

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136810.D
 Acq On : 28 Dec 2023 23:55
 Operator : CG\JU
 Sample : 05671-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-35MSD

Quant Time: Dec 29 00:16:05 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	76334	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	273362	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	111053	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	172458	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	153041	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	130923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	412555	84.327	ng	0.00
7) Phenol-d6	6.434	99	507792	80.103	ng	0.00
23) Nitrobenzene-d5	7.345	82	313803	58.741	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	95443	72.974	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	524287	63.497	ng	-0.01
79) Terphenyl-d14	12.904	244	423404	38.662	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	61549	30.194	ng	100
3) Pyridine	3.328	79	155314	31.228	ng	98
4) n-Nitrosodimethylamine	3.293	42	93540	35.219	ng	98
6) Aniline	6.451	93	144085	22.734	ng	# 31
8) 2-Chlorophenol	6.575	128	204572	38.210	ng	93
9) Benzaldehyde	6.339	77	67224	18.643	ng	97
10) Phenol	6.445	94	242991	35.907	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	192629	37.430	ng	98
12) 1,3-Dichlorobenzene	6.722	146	207124	35.464	ng	99
13) 1,4-Dichlorobenzene	6.798	146	214073	35.872	ng	100
14) 1,2-Dichlorobenzene	6.951	146	199093	35.853	ng	99
15) Benzyl Alcohol	6.934	79	166574	38.949	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	305543	36.314	ng	89
17) 2-Methylphenol	7.045	107	157629	35.540	ng	98
18) Hexachloroethane	7.286	117	73273	33.809	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	138149	35.950	ng	97
20) 3+4-Methylphenols	7.198	107	197933	35.721	ng	# 80
22) Acetophenone	7.192	105	277867	40.554	ng	92
24) Nitrobenzene	7.369	77	202418	37.825	ng	92
25) Isophorone	7.604	82	366626	37.717	ng	100
26) 2-Nitrophenol	7.681	139	102070	39.866	ng	95
27) 2,4-Dimethylphenol	7.722	122	149768	48.048	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	230306	38.978	ng	98
29) 2,4-Dichlorophenol	7.928	162	149609	37.281	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	166402	37.216	ng	100
31) Naphthalene	8.081	128	565761	37.673	ng	100
32) Benzoic acid	7.851	122	99468	32.980	ng	99
33) 4-Chloroaniline	8.133	127	86693	15.635	ng	98
34) Hexachlorobutadiene	8.198	225	99460	36.613	ng	99
35) Caprolactam	8.510	113	44677m	33.748	ng	
36) 4-Chloro-3-methylphenol	8.628	107	145805	32.274	ng	96
37) 2-Methylnaphthalene	8.775	142	334000	34.558	ng	100
38) 1-Methylnaphthalene	8.875	142	323765	34.145	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	163873	47.648	ng	99
41) Hexachlorocyclopentadiene	8.922	237	42524	41.302	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	94365	42.783	ng	98

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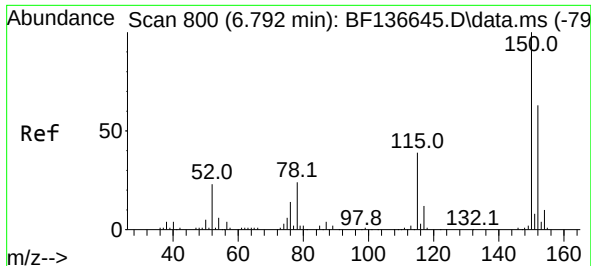
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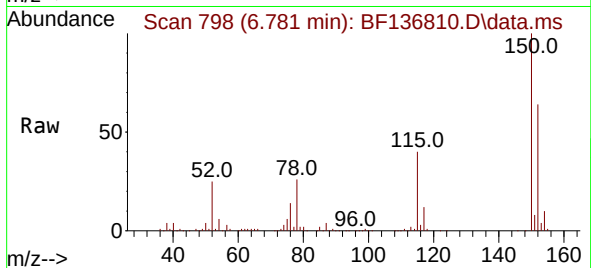
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	90869	36.970	ng	99
46) 1,1'-Biphenyl	9.239	154	423034	45.395	ng	99
47) 2-Chloronaphthalene	9.263	162	296426	41.842	ng	100
48) 2-Nitroaniline	9.363	65	89294	40.250	ng	98
49) Acenaphthylene	9.680	152	466546	43.085	ng	99
50) Dimethylphthalate	9.539	163	341880	42.147	ng	99
51) 2,6-Dinitrotoluene	9.610	165	70254	38.162	ng	96
52) Acenaphthene	9.851	154	264386	39.388	ng	99
53) 3-Nitroaniline	9.775	138	57321	29.393	ng	96
54) 2,4-Dinitrophenol	9.886	184	34294	35.778	ng	# 80
55) Dibenzofuran	10.022	168	400779	39.388	ng	99
56) 4-Nitrophenol	9.951	139	78141	59.357	ng	97
57) 2,4-Dinitrotoluene	10.016	165	82531	34.533	ng	# 92
58) Fluorene	10.369	166	298855	37.017	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	68017	35.949	ng	99
60) Diethylphthalate	10.245	149	323426	38.429	ng	98
61) 4-Chlorophenyl-phenyle...	10.357	204	147512	37.590	ng	99
62) 4-Nitroaniline	10.392	138	55030m	29.272	ng	
63) Azobenzene	10.522	77	271727	34.567	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	28168	28.500	ng	94
66) n-Nitrosodiphenylamine	10.480	169	252453	45.063	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	81372	42.486	ng	96
68) Hexachlorobenzene	10.916	284	85978	40.282	ng	98
69) Atrazine	11.010	200	75544	52.722	ng	98
70) Pentachlorophenol	11.116	266	77173	77.571	ng	94
71) Phenanthrene	11.333	178	482929	54.575	ng	99
72) Anthracene	11.386	178	391862	43.727	ng	99
73) Carbazole	11.545	167	358356	42.413	ng	99
74) Di-n-butylphthalate	11.874	149	438501	42.532	ng	100
75) Fluoranthene	12.527	202	611651	64.620	ng	98
77) Benzidine	12.651	184	71493	15.843	ng	97
78) Pyrene	12.757	202	608933	40.532	ng	99
80) Butylbenzylphthalate	13.380	149	195139	35.696	ng	97
81) Benzo(a)anthracene	13.957	228	521305	49.055	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	124736	41.331	ng	99
83) Chrysene	13.992	228	498390	47.959	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	279902	40.695	ng	97
85) Di-n-octyl phthalate	14.562	149	521088	48.978	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	339290	35.893	ng	98
88) Benzo(b)fluoranthene	15.015	252	454754	52.005	ng	99
89) Benzo(k)fluoranthene	15.045	252	390842	47.302	ng	99
90) Benzo(a)pyrene	15.386	252	354440	48.019	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	261416	33.709	ng	97
92) Benzo(g,h,i)perylene	17.409	276	271239	34.149	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

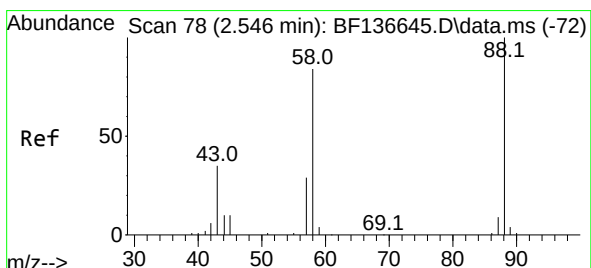
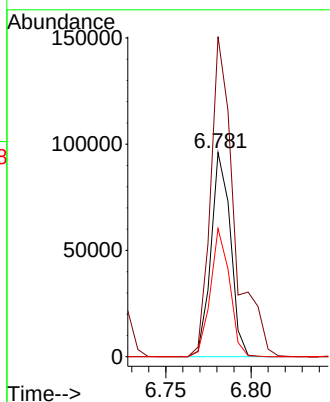
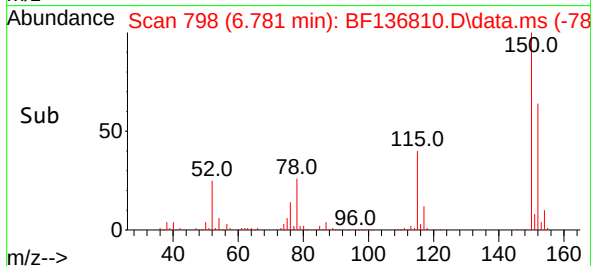
Instrument :
BNA_F
Client SampleId :
TP-35MSD



Tgt Ion:152 Resp: 76334
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 62.8 49.0 73.4

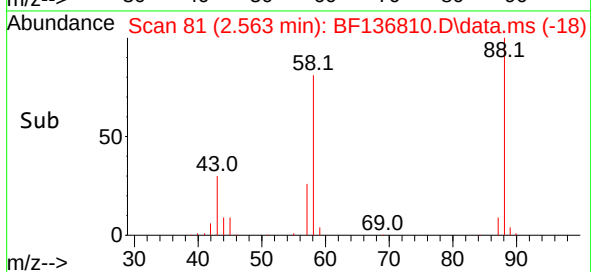
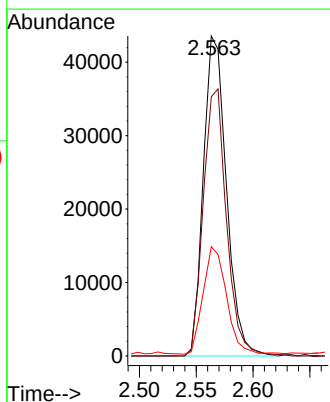
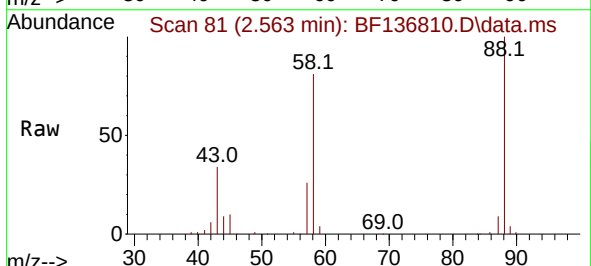
Manual Integrations
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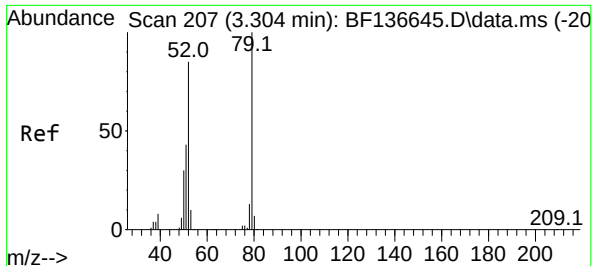
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#2
1,4-Dioxane
Concen: 30.194 ng
RT: 2.563 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

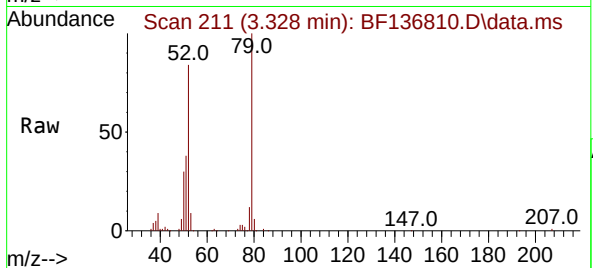
Tgt Ion: 88 Resp: 61549
Ion Ratio Lower Upper
88 100
58 84.2 67.4 101.0
43 34.3 27.7 41.5





#3
Pyridine
Concen: 31.228 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.024 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

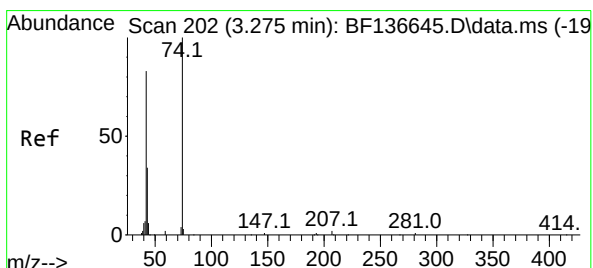
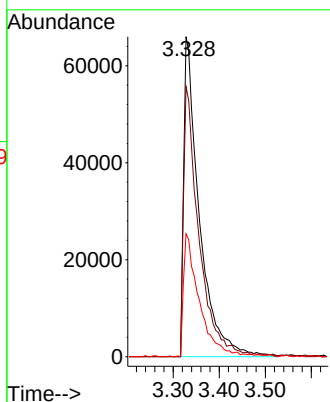
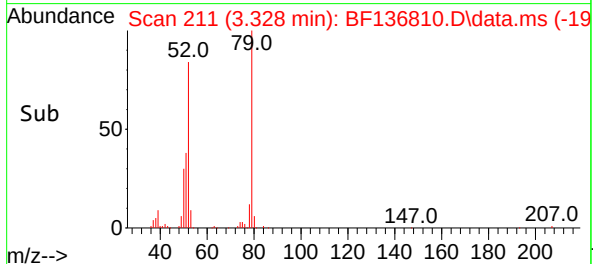
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



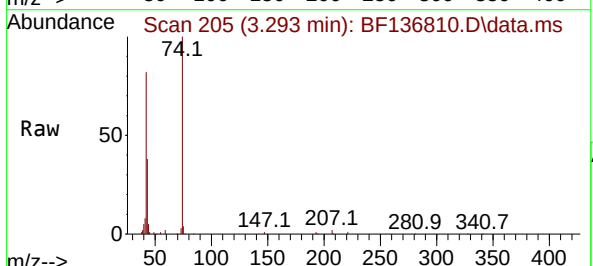
Tgt Ion: 79 Resp: 155314
Ion Ratio Lower Upper
79 100
52 84.4 67.7 101.5
51 38.4 34.0 51.0

Manual Integrations
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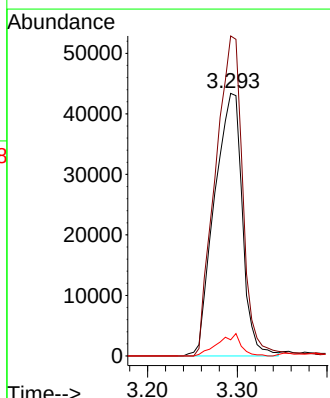
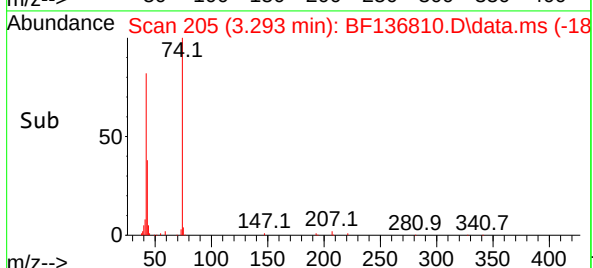
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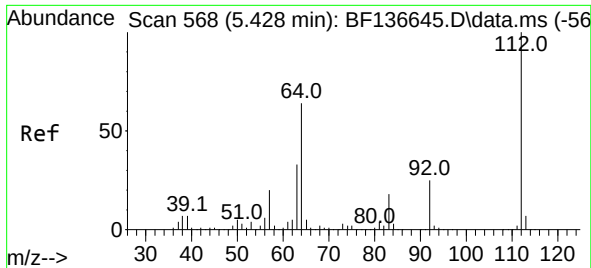


#4
n-Nitrosodimethylamine
Concen: 35.219 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.018 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55



Tgt Ion: 42 Resp: 93540
Ion Ratio Lower Upper
42 100
74 121.9 96.0 144.0
44 6.1 5.4 8.2





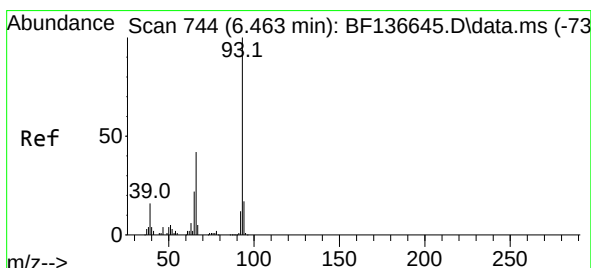
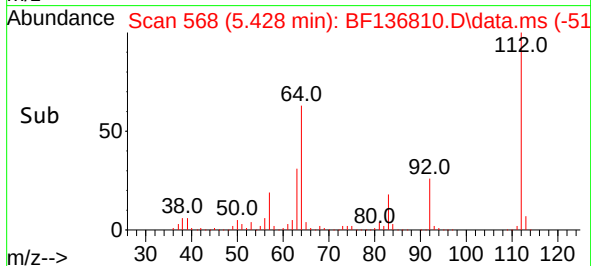
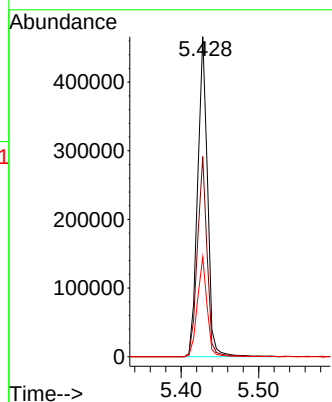
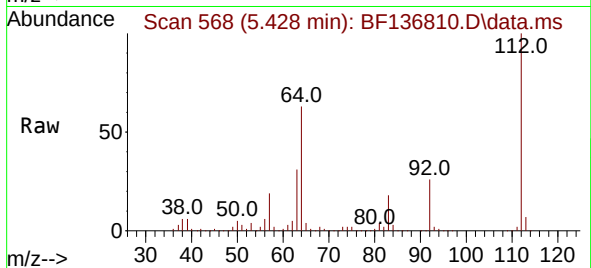
#5
2-Fluorophenol
Concen: 84.327 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :
BNA_F
ClientSampleId :
TP-35MSD

Tgt Ion:112 Resp: 41255
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 31.2 26.1 39.1

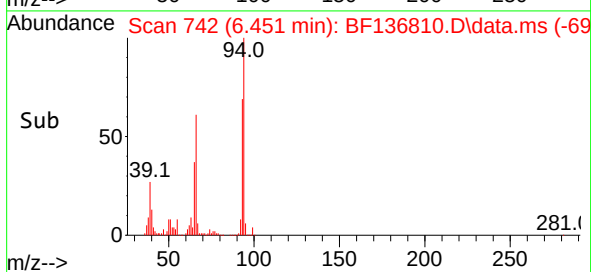
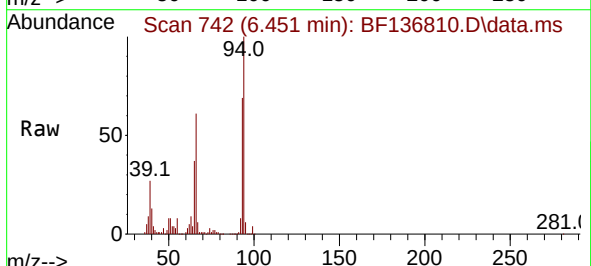
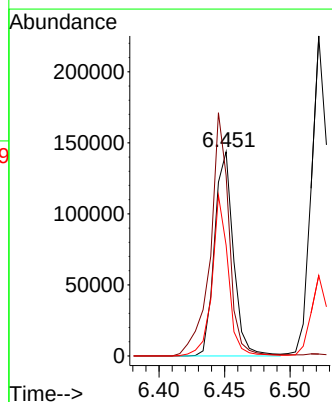
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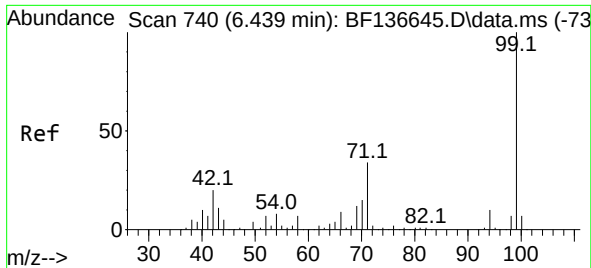
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#6
Aniline
Concen: 22.734 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

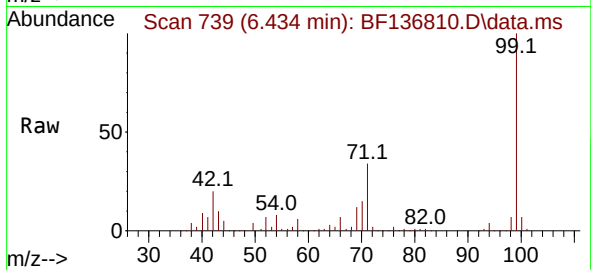
Tgt Ion: 93 Resp: 144085
Ion Ratio Lower Upper
93 100
66 88.4 34.6 51.8#
65 54.2 17.8 26.8#





#7
Phenol-d6
Concen: 80.103 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

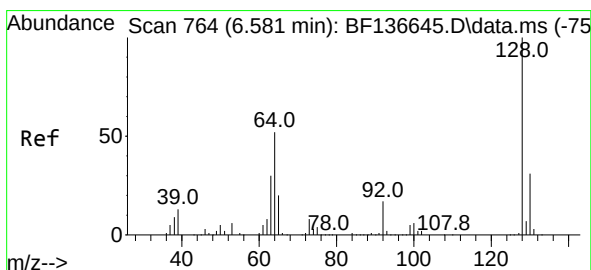
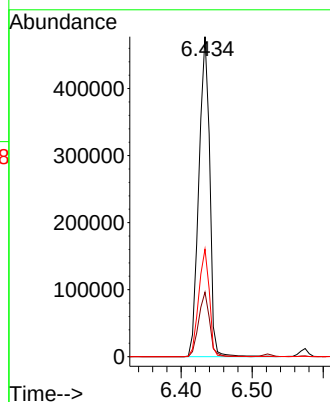
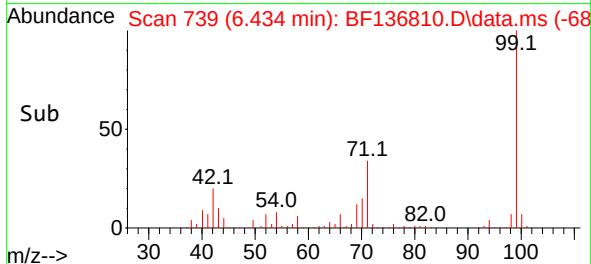
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



Tgt Ion: 99 Resp: 507792
Ion Ratio Lower Upper
99 100
42 20.1 16.1 24.1
71 33.6 27.4 41.2

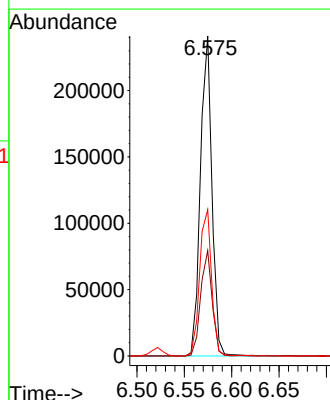
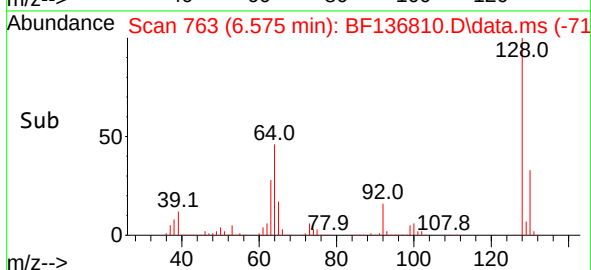
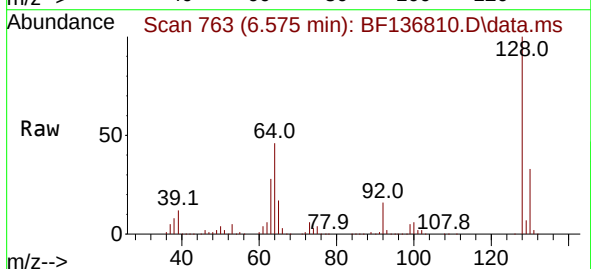
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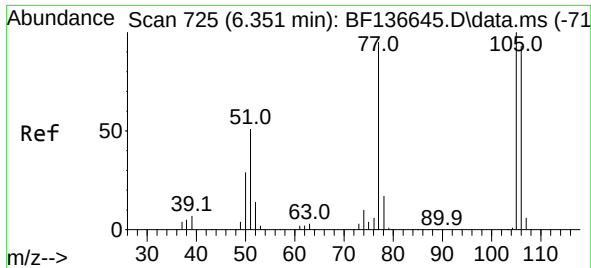
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#8
2-Chlorophenol
Concen: 38.210 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Tgt Ion:128 Resp: 204572
Ion Ratio Lower Upper
128 100
130 32.9 11.3 51.3
64 45.8 32.5 72.5





#9
Benzaldehyde
Concen: 18.643 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

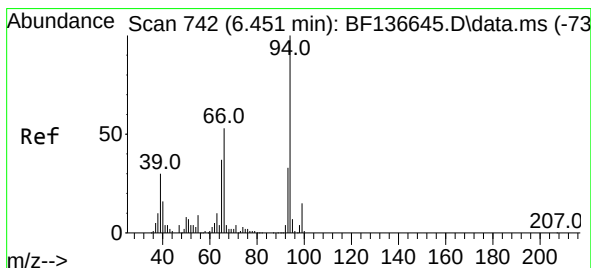
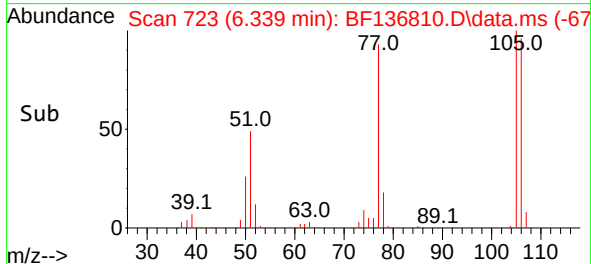
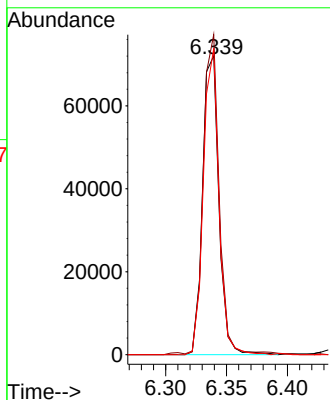
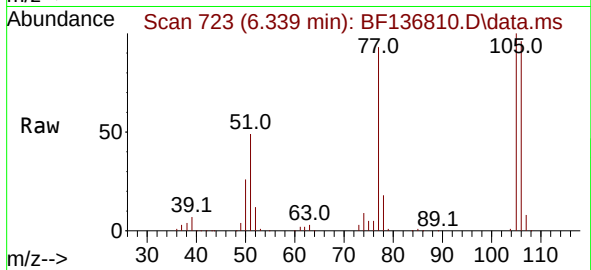
Instrument :
BNA_F
ClientSampleId :
TP-35MSD

Tgt Ion: 77 Resp: 67224

Ion	Ratio	Lower	Upper
77	100		
105	107.1	84.8	124.8
106	102.4	77.8	117.8

Manual Integrations
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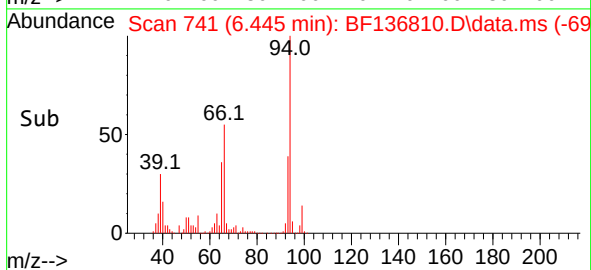
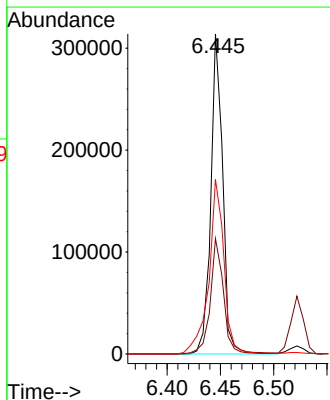
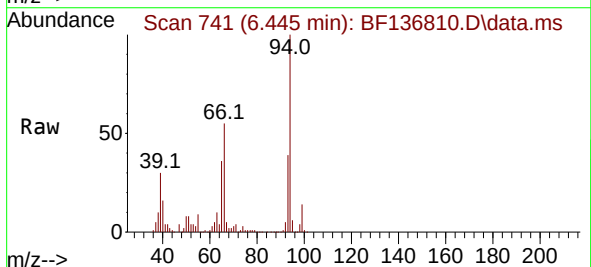
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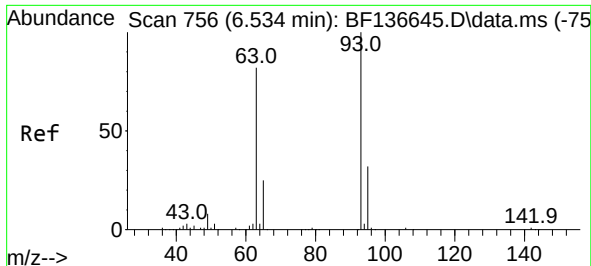


#10
Phenol
Concen: 35.907 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Tgt Ion: 94 Resp: 242991

Ion	Ratio	Lower	Upper
94	100		
65	36.0	16.6	56.6
66	54.5	32.6	72.6





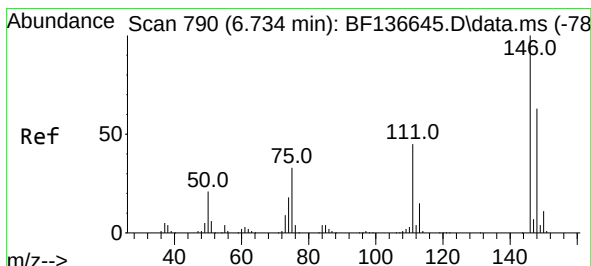
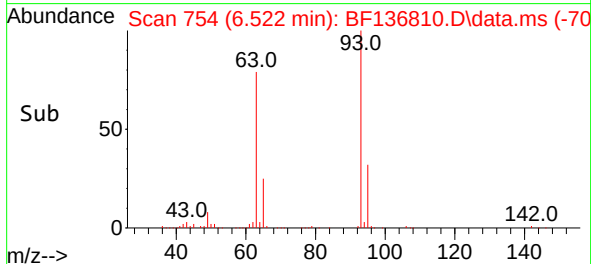
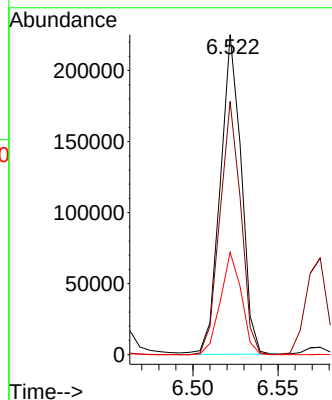
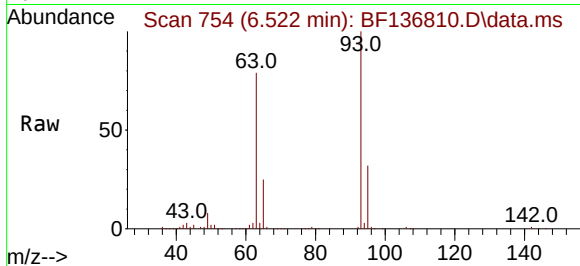
#11
bis(2-Chloroethyl)ether
Concen: 37.430 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :
BNA_F
ClientSampleId :
TP-35MSD

Tgt Ion: 93 Resp: 192629
Ion Ratio Lower Upper
93 100
63 79.2 61.2 101.2
95 32.0 11.6 51.6

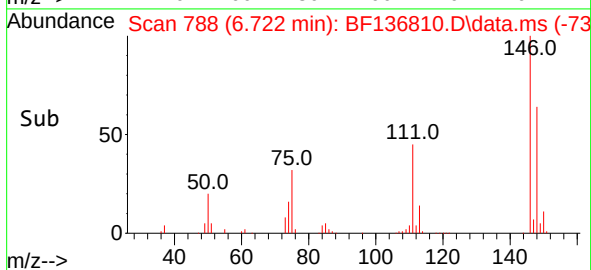
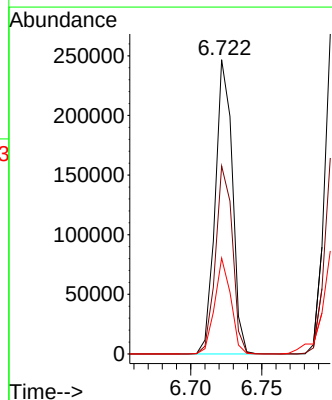
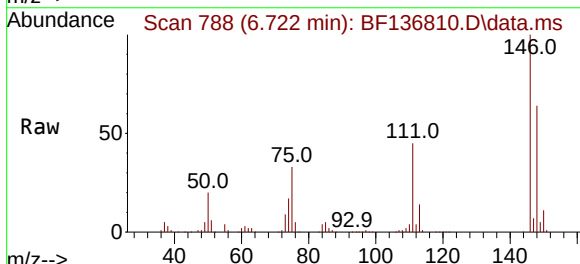
Manual Integrations
APPROVED

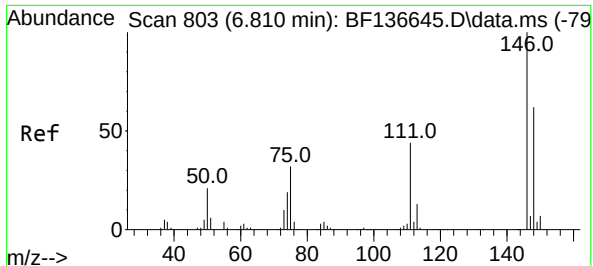
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#12
1,3-Dichlorobenzene
Concen: 35.464 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Tgt Ion:146 Resp: 207124
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
75 32.5 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 35.872 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA_F

ClientSampleId :

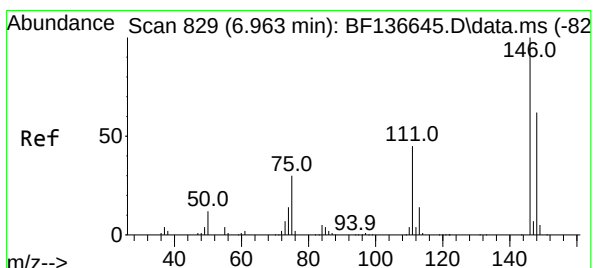
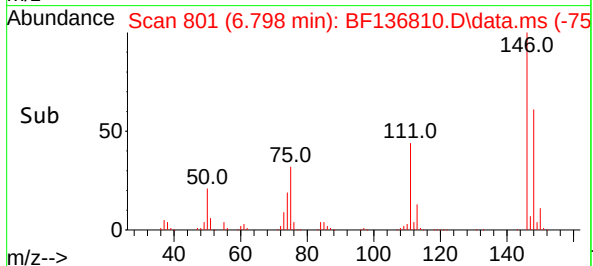
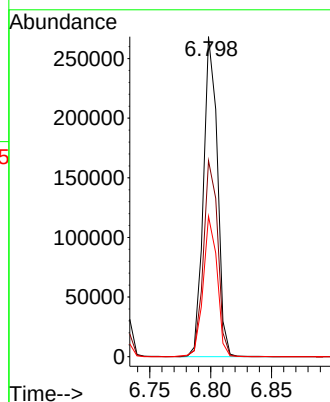
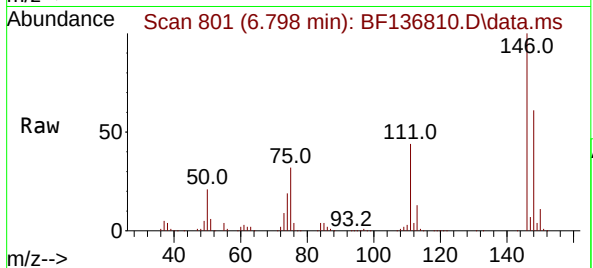
TP-35MSD

Tgt Ion:146 Resp: 214073
 Ion Ratio Lower Upper
 146 100
 148 61.2 49.2 73.8
 111 43.8 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023



#14

1,2-Dichlorobenzene

Concen: 35.853 ng

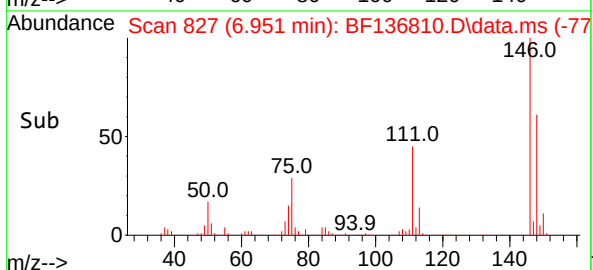
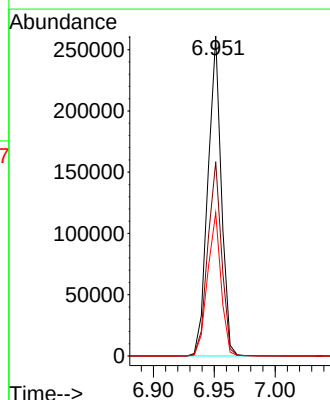
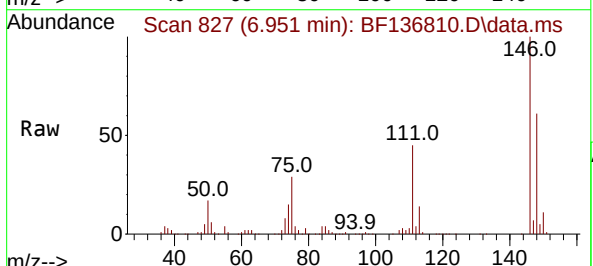
RT: 6.951 min Scan# 827

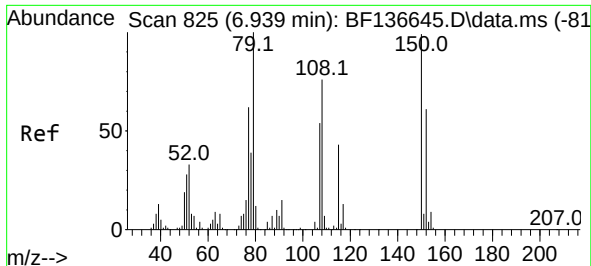
Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

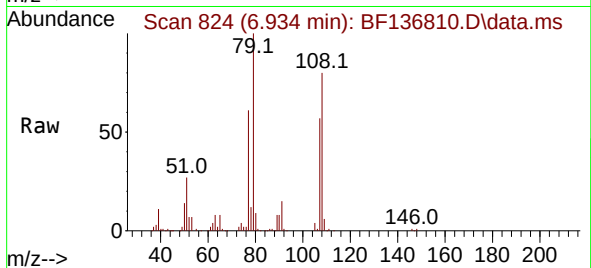
Tgt Ion:146 Resp: 199093
 Ion Ratio Lower Upper
 146 100
 148 60.7 49.6 74.4
 111 44.8 36.2 54.2





#15
Benzyl Alcohol
Concen: 38.949 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

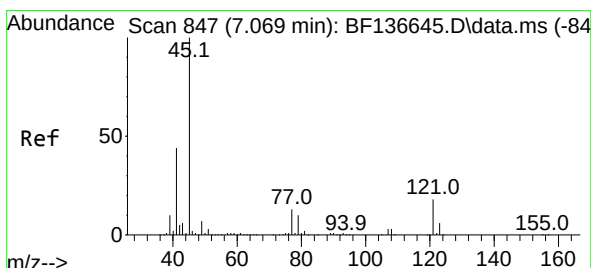
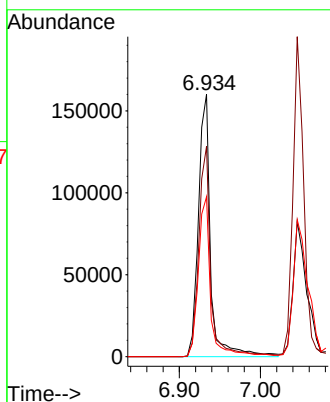
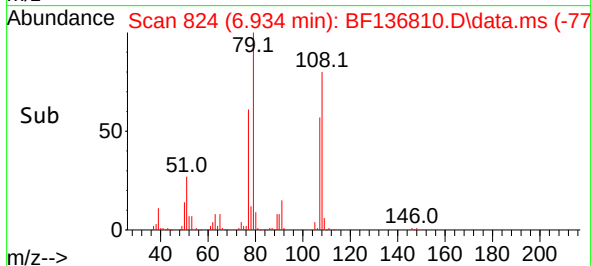
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



Tgt Ion: 79 Resp: 166574
Ion Ratio Lower Upper
79 100
108 80.2 61.0 91.6
77 61.0 49.8 74.8

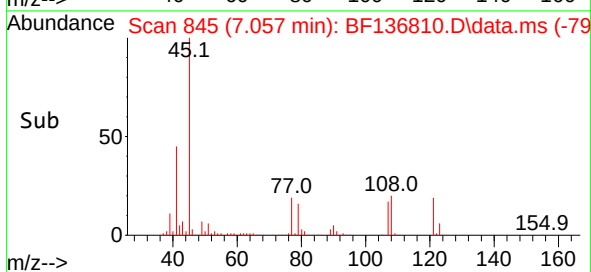
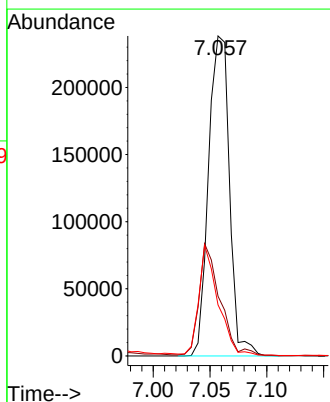
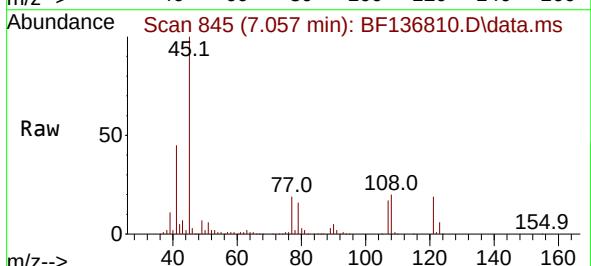
Manual Integrations
APPROVED

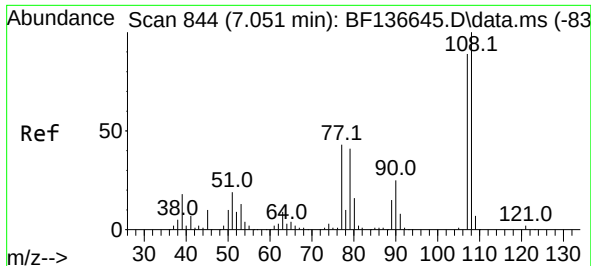
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.314 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Tgt Ion: 45 Resp: 305543
Ion Ratio Lower Upper
45 100
77 18.7 0.0 34.3
79 15.9 0.0 31.4





#17
2-Methylphenol
Concen: 35.540 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :

BNA_F

ClientSampleId :

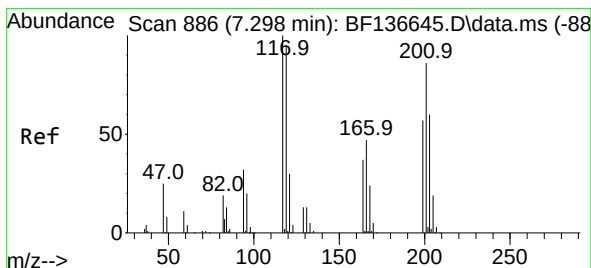
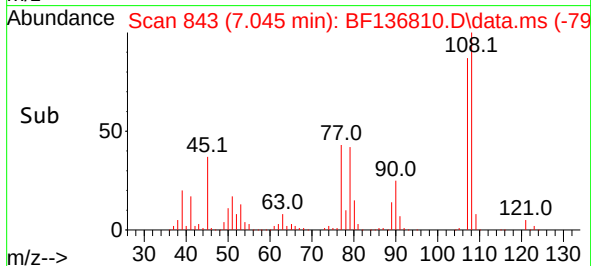
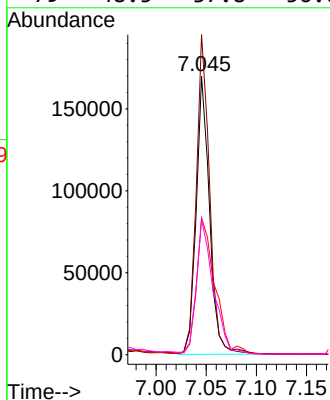
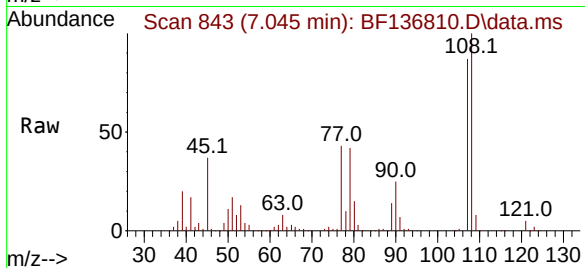
TP-35MSD

Tgt Ion:107 Resp: 157629
Ion Ratio Lower Upper
107 100
108 114.9 90.3 135.5
77 49.2 38.7 58.1
79 48.5 37.8 56.6

Manual Integrations

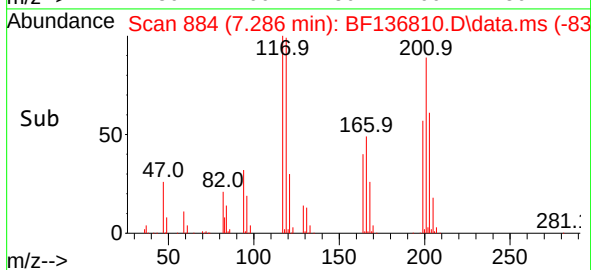
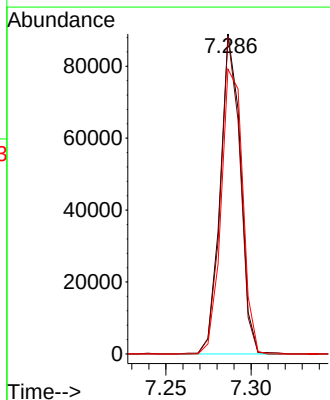
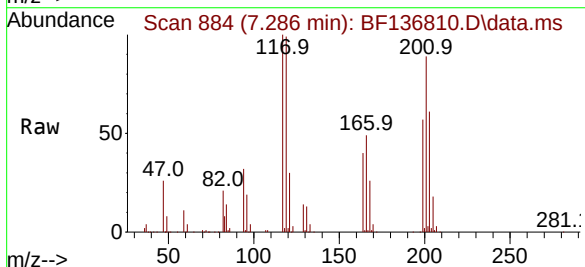
APPROVED

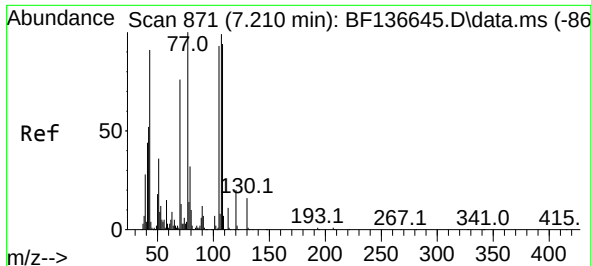
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#18
Hexachloroethane
Concen: 33.809 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

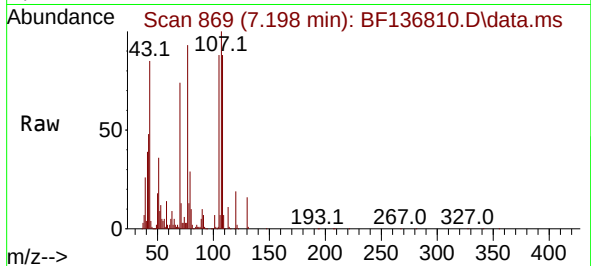
Tgt Ion:117 Resp: 73273
Ion Ratio Lower Upper
117 100
119 99.4 75.8 113.6
201 89.0 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 35.950 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

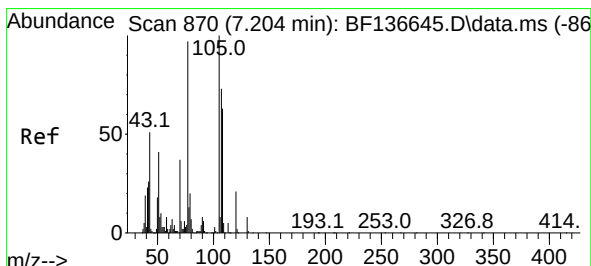
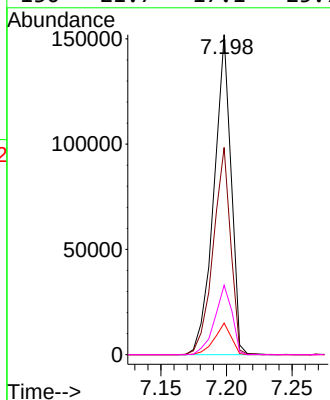
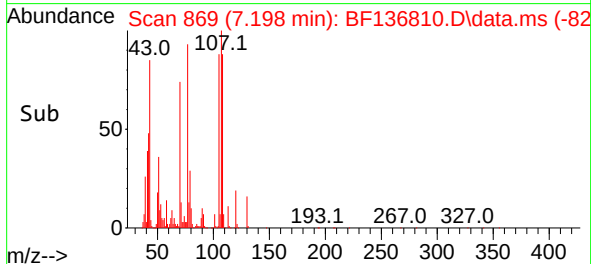
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



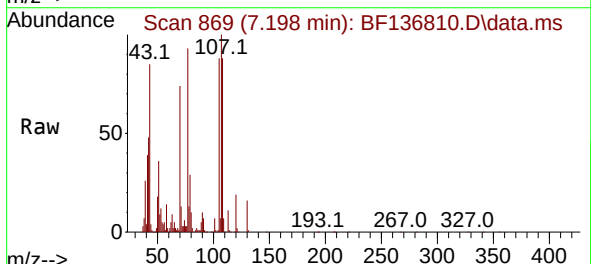
Tgt Ion:	70	Resp:	138149
Ion Ratio	Lower	Upper	
70	100		
42	64.7	54.2	81.4
101	9.8	7.6	11.4
130	21.7	17.1	25.7

Manual Integrations
APPROVED

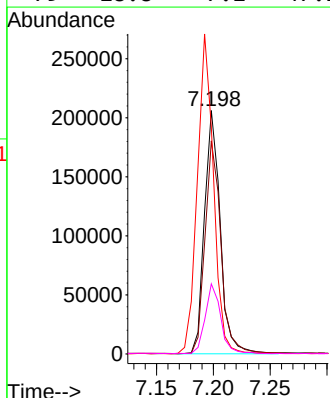
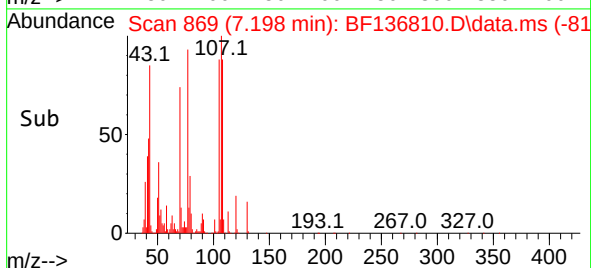
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

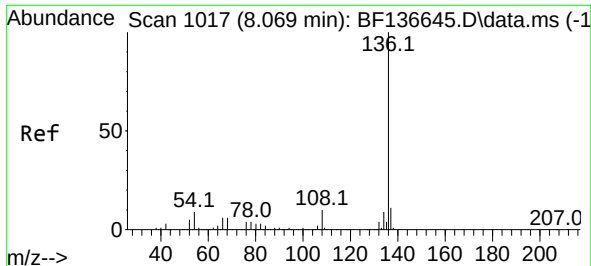


#20
3+4-Methylphenols
Concen: 35.721 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55



Tgt Ion:	107	Resp:	197933
Ion Ratio	Lower	Upper	
107	100		
108	87.5	66.0	106.0
77	93.4	114.2	154.2#
79	28.8	7.2	47.2





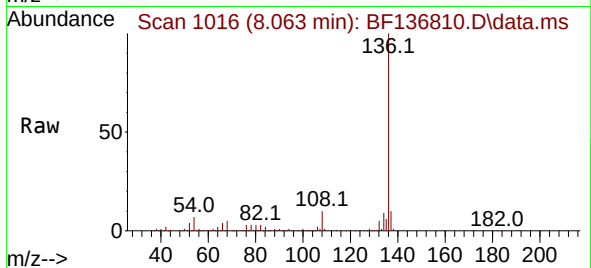
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :

BNA_F

ClientSampleId :

TP-35MSD

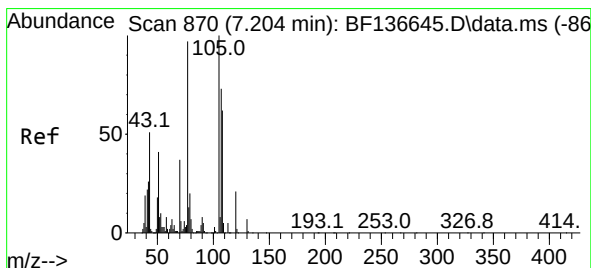
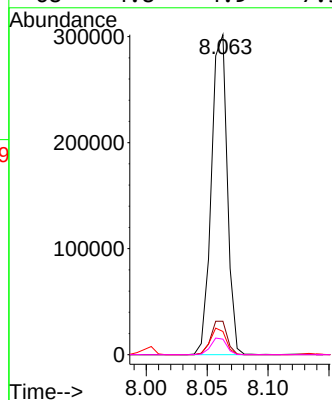
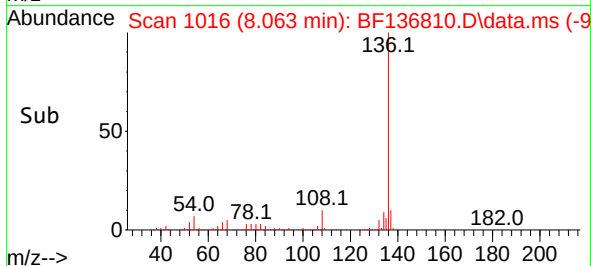


Tgt Ion:136 Resp: 273362
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 7.3 7.2 10.8
68 4.8 4.9 7.3#

Manual Integrations

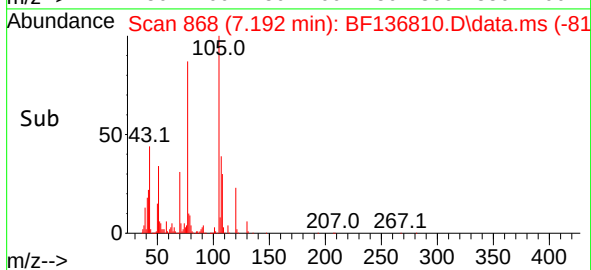
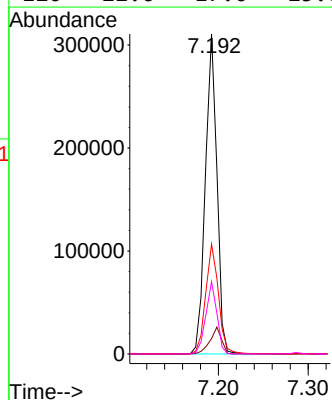
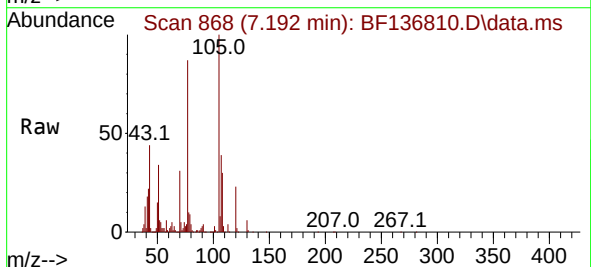
APPROVED

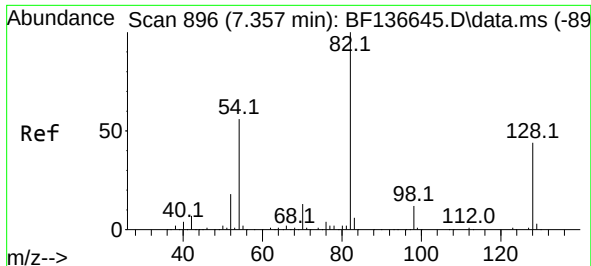
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#22
Acetophenone
Concen: 40.554 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Tgt Ion:105 Resp: 277867
Ion Ratio Lower Upper
105 100
71 4.8 4.8 7.2
51 34.3 32.8 49.2
120 22.6 17.0 25.6





#23
Nitrobenzene-d5
Concen: 58.741 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :

BNA_F

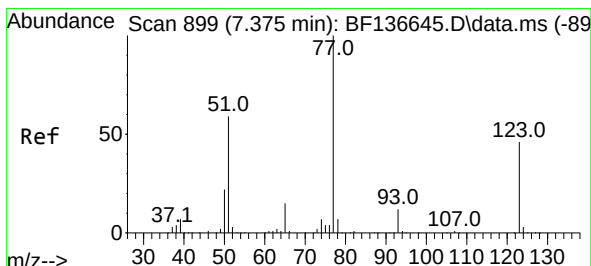
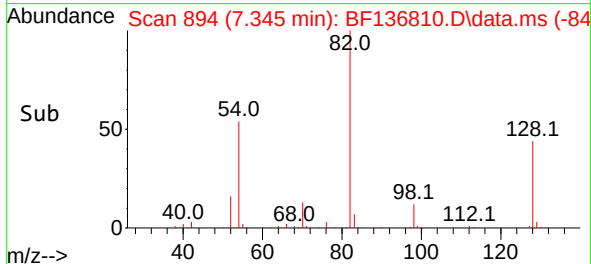
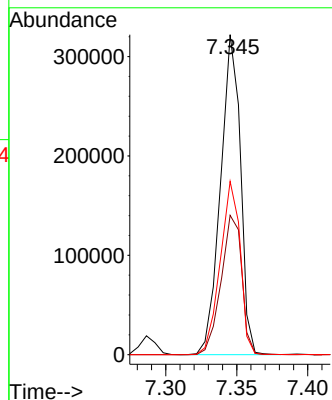
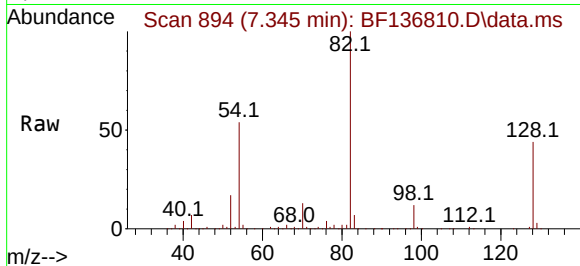
ClientSampleId :

TP-35MSD

Tgt Ion: 82 Resp: 31380
Ion Ratio Lower Upper
82 100
128 43.6 35.3 52.9
54 54.2 44.5 66.7

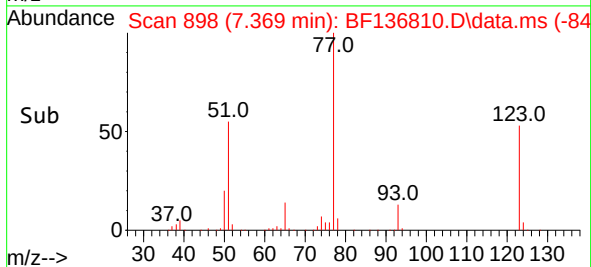
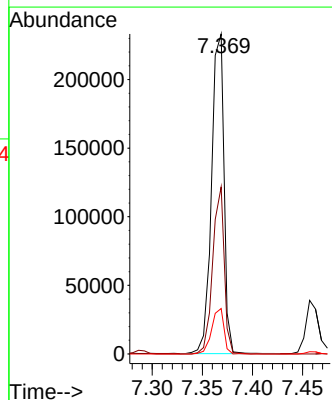
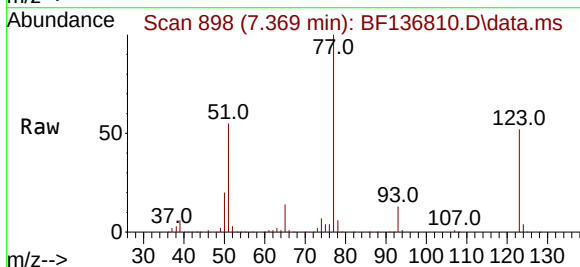
Manual Integrations
APPROVED

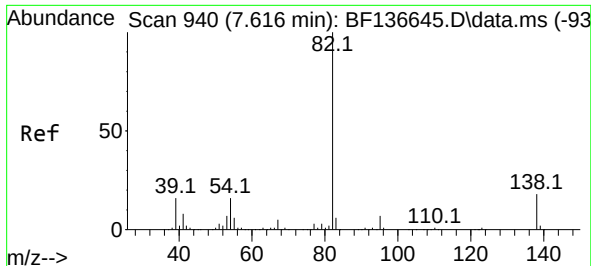
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#24
Nitrobenzene
Concen: 37.825 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Tgt Ion: 77 Resp: 202418
Ion Ratio Lower Upper
77 100
123 52.2 36.7 55.1
65 14.2 11.8 17.6





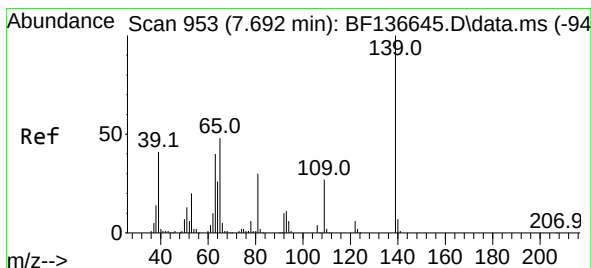
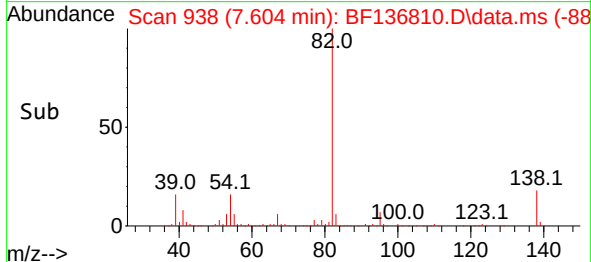
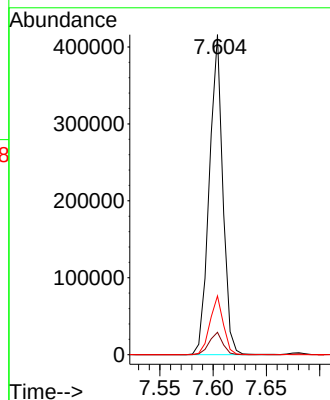
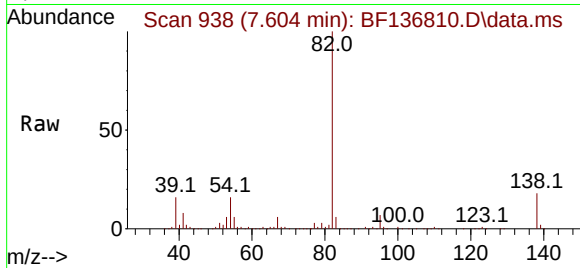
#25
Isophorone
Concen: 37.717 ng
RT: 7.604 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :
BNA_F
ClientSampleId :
TP-35MSD

Tgt Ion: 82 Resp: 366620
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.4 14.5 21.7

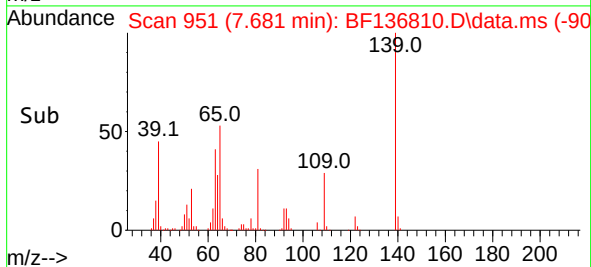
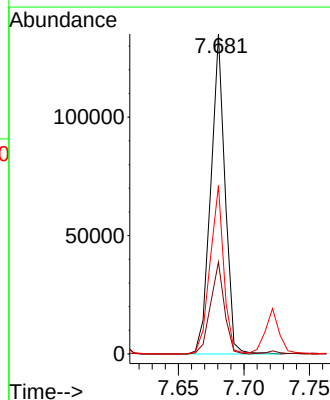
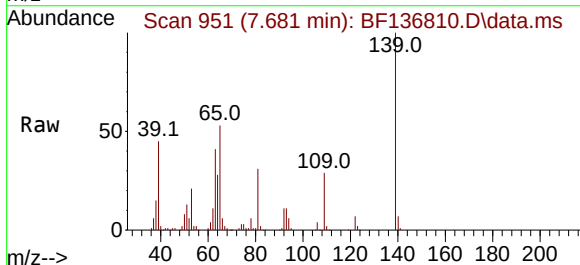
Manual Integrations
APPROVED

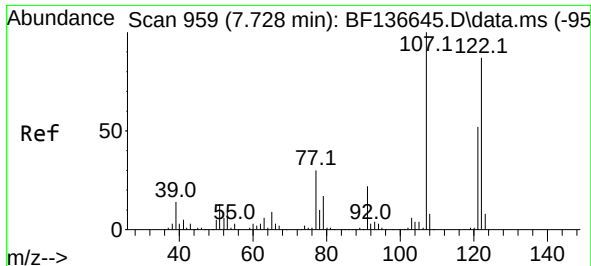
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#26
2-Nitrophenol
Concen: 39.866 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Tgt Ion:139 Resp: 102070
Ion Ratio Lower Upper
139 100
109 28.7 21.9 32.9
65 52.6 38.6 58.0





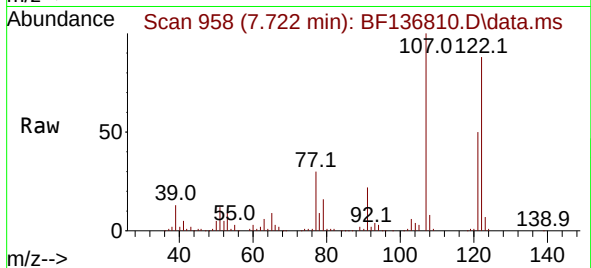
#27
2,4-Dimethylphenol
Concen: 48.048 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :

BNA_F

ClientSampleId :

TP-35MSD

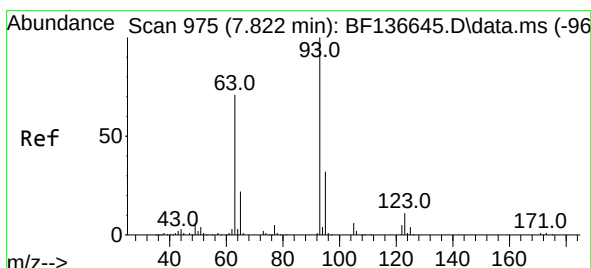
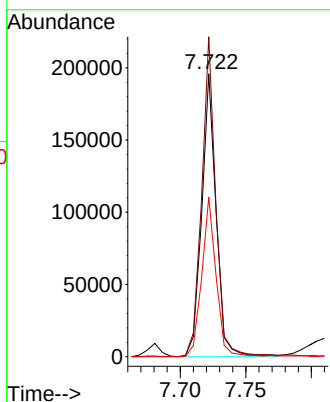
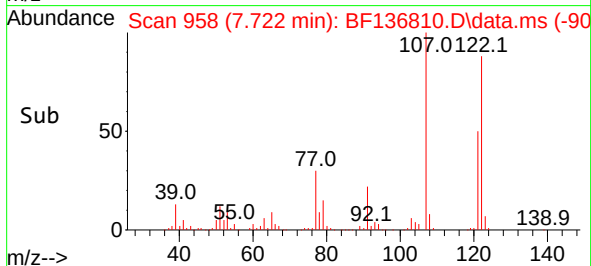


Tgt Ion:122 Resp: 149768
Ion Ratio Lower Upper
122 100
107 113.1 92.0 138.0
121 56.4 47.5 71.3

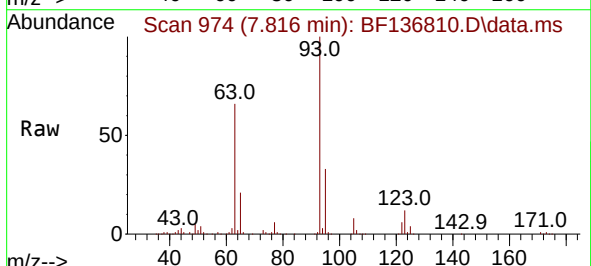
Manual Integrations

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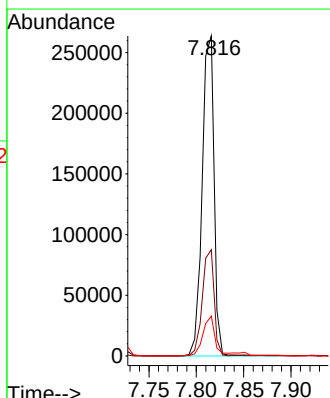
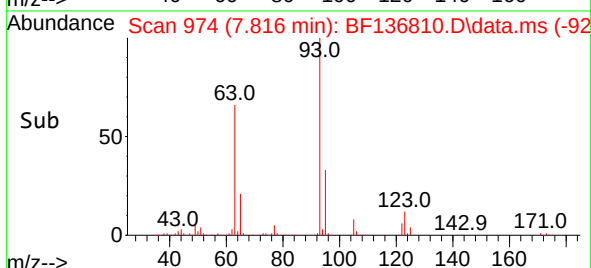
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

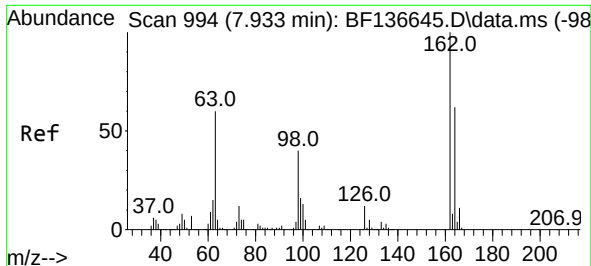


#28
bis(2-Chloroethoxy)methane
Concen: 38.978 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55



Tgt Ion: 93 Resp: 230306
Ion Ratio Lower Upper
93 100
95 33.2 25.5 38.3
123 12.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 37.281 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA_F

ClientSampleId :

TP-35MSD

Tgt Ion:162 Resp: 149609

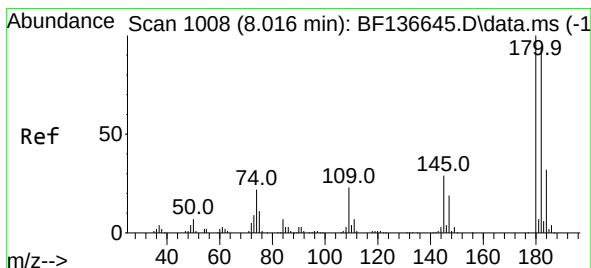
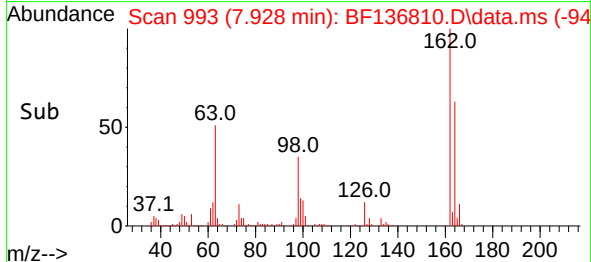
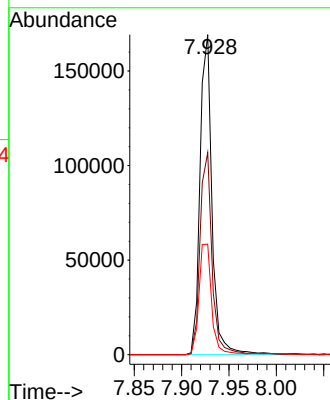
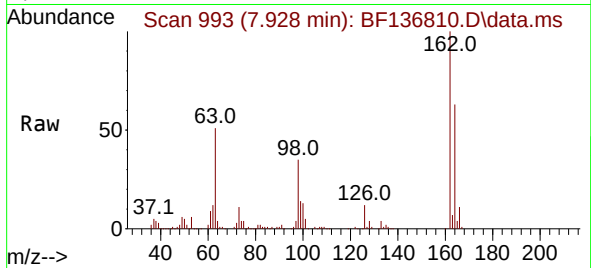
Ion	Ratio	Lower	Upper
162	100		
164	63.2	41.7	81.7
98	34.5	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.216 ng

RT: 8.004 min Scan# 1006

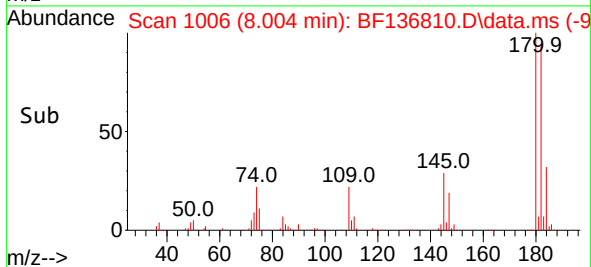
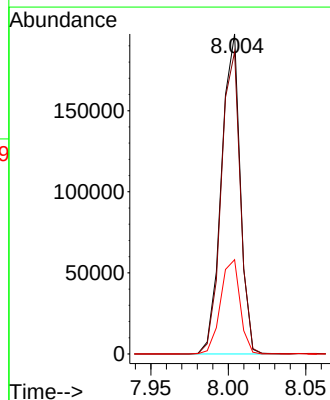
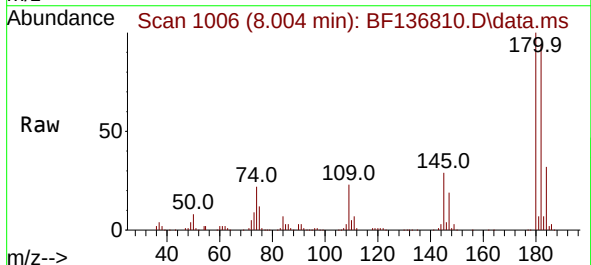
Delta R.T. -0.012 min

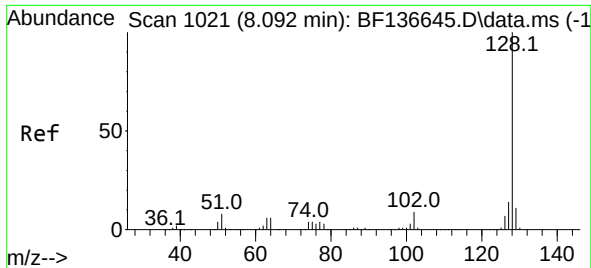
Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Tgt Ion:180 Resp: 166402

Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.4	113.0
145	29.5	23.1	34.7





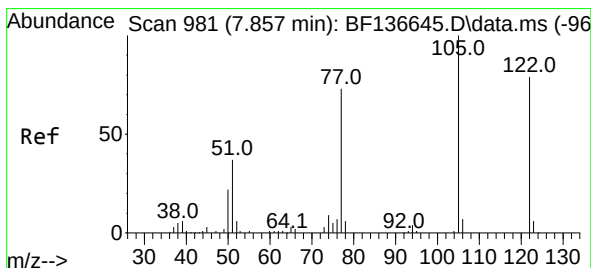
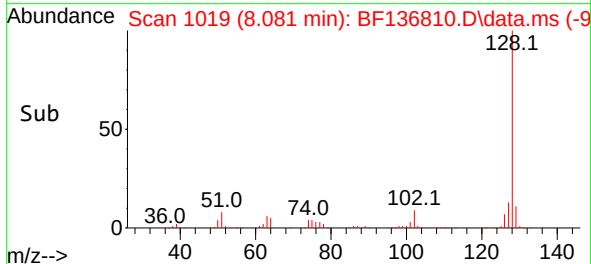
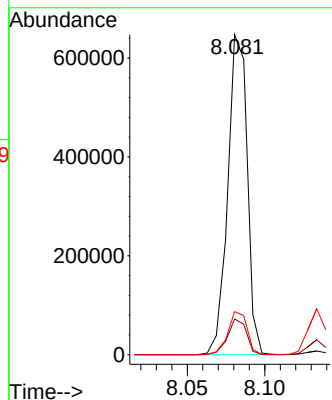
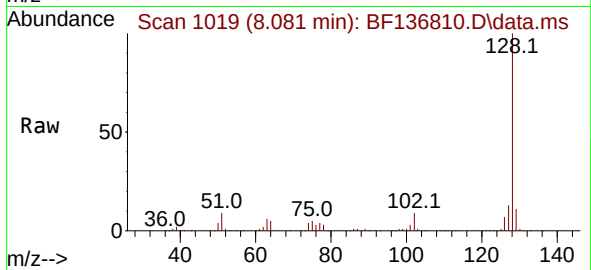
#31
Naphthalene
Concen: 37.673 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :
BNA_F
ClientSampleId :
TP-35MSD

Tgt Ion:128 Resp: 56576
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.8 16.2

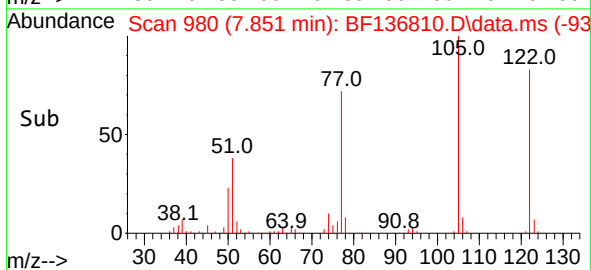
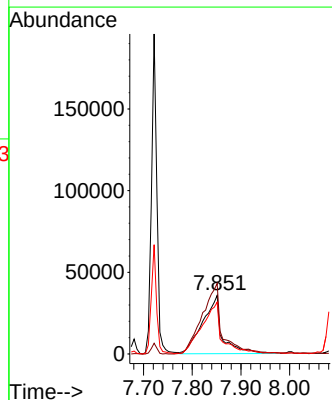
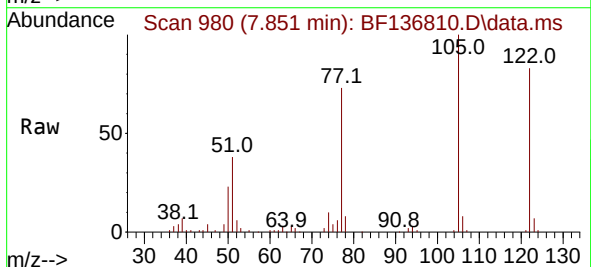
Manual Integrations
APPROVED

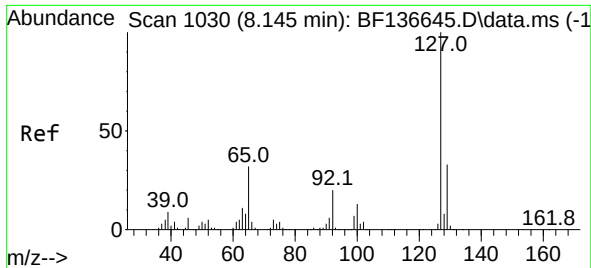
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#32
Benzoic acid
Concen: 32.980 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Tgt Ion:122 Resp: 99468
Ion Ratio Lower Upper
122 100
105 120.3 100.8 140.8
77 88.4 70.9 110.9





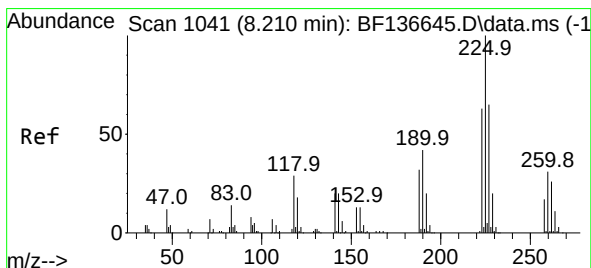
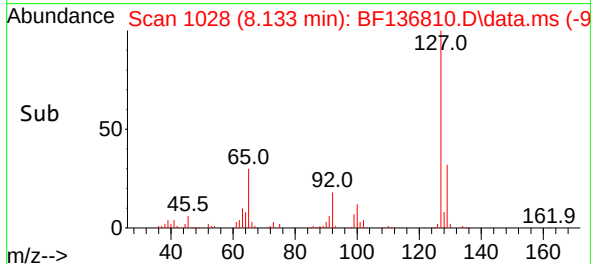
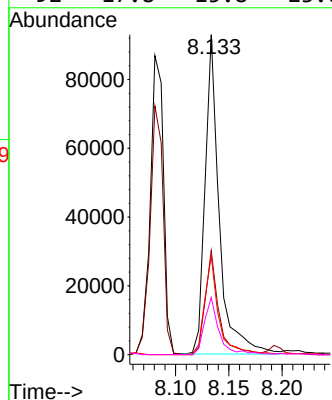
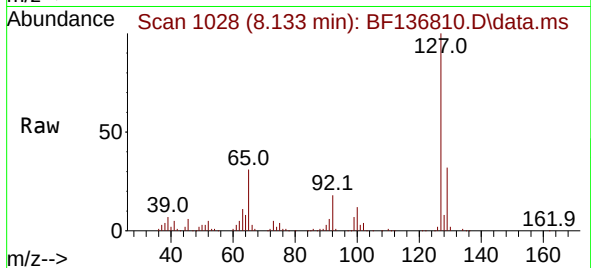
#33
4-Chloroaniline
Concen: 15.635 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :
BNA_F
ClientSampleId :
TP-35MSD

Tgt Ion:	127	Resp:	8669
Ion Ratio	Lower	Upper	
127	100		
129	32.5	26.3	39.5
65	30.9	25.8	38.8
92	17.8	15.8	23.6

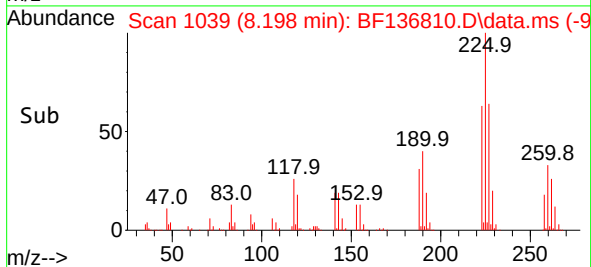
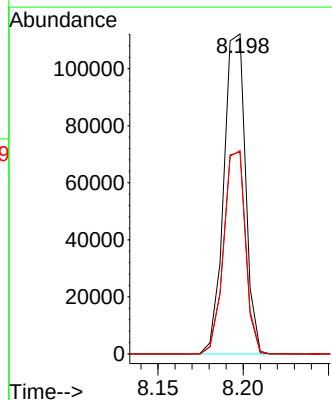
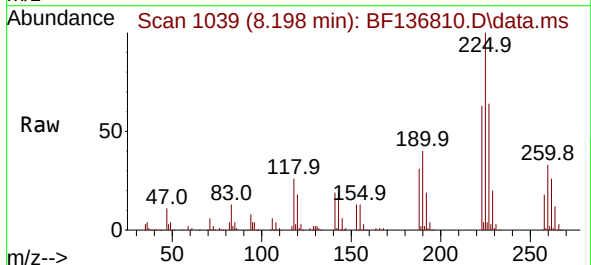
Manual Integrations
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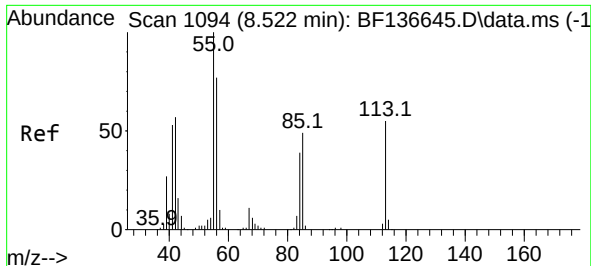
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#34
Hexachlorobutadiene
Concen: 36.613 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

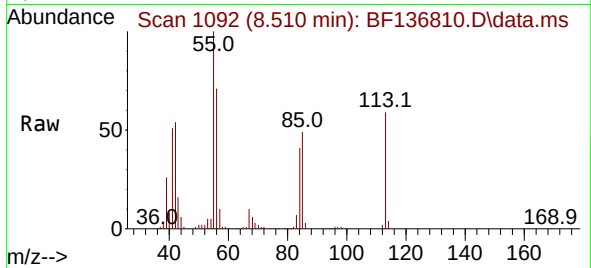
Tgt Ion:	225	Resp:	99460
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.6	76.0
227	63.6	51.9	77.9





#35
 Caprolactam
 Concen: 33.748 ng m
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.012 min
 Lab File: BF136810.D
 Acq: 28 Dec 2023 23:55

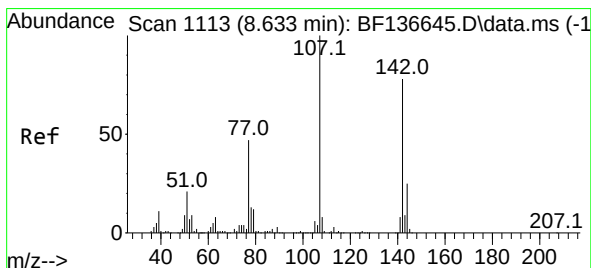
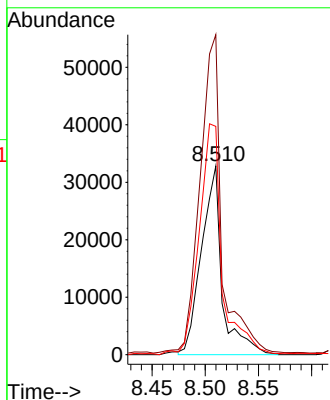
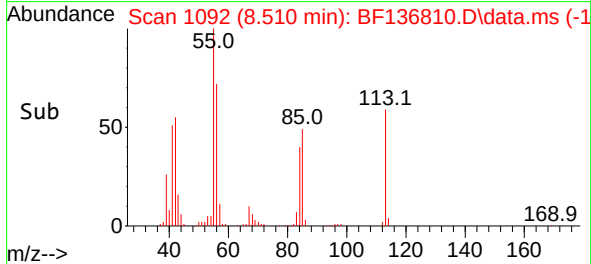
Instrument :
 BNA_F
 ClientSampleId :
 TP-35MSD



Tgt Ion:113 Resp: 4467
 Ion Ratio Lower Upper
 113 100
 55 169.6 163.1 203.1
 56 121.1 121.7 161.7

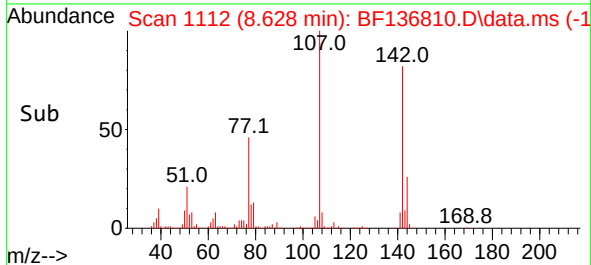
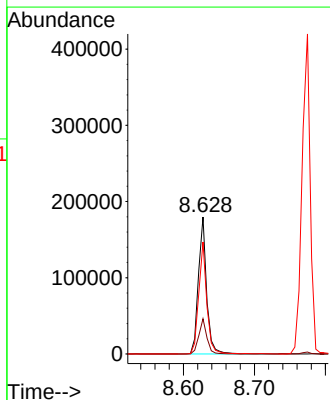
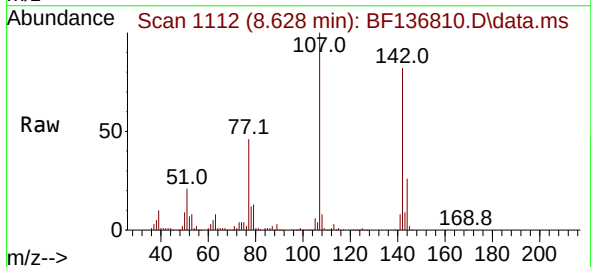
Manual Integrations
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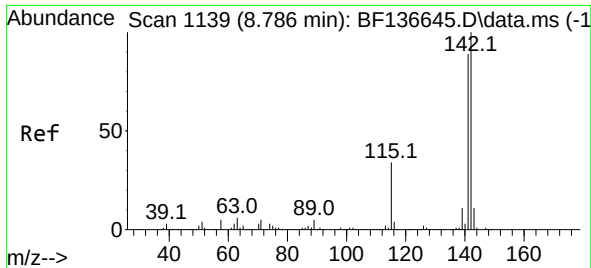
Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023



#36
 4-Chloro-3-methylphenol
 Concen: 32.274 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136810.D
 Acq: 28 Dec 2023 23:55

Tgt Ion:107 Resp: 145805
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.2 30.2
 142 81.8 62.3 93.5





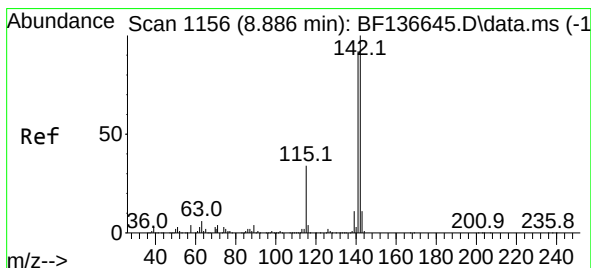
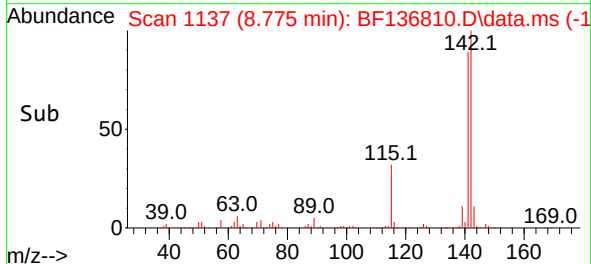
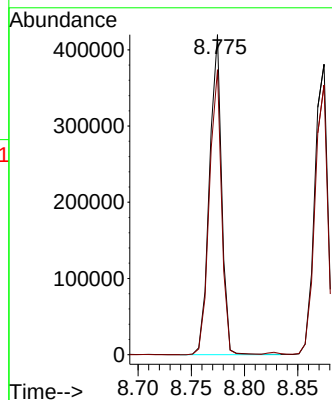
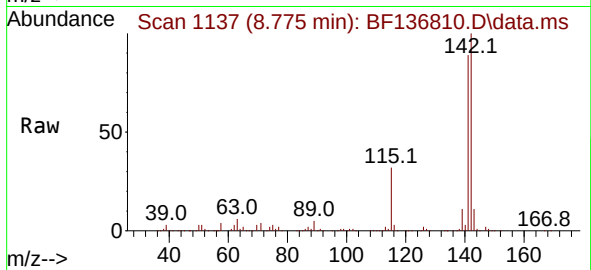
#37
2-Methylnaphthalene
Concen: 34.558 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :
BNA_F
ClientSampleId :
TP-35MSD

Tgt Ion:142 Resp: 334000
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7

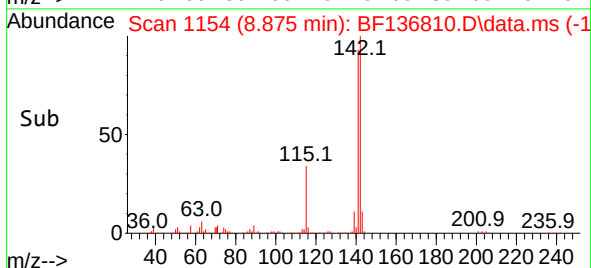
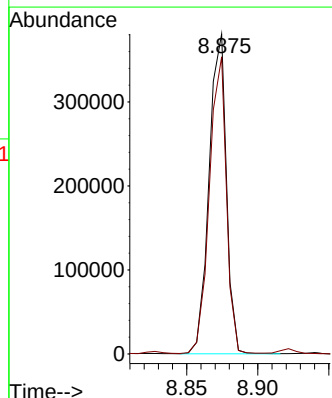
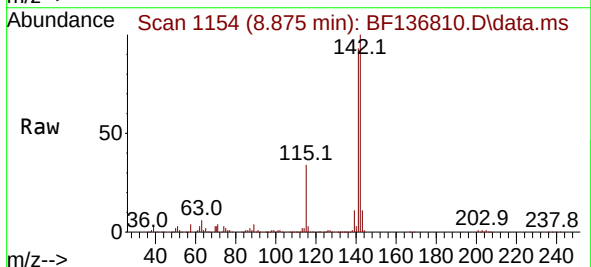
Manual Integrations
APPROVED

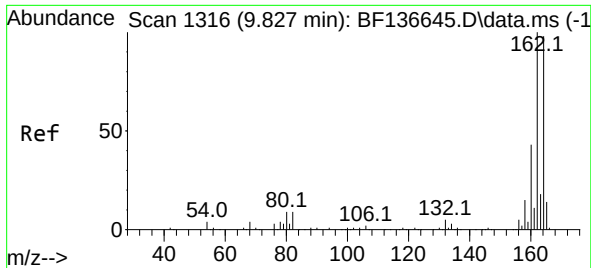
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#38
1-Methylnaphthalene
Concen: 34.145 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

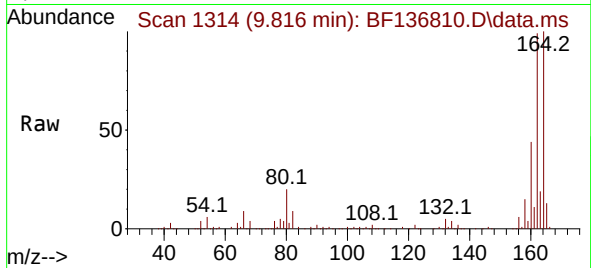
Tgt Ion:142 Resp: 323765
Ion Ratio Lower Upper
142 100
141 92.8 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

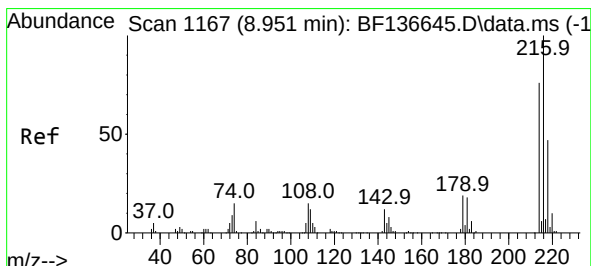
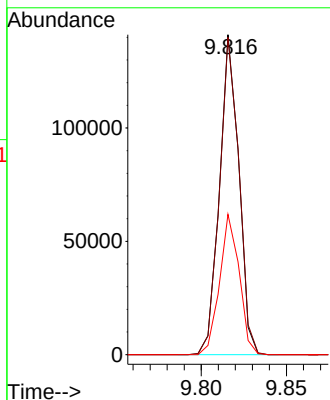
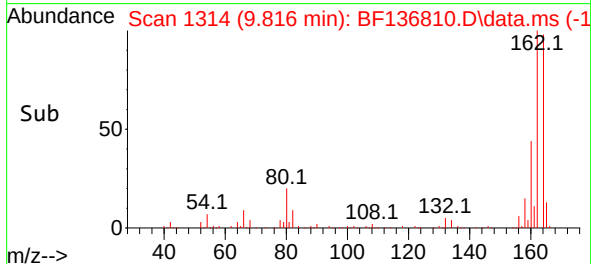
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



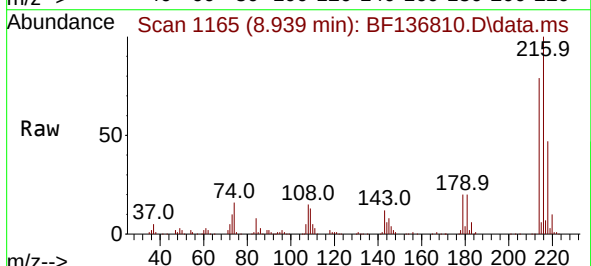
Tgt Ion:164 Resp: 11105
Ion Ratio Lower Upper
164 100
162 99.2 81.6 122.4
160 43.9 34.9 52.3

Manual Integrations
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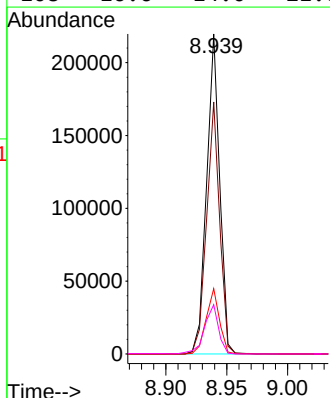
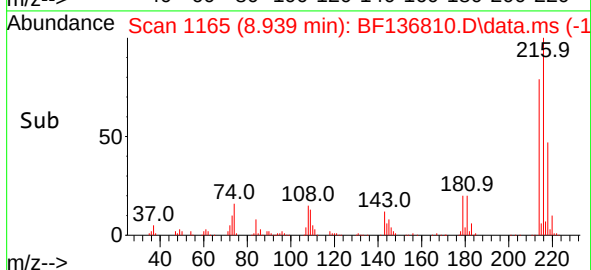
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

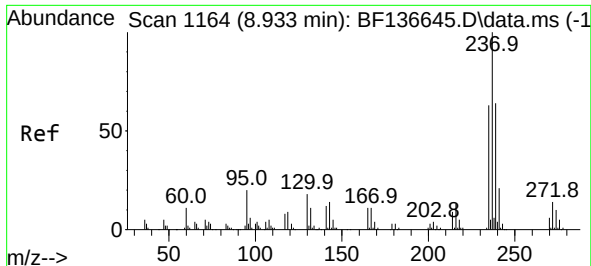


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.648 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55



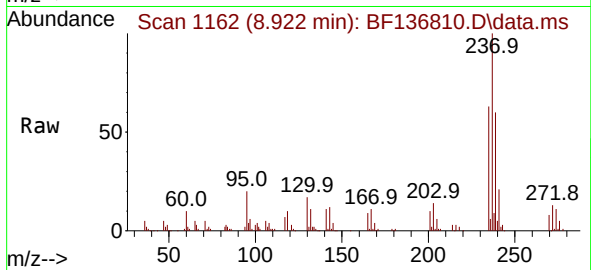
Tgt Ion:216 Resp: 163873
Ion Ratio Lower Upper
216 100
214 78.7 62.3 93.5
179 20.7 16.4 24.6
108 16.6 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 41.302 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

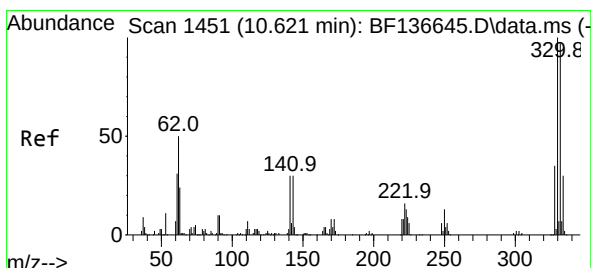
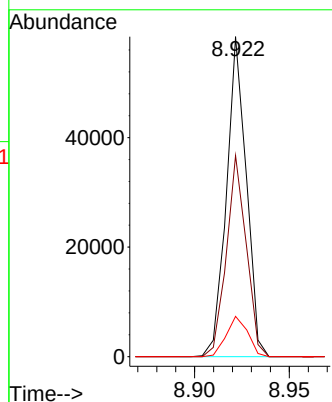
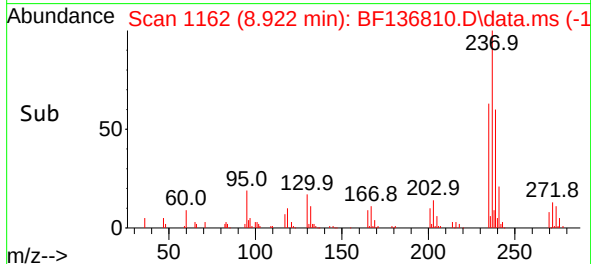
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



Tgt Ion:237 Resp: 42524
Ion Ratio Lower Upper
237 100
235 62.8 43.2 83.2
272 12.6 0.0 34.2

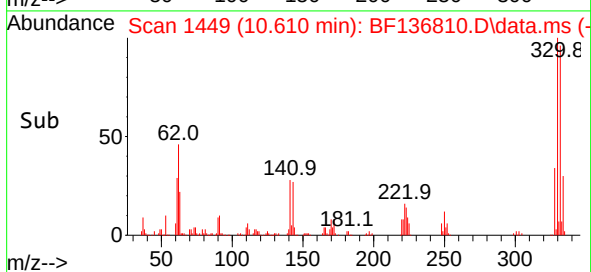
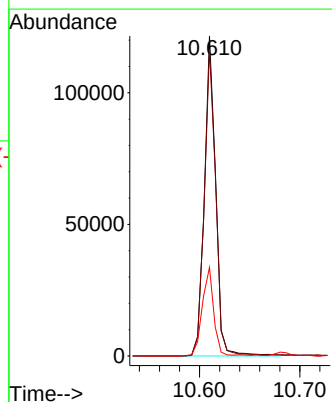
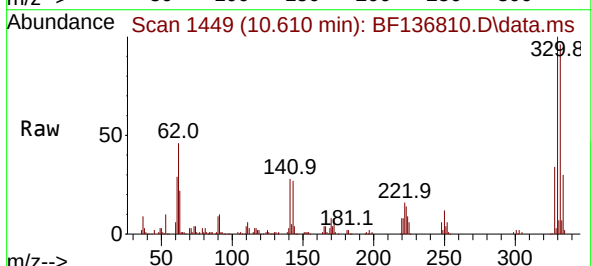
Manual Integrations
APPROVED

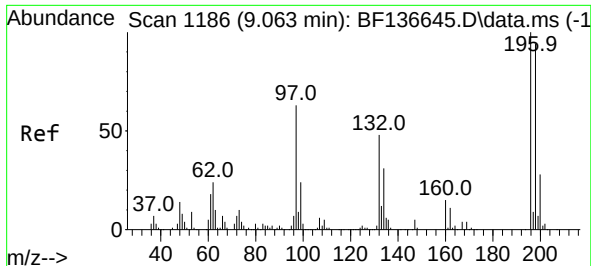
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#42
2,4,6-Tribromophenol
Concen: 72.974 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

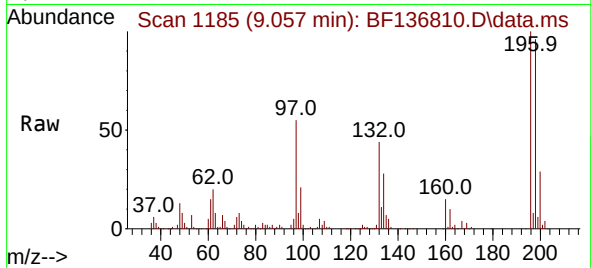
Tgt Ion:330 Resp: 95443
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.0
141 28.6 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 42.783 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

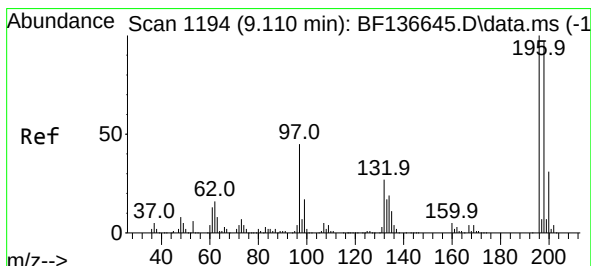
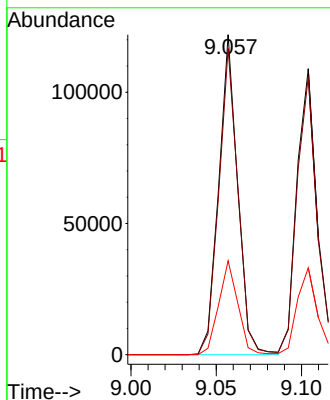
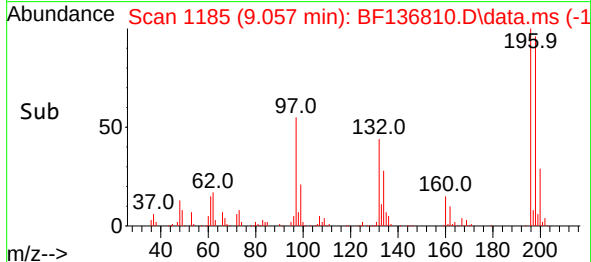
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



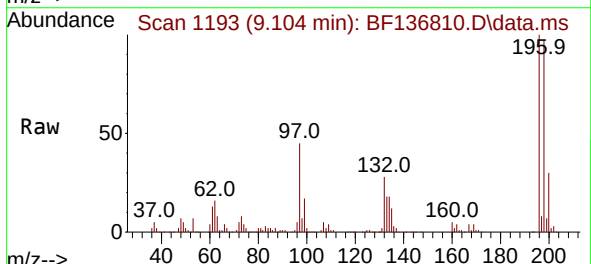
Tgt Ion:196 Resp: 9436
Ion Ratio Lower Upper
196 100
198 95.7 75.1 112.7
200 29.4 22.5 33.7

Manual Integrations
APPROVED

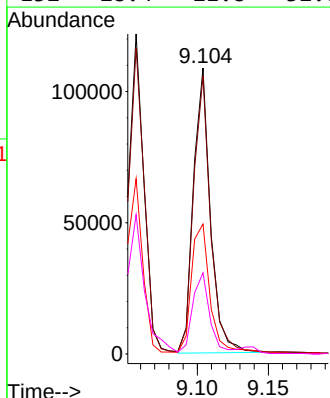
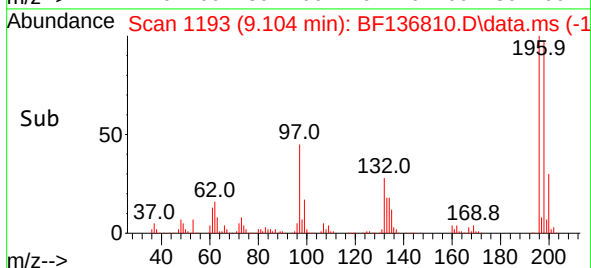
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

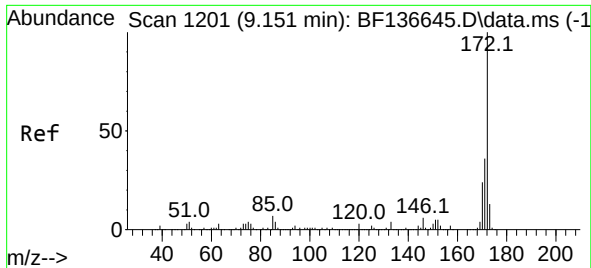


#44
2,4,5-Trichlorophenol
Concen: 36.970 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55



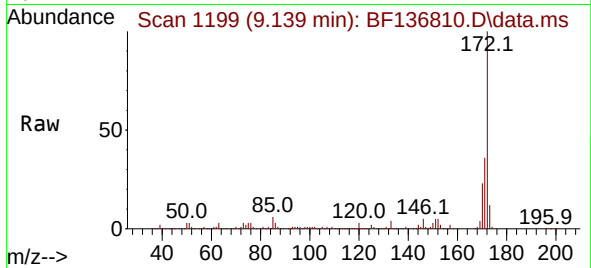
Tgt Ion:196 Resp: 90869
Ion Ratio Lower Upper
196 100
198 97.2 77.0 115.6
97 45.4 36.1 54.1
132 28.4 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 63.497 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

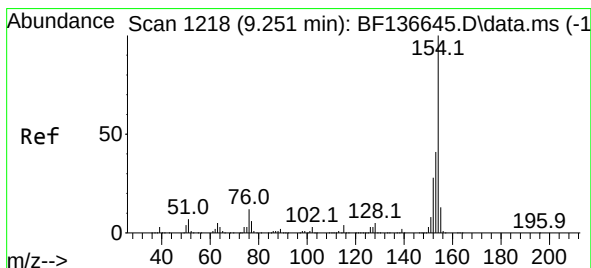
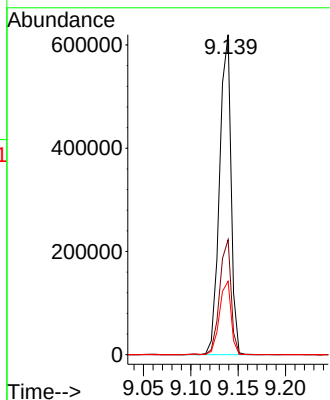
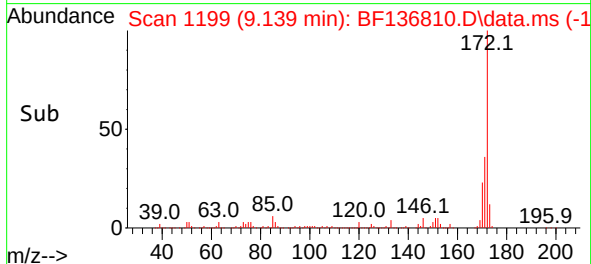
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



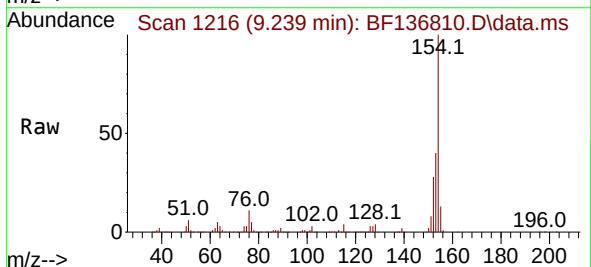
Tgt Ion:172 Resp: 52428
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 22.9 19.0 28.4

Manual Integrations
APPROVED

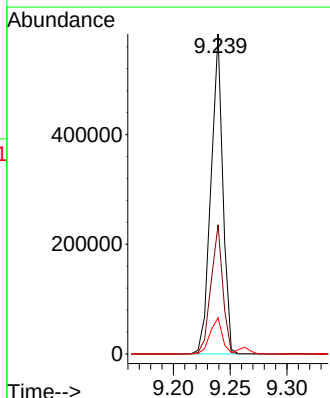
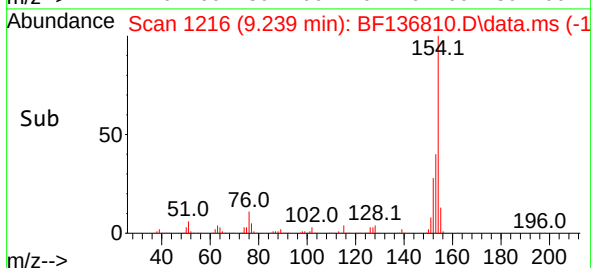
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

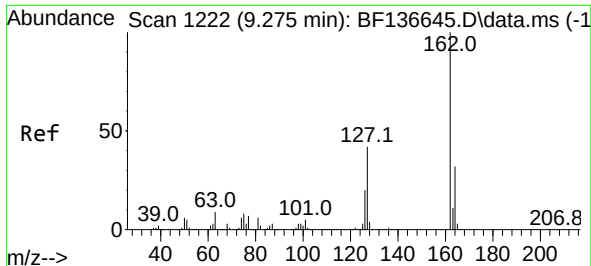


#46
1,1'-Biphenyl
Concen: 45.395 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55



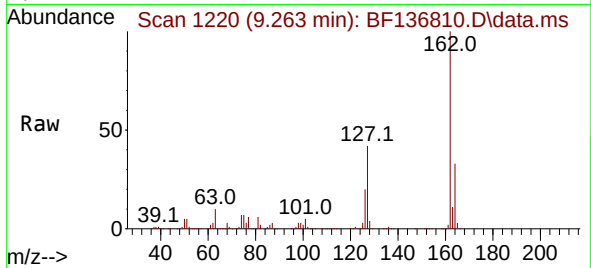
Tgt Ion:154 Resp: 423034
Ion Ratio Lower Upper
154 100
153 40.4 21.1 61.1
76 11.4 0.0 31.7





#47
2-Chloronaphthalene
Concen: 41.842 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

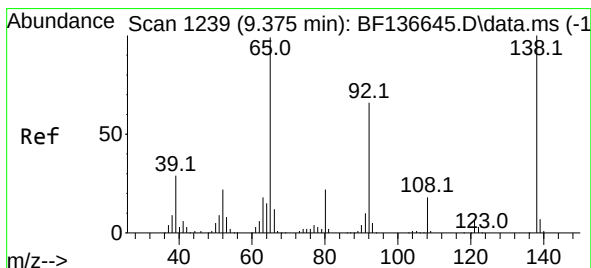
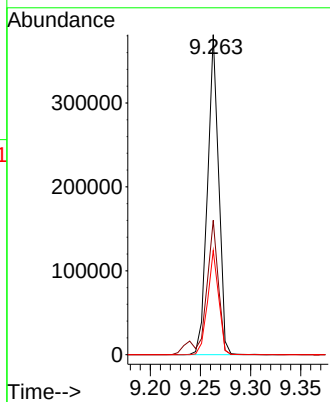
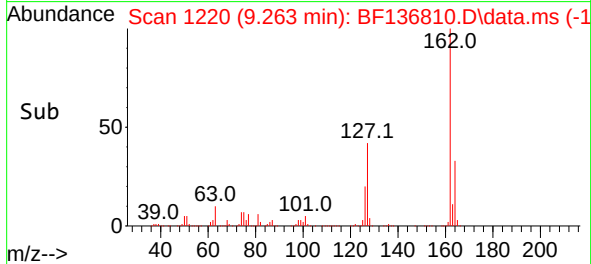
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



Tgt Ion:162 Resp: 296420
Ion Ratio Lower Upper
162 100
127 42.0 33.6 50.4
164 32.5 25.7 38.5

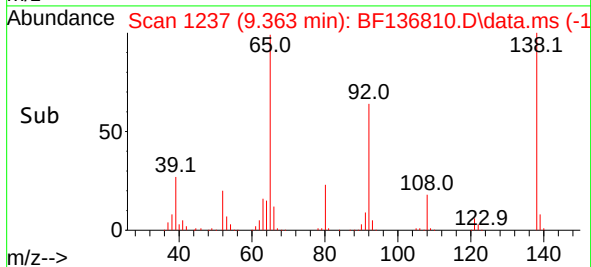
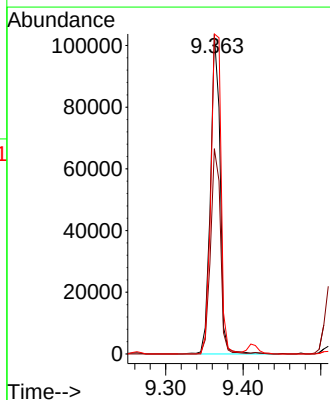
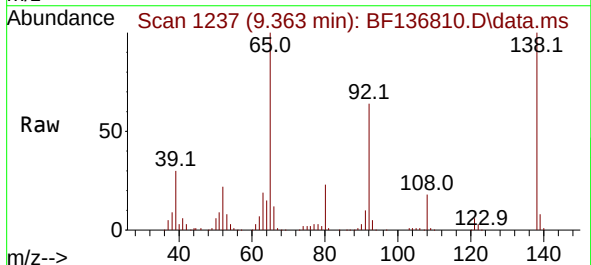
Manual Integrations
APPROVED

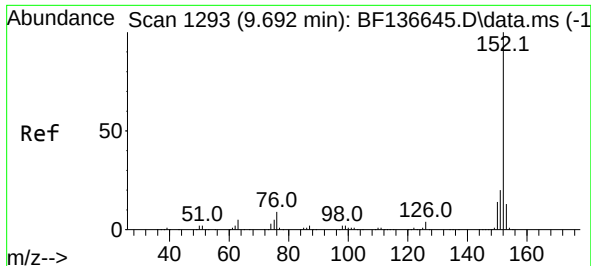
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#48
2-Nitroaniline
Concen: 40.250 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

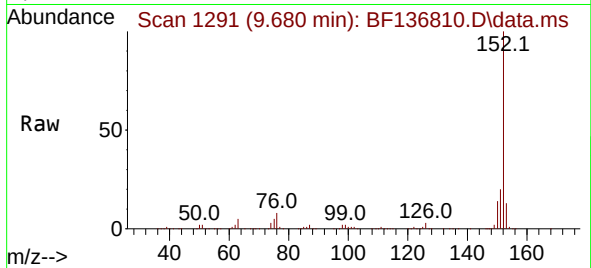
Tgt Ion: 65 Resp: 89294
Ion Ratio Lower Upper
65 100
92 64.2 53.2 79.8
138 100.1 81.1 121.7





#49
Acenaphthylene
Concen: 43.085 ng
RT: 9.680 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

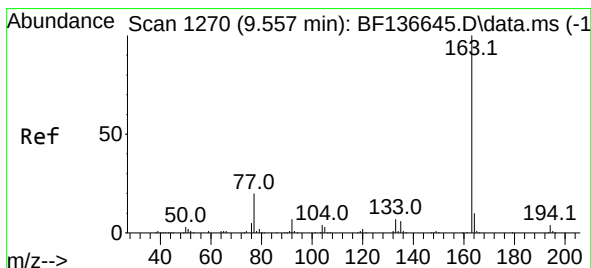
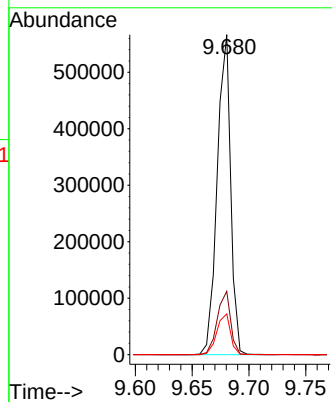
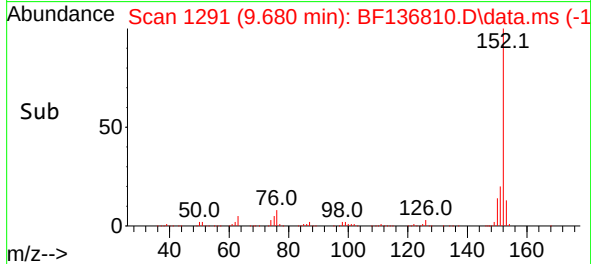
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



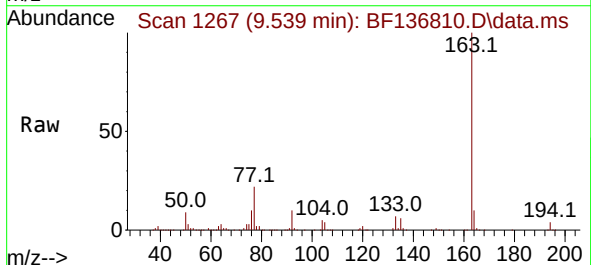
Tgt Ion:152 Resp: 466540
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 12.8 10.2 15.2

Manual Integrations
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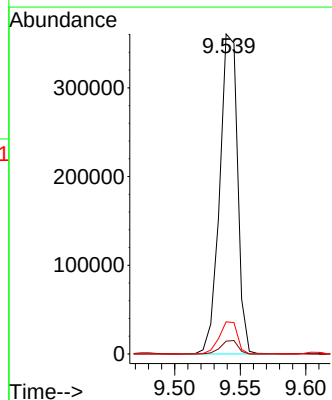
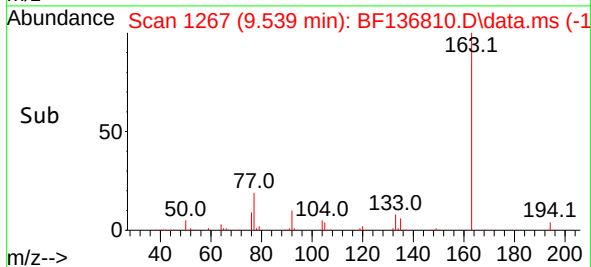
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

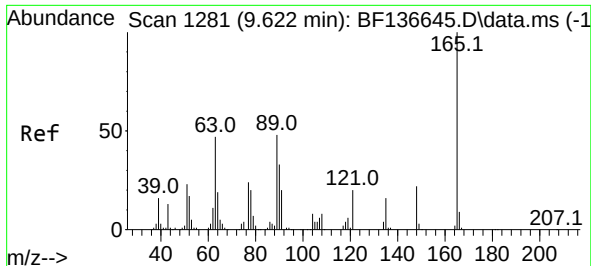


#50
Dimethylphthalate
Concen: 42.147 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.018 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55



Tgt Ion:163 Resp: 341880
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 7.8 11.6





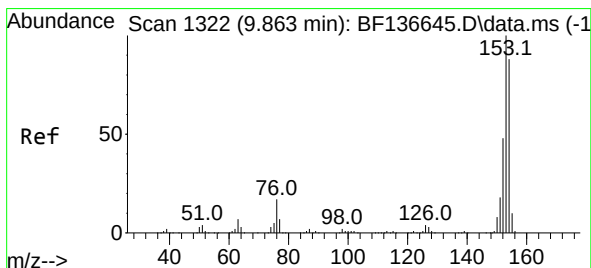
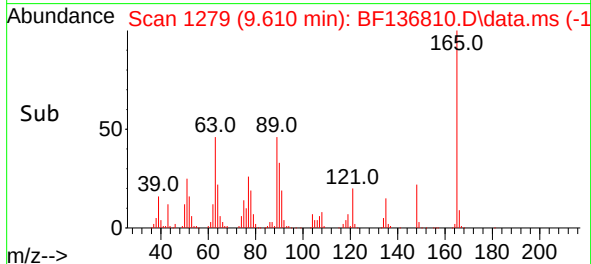
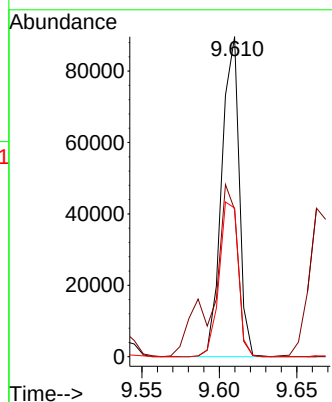
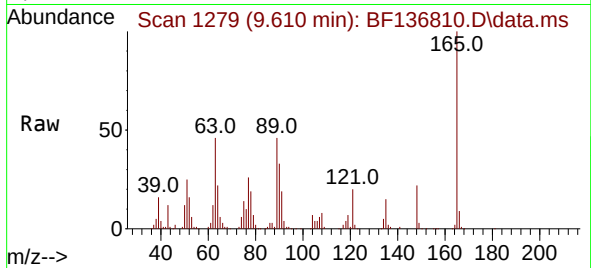
#51
2,6-Dinitrotoluene
Concen: 38.162 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :
BNA_F
ClientSampleId :
TP-35MSD

Tgt Ion:165 Resp: 70254
Ion Ratio Lower Upper
165 100
63 46.0 39.8 59.6
89 46.4 38.8 58.2

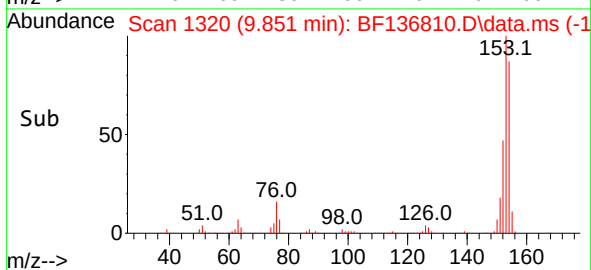
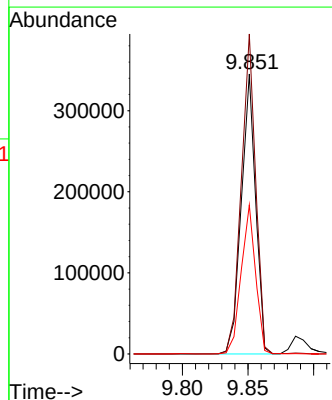
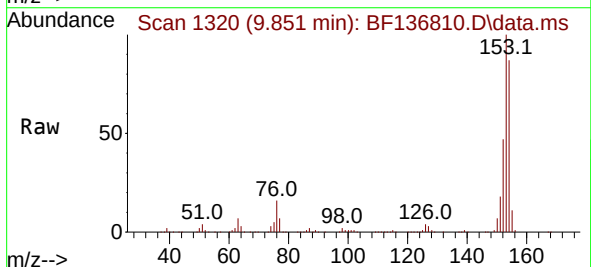
Manual Integrations
APPROVED

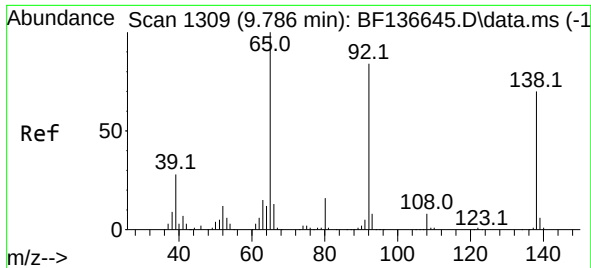
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#52
Acenaphthene
Concen: 39.388 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Tgt Ion:154 Resp: 264386
Ion Ratio Lower Upper
154 100
153 114.3 90.7 136.1
152 53.2 43.7 65.5





#53
3-Nitroaniline
Concen: 29.393 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :

BNA_F

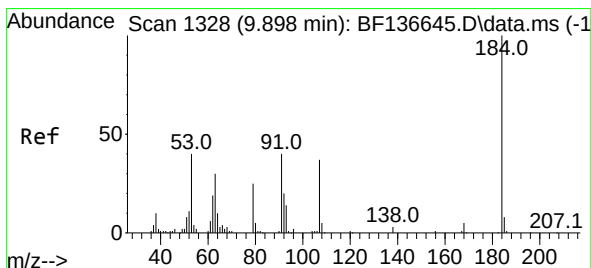
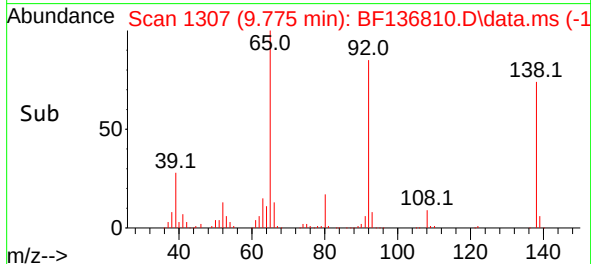
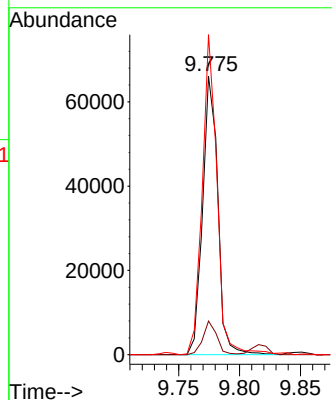
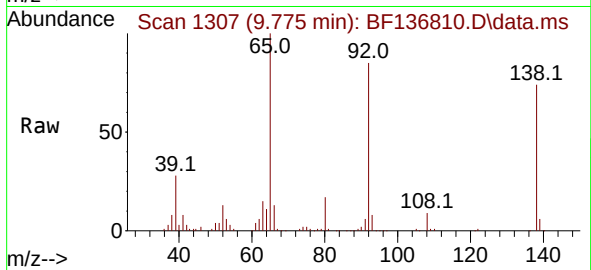
ClientSampleId :

TP-35MSD

Tgt Ion:138 Resp: 5732
Ion Ratio Lower Upper
138 100
108 12.1 8.6 12.8
92 114.9 95.2 142.8

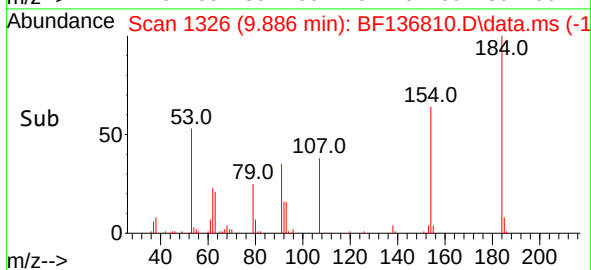
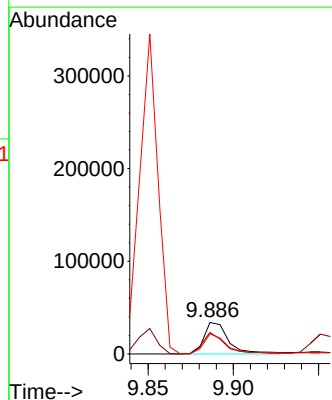
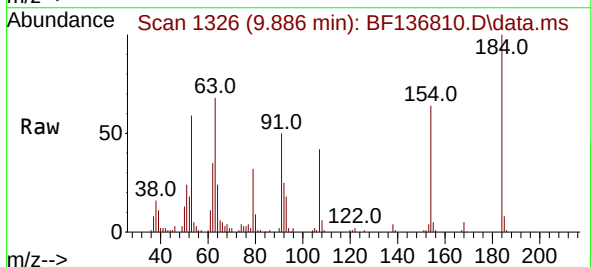
Manual Integrations
APPROVED

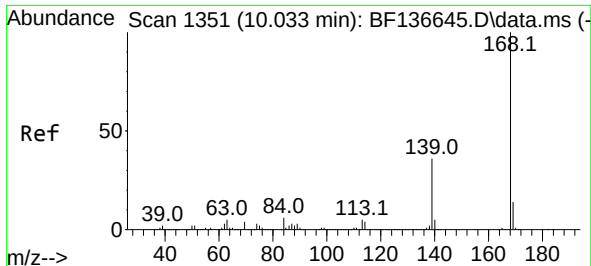
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#54
2,4-Dinitrophenol
Concen: 35.778 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

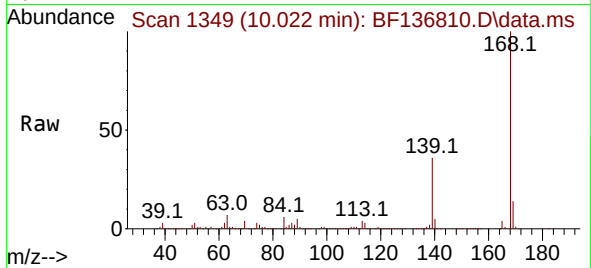
Tgt Ion:184 Resp: 34294
Ion Ratio Lower Upper
184 100
63 68.1 40.9 61.3#
154 64.2 42.7 64.1#





#55
Dibenzofuran
Concen: 39.388 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

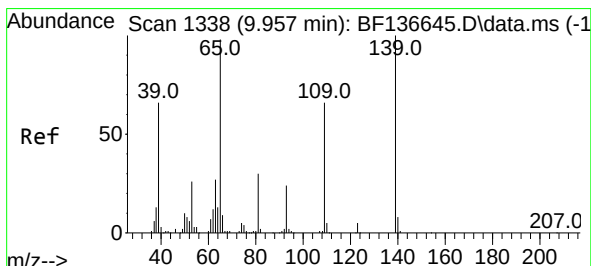
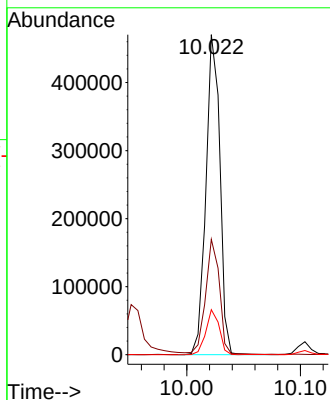
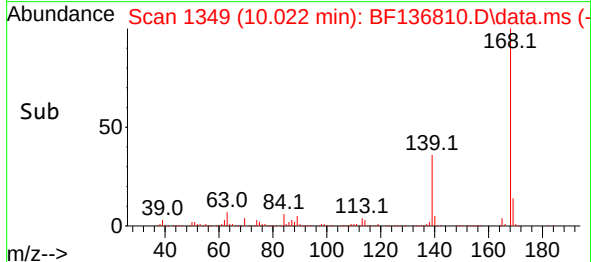
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



Tgt Ion:168 Resp: 400779
Ion Ratio Lower Upper
168 100
139 36.1 29.3 43.9
169 14.1 11.0 16.4

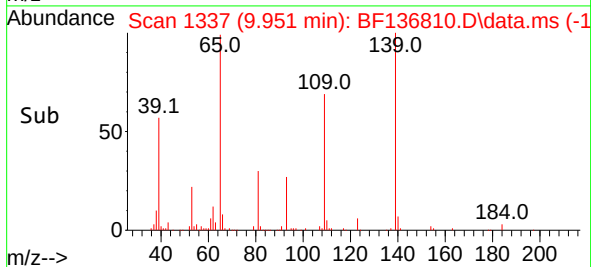
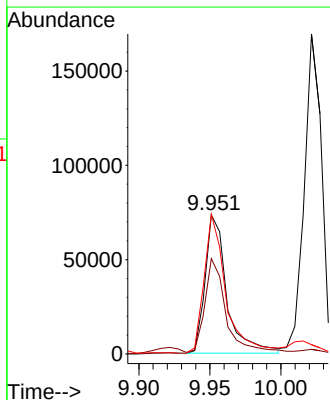
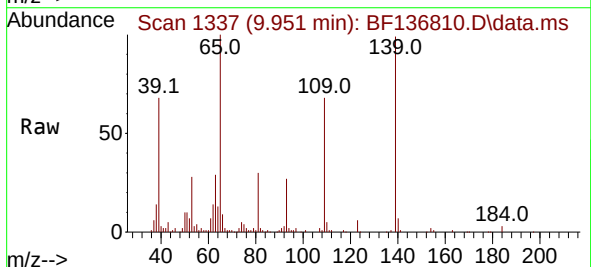
Manual Integrations
APPROVED

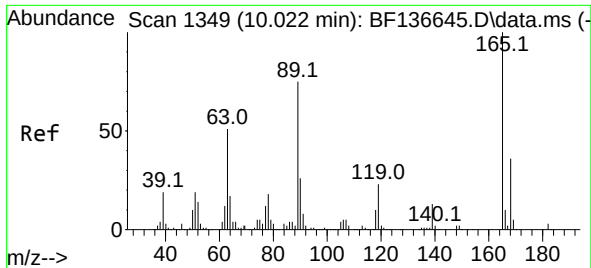
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#56
4-Nitrophenol
Concen: 59.357 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

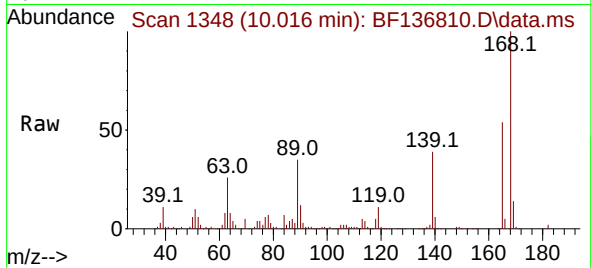
Tgt Ion:139 Resp: 78141
Ion Ratio Lower Upper
139 100
109 68.6 45.8 85.8
65 100.6 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 34.533 ng
RT: 10.016 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

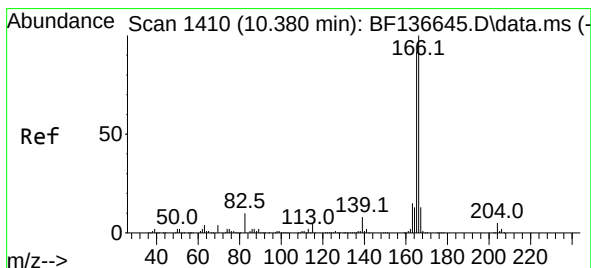
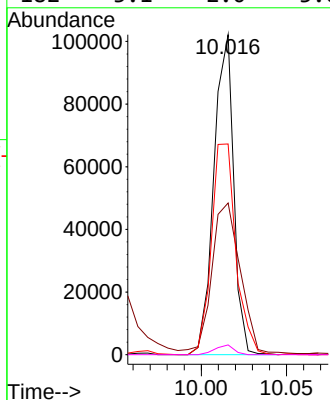
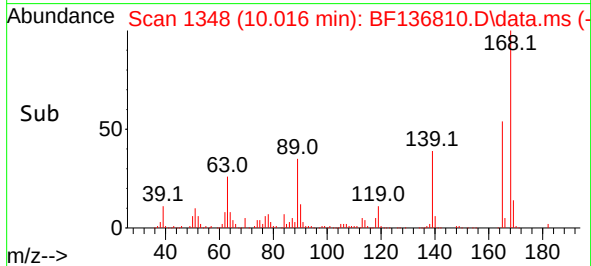
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



Tgt Ion:165 Resp: 8253
Ion Ratio Lower Upper
165 100
63 47.4 41.0 61.6
89 65.9 59.9 89.9
182 3.1 2.0 3.0#

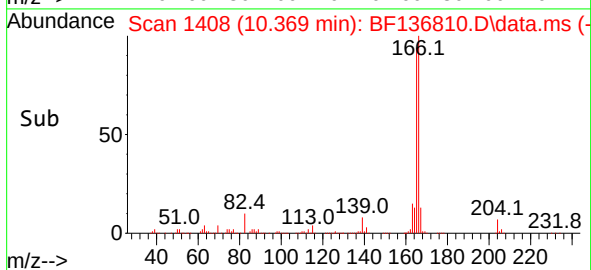
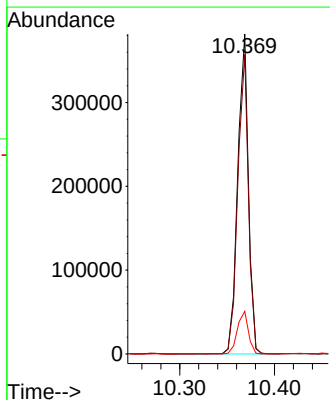
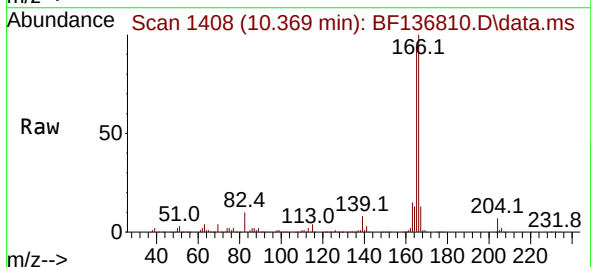
Manual Integrations
APPROVED

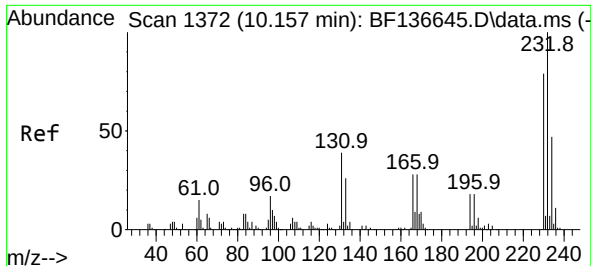
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#58
Fluorene
Concen: 37.017 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

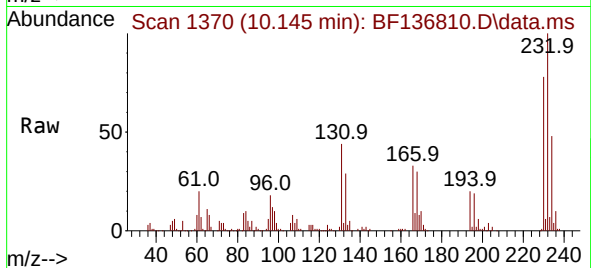
Tgt Ion:166 Resp: 298855
Ion Ratio Lower Upper
166 100
165 93.6 73.7 110.5
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.949 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

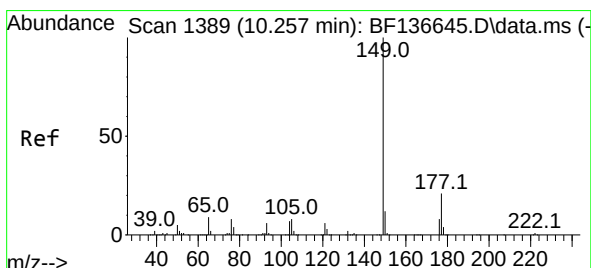
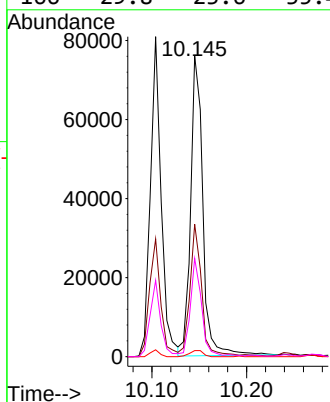
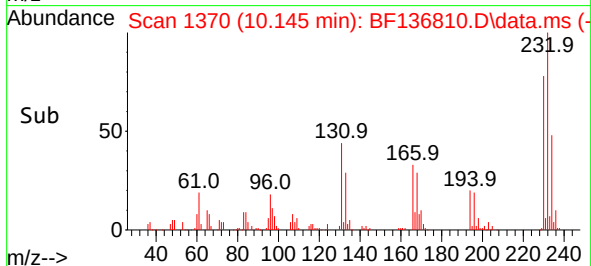
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



Tgt Ion:232 Resp: 6801
Ion Ratio Lower Upper
232 100
131 42.5 35.1 52.7
130 2.3 1.6 2.4
166 29.8 23.6 35.4

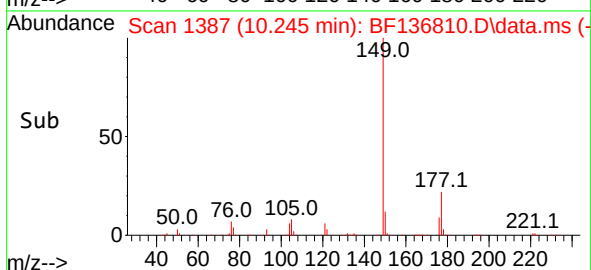
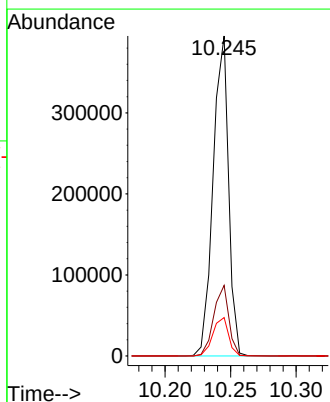
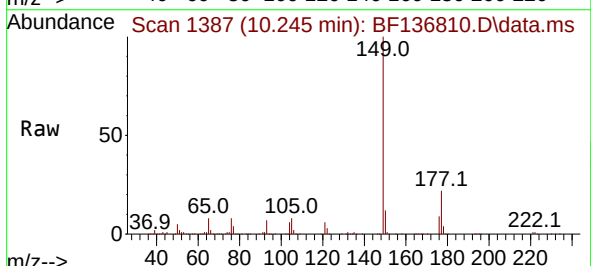
Manual Integrations
APPROVED

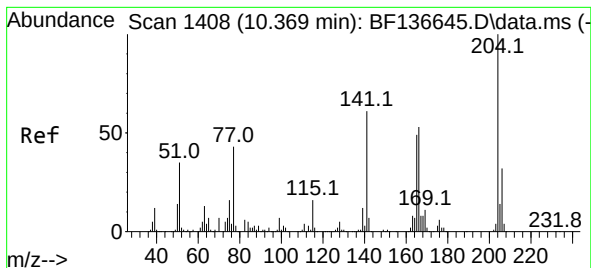
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#60
Diethylphthalate
Concen: 38.429 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

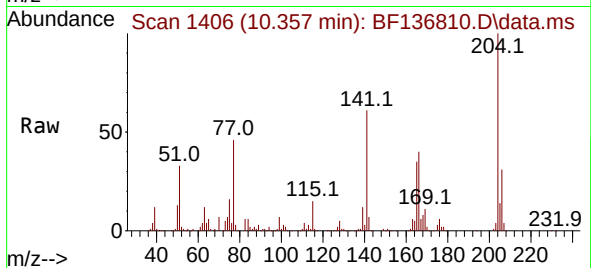
Tgt Ion:149 Resp: 323426
Ion Ratio Lower Upper
149 100
177 22.1 16.9 25.3
150 12.0 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 37.590 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

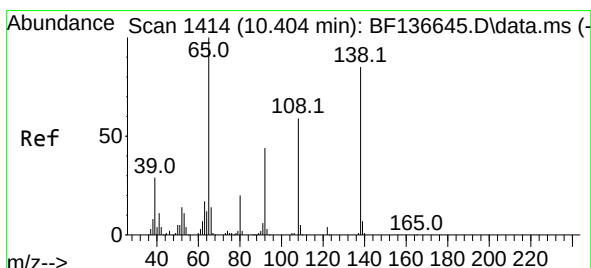
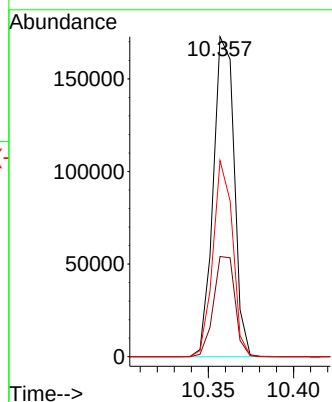
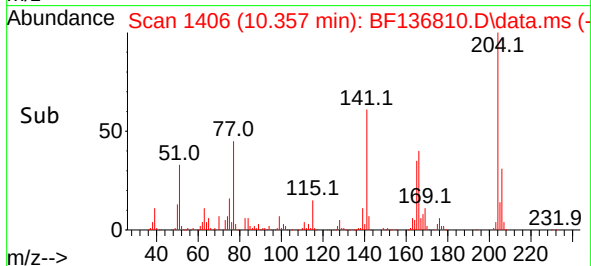
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



Tgt Ion:204 Resp: 147512
Ion Ratio Lower Upper
204 100
206 31.3 25.6 38.4
141 61.3 48.4 72.6

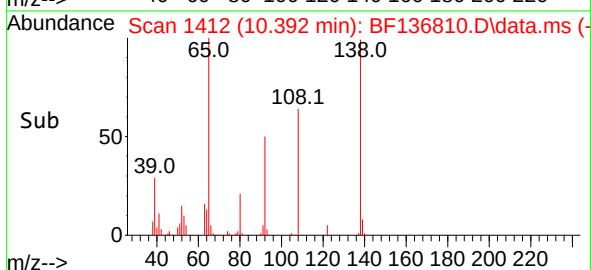
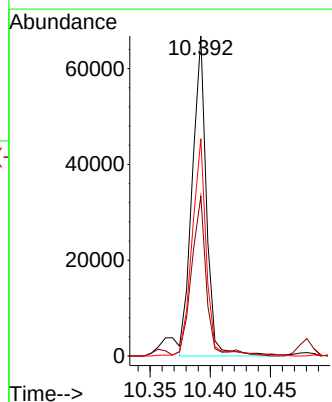
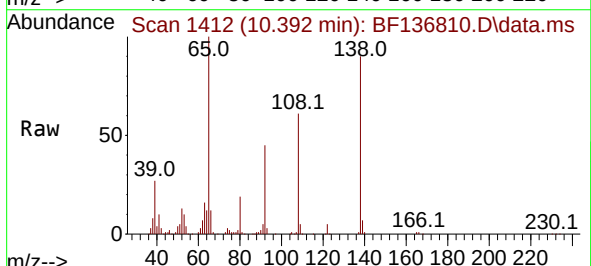
Manual Integrations
APPROVED

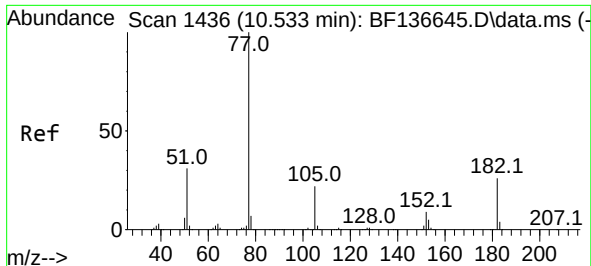
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#62
4-Nitroaniline
Concen: 29.272 ng m
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Tgt Ion:138 Resp: 55030
Ion Ratio Lower Upper
138 100
92 49.9 32.1 72.1
108 67.9 50.1 90.1





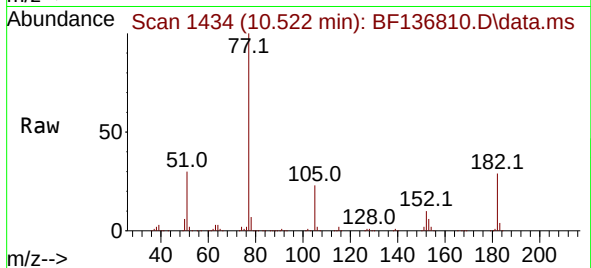
#63
Azobenzene
Concen: 34.567 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :

BNA_F

ClientSampleId :

TP-35MSD



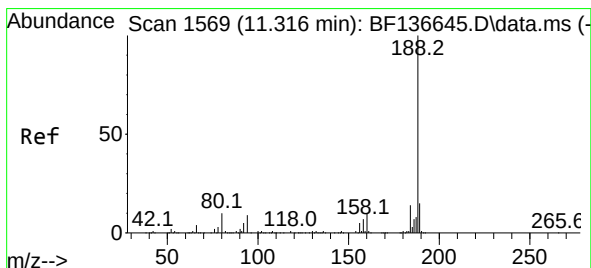
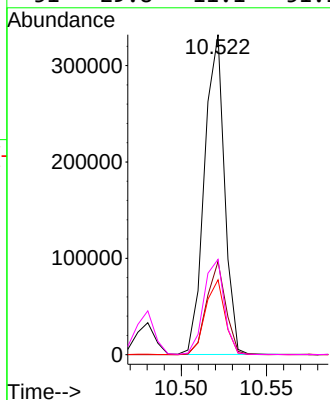
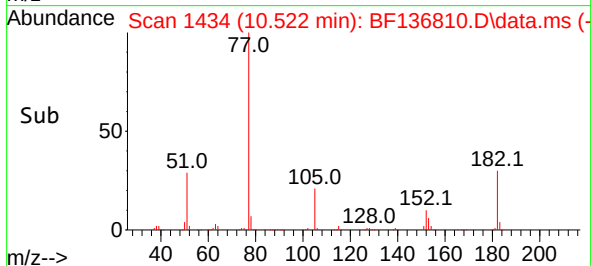
Tgt Ion: 77 Resp: 27172
Ion Ratio Lower Upper
77 100
182 29.1 6.0 46.0
105 23.4 2.3 42.3
51 29.8 11.1 51.1

Manual Integrations

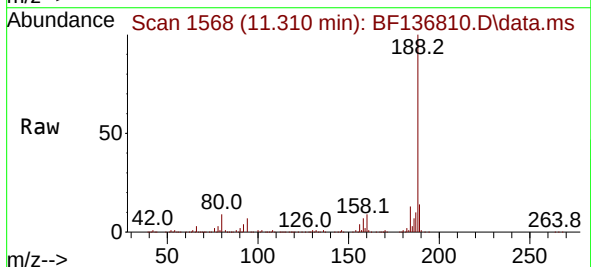
APPROVED

Reviewed By :Yogesh Patel 12/29/2023

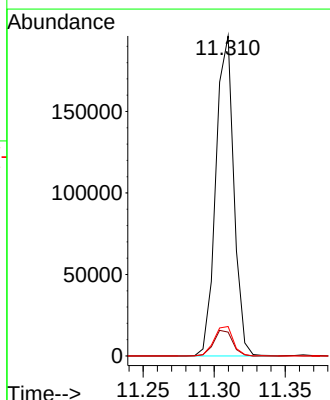
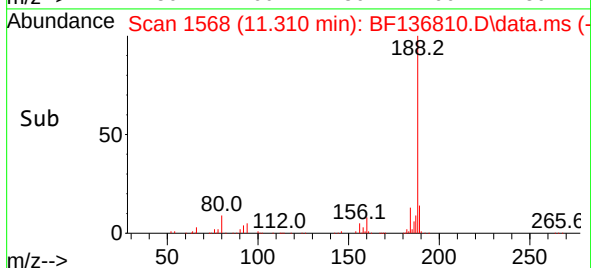
Supervised By :mohammad ahmed 12/29/2023

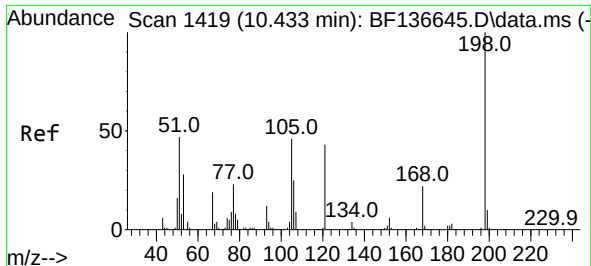


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55



Tgt Ion:188 Resp: 172458
Ion Ratio Lower Upper
188 100
94 7.5 7.5 11.3#
80 9.2 8.1 12.1





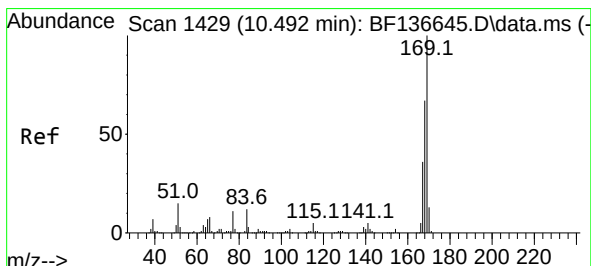
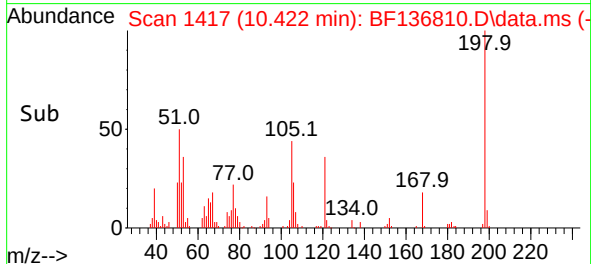
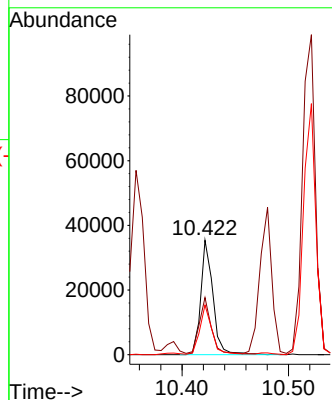
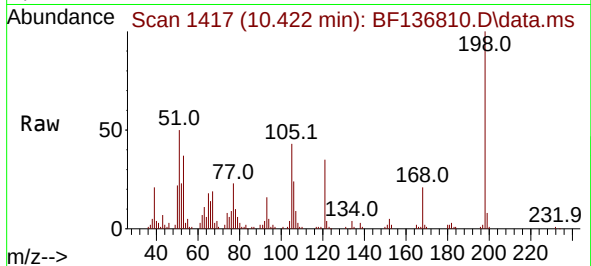
#65
4,6-Dinitro-2-methylphenol
Concen: 28.500 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :
BNA_F
ClientSampleId :
TP-35MSD

Tgt Ion:198 Resp: 2816
Ion Ratio Lower Upper
198 100
51 50.0 34.1 74.1
105 43.4 27.3 67.3

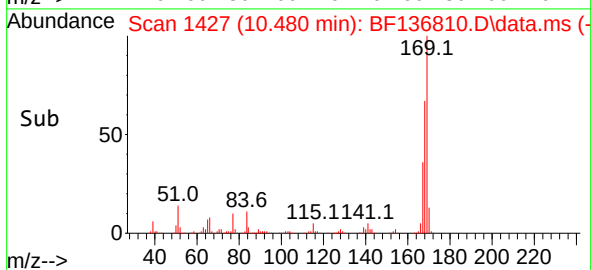
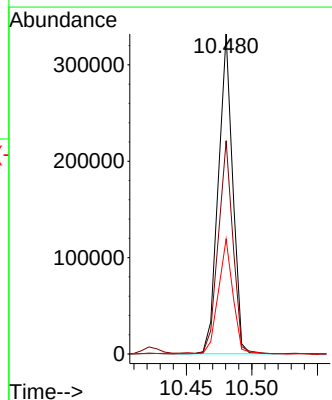
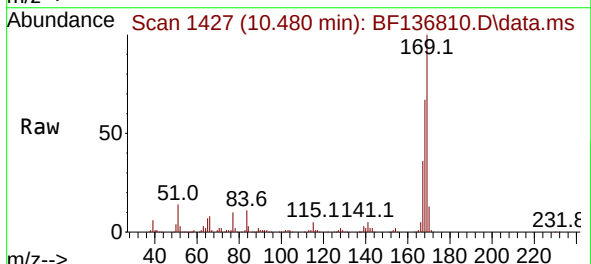
Manual Integrations
APPROVED

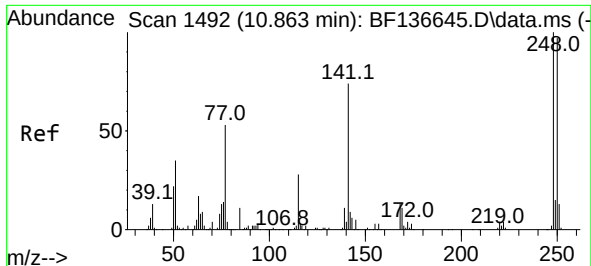
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#66
n-Nitrosodiphenylamine
Concen: 45.063 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

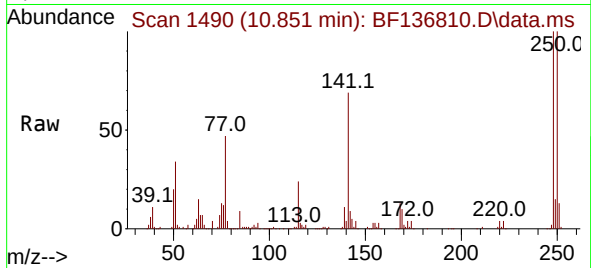
Tgt Ion:169 Resp: 252453
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.6
167 35.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 42.486 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

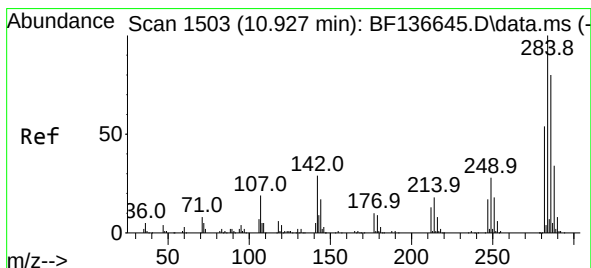
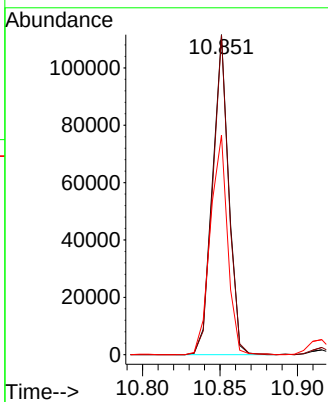
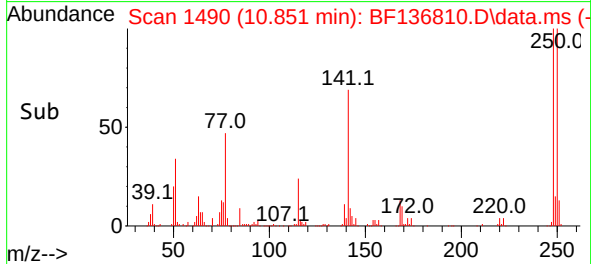
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



Tgt Ion:248 Resp: 81372
Ion Ratio Lower Upper
248 100
250 99.8 77.8 116.6
141 68.6 59.2 88.8

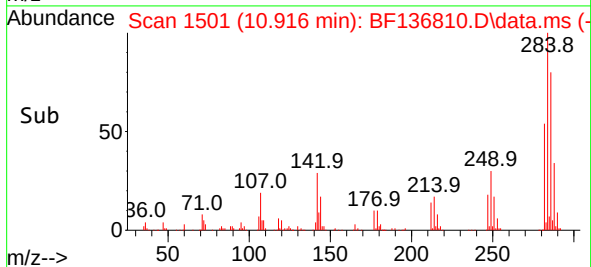
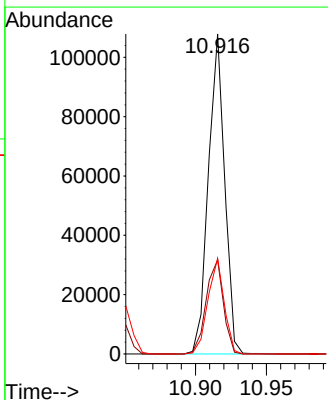
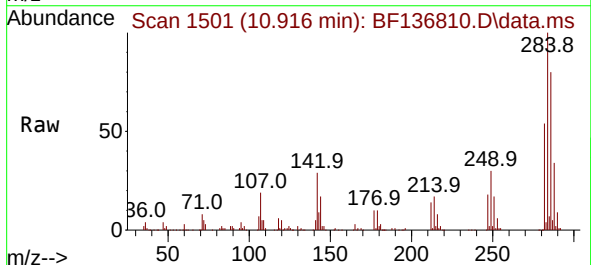
Manual Integrations
APPROVED

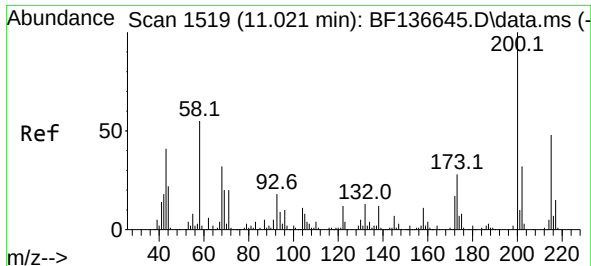
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#68
Hexachlorobenzene
Concen: 40.282 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

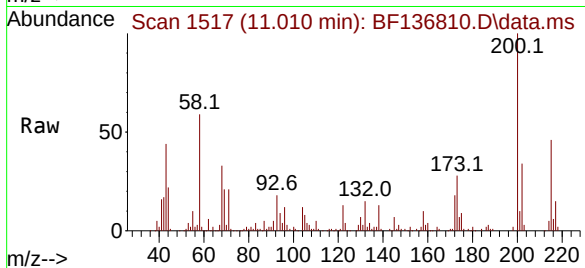
Tgt Ion:284 Resp: 85978
Ion Ratio Lower Upper
284 100
142 29.4 23.4 35.0
249 29.9 22.3 33.5





#69
 Atrazine
 Concen: 52.722 ng
 RT: 11.010 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF136810.D
 Acq: 28 Dec 2023 23:55

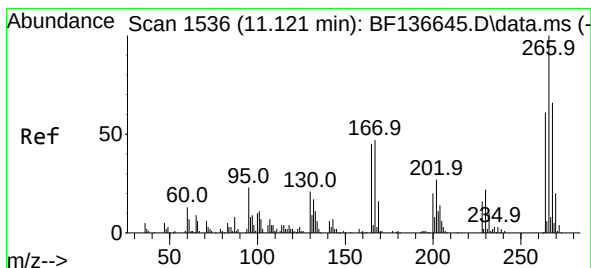
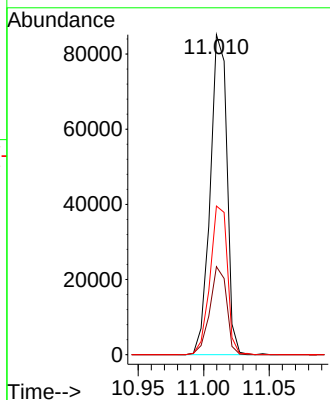
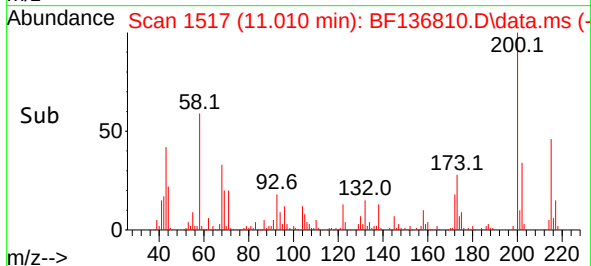
Instrument :
 BNA_F
 ClientSampleId :
 TP-35MSD



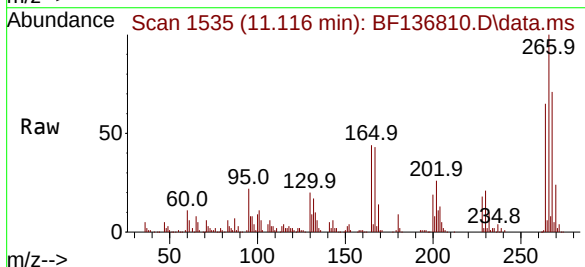
Tgt Ion:200 Resp: 75544
 Ion Ratio Lower Upper
 200 100
 173 27.5 7.6 47.6
 215 46.4 28.3 68.3

Manual Integrations
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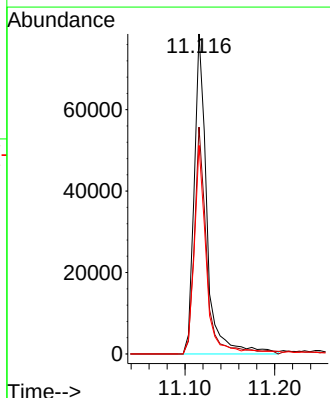
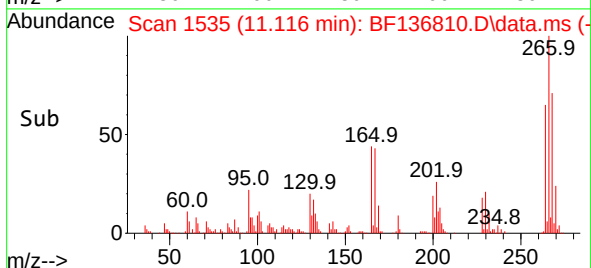
Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

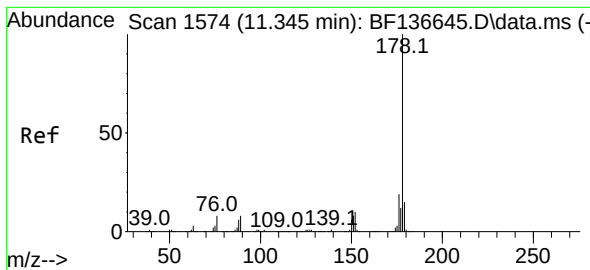


#70
 Pentachlorophenol
 Concen: 77.571 ng
 RT: 11.116 min Scan# 1535
 Delta R.T. -0.006 min
 Lab File: BF136810.D
 Acq: 28 Dec 2023 23:55



Tgt Ion:266 Resp: 77173
 Ion Ratio Lower Upper
 266 100
 268 70.9 52.6 78.8
 264 65.2 49.0 73.4





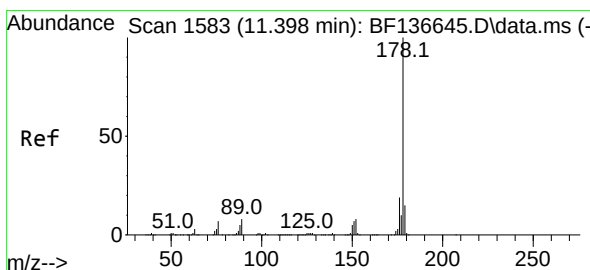
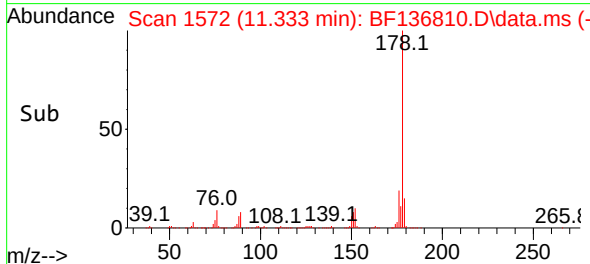
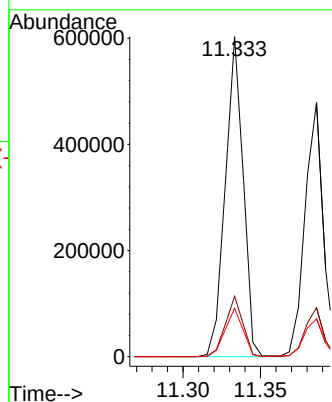
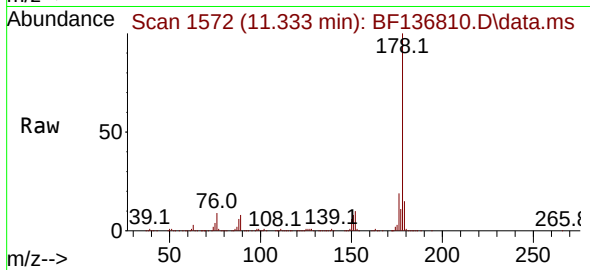
#71
Phenanthrene
Concen: 54.575 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :
BNA_F
ClientSampleId :
TP-35MSD

Tgt Ion:178 Resp: 482929
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.2 11.9 17.9

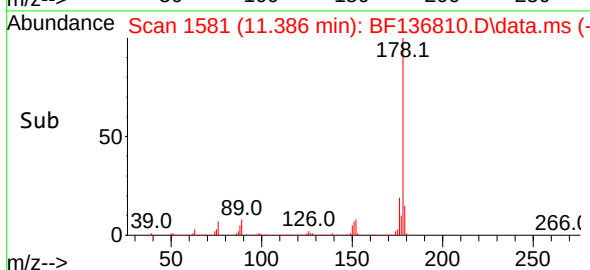
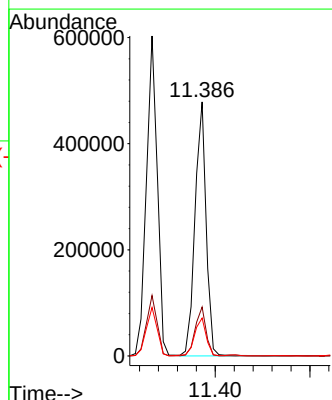
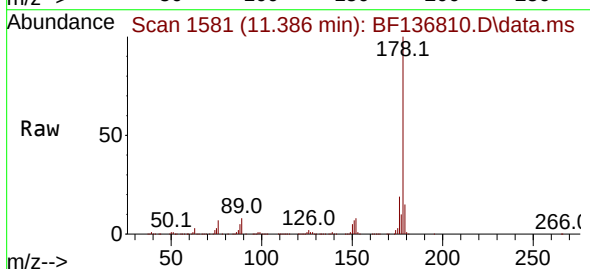
Manual Integrations
APPROVED

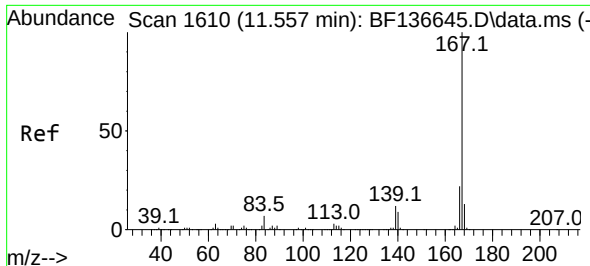
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#72
Anthracene
Concen: 43.727 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

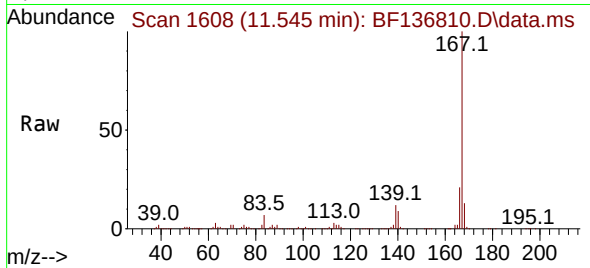
Tgt Ion:178 Resp: 391862
Ion Ratio Lower Upper
178 100
176 19.3 14.9 22.3
179 14.9 11.8 17.6





#73
Carbazole
Concen: 42.413 ng
RT: 11.545 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

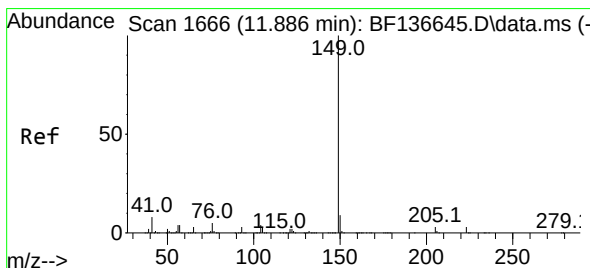
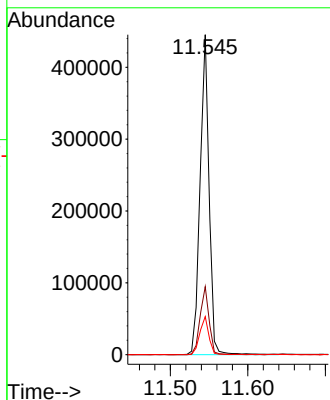
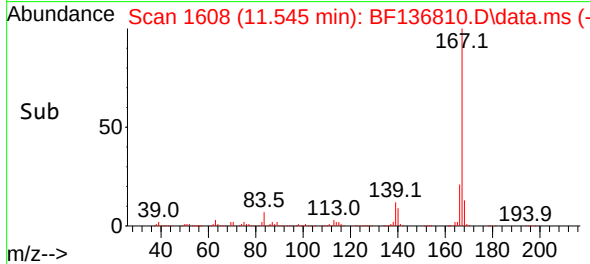
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



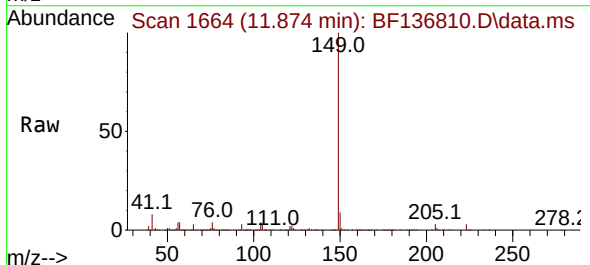
Tgt Ion:167 Resp: 358350
Ion Ratio Lower Upper
167 100
166 21.3 17.3 25.9
139 11.9 9.8 14.6

Manual Integrations
APPROVED

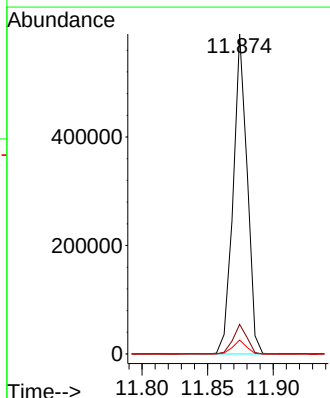
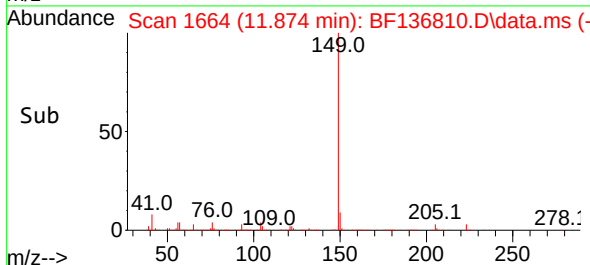
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

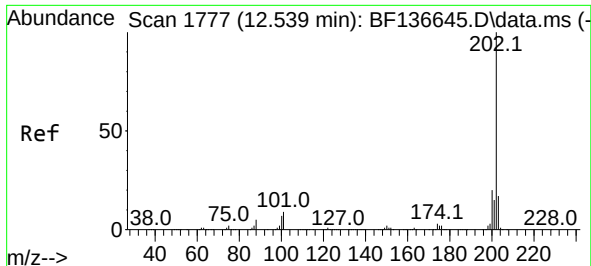


#74
Di-n-butylphthalate
Concen: 42.532 ng
RT: 11.874 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55



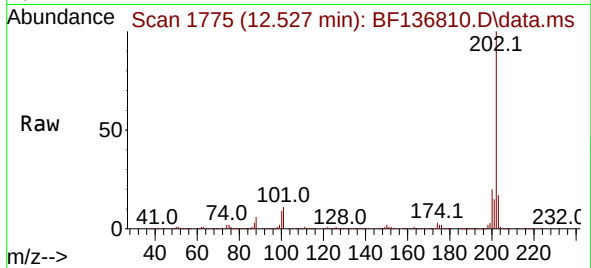
Tgt Ion:149 Resp: 438501
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 64.620 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

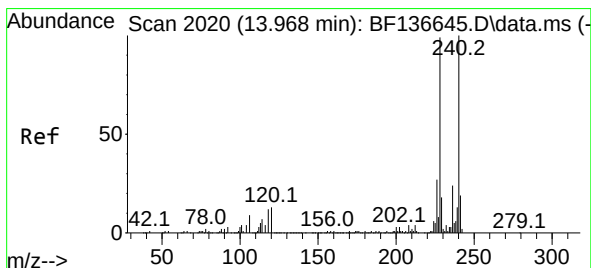
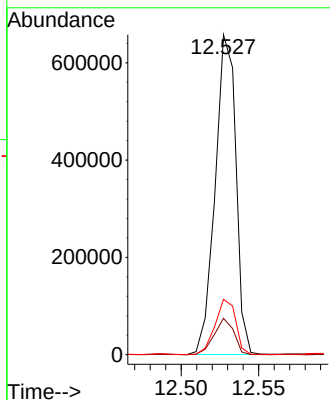
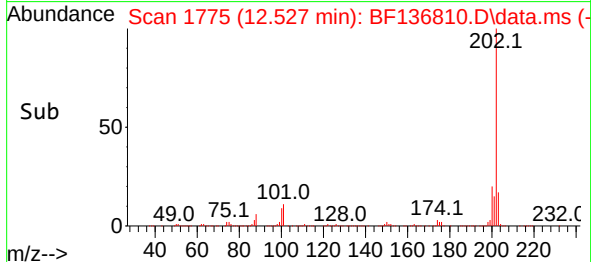
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



Tgt Ion:202 Resp: 61165
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.3
203 17.3 0.0 37.1

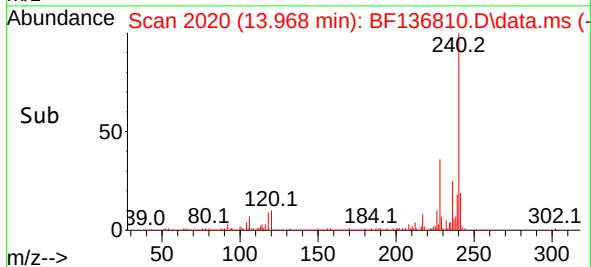
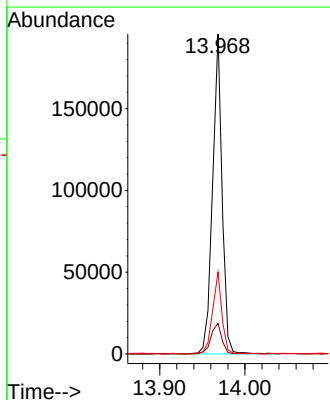
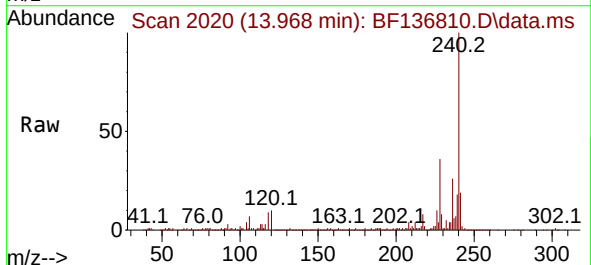
Manual Integrations
APPROVED

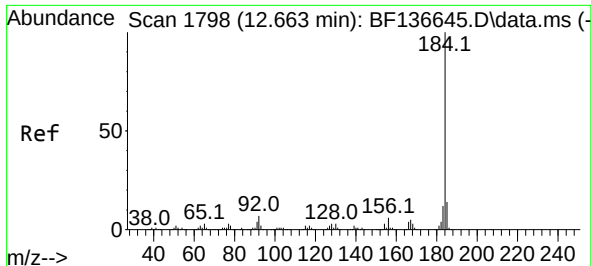
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Tgt Ion:240 Resp: 153041
Ion Ratio Lower Upper
240 100
120 9.6 10.3 15.5#
236 25.6 19.4 29.2





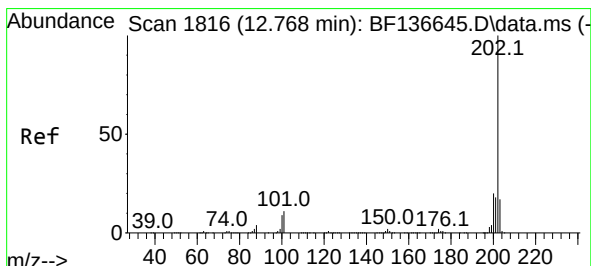
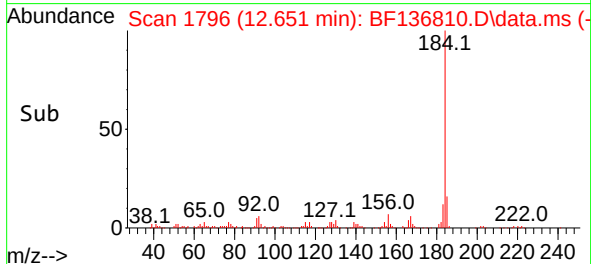
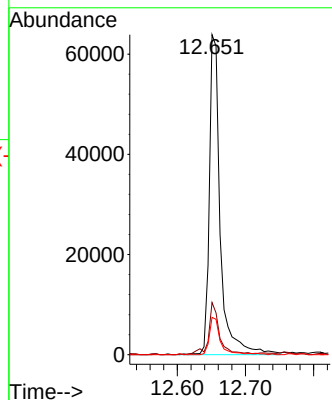
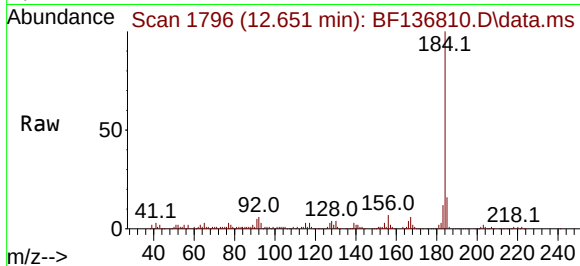
#77
Benzidine
Concen: 15.843 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :
BNA_F
ClientSampleId :
TP-35MSD

Tgt Ion:184 Resp: 7149
Ion Ratio Lower Upper
184 100
185 16.3 11.2 16.8
183 11.6 9.3 13.9

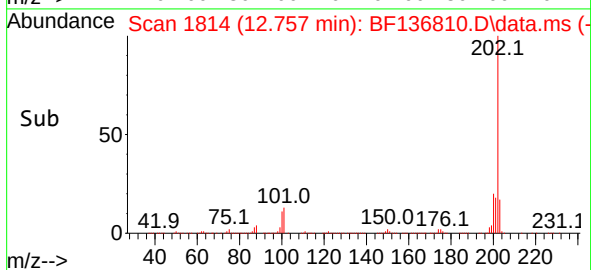
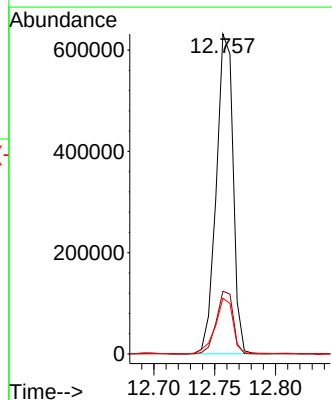
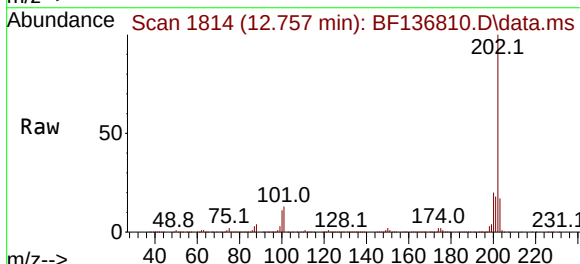
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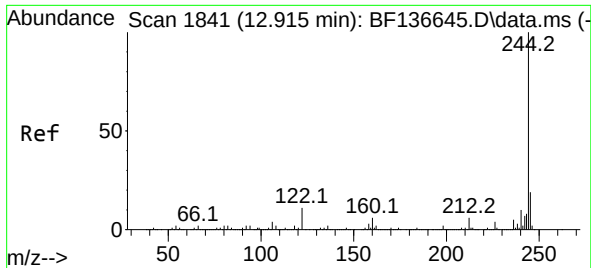
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#78
Pyrene
Concen: 40.532 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

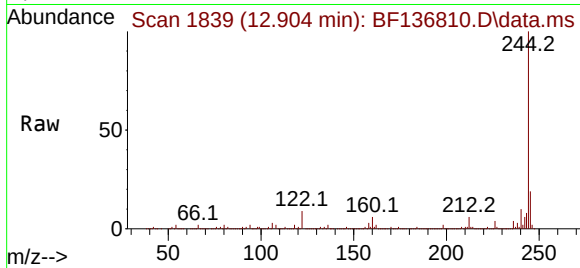
Tgt Ion:202 Resp: 608933
Ion Ratio Lower Upper
202 100
200 19.6 15.9 23.9
203 17.4 13.8 20.6





#79
 Terphenyl-d14
 Concen: 38.662 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136810.D
 Acq: 28 Dec 2023 23:55

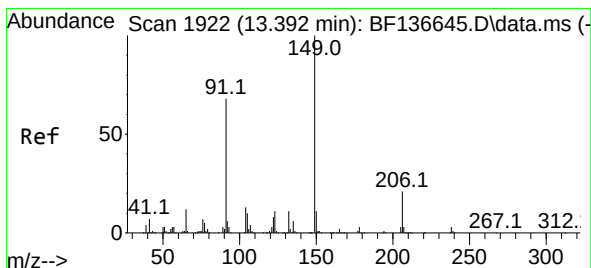
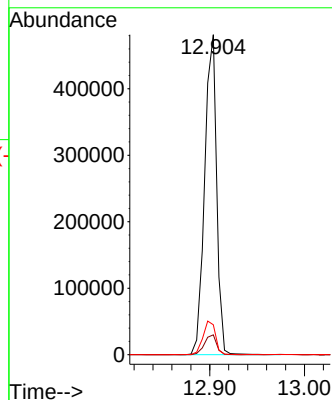
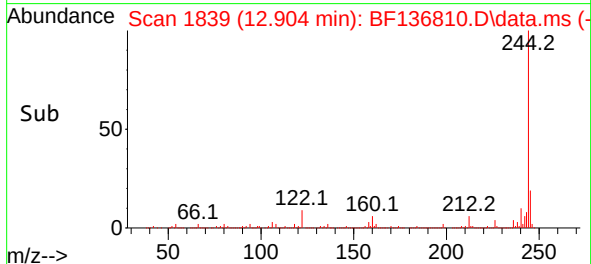
Instrument :
 BNA_F
 ClientSampleId :
 TP-35MSD



Tgt Ion:244 Resp: 423404
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.4 9.0 13.4

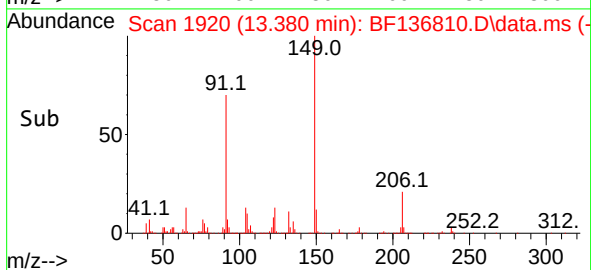
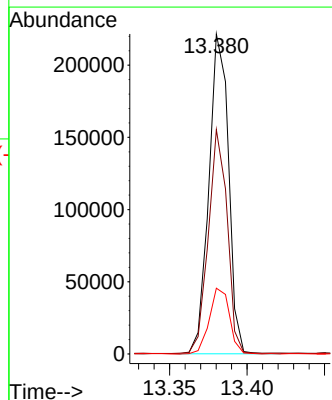
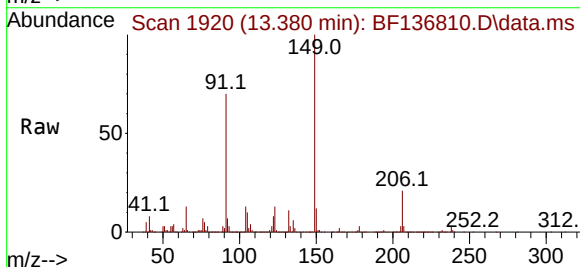
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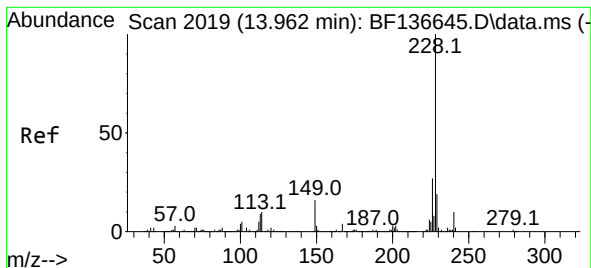
Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023



#80
 Butylbenzylphthalate
 Concen: 35.696 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.012 min
 Lab File: BF136810.D
 Acq: 28 Dec 2023 23:55

Tgt Ion:149 Resp: 195139
 Ion Ratio Lower Upper
 149 100
 91 70.1 54.1 81.1
 206 20.6 17.1 25.7





#81

Benzo(a)anthracene

Concen: 49.055 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA_F

ClientSampleId :

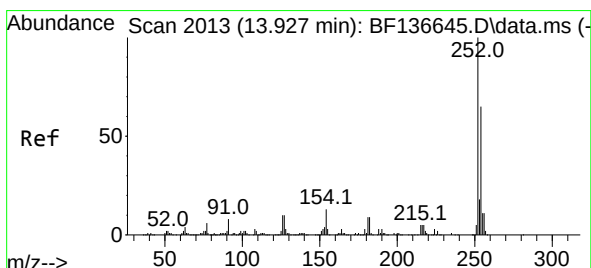
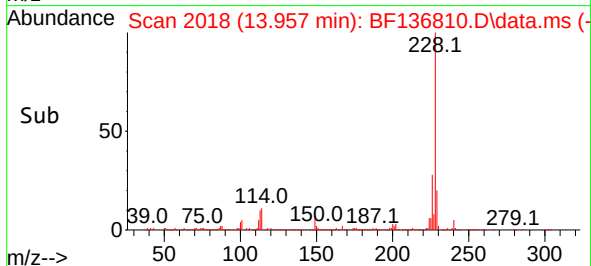
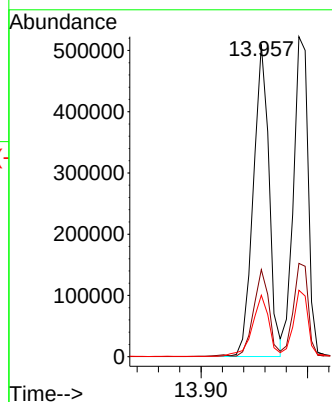
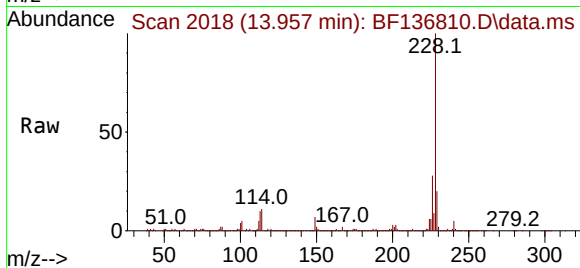
TP-35MSD

Tgt Ion:228 Resp: 521305
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.4 32.0
 229 19.7 14.9 22.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023



#82

3,3'-Dichlorobenzidine

Concen: 41.331 ng

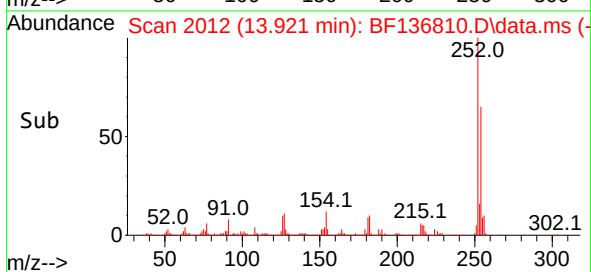
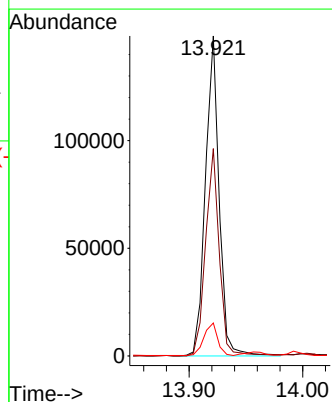
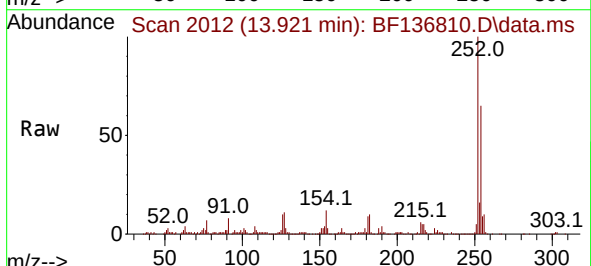
RT: 13.921 min Scan# 2012

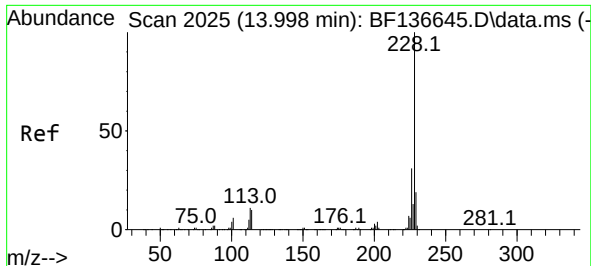
Delta R.T. -0.006 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Tgt Ion:252 Resp: 124736
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.2 78.4
 126 10.3 8.0 12.0





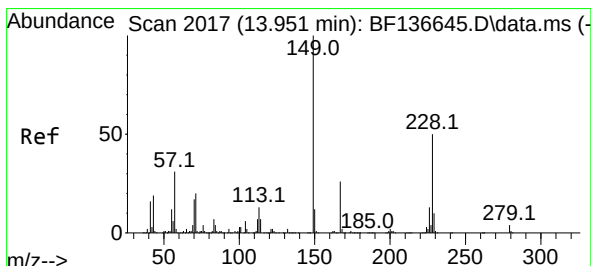
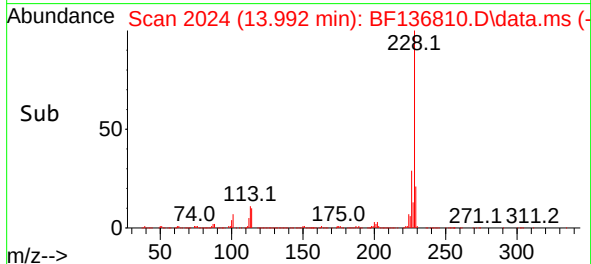
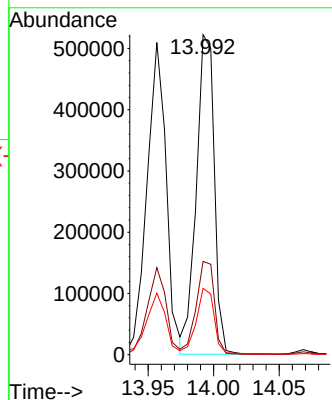
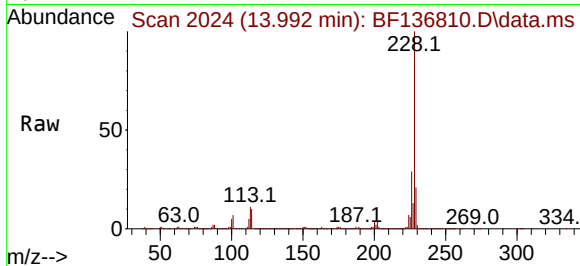
#83
Chrysene
Concen: 47.959 ng
RT: 13.992 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :
BNA_F
ClientSampleId :
TP-35MSD

Tgt Ion:228 Resp: 498390
Ion Ratio Lower Upper
228 100
226 29.2 24.7 37.1
229 20.8 15.4 23.0

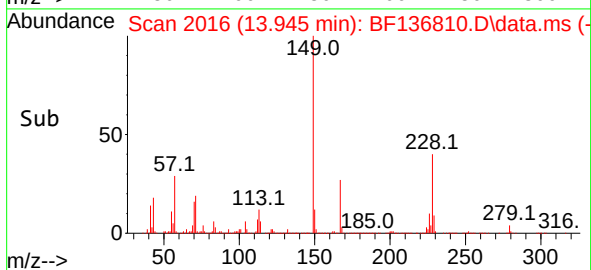
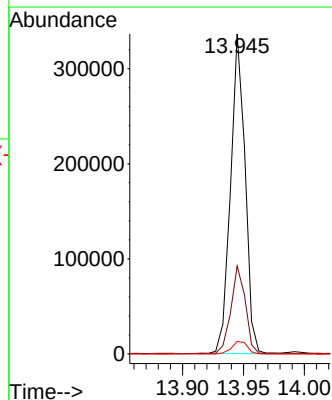
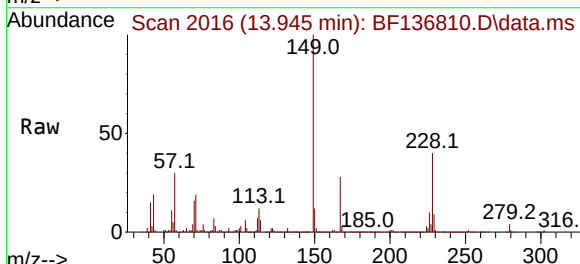
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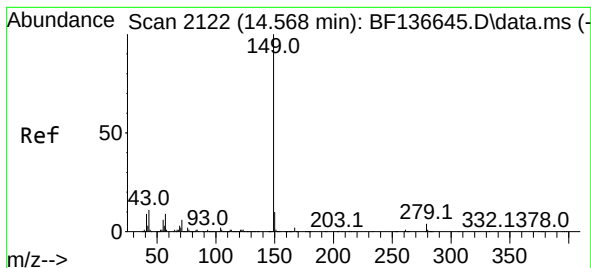
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.695 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Tgt Ion:149 Resp: 279902
Ion Ratio Lower Upper
149 100
167 27.5 20.9 31.3
279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 48.978 ng

RT: 14.562 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA_F

ClientSampleId :

TP-35MSD

Tgt Ion:149 Resp: 521088

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

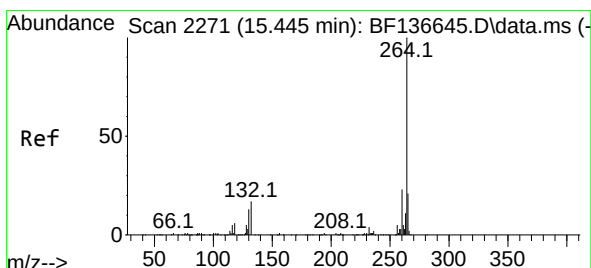
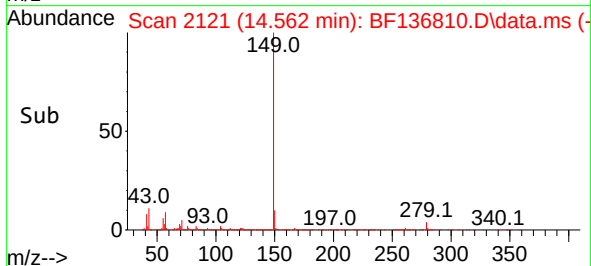
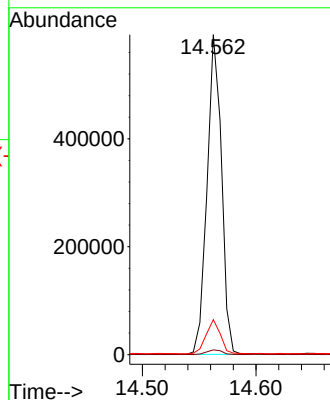
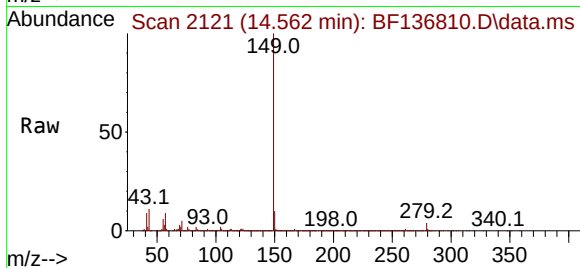
43 10.5 8.9 13.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

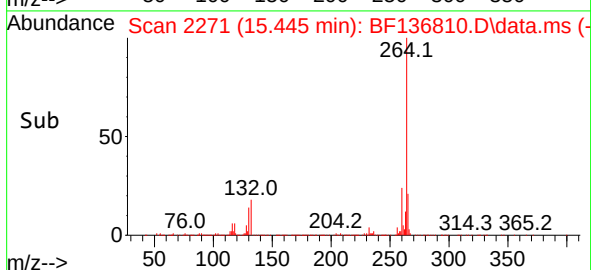
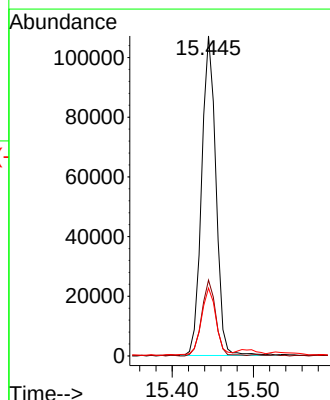
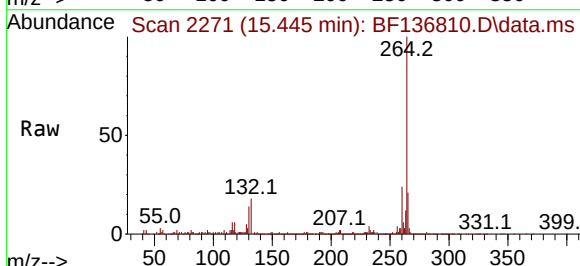
Tgt Ion:264 Resp: 130923

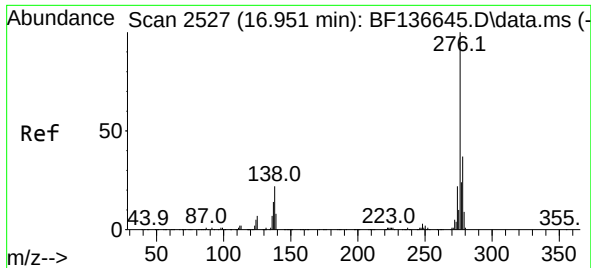
Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

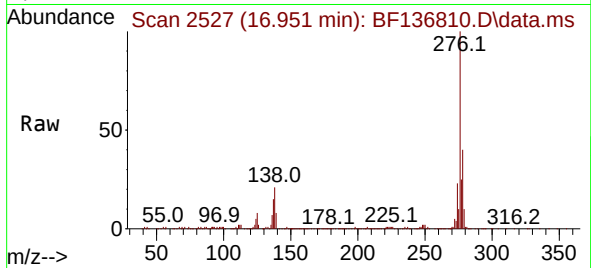
265 21.2 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 35.893 ng
RT: 16.951 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

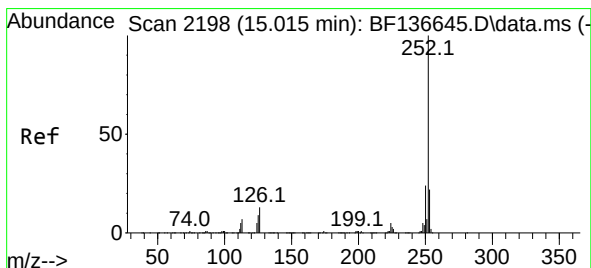
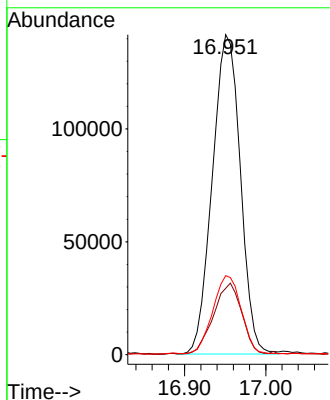
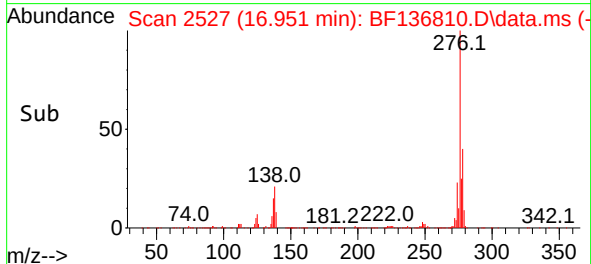
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



Tgt Ion:276 Resp: 339290
Ion Ratio Lower Upper
276 100
138 22.1 18.7 28.1
277 24.4 20.2 30.2

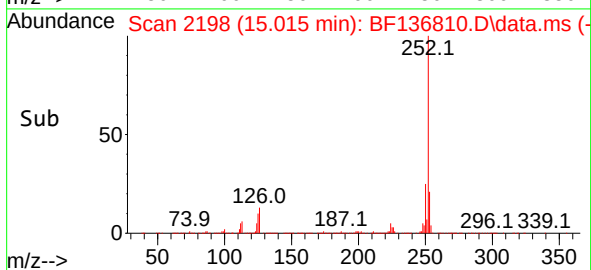
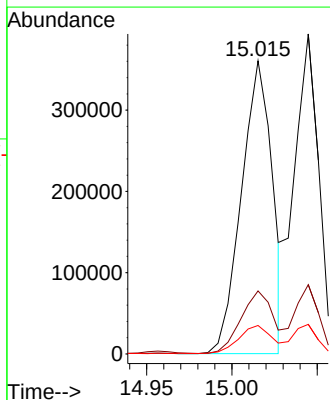
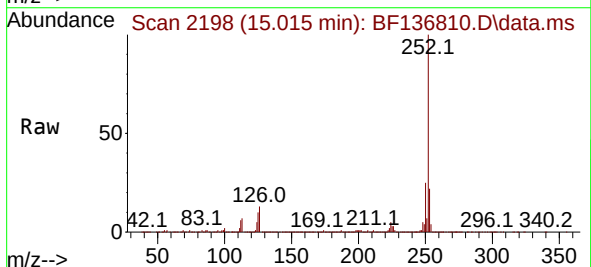
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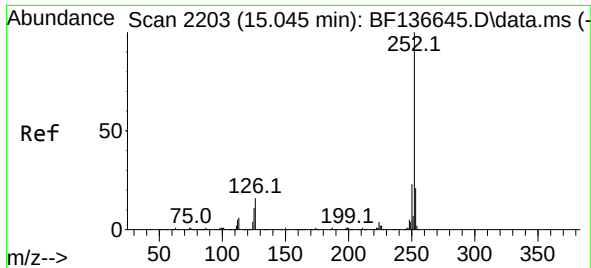
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#88
Benzo(b)fluoranthene
Concen: 52.005 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Tgt Ion:252 Resp: 454754
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.7 7.4 11.2





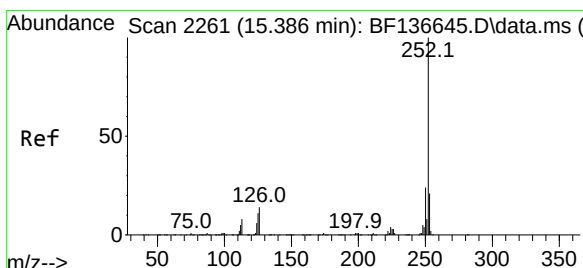
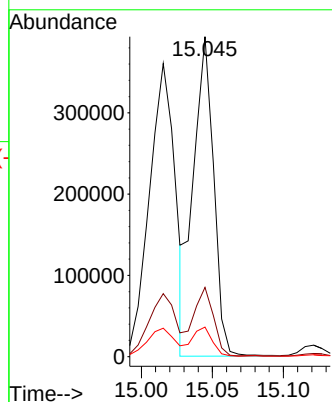
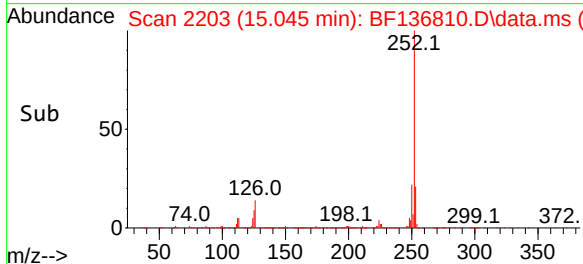
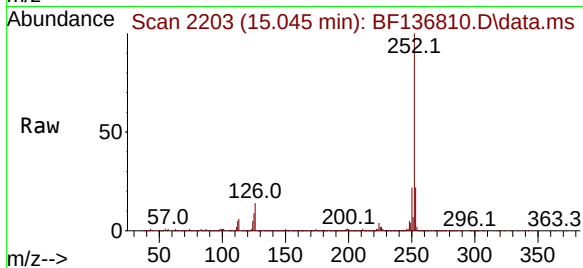
#89
Benzo(k)fluoranthene
Concen: 47.302 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Instrument :
BNA_F
ClientSampleId :
TP-35MSD

Tgt Ion:252 Resp: 39084
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 9.3 8.2 12.4

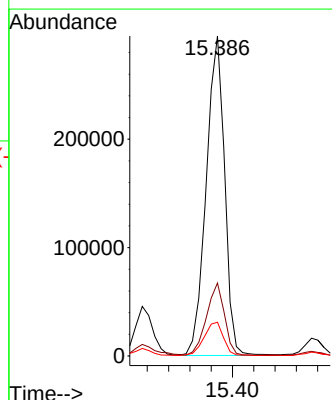
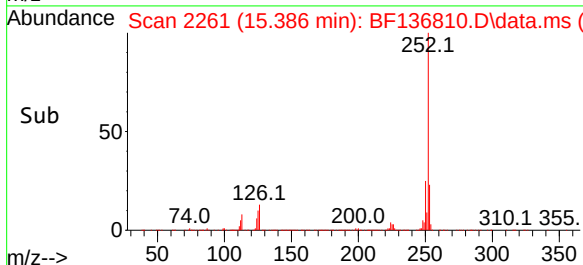
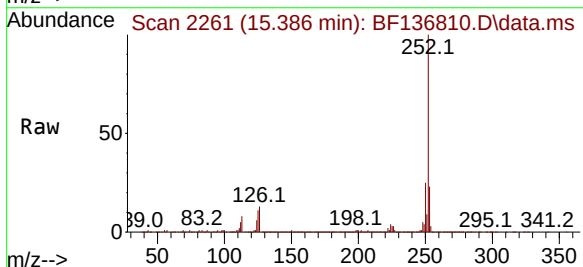
Manual Integrations
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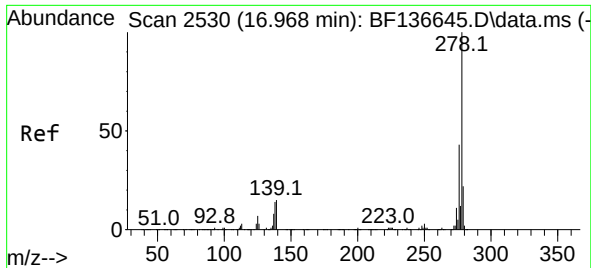
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#90
Benzo(a)pyrene
Concen: 48.019 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

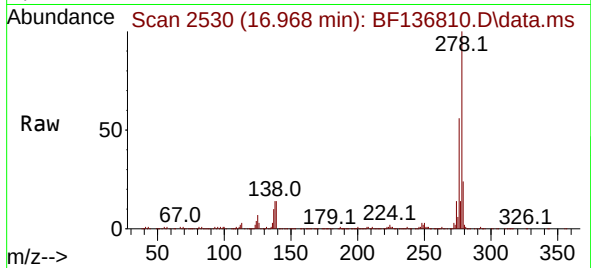
Tgt Ion:252 Resp: 354440
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 10.5 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 33.709 ng
RT: 16.968 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

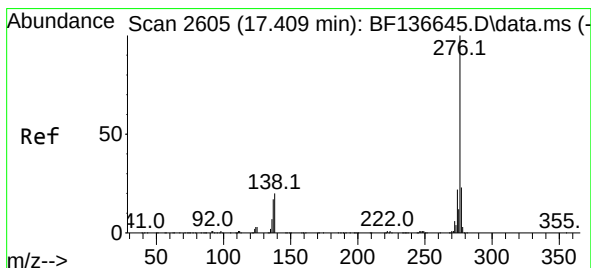
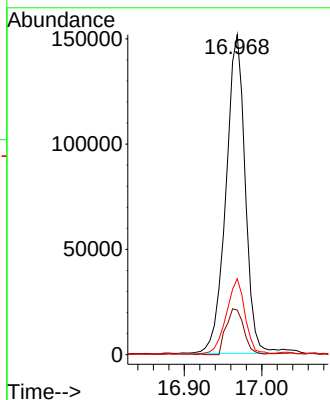
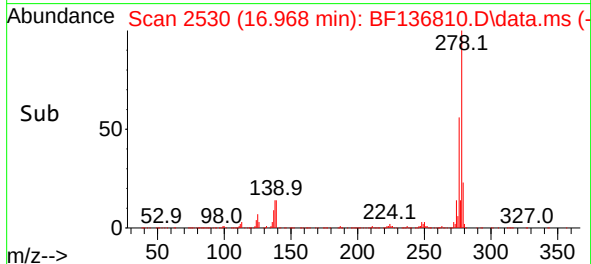
Instrument :
BNA_F
ClientSampleId :
TP-35MSD



Tgt Ion:278 Resp: 261410
Ion Ratio Lower Upper
278 100
139 13.9 12.2 18.4
279 23.8 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#92
Benzo(g,h,i)perylene
Concen: 34.149 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136810.D
Acq: 28 Dec 2023 23:55

Tgt Ion:276 Resp: 271239
Ion Ratio Lower Upper
276 100
277 22.9 18.3 27.5
138 18.9 15.6 23.4

