

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140030.D
 Acq On : 25 Oct 2024 11:41
 Operator : RC/JU
 Sample : PB164374BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164374BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 25 12:08:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	100886	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	391509	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	214233	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	384147	20.000	ng	0.00
76) Chrysene-d12	14.057	240	203575	20.000	ng	0.00
86) Perylene-d12	15.533	264	193759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	793076	123.065	ng	0.02
7) Phenol-d6	6.516	99	1003446	120.223	ng	0.00
23) Nitrobenzene-d5	7.451	82	661673	93.669	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	300787	150.103	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1184155	91.351	ng	0.00
79) Terphenyl-d14	12.998	244	1268534	101.538	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	107805	35.879	ng	97
3) Pyridine	3.528	79	288257	38.704	ng	97
4) n-Nitrosodimethylamine	3.481	42	173005	43.236	ng	95
6) Aniline	6.551	93	318952	41.003	ng	100
8) 2-Chlorophenol	6.675	128	312031	47.363	ng	97
9) Benzaldehyde	6.439	77	64105	13.653	ng	98
10) Phenol	6.528	94	387098m	44.986	ng	
11) bis(2-Chloroethyl)ether	6.628	93	286888	43.135	ng	99
12) 1,3-Dichlorobenzene	6.834	146	335607	44.377	ng	100
13) 1,4-Dichlorobenzene	6.910	146	339755	44.968	ng	99
14) 1,2-Dichlorobenzene	7.057	146	328181	46.540	ng	99
15) Benzyl Alcohol	7.028	79	290610	47.466	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	466707	41.153	ng	96
17) 2-Methylphenol	7.139	107	251978	44.854	ng	97
18) Hexachloroethane	7.404	117	124151	46.079	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	223903	44.231	ng	96
20) 3+4-Methylphenols	7.292	107	316250	44.013	ng	# 77
22) Acetophenone	7.298	105	431047	44.951	ng	99
24) Nitrobenzene	7.475	77	344463	44.476	ng	100
25) Isophorone	7.710	82	606860	45.263	ng	99
26) 2-Nitrophenol	7.786	139	160329	54.874	ng	98
27) 2,4-Dimethylphenol	7.822	122	254983	52.337	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	352686	43.418	ng	99
29) 2,4-Dichlorophenol	8.028	162	257196	46.348	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	273240	44.499	ng	98
31) Naphthalene	8.192	128	904628	44.802	ng	100
32) Benzoic acid	7.934	122	182063	42.846	ng	99
33) 4-Chloroaniline	8.239	127	142823	20.744	ng	97
34) Hexachlorobutadiene	8.310	225	178831	46.353	ng	100
35) Caprolactam	8.610	113	81837m	46.380	ng	
36) 4-Chloro-3-methylphenol	8.716	107	282495	45.974	ng	100
37) 2-Methylnaphthalene	8.886	142	569838	46.080	ng	100
38) 1-Methylnaphthalene	8.986	142	527797	43.502	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	269898	46.698	ng	98
41) Hexachlorocyclopentadiene	9.039	237	372714	185.333	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	199578	48.773	ng	100

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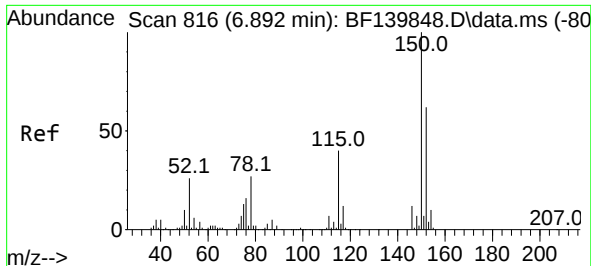
Quant Time: Oct 25 12:08:38 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	198949	47.125	ng	98
46) 1,1'-Biphenyl	9.351	154	685910	45.992	ng	99
47) 2-Chloronaphthalene	9.375	162	545380	45.404	ng	99
48) 2-Nitroaniline	9.469	65	188650	51.351	ng	94
49) Acenaphthylene	9.792	152	857267	49.366	ng	100
50) Dimethylphthalate	9.651	163	619174	46.401	ng	100
51) 2,6-Dinitrotoluene	9.710	165	137924	47.737	ng	99
52) Acenaphthene	9.963	154	604239	53.789	ng	100
53) 3-Nitroaniline	9.875	138	94828	31.826	ng	98
54) 2,4-Dinitrophenol	9.986	184	155861	125.771	ng	# 1
55) Dibenzofuran	10.133	168	754314	46.801	ng	99
56) 4-Nitrophenol	10.033	139	236075	102.985	ng	94
57) 2,4-Dinitrotoluene	10.116	165	191515	53.902	ng	98
58) Fluorene	10.480	166	577977	47.082	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	165825	50.105	ng	99
60) Diethylphthalate	10.351	149	597533	45.606	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	287843	46.431	ng	99
62) 4-Nitroaniline	10.492	138	144160	51.228	ng	95
63) Azobenzene	10.627	77	614092	44.211	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	104261	66.539	ng	94
66) n-Nitrosodiphenylamine	10.586	169	527823	45.908	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	183825	46.450	ng	99
68) Hexachlorobenzene	11.027	284	210019	47.187	ng	97
69) Atrazine	11.116	200	170592	54.774	ng	99
70) Pentachlorophenol	11.216	266	260905	96.588	ng	100
71) Phenanthrene	11.439	178	858420	47.308	ng	100
72) Anthracene	11.492	178	872145	49.262	ng	100
73) Carbazole	11.645	167	775573	47.103	ng	99
74) Di-n-butylphthalate	11.974	149	873378	45.912	ng	100
75) Fluoranthene	12.627	202	881421	48.050	ng	99
77) Benzidine	12.745	184	210534	62.894	ng	99
78) Pyrene	12.857	202	895090	50.231	ng	100
80) Butylbenzylphthalate	13.474	149	290878	54.448	ng	97
81) Benzo(a)anthracene	14.045	228	663969	50.103	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	135101	34.965	ng	99
83) Chrysene	14.080	228	603436	49.663	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	316605	52.822	ng	99
85) Di-n-octyl phthalate	14.645	149	452867	41.540	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	640442	51.379	ng	97
88) Benzo(b)fluoranthene	15.098	252	582607	49.361	ng	99
89) Benzo(k)fluoranthene	15.127	252	466644	45.843	ng	99
90) Benzo(a)pyrene	15.468	252	505655	52.066	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	520633	50.068	ng	98
92) Benzo(g,h,i)perylene	17.486	276	501438	48.276	ng	96

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

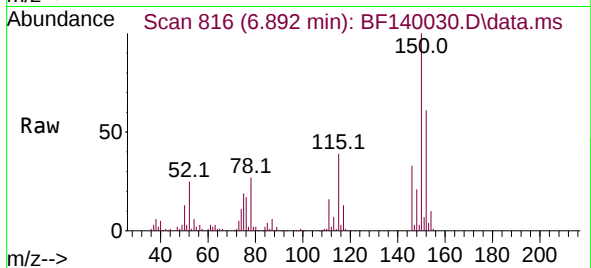
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

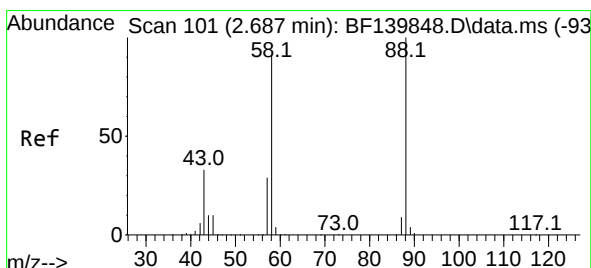
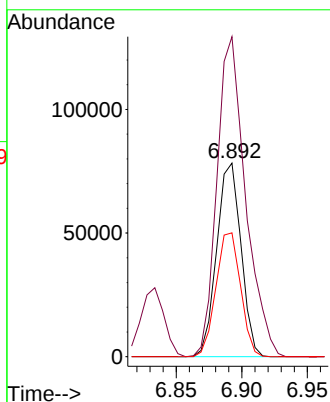
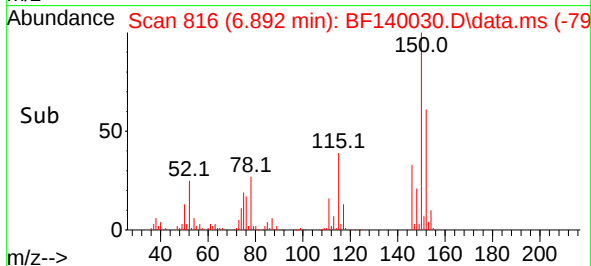
Instrument :
BNA_F
ClientSampleId :
PB164374BS



Tgt Ion:152 Resp: 100880
Ion Ratio Lower Upper
152 100
150 165.2 130.2 195.2
115 63.9 51.4 77.2

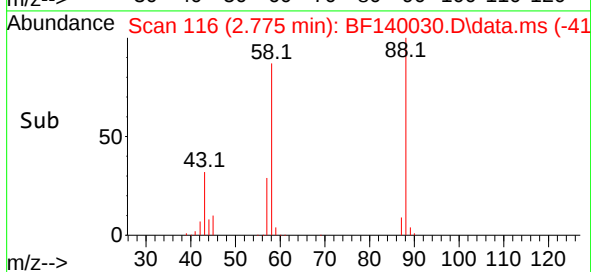
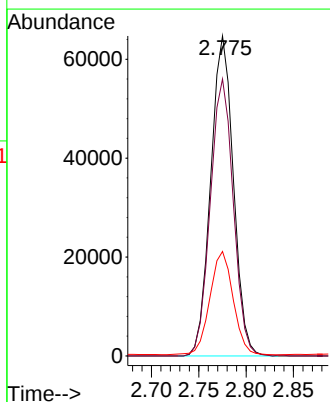
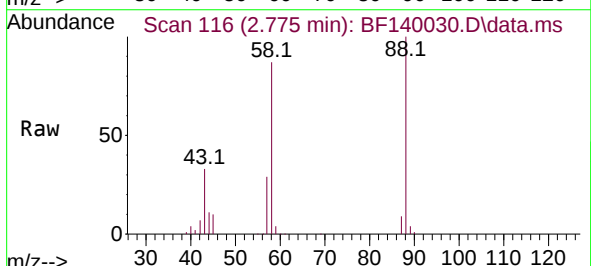
Manual Integrations
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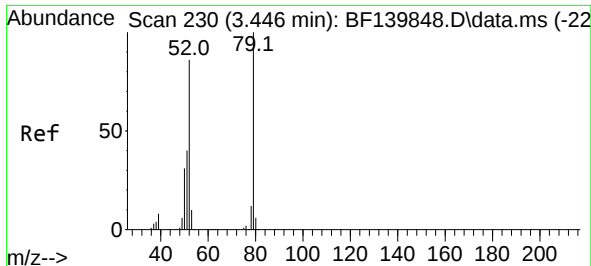
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#2
1,4-Dioxane
Concen: 35.879 ng
RT: 2.775 min Scan# 116
Delta R.T. 0.088 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion: 88 Resp: 107805
Ion Ratio Lower Upper
88 100
58 87.8 73.3 109.9
43 33.1 27.1 40.7





#3

Pyridine

Concen: 38.704 ng

RT: 3.528 min Scan# 24

Delta R.T. 0.082 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

Tgt Ion: 79 Resp: 28825

Ion Ratio Lower Upper

79 100

52 81.9 68.5 102.7

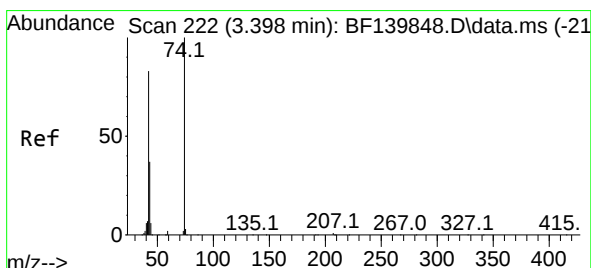
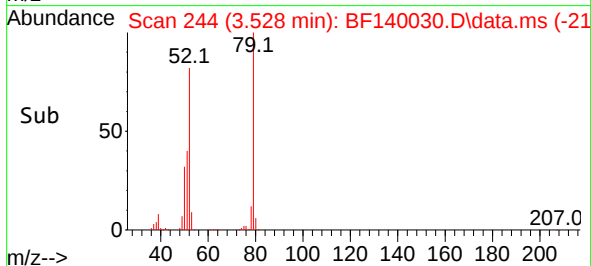
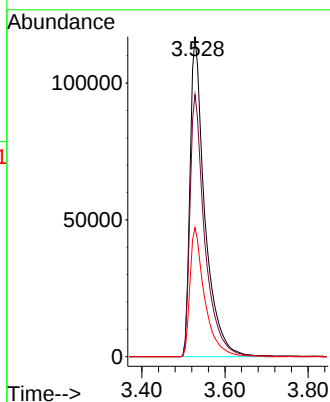
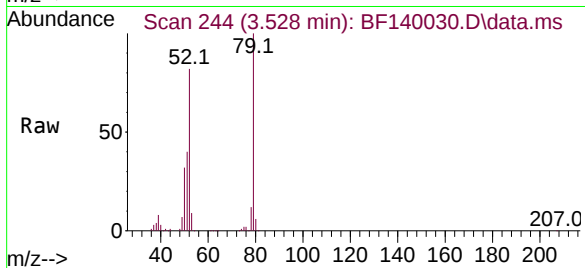
51 40.3 32.3 48.5

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 43.236 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.082 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

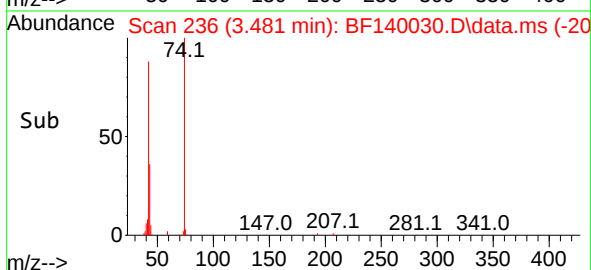
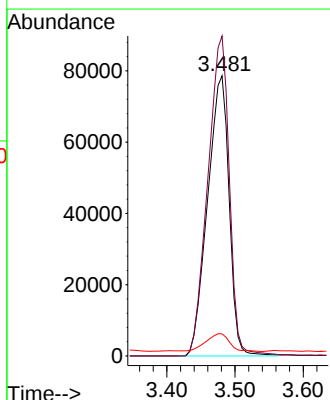
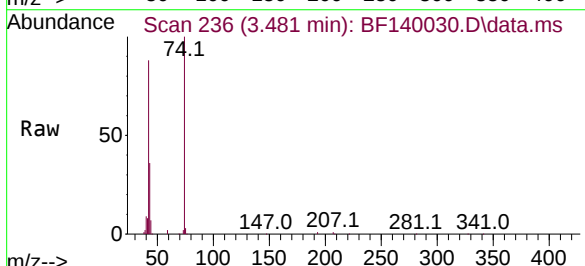
Tgt Ion: 42 Resp: 173005

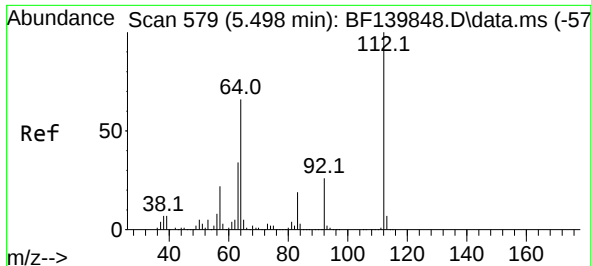
Ion Ratio Lower Upper

42 100

74 114.2 96.2 144.4

44 7.9 6.2 9.2





#5
2-Fluorophenol
Concen: 123.065 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

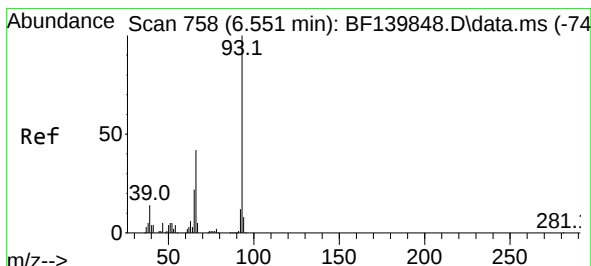
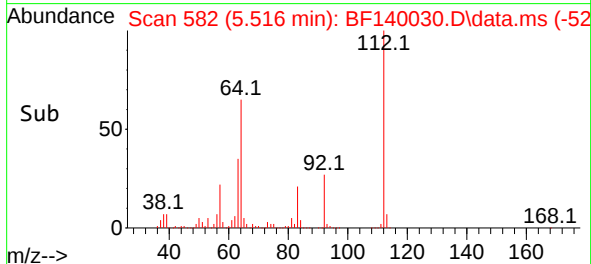
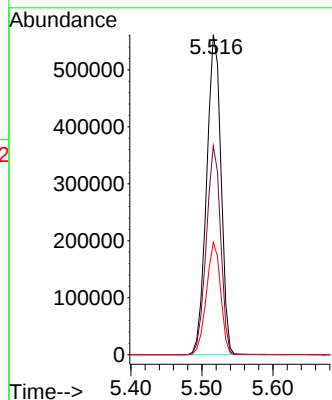
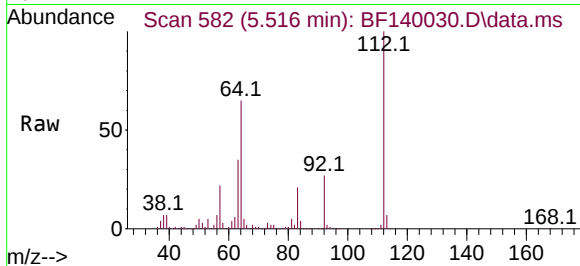
ClientSampleId :

PB164374BS

Tgt Ion: 112 Resp: 793070
Ion Ratio Lower Upper
112 100
64 65.3 53.0 79.6
63 35.1 27.0 40.4

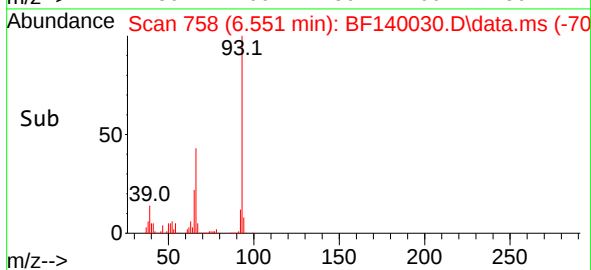
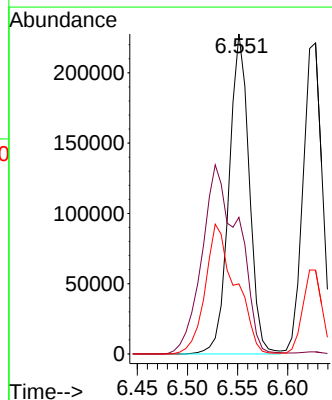
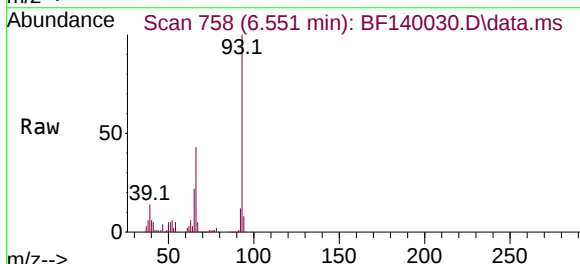
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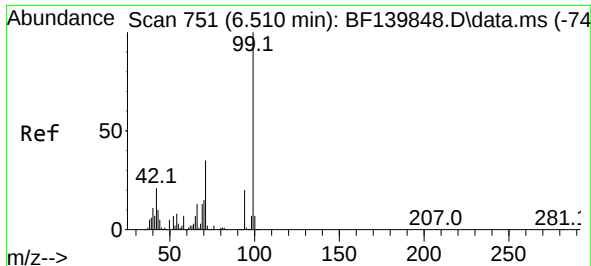
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#6
Aniline
Concen: 41.003 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

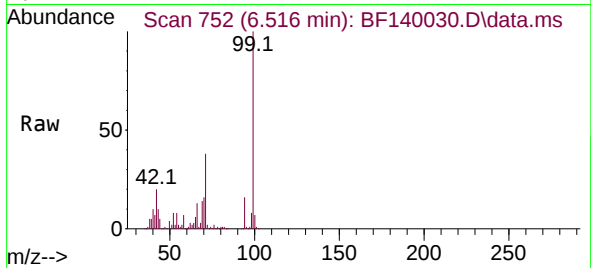
Tgt Ion: 93 Resp: 318952
Ion Ratio Lower Upper
93 100
66 42.7 34.0 51.0
65 21.9 17.4 26.0





#7
Phenol-d6
Concen: 120.223 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

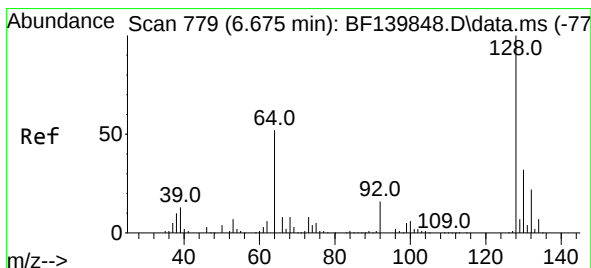
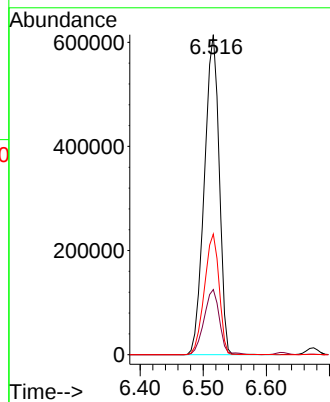
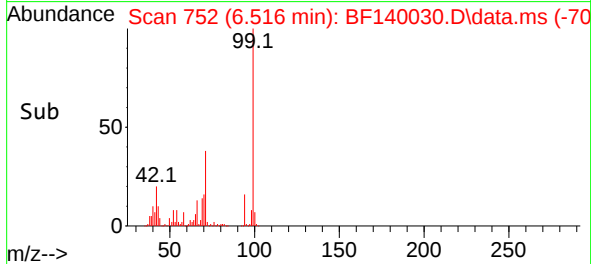
Instrument :
BNA_F
ClientSampleId :
PB164374BS



Tgt Ion: 99 Resp: 100344
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 37.7 27.7 41.5

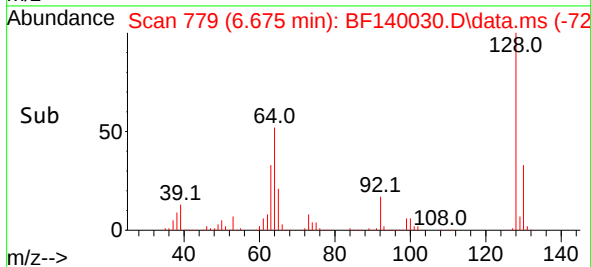
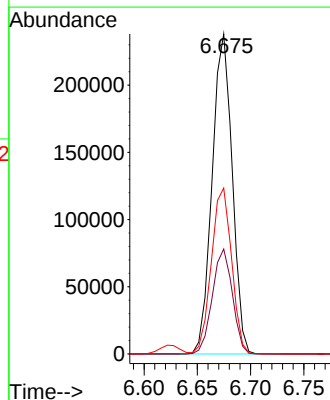
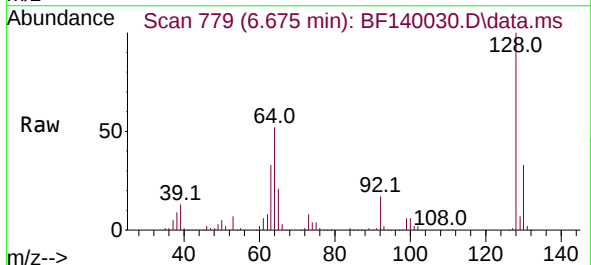
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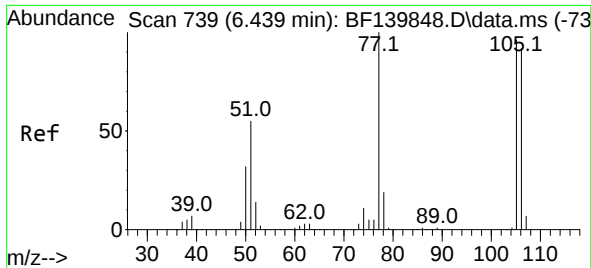
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#8
2-Chlorophenol
Concen: 47.363 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:128 Resp: 312031
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 51.8 34.6 74.6





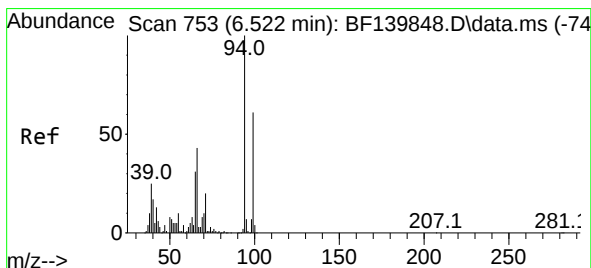
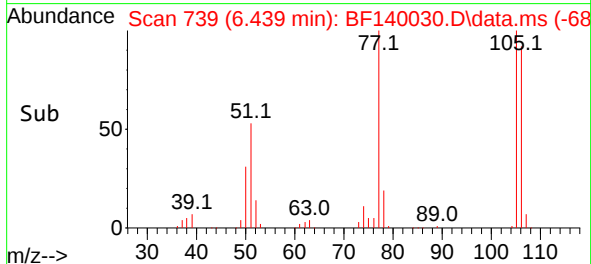
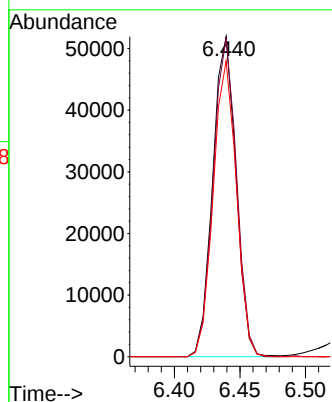
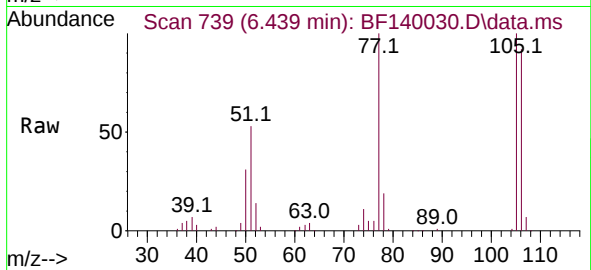
#9
Benzaldehyde
Concen: 13.653 ng
RT: 6.439 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :
BNA_F
ClientSampleId :
PB164374BS

Tgt Ion: 77 Resp: 6410
Ion Ratio Lower Upper
77 100
105 99.5 75.5 115.5
106 92.4 71.7 111.7

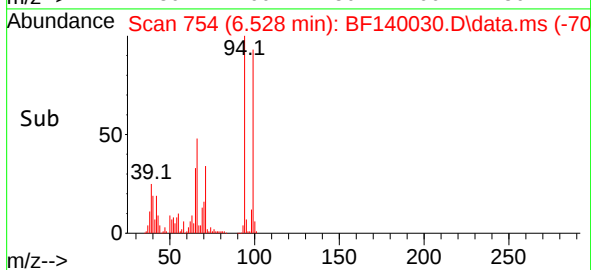
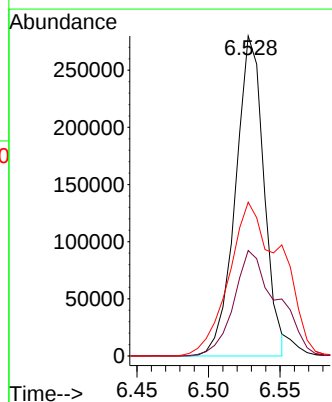
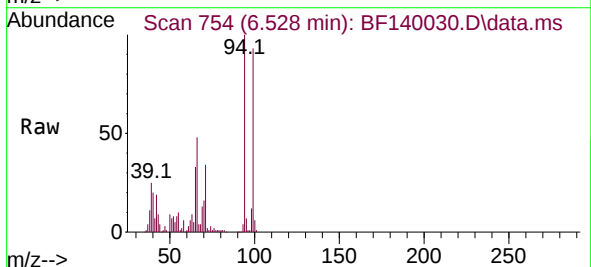
Manual Integrations
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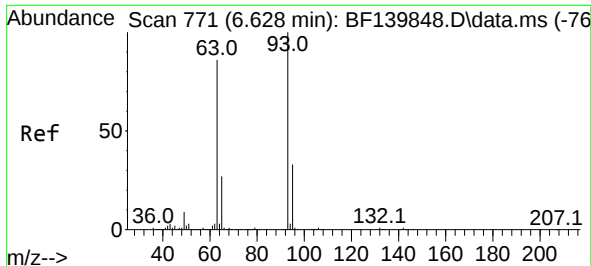
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#10
Phenol
Concen: 44.986 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion: 94 Resp: 387098
Ion Ratio Lower Upper
94 100
65 33.0 11.1 51.1
66 48.0 22.7 62.7





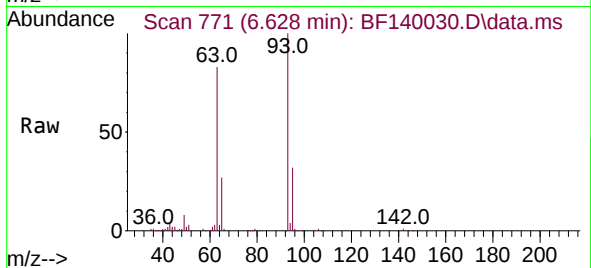
#11
bis(2-Chloroethyl)ether
Concen: 43.135 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

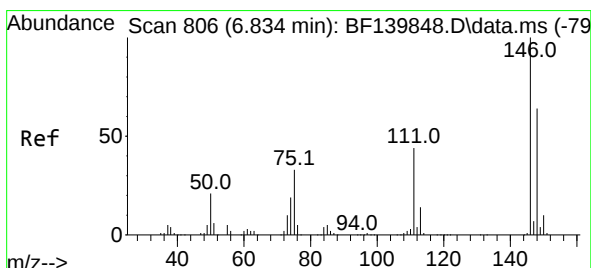
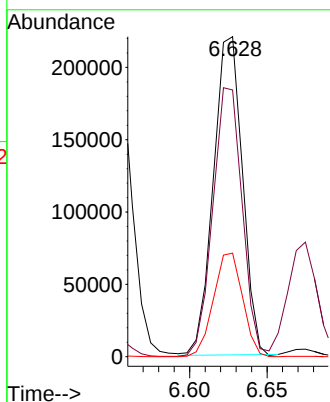
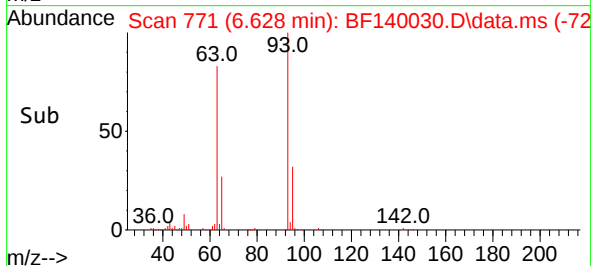
PB164374BS



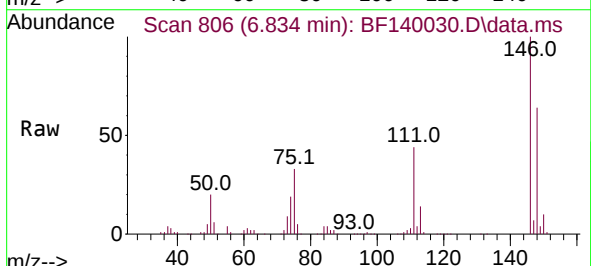
Tgt Ion: 93 Resp: 28688
Ion Ratio Lower Upper
93 100
63 83.4 65.0 105.0
95 32.3 12.4 52.4

Manual Integrations
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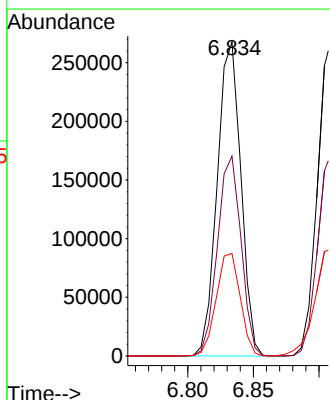
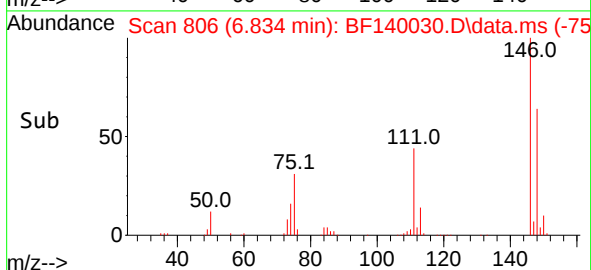
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

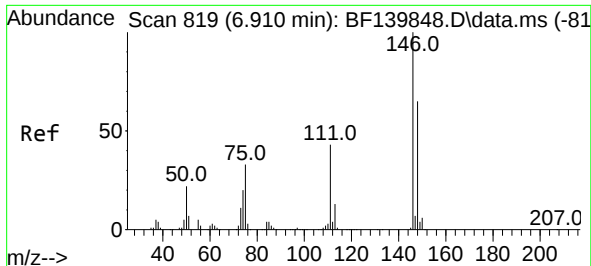


#12
1,3-Dichlorobenzene
Concen: 44.377 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



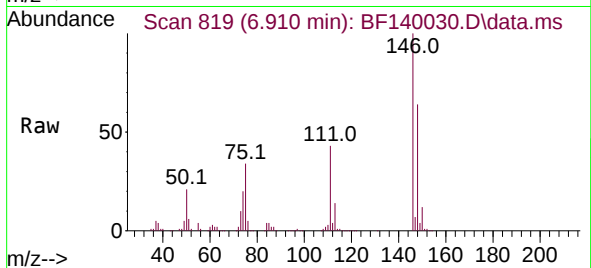
Tgt Ion:146 Resp: 335607
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 32.7 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 44.968 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

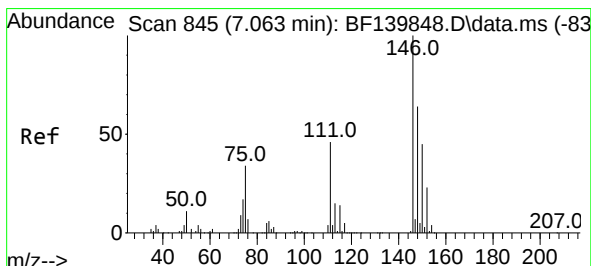
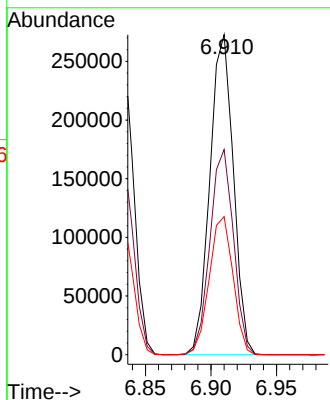
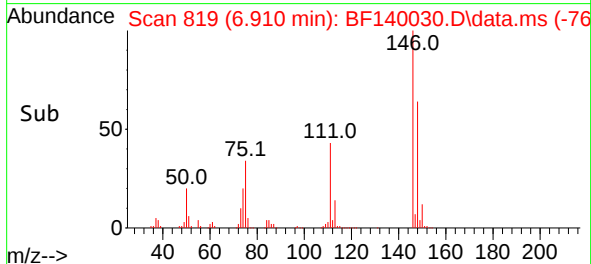
Instrument :
BNA_F
ClientSampleId :
PB164374BS



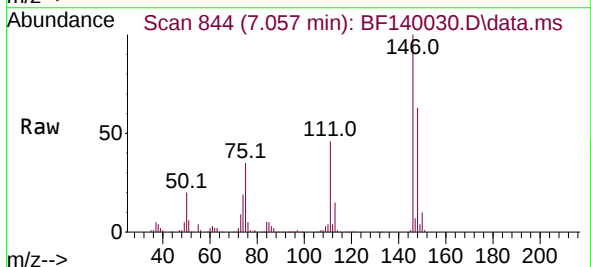
Tgt Ion:146 Resp: 33975
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
111 43.1 34.6 51.8

Manual Integrations
APPROVED

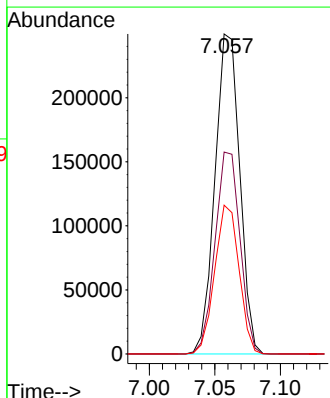
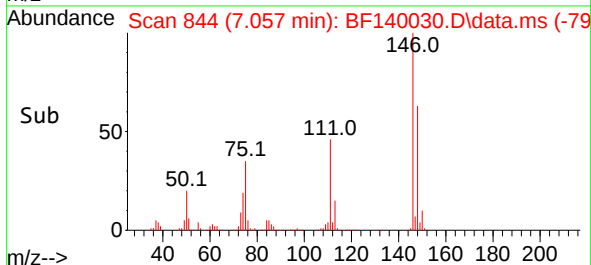
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

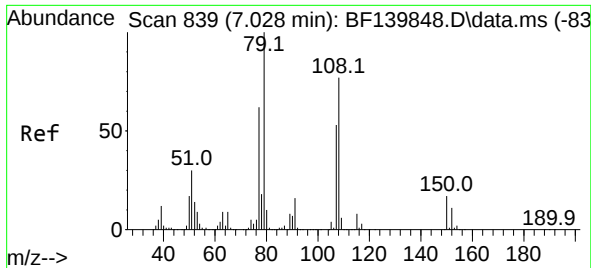


#14
1,2-Dichlorobenzene
Concen: 46.540 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



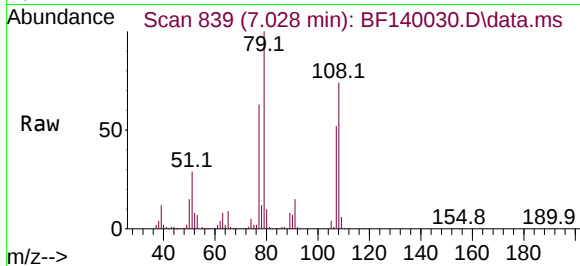
Tgt Ion:146 Resp: 328181
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
111 46.5 36.7 55.1





#15
Benzyl Alcohol
Concen: 47.466 ng
RT: 7.028 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

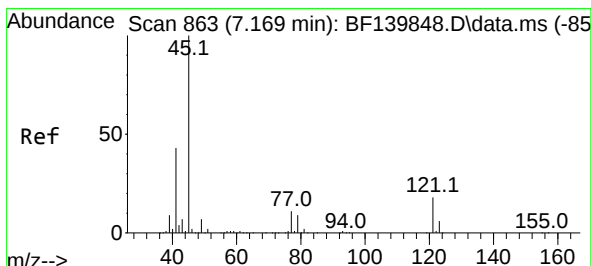
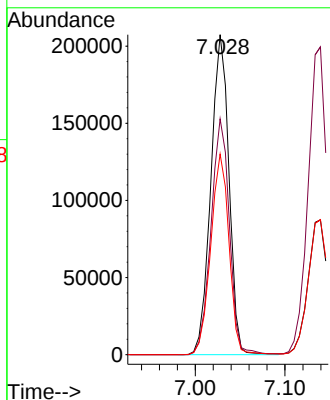
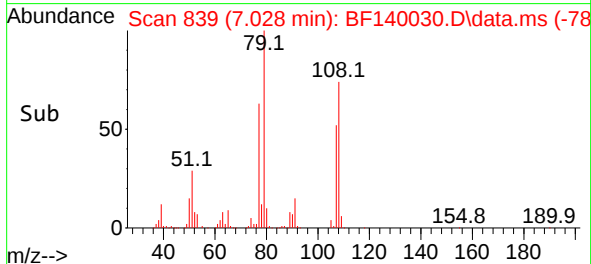
Instrument :
BNA_F
ClientSampleId :
PB164374BS



Tgt Ion: 79 Resp: 290610
Ion Ratio Lower Upper
79 100
108 73.7 61.4 92.0
77 62.7 49.9 74.9

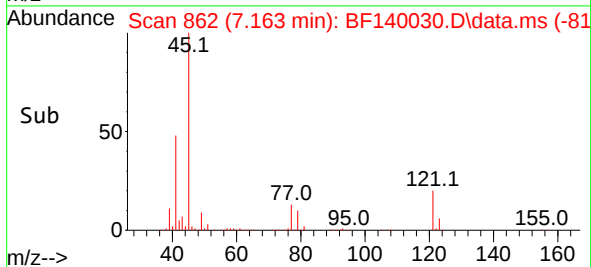
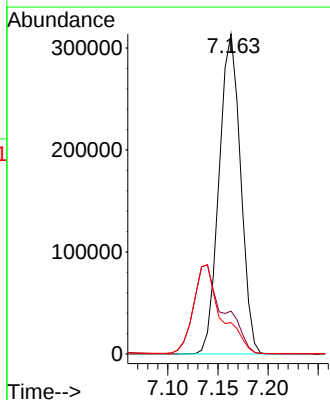
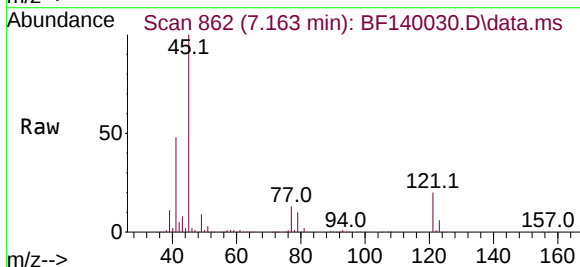
Manual Integrations
APPROVED

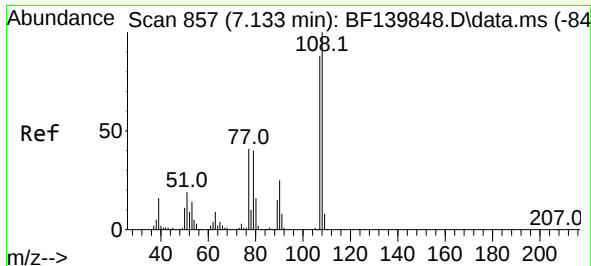
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.153 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion: 45 Resp: 466707
Ion Ratio Lower Upper
45 100
77 13.4 0.0 31.5
79 9.8 0.0 29.1





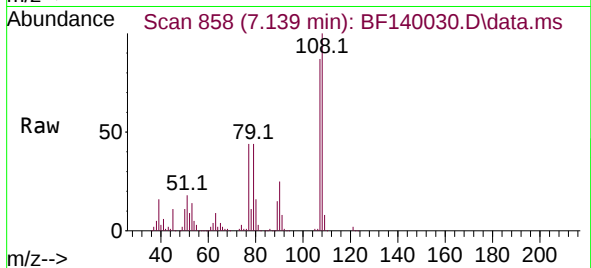
#17
2-Methylphenol
Concen: 44.854 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS



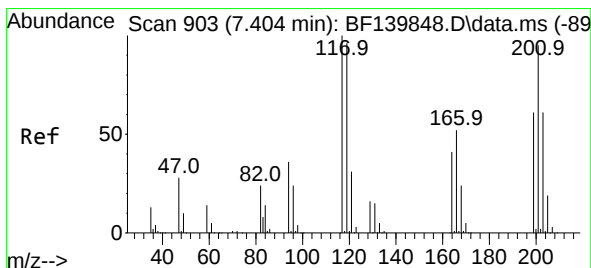
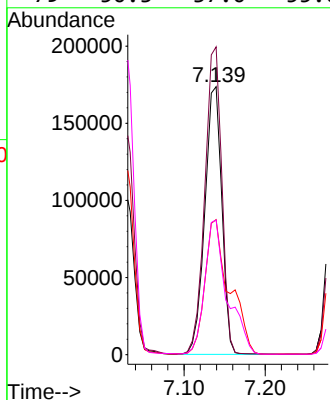
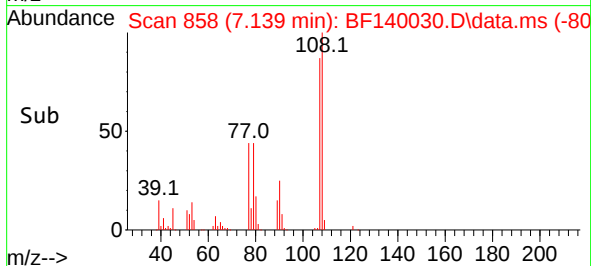
Tgt Ion:107 Resp: 251978
Ion Ratio Lower Upper
107 100
108 114.9 91.3 136.9
77 50.4 37.1 55.7
79 50.3 37.0 55.6

Manual Integrations

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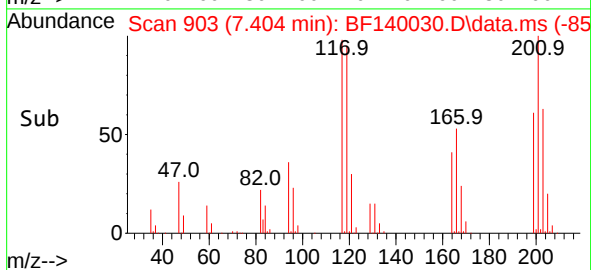
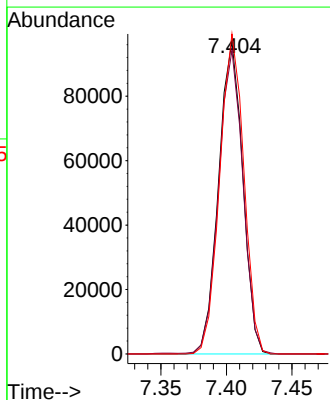
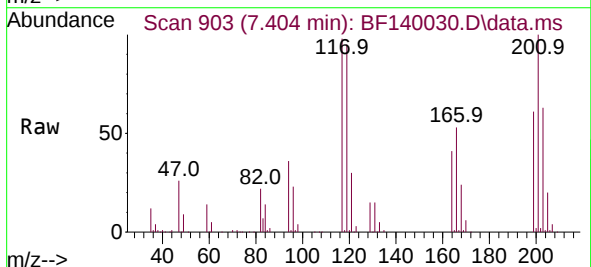
Reviewed By :Yogesh Patel 10/25/2024

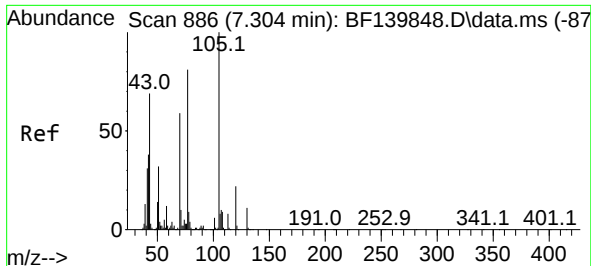
Supervised By :mohammad ahmed 10/28/2024



#18
Hexachloroethane
Concen: 46.079 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

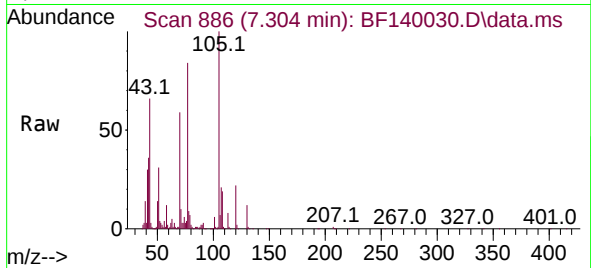
Tgt Ion:117 Resp: 124151
Ion Ratio Lower Upper
117 100
119 97.1 77.0 115.4
201 102.4 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 44.231 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

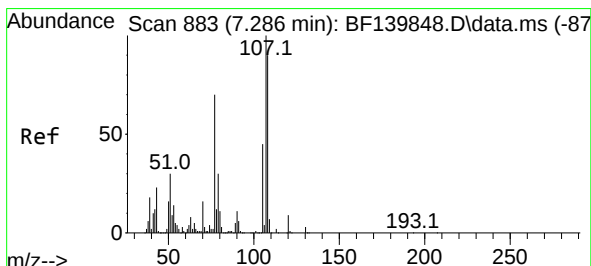
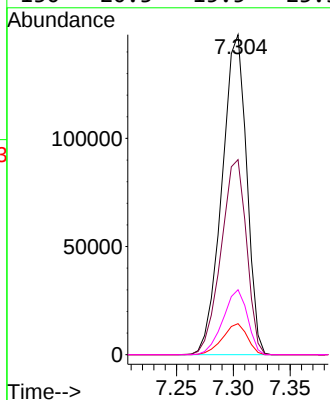
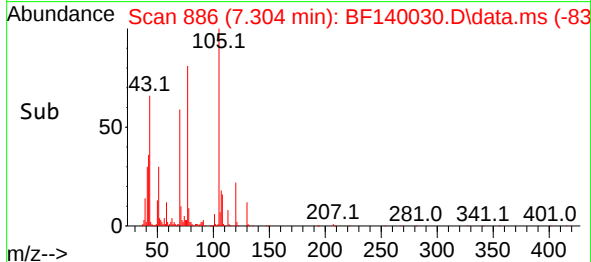
Instrument :
BNA_F
ClientSampleId :
PB164374BS



Tgt Ion: 70 Resp: 22390
Ion Ratio Lower Upper
70 100
42 60.9 51.5 77.3
101 9.7 7.5 11.3
130 20.3 15.5 23.3

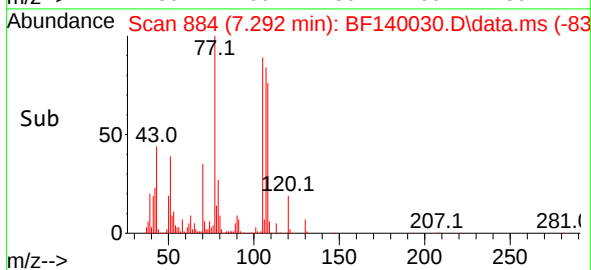
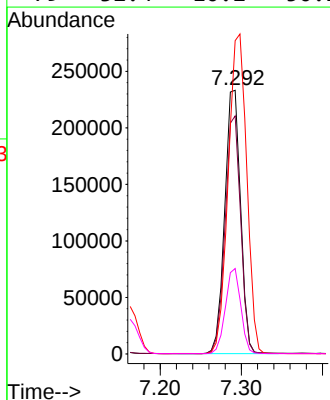
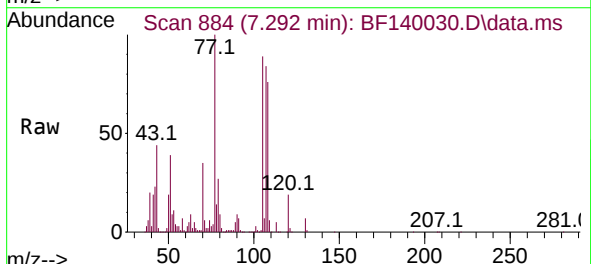
Manual Integrations
APPROVED

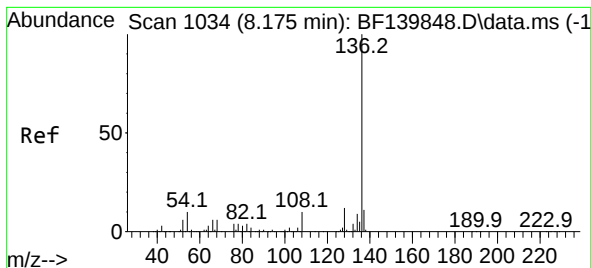
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#20
3+4-Methylphenols
Concen: 44.013 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:107 Resp: 316250
Ion Ratio Lower Upper
107 100
108 90.3 69.8 109.8
77 118.8 50.5 90.5#
79 32.4 10.2 50.2





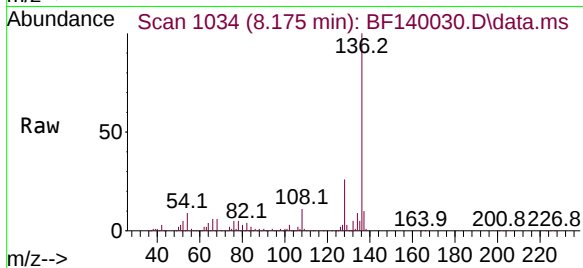
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

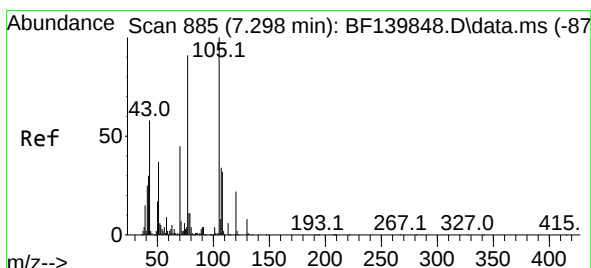
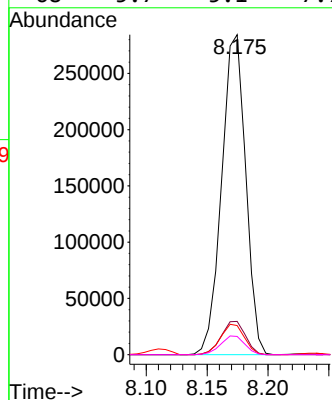
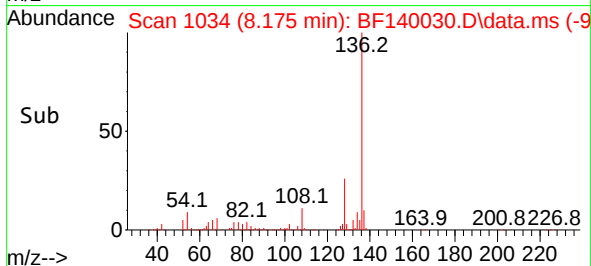


Tgt Ion:136 Resp: 391509
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 9.1 8.4 12.6
68 5.7 5.1 7.7

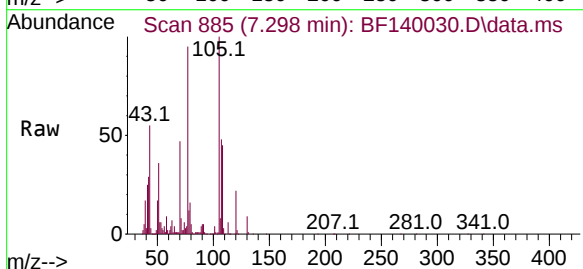
Manual Integrations

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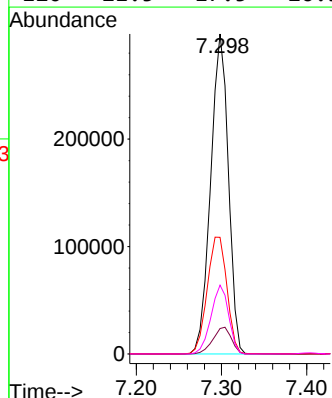
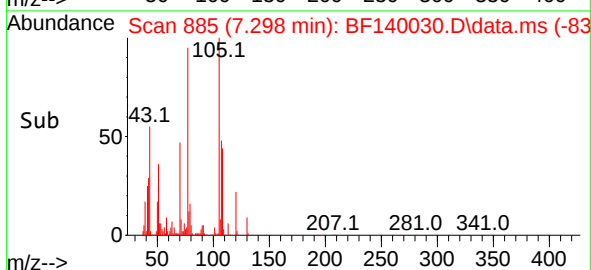
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

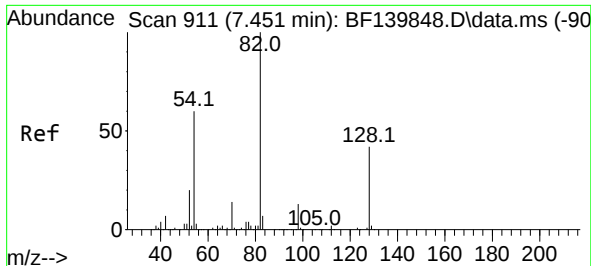


#22
Acetophenone
Concen: 44.951 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



Tgt Ion:105 Resp: 431047
Ion Ratio Lower Upper
105 100
71 7.9 5.9 8.9
51 36.4 29.4 44.2
120 21.5 17.5 26.3





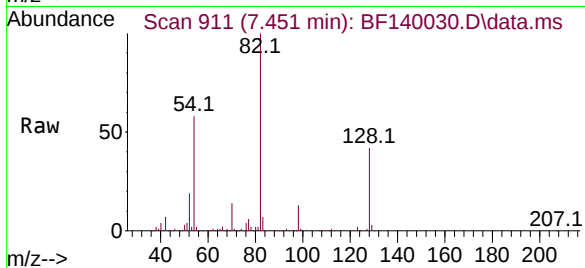
#23
Nitrobenzene-d5
Concen: 93.669 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

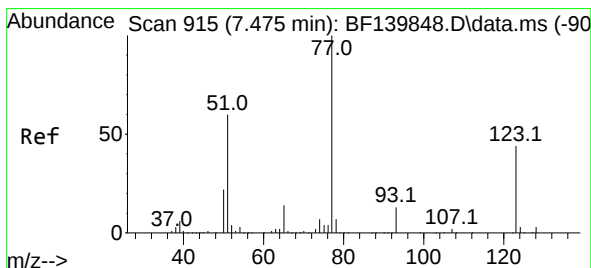
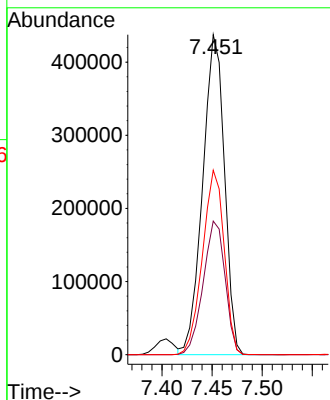
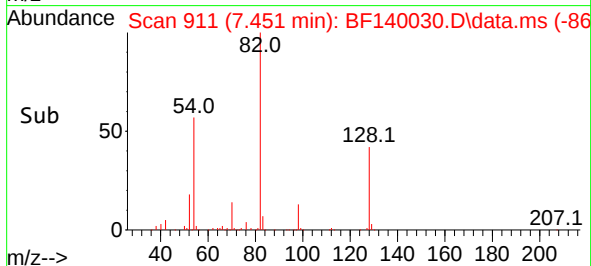
PB164374BS



Tgt Ion: 82 Resp: 661673
Ion Ratio Lower Upper
82 100
128 41.7 33.4 50.0
54 57.7 47.8 71.8

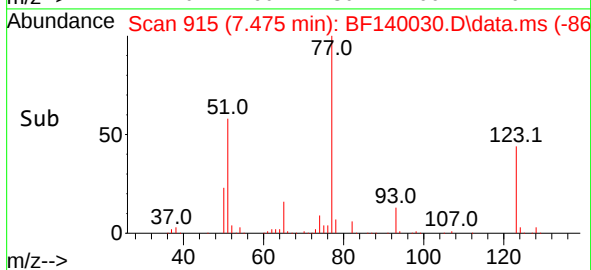
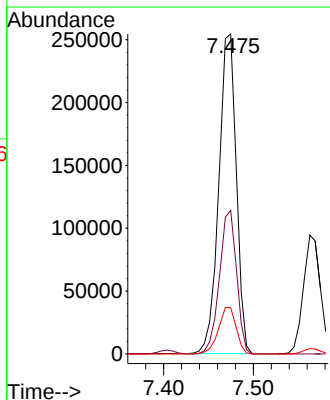
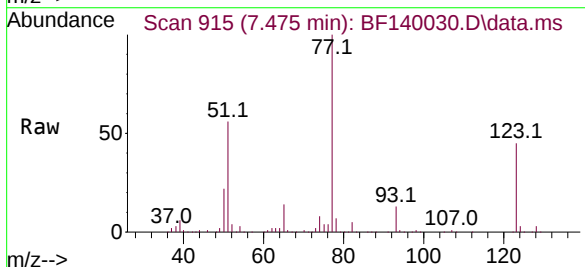
Manual Integrations
APPROVED

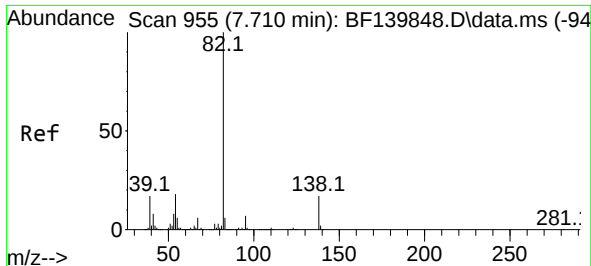
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#24
Nitrobenzene
Concen: 44.476 ng
RT: 7.475 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

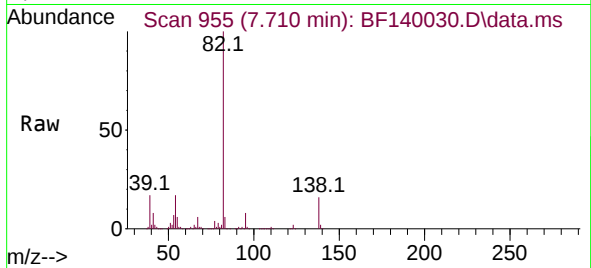
Tgt Ion: 77 Resp: 344463
Ion Ratio Lower Upper
77 100
123 44.8 35.7 53.5
65 14.5 11.5 17.3





#25
Isophorone
Concen: 45.263 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

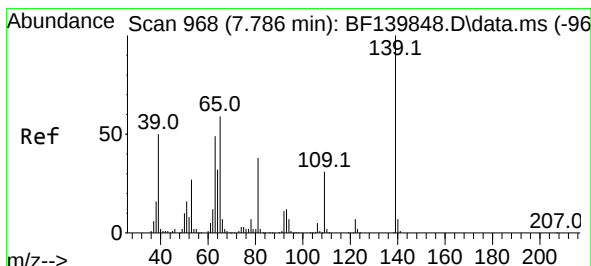
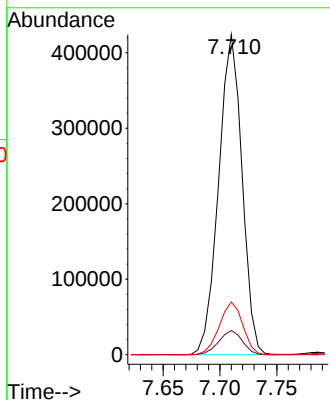
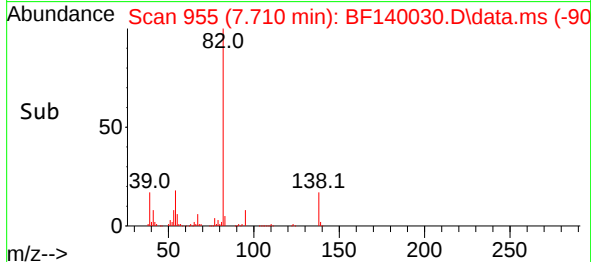
Instrument :
BNA_F
ClientSampleId :
PB164374BS



Tgt Ion: 82 Resp: 606860
Ion Ratio Lower Upper
82 100
95 7.6 5.5 8.3
138 16.5 13.2 19.8

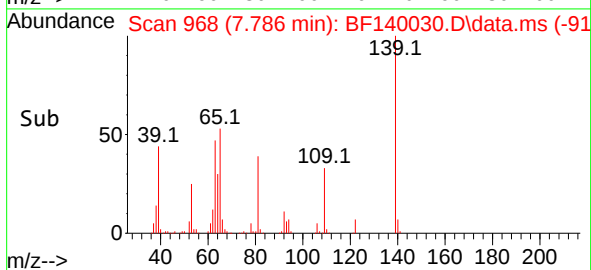
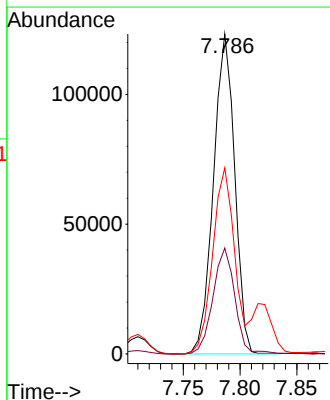
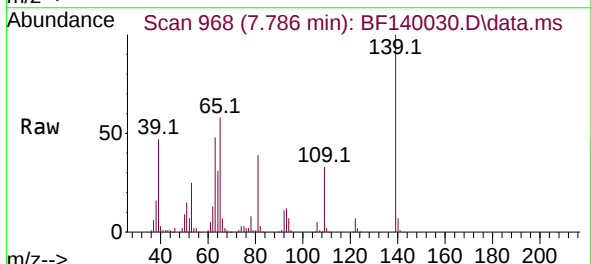
Manual Integrations
APPROVED

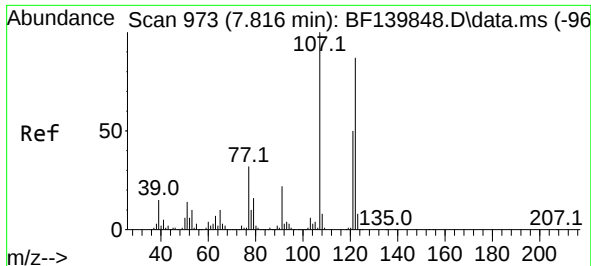
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#26
2-Nitrophenol
Concen: 54.874 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:139 Resp: 160329
Ion Ratio Lower Upper
139 100
109 33.1 25.1 37.7
65 58.1 47.5 71.3





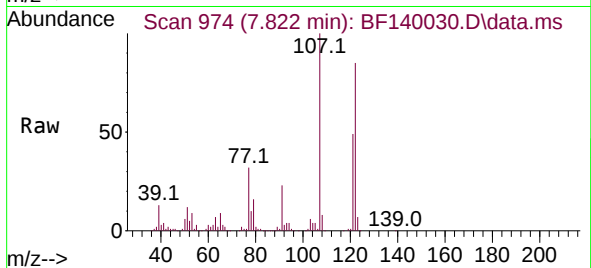
#27
2,4-Dimethylphenol
Concen: 52.337 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS



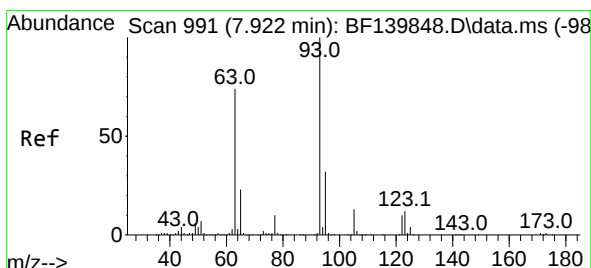
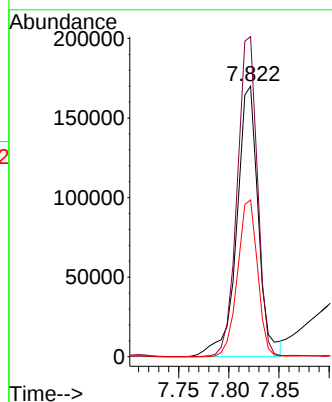
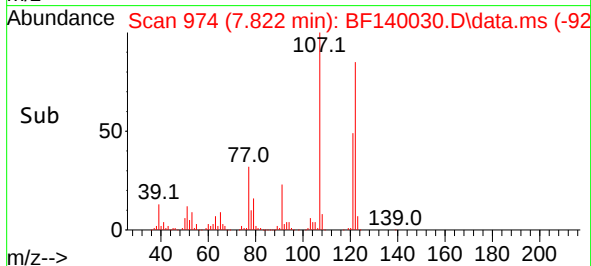
Tgt Ion:122 Resp: 25498
Ion Ratio Lower Upper
122 100
107 118.2 91.9 137.9
121 57.9 46.2 69.4

Manual Integrations

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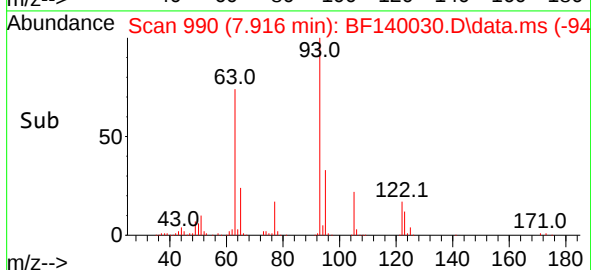
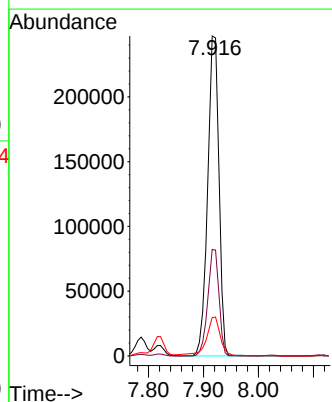
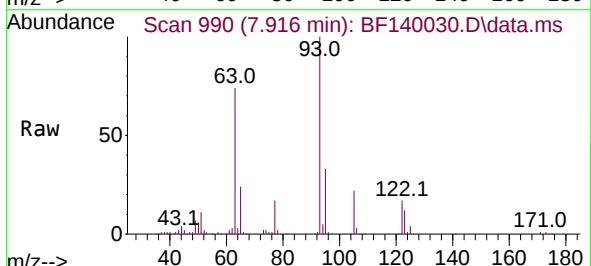
Reviewed By :Yogesh Patel 10/25/2024

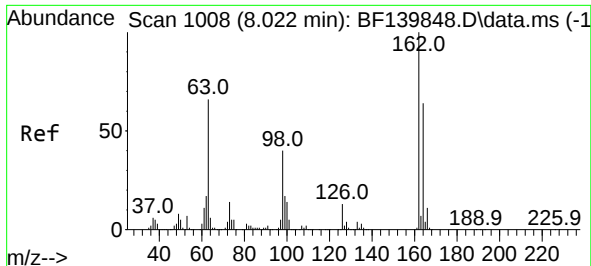
Supervised By :mohammad ahmed 10/28/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.418 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion: 93 Resp: 352686
Ion Ratio Lower Upper
93 100
95 33.2 26.0 39.0
123 12.0 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 46.348 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

Tgt Ion:162 Resp: 257190

Ion Ratio Lower Upper

162 100

164 63.5 43.9 83.9

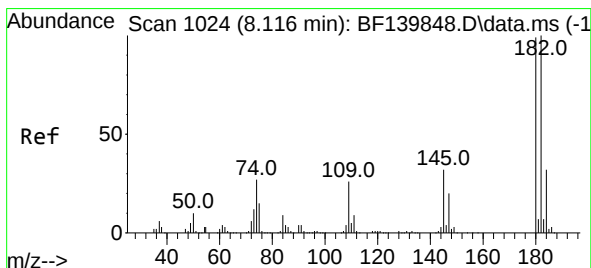
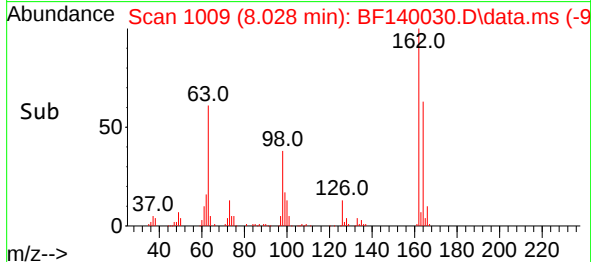
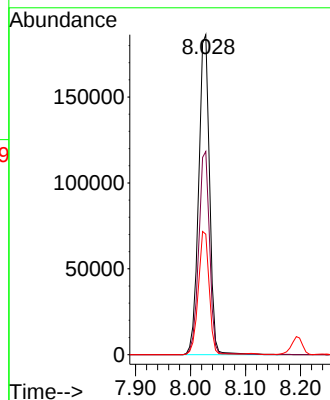
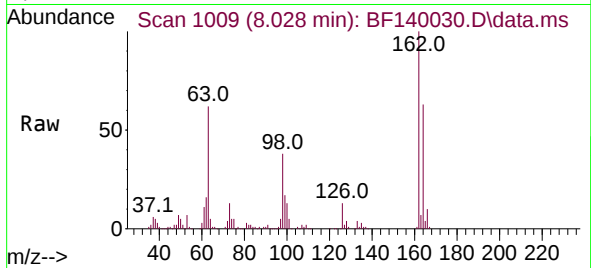
98 37.6 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.499 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

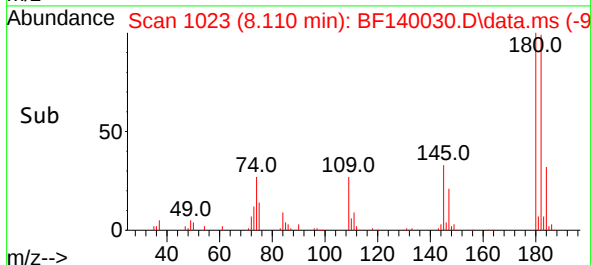
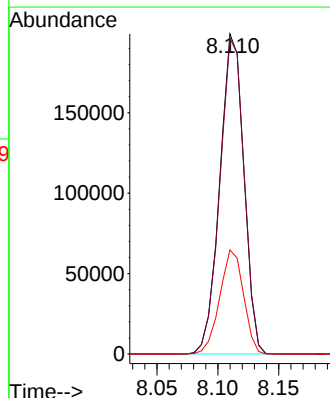
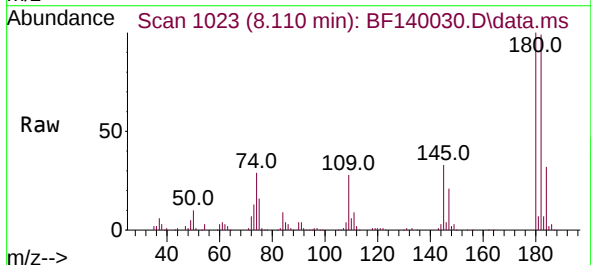
Tgt Ion:180 Resp: 273240

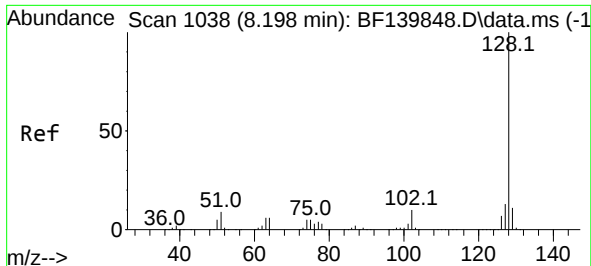
Ion Ratio Lower Upper

180 100

182 98.7 80.5 120.7

145 32.5 25.4 38.0





#31
Naphthalene
Concen: 44.802 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

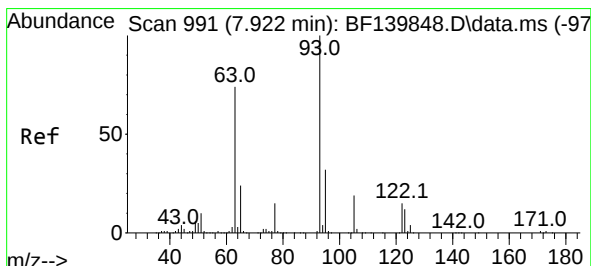
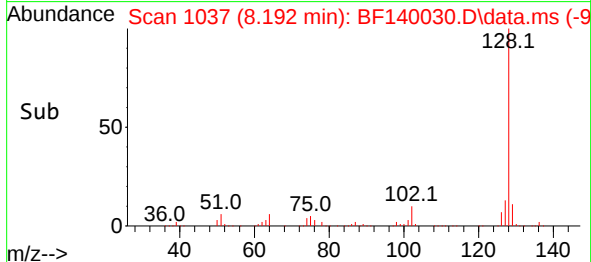
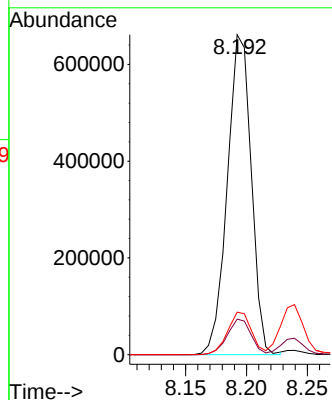
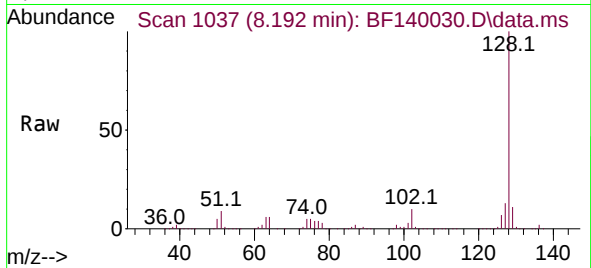
ClientSampleId :

PB164374BS

Tgt Ion:128 Resp: 904628
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 16.0

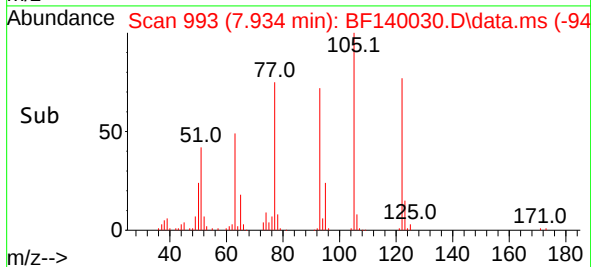
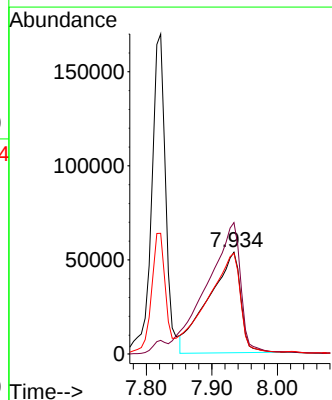
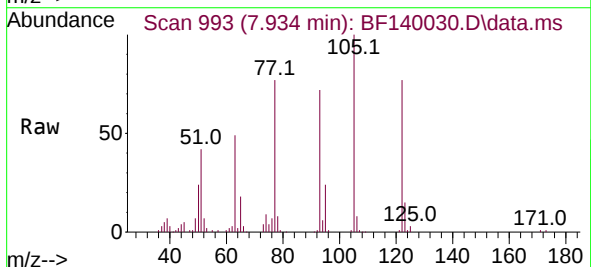
Manual Integrations
APPROVED

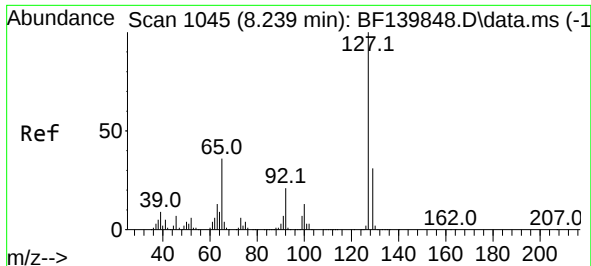
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#32
Benzoic acid
Concen: 42.846 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:122 Resp: 182063
Ion Ratio Lower Upper
122 100
105 129.1 107.6 147.6
77 99.0 80.2 120.2





#33
4-Chloroaniline
Concen: 20.744 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

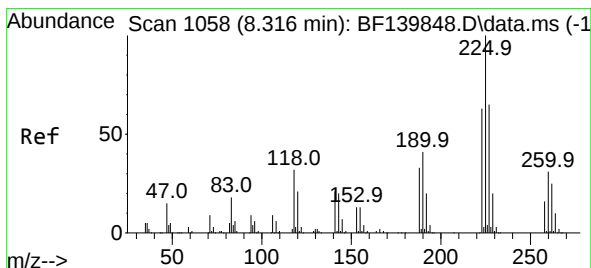
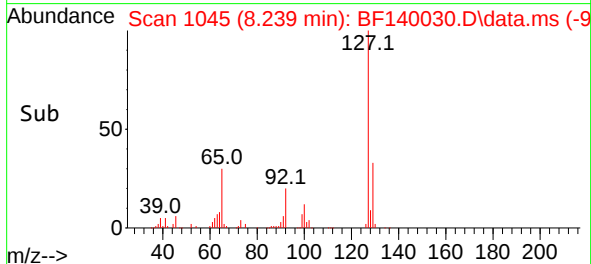
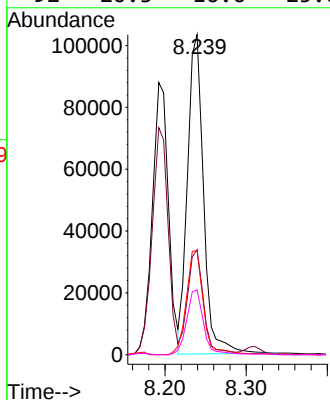
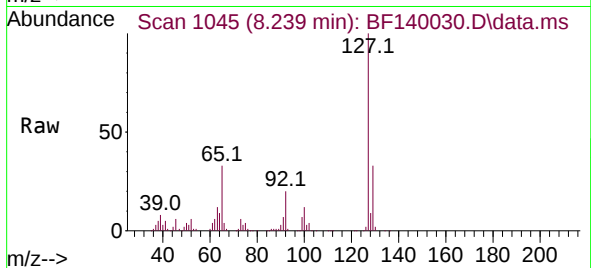
PB164374BS

Tgt Ion:	127	Resp:	14282
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.4	38.2
65	32.6	28.4	42.6
92	20.3	16.6	25.0

Manual Integrations

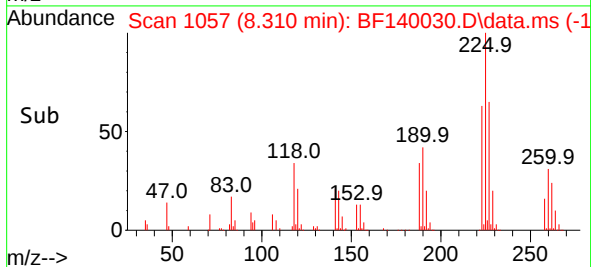
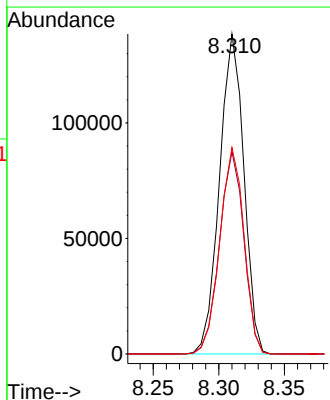
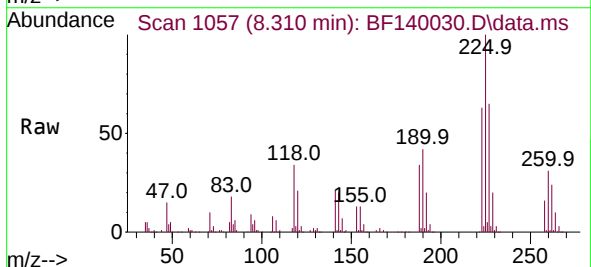
APPROVED

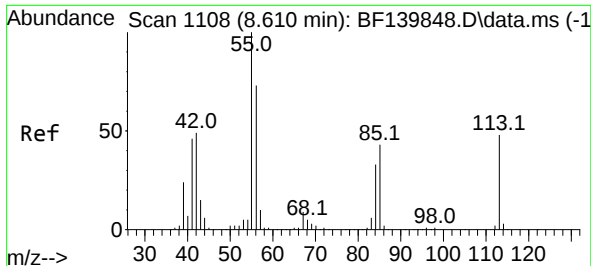
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#34
Hexachlorobutadiene
Concen: 46.353 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:	225	Resp:	178831
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.6	76.0
227	64.5	51.8	77.8





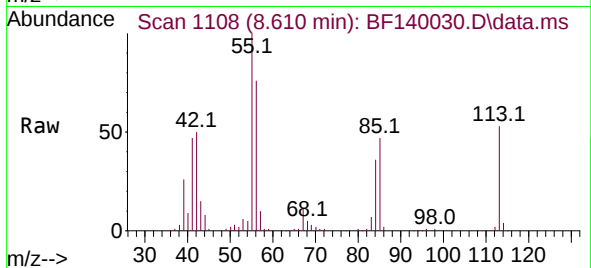
#35
 Caprolactam
 Concen: 46.380 ng m
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF140030.D
 Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

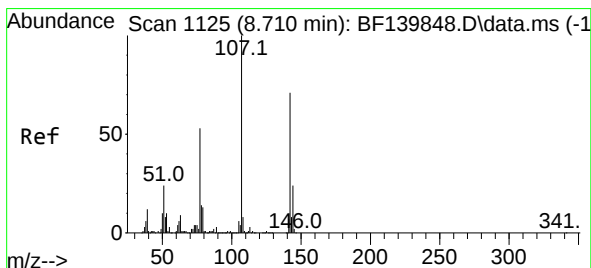
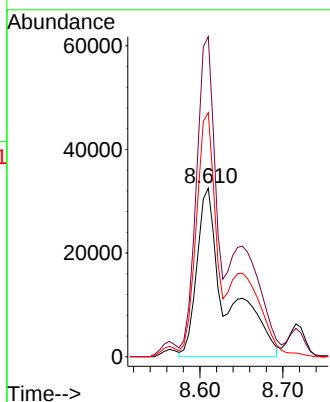
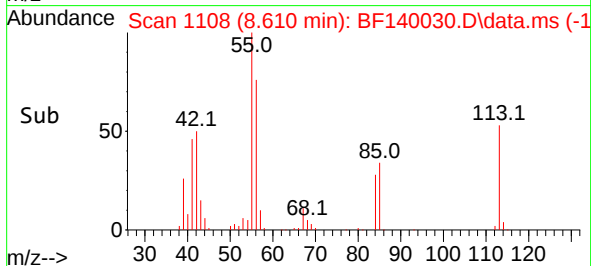


Tgt Ion:113 Resp: 8183
 Ion Ratio Lower Upper
 113 100
 55 190.0 189.2 229.2
 56 144.9 132.5 172.5

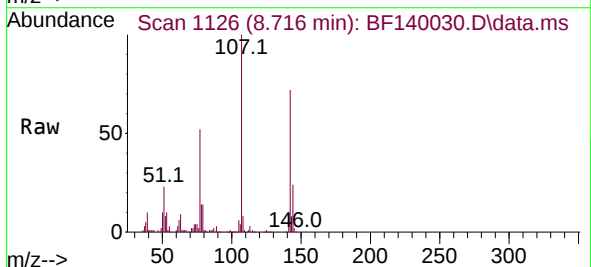
Manual Integrations

APPROVED

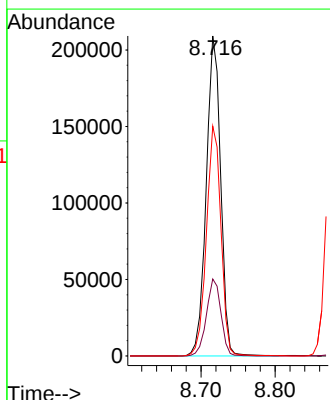
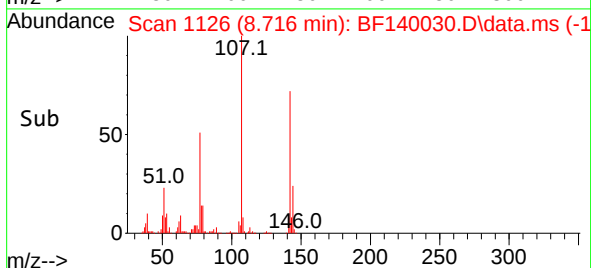
Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/28/2024

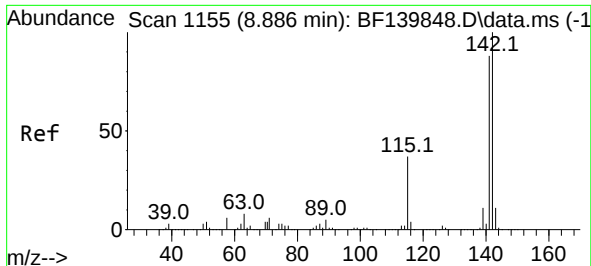


#36
 4-Chloro-3-methylphenol
 Concen: 45.974 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF140030.D
 Acq: 25 Oct 2024 11:41



Tgt Ion:107 Resp: 282495
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.1 28.7
 142 71.8 57.2 85.8





#37

2-Methylnaphthalene

Concen: 46.080 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

Tgt Ion:142 Resp: 569838

Ion Ratio Lower Upper

142 100

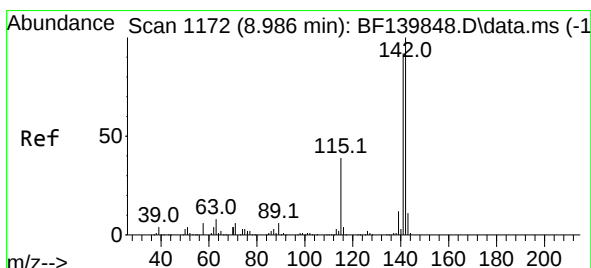
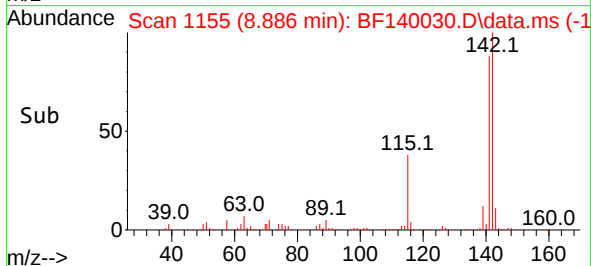
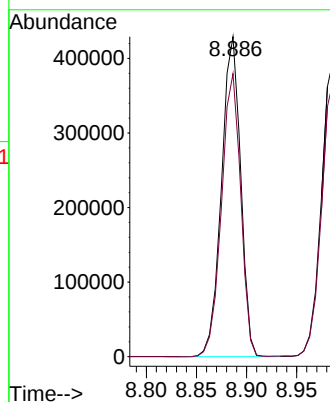
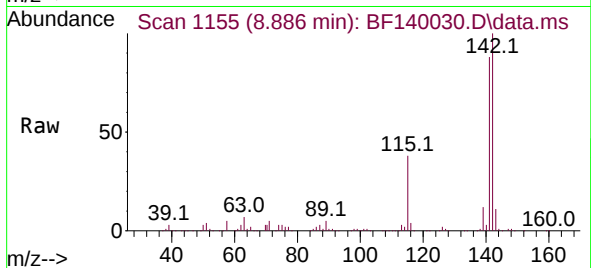
141 88.5 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#38

1-Methylnaphthalene

Concen: 43.502 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140030.D

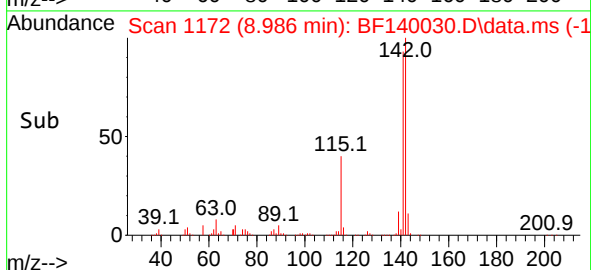
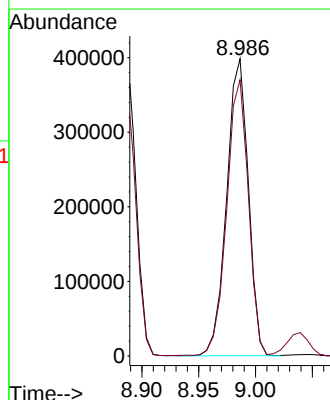
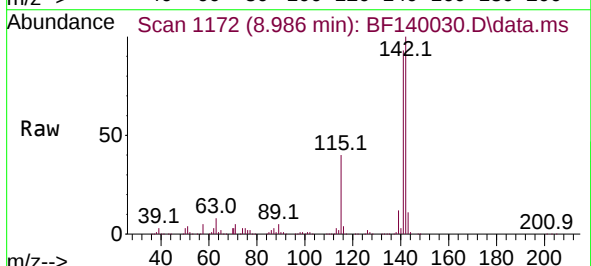
Acq: 25 Oct 2024 11:41

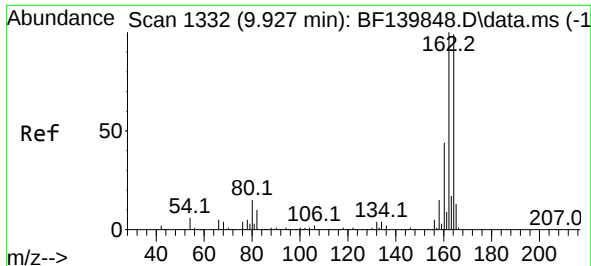
Tgt Ion:142 Resp: 527797

Ion Ratio Lower Upper

142 100

141 93.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. 0.001 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

Tgt Ion:164 Resp: 21423

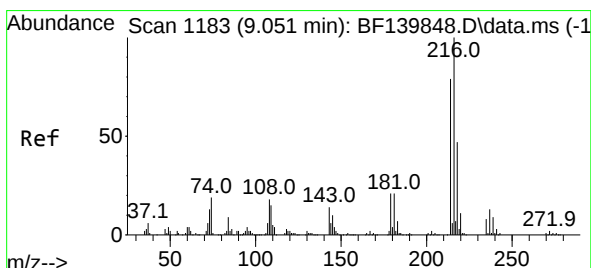
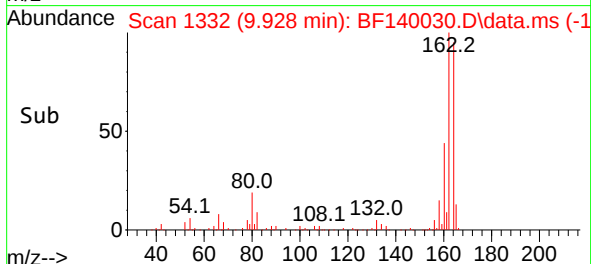
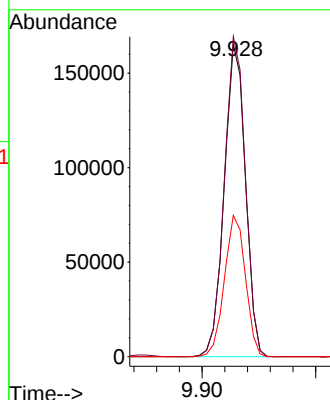
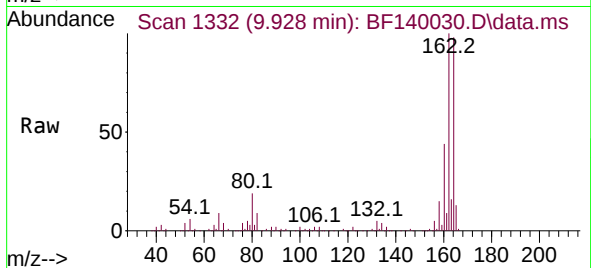
Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.0	121.4
160	45.3	35.4	53.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.698 ng

RT: 9.051 min Scan# 1183

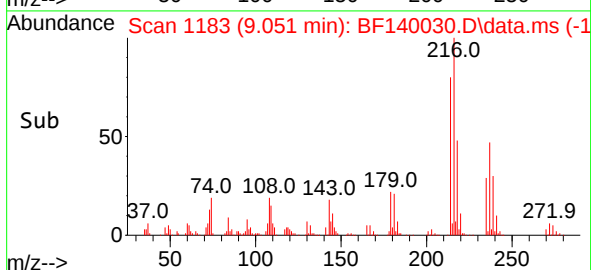
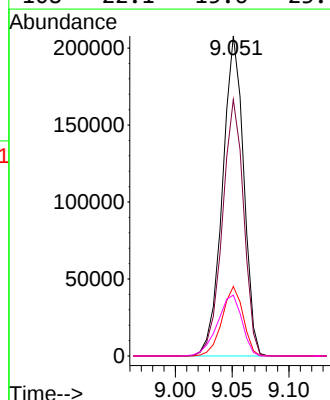
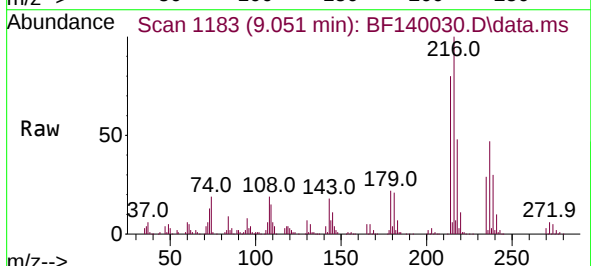
Delta R.T. 0.000 min

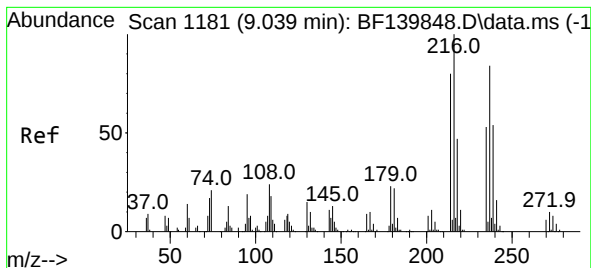
Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Tgt Ion:216 Resp: 269898

Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.0
179	21.6	17.2	25.8
108	22.1	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 185.333 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

Tgt Ion:237 Resp: 372714

Ion Ratio Lower Upper

237 100

235 62.6 42.9 82.9

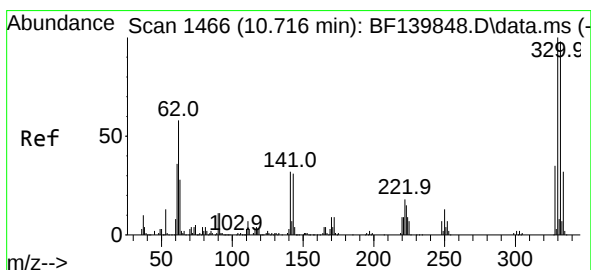
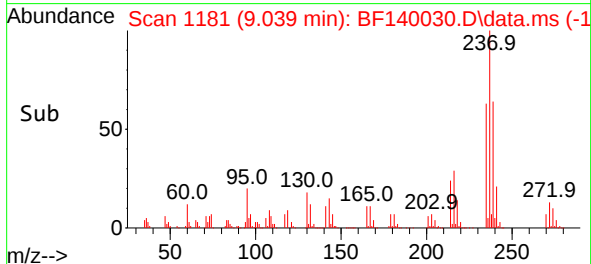
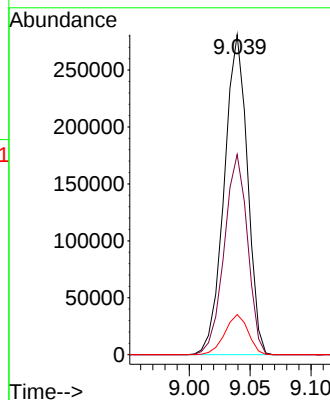
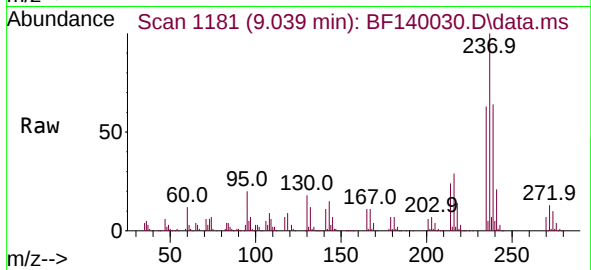
272 12.6 0.0 32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#42

2,4,6-Tribromophenol

Concen: 150.103 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

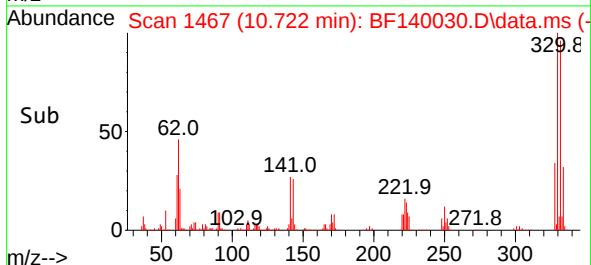
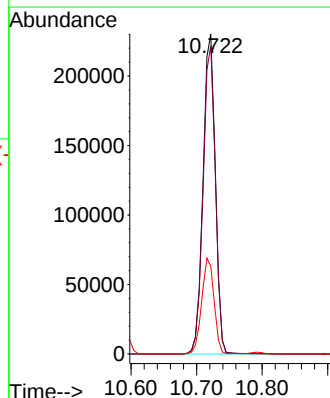
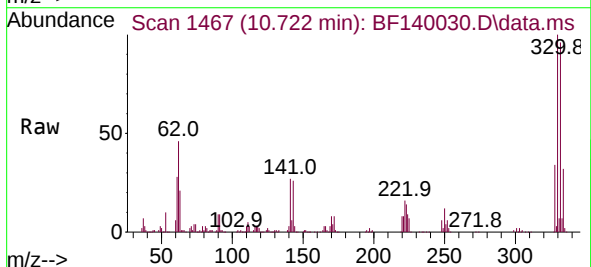
Tgt Ion:330 Resp: 300787

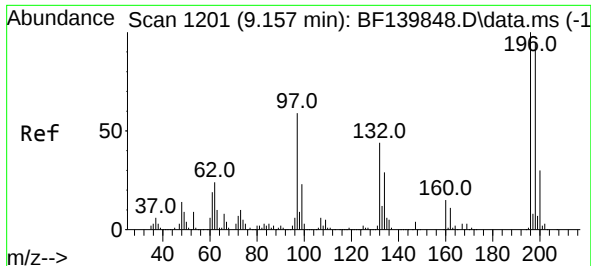
Ion Ratio Lower Upper

330 100

332 96.1 78.1 117.1

141 30.2 26.6 39.8





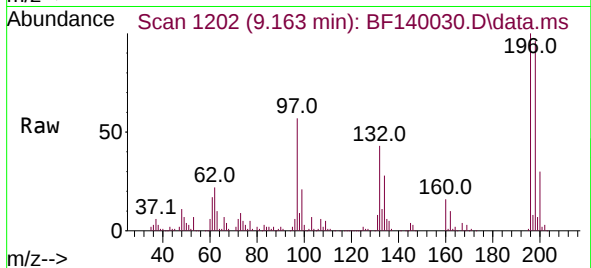
#43
2,4,6-Trichlorophenol
Concen: 48.773 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

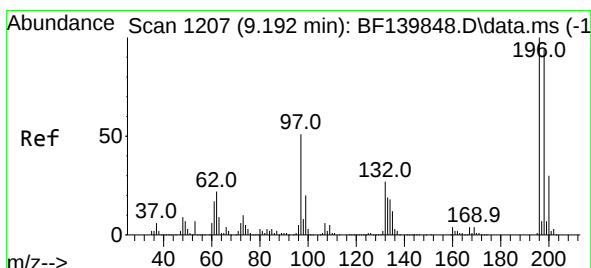
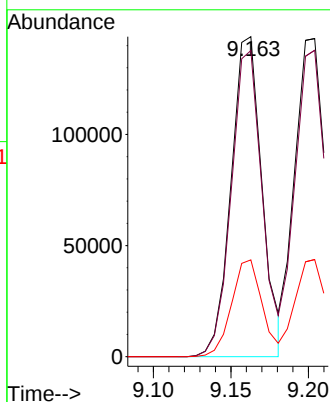
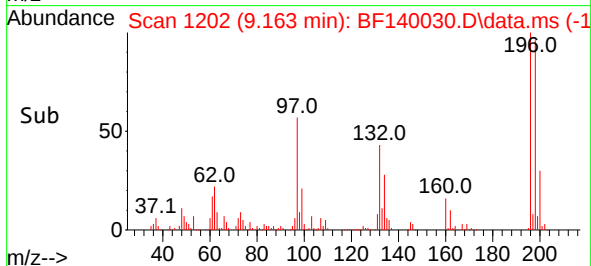


Tgt Ion:196 Resp: 199578
Ion Ratio Lower Upper
196 100
198 95.6 76.2 114.2
200 30.3 24.0 36.0

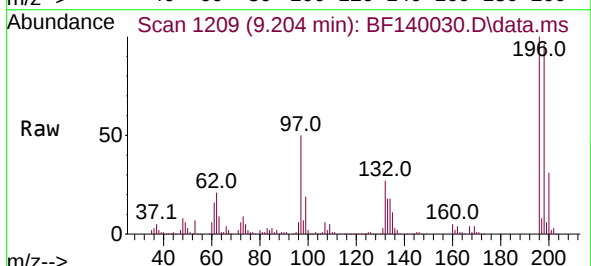
Manual Integrations

APPROVED

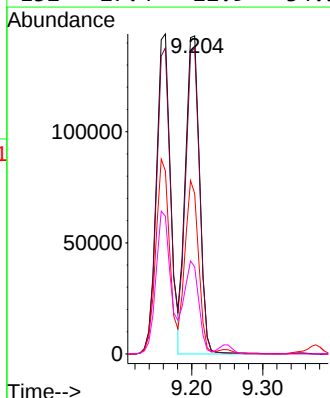
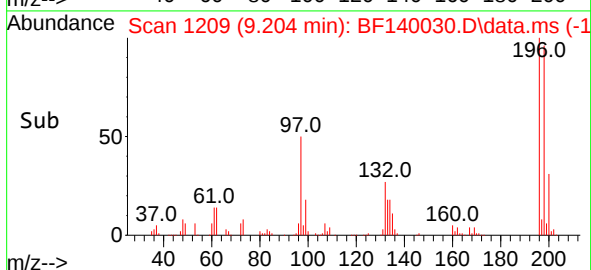
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

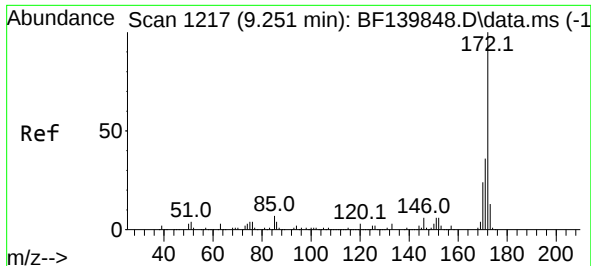


#44
2,4,5-Trichlorophenol
Concen: 47.125 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



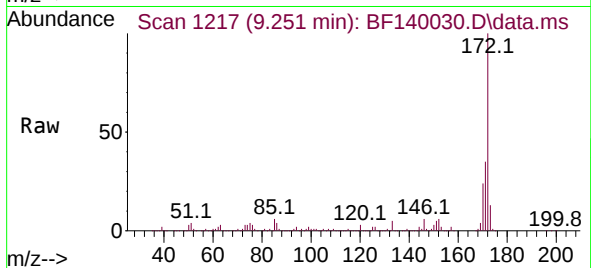
Tgt Ion:196 Resp: 198949
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.6
97 50.4 41.8 62.6
132 27.4 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 91.351 ng
RT: 9.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

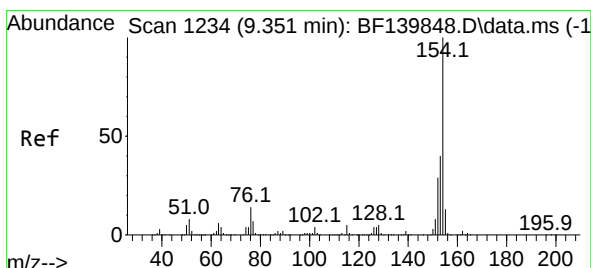
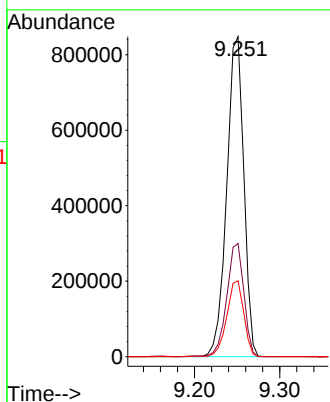
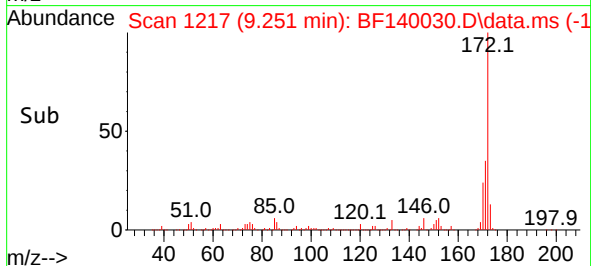
Instrument :
BNA_F
ClientSampleId :
PB164374BS



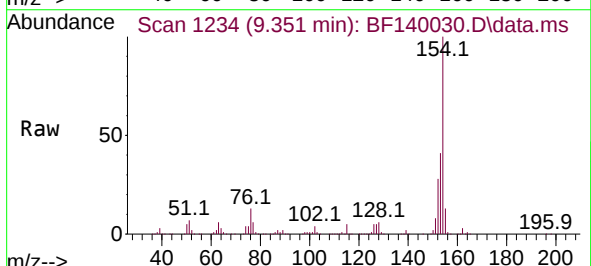
Tgt Ion:172 Resp: 118415
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.1 28.7

Manual Integrations
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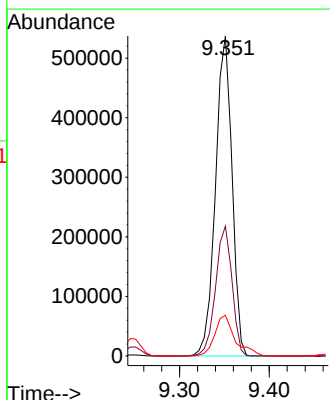
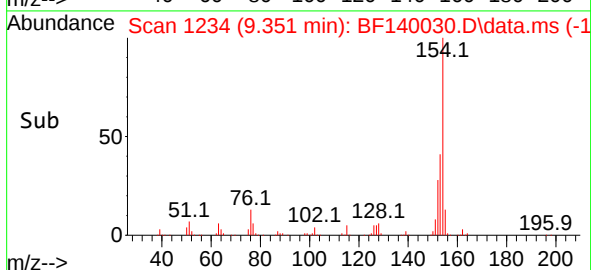
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

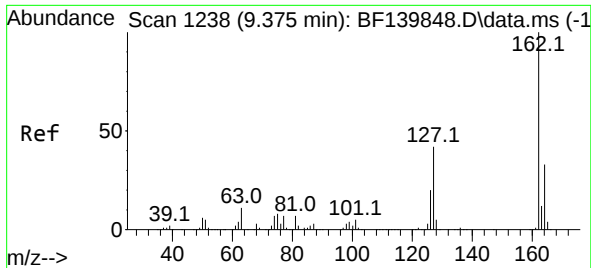


#46
1,1'-Biphenyl
Concen: 45.992 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



Tgt Ion:154 Resp: 685910
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 12.7 0.0 33.9





#47

2-Chloronaphthalene

Concen: 45.404 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

Tgt Ion:162 Resp: 545380

Ion Ratio Lower Upper

162 100

127 42.6 33.8 50.6

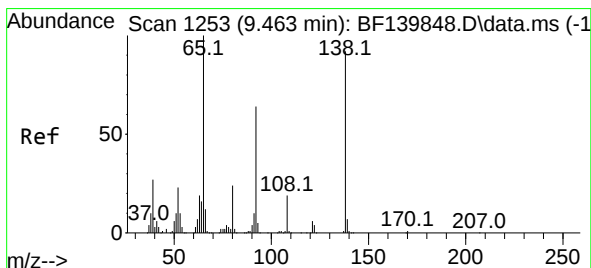
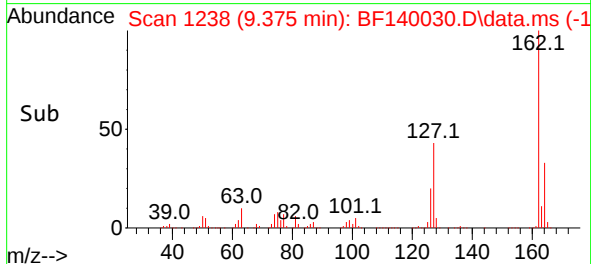
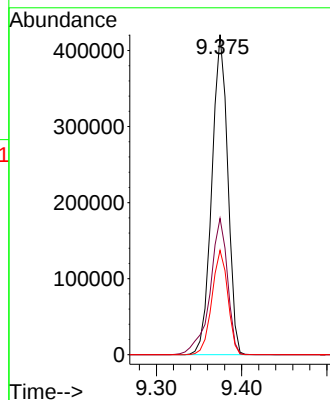
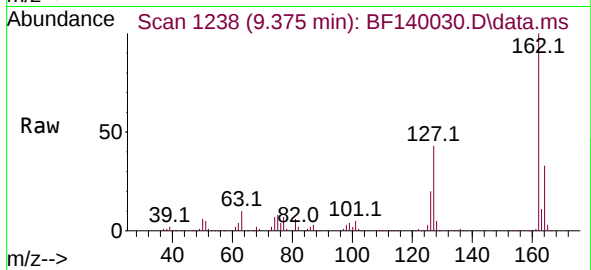
164 32.6 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#48

2-Nitroaniline

Concen: 51.351 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

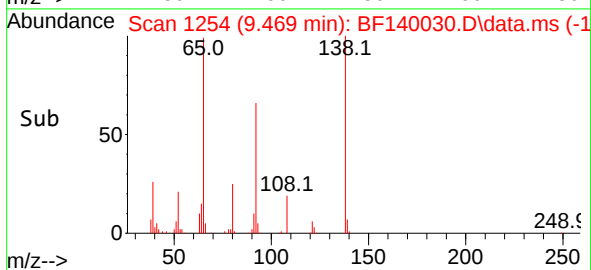
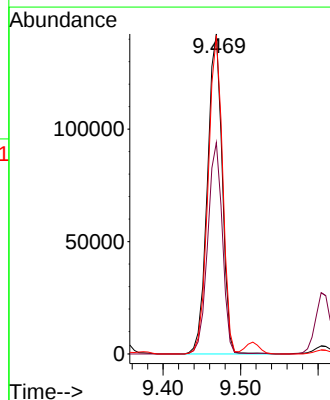
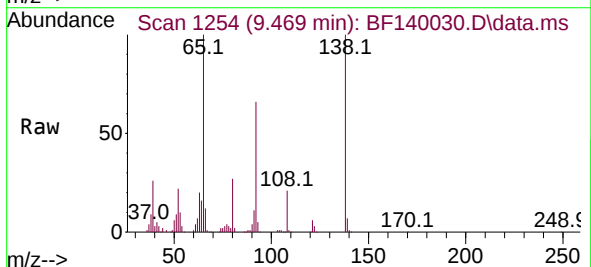
Tgt Ion: 65 Resp: 188650

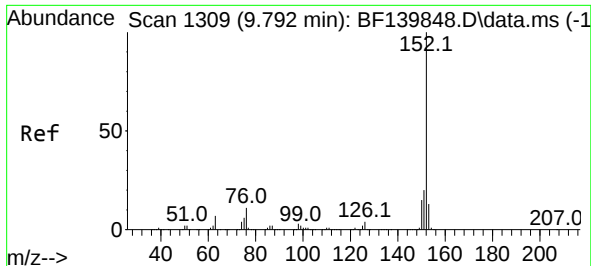
Ion Ratio Lower Upper

65 100

92 66.0 50.9 76.3

138 99.5 73.4 110.0





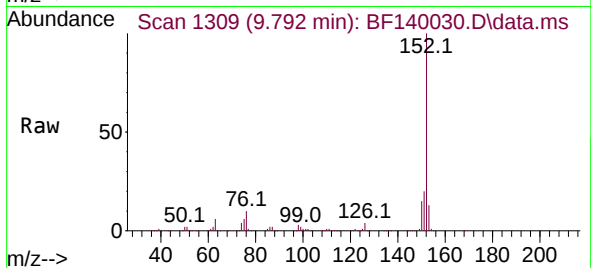
#49
Acenaphthylene
Concen: 49.366 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

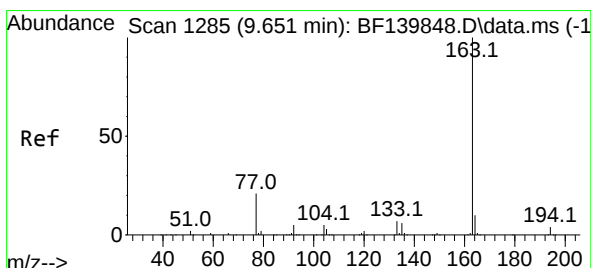
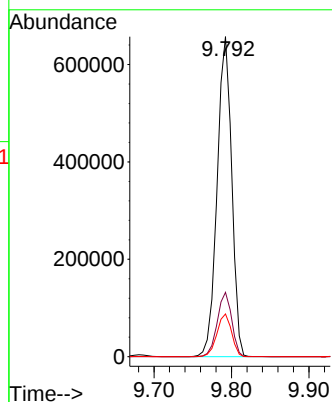
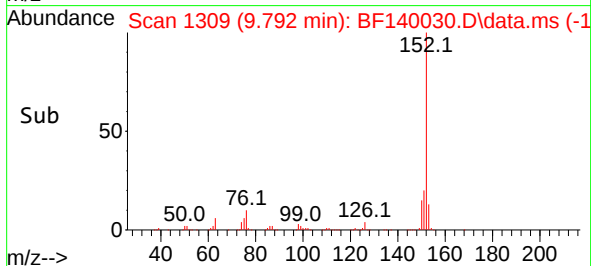


Tgt Ion:152 Resp: 85726
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.4 10.7 16.1

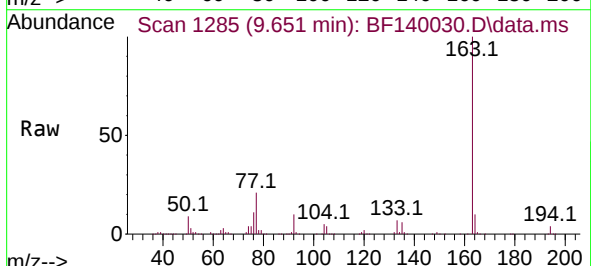
Manual Integrations

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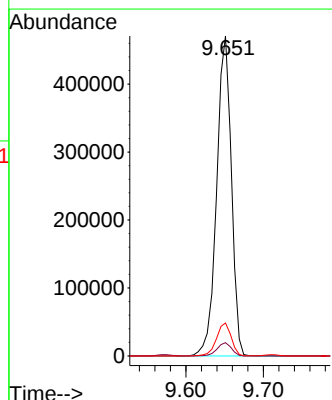
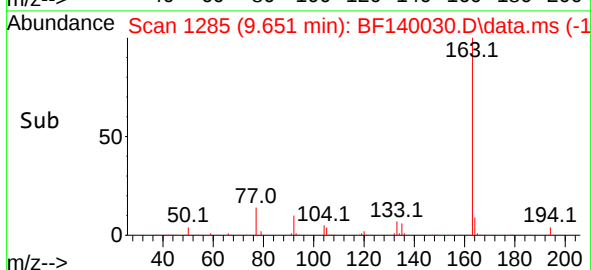
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

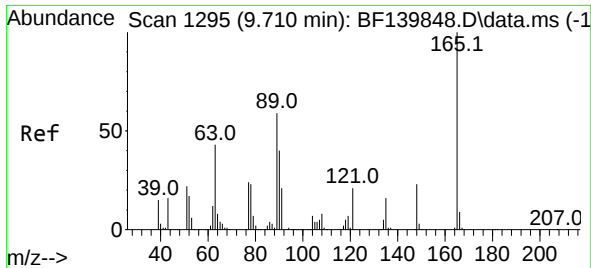


#50
Dimethylphthalate
Concen: 46.401 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



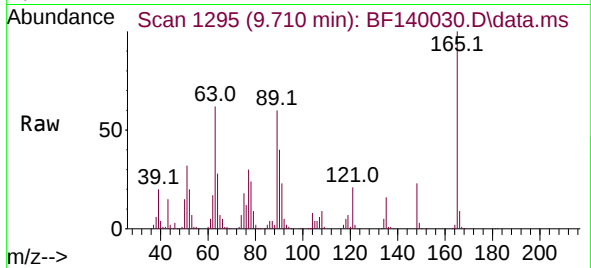
Tgt Ion:163 Resp: 619174
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.737 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

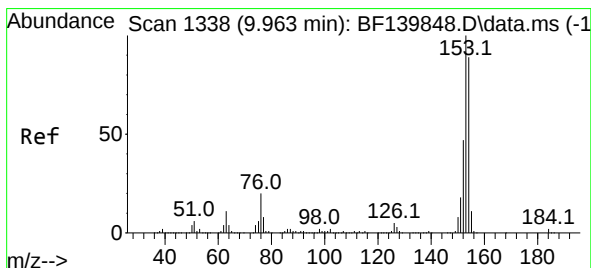
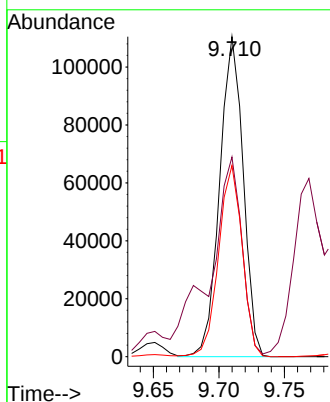
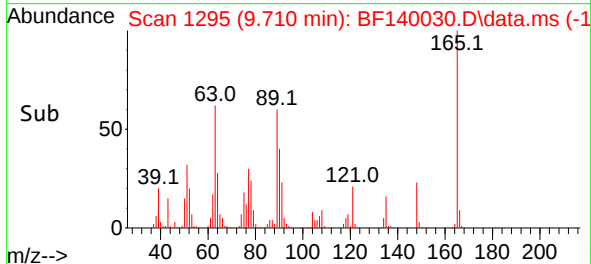
Instrument :
BNA_F
ClientSampleId :
PB164374BS



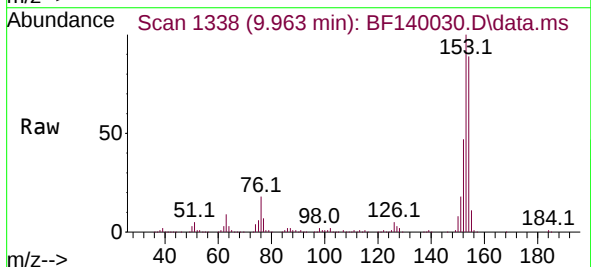
Tgt Ion:165 Resp: 137924
Ion Ratio Lower Upper
165 100
63 62.4 50.6 75.8
89 59.8 47.5 71.3

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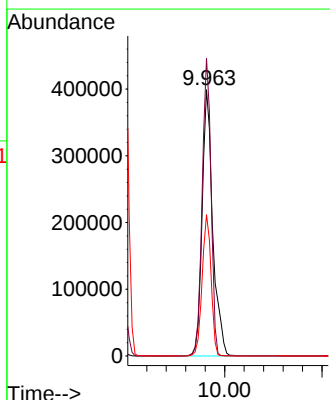
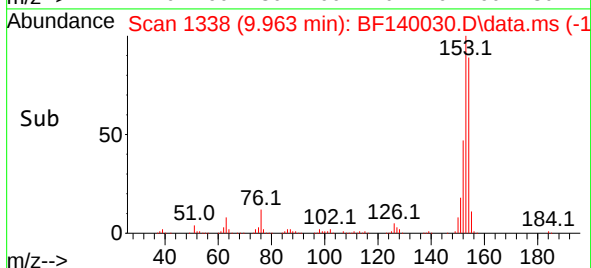
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

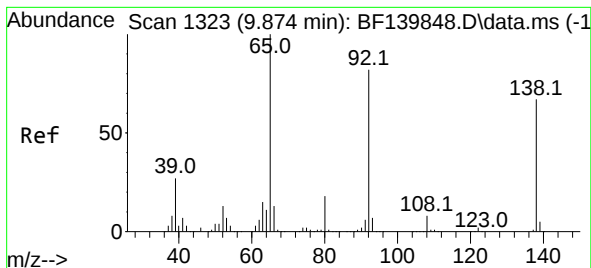


#52
Acenaphthene
Concen: 53.789 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



Tgt Ion:154 Resp: 604239
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.6
152 53.1 42.4 63.6





#53
3-Nitroaniline
Concen: 31.826 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

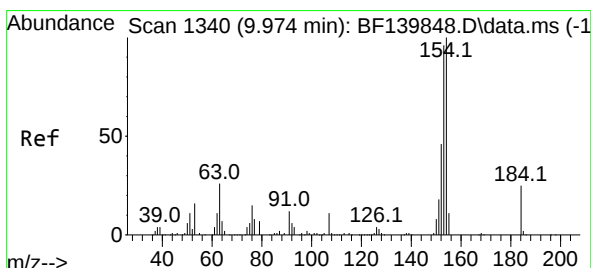
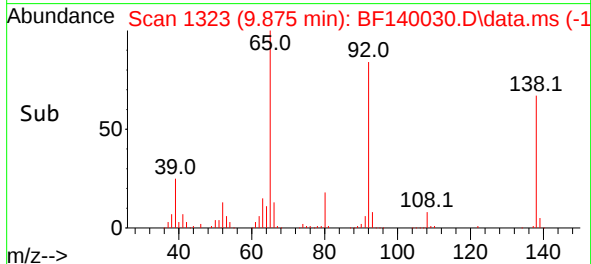
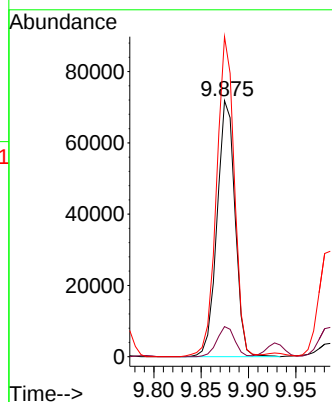
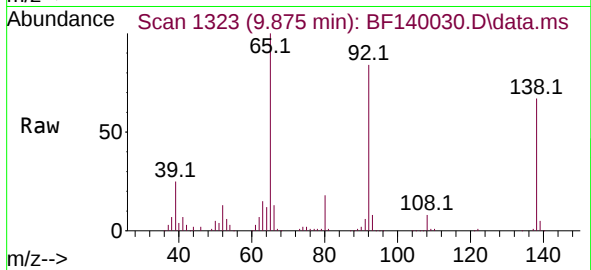
PB164374BS

Tgt Ion:138 Resp: 94828
Ion Ratio Lower Upper
138 100
108 11.7 10.2 15.2
92 125.0 98.3 147.5

Manual Integrations

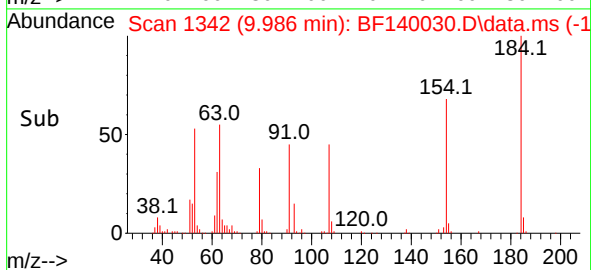
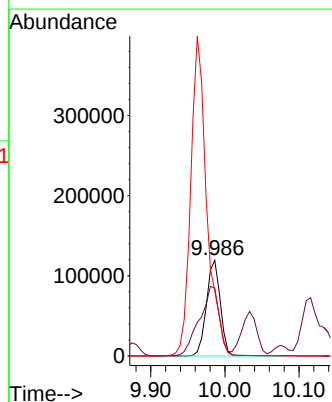
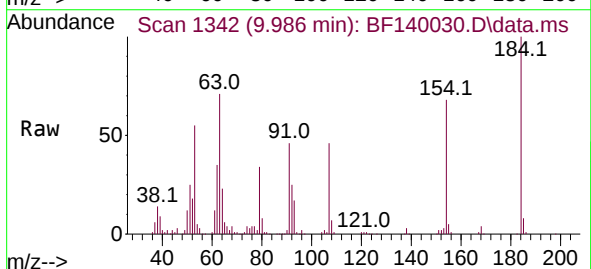
APPROVED

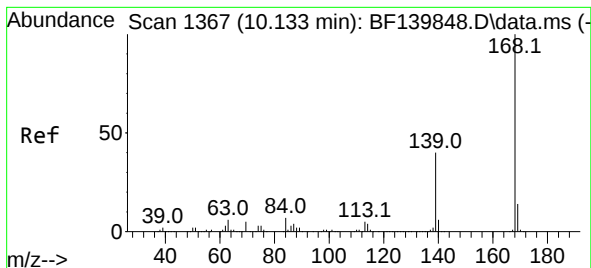
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#54
2,4-Dinitrophenol
Concen: 125.771 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

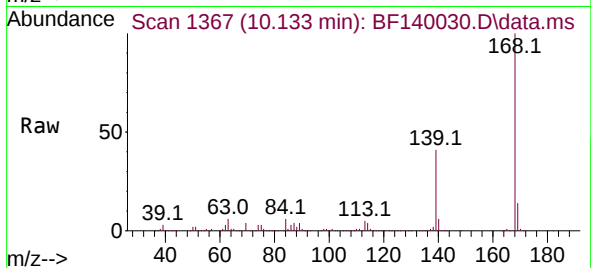
Tgt Ion:184 Resp: 155861
Ion Ratio Lower Upper
184 100
63 71.1 84.7 127.1#
154 67.8 338.2 507.2#





#55
Dibenzenofuran
Concen: 46.801 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

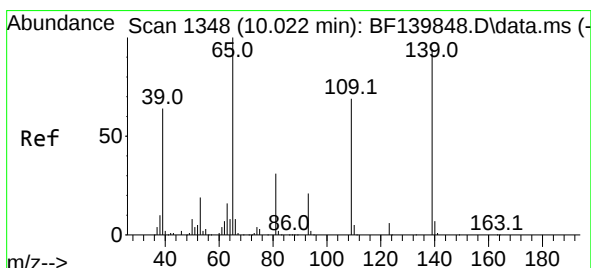
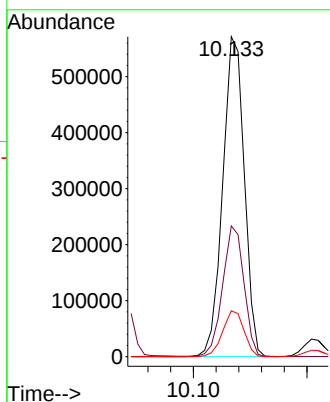
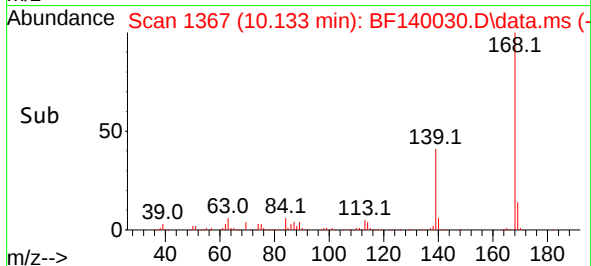
Instrument :
BNA_F
ClientSampleId :
PB164374BS



Tgt Ion:168 Resp: 754314
Ion Ratio Lower Upper
168 100
139 40.8 31.8 47.6
169 14.4 11.6 17.4

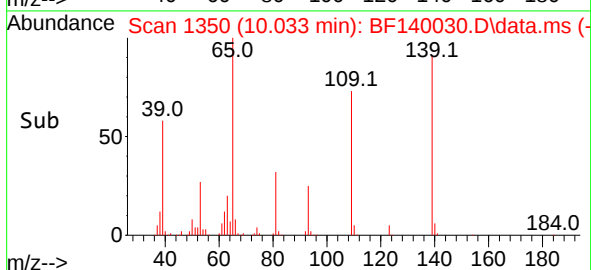
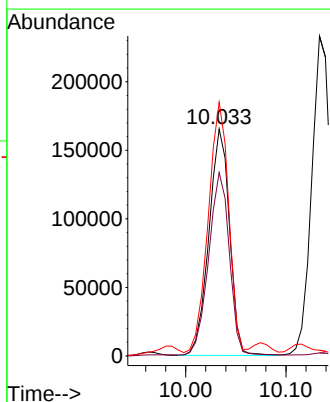
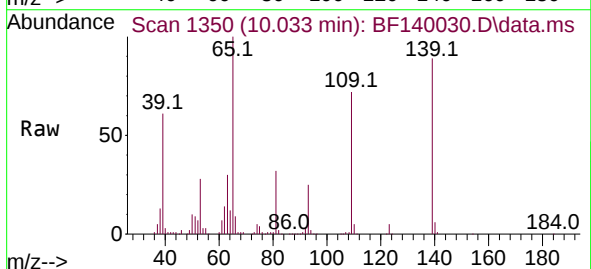
Manual Integrations
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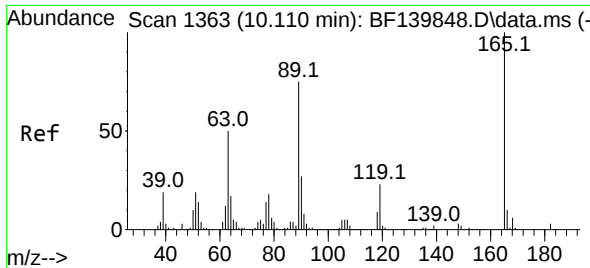
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#56
4-Nitrophenol
Concen: 102.985 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:139 Resp: 236075
Ion Ratio Lower Upper
139 100
109 80.8 53.6 93.6
65 111.8 87.8 127.8





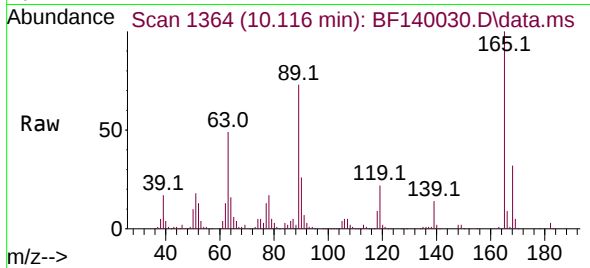
#57
2,4-Dinitrotoluene
Concen: 53.902 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS



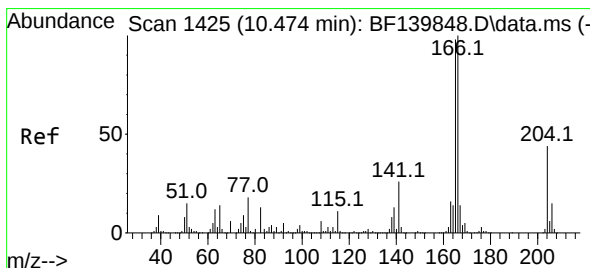
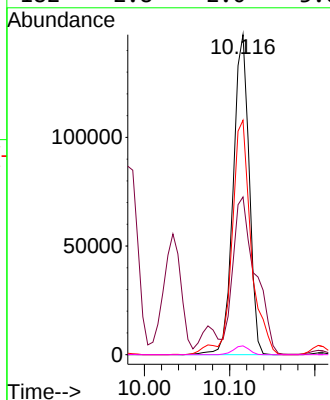
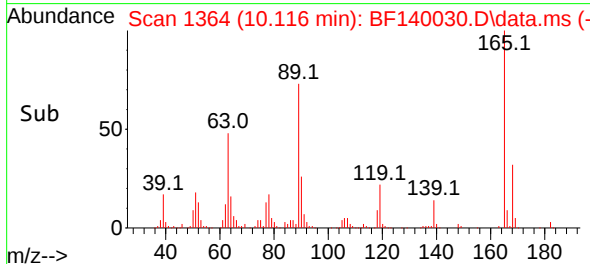
Tgt Ion:165 Resp: 19151
Ion Ratio Lower Upper
165 100
63 49.3 40.1 60.1
89 73.2 60.4 90.6
182 2.8 2.0 3.0

Manual Integrations

APPROVED

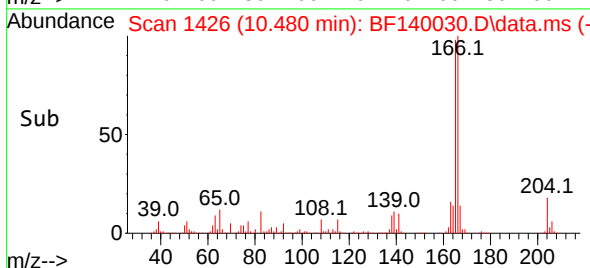
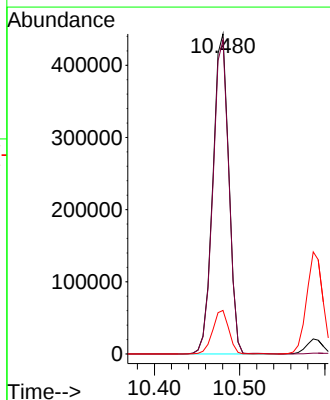
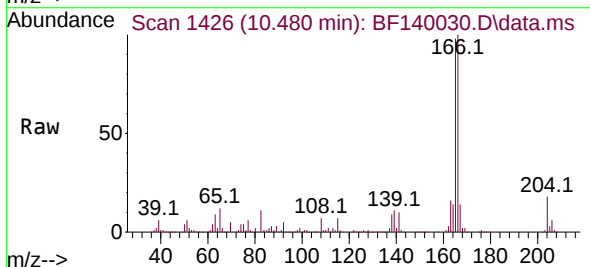
Reviewed By :Yogesh Patel 10/25/2024

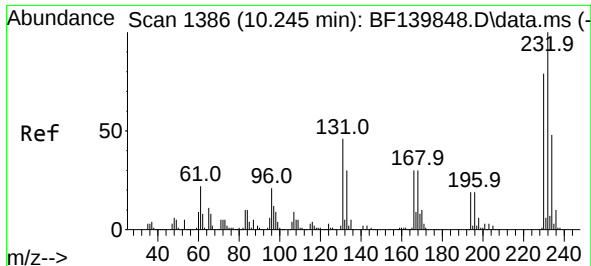
Supervised By :mohammad ahmed 10/28/2024



#58
Fluorene
Concen: 47.082 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

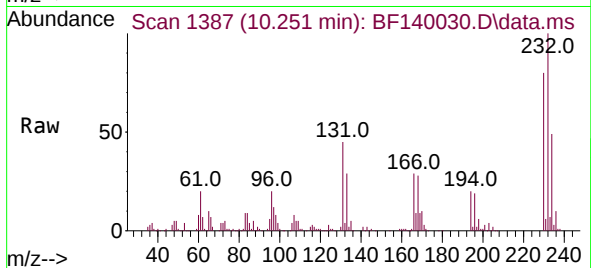
Tgt Ion:166 Resp: 577977
Ion Ratio Lower Upper
166 100
165 98.0 78.5 117.7
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.105 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

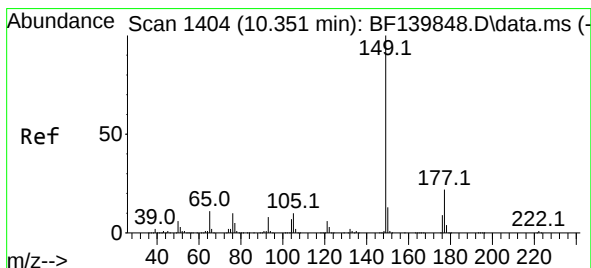
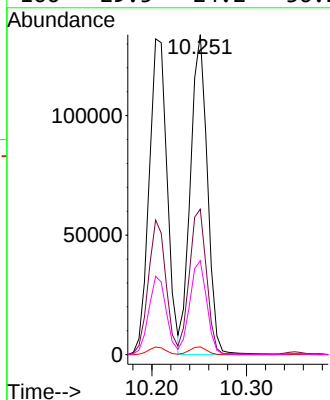
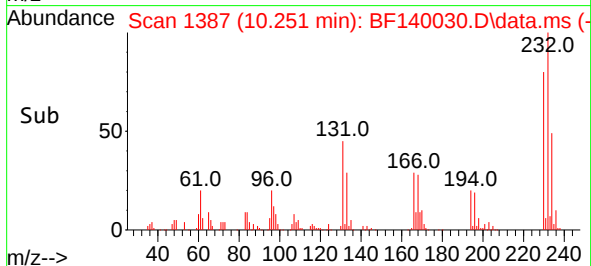
Instrument :
BNA_F
ClientSampleId :
PB164374BS



Tgt Ion:232 Resp: 165829
Ion Ratio Lower Upper
232 100
131 46.6 37.0 55.6
130 2.5 1.9 2.9
166 29.5 24.2 36.2

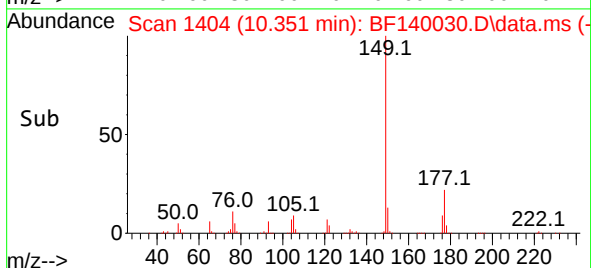
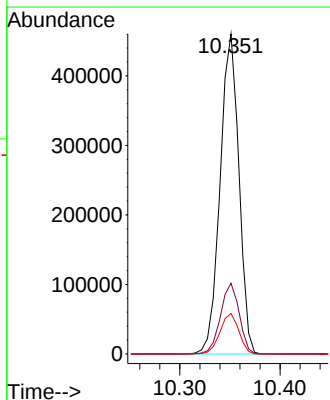
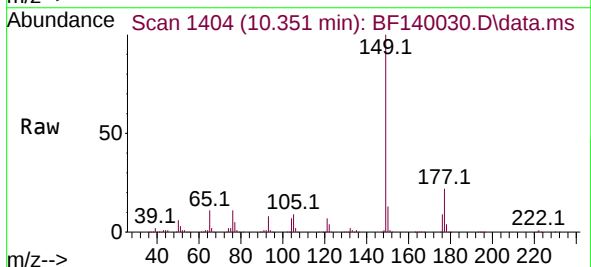
Manual Integrations
APPROVED

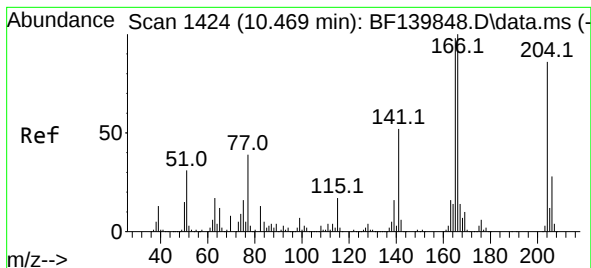
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#60
Diethylphthalate
Concen: 45.606 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

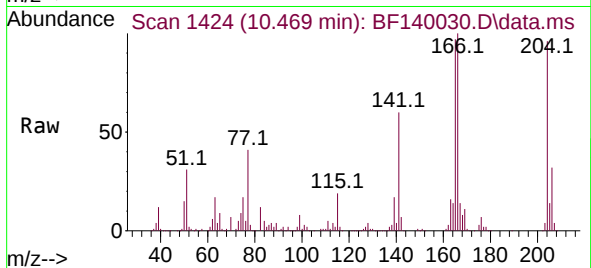
Tgt Ion:149 Resp: 597533
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.431 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

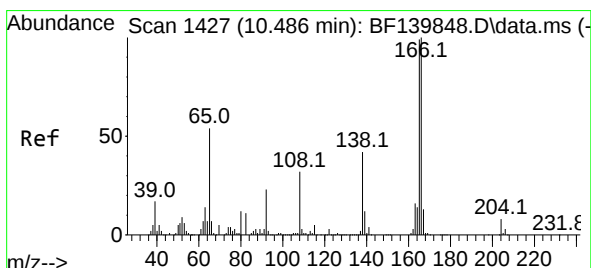
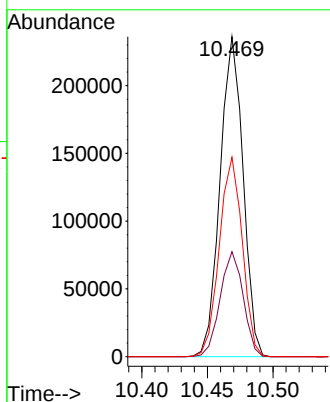
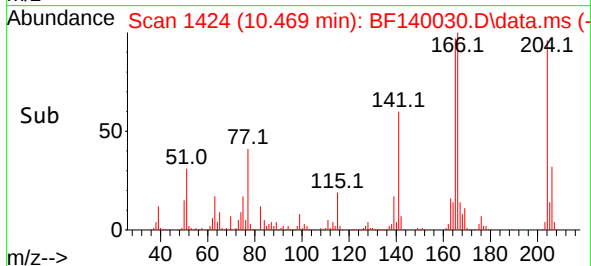
Instrument :
BNA_F
ClientSampleId :
PB164374BS



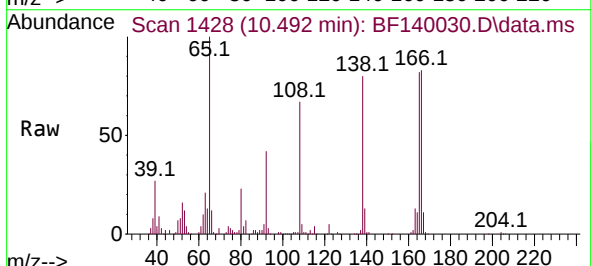
Tgt Ion:204 Resp: 28784
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 62.3 48.6 73.0

Manual Integrations
APPROVED

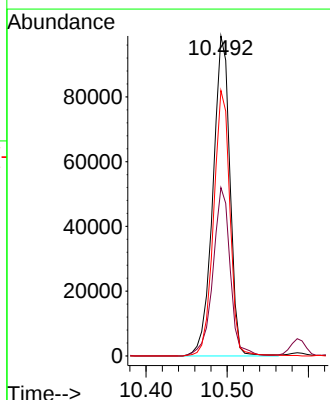
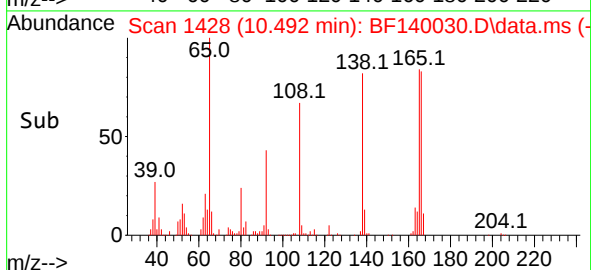
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

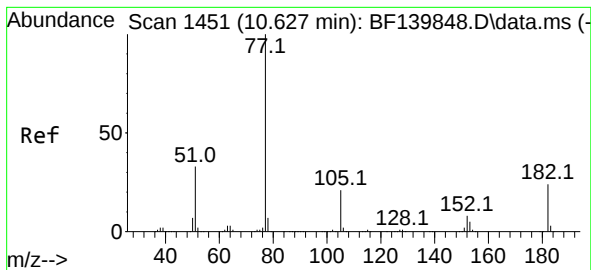


#62
4-Nitroaniline
Concen: 51.228 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



Tgt Ion:138 Resp: 144160
Ion Ratio Lower Upper
138 100
92 52.6 35.7 75.7
108 83.0 57.5 97.5





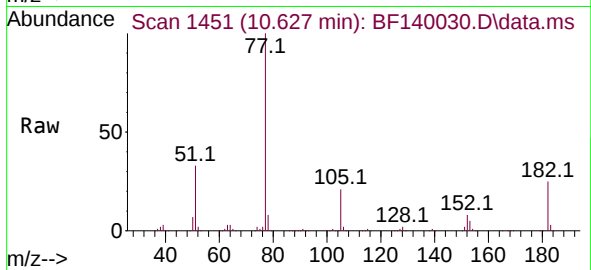
#63
Azobenzene
Concen: 44.211 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS



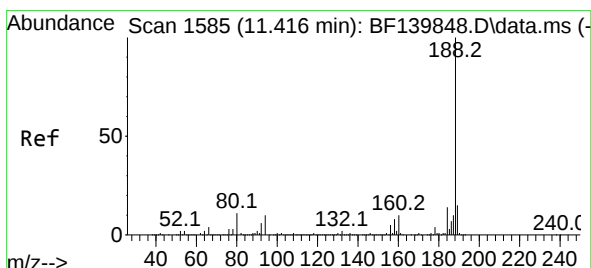
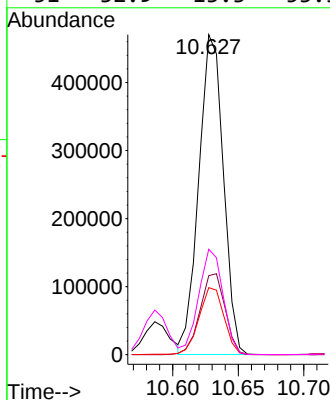
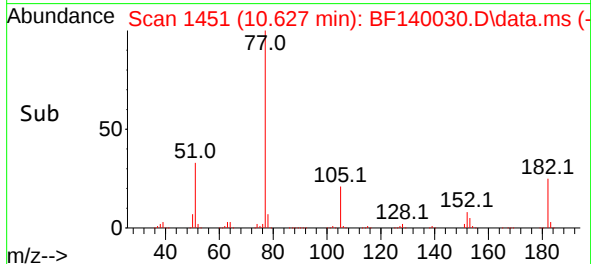
Tgt Ion: 77 Resp: 614092
Ion Ratio Lower Upper
77 100
182 24.7 3.3 43.3
105 20.9 1.2 41.2
51 32.9 13.3 53.3

Manual Integrations

APPROVED

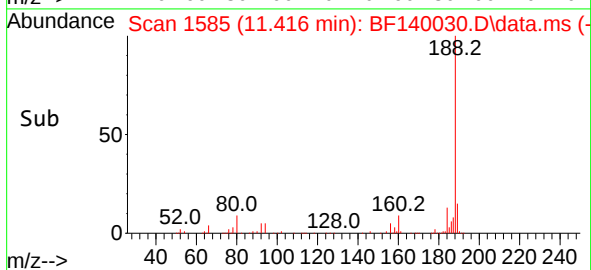
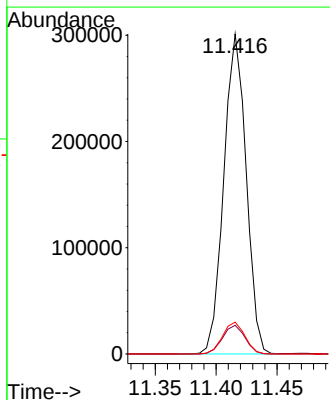
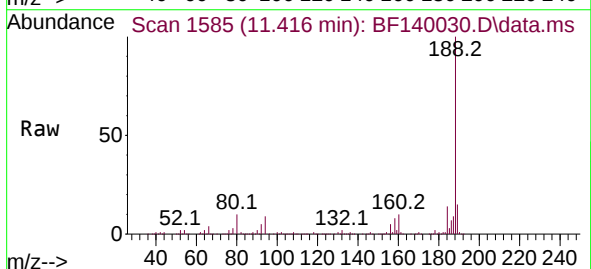
Reviewed By :Yogesh Patel 10/25/2024

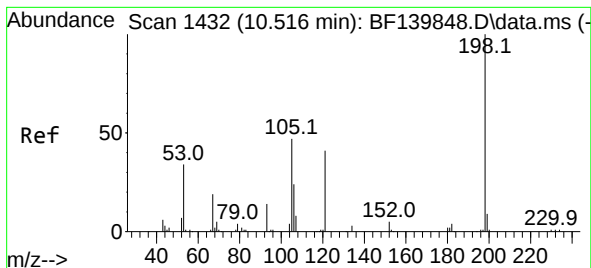
Supervised By :mohammad ahmed 10/28/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

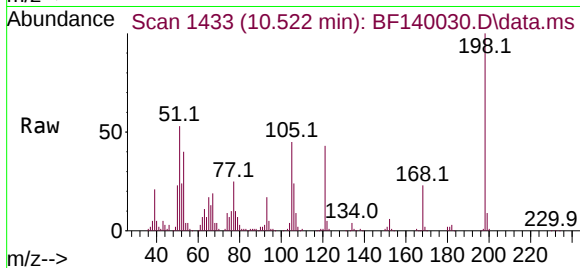
Tgt Ion:188 Resp: 384147
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.9 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 66.539 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

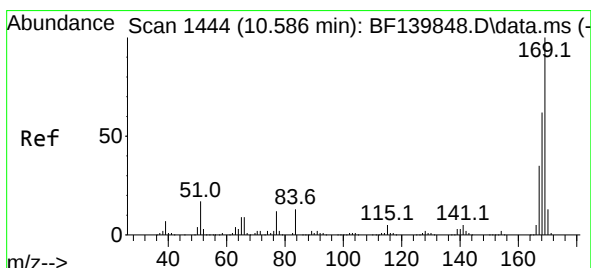
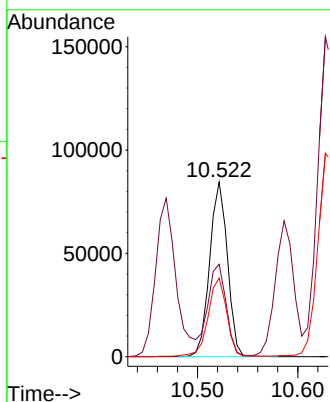
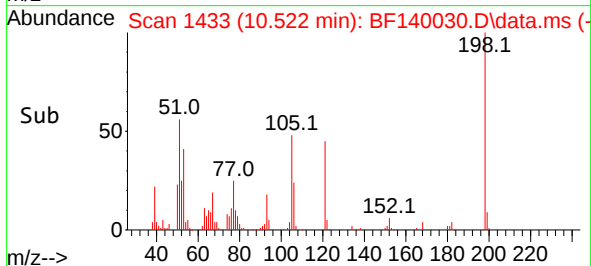
Instrument :
BNA_F
ClientSampleId :
PB164374BS



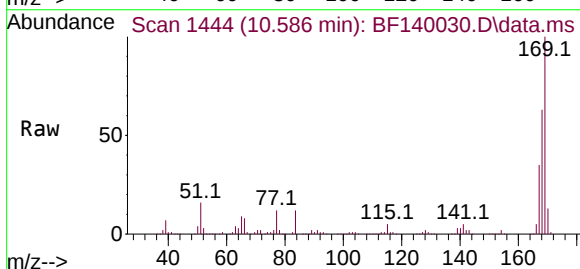
Tgt Ion:198 Resp: 104261
Ion Ratio Lower Upper
198 100
51 53.0 38.2 78.2
105 45.0 27.9 67.9

Manual Integrations
APPROVED

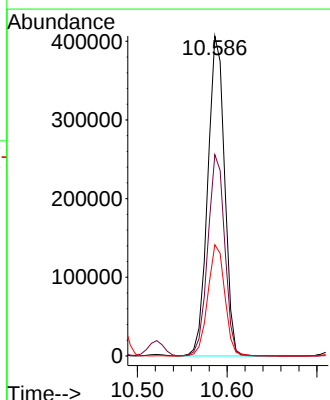
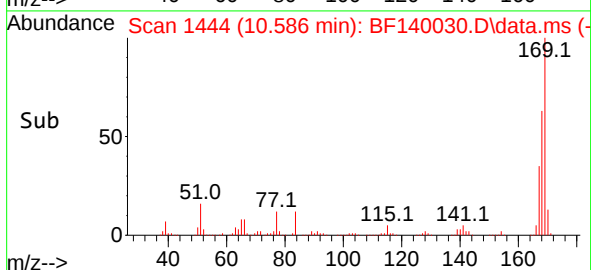
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

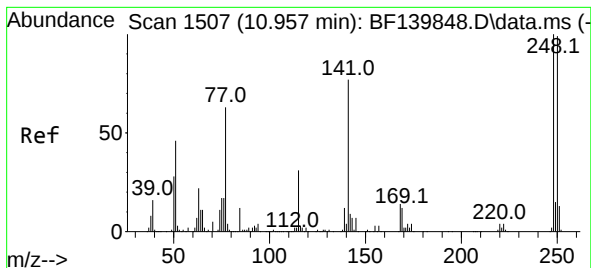


#66
n-Nitrosodiphenylamine
Concen: 45.908 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



Tgt Ion:169 Resp: 527823
Ion Ratio Lower Upper
169 100
168 62.9 49.8 74.6
167 34.8 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 46.450 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

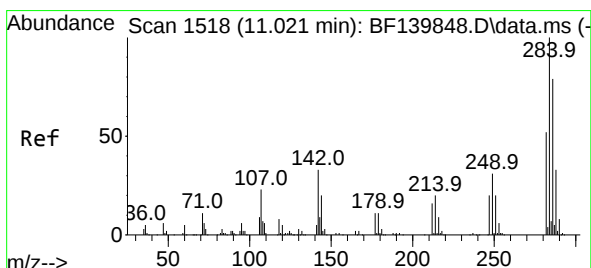
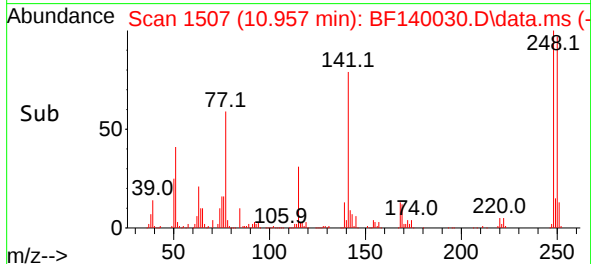
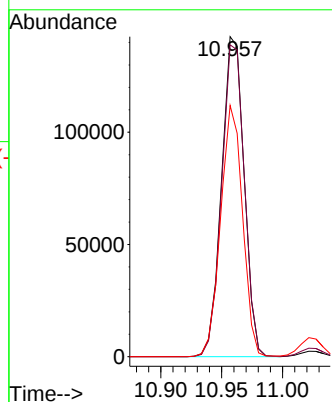
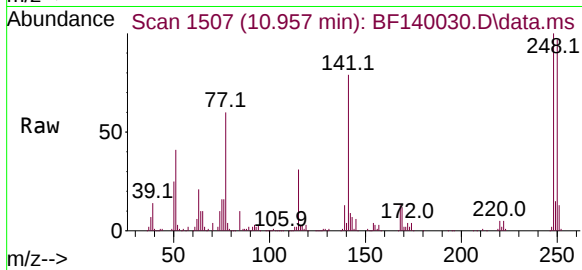
PB164374BS

Tgt Ion:248 Resp: 183825
Ion Ratio Lower Upper
248 100
250 97.4 79.0 118.6
141 78.5 61.7 92.5

Manual Integrations

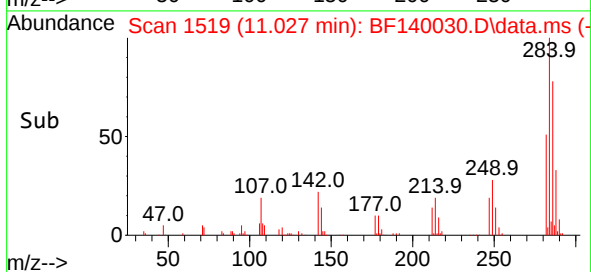
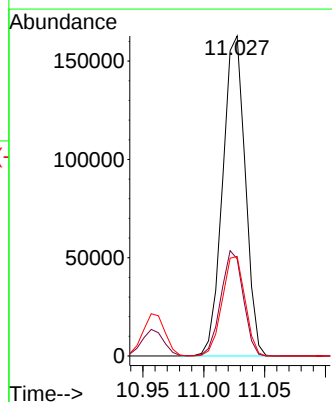
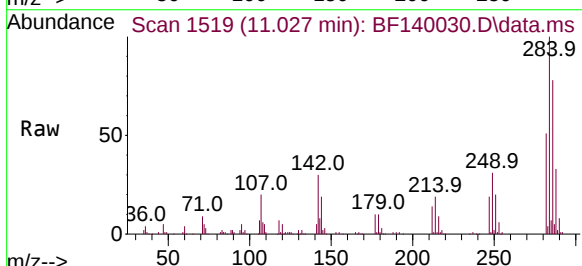
APPROVED

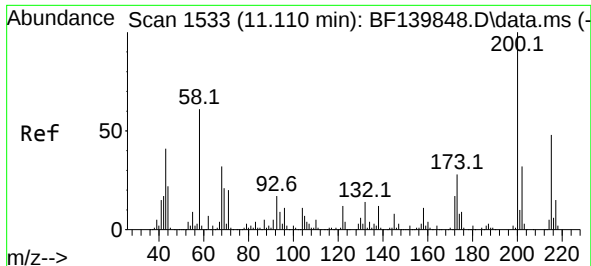
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#68
Hexachlorobenzene
Concen: 47.187 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

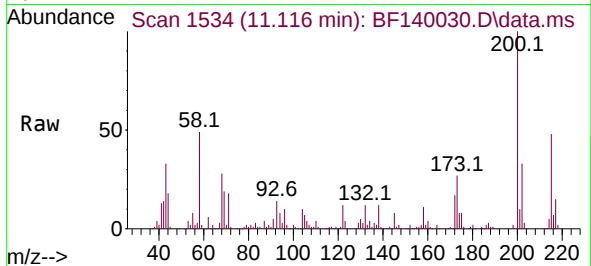
Tgt Ion:284 Resp: 210019
Ion Ratio Lower Upper
284 100
142 30.3 26.9 40.3
249 31.1 25.3 37.9





#69
Atrazine
Concen: 54.774 ng
RT: 11.116 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

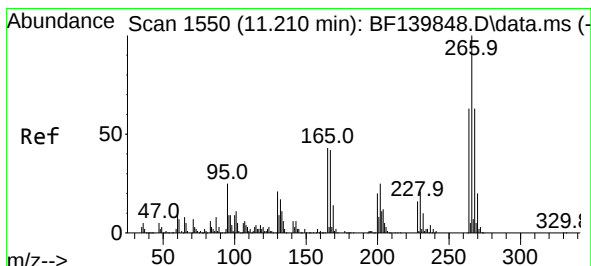
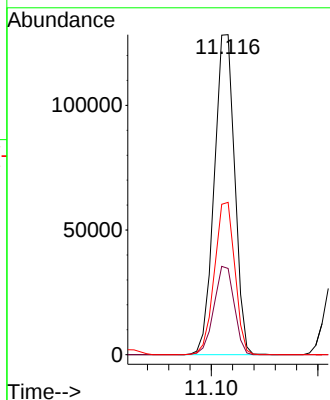
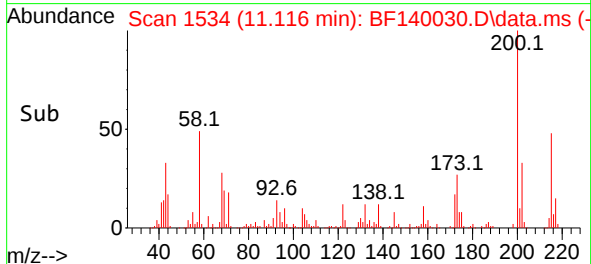
Instrument :
BNA_F
ClientSampleId :
PB164374BS



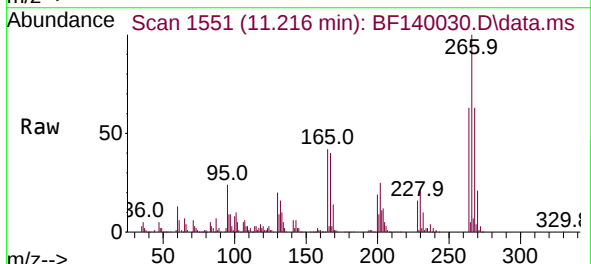
Tgt Ion:200 Resp: 170592
Ion Ratio Lower Upper
200 100
173 26.9 7.7 47.7
215 47.6 27.7 67.7

Manual Integrations
APPROVED

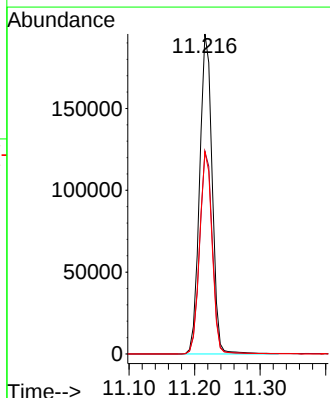
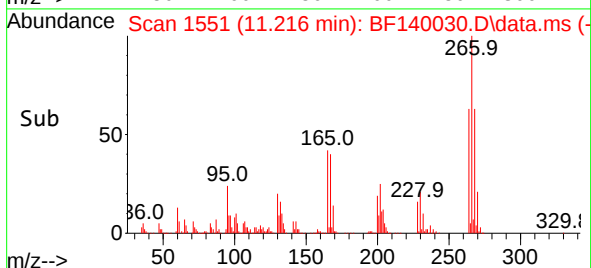
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

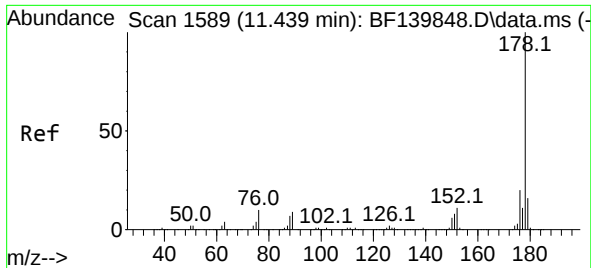


#70
Pentachlorophenol
Concen: 96.588 ng
RT: 11.216 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



Tgt Ion:266 Resp: 260905
Ion Ratio Lower Upper
266 100
268 63.3 50.4 75.6
264 63.1 50.6 75.8





#71
Phenanthrene
Concen: 47.308 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

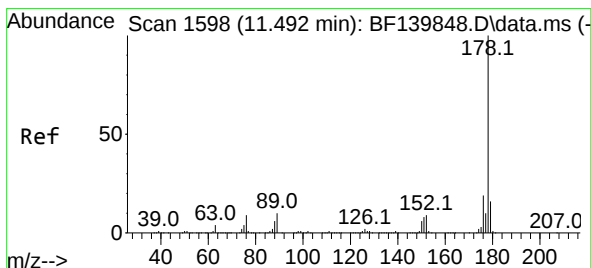
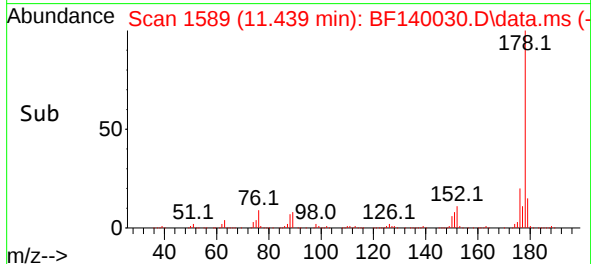
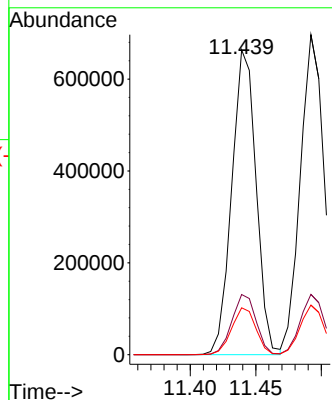
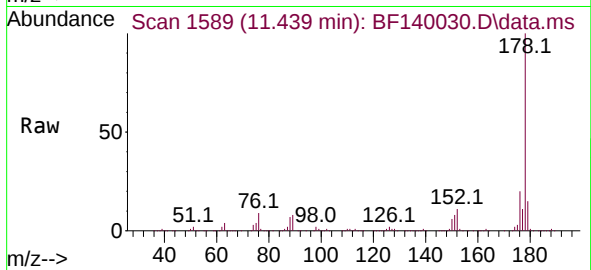
ClientSampleId :

PB164374BS

Tgt Ion:178 Resp: 858420
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.4 12.6 18.8

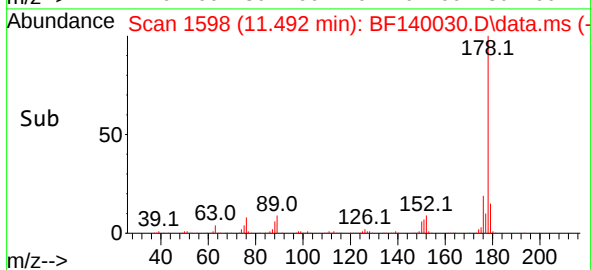
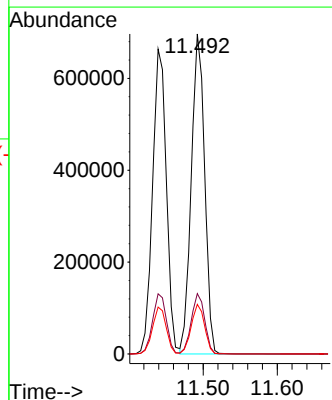
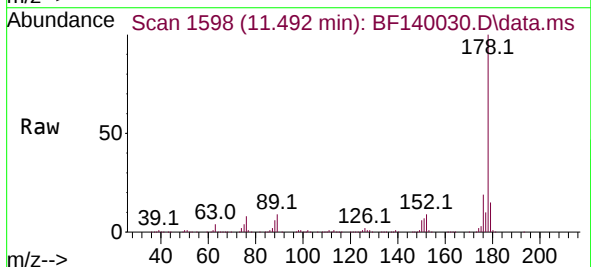
Manual Integrations
APPROVED

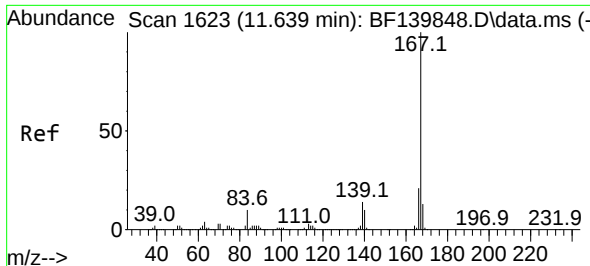
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#72
Anthracene
Concen: 49.262 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:178 Resp: 872145
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.5 12.4 18.6





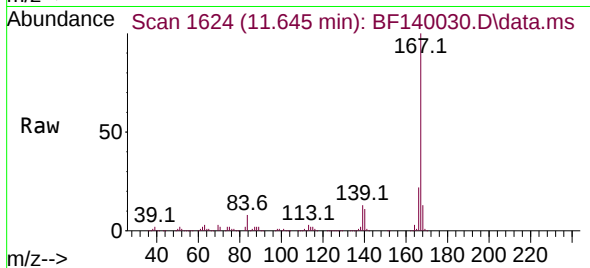
#73
 Carbazole
 Concen: 47.103 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. 0.006 min
 Lab File: BF140030.D
 Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS



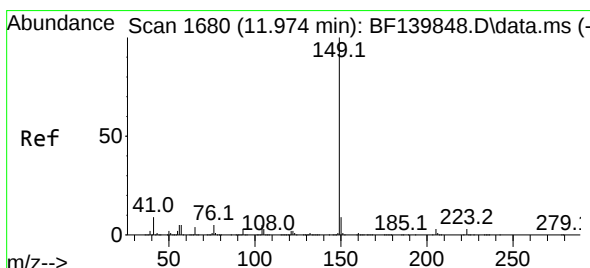
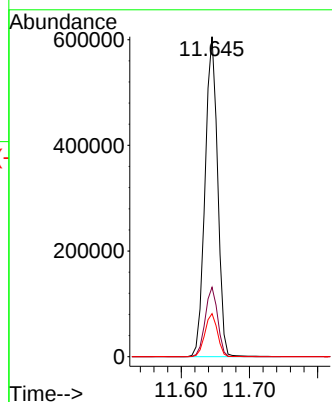
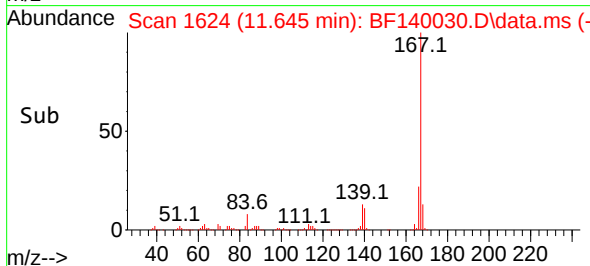
Tgt Ion:167 Resp: 77557
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.5 10.8 16.2

Manual Integrations

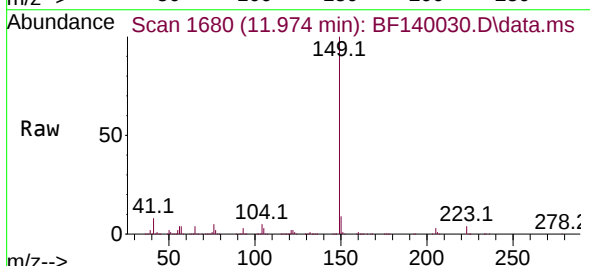
APPROVED

Reviewed By :Yogesh Patel 10/25/2024

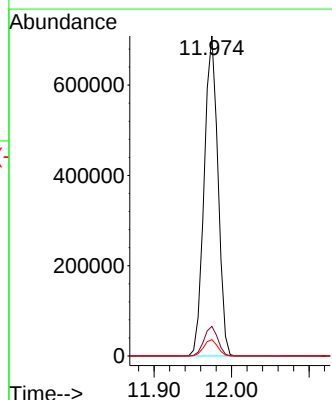
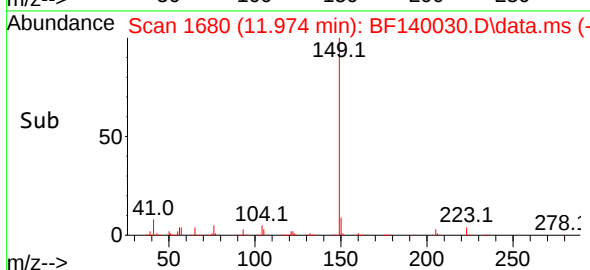
Supervised By :mohammad ahmed 10/28/2024

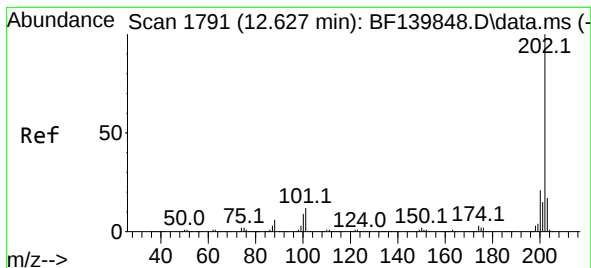


#74
 Di-n-butylphthalate
 Concen: 45.912 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF140030.D
 Acq: 25 Oct 2024 11:41



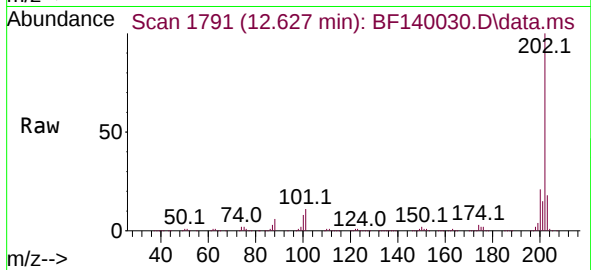
Tgt Ion:149 Resp: 873378
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 48.050 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

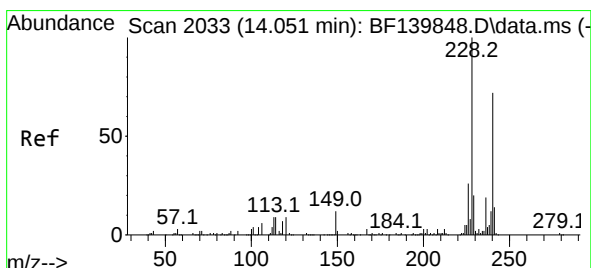
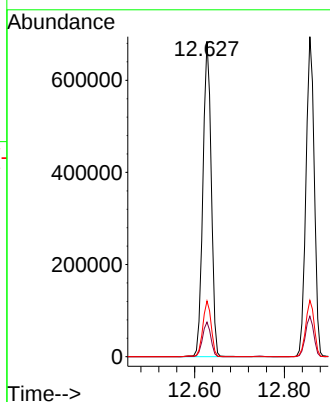
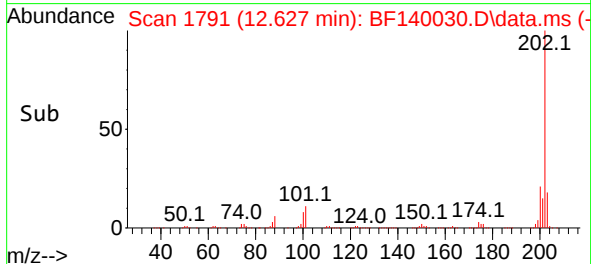
Instrument :
BNA_F
ClientSampleId :
PB164374BS



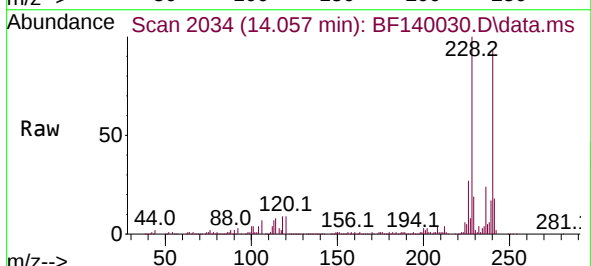
Tgt Ion:202 Resp: 88142
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.9
203 17.7 0.0 37.5

Manual Integrations
APPROVED

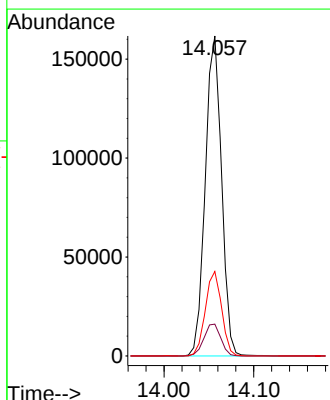
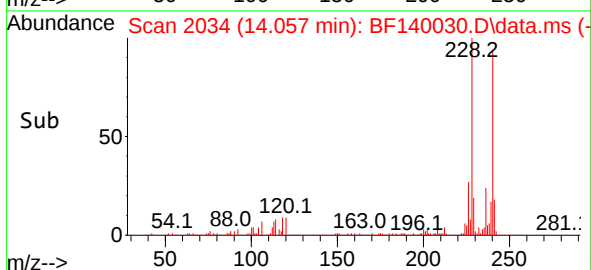
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

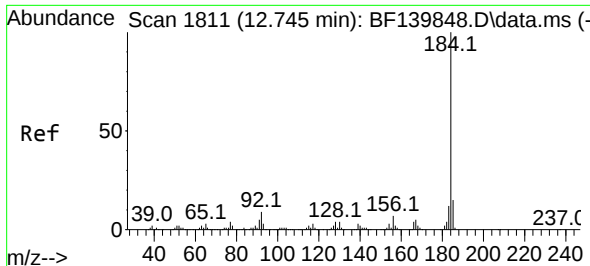


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



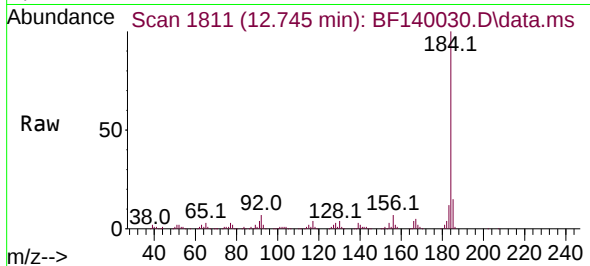
Tgt Ion:240 Resp: 203575
Ion Ratio Lower Upper
240 100
120 10.0 9.4 14.2
236 26.4 20.9 31.3





#77
Benzidine
Concen: 62.894 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

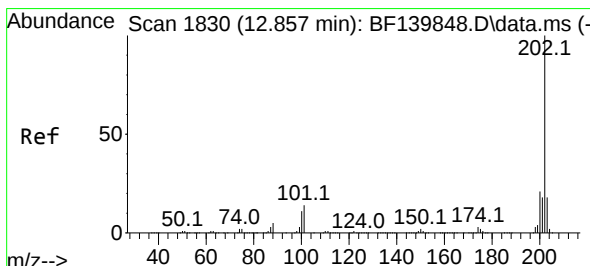
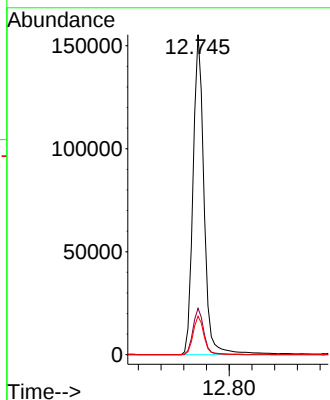
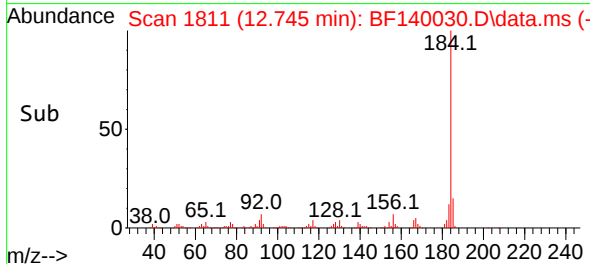
Instrument :
BNA_F
ClientSampleId :
PB164374BS



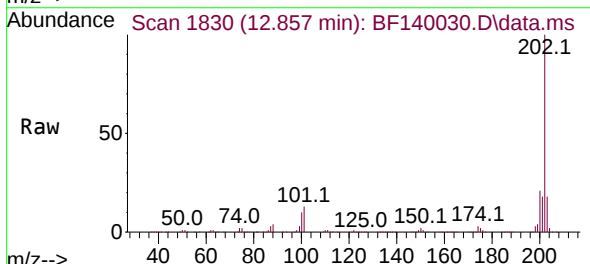
Tgt Ion:184 Resp: 210534
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 12.0 9.4 14.2

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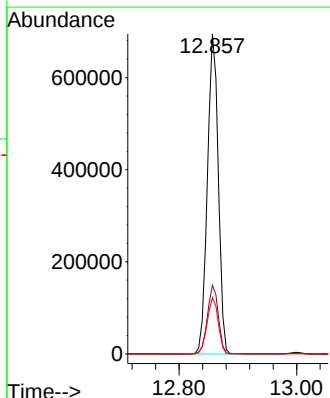
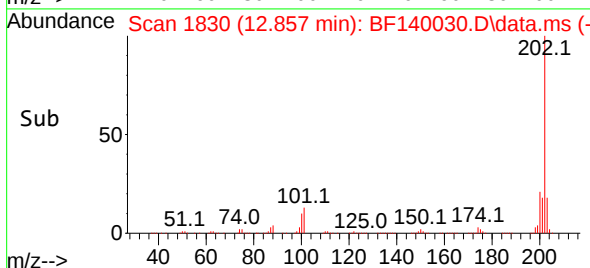
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

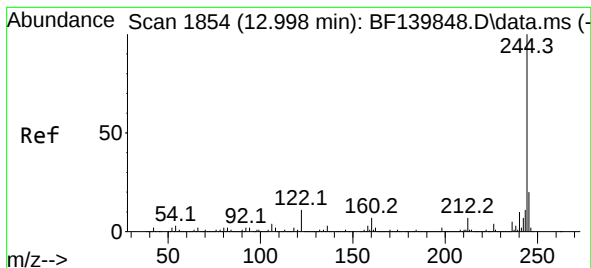


#78
Pyrene
Concen: 50.231 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



Tgt Ion:202 Resp: 895090
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 101.538 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140030.D

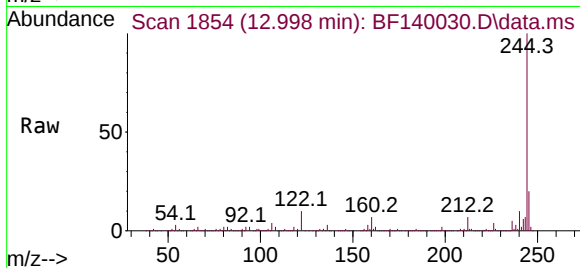
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS



Tgt Ion:244 Resp: 1268534

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

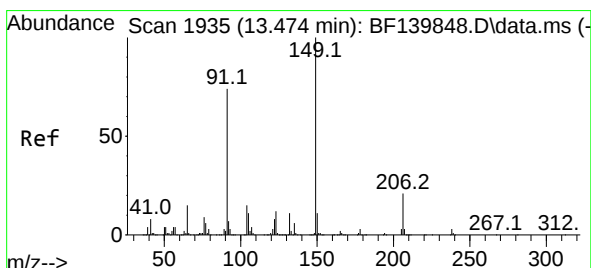
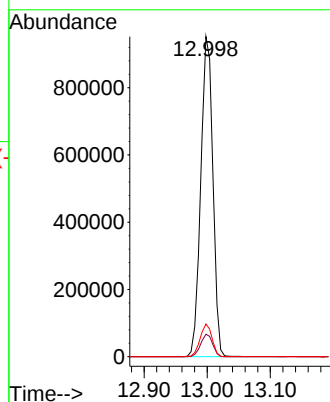
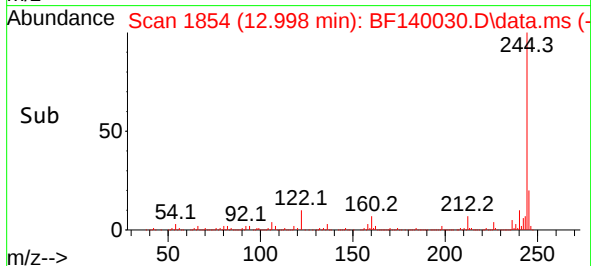
122 10.2 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#80

Butylbenzylphthalate

Concen: 54.448 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

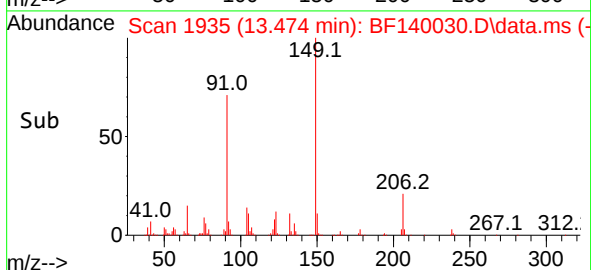
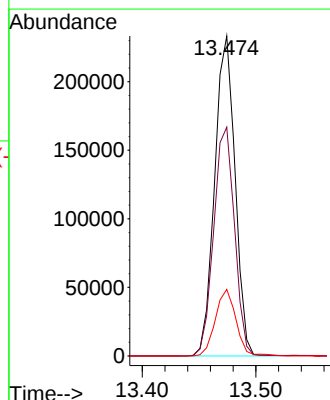
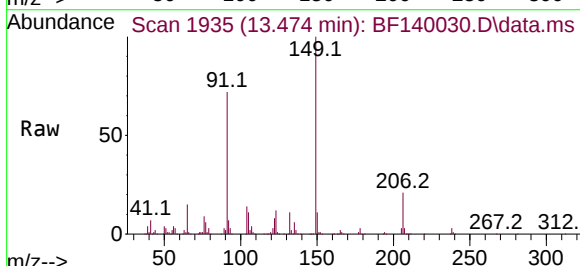
Tgt Ion:149 Resp: 290878

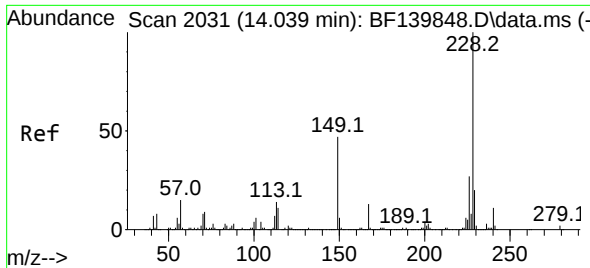
Ion Ratio Lower Upper

149 100

91 71.5 59.4 89.2

206 20.8 16.4 24.6





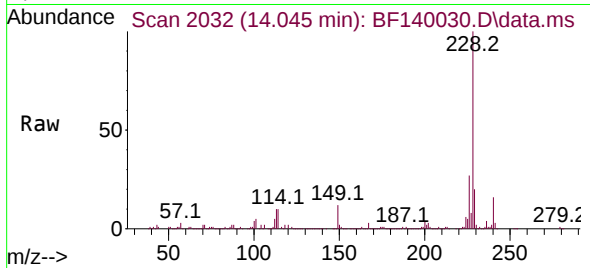
#81
Benzo(a)anthracene
Concen: 50.103 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS



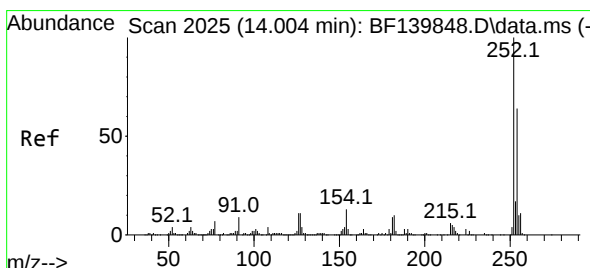
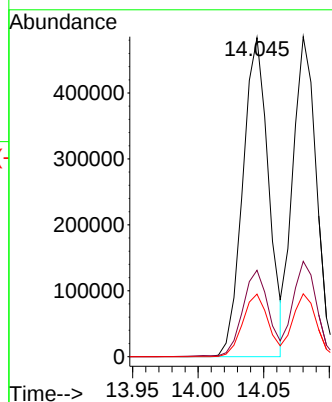
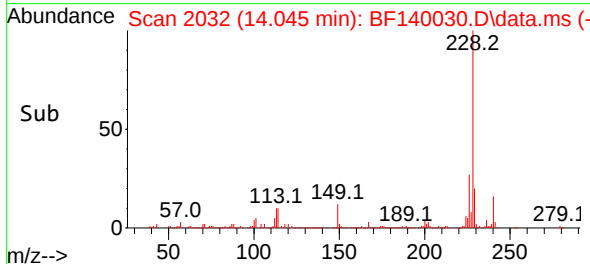
Tgt Ion:228 Resp: 663969
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.6 16.1 24.1

Manual Integrations

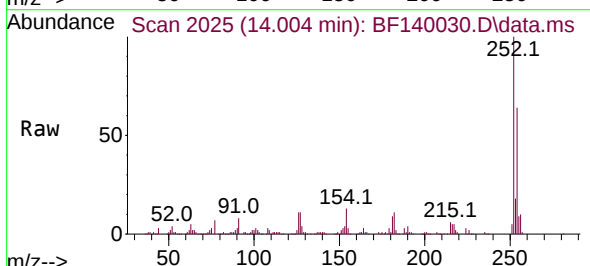
APPROVED

Reviewed By :Yogesh Patel 10/25/2024

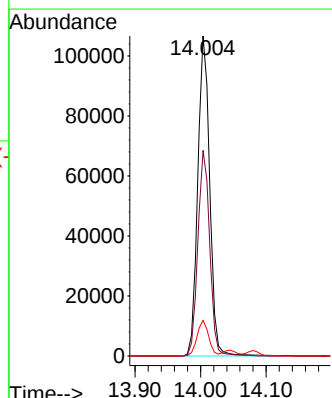
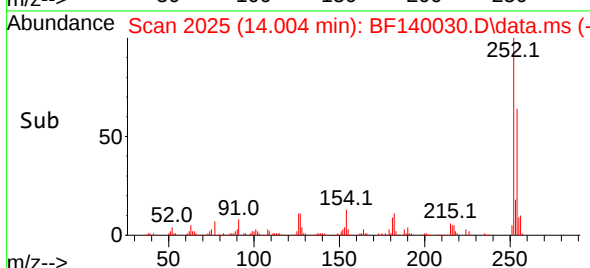
Supervised By :mohammad ahmed 10/28/2024

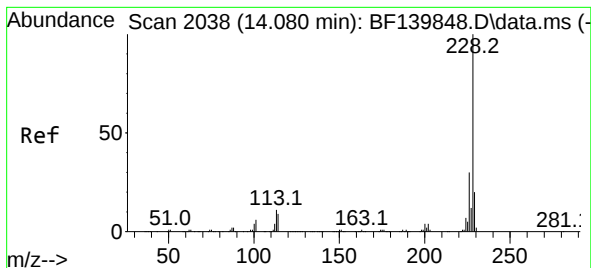


#82
3,3'-Dichlorobenzidine
Concen: 34.965 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



Tgt Ion:252 Resp: 135101
Ion Ratio Lower Upper
252 100
254 64.2 50.8 76.2
126 11.1 8.9 13.3





#83

Chrysene

Concen: 49.663 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140030.D

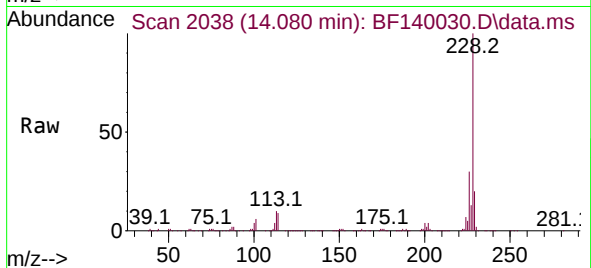
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS



Tgt Ion:228 Resp: 603430

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

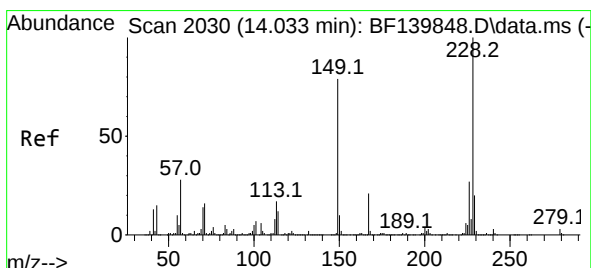
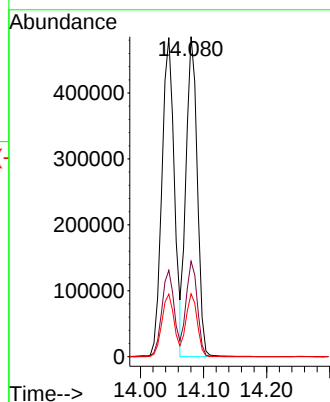
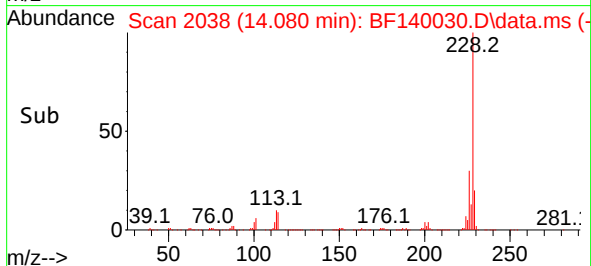
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.822 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

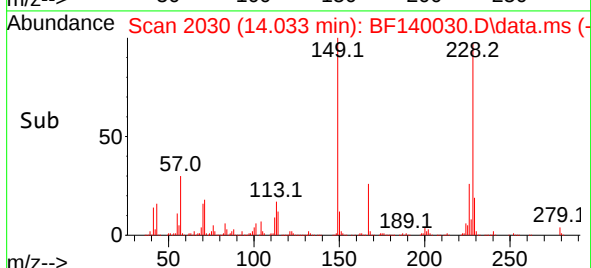
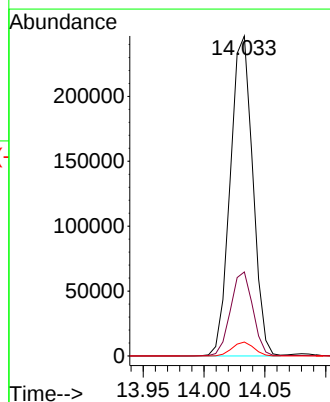
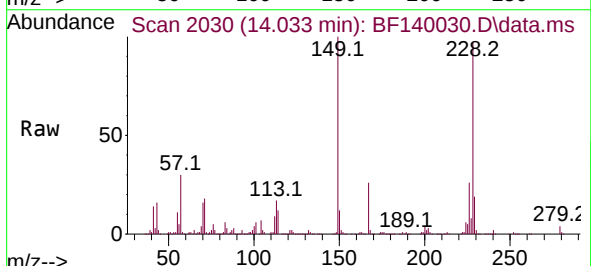
Tgt Ion:149 Resp: 316605

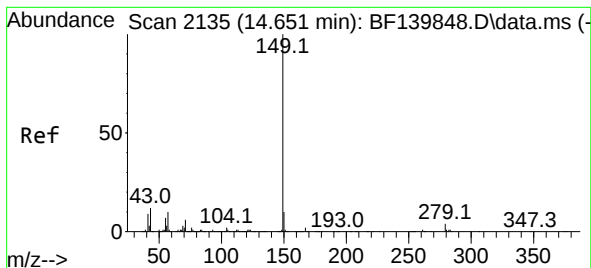
Ion Ratio Lower Upper

149 100

167 26.2 21.4 32.0

279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 41.540 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

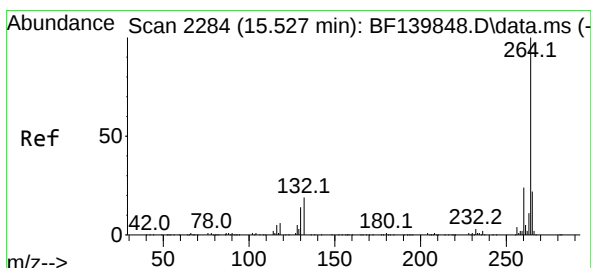
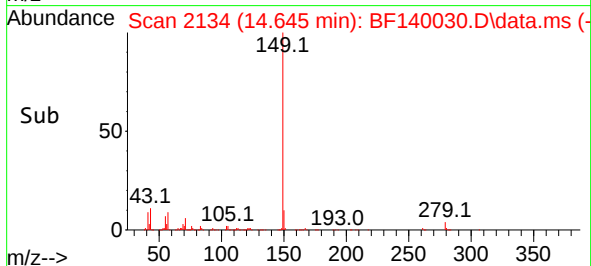
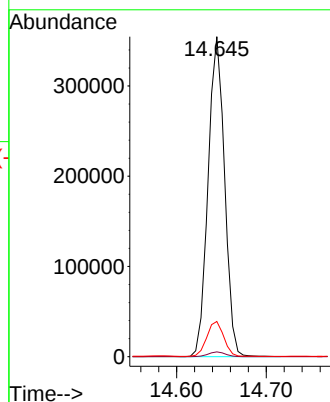
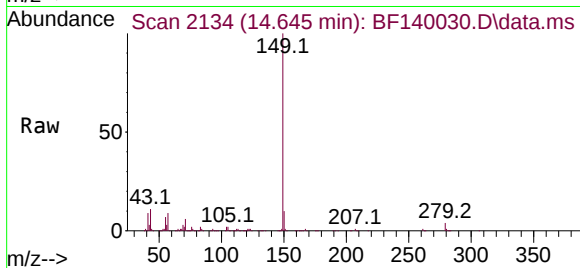
Tgt Ion:149	Resp: 45286
Ion Ratio	Lower Upper
149 100	
167 1.5	1.2 1.8
43 11.1	9.8 14.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#86

Perylene-d12

Concen: 20.000 ng

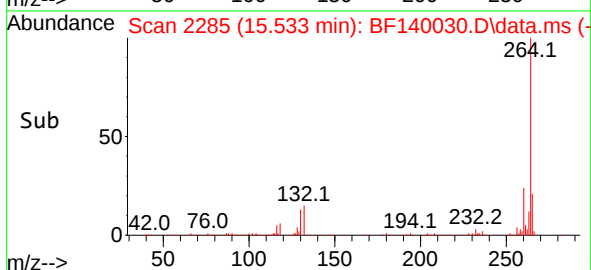
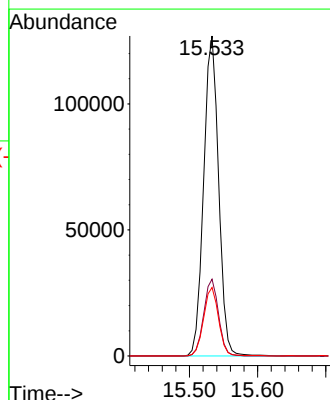
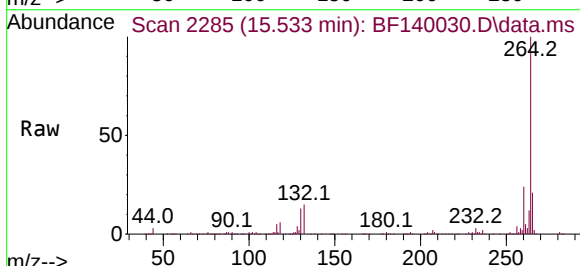
RT: 15.533 min Scan# 2285

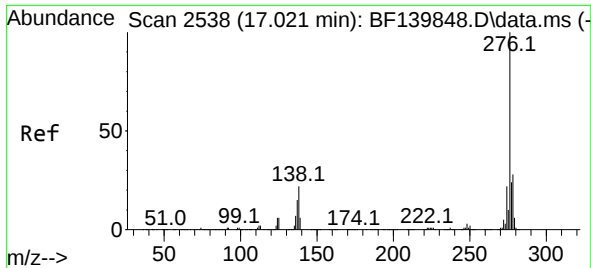
Delta R.T. 0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Tgt Ion:264	Resp: 193759
Ion Ratio	Lower Upper
264 100	
260 24.0	19.4 29.2
265 21.4	17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.379 ng
RT: 17.033 min Scan# 2140
Delta R.T. 0.012 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

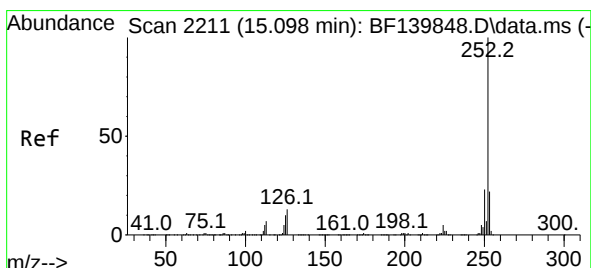
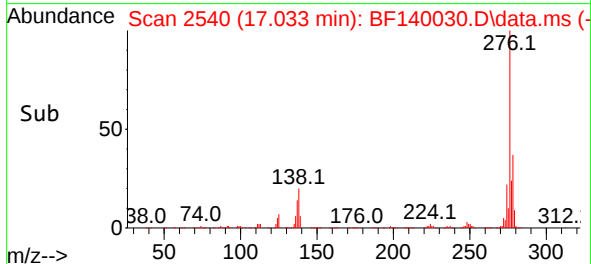
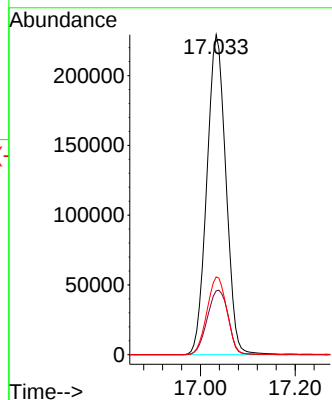
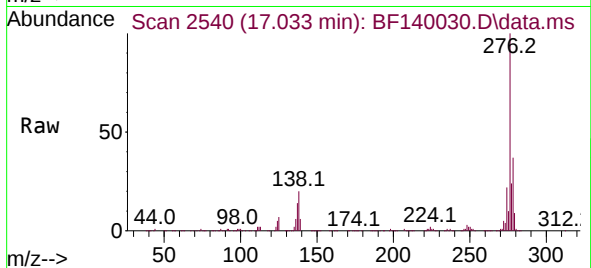
ClientSampleId :

PB164374BS

Tgt Ion:276 Resp: 64044
Ion Ratio Lower Upper
276 100
138 22.2 20.4 30.6
277 25.5 20.2 30.4

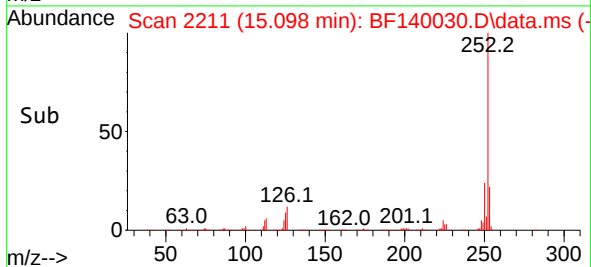
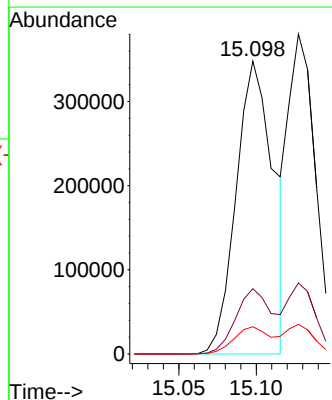
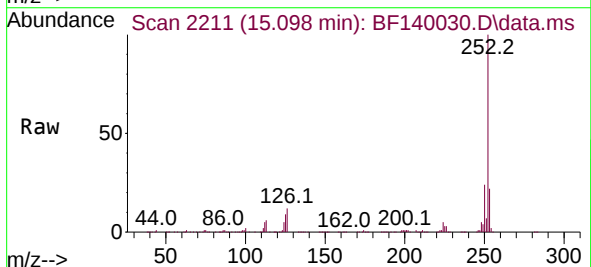
Manual Integrations
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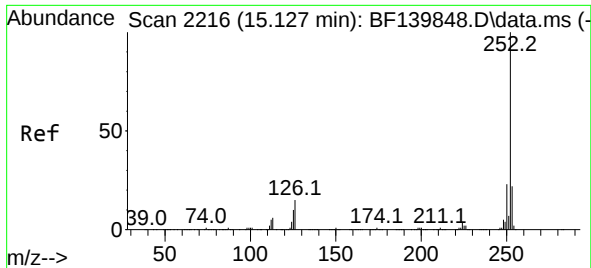
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#88
Benzo(b)fluoranthene
Concen: 49.361 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:252 Resp: 582607
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.3 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 45.843 ng
RT: 15.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

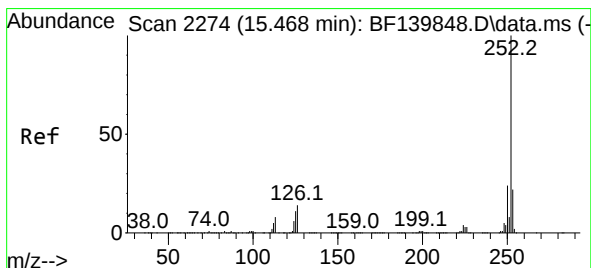
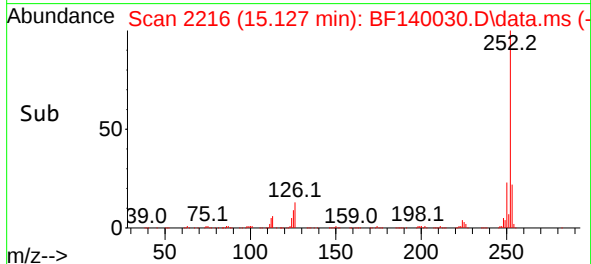
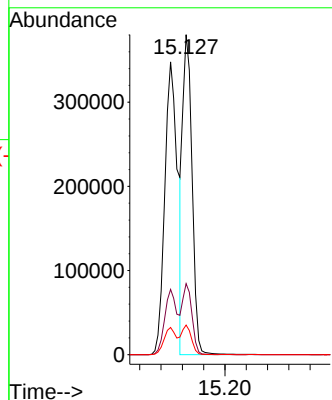
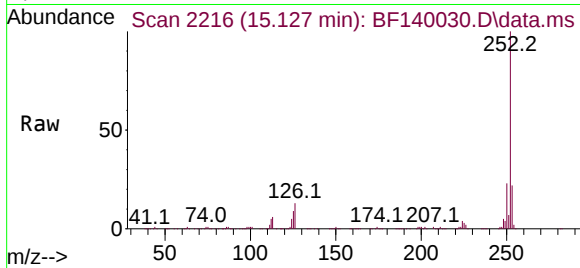
PB164374BS

Tgt Ion:252 Resp: 466644
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.3 7.9 11.9

Manual Integrations

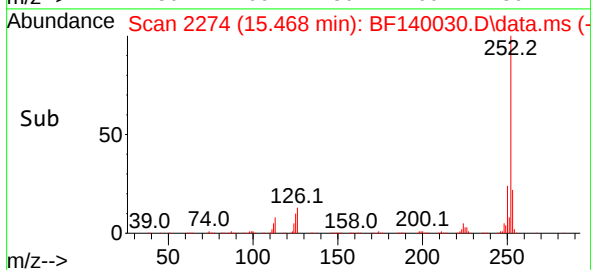
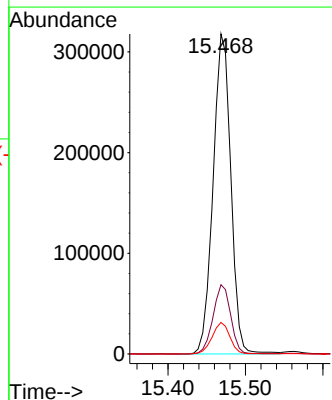
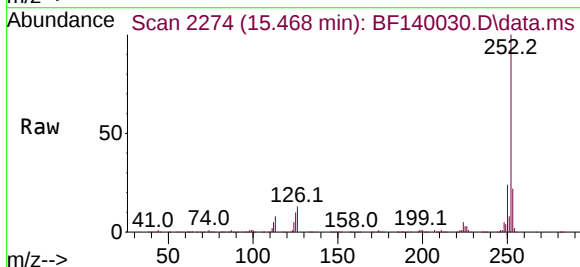
APPROVED

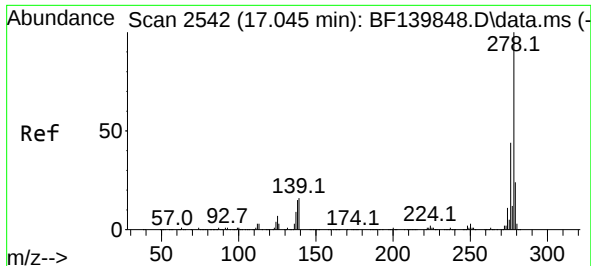
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#90
Benzo(a)pyrene
Concen: 52.066 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:252 Resp: 505655
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.9 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 50.068 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

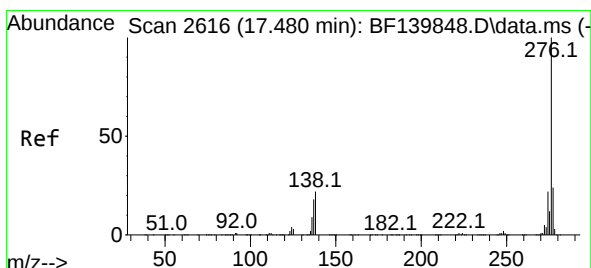
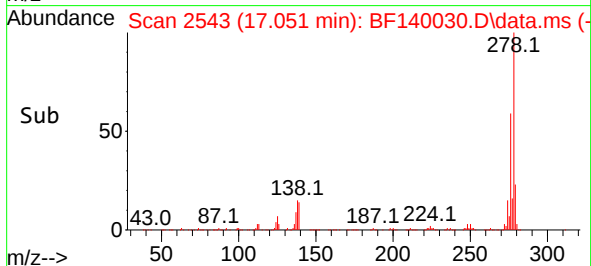
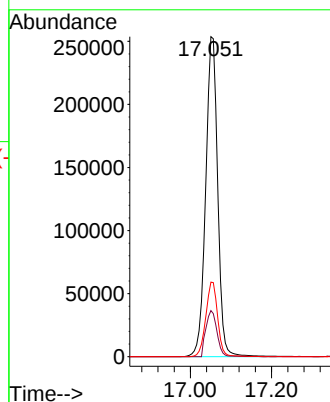
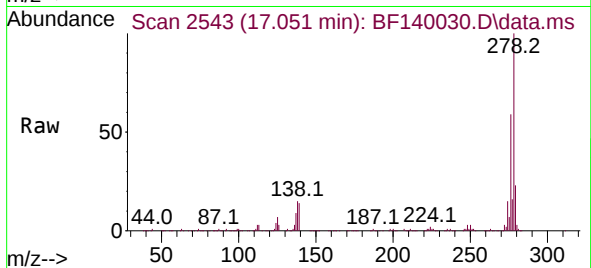
PB164374BS

Tgt Ion:278 Resp: 52063
Ion Ratio Lower Upper
278 100
139 14.4 13.1 19.7
279 23.3 19.0 28.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#92
Benzo(g,h,i)perylene
Concen: 48.276 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:276 Resp: 501438
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 18.6 17.4 26.0

