

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140394.D
 Acq On : 15 Nov 2024 11:00
 Operator : RC/JU
 Sample : PB164886BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164886BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 15 11:44:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	150149	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	576878	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	316651	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	599000	20.000	ng	0.00
76) Chrysene-d12	14.068	240	344150	20.000	ng	0.02
86) Perylene-d12	15.580	264	315700	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1083525	123.211	ng	0.03
7) Phenol-d6	6.528	99	1401882	117.661	ng	0.02
23) Nitrobenzene-d5	7.439	82	931424	84.125	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	410503	130.366	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1619106	82.197	ng	0.00
79) Terphenyl-d14	12.992	244	1847948	93.205	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	144193	36.789	ng	99
3) Pyridine	3.493	79	367423	38.131	ng	99
4) n-Nitrosodimethylamine	3.451	42	208945	42.905	ng	99
6) Aniline	6.539	93	410114	39.569	ng	# 13
8) 2-Chlorophenol	6.669	128	417922	44.241	ng	98
9) Benzaldehyde	6.428	77	21505	3.012	ng	94
10) Phenol	6.539	94	513962	40.905	ng	# 68
11) bis(2-Chloroethyl)ether	6.610	93	411350	43.207	ng	99
12) 1,3-Dichlorobenzene	6.816	146	426828	40.951	ng	99
13) 1,4-Dichlorobenzene	6.892	146	435435	41.201	ng	99
14) 1,2-Dichlorobenzene	7.045	146	414513	42.249	ng	99
15) Benzyl Alcohol	7.022	79	375350	43.726	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	538924	40.982	ng	# 37
17) 2-Methylphenol	7.139	107	327492	42.143	ng	# 91
18) Hexachloroethane	7.386	117	164015	41.979	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	295881	41.118	ng	99
20) 3+4-Methylphenols	7.292	107	413437	42.542	ng	95
22) Acetophenone	7.287	105	560563	41.780	ng	99
24) Nitrobenzene	7.457	77	464908	40.329	ng	99
25) Isophorone	7.698	82	815295	41.548	ng	100
26) 2-Nitrophenol	7.775	139	223403	43.672	ng	99
27) 2,4-Dimethylphenol	7.816	122	333611m	50.939	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	491055	40.812	ng	100
29) 2,4-Dichlorophenol	8.022	162	345383	42.672	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	360873	40.047	ng	100
31) Naphthalene	8.181	128	1204408	41.157	ng	100
32) Benzoic acid	7.945	122	249229	43.248	ng	96
33) 4-Chloroaniline	8.228	127	318749	31.320	ng	99
34) Hexachlorobutadiene	8.292	225	232791	40.545	ng	99
35) Caprolactam	8.598	113	118992m	44.232	ng	
36) 4-Chloro-3-methylphenol	8.722	107	382581	42.653	ng	99
37) 2-Methylnaphthalene	8.869	142	779061	41.518	ng	100
38) 1-Methylnaphthalene	8.969	142	715970	38.964	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	366912	41.902	ng	99
41) Hexachlorocyclopentadiene	9.022	237	382182	169.991	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	247125	43.004	ng	99

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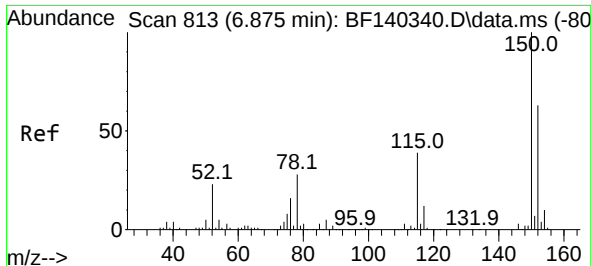
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	266023	42.341	ng	97
46) 1,1'-Biphenyl	9.333	154	950078	41.243	ng	99
47) 2-Chloronaphthalene	9.363	162	719286	40.989	ng	99
48) 2-Nitroaniline	9.463	65	258271	44.379	ng	100
49) Acenaphthylene	9.780	152	1195706	45.036	ng	100
50) Dimethylphthalate	9.639	163	882347	42.750	ng	99
51) 2,6-Dinitrotoluene	9.698	165	195426	41.533	ng	98
52) Acenaphthene	9.951	154	868744m	48.445	ng	
53) 3-Nitroaniline	9.875	138	163085	33.003	ng	99
54) 2,4-Dinitrophenol	9.980	184	234698	96.725	ng	97
55) Dibenzofuran	10.122	168	1099605	43.316	ng	100
56) 4-Nitrophenol	10.051	139	320998	89.058	ng	98
57) 2,4-Dinitrotoluene	10.110	165	272858	44.061	ng	98
58) Fluorene	10.469	166	843339	42.053	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	232266	46.820	ng	97
60) Diethylphthalate	10.333	149	892587	42.293	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	410580	41.470	ng	98
62) 4-Nitroaniline	10.492	138	220910	43.722	ng	100
63) Azobenzene	10.616	77	878054	42.107	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	157937	49.007	ng	99
66) n-Nitrosodiphenylamine	10.575	169	755732	43.666	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	252075	42.099	ng	99
68) Hexachlorobenzene	11.016	284	284843	42.281	ng	97
69) Atrazine	11.104	200	183883	35.118	ng	100
70) Pentachlorophenol	11.216	266	302760	83.428	ng	99
71) Phenanthrene	11.433	178	1229610	43.699	ng	100
72) Anthracene	11.480	178	1249524	45.310	ng	100
73) Carbazole	11.639	167	1169783	42.959	ng	100
74) Di-n-butylphthalate	11.963	149	1351711	41.360	ng	100
75) Fluoranthene	12.621	202	1327049	42.037	ng	100
77) Benzidine	12.739	184	244785	18.532	ng	98
78) Pyrene	12.851	202	1358443	46.147	ng	99
80) Butylbenzylphthalate	13.463	149	522743	46.226	ng	99
81) Benzo(a)anthracene	14.051	228	1036279	45.816	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	275560	38.330	ng	98
83) Chrysene	14.092	228	927679	44.951	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	669927	44.383	ng	100
85) Di-n-octyl phthalate	14.680	149	928629	43.682	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	897189	46.006	ng	99
88) Benzo(b)fluoranthene	15.145	252	796026	38.546	ng	99
89) Benzo(k)fluoranthene	15.174	252	788699	46.749	ng	100
90) Benzo(a)pyrene	15.521	252	748285	46.659	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	729963	45.283	ng	100
92) Benzo(g,h,i)perylene	17.556	276	683162	41.454	ng	100

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



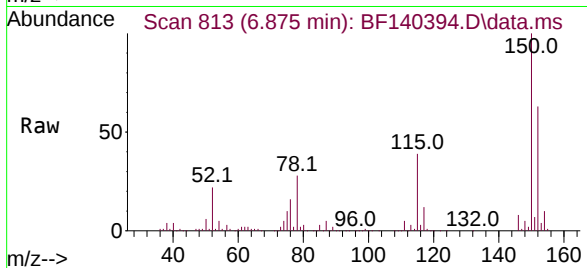
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

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PB164886BS



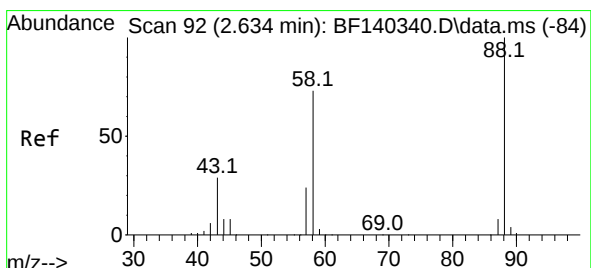
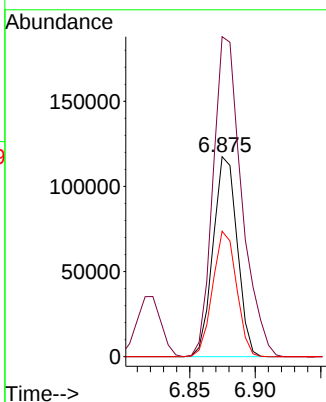
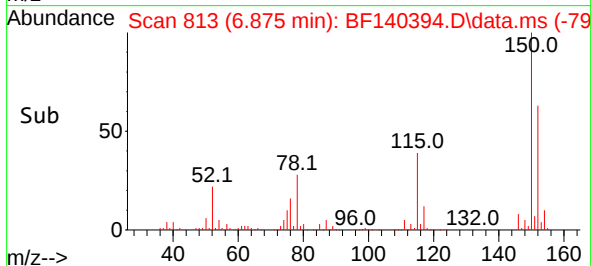
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Ion Ratio Lower Upper
152 100
150 159.9 127.4 191.0
115 62.7 47.4 71.2

Manual Integrations

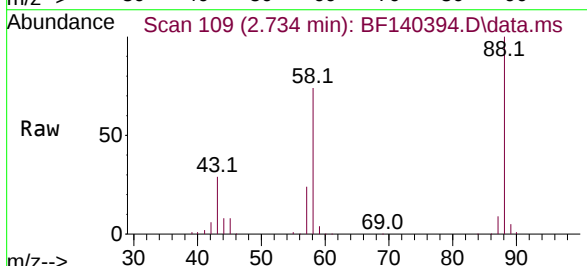
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Reviewed By :Yogesh Patel 11/18/2024

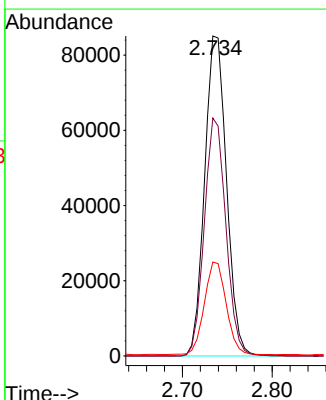
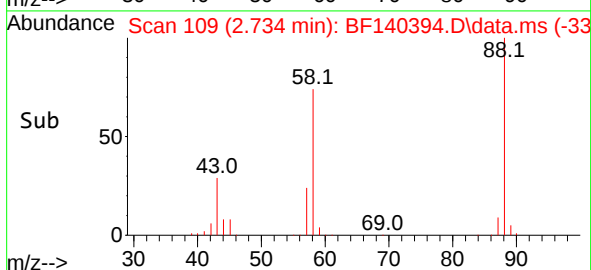
Supervised By :mohammad ahmed 11/18/2024

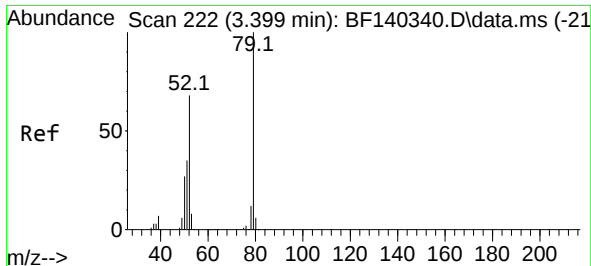


#2
1,4-Dioxane
Concen: 36.789 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.100 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



Tgt Ion: 88 Resp: 144193
Ion Ratio Lower Upper
88 100
58 73.4 59.5 89.3
43 28.9 23.4 35.2





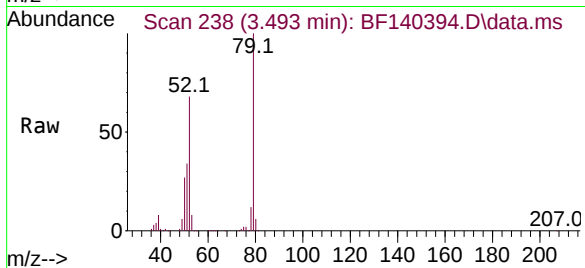
#3
Pyridine
Concen: 38.131 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

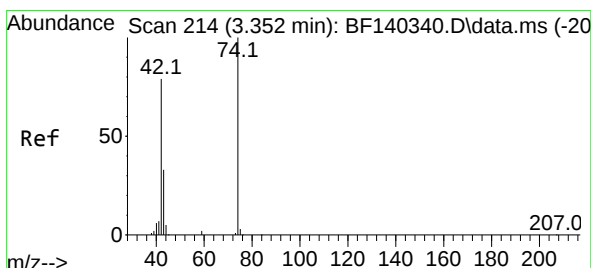
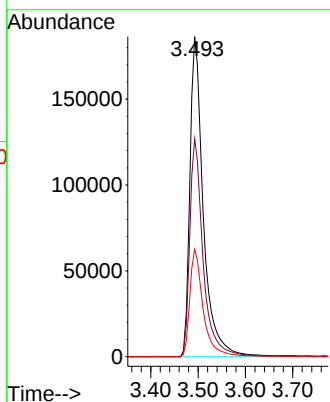
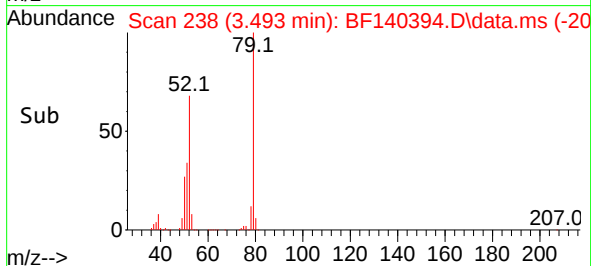
PB164886BS



Tgt Ion: 79 Resp: 36742
Ion Ratio Lower Upper
79 100
52 68.1 53.8 80.6
51 33.5 27.3 40.9

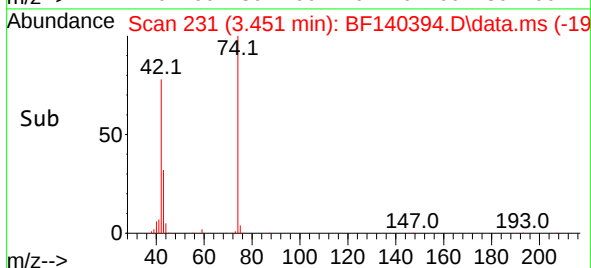
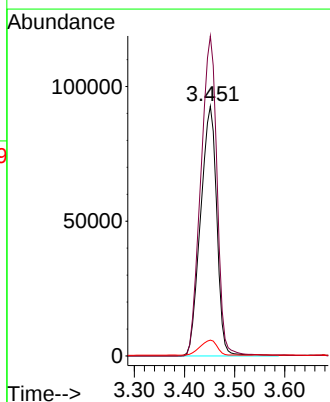
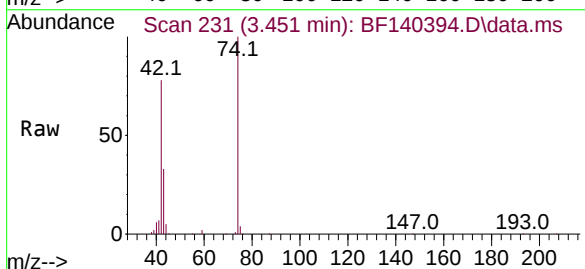
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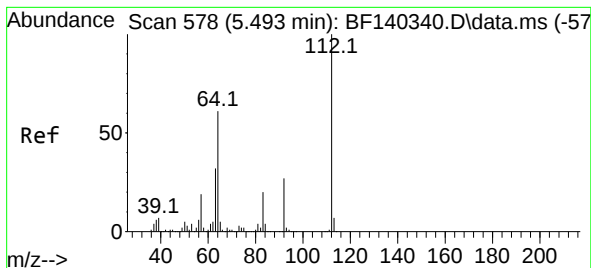
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#4
n-Nitrosodimethylamine
Concen: 42.905 ng
RT: 3.451 min Scan# 231
Delta R.T. 0.094 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Tgt Ion: 42 Resp: 208945
Ion Ratio Lower Upper
42 100
74 128.2 103.5 155.3
44 6.4 5.1 7.7





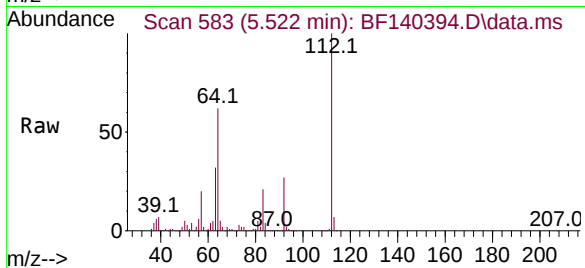
#5
2-Fluorophenol
Concen: 123.211 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

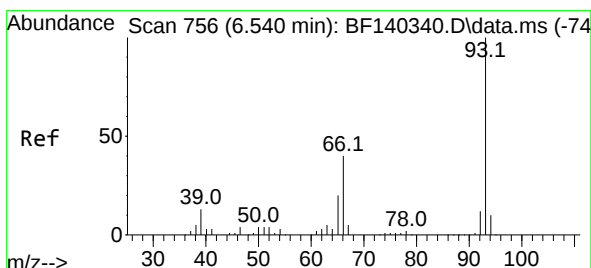
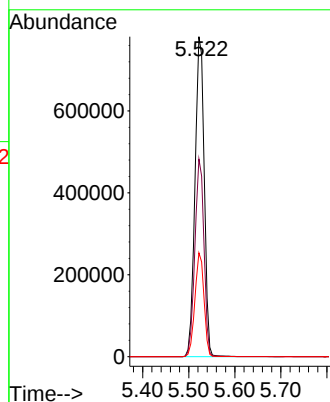
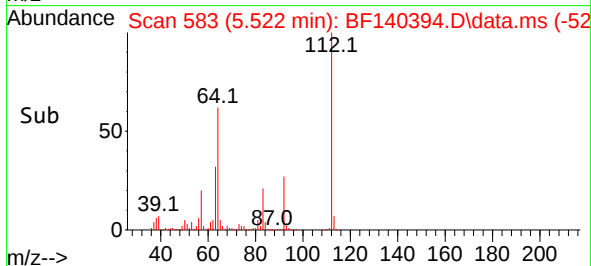
PB164886BS



Tgt Ion:112 Resp: 108352
Ion Ratio Lower Upper
112 100
64 61.8 49.2 73.8
63 32.5 25.6 38.4

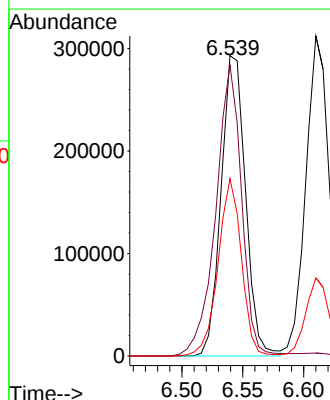
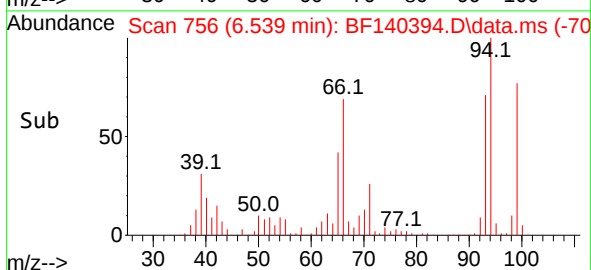
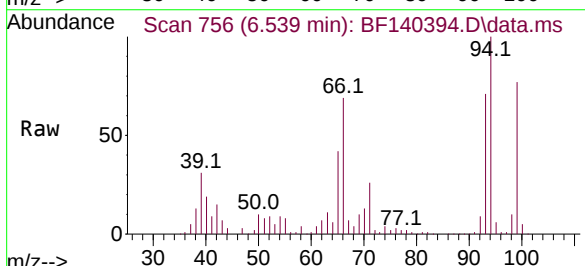
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#6
Aniline
Concen: 39.569 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Tgt Ion: 93 Resp: 410114
Ion Ratio Lower Upper
93 100
66 96.9 32.8 49.2#
65 59.0 16.6 25.0#





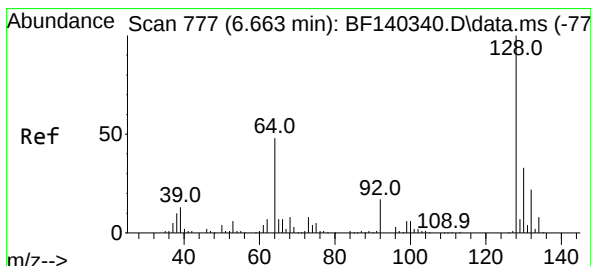
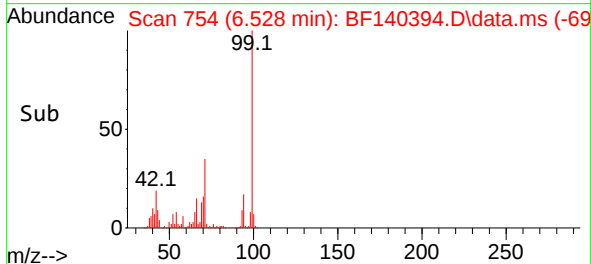
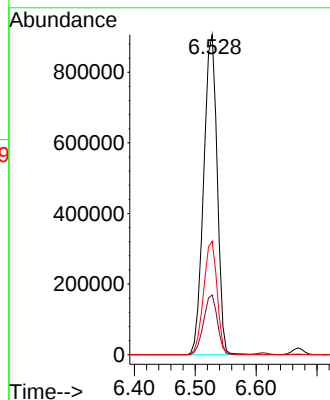
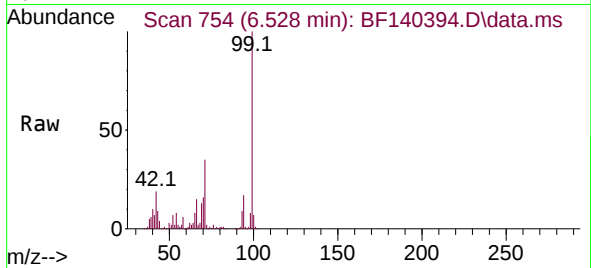
#7
Phenol-d6
Concen: 117.661 ng
RT: 6.528 min Scan# 710
Delta R.T. 0.023 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :
BNA_F
ClientSampleId :
PB164886BS

Tgt Ion: 99 Resp: 140188
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 35.4 27.9 41.9

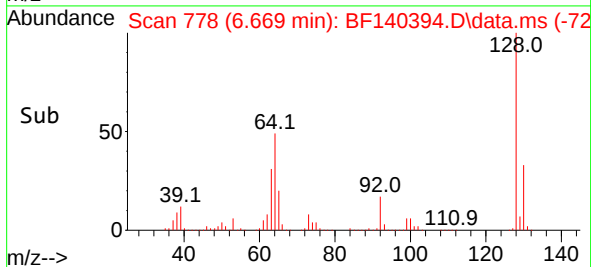
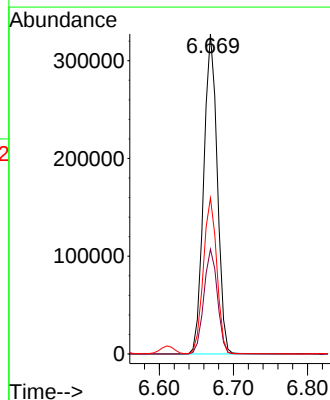
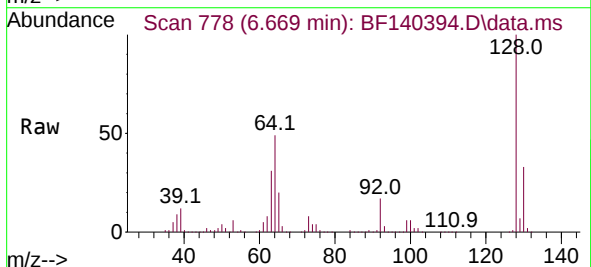
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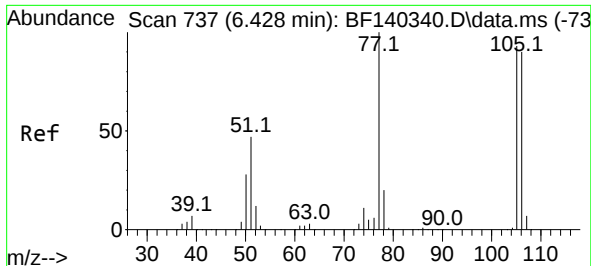
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#8
2-Chlorophenol
Concen: 44.241 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

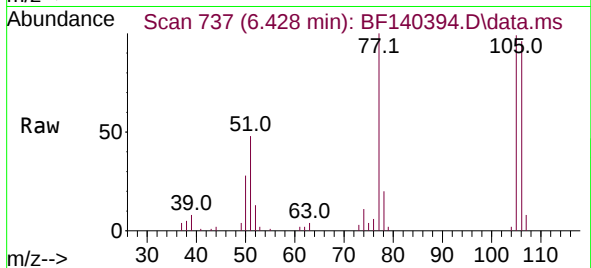
Tgt Ion:128 Resp: 417922
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 48.7 30.2 70.2





#9
Benzaldehyde
Concen: 3.012 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

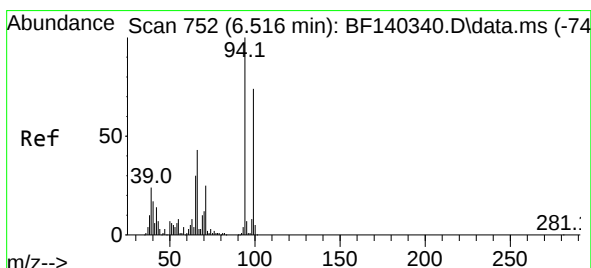
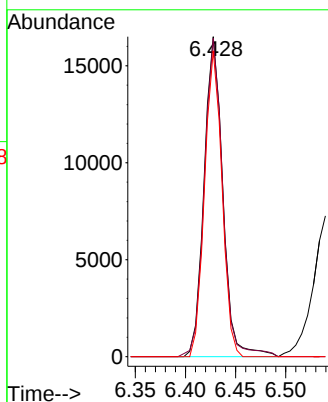
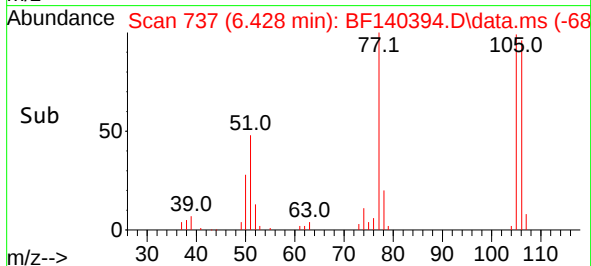
Instrument :
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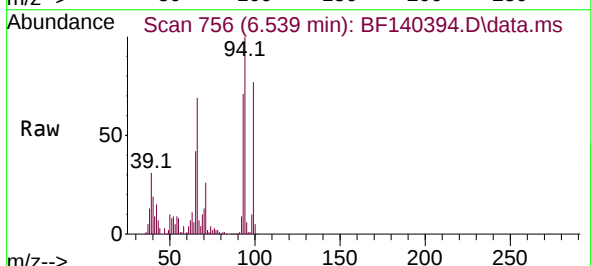
Tgt Ion: 77 Resp: 2150
Ion Ratio Lower Upper
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106 95.6 69.9 109.9

Manual Integrations
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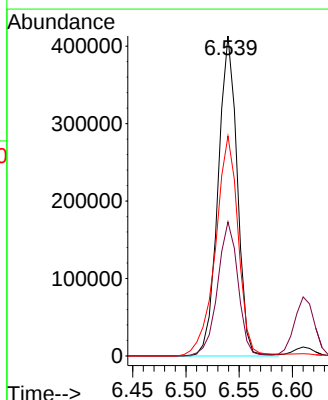
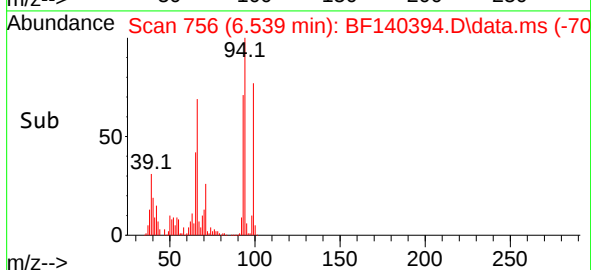
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#10
Phenol
Concen: 40.905 ng
RT: 6.539 min Scan# 756
Delta R.T. 0.018 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



Tgt Ion: 94 Resp: 513962
Ion Ratio Lower Upper
94 100
65 41.9 10.4 50.4
66 68.7 22.9 62.9#





#11
bis(2-Chloroethyl)ether
Concen: 43.207 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

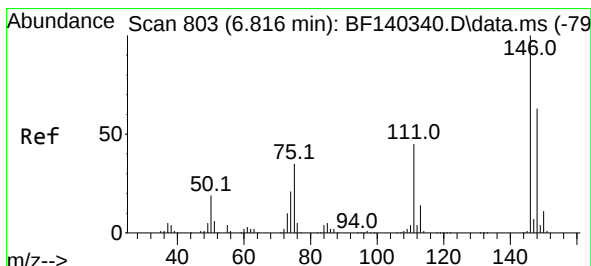
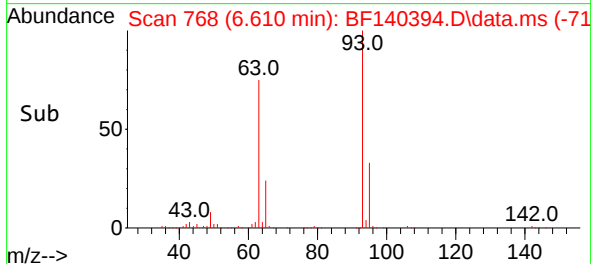
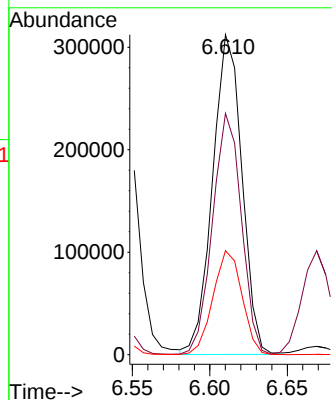
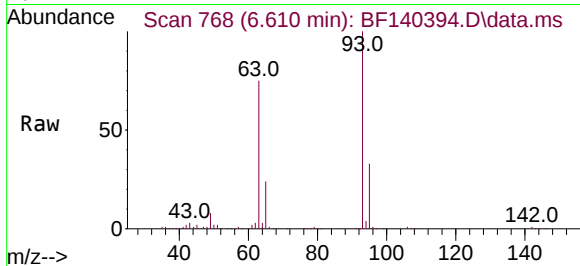
ClientSampleId :

PB164886BS

Tgt Ion: 93 Resp: 411350
Ion Ratio Lower Upper
93 100
63 75.4 54.0 94.0
95 32.5 12.9 52.9

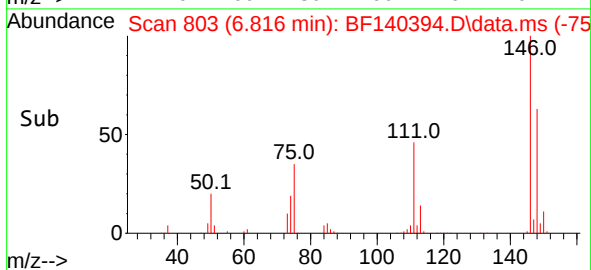
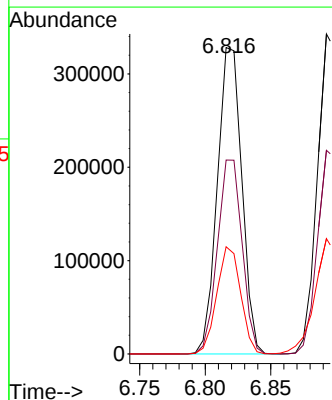
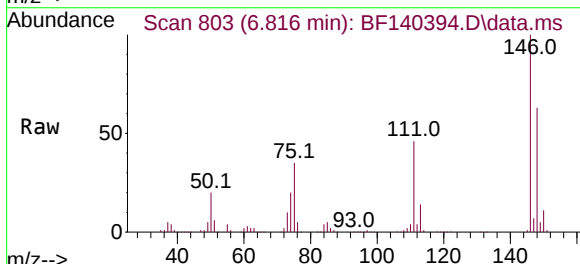
Manual Integrations
APPROVED

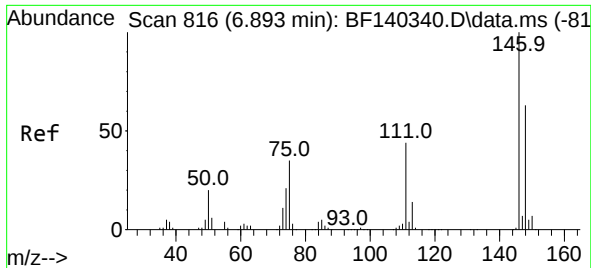
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#12
1,3-Dichlorobenzene
Concen: 40.951 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Tgt Ion:146 Resp: 426828
Ion Ratio Lower Upper
146 100
148 63.3 50.7 76.1
75 35.0 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 41.201 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

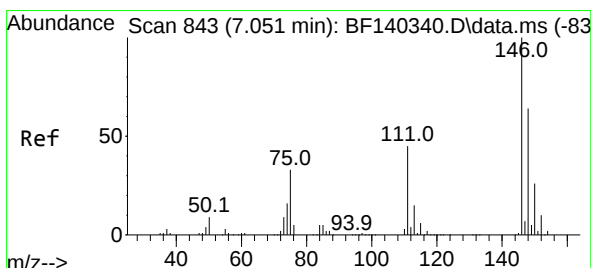
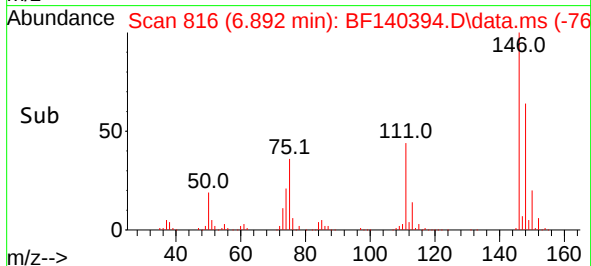
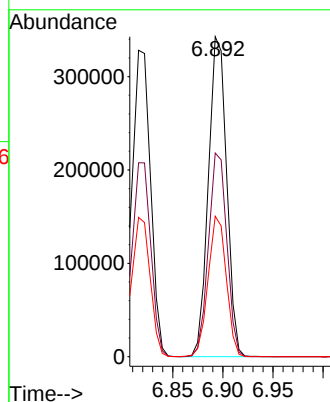
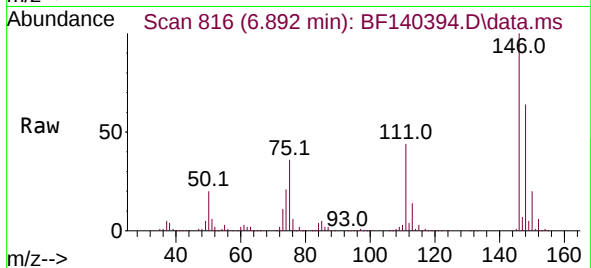
PB164886BS

Tgt Ion:146 Resp: 435435
Ion Ratio Lower Upper
146 100
148 63.6 50.8 76.2
111 43.9 34.2 51.2

Manual Integrations

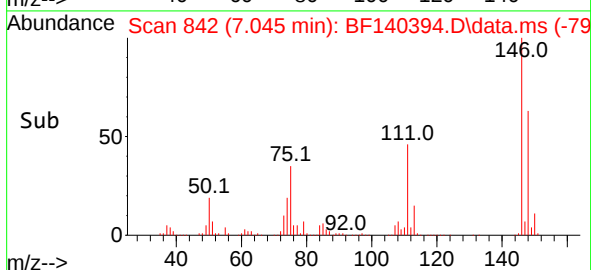
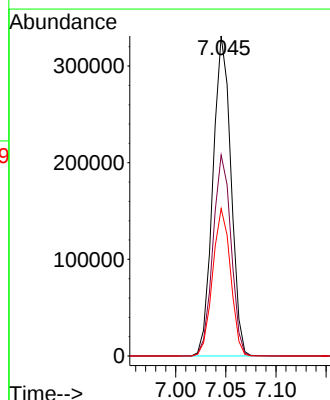
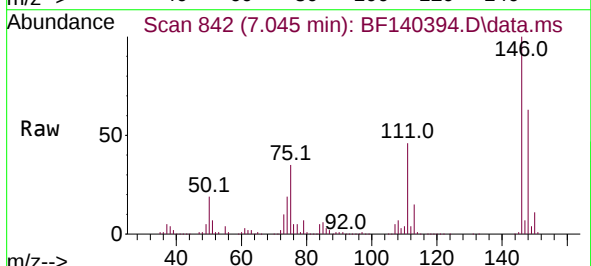
APPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#14
1,2-Dichlorobenzene
Concen: 42.249 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

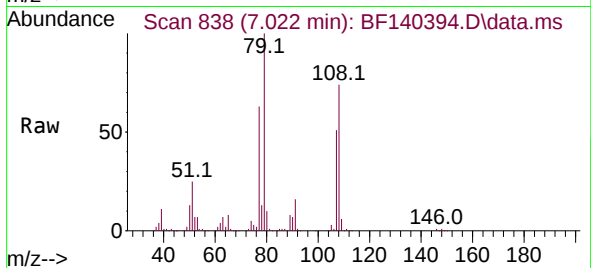
Tgt Ion:146 Resp: 414513
Ion Ratio Lower Upper
146 100
148 62.8 51.2 76.8
111 46.0 36.5 54.7





#15
Benzyl Alcohol
Concen: 43.726 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

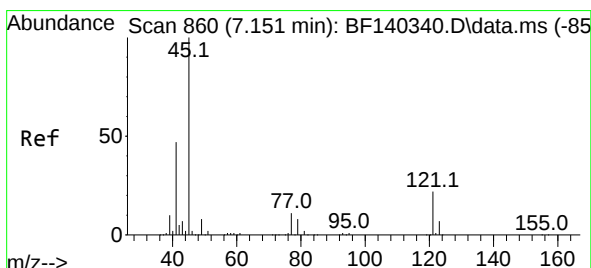
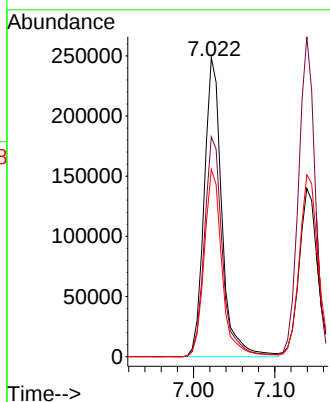
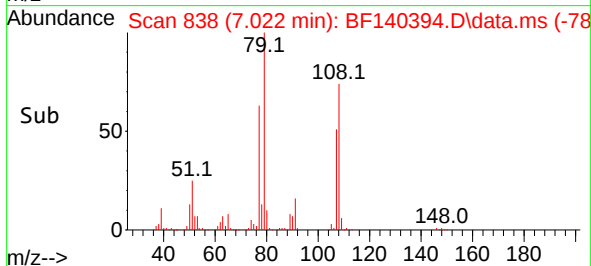
Instrument :
BNA_F
ClientSampleId :
PB164886BS



Tgt Ion: 79 Resp: 375350
Ion Ratio Lower Upper
79 100
108 73.6 57.8 86.6
77 62.7 49.8 74.6

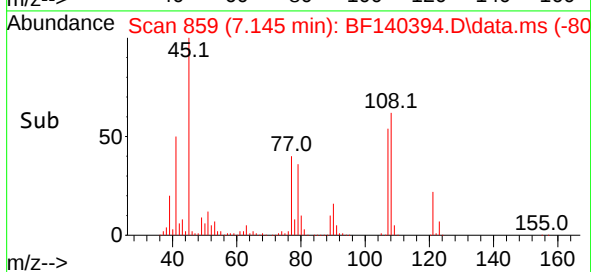
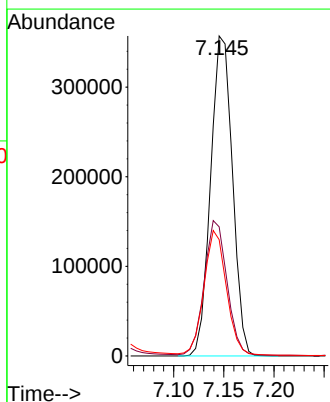
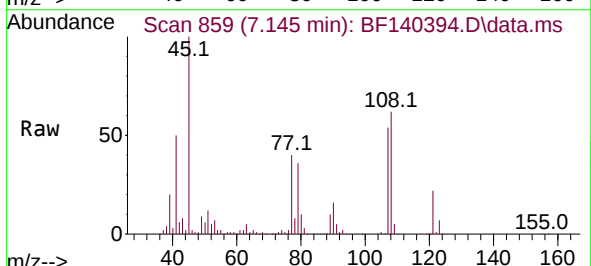
Manual Integrations
APPROVED

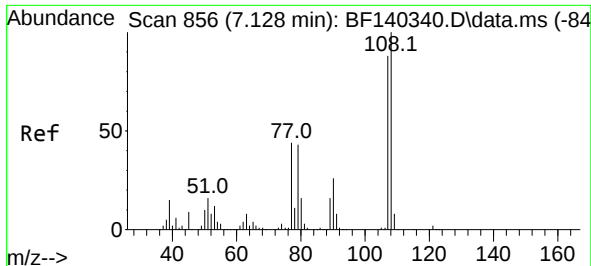
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.982 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Tgt Ion: 45 Resp: 538924
Ion Ratio Lower Upper
45 100
77 40.3 0.0 34.8#
79 36.3 0.0 31.4#





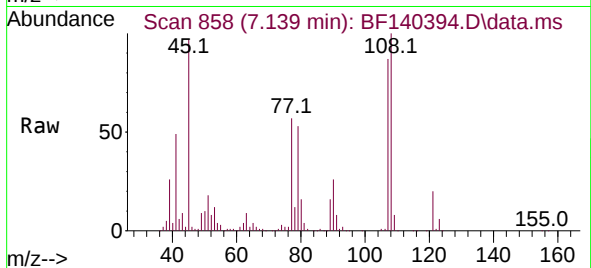
#17
2-Methylphenol
Concen: 42.143 ng
RT: 7.139 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

PB164886BS

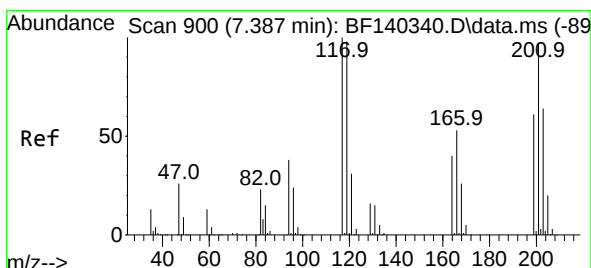
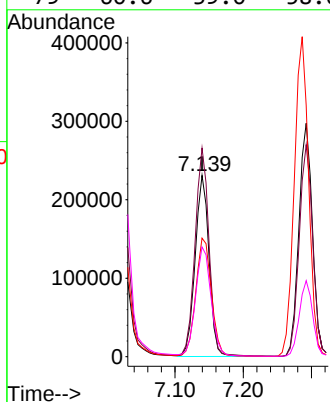
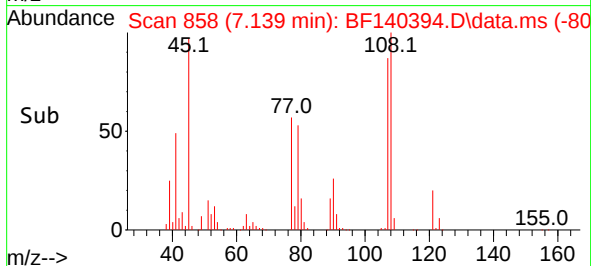


Tgt Ion:107 Resp: 327492
Ion Ratio Lower Upper
107 100
108 115.1 91.9 137.9
77 65.4 39.7 59.5
79 60.6 39.0 58.6#

Manual Integrations

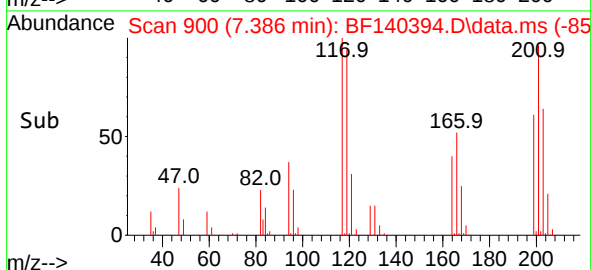
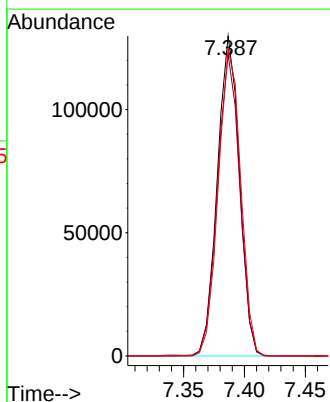
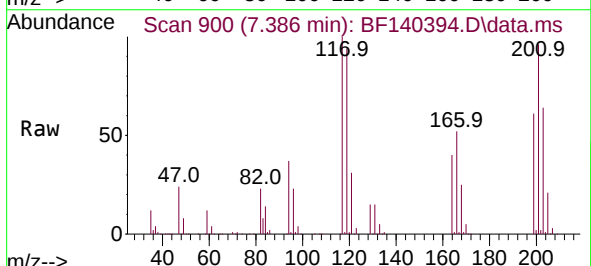
APPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#18
Hexachloroethane
Concen: 41.979 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

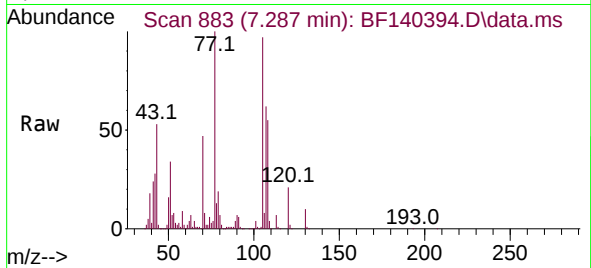
Tgt Ion:117 Resp: 164015
Ion Ratio Lower Upper
117 100
119 94.3 76.9 115.3
201 96.0 80.2 120.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.118 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

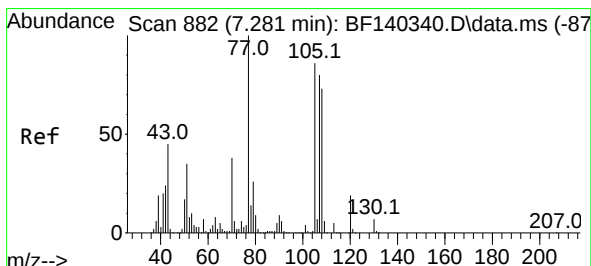
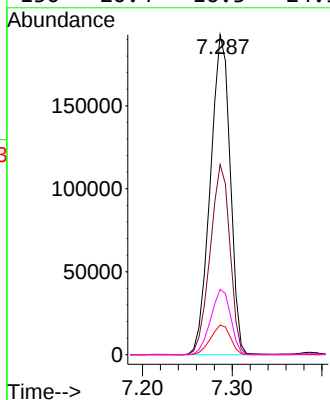
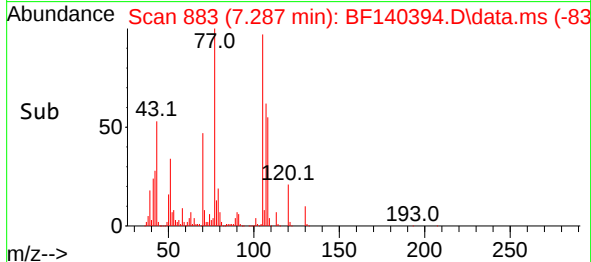
Instrument :
BNA_F
ClientSampleId :
PB164886BS



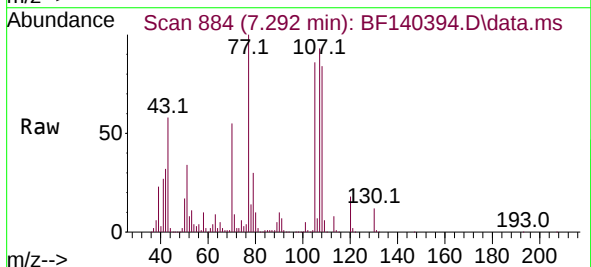
Tgt Ion: 70 Resp: 29588
Ion Ratio Lower Upper
70 100
42 59.4 46.8 70.2
101 9.3 7.5 11.3
130 20.4 16.3 24.5

Manual Integrations
APPROVED

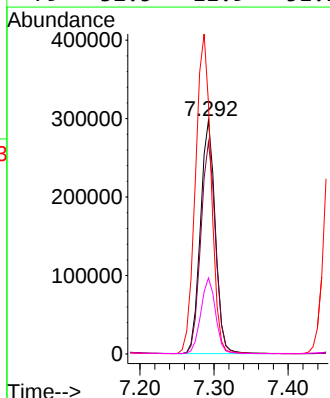
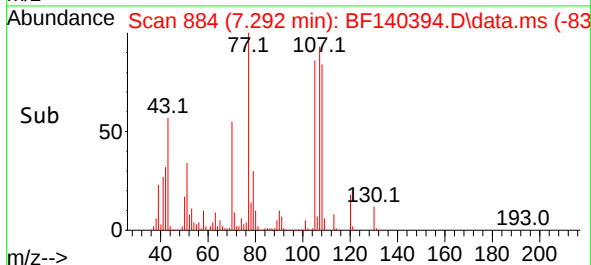
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

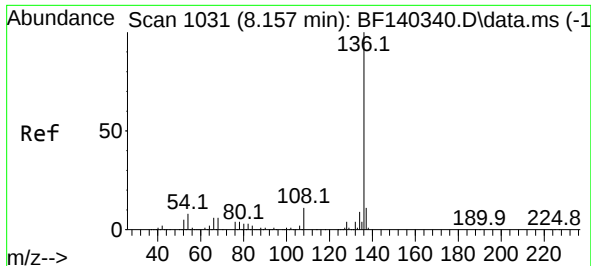


#20
3+4-Methylphenols
Concen: 42.542 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



Tgt Ion:107 Resp: 413437
Ion Ratio Lower Upper
107 100
108 90.8 71.4 111.4
77 107.5 97.0 137.0
79 32.5 11.9 51.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

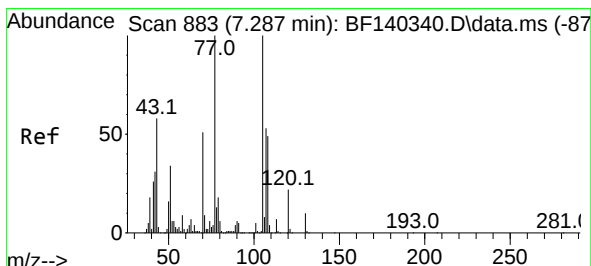
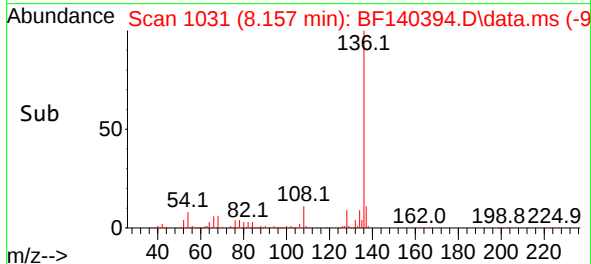
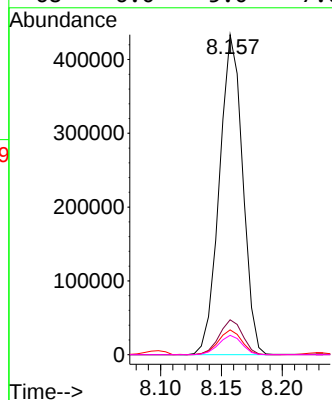
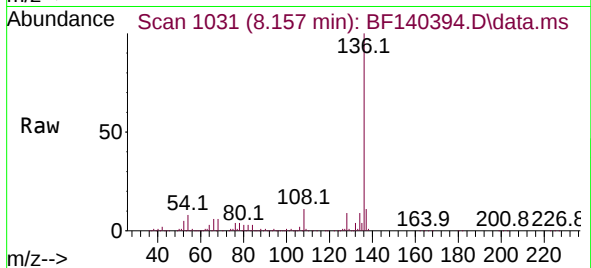
PB164886BS

Tgt Ion:136 Resp: 576878
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 6.5 9.7
68 6.0 5.0 7.6

Manual Integrations

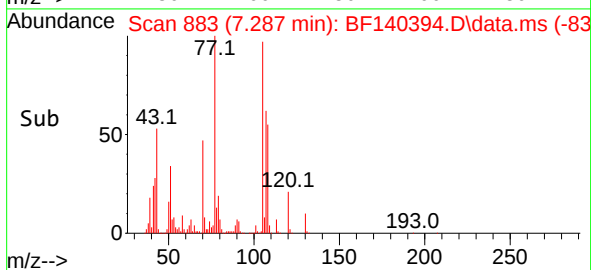
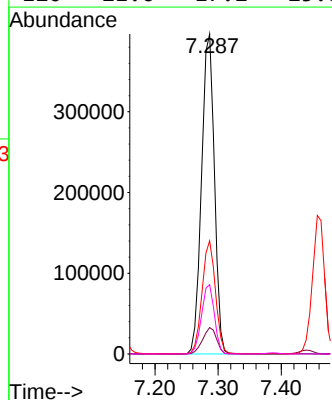
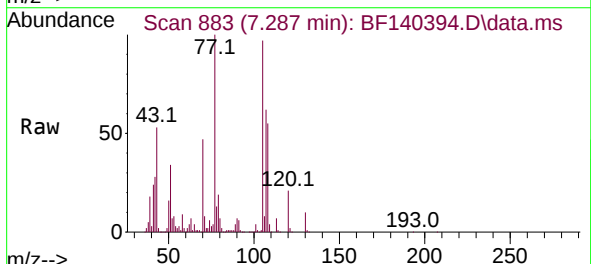
APPROVED

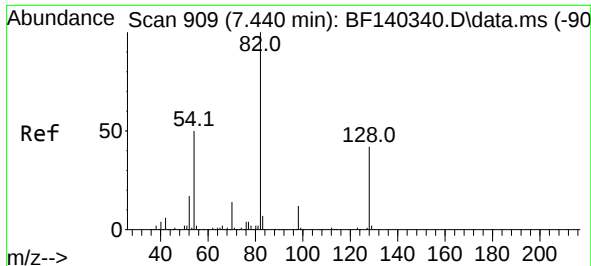
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#22
Acetophenone
Concen: 41.780 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Tgt Ion:105 Resp: 560563
Ion Ratio Lower Upper
105 100
71 8.3 6.9 10.3
51 35.3 28.6 43.0
120 21.6 17.2 25.8





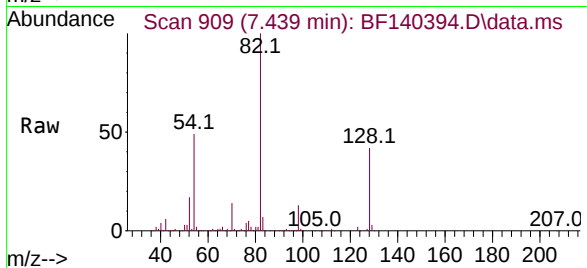
#23
Nitrobenzene-d5
Concen: 84.125 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

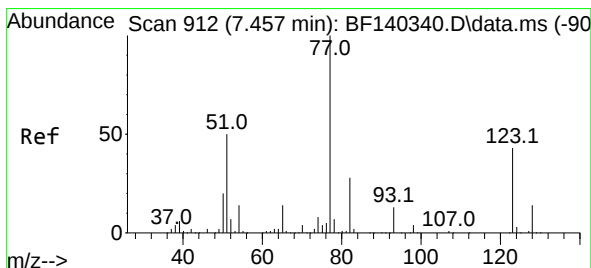
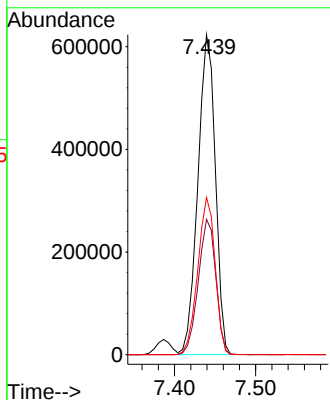
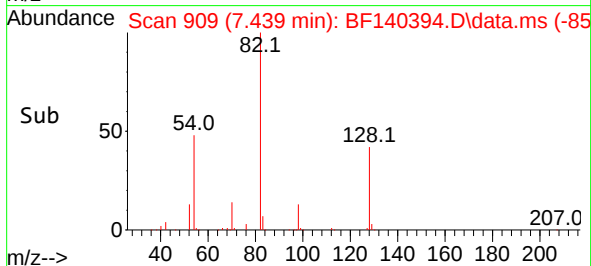
PB164886BS



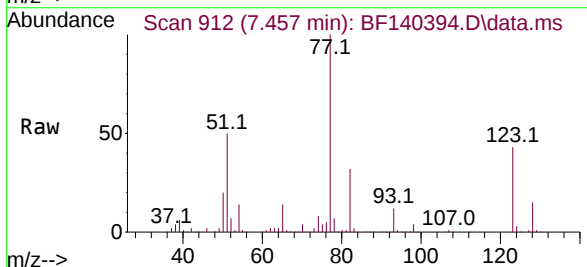
Tgt Ion: 82 Resp: 931424
Ion Ratio Lower Upper
82 100
128 42.3 33.3 49.9
54 49.2 39.8 59.8

Manual Integrations
APPROVED

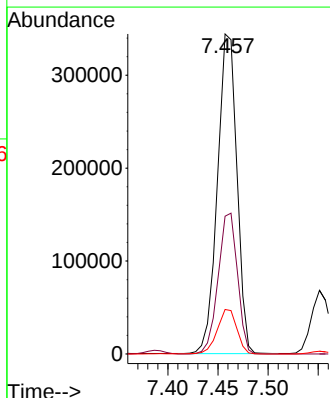
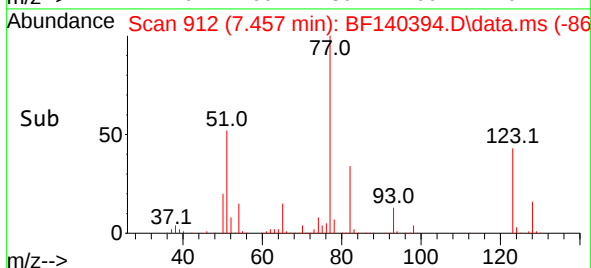
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

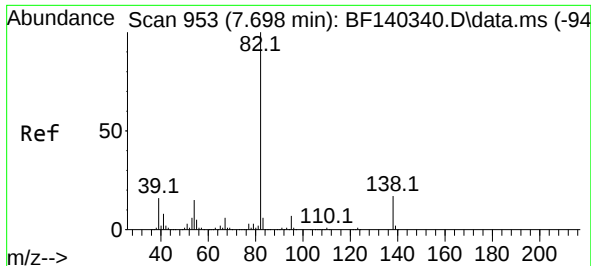


#24
Nitrobenzene
Concen: 40.329 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



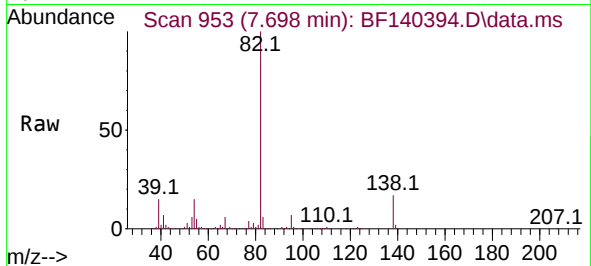
Tgt Ion: 77 Resp: 464908
Ion Ratio Lower Upper
77 100
123 43.0 35.4 53.0
65 13.9 11.1 16.7





#25
Isophorone
Concen: 41.548 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

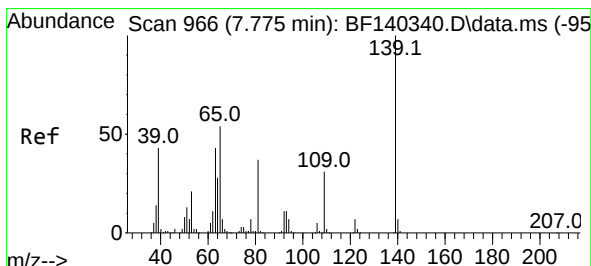
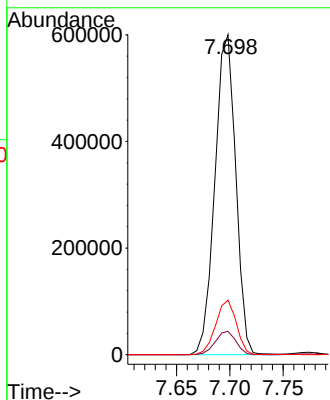
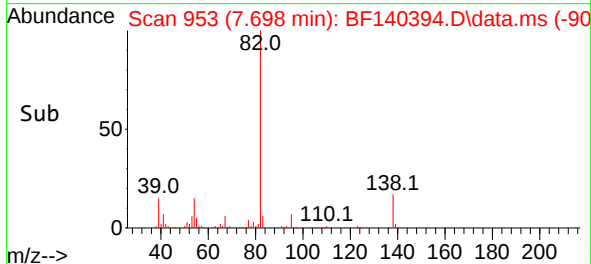
Instrument :
BNA_F
ClientSampleId :
PB164886BS



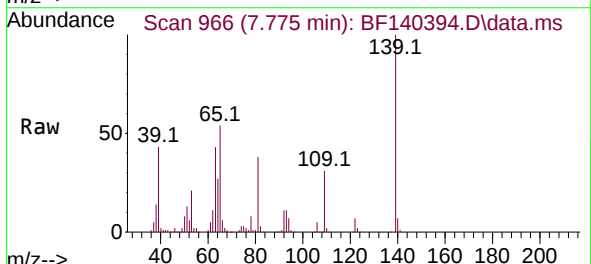
Tgt Ion: 82 Resp: 81529
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 17.0 13.4 20.2

Manual Integrations
APPROVED

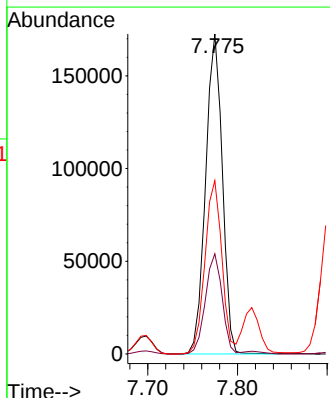
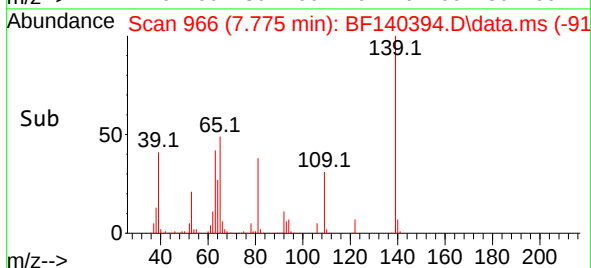
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

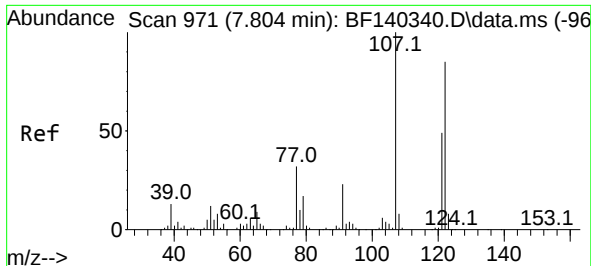


#26
2-Nitrophenol
Concen: 43.672 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



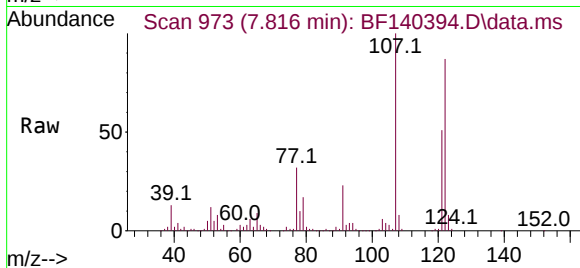
Tgt Ion:139 Resp: 223403
Ion Ratio Lower Upper
139 100
109 31.3 24.4 36.6
65 54.1 42.8 64.2





#27
2,4-Dimethylphenol
Concen: 50.939 ng m
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

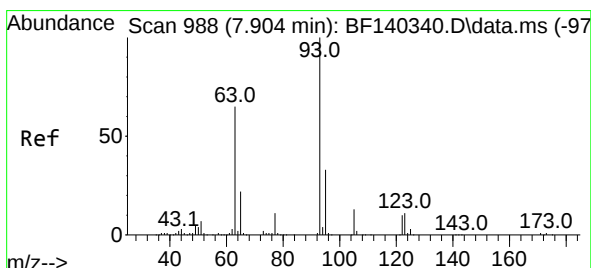
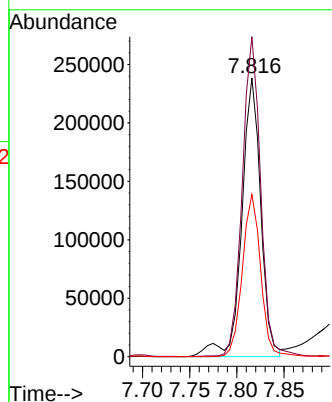
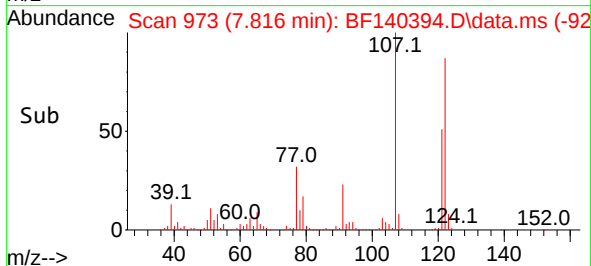
Instrument :
BNA_F
ClientSampleId :
PB164886BS



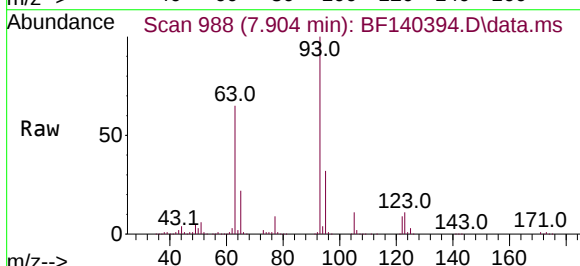
Tgt Ion:122 Resp: 33361
Ion Ratio Lower Upper
122 100
107 114.8 91.3 136.9
121 58.2 45.5 68.3

Manual Integrations
APPROVED

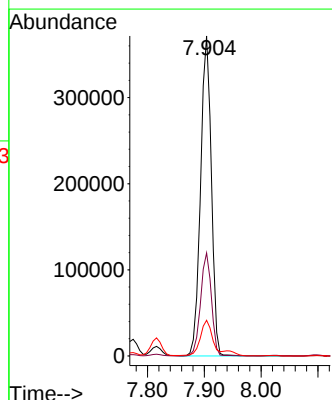
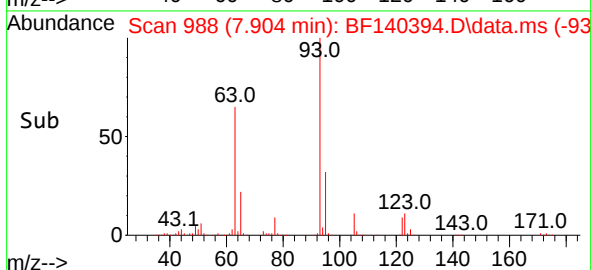
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

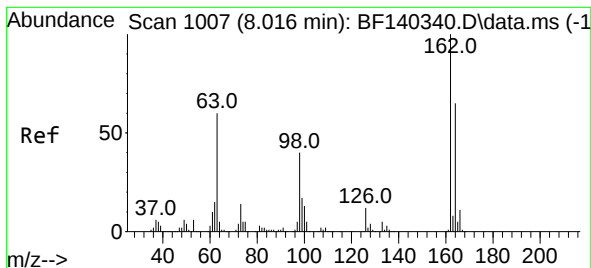


#28
bis(2-Chloroethoxy)methane
Concen: 40.812 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



Tgt Ion: 93 Resp: 491055
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.672 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

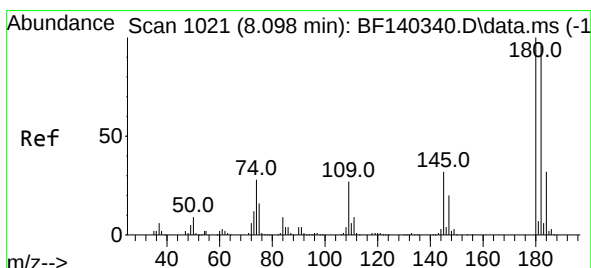
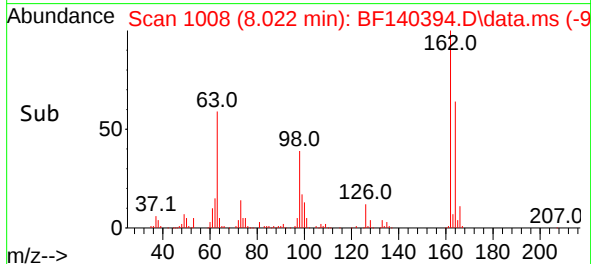
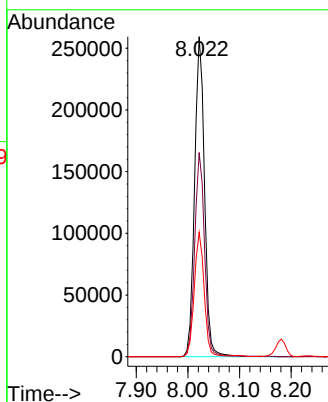
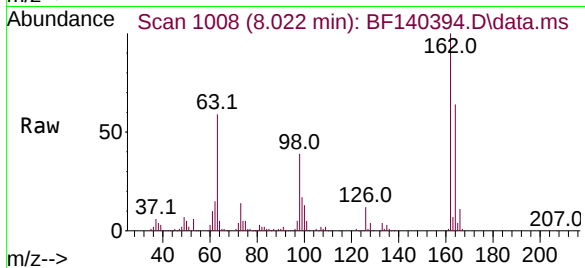
ClientSampleId :

PB164886BS

Tgt Ion:162 Resp: 34538
 Ion Ratio Lower Upper
 162 100
 164 63.8 45.4 85.4
 98 38.9 19.9 59.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.047 ng

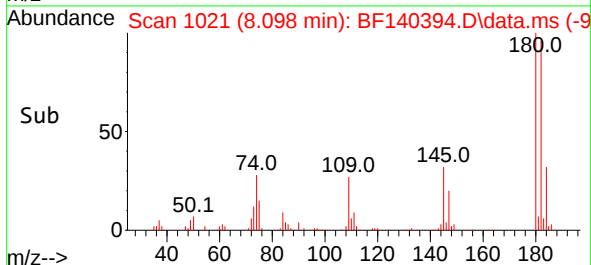
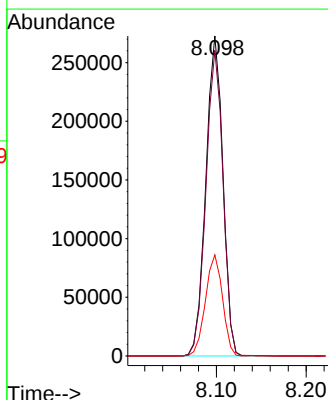
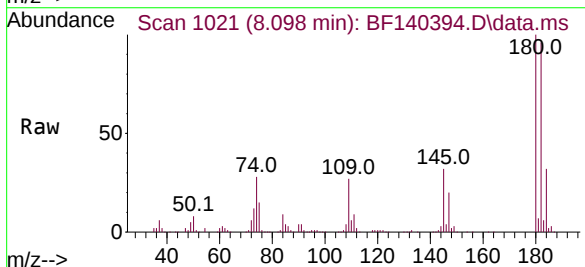
RT: 8.098 min Scan# 1021

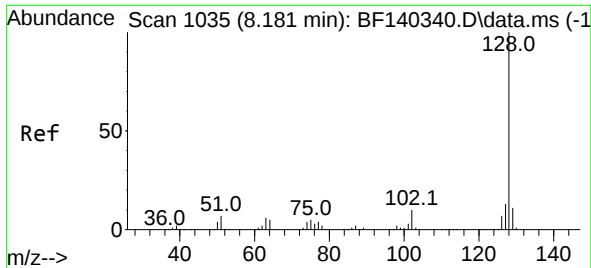
Delta R.T. -0.000 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

Tgt Ion:180 Resp: 360873
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.5 114.7
 145 31.6 25.3 37.9





#31
Naphthalene
Concen: 41.157 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

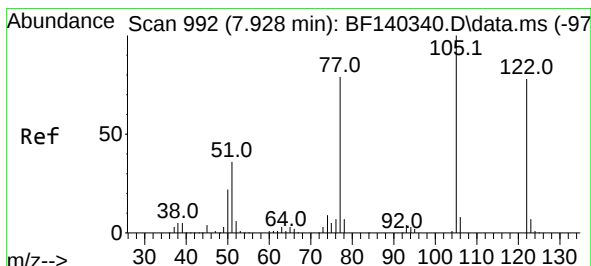
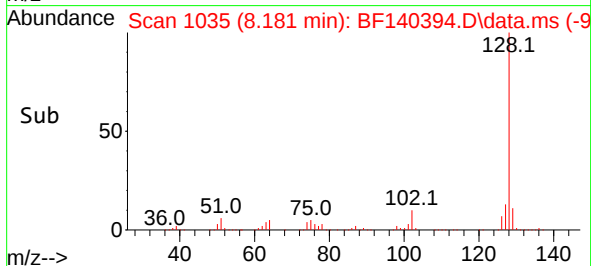
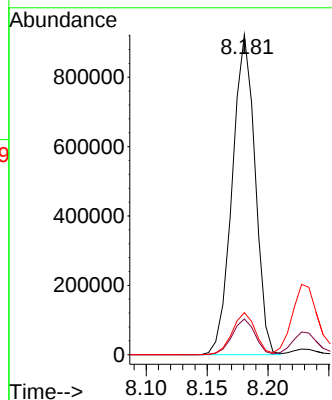
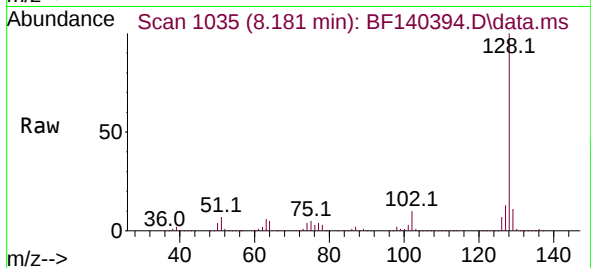
PB164886BS

Tgt Ion:128 Resp: 1204408
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 15.8

Manual Integrations

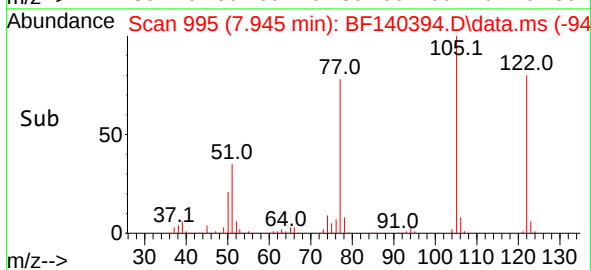
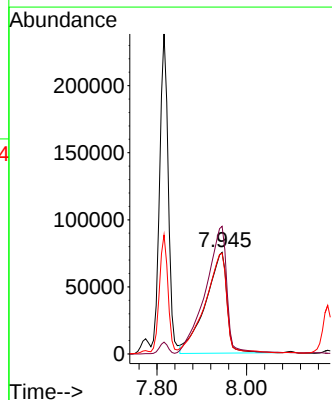
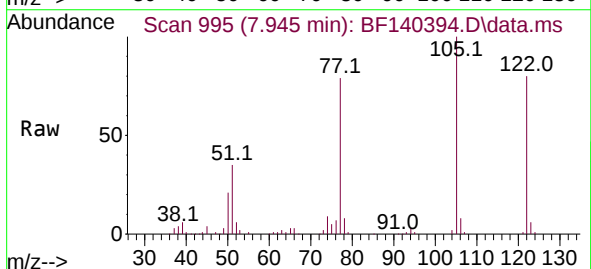
APPROVED

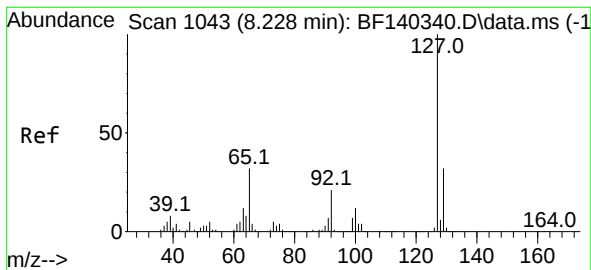
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#32
Benzoic acid
Concen: 43.248 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.018 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Tgt Ion:122 Resp: 249229
Ion Ratio Lower Upper
122 100
105 125.6 100.9 140.9
77 99.2 76.0 116.0





#33
4-Chloroaniline
Concen: 31.320 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

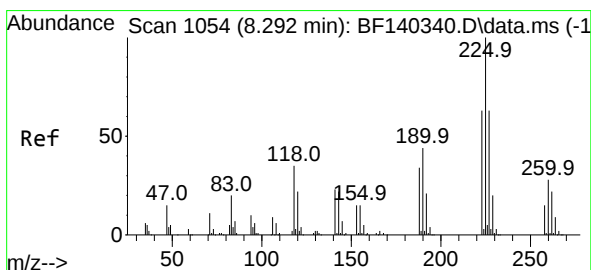
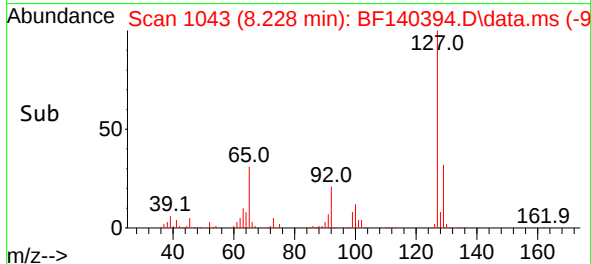
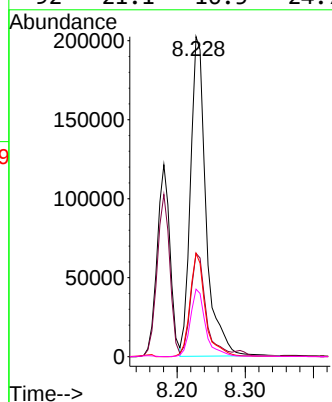
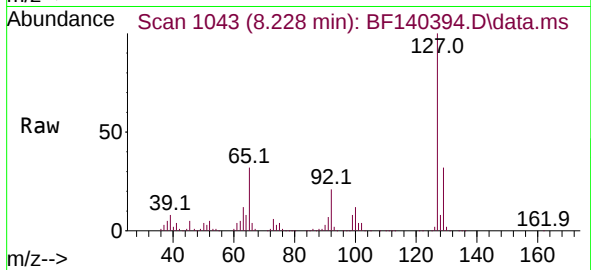
PB164886BS

Tgt Ion:127 Resp: 318749
Ion Ratio Lower Upper
127 100
129 32.3 26.2 39.4
65 32.3 25.8 38.6
92 21.1 16.5 24.7

Manual Integrations

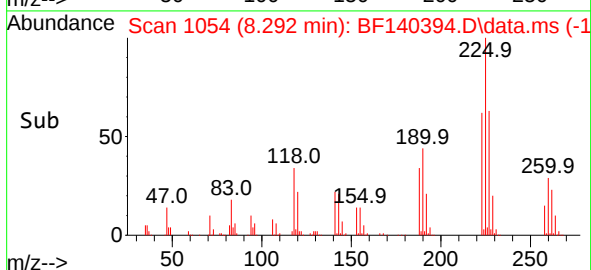
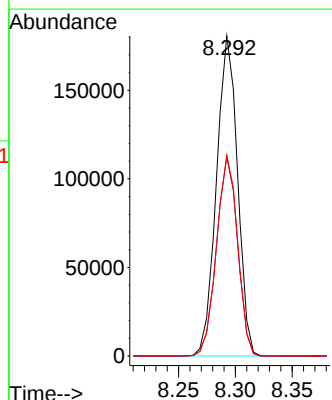
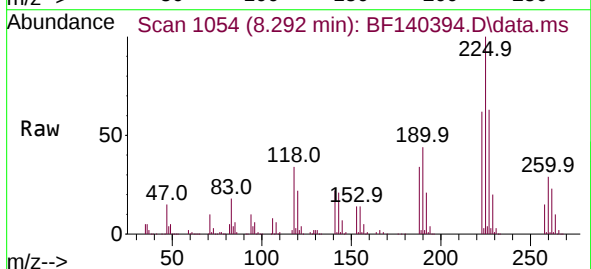
APPROVED

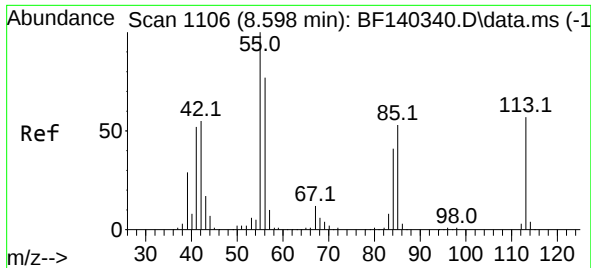
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#34
Hexachlorobutadiene
Concen: 40.545 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Tgt Ion:225 Resp: 232791
Ion Ratio Lower Upper
225 100
223 62.1 50.1 75.1
227 62.7 51.3 76.9





#35
Caprolactam
Concen: 44.232 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

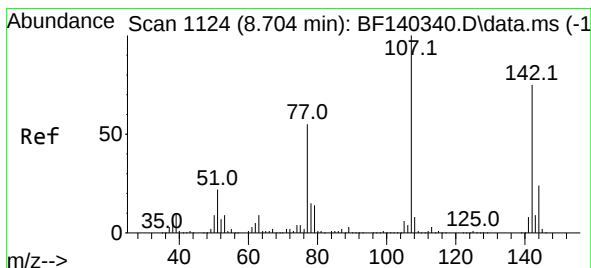
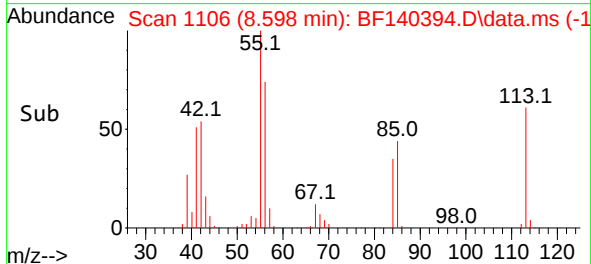
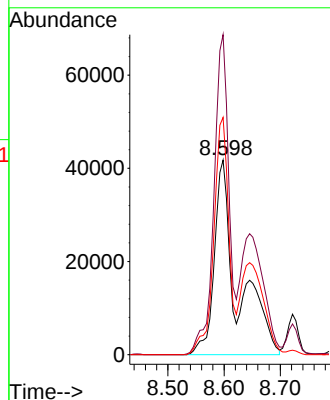
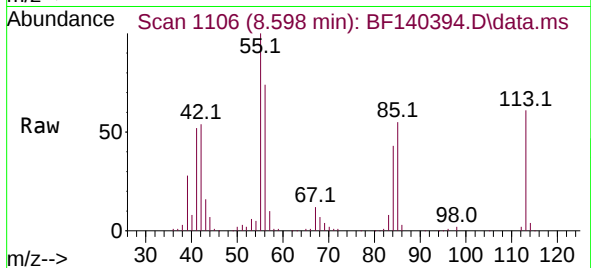
PB164886BS

Tgt Ion:113 Resp: 118992
Ion Ratio Lower Upper
113 100
55 164.5 150.0 190.0
56 122.0 111.1 151.1

Manual Integrations

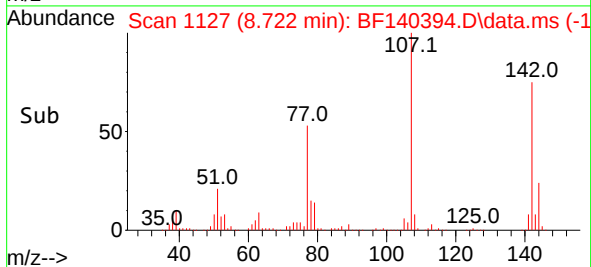
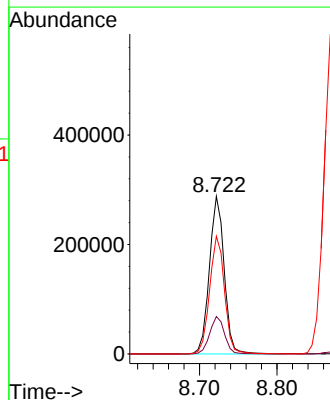
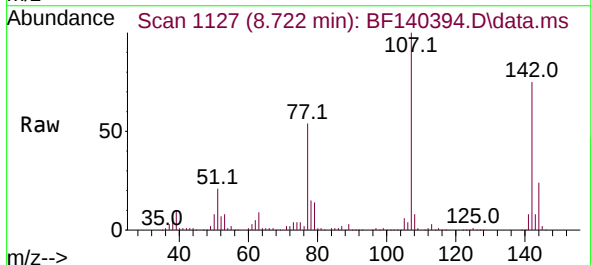
APPROVED

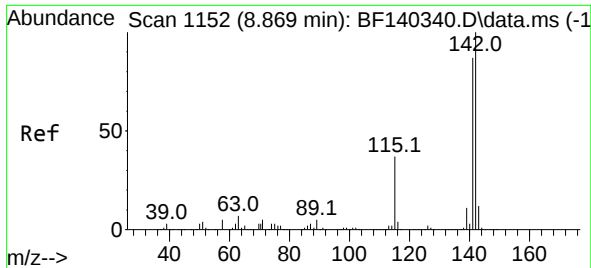
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#36
4-Chloro-3-methylphenol
Concen: 42.653 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.018 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Tgt Ion:107 Resp: 382581
Ion Ratio Lower Upper
107 100
144 23.7 19.3 28.9
142 74.8 59.4 89.0





#37
2-Methylnaphthalene
Concen: 41.518 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

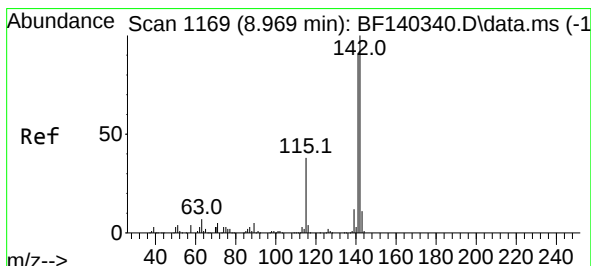
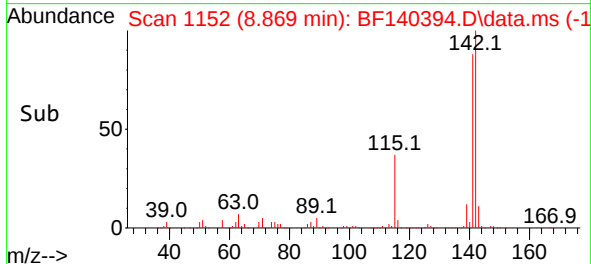
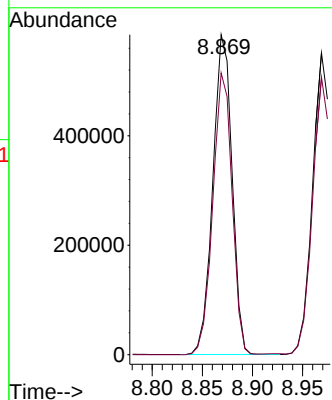
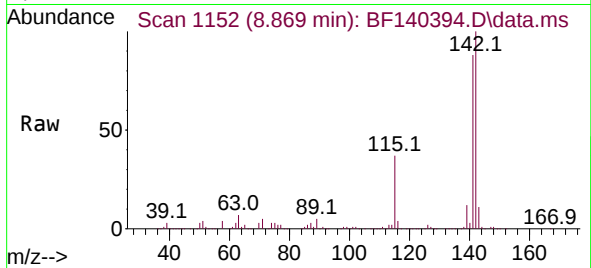
PB164886BS

Tgt Ion:142 Resp: 77906
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6

Manual Integrations

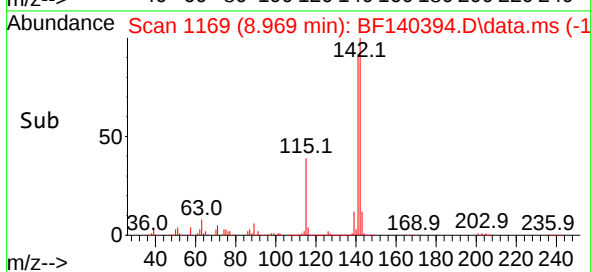
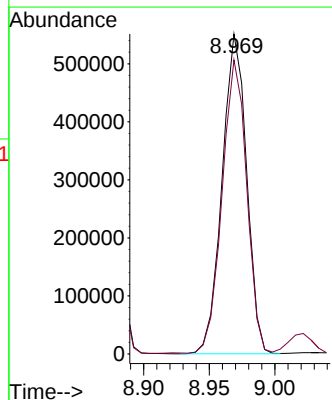
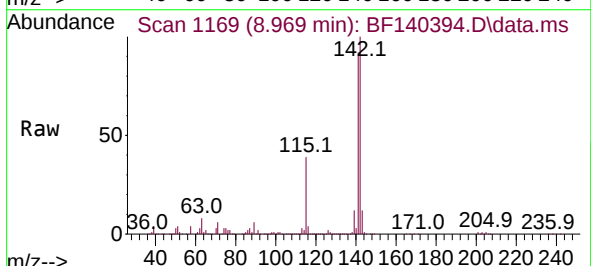
APPROVED

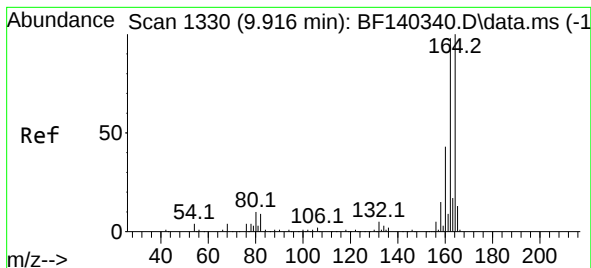
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#38
1-Methylnaphthalene
Concen: 38.964 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Tgt Ion:142 Resp: 715970
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

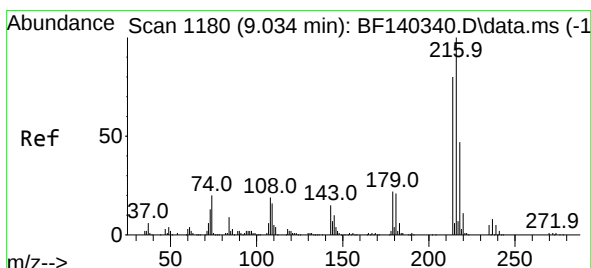
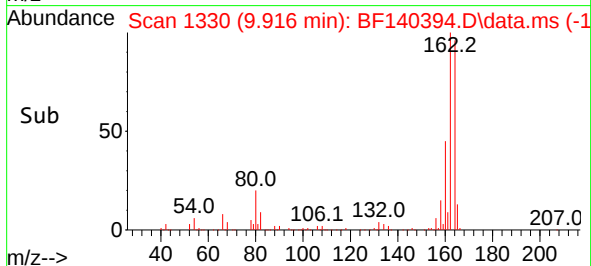
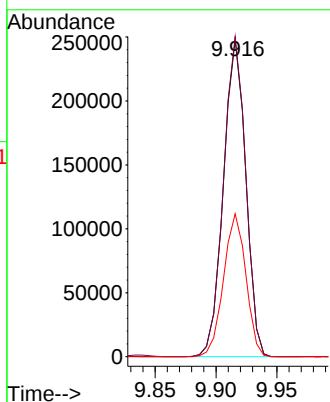
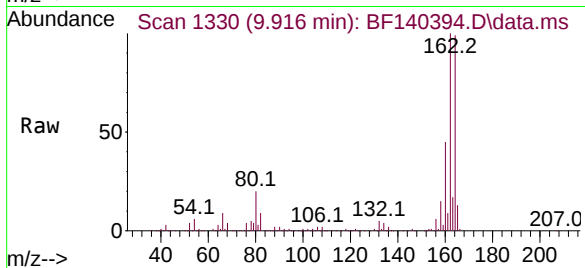
ClientSampleId :

PB164886BS

Tgt Ion:164 Resp: 31665
 Ion Ratio Lower Upper
 164 100
 162 101.0 79.8 119.8
 160 45.1 35.4 53.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.902 ng

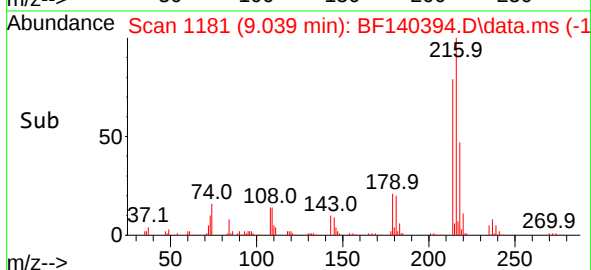
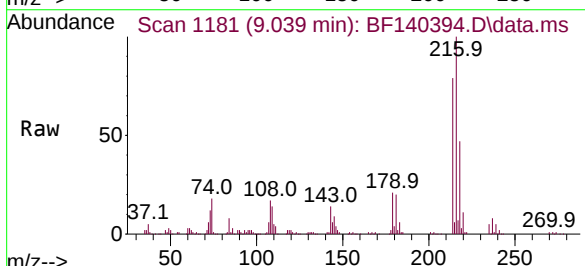
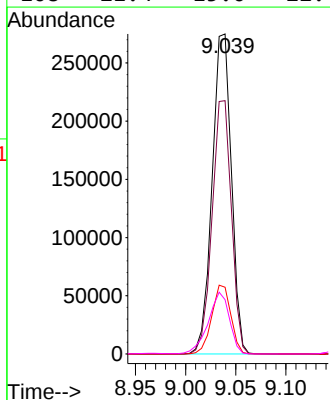
RT: 9.039 min Scan# 1181

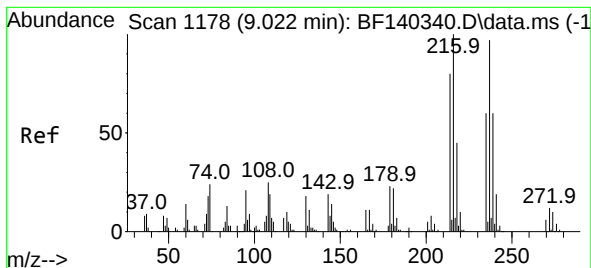
Delta R.T. 0.006 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

Tgt Ion:216 Resp: 366912
 Ion Ratio Lower Upper
 216 100
 214 79.4 63.2 94.8
 179 21.3 17.2 25.8
 108 21.4 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 169.991 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

PB164886BS

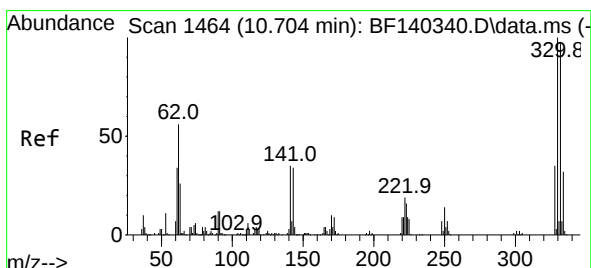
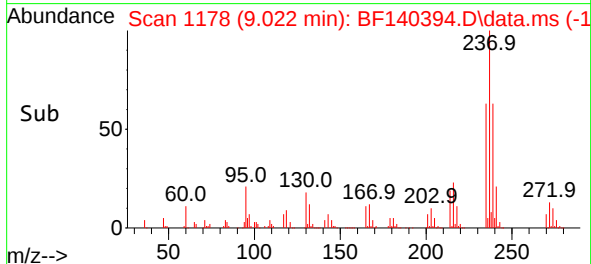
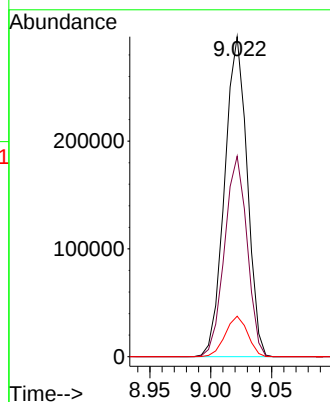
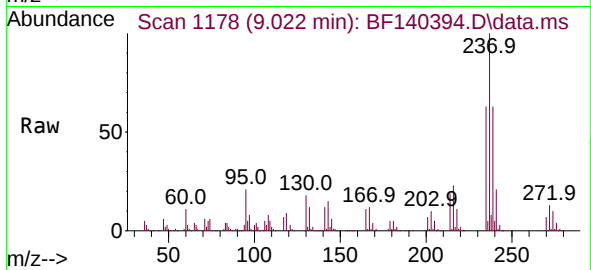
Tgt Ion:	237	Resp:	38218
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.8	82.8
272	12.7	0.0	33.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#42

2,4,6-Tribromophenol

Concen: 130.366 ng

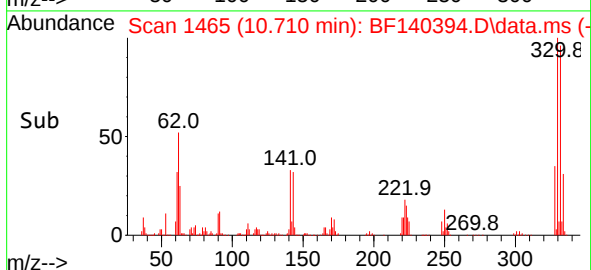
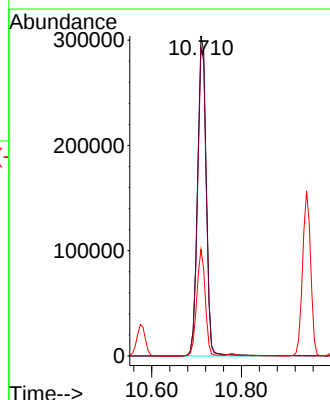
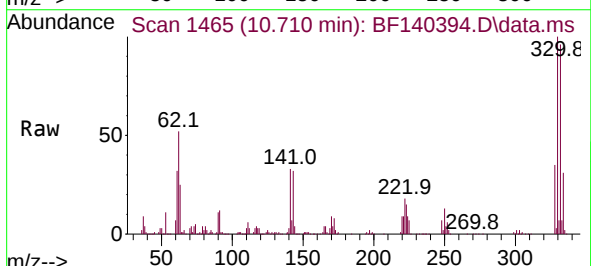
RT: 10.710 min Scan# 1465

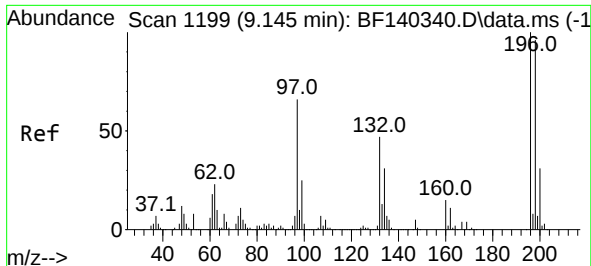
Delta R.T. 0.006 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

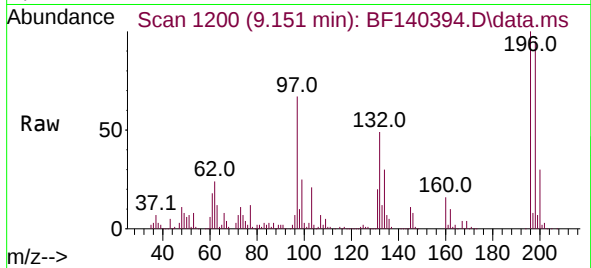
Tgt Ion:	330	Resp:	410503
Ion Ratio	Lower	Upper	
330	100		
332	96.3	75.9	113.9
141	32.3	26.9	40.3





#43
2,4,6-Trichlorophenol
Concen: 43.004 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

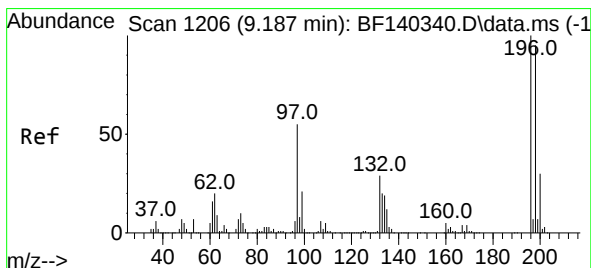
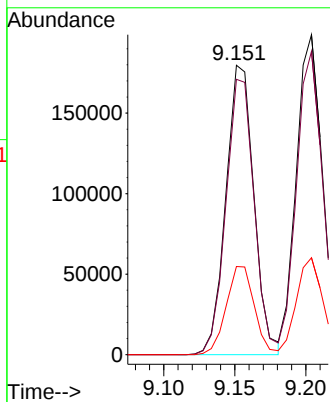
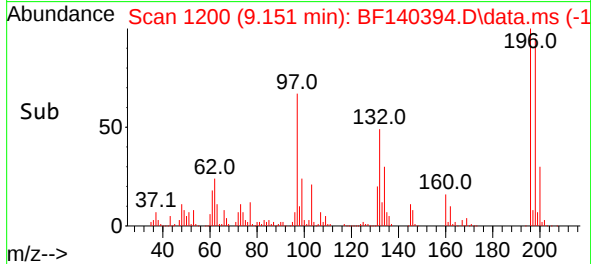
Instrument :
BNA_F
ClientSampleId :
PB164886BS



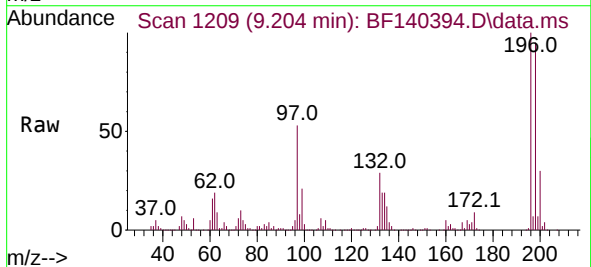
Tgt Ion:196 Resp: 24712
Ion Ratio Lower Upper
196 100
198 95.1 77.0 115.4
200 30.4 24.2 36.4

Manual Integrations
APPROVED

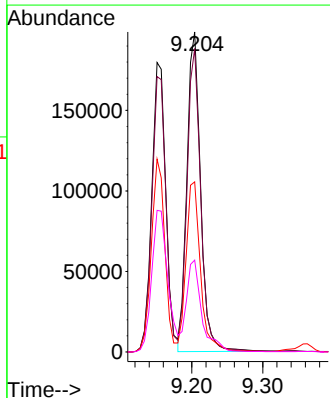
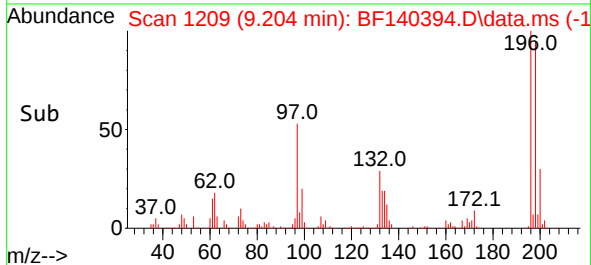
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

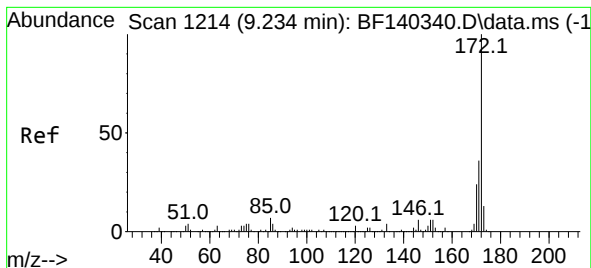


#44
2,4,5-Trichlorophenol
Concen: 42.341 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.018 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



Tgt Ion:196 Resp: 266023
Ion Ratio Lower Upper
196 100
198 94.8 77.6 116.4
97 53.1 45.4 68.2
132 28.7 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 82.197 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF140394.D

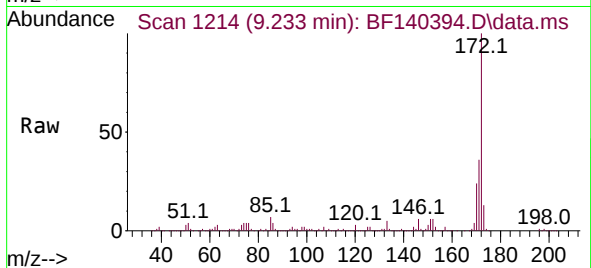
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

PB164886BS



Tgt Ion:172 Resp: 1619100

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

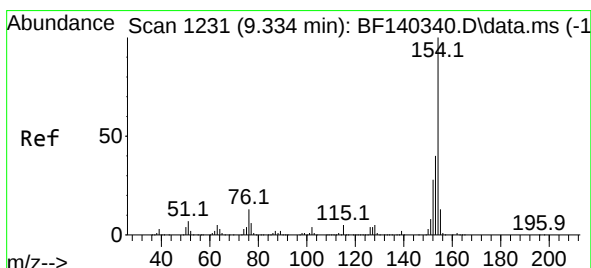
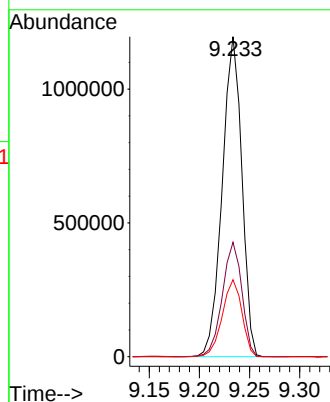
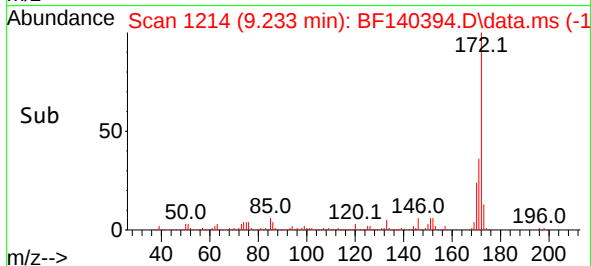
170 24.1 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#46

1,1'-Biphenyl

Concen: 41.243 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

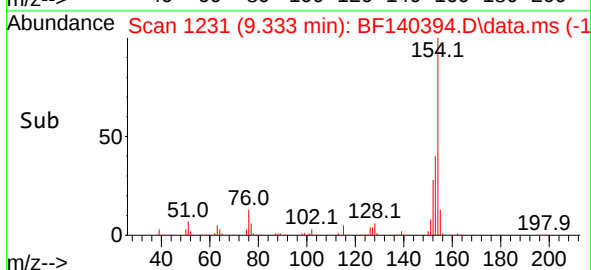
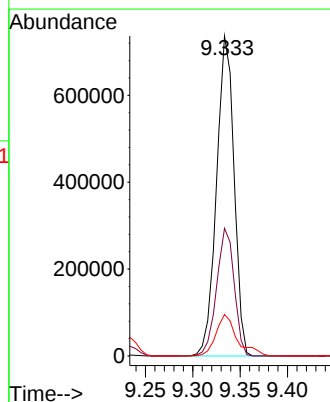
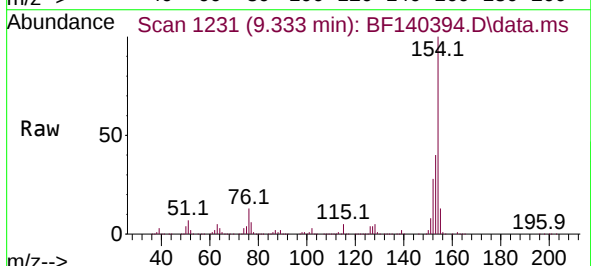
Tgt Ion:154 Resp: 950078

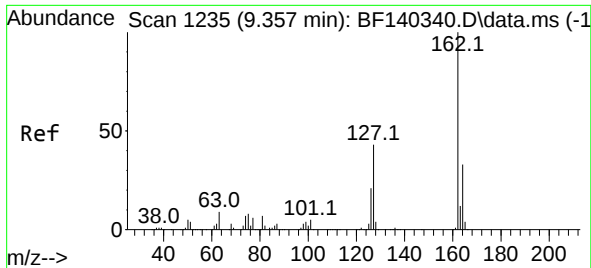
Ion Ratio Lower Upper

154 100

153 39.9 20.4 60.4

76 12.9 0.0 32.9





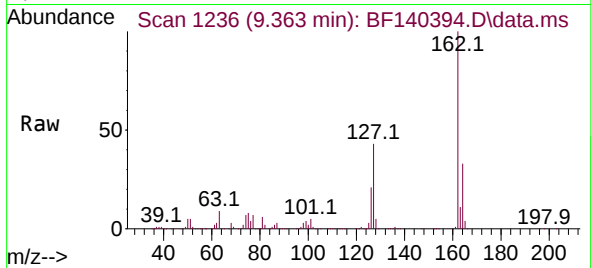
#47
2-Chloronaphthalene
Concen: 40.989 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

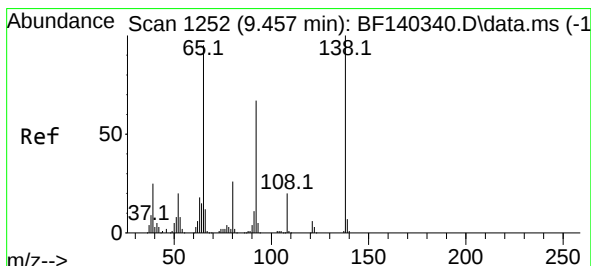
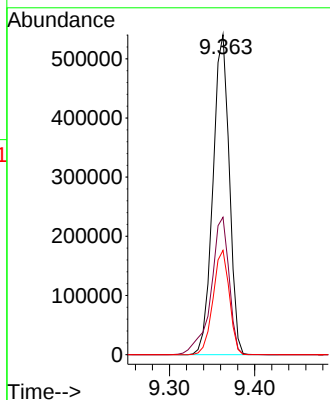
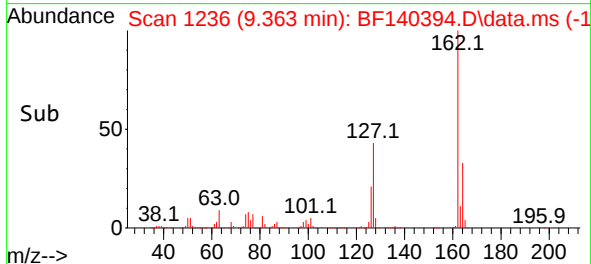
PB164886BS



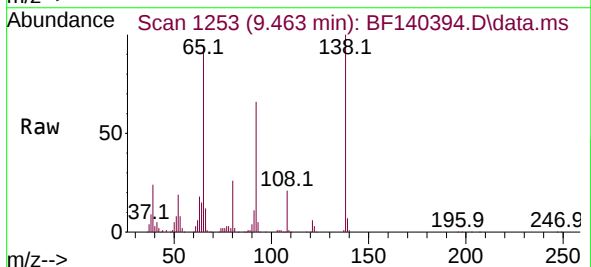
Tgt Ion:162 Resp: 719280
Ion Ratio Lower Upper
162 100
127 43.0 34.0 51.0
164 32.6 26.5 39.7

Manual Integrations
APPROVED

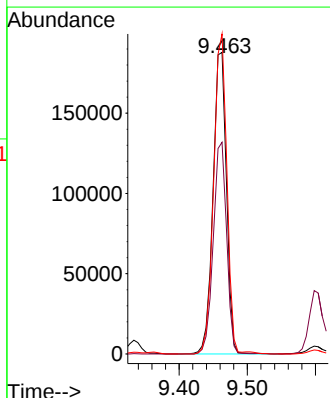
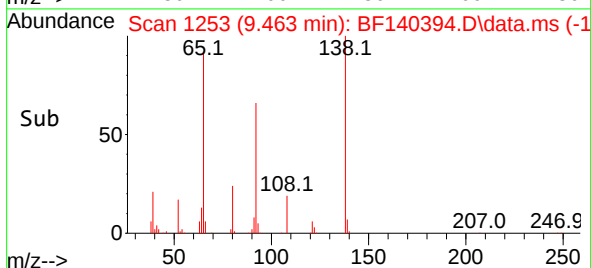
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

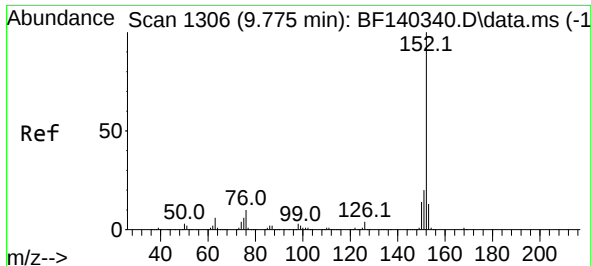


#48
2-Nitroaniline
Concen: 44.379 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



Tgt Ion: 65 Resp: 258271
Ion Ratio Lower Upper
65 100
92 70.2 56.4 84.6
138 106.1 84.8 127.2





#49
Acenaphthylene
Concen: 45.036 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

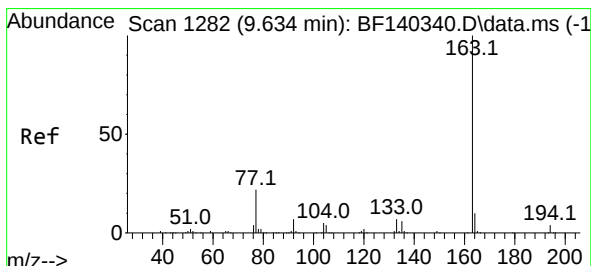
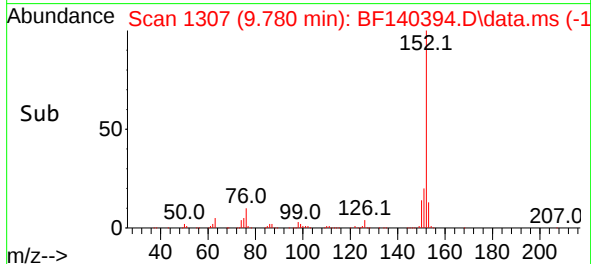
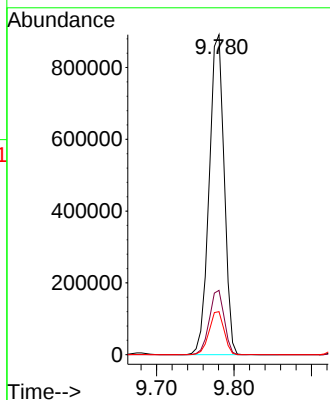
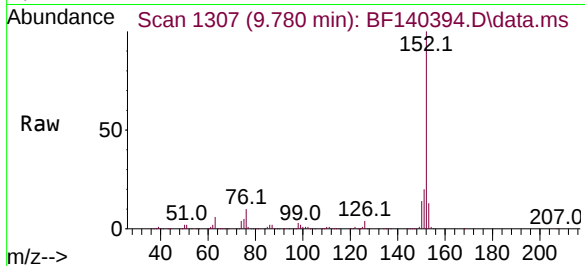
PB164886BS

Tgt Ion:152 Resp: 1195700
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.5 10.7 16.1

Manual Integrations

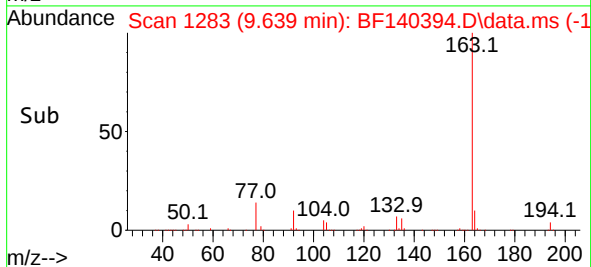
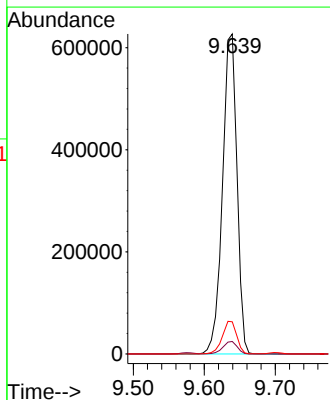
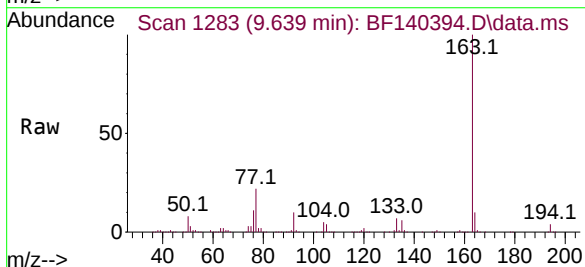
APPROVED

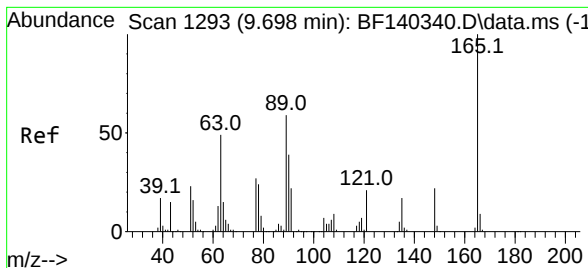
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#50
Dimethylphthalate
Concen: 42.750 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Tgt Ion:163 Resp: 882347
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.2 12.4





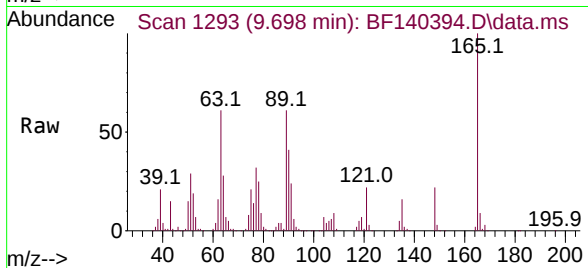
#51
2,6-Dinitrotoluene
Concen: 41.533 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

PB164886BS

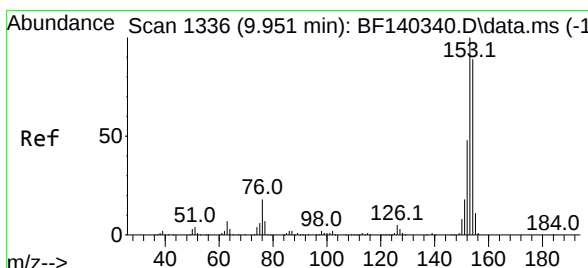
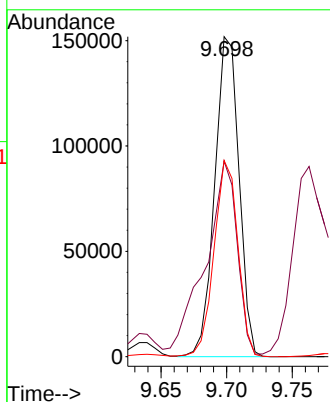
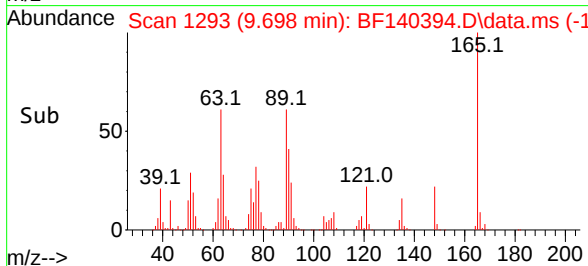


Tgt Ion:165 Resp: 195420
Ion Ratio Lower Upper
165 100
63 61.1 47.6 71.4
89 61.3 48.1 72.1

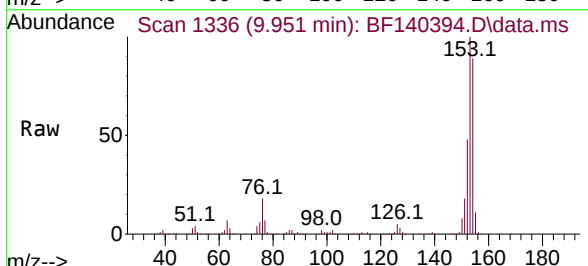
Manual Integrations

APPROVED

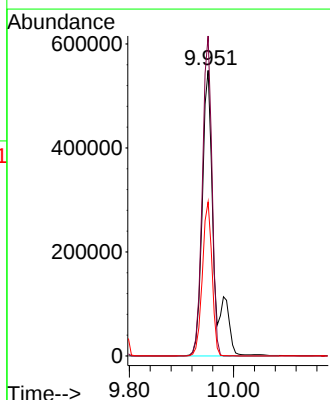
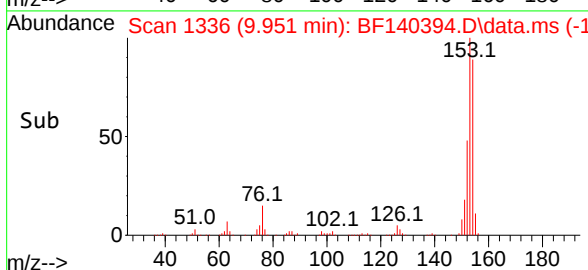
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

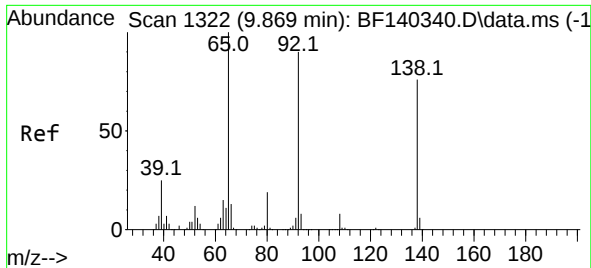


#52
Acenaphthene
Concen: 48.445 ng m
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



Tgt Ion:154 Resp: 868744
Ion Ratio Lower Upper
154 100
153 112.0 89.8 134.8
152 53.9 42.6 64.0





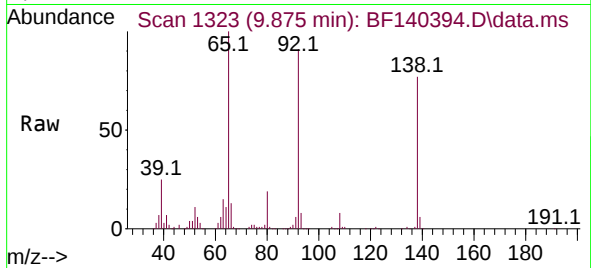
#53
3-Nitroaniline
Concen: 33.003 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

PB164886BS



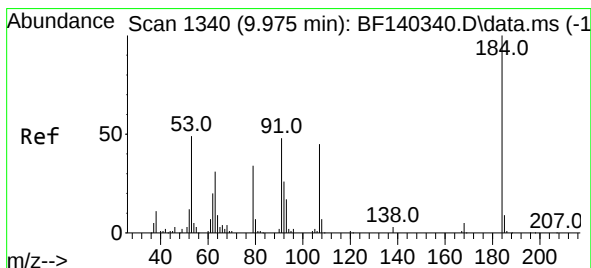
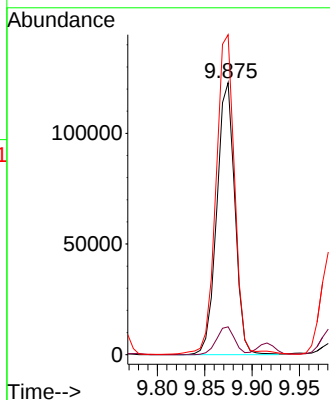
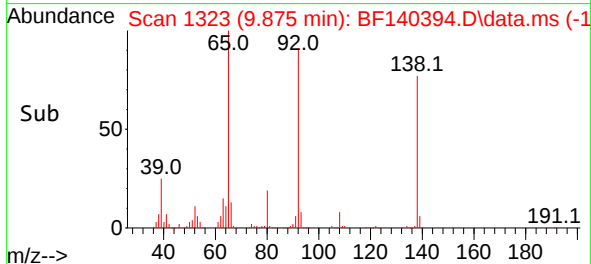
Tgt Ion:138 Resp: 163085
Ion Ratio Lower Upper
138 100
108 10.2 8.4 12.6
92 117.7 95.5 143.3

Manual Integrations

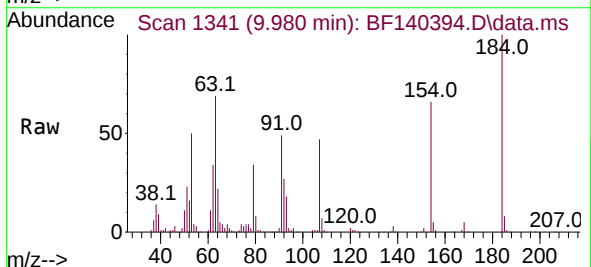
APPROVED

Reviewed By :Yogesh Patel 11/18/2024

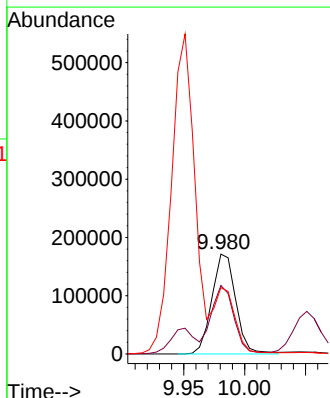
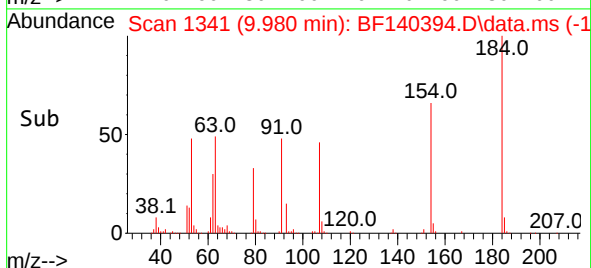
Supervised By :mohammad ahmed 11/18/2024

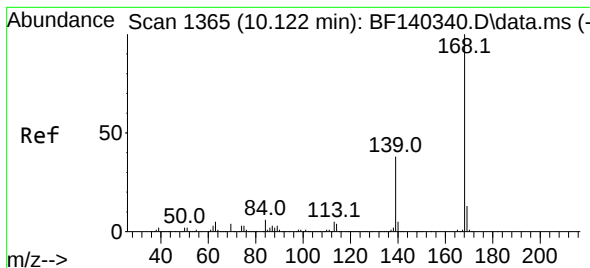


#54
2,4-Dinitrophenol
Concen: 96.725 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



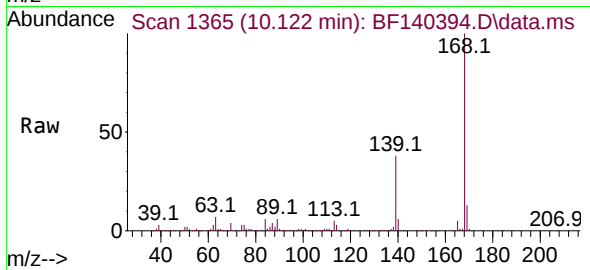
Tgt Ion:184 Resp: 234698
Ion Ratio Lower Upper
184 100
63 68.6 53.5 80.3
154 66.5 51.3 76.9





#55
Dibenzenofuran
Concen: 43.316 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

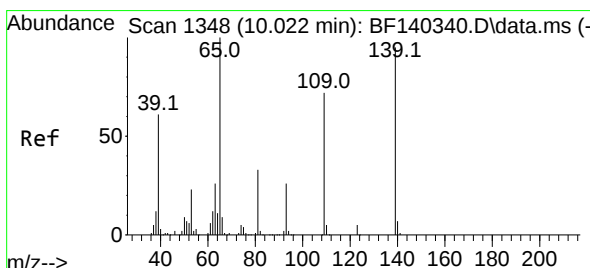
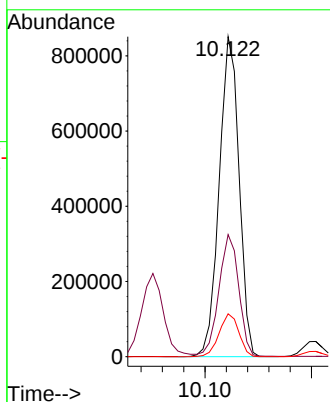
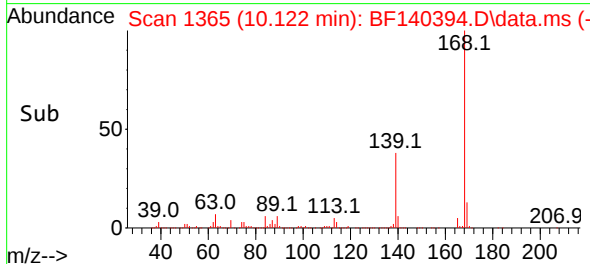
Instrument :
BNA_F
ClientSampleId :
PB164886BS



Tgt Ion:168 Resp: 109960
Ion Ratio Lower Upper
168 100
139 38.2 30.8 46.2
169 13.4 10.8 16.2

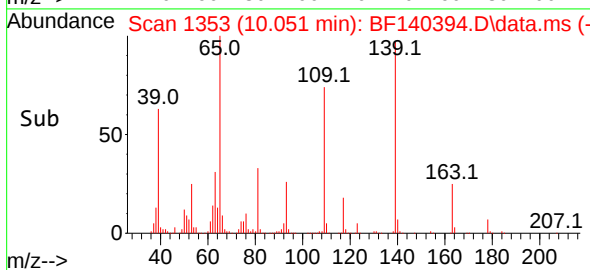
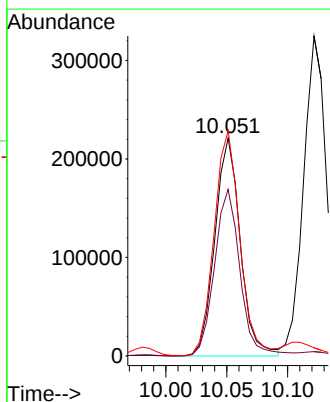
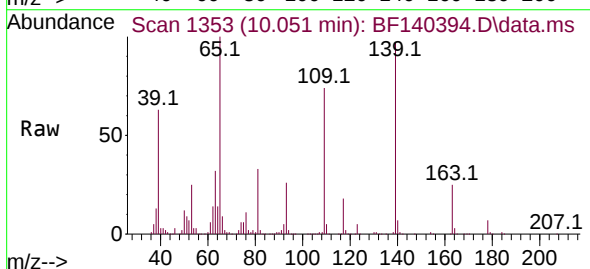
Manual Integrations
APPROVED

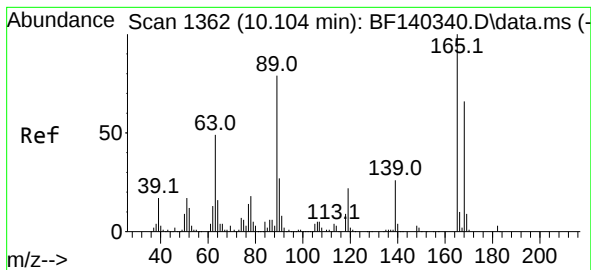
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#56
4-Nitrophenol
Concen: 89.058 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.029 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Tgt Ion:139 Resp: 320998
Ion Ratio Lower Upper
139 100
109 76.4 54.5 94.5
65 103.3 84.4 124.4





#57
2,4-Dinitrotoluene
Concen: 44.061 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

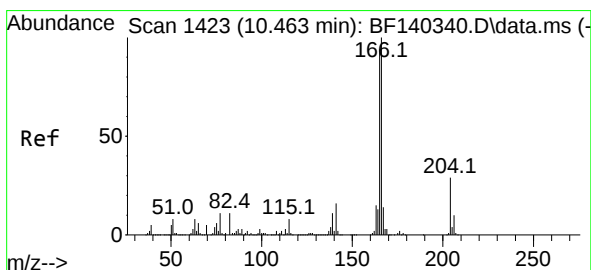
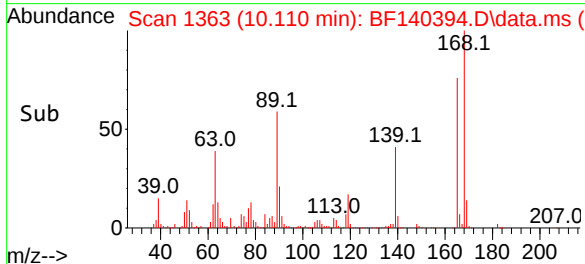
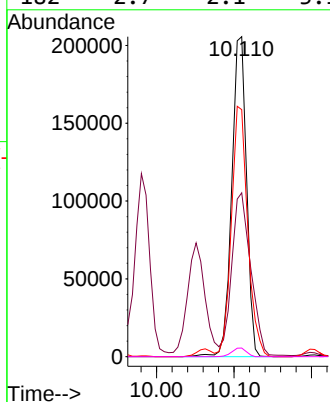
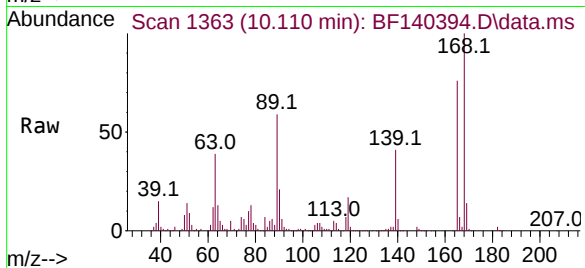
PB164886BS

Tgt Ion:165 Resp: 27285
Ion Ratio Lower Upper
165 100
63 51.2 39.4 59.0
89 77.2 62.4 93.6
182 2.7 2.1 3.1

Manual Integrations

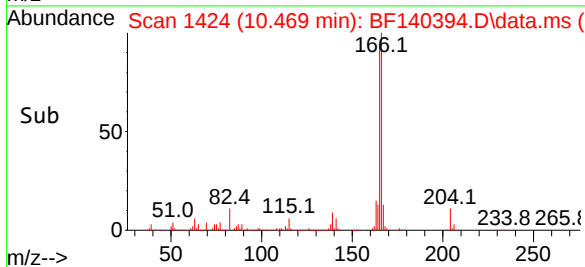
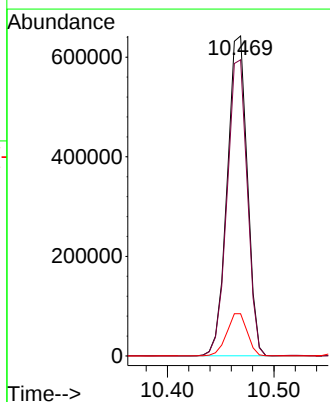
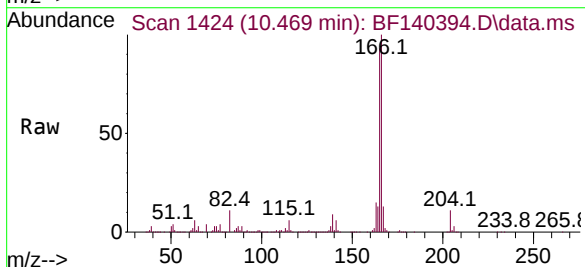
APPROVED

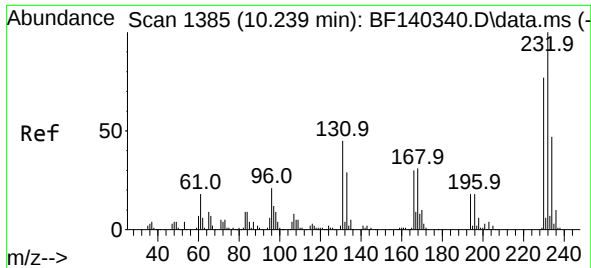
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#58
Fluorene
Concen: 42.053 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

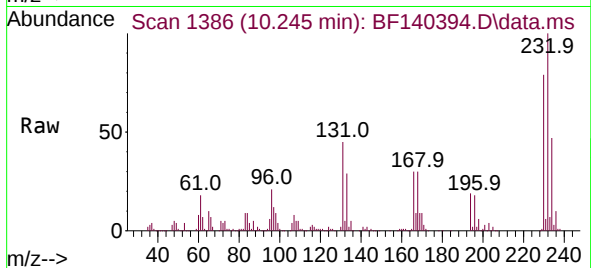
Tgt Ion:166 Resp: 843339
Ion Ratio Lower Upper
166 100
165 92.6 73.9 110.9
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.820 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

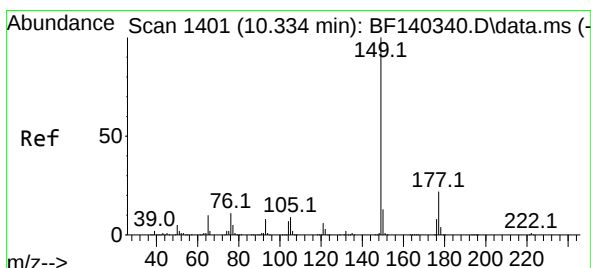
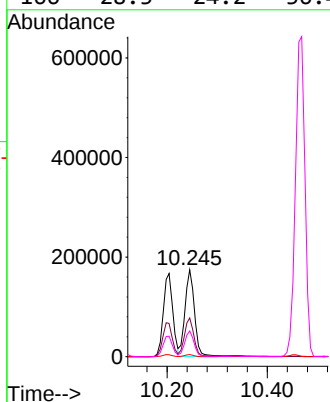
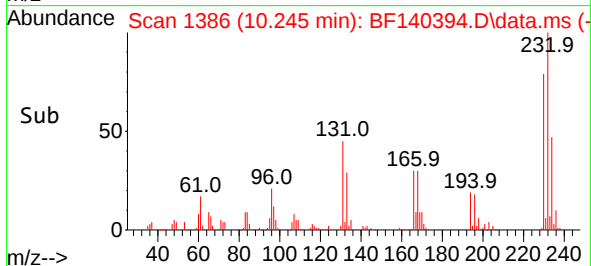
Instrument :
BNA_F
ClientSampleId :
PB164886BS



Tgt Ion:232 Resp: 232260
Ion Ratio Lower Upper
232 100
131 44.2 36.8 55.2
130 2.3 1.9 2.9
166 28.3 24.2 36.4

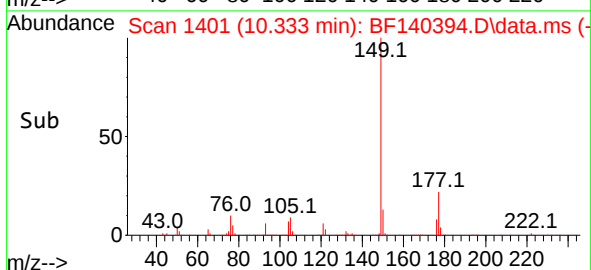
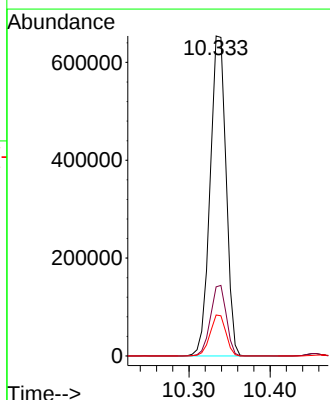
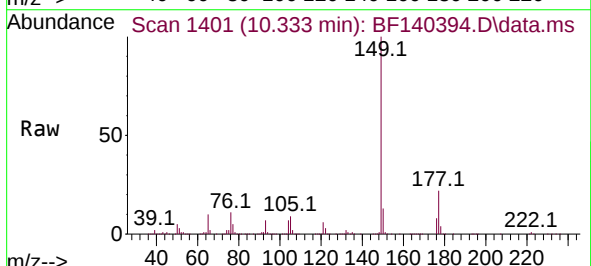
Manual Integrations
APPROVED

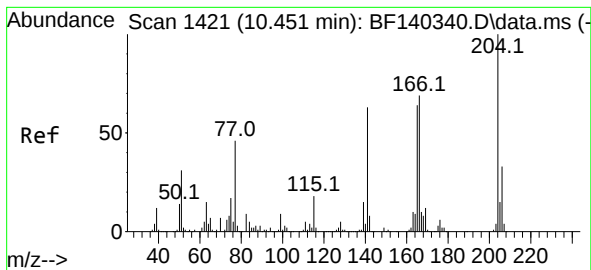
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#60
Diethylphthalate
Concen: 42.293 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Tgt Ion:149 Resp: 892587
Ion Ratio Lower Upper
149 100
177 21.6 17.5 26.3
150 12.8 10.1 15.1





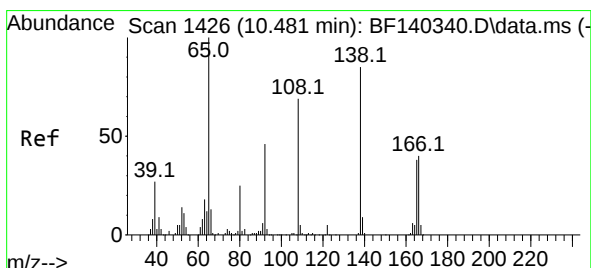
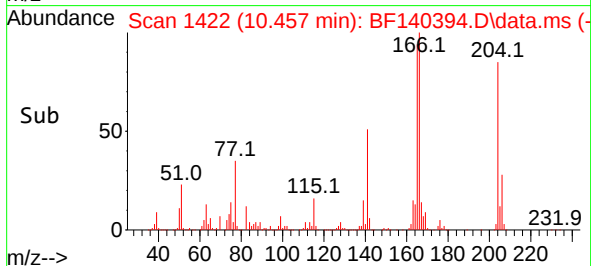
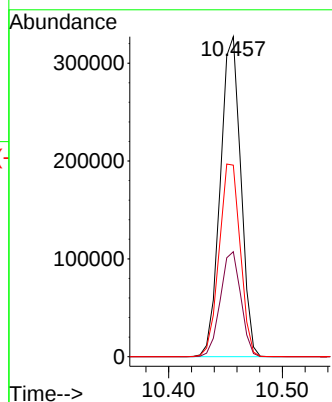
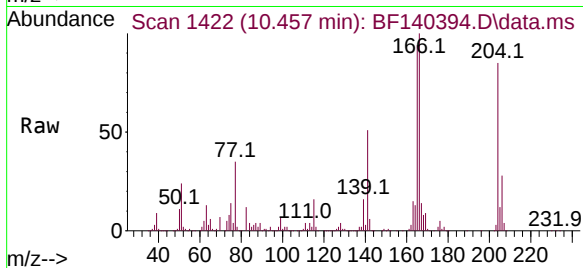
#61
4-Chlorophenyl-phenylether
Concen: 41.470 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :
BNA_F
ClientSampleId :
PB164886BS

Tgt Ion:204 Resp: 410580
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 59.9 49.8 74.8

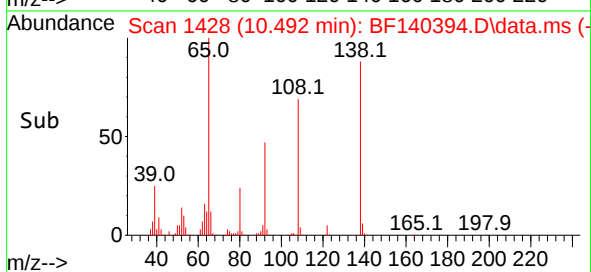
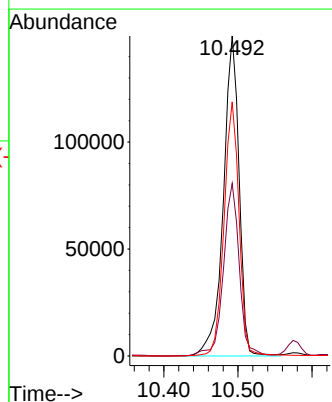
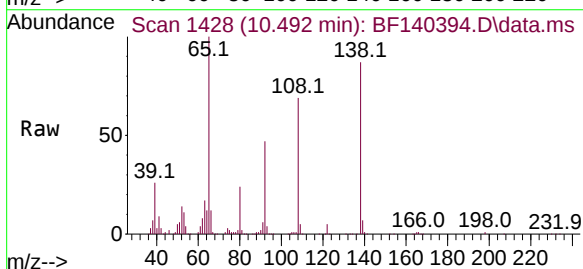
Manual Integrations
APPROVED

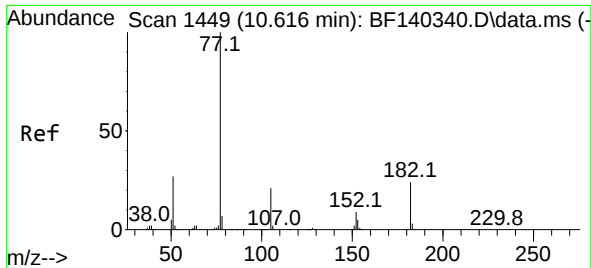
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#62
4-Nitroaniline
Concen: 43.722 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

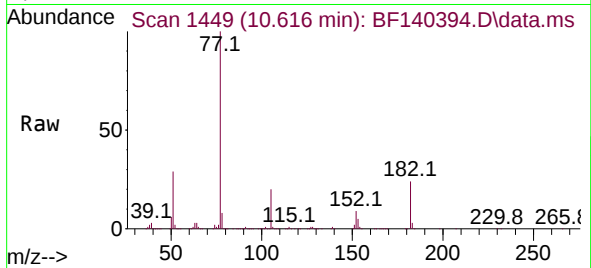
Tgt Ion:138 Resp: 220910
Ion Ratio Lower Upper
138 100
92 53.9 33.8 73.8
108 79.4 59.9 99.9





#63
Azobenzene
Concen: 42.107 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

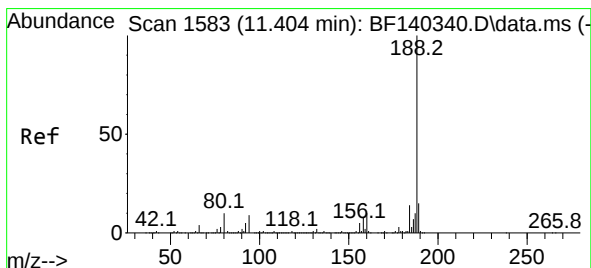
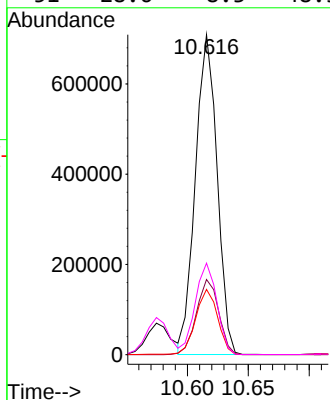
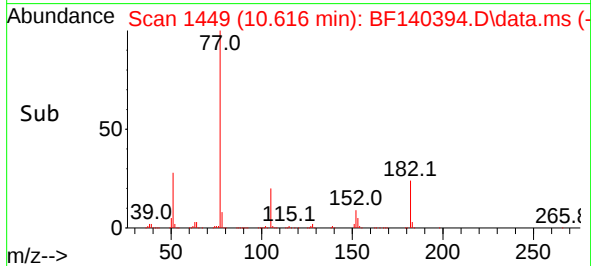
Instrument :
BNA_F
ClientSampleId :
PB164886BS



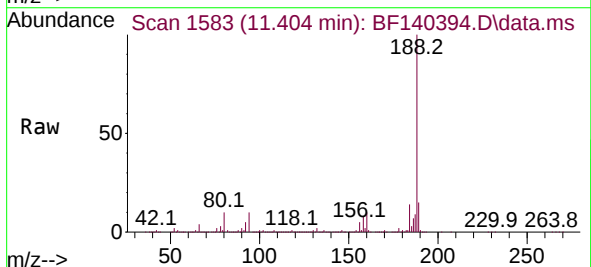
Tgt Ion: 77	Resp: 878054
Ion Ratio	Lower Upper
77 100	
182 23.5	4.6 44.6
105 20.4	0.9 40.9
51 28.6	8.3 48.3

Manual Integrations
APPROVED

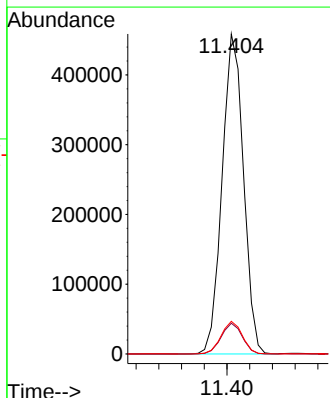
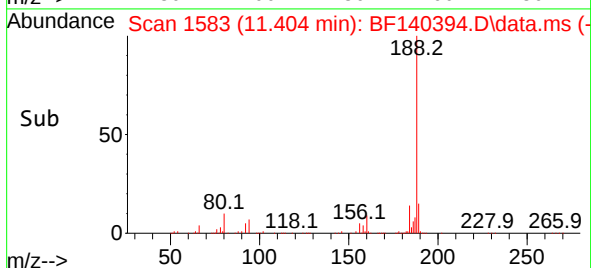
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

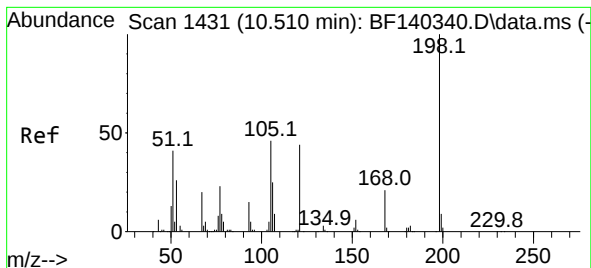


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



Tgt Ion:188	Resp: 599000
Ion Ratio	Lower Upper
188 100	
94 9.6	7.6 11.4
80 10.2	8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 49.007 ng
RT: 10.516 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

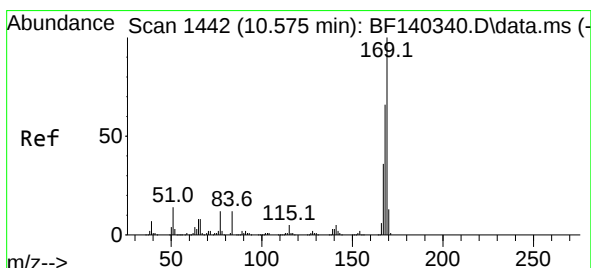
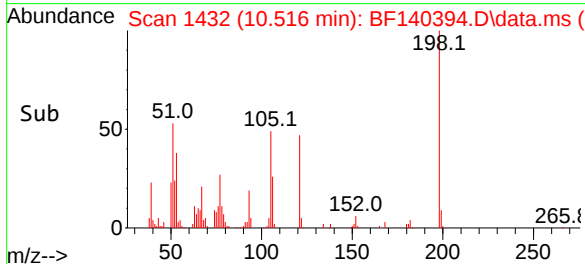
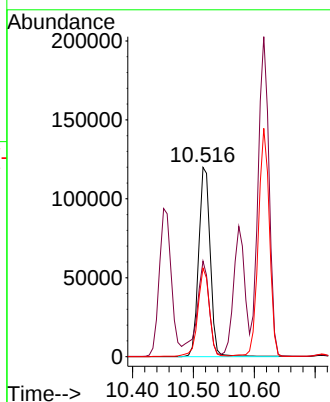
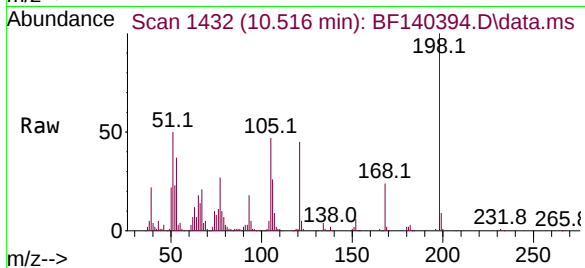
ClientSampleId :

PB164886BS

Tgt Ion:198 Resp: 15793
Ion Ratio Lower Upper
198 100
51 50.4 29.7 69.7
105 46.8 26.3 66.3

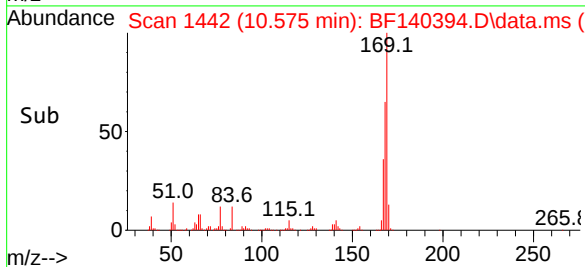
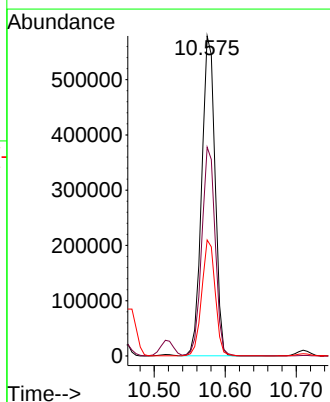
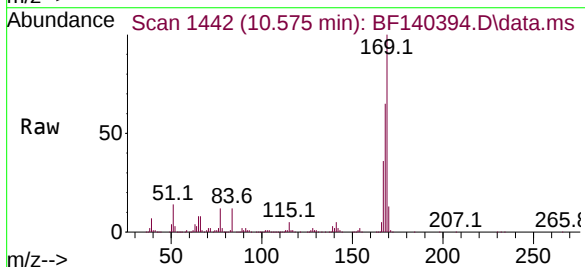
Manual Integrations
APPROVED

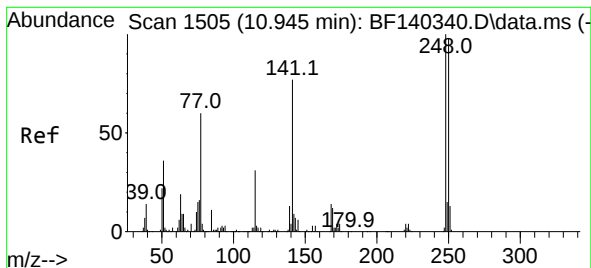
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#66
n-Nitrosodiphenylamine
Concen: 43.666 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

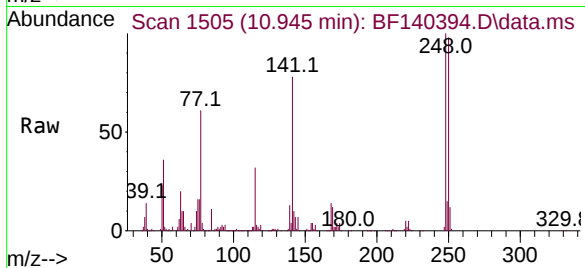
Tgt Ion:169 Resp: 755732
Ion Ratio Lower Upper
169 100
168 65.2 52.7 79.1
167 36.3 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 42.099 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

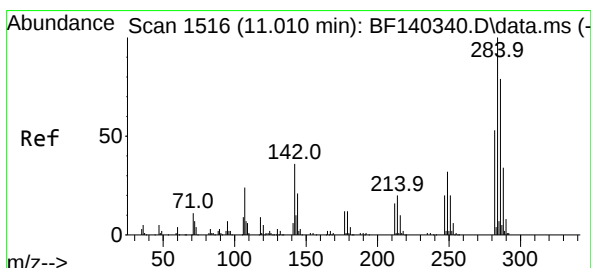
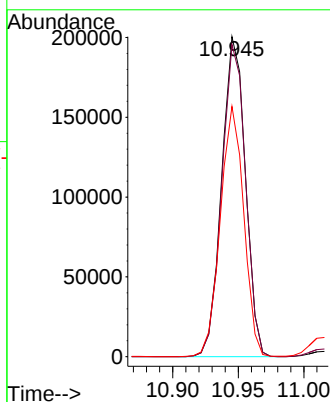
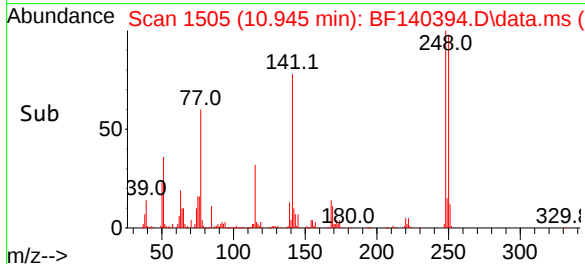
Instrument :
BNA_F
ClientSampleId :
PB164886BS



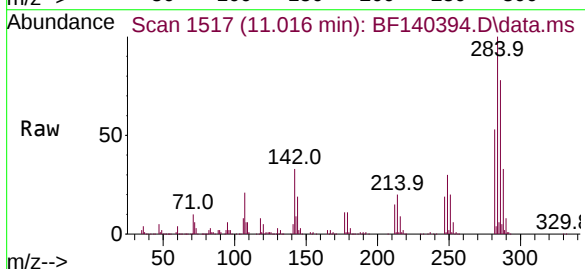
Tgt Ion:248 Resp: 252075
Ion Ratio Lower Upper
248 100
250 97.5 77.9 116.9
141 78.2 61.8 92.6

Manual Integrations
APPROVED

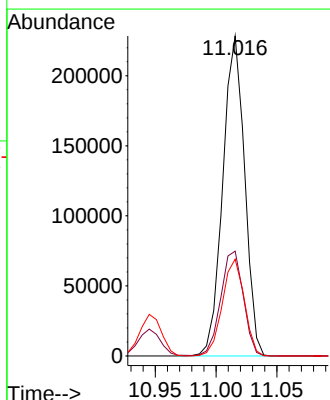
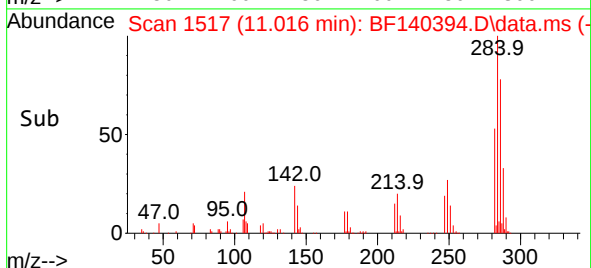
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

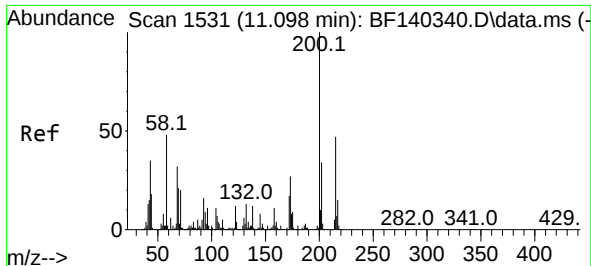


#68
Hexachlorobenzene
Concen: 42.281 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



Tgt Ion:284 Resp: 284843
Ion Ratio Lower Upper
284 100
142 32.8 28.1 42.1
249 30.2 24.9 37.3





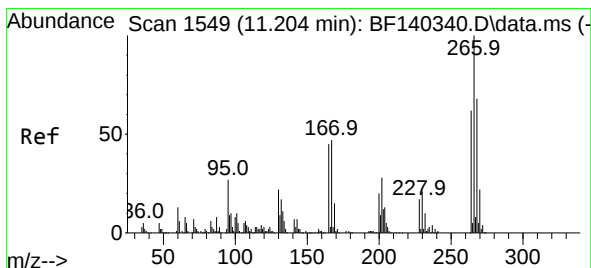
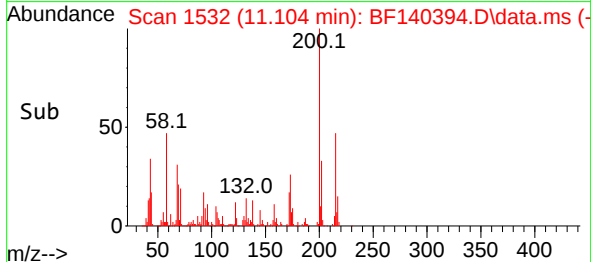
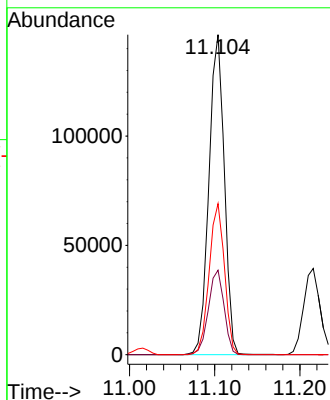
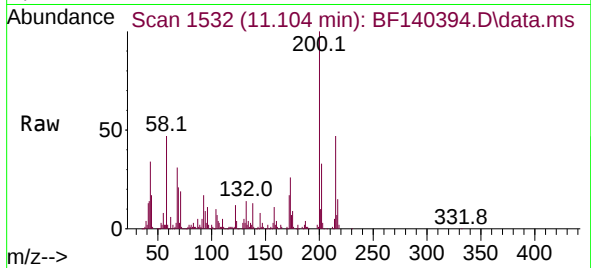
#69
 Atrazine
 Concen: 35.118 ng
 RT: 11.104 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140394.D
 Acq: 15 Nov 2024 11:00

Instrument :
 BNA_F
 ClientSampleId :
 PB164886BS

Tgt Ion:200 Resp: 18388
 Ion Ratio Lower Upper
 200 100
 173 26.4 6.6 46.6
 215 47.2 27.2 67.2

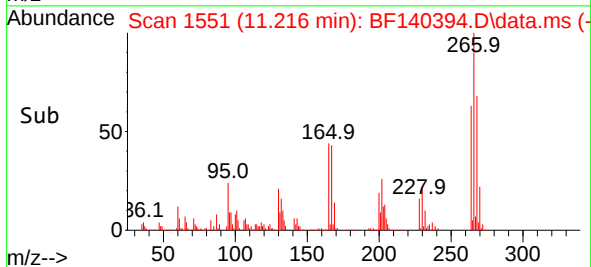
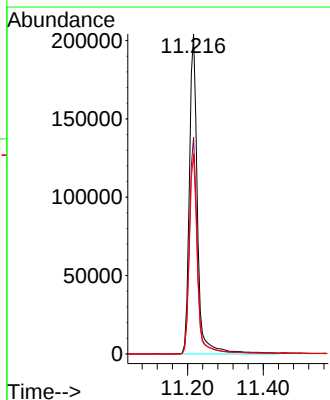
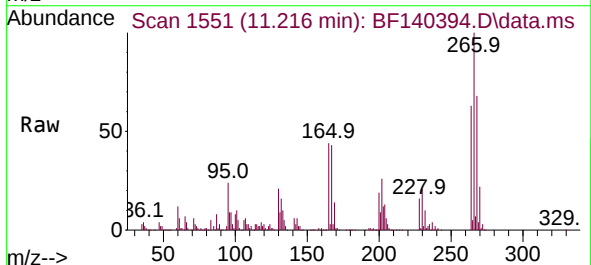
Manual Integrations
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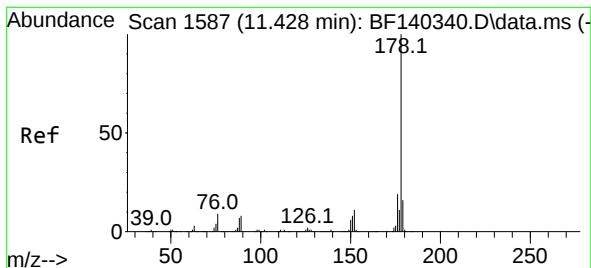
Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024



#70
 Pentachlorophenol
 Concen: 83.428 ng
 RT: 11.216 min Scan# 1551
 Delta R.T. 0.012 min
 Lab File: BF140394.D
 Acq: 15 Nov 2024 11:00

Tgt Ion:266 Resp: 302760
 Ion Ratio Lower Upper
 266 100
 268 67.7 52.9 79.3
 264 62.6 50.3 75.5





#71

Phenanthrene

Concen: 43.699 ng

RT: 11.433 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

PB164886BS

Tgt Ion:178 Resp: 1229610

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

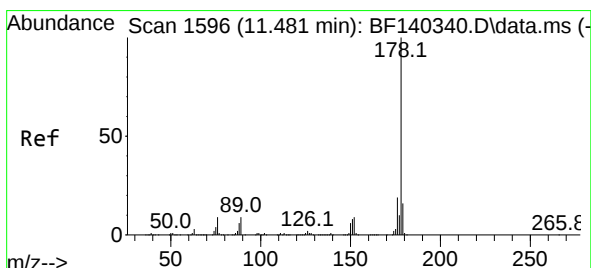
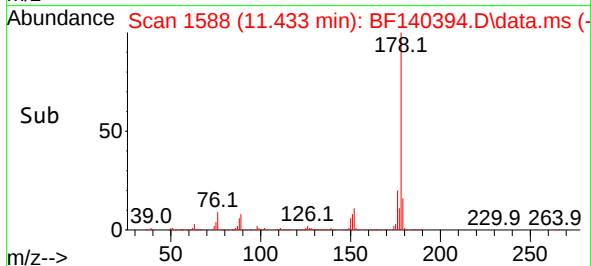
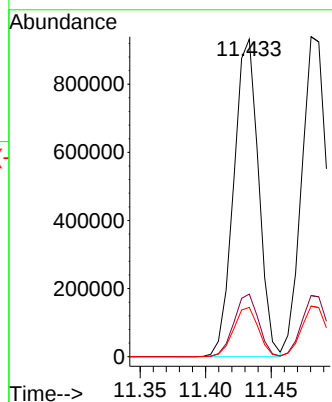
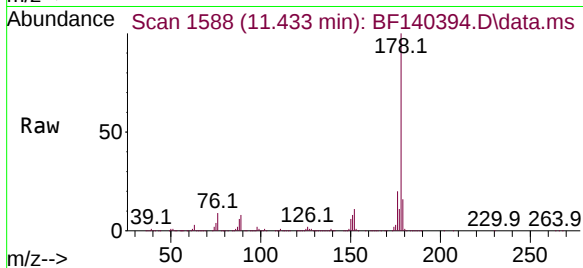
179 15.5 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#72

Anthracene

Concen: 45.310 ng

RT: 11.480 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

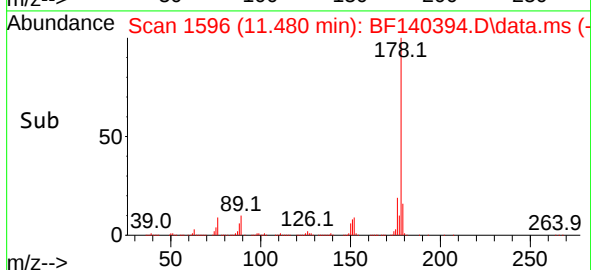
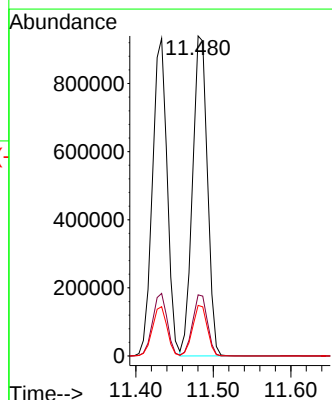
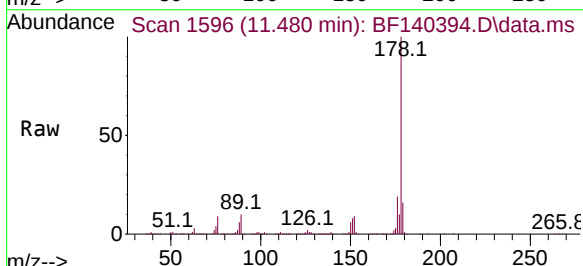
Tgt Ion:178 Resp: 1249524

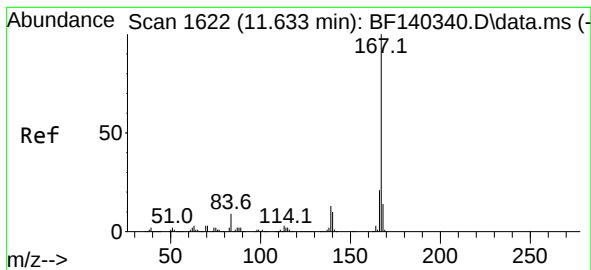
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

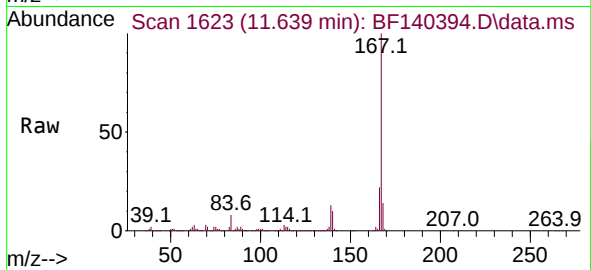
179 15.8 12.6 18.8





#73
 Carbazole
 Concen: 42.959 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF140394.D
 Acq: 15 Nov 2024 11:00

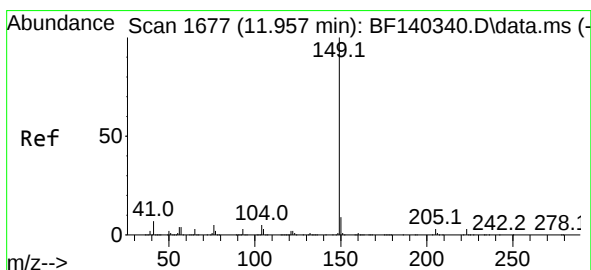
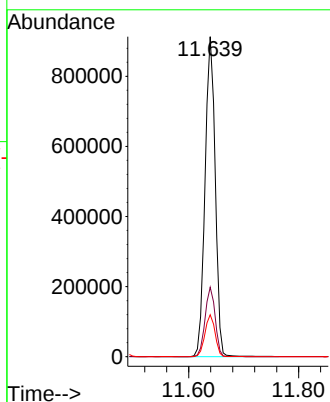
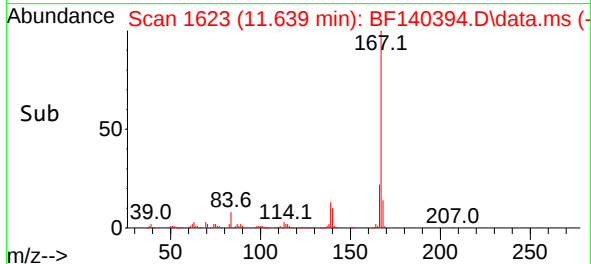
Instrument :
 BNA_F
 ClientSampleId :
 PB164886BS



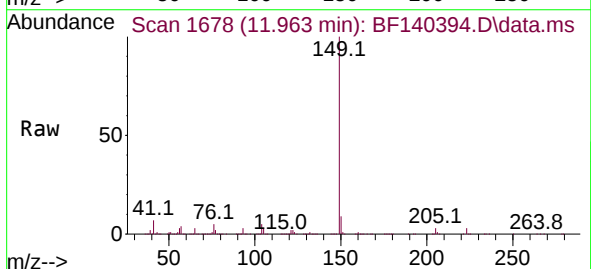
Tgt Ion:167 Resp: 116978
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.1 10.4 15.6

Manual Integrations
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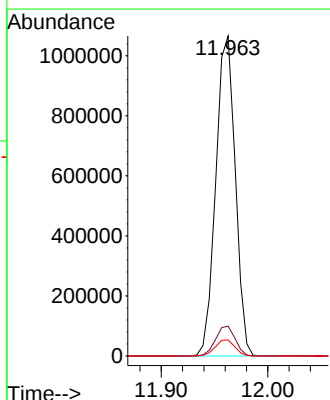
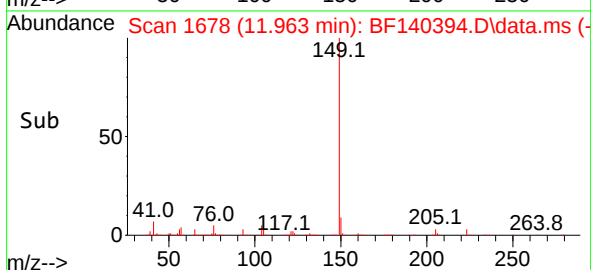
Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

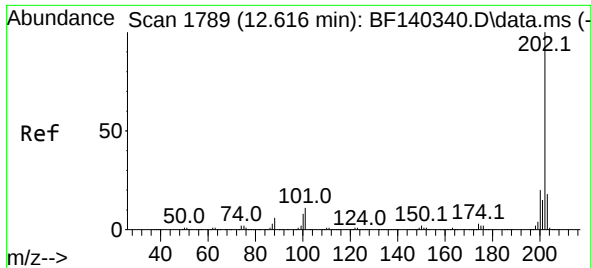


#74
 Di-n-butylphthalate
 Concen: 41.360 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.006 min
 Lab File: BF140394.D
 Acq: 15 Nov 2024 11:00



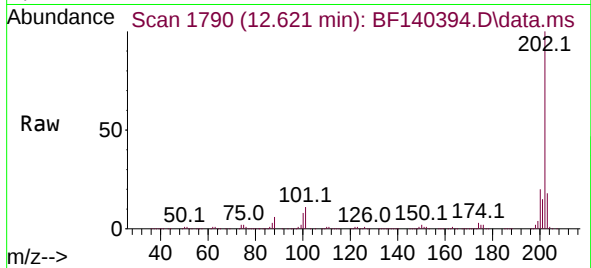
Tgt Ion:149 Resp: 1351711
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 42.037 ng
RT: 12.621 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

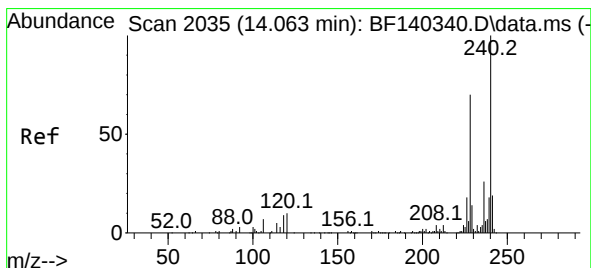
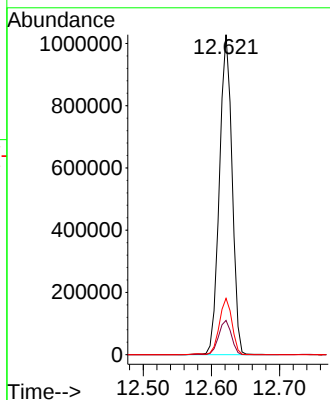
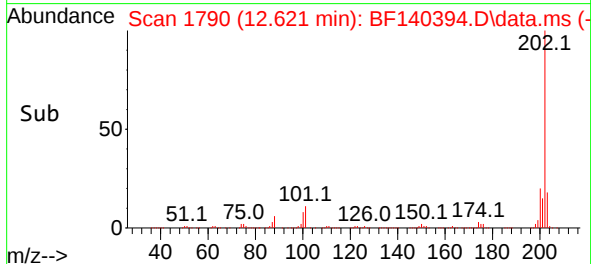
Instrument :
BNA_F
ClientSampleId :
PB164886BS



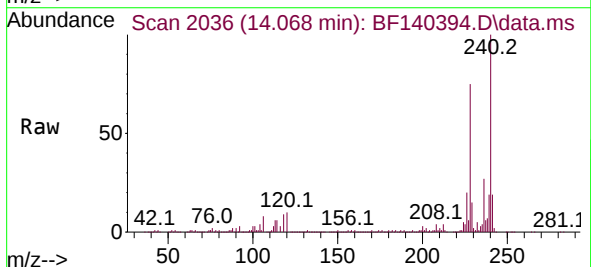
Tgt Ion:202 Resp: 1327049
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.7
203 17.6 0.0 37.7

Manual Integrations
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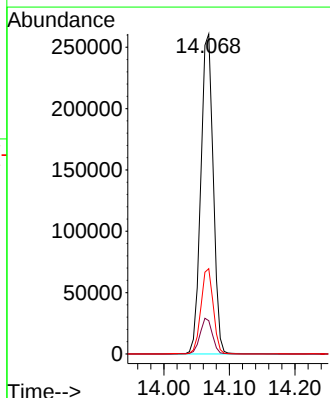
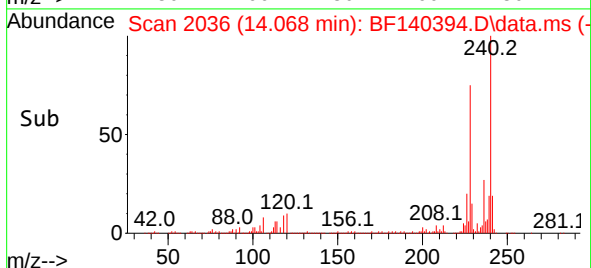
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

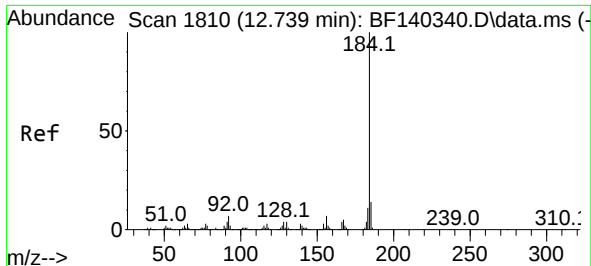


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



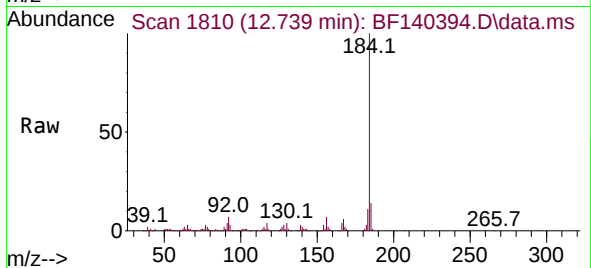
Tgt Ion:240 Resp: 344150
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 26.7 20.9 31.3





#77
Benzidine
Concen: 18.532 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

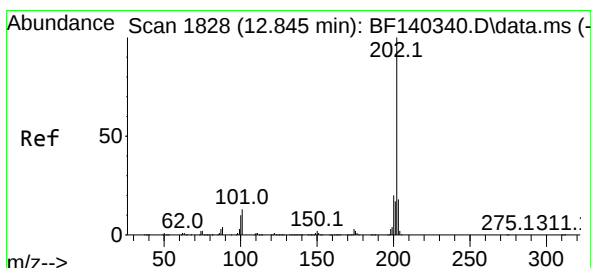
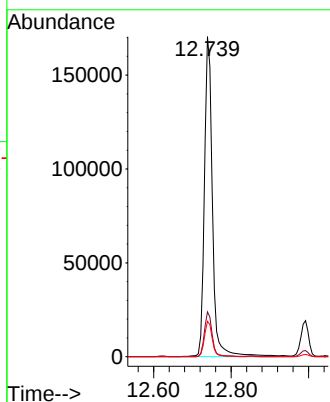
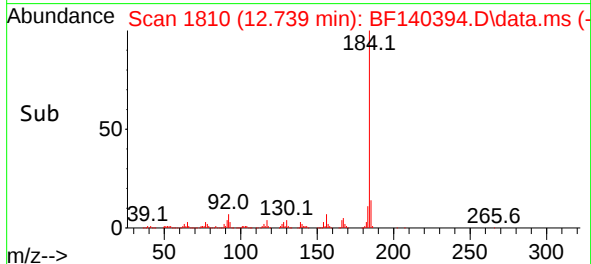
Instrument :
BNA_F
ClientSampleId :
PB164886BS



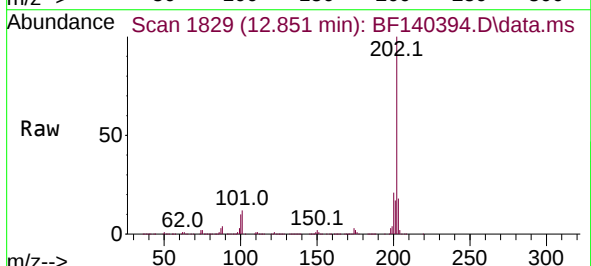
Tgt Ion:184 Resp: 244785
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.0 8.6 13.0

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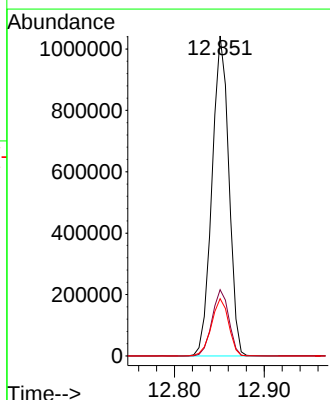
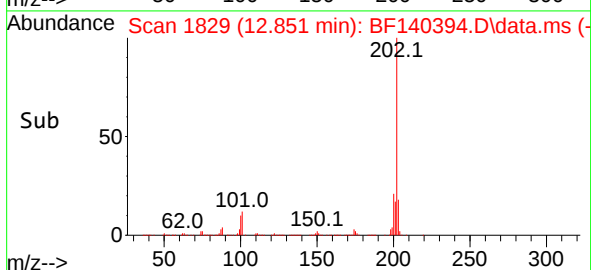
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

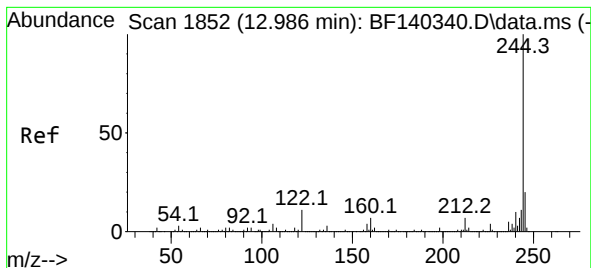


#78
Pyrene
Concen: 46.147 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



Tgt Ion:202 Resp: 1358443
Ion Ratio Lower Upper
202 100
200 20.7 16.2 24.2
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 93.205 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF140394.D

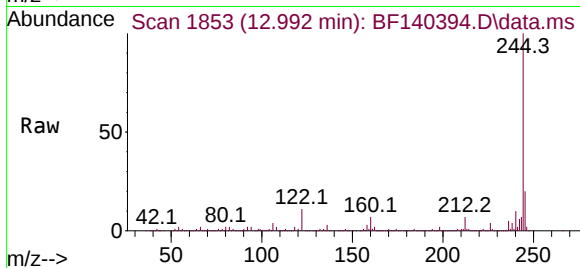
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

PB164886BS



Tgt Ion:244 Resp: 1847948

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

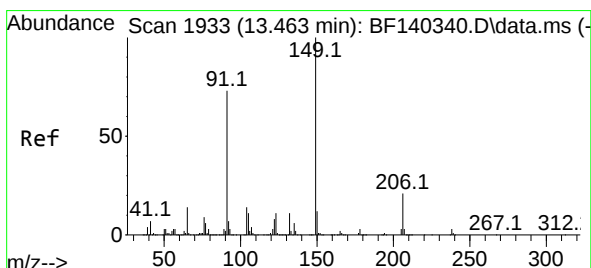
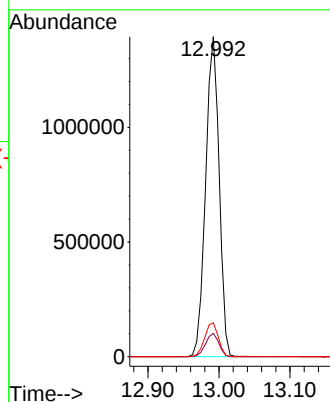
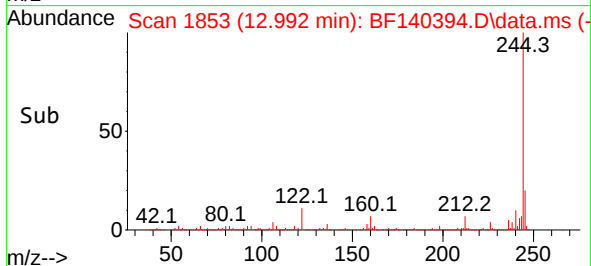
122 10.5 8.8 13.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#80

Butylbenzylphthalate

Concen: 46.226 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

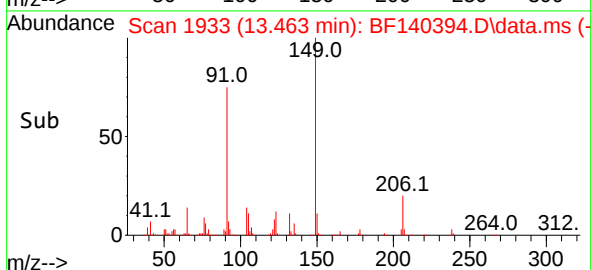
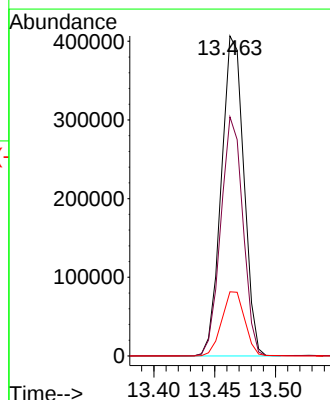
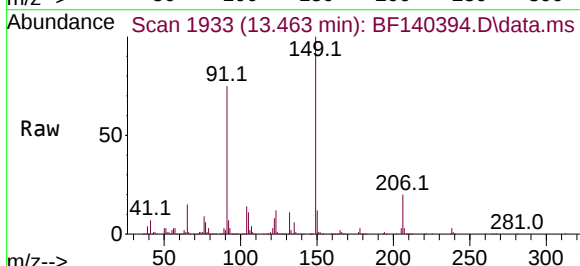
Tgt Ion:149 Resp: 522743

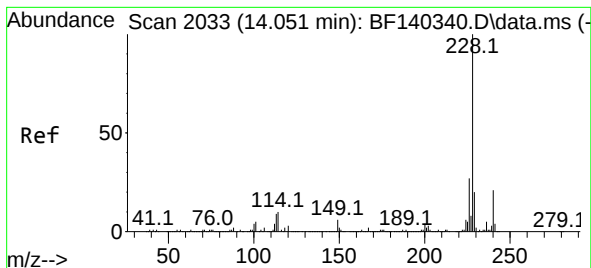
Ion Ratio Lower Upper

149 100

91 74.7 61.0 91.4

206 20.1 16.1 24.1





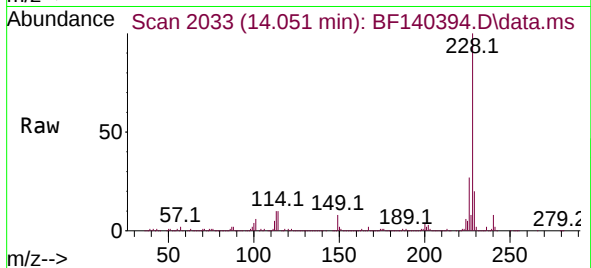
#81
Benzo(a)anthracene
Concen: 45.816 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.012 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

PB164886BS

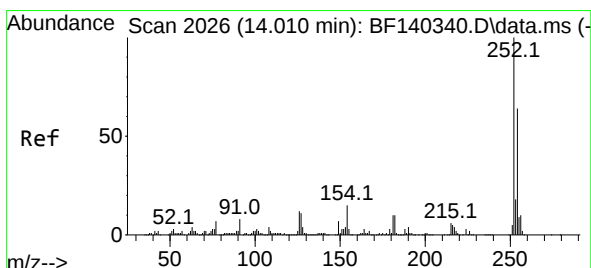
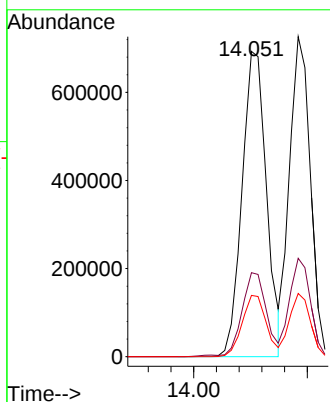
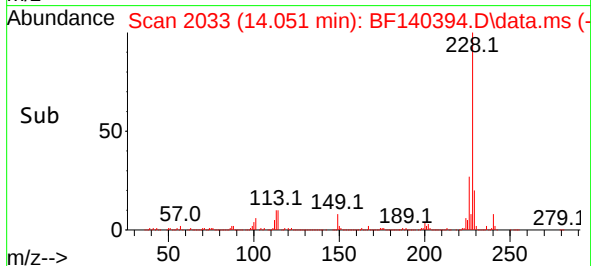


Tgt Ion:228 Resp: 1036279
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 20.1 15.8 23.6

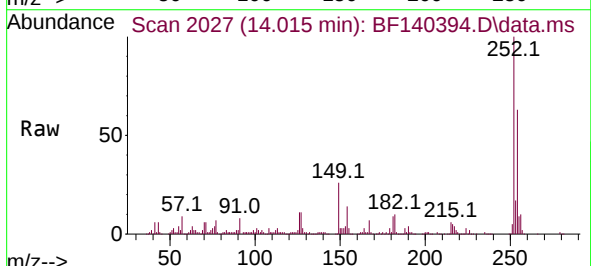
Manual Integrations

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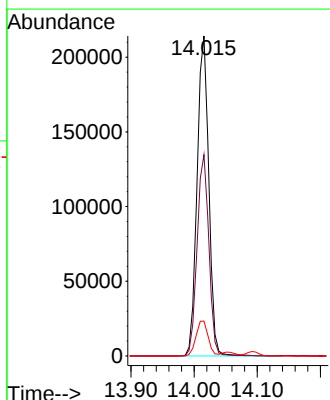
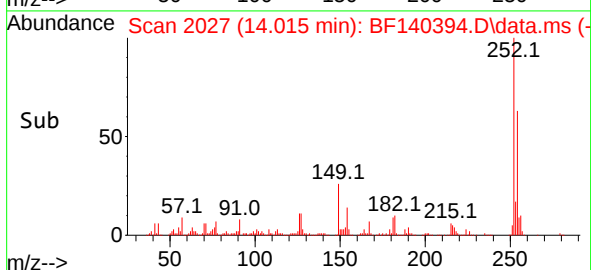
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

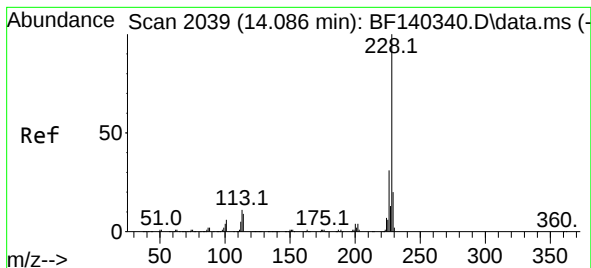


#82
3,3'-Dichlorobenzidine
Concen: 38.330 ng
RT: 14.015 min Scan# 2027
Delta R.T. 0.018 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



Tgt Ion:252 Resp: 275560
Ion Ratio Lower Upper
252 100
254 62.9 51.4 77.2
126 10.9 9.4 14.0





#83

Chrysene

Concen: 44.951 ng

RT: 14.092 min Scan# 2039

Delta R.T. 0.012 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

PB164886BS

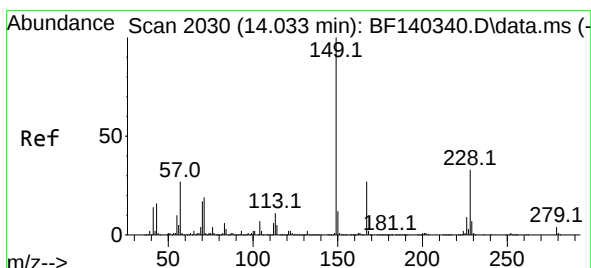
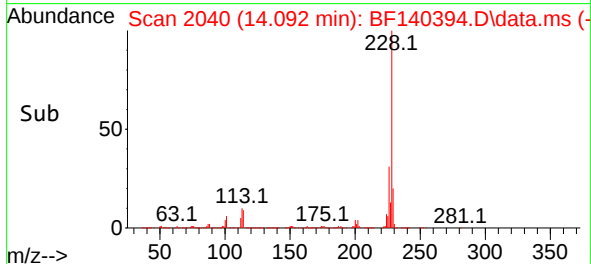
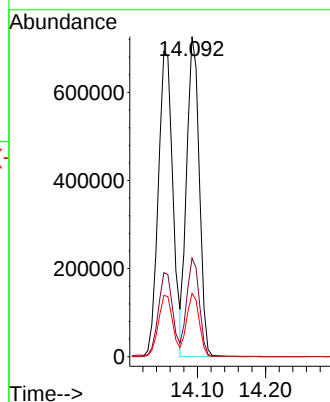
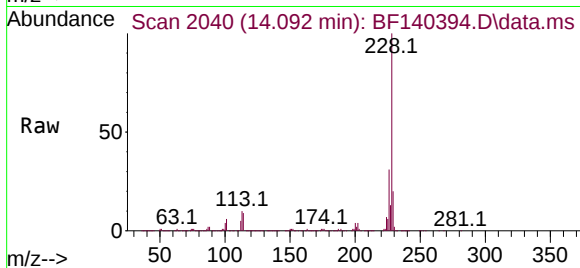
Tgt Ion:228 Resp: 927679
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.5 36.7
 229 19.8 16.0 24.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.383 ng

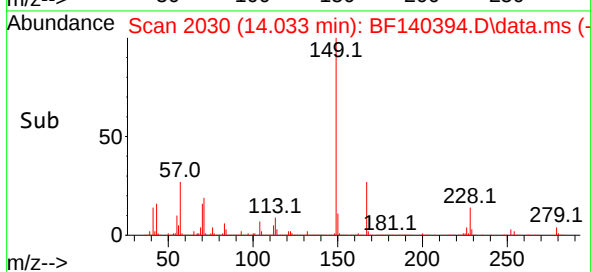
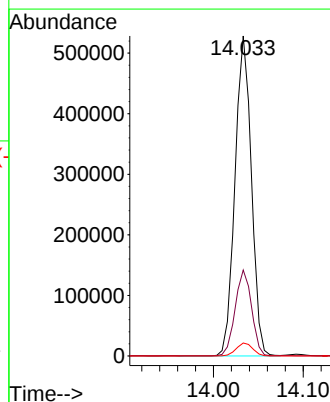
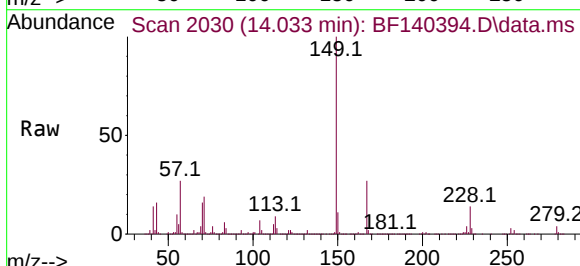
RT: 14.033 min Scan# 2030

Delta R.T. 0.012 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

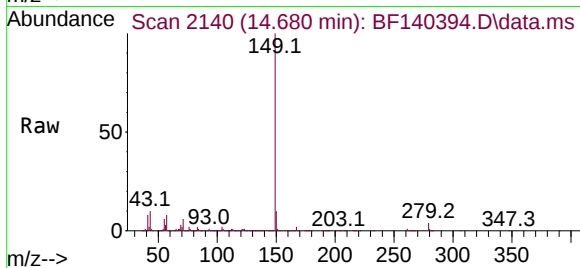
Tgt Ion:149 Resp: 669927
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.4 32.0
 279 4.0 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 43.682 ng
RT: 14.680 min Scan# 2140
Delta R.T. 0.018 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

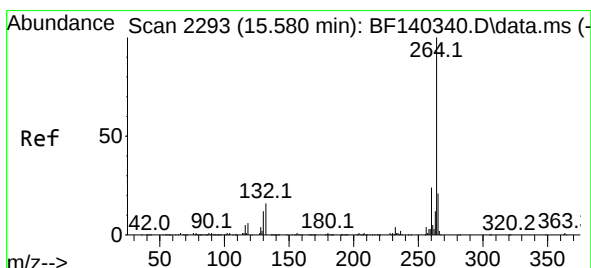
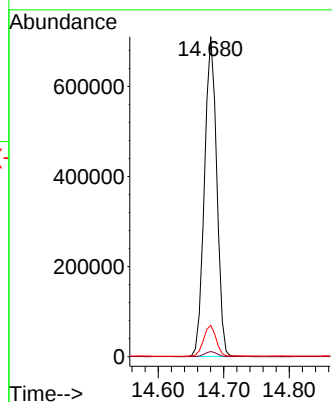
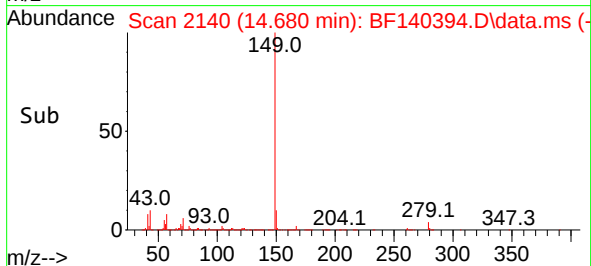
Instrument :
BNA_F
ClientSampleId :
PB164886BS



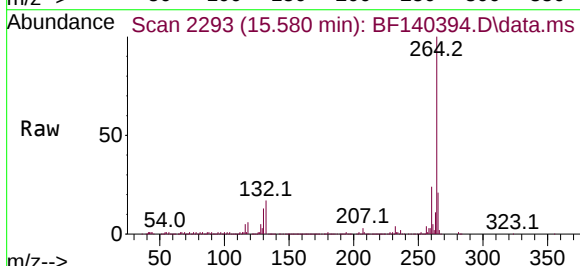
Tgt Ion:149 Resp: 928629
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 8.0 12.0

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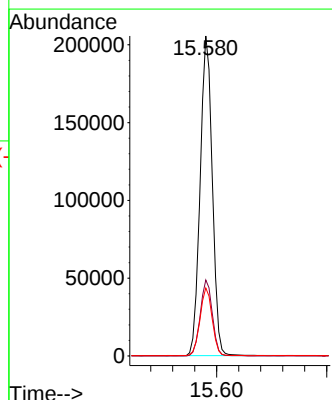
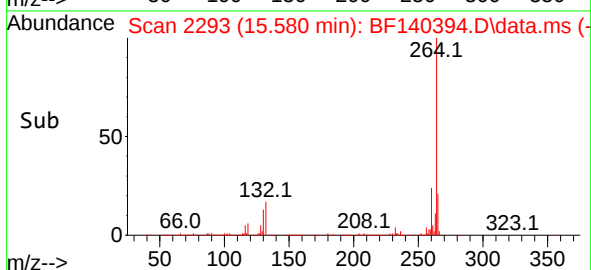
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

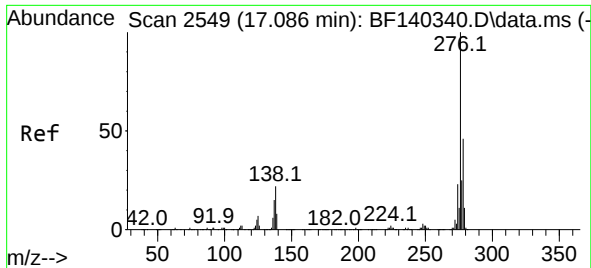


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2293
Delta R.T. 0.023 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00



Tgt Ion:264 Resp: 315700
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.3 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.006 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

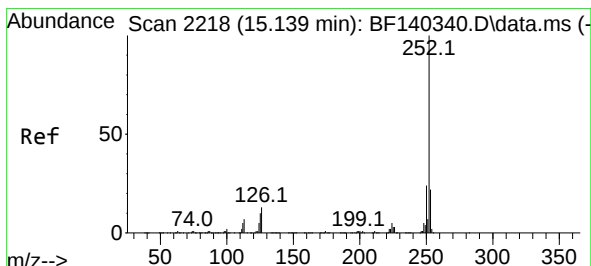
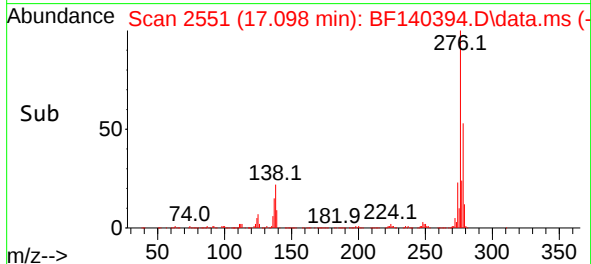
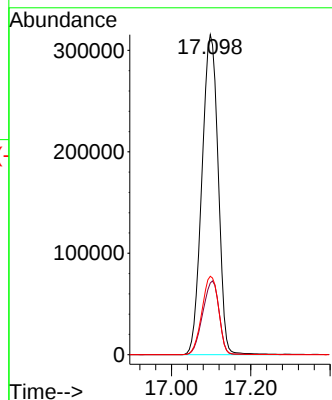
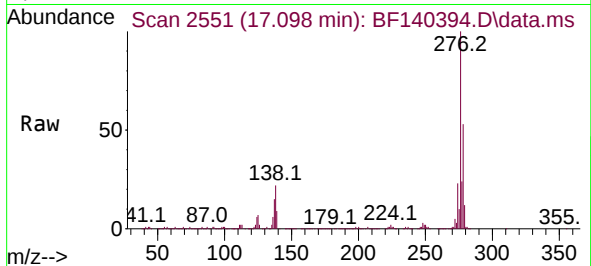
ClientSampleId :

PB164886BS

Tgt Ion:276 Resp: 897189
Ion Ratio Lower Upper
276 100
138 23.1 18.8 28.2
277 25.1 20.2 30.2

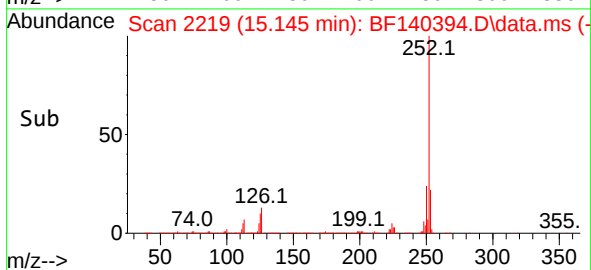
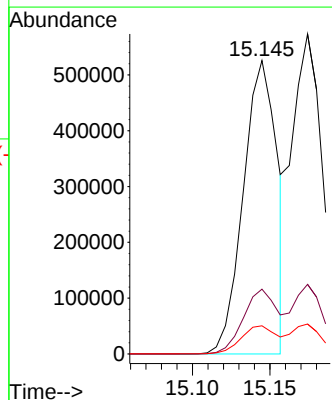
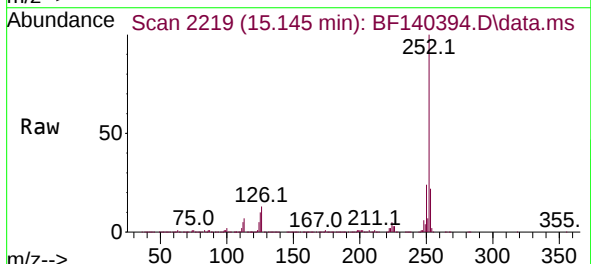
Manual Integrations
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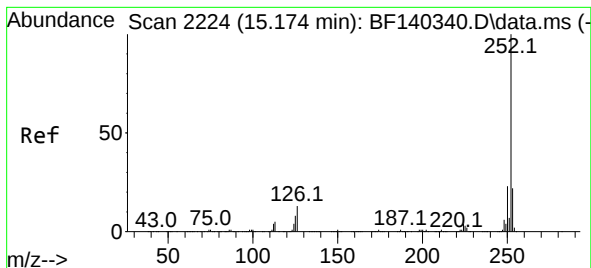
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#88
Benzo(b)fluoranthene
Concen: 38.546 ng
RT: 15.145 min Scan# 2219
Delta R.T. 0.029 min
Lab File: BF140394.D
Acq: 15 Nov 2024 11:00

Tgt Ion:252 Resp: 796026
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.6 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.749 ng

RT: 15.174 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

PB164886BS

Tgt Ion:252 Resp: 78869

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

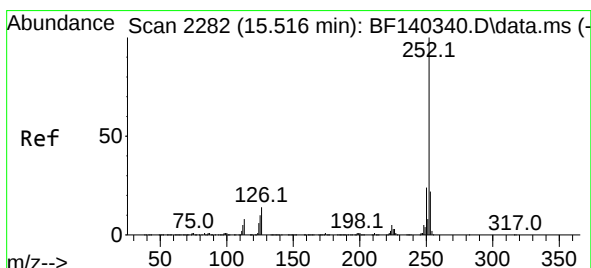
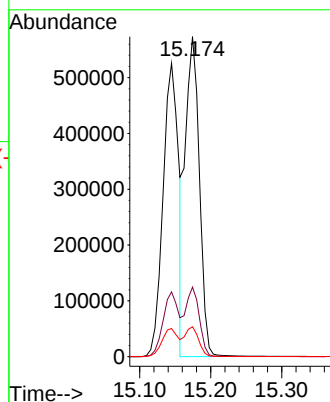
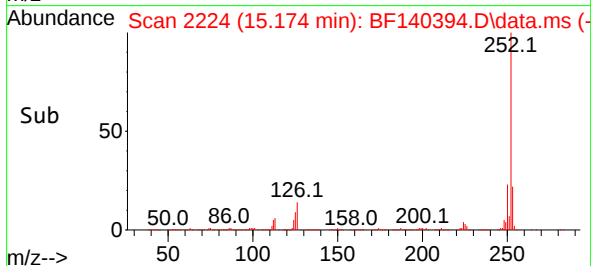
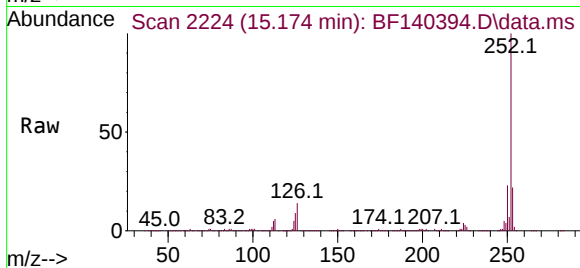
125 9.3 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#90

Benzo(a)pyrene

Concen: 46.659 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.029 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

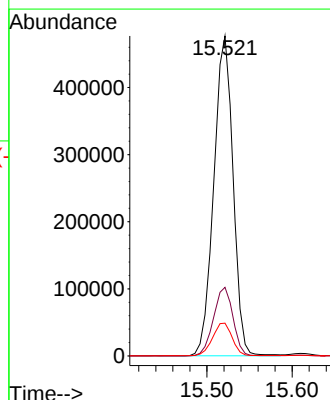
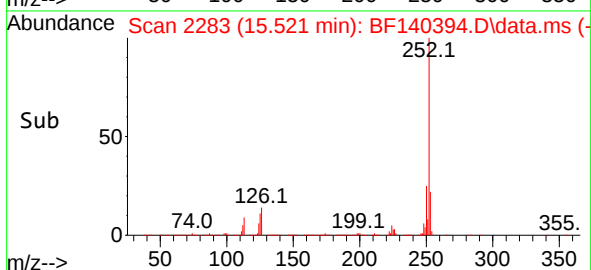
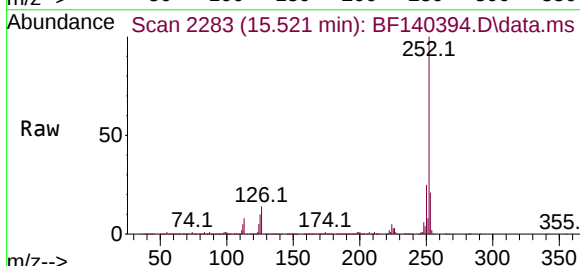
Tgt Ion:252 Resp: 748285

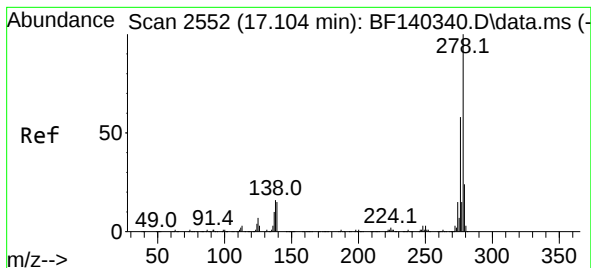
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 10.3 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 45.283 ng

RT: 17.115 min Scan# 2554

Delta R.T. 0.041 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

PB164886BS

Tgt Ion:278 Resp: 72996

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.8

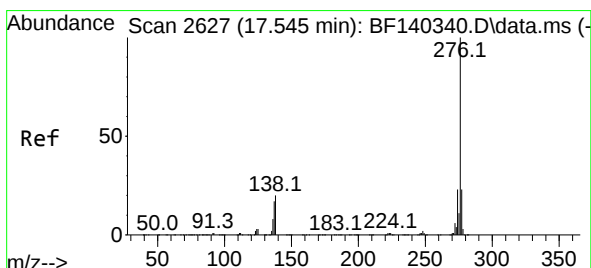
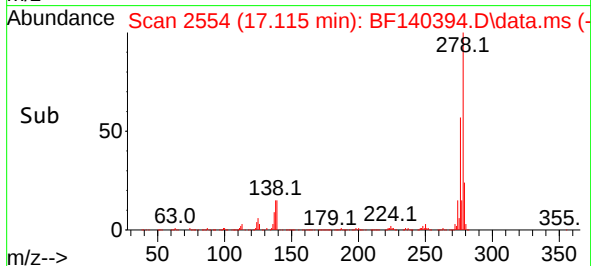
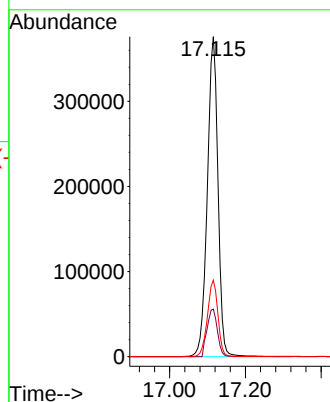
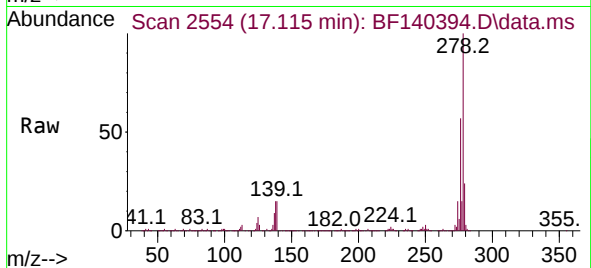
279 23.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#92

Benzo(g,h,i)perylene

Concen: 41.454 ng

RT: 17.556 min Scan# 2629

Delta R.T. 0.041 min

Lab File: BF140394.D

Acq: 15 Nov 2024 11:00

Tgt Ion:276 Resp: 683162

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 19.7 16.0 24.0

