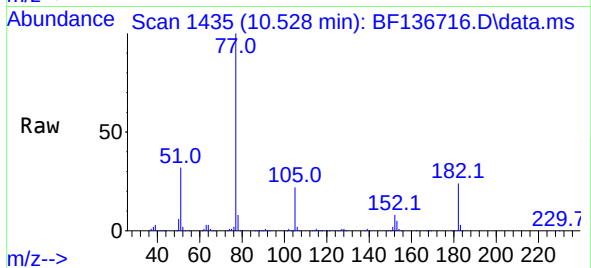
#63
Azobenzene
Concen: 38.778 ng
RT: 10.528 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

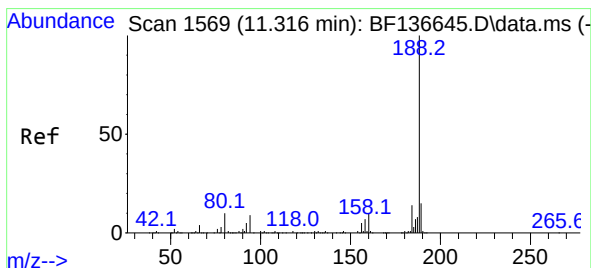
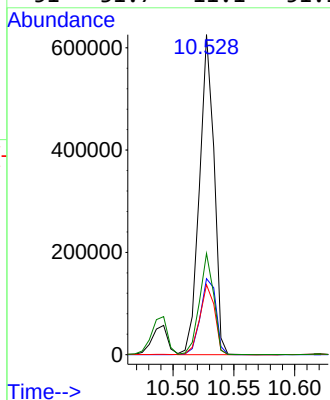
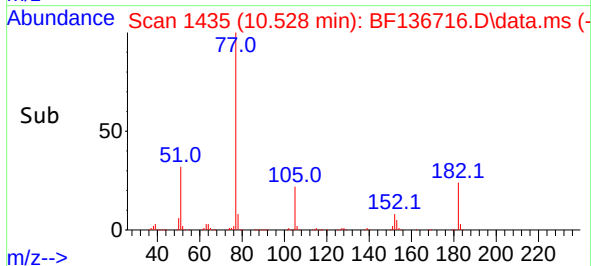


Tgt Ion: 77 Resp: 51977
Ion Ratio Lower Upper
77 100
182 23.8 6.0 46.0
105 21.9 2.3 42.3
51 31.7 11.1 51.1

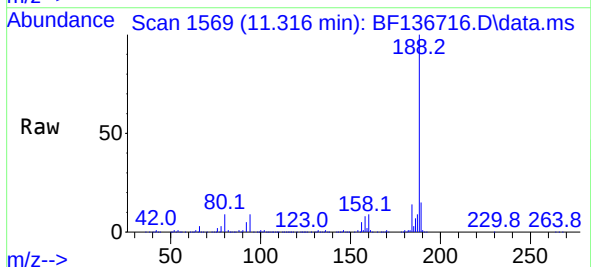
Manual Integrations

APPROVED

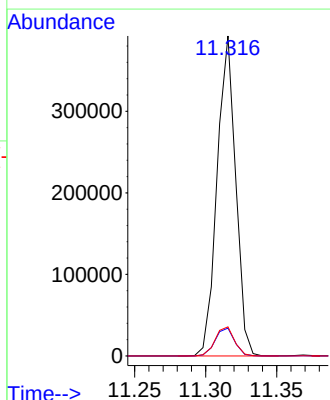
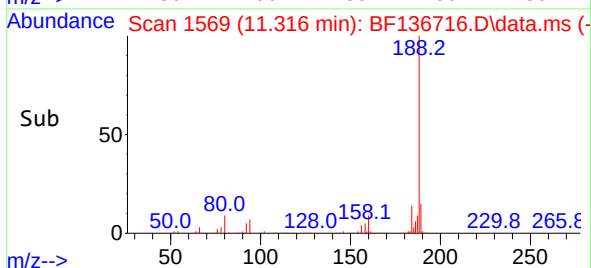
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

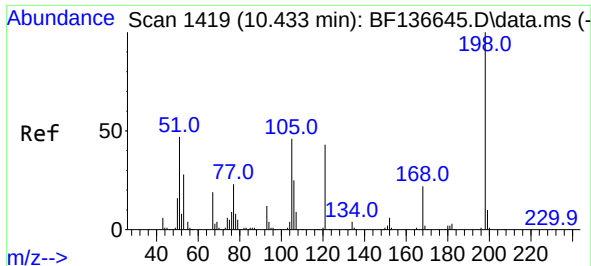


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion:188 Resp: 356932
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.1 8.1 12.1





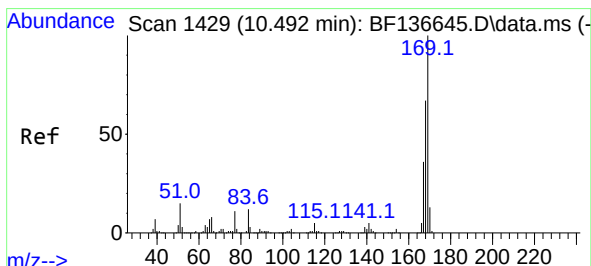
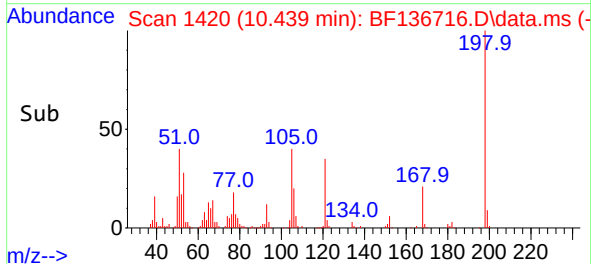
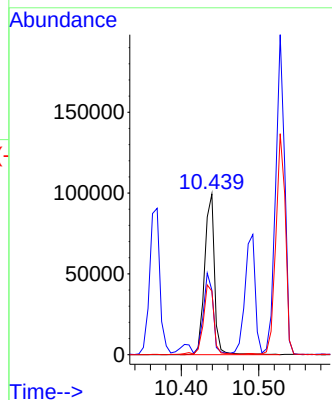
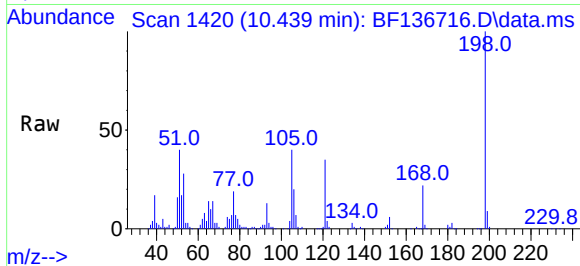
#65
4,6-Dinitro-2-methylphenol
Concen: 43.112 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :
BNA_F
ClientSampleId :
PB157895BSD

Tgt Ion:198 Resp: 88189
Ion Ratio Lower Upper
198 100
51 40.2 34.1 74.1
105 39.5 27.3 67.3

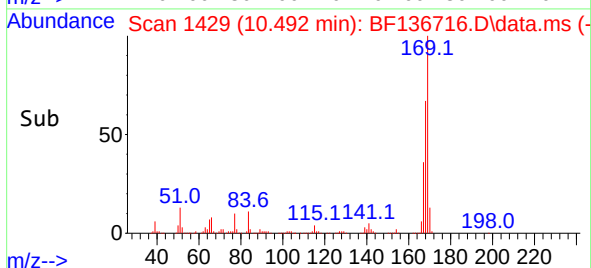
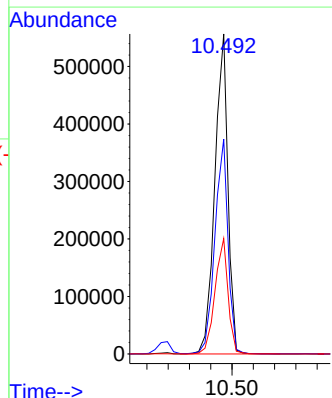
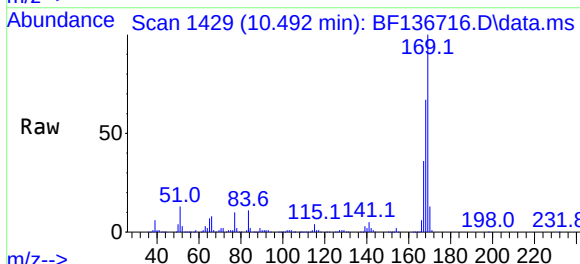
Manual Integrations
APPROVED

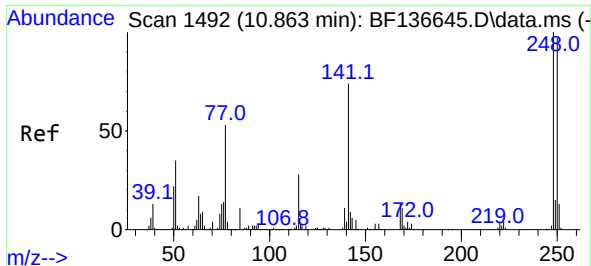
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#66
n-Nitrosodiphenylamine
Concen: 40.768 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Tgt Ion:169 Resp: 472696
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.6
167 36.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 39.319 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

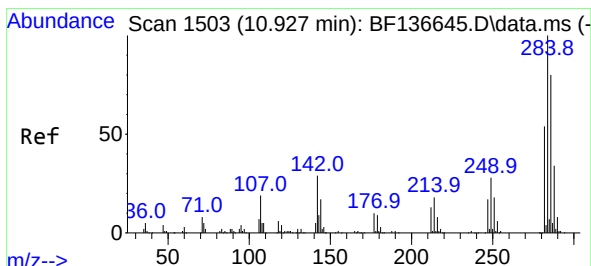
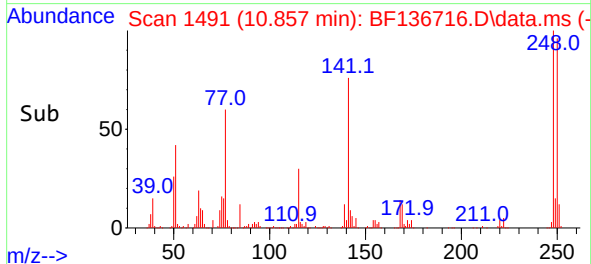
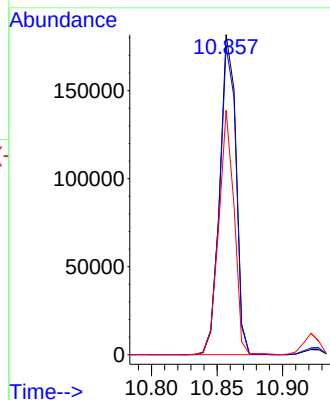
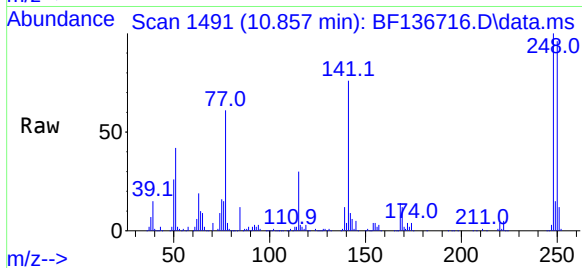
PB157895BSD

Tgt Ion:248 Resp: 15586
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.6
141 76.4 59.2 88.8

Manual Integrations

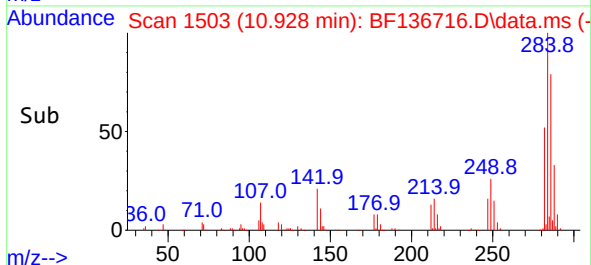
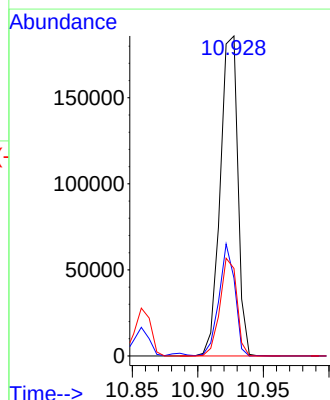
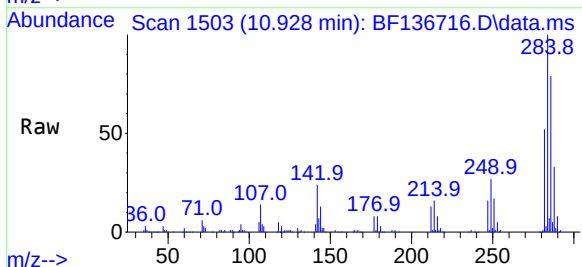
APPROVED

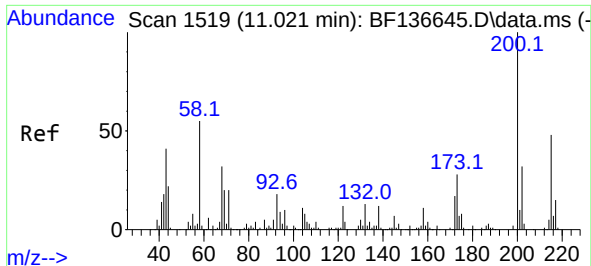
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#68
Hexachlorobenzene
Concen: 39.269 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

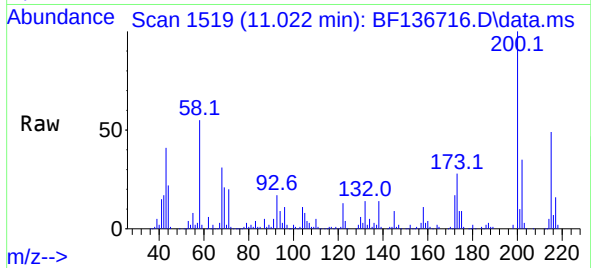
Tgt Ion:284 Resp: 173470
Ion Ratio Lower Upper
284 100
142 24.3 23.4 35.0
249 27.3 22.3 33.5





#69
Atrazine
Concen: 38.841 ng
RT: 11.022 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

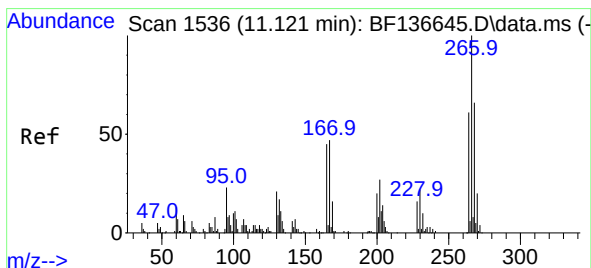
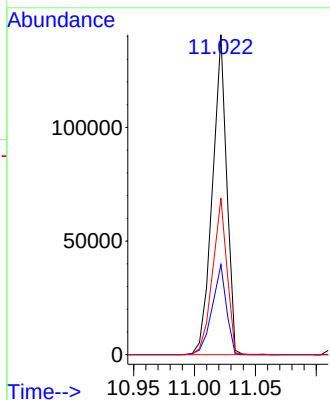
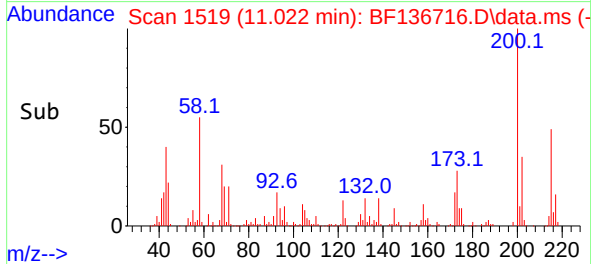
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



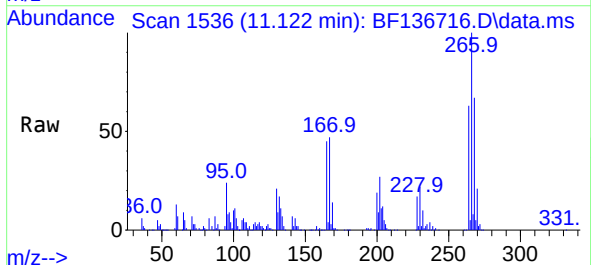
Tgt Ion:200 Resp: 115180
Ion Ratio Lower Upper
200 100
173 28.1 7.6 47.6
215 48.9 28.3 68.3

Manual Integrations
APPROVED

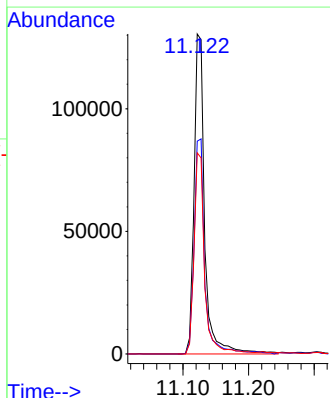
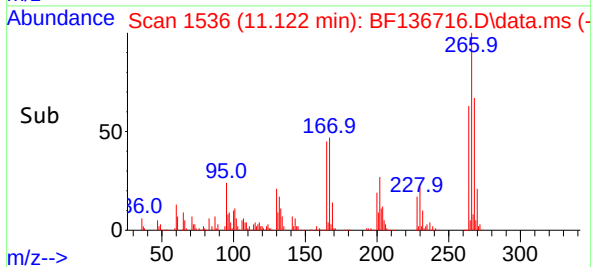
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

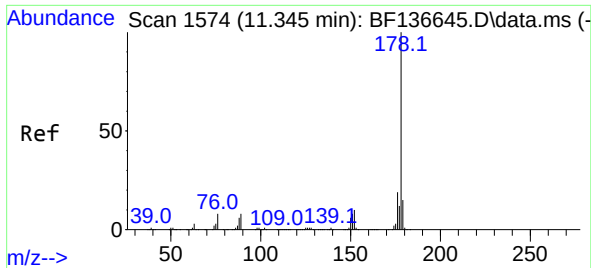


#70
Pentachlorophenol
Concen: 71.551 ng
RT: 11.122 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion:266 Resp: 147328
Ion Ratio Lower Upper
266 100
268 66.5 52.6 78.8
264 62.9 49.0 73.4





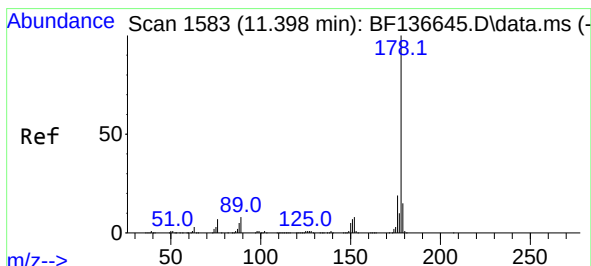
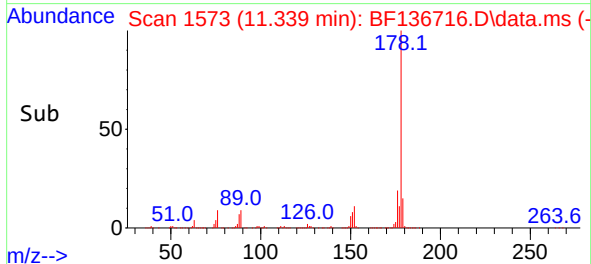
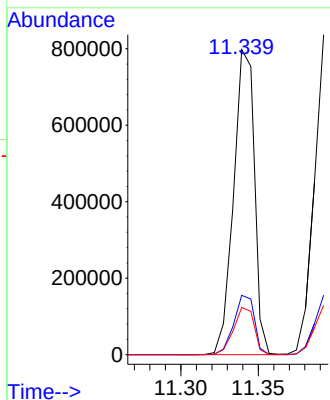
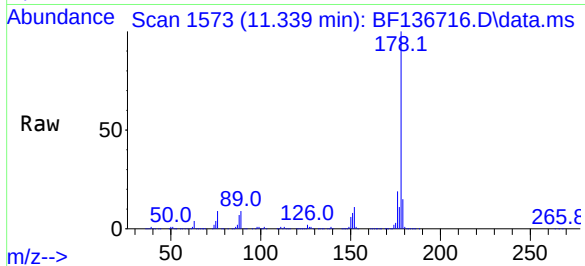
#71
Phenanthrene
Concen: 40.729 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :
BNA_F
ClientSampleId :
PB157895BSD

Tgt Ion:178 Resp: 745930
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.5 11.9 17.9

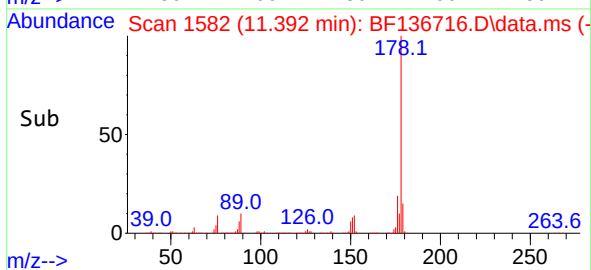
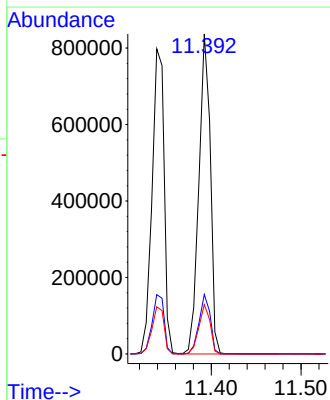
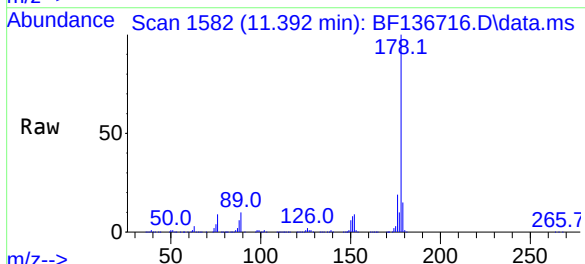
Manual Integrations
APPROVED

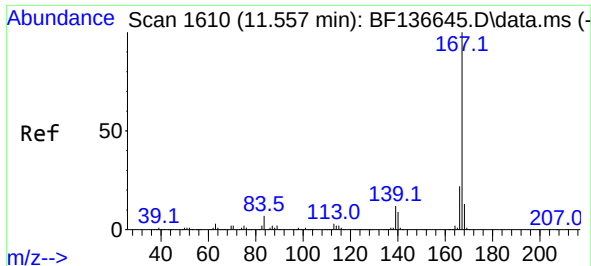
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#72
Anthracene
Concen: 39.987 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

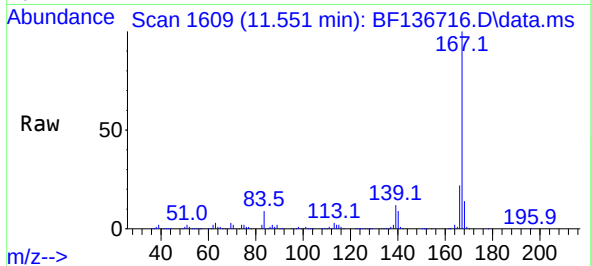
Tgt Ion:178 Resp: 741671
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.5 11.8 17.6





#73
 Carbazole
 Concen: 39.308 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136716.D
 Acq: 26 Dec 2023 13:22

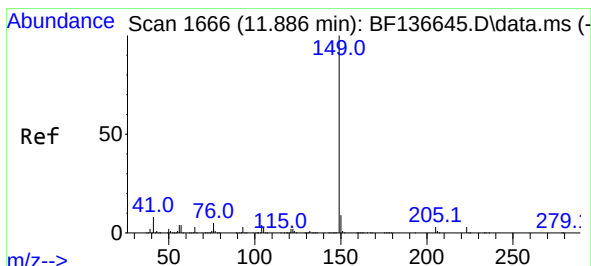
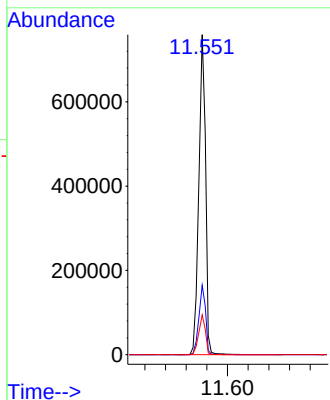
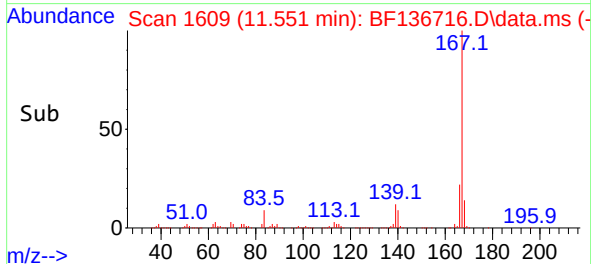
Instrument :
 BNA_F
 ClientSampleId :
 PB157895BSD



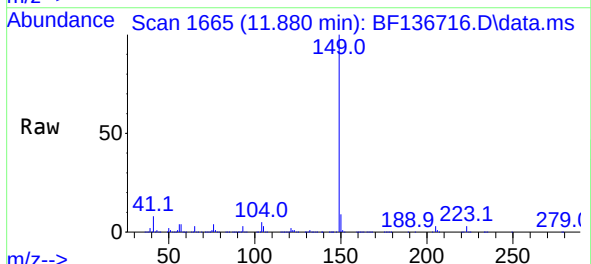
Tgt Ion:167 Resp: 687382
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 12.4 9.8 14.6

Manual Integrations
 APPROVED

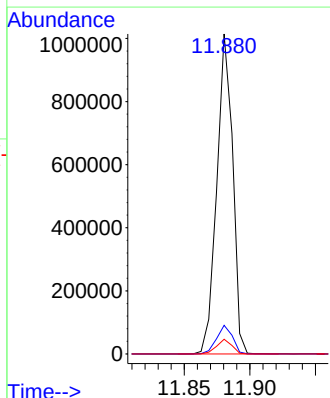
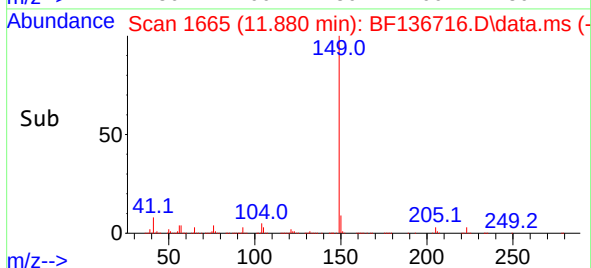
Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

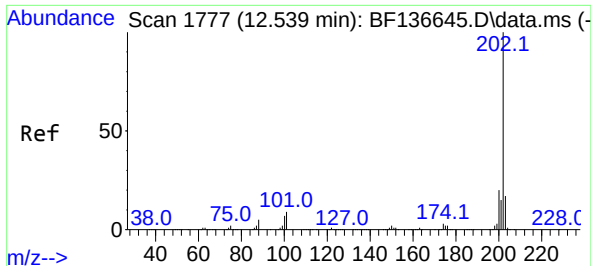


#74
 Di-n-butylphthalate
 Concen: 39.881 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136716.D
 Acq: 26 Dec 2023 13:22



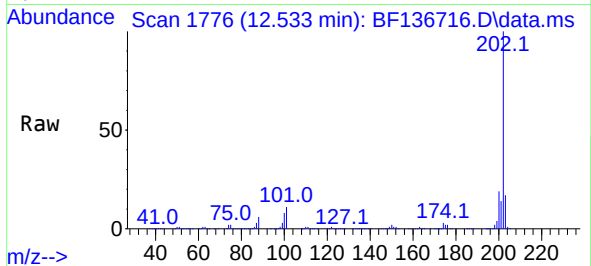
Tgt Ion:149 Resp: 850998
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 38.387 ng
RT: 12.533 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

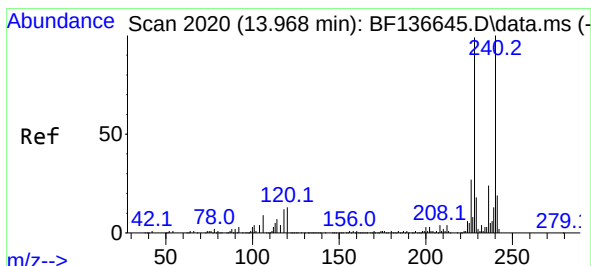
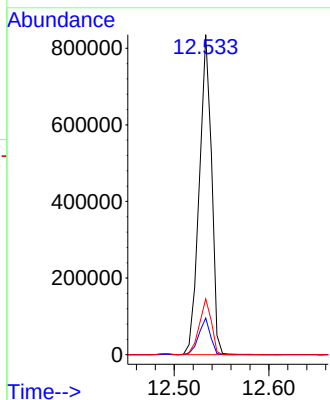
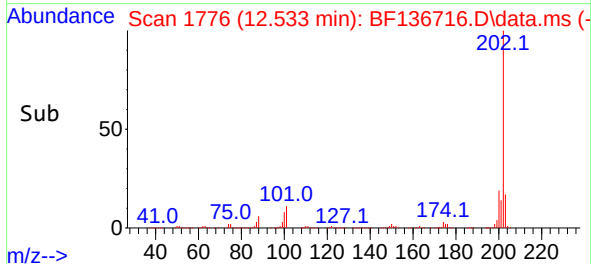
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



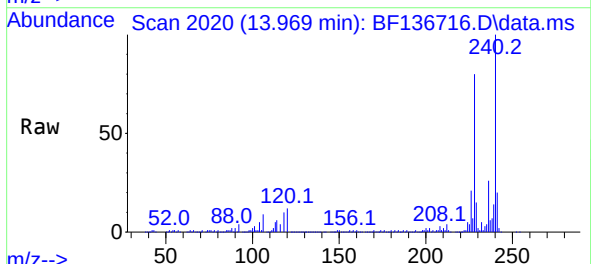
Tgt Ion:202 Resp: 752014
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.3
203 17.5 0.0 37.1

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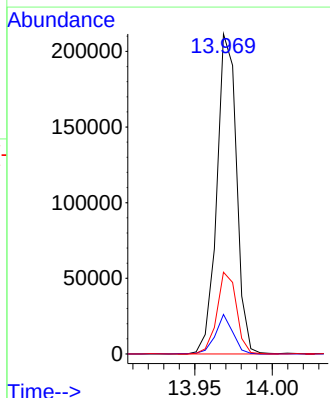
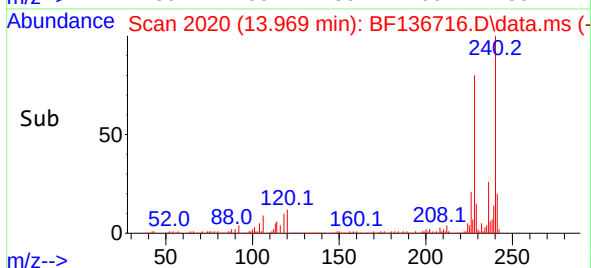
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

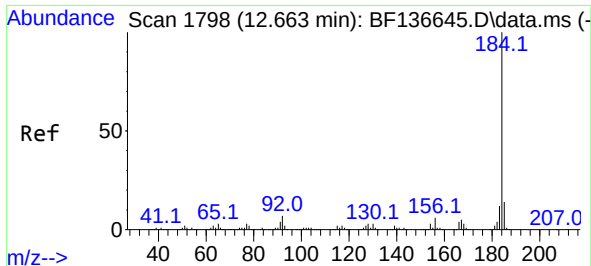


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



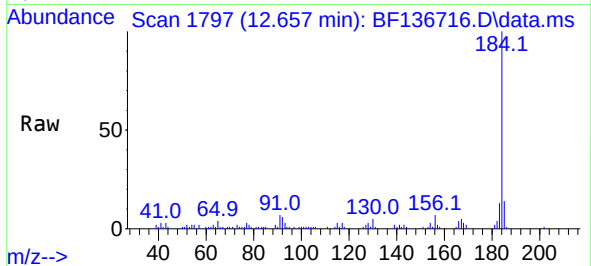
Tgt Ion:240 Resp: 186752
Ion Ratio Lower Upper
240 100
120 12.4 10.3 15.5
236 25.6 19.4 29.2





#77
Benzidine
Concen: 6.102 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

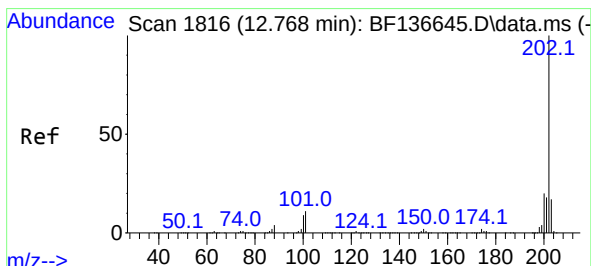
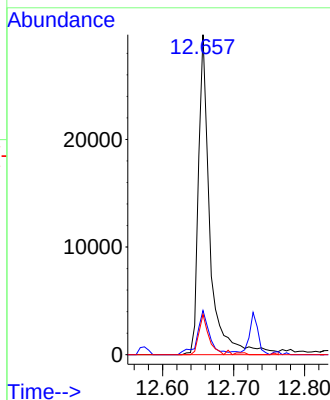
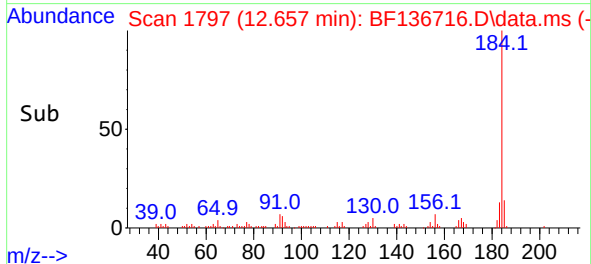
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



Tgt Ion:184 Resp: 3360
Ion Ratio Lower Upper
184 100
185 13.8 11.2 16.8
183 12.6 9.3 13.9

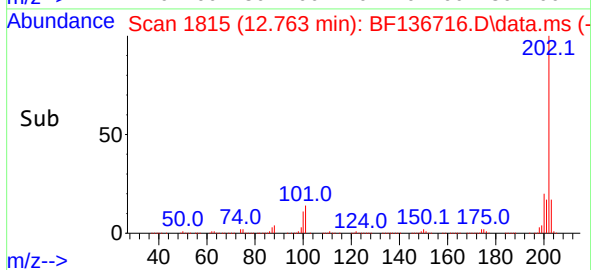
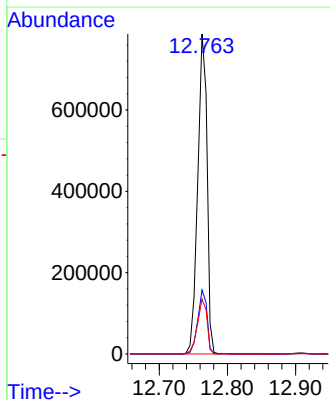
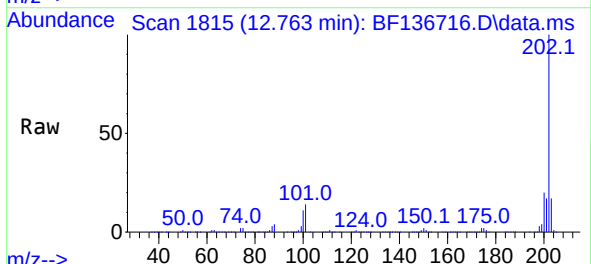
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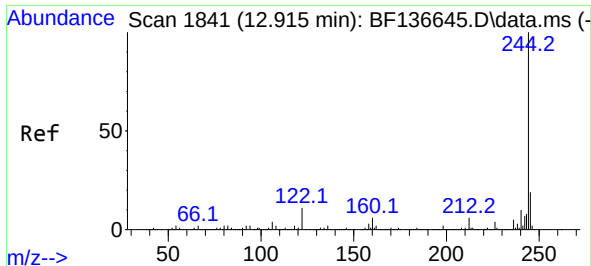
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#78
Pyrene
Concen: 40.974 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Tgt Ion:202 Resp: 751168
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 17.1 13.8 20.6





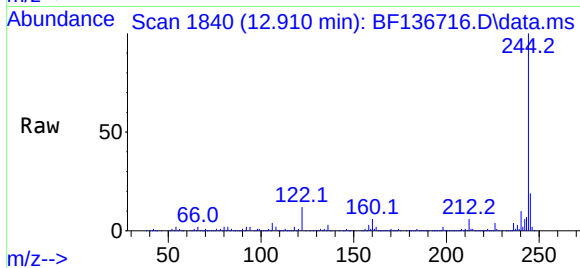
#79
Terphenyl-d14
Concen: 77.054 ng
RT: 12.910 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

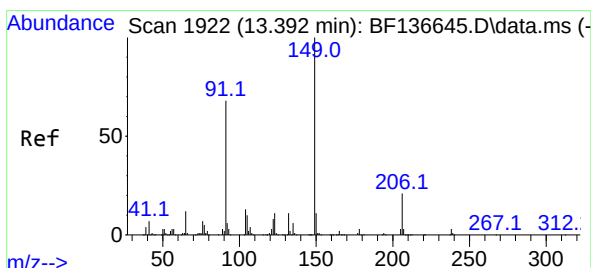
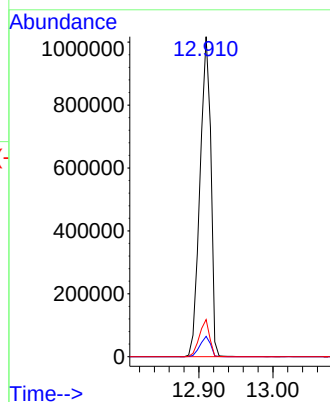
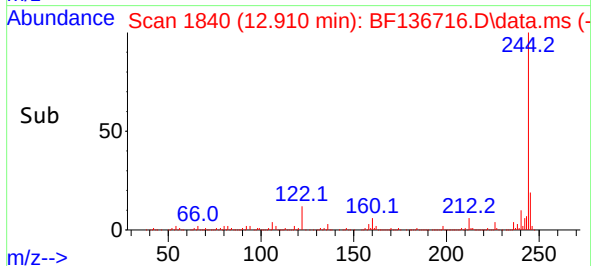


Tgt Ion:244 Resp: 102971
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 11.6 9.0 13.4

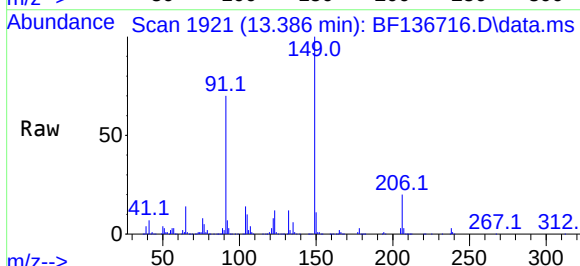
Manual Integrations

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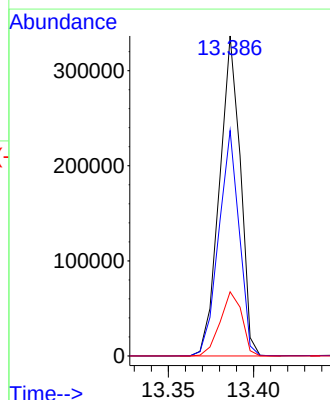
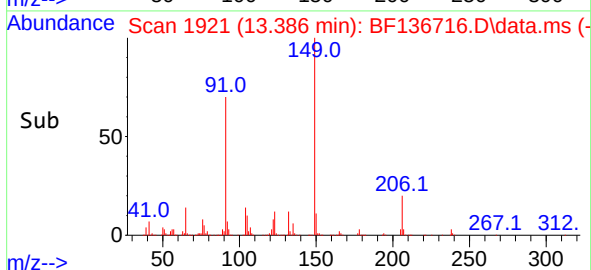
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

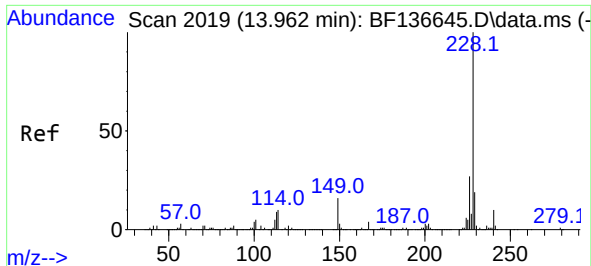


#80
Butylbenzylphthalate
Concen: 42.890 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



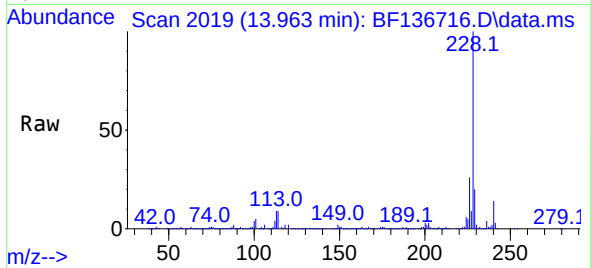
Tgt Ion:149 Resp: 286110
Ion Ratio Lower Upper
149 100
91 70.5 54.1 81.1
206 20.1 17.1 25.7





#81
Benzo(a)anthracene
Concen: 41.045 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

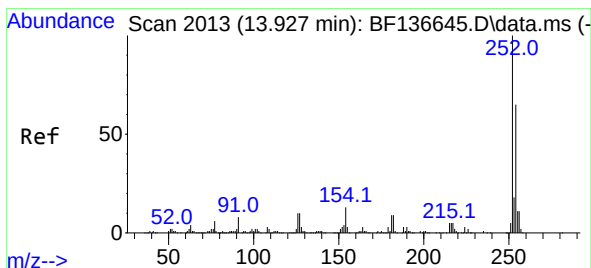
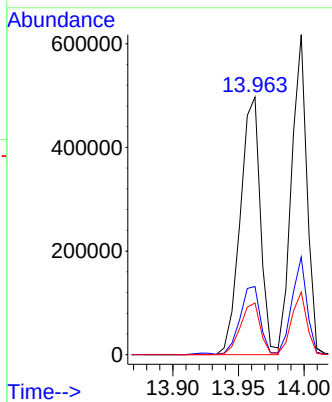
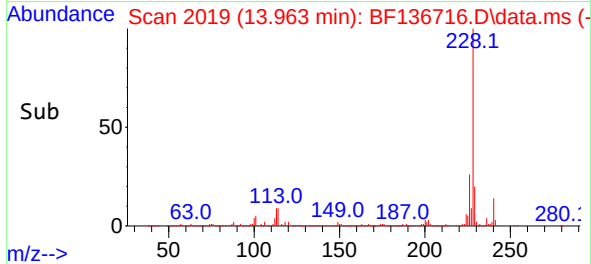
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



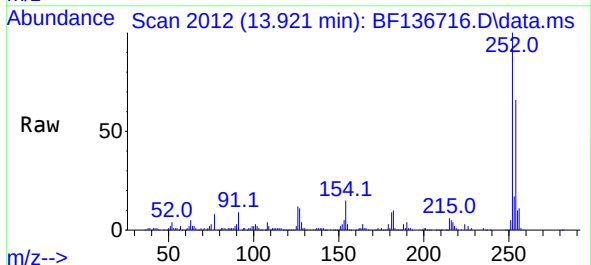
Tgt Ion:228 Resp: 532260
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.0
229 20.0 14.9 22.3

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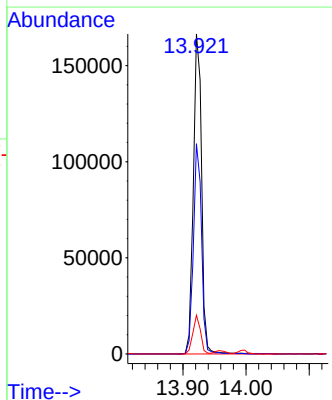
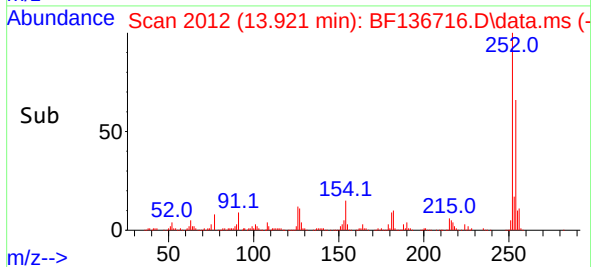
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

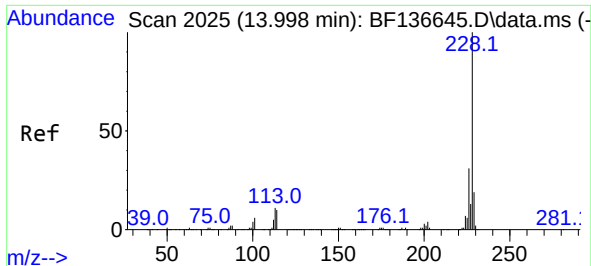


#82
3,3'-Dichlorobenzidine
Concen: 41.062 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



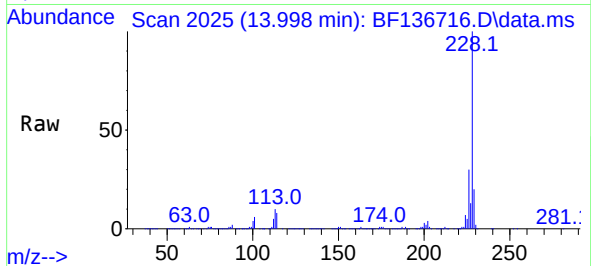
Tgt Ion:252 Resp: 151220
Ion Ratio Lower Upper
252 100
254 65.7 52.2 78.4
126 12.1 8.0 12.0#





#83
Chrysene
Concen: 39.532 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

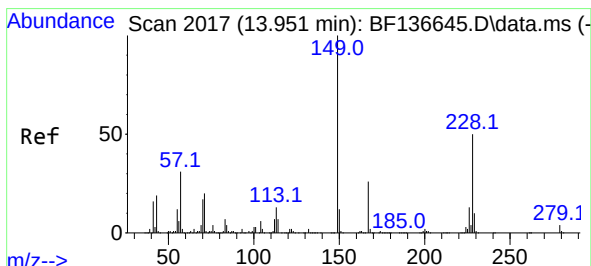
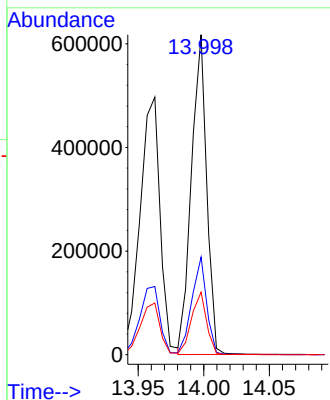
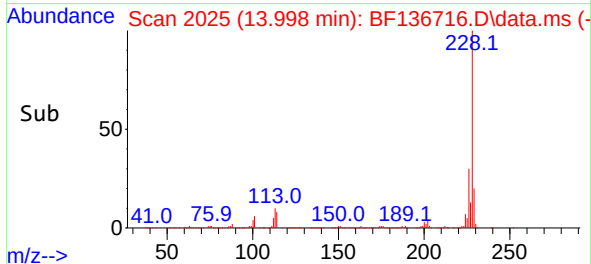
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



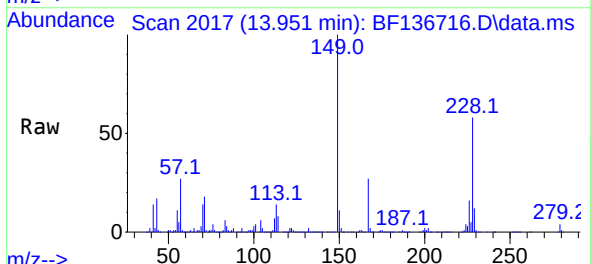
Tgt Ion:228 Resp: 50131
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 19.6 15.4 23.0

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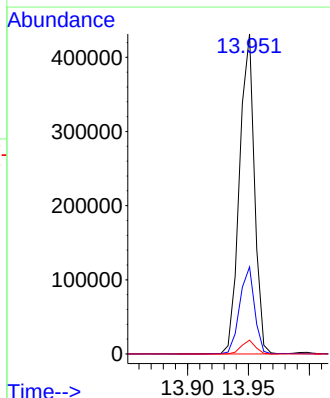
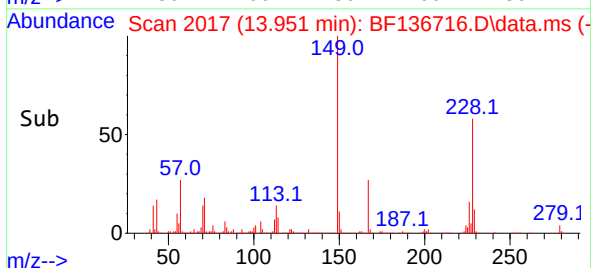
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

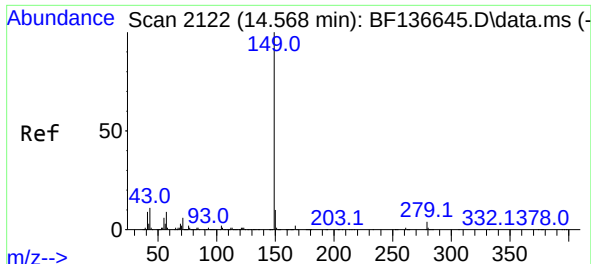


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.854 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion:149 Resp: 368072
Ion Ratio Lower Upper
149 100
167 27.2 20.9 31.3
279 4.3 2.9 4.3





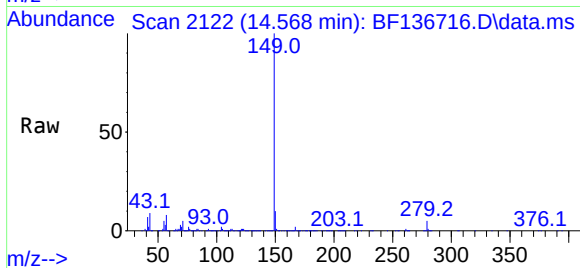
#85
Di-n-octyl phthalate
Concen: 43.885 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157895BSD

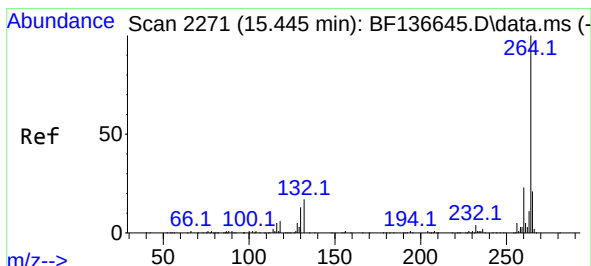
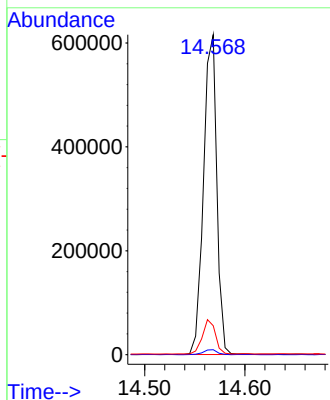
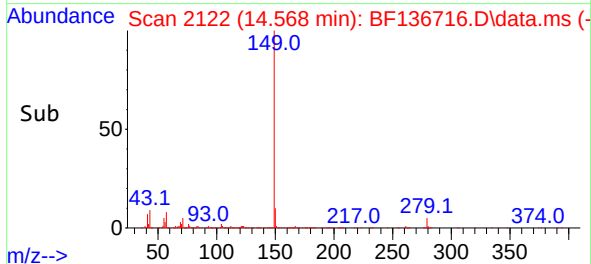


Tgt Ion:149 Resp: 569759
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 8.9 13.3

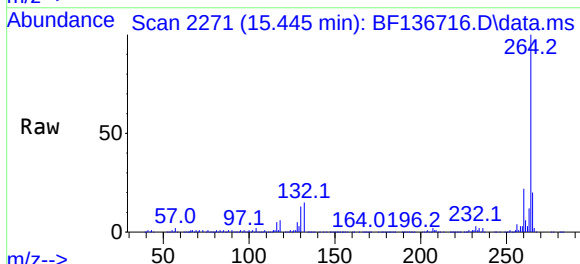
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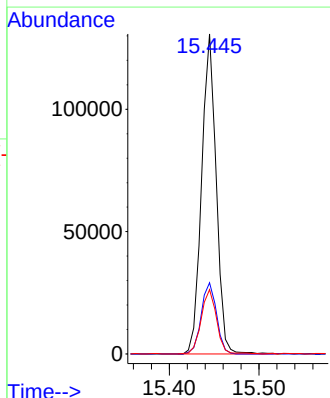
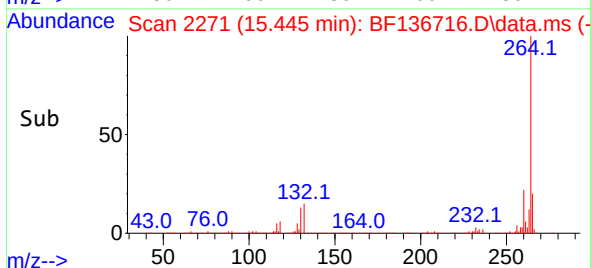
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

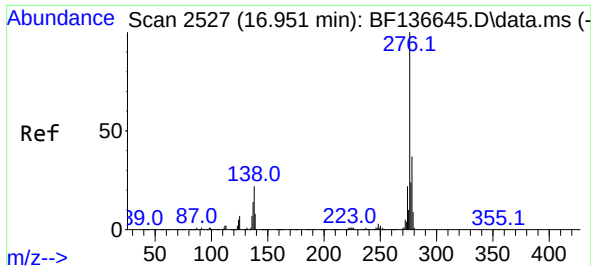


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion:264 Resp: 147504
Ion Ratio Lower Upper
264 100
260 22.3 18.3 27.5
265 20.1 17.0 25.6





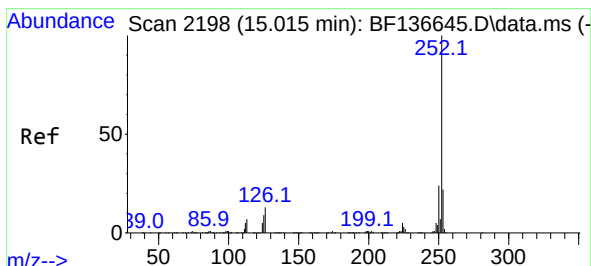
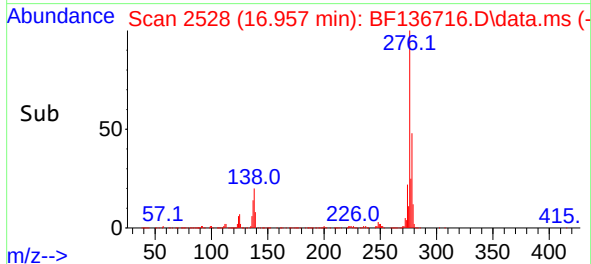
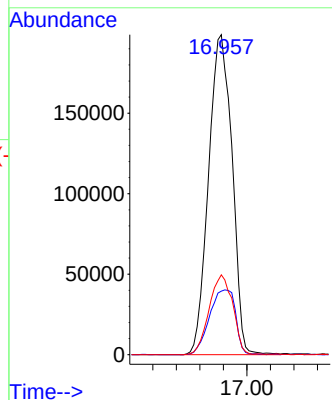
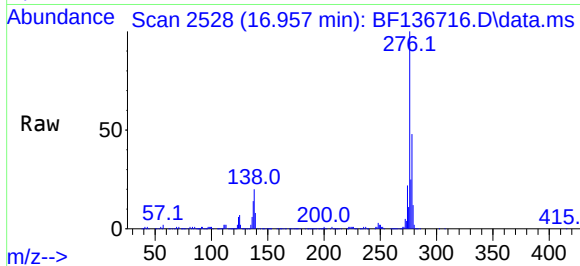
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.915 ng
RT: 16.957 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :
BNA_F
ClientSampleId :
PB157895BSD

Tgt Ion:276 Resp: 552890
Ion Ratio Lower Upper
276 100
138 22.4 18.7 28.1
277 25.1 20.2 30.2

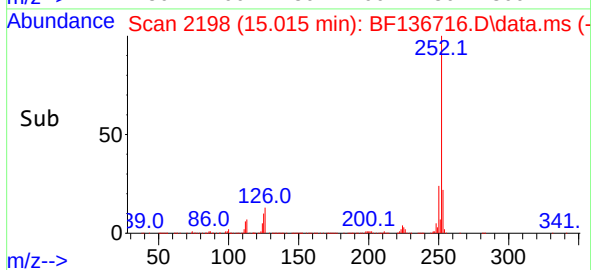
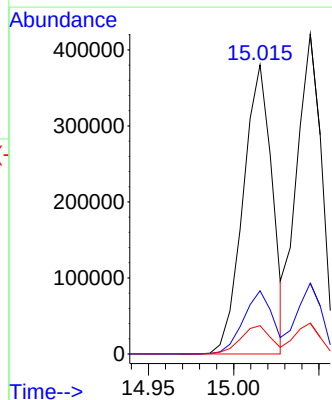
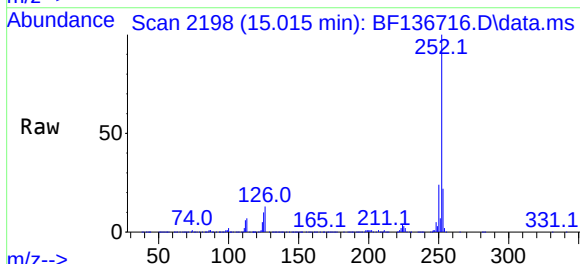
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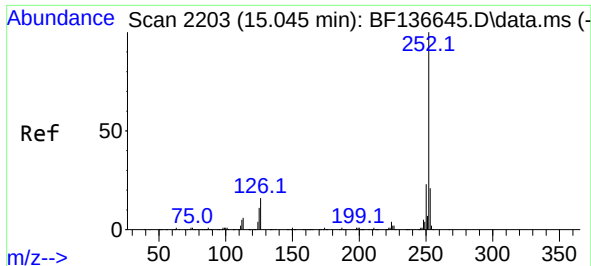
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#88
Benzo(b)fluoranthene
Concen: 45.948 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

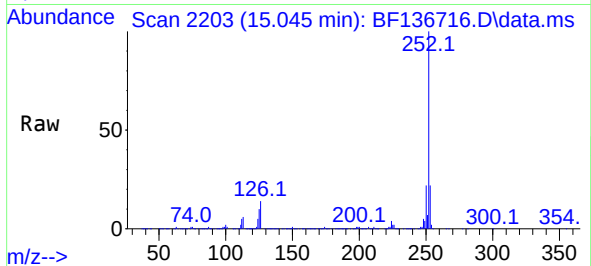
Tgt Ion:252 Resp: 452672
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.8 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 46.479 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

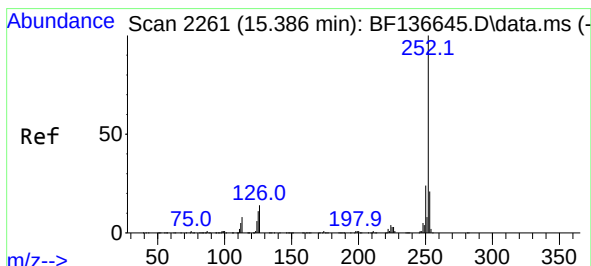
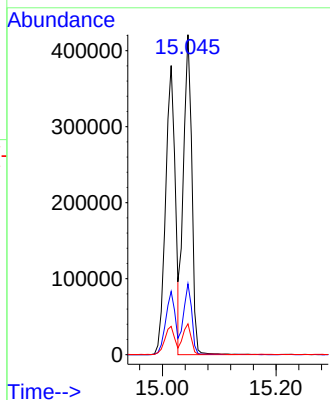
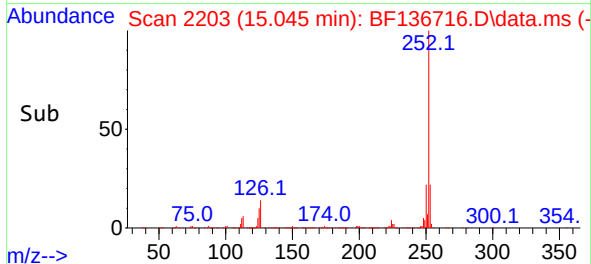
Instrument :
BNA_F
ClientSampleId :
PB157895BSD



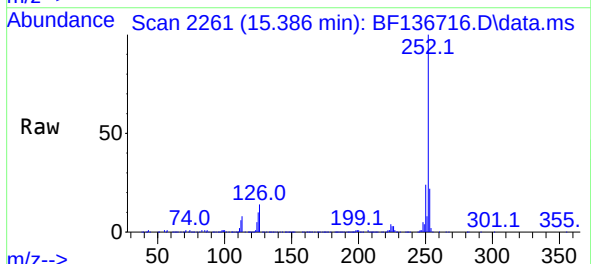
Tgt Ion:252 Resp: 43268
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 9.7 8.2 12.4

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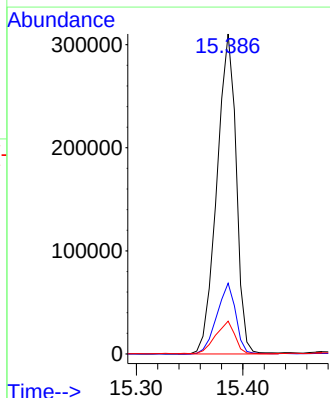
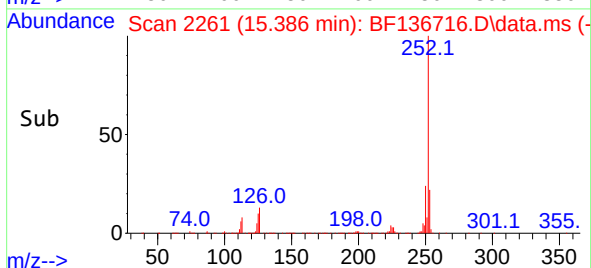
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

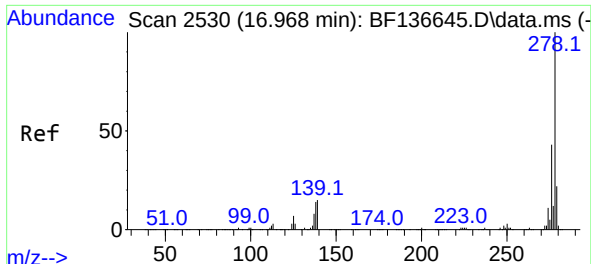


#90
Benzo(a)pyrene
Concen: 47.052 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22



Tgt Ion:252 Resp: 391290
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 53.372 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

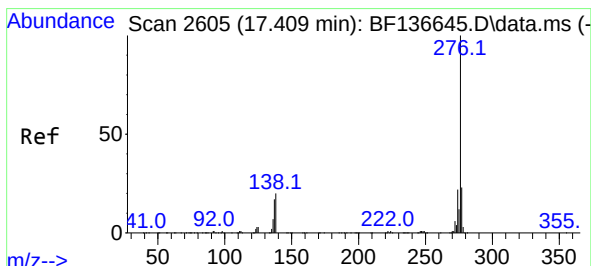
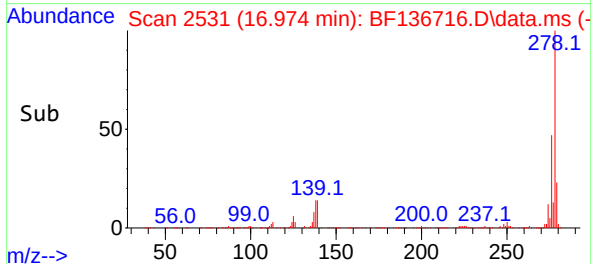
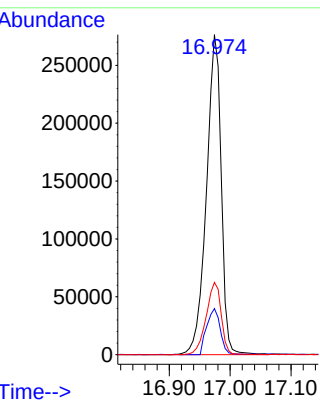
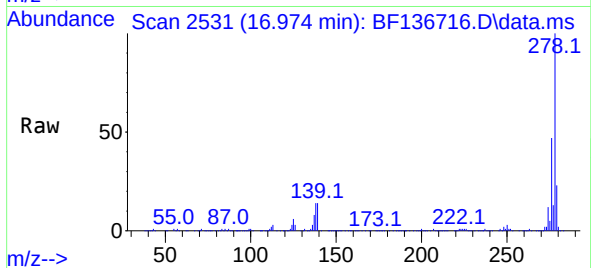
PB157895BSD

Tgt Ion:278 Resp: 46632
Ion Ratio Lower Upper
278 100
139 14.4 12.2 18.4
279 22.6 17.8 26.6

Manual Integrations

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



#92
Benzo(g,h,i)perylene
Concen: 52.450 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF136716.D
Acq: 26 Dec 2023 13:22

Tgt Ion:276 Resp: 469366
Ion Ratio Lower Upper
276 100
277 23.4 18.3 27.5
138 20.2 15.6 23.4

