

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136281.D
 Acq On : 29 Nov 2023 13:53
 Operator : CG\JU
 Sample : PB157023BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157023BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 11/30/2023

Supervised By :mohammad
 ahmed
 12/01/2023

Quant Time: Nov 29 14:14:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	154385	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	682627	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	348330	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	662266	20.000	ng	0.00
76) Chrysene-d12	13.986	240	292742	20.000	ng	0.00
86) Perylene-d12	15.468	264	272293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1301285	117.317	ng	0.02
7) Phenol-d6	6.451	99	1570009	113.201	ng	0.00
23) Nitrobenzene-d5	7.375	82	954077	73.857	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	526717	123.682	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2008525	73.651	ng	0.00
79) Terphenyl-d14	12.933	244	2116492	83.396	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	128301	30.570	ng	98
3) Pyridine	3.446	79	321953	31.076	ng	95
4) n-Nitrosodimethylamine	3.410	42	194465	37.133	ng	93
6) Aniline	6.469	93	412486	31.466	ng	# 90
8) 2-Chlorophenol	6.593	128	493639	40.873	ng	96
9) Benzaldehyde	6.357	77	25224	3.263	ng	97
10) Phenol	6.463	94	601701	40.439	ng	97
11) bis(2-Chloroethyl)ether	6.551	93	447237	40.973	ng	95
12) 1,3-Dichlorobenzene	6.746	146	515625	37.620	ng	98
13) 1,4-Dichlorobenzene	6.822	146	535155	38.408	ng	98
14) 1,2-Dichlorobenzene	6.975	146	502469	38.093	ng	98
15) Benzyl Alcohol	6.951	79	380183	39.098	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	604338	39.859	ng	98
17) 2-Methylphenol	7.063	107	388086	40.872	ng	99
18) Hexachloroethane	7.316	117	184916	37.836	ng	95
19) n-Nitroso-di-n-propyla...	7.228	70	338337	40.788	ng	97
20) 3+4-Methylphenols	7.216	107	488338	39.573	ng	93
22) Acetophenone	7.216	105	701512	39.129	ng	# 98
24) Nitrobenzene	7.393	77	493634	37.708	ng	94
25) Isophorone	7.628	82	917804	39.403	ng	99
26) 2-Nitrophenol	7.704	139	248412	44.537	ng	95
27) 2,4-Dimethylphenol	7.745	122	392635	53.482	ng	97
28) bis(2-Chloroethoxy)met...	7.840	93	560040	39.749	ng	99
29) 2,4-Dichlorophenol	7.945	162	405093	40.909	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	454526	37.491	ng	100
31) Naphthalene	8.110	128	1483088	38.653	ng	99
32) Benzoic acid	7.881	122	302764	45.251	ng	98
33) 4-Chloroaniline	8.157	127	317015	24.307	ng	98
34) Hexachlorobutadiene	8.222	225	256635	36.183	ng	99
35) Caprolactam	8.534	113	121453m	43.875	ng	
36) 4-Chloro-3-methylphenol	8.645	107	436612	40.654	ng	95
37) 2-Methylnaphthalene	8.798	142	921557	38.289	ng	99
38) 1-Methylnaphthalene	8.898	142	882972	37.606	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	444206	40.070	ng	99
41) Hexachlorocyclopentadiene	8.951	237	463569	108.677	ng	97
43) 2,4,6-Trichlorophenol	9.081	196	294231	40.892	ng	92

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 APPROVED

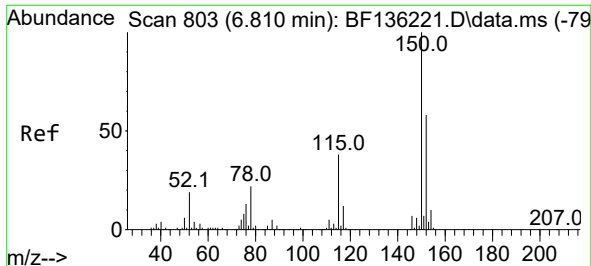
Reviewed By :Yogesh
 Patel
 11/30/2023

Supervised By :mohammad
 ahmed
 12/01/2023

Quant Time: Nov 29 14:14:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	310607	39.557	ng	97
46) 1,1'-Biphenyl	9.269	154	1220995	39.749	ng	100
47) 2-Chloronaphthalene	9.292	162	922333	38.665	ng	99
48) 2-Nitroaniline	9.387	65	265969	42.705	ng	94
49) Acenaphthylene	9.704	152	1459248	42.866	ng	99
50) Dimethylphthalate	9.575	163	1091928	41.475	ng	100
51) 2,6-Dinitrotoluene	9.634	165	224444	41.730	ng	99
52) Acenaphthene	9.881	154	848090m	39.422	ng	
53) 3-Nitroaniline	9.804	138	176429	33.059	ng	93
54) 2,4-Dinitrophenol	9.910	184	248451	99.322	ng	98
55) Dibenzofuran	10.051	168	1296798	40.510	ng	99
56) 4-Nitrophenol	9.969	139	335287	82.721	ng	94
57) 2,4-Dinitrotoluene	10.039	165	307117	42.748	ng	94
58) Fluorene	10.398	166	1002066	39.907	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	267408	42.801	ng	99
60) Diethylphthalate	10.275	149	1066958	40.514	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	478207	39.216	ng	97
62) 4-Nitroaniline	10.422	138	204016	39.055	ng	97
63) Azobenzene	10.551	77	978726	40.087	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	161304	44.540	ng	99
66) n-Nitrosodiphenylamine	10.510	169	883091	41.610	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	307287	39.771	ng	98
68) Hexachlorobenzene	10.945	284	353194	39.497	ng	100
69) Atrazine	11.045	200	257404	40.885	ng	98
70) Pentachlorophenol	11.139	266	337323	66.735	ng	97
71) Phenanthrene	11.363	178	1547388	41.571	ng	99
72) Anthracene	11.416	178	1554449	41.644	ng	100
73) Carbazole	11.569	167	1254922	39.529	ng	99
74) Di-n-butylphthalate	11.904	149	1677121	42.221	ng	99
75) Fluoranthene	12.557	202	1462800	38.712	ng	100
77) Benzidine	12.675	184	106090	22.046	ng	99
78) Pyrene	12.786	202	1435978	44.790	ng	99
80) Butylbenzylphthalate	13.410	149	449660	45.065	ng	98
81) Benzo(a)anthracene	13.974	228	898237	41.310	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	232812	44.480	ng	98
83) Chrysene	14.016	228	845623	40.278	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	504463	42.127	ng	99
85) Di-n-octyl phthalate	14.598	149	813159	42.477	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	900599	44.458	ng	99
88) Benzo(b)fluoranthene	15.033	252	835703	43.746	ng	99
89) Benzo(k)fluoranthene	15.069	252	741418	40.863	ng	100
90) Benzo(a)pyrene	15.410	252	689907	44.177	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	751146	46.096	ng	98
92) Benzo(g,h,i)perylene	17.439	276	712585	43.651	ng	98

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



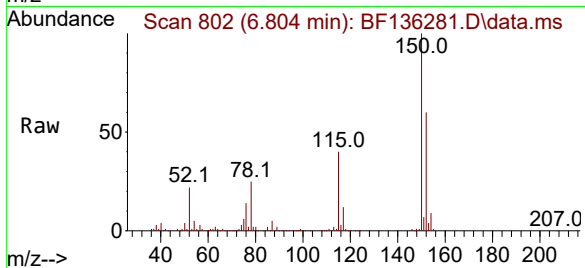
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 803
 Delta R.T. -0.006 min
 Lab File: BF136281.D
 Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD



Tgt Ion:152 Resp: 154385
 Ion Ratio Lower Upper
 152 100
 150 166.2 137.8 206.8
 115 65.8 52.7 79.1

Manual Integrations
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Reviewed By :Yogesh

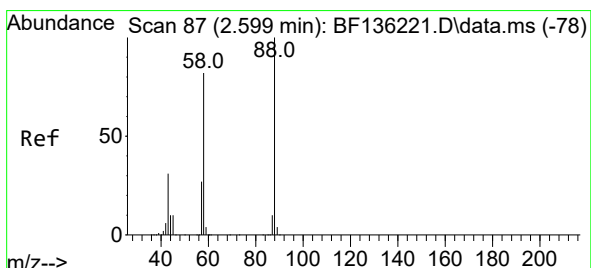
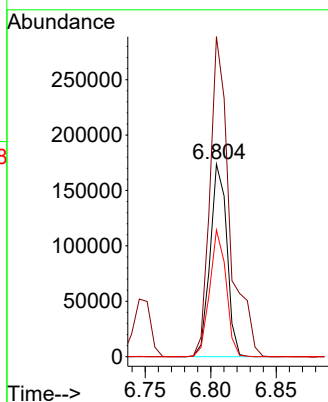
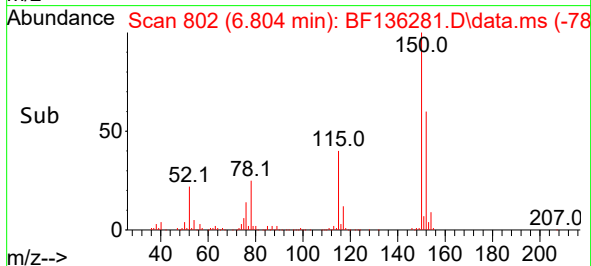
Patel

11/30/2023

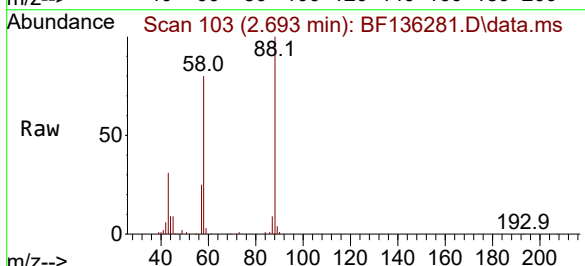
Supervised By :mohammad

ahmed

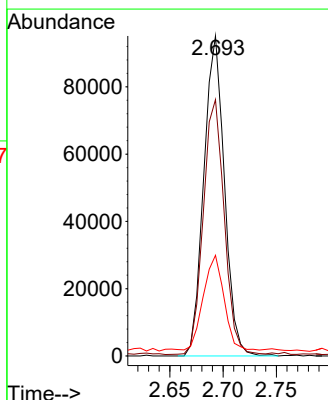
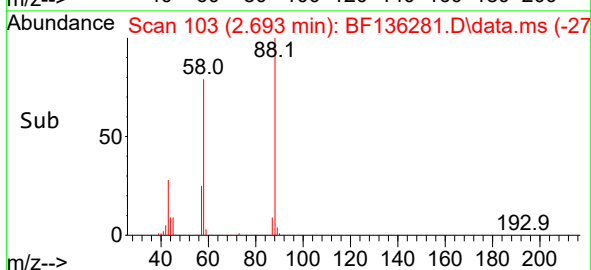
12/01/2023

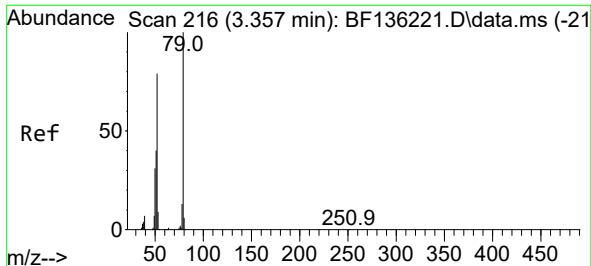


#2
 1,4-Dioxane
 Concen: 30.570 ng
 RT: 2.693 min Scan# 103
 Delta R.T. 0.094 min
 Lab File: BF136281.D
 Acq: 29 Nov 2023 13:53



Tgt Ion: 88 Resp: 128301
 Ion Ratio Lower Upper
 88 100
 58 80.6 65.9 98.9
 43 30.8 24.8 37.2





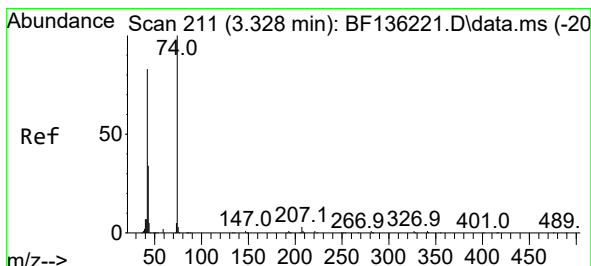
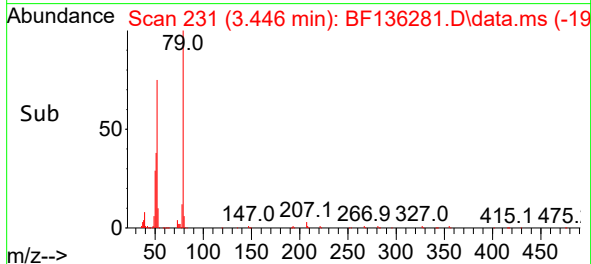
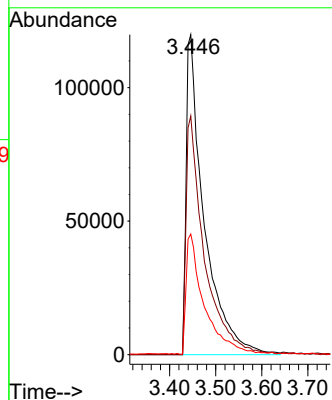
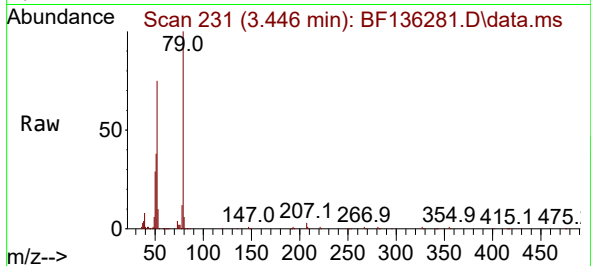
#3
Pyridine
Concen: 31.076 ng
RT: 3.446 min Scan# 216
Delta R.T. 0.088 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Instrument :
BNA_F
ClientSampleId :
PB157023BSD

Tgt Ion: 79 Resp: 32195
Ion Ratio Lower Upper
79 100
52 74.6 63.2 94.8
51 37.7 32.6 49.0

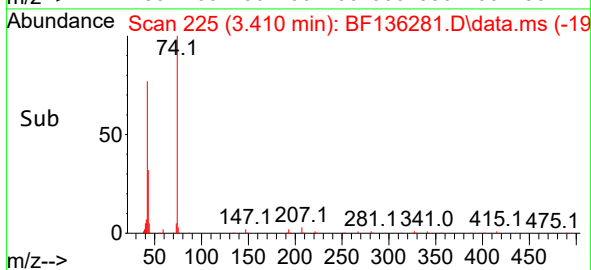
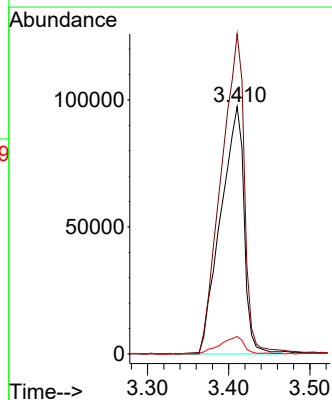
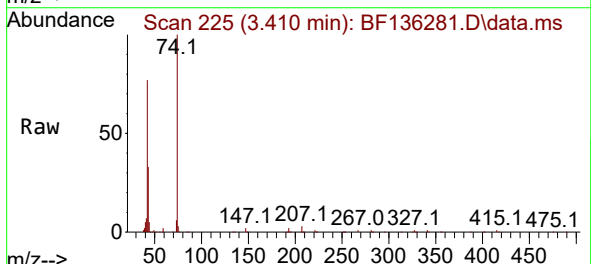
Manual Integrations
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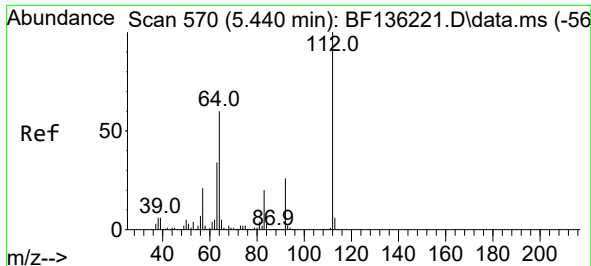
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#4
n-Nitrosodimethylamine
Concen: 37.133 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.083 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

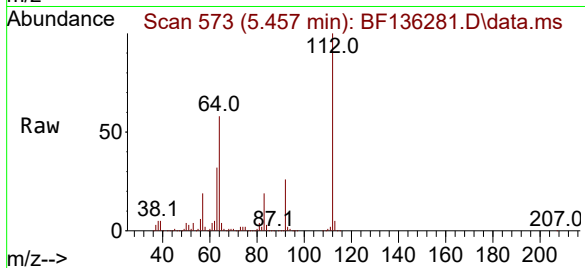
Tgt Ion: 42 Resp: 194465
Ion Ratio Lower Upper
42 100
74 129.3 96.6 144.8
44 7.1 5.4 8.2





#5
2-Fluorophenol
Concen: 117.317 ng
RT: 5.457 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

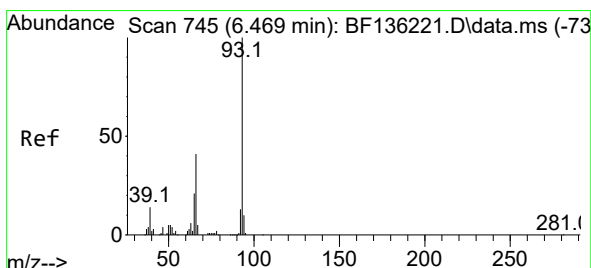
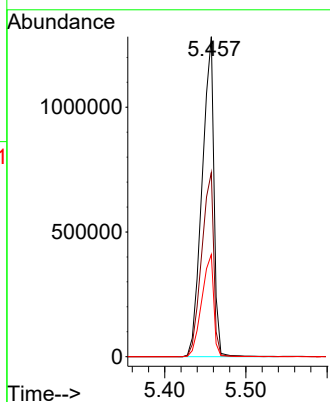
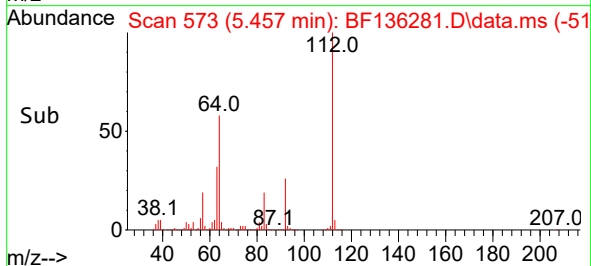
Instrument :
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PB157023BSD



Tgt Ion:112 Resp: 1301285
Ion Ratio Lower Upper
112 100
64 57.5 48.2 72.4
63 31.9 27.0 40.6

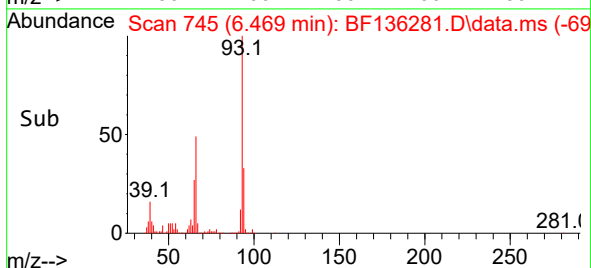
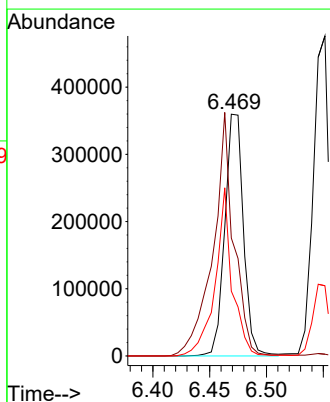
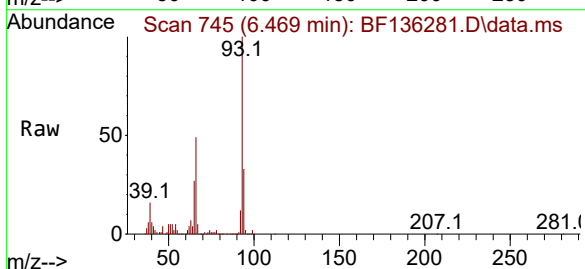
Manual Integrations
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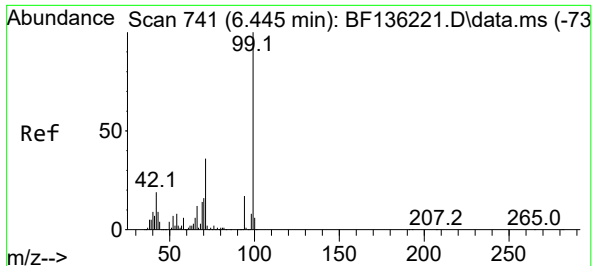
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#6
Aniline
Concen: 31.466 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

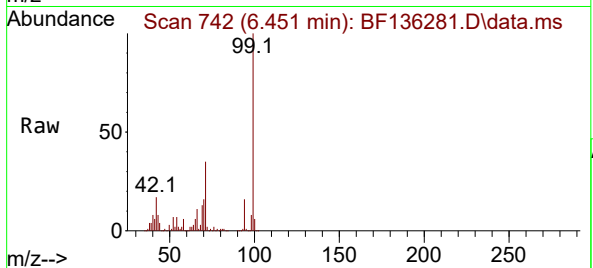
Tgt Ion: 93 Resp: 412486
Ion Ratio Lower Upper
93 100
66 48.8 34.1 51.1
65 26.8 17.3 25.9#





#7
Phenol-d6
Concen: 113.201 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

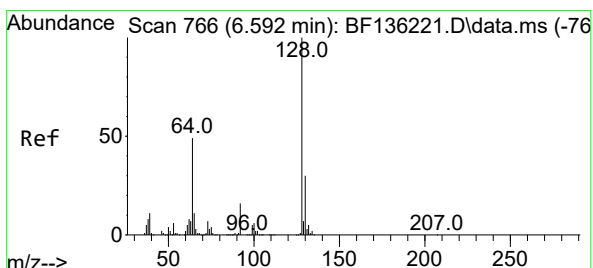
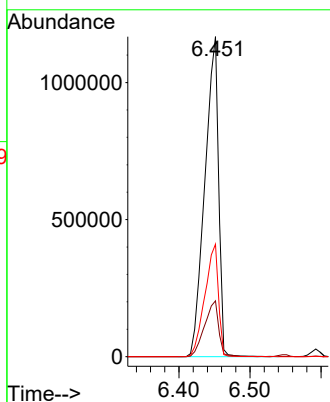
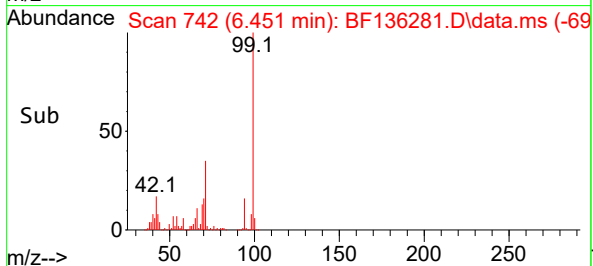
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1570009
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.6
71 35.1 28.9 43.3

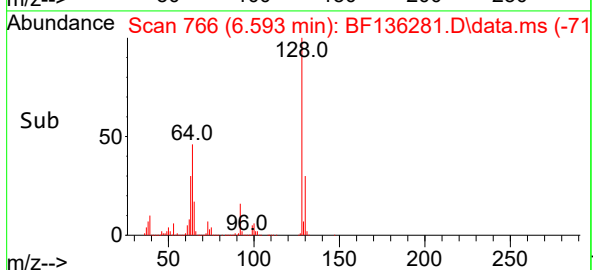
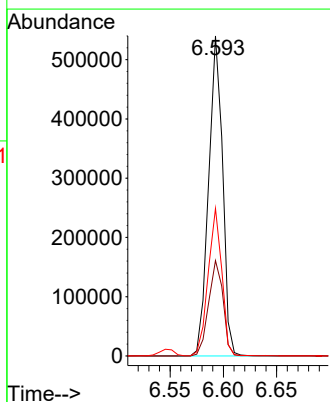
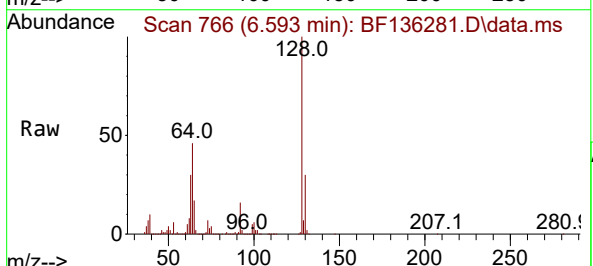
Manual Integrations
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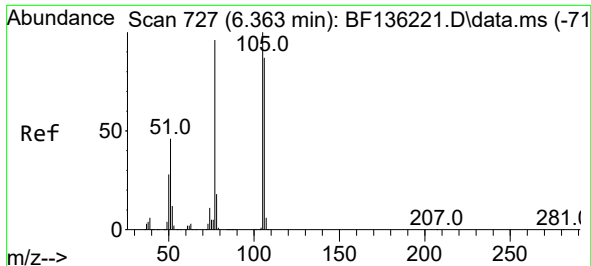
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#8
2-Chlorophenol
Concen: 40.873 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

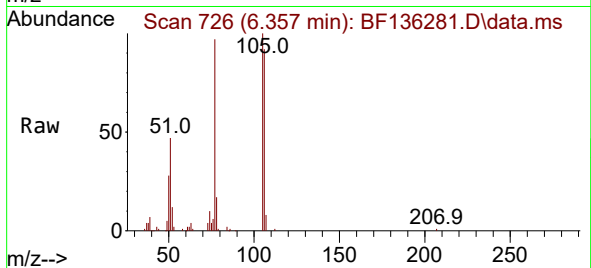
Tgt Ion:128 Resp: 493639
Ion Ratio Lower Upper
128 100
130 29.8 10.3 50.3
64 46.1 30.0 70.0





#9
Benzaldehyde
Concen: 3.263 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

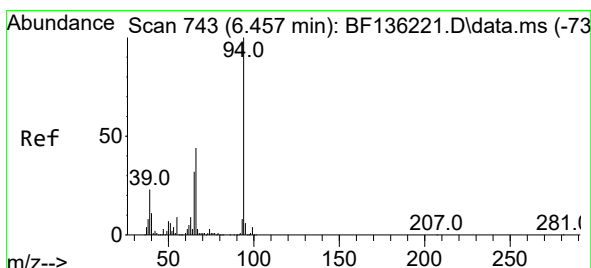
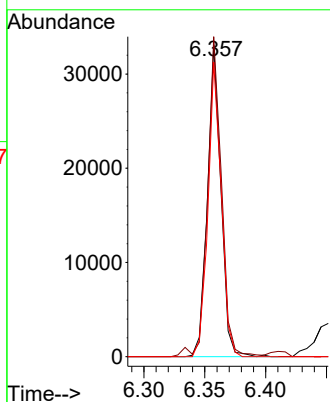
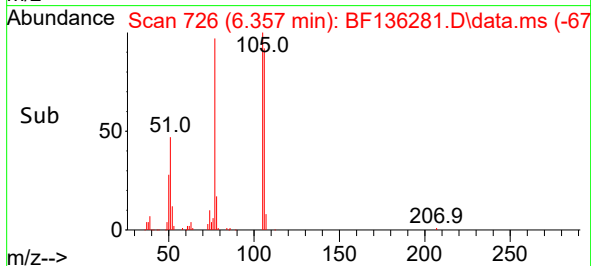
Instrument :
BNA_F
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PB157023BSD



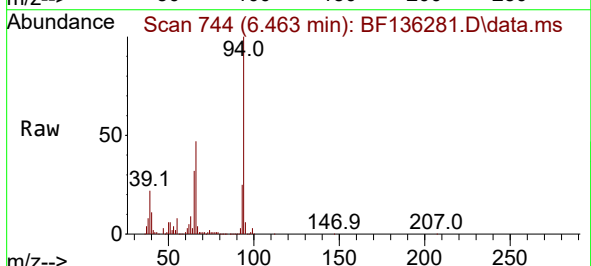
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Ion Ratio Lower Upper
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105 102.7 84.3 124.3
106 94.5 71.0 111.0

Manual Integrations
APPROVED

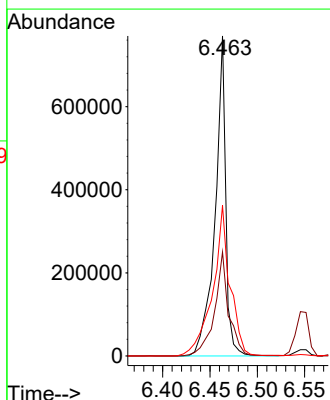
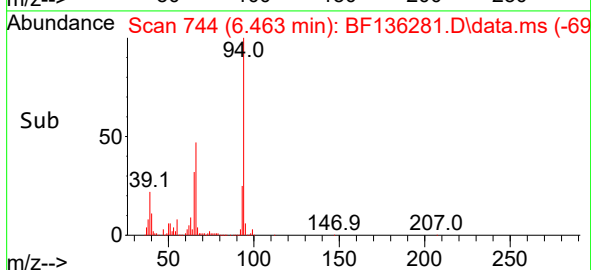
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

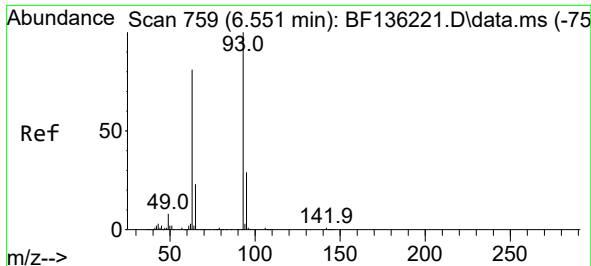


#10
Phenol
Concen: 40.439 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



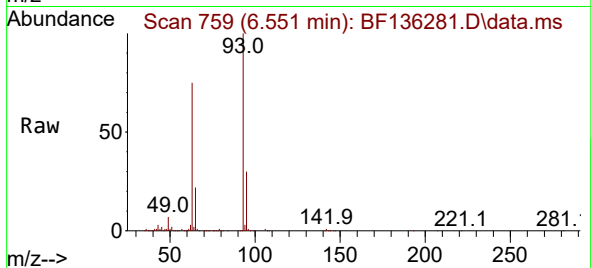
Tgt Ion: 94 Resp: 601701
Ion Ratio Lower Upper
94 100
65 32.5 12.5 52.5
66 47.1 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 40.973 ng
RT: 6.551 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

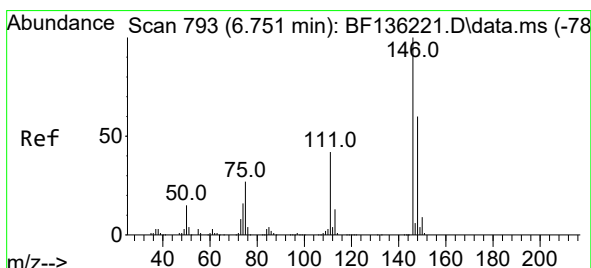
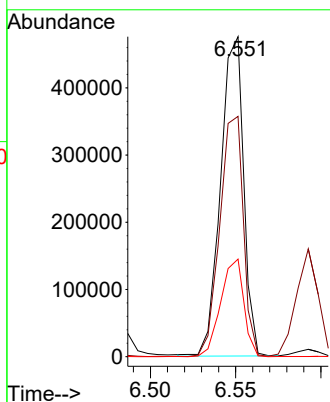
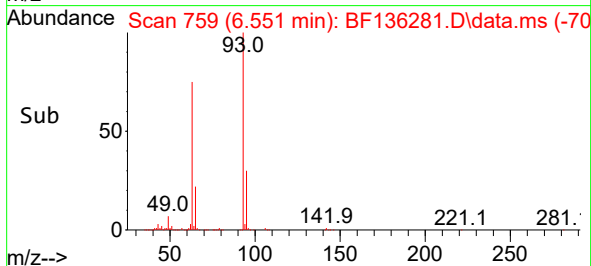
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



Tgt Ion: 93 Resp: 44723
Ion Ratio Lower Upper
93 100
63 75.1 60.2 100.2
95 30.5 9.1 49.1

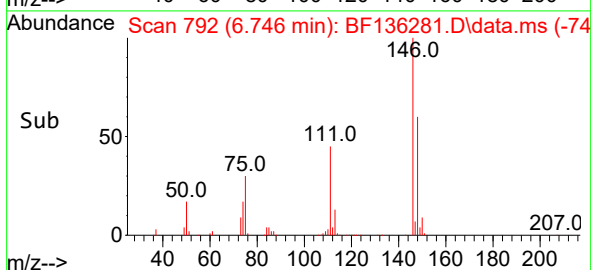
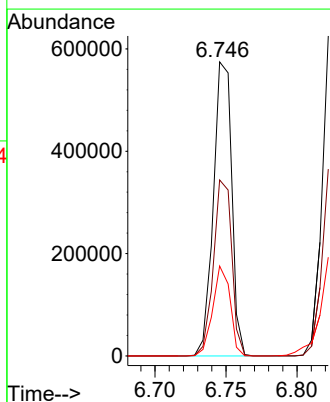
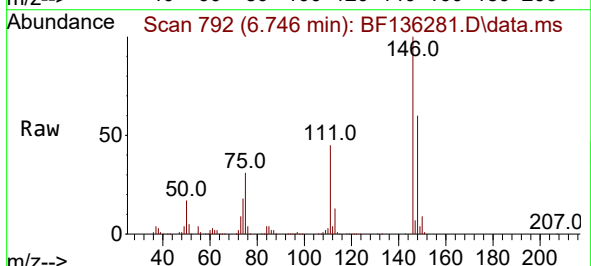
Manual Integrations
APPROVED

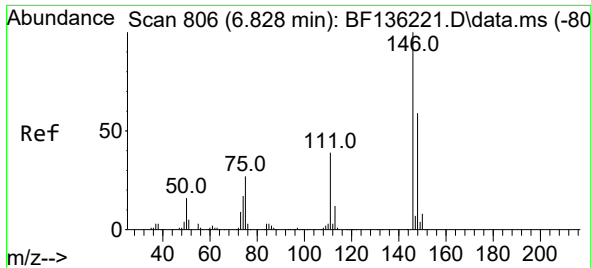
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#12
1,3-Dichlorobenzene
Concen: 37.620 ng
RT: 6.746 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:146 Resp: 515625
Ion Ratio Lower Upper
146 100
148 59.9 47.8 71.6
75 30.6 22.0 33.0





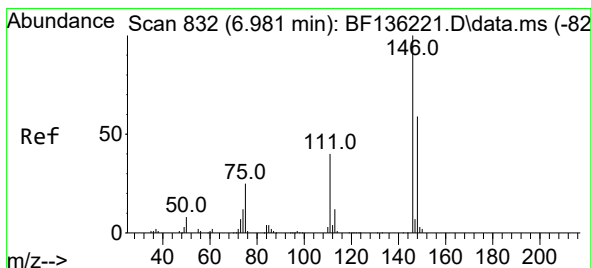
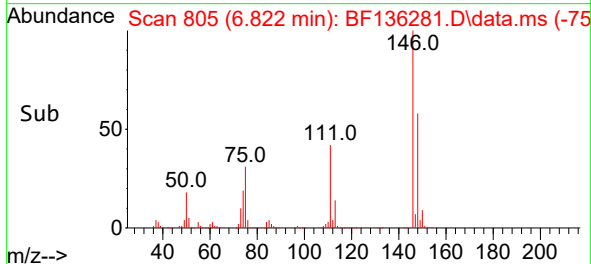
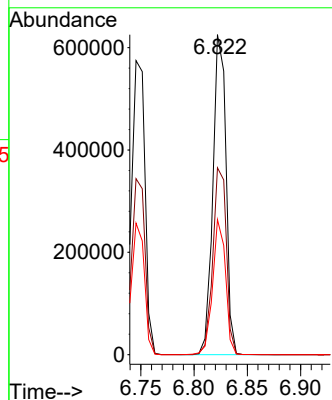
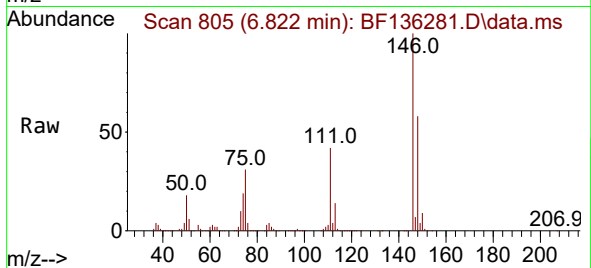
#13
1,4-Dichlorobenzene
Concen: 38.408 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Instrument :
BNA_F
ClientSampleId :
PB157023BSD

Tgt Ion:146 Resp: 53515
Ion Ratio Lower Upper
146 100
148 58.4 47.0 70.6
111 42.2 31.5 47.3

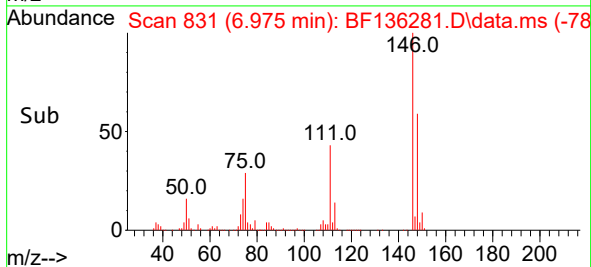
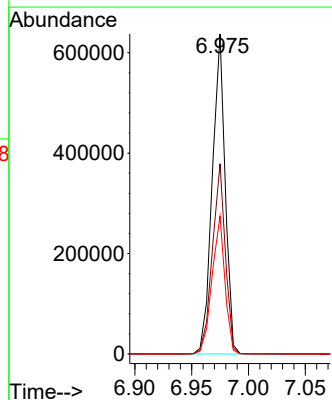
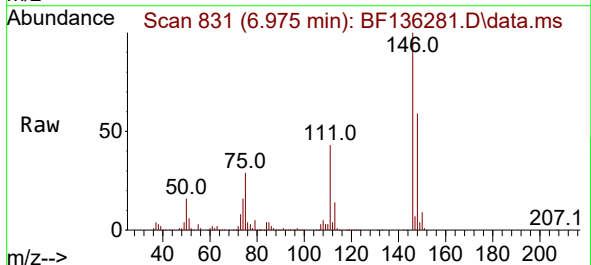
Manual Integrations
APPROVED

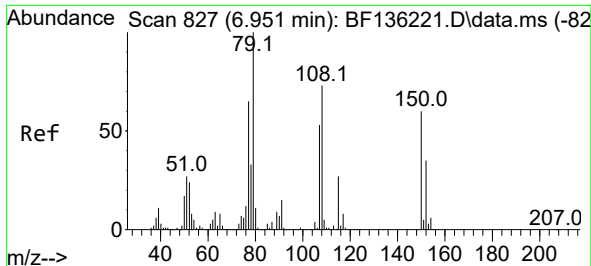
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#14
1,2-Dichlorobenzene
Concen: 38.093 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

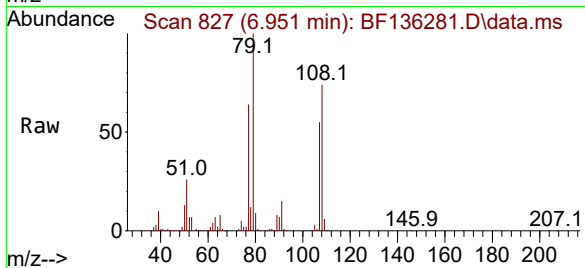
Tgt Ion:146 Resp: 502469
Ion Ratio Lower Upper
146 100
148 59.5 47.3 70.9
111 43.1 32.4 48.6





#15
Benzyl Alcohol
Concen: 39.098 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

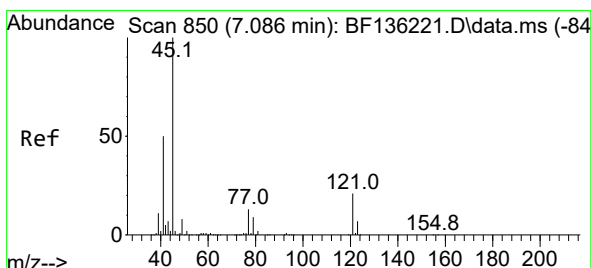
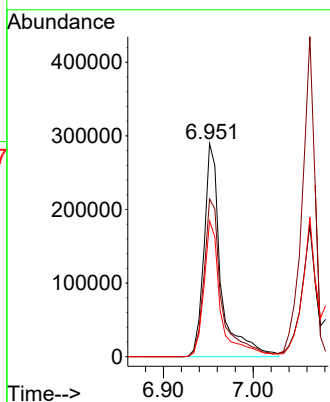
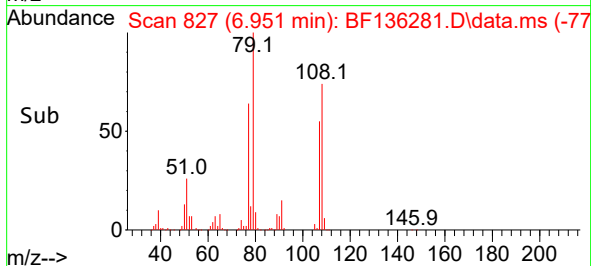
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



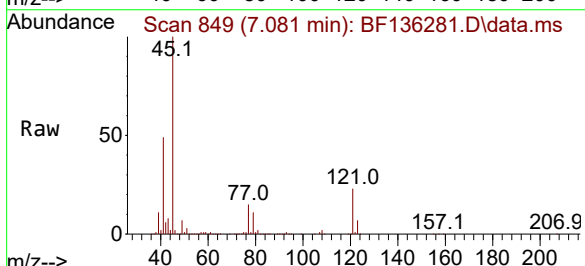
Tgt Ion: 79 Resp: 38018
Ion Ratio Lower Upper
79 100
108 74.0 58.1 87.1
77 63.7 51.8 77.8

Manual Integrations
APPROVED

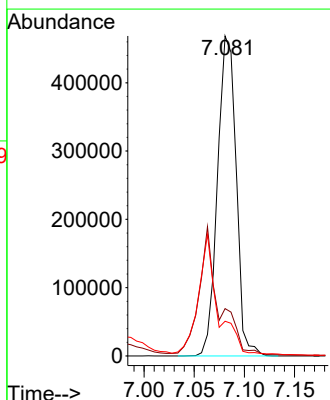
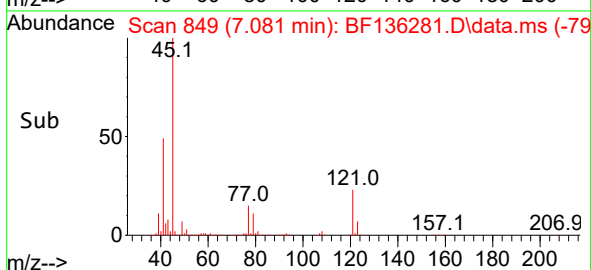
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

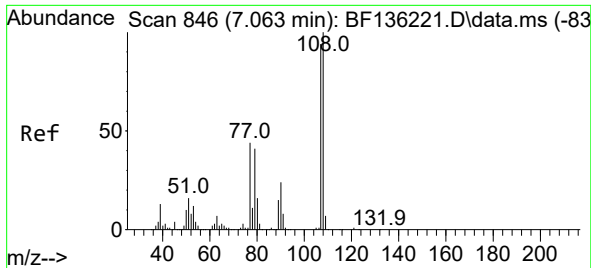


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.859 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



Tgt Ion: 45 Resp: 604338
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.0
79 10.8 0.0 30.1





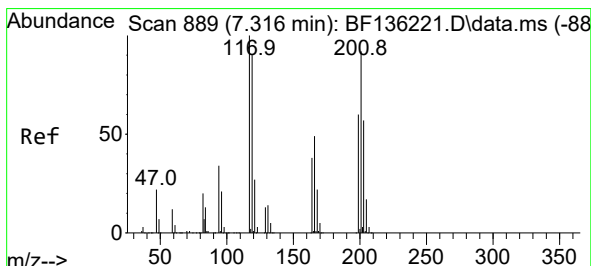
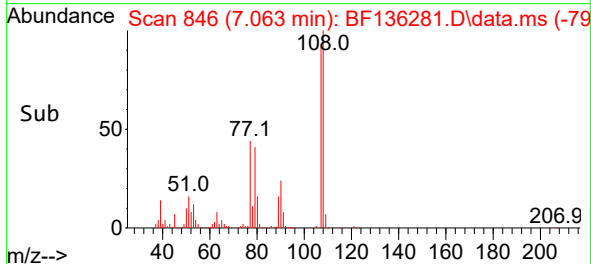
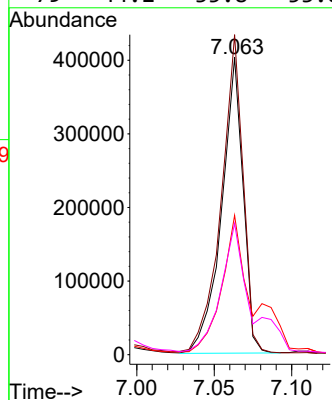
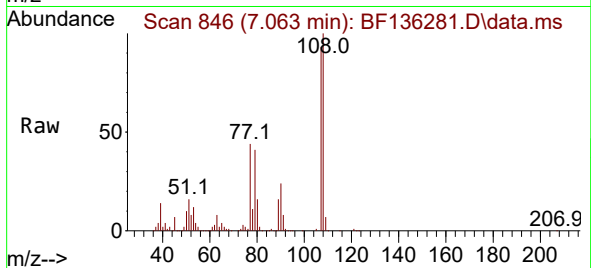
#17
2-Methylphenol
Concen: 40.872 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Instrument :
BNA_F
ClientSampleId :
PB157023BSD

Tgt Ion:107 Resp: 388080
Ion Ratio Lower Upper
107 100
108 107.7 85.4 128.0
77 46.9 37.4 56.2
79 44.2 35.8 53.8

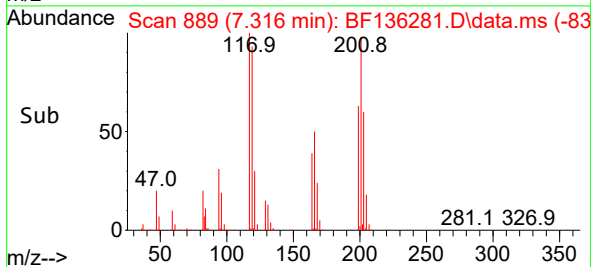
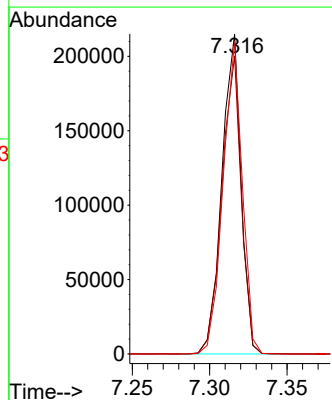
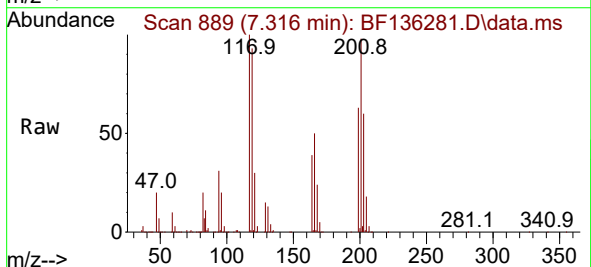
Manual Integrations
APPROVED

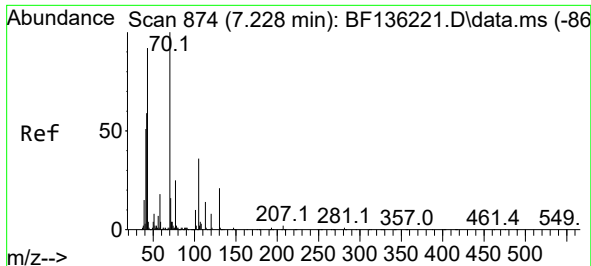
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 37.836 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

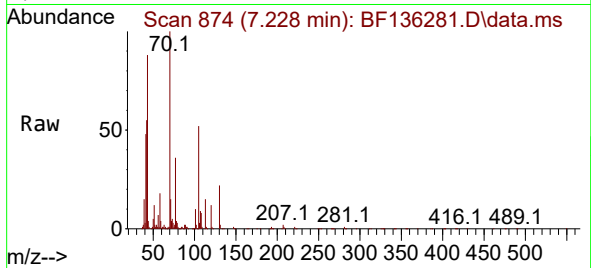
Tgt Ion:117 Resp: 184916
Ion Ratio Lower Upper
117 100
119 93.2 71.6 107.4
201 97.7 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.788 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

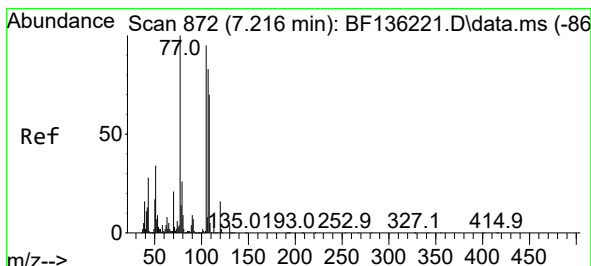
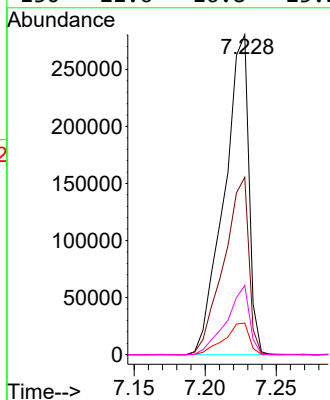
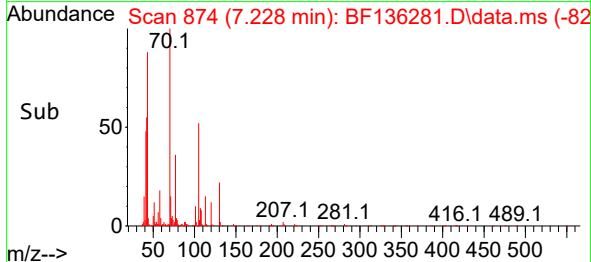
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



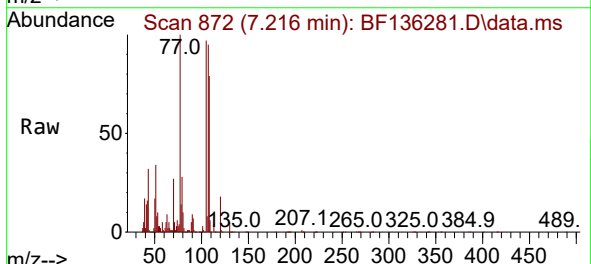
Tgt Ion: 70 Resp: 33833
Ion Ratio Lower Upper
70 100
42 55.5 47.0 70.4
101 9.9 7.8 11.8
130 21.6 16.8 25.2

Manual Integrations
APPROVED

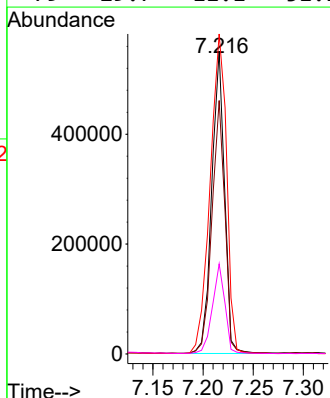
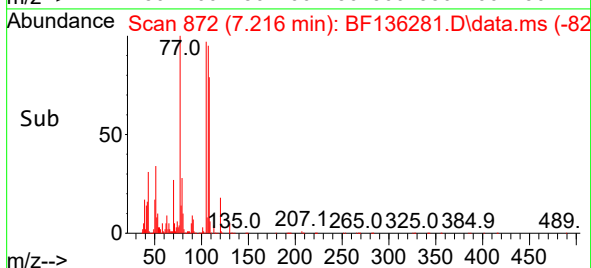
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

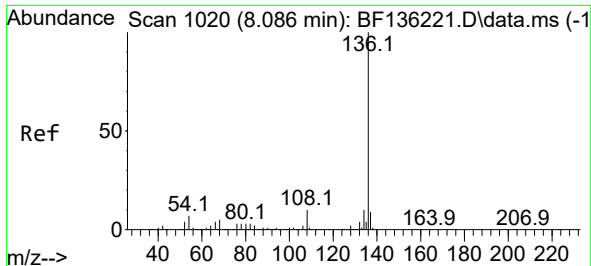


#20
3+4-Methylphenols
Concen: 39.573 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



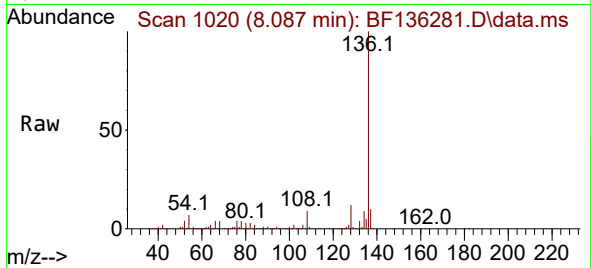
Tgt Ion:107 Resp: 488338
Ion Ratio Lower Upper
107 100
108 83.7 63.9 103.9
77 105.7 100.2 140.2
79 29.7 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

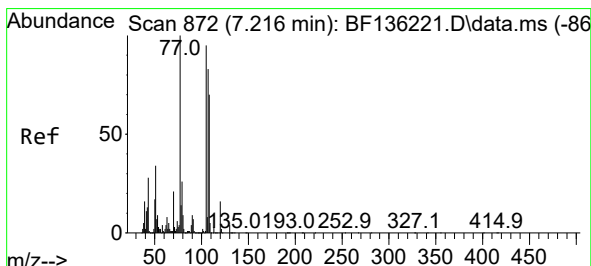
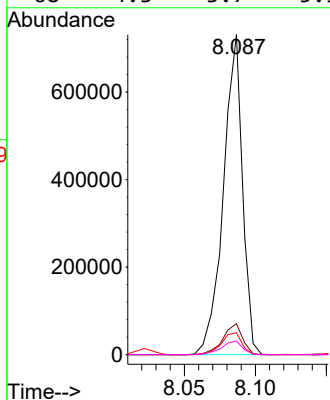
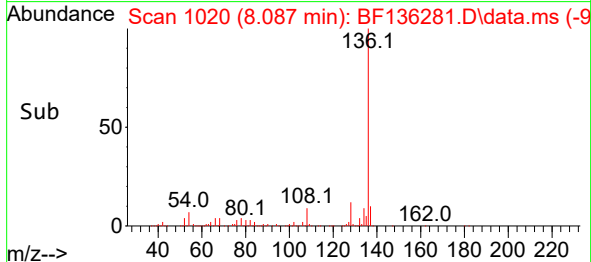
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



Tgt Ion:136 Resp: 68262
Ion Ratio Lower Upper
136 100
137 9.7 7.4 11.2
54 6.8 5.5 8.3
68 4.3 3.7 5.5

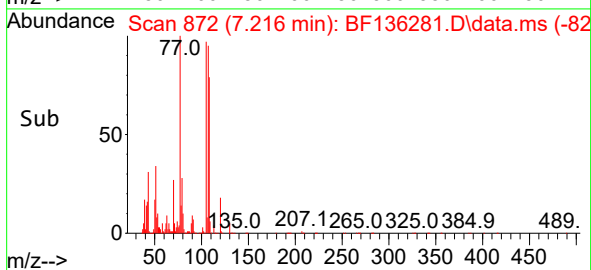
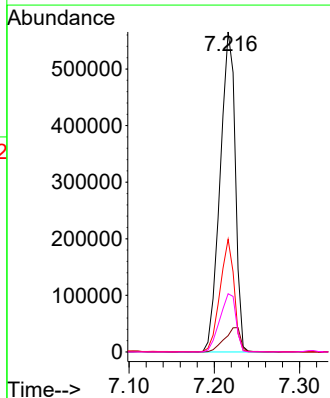
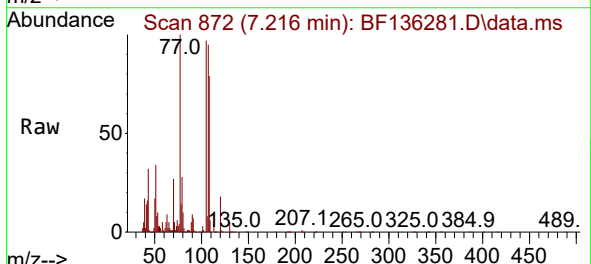
Manual Integrations
APPROVED

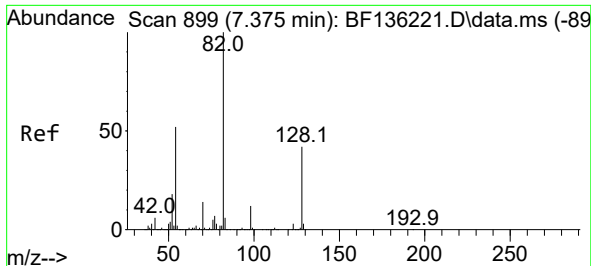
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 39.129 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:105 Resp: 701512
Ion Ratio Lower Upper
105 100
71 5.1 2.8 4.2#
51 35.2 29.0 43.6
120 18.2 13.9 20.9





#23

Nitrobenzene-d5

Concen: 73.857 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

Tgt Ion: 82 Resp: 95407

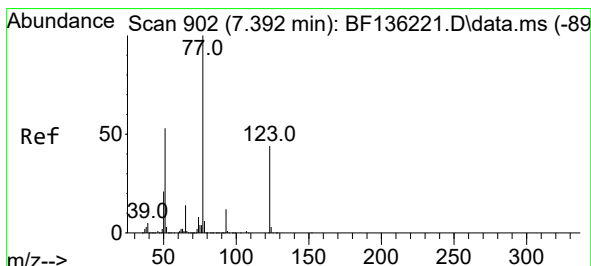
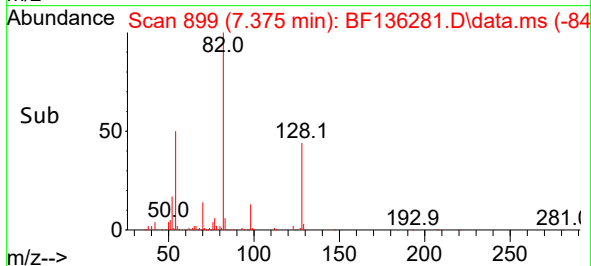
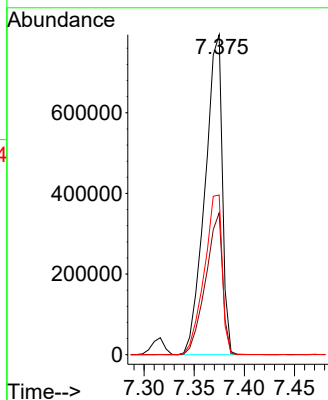
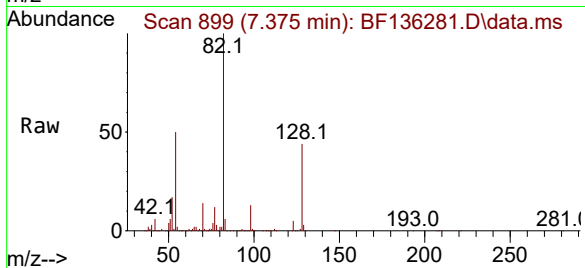
Ion	Ratio	Lower	Upper
82	100		
128	44.3	33.4	50.2
54	49.9	41.7	62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#24

Nitrobenzene

Concen: 37.708 ng

RT: 7.393 min Scan# 902

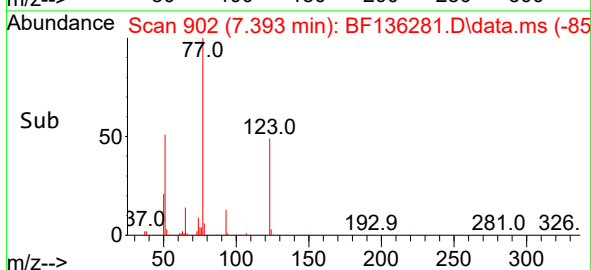
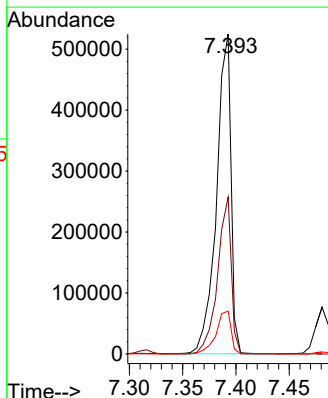
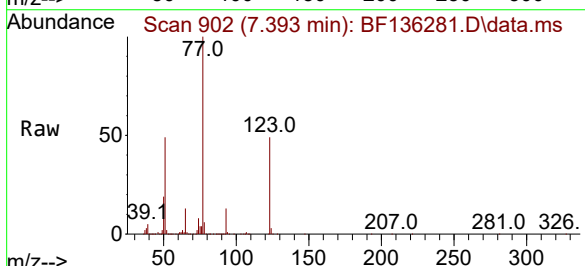
Delta R.T. 0.000 min

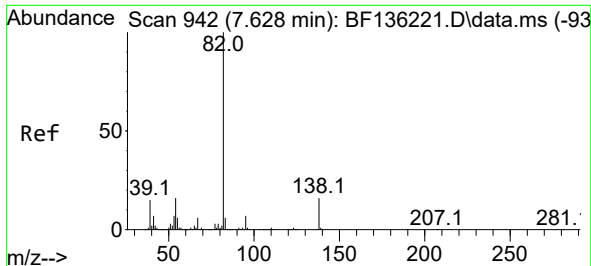
Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Tgt Ion: 77 Resp: 493634

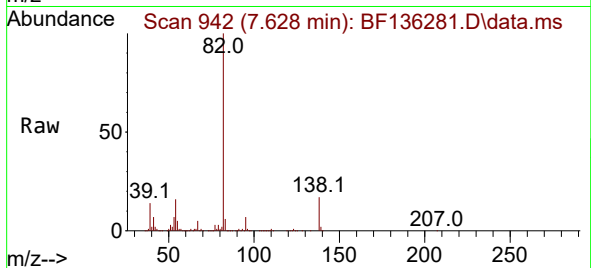
Ion	Ratio	Lower	Upper
77	100		
123	49.0	35.4	53.2
65	13.4	11.0	16.6





#25
Isophorone
Concen: 39.403 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

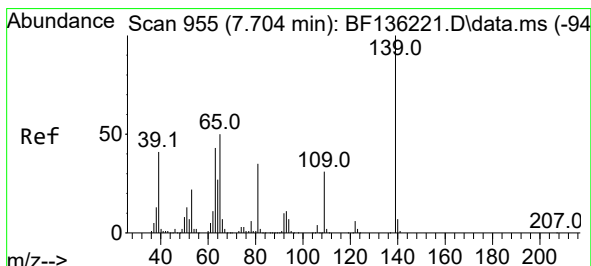
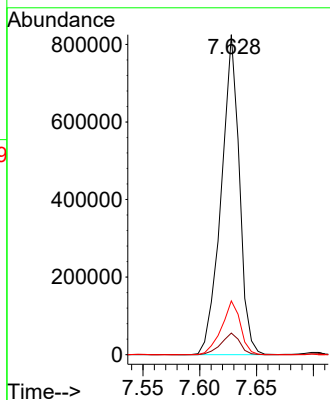
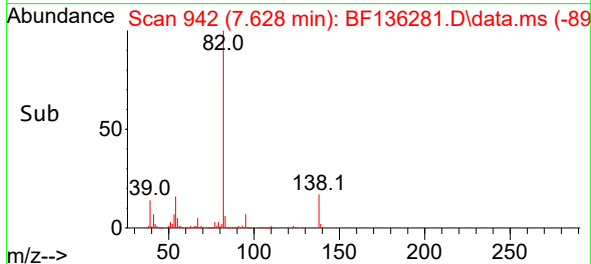
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



Tgt Ion: 82 Resp: 917804
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 16.8 12.8 19.2

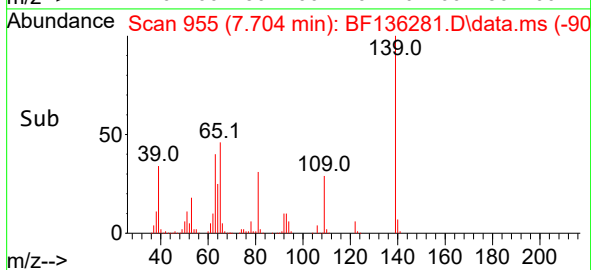
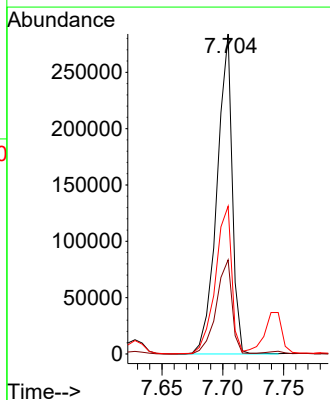
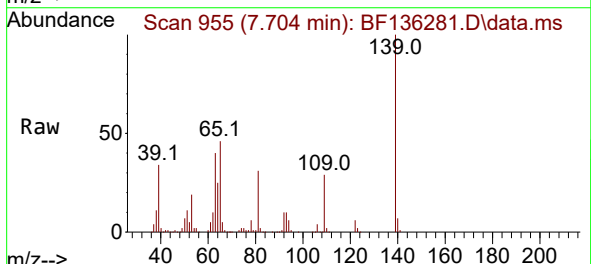
Manual Integrations
APPROVED

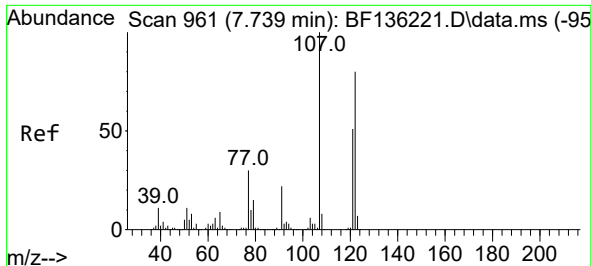
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#26
2-Nitrophenol
Concen: 44.537 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:139 Resp: 248412
Ion Ratio Lower Upper
139 100
109 29.4 25.0 37.6
65 46.1 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 53.482 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

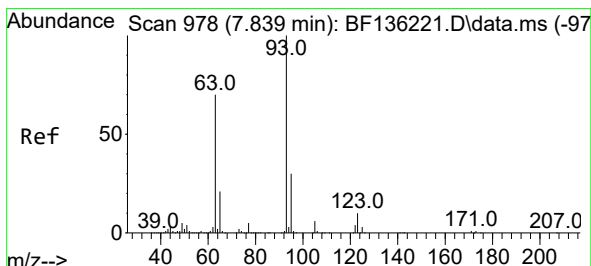
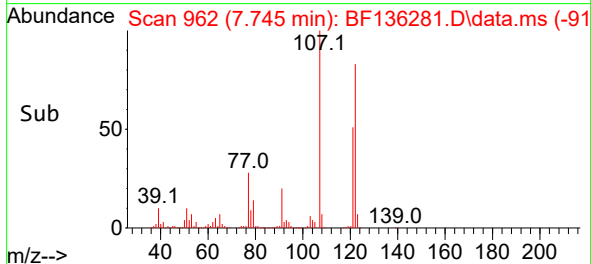
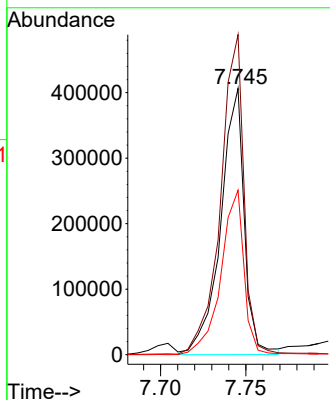
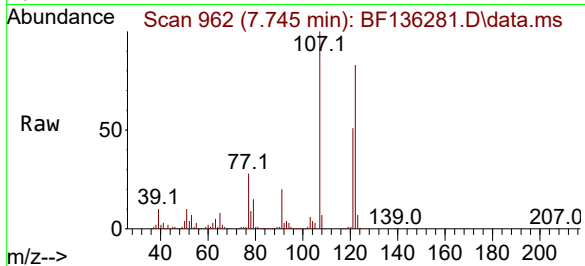
PB157023BSD

Tgt Ion:122 Resp: 392635
 Ion Ratio Lower Upper
 122 100
 107 120.2 100.0 150.0
 121 61.8 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.749 ng

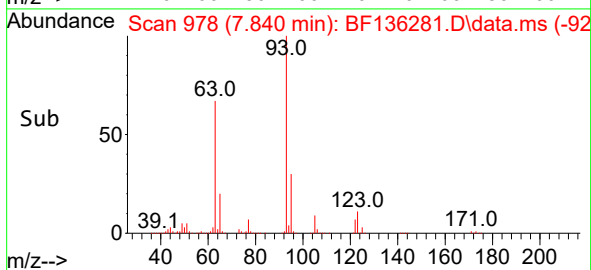
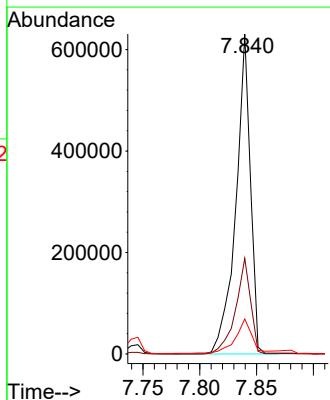
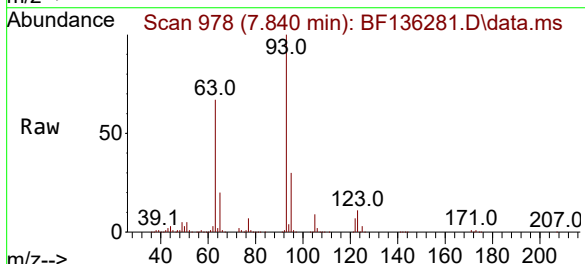
RT: 7.840 min Scan# 978

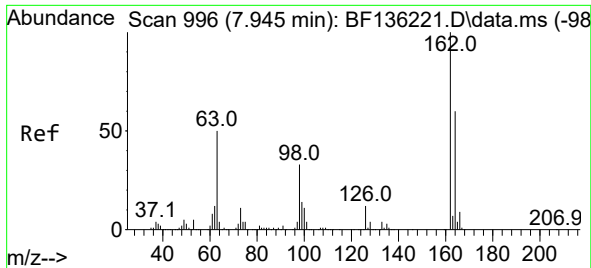
Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Tgt Ion: 93 Resp: 560040
 Ion Ratio Lower Upper
 93 100
 95 29.9 23.8 35.6
 123 11.0 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 40.909 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

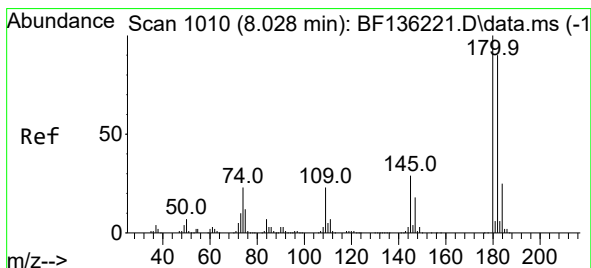
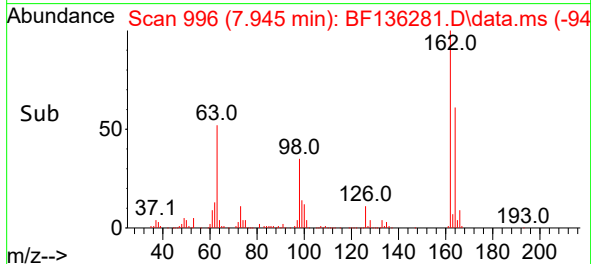
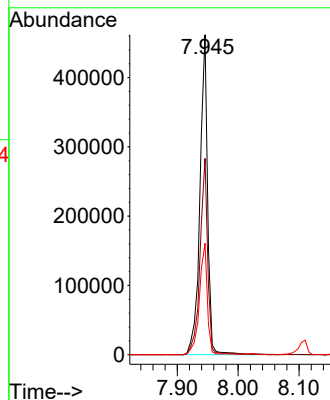
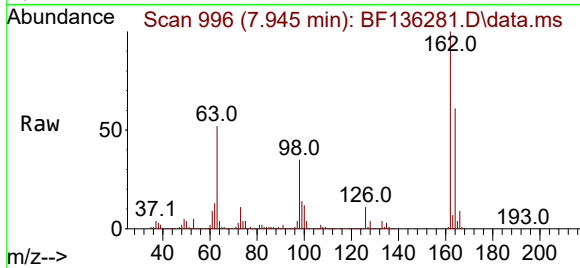
Tgt Ion:162 Resp: 405091
 Ion Ratio Lower Upper
 162 100
 164 61.3 40.3 80.3
 98 34.8 13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.491 ng

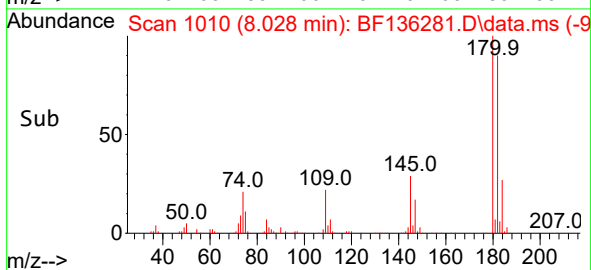
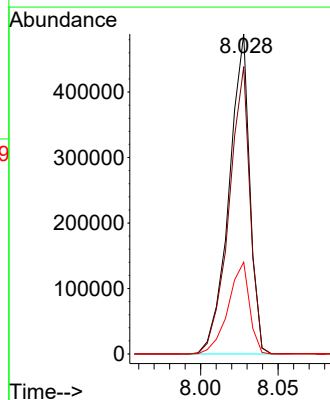
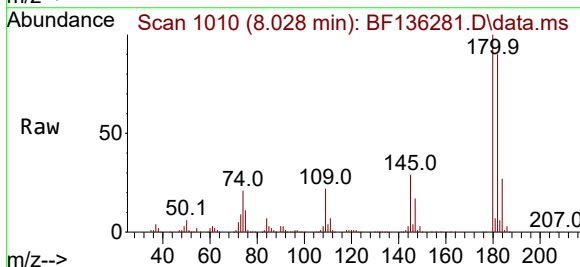
RT: 8.028 min Scan# 1010

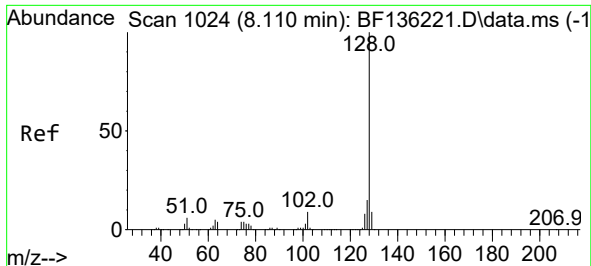
Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

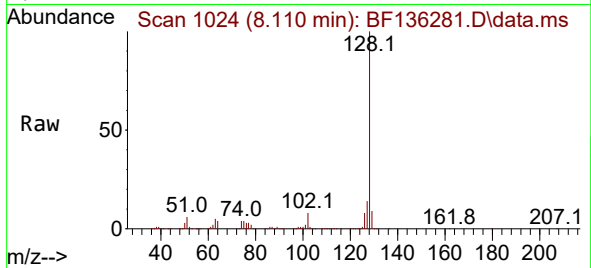
Tgt Ion:180 Resp: 454526
 Ion Ratio Lower Upper
 180 100
 182 89.8 71.6 107.4
 145 28.7 23.0 34.4





#31
Naphthalene
Concen: 38.653 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

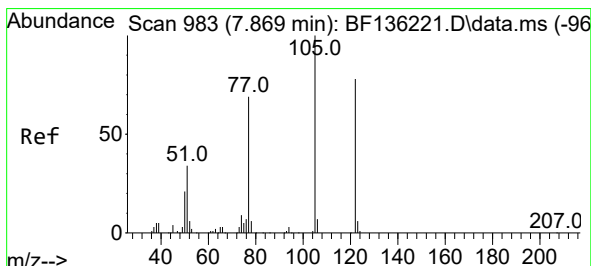
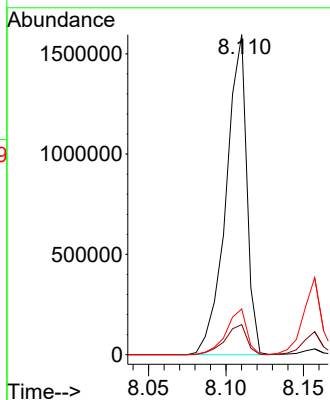
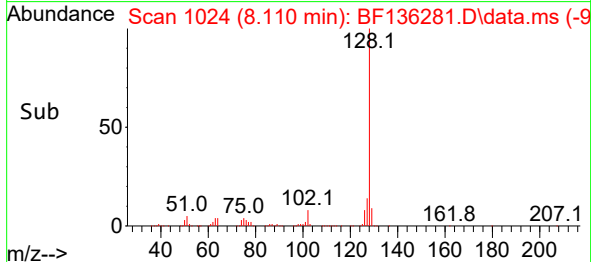
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



Tgt Ion:128 Resp: 1483088
Ion Ratio Lower Upper
128 100
129 9.4 7.3 10.9
127 14.3 11.8 17.6

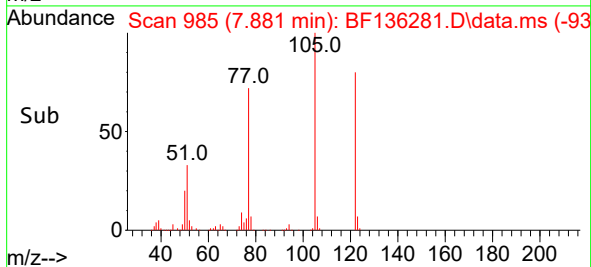
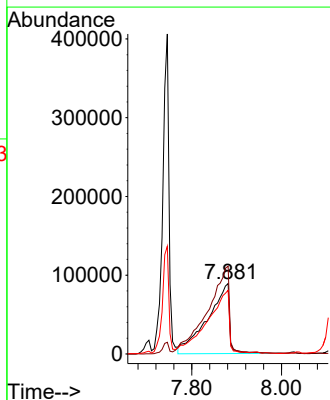
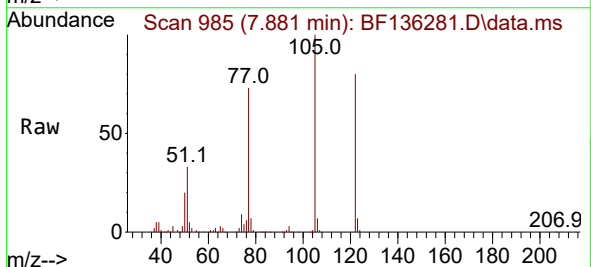
Manual Integrations
APPROVED

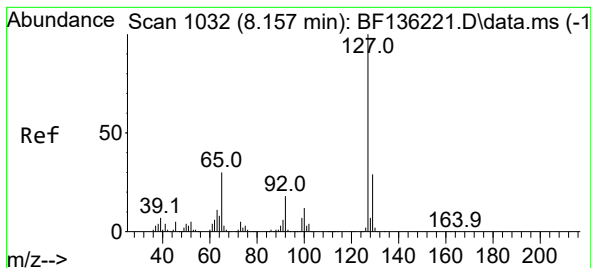
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 45.251 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:122 Resp: 302764
Ion Ratio Lower Upper
122 100
105 124.9 103.7 143.7
77 90.6 66.8 106.8





#33
4-Chloroaniline
Concen: 24.307 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

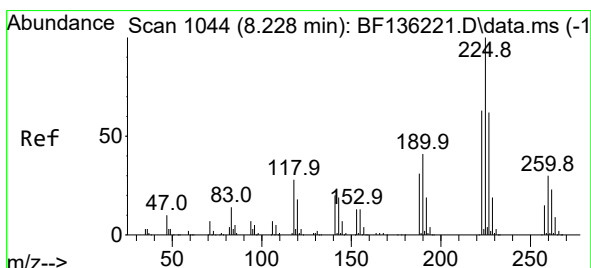
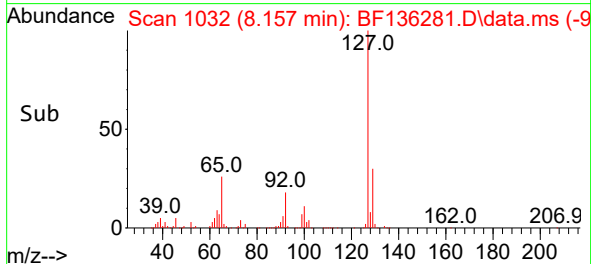
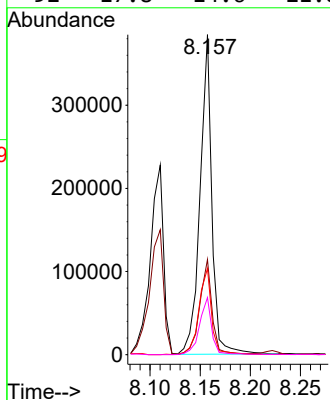
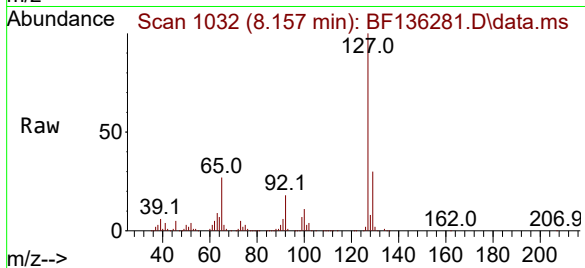
PB157023BSD

Tgt Ion:127 Resp: 317015
Ion Ratio Lower Upper
127 100
129 29.8 23.4 35.2
65 26.9 23.8 35.6
92 17.8 14.6 21.8

Manual Integrations

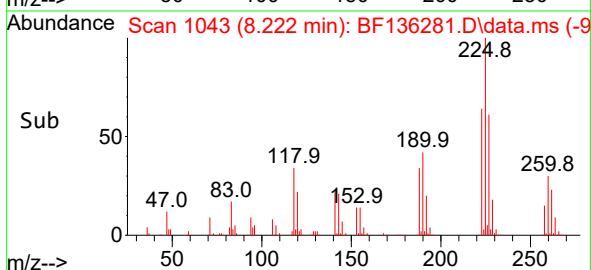
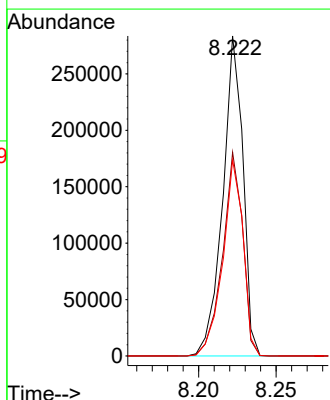
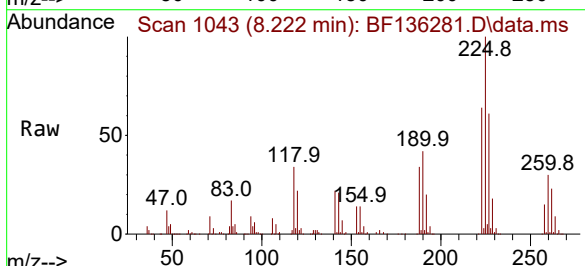
APPROVED

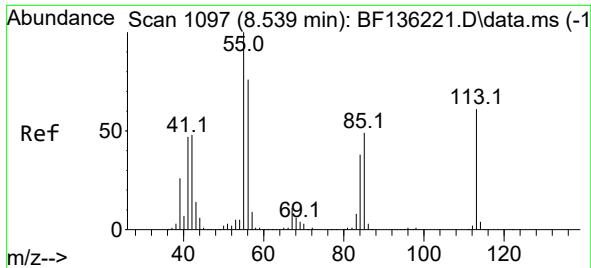
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 36.183 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:225 Resp: 256635
Ion Ratio Lower Upper
225 100
223 63.7 50.6 75.8
227 61.3 49.6 74.4





#35
Caprolactam
Concen: 43.875 ng m
RT: 8.534 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

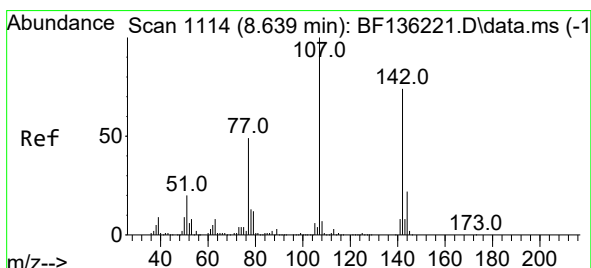
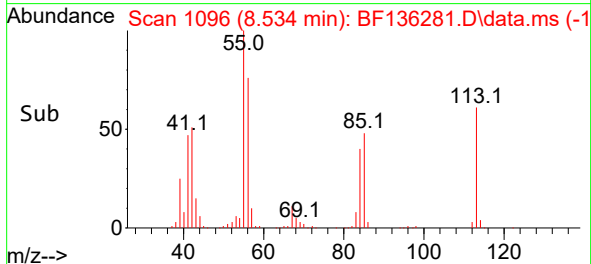
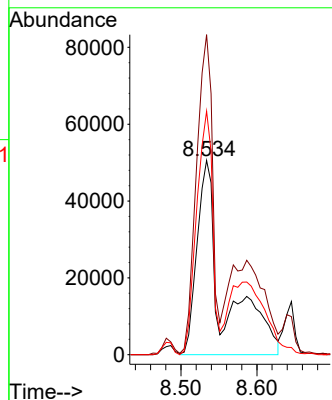
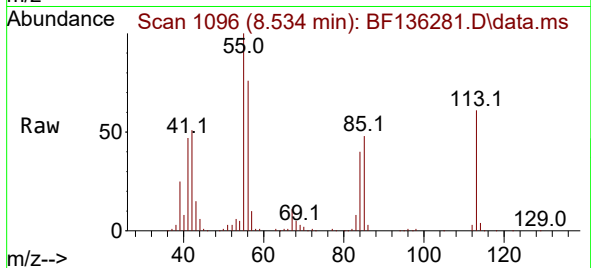
ClientSampleId :

PB157023BSD

Tgt Ion:113 Resp: 12145
Ion Ratio Lower Upper
113 100
55 164.8 143.1 183.1
56 125.4 103.6 143.6

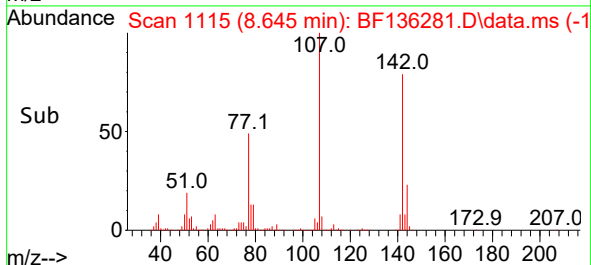
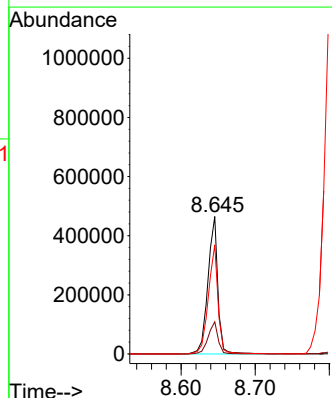
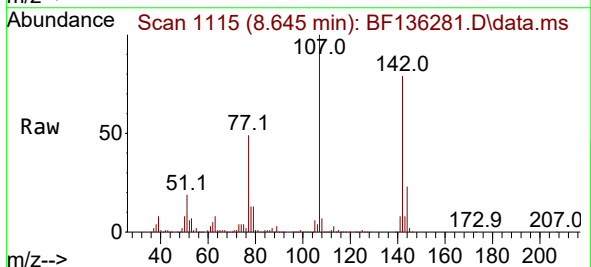
Manual Integrations
APPROVED

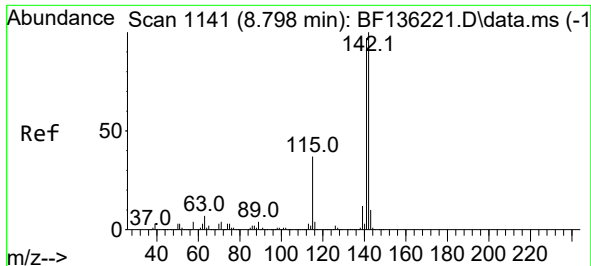
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#36
4-Chloro-3-methylphenol
Concen: 40.654 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

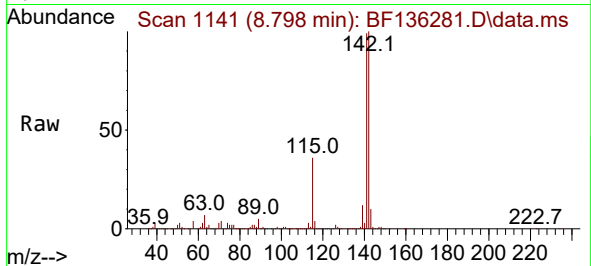
Tgt Ion:107 Resp: 436612
Ion Ratio Lower Upper
107 100
144 23.4 17.8 26.8
142 79.3 59.4 89.0





#37
2-Methylnaphthalene
Concen: 38.289 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

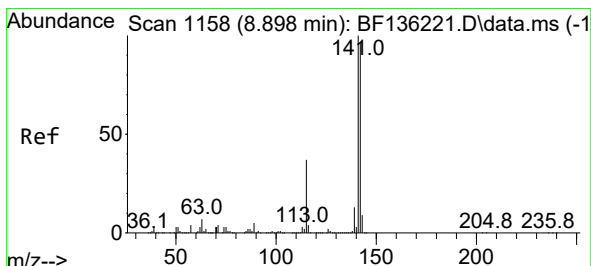
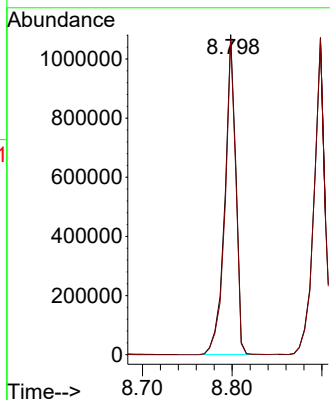
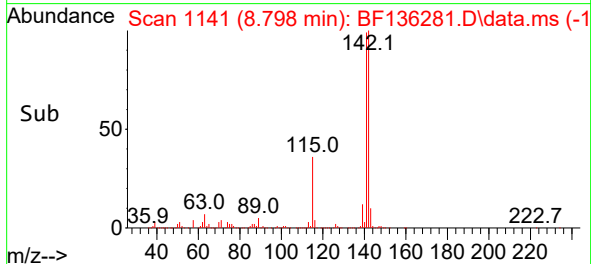
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



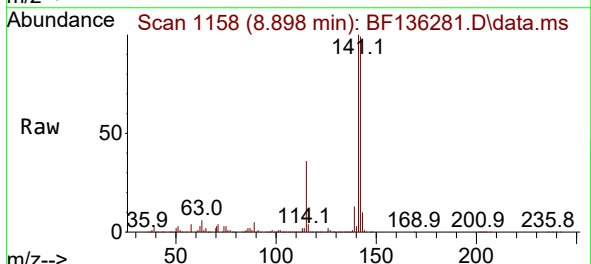
Tgt Ion:142 Resp: 92155
Ion Ratio Lower Upper
142 100
141 98.6 77.8 116.8

Manual Integrations
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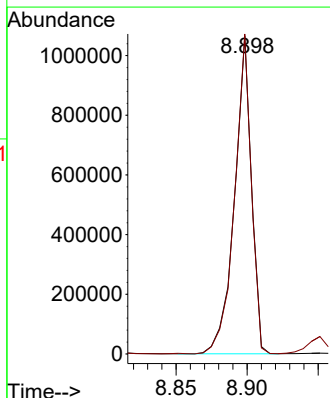
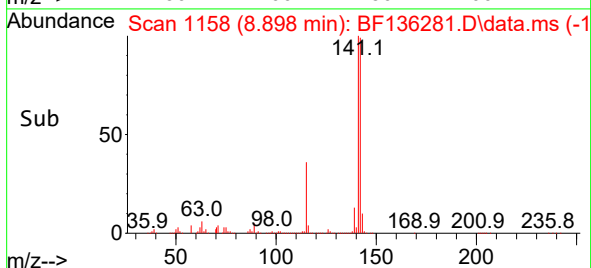
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

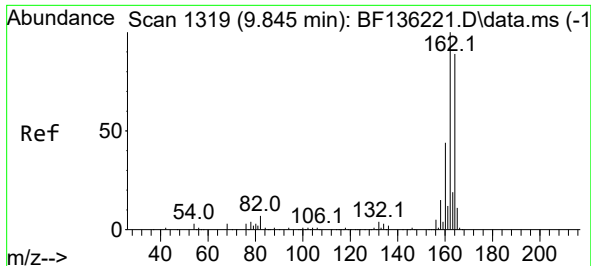


#38
1-Methylnaphthalene
Concen: 37.606 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



Tgt Ion:142 Resp: 882972
Ion Ratio Lower Upper
142 100
141 100.5 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BF136281.D

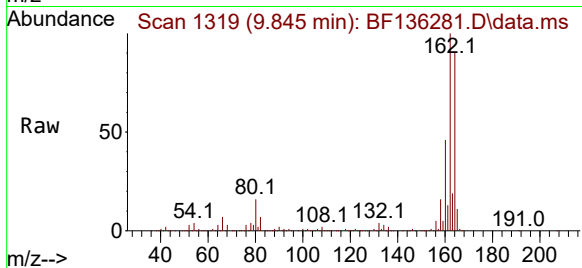
Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD



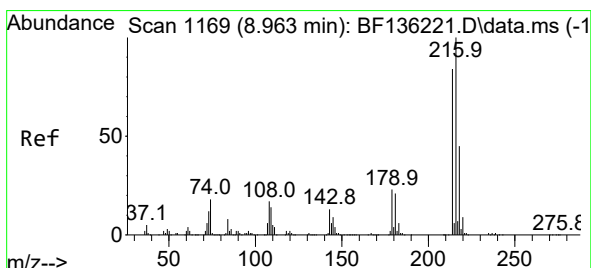
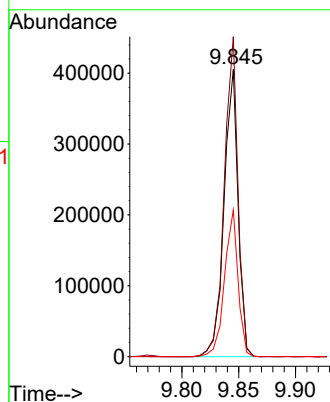
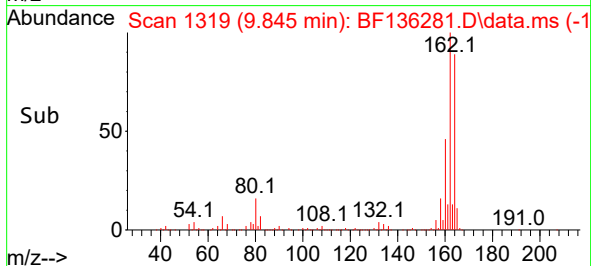
Tgt Ion:	164	Resp:	348330
Ion Ratio	Lower	Upper	
164	100		
162	111.3	89.5	134.3
160	51.1	39.6	59.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.070 ng

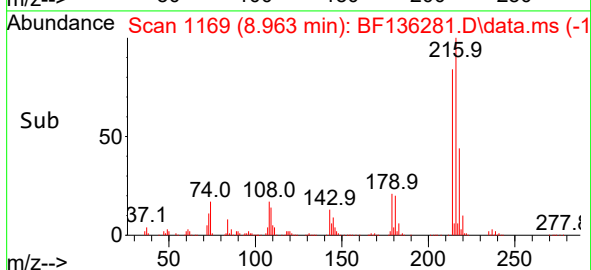
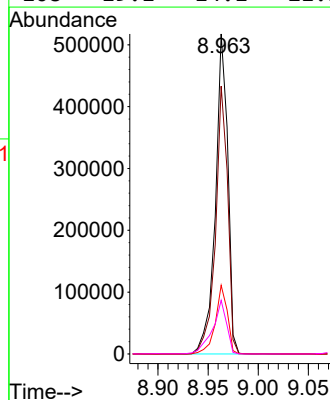
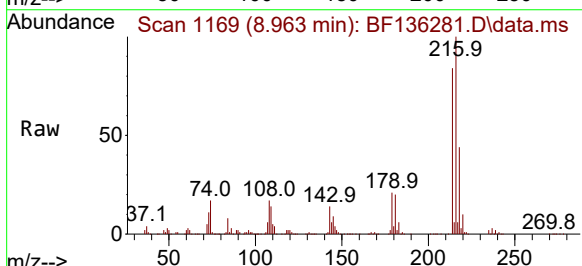
RT: 8.963 min Scan# 1169

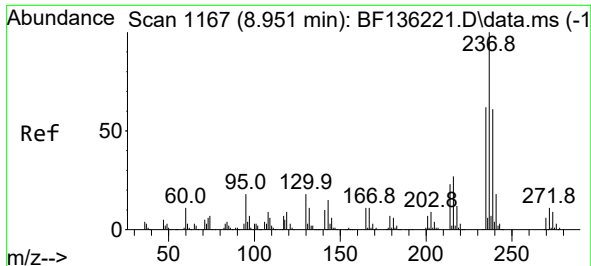
Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

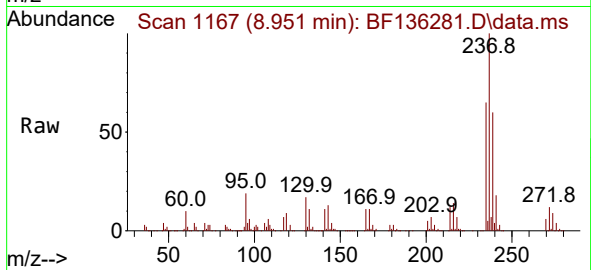
Tgt Ion:	216	Resp:	444206
Ion Ratio	Lower	Upper	
216	100		
214	81.8	65.8	98.8
179	20.9	17.4	26.0
108	19.1	14.1	21.1





#41
Hexachlorocyclopentadiene
Concen: 108.677 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

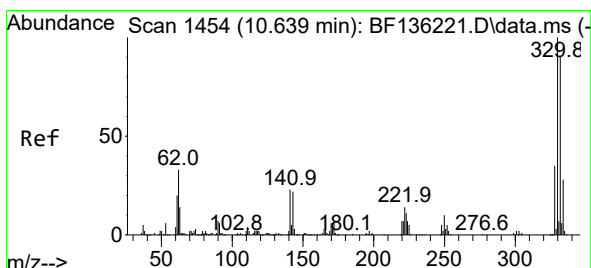
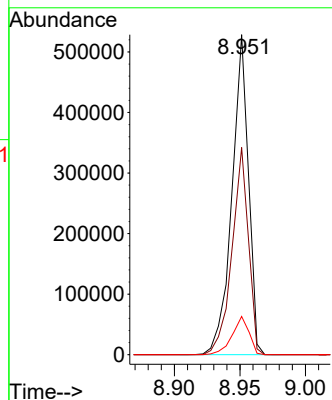
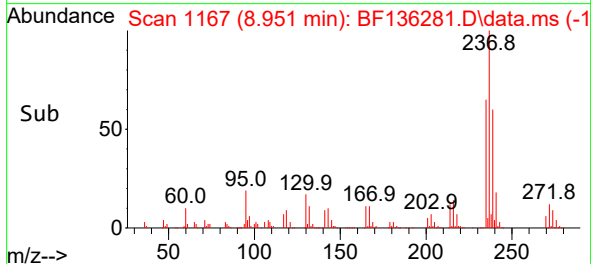
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



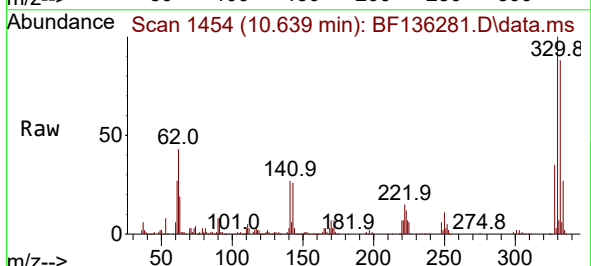
Tgt Ion:237 Resp: 463569
Ion Ratio Lower Upper
237 100
235 64.8 42.1 82.1
272 11.9 0.0 31.0

Manual Integrations
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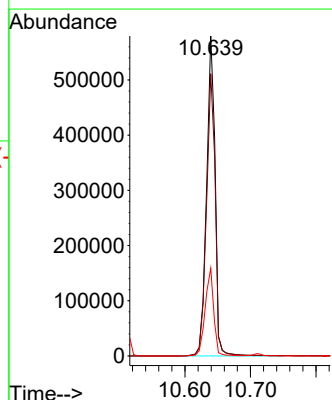
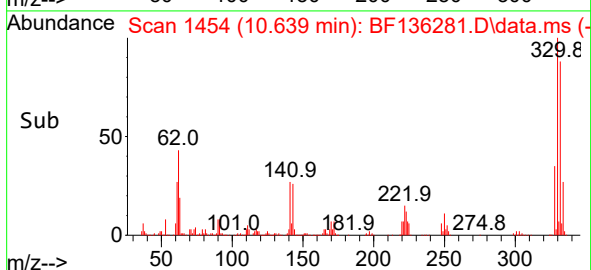
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

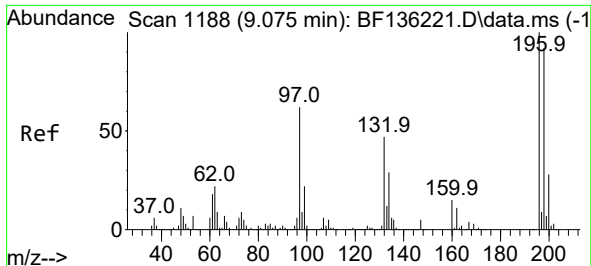


#42
2,4,6-Tribromophenol
Concen: 123.682 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



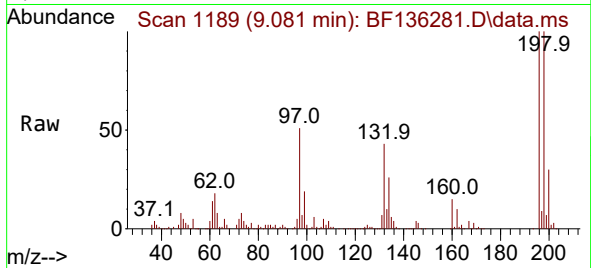
Tgt Ion:330 Resp: 526717
Ion Ratio Lower Upper
330 100
332 90.5 73.0 109.6
141 27.6 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 40.892 ng
RT: 9.081 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

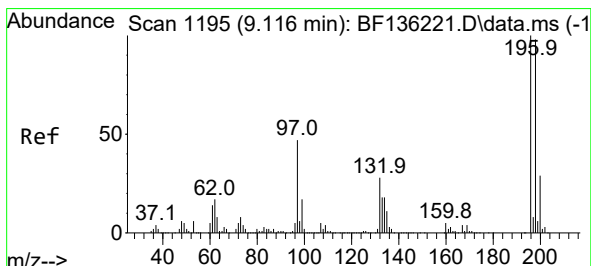
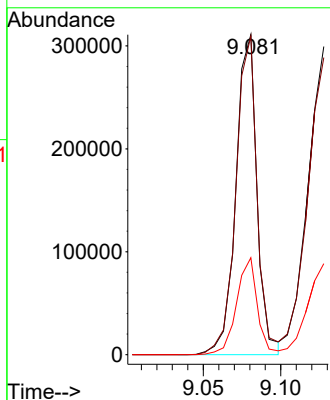
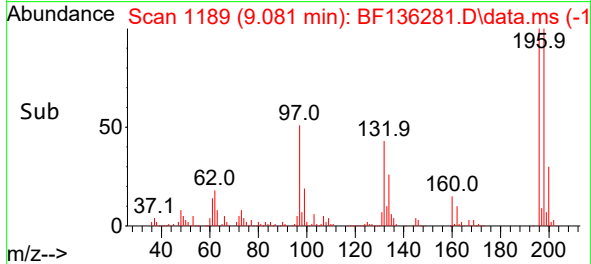
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



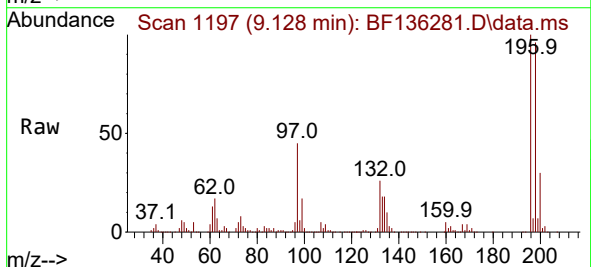
Tgt Ion:196 Resp: 29423
Ion Ratio Lower Upper
196 100
198 99.5 73.2 109.8
200 30.3 22.4 33.6

Manual Integrations
APPROVED

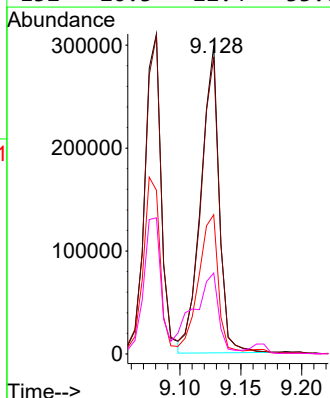
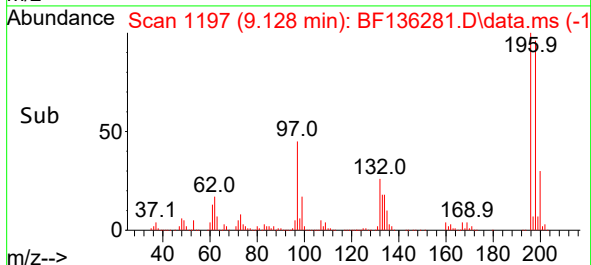
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

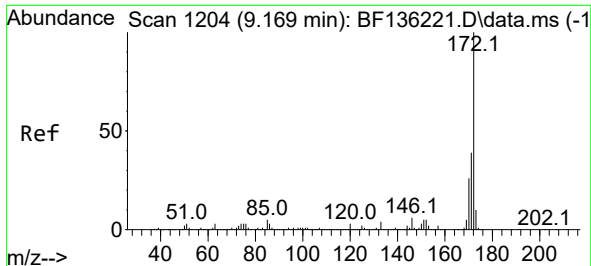


#44
2,4,5-Trichlorophenol
Concen: 39.557 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.012 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



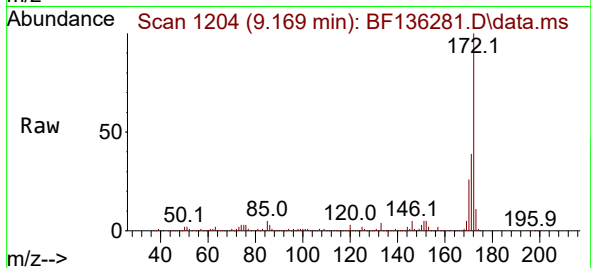
Tgt Ion:196 Resp: 310607
Ion Ratio Lower Upper
196 100
198 96.4 78.8 118.2
97 45.2 37.8 56.8
132 26.3 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 73.651 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

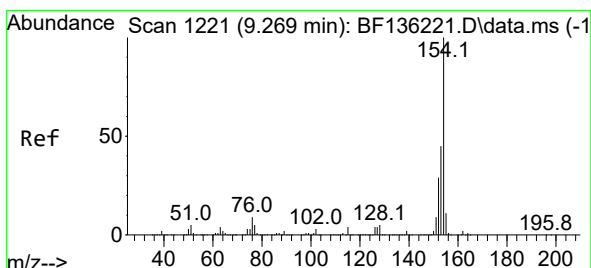
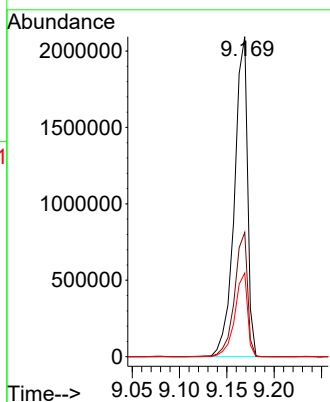
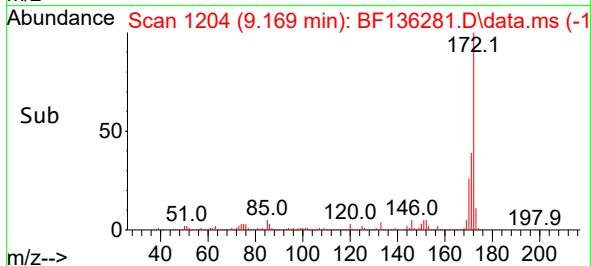
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



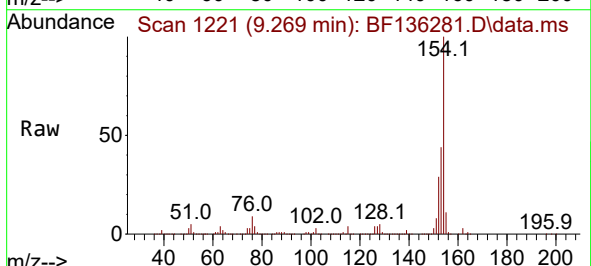
Tgt Ion:172 Resp: 200852
Ion Ratio Lower Upper
172 100
171 38.9 31.5 47.3
170 26.1 20.8 31.2

Manual Integrations
APPROVED

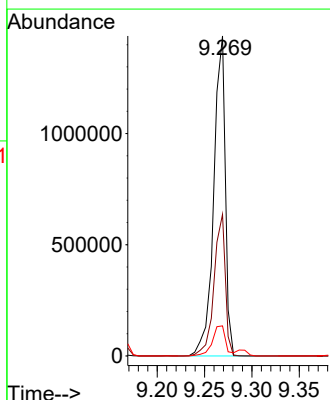
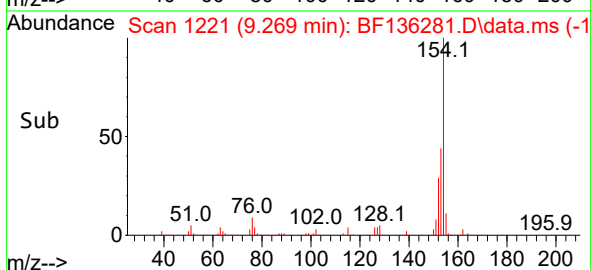
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

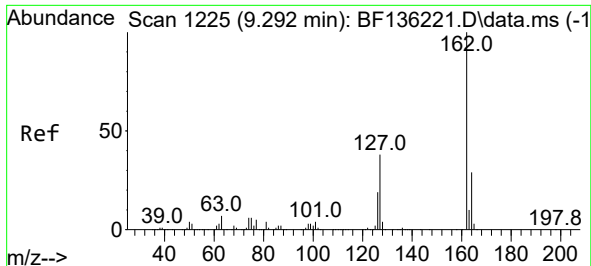


#46
1,1'-Biphenyl
Concen: 39.749 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



Tgt Ion:154 Resp: 1220995
Ion Ratio Lower Upper
154 100
153 44.2 24.6 64.6
76 9.4 0.0 29.4





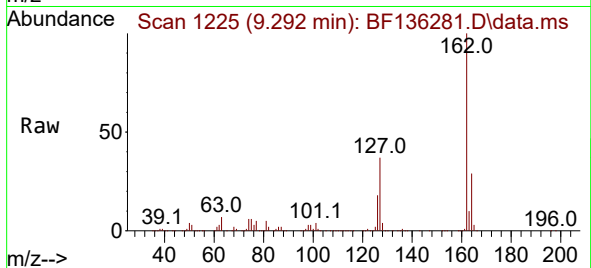
#47
2-Chloronaphthalene
Concen: 38.665 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

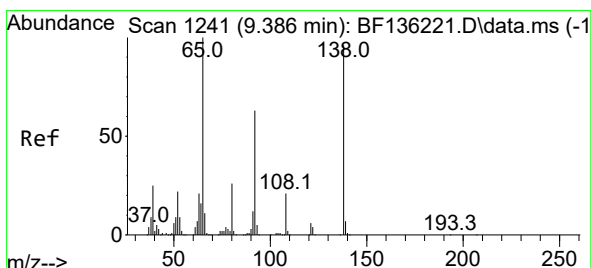
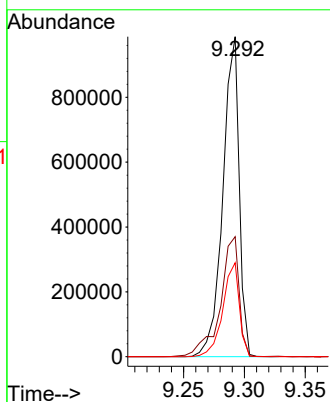
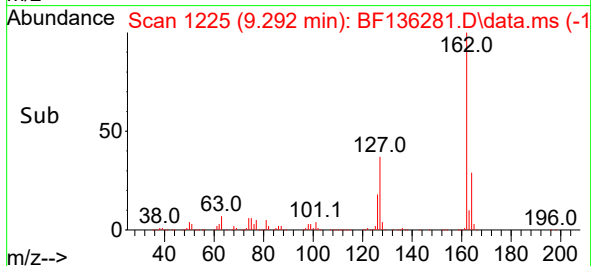
PB157023BSD



Tgt Ion:162 Resp: 92233
Ion Ratio Lower Upper
162 100
127 37.5 30.2 45.2
164 29.4 22.8 34.2

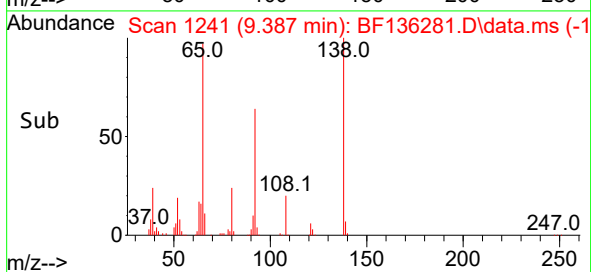
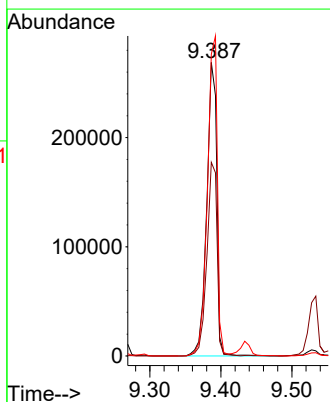
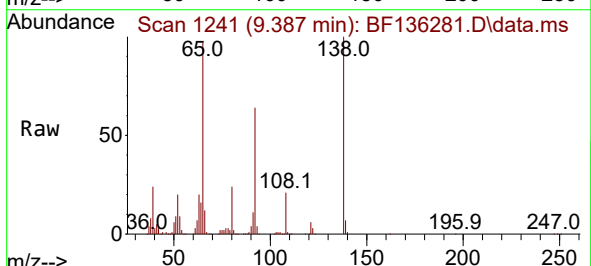
Manual Integrations
APPROVED

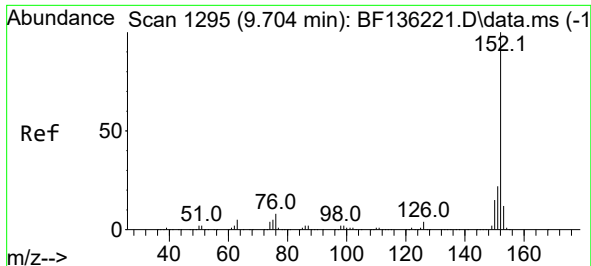
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#48
2-Nitroaniline
Concen: 42.705 ng
RT: 9.387 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion: 65 Resp: 265969
Ion Ratio Lower Upper
65 100
92 66.0 50.6 75.8
138 102.8 76.7 115.1





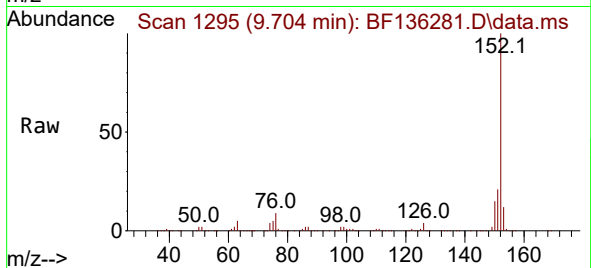
#49
Acenaphthylene
Concen: 42.866 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

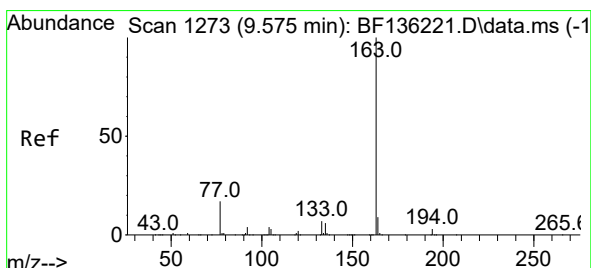
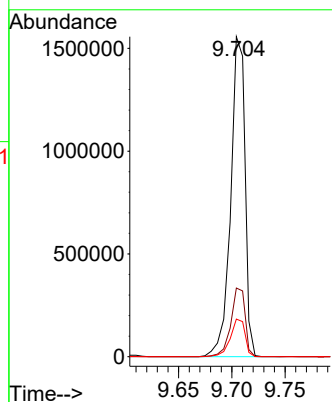
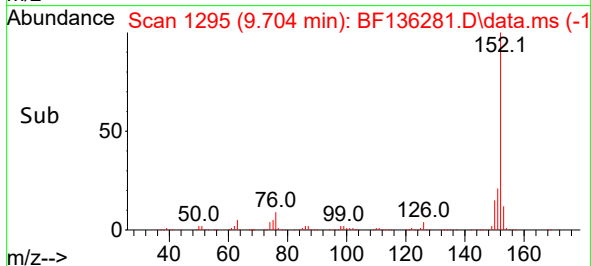


Tgt Ion:152 Resp: 145924
Ion Ratio Lower Upper
152 100
151 21.5 17.5 26.3
153 11.7 9.6 14.4

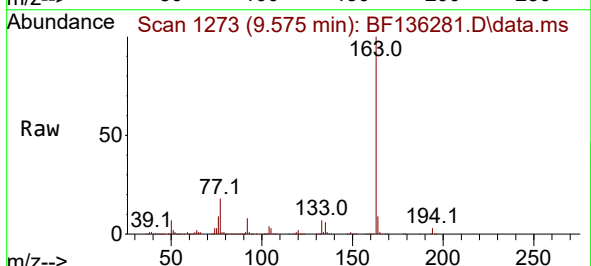
Manual Integrations

APPROVED

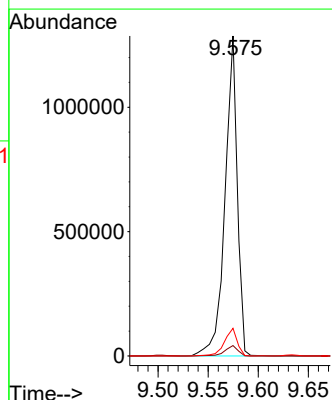
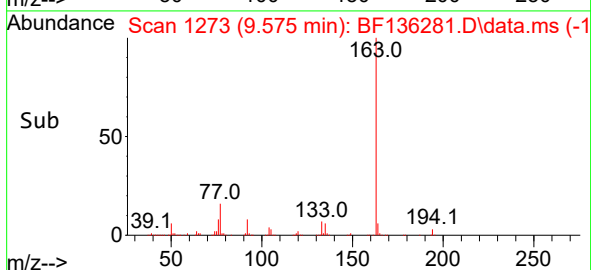
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

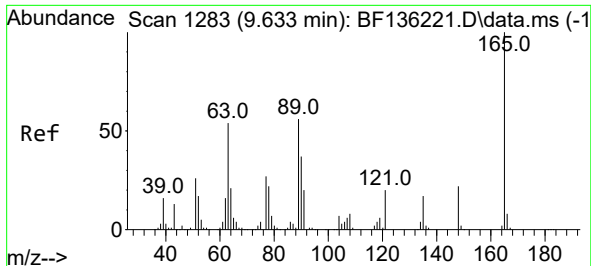


#50
Dimethylphthalate
Concen: 41.475 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



Tgt Ion:163 Resp: 1091928
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 8.6 7.0 10.6





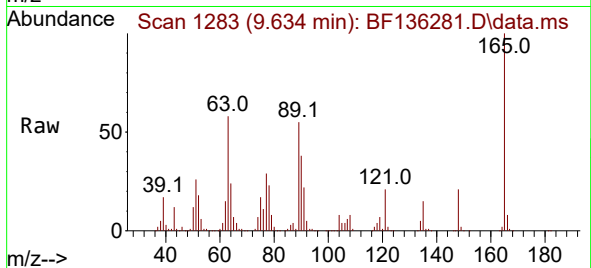
#51
2,6-Dinitrotoluene
Concen: 41.730 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

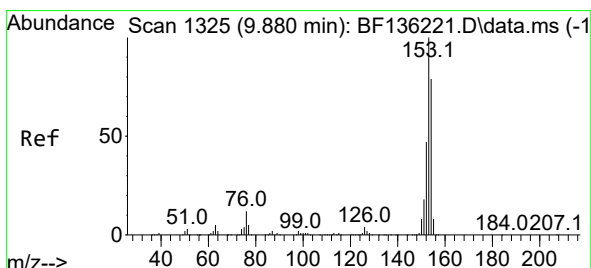
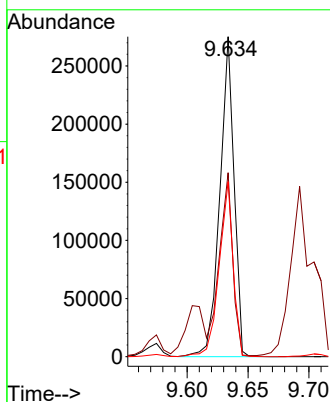
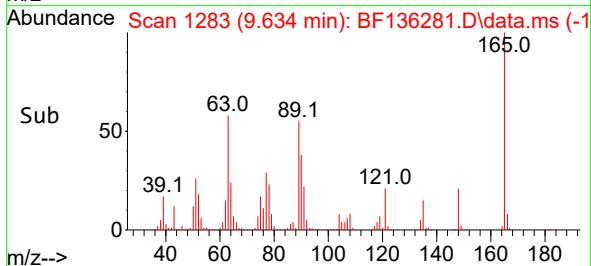


Tgt Ion:165 Resp: 224444
Ion Ratio Lower Upper
165 100
63 57.5 46.2 69.2
89 54.7 44.9 67.3

Manual Integrations

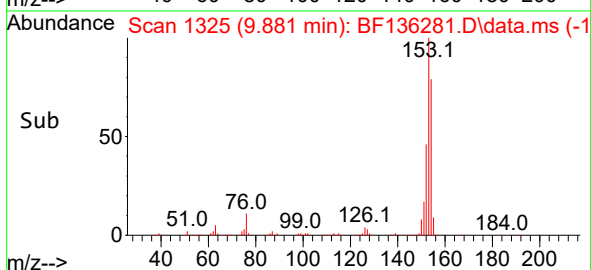
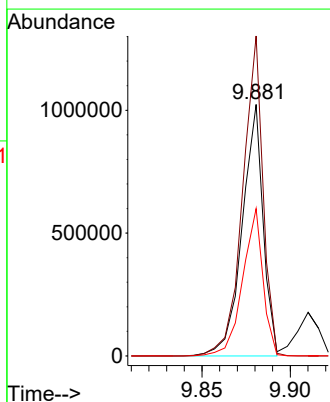
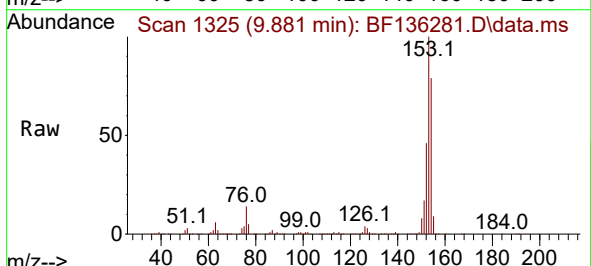
APPROVED

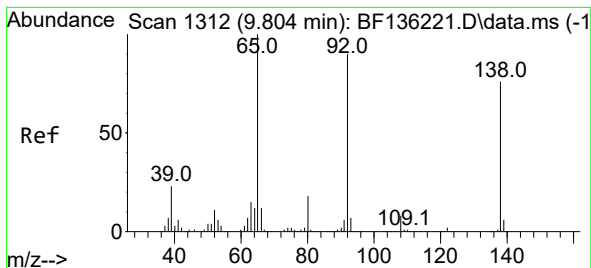
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#52
Acenaphthene
Concen: 39.422 ng m
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:154 Resp: 848090
Ion Ratio Lower Upper
154 100
153 127.2 100.8 151.2
152 58.6 47.0 70.6





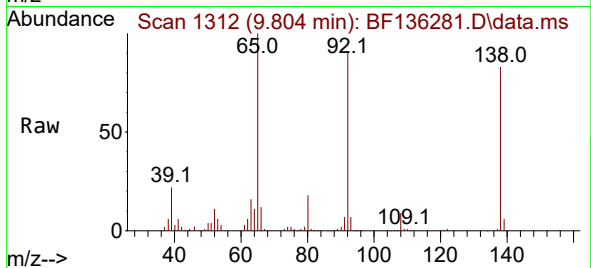
#53
3-Nitroaniline
Concen: 33.059 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD



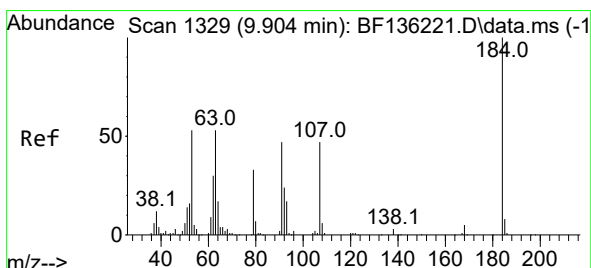
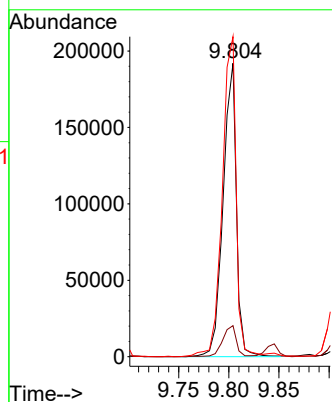
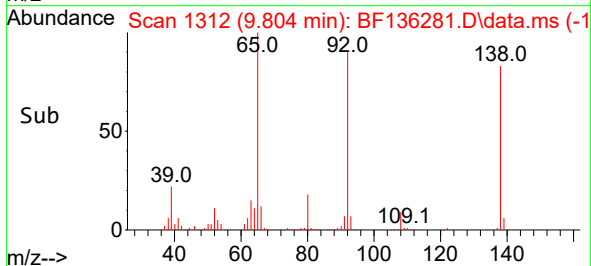
Tgt Ion:138 Resp: 176429
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 109.0 94.2 141.4

Manual Integrations

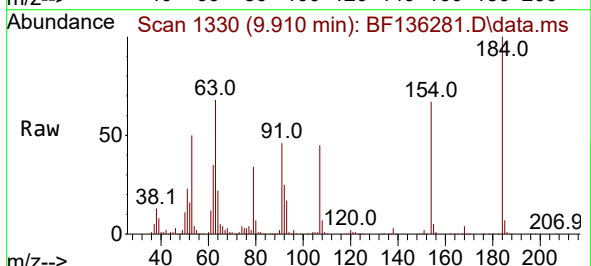
APPROVED

Reviewed By :Yogesh Patel 11/30/2023

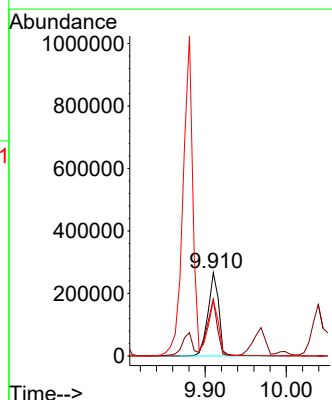
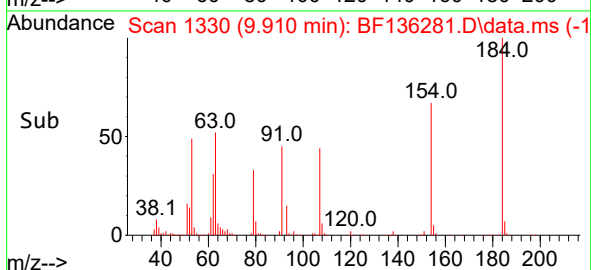
Supervised By :mohammad ahmed 12/01/2023

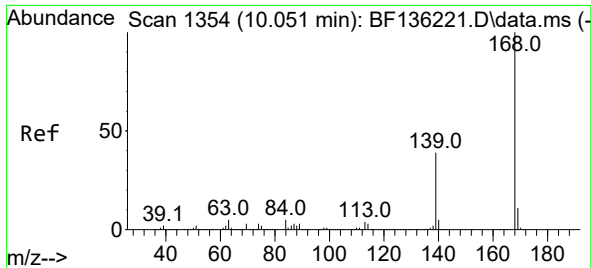


#54
2,4-Dinitrophenol
Concen: 99.322 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



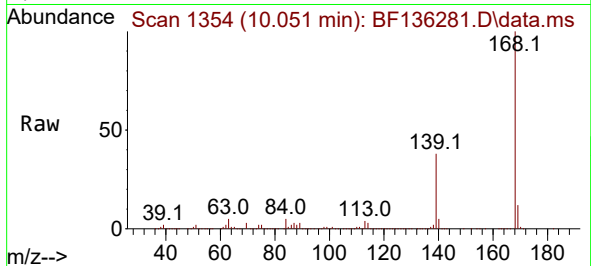
Tgt Ion:184 Resp: 248451
Ion Ratio Lower Upper
184 100
63 68.1 55.0 82.4
154 66.7 54.9 82.3





#55
Dibenzenofuran
Concen: 40.510 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

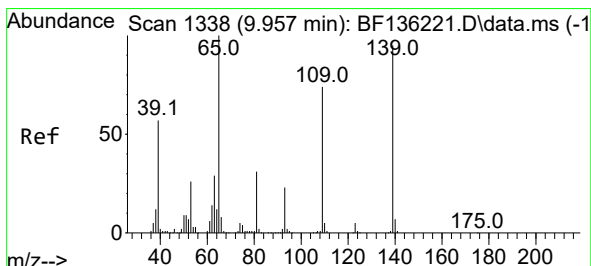
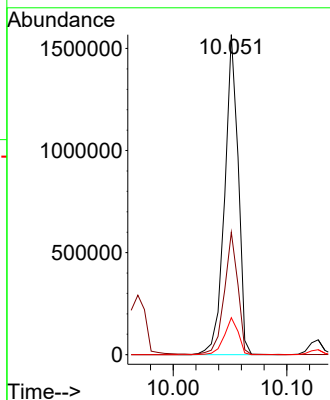
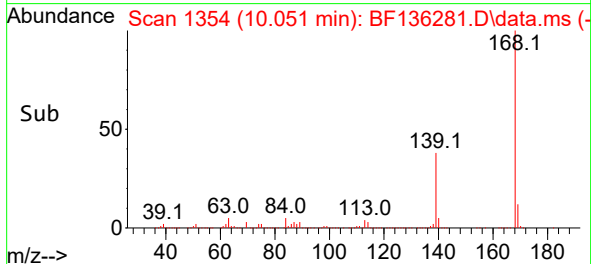
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



Tgt Ion:168 Resp: 1296798
Ion Ratio Lower Upper
168 100
139 38.3 30.9 46.3
169 11.6 9.1 13.7

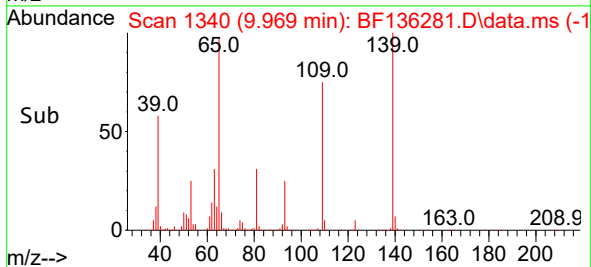
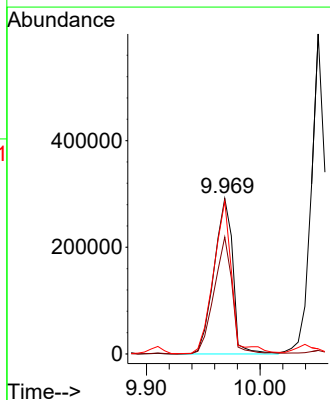
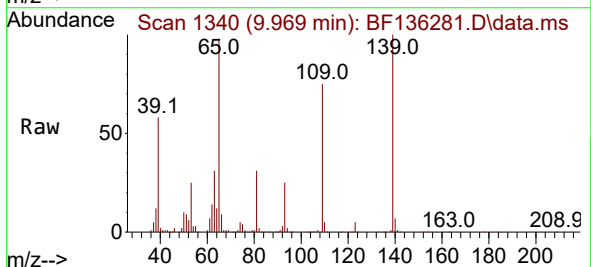
Manual Integrations
APPROVED

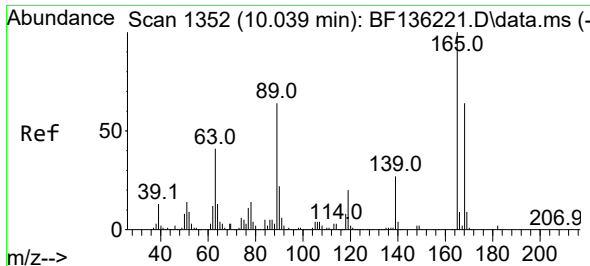
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 82.721 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

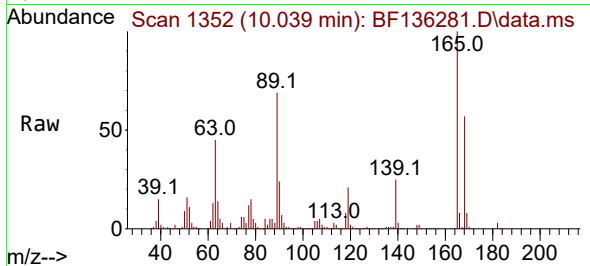
Tgt Ion:139 Resp: 335287
Ion Ratio Lower Upper
139 100
109 75.2 57.8 97.8
65 98.4 86.0 126.0





#57
2,4-Dinitrotoluene
Concen: 42.748 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

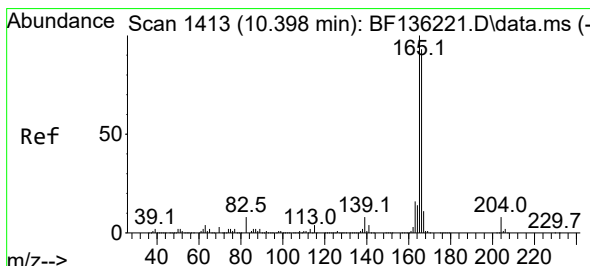
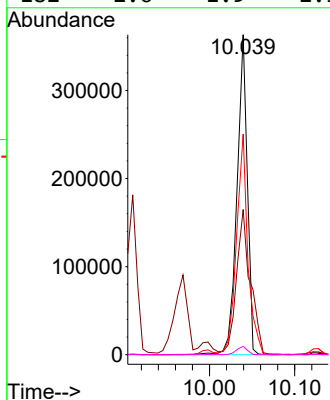
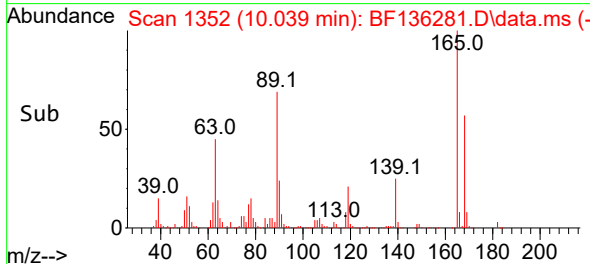
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



Tgt Ion:165 Resp: 30711
Ion Ratio Lower Upper
165 100
63 45.4 33.0 49.4
89 68.9 51.5 77.3
182 2.6 1.9 2.9

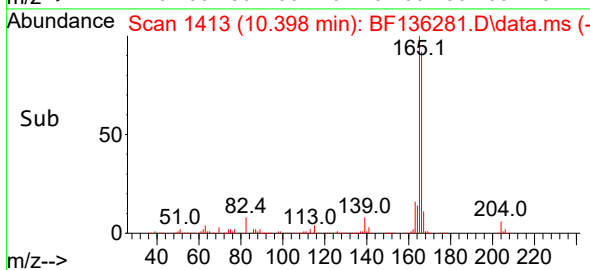
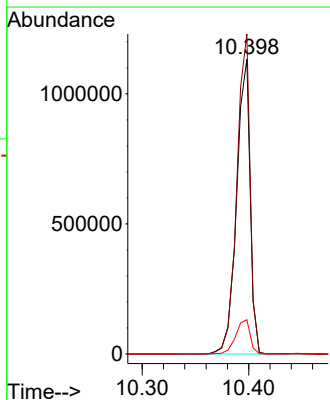
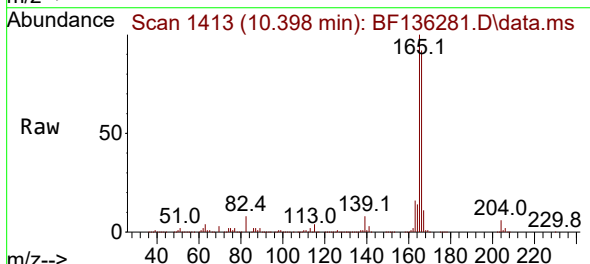
Manual Integrations
APPROVED

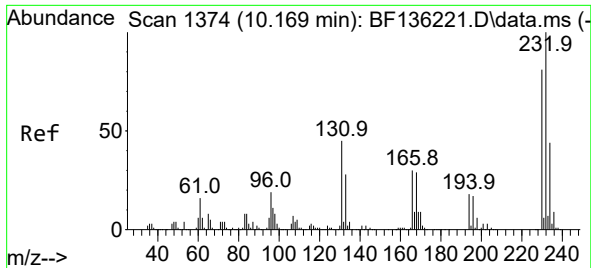
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#58
Fluorene
Concen: 39.907 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

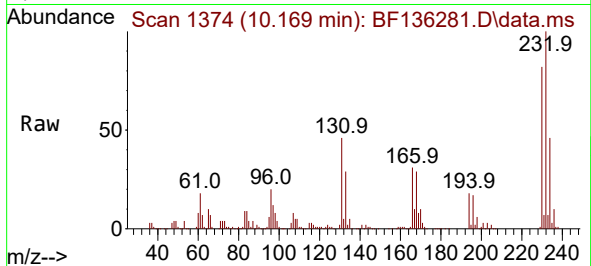
Tgt Ion:166 Resp: 1002066
Ion Ratio Lower Upper
166 100
165 108.5 86.2 129.4
167 11.6 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.801 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

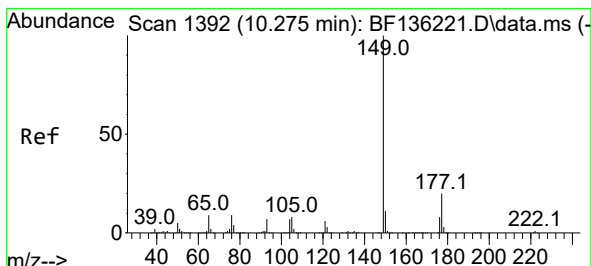
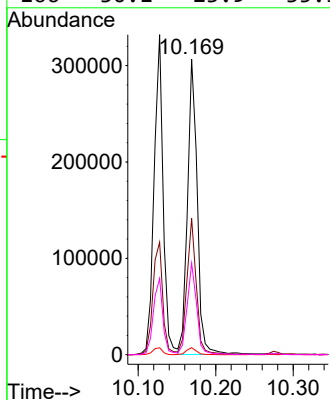
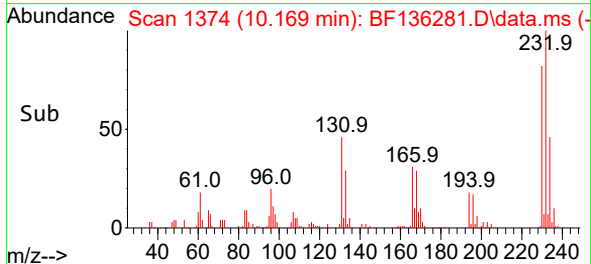
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



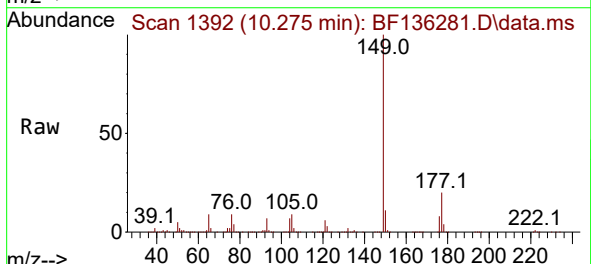
Tgt Ion:232 Resp: 267408
Ion Ratio Lower Upper
232 100
131 44.4 36.4 54.6
130 2.5 1.9 2.9
166 30.1 23.9 35.9

Manual Integrations
APPROVED

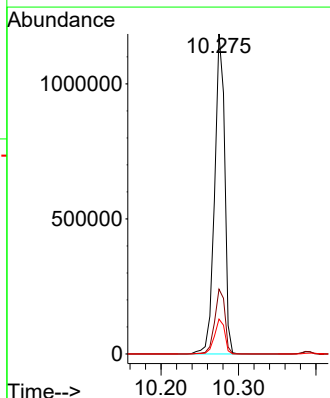
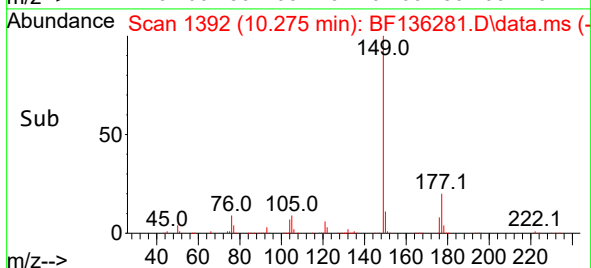
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

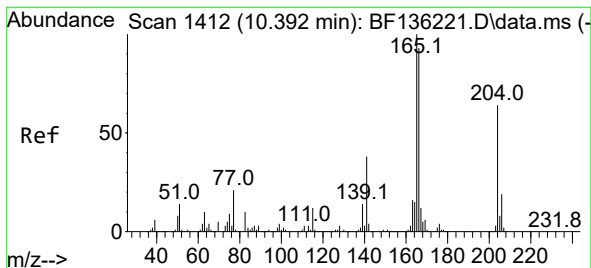


#60
Diethylphthalate
Concen: 40.514 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



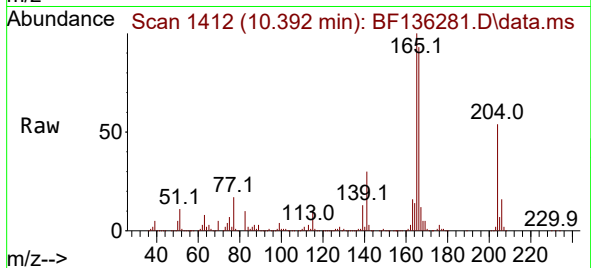
Tgt Ion:149 Resp: 1066958
Ion Ratio Lower Upper
149 100
177 20.3 15.8 23.6
150 10.9 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 39.216 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

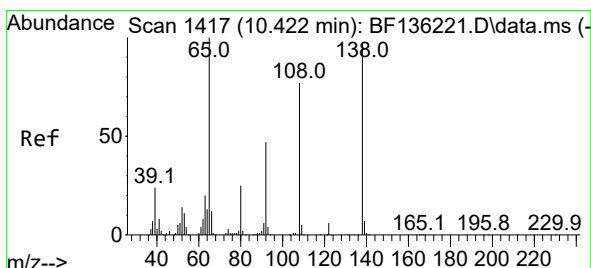
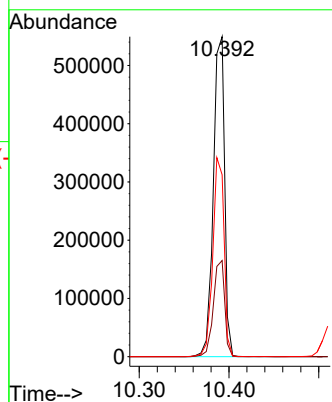
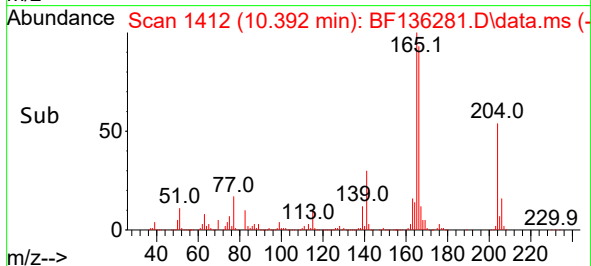
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



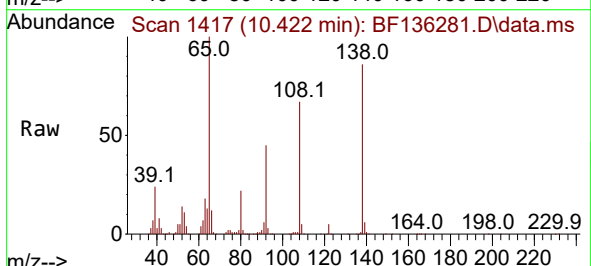
Tgt Ion:204 Resp: 47820
Ion Ratio Lower Upper
204 100
206 30.0 23.4 35.0
141 56.9 47.6 71.4

Manual Integrations
APPROVED

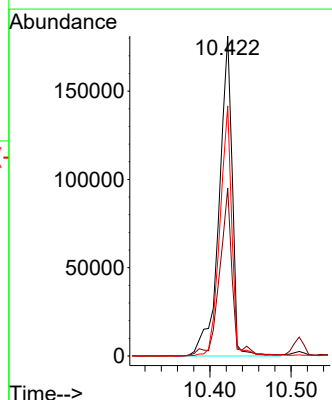
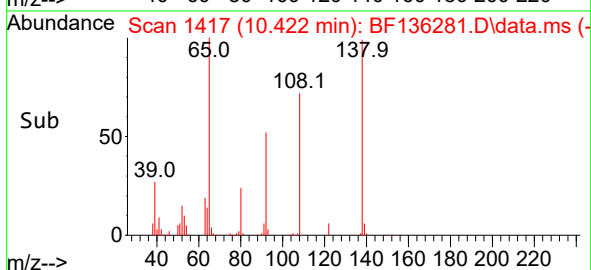
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

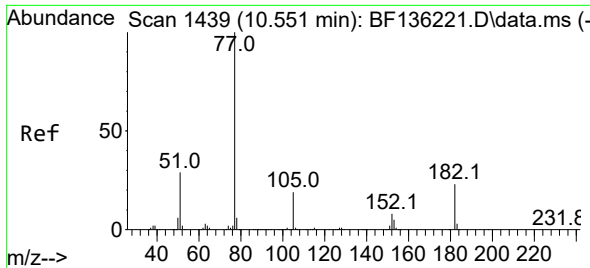


#62
4-Nitroaniline
Concen: 39.055 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



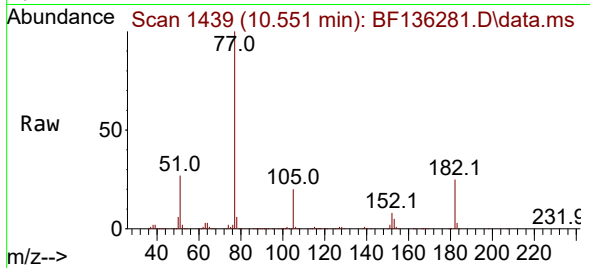
Tgt Ion:138 Resp: 204016
Ion Ratio Lower Upper
138 100
92 52.5 28.5 68.5
108 78.1 59.8 99.8





#63
Azobenzene
Concen: 40.087 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

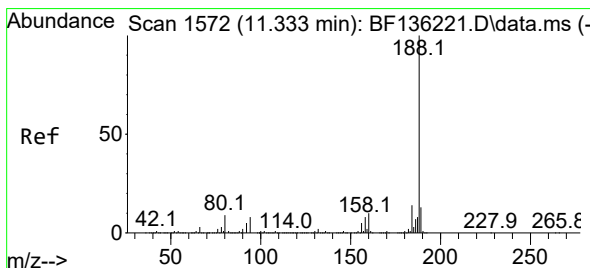
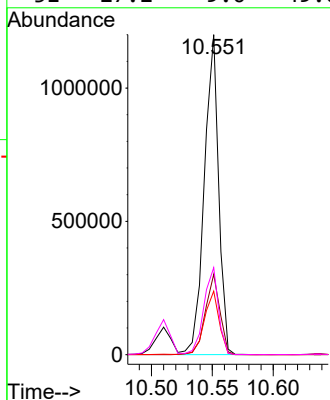
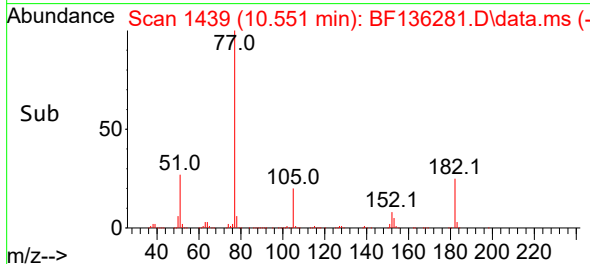
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



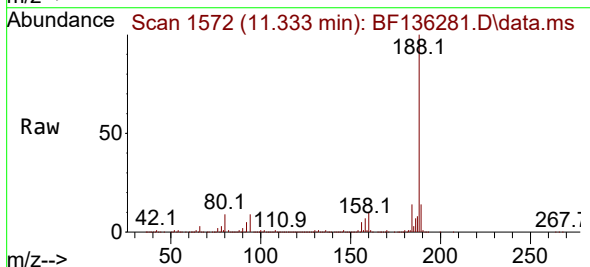
Tgt Ion: 77 Resp: 978720
Ion Ratio Lower Upper
77 100
182 25.1 3.3 43.3
105 19.9 0.0 39.5
51 27.2 9.0 49.0

Manual Integrations
APPROVED

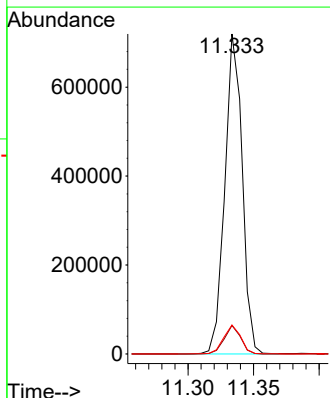
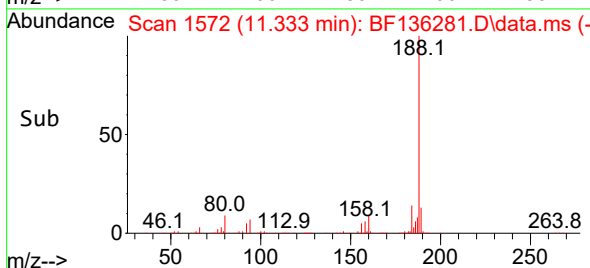
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

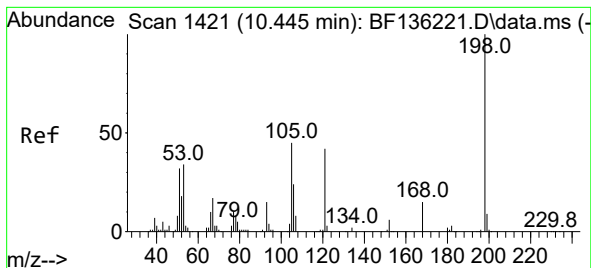


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



Tgt Ion:188 Resp: 662266
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.0 7.2 10.8





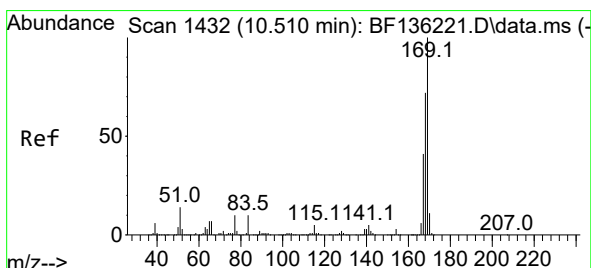
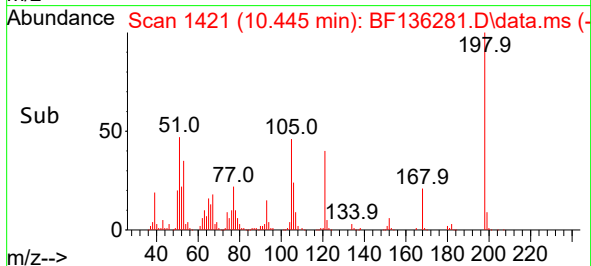
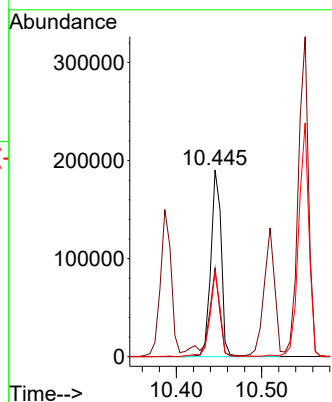
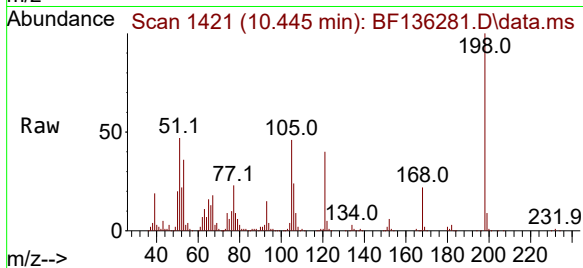
#65
4,6-Dinitro-2-methylphenol
Concen: 44.540 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Instrument :
BNA_F
ClientSampleId :
PB157023BSD

Tgt Ion:198 Resp: 161304
Ion Ratio Lower Upper
198 100
51 47.4 28.2 68.2
105 45.6 25.7 65.7

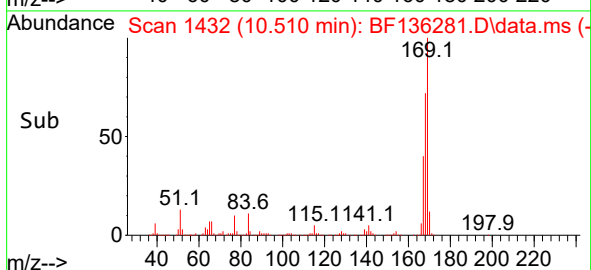
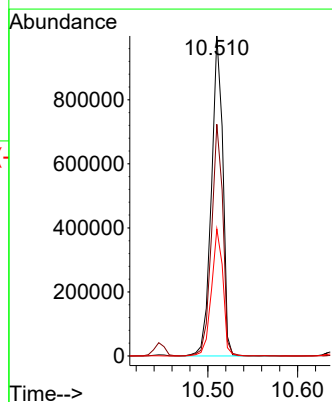
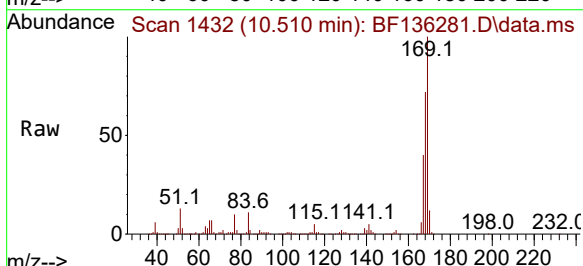
Manual Integrations
APPROVED

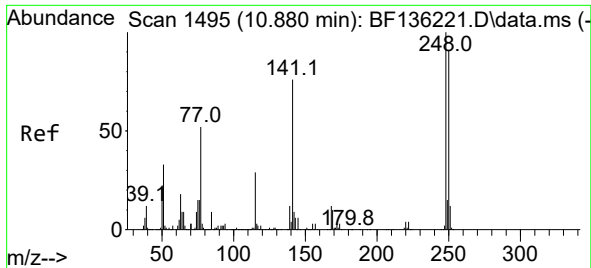
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 41.610 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:169 Resp: 883091
Ion Ratio Lower Upper
169 100
168 72.4 57.8 86.6
167 39.7 32.7 49.1





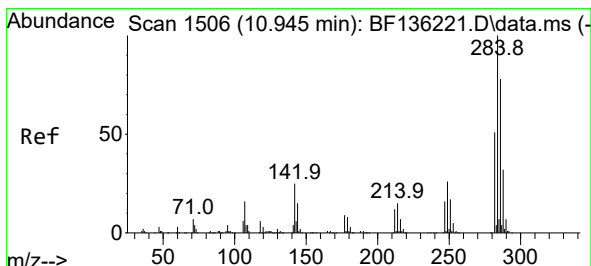
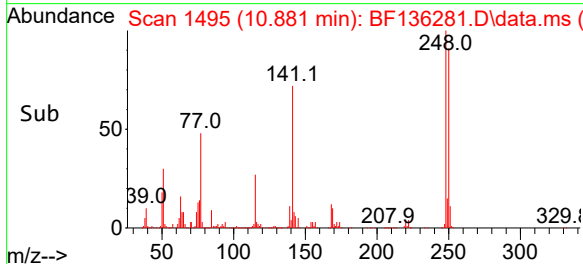
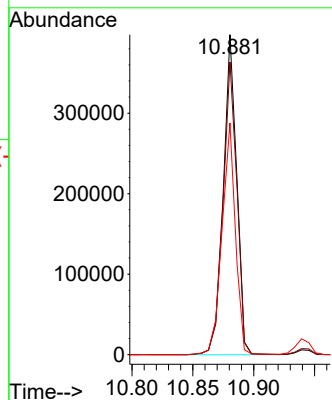
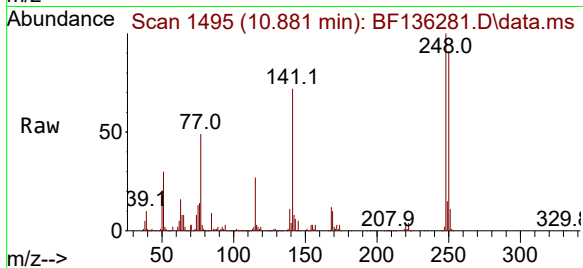
#67
4-Bromophenyl-phenylether
Concen: 39.771 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Instrument :
BNA_F
ClientSampleId :
PB157023BSD

Tgt Ion:248 Resp: 30728
Ion Ratio Lower Upper
248 100
250 91.4 72.5 108.7
141 72.4 60.8 91.2

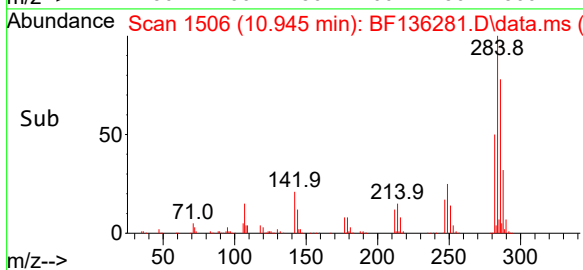
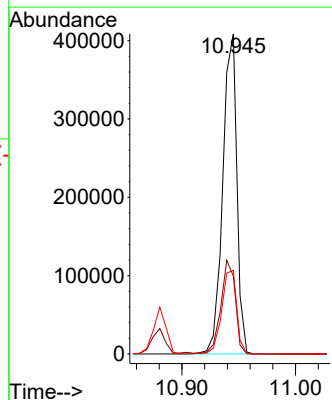
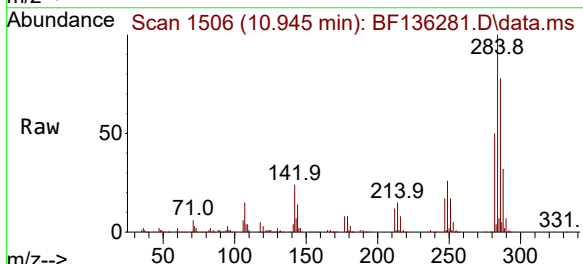
Manual Integrations
APPROVED

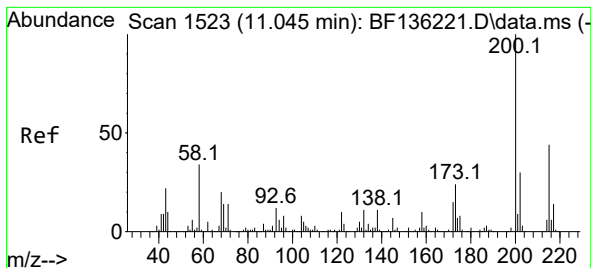
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#68
Hexachlorobenzene
Concen: 39.497 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:284 Resp: 353194
Ion Ratio Lower Upper
284 100
142 24.4 19.8 29.8
249 26.1 21.0 31.4





#69

Atrazine

Concen: 40.885 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

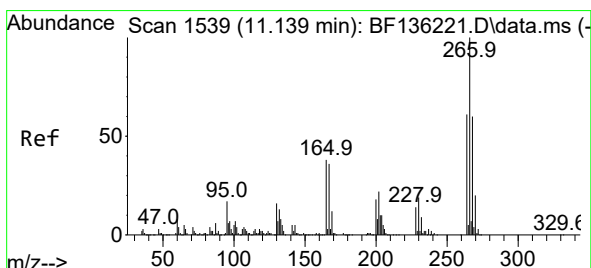
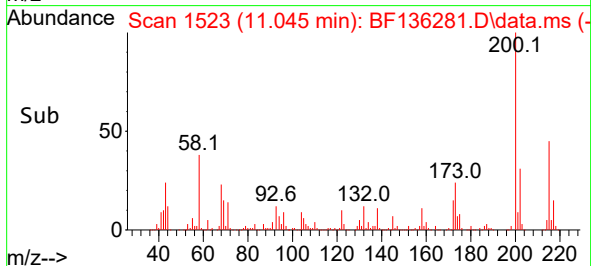
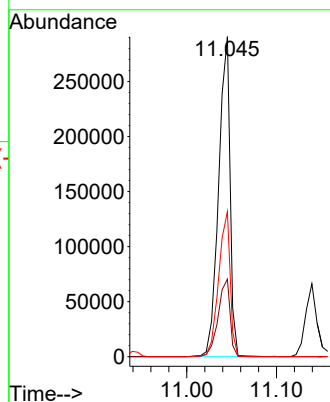
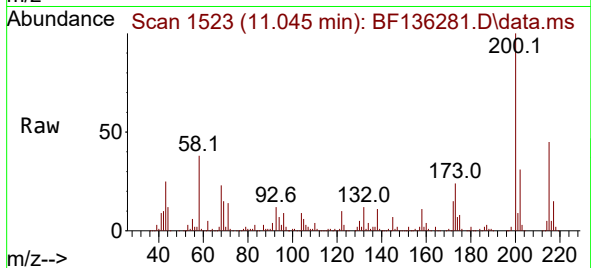
Tgt Ion:200 Resp: 257404
 Ion Ratio Lower Upper
 200 100
 173 24.3 4.3 44.3
 215 45.4 23.8 63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#70

Pentachlorophenol

Concen: 66.735 ng

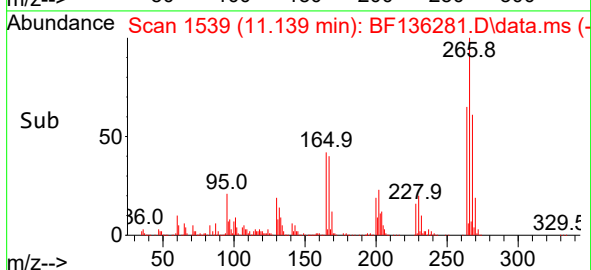
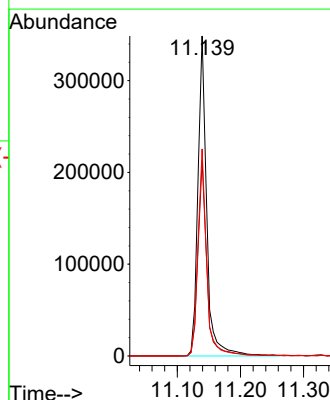
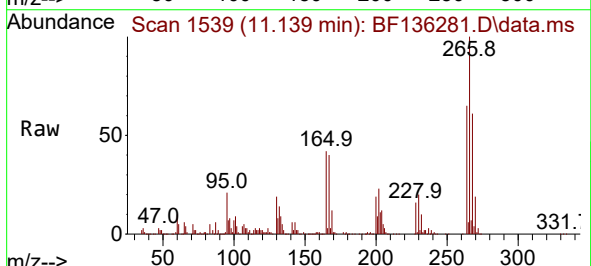
RT: 11.139 min Scan# 1539

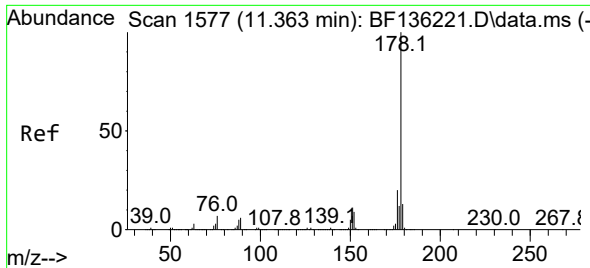
Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

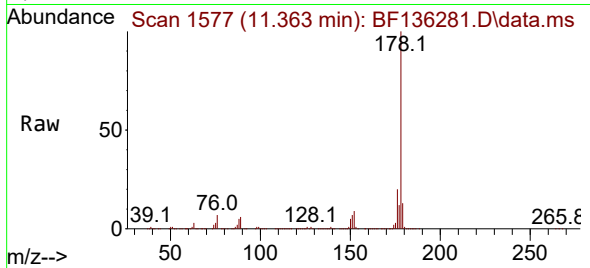
Tgt Ion:266 Resp: 337323
 Ion Ratio Lower Upper
 266 100
 268 61.0 47.9 71.9
 264 64.7 49.1 73.7





#71
Phenanthrene
Concen: 41.571 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

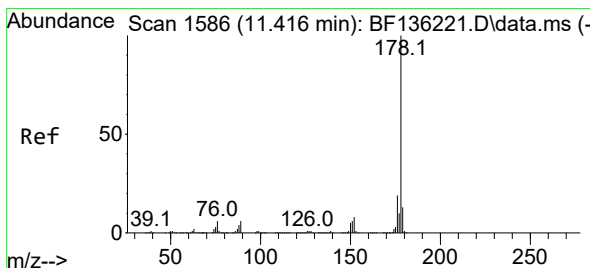
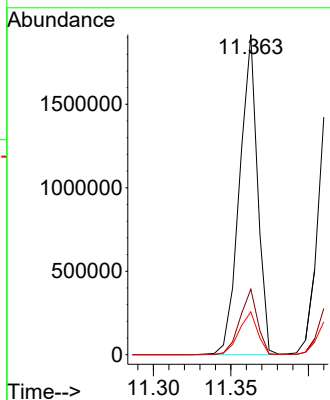
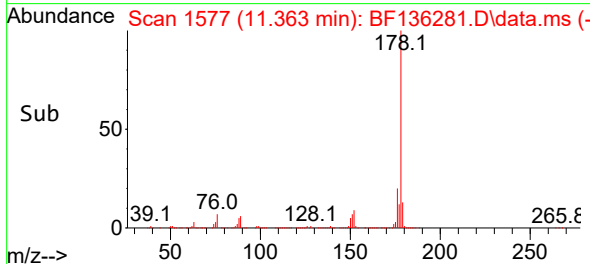
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



Tgt Ion:178 Resp: 1547388
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.2
179 13.4 10.3 15.5

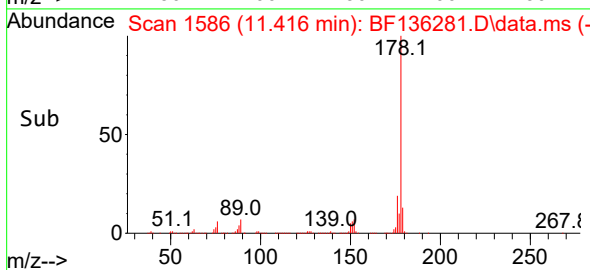
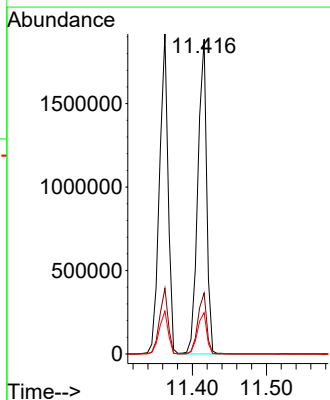
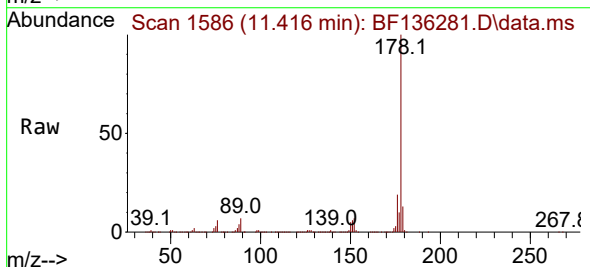
Manual Integrations
APPROVED

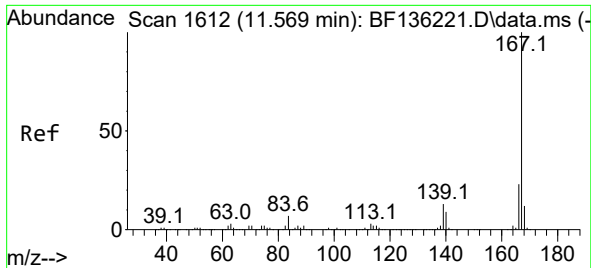
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 41.644 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

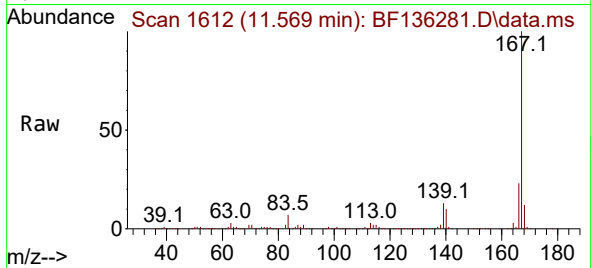
Tgt Ion:178 Resp: 1554449
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 13.1 10.5 15.7





#73
 Carbazole
 Concen: 39.529 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136281.D
 Acq: 29 Nov 2023 13:53

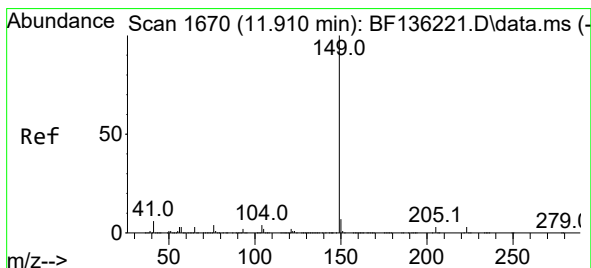
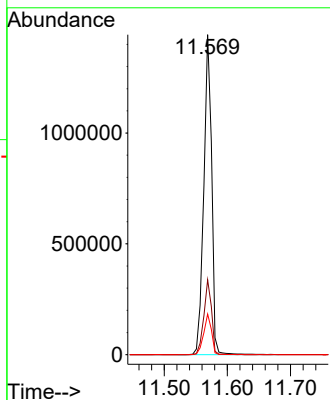
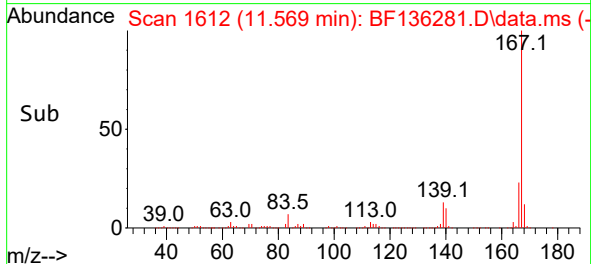
Instrument :
 BNA_F
 ClientSampleId :
 PB157023BSD



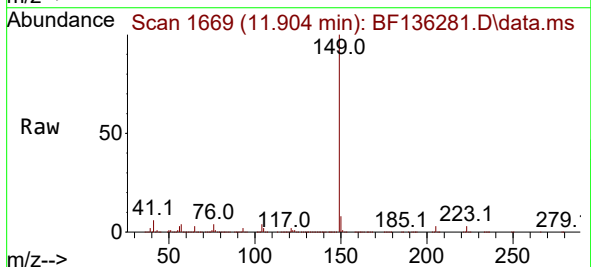
Tgt Ion:167 Resp: 125492
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.4 27.6
 139 12.7 10.5 15.7

Manual Integrations
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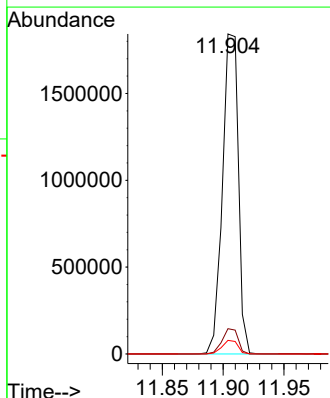
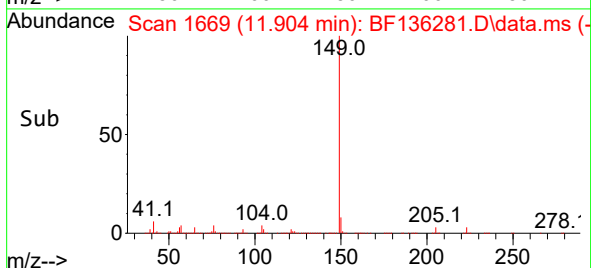
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

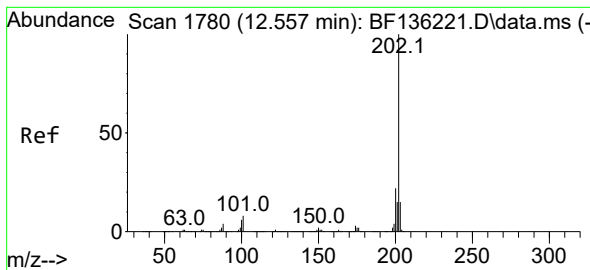


#74
 Di-n-butylphthalate
 Concen: 42.221 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136281.D
 Acq: 29 Nov 2023 13:53



Tgt Ion:149 Resp: 1677121
 Ion Ratio Lower Upper
 149 100
 150 7.9 6.0 9.0
 104 4.2 3.5 5.3





#75

Fluoranthene

Concen: 38.712 ng

RT: 12.557 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

Tgt Ion:202 Resp: 1462800

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.8

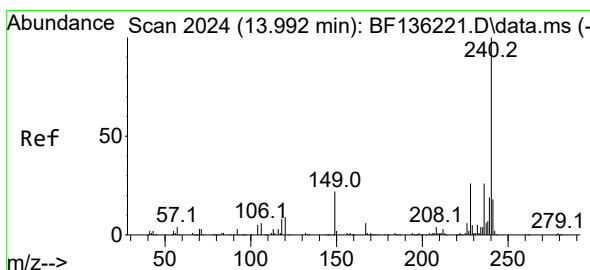
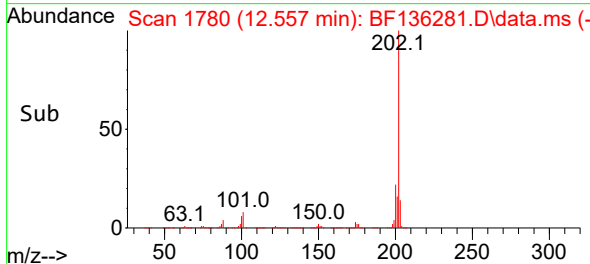
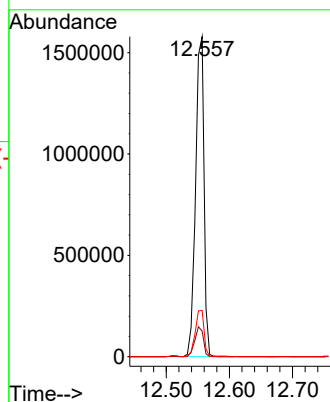
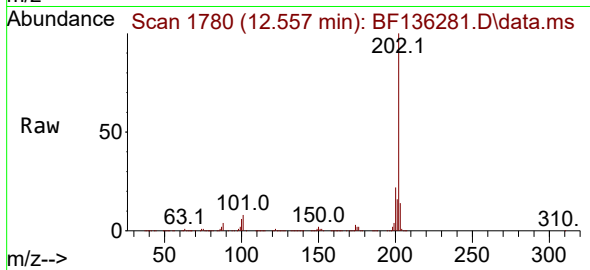
203 14.4 0.0 34.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

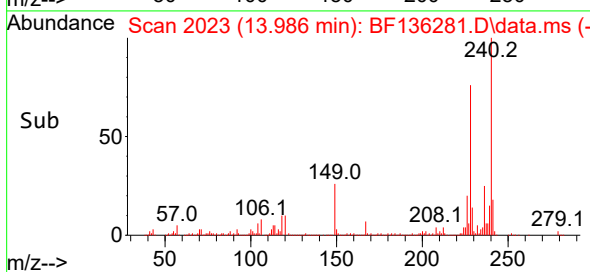
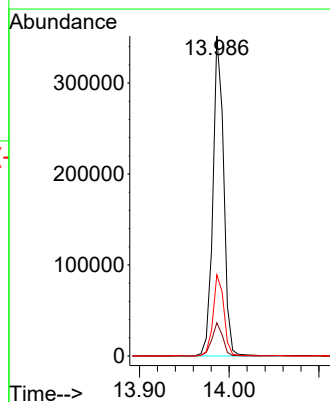
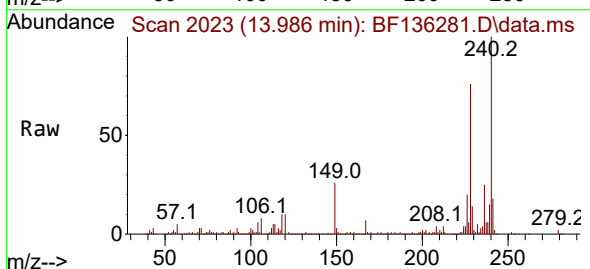
Tgt Ion:240 Resp: 292742

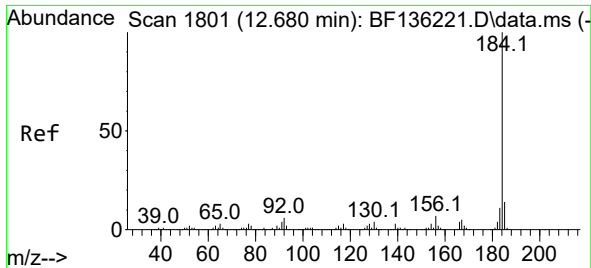
Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.2

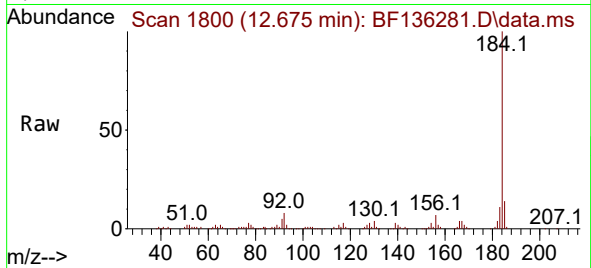
236 25.4 21.1 31.7





#77
Benzidine
Concen: 22.046 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.005 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

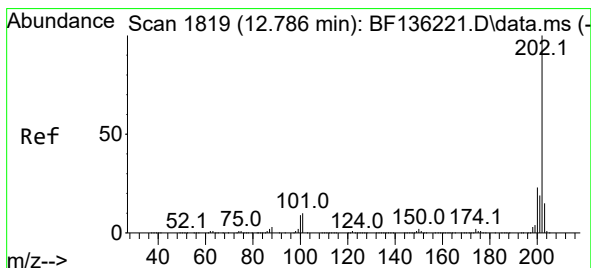
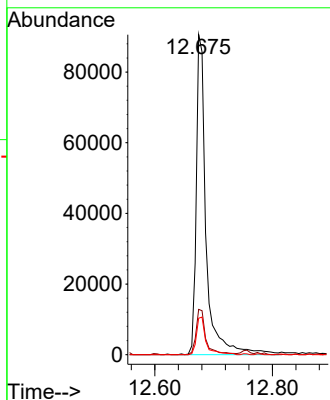
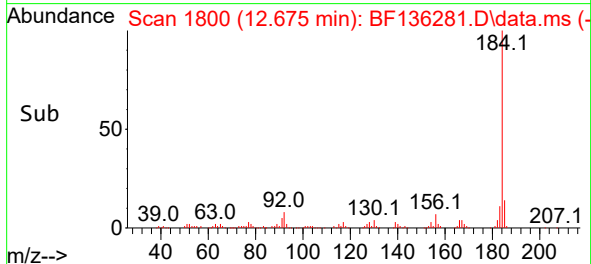
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



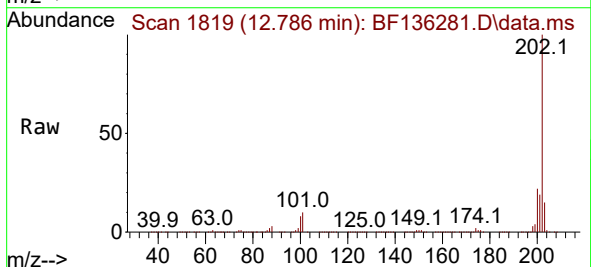
Tgt Ion:184 Resp: 106090
Ion Ratio Lower Upper
184 100
185 14.1 11.0 16.6
183 11.4 9.0 13.4

Manual Integrations
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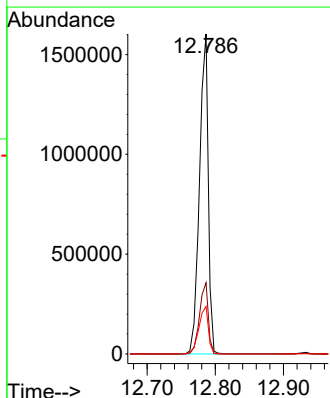
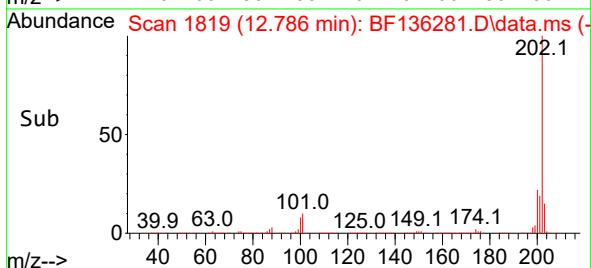
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

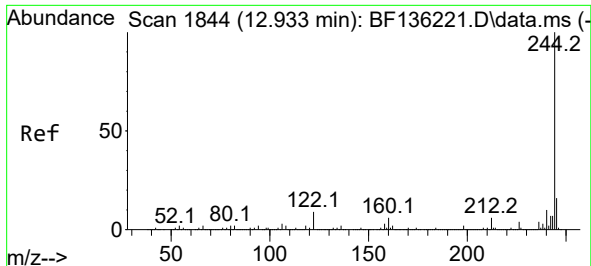


#78
Pyrene
Concen: 44.790 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



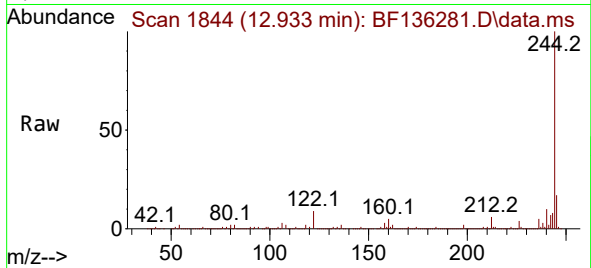
Tgt Ion:202 Resp: 1435978
Ion Ratio Lower Upper
202 100
200 22.2 18.4 27.6
203 14.9 11.8 17.6





#79
 Terphenyl-d14
 Concen: 83.396 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136281.D
 Acq: 29 Nov 2023 13:53

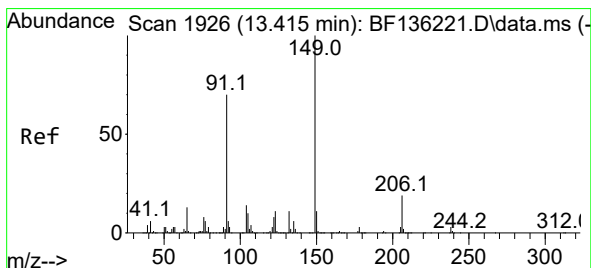
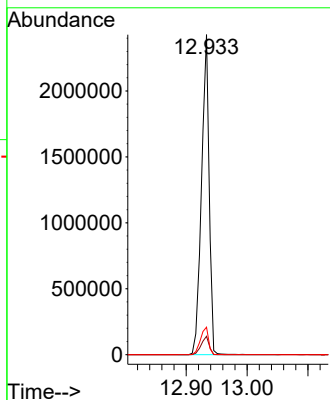
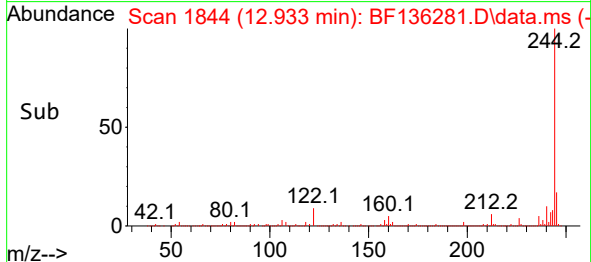
Instrument :
 BNA_F
 ClientSampleId :
 PB157023BSD



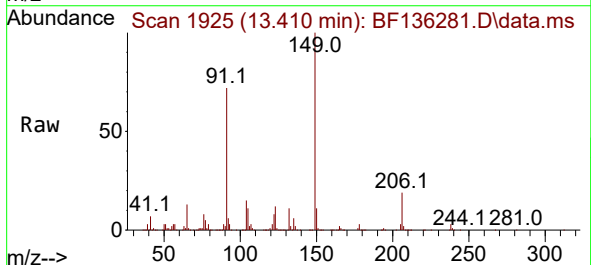
Tgt Ion:244 Resp: 2116492
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 8.6 7.3 10.9

Manual Integrations
 APPROVED

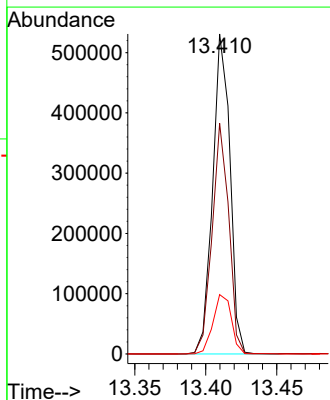
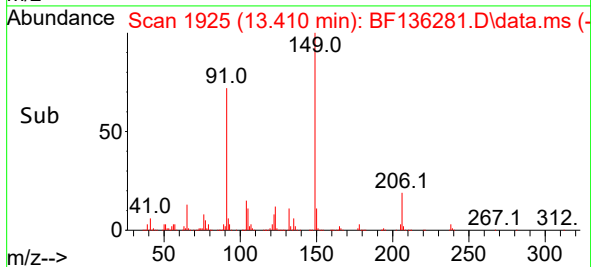
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

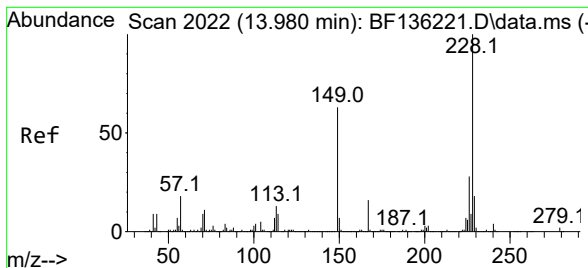


#80
 Butylbenzylphthalate
 Concen: 45.065 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136281.D
 Acq: 29 Nov 2023 13:53



Tgt Ion:149 Resp: 449660
 Ion Ratio Lower Upper
 149 100
 91 72.1 56.4 84.6
 206 18.5 14.8 22.2





#81

Benzo(a)anthracene

Concen: 41.310 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

Tgt Ion:228 Resp: 89823

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

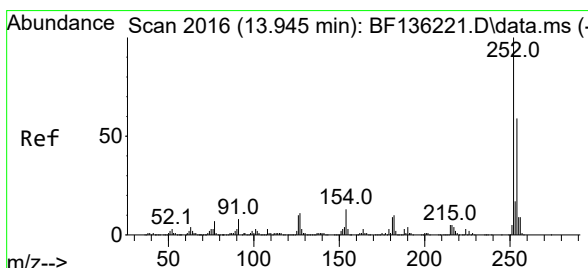
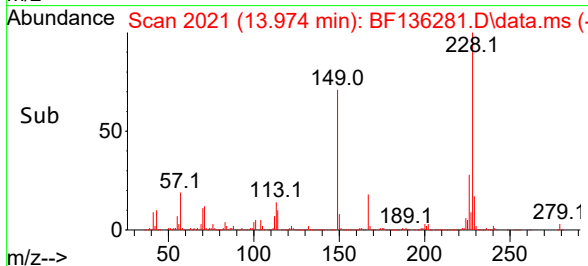
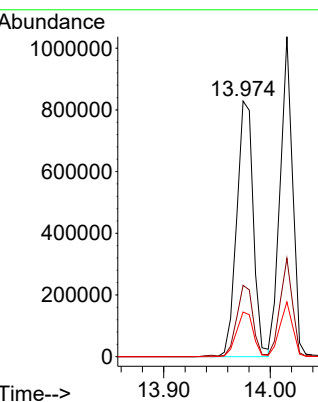
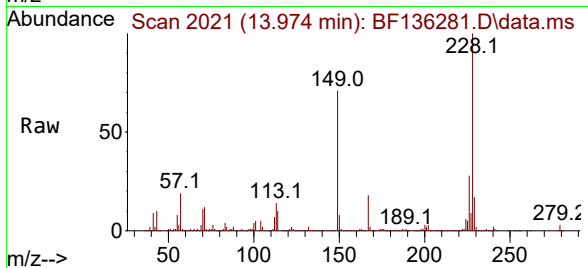
229 17.5 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#82

3,3'-Dichlorobenzidine

Concen: 44.480 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

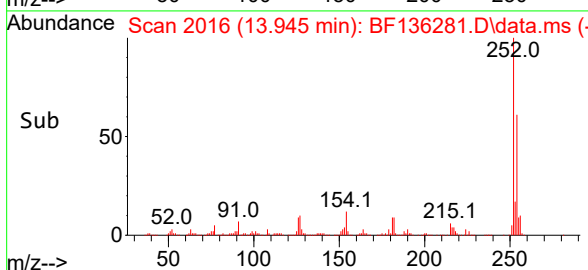
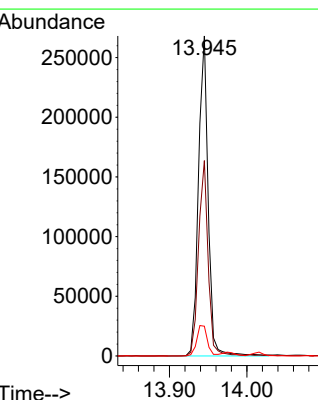
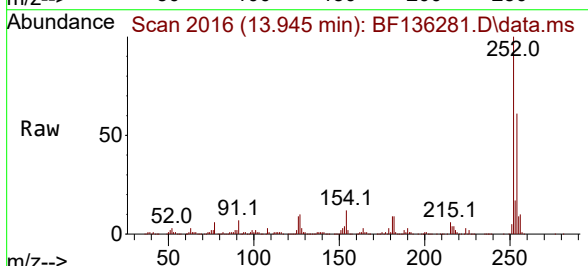
Tgt Ion:252 Resp: 232812

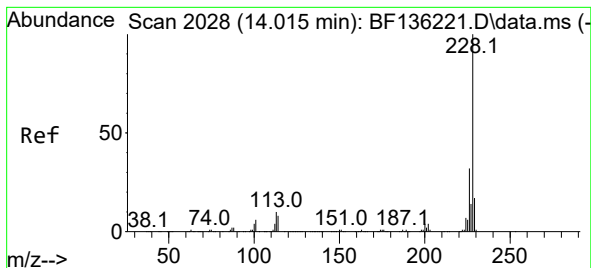
Ion Ratio Lower Upper

252 100

254 61.1 47.4 71.2

126 9.3 8.3 12.5





#83

Chrysene

Concen: 40.278 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

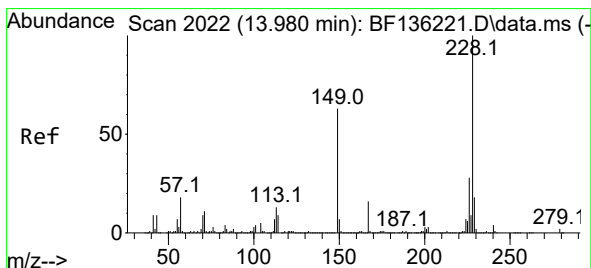
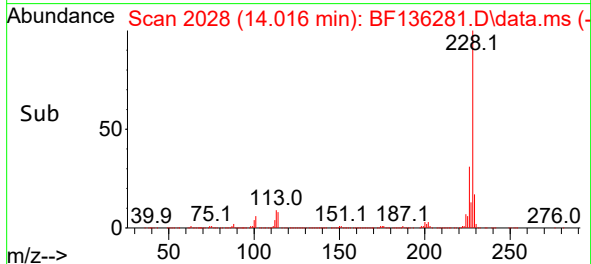
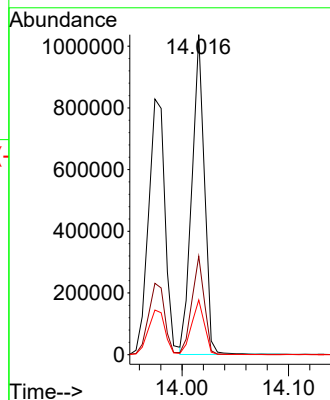
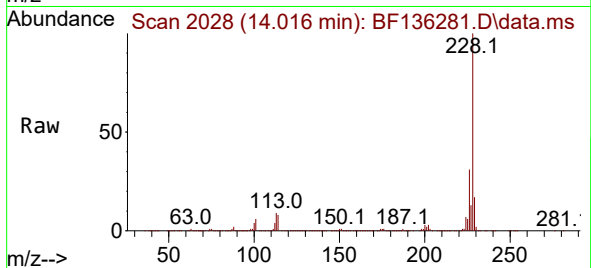
PB157023BSD

Tgt Ion:228 Resp: 845623
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.5 38.3
 229 17.1 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.127 ng

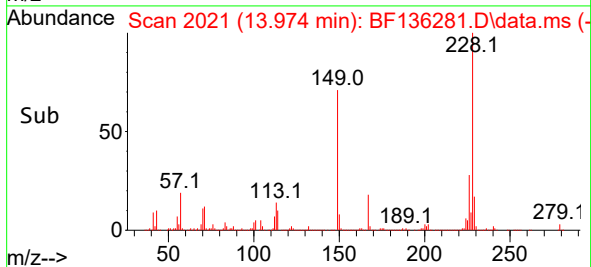
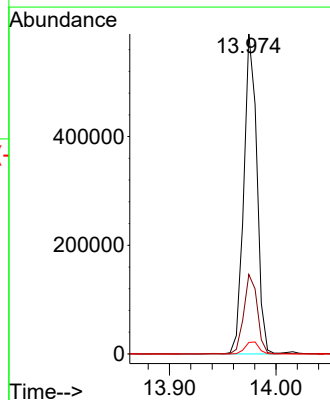
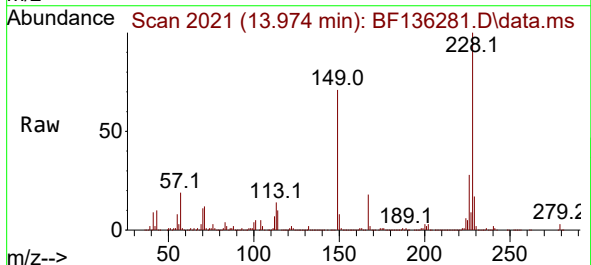
RT: 13.974 min Scan# 2021

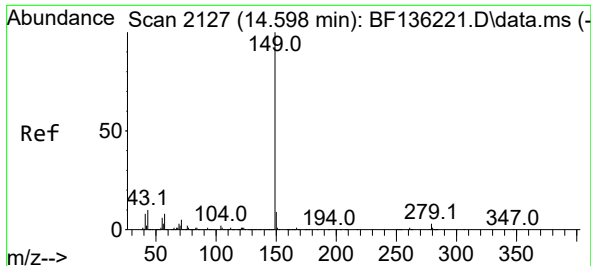
Delta R.T. -0.006 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

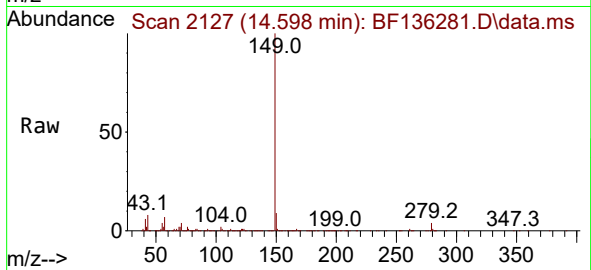
Tgt Ion:149 Resp: 504463
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.2 30.2
 279 3.6 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 42.477 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

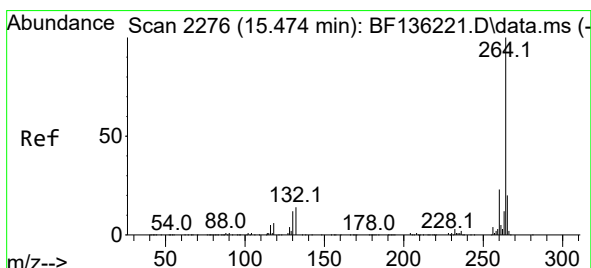
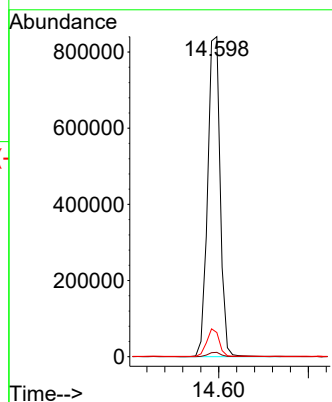
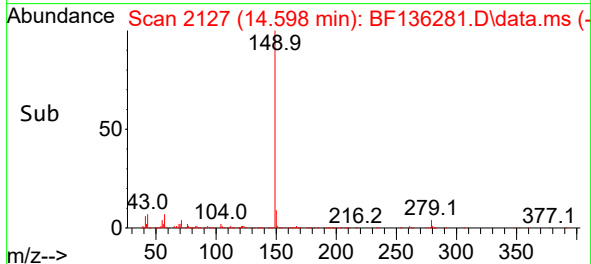
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



Tgt Ion:149 Resp: 813159
Ion Ratio Lower Upper
149 100
167 1.5 1.0 1.6
43 8.5 7.2 10.8

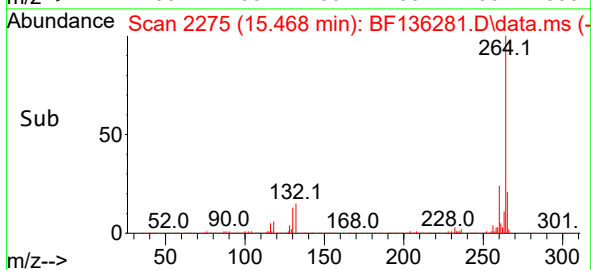
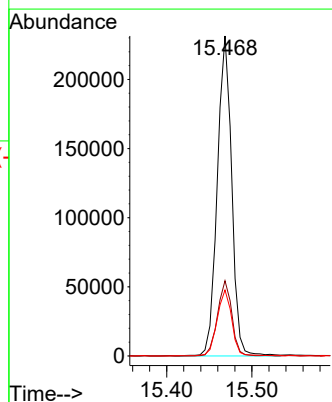
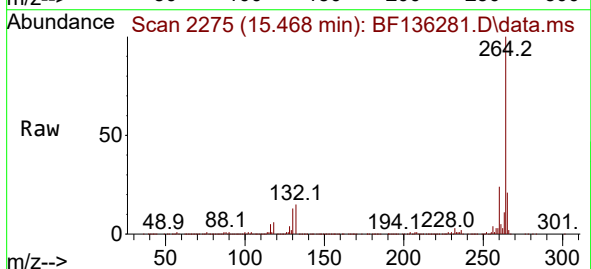
Manual Integrations
APPROVED

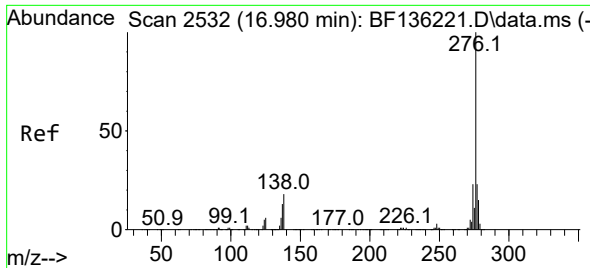
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

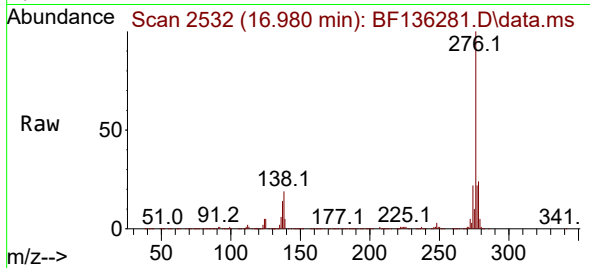
Tgt Ion:264 Resp: 272293
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 20.6 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.458 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

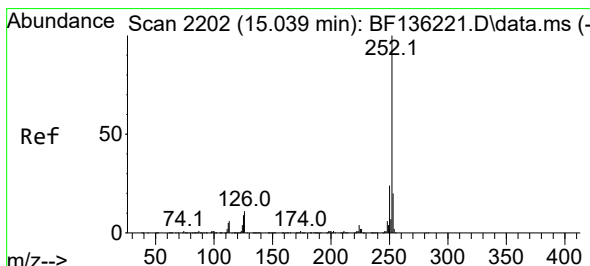
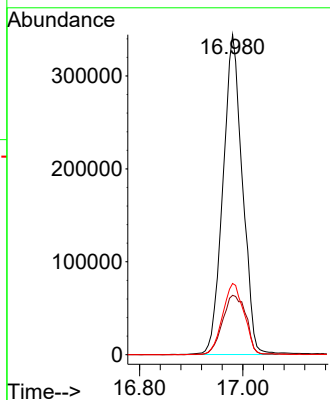
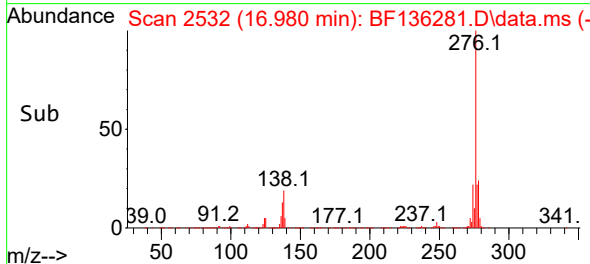
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



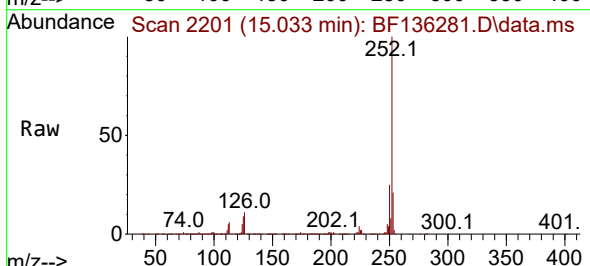
Tgt Ion:276 Resp: 900599
Ion Ratio Lower Upper
276 100
138 22.6 17.7 26.5
277 24.8 19.6 29.4

Manual Integrations
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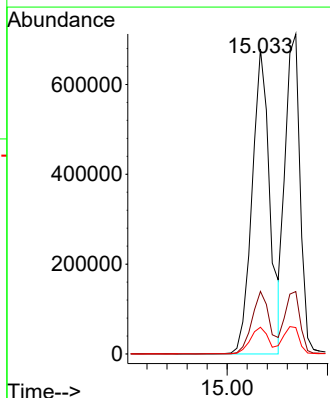
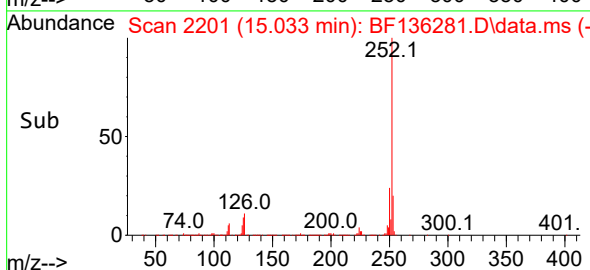
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

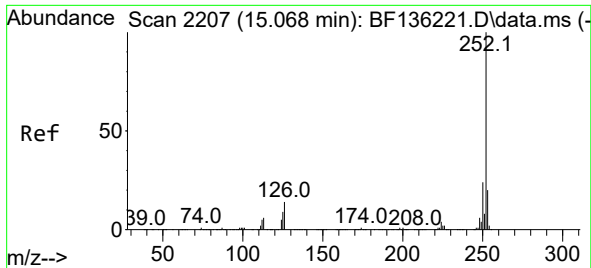


#88
Benzo(b)fluoranthene
Concen: 43.746 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



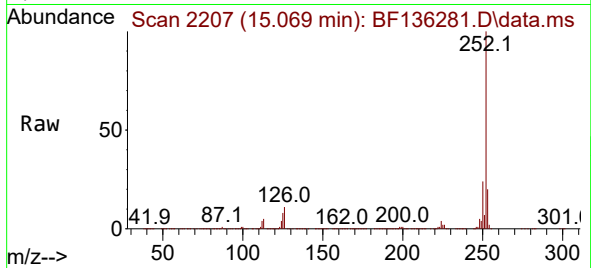
Tgt Ion:252 Resp: 835703
Ion Ratio Lower Upper
252 100
253 20.5 16.2 24.2
125 8.7 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 40.863 ng
RT: 15.069 min Scan# 2207
Delta R.T. 0.001 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

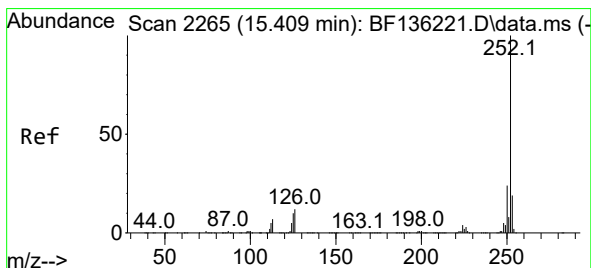
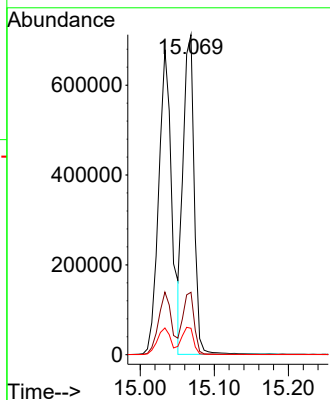
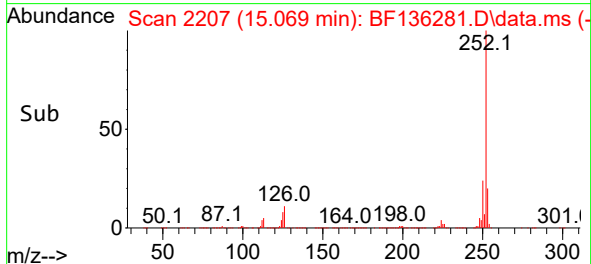
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



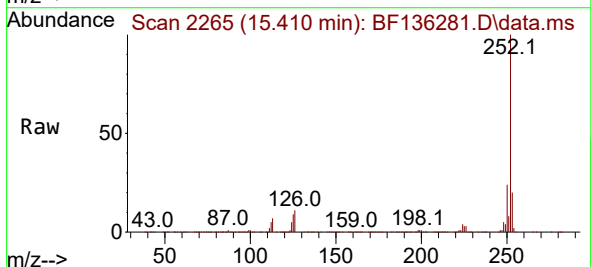
Tgt Ion:252 Resp: 741418
Ion Ratio Lower Upper
252 100
253 19.5 15.6 23.4
125 8.2 7.0 10.4

Manual Integrations
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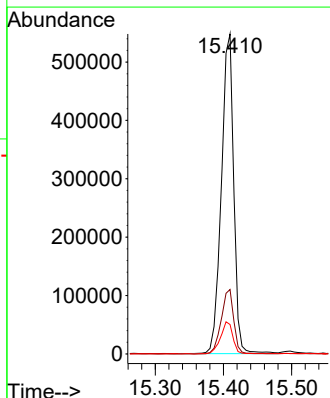
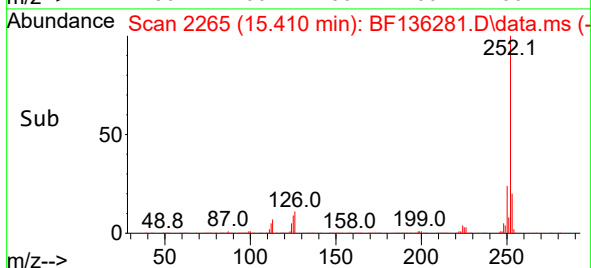
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

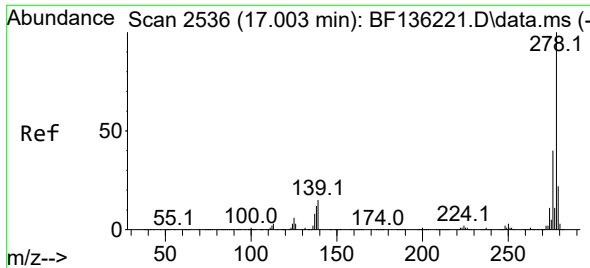


#90
Benzo(a)pyrene
Concen: 44.177 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53



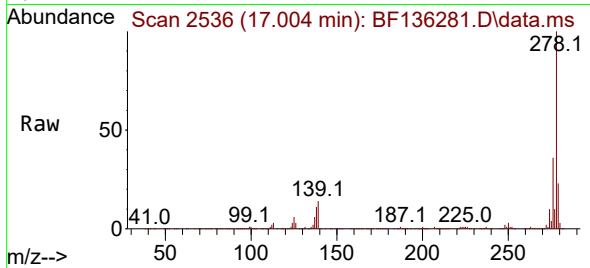
Tgt Ion:252 Resp: 689907
Ion Ratio Lower Upper
252 100
253 20.2 15.5 23.3
125 9.2 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 46.096 ng
RT: 17.004 min Scan# 2536
Delta R.T. 0.001 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

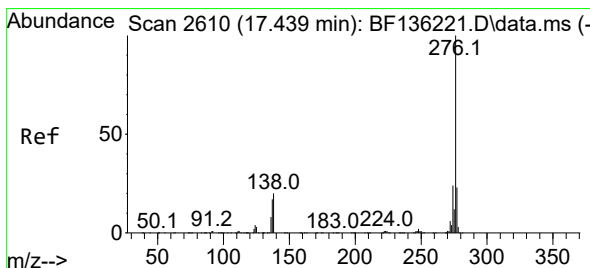
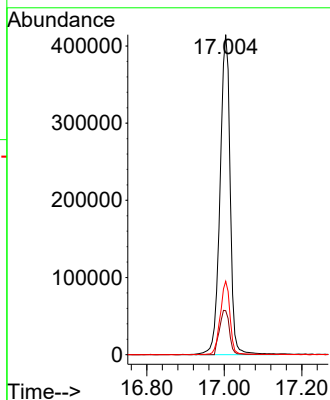
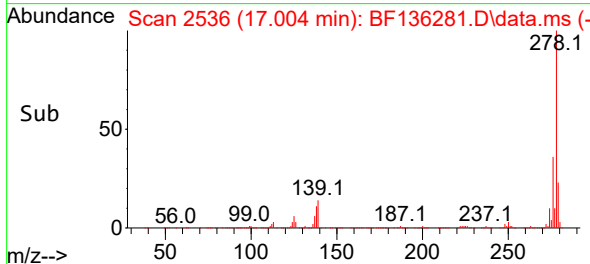
Instrument :
BNA_F
ClientSampleId :
PB157023BSD



Tgt Ion:278 Resp: 751140
Ion Ratio Lower Upper
278 100
139 13.8 11.7 17.5
279 23.0 17.8 26.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#92
Benzo(g,h,i)perylene
Concen: 43.651 ng
RT: 17.439 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:276 Resp: 712585
Ion Ratio Lower Upper
276 100
277 22.0 18.6 27.8
138 19.4 15.8 23.8

