

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140876.D
 Acq On : 17 Dec 2024 11:09
 Operator : RC/JU
 Sample : PB165623BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165623BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 12:20:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	67717	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	275341	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	149585	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	265357	20.000	ng	0.00
76) Chrysene-d12	14.027	240	180221	20.000	ng	0.00
86) Perylene-d12	15.515	264	176281	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	663853	161.381	ng	0.00
7) Phenol-d6	6.498	99	828322	152.029	ng	0.00
23) Nitrobenzene-d5	7.416	82	529226	96.163	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	243982	137.908	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	969862	89.141	ng	0.00
79) Terphenyl-d14	12.957	244	1129021	98.785	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	61664	34.802	ng	99
3) Pyridine	3.475	79	161194	39.283	ng	99
4) n-Nitrosodimethylamine	3.416	42	91663	44.312	ng	98
6) Aniline	6.516	93	232576	49.925	ng	93
8) 2-Chlorophenol	6.645	128	214856	47.896	ng	99
9) Benzaldehyde	6.410	77	65316	21.635	ng	97
10) Phenol	6.516	94	300382	53.194	ng	96
11) bis(2-Chloroethyl)ether	6.587	93	226571	53.801	ng	99
12) 1,3-Dichlorobenzene	6.787	146	237840	46.530	ng	99
13) 1,4-Dichlorobenzene	6.863	146	244303	47.085	ng	99
14) 1,2-Dichlorobenzene	7.016	146	242708	49.578	ng	99
15) Benzyl Alcohol	6.998	79	213975	54.926	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	274560	55.344	ng	90
17) 2-Methylphenol	7.116	107	184502	51.516	ng	98
18) Hexachloroethane	7.351	117	97334	50.391	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	173987	53.236	ng	99
20) 3+4-Methylphenols	7.269	107	251496	52.957	ng	96
22) Acetophenone	7.263	105	335368	48.690	ng	99
24) Nitrobenzene	7.434	77	266173	47.210	ng	98
25) Isophorone	7.669	82	485726	52.675	ng	99
26) 2-Nitrophenol	7.751	139	137086	52.793	ng	97
27) 2,4-Dimethylphenol	7.787	122	195115	64.341	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	263696	45.786	ng	98
29) 2,4-Dichlorophenol	7.998	162	198401	47.388	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	214292	44.649	ng	99
31) Naphthalene	8.151	128	697595	46.123	ng	100
32) Benzoic acid	7.939	122	113833	39.579	ng	99
33) 4-Chloroaniline	8.204	127	137010	27.275	ng	99
34) Hexachlorobutadiene	8.263	225	142248	44.052	ng	100
35) Caprolactam	8.581	113	64940m	52.101	ng	
36) 4-Chloro-3-methylphenol	8.698	107	229067	48.611	ng	98
37) 2-Methylnaphthalene	8.839	142	472718	47.248	ng	99
38) 1-Methylnaphthalene	8.939	142	426288	43.082	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	234659	51.038	ng	99
41) Hexachlorocyclopentadiene	8.986	237	117174	74.460	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	139213	49.449	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	133534	43.154	ng	99
46) 1,1'-Biphenyl	9.304	154	557673	46.884	ng	100
47) 2-Chloronaphthalene	9.333	162	409267	44.976	ng	99
48) 2-Nitroaniline	9.433	65	135746	49.394	ng	99
49) Acenaphthylene	9.745	152	690760	51.655	ng	100
50) Dimethylphthalate	9.604	163	524662	49.749	ng	100
51) 2,6-Dinitrotoluene	9.675	165	113547	47.097	ng	99
52) Acenaphthene	9.916	154	414491	48.523	ng	100
53) 3-Nitroaniline	9.851	138	79843	33.371	ng	100
54) 2,4-Dinitrophenol	9.969	184	91056	77.618	ng	98
55) Dibenzofuran	10.092	168	617331	46.638	ng	100
56) 4-Nitrophenol	10.033	139	113631	87.832	ng	92
57) 2,4-Dinitrotoluene	10.086	165	149534	47.140	ng	99
58) Fluorene	10.433	166	508250	46.543	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	127160	50.431	ng	99
60) Diethylphthalate	10.304	149	530308	48.492	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	252935	46.111	ng	99
62) 4-Nitroaniline	10.469	138	116195	46.474	ng	98
63) Azobenzene	10.580	77	489614	47.623	ng	100
65) 4,6-Dinitro-2-methylph...	10.498	198	77656	51.645	ng	95
66) n-Nitrosodiphenylamine	10.545	169	442044	54.182	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	154067	51.899	ng	99
68) Hexachlorobenzene	10.986	284	173007	51.402	ng	99
69) Atrazine	11.075	200	139403	61.180	ng	99
70) Pentachlorophenol	11.186	266	113205	91.995	ng	99
71) Phenanthrene	11.398	178	674680	49.442	ng	99
72) Anthracene	11.451	178	695759	51.774	ng	99
73) Carbazole	11.610	167	636670	48.369	ng	99
74) Di-n-butylphthalate	11.927	149	822141	53.220	ng	100
75) Fluoranthene	12.592	202	727283	46.279	ng	99
77) Benzidine	12.716	184	235960	64.150	ng	99
78) Pyrene	12.822	202	773155	48.243	ng	99
80) Butylbenzylphthalate	13.427	149	330850	56.106	ng	100
81) Benzo(a)anthracene	14.016	228	648975	50.809	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	133796	34.719	ng	99
83) Chrysene	14.051	228	587305	50.565	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	422311	55.541	ng	100
85) Di-n-octyl phthalate	14.610	149	684204	59.478	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	581794	52.887	ng	100
88) Benzo(b)fluoranthene	15.080	252	647956	52.953	ng	100
89) Benzo(k)fluoranthene	15.110	252	517848	49.335	ng	99
90) Benzo(a)pyrene	15.451	252	505583	52.766	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	479834	52.651	ng	99
92) Benzo(g,h,i)perylene	17.474	276	442370	47.693	ng	99

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

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

Abundance

TIC: BF140876.D\data.ms

Time-->

2700000

2600000

2500000

2400000

2300000

2200000

2100000

2000000

1900000

1800000

1700000

1600000

1500000

1400000

1300000

1200000

1100000

1000000

900000

800000

700000

600000

500000

400000

300000

200000

100000

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3.00

4.00

5.00

6.00

7.00

8.00

9.00

10.00

11.00

12.00

13.00

14.00

15.00

16.00

17.00

18.00

1,4-Dioxane

N,N-Dimethylethylenediamine

Benzaldehyde

2-Fluorophenol, S

Phenol-d6, S

Phenol, C

1,2-Dichlorobenzene

2-Methylphenol, S

3,4-Methylenedioxypropylamine, P

Nitrobenzene-d5, S

Nitrobenzene

Hexachlorobutadiene

2-Nitrophenol, C

Isopropylphenol

Benzic acid

2-Chlorophenol

1,2-Dichlorobenzene

4-Chlorophenol

Hexachlorobutadiene, C

Caprolactam

4-Chloro-3-methylphenol, C

Hexachlorocyclopentadiene

2,4,5-Trichlorophenol

2-Chlorophthalic anhydride

2-Nitroaniline

2,6-Dimethylphthalate

3-Nitrophenol, C

4-Nitrophenol, P

2,3,4,6-Tetrachlorophenol

Diethylphthalate

Azobenzene

4-Bromophenyl ether

Hexachlorocyclopentadiene

Alazine

Pentachlorophenol, C

Phenanthrene-d10

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Terphenyl-d14-S

Butylbenzylphthalate

Chrysene-d12

2,3,5-Trichlorophthalic anhydride

Di-n-octyl phthalate, c

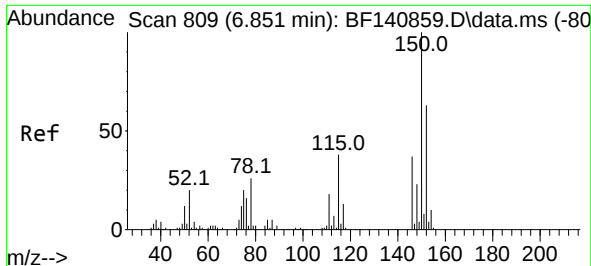
Benzo(a)pyrene

Benzo(a)pyrene, C

Perylene-d12, I

Benzo(g,h,i)perylene

Dibenz(a,h)anthracene



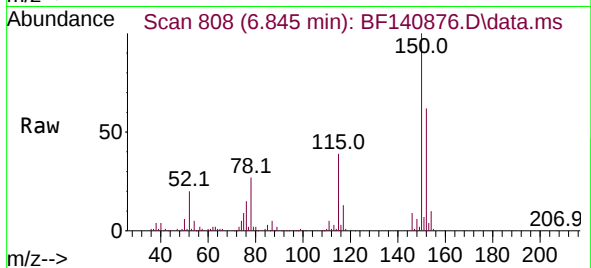
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

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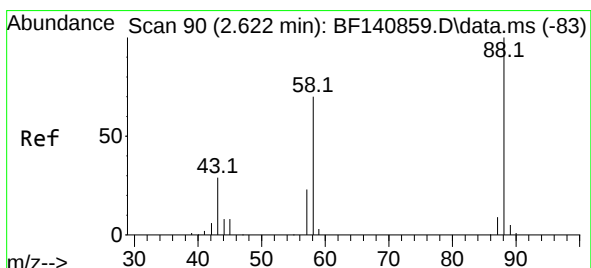
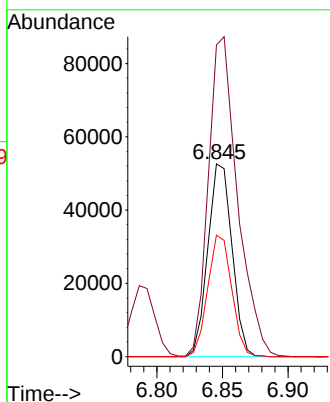
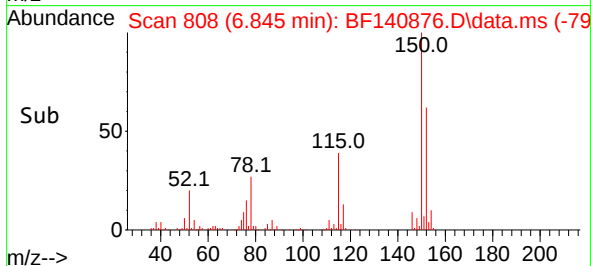
Tgt Ion:152 Resp: 6771
Ion Ratio Lower Upper
152 100
150 161.6 127.9 191.9
115 62.9 48.0 72.0

Manual Integrations

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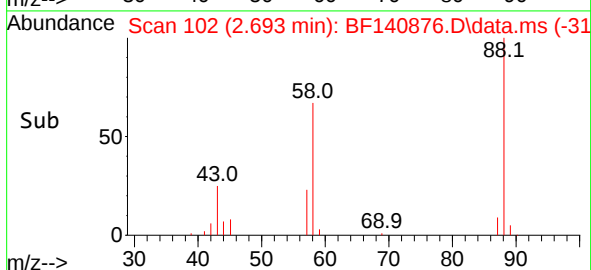
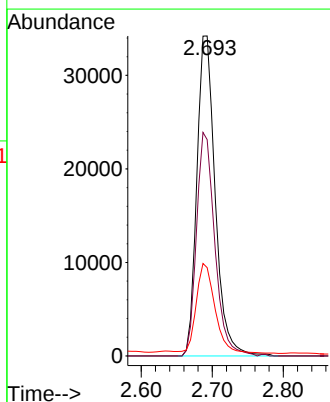
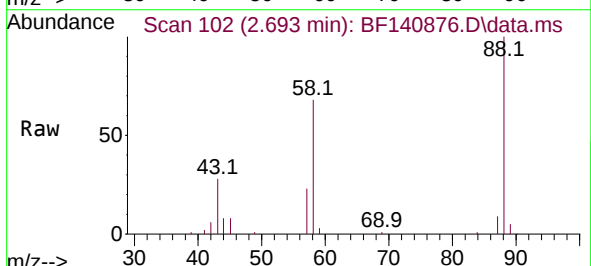
Reviewed By :Yogesh Patel 12/18/2024

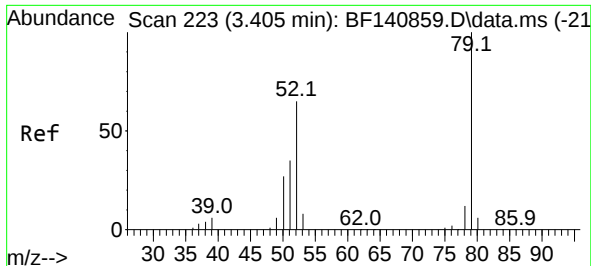
Supervised By :mohammad ahmed 12/18/2024



#2
1,4-Dioxane
Concen: 34.802 ng
RT: 2.693 min Scan# 102
Delta R.T. 0.070 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion: 88 Resp: 61664
Ion Ratio Lower Upper
88 100
58 69.6 55.8 83.8
43 29.0 22.7 34.1





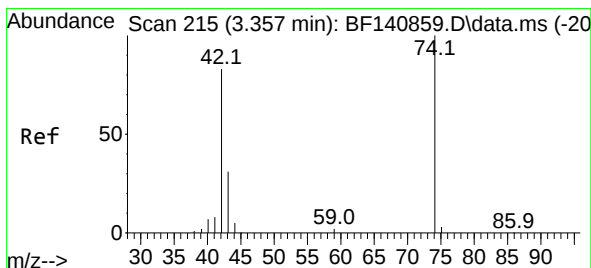
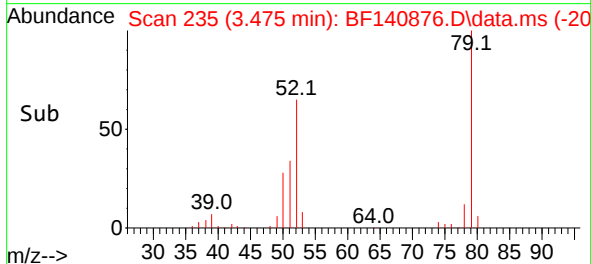
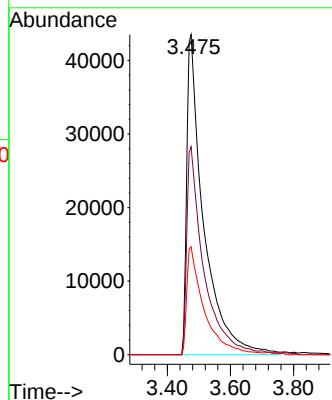
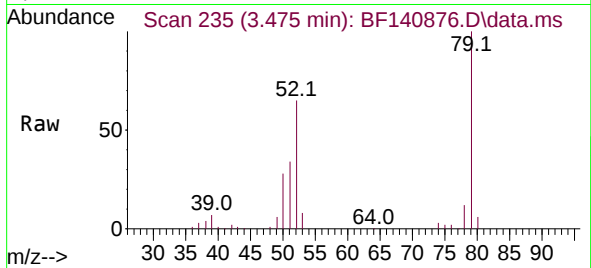
#3
Pyridine
Concen: 39.283 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB165623BS

Tgt Ion: 79 Resp: 161194
Ion Ratio Lower Upper
79 100
52 65.0 51.7 77.5
51 33.7 28.2 42.4

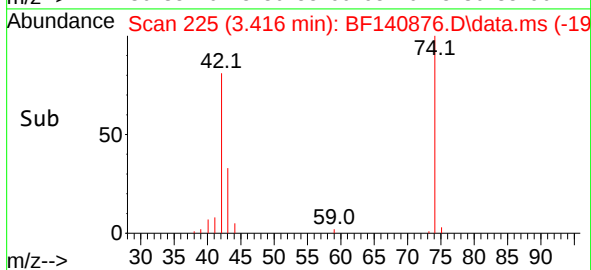
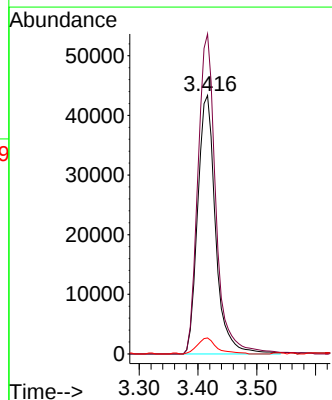
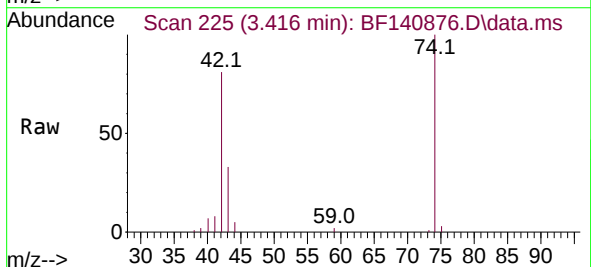
Manual Integrations
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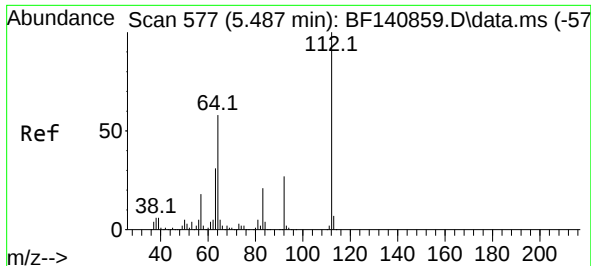
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#4
n-Nitrosodimethylamine
Concen: 44.312 ng
RT: 3.416 min Scan# 225
Delta R.T. 0.059 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion: 42 Resp: 91663
Ion Ratio Lower Upper
42 100
74 123.8 96.9 145.3
44 6.2 4.4 6.6





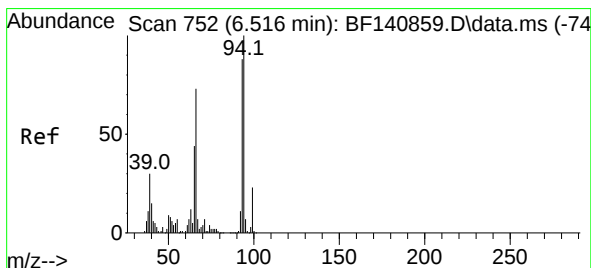
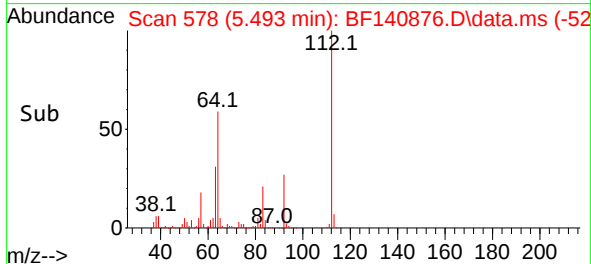
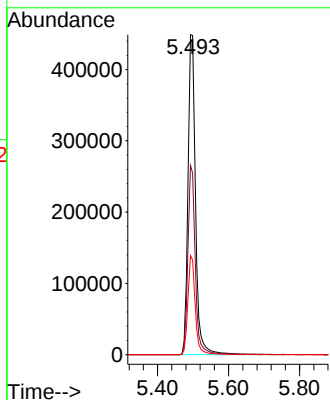
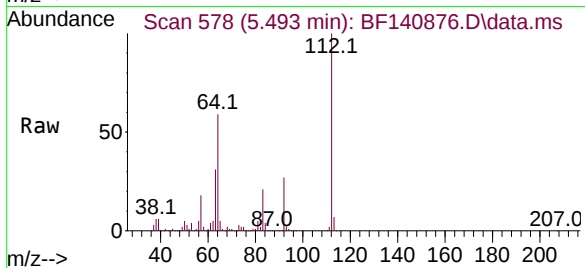
#5
2-Fluorophenol
Concen: 161.381 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB165623BS

Tgt Ion:112 Resp: 66385
Ion Ratio Lower Upper
112 100
64 59.1 46.1 69.1
63 31.0 24.9 37.3

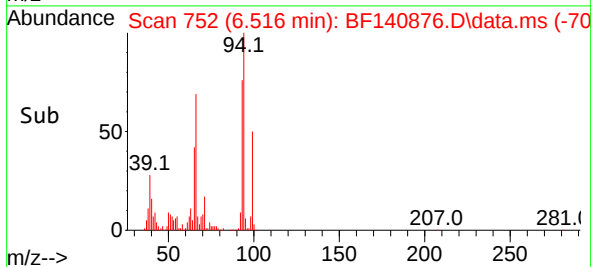
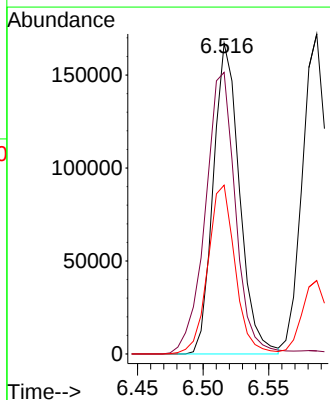
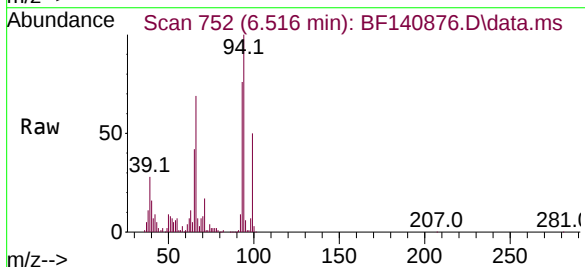
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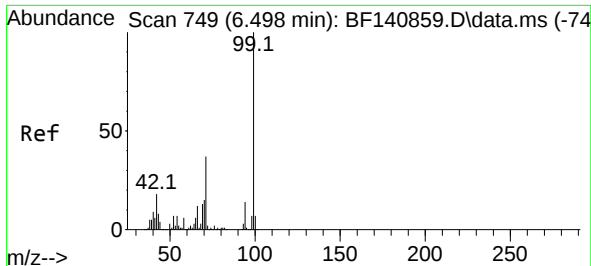
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#6
Aniline
Concen: 49.925 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

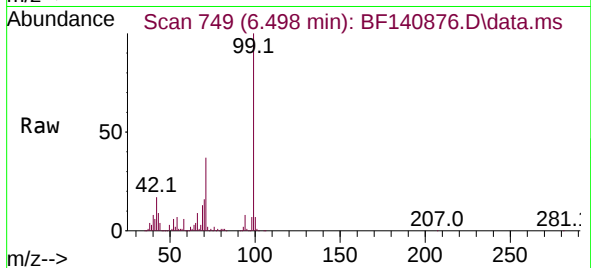
Tgt Ion: 93 Resp: 232576
Ion Ratio Lower Upper
93 100
66 90.7 67.0 100.4
65 54.3 40.4 60.6





#7
Phenol-d6
Concen: 152.029 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

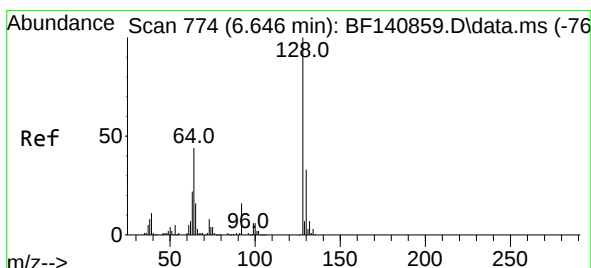
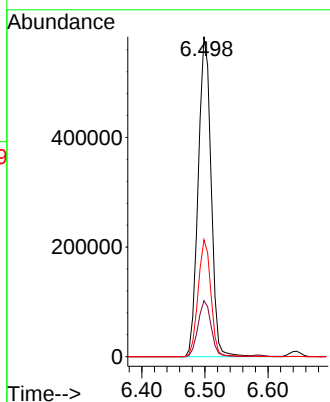
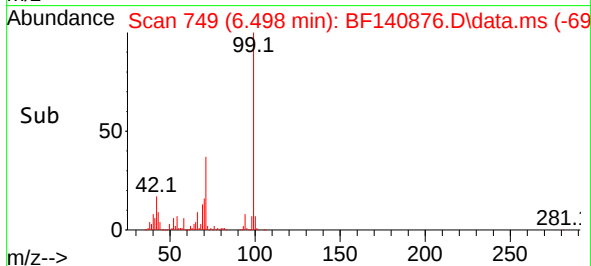
Instrument :
BNA_F
ClientSampleId :
PB165623BS



Tgt Ion: 99 Resp: 82832
Ion Ratio Lower Upper
99 100
42 17.5 14.3 21.5
71 36.6 29.9 44.9

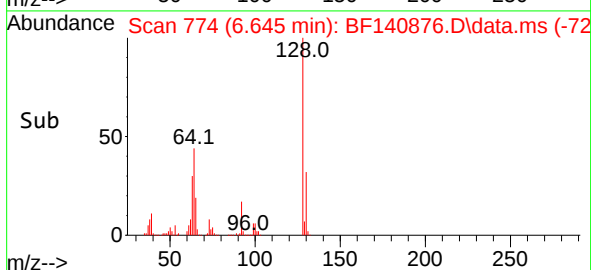
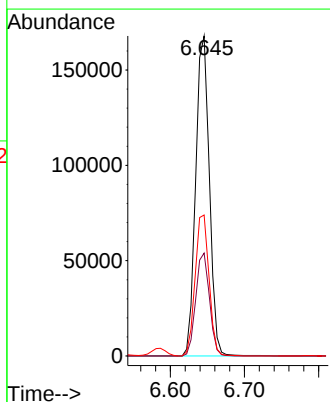
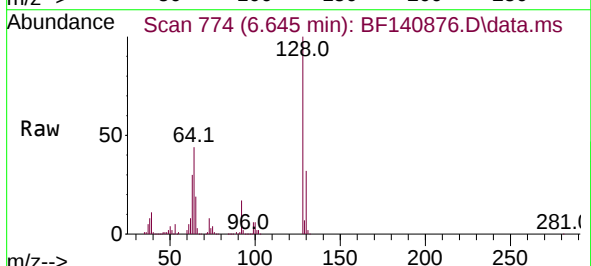
Manual Integrations
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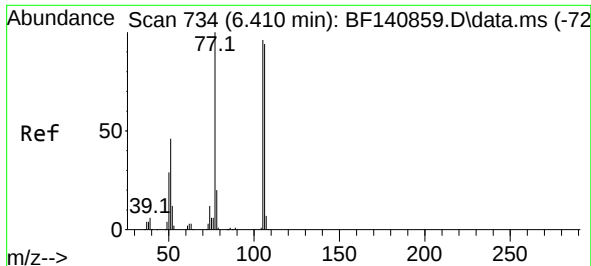
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#8
2-Chlorophenol
Concen: 47.896 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

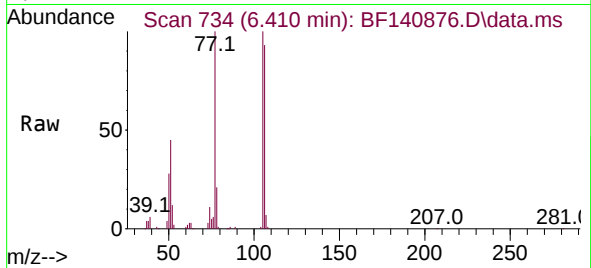
Tgt Ion:128 Resp: 214856
Ion Ratio Lower Upper
128 100
130 32.2 12.9 52.9
64 44.0 24.3 64.3





#9
Benzaldehyde
Concen: 21.635 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

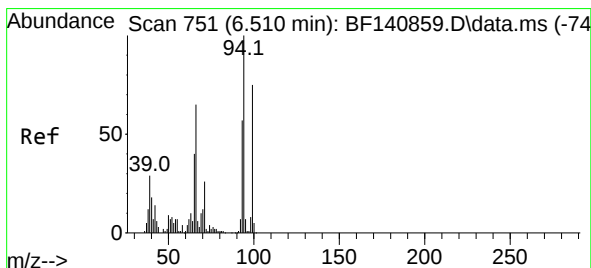
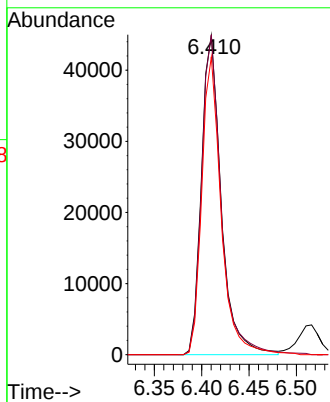
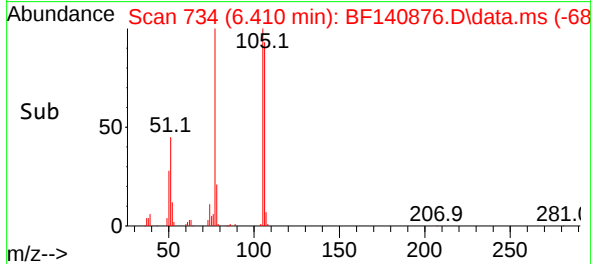
Instrument :
BNA_F
ClientSampleId :
PB165623BS



Tgt Ion: 77 Resp: 65310
Ion Ratio Lower Upper
77 100
105 100.3 75.8 115.8
106 93.3 74.1 114.1

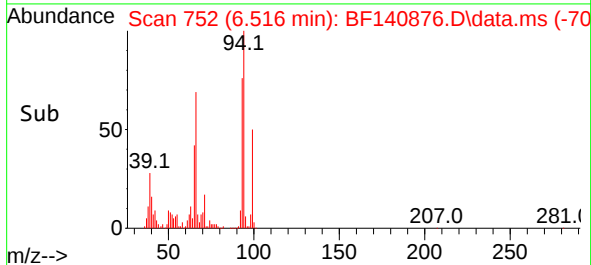
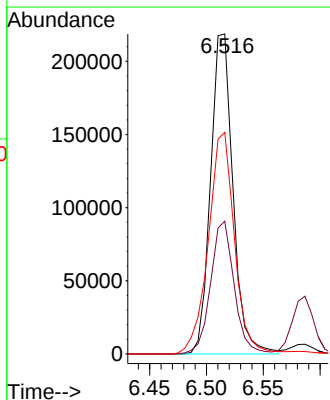
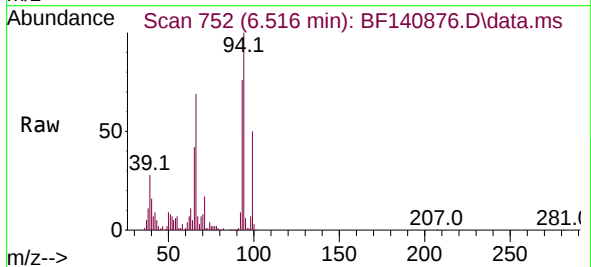
Manual Integrations
APPROVED

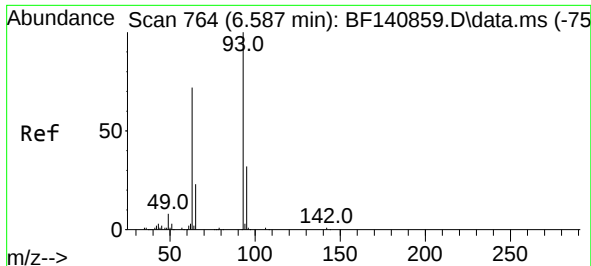
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#10
Phenol
Concen: 53.194 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

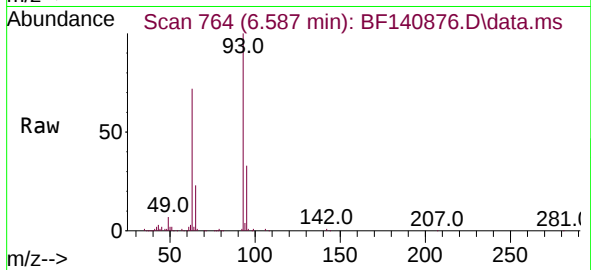
Tgt Ion: 94 Resp: 300382
Ion Ratio Lower Upper
94 100
65 41.5 19.9 59.9
66 69.3 45.6 85.6





#11
bis(2-Chloroethyl)ether
Concen: 53.801 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

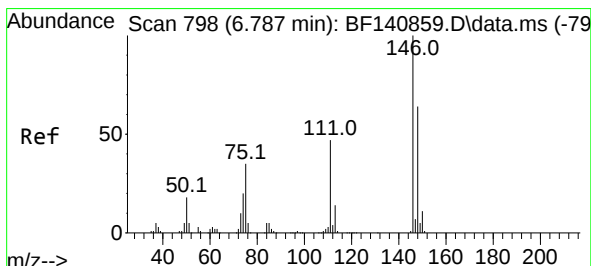
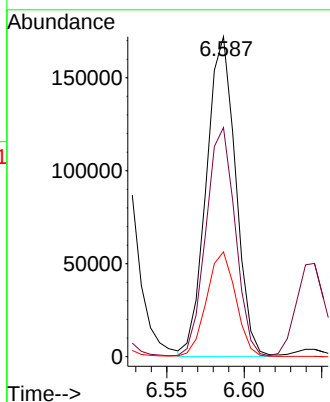
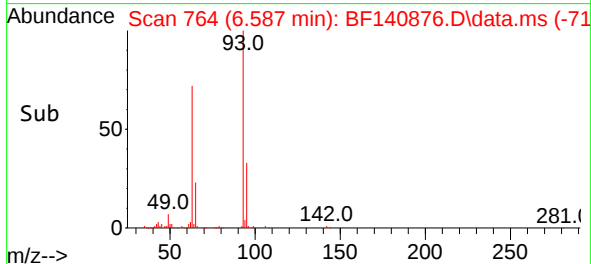
Instrument :
BNA_F
ClientSampleId :
PB165623BS



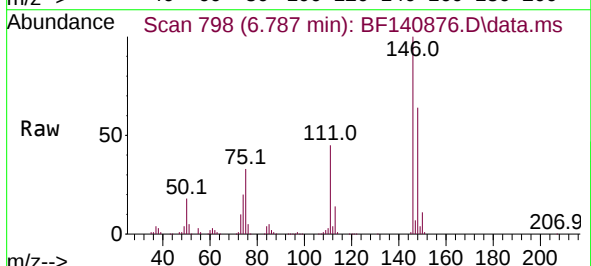
Tgt Ion: 93 Resp: 22657
Ion Ratio Lower Upper
93 100
63 71.6 51.0 91.0
95 32.8 12.0 52.0

Manual Integrations
APPROVED

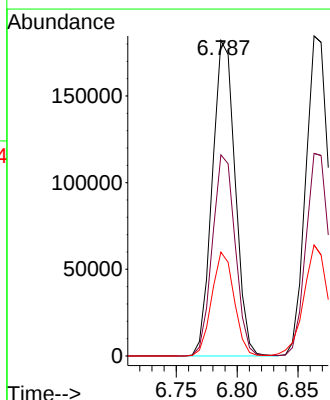
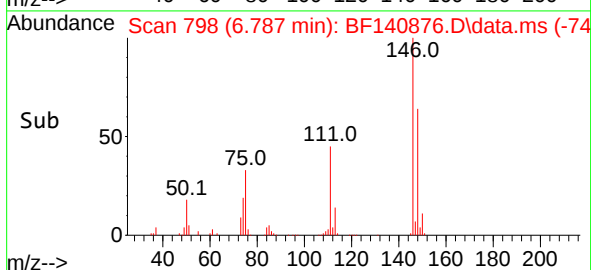
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

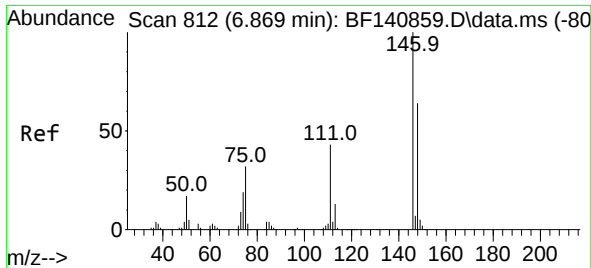


#12
1,3-Dichlorobenzene
Concen: 46.530 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



Tgt Ion:146 Resp: 237840
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
75 32.9 28.1 42.1





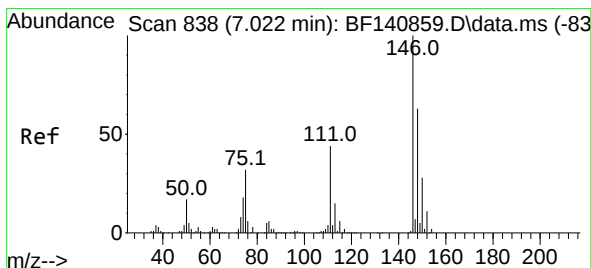
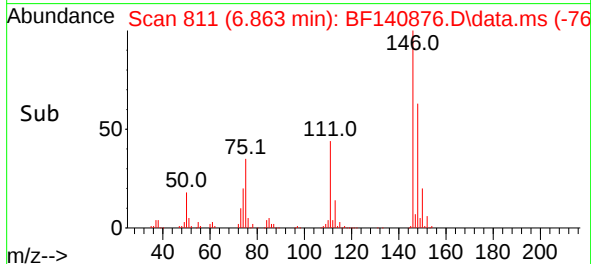
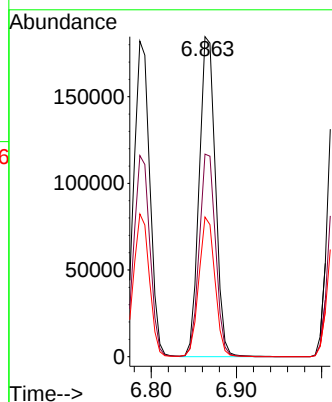
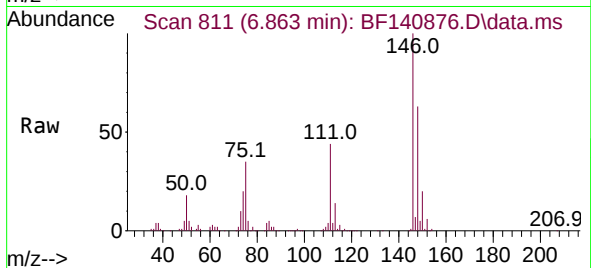
#13
1,4-Dichlorobenzene
Concen: 47.085 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB165623BS

Tgt Ion:146 Resp: 24430
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
111 43.7 34.4 51.6

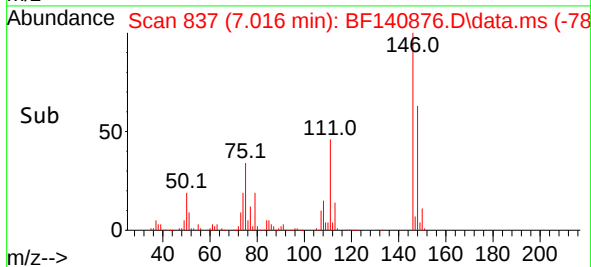
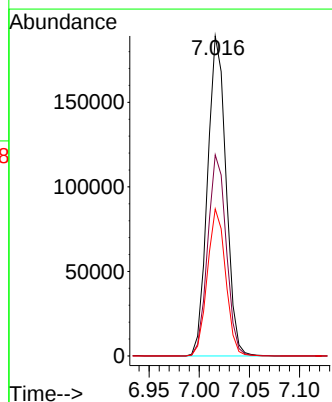
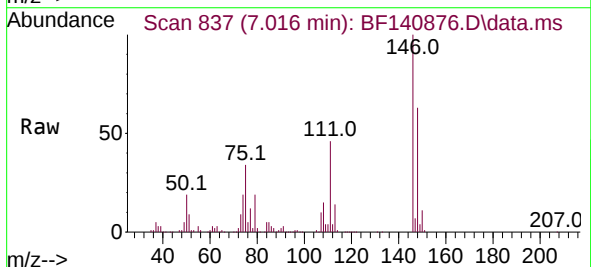
Manual Integrations
APPROVED

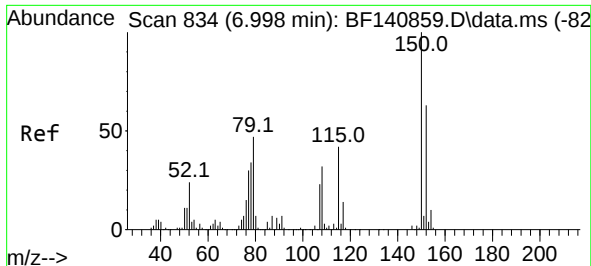
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#14
1,2-Dichlorobenzene
Concen: 49.578 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

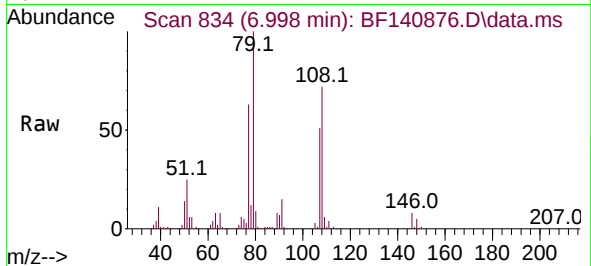
Tgt Ion:146 Resp: 242708
Ion Ratio Lower Upper
146 100
148 62.9 50.0 75.0
111 46.0 35.6 53.4





#15
Benzyl Alcohol
Concen: 54.926 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

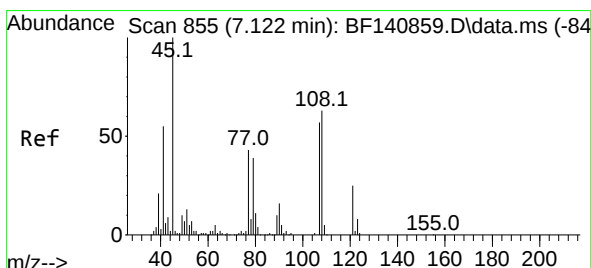
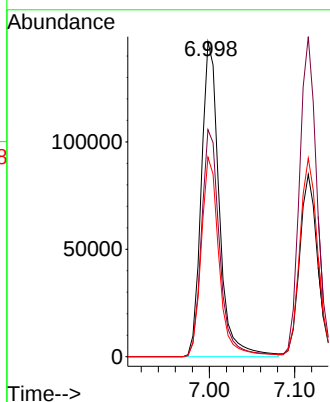
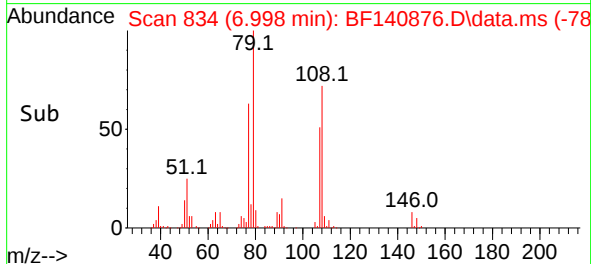
Instrument :
BNA_F
ClientSampleId :
PB165623BS



Tgt Ion: 79 Resp: 21397
Ion Ratio Lower Upper
79 100
108 72.1 55.1 82.7
77 63.4 50.6 76.0

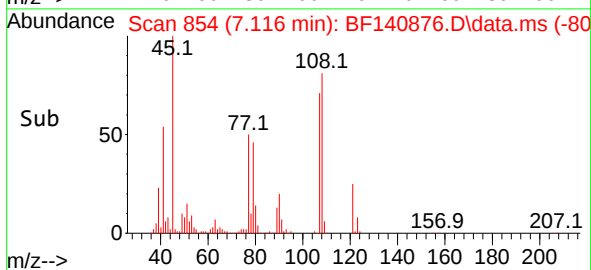
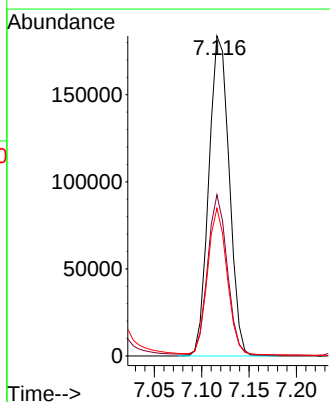
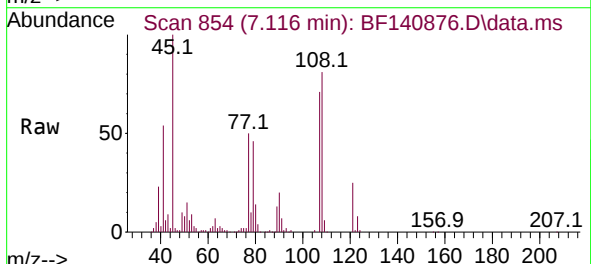
Manual Integrations
APPROVED

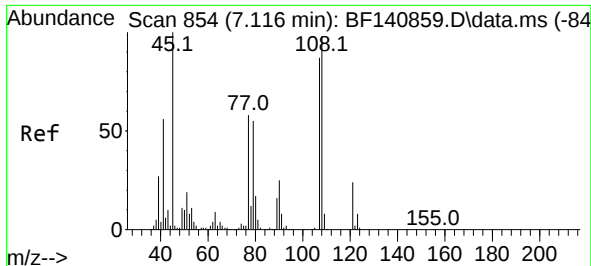
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.344 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion: 45 Resp: 274560
Ion Ratio Lower Upper
45 100
77 50.3 23.3 63.3
79 46.2 20.0 60.0





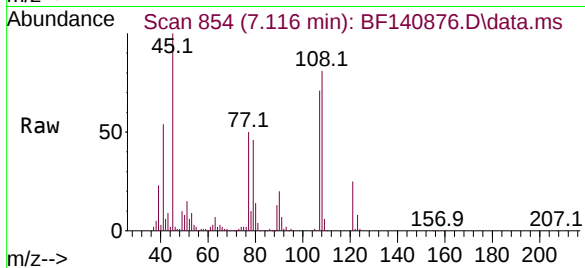
#17
2-Methylphenol
Concen: 51.516 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

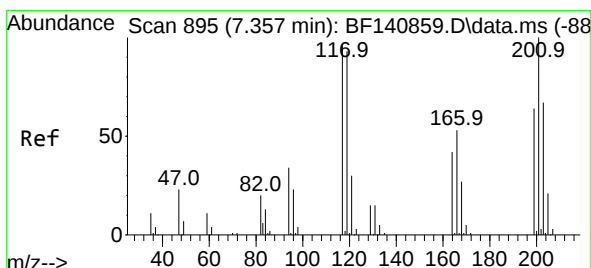
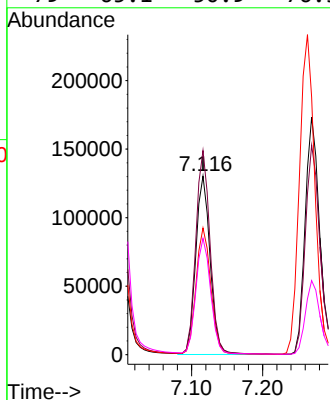
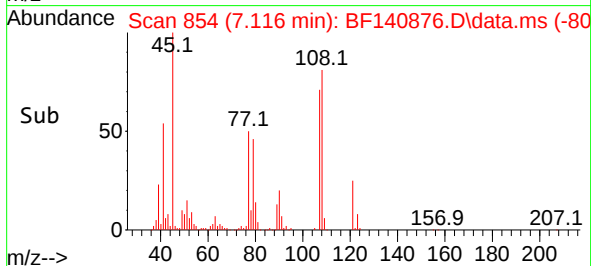


Tgt Ion:107 Resp: 184502
Ion Ratio Lower Upper
107 100
108 114.3 90.2 135.4
77 71.0 53.8 80.6
79 65.1 50.9 76.3

Manual Integrations

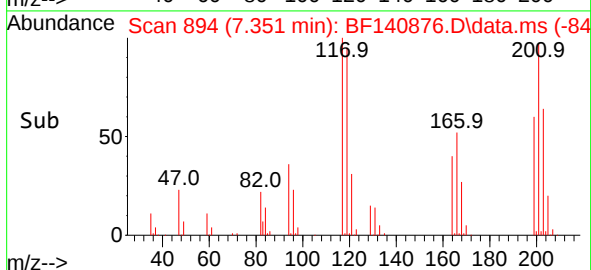
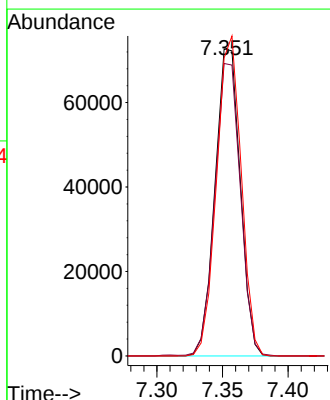
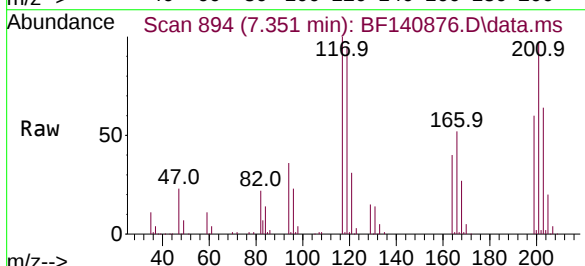
APPROVED

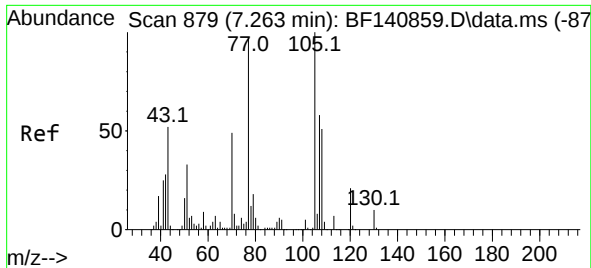
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#18
Hexachloroethane
Concen: 50.391 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:117 Resp: 97334
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.0
201 97.1 83.4 125.0





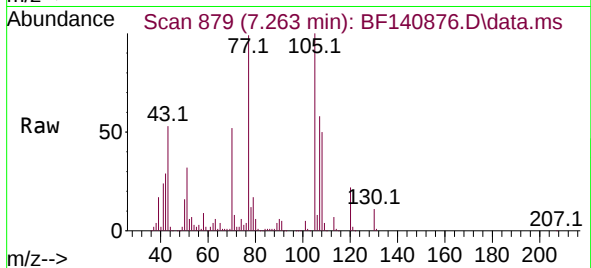
#19
n-Nitroso-di-n-propylamine
Concen: 53.236 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS



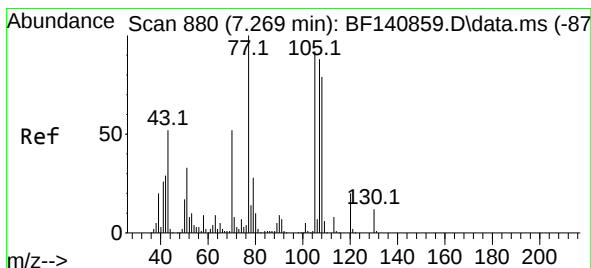
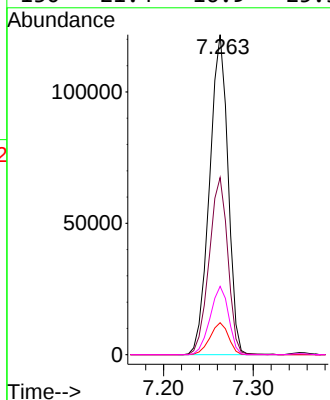
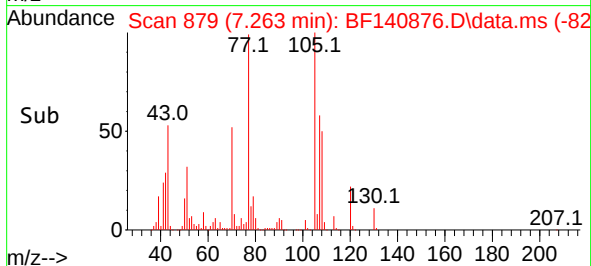
Tgt Ion: 70 Resp: 17398
Ion Ratio Lower Upper
70 100
42 55.4 45.3 67.9
101 10.0 8.0 12.0
130 21.4 16.9 25.3

Manual Integrations

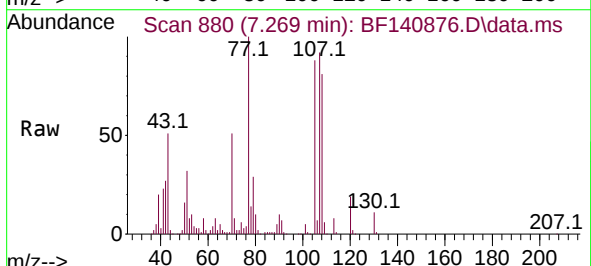
APPROVED

Reviewed By :Yogesh Patel 12/18/2024

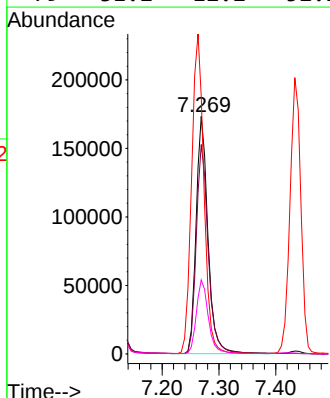
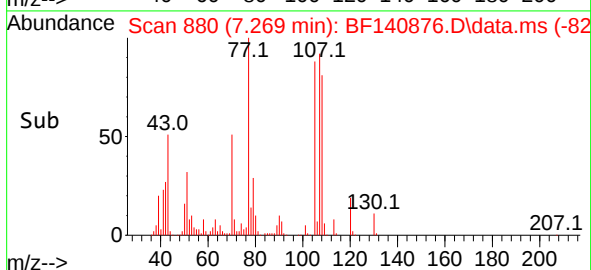
Supervised By :mohammad ahmed 12/18/2024

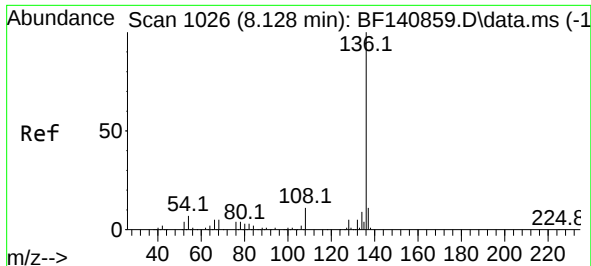


#20
3+4-Methylphenols
Concen: 52.957 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



Tgt Ion:107 Resp: 251496
Ion Ratio Lower Upper
107 100
108 88.2 70.1 110.1
77 108.3 94.4 134.4
79 31.2 12.2 52.2





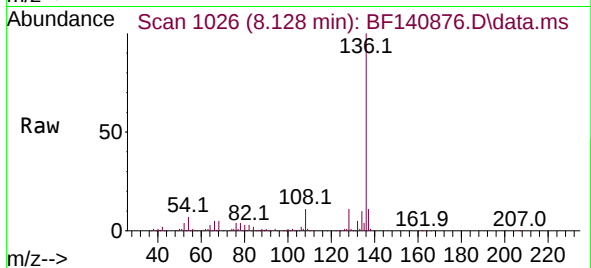
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS



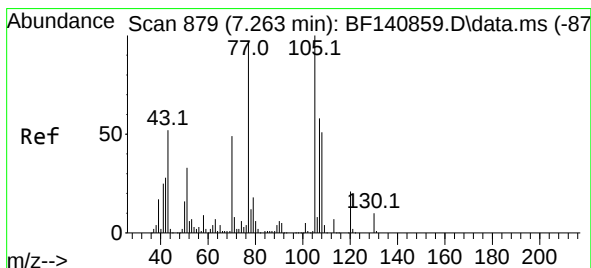
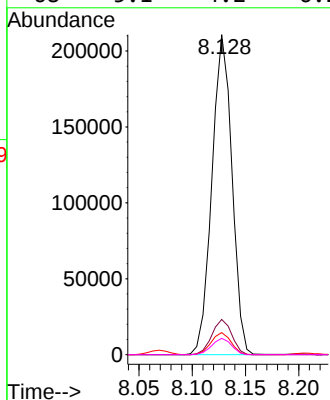
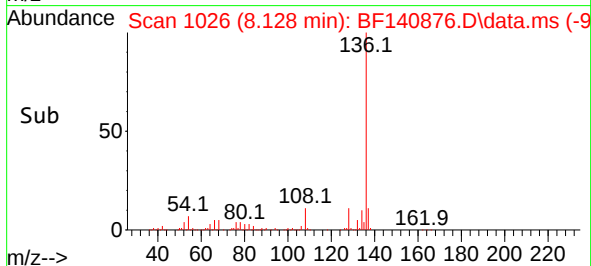
Tgt Ion:136 Resp: 27534
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.9 5.6 8.4
68 5.1 4.2 6.2

Manual Integrations

APPROVED

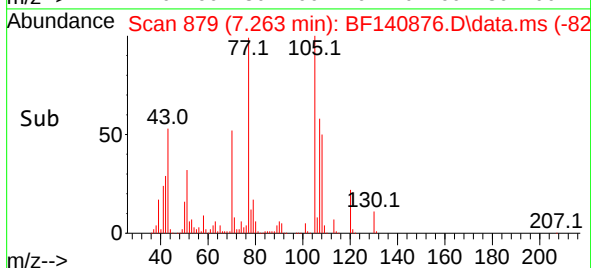
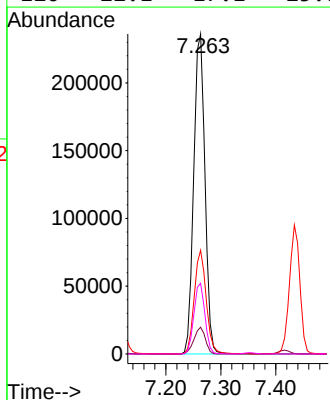
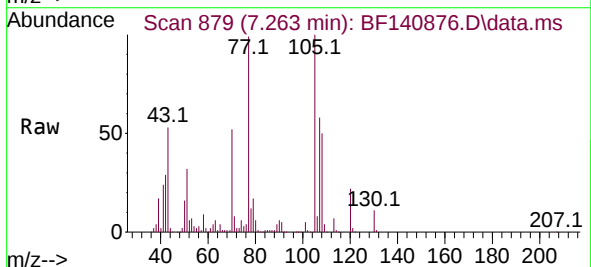
Reviewed By :Yogesh Patel 12/18/2024

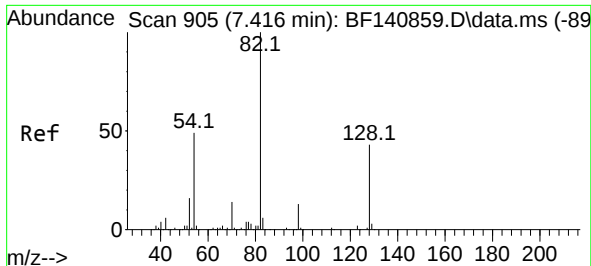
Supervised By :mohammad ahmed 12/18/2024



#22
Acetophenone
Concen: 48.690 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:105 Resp: 335368
Ion Ratio Lower Upper
105 100
71 8.3 6.2 9.4
51 32.4 26.3 39.5
120 22.1 17.1 25.7





#23
Nitrobenzene-d5
Concen: 96.163 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

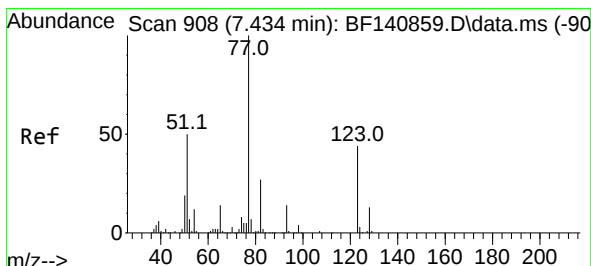
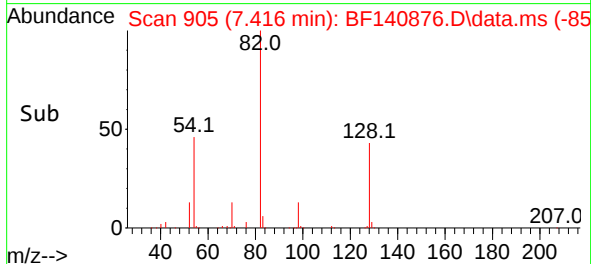
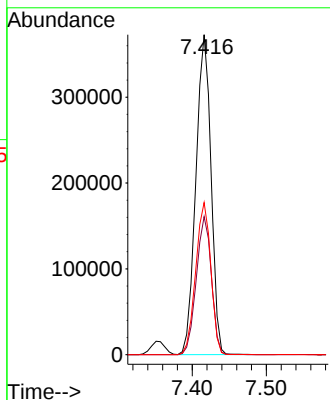
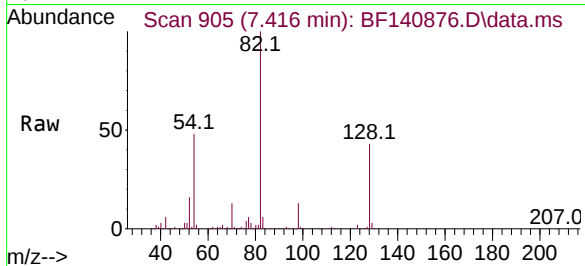
ClientSampleId :

PB165623BS

Tgt Ion: 82 Resp: 529220
Ion Ratio Lower Upper
82 100
128 43.1 34.4 51.6
54 47.6 38.8 58.2

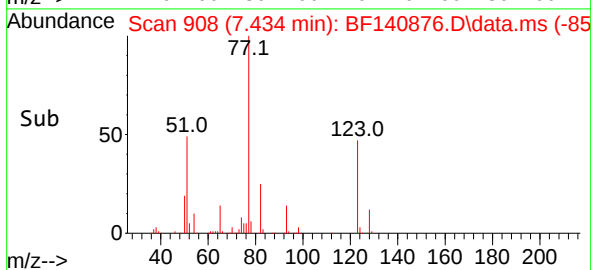
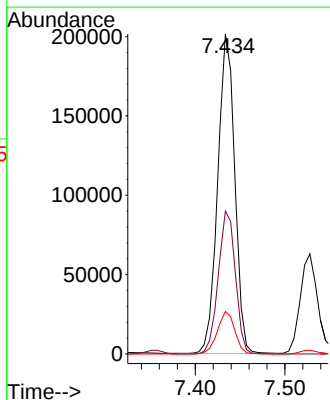
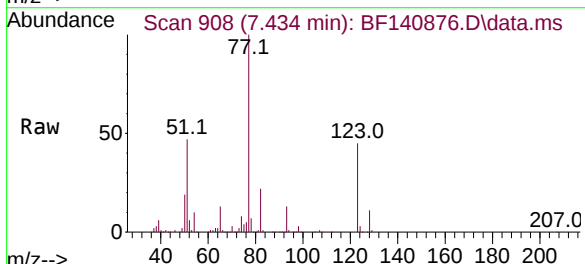
Manual Integrations
APPROVED

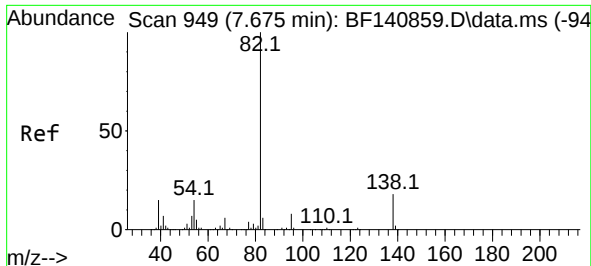
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#24
Nitrobenzene
Concen: 47.210 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

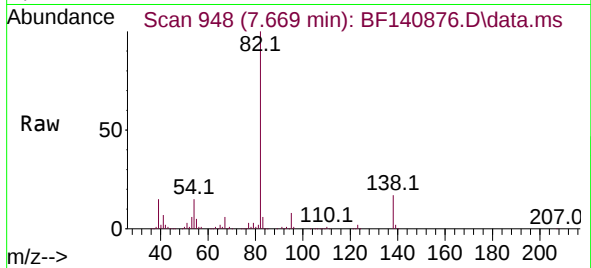
Tgt Ion: 77 Resp: 266173
Ion Ratio Lower Upper
77 100
123 44.7 35.0 52.4
65 13.2 11.4 17.0





#25
Isophorone
Concen: 52.675 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

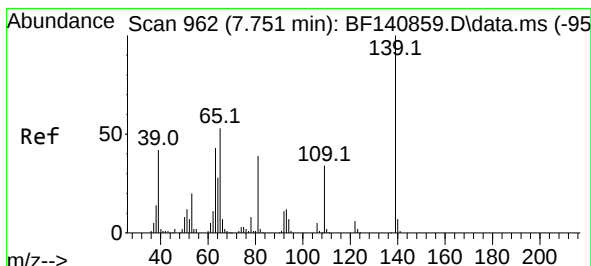
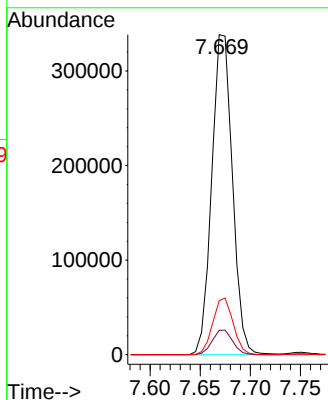
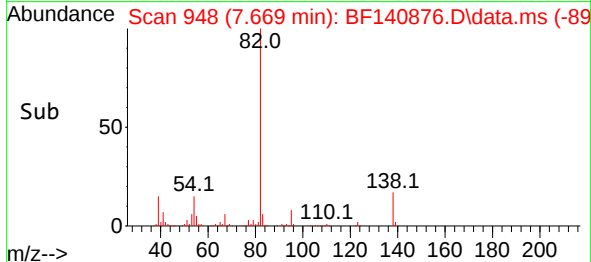
Instrument :
BNA_F
Client Sample Id :
PB165623BS



Tgt Ion: 82 Resp: 485720
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 16.9 14.1 21.1

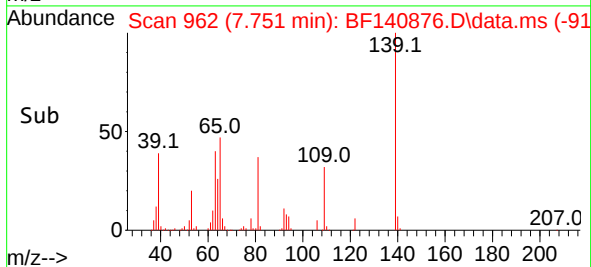
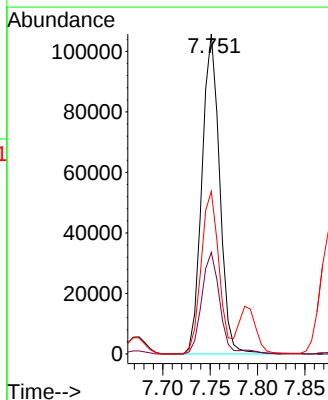
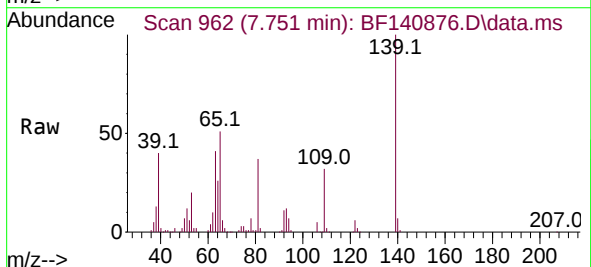
Manual Integrations
APPROVED

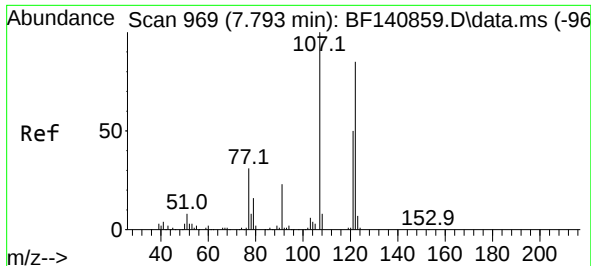
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#26
2-Nitrophenol
Concen: 52.793 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:139 Resp: 137086
Ion Ratio Lower Upper
139 100
109 31.8 26.9 40.3
65 50.8 42.6 64.0





#27
2,4-Dimethylphenol
Concen: 64.341 ng
RT: 7.787 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

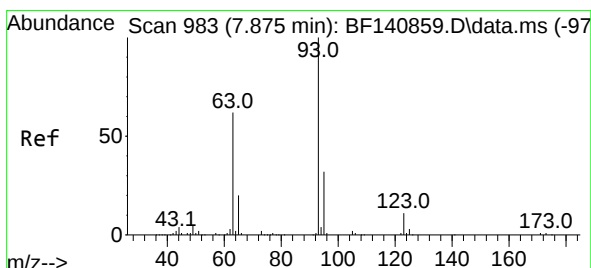
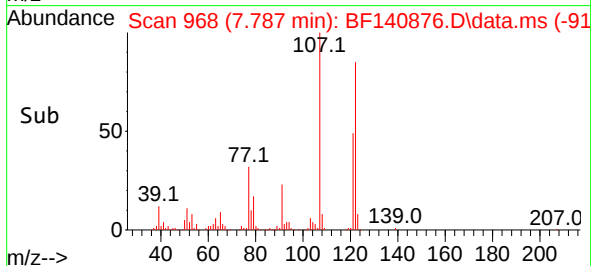
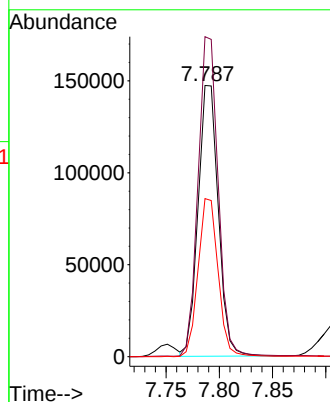
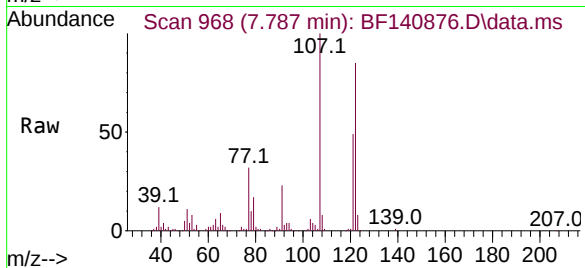
PB165623BS

Tgt Ion:122 Resp: 19511
Ion Ratio Lower Upper
122 100
107 118.0 92.6 139.0
121 58.3 45.8 68.8

Manual Integrations

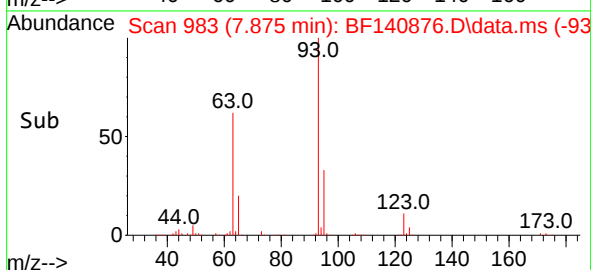
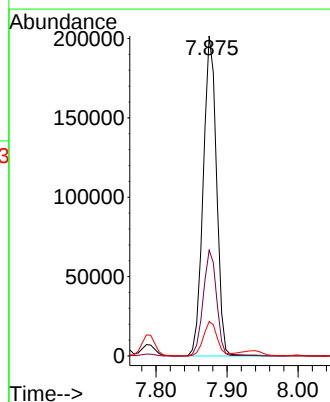
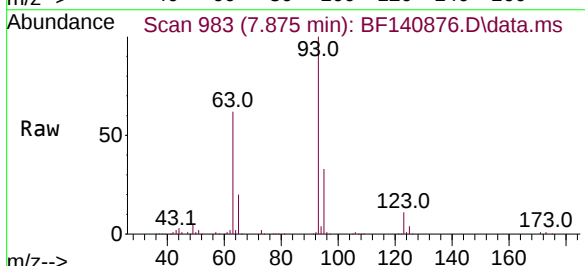
APPROVED

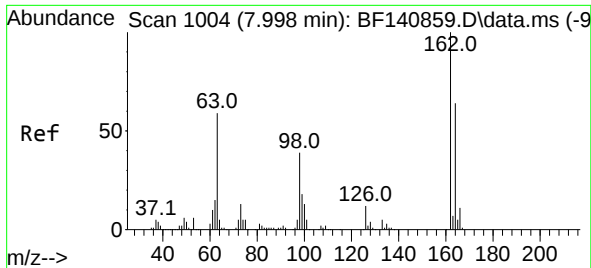
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.786 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion: 93 Resp: 263696
Ion Ratio Lower Upper
93 100
95 33.1 25.3 37.9
123 10.8 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 47.388 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

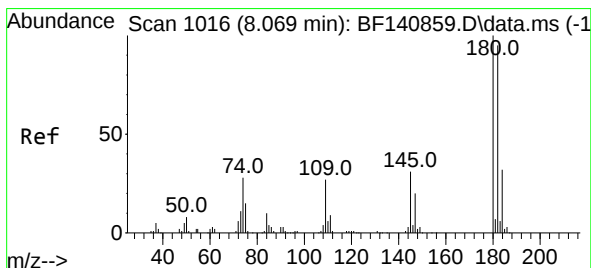
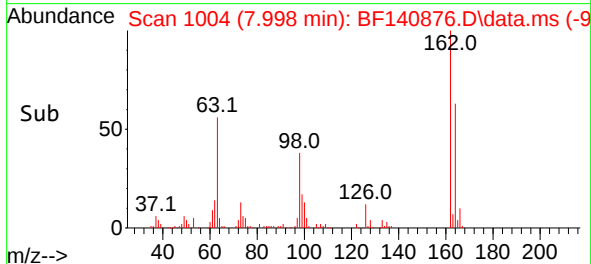
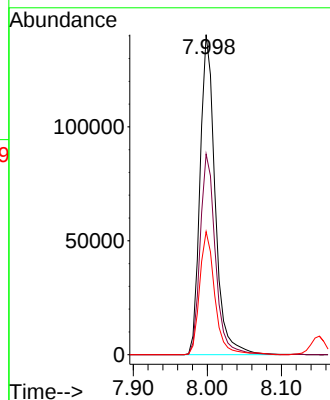
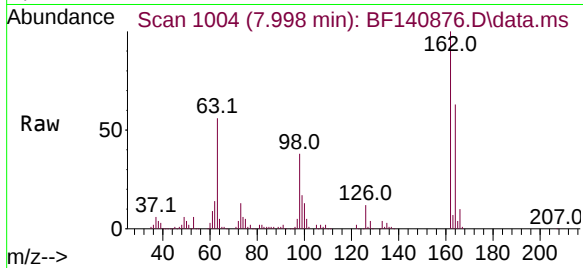
PB165623BS

Tgt Ion:162 Resp: 19840
 Ion Ratio Lower Upper
 162 100
 164 62.7 43.7 83.7
 98 38.5 18.6 58.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.649 ng

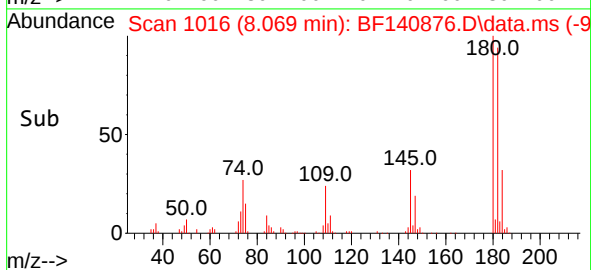
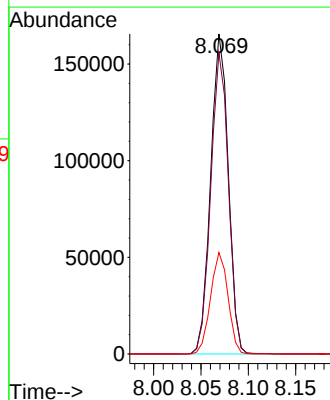
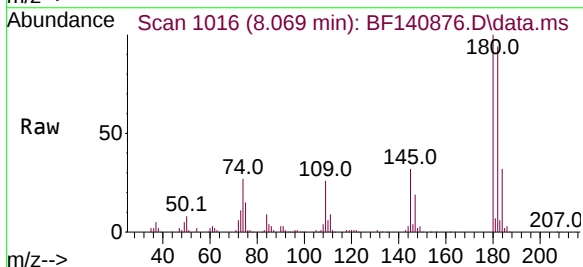
RT: 8.069 min Scan# 1016

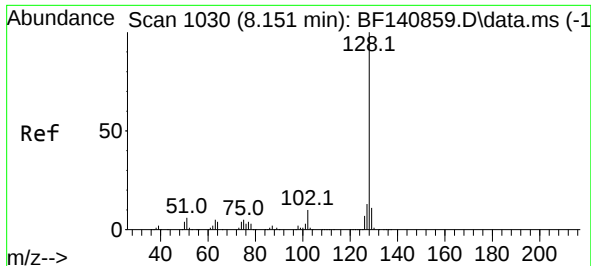
Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Tgt Ion:180 Resp: 214292
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.8 113.6
 145 31.7 25.2 37.8





#31
Naphthalene
Concen: 46.123 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

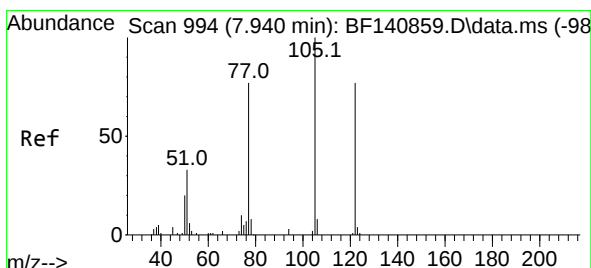
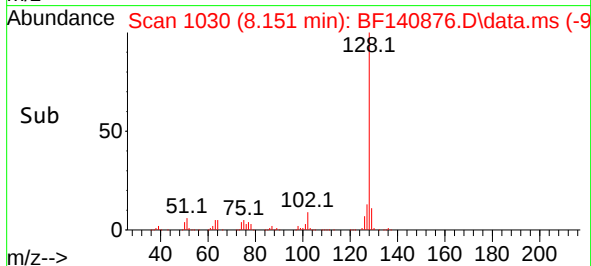
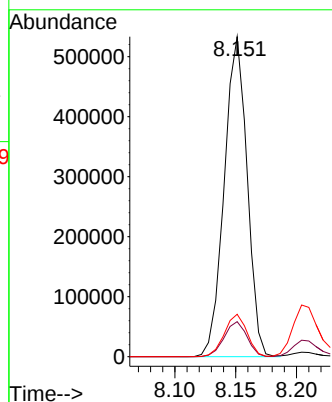
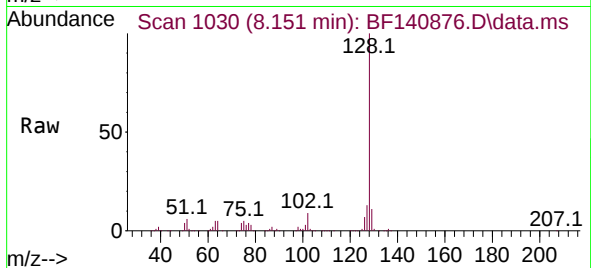
Tgt Ion:128 Resp: 69759
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.6 16.0

Manual Integrations

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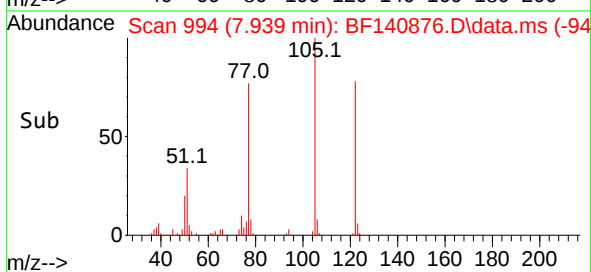
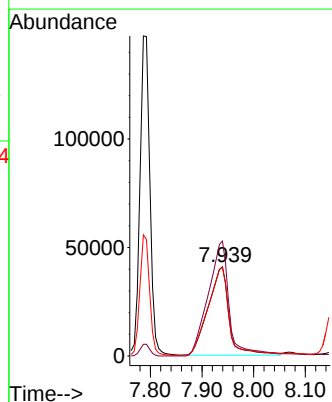
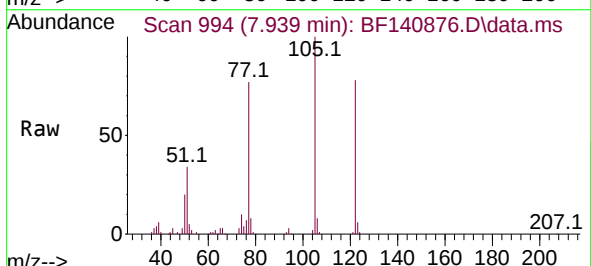
Reviewed By :Yogesh Patel 12/18/2024

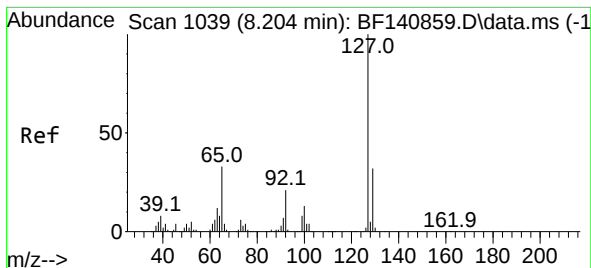
Supervised By :mohammad ahmed 12/18/2024



#32
Benzoic acid
Concen: 39.579 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.001 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:122 Resp: 113833
Ion Ratio Lower Upper
122 100
105 128.8 108.3 148.3
77 99.6 78.8 118.8





#33
4-Chloroaniline
Concen: 27.275 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

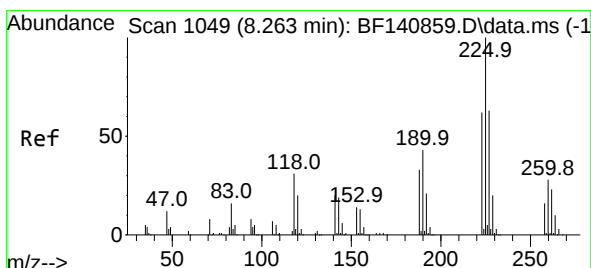
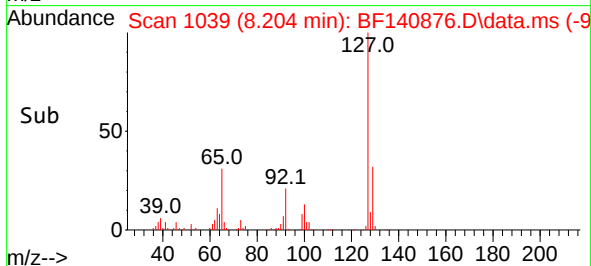
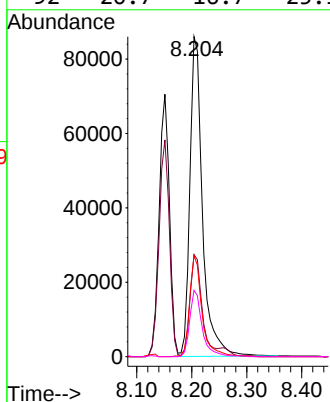
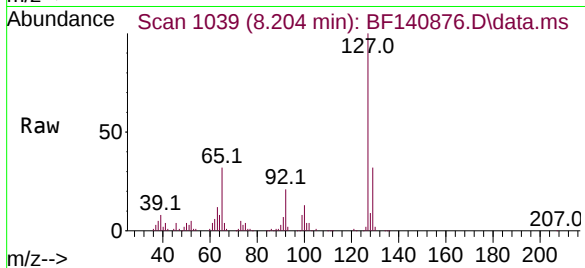
PB165623BS

Tgt Ion:127 Resp: 137010
Ion Ratio Lower Upper
127 100
129 31.9 26.0 39.0
65 31.6 26.0 39.0
92 20.7 16.7 25.1

Manual Integrations

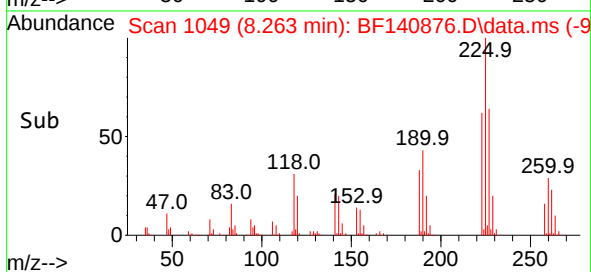
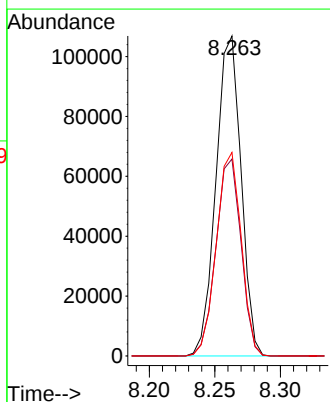
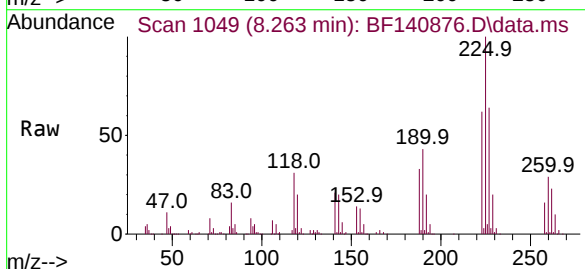
APPROVED

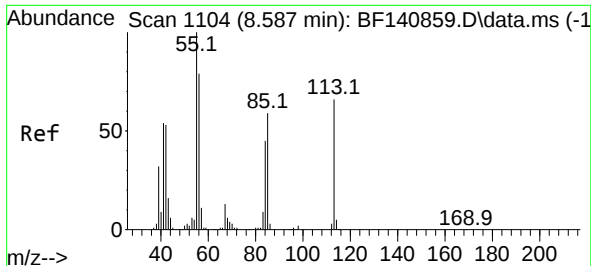
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#34
Hexachlorobutadiene
Concen: 44.052 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:225 Resp: 142248
Ion Ratio Lower Upper
225 100
223 61.6 49.6 74.4
227 63.6 50.7 76.1





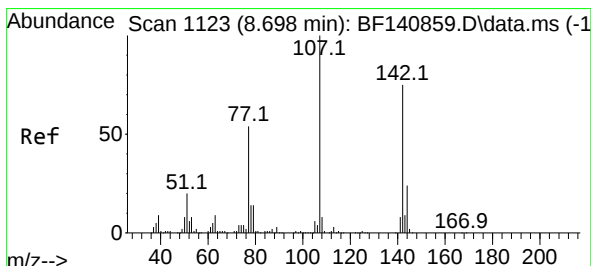
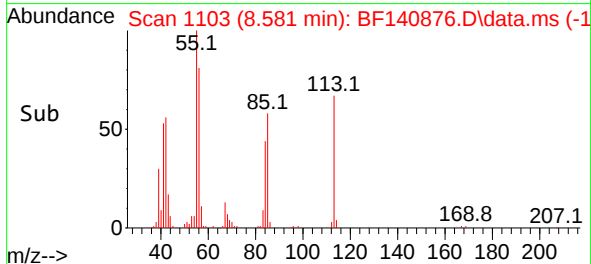
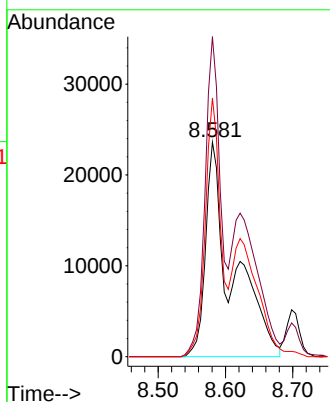
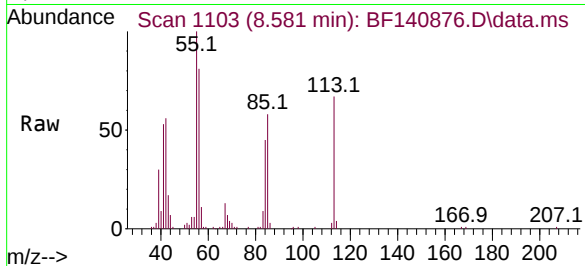
#35
Caprolactam
Concen: 52.101 ng m
RT: 8.581 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB165623BS

Tgt Ion:113 Resp: 64940
Ion Ratio Lower Upper
113 100
55 149.2 132.3 172.3
56 120.6 100.3 140.3

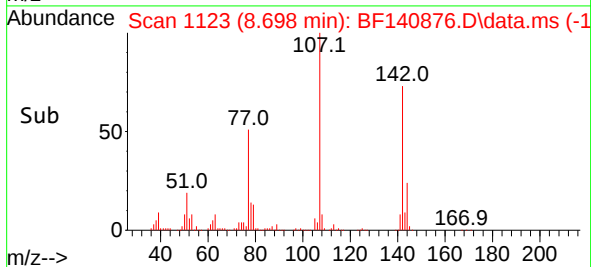
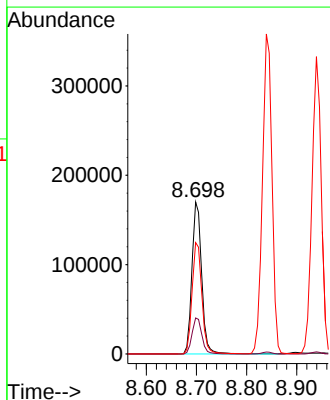
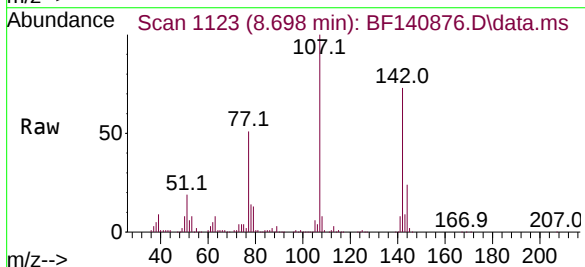
Manual Integrations
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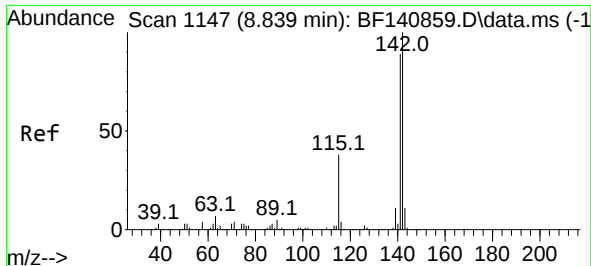
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#36
4-Chloro-3-methylphenol
Concen: 48.611 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:107 Resp: 229067
Ion Ratio Lower Upper
107 100
144 23.7 19.4 29.2
142 73.3 60.3 90.5





#37
2-Methylnaphthalene
Concen: 47.248 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

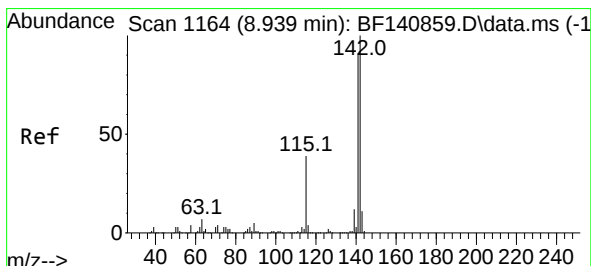
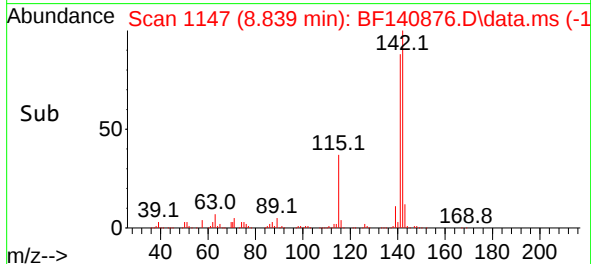
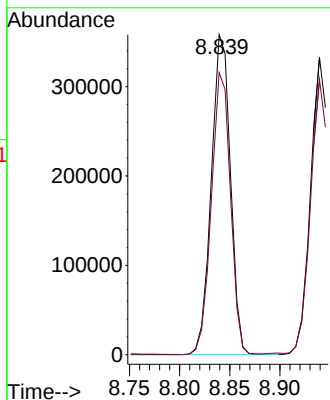
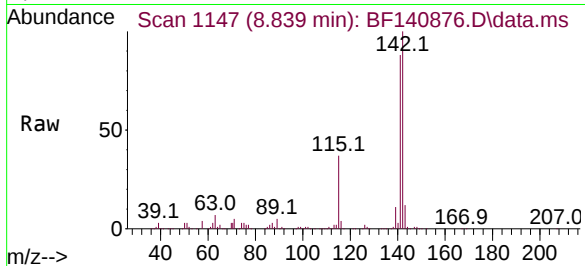
ClientSampleId :

PB165623BS

Tgt Ion:142 Resp: 472718
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6

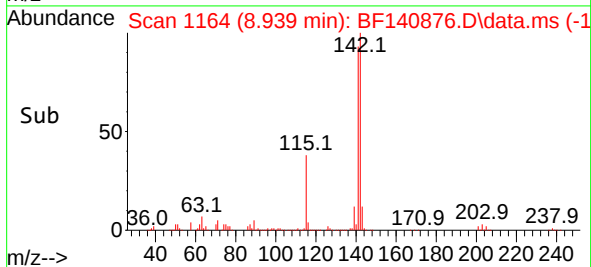
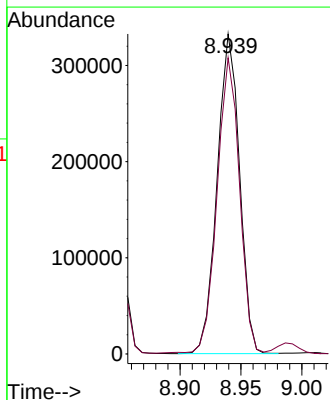
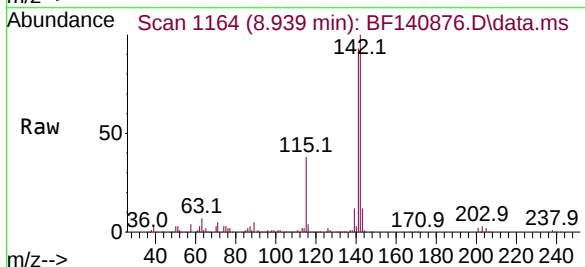
Manual Integrations
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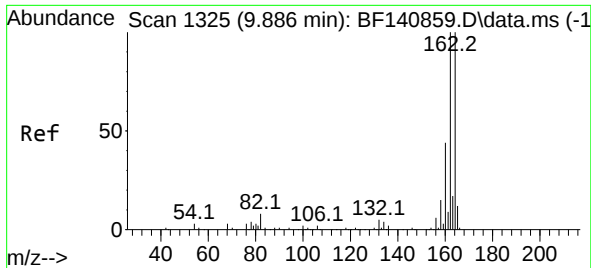
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#38
1-Methylnaphthalene
Concen: 43.082 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:142 Resp: 426288
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0





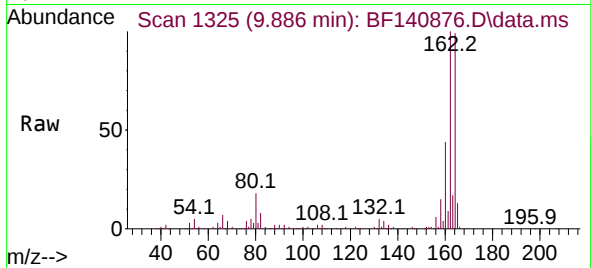
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

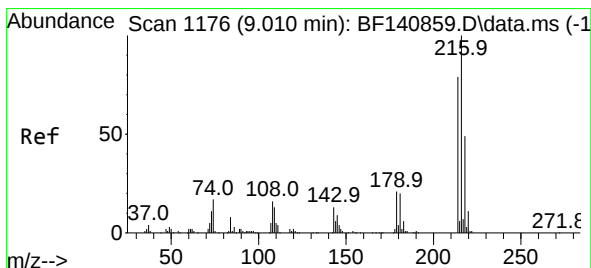
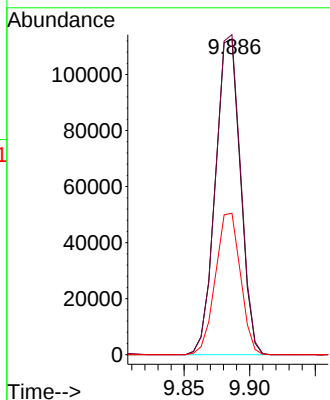
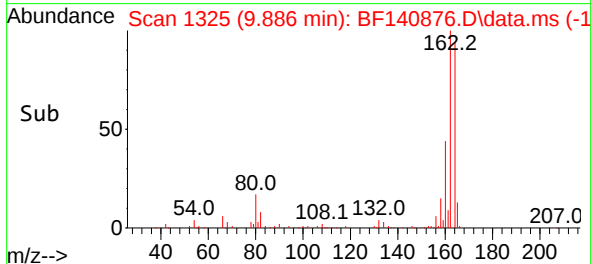


Tgt Ion:164 Resp: 14958
Ion Ratio Lower Upper
164 100
162 101.4 79.9 119.9
160 44.8 35.2 52.8

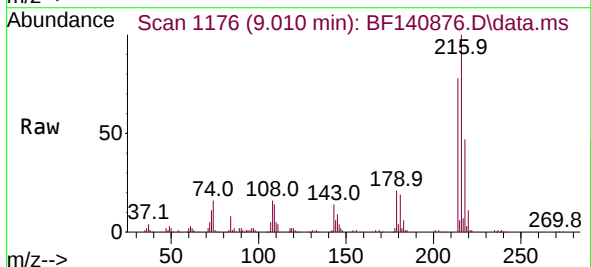
Manual Integrations

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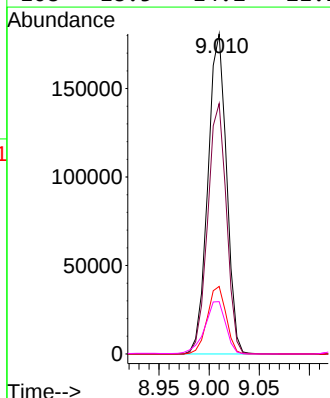
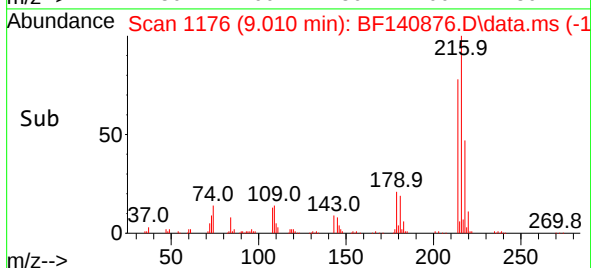
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

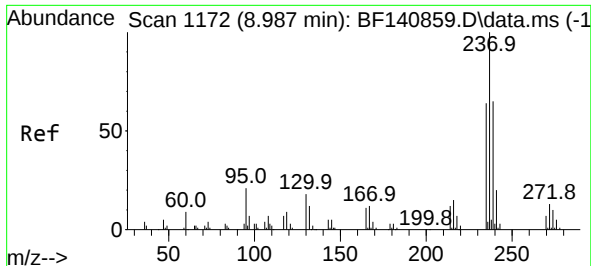


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.038 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



Tgt Ion:216 Resp: 234659
Ion Ratio Lower Upper
216 100
214 78.3 63.6 95.4
179 21.2 17.0 25.4
108 18.5 14.2 21.2





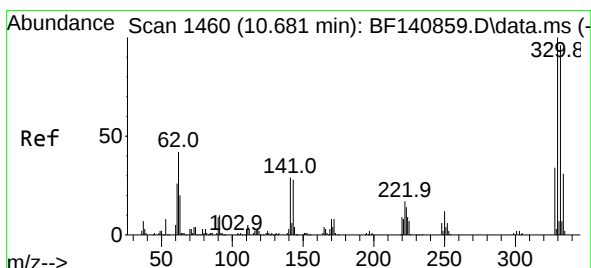
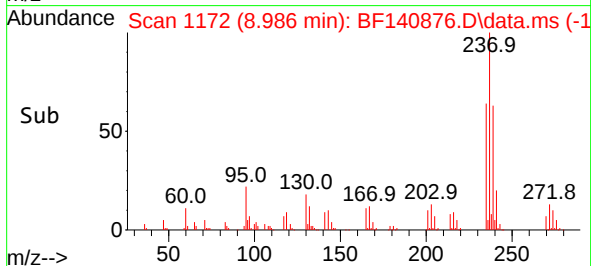
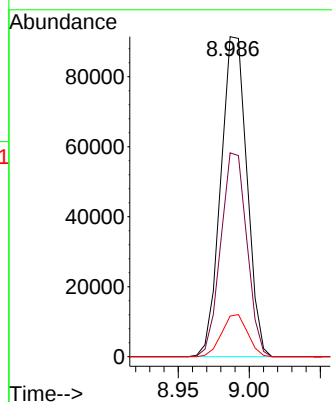
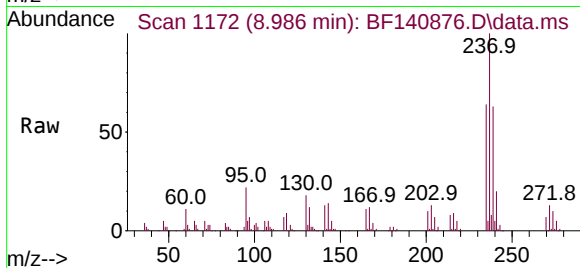
#41
Hexachlorocyclopentadiene
Concen: 74.460 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB165623BS

Tgt Ion:237 Resp: 117174
Ion Ratio Lower Upper
237 100
235 63.7 43.7 83.7
272 12.7 0.0 32.9

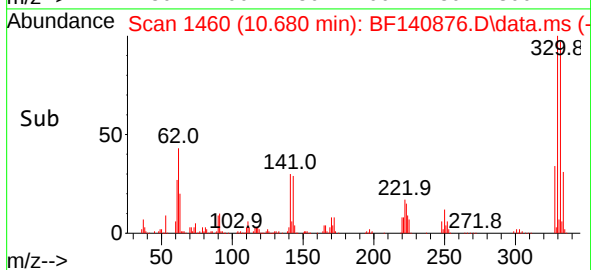
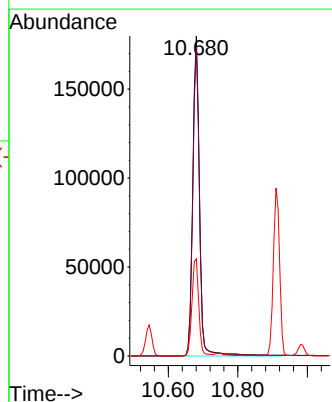
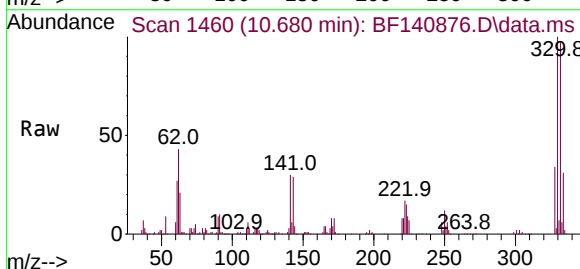
Manual Integrations
APPROVED

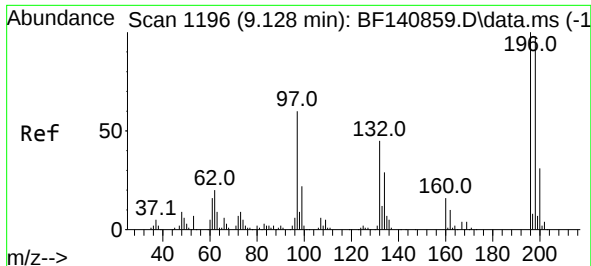
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#42
2,4,6-Tribromophenol
Concen: 137.908 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:330 Resp: 243982
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 30.6 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 49.449 ng
RT: 9.128 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

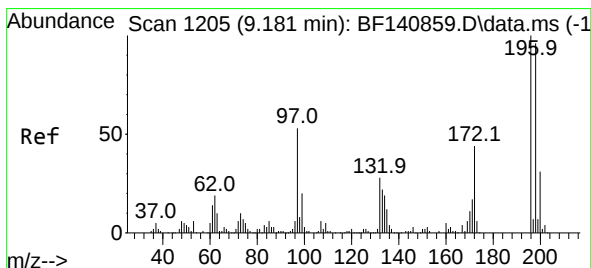
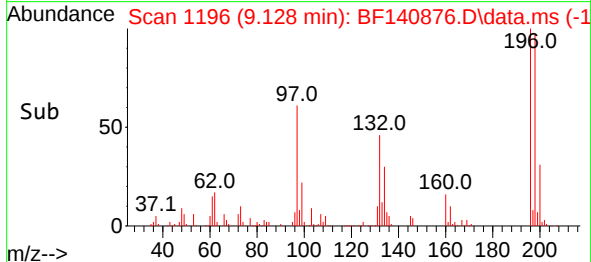
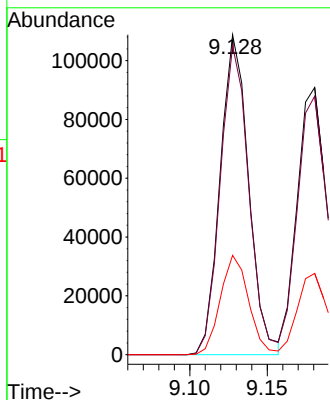
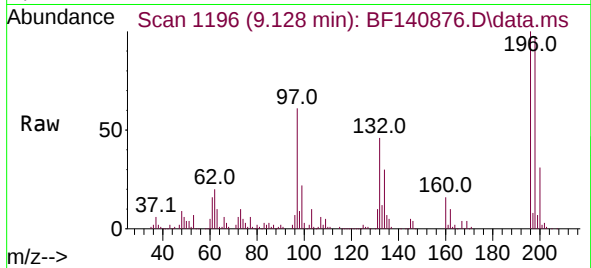
PB165623BS

Tgt Ion:196 Resp: 13921
Ion Ratio Lower Upper
196 100
198 96.6 77.4 116.0
200 31.1 24.5 36.7

Manual Integrations

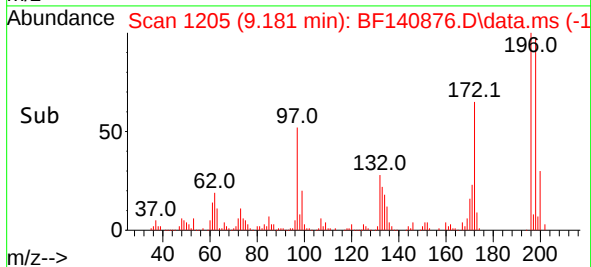
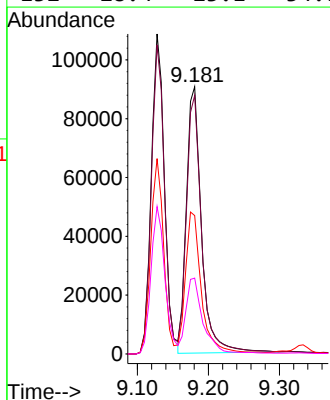
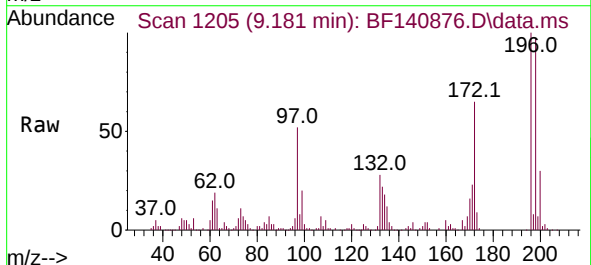
APPROVED

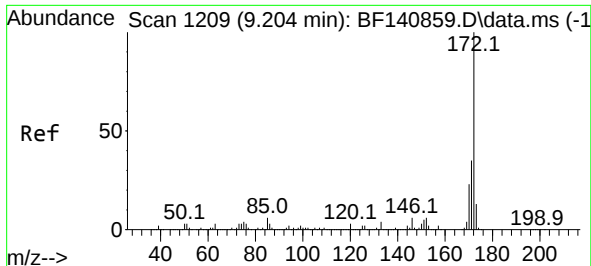
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#44
2,4,5-Trichlorophenol
Concen: 43.154 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:196 Resp: 133534
Ion Ratio Lower Upper
196 100
198 96.8 77.2 115.8
97 51.8 42.2 63.4
132 28.4 23.1 34.7





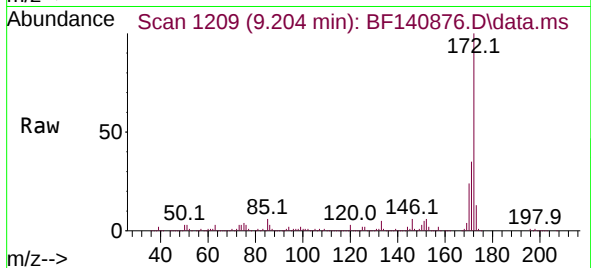
#45
2-Fluorobiphenyl
Concen: 89.141 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS



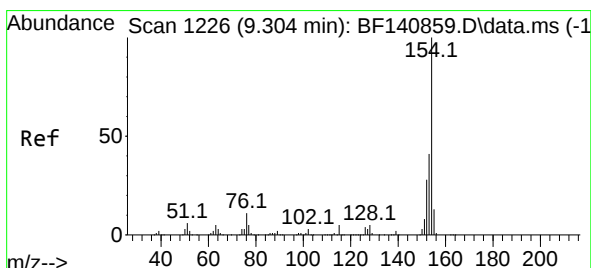
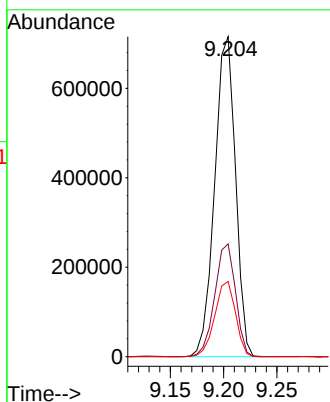
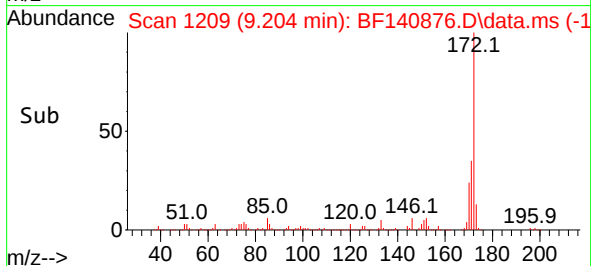
Tgt Ion:172 Resp: 969862
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.5 18.6 28.0

Manual Integrations

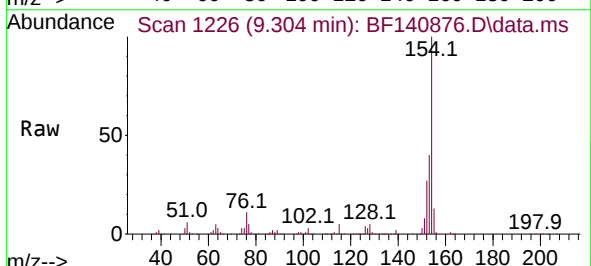
APPROVED

Reviewed By :Yogesh Patel 12/18/2024

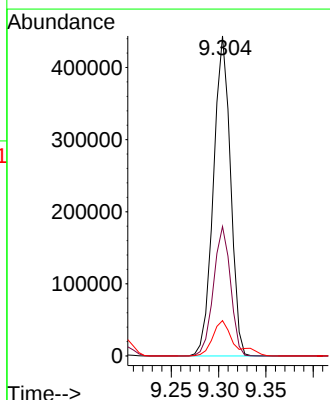
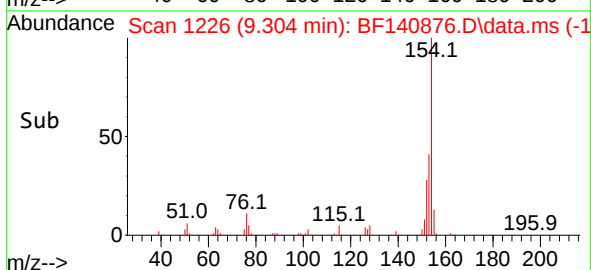
Supervised By :mohammad ahmed 12/18/2024

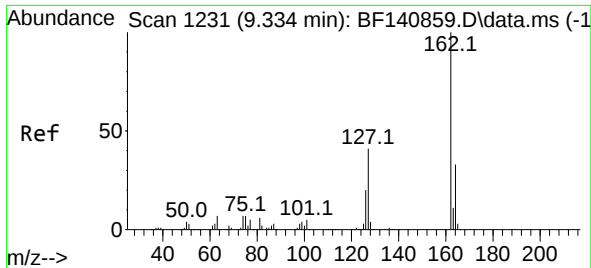


#46
1,1'-Biphenyl
Concen: 46.884 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



Tgt Ion:154 Resp: 557673
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 11.1 0.0 31.0





#47
2-Chloronaphthalene
Concen: 44.976 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

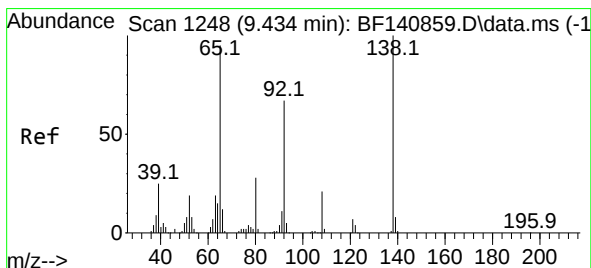
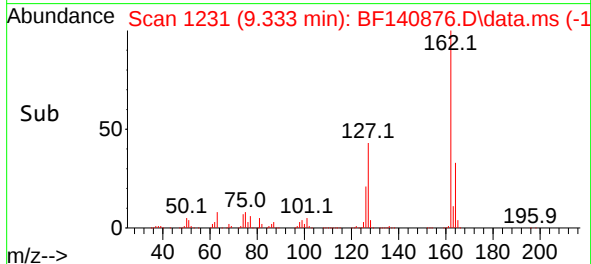
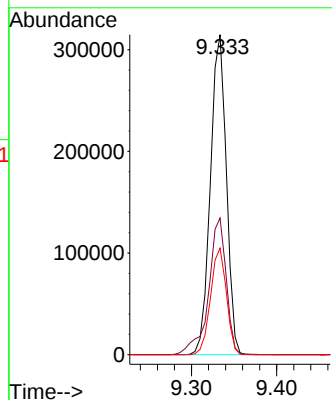
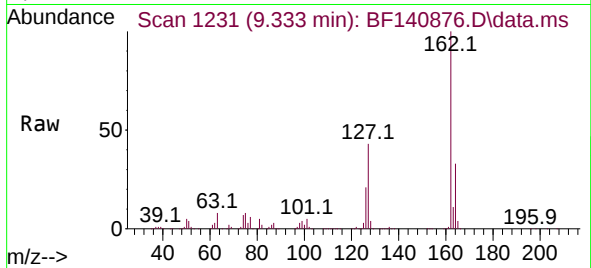
ClientSampleId :

PB165623BS

Tgt Ion:162 Resp: 40926
Ion Ratio Lower Upper
162 100
127 42.7 33.5 50.3
164 33.3 26.2 39.2

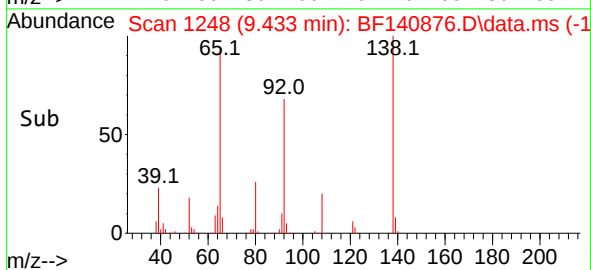
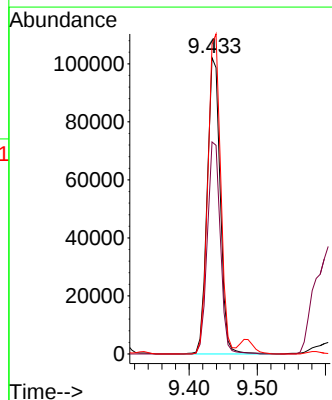
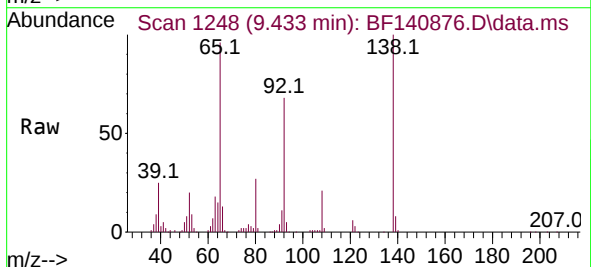
Manual Integrations
APPROVED

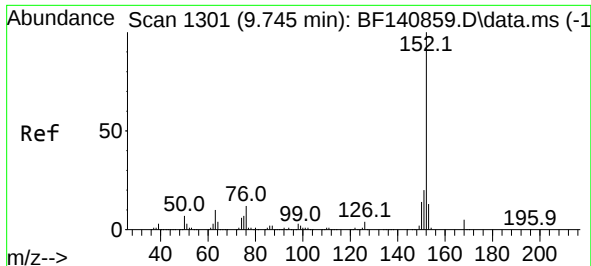
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#48
2-Nitroaniline
Concen: 49.394 ng
RT: 9.433 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion: 65 Resp: 135746
Ion Ratio Lower Upper
65 100
92 71.6 56.3 84.5
138 104.5 83.8 125.6





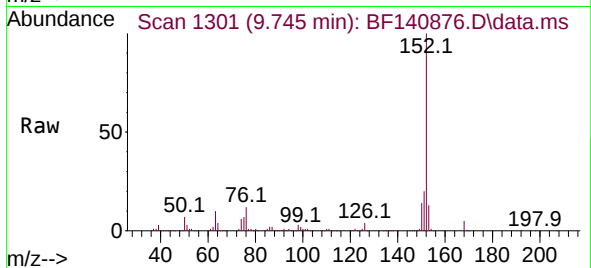
#49
Acenaphthylene
Concen: 51.655 ng
RT: 9.745 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS



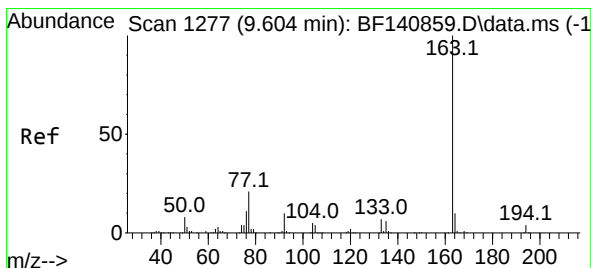
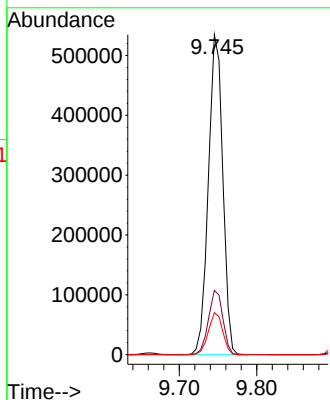
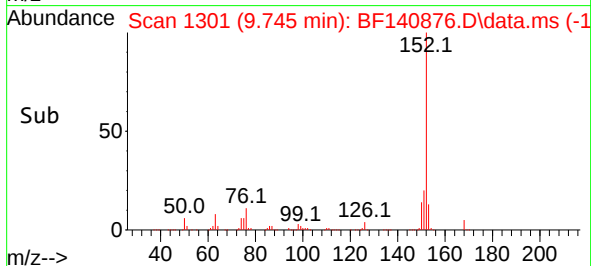
Tgt Ion:152 Resp: 690760
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.1 10.6 16.0

Manual Integrations

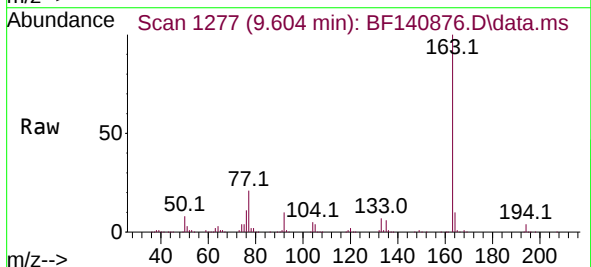
APPROVED

Reviewed By :Yogesh Patel 12/18/2024

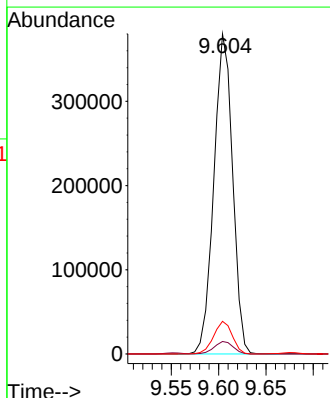
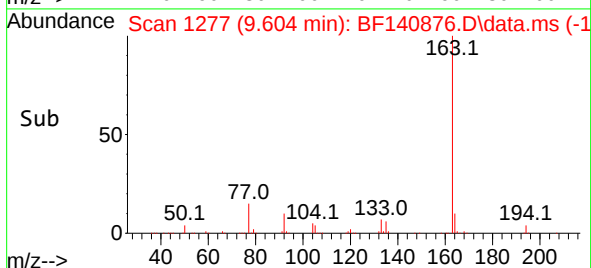
Supervised By :mohammad ahmed 12/18/2024

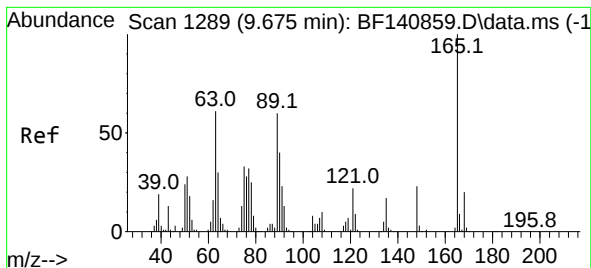


#50
Dimethylphthalate
Concen: 49.749 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



Tgt Ion:163 Resp: 524662
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.1 12.1





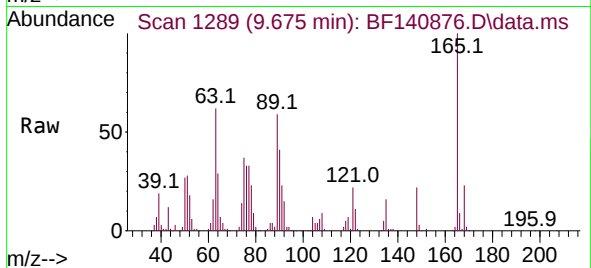
#51
2,6-Dinitrotoluene
Concen: 47.097 ng
RT: 9.675 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

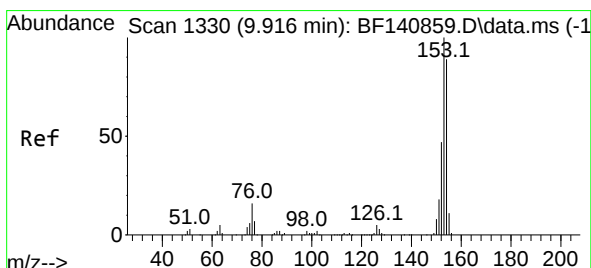
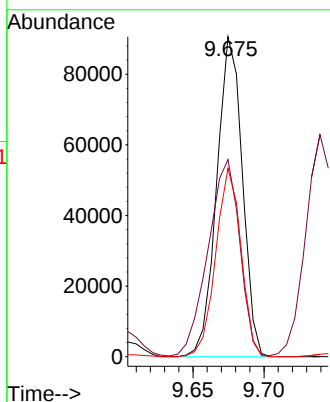
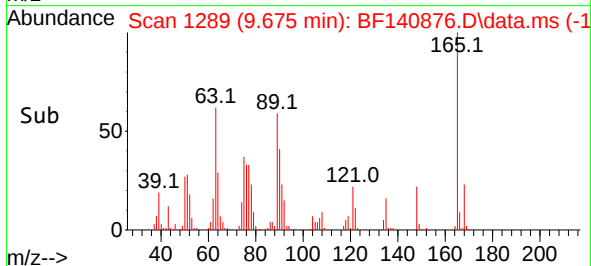


Tgt Ion:165 Resp: 11354
Ion Ratio Lower Upper
165 100
63 61.6 49.7 74.5
89 58.8 48.2 72.4

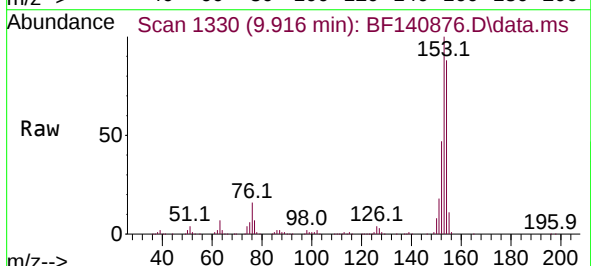
Manual Integrations

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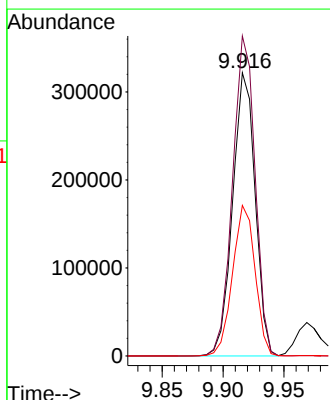
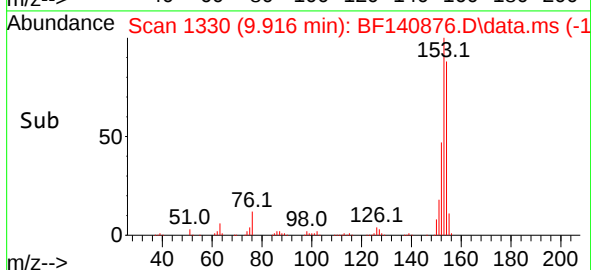
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

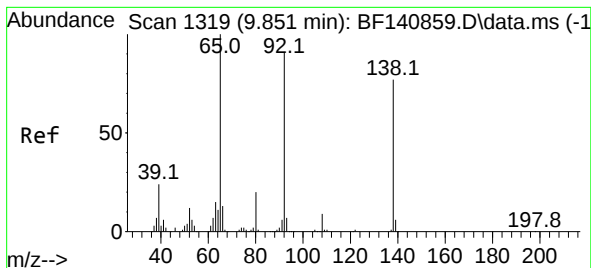


#52
Acenaphthene
Concen: 48.523 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



Tgt Ion:154 Resp: 414491
Ion Ratio Lower Upper
154 100
153 113.0 89.9 134.9
152 53.2 42.6 63.8





#53

3-Nitroaniline

Concen: 33.371 ng

RT: 9.851 min Scan# 1319

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

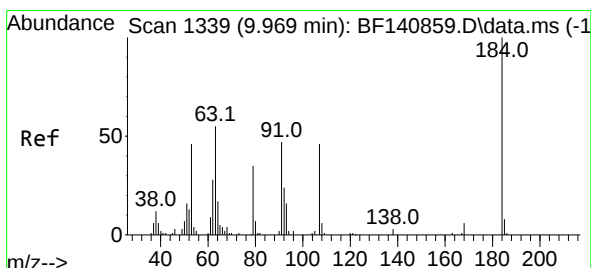
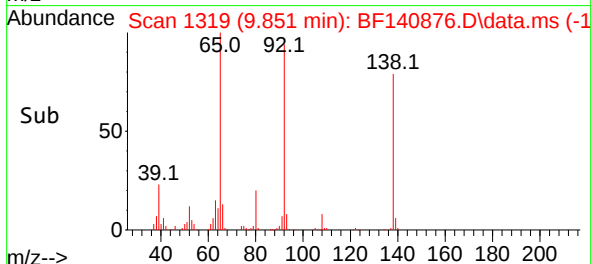
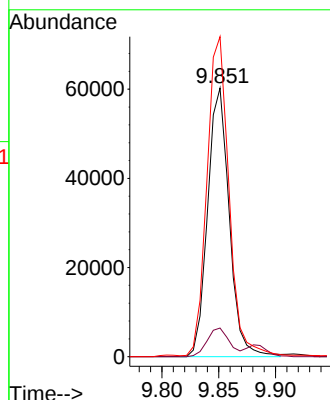
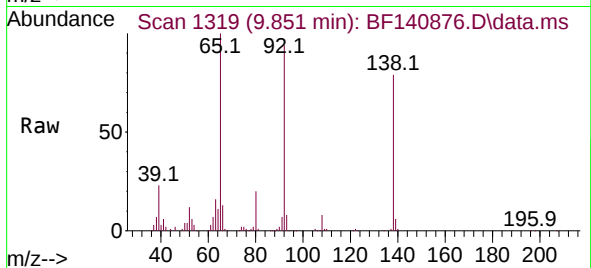
Tgt Ion:138 Resp: 7984
 Ion Ratio Lower Upper
 138 100
 108 10.7 9.0 13.4
 92 119.1 95.5 143.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#54

2,4-Dinitrophenol

Concen: 77.618 ng

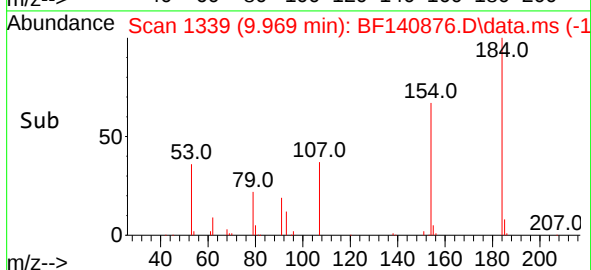
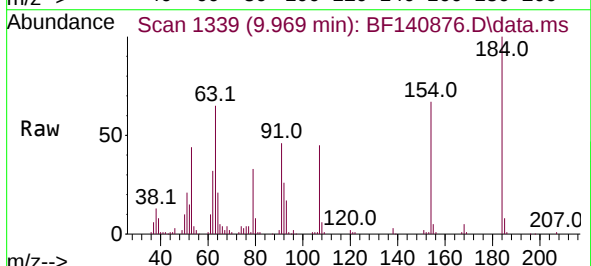
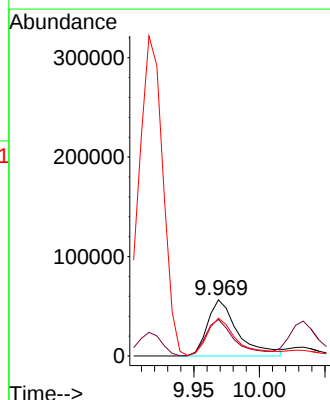
RT: 9.969 min Scan# 1339

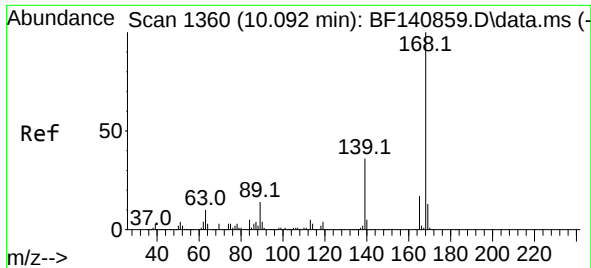
Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Tgt Ion:184 Resp: 91056
 Ion Ratio Lower Upper
 184 100
 63 64.9 51.6 77.4
 154 67.2 56.1 84.1





#55
Dibenzenofuran
Concen: 46.638 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

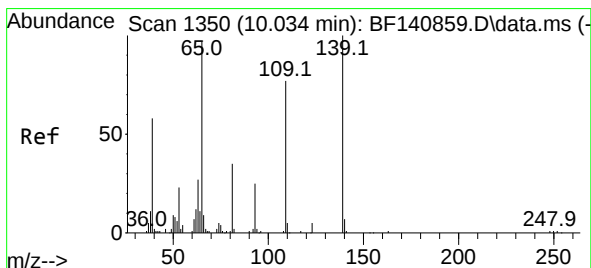
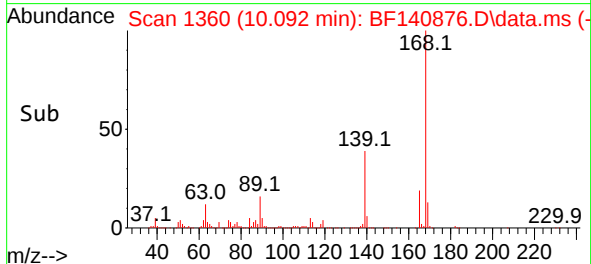
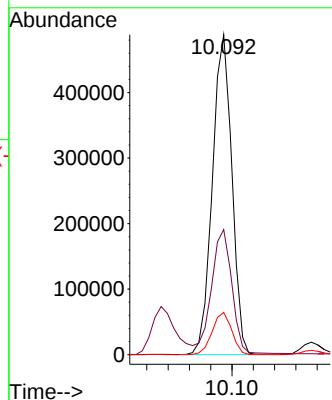
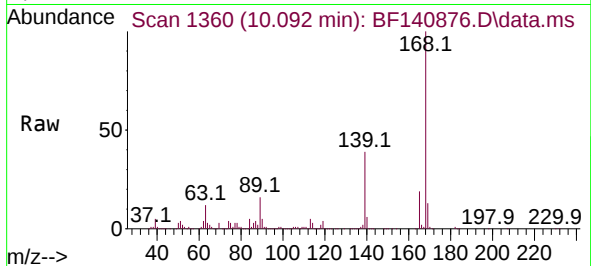
ClientSampleId :

PB165623BS

Tgt Ion:168 Resp: 61733
Ion Ratio Lower Upper
168 100
139 39.1 31.1 46.7
169 13.2 10.6 16.0

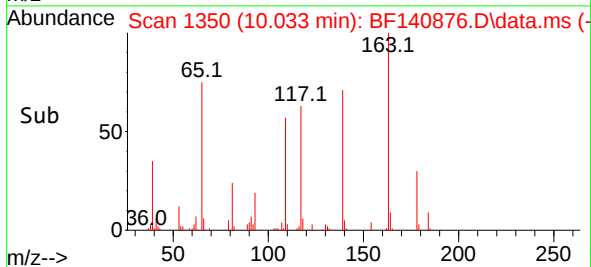
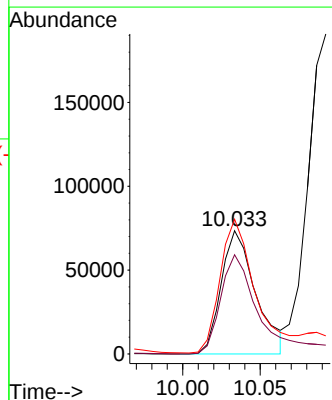
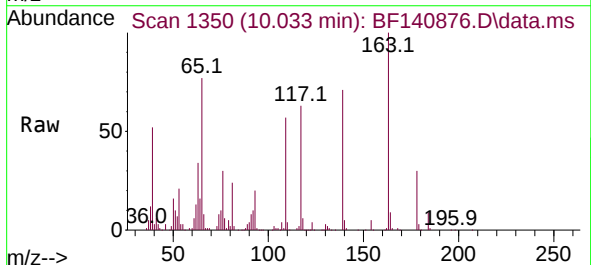
Manual Integrations
APPROVED

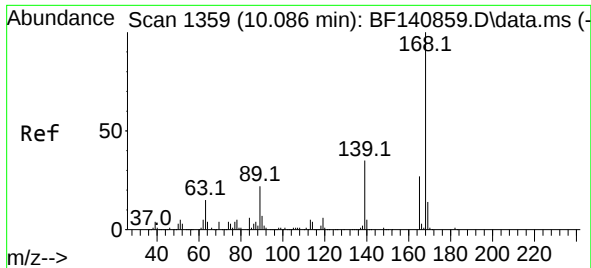
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#56
4-Nitrophenol
Concen: 87.832 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.001 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:139 Resp: 113631
Ion Ratio Lower Upper
139 100
109 80.5 56.7 96.7
65 109.3 78.1 118.1





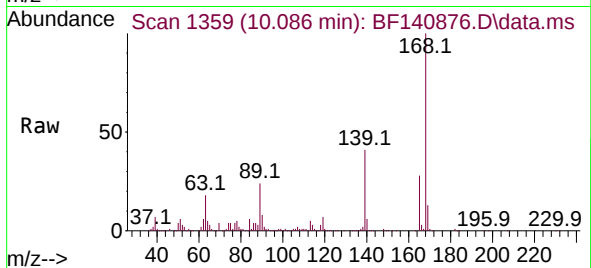
#57
2,4-Dinitrotoluene
Concen: 47.140 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

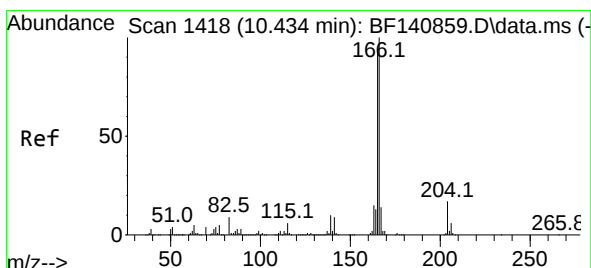
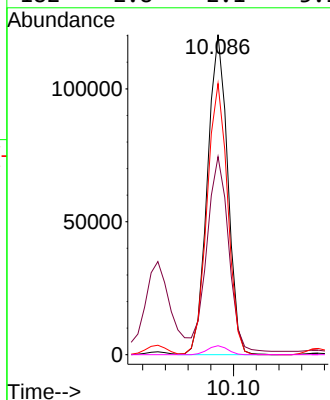
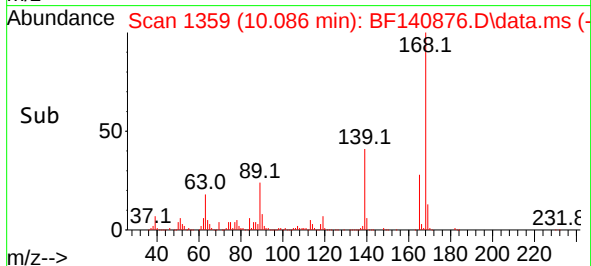


Tgt Ion:165 Resp: 149534
Ion Ratio Lower Upper
165 100
63 61.9 49.3 73.9
89 84.7 66.2 99.4
182 2.8 2.1 3.1

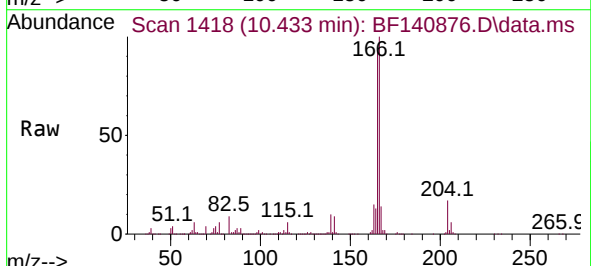
Manual Integrations

APPROVED

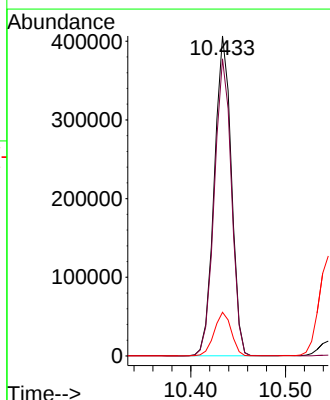
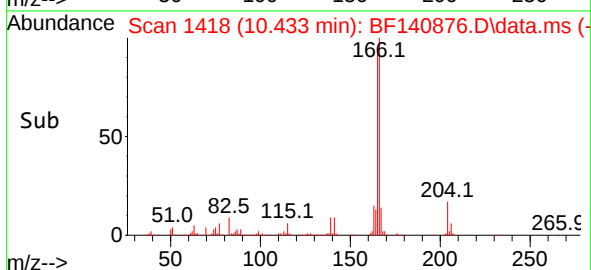
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

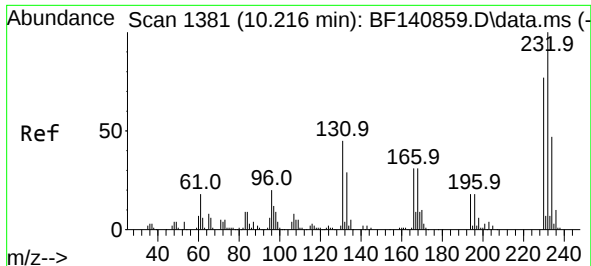


#58
Fluorene
Concen: 46.543 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



Tgt Ion:166 Resp: 508250
Ion Ratio Lower Upper
166 100
165 92.8 75.1 112.7
167 13.7 11.1 16.7





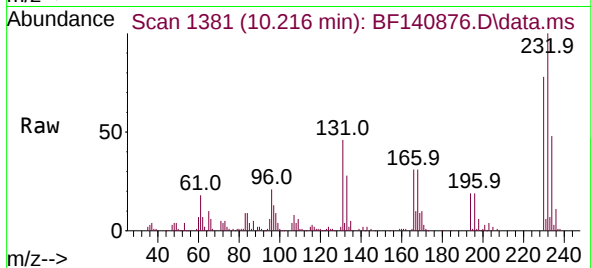
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.431 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS



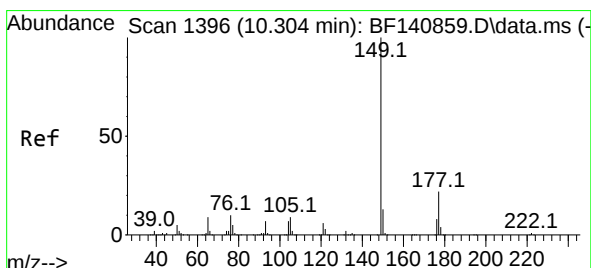
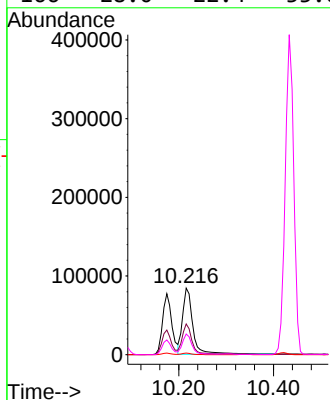
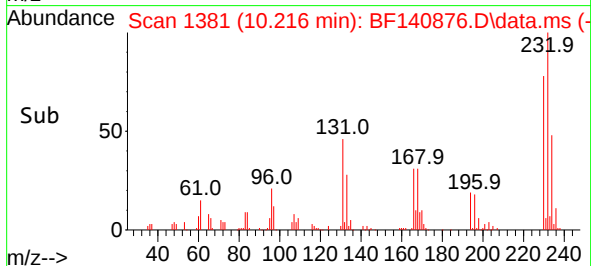
Tgt Ion:232 Resp: 127160
Ion Ratio Lower Upper
232 100
131 42.6 35.1 52.7
130 2.2 1.8 2.8
166 28.0 22.4 33.6

Manual Integrations

APPROVED

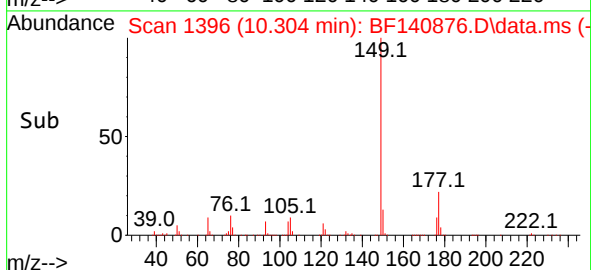
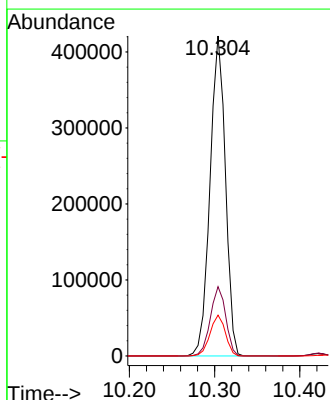
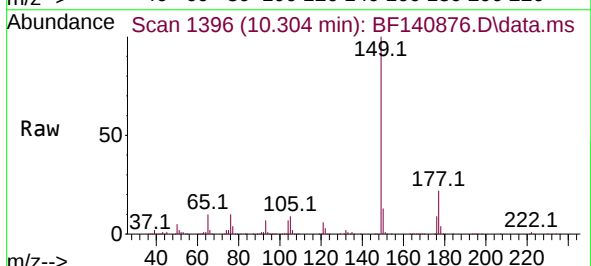
Reviewed By :Yogesh Patel 12/18/2024

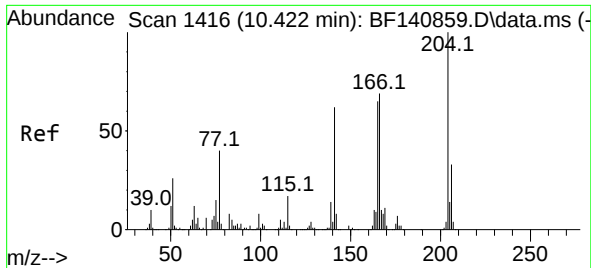
Supervised By :mohammad ahmed 12/18/2024



#60
Diethylphthalate
Concen: 48.492 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

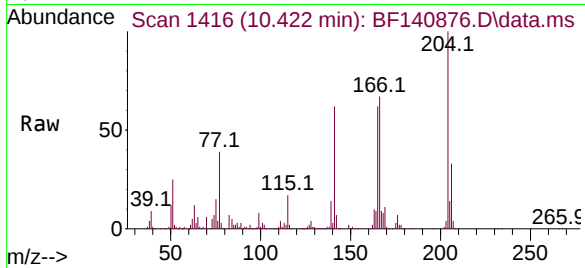
Tgt Ion:149 Resp: 530308
Ion Ratio Lower Upper
149 100
177 21.6 17.2 25.8
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.111 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

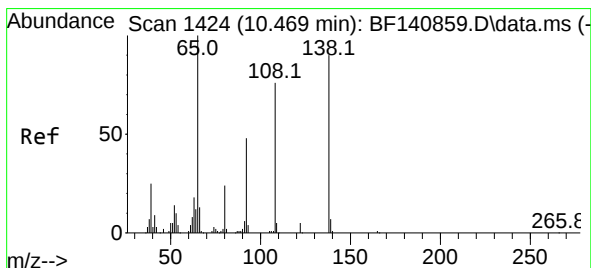
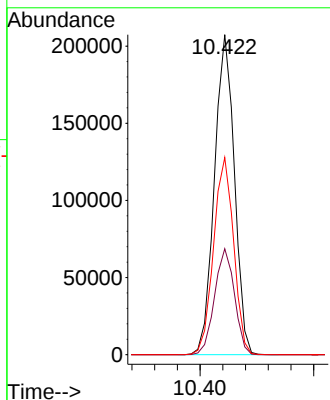
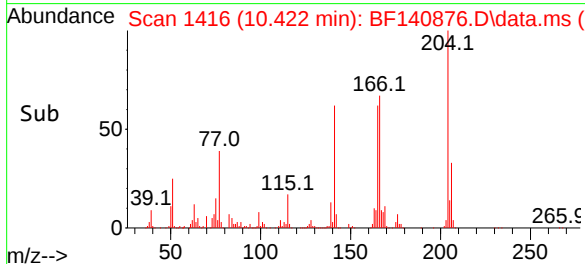
Instrument :
BNA_F
ClientSampleId :
PB165623BS



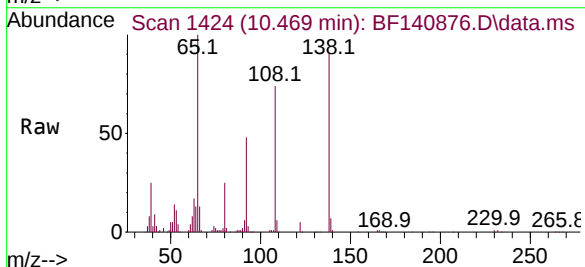
Tgt Ion:204 Resp: 252935
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 61.6 50.0 75.0

Manual Integrations
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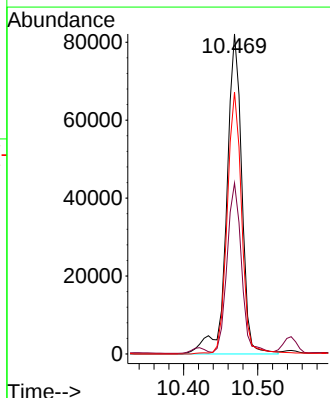
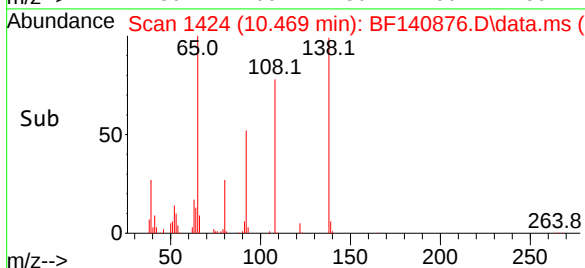
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

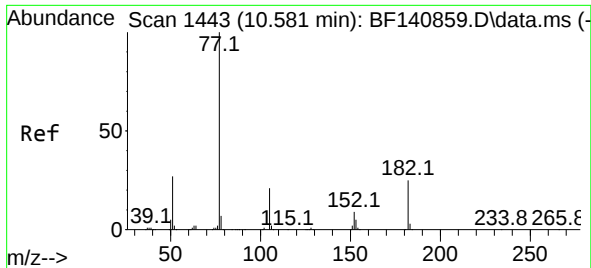


#62
4-Nitroaniline
Concen: 46.474 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



Tgt Ion:138 Resp: 116195
Ion Ratio Lower Upper
138 100
92 53.4 32.6 72.6
108 81.8 64.1 104.1





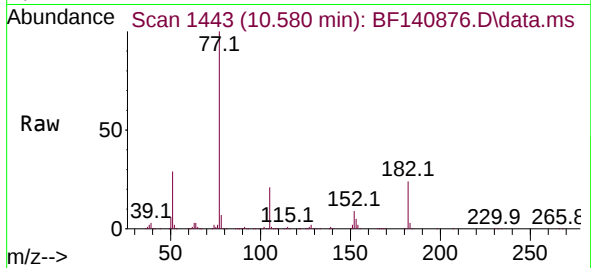
#63
Azobenzene
Concen: 47.623 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS



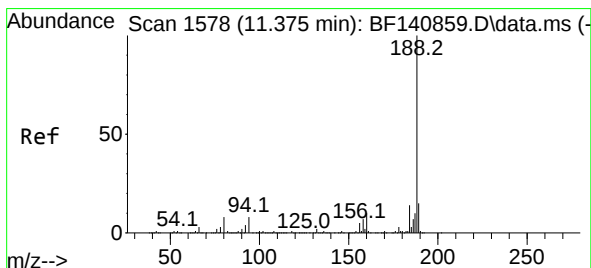
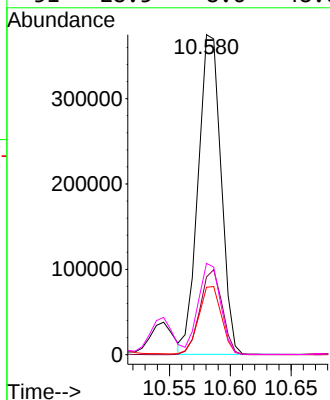
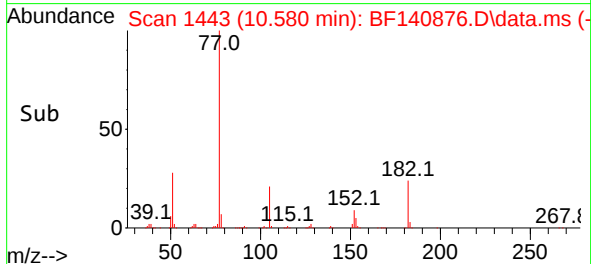
Tgt Ion: 77 Resp: 489614
Ion Ratio Lower Upper
77 100
182 24.3 4.5 44.5
105 21.0 0.9 40.9
51 28.5 8.6 48.6

Manual Integrations

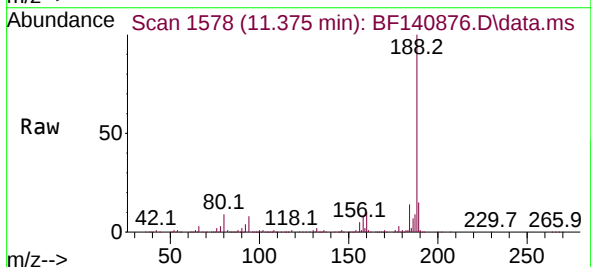
APPROVED

Reviewed By :Yogesh Patel 12/18/2024

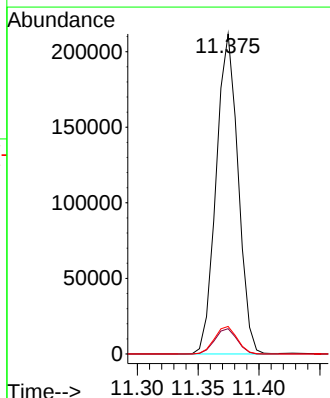
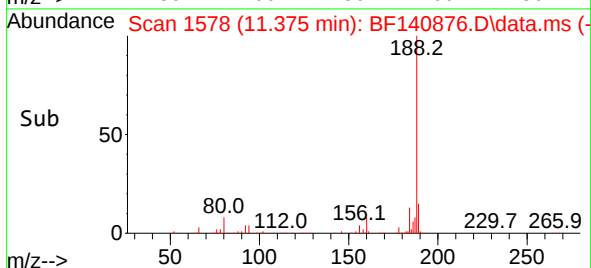
Supervised By :mohammad ahmed 12/18/2024

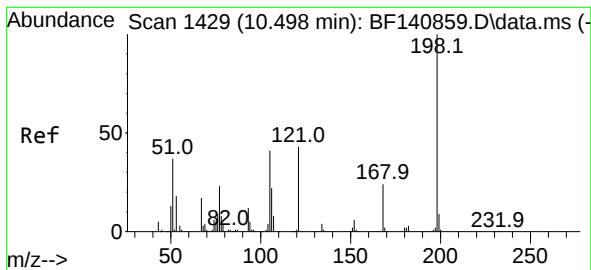


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



Tgt Ion:188 Resp: 265357
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.6 6.8 10.2





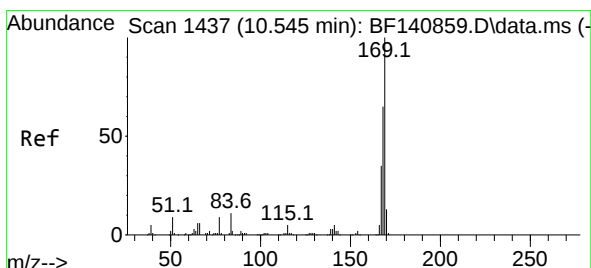
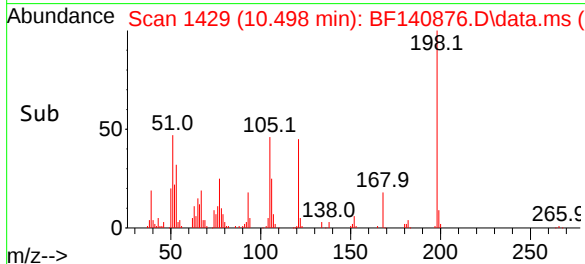
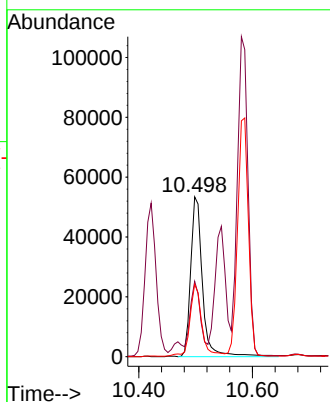
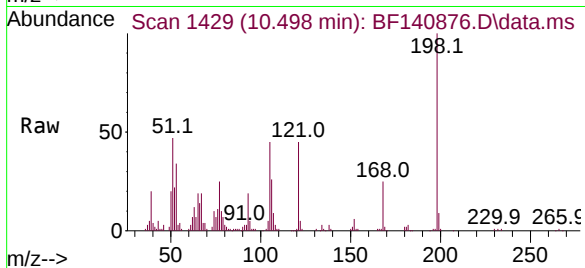
#65
4,6-Dinitro-2-methylphenol
Concen: 51.645 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB165623BS

Tgt Ion:198 Resp: 77650
Ion Ratio Lower Upper
198 100
51 47.1 24.4 64.4
105 45.2 22.1 62.1

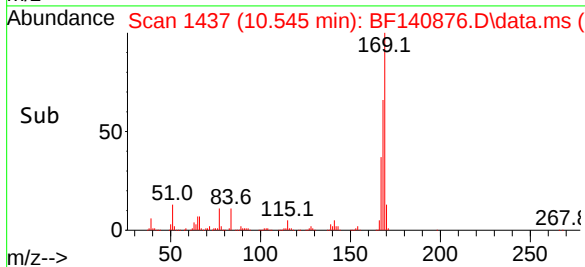
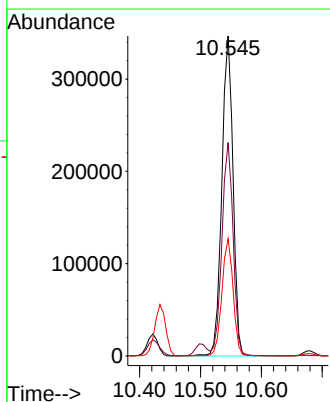
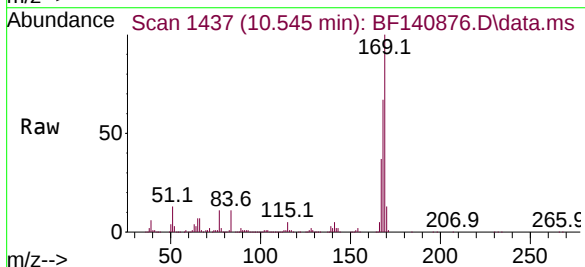
Manual Integrations
APPROVED

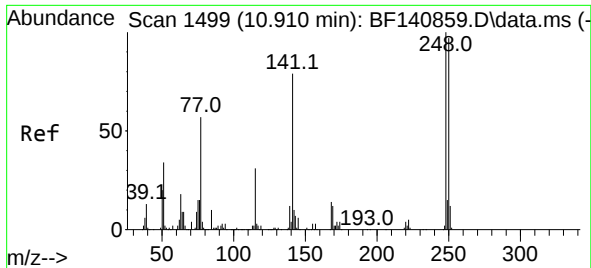
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#66
n-Nitrosodiphenylamine
Concen: 54.182 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:169 Resp: 442044
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 36.6 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 51.899 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

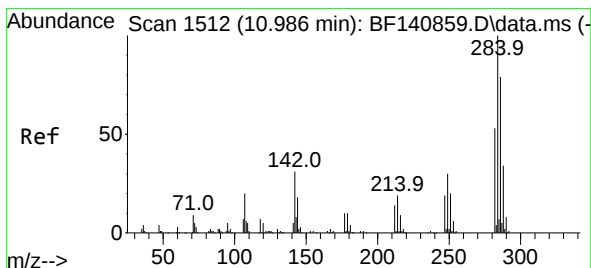
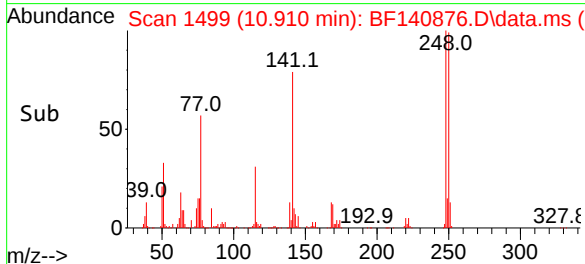
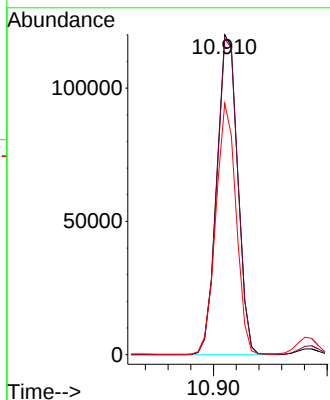
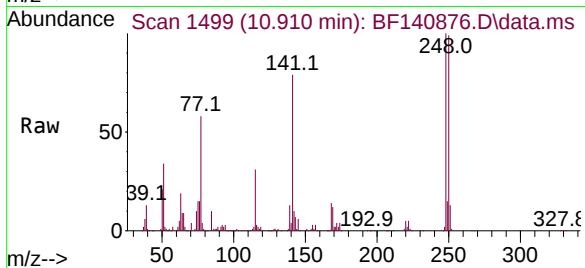
ClientSampleId :

PB165623BS

Tgt Ion:248 Resp: 15406
Ion Ratio Lower Upper
248 100
250 98.8 77.4 116.2
141 78.6 62.9 94.3

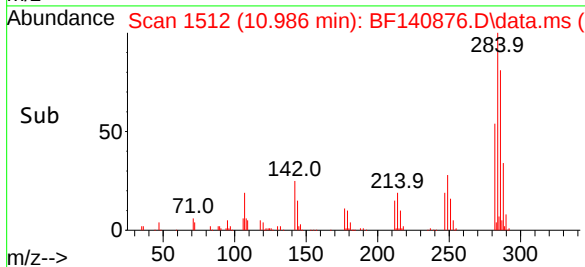
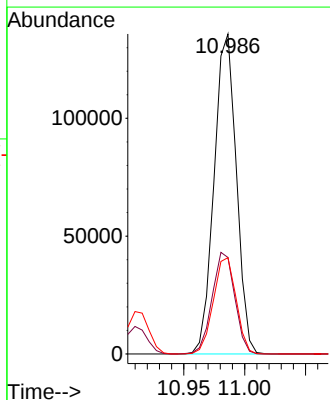
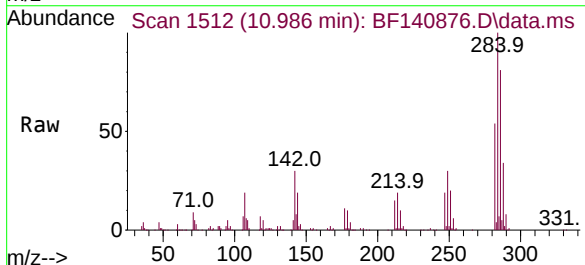
Manual Integrations
APPROVED

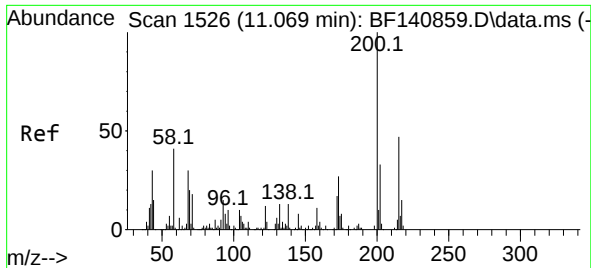
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#68
Hexachlorobenzene
Concen: 51.402 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

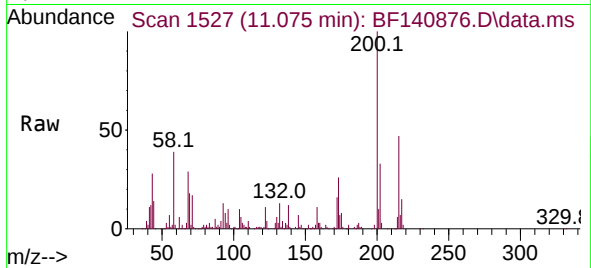
Tgt Ion:284 Resp: 173007
Ion Ratio Lower Upper
284 100
142 30.1 24.6 36.8
249 30.1 24.3 36.5





#69
 Atrazine
 Concen: 61.180 ng
 RT: 11.075 min Scan# 11075
 Delta R.T. 0.006 min
 Lab File: BF140876.D
 Acq: 17 Dec 2024 11:09

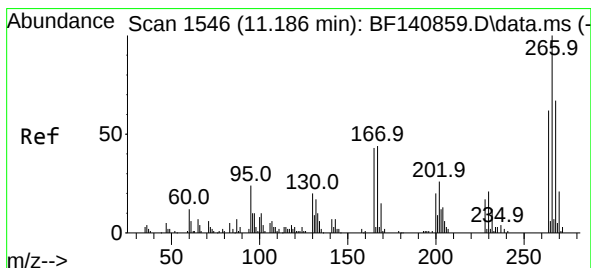
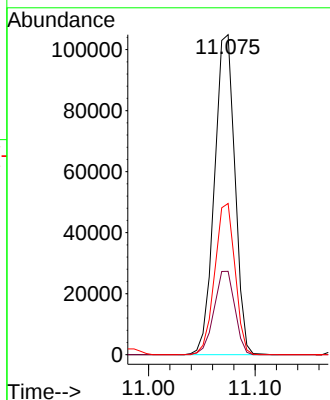
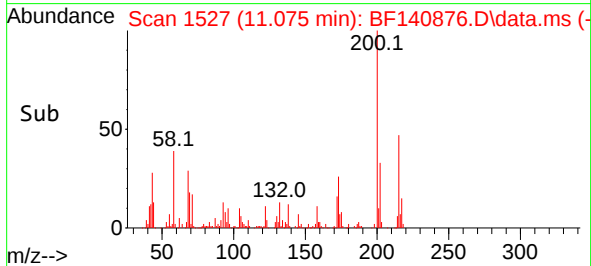
Instrument :
 BNA_F
 ClientSampleId :
 PB165623BS



Tgt Ion:200 Resp: 13940
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.6 46.6
 215 47.2 26.7 66.7

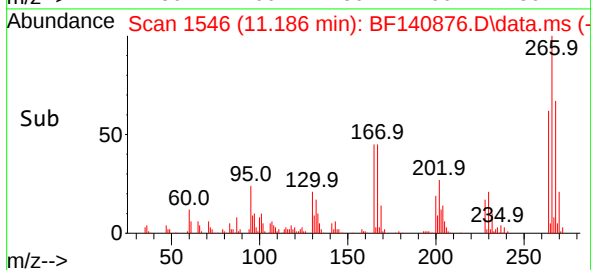
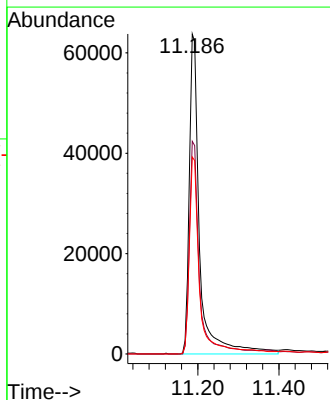
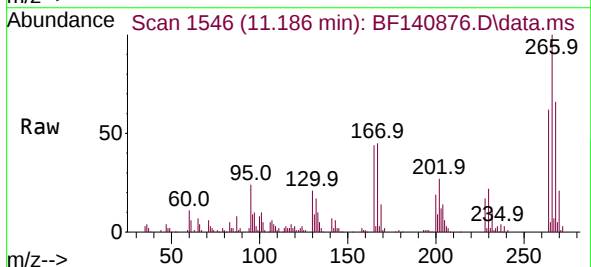
Manual Integrations
 APPROVED

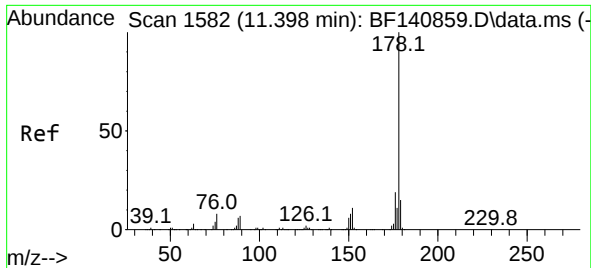
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024



#70
 Pentachlorophenol
 Concen: 91.995 ng
 RT: 11.186 min Scan# 1546
 Delta R.T. 0.000 min
 Lab File: BF140876.D
 Acq: 17 Dec 2024 11:09

Tgt Ion:266 Resp: 113205
 Ion Ratio Lower Upper
 266 100
 268 66.4 54.0 81.0
 264 61.5 49.4 74.2





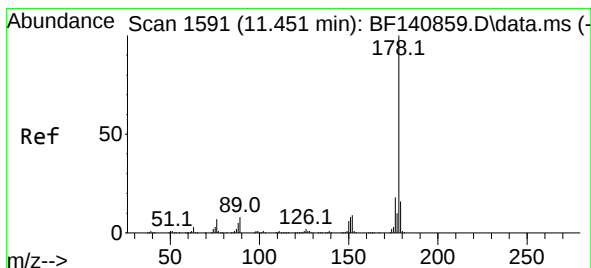
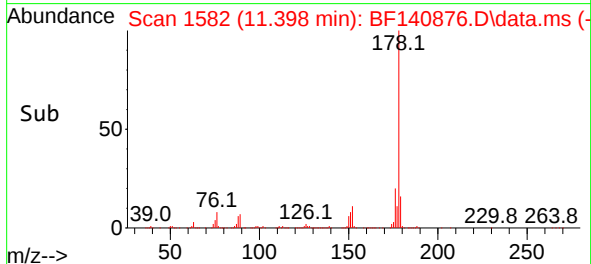
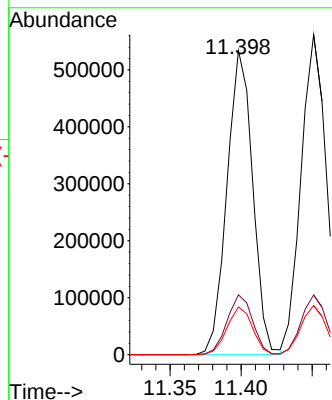
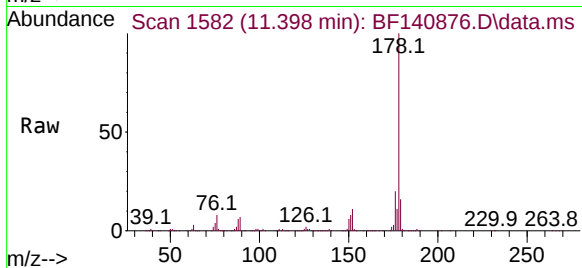
#71
Phenanthrene
Concen: 49.442 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB165623BS

Tgt Ion:178 Resp: 674680
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.7 12.1 18.1

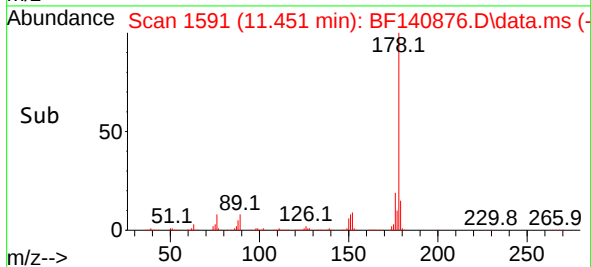
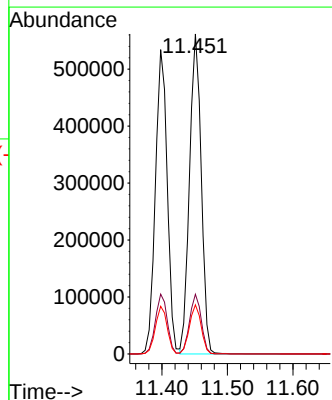
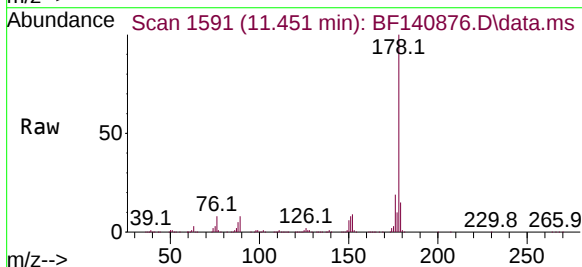
Manual Integrations
APPROVED

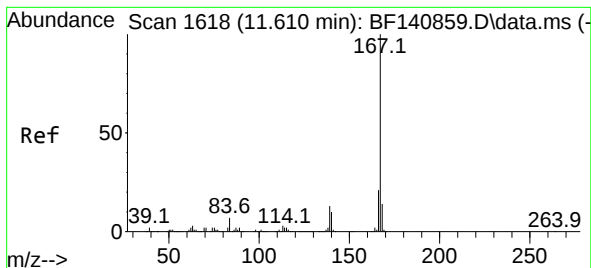
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#72
Anthracene
Concen: 51.774 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:178 Resp: 695759
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.3 12.6 18.8





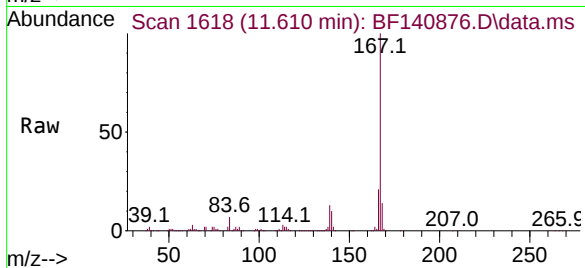
#73
 Carbazole
 Concen: 48.369 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF140876.D
 Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS



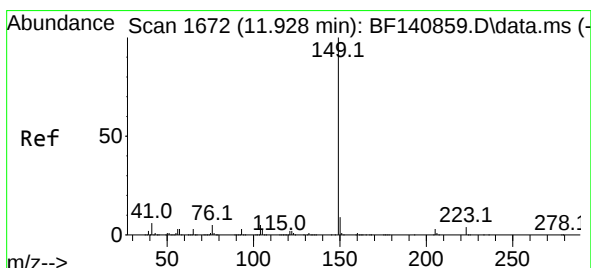
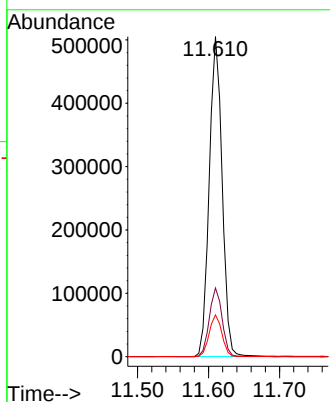
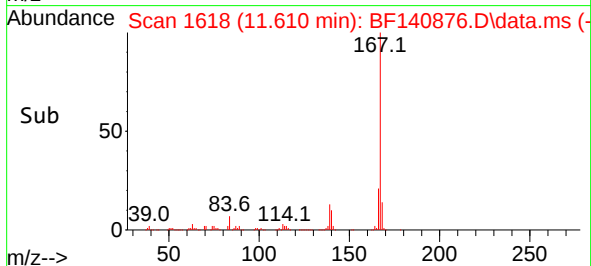
Tgt Ion:167 Resp: 636670
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.0 10.2 15.2

Manual Integrations

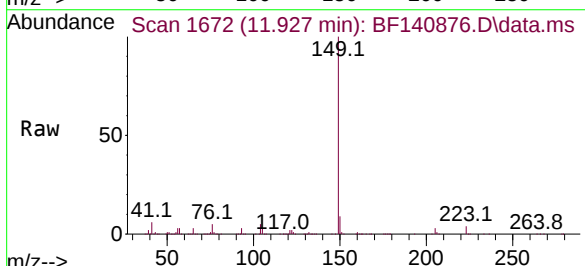
APPROVED

Reviewed By :Yogesh Patel 12/18/2024

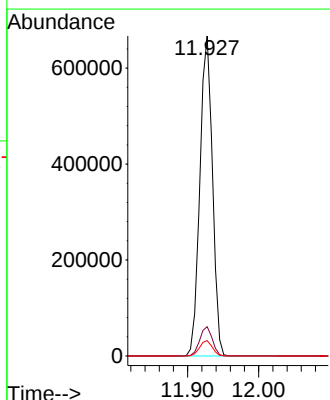
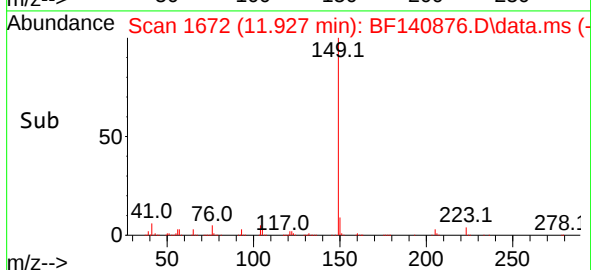
Supervised By :mohammad ahmed 12/18/2024

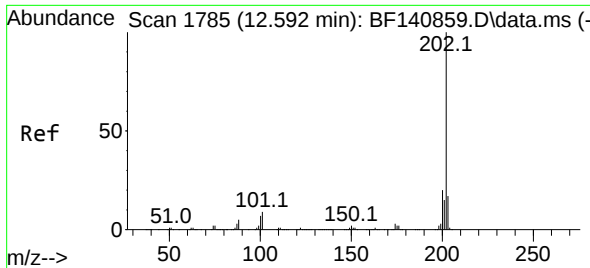


#74
 Di-n-butylphthalate
 Concen: 53.220 ng
 RT: 11.927 min Scan# 1672
 Delta R.T. -0.000 min
 Lab File: BF140876.D
 Acq: 17 Dec 2024 11:09



Tgt Ion:149 Resp: 822141
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.8 3.8 5.8





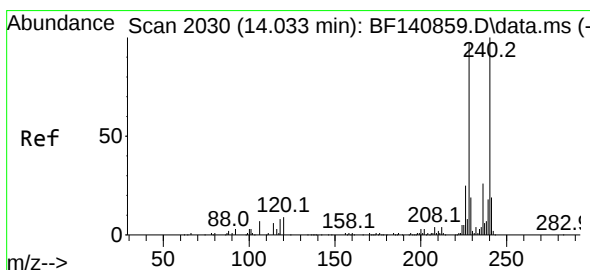
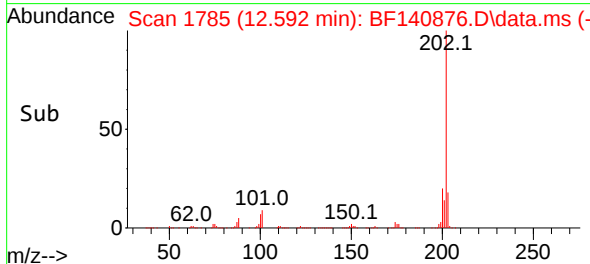
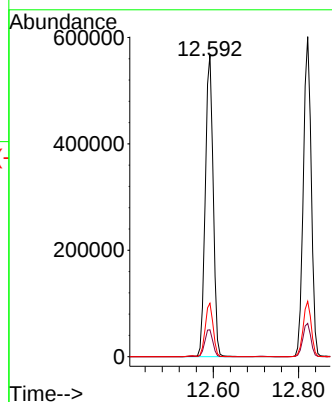
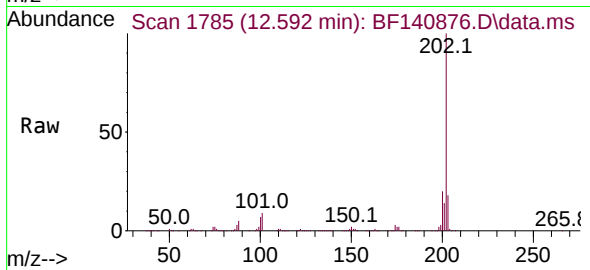
#75
Fluoranthene
Concen: 46.279 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB165623BS

Tgt Ion:202 Resp: 72728
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.3
203 17.7 0.0 37.4

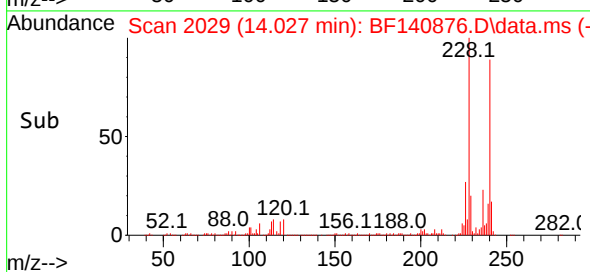
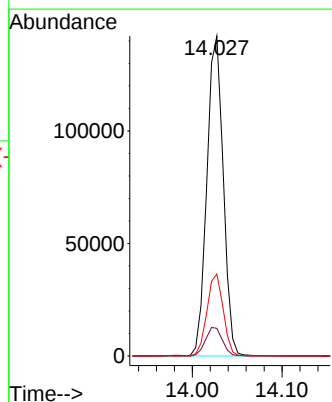
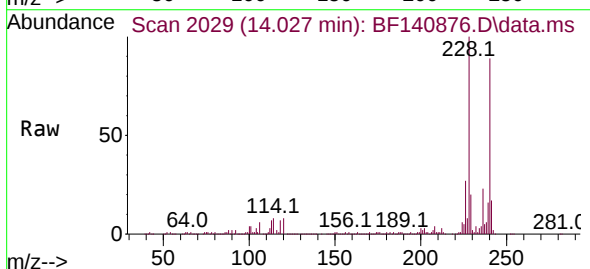
Manual Integrations
APPROVED

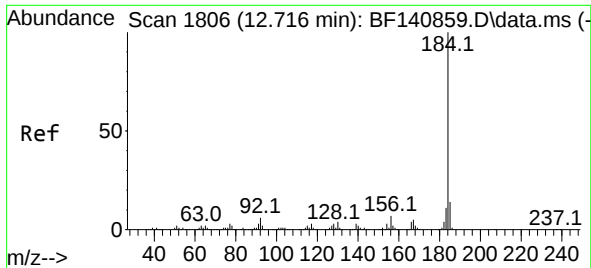
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:240 Resp: 180221
Ion Ratio Lower Upper
240 100
120 8.7 7.6 11.4
236 25.6 20.5 30.7





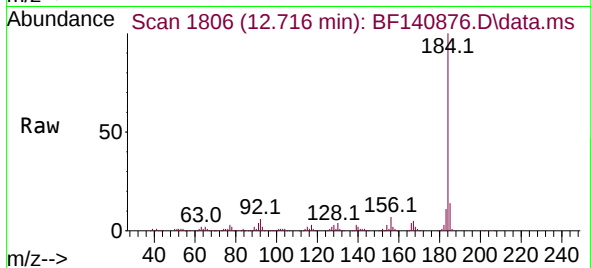
#77
Benzidine
Concen: 64.150 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS



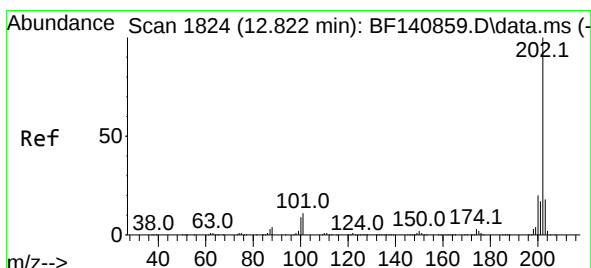
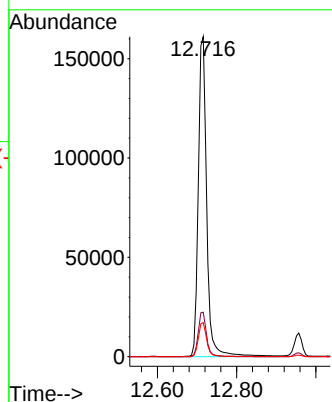
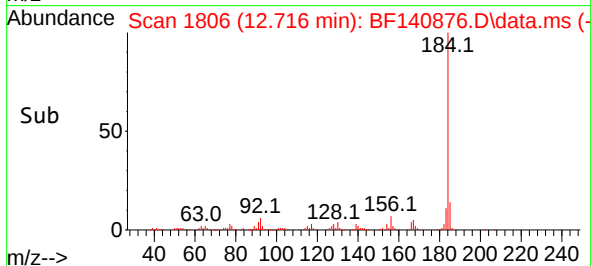
Tgt Ion:184 Resp: 235960
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 10.7 9.0 13.4

Manual Integrations

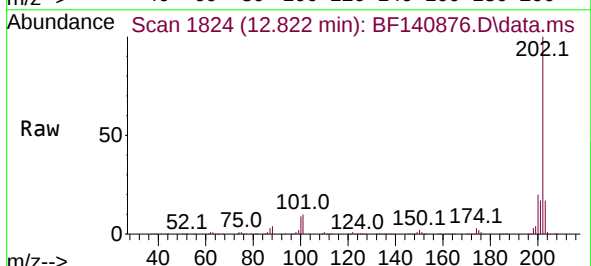
APPROVED

Reviewed By :Yogesh Patel 12/18/2024

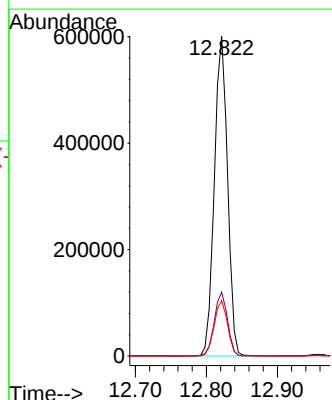
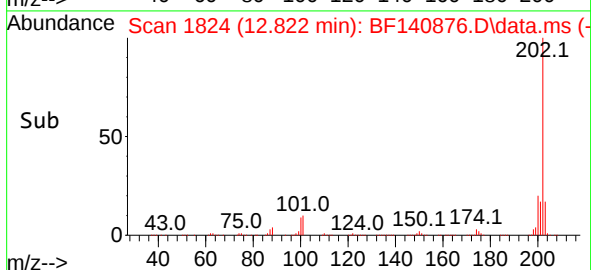
Supervised By :mohammad ahmed 12/18/2024

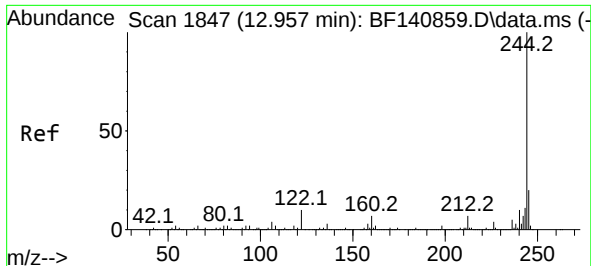


#78
Pyrene
Concen: 48.243 ng
RT: 12.822 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



Tgt Ion:202 Resp: 773155
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.3 14.2 21.4





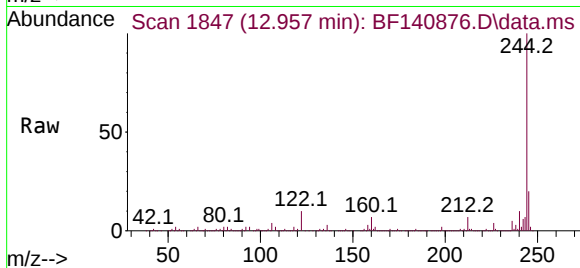
#79
 Terphenyl-d14
 Concen: 98.785 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF140876.D
 Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS



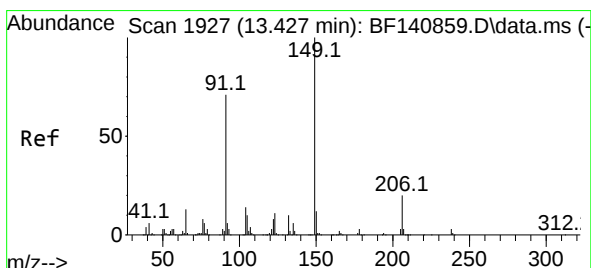
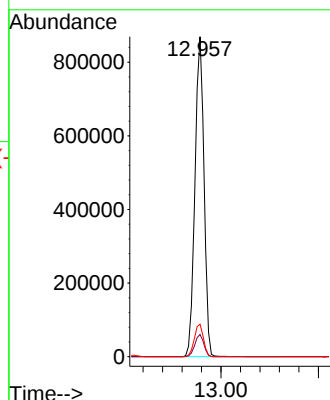
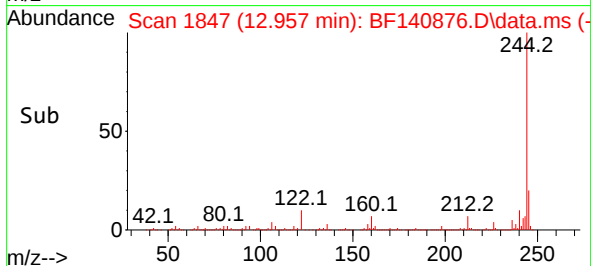
Tgt Ion:244 Resp: 112902
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.2 8.2 12.2

Manual Integrations

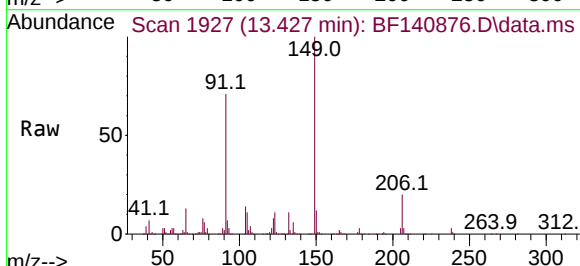
APPROVED

Reviewed By :Yogesh Patel 12/18/2024

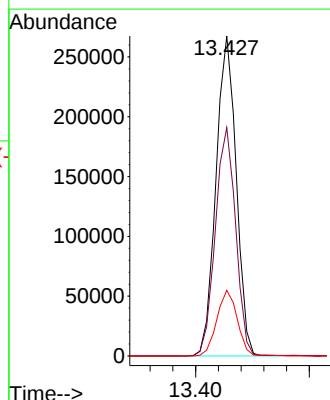
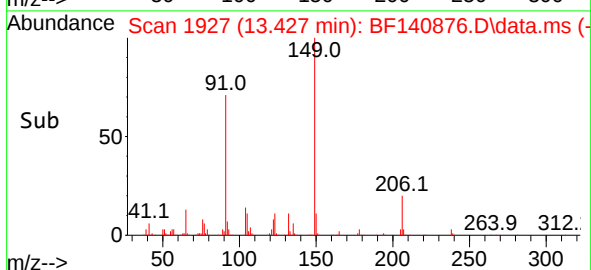
Supervised By :mohammad ahmed 12/18/2024

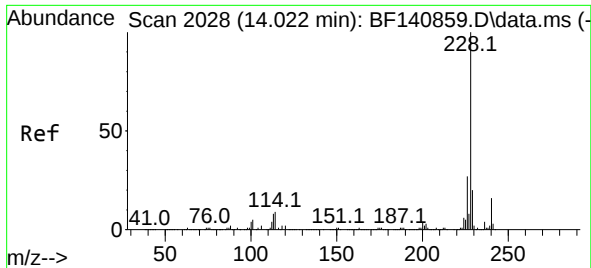


#80
 Butylbenzylphthalate
 Concen: 56.106 ng
 RT: 13.427 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: BF140876.D
 Acq: 17 Dec 2024 11:09



Tgt Ion:149 Resp: 330850
 Ion Ratio Lower Upper
 149 100
 91 71.3 56.7 85.1
 206 20.5 16.4 24.6





#81
Benzo(a)anthracene
Concen: 50.809 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

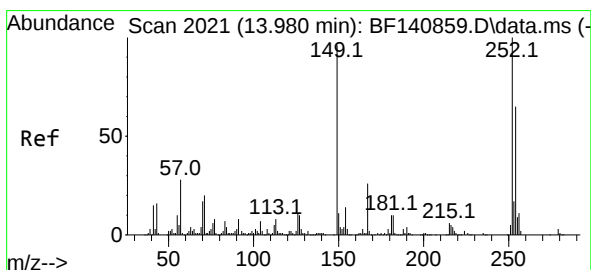
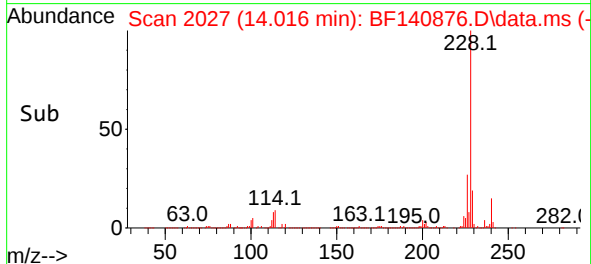
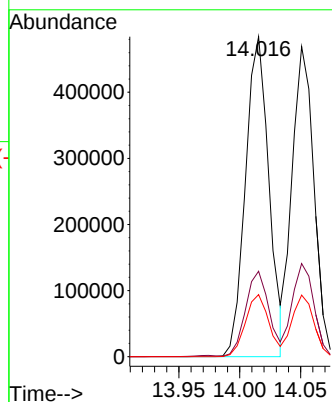
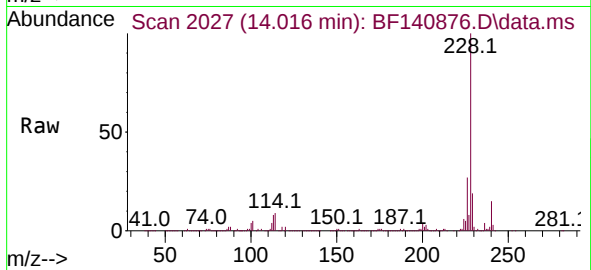
PB165623BS

Tgt Ion:228 Resp: 64897
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.4 15.8 23.8

Manual Integrations

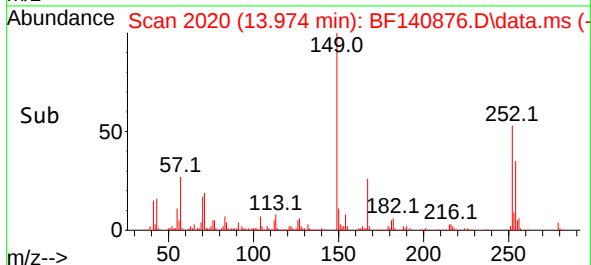
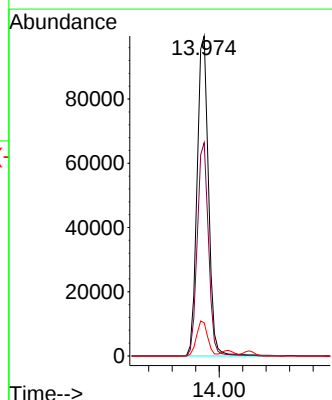
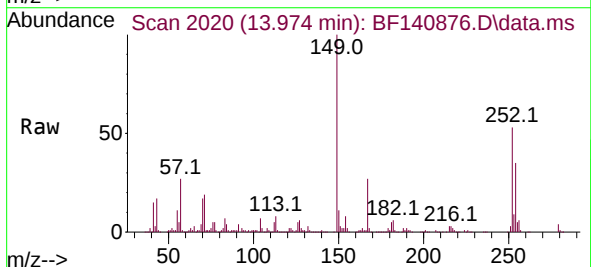
APPROVED

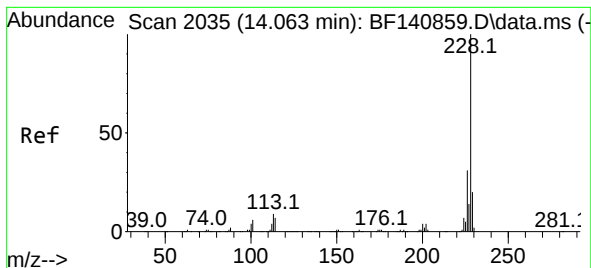
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#82
3,3'-Dichlorobenzidine
Concen: 34.719 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:252 Resp: 133796
Ion Ratio Lower Upper
252 100
254 66.7 52.3 78.5
126 10.4 8.4 12.6





#83

Chrysene

Concen: 50.565 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

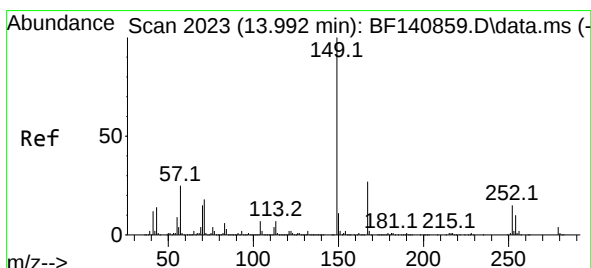
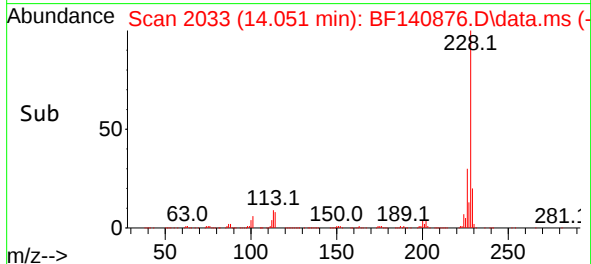
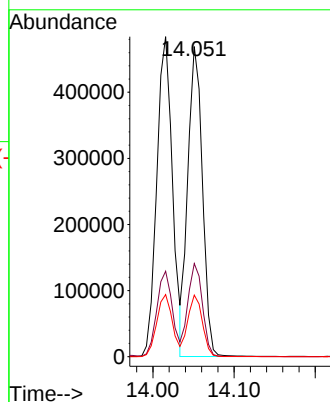
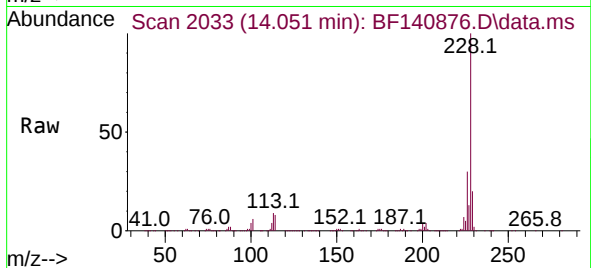
Tgt Ion:	228	Resp:	58730
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.1	36.1
229	19.9	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.541 ng

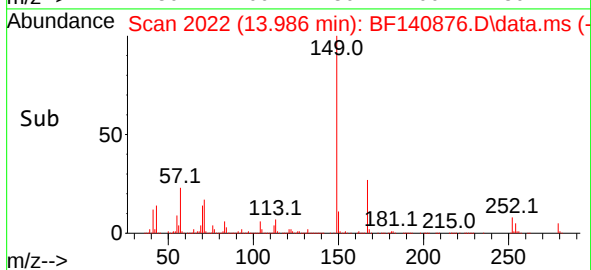
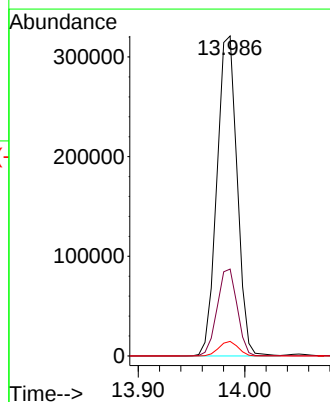
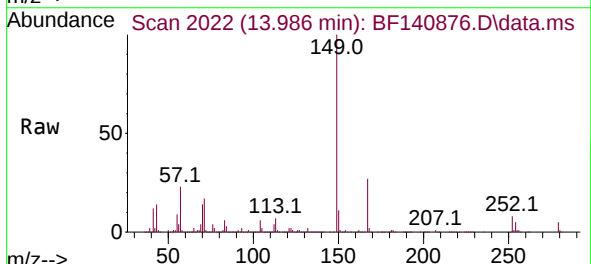
RT: 13.986 min Scan# 2022

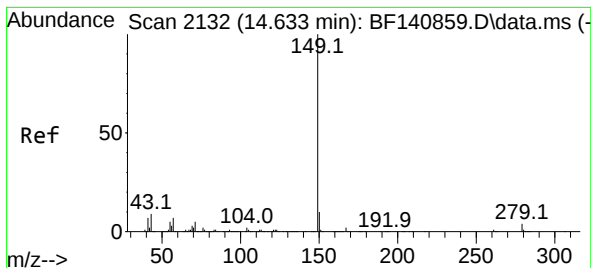
Delta R.T. -0.006 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Tgt Ion:	149	Resp:	422311
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.8	32.8
279	4.6	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 59.478 ng

RT: 14.610 min Scan# 2132

Delta R.T. -0.024 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:149 Resp: 684204

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

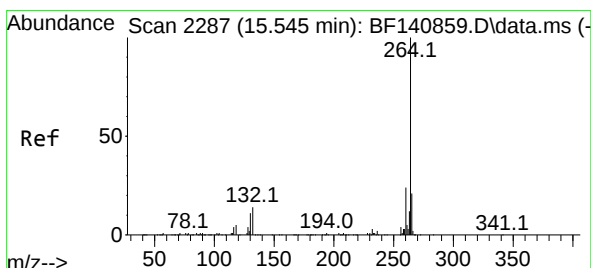
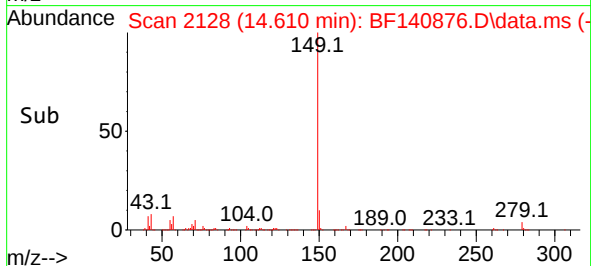
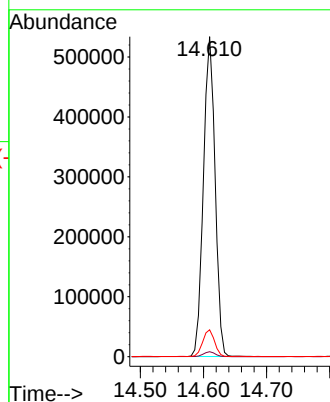
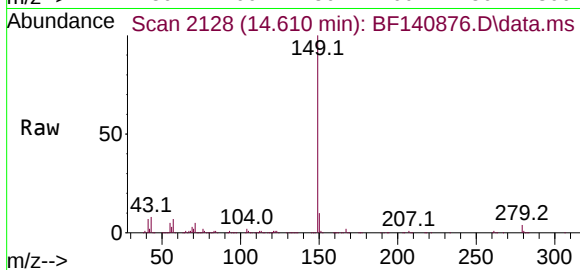
43 8.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2282

Delta R.T. -0.029 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

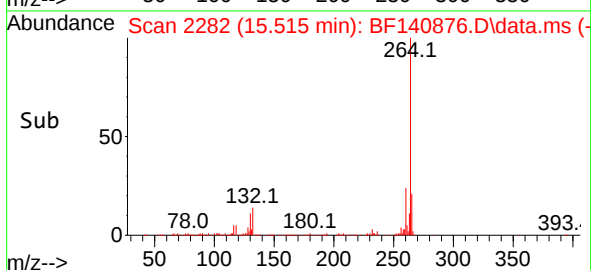
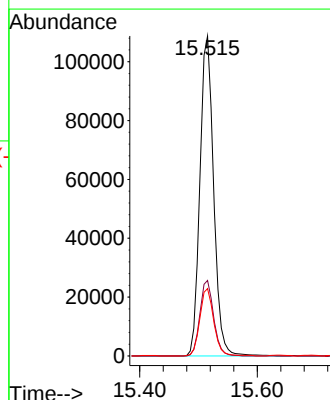
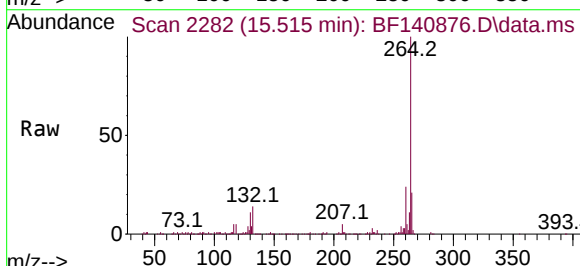
Tgt Ion:264 Resp: 176281

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.887 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:276 Resp: 581794

Ion Ratio Lower Upper

276 100

138 20.8 16.9 25.3

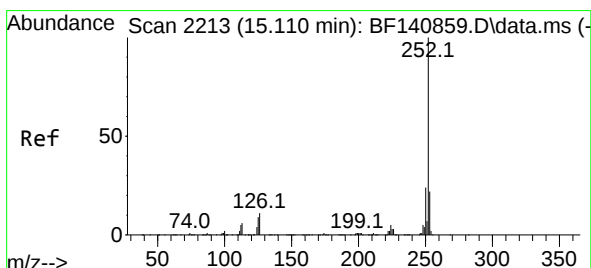
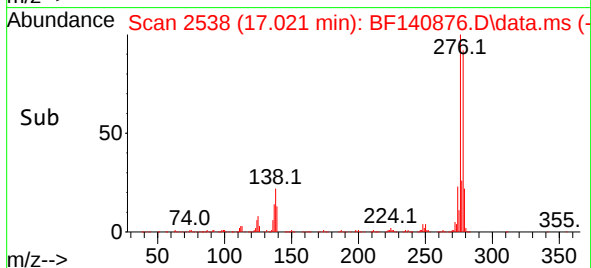
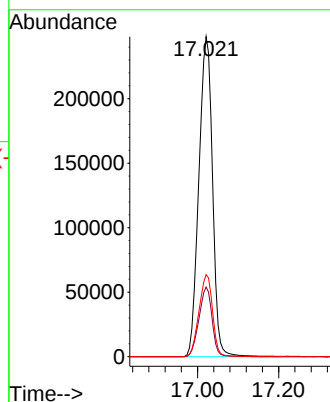
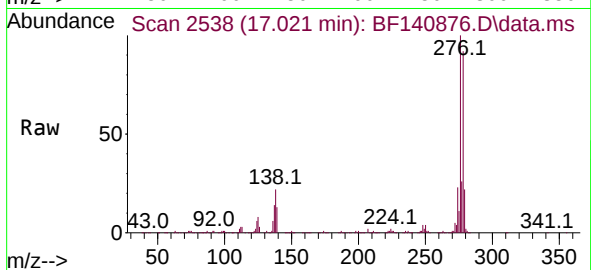
277 25.4 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#88

Benzo(b)fluoranthene

Concen: 52.953 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.030 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

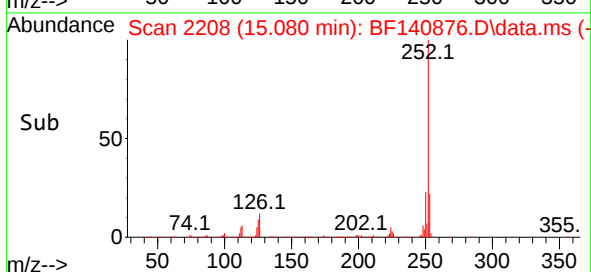
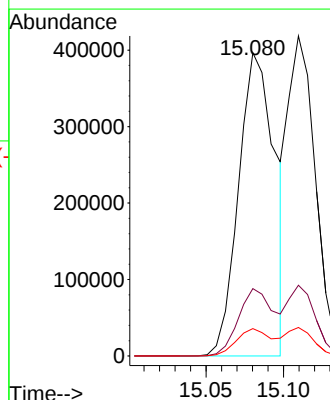
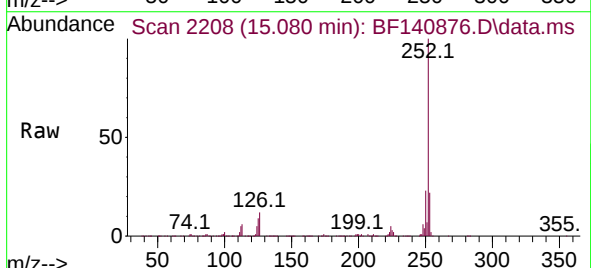
Tgt Ion:252 Resp: 647956

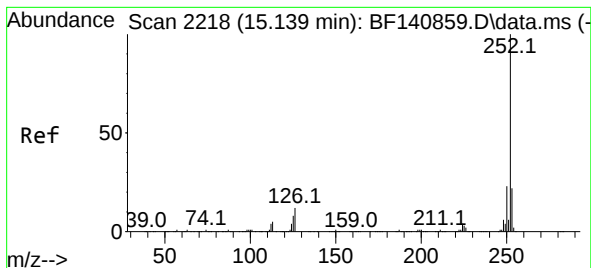
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 9.0 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 49.335 ng

RT: 15.110 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:252 Resp: 51784

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

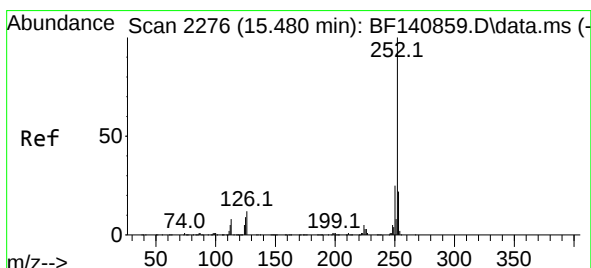
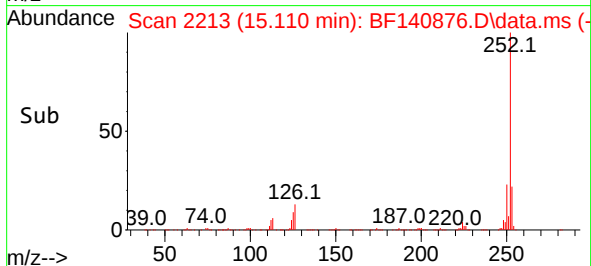
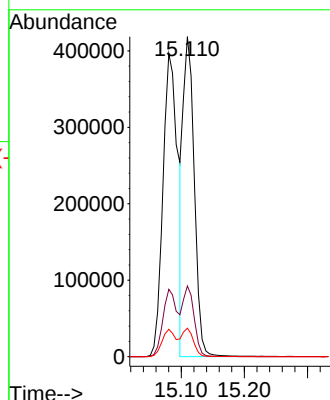
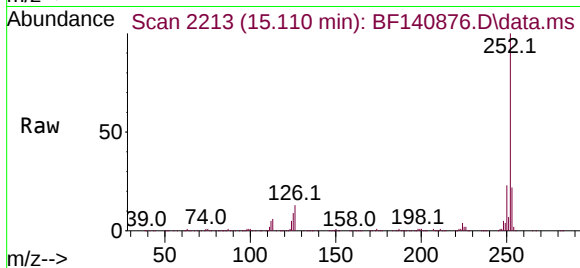
125 8.9 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#90

Benzo(a)pyrene

Concen: 52.766 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.029 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

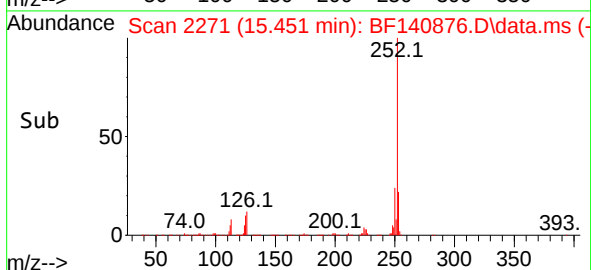
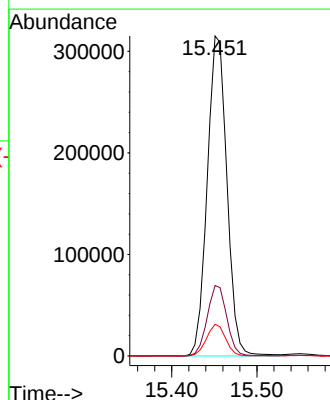
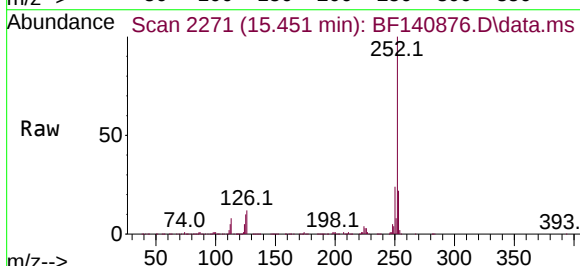
Tgt Ion:252 Resp: 505583

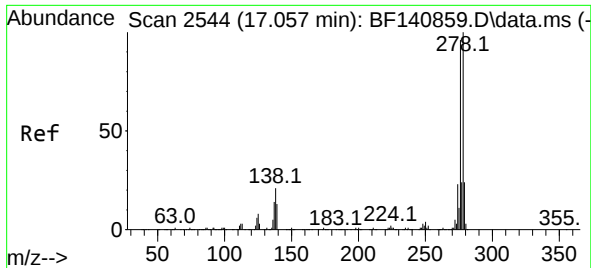
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.9 7.5 11.3





#91
Dibenzo(a,h)anthracene
Concen: 52.651 ng
RT: 17.027 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

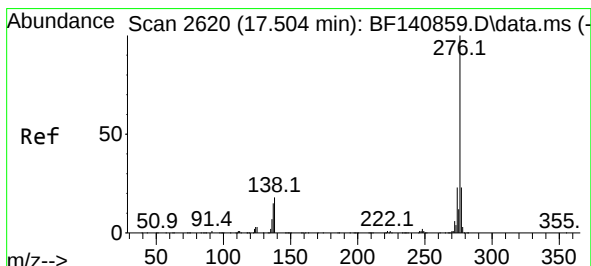
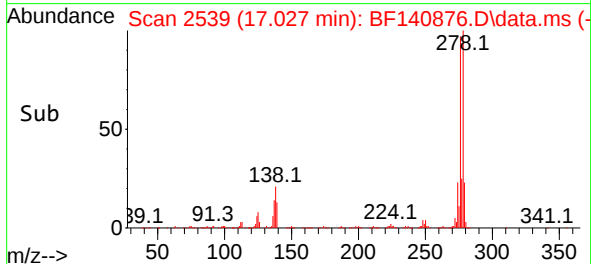
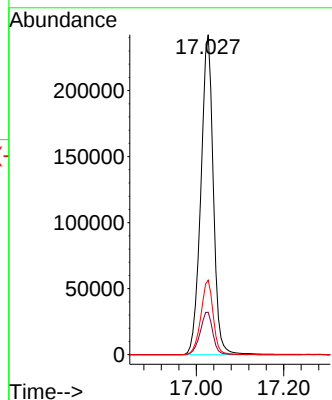
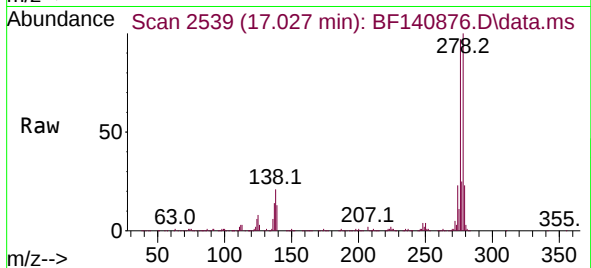
ClientSampleId :

PB165623BS

Tgt Ion:278 Resp: 479834
Ion Ratio Lower Upper
278 100
139 13.3 10.6 16.0
279 23.3 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#92
Benzo(g,h,i)perylene
Concen: 47.693 ng
RT: 17.474 min Scan# 2615
Delta R.T. -0.029 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:276 Resp: 442370
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 17.5 14.2 21.2

