

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136400.D
 Acq On : 05 Dec 2023 11:07
 Operator : CG\JU
 Sample : PB157451BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157451BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 05 11:37:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	155460	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	689625	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	365064	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	695524	20.000	ng	0.01
76) Chrysene-d12	13.992	240	357062	20.000	ng	0.01
86) Perylene-d12	15.474	264	306858	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1376884	123.274	ng	0.02
7) Phenol-d6	6.457	99	1725505	123.553	ng	0.01
23) Nitrobenzene-d5	7.375	82	1060519	81.263	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	587331	131.594	ng	0.01
45) 2-Fluorobiphenyl	9.169	172	2190674	76.648	ng	0.00
79) Terphenyl-d14	12.933	244	2555932	82.569	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	157474	37.262	ng	94
3) Pyridine	3.463	79	361104	34.614	ng	92
4) n-Nitrosodimethylamine	3.440	42	200578	38.035	ng	83
6) Aniline	6.475	93	515270	39.035	ng	# 80
8) 2-Chlorophenol	6.598	128	549216	45.160	ng	90
9) Benzaldehyde	6.357	77	156210	20.068	ng	93
10) Phenol	6.469	94	623930	41.643	ng	84
11) bis(2-Chloroethyl)ether	6.551	93	497647	45.276	ng	93
12) 1,3-Dichlorobenzene	6.745	146	555133	40.223	ng	98
13) 1,4-Dichlorobenzene	6.822	146	564806	40.256	ng	96
14) 1,2-Dichlorobenzene	6.975	146	541967	40.803	ng	97
15) Benzyl Alcohol	6.957	79	434739	44.399	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.087	45	625253	40.953	ng	95
17) 2-Methylphenol	7.069	107	446205	46.668	ng	97
18) Hexachloroethane	7.310	117	200086	40.657	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	363576	43.528	ng	95
20) 3+4-Methylphenols	7.222	107	529643	42.623	ng	90
22) Acetophenone	7.222	105	754750	41.672	ng	# 96
24) Nitrobenzene	7.393	77	529734	40.055	ng	96
25) Isophorone	7.634	82	1011480	42.984	ng	96
26) 2-Nitrophenol	7.704	139	282656	50.162	ng	95
27) 2,4-Dimethylphenol	7.745	122	479111	64.599	ng	95
28) bis(2-Chloroethoxy)met...	7.840	93	621183	43.641	ng	97
29) 2,4-Dichlorophenol	7.951	162	459780	45.961	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	499866	40.812	ng	97
31) Naphthalene	8.110	128	1591715	41.063	ng	98
32) Benzoic acid	7.898	122	376084	55.639	ng	98
33) 4-Chloroaniline	8.157	127	464096	35.223	ng	97
34) Hexachlorobutadiene	8.222	225	278879	38.920	ng	99
35) Caprolactam	8.557	113	139695m	49.952	ng	
36) 4-Chloro-3-methylphenol	8.651	107	502336	46.299	ng	99
37) 2-Methylnaphthalene	8.798	142	1046593	43.043	ng	97
38) 1-Methylnaphthalene	8.898	142	967989	40.809	ng	94
40) 1,2,4,5-Tetrachloroben...	8.969	216	497395	42.812	ng	98
41) Hexachlorocyclopentadiene	8.951	237	514699	115.132	ng	98
43) 2,4,6-Trichlorophenol	9.081	196	337670	44.778	ng	93

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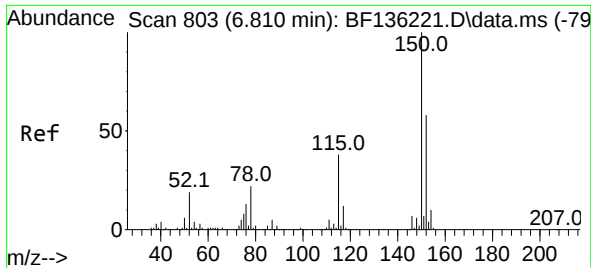
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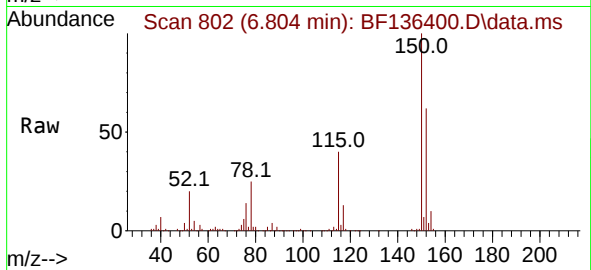
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	369314	44.877	ng	99
46) 1,1'-Biphenyl	9.269	154	1344571	41.766	ng	98
47) 2-Chloronaphthalene	9.292	162	1029456	41.177	ng	97
48) 2-Nitroaniline	9.392	65	298370	45.711	ng	88
49) Acenaphthylene	9.710	152	1532113	42.943	ng	99
50) Dimethylphthalate	9.581	163	1254888	45.480	ng	# 99
51) 2,6-Dinitrotoluene	9.639	165	262328	46.538	ng	93
52) Acenaphthene	9.881	154	962011	42.668	ng	96
53) 3-Nitroaniline	9.810	138	235423	42.091	ng	90
54) 2,4-Dinitrophenol	9.922	184	292968	111.750	ng	89
55) Dibenzofuran	10.057	168	1375885	41.010	ng	98
56) 4-Nitrophenol	9.986	139	425072	100.065	ng	# 82
57) 2,4-Dinitrotoluene	10.045	165	353722	46.978	ng	# 89
58) Fluorene	10.398	166	1104324	41.964	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.175	232	314117	47.973	ng	98
60) Diethylphthalate	10.281	149	1209420	43.818	ng	97
61) 4-Chlorophenyl-phenyle...	10.392	204	542855	42.477	ng	96
62) 4-Nitroaniline	10.433	138	270905	49.482	ng	94
63) Azobenzene	10.551	77	1075530	42.032	ng	96
65) 4,6-Dinitro-2-methylph...	10.457	198	205867	54.126	ng	94
66) n-Nitrosodiphenylamine	10.516	169	1009359	45.285	ng	98
67) 4-Bromophenyl-phenylether	10.881	248	360177	44.387	ng	97
68) Hexachlorobenzene	10.945	284	399269	42.515	ng	94
69) Atrazine	11.045	200	236455	35.762	ng	98
70) Pentachlorophenol	11.145	266	426855	80.409	ng	96
71) Phenanthrene	11.363	178	1700408	43.498	ng	98
72) Anthracene	11.416	178	1734105	44.235	ng	98
73) Carbazole	11.575	167	1458961	43.758	ng	100
74) Di-n-butylphthalate	11.904	149	1957349	46.919	ng	98
75) Fluoranthene	12.557	202	1636986	41.250	ng	95
77) Benzidine	12.680	184	317214	54.045	ng	100
78) Pyrene	12.786	202	1625737	41.574	ng	98
80) Butylbenzylphthalate	13.410	149	665650	54.695	ng	99
81) Benzo(a)anthracene	13.980	228	1107643	41.764	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	393755	61.677	ng	96
83) Chrysene	14.021	228	1096452	42.818	ng	97
84) Bis(2-ethylhexyl)phtha...	13.974	149	847899	58.052	ng	# 97
85) Di-n-octyl phthalate	14.592	149	1320654	54.848	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	1035014	45.285	ng	98
88) Benzo(b)fluoranthene	15.039	252	1034597	48.057	ng	99
89) Benzo(k)fluoranthene	15.074	252	886402	43.351	ng	98
90) Benzo(a)pyrene	15.416	252	819644	46.573	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	866566	47.124	ng	99
92) Benzo(g,h,i)perylene	17.462	276	832001	45.156	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

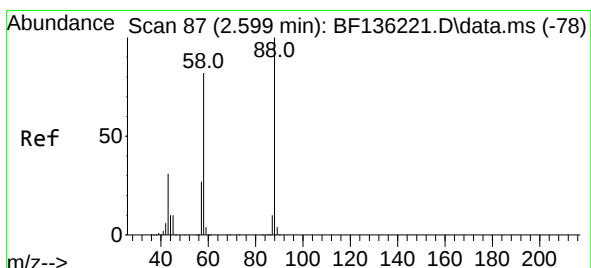
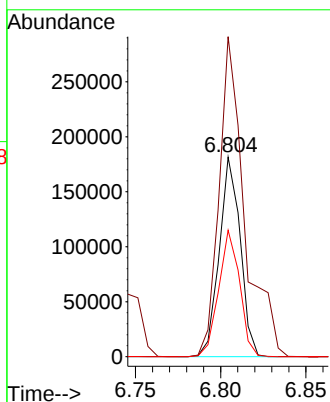
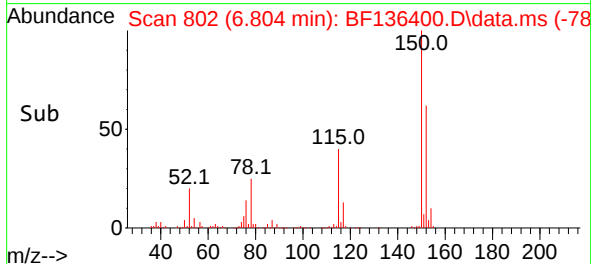
Instrument :
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ClientSampleId :
PB157451BS



Tgt Ion:152 Resp: 155460
Ion Ratio Lower Upper
152 100
150 160.4 137.8 206.8
115 63.4 52.7 79.1

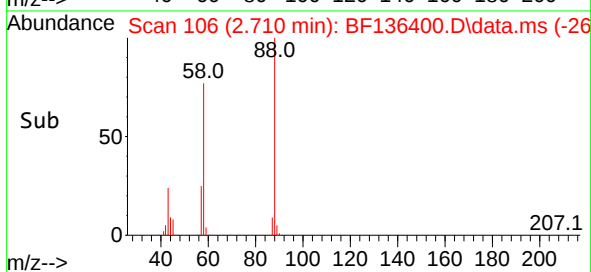
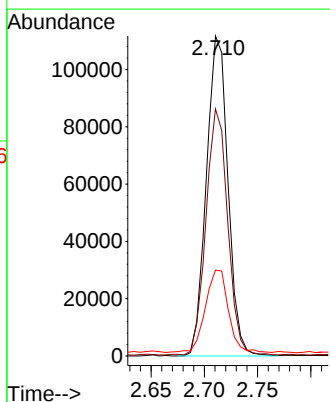
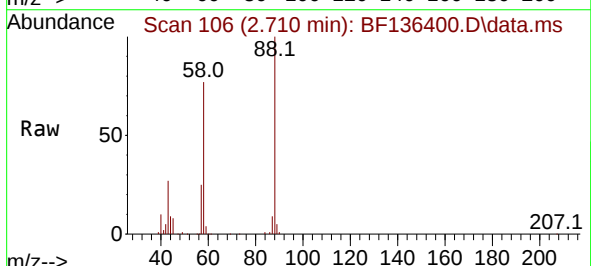
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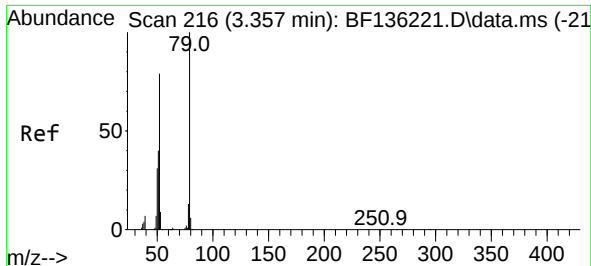
Reviewed By :Yogesh Patel 12/06/2023
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#2
1,4-Dioxane
Concen: 37.262 ng
RT: 2.710 min Scan# 106
Delta R.T. 0.118 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

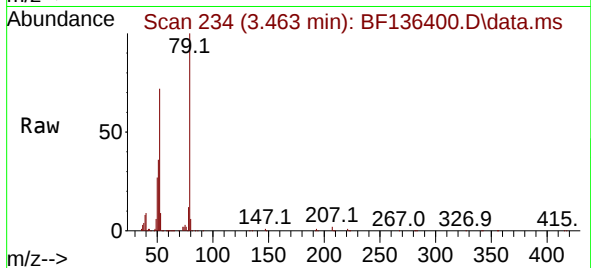
Tgt Ion: 88 Resp: 157474
Ion Ratio Lower Upper
88 100
58 77.2 65.9 98.9
43 27.3 24.8 37.2





#3
Pyridine
Concen: 34.614 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.112 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

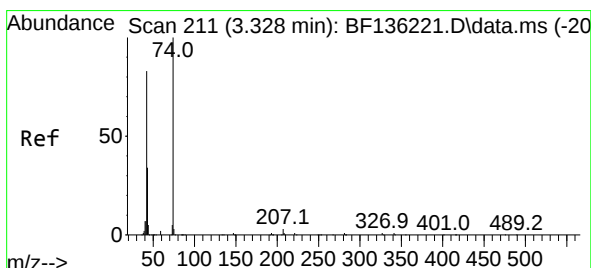
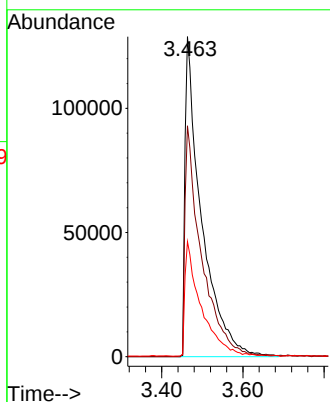
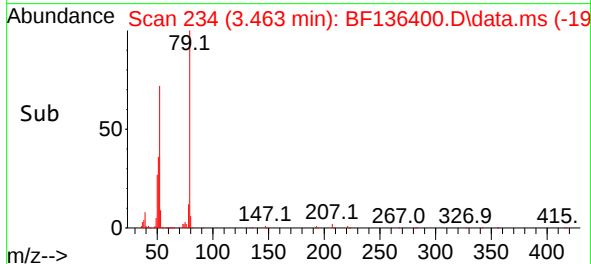
Instrument :
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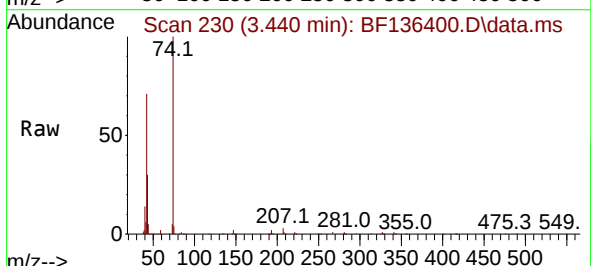
Tgt Ion: 79 Resp: 361104
Ion Ratio Lower Upper
79 100
52 72.1 63.2 94.8
51 36.0 32.6 49.0

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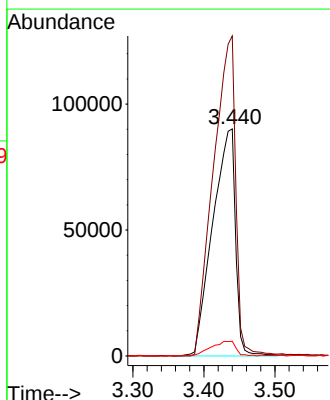
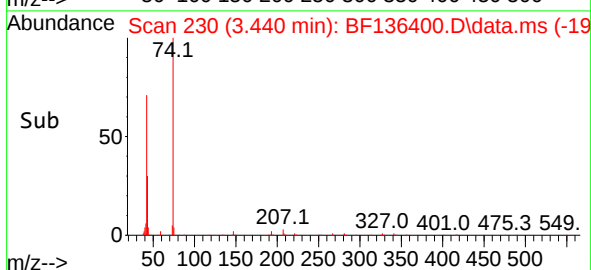
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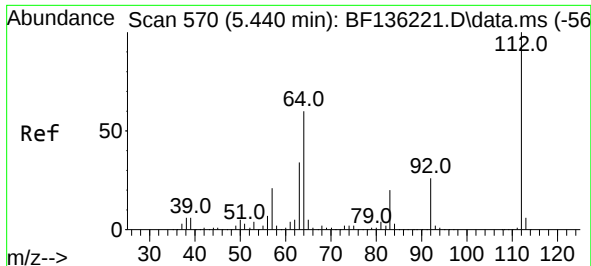


#4
n-Nitrosodimethylamine
Concen: 38.035 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.112 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07



Tgt Ion: 42 Resp: 200578
Ion Ratio Lower Upper
42 100
74 141.0 96.6 144.8
44 6.5 5.4 8.2





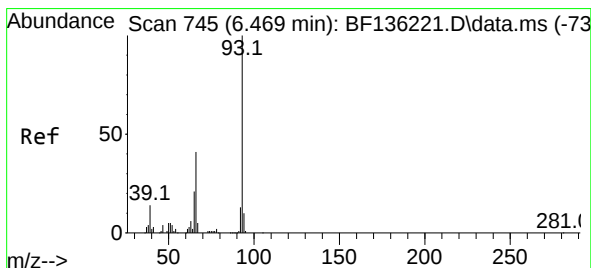
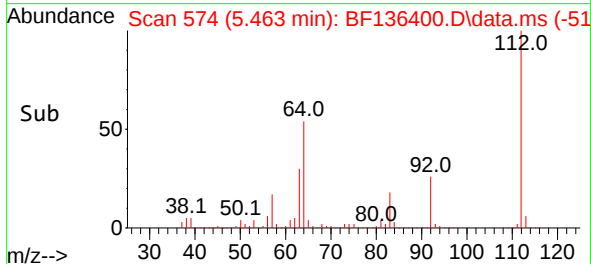
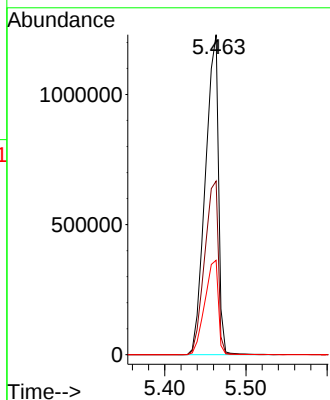
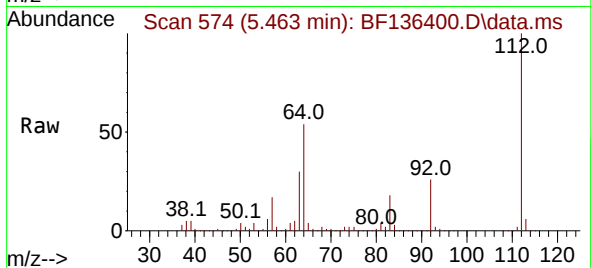
#5
2-Fluorophenol
Concen: 123.274 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 1376884
Ion Ratio Lower Upper
112 100
64 54.2 48.2 72.4
63 29.5 27.0 40.6

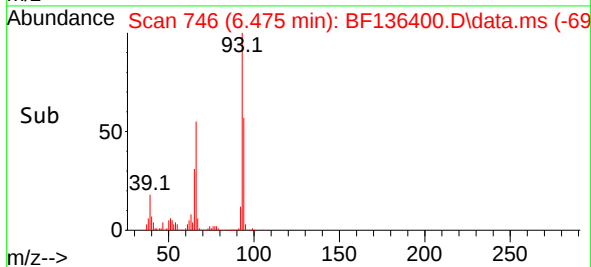
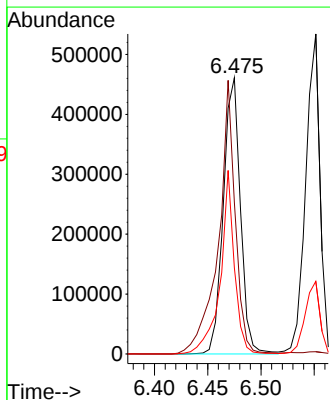
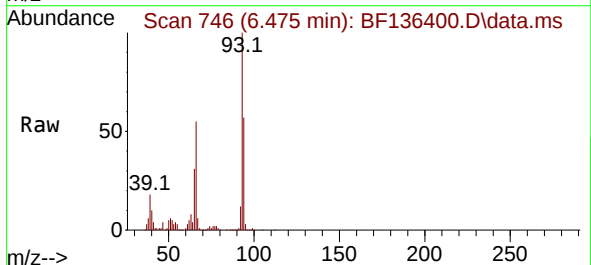
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#6
Aniline
Concen: 39.035 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

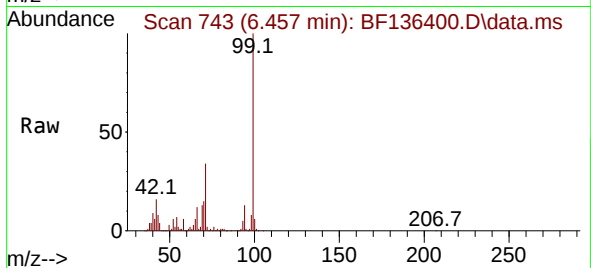
Tgt Ion: 93 Resp: 515270
Ion Ratio Lower Upper
93 100
66 54.9 34.1 51.1#
65 31.3 17.3 25.9#





#7
Phenol-d6
Concen: 123.553 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

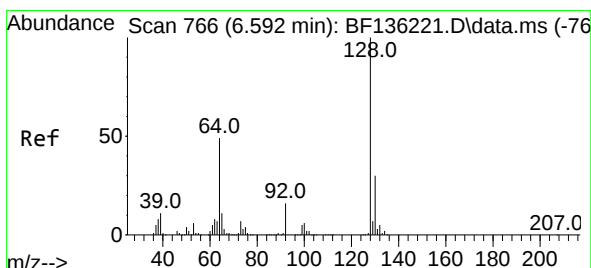
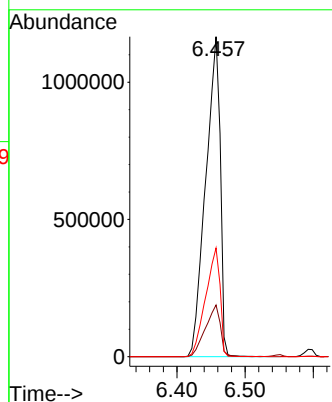
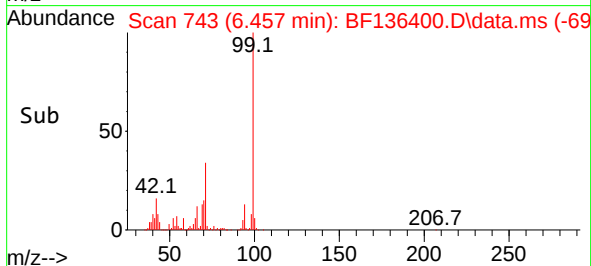
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Tgt Ion: 99 Resp: 172550
Ion Ratio Lower Upper
99 100
42 16.2 15.0 22.6
71 33.9 28.9 43.3

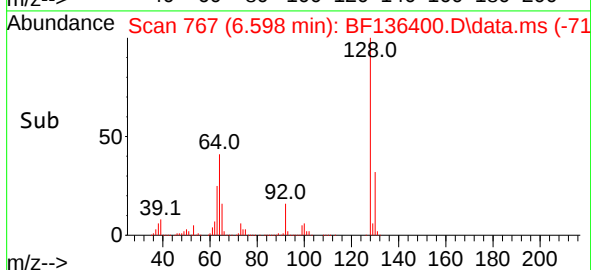
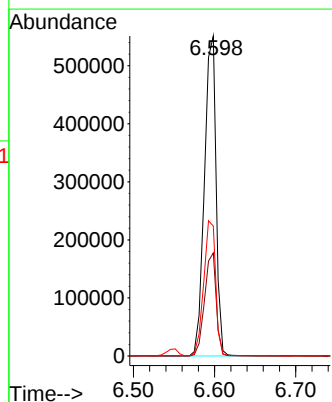
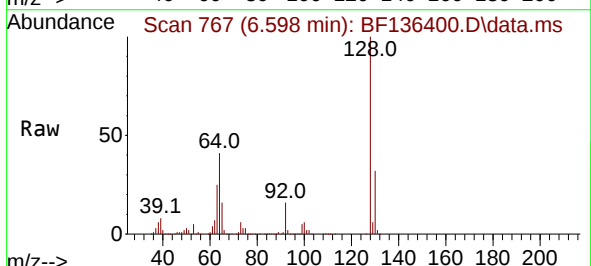
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#8
2-Chlorophenol
Concen: 45.160 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

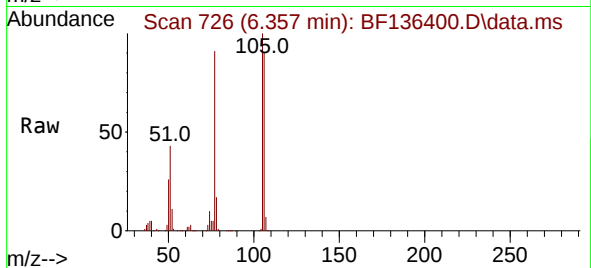
Tgt Ion:128 Resp: 549216
Ion Ratio Lower Upper
128 100
130 32.2 10.3 50.3
64 40.6 30.0 70.0





#9
Benzaldehyde
Concen: 20.068 ng
RT: 6.357 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

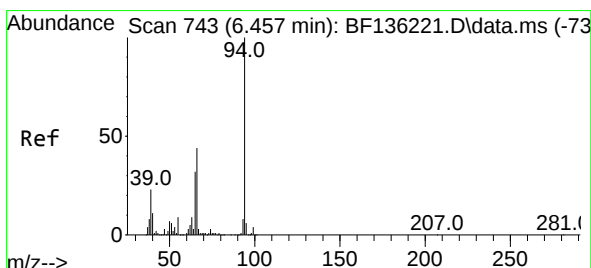
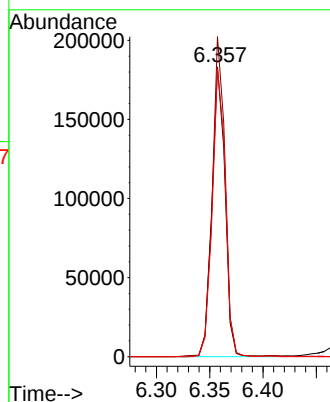
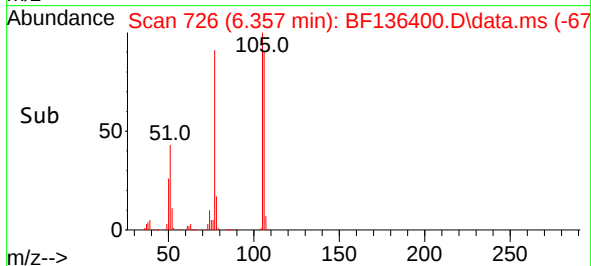
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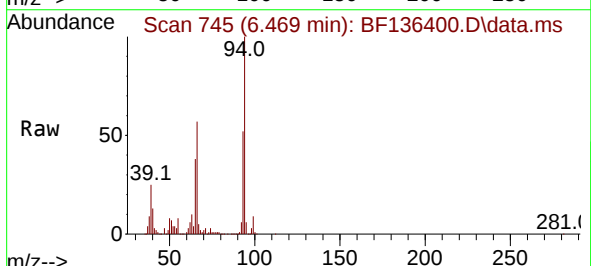
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Ion Ratio Lower Upper
77 100
105 110.4 84.3 124.3
106 99.7 71.0 111.0

Manual Integrations
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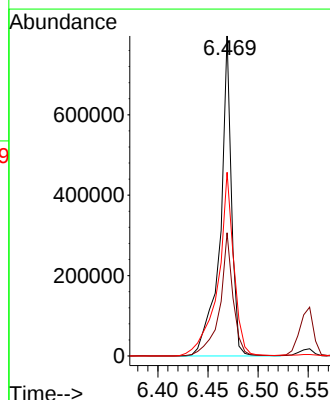
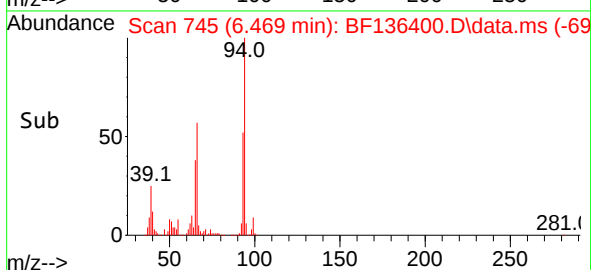
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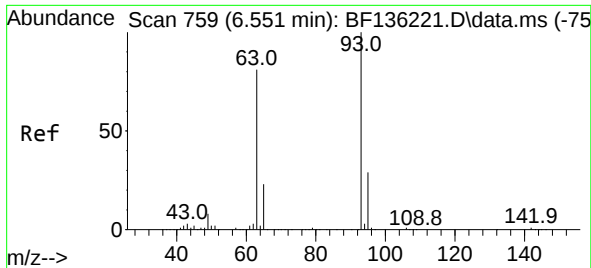


#10
Phenol
Concen: 41.643 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07



Tgt Ion: 94 Resp: 623930
Ion Ratio Lower Upper
94 100
65 38.5 12.5 52.5
66 57.4 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 45.276 ng
RT: 6.551 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

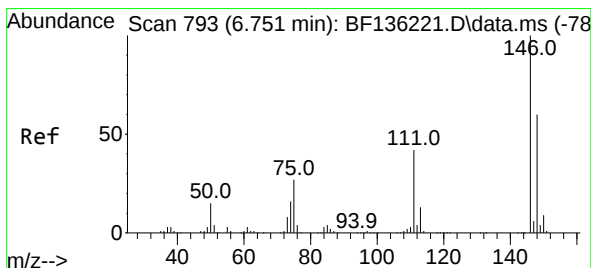
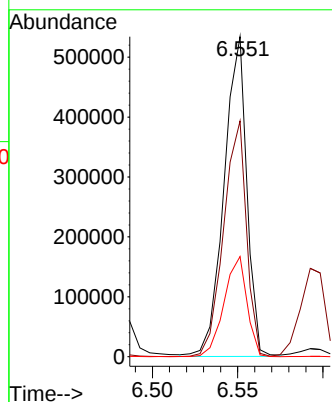
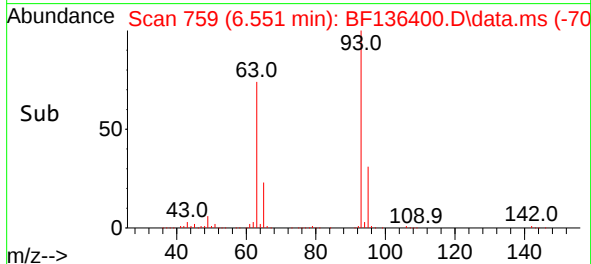
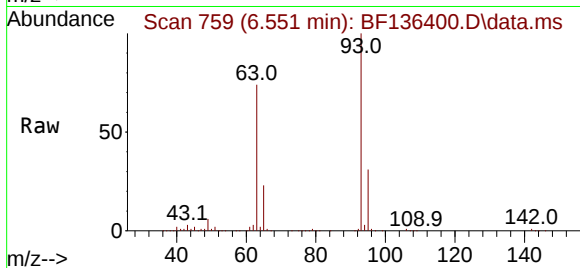
ClientSampleId :

PB157451BS

Tgt Ion: 93 Resp: 49764
Ion Ratio Lower Upper
93 100
63 73.7 60.2 100.2
95 31.3 9.1 49.1

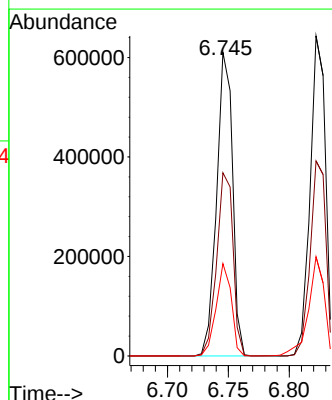
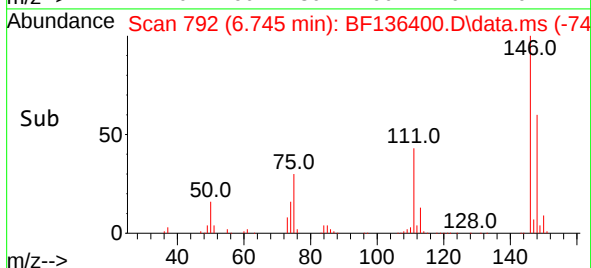
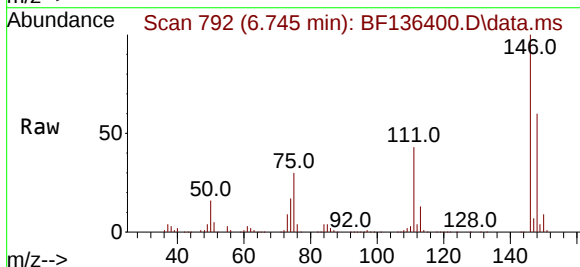
Manual Integrations
APPROVED

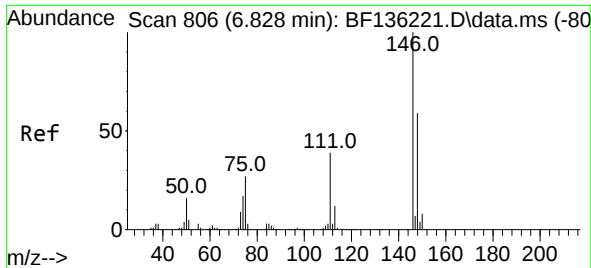
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#12
1,3-Dichlorobenzene
Concen: 40.223 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Tgt Ion:146 Resp: 555133
Ion Ratio Lower Upper
146 100
148 60.3 47.8 71.6
75 30.4 22.0 33.0





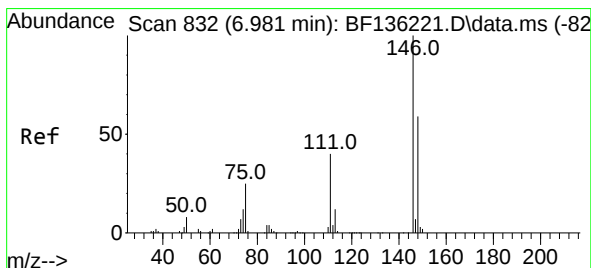
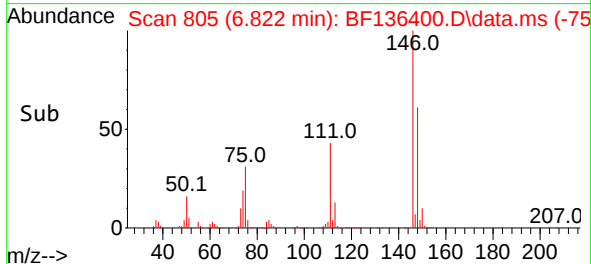
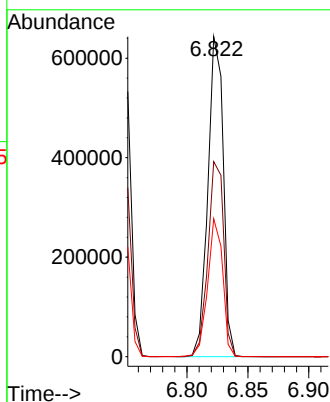
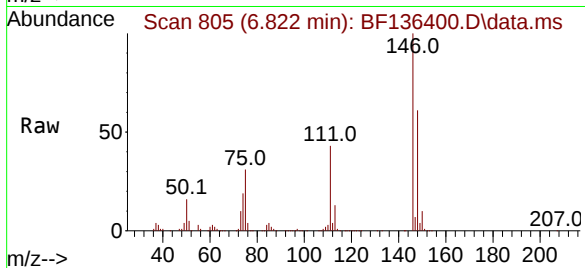
#13
1,4-Dichlorobenzene
Concen: 40.256 ng
RT: 6.822 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :
BNA_F
ClientSampleId :
PB157451BS

Tgt Ion:146 Resp: 564800
Ion Ratio Lower Upper
146 100
148 61.0 47.0 70.6
111 43.1 31.5 47.3

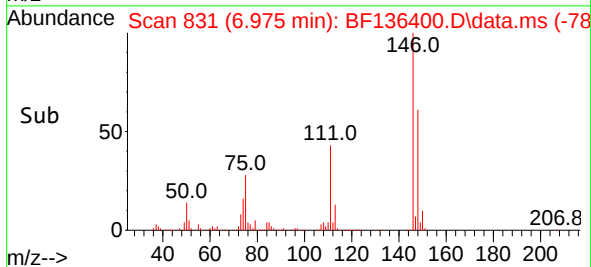
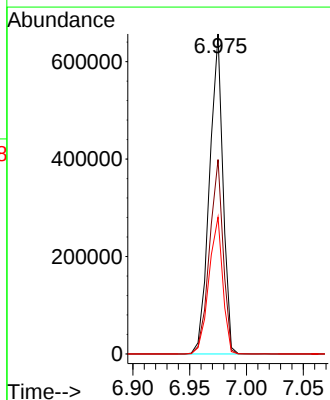
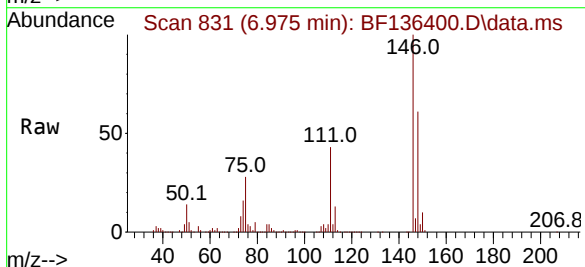
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#14
1,2-Dichlorobenzene
Concen: 40.803 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Tgt Ion:146 Resp: 541967
Ion Ratio Lower Upper
146 100
148 60.8 47.3 70.9
111 42.8 32.4 48.6





#15
Benzyl Alcohol
Concen: 44.399 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

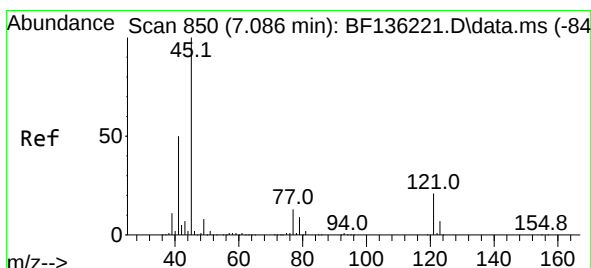
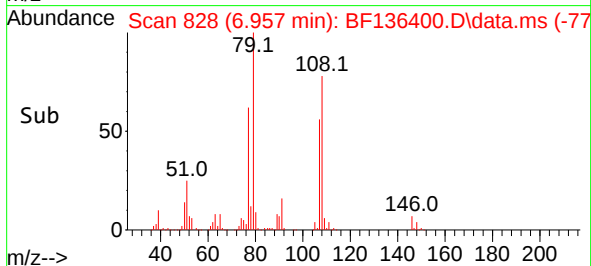
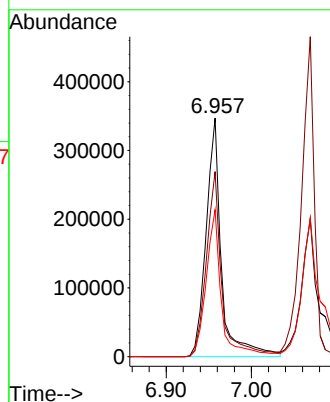
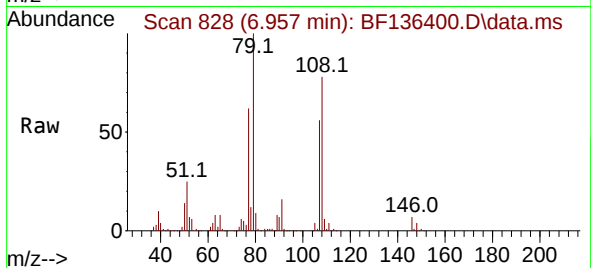
ClientSampleId :

PB157451BS

Tgt Ion: 79 Resp: 434739
Ion Ratio Lower Upper
79 100
108 77.6 58.1 87.1
77 61.7 51.8 77.8

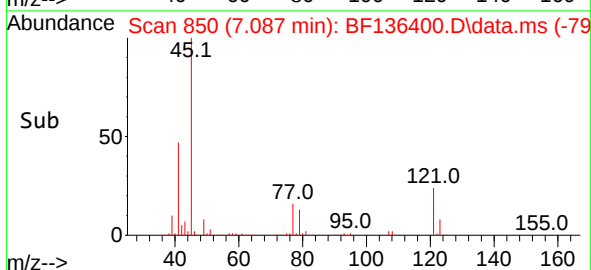
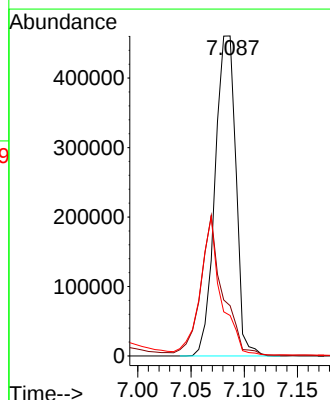
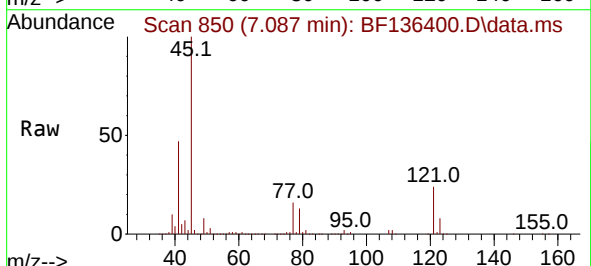
Manual Integrations
APPROVED

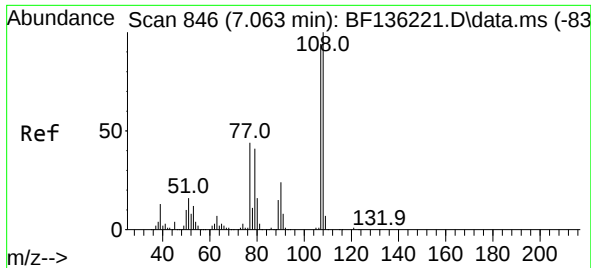
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.953 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Tgt Ion: 45 Resp: 625253
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.0
79 12.6 0.0 30.1





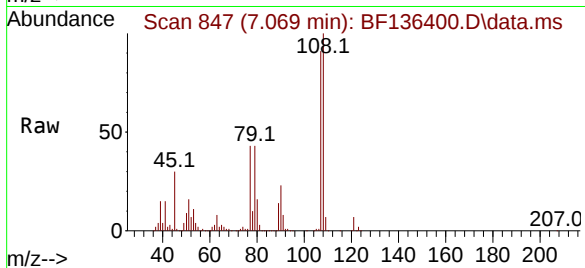
#17
2-Methylphenol
Concen: 46.668 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS

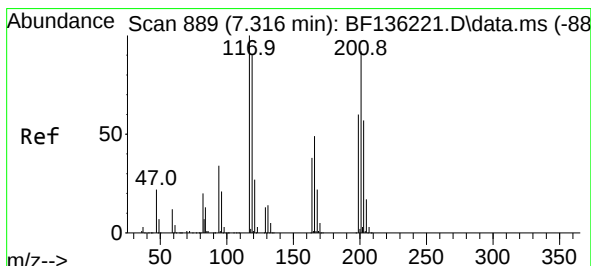
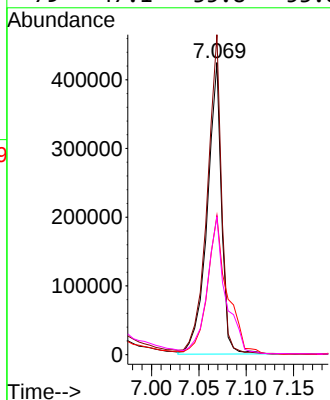
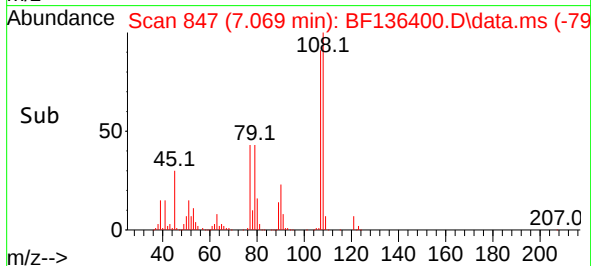


Tgt Ion:107 Resp: 446205
Ion Ratio Lower Upper
107 100
108 109.5 85.4 128.0
77 47.6 37.4 56.2
79 47.1 35.8 53.8

Manual Integrations

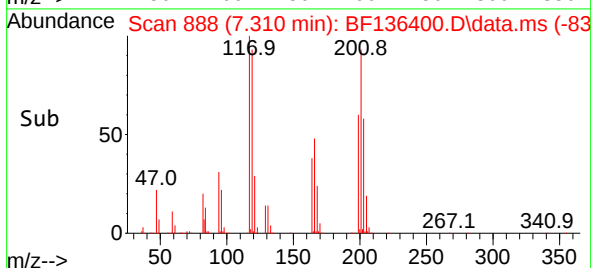
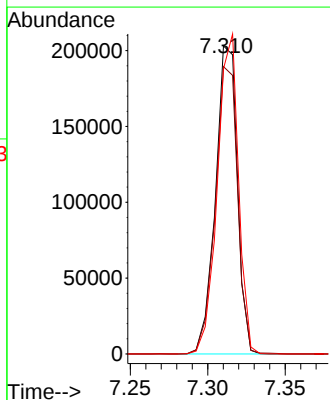
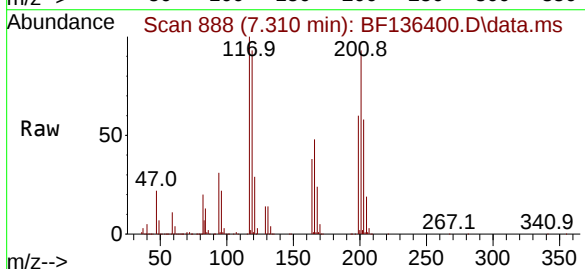
APPROVED

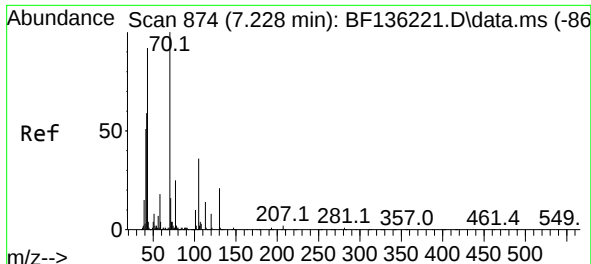
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#18
Hexachloroethane
Concen: 40.657 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

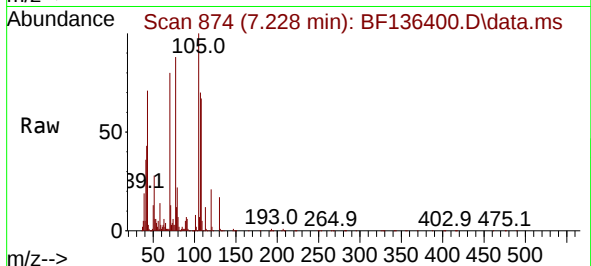
Tgt Ion:117 Resp: 200086
Ion Ratio Lower Upper
117 100
119 93.3 71.6 107.4
201 92.6 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 43.528 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

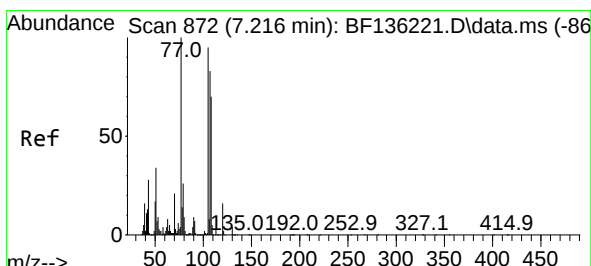
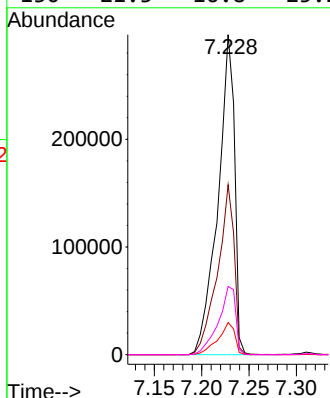
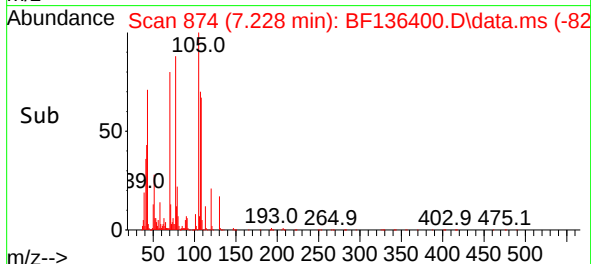
Instrument :
BNA_F
ClientSampleId :
PB157451BS



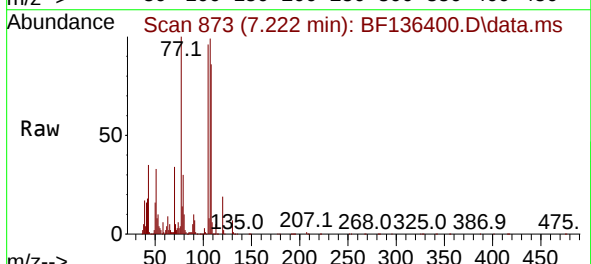
Tgt Ion: 70 Resp: 363570
Ion Ratio Lower Upper
70 100
42 53.1 47.0 70.4
101 10.0 7.8 11.8
130 21.3 16.8 25.2

Manual Integrations
APPROVED

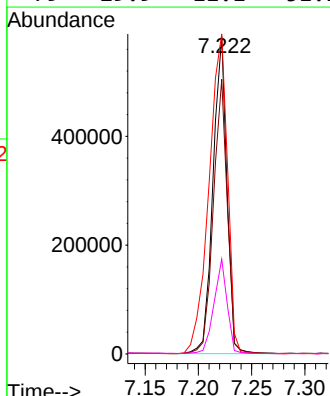
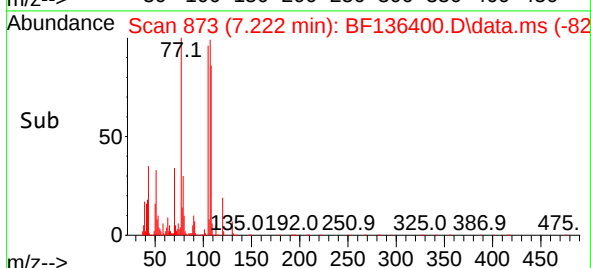
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023

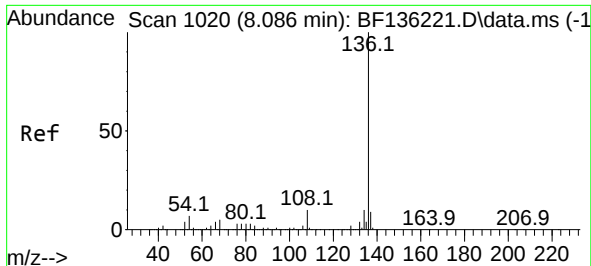


#20
3+4-Methylphenols
Concen: 42.623 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07



Tgt Ion:107 Resp: 529643
Ion Ratio Lower Upper
107 100
108 86.5 63.9 103.9
77 100.7 100.2 140.2
79 29.9 11.1 51.1





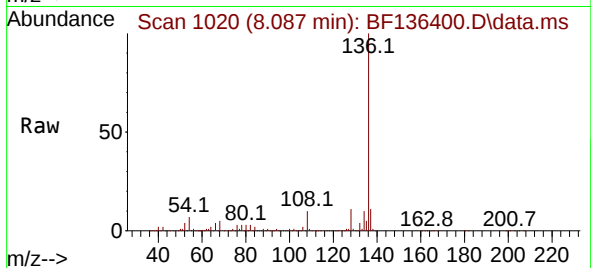
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS

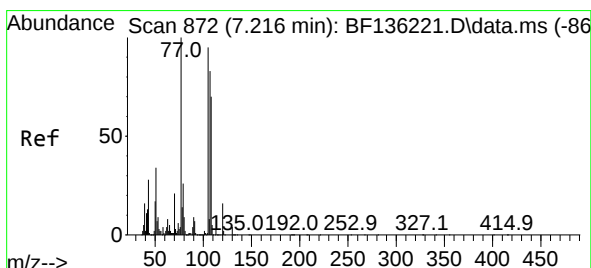
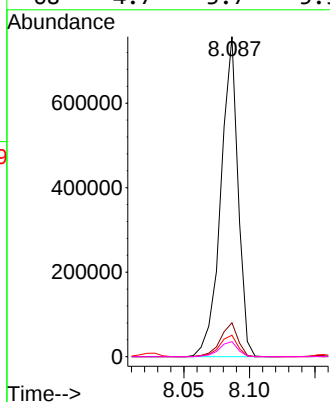
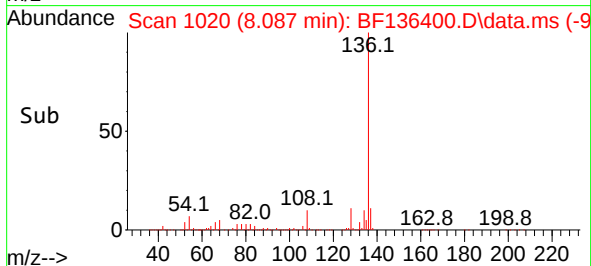


Tgt Ion:136 Resp: 689625
Ion Ratio Lower Upper
136 100
137 10.6 7.4 11.2
54 6.7 5.5 8.3
68 4.7 3.7 5.5

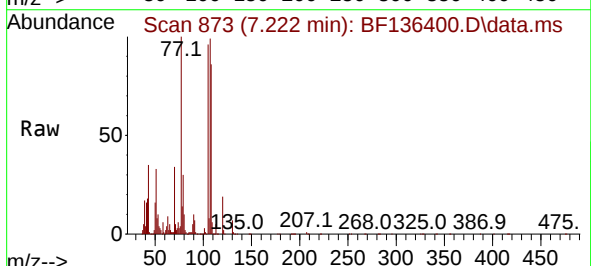
Manual Integrations

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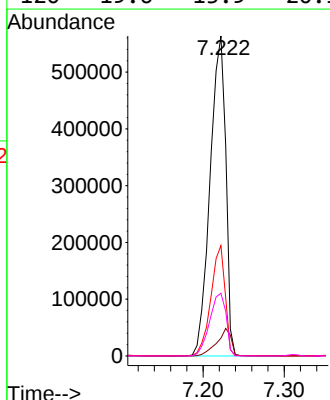
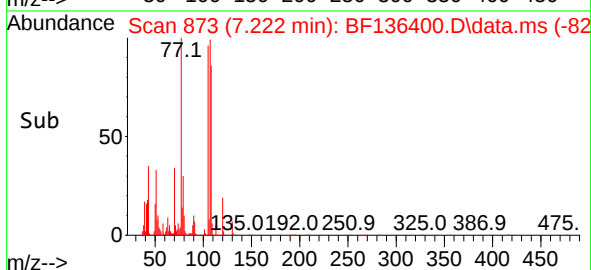
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023

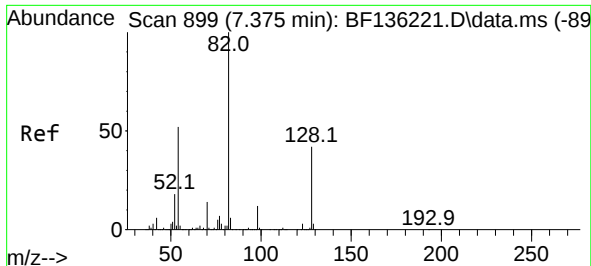


#22
Acetophenone
Concen: 41.672 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07



Tgt Ion:105 Resp: 754750
Ion Ratio Lower Upper
105 100
71 5.6 2.8 4.2#
51 34.5 29.0 43.6
120 19.6 13.9 20.9





#23
Nitrobenzene-d5
Concen: 81.263 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

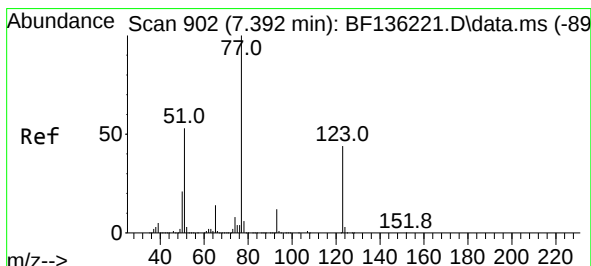
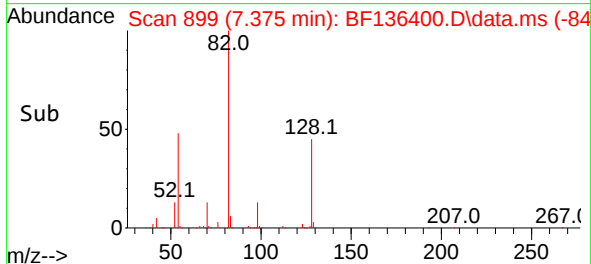
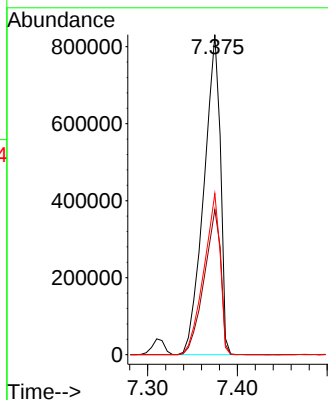
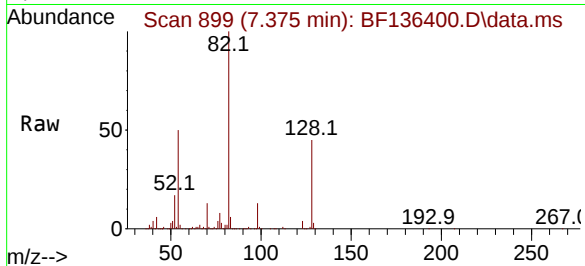
ClientSampleId :

PB157451BS

Tgt Ion: 82 Resp: 1060519
Ion Ratio Lower Upper
82 100
128 45.4 33.4 50.2
54 50.3 41.7 62.5

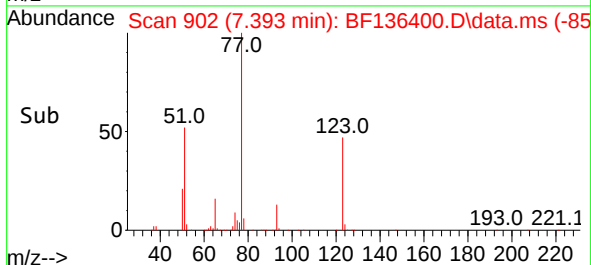
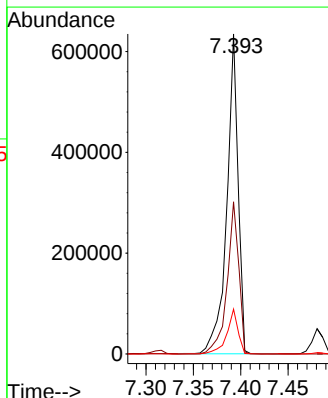
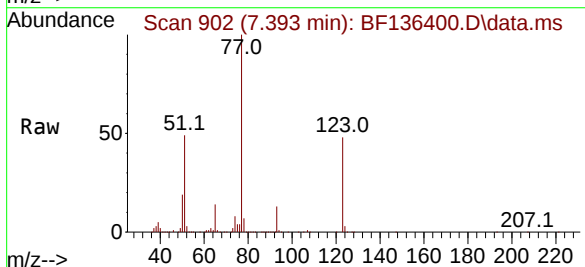
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#24
Nitrobenzene
Concen: 40.055 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Tgt Ion: 77 Resp: 529734
Ion Ratio Lower Upper
77 100
123 47.6 35.4 53.2
65 14.0 11.0 16.6





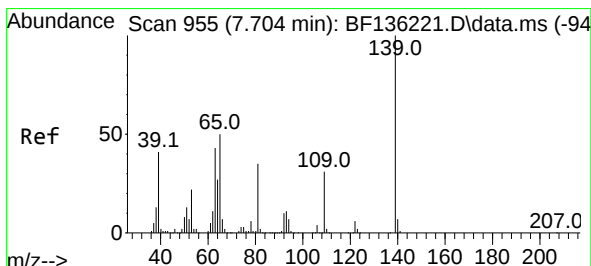
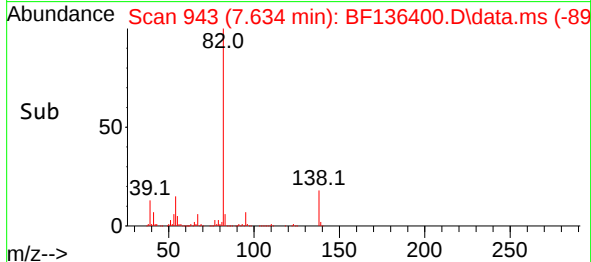
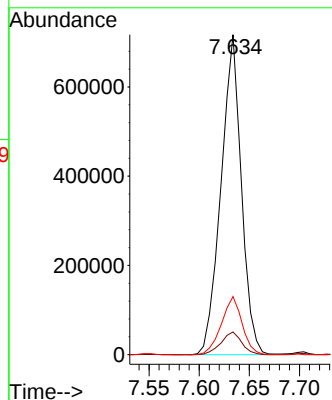
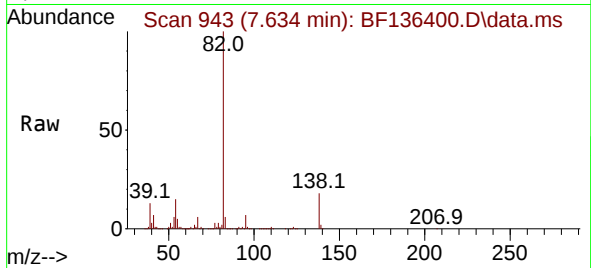
#25
Isophorone
Concen: 42.984 ng
RT: 7.634 min Scan# 942
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :
BNA_F
ClientSampleId :
PB157451BS

Tgt Ion: 82 Resp: 1011480
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.2 12.8 19.2

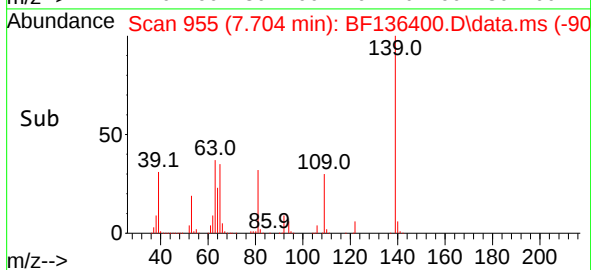
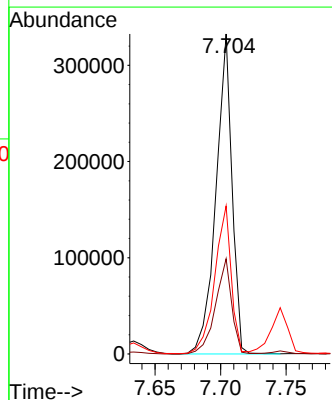
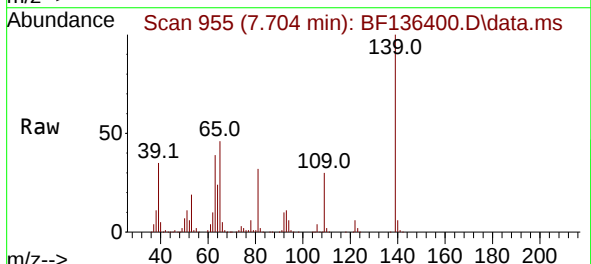
Manual Integrations
APPROVED

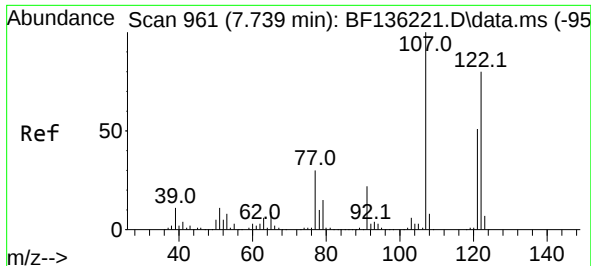
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#26
2-Nitrophenol
Concen: 50.162 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Tgt Ion:139 Resp: 282656
Ion Ratio Lower Upper
139 100
109 29.7 25.0 37.6
65 46.2 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 64.599 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

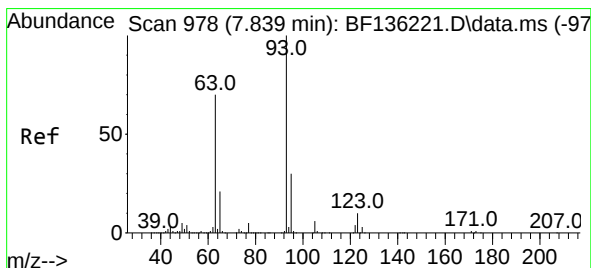
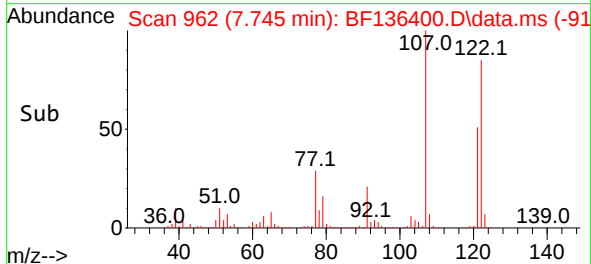
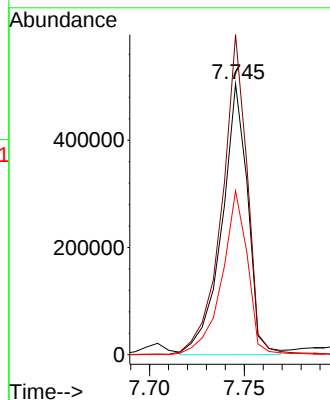
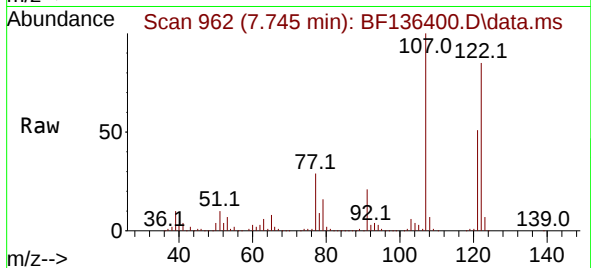
PB157451BS

Tgt Ion:122 Resp: 47911
 Ion Ratio Lower Upper
 122 100
 107 118.1 100.0 150.0
 121 60.5 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/07/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.641 ng

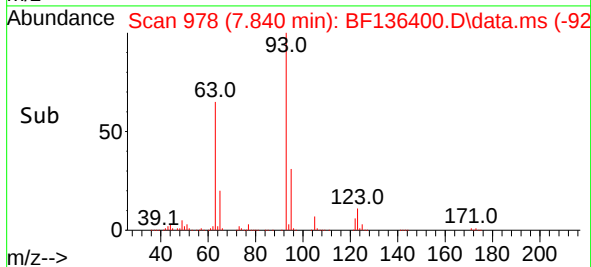
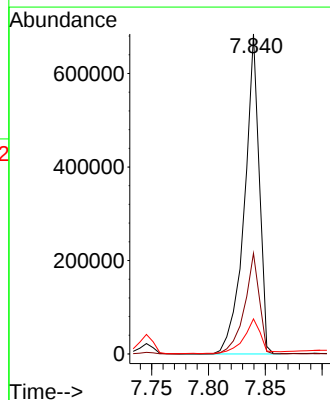
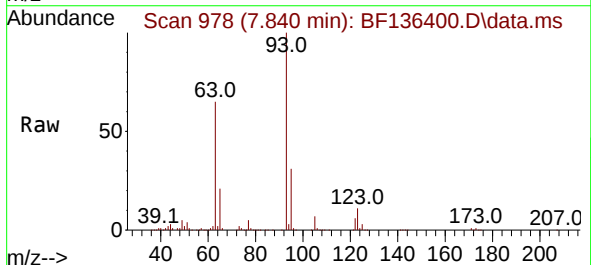
RT: 7.840 min Scan# 978

Delta R.T. 0.006 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

Tgt Ion: 93 Resp: 621183
 Ion Ratio Lower Upper
 93 100
 95 31.5 23.8 35.6
 123 11.0 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 45.961 ng

RT: 7.951 min Scan# 996

Delta R.T. 0.012 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS

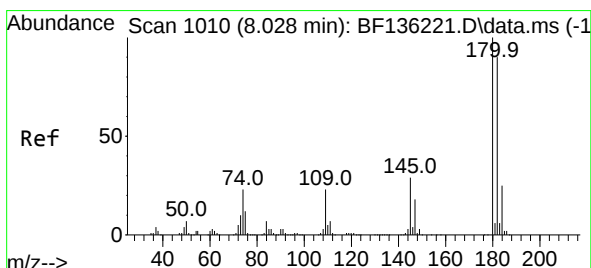
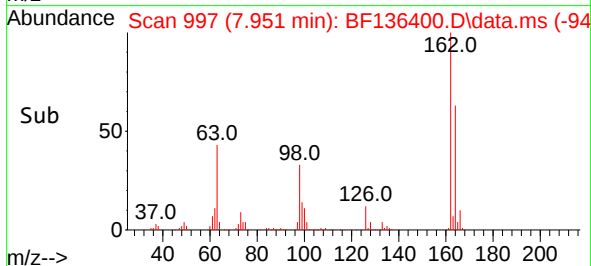
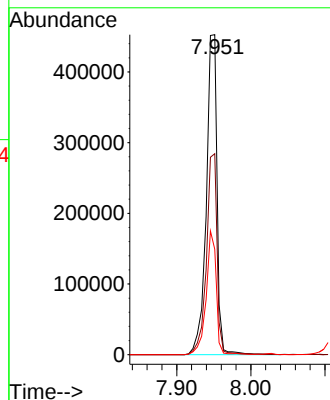
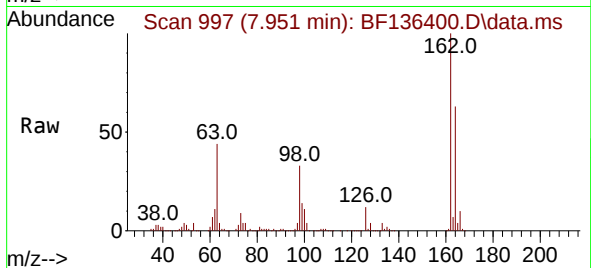
Tgt Ion:162 Resp: 459780
 Ion Ratio Lower Upper
 162 100
 164 62.8 40.3 80.3
 98 32.9 13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.812 ng

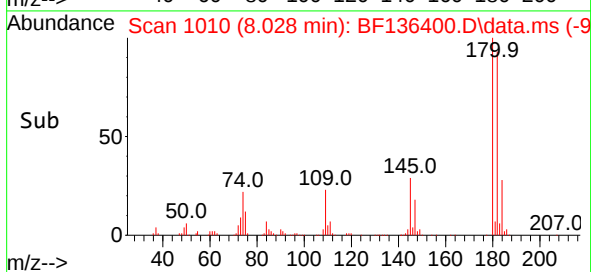
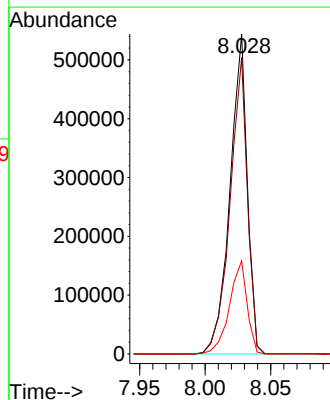
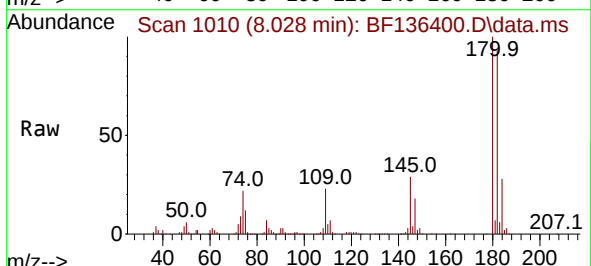
RT: 8.028 min Scan# 1010

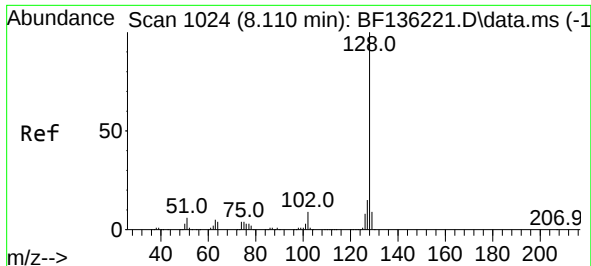
Delta R.T. 0.006 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

Tgt Ion:180 Resp: 499866
 Ion Ratio Lower Upper
 180 100
 182 92.6 71.6 107.4
 145 29.1 23.0 34.4





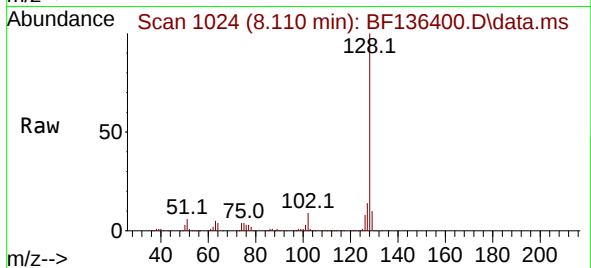
#31
Naphthalene
Concen: 41.063 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS



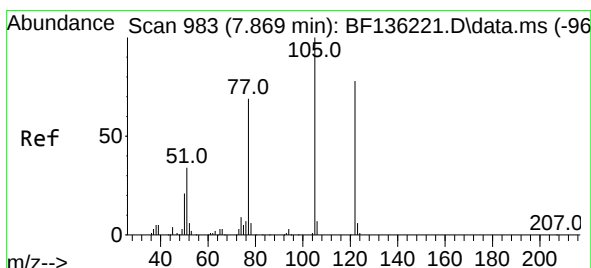
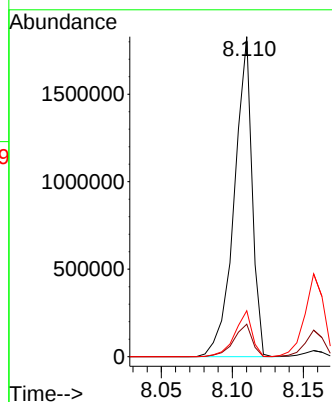
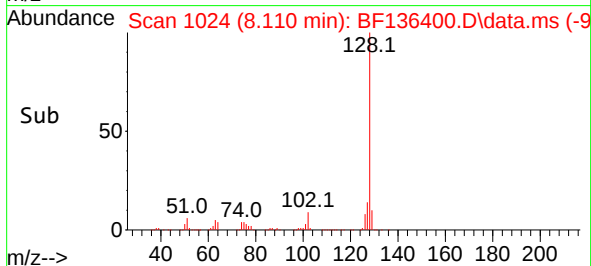
Tgt Ion:128 Resp: 1591715
Ion Ratio Lower Upper
128 100
129 10.2 7.3 10.9
127 14.3 11.8 17.6

Manual Integrations

APPROVED

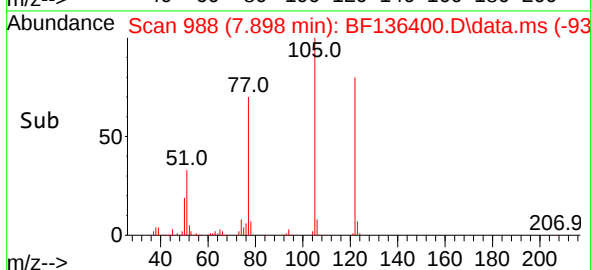
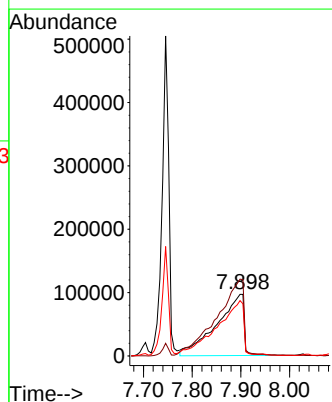
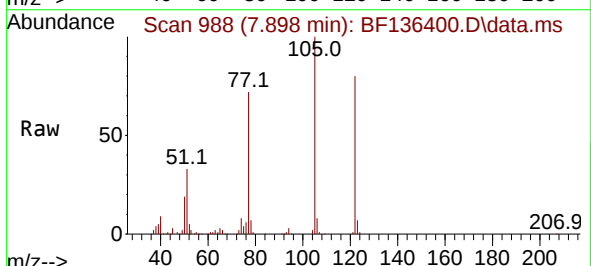
Reviewed By :Yogesh Patel 12/06/2023

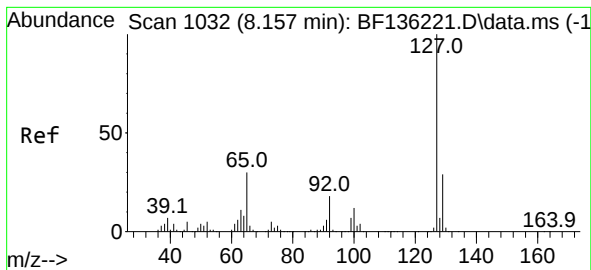
Supervised By :mohammad ahmed 12/07/2023



#32
Benzoic acid
Concen: 55.639 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.030 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Tgt Ion:122 Resp: 376084
Ion Ratio Lower Upper
122 100
105 124.7 103.7 143.7
77 89.8 66.8 106.8





#33
4-Chloroaniline
Concen: 35.223 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

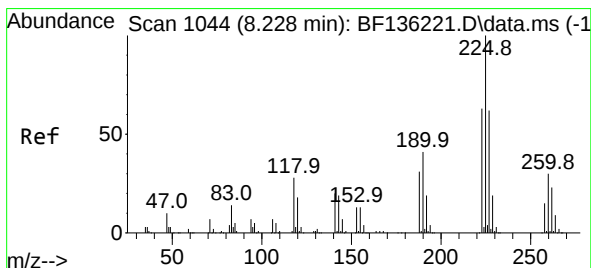
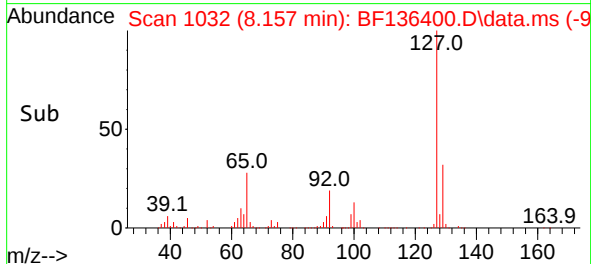
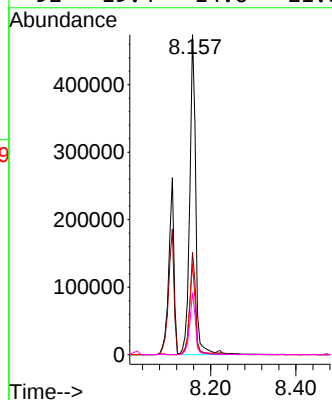
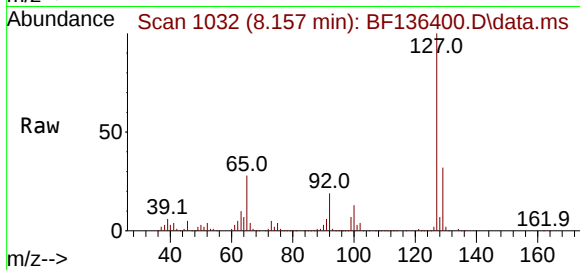
PB157451BS

Tgt Ion:127 Resp: 464090
Ion Ratio Lower Upper
127 100
129 32.0 23.4 35.2
65 28.5 23.8 35.6
92 19.4 14.6 21.8

Manual Integrations

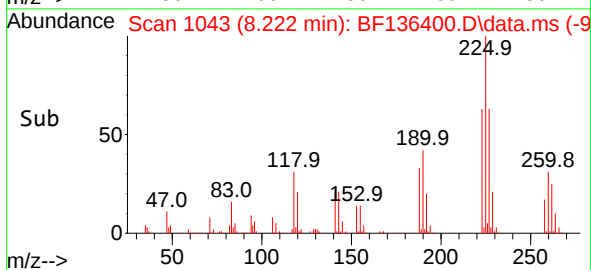
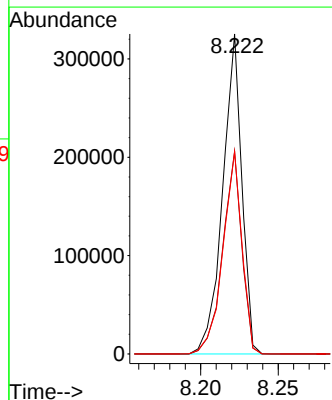
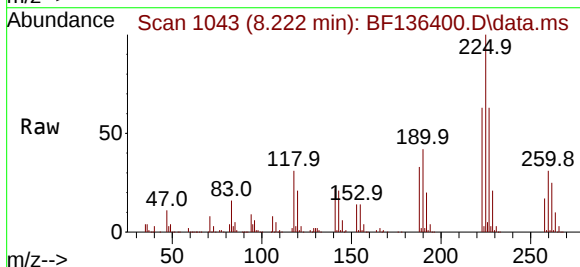
APPROVED

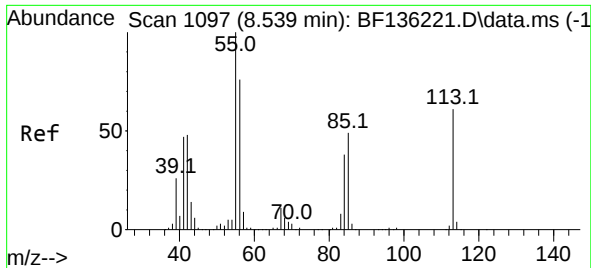
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#34
Hexachlorobutadiene
Concen: 38.920 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

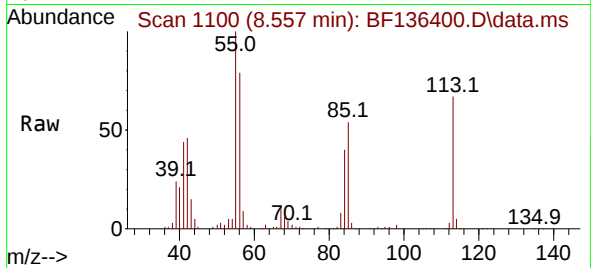
Tgt Ion:225 Resp: 278879
Ion Ratio Lower Upper
225 100
223 63.3 50.6 75.8
227 63.2 49.6 74.4





#35
Caprolactam
Concen: 49.952 ng m
RT: 8.557 min Scan# 1110
Delta R.T. 0.018 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

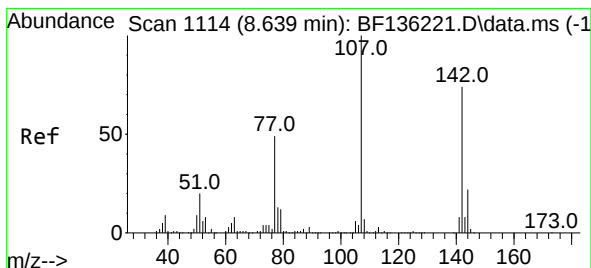
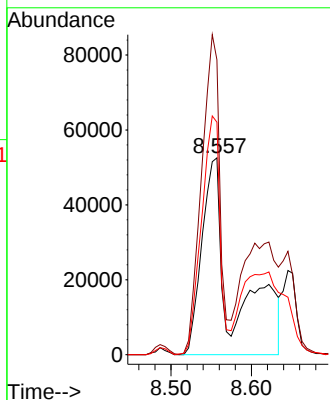
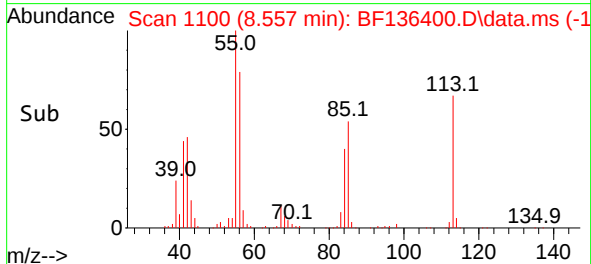
Instrument :
BNA_F
ClientSampleId :
PB157451BS



Tgt Ion:113 Resp: 13969
Ion Ratio Lower Upper
113 100
55 149.8 143.1 183.1
56 118.1 103.6 143.6

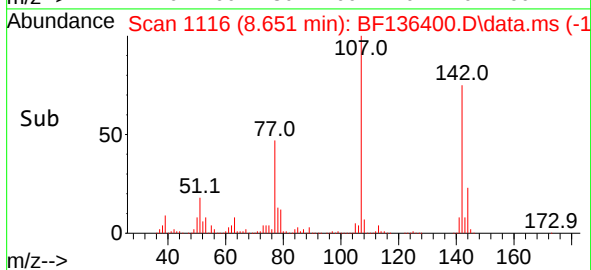
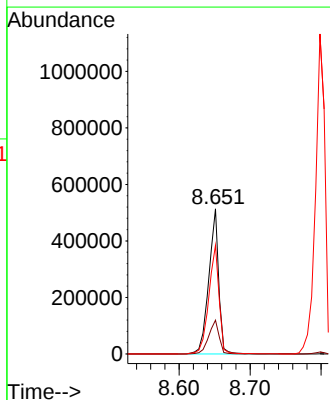
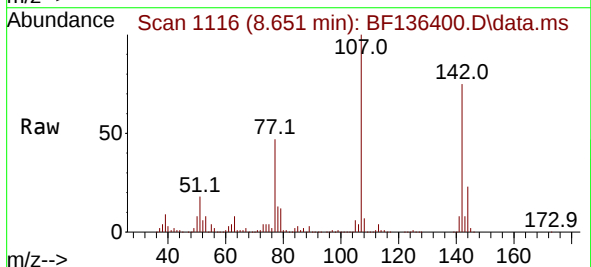
Manual Integrations
APPROVED

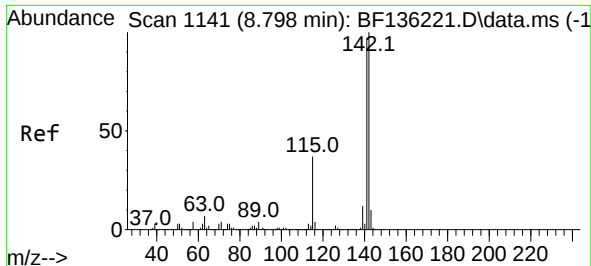
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#36
4-Chloro-3-methylphenol
Concen: 46.299 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Tgt Ion:107 Resp: 502336
Ion Ratio Lower Upper
107 100
144 23.3 17.8 26.8
142 74.8 59.4 89.0





#37

2-Methylnaphthalene

Concen: 43.043 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.006 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS

Tgt Ion:142 Resp: 104659

Ion Ratio Lower Upper

142 100

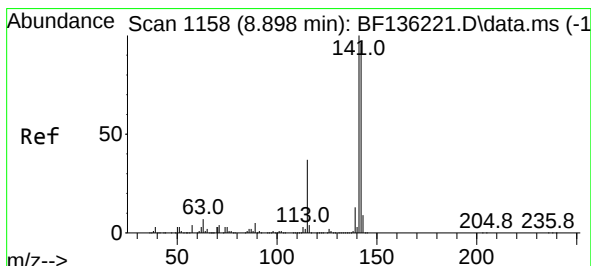
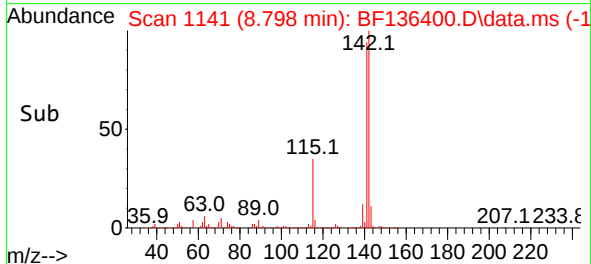
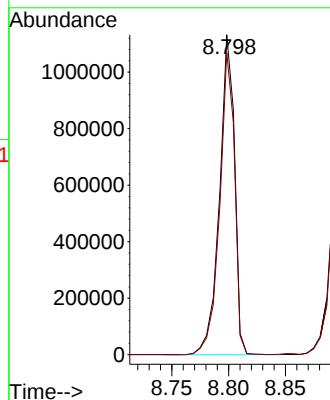
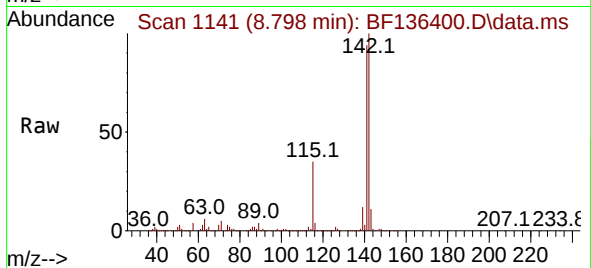
141 94.4 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/07/2023



#38

1-Methylnaphthalene

Concen: 40.809 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF136400.D

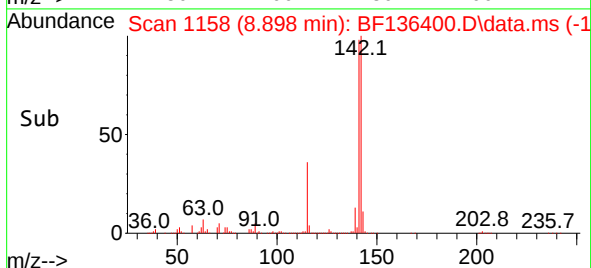
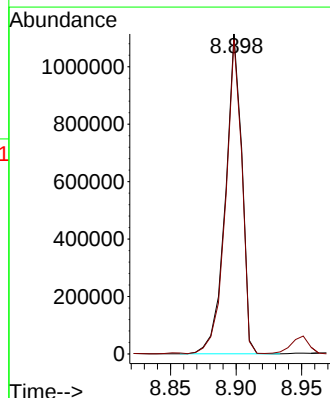
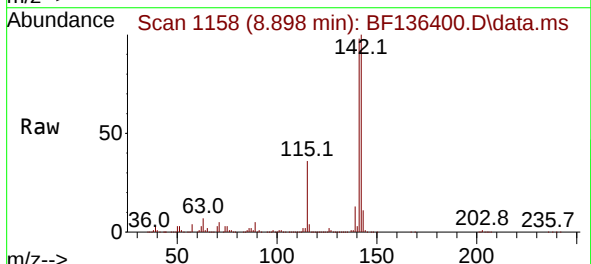
Acq: 05 Dec 2023 11:07

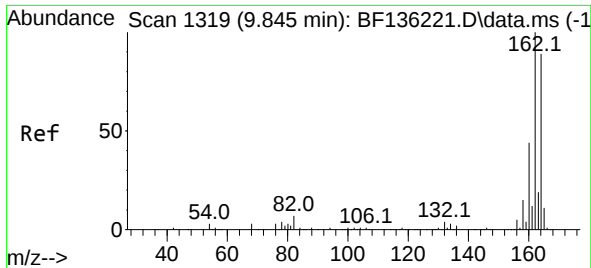
Tgt Ion:142 Resp: 967989

Ion Ratio Lower Upper

142 100

141 98.2 83.8 125.6





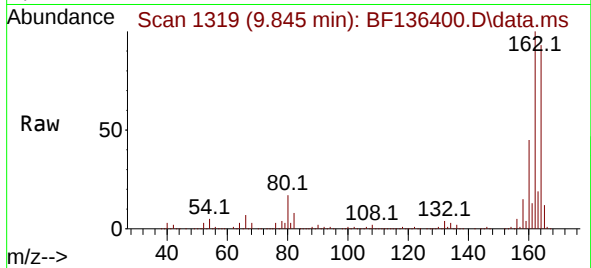
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS

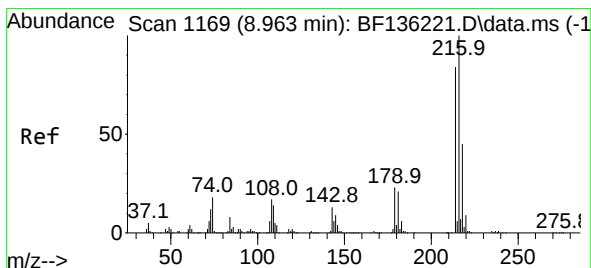
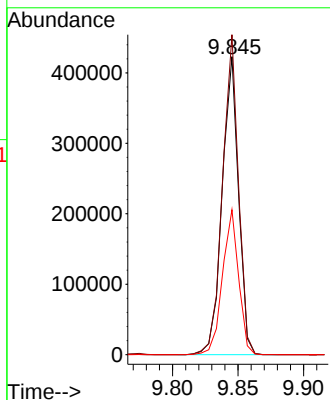
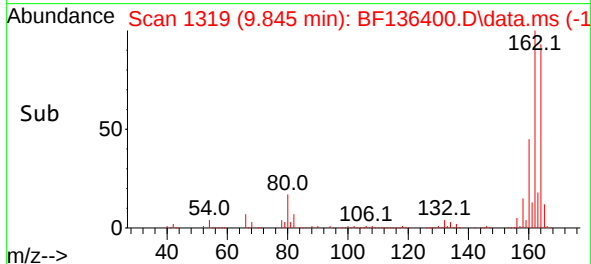


Tgt Ion:164 Resp: 365064
Ion Ratio Lower Upper
164 100
162 107.3 89.5 134.3
160 48.6 39.6 59.4

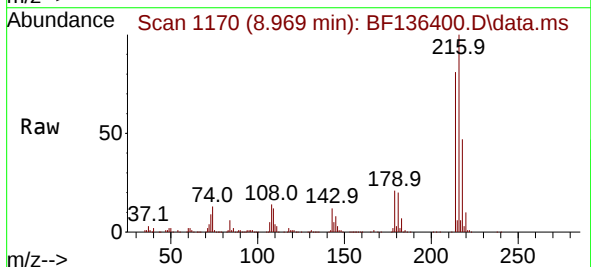
Manual Integrations

APPROVED

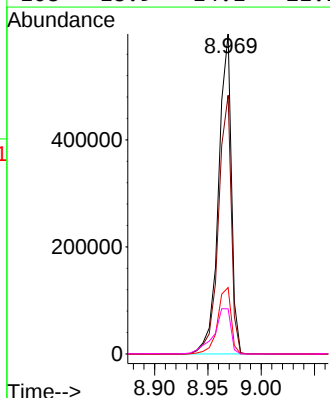
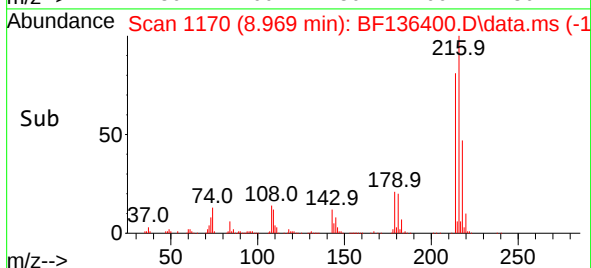
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023

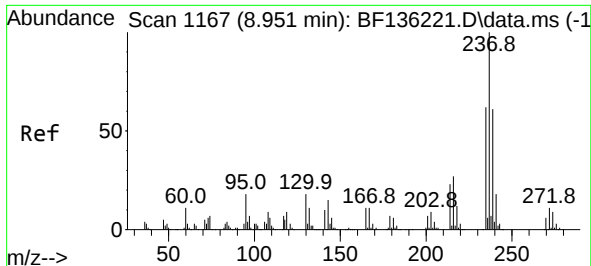


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.812 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07



Tgt Ion:216 Resp: 497395
Ion Ratio Lower Upper
216 100
214 80.9 65.8 98.8
179 21.8 17.4 26.0
108 18.9 14.1 21.1





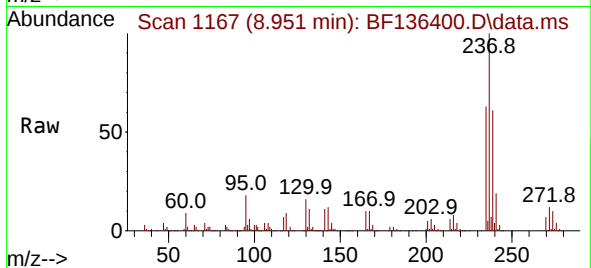
#41
Hexachlorocyclopentadiene
Concen: 115.132 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS

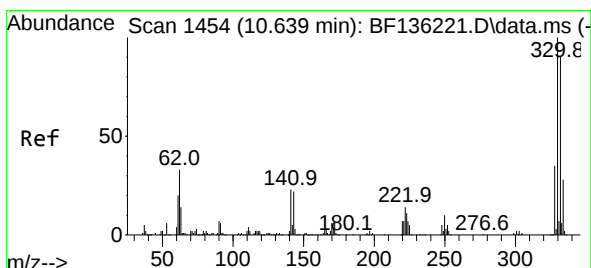
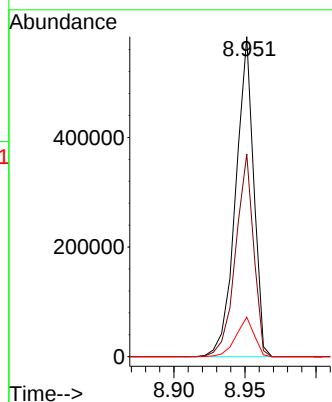
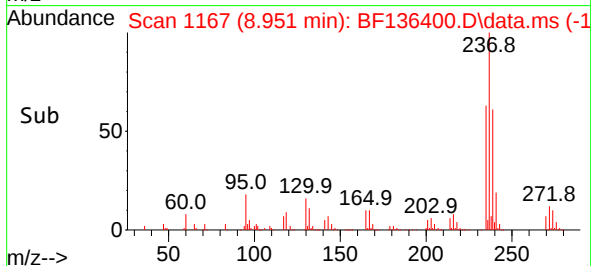


Tgt Ion:237 Resp: 514699
Ion Ratio Lower Upper
237 100
235 63.4 42.1 82.1
272 12.4 0.0 31.0

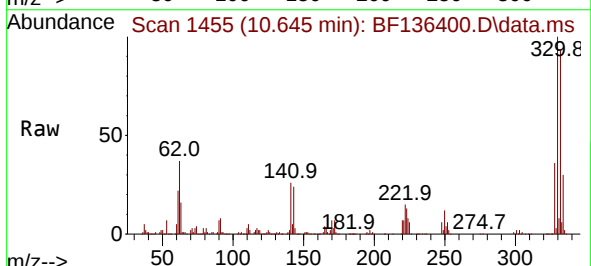
Manual Integrations

APPROVED

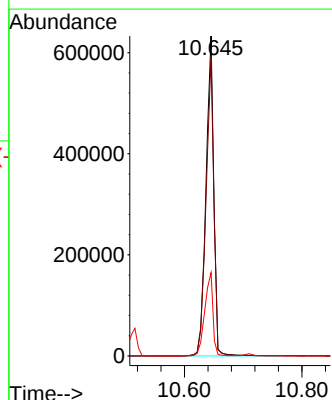
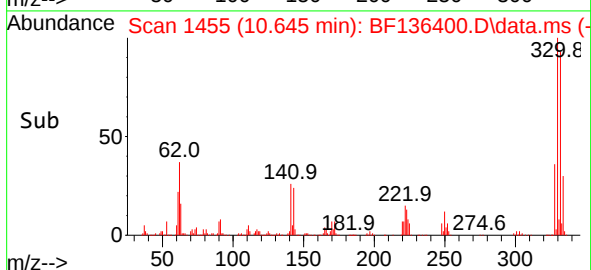
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023

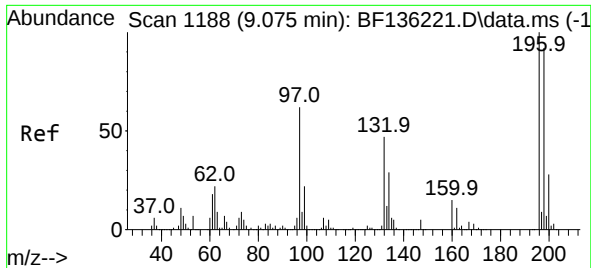


#42
2,4,6-Tribromophenol
Concen: 131.594 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07



Tgt Ion:330 Resp: 587331
Ion Ratio Lower Upper
330 100
332 92.9 73.0 109.6
141 27.2 24.2 36.2





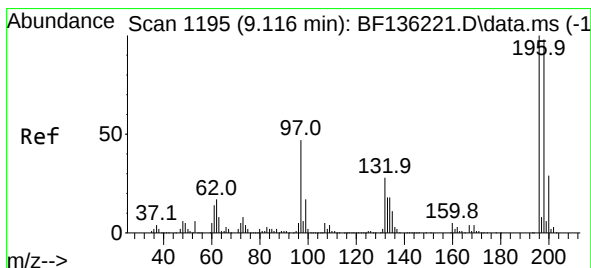
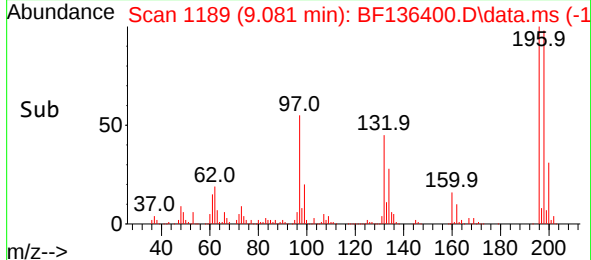
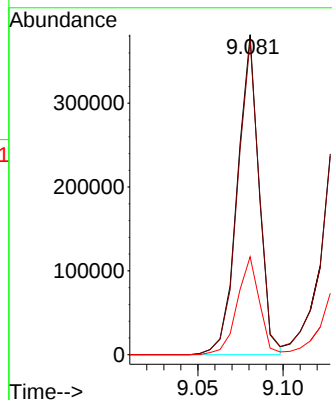
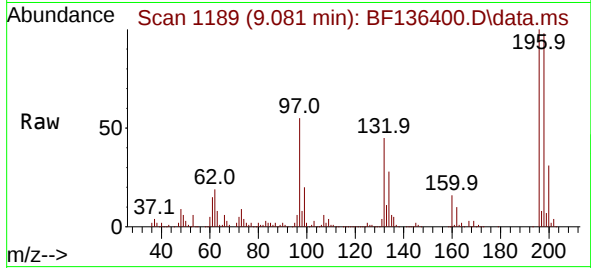
#43
2,4,6-Trichlorophenol
Concen: 44.778 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :
BNA_F
ClientSampleId :
PB157451BS

Tgt Ion:196 Resp: 337670
Ion Ratio Lower Upper
196 100
198 98.2 73.2 109.8
200 30.6 22.4 33.6

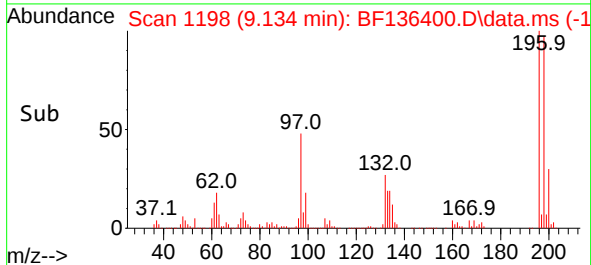
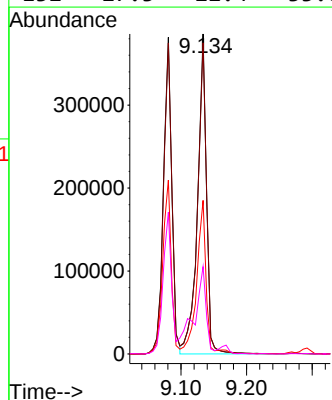
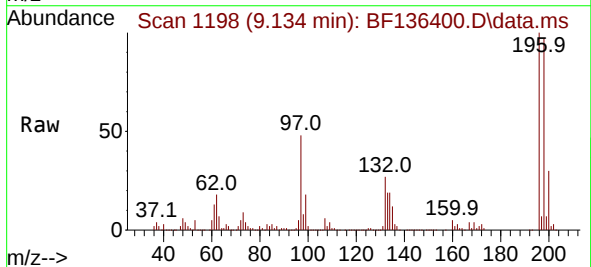
Manual Integrations
APPROVED

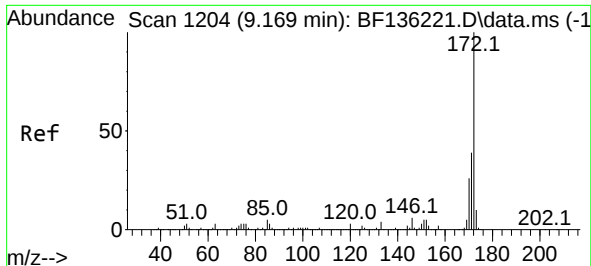
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#44
2,4,5-Trichlorophenol
Concen: 44.877 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.018 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Tgt Ion:196 Resp: 369314
Ion Ratio Lower Upper
196 100
198 97.2 78.8 118.2
97 48.0 37.8 56.8
132 27.3 22.4 33.6





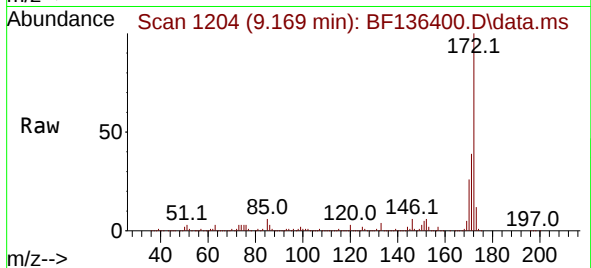
#45
2-Fluorobiphenyl
Concen: 76.648 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS

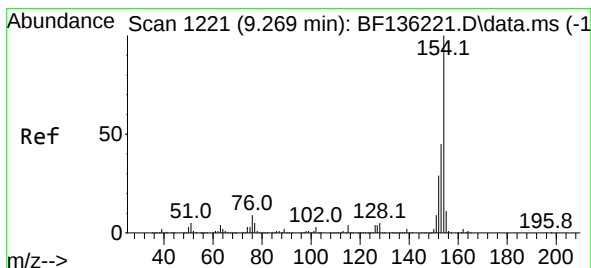
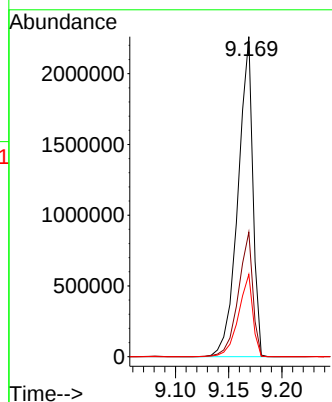
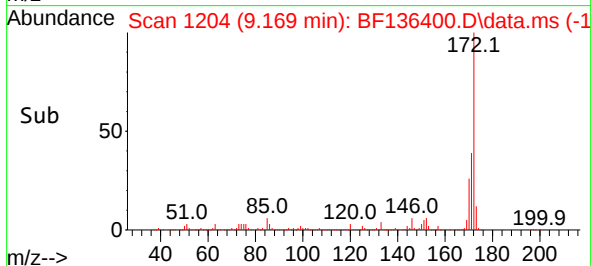


Tgt Ion:172 Resp: 2190674
Ion Ratio Lower Upper
172 100
171 38.9 31.5 47.3
170 25.7 20.8 31.2

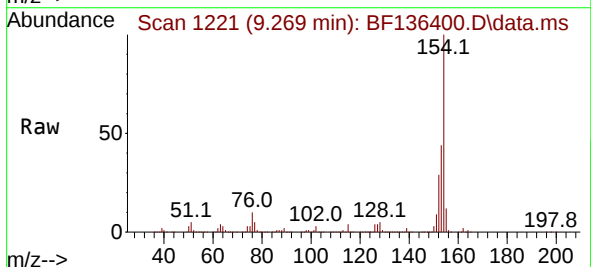
Manual Integrations

APPROVED

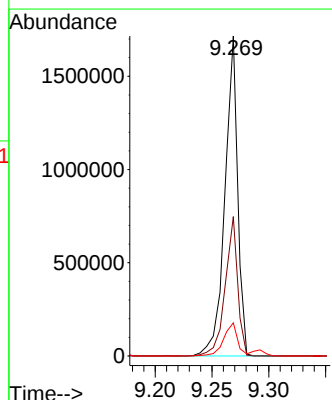
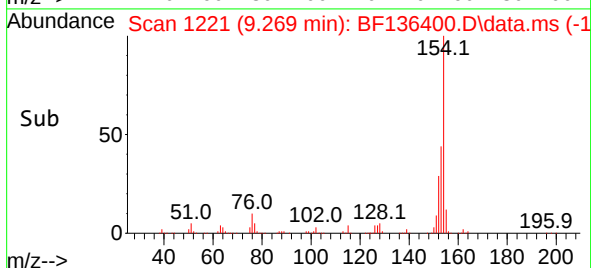
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023

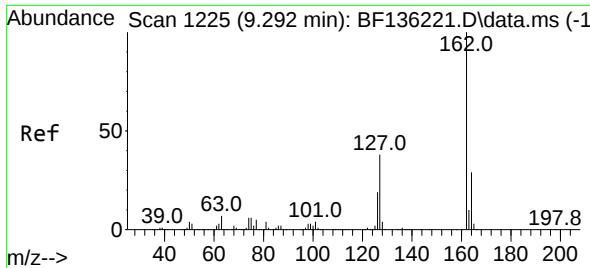


#46
1,1'-Biphenyl
Concen: 41.766 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07



Tgt Ion:154 Resp: 1344571
Ion Ratio Lower Upper
154 100
153 43.6 24.6 64.6
76 10.4 0.0 29.4





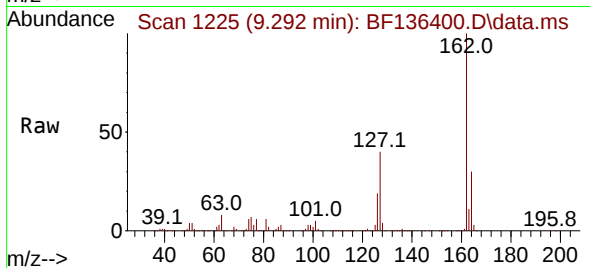
#47
2-Chloronaphthalene
Concen: 41.177 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS

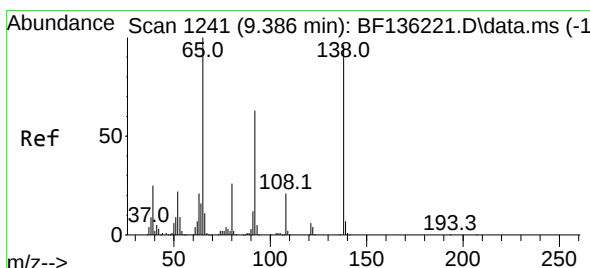
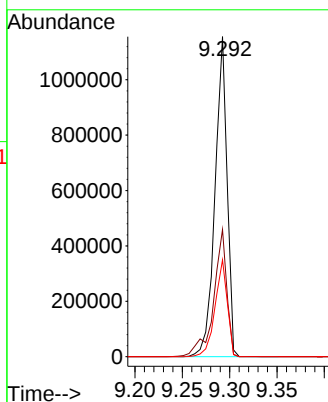
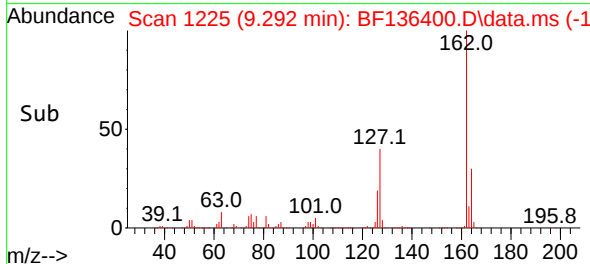


Tgt Ion:162 Resp: 1029456
Ion Ratio Lower Upper
162 100
127 39.7 30.2 45.2
164 30.3 22.8 34.2

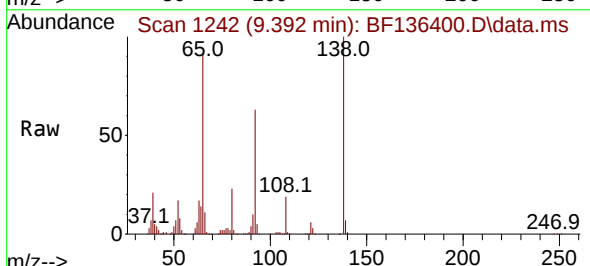
Manual Integrations

APPROVED

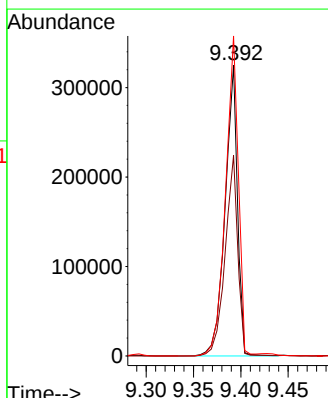
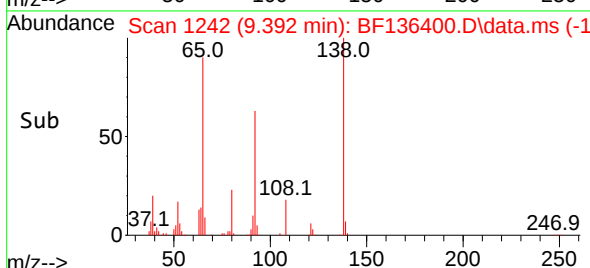
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023

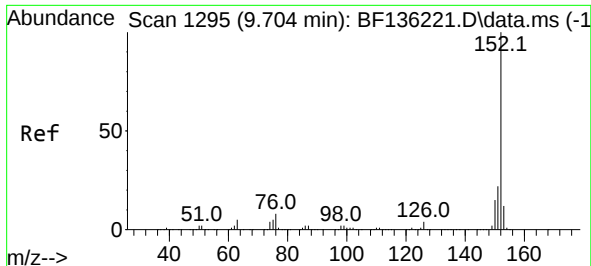


#48
2-Nitroaniline
Concen: 45.711 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07



Tgt Ion: 65 Resp: 298370
Ion Ratio Lower Upper
65 100
92 69.0 50.6 75.8
138 110.0 76.7 115.1





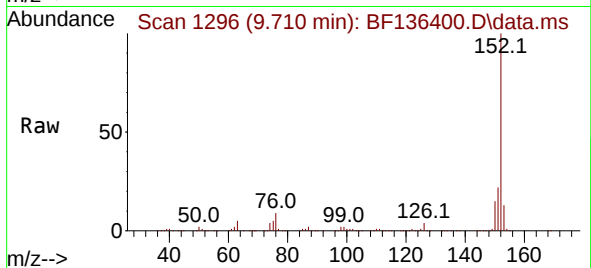
#49
Acenaphthylene
Concen: 42.943 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS

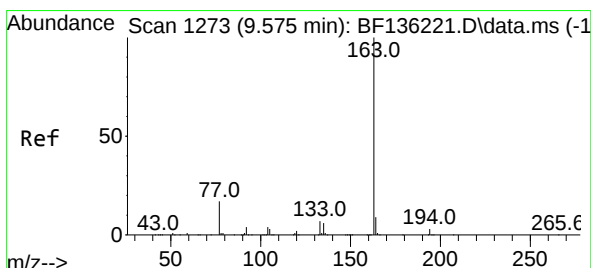
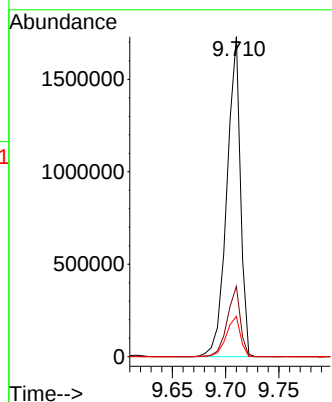
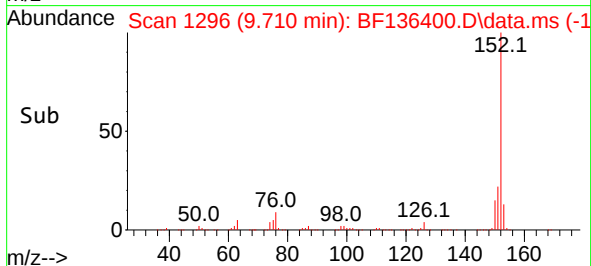


Tgt Ion:152 Resp: 153211
Ion Ratio Lower Upper
152 100
151 21.9 17.5 26.3
153 12.6 9.6 14.4

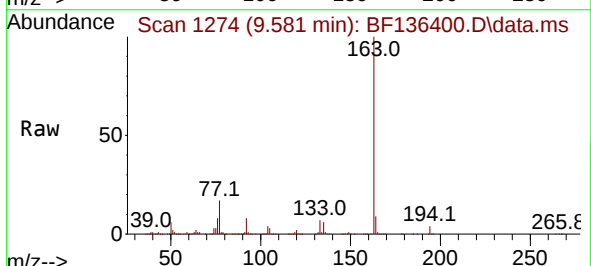
Manual Integrations

APPROVED

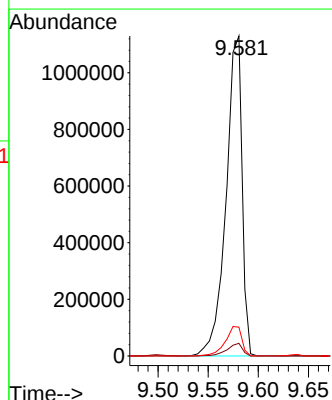
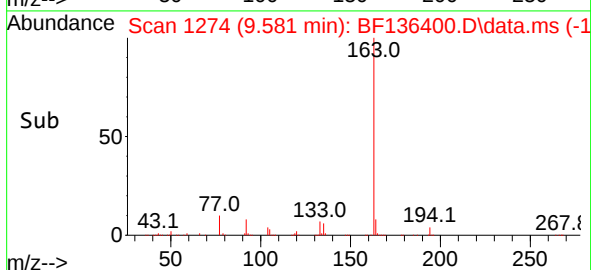
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023

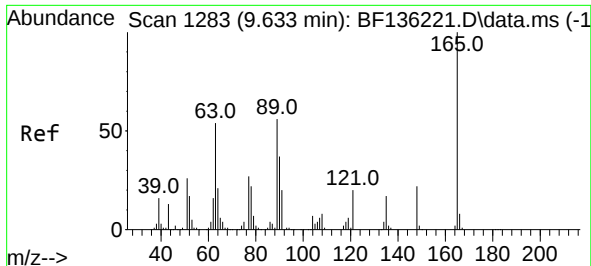


#50
Dimethylphthalate
Concen: 45.480 ng
RT: 9.581 min Scan# 1274
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07



Tgt Ion:163 Resp: 1254888
Ion Ratio Lower Upper
163 100
194 3.9 2.5 3.7#
164 9.0 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 46.538 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.012 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

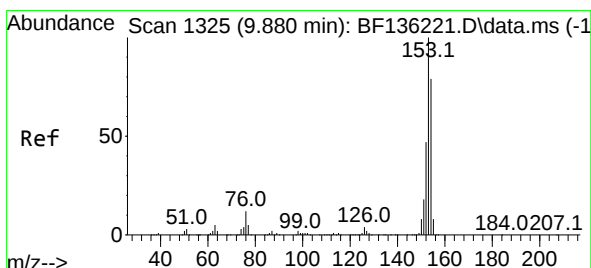
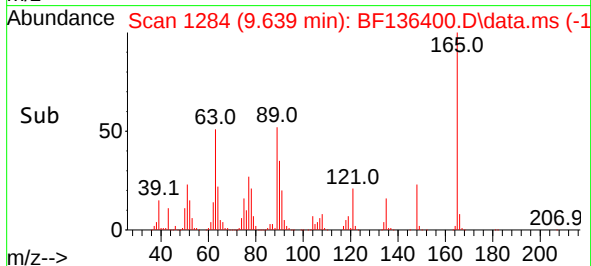
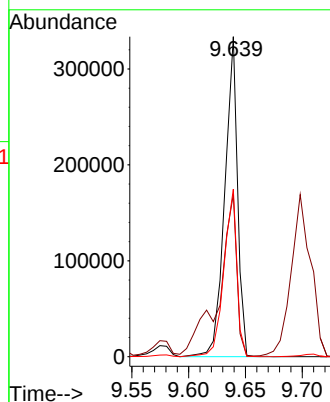
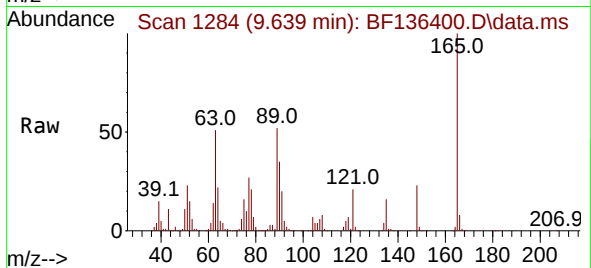
PB157451BS

Tgt Ion:165 Resp: 262328
 Ion Ratio Lower Upper
 165 100
 63 50.8 46.2 69.2
 89 52.3 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/07/2023



#52

Acenaphthene

Concen: 42.668 ng

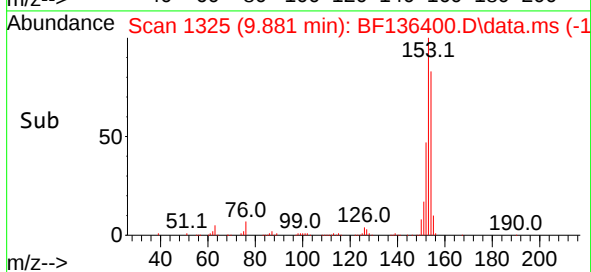
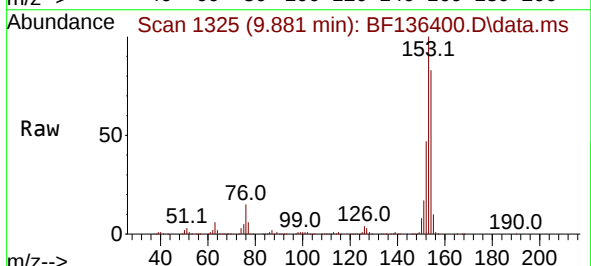
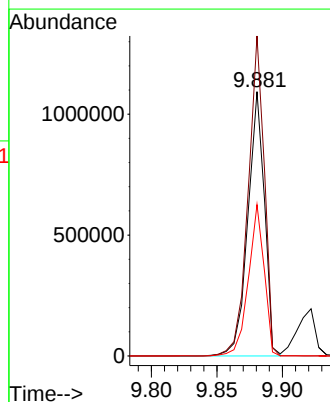
RT: 9.881 min Scan# 1325

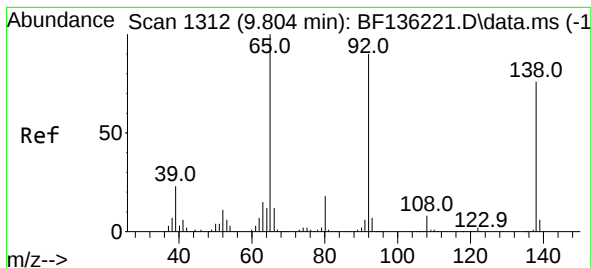
Delta R.T. 0.006 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

Tgt Ion:154 Resp: 962011
 Ion Ratio Lower Upper
 154 100
 153 121.1 100.8 151.2
 152 57.2 47.0 70.6





#53
3-Nitroaniline
Concen: 42.091 ng
RT: 9.810 min Scan# 1312
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

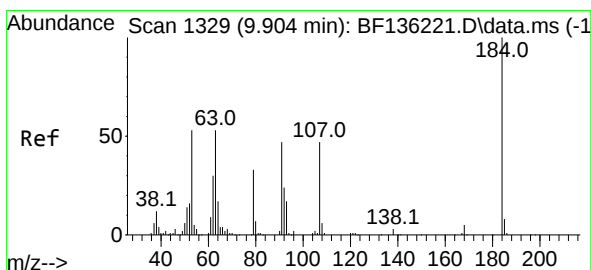
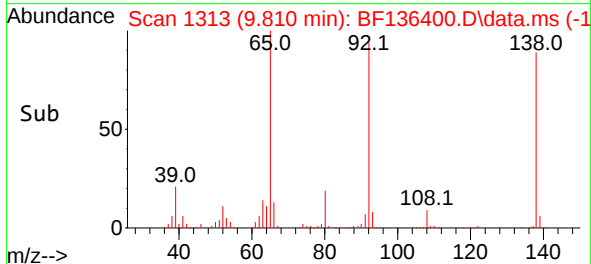
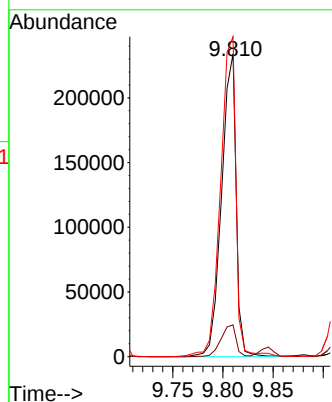
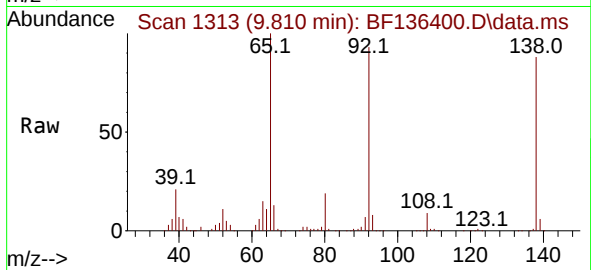
ClientSampleId :

PB157451BS

Tgt Ion:138 Resp: 23542
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 105.7 94.2 141.4

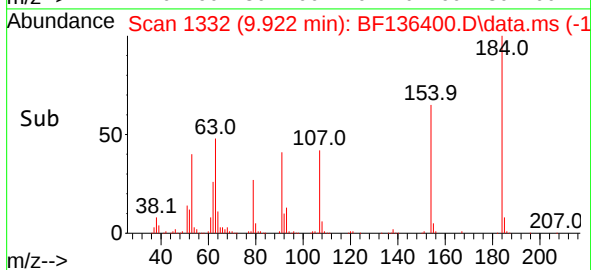
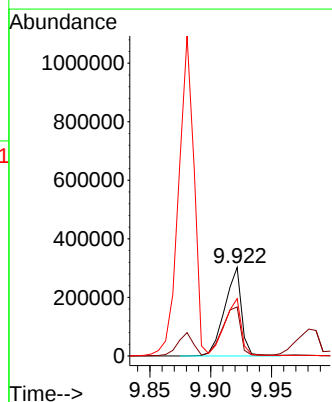
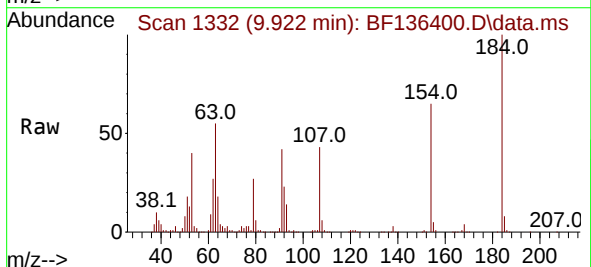
Manual Integrations
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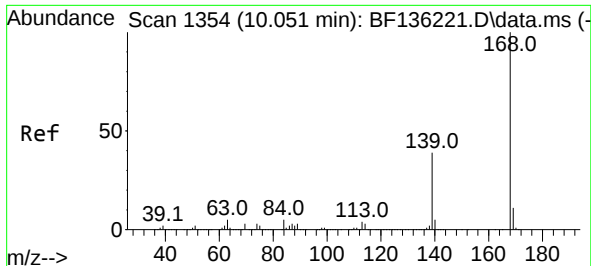
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#54
2,4-Dinitrophenol
Concen: 111.750 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.018 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Tgt Ion:184 Resp: 292968
Ion Ratio Lower Upper
184 100
63 55.5 55.0 82.4
154 64.8 54.9 82.3





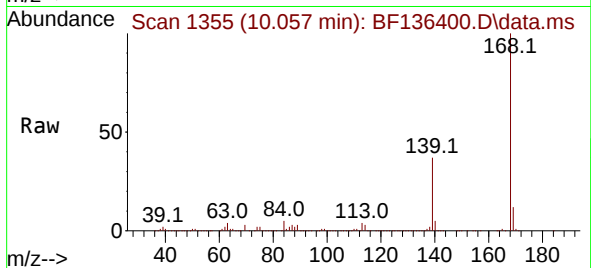
#55
Dibenzenofuran
Concen: 41.010 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS



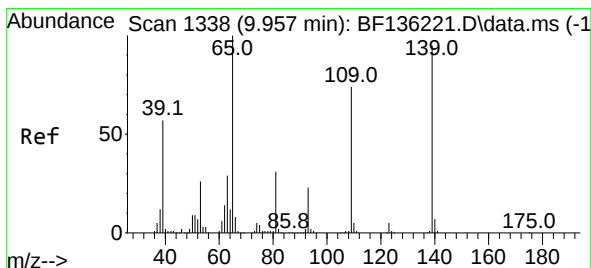
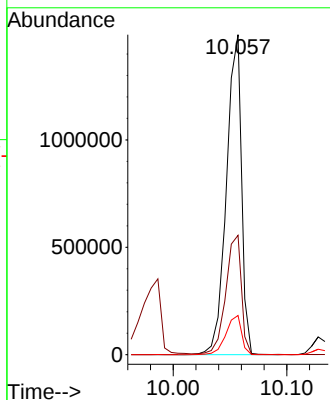
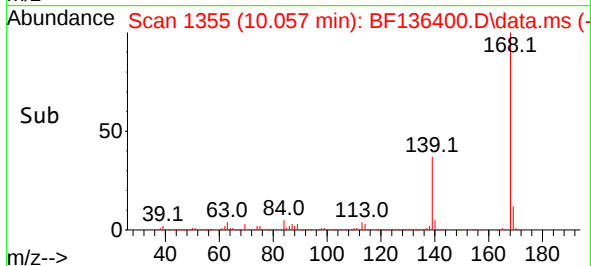
Tgt Ion:168 Resp: 137588
Ion Ratio Lower Upper
168 100
139 37.3 30.9 46.3
169 12.3 9.1 13.7

Manual Integrations

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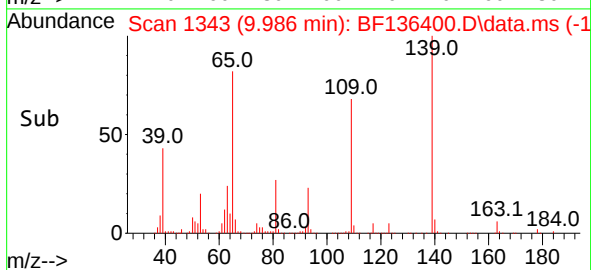
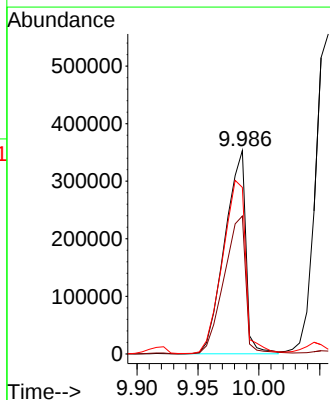
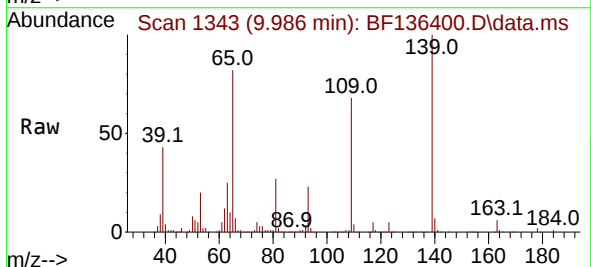
Reviewed By :Yogesh Patel 12/06/2023

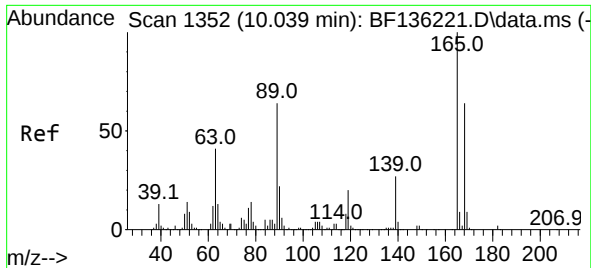
Supervised By :mohammad ahmed 12/07/2023



#56
4-Nitrophenol
Concen: 100.065 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.030 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Tgt Ion:139 Resp: 425072
Ion Ratio Lower Upper
139 100
109 67.8 57.8 97.8
65 82.0 86.0 126.0#





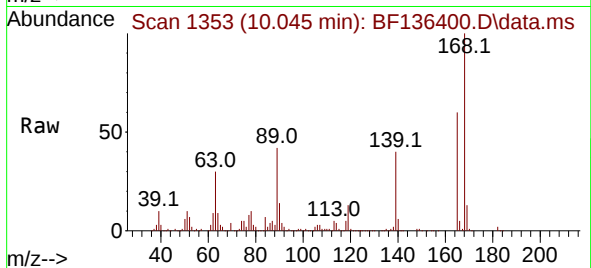
#57
2,4-Dinitrotoluene
Concen: 46.978 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS



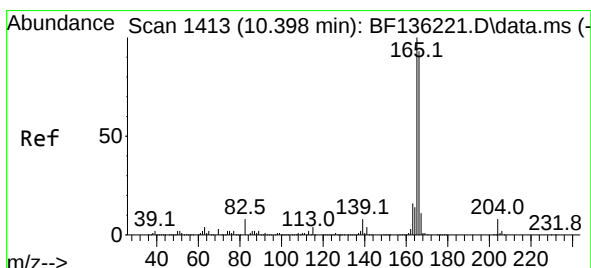
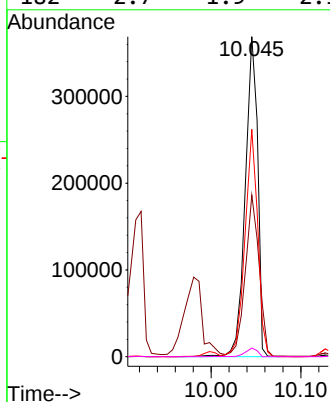
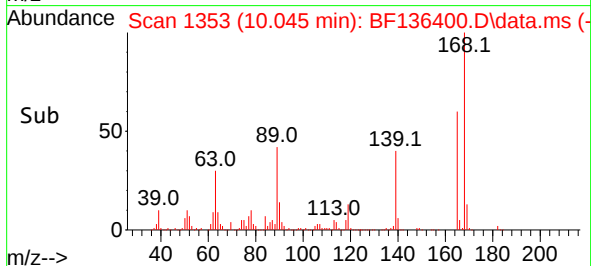
Tgt Ion:165 Resp: 35372
Ion Ratio Lower Upper
165 100
63 50.5 33.0 49.4
89 71.1 51.5 77.3
182 2.7 1.9 2.9

Manual Integrations

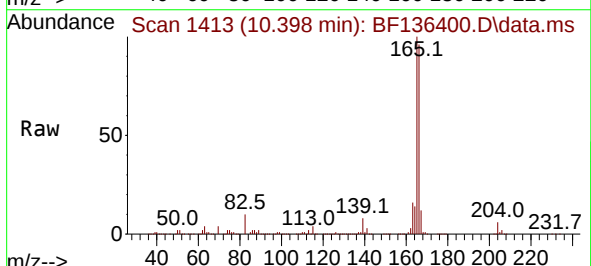
APPROVED

Reviewed By :Yogesh Patel 12/06/2023

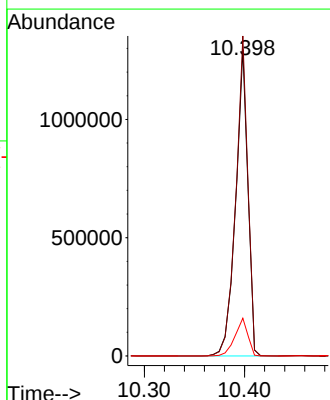
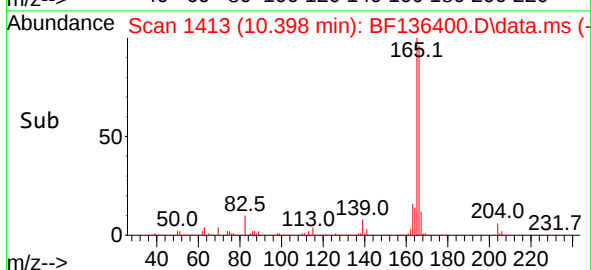
Supervised By :mohammad ahmed 12/07/2023

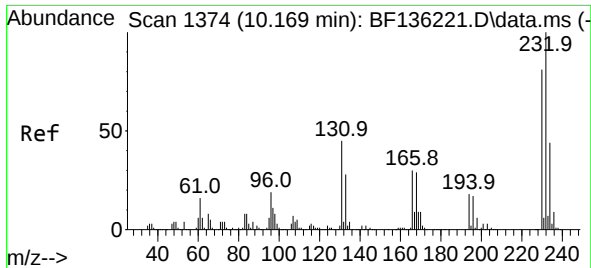


#58
Fluorene
Concen: 41.964 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07



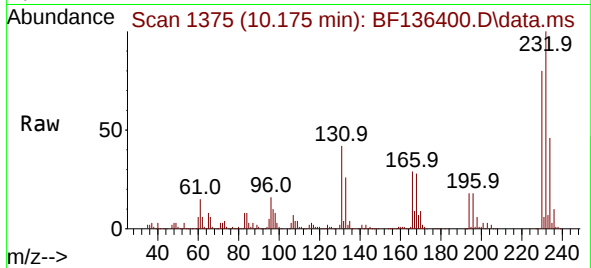
Tgt Ion:166 Resp: 1104324
Ion Ratio Lower Upper
166 100
165 104.4 86.2 129.4
167 12.3 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.973 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

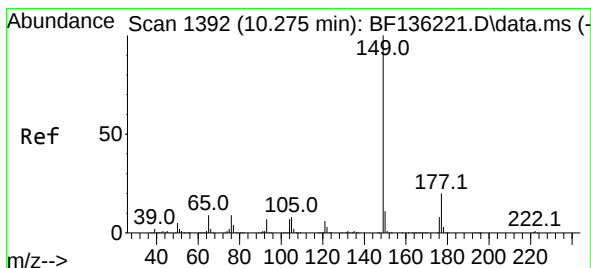
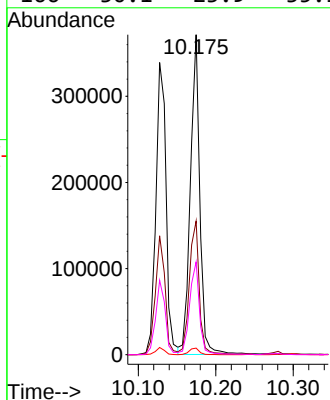
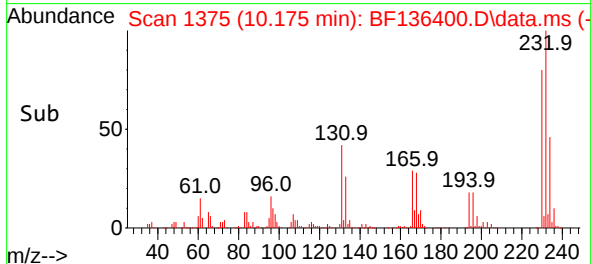
Instrument :
BNA_F
ClientSampleId :
PB157451BS



Tgt Ion:232 Resp: 31411
Ion Ratio Lower Upper
232 100
131 43.4 36.4 54.6
130 2.2 1.9 2.9
166 30.1 23.9 35.9

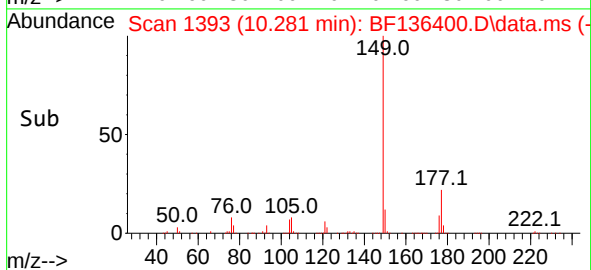
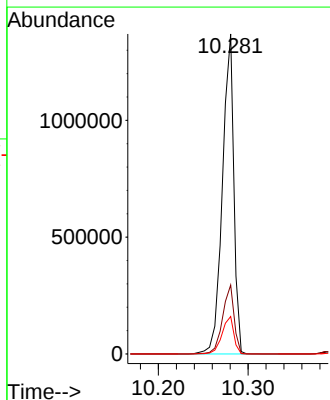
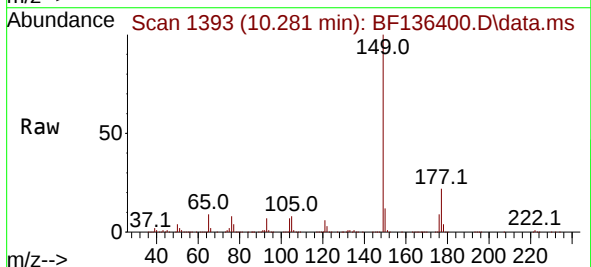
Manual Integrations
APPROVED

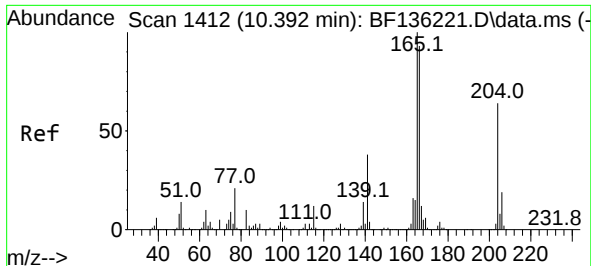
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#60
Diethylphthalate
Concen: 43.818 ng
RT: 10.281 min Scan# 1393
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Tgt Ion:149 Resp: 1209420
Ion Ratio Lower Upper
149 100
177 21.5 15.8 23.6
150 11.7 8.8 13.2





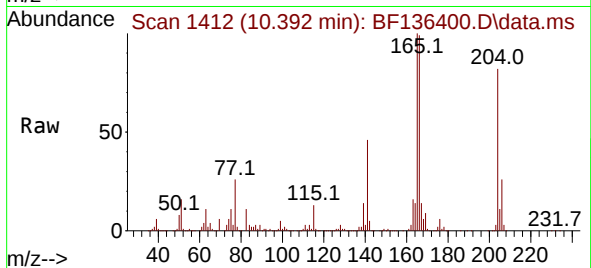
#61
4-Chlorophenyl-phenylether
Concen: 42.477 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS

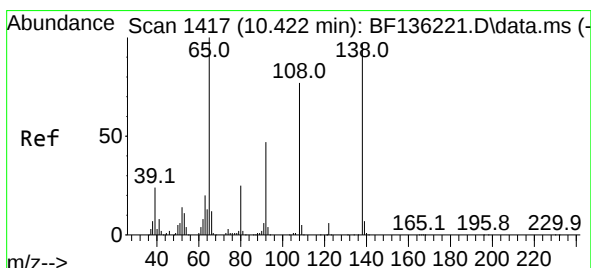
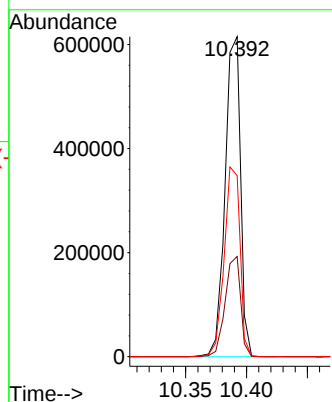
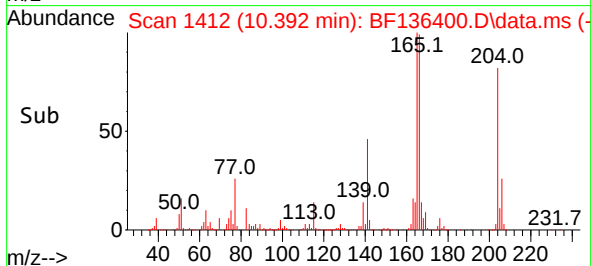


Tgt Ion:204 Resp: 54285
Ion Ratio Lower Upper
204 100
206 31.3 23.4 35.0
141 56.6 47.6 71.4

Manual Integrations

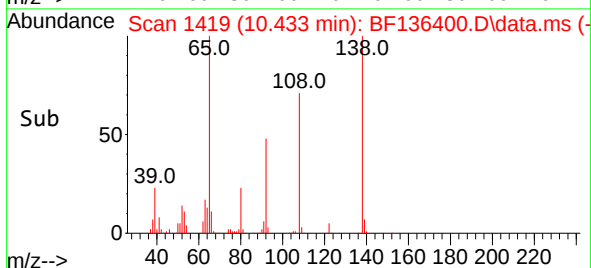
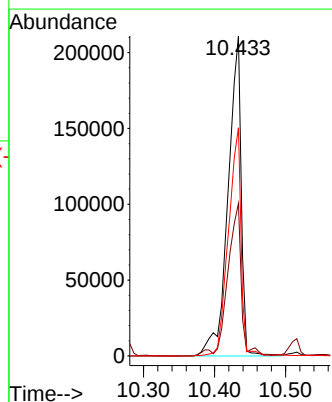
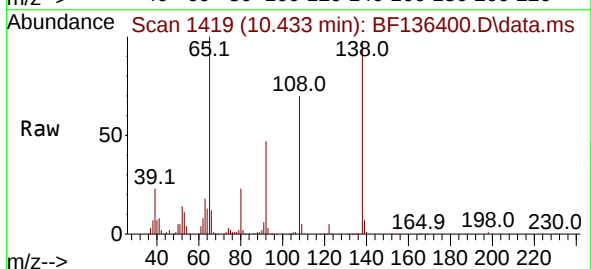
APPROVED

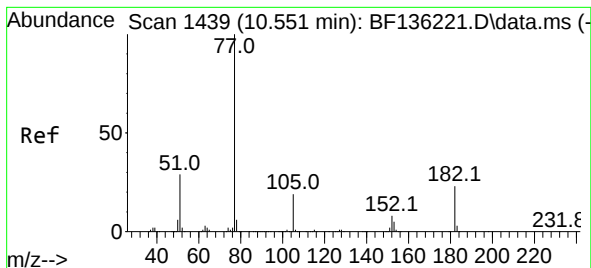
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#62
4-Nitroaniline
Concen: 49.482 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.018 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

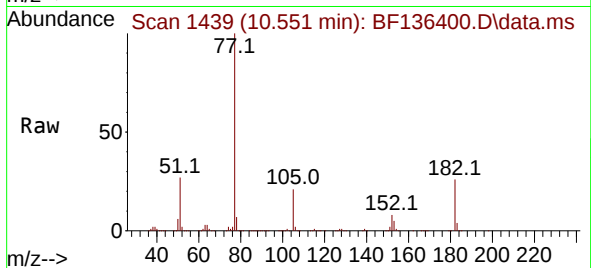
Tgt Ion:138 Resp: 270905
Ion Ratio Lower Upper
138 100
92 47.7 28.5 68.5
108 71.3 59.8 99.8





#63
Azobenzene
Concen: 42.032 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

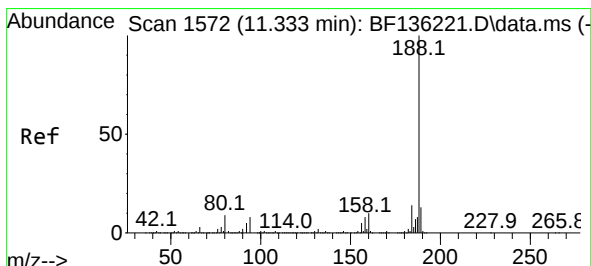
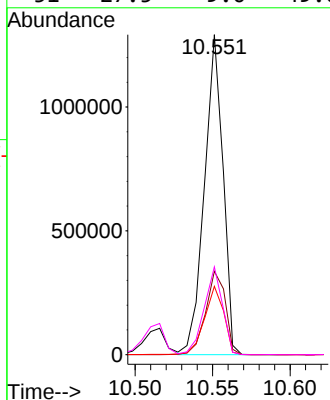
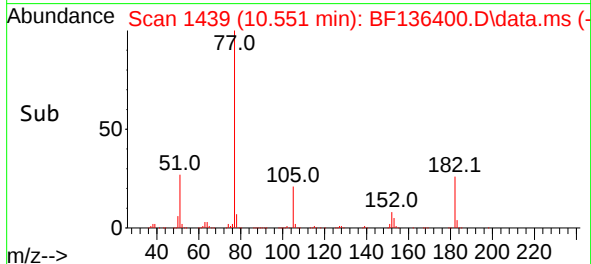
Instrument :
BNA_F
ClientSampleId :
PB157451BS



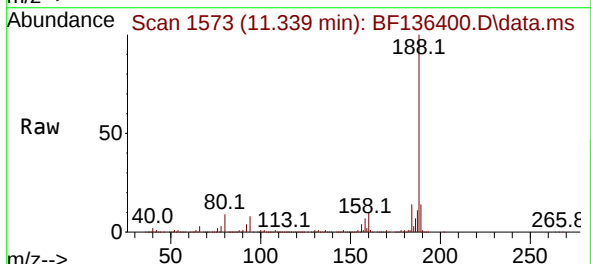
Tgt Ion: 77 Resp: 1075530
Ion Ratio Lower Upper
77 100
182 26.0 3.3 43.3
105 21.3 0.0 39.5
51 27.5 9.0 49.0

Manual Integrations
APPROVED

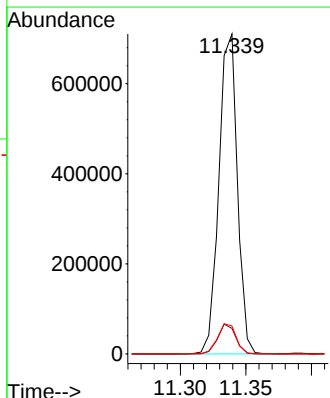
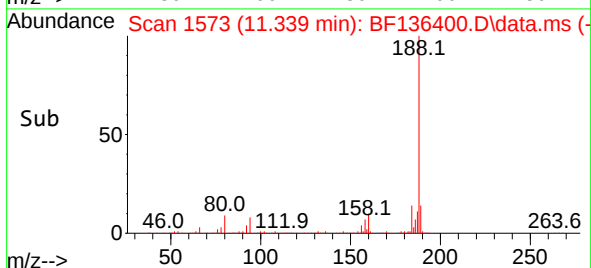
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023

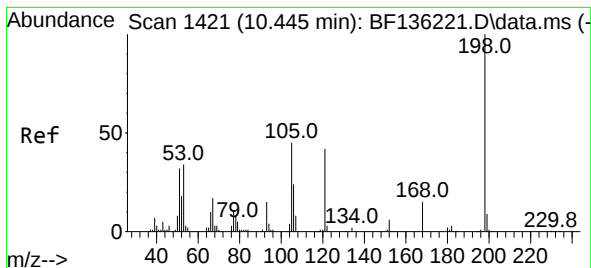


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07



Tgt Ion:188 Resp: 695524
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.7 7.2 10.8





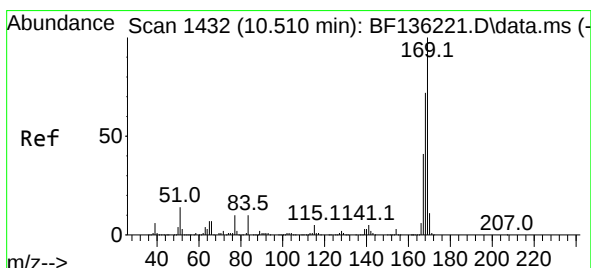
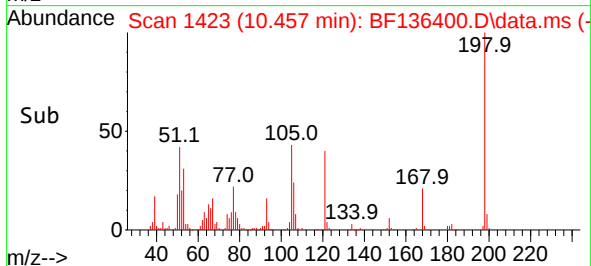
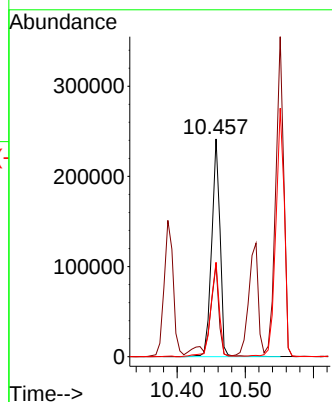
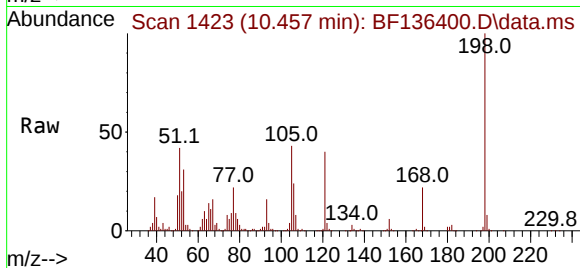
#65
4,6-Dinitro-2-methylphenol
Concen: 54.126 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :
BNA_F
Client SampleId :
PB157451BS

Tgt Ion:198 Resp: 205861
Ion Ratio Lower Upper
198 100
51 42.3 28.2 68.2
105 43.4 25.7 65.7

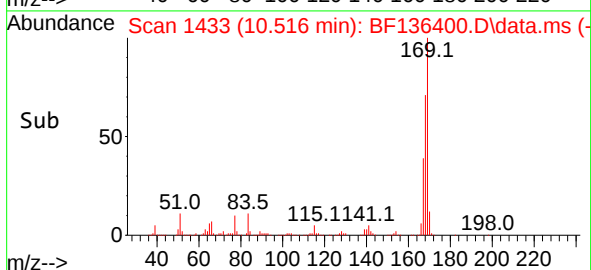
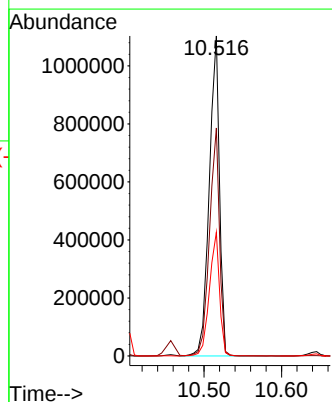
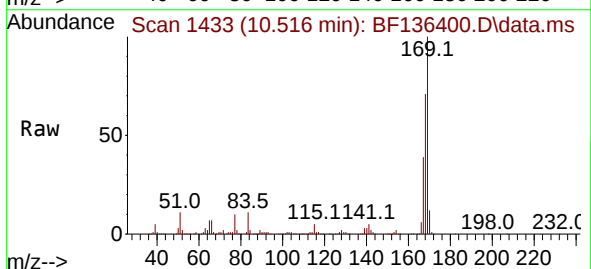
Manual Integrations
APPROVED

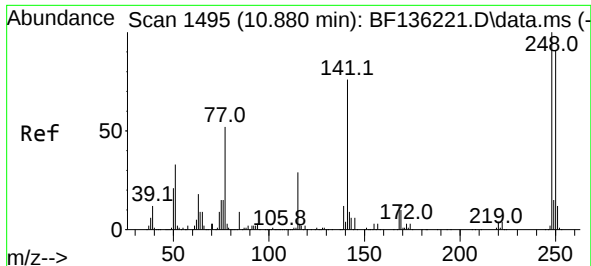
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#66
n-Nitrosodiphenylamine
Concen: 45.285 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

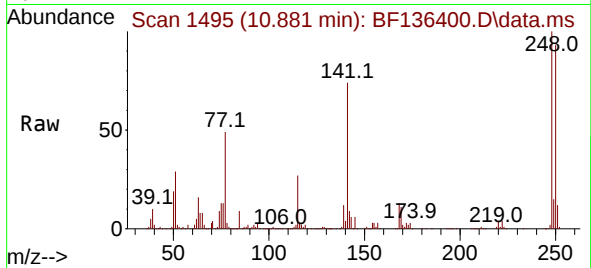
Tgt Ion:169 Resp: 1009359
Ion Ratio Lower Upper
169 100
168 71.3 57.8 86.6
167 38.6 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 44.387 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

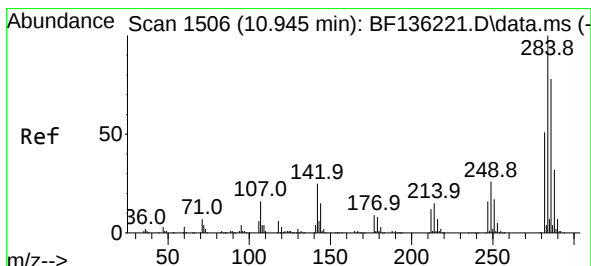
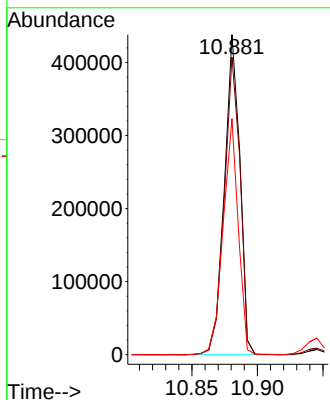
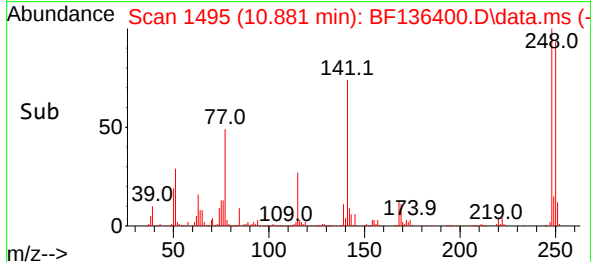
Instrument :
BNA_F
ClientSampleId :
PB157451BS



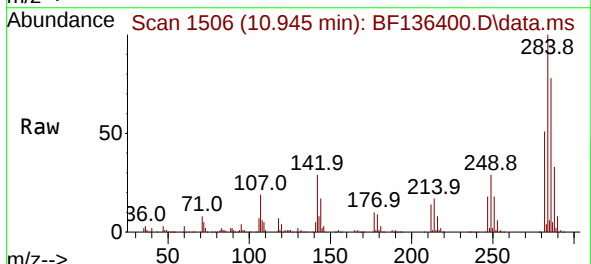
Tgt Ion:248 Resp: 36017
Ion Ratio Lower Upper
248 100
250 93.0 72.5 108.7
141 73.8 60.8 91.2

Manual Integrations
APPROVED

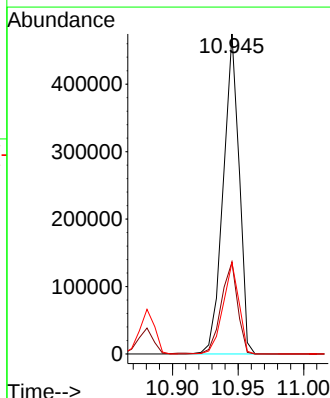
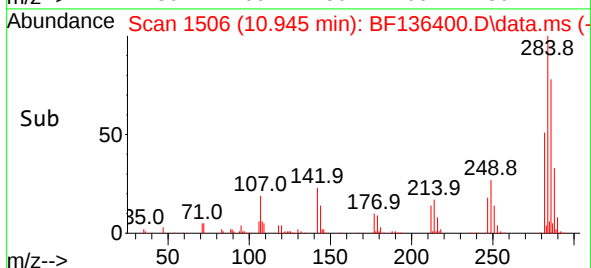
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023

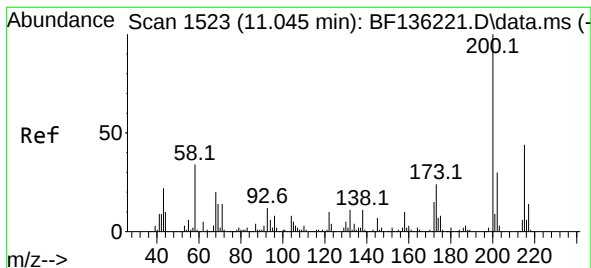


#68
Hexachlorobenzene
Concen: 42.515 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07



Tgt Ion:284 Resp: 399269
Ion Ratio Lower Upper
284 100
142 28.7 19.8 29.8
249 28.6 21.0 31.4





#69

Atrazine

Concen: 35.762 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.012 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

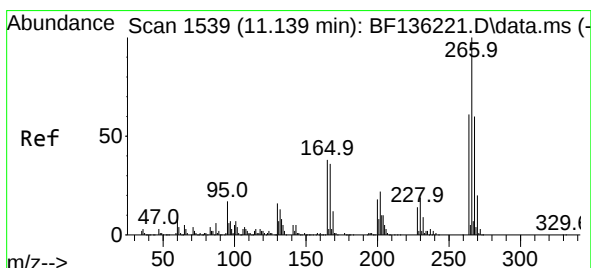
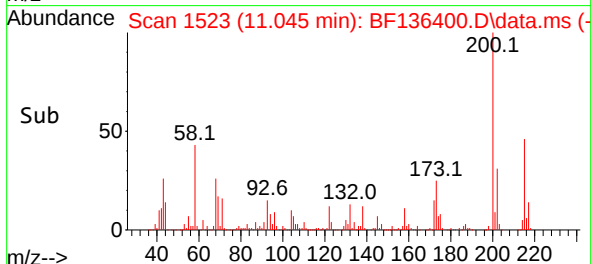
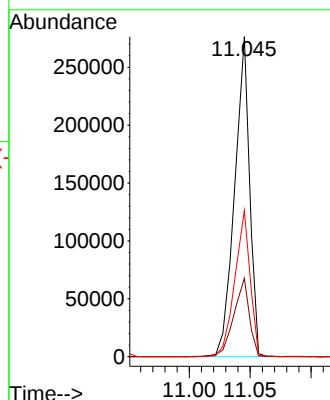
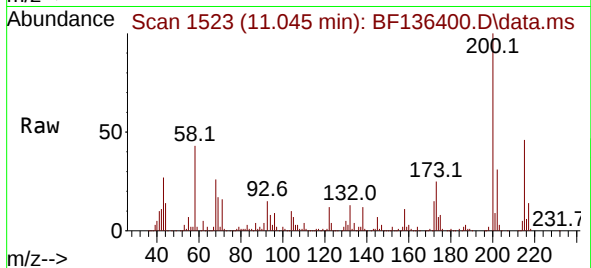
PB157451BS

Tgt Ion:200 Resp: 236455
 Ion Ratio Lower Upper
 200 100
 173 24.5 4.3 44.3
 215 45.7 23.8 63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/07/2023



#70

Pentachlorophenol

Concen: 80.409 ng

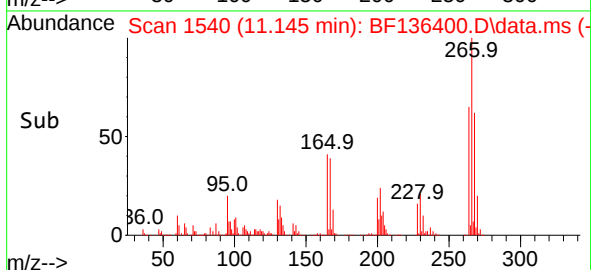
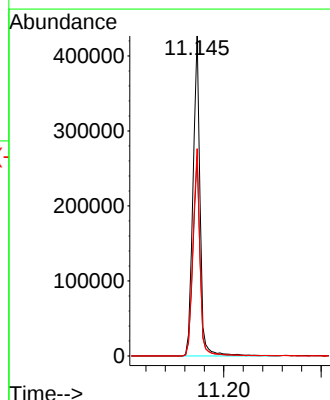
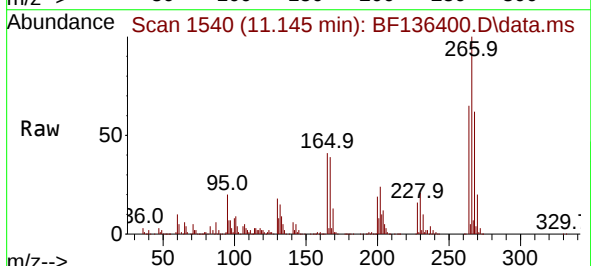
RT: 11.145 min Scan# 1540

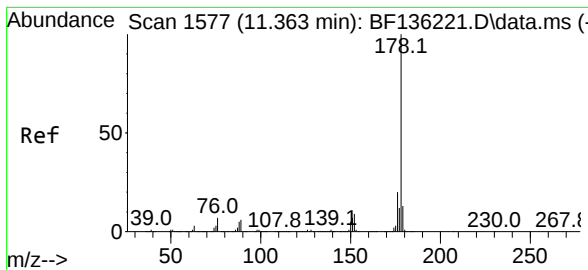
Delta R.T. 0.012 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

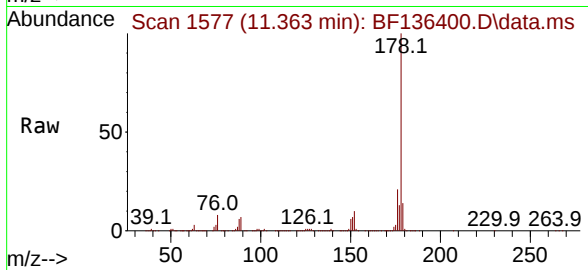
Tgt Ion:266 Resp: 426855
 Ion Ratio Lower Upper
 266 100
 268 62.4 47.9 71.9
 264 64.8 49.1 73.7





#71
Phenanthrene
Concen: 43.498 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

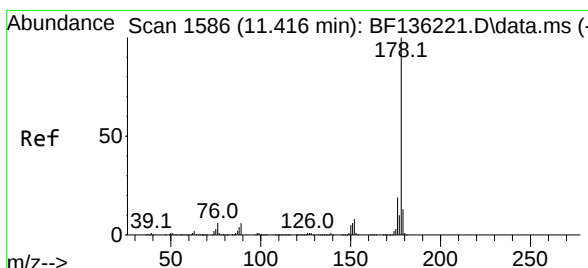
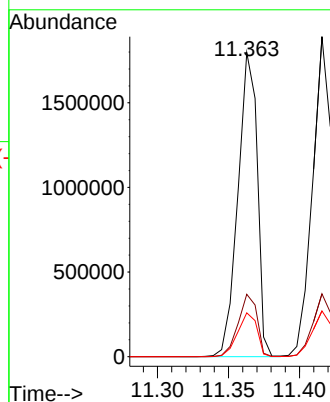
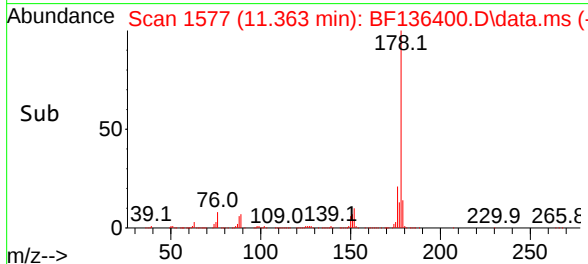
Instrument :
BNA_F
ClientSampleId :
PB157451BS



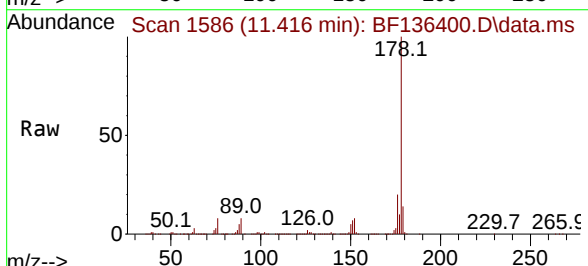
Tgt Ion:178 Resp: 1700408
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.2
179 14.4 10.3 15.5

Manual Integrations
APPROVED

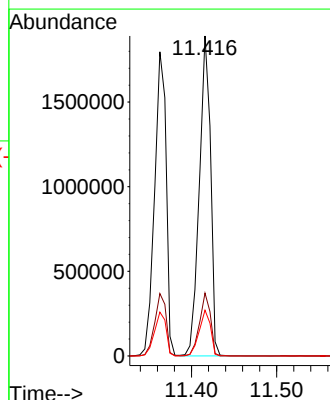
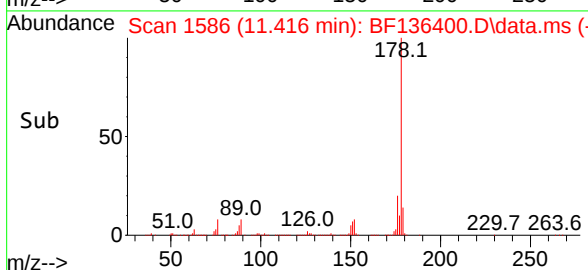
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023

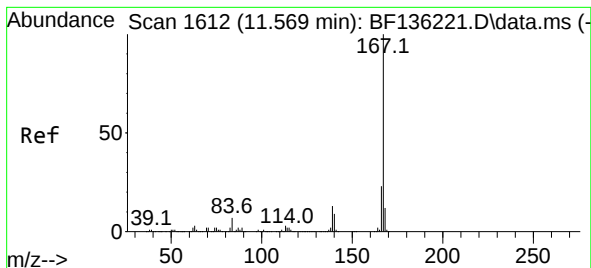


#72
Anthracene
Concen: 44.235 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07



Tgt Ion:178 Resp: 1734105
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 14.3 10.5 15.7





#73

Carbazole

Concen: 43.758 ng

RT: 11.575 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS

Tgt Ion:167 Resp: 145896

Ion Ratio Lower Upper

167 100

166 23.0 18.4 27.6

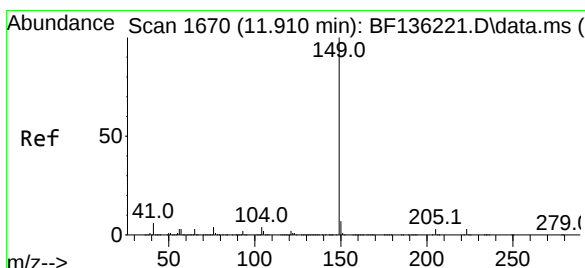
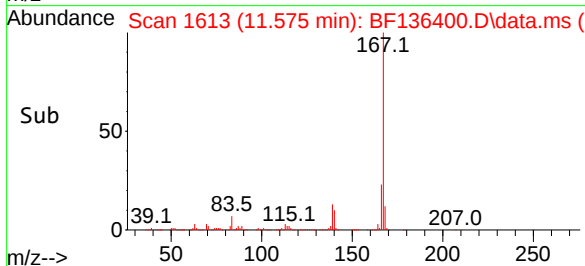
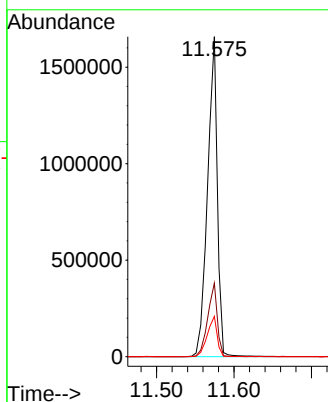
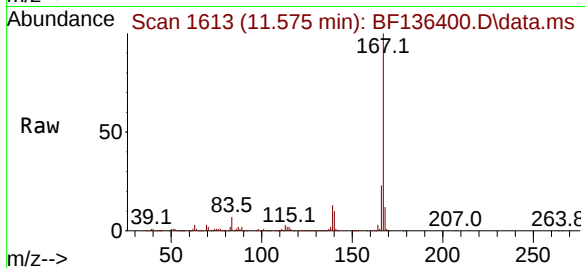
139 12.6 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/07/2023



#74

Di-n-butylphthalate

Concen: 46.919 ng

RT: 11.904 min Scan# 1669

Delta R.T. 0.006 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

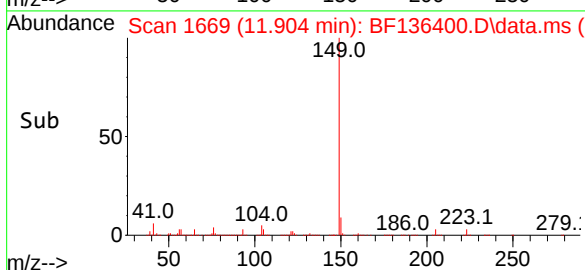
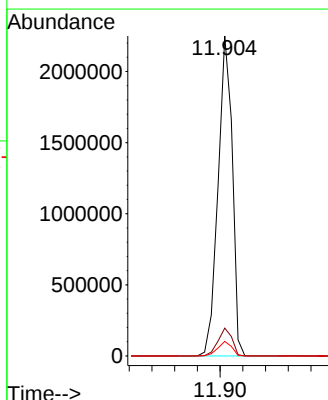
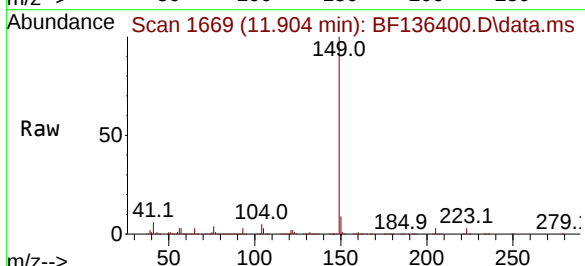
Tgt Ion:149 Resp: 1957349

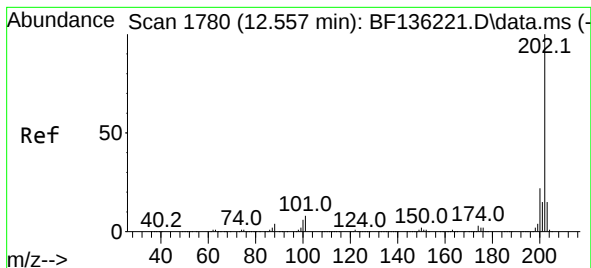
Ion Ratio Lower Upper

149 100

150 8.7 6.0 9.0

104 4.6 3.5 5.3





#75

Fluoranthene

Concen: 41.250 ng

RT: 12.557 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF136400.D

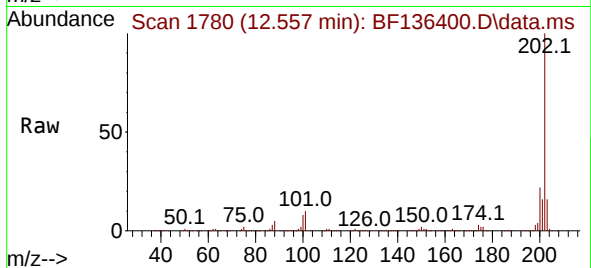
Acq: 05 Dec 2023 11:07

Instrument :

BNF

ClientSampleId :

PB157451BS



Tgt Ion:202 Resp: 163698

Ion Ratio Lower Upper

202 100

101 10.3 0.0 27.8

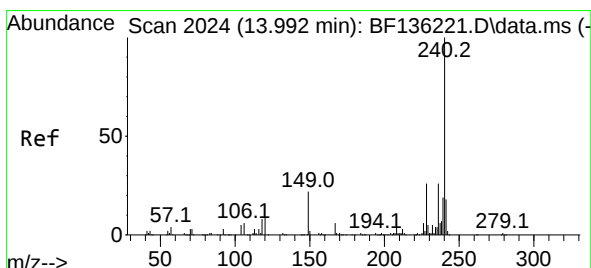
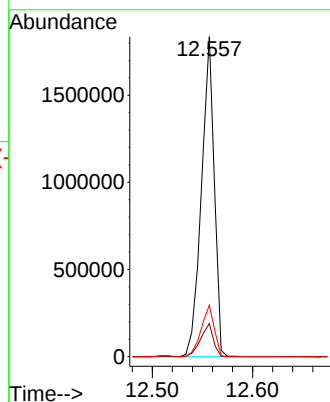
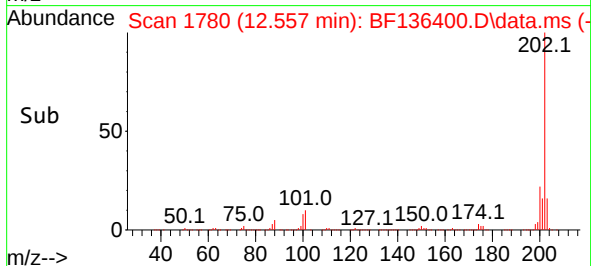
203 16.1 0.0 34.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/07/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.012 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

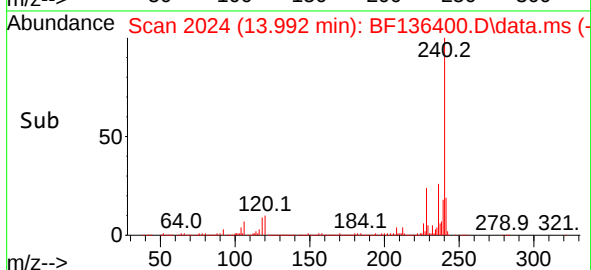
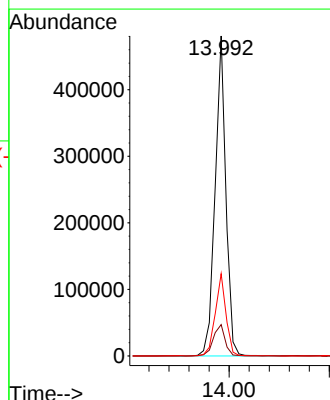
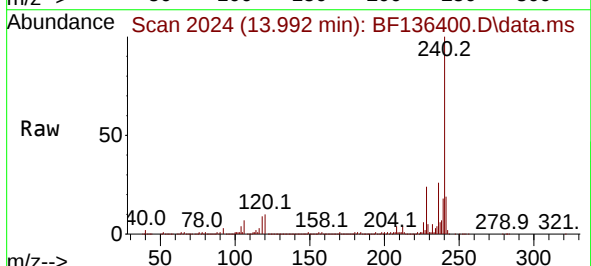
Tgt Ion:240 Resp: 357062

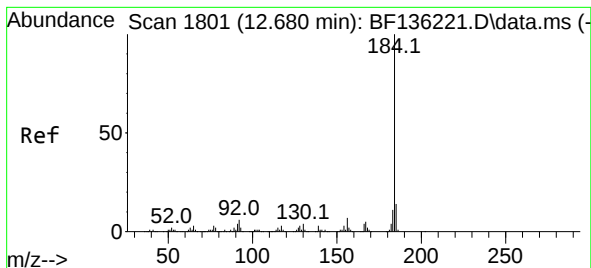
Ion Ratio Lower Upper

240 100

120 9.8 7.4 11.2

236 25.7 21.1 31.7





#77

Benzidine

Concen: 54.045 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.012 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

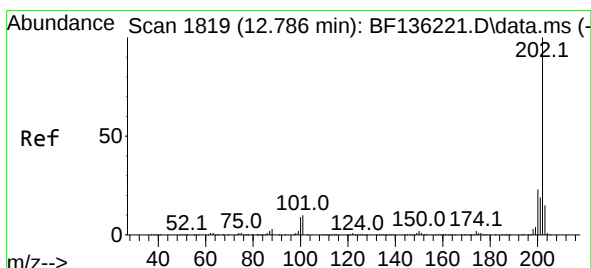
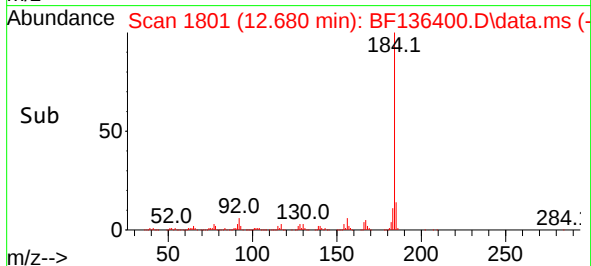
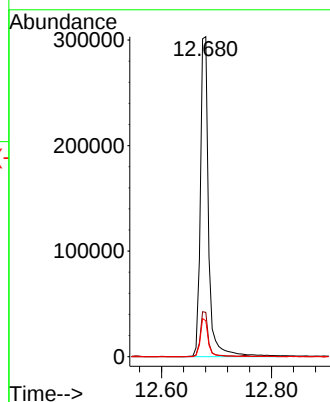
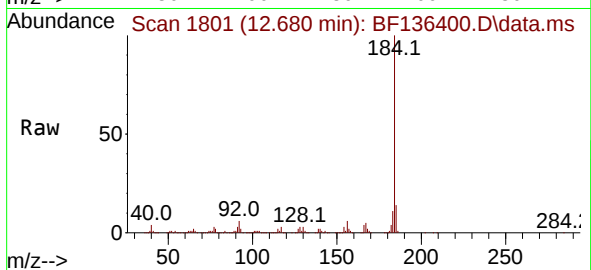
PB157451BS

Tgt Ion:	184	Resp:	317214
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.0	16.6
183	11.3	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#78

Pyrene

Concen: 41.574 ng

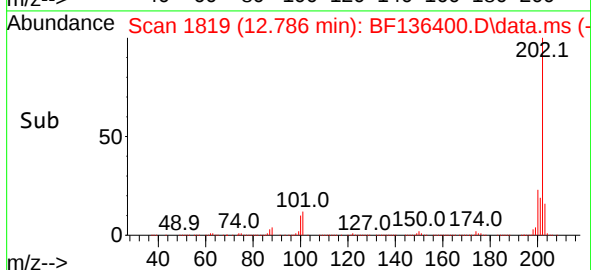
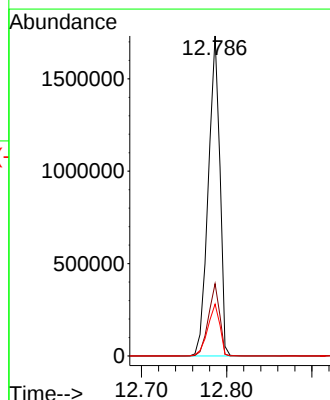
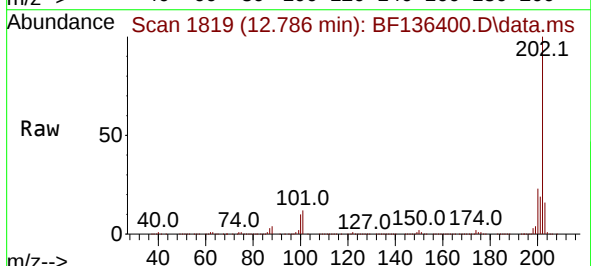
RT: 12.786 min Scan# 1819

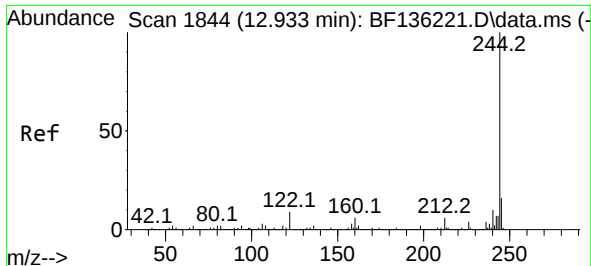
Delta R.T. 0.012 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

Tgt Ion:	202	Resp:	1625737
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.4	27.6
203	16.2	11.8	17.6





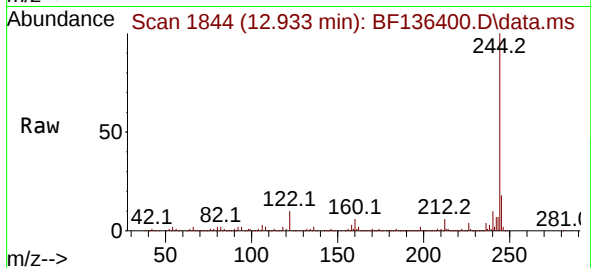
#79
 Terphenyl-d14
 Concen: 82.569 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.006 min
 Lab File: BF136400.D
 Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS

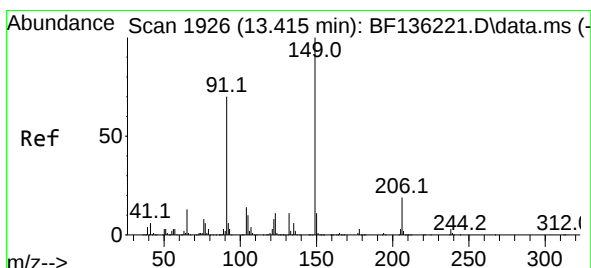
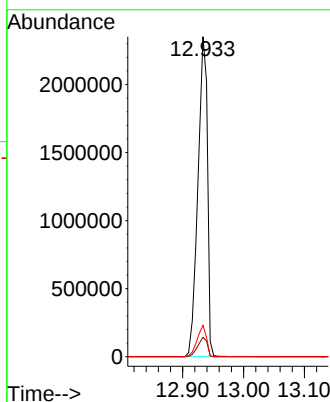
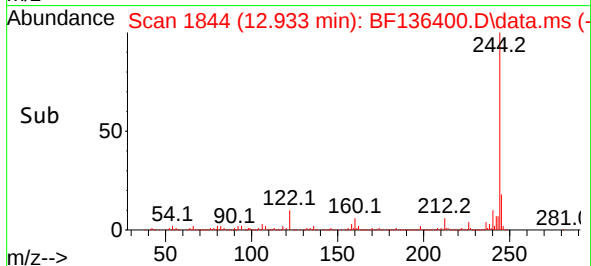


Tgt Ion:244 Resp: 255593
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 9.8 7.3 10.9

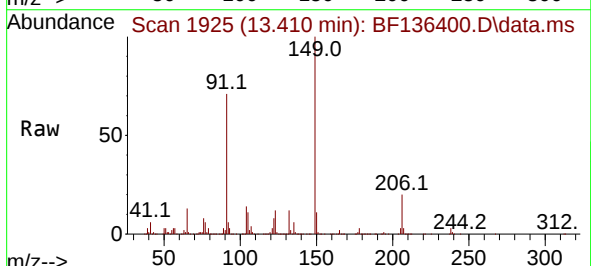
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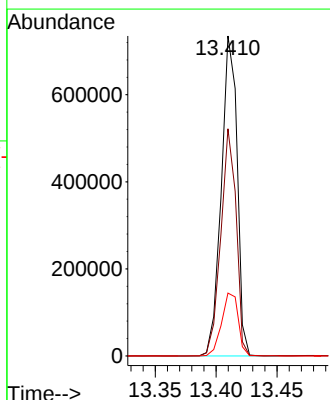
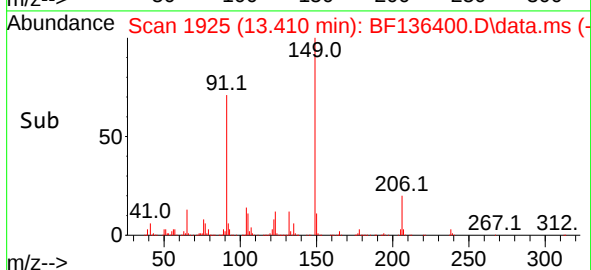
Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/07/2023

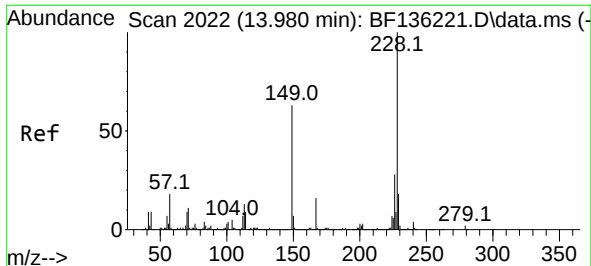


#80
 Butylbenzylphthalate
 Concen: 54.695 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. 0.006 min
 Lab File: BF136400.D
 Acq: 05 Dec 2023 11:07



Tgt Ion:149 Resp: 665650
 Ion Ratio Lower Upper
 149 100
 91 71.0 56.4 84.6
 206 19.6 14.8 22.2





#81
Benzo(a)anthracene
Concen: 41.764 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

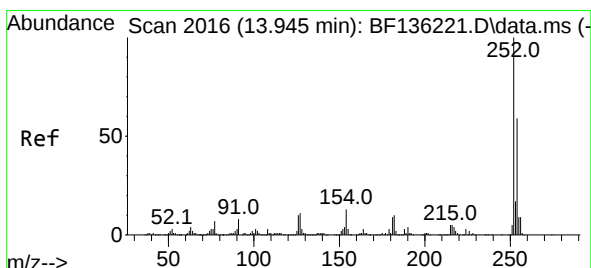
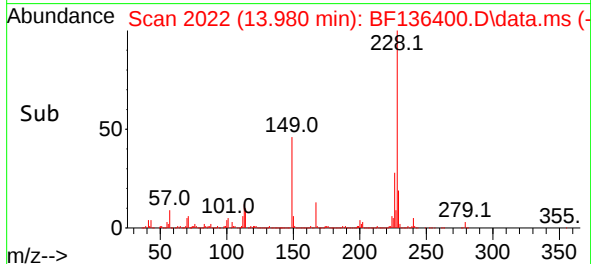
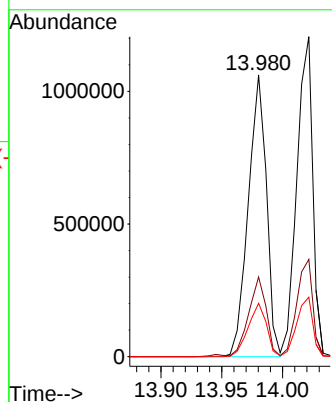
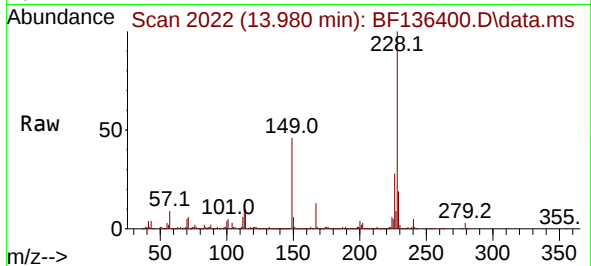
ClientSampleId :

PB157451BS

Tgt Ion:228 Resp: 110764
Ion Ratio Lower Upper
228 100
226 28.3 22.6 34.0
229 19.0 14.0 21.0

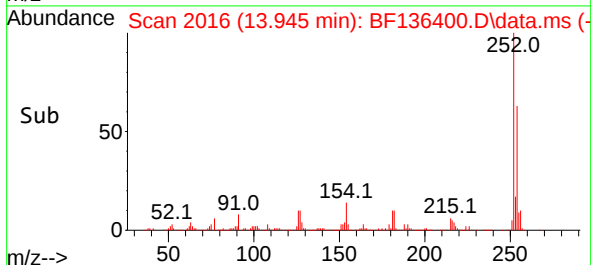
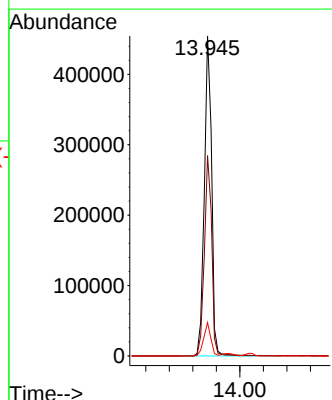
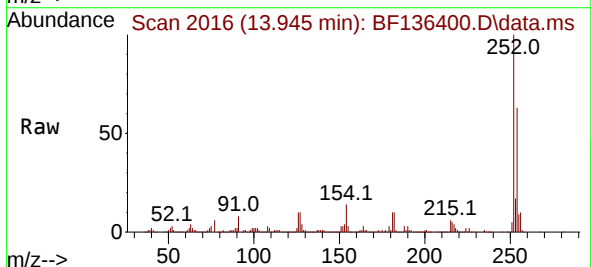
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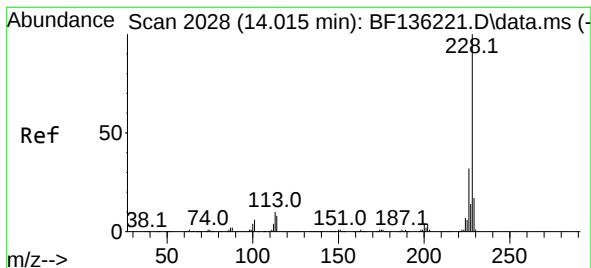
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 61.677 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Tgt Ion:252 Resp: 393755
Ion Ratio Lower Upper
252 100
254 62.6 47.4 71.2
126 10.5 8.3 12.5





#83

Chrysene

Concen: 42.818 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.012 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS

Tgt Ion:228 Resp: 1096452

Ion Ratio Lower Upper

228 100

226 30.4 25.5 38.3

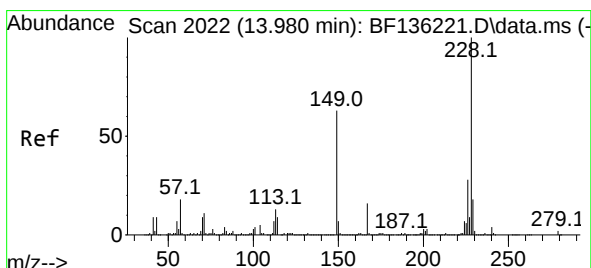
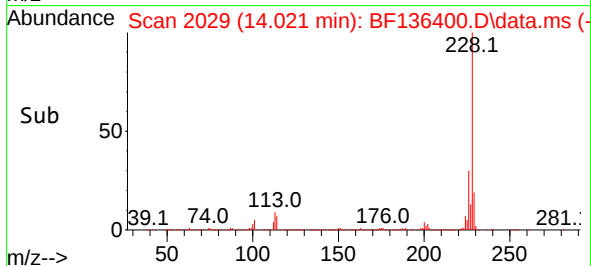
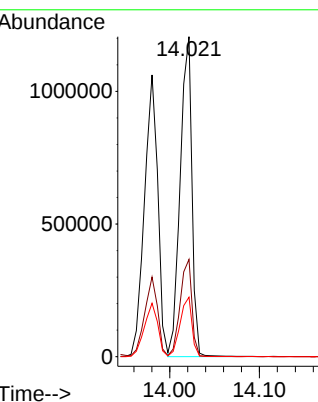
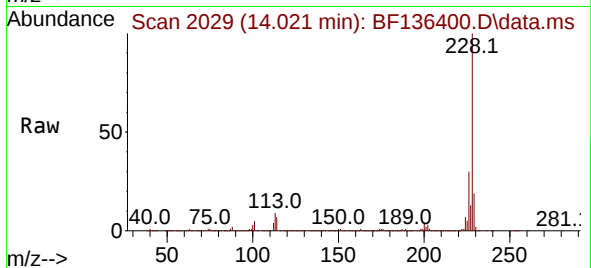
229 18.6 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.052 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

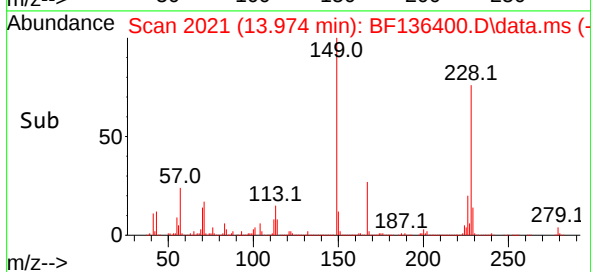
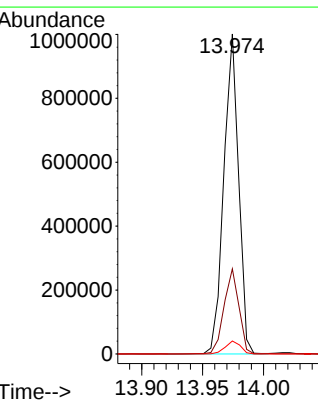
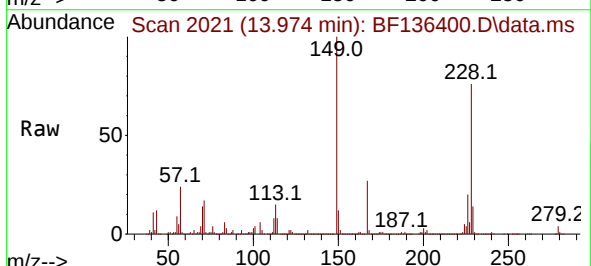
Tgt Ion:149 Resp: 847899

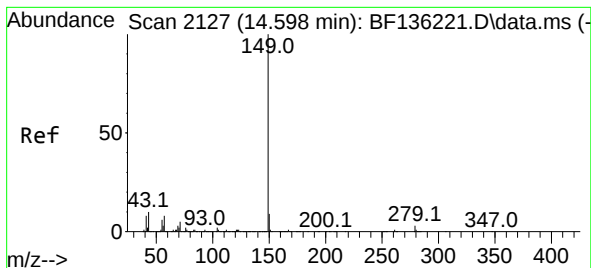
Ion Ratio Lower Upper

149 100

167 26.6 20.2 30.2

279 4.1 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 54.848 ng

RT: 14.592 min Scan# 2127

Delta R.T. 0.006 min

Lab File: BF136400.D

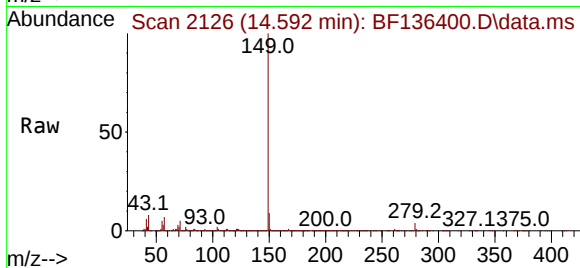
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB157451BS



Tgt Ion:149 Resp: 1320654

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

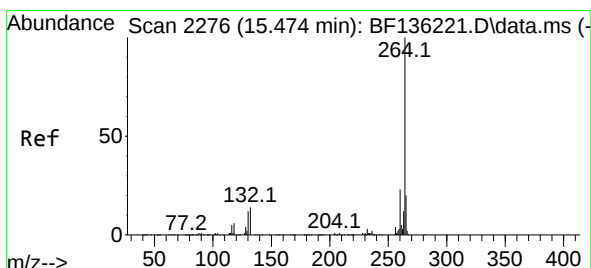
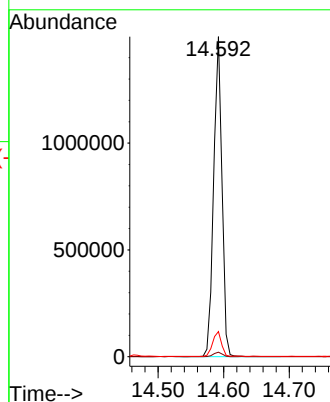
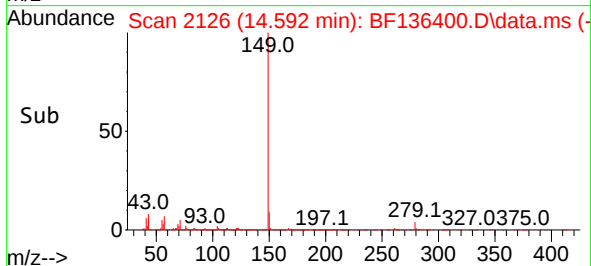
43 8.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/07/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.018 min

Lab File: BF136400.D

Acq: 05 Dec 2023 11:07

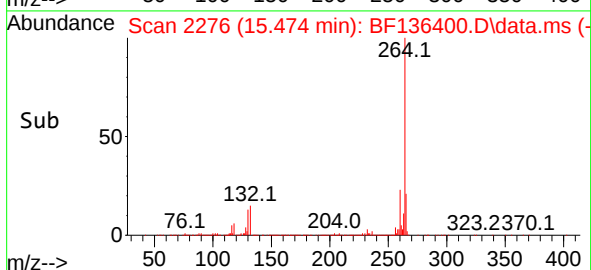
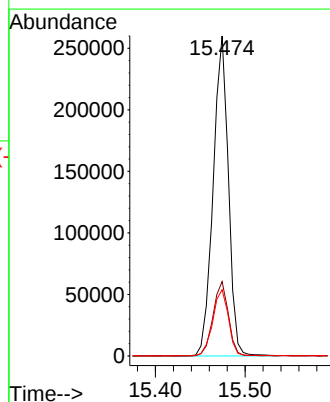
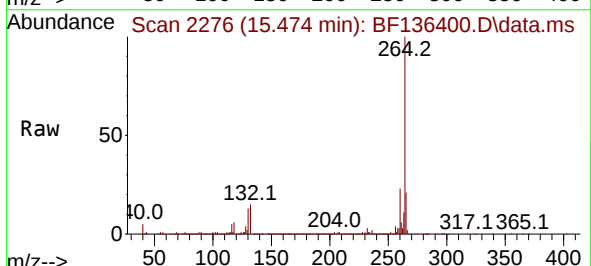
Tgt Ion:264 Resp: 306858

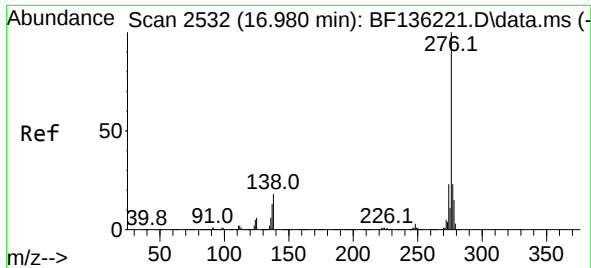
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 20.7 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.285 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.036 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

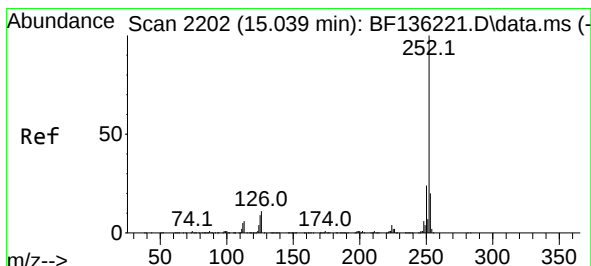
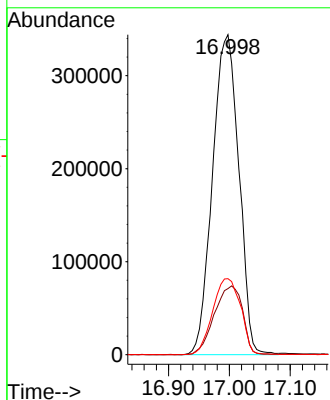
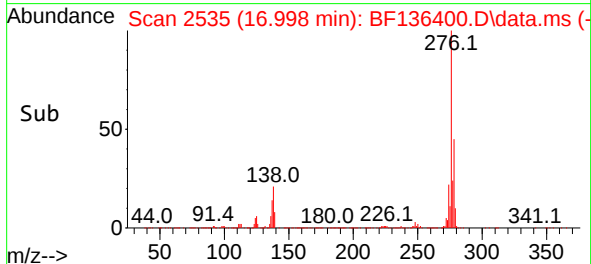
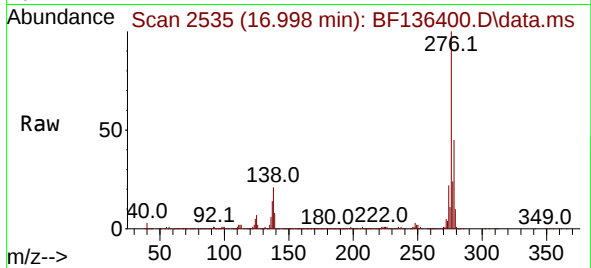
ClientSampleId :

PB157451BS

Tgt Ion:276 Resp: 1035014
Ion Ratio Lower Upper
276 100
138 23.2 17.7 26.5
277 25.3 19.6 29.4

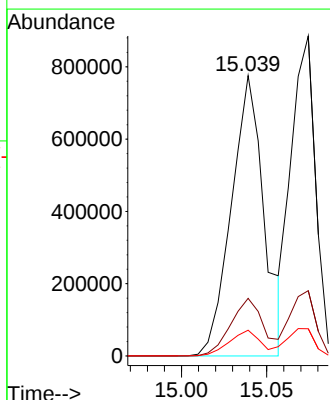
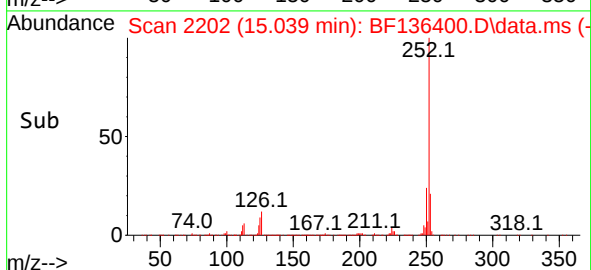
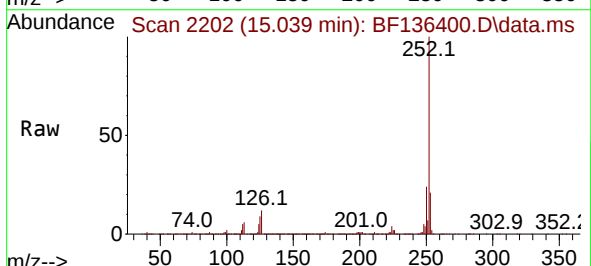
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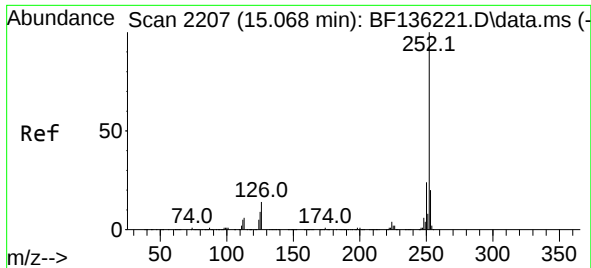
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#88
Benzo(b)fluoranthene
Concen: 48.057 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.012 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

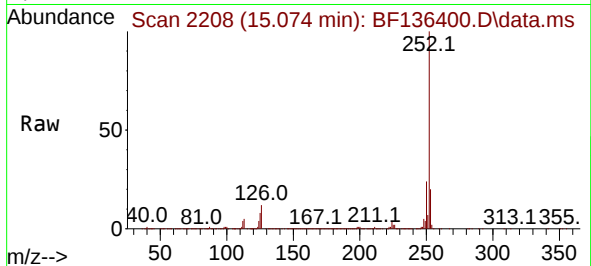
Tgt Ion:252 Resp: 1034597
Ion Ratio Lower Upper
252 100
253 20.6 16.2 24.2
125 9.2 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 43.351 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.018 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

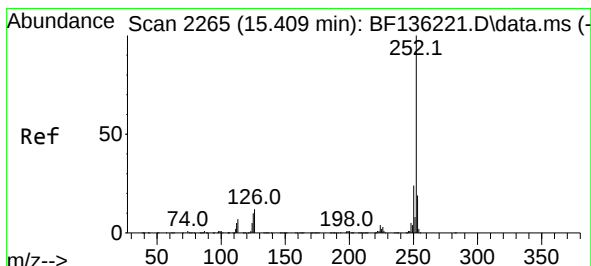
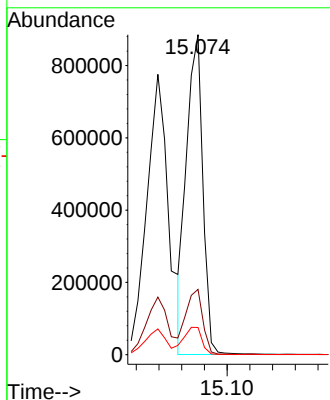
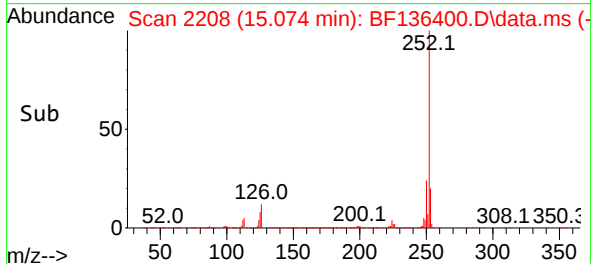
Instrument :
BNA_F
ClientSampleId :
PB157451BS



Tgt Ion:252 Resp: 886402
Ion Ratio Lower Upper
252 100
253 20.4 15.6 23.4
125 8.5 7.0 10.4

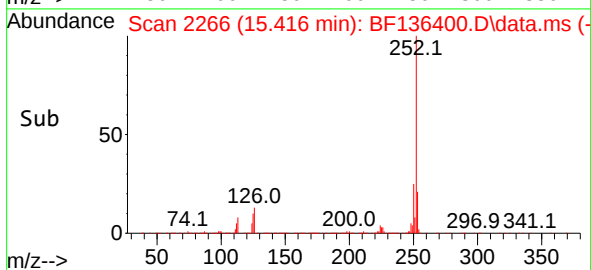
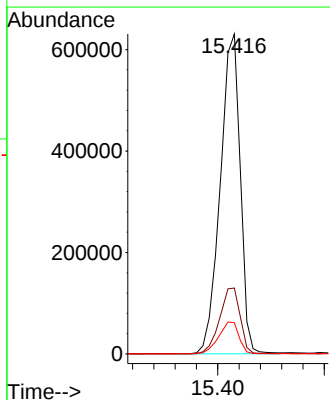
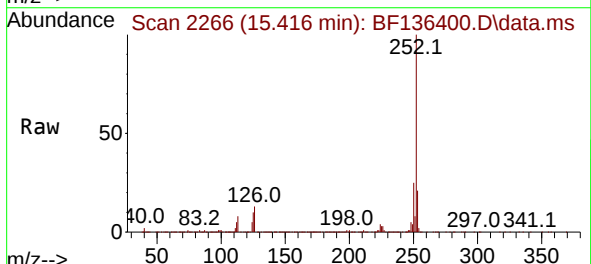
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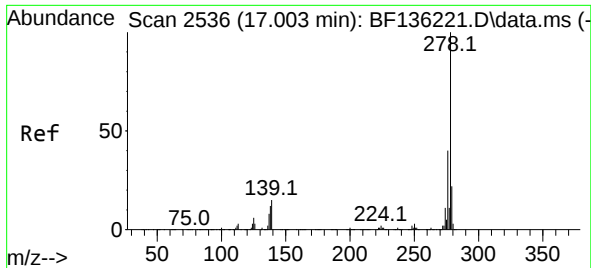
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#90
Benzo(a)pyrene
Concen: 46.573 ng
RT: 15.416 min Scan# 2266
Delta R.T. 0.018 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Tgt Ion:252 Resp: 819644
Ion Ratio Lower Upper
252 100
253 20.6 15.5 23.3
125 9.7 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 47.124 ng
RT: 17.015 min Scan# 2536
Delta R.T. 0.024 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Instrument :

BNA_F

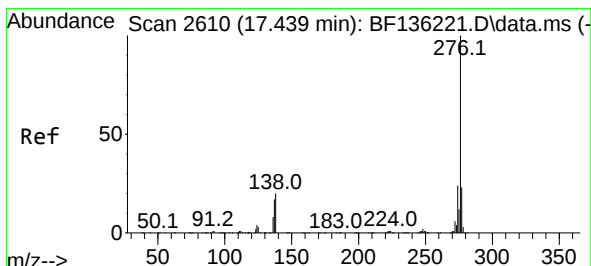
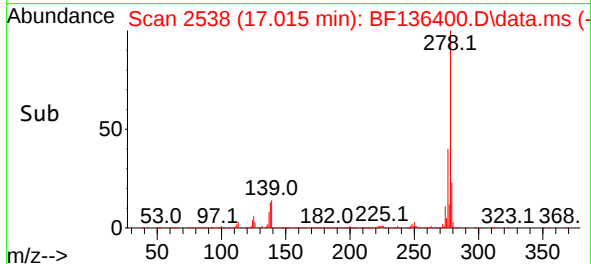
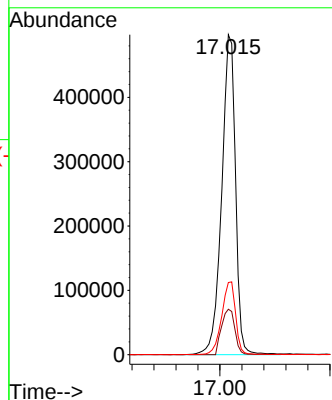
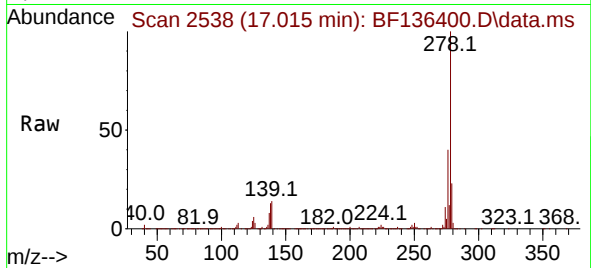
ClientSampleId :

PB157451BS

Tgt Ion:278 Resp: 866560
Ion Ratio Lower Upper
278 100
139 14.2 11.7 17.5
279 22.5 17.8 26.8

Manual Integrations
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Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/07/2023



#92
Benzo(g,h,i)perylene
Concen: 45.156 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.041 min
Lab File: BF136400.D
Acq: 05 Dec 2023 11:07

Tgt Ion:276 Resp: 832001
Ion Ratio Lower Upper
276 100
277 22.2 18.6 27.8
138 19.3 15.8 23.8

