

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140203.D
 Acq On : 01 Nov 2024 10:41
 Operator : RC/JU
 Sample : PB164531BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164531BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 01 11:48:10 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	6.886	152	129622	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	521877	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	295286	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	550886	20.000	ng	0.00
76) Chrysene-d12	14.080	240	342085	20.000	ng	0.03
86) Perylene-d12	15.580	264	274353	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1009520	121.923	ng	0.02
7) Phenol-d6	6.516	99	1276406	119.024	ng	0.00
23) Nitrobenzene-d5	7.451	82	879938	93.450	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	394547	142.848	ng	0.01
45) 2-Fluorobiphenyl	9.245	172	1553470	86.947	ng	0.00
79) Terphenyl-d14	13.015	244	1849152	88.082	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	125492	32.507	ng	99
3) Pyridine	3.522	79	330816	34.571	ng	98
4) n-Nitrosodimethylamine	3.481	42	219658	42.725	ng	# 91
6) Aniline	6.545	93	472772	47.303	ng	92
8) 2-Chlorophenol	6.669	128	410734	48.523	ng	99
9) Benzaldehyde	6.434	77	74764	12.393	ng	100
10) Phenol	6.528	94	527398m	47.703	ng	
11) bis(2-Chloroethyl)ether	6.622	93	408546	47.809	ng	99
12) 1,3-Dichlorobenzene	6.828	146	435029	44.771	ng	99
13) 1,4-Dichlorobenzene	6.904	146	437670	45.085	ng	99
14) 1,2-Dichlorobenzene	7.057	146	417872	46.122	ng	99
15) Benzyl Alcohol	7.022	79	391305	49.744	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	710084	48.733	ng	99
17) 2-Methylphenol	7.133	107	347643	48.165	ng	98
18) Hexachloroethane	7.398	117	162590	46.968	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	307367	47.258	ng	99
20) 3+4-Methylphenols	7.286	107	419923	45.485	ng	# 83
22) Acetophenone	7.292	105	565334	44.227	ng	95
24) Nitrobenzene	7.469	77	469489	45.476	ng	99
25) Isophorone	7.704	82	849700	47.544	ng	99
26) 2-Nitrophenol	7.781	139	217132	55.751	ng	99
27) 2,4-Dimethylphenol	7.816	122	344208	53.002	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	497630	45.958	ng	99
29) 2,4-Dichlorophenol	8.022	162	343723	46.467	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	358513	43.801	ng	98
31) Naphthalene	8.186	128	1192622	44.310	ng	100
32) Benzoic acid	7.939	122	263842	46.581	ng	99
33) 4-Chloroaniline	8.233	127	300591	32.752	ng	100
34) Hexachlorobutadiene	8.304	225	232640	45.237	ng	98
35) Caprolactam	8.616	113	107742m	45.808	ng	
36) 4-Chloro-3-methylphenol	8.716	107	396151	48.366	ng	99
37) 2-Methylnaphthalene	8.880	142	755708	45.845	ng	99
38) 1-Methylnaphthalene	8.980	142	708867	43.831	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	363492	45.628	ng	99
41) Hexachlorocyclopentadiene	9.033	237	455655	164.383	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	274874	48.736	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	271693	46.690	ng	98
46) 1,1'-Biphenyl	9.345	154	928665	45.177	ng	99
47) 2-Chloronaphthalene	9.375	162	732952	44.270	ng	99
48) 2-Nitroaniline	9.469	65	280152	55.326	ng	98
49) Acenaphthylene	9.792	152	1164380	48.647	ng	100
50) Dimethylphthalate	9.651	163	897277	48.784	ng	100
51) 2,6-Dinitrotoluene	9.716	165	197741	49.654	ng	99
52) Acenaphthene	9.963	154	835850	53.983	ng	99
53) 3-Nitroaniline	9.880	138	164214	39.986	ng	99
54) 2,4-Dinitrophenol	9.992	184	242202	140.964	ng	# 1
55) Dibenzofuran	10.139	168	1024518	46.117	ng	99
56) 4-Nitrophenol	10.045	139	335799	106.279	ng	93
57) 2,4-Dinitrotoluene	10.122	165	273892	55.927	ng	96
58) Fluorene	10.480	166	798373	47.184	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	230068	50.435	ng	99
60) Diethylphthalate	10.357	149	880306	48.746	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	404336	47.319	ng	98
62) 4-Nitroaniline	10.504	138	212570	54.804	ng	96
63) Azobenzene	10.633	77	911991	47.635	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	159299	70.893	ng	96
66) n-Nitrosodiphenylamine	10.592	169	741018	44.943	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	262959	46.335	ng	98
68) Hexachlorobenzene	11.033	284	285481	44.728	ng	98
69) Atrazine	11.121	200	254138	56.901	ng	98
70) Pentachlorophenol	11.227	266	357120	92.191	ng	99
71) Phenanthrene	11.451	178	1186870	45.611	ng	100
72) Anthracene	11.504	178	1209649	47.645	ng	100
73) Carbazole	11.657	167	1084663	45.937	ng	99
74) Di-n-butylphthalate	11.986	149	1347316	49.389	ng	100
75) Fluoranthene	12.639	202	1279951	48.657	ng	99
77) Benzidine	12.763	184	387457	68.881	ng	99
78) Pyrene	12.868	202	1303458	43.530	ng	100
80) Butylbenzylphthalate	13.492	149	537469	59.870	ng	100
81) Benzo(a)anthracene	14.068	228	1068499	47.982	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	278367	42.873	ng	99
83) Chrysene	14.104	228	984160	48.201	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	701582	69.657	ng	100
85) Di-n-octyl phthalate	14.680	149	1105441	60.342	ng	99
87) Indeno(1,2,3-cd)pyrene	17.109	276	828153	46.921	ng	98
88) Benzo(b)fluoranthene	15.139	252	810103	48.473	ng	99
89) Benzo(k)fluoranthene	15.168	252	790884	54.873	ng	100
90) Benzo(a)pyrene	15.515	252	716832	52.128	ng	99
91) Dibenzo(a,h)anthracene	17.127	278	677815	46.035	ng	99
92) Benzo(g,h,i)perylene	17.574	276	624704	42.476	ng	99

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

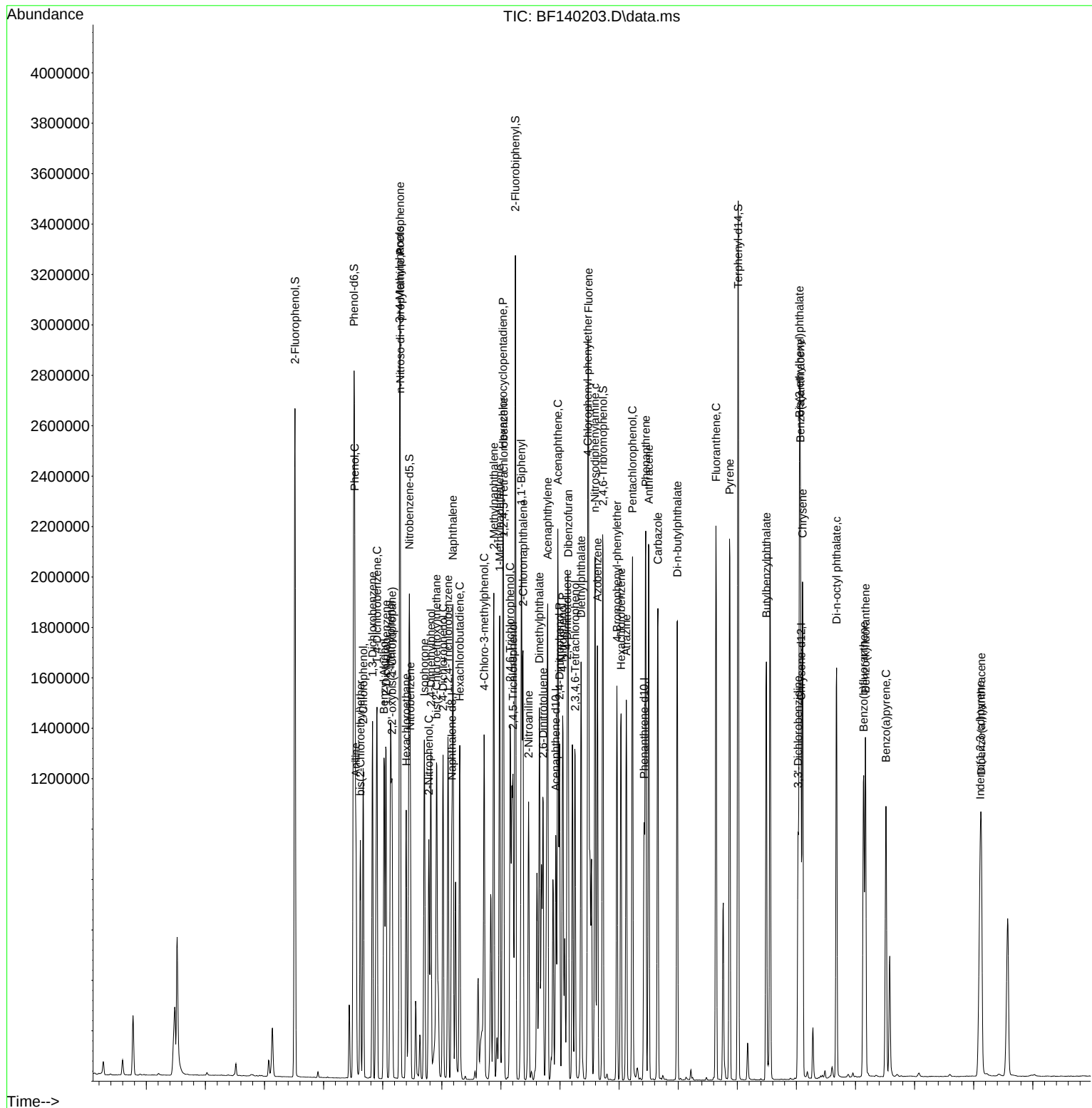
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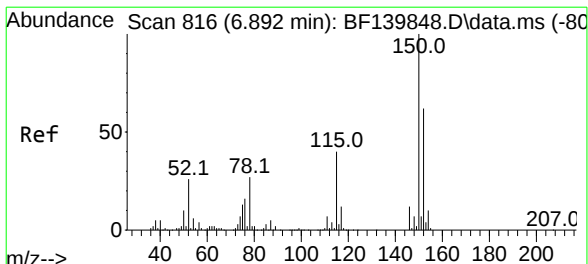
Instrument :
 BNA_F
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 PB164531BS

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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140203.D
 Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

ClientSampleId :

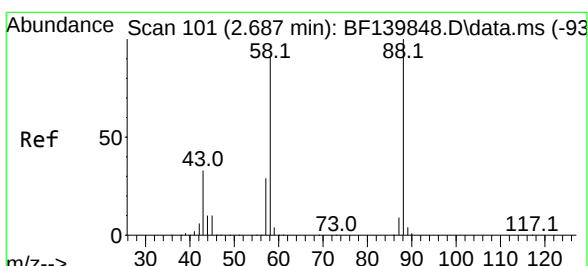
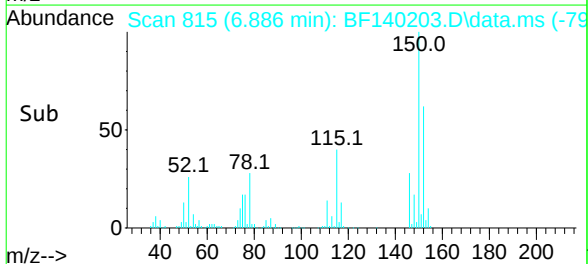
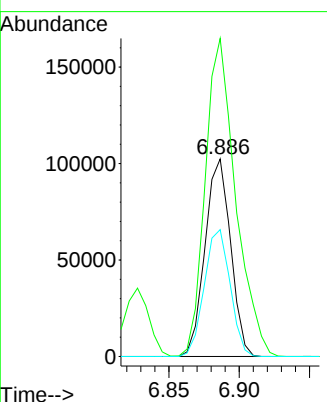
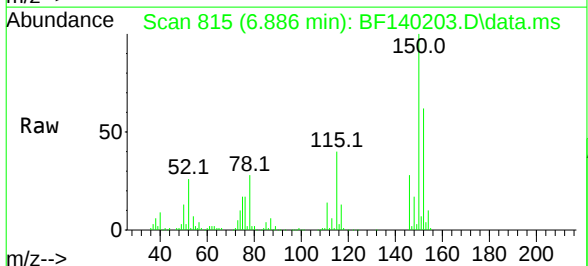
PB164531BS

Tgt Ion:152 Resp: 129622

Ion	Ratio	Lower	Upper
152	100		
150	161.0	130.2	195.2
115	64.2	51.4	77.2

Manual Integrations
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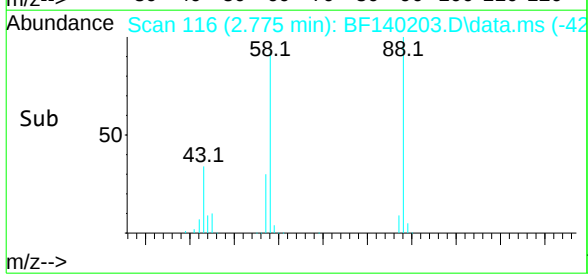
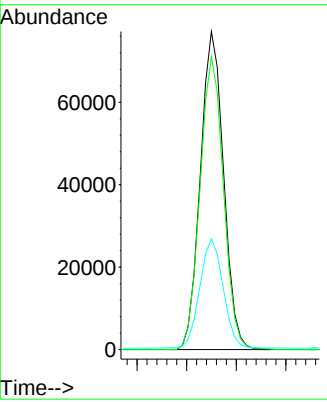
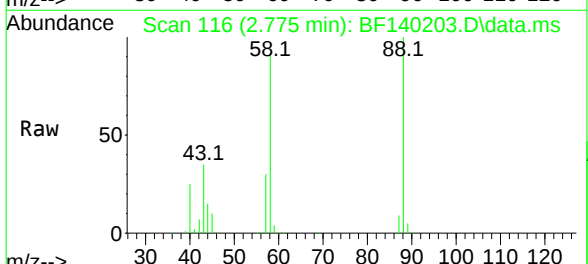
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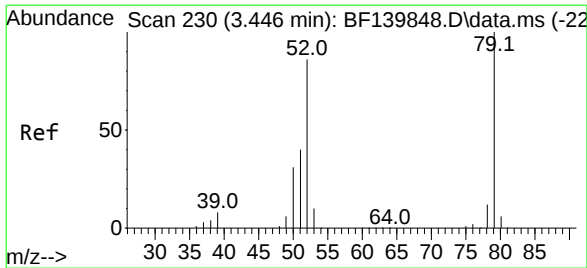


#2
 1,4-Dioxane
 Concen: 32.507 ng
 RT: 2.775 min Scan# 116
 Delta R.T. 0.088 min
 Lab File: BF140203.D
 Acq: 01 Nov 2024 10:41

Tgt Ion: 88 Resp: 125492

Ion	Ratio	Lower	Upper
88	100		
58	92.7	73.3	109.9
43	34.8	27.1	40.7





#3

Pyridine

Concen: 34.571 ng

RT: 3.522 min Scan# 24

Delta R.T. 0.076 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion: 79 Resp: 330816

Ion Ratio Lower Upper

79 100

52 86.6 68.5 102.7

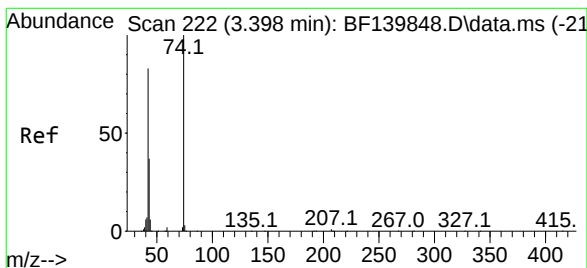
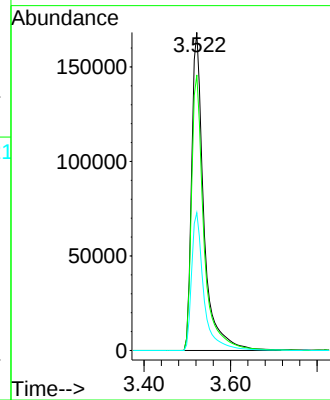
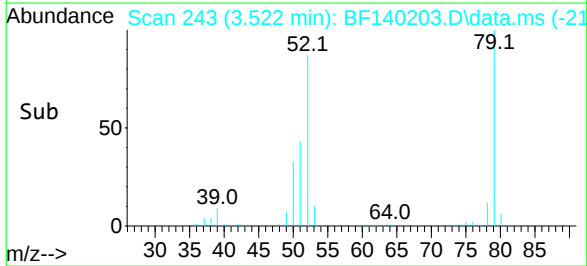
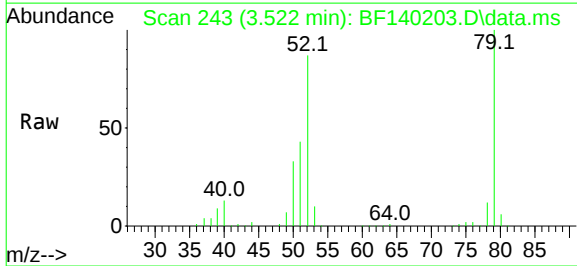
51 43.3 32.3 48.5

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#4

n-Nitrosodimethylamine

Concen: 42.725 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.082 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

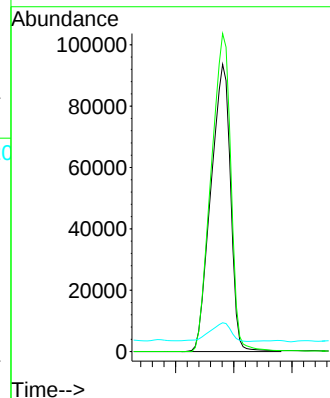
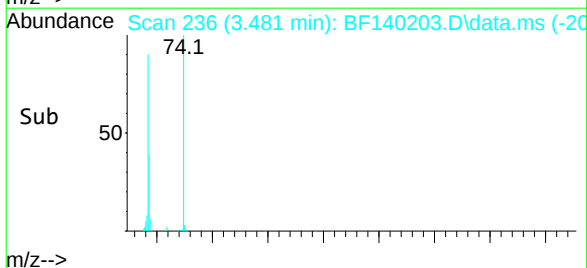
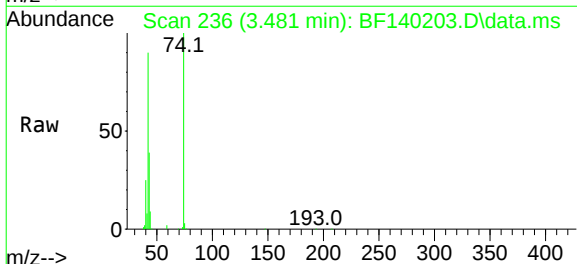
Tgt Ion: 42 Resp: 219658

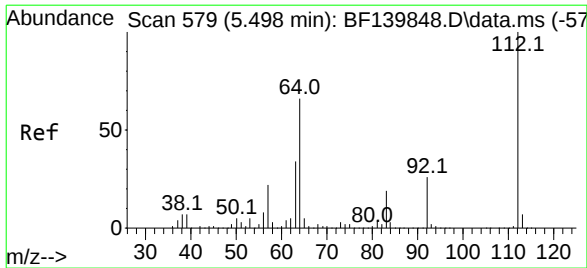
Ion Ratio Lower Upper

42 100

74 110.7 96.2 144.4

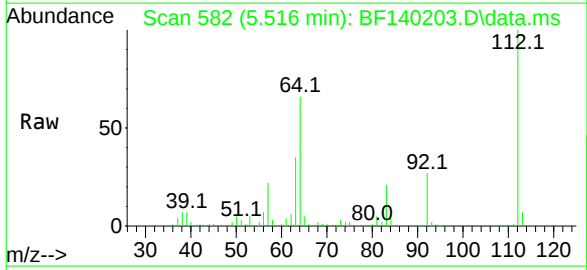
44 10.0 6.2 9.2#





#5
2-Fluorophenol
Concen: 121.923 ng
RT: 5.516 min Scan# 58
Delta R.T. 0.018 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

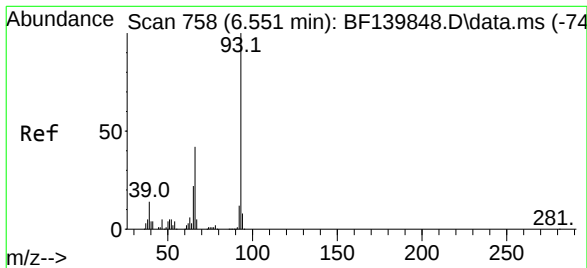
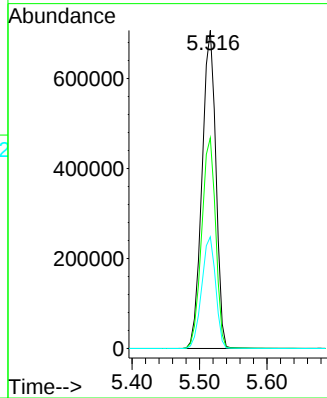
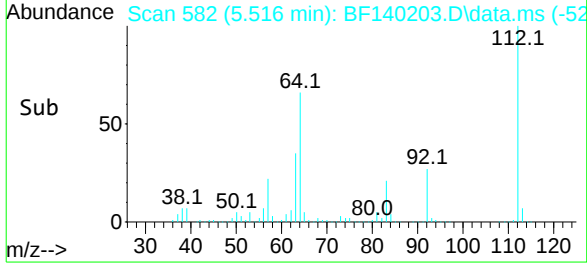
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 1009520
Ion Ratio Lower Upper
112 100
64 66.2 53.0 79.6
63 35.1 27.0 40.4

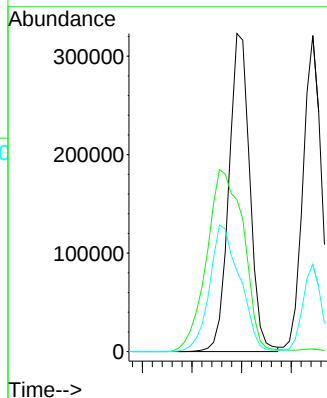
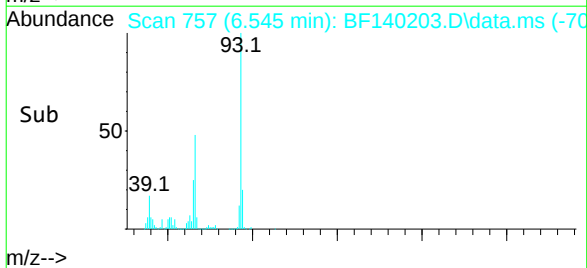
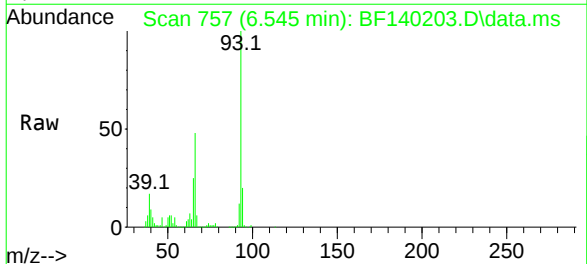
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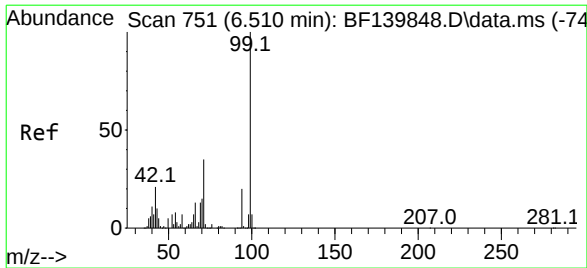
Reviewed By :Yogesh Patel 11/04/2024
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#6
Aniline
Concen: 47.303 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

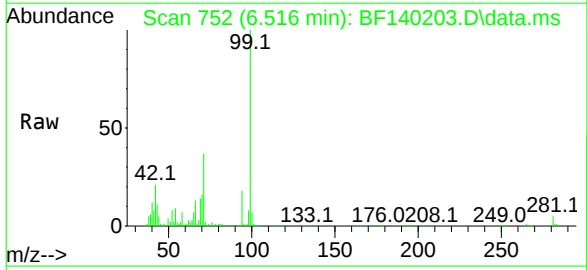
Tgt Ion: 93 Resp: 472772
Ion Ratio Lower Upper
93 100
66 47.8 34.0 51.0
65 25.4 17.4 26.0





#7
Phenol-d6
Concen: 119.024 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

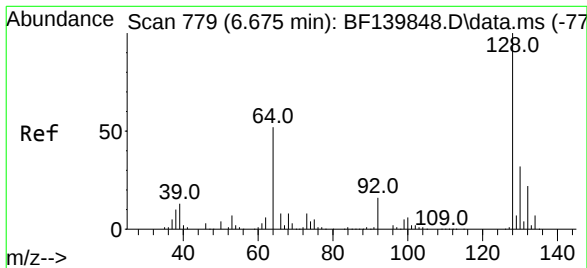
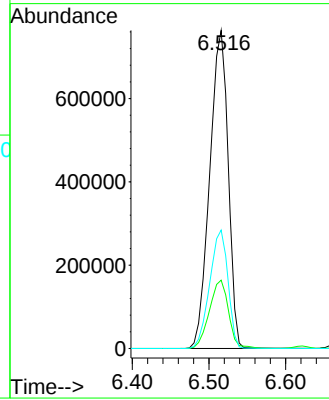
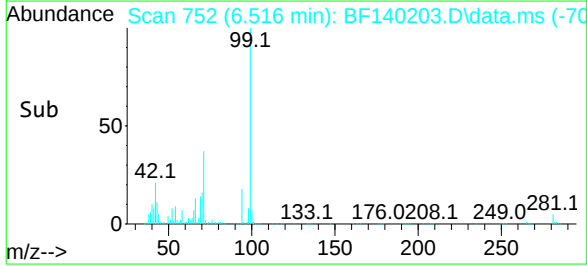
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Tgt Ion: 99 Resp: 1276406
Ion Ratio Lower Upper
99 100
42 21.5 16.7 25.1
71 37.2 27.7 41.5

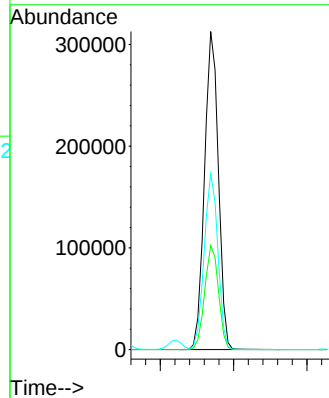
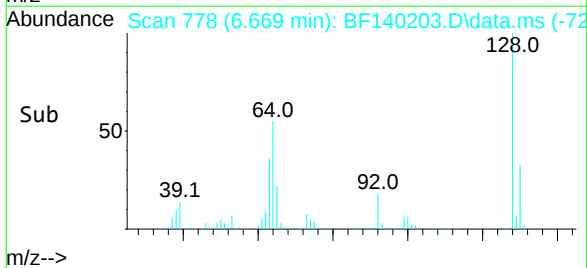
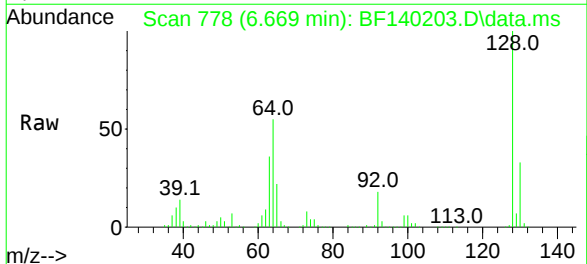
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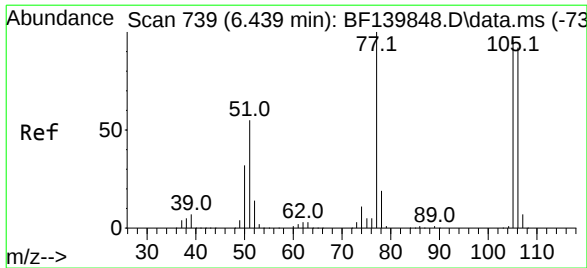
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#8
2-Chlorophenol
Concen: 48.523 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Tgt Ion:128 Resp: 410734
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 55.3 34.6 74.6





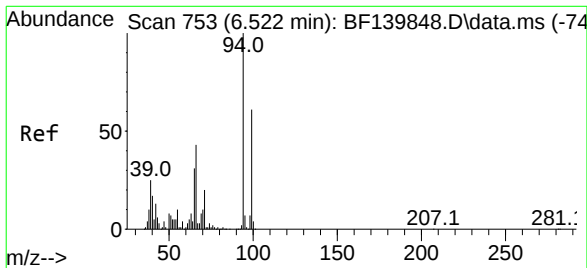
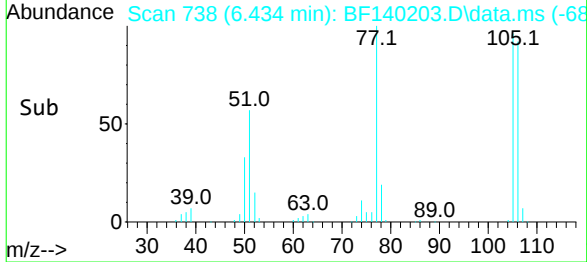
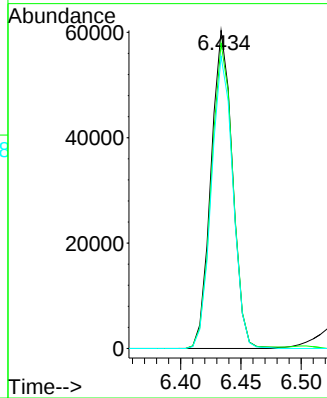
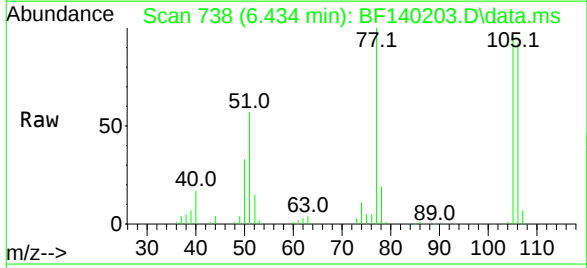
#9
Benzaldehyde
Concen: 12.393 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.005 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 74764
Ion Ratio Lower Upper
77 100
105 96.0 75.5 115.5
106 91.9 71.7 111.7

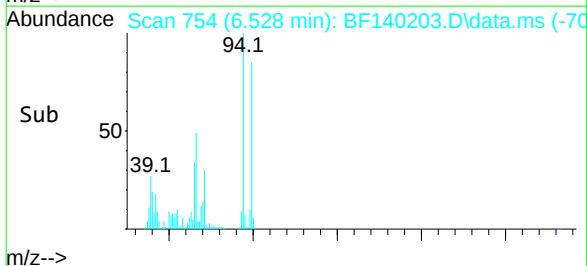
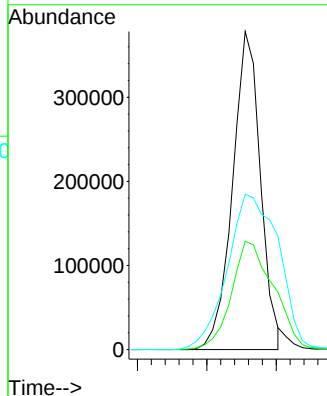
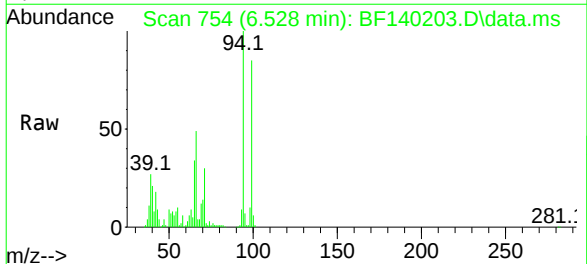
Manual Integrations
APPROVED

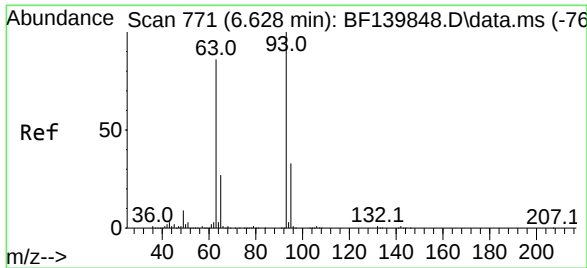
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 47.703 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

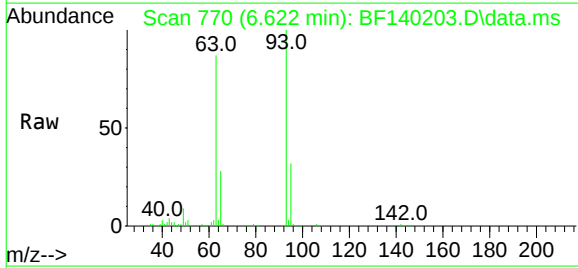
Tgt Ion: 94 Resp: 527398
Ion Ratio Lower Upper
94 100
65 34.0 11.1 51.1
66 48.9 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 47.809 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

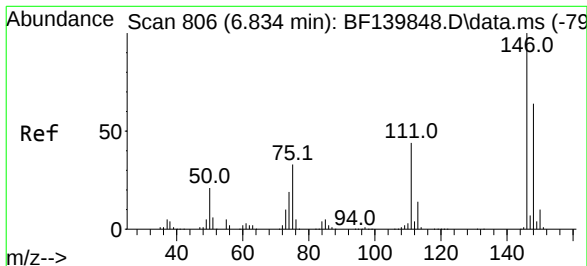
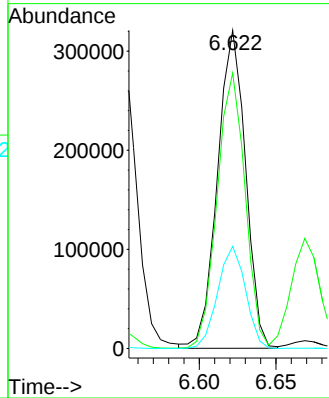
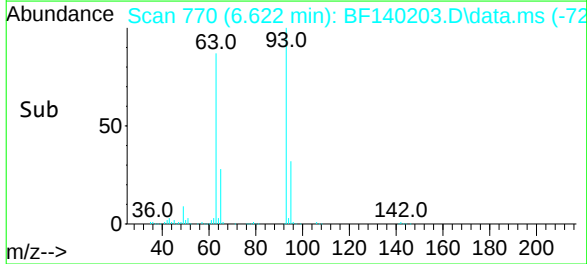
Instrument :
BNA_F
ClientSampleId :
PB164531BS



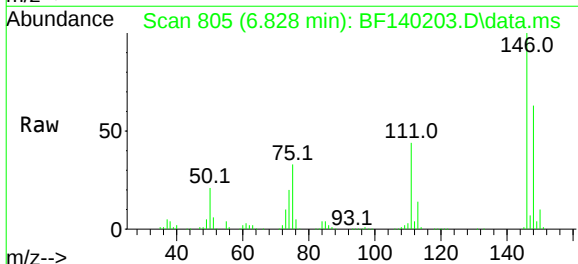
Tgt Ion: 93 Resp: 408546
Ion Ratio Lower Upper
93 100
63 86.6 65.0 105.0
95 32.1 12.4 52.4

Manual Integrations
APPROVED

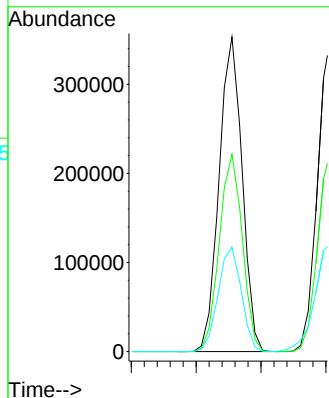
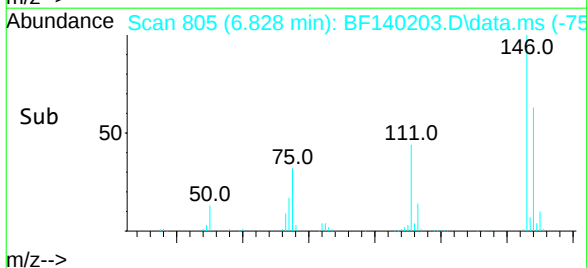
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

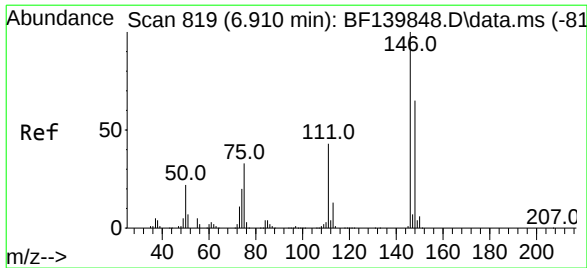


#12
1,3-Dichlorobenzene
Concen: 44.771 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



Tgt Ion:146 Resp: 435029
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.4
75 33.1 26.4 39.6





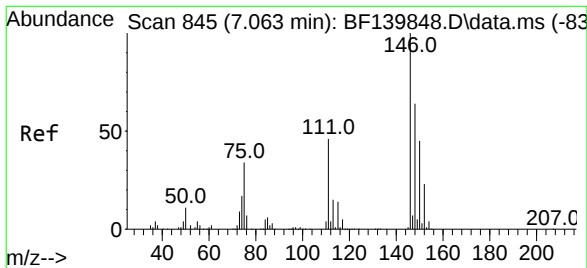
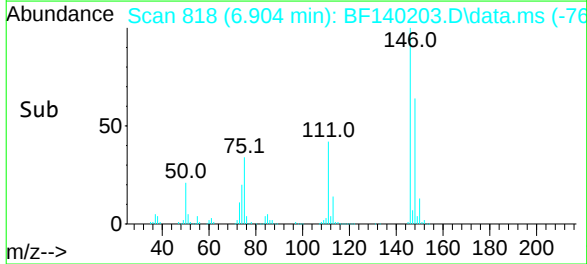
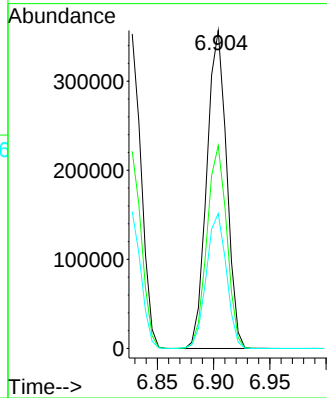
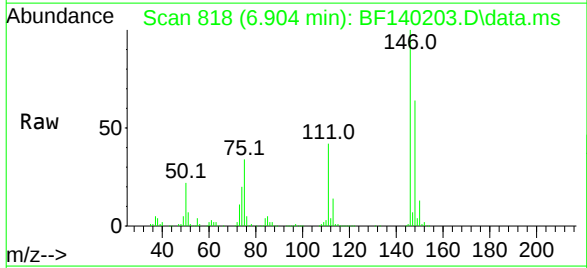
#13
1,4-Dichlorobenzene
Concen: 45.085 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Instrument :
BNA_F
ClientSampleId :
PB164531BS

Tgt Ion:146 Resp: 437670
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
111 42.4 34.6 51.8

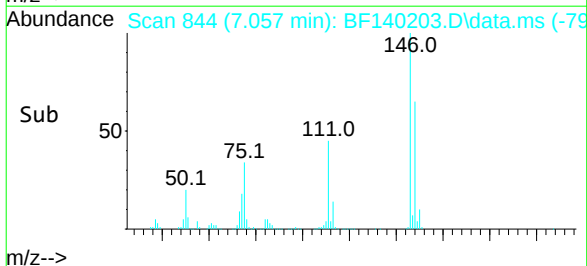
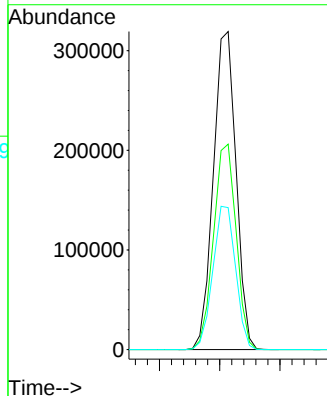
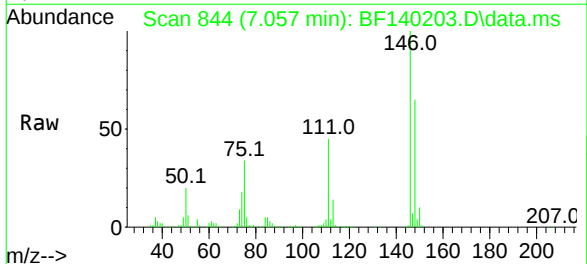
Manual Integrations
APPROVED

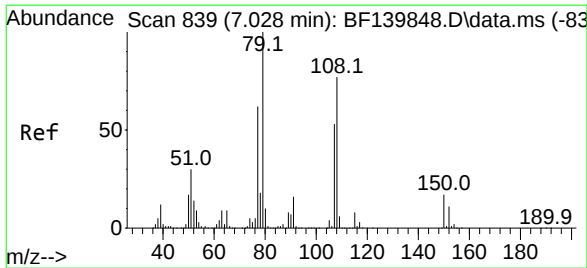
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 46.122 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Tgt Ion:146 Resp: 417872
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
111 44.6 36.7 55.1





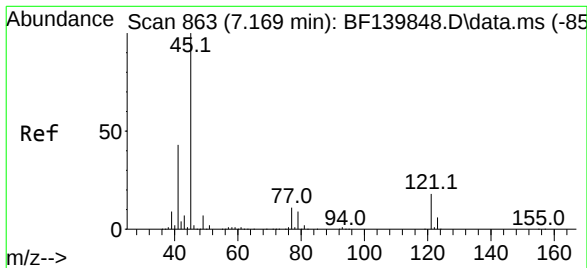
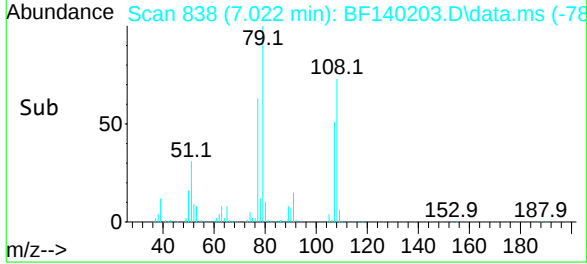
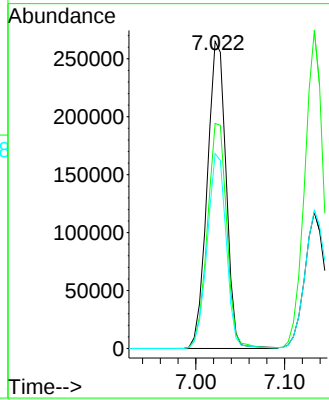
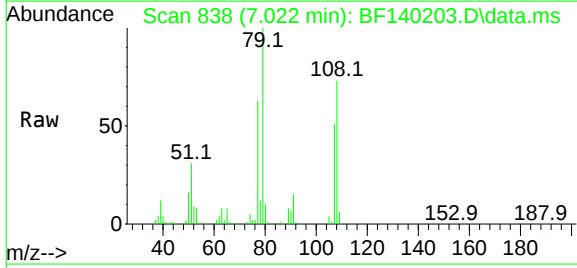
#15
Benzyl Alcohol
Concen: 49.744 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Instrument :
BNA_F
ClientSampleId :
PB164531BS

Tgt Ion: 79 Resp: 391305
Ion Ratio Lower Upper
79 100
108 73.3 61.4 92.0
77 63.5 49.9 74.9

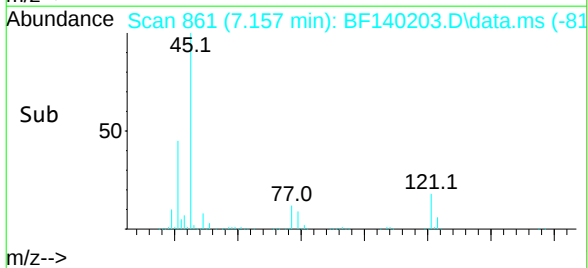
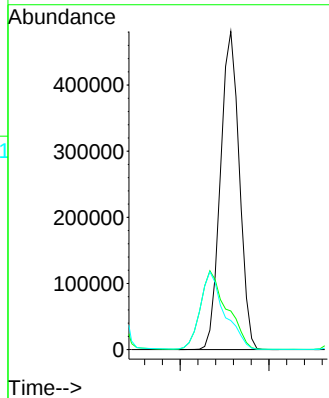
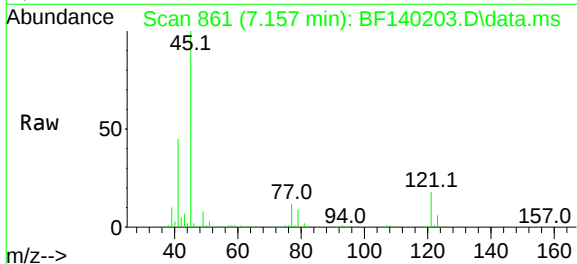
Manual Integrations
APPROVED

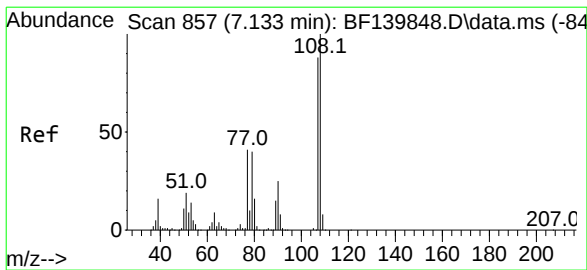
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.733 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

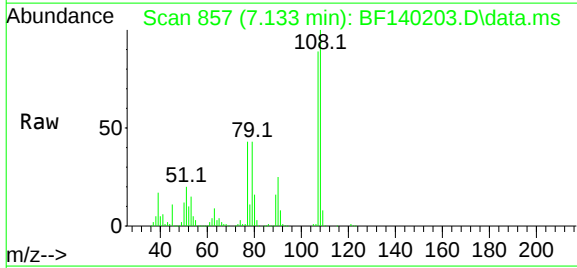
Tgt Ion: 45 Resp: 710084
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.5
79 9.1 0.0 29.1





#17
2-Methylphenol
Concen: 48.165 ng
RT: 7.133 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

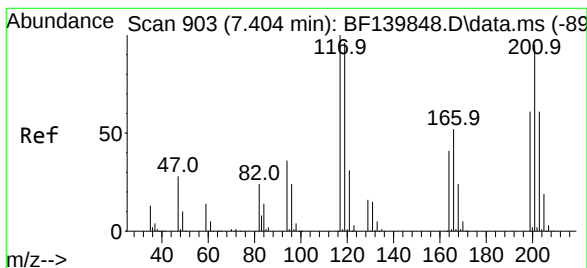
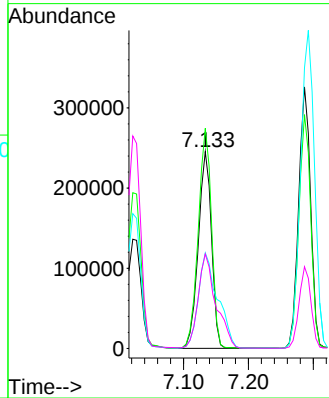
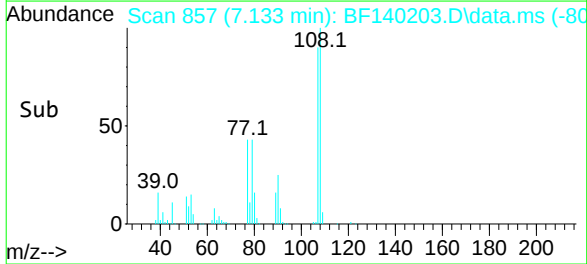
Instrument :
BNA_F
ClientSampleId :
PB164531BS



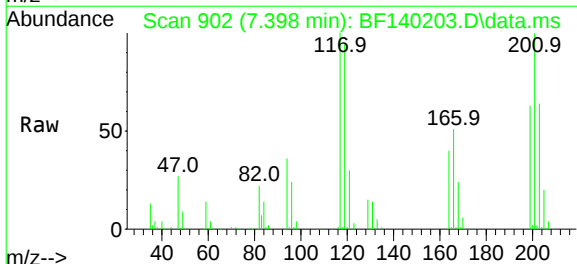
Tgt Ion:107 Resp: 347643
Ion Ratio Lower Upper
107 100
108 111.8 91.3 136.9
77 48.6 37.1 55.7
79 48.0 37.0 55.6

Manual Integrations
APPROVED

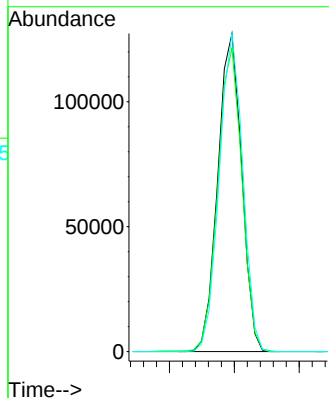
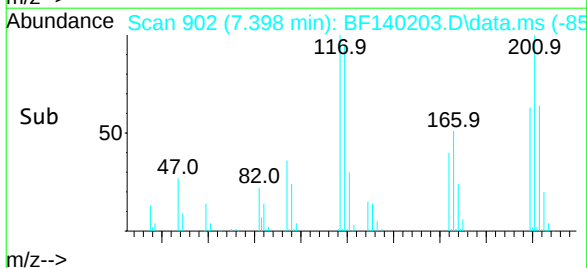
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

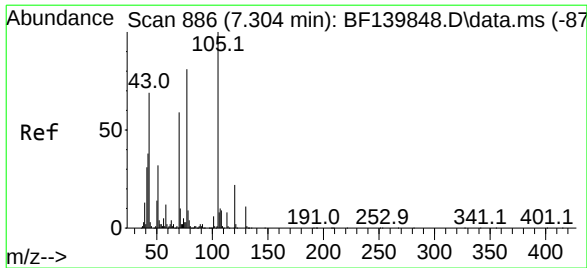


#18
Hexachloroethane
Concen: 46.968 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



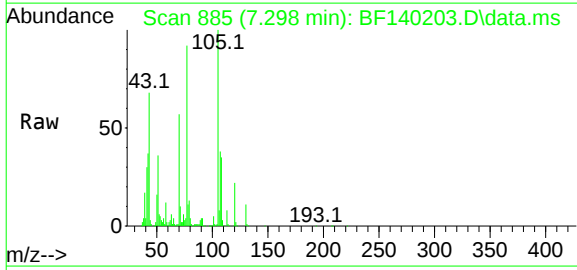
Tgt Ion:117 Resp: 162590
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.4
201 99.9 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 47.258 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

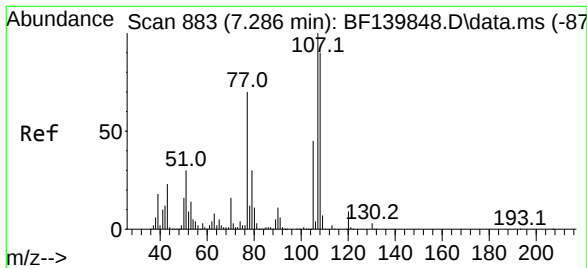
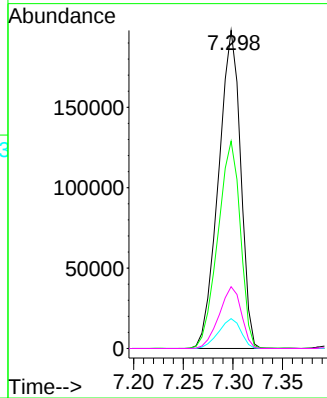
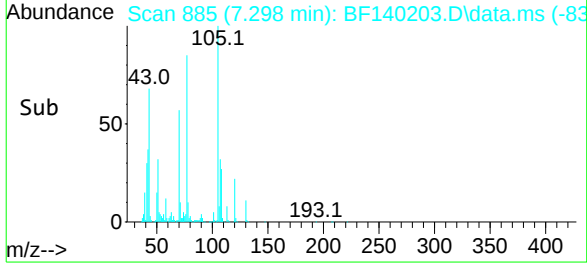
Instrument :
BNA_F
ClientSampleId :
PB164531BS



Tgt Ion:	70	Resp:	307367
Ion	Ratio	Lower	Upper
70	100		
42	65.2	51.5	77.3
101	9.4	7.5	11.3
130	19.4	15.5	23.3

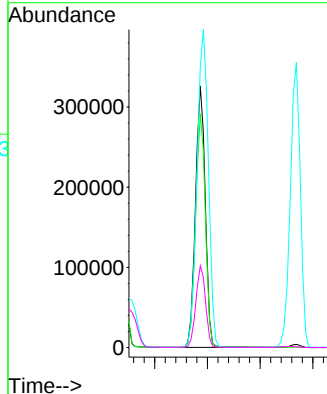
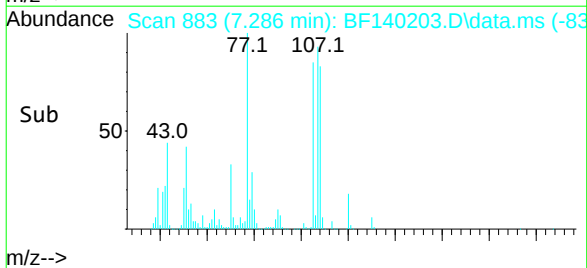
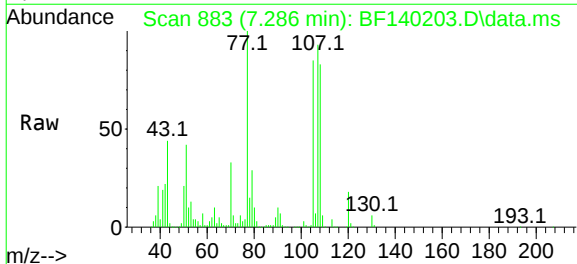
Manual Integrations
APPROVED

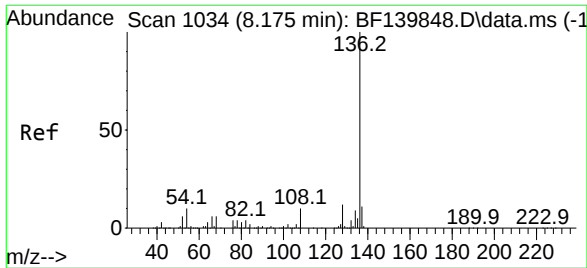
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#20
3+4-Methylphenols
Concen: 45.485 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Tgt Ion:	107	Resp:	419923
Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.8	109.8
77	107.3	50.5	90.5#
79	31.2	10.2	50.2





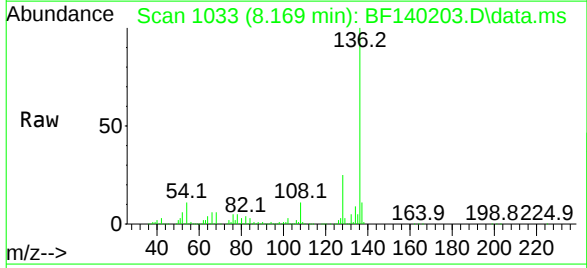
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164531BS



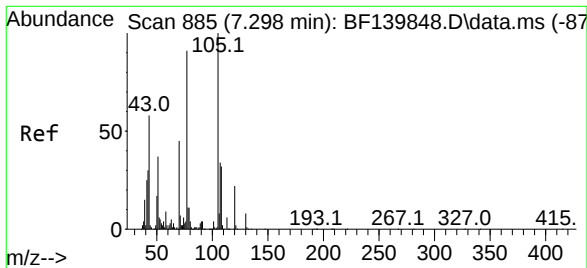
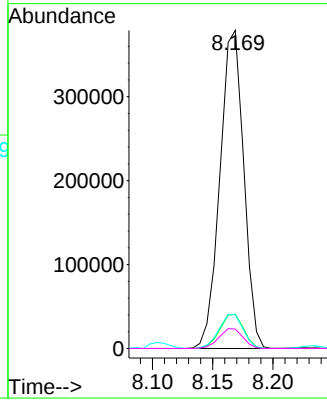
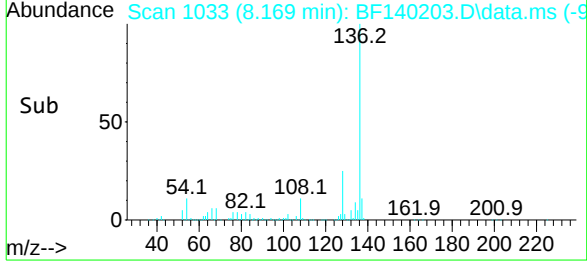
Tgt Ion:136 Resp: 521877
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.6 8.4 12.6
68 6.1 5.1 7.7

Manual Integrations

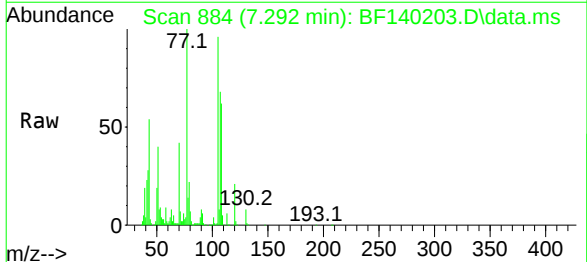
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

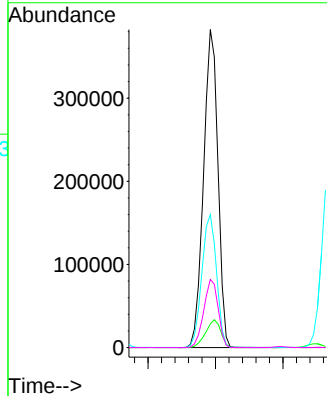
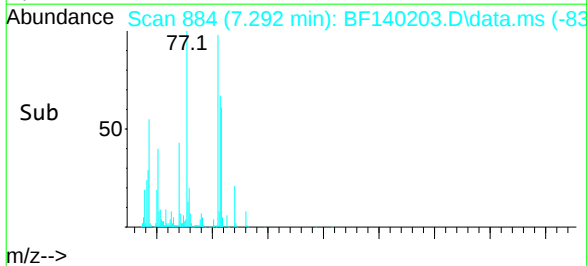
Supervised By :mohammad ahmed 11/04/2024

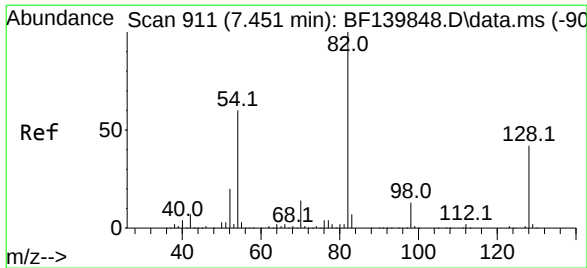


#22
Acetophenone
Concen: 44.227 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



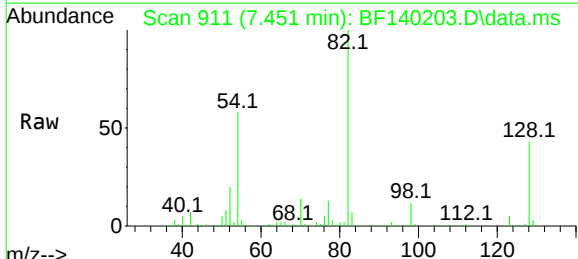
Tgt Ion:105 Resp: 565334
Ion Ratio Lower Upper
105 100
71 7.4 5.9 8.9
51 41.8 29.4 44.2
120 21.4 17.5 26.3





#23
Nitrobenzene-d5
Concen: 93.450 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

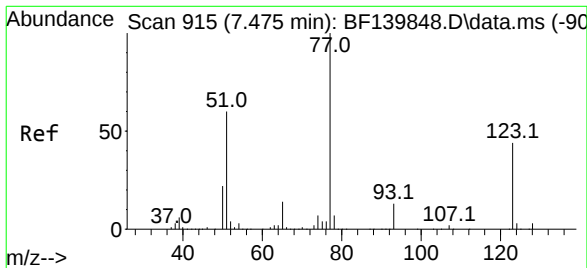
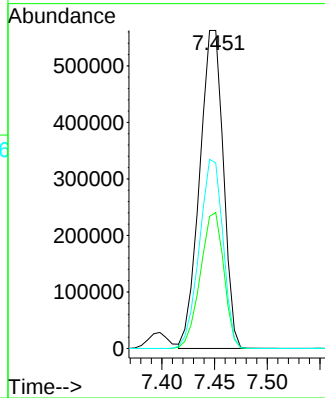
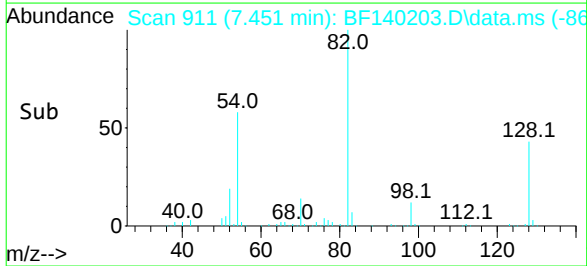
Instrument :
BNA_F
ClientSampleId :
PB164531BS



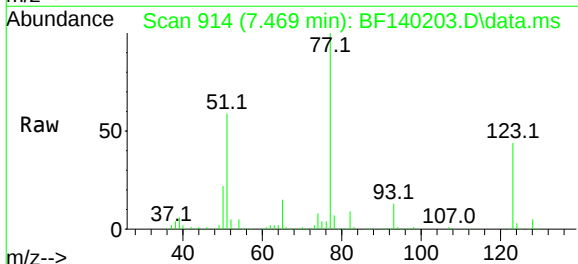
Tgt Ion: 82 Resp: 879938
Ion Ratio Lower Upper
82 100
128 42.7 33.4 50.0
54 58.3 47.8 71.8

Manual Integrations
APPROVED

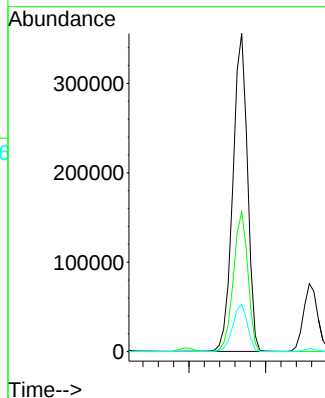
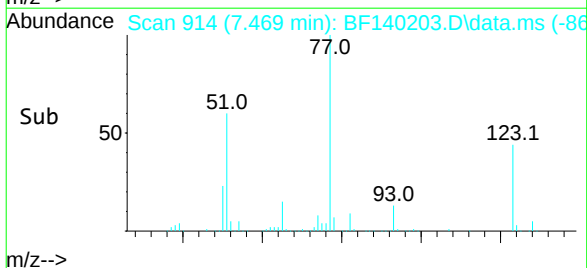
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

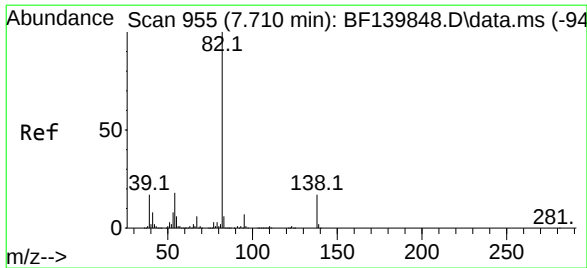


#24
Nitrobenzene
Concen: 45.476 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



Tgt Ion: 77 Resp: 469489
Ion Ratio Lower Upper
77 100
123 43.9 35.7 53.5
65 14.9 11.5 17.3





#25

Isophorone

Concen: 47.544 ng

RT: 7.704 min Scan# 95

Delta R.T. -0.006 min

Lab File: BF140203.D

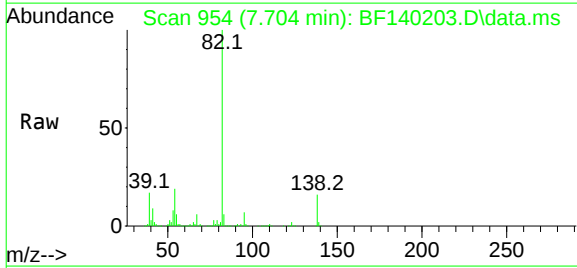
Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion: 82 Resp: 849700

Ion Ratio Lower Upper

82 100

95 7.2 5.5 8.3

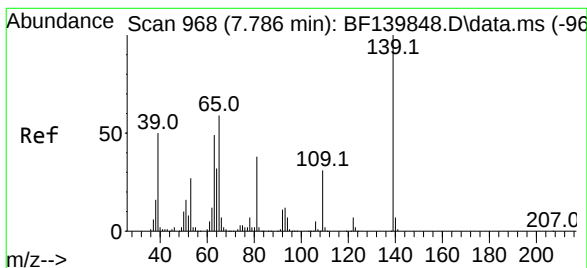
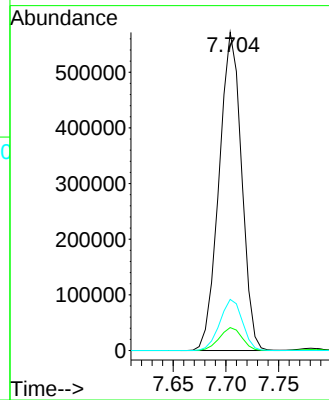
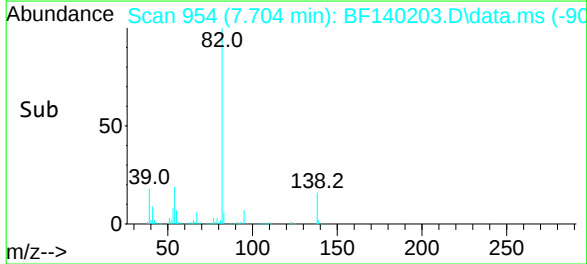
138 16.1 13.2 19.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#26

2-Nitrophenol

Concen: 55.751 ng

RT: 7.781 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

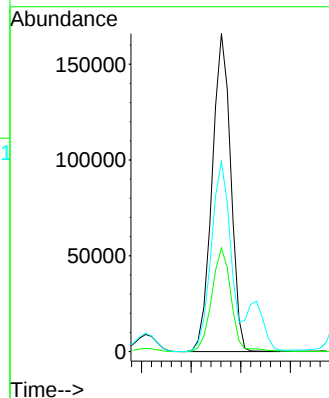
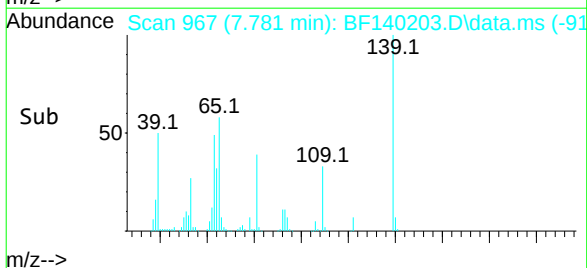
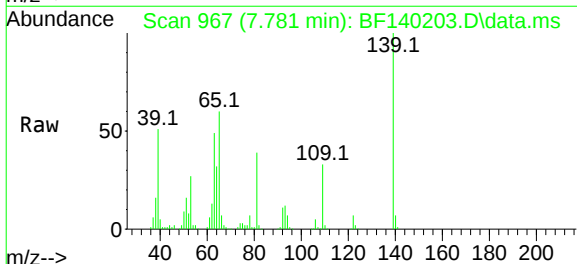
Tgt Ion:139 Resp: 217132

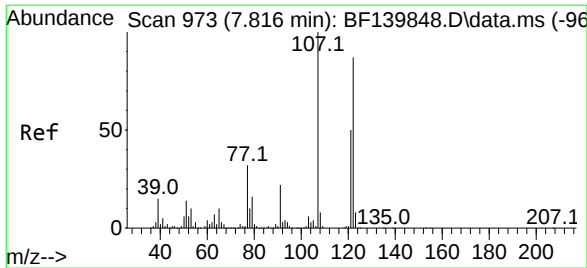
Ion Ratio Lower Upper

139 100

109 32.6 25.1 37.7

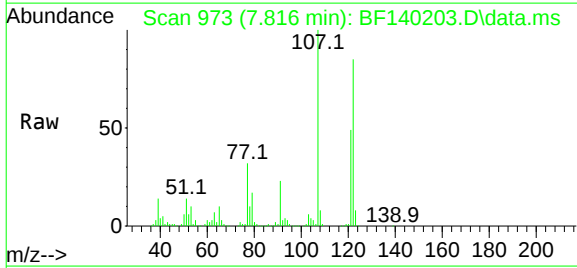
65 59.7 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 53.002 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

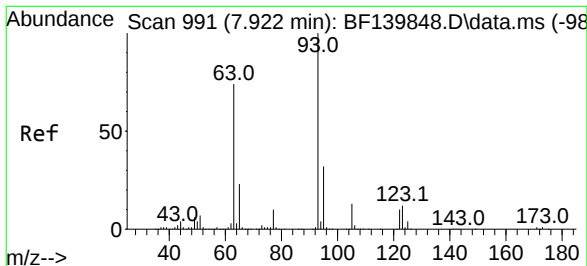
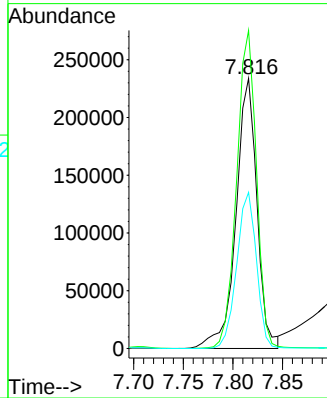
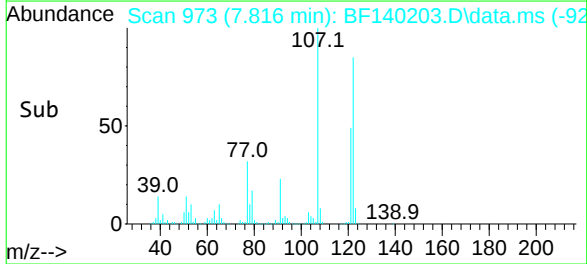
Instrument :
BNA_F
ClientSampleId :
PB164531BS



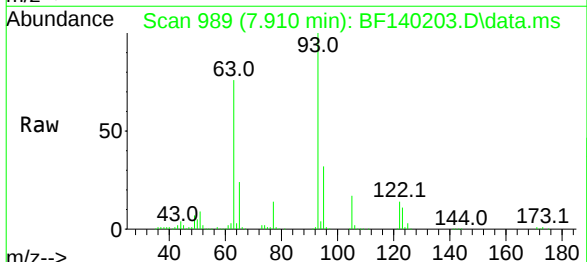
Tgt Ion:122 Resp: 344208
Ion Ratio Lower Upper
122 100
107 117.8 91.9 137.9
121 57.8 46.2 69.4

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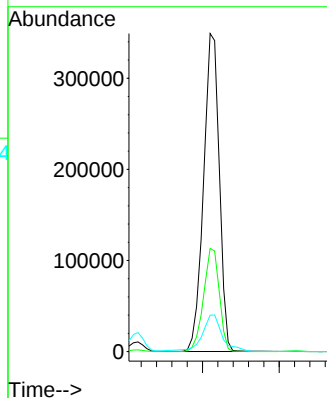
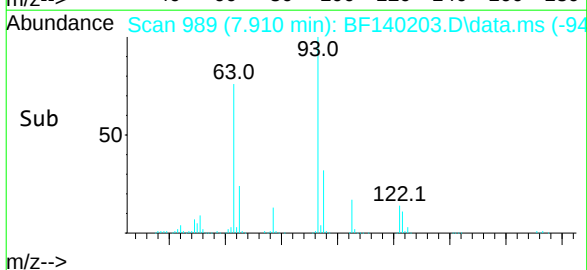
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

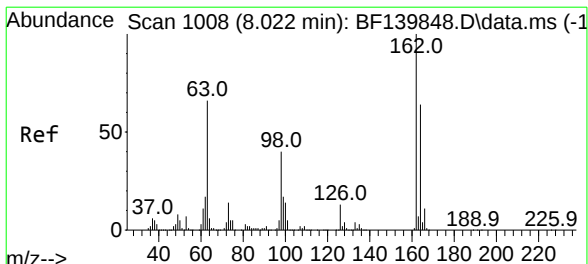


#28
bis(2-Chloroethoxy)methane
Concen: 45.958 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



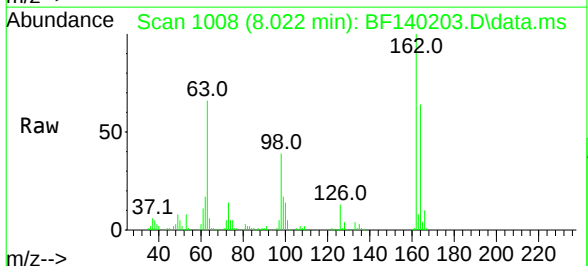
Tgt Ion: 93 Resp: 497630
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 11.4 9.8 14.8





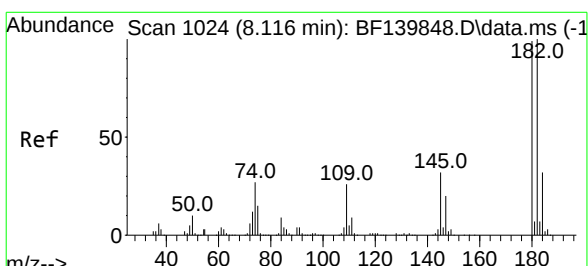
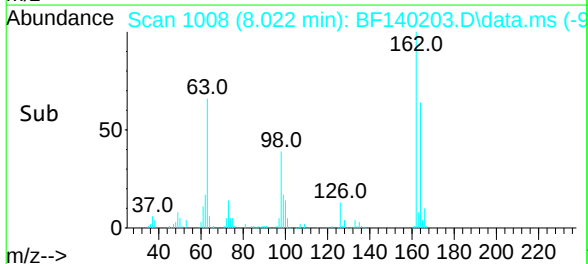
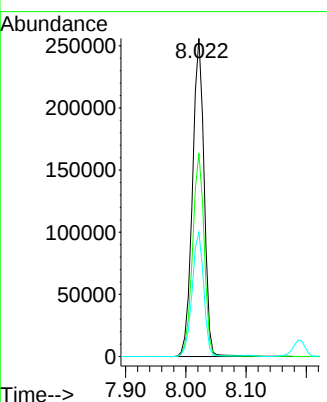
#29
 2,4-Dichlorophenol
 Concen: 46.467 ng
 RT: 8.022 min Scan# 1008
 Delta R.T. -0.000 min
 Lab File: BF140203.D
 Acq: 01 Nov 2024 10:41

Instrument : BNA_F
 ClientSampleId : PB164531BS



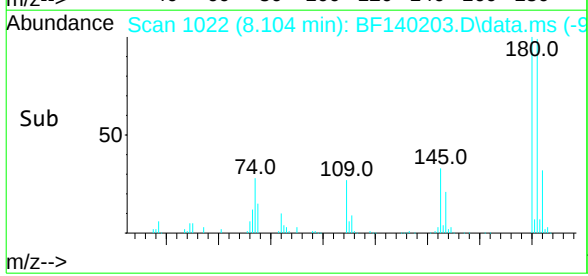
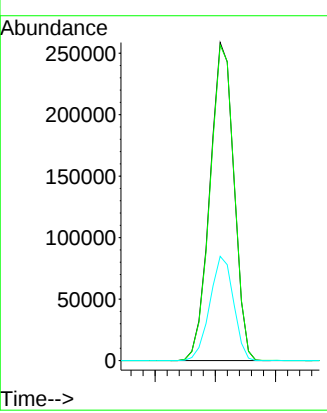
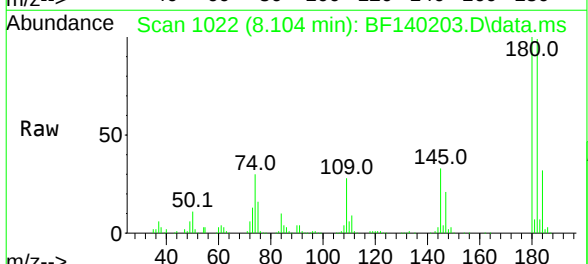
Tgt Ion:	162	Resp:	343723
Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.9	83.9
98	39.1	19.9	59.9

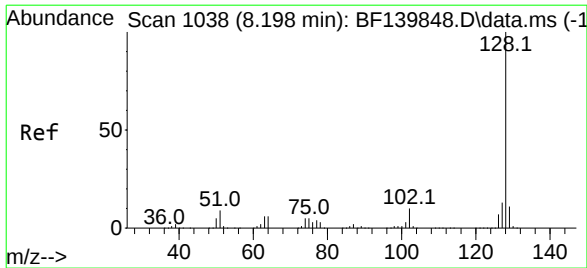
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#30
 1,2,4-Trichlorobenzene
 Concen: 43.801 ng
 RT: 8.104 min Scan# 1022
 Delta R.T. -0.012 min
 Lab File: BF140203.D
 Acq: 01 Nov 2024 10:41

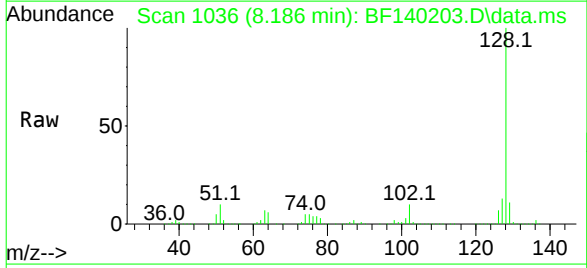
Tgt Ion:	180	Resp:	358513
Ion	Ratio	Lower	Upper
180	100		
182	99.2	80.5	120.7
145	32.8	25.4	38.0





#31
Naphthalene
Concen: 44.310 ng
RT: 8.186 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

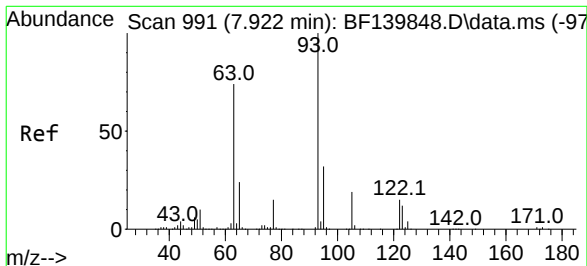
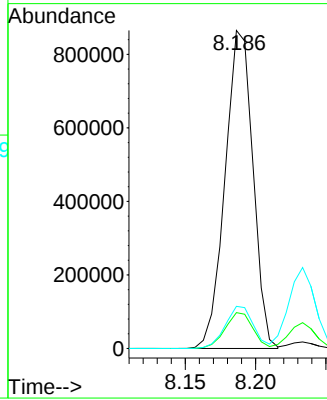
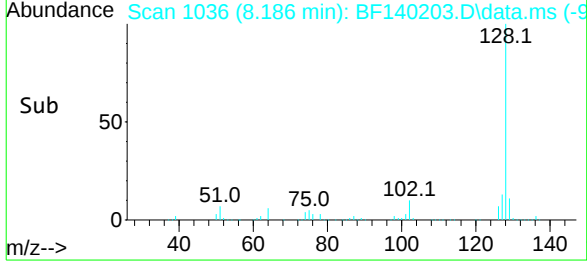
Instrument :
BNA_F
ClientSampleId :
PB164531BS



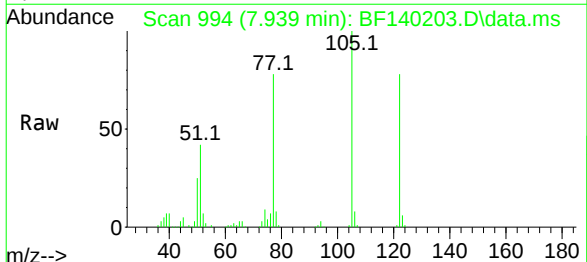
Tgt Ion:128 Resp: 1192622
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 16.0

Manual Integrations
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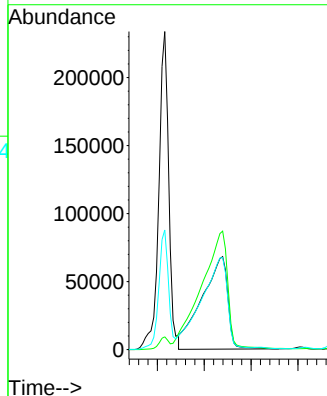
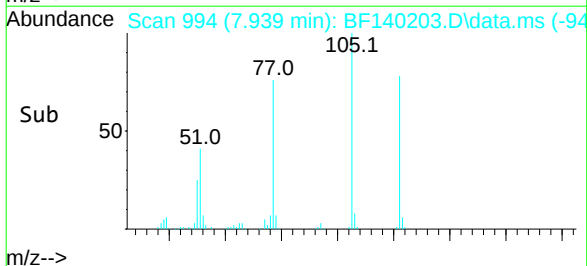
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

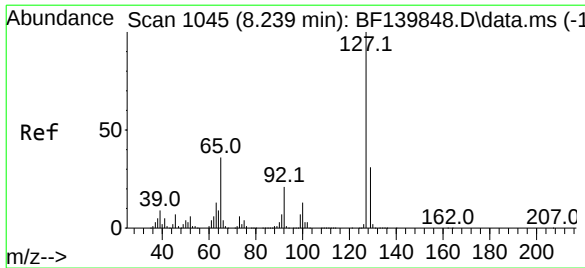


#32
Benzoic acid
Concen: 46.581 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



Tgt Ion:122 Resp: 263842
Ion Ratio Lower Upper
122 100
105 127.4 107.6 147.6
77 98.9 80.2 120.2





#33
4-Chloroaniline
Concen: 32.752 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

ClientSampleId :

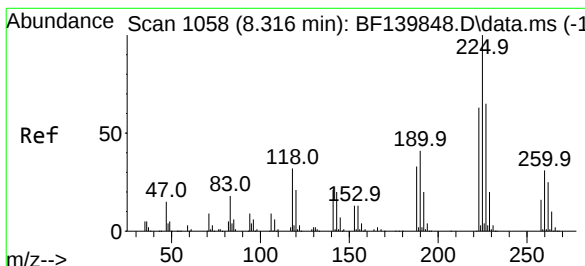
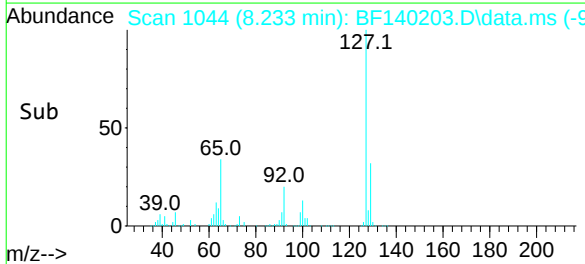
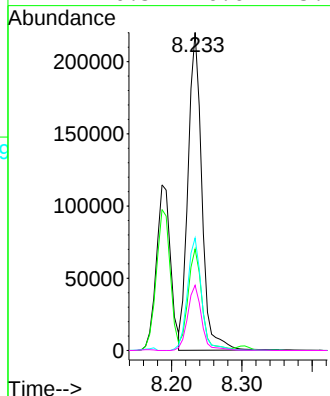
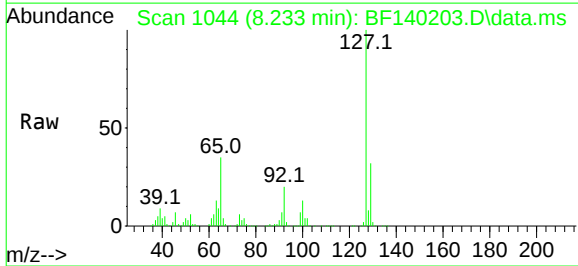
PB164531BS

Tgt Ion:127 Resp: 300591
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 35.4 28.4 42.6
92 20.5 16.6 25.0

Manual Integrations

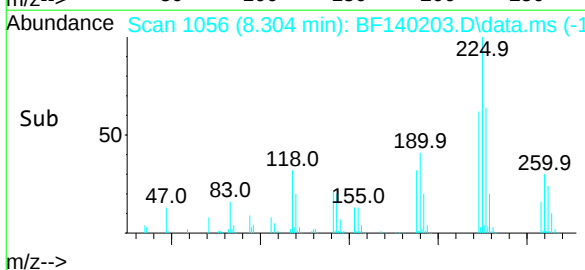
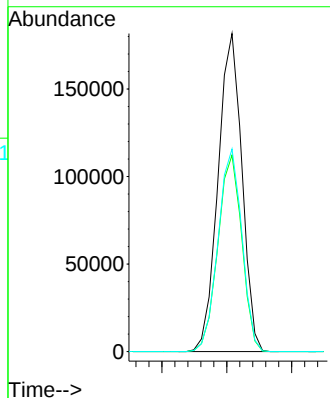
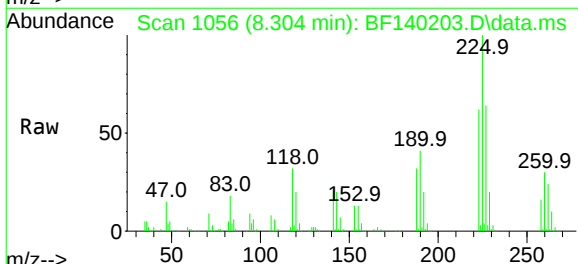
APPROVED

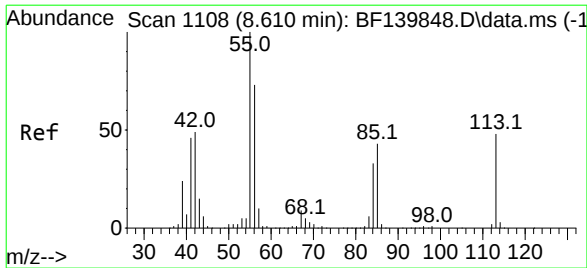
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 45.237 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.012 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Tgt Ion:225 Resp: 232640
Ion Ratio Lower Upper
225 100
223 61.8 50.6 76.0
227 63.7 51.8 77.8





#35

Caprolactam

Concen: 45.808 ng m

RT: 8.616 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion:113 Resp: 107742

Ion Ratio Lower Upper

113 100

55 209.7 189.2 229.2

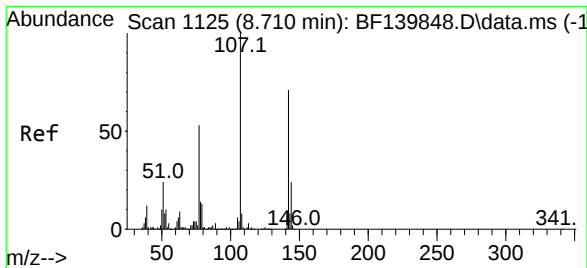
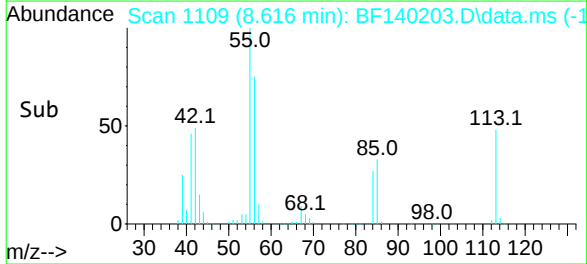
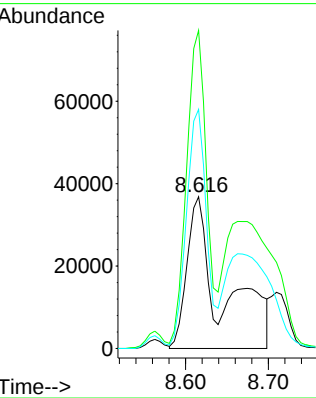
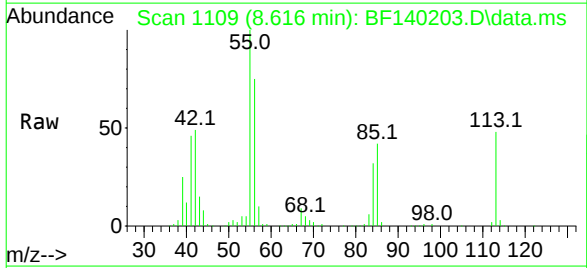
56 157.6 132.5 172.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#36

4-Chloro-3-methylphenol

Concen: 48.366 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

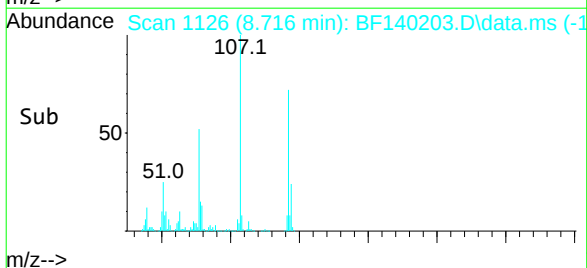
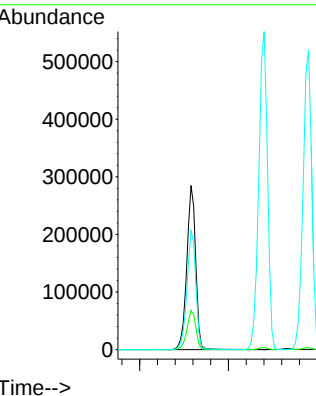
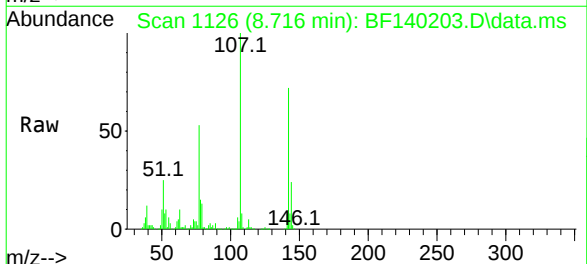
Tgt Ion:107 Resp: 396151

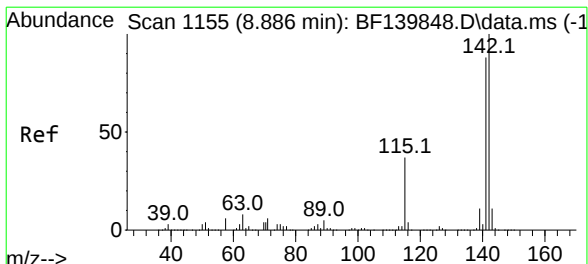
Ion Ratio Lower Upper

107 100

144 23.8 19.1 28.7

142 72.4 57.2 85.8





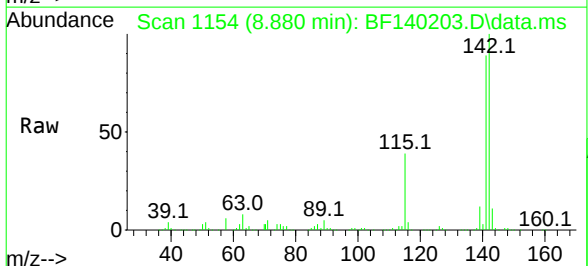
#37
 2-Methylnaphthalene
 Concen: 45.845 ng
 RT: 8.880 min Scan# 1155
 Delta R.T. -0.006 min
 Lab File: BF140203.D
 Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

ClientSampleId :

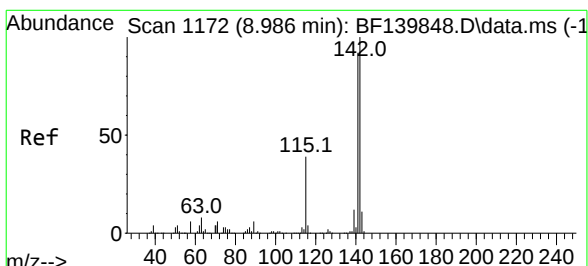
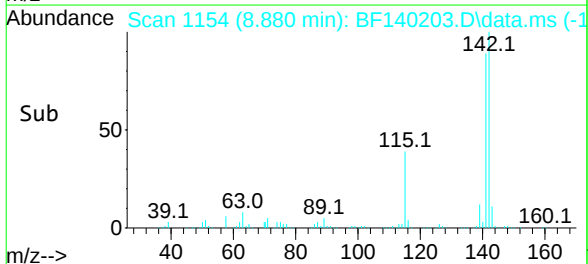
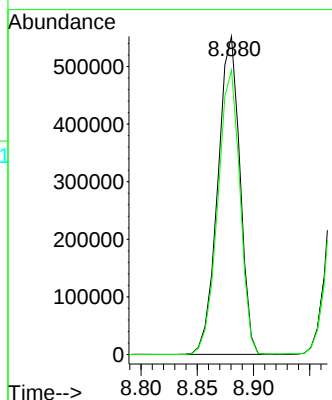
PB164531BS



Tgt Ion:142 Resp: 755708
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.8 106.2

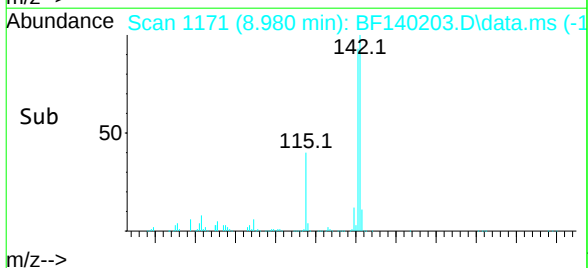
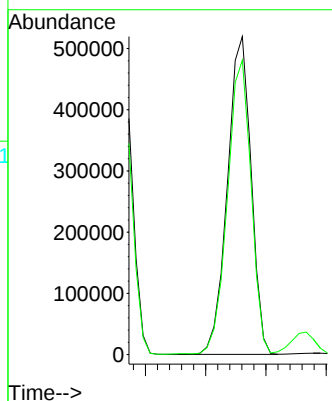
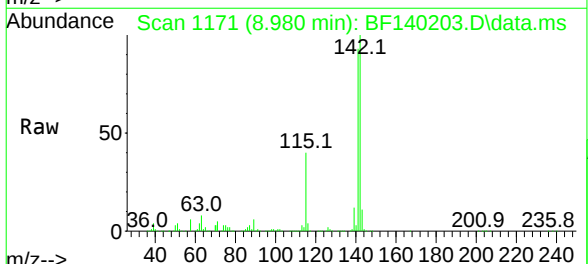
Manual Integrations
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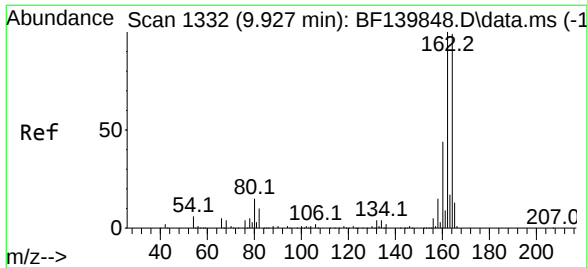
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#38
 1-Methylnaphthalene
 Concen: 43.831 ng
 RT: 8.980 min Scan# 1171
 Delta R.T. -0.006 min
 Lab File: BF140203.D
 Acq: 01 Nov 2024 10:41

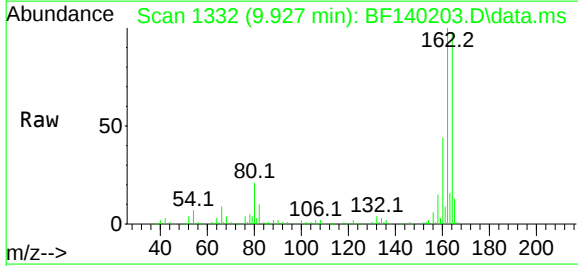
Tgt Ion:142 Resp: 708867
 Ion Ratio Lower Upper
 142 100
 141 92.6 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

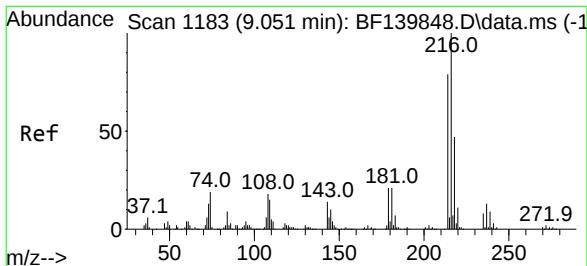
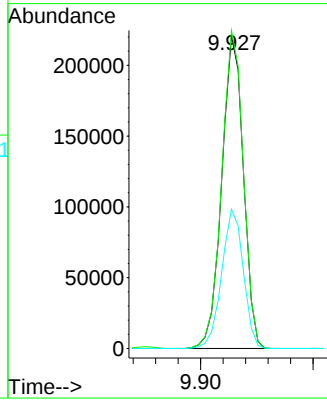
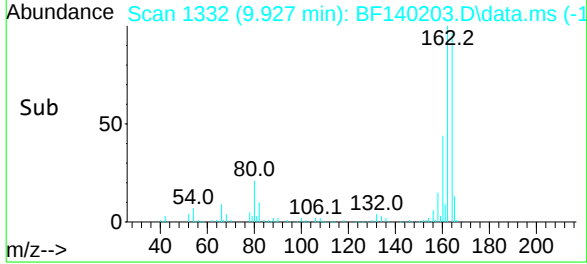
Instrument :
BNA_F
ClientSampleId :
PB164531BS



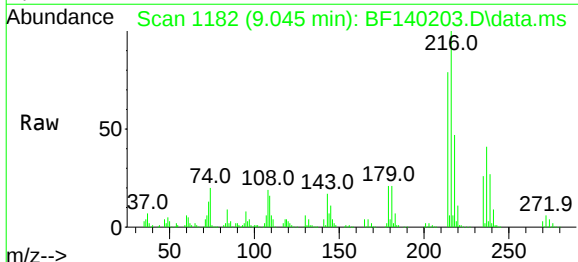
Tgt Ion:164 Resp: 295286
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 44.5 35.4 53.0

Manual Integrations
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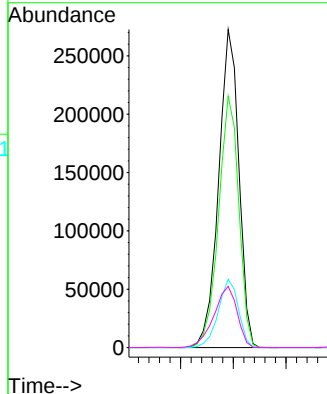
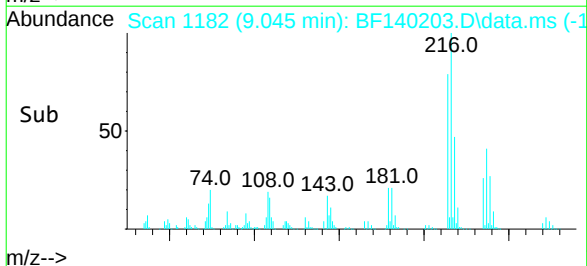
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

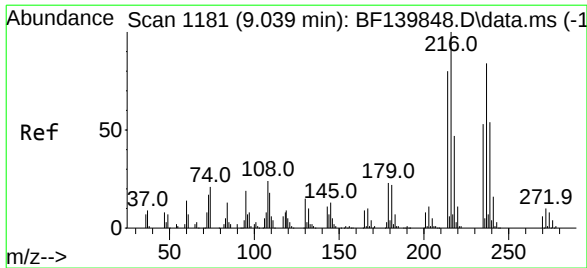


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.628 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



Tgt Ion:216 Resp: 363492
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.0
179 21.4 17.2 25.8
108 22.2 15.6 23.4





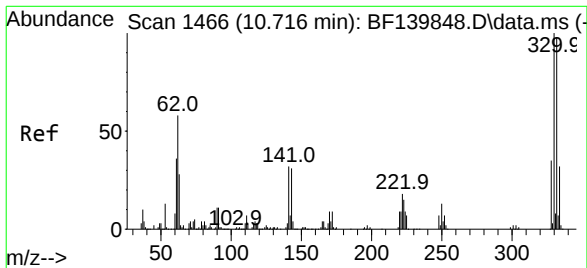
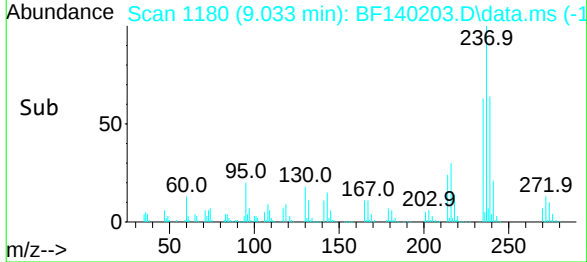
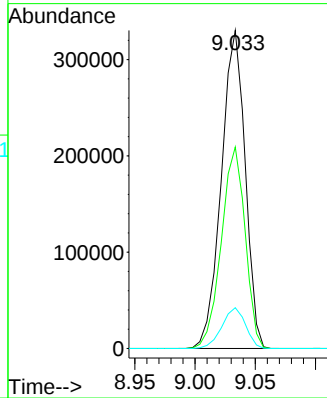
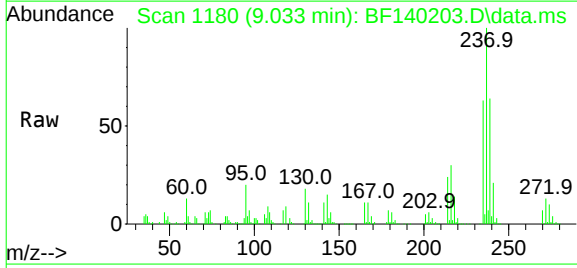
#41
Hexachlorocyclopentadiene
Concen: 164.383 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Instrument :
BNA_F
ClientSampleId :
PB164531BS

Tgt Ion: 237 Resp: 455655
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 12.8 0.0 32.3

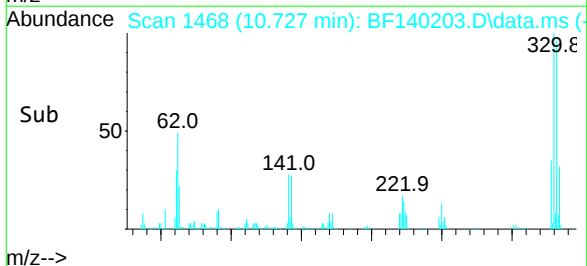
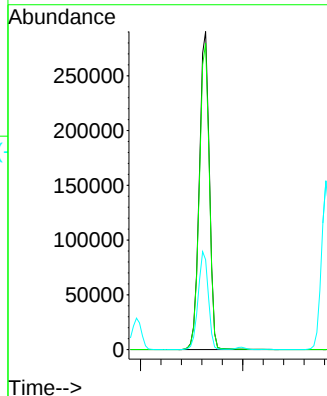
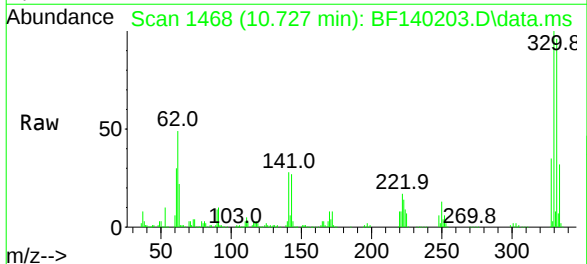
Manual Integrations
APPROVED

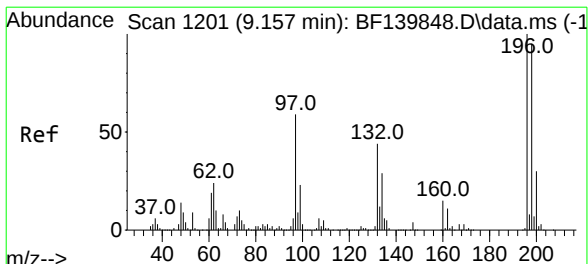
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#42
2,4,6-Tribromophenol
Concen: 142.848 ng
RT: 10.727 min Scan# 1468
Delta R.T. 0.012 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

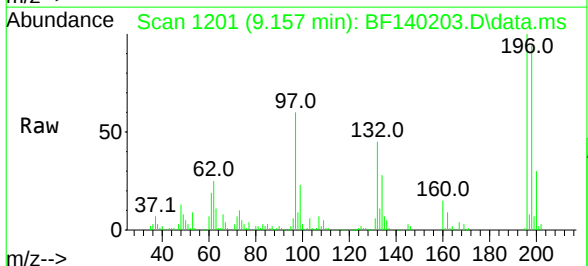
Tgt Ion: 330 Resp: 394547
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 31.2 26.6 39.8





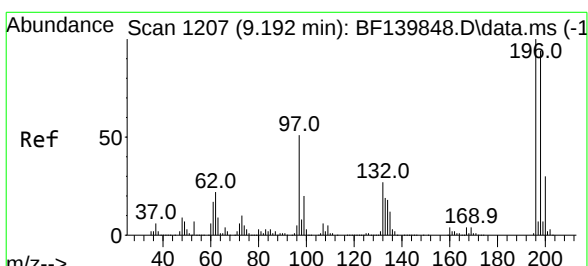
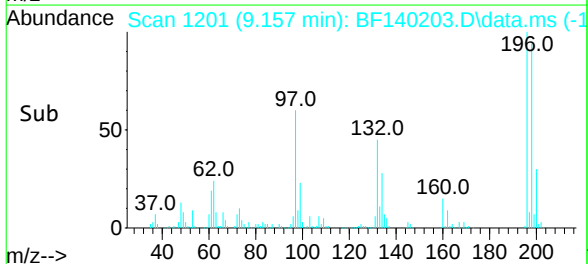
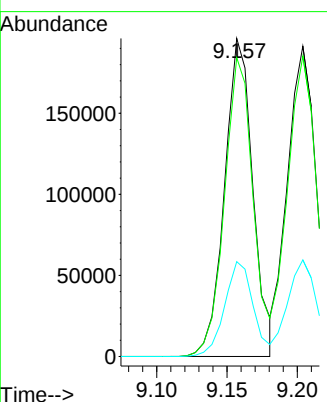
#43
 2,4,6-Trichlorophenol
 Concen: 48.736 ng
 RT: 9.157 min Scan# 1201
 Delta R.T. -0.000 min
 Lab File: BF140203.D
 Acq: 01 Nov 2024 10:41

Instrument : BNA_F
 ClientSampleId : PB164531BS

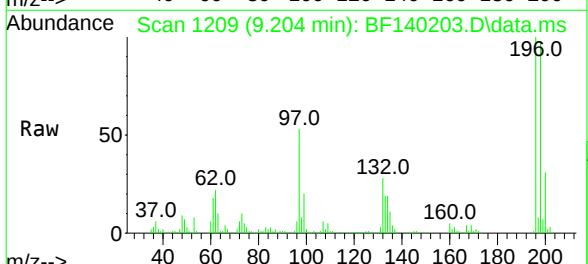


Tgt Ion:	196	Resp:	274874
Ion Ratio	Lower	Upper	
196	100		
198	94.0	76.2	114.2
200	29.8	24.0	36.0

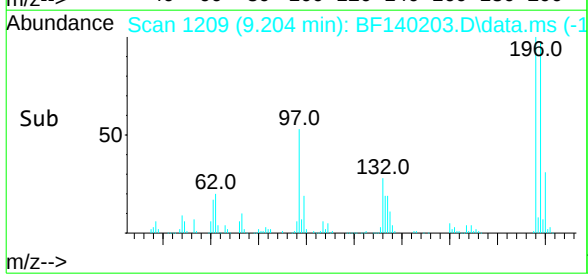
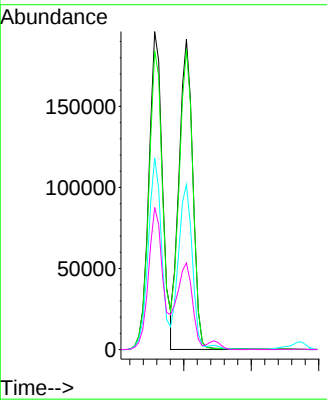
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

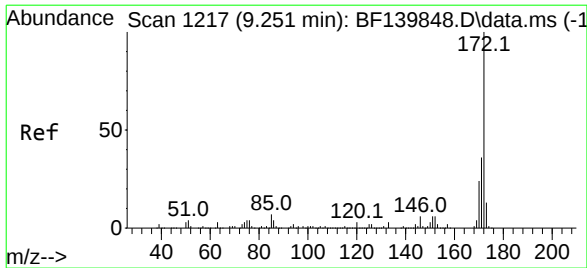


#44
 2,4,5-Trichlorophenol
 Concen: 46.690 ng
 RT: 9.204 min Scan# 1209
 Delta R.T. 0.012 min
 Lab File: BF140203.D
 Acq: 01 Nov 2024 10:41



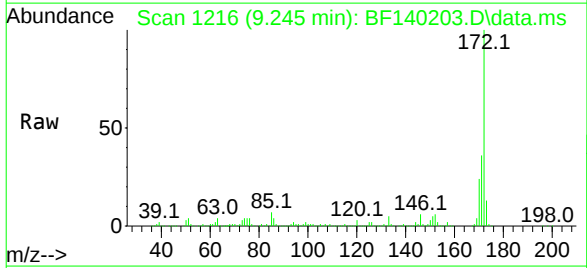
Tgt Ion:	196	Resp:	271693
Ion Ratio	Lower	Upper	
196	100		
198	96.8	75.8	113.6
97	53.2	41.8	62.6
132	27.9	22.9	34.3





#45
2-Fluorobiphenyl
Concen: 86.947 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

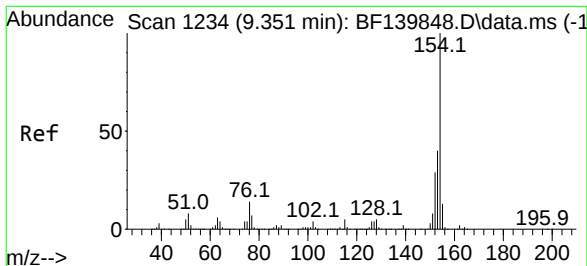
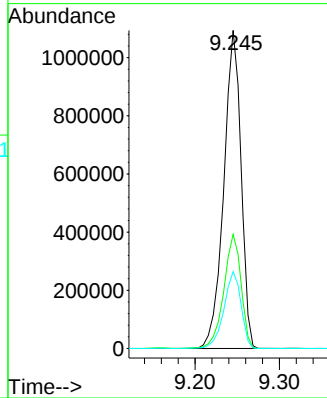
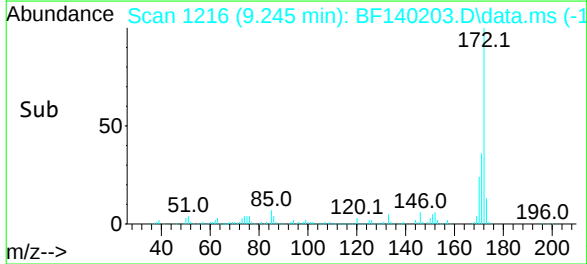
Instrument :
BNA_F
ClientSampleId :
PB164531BS



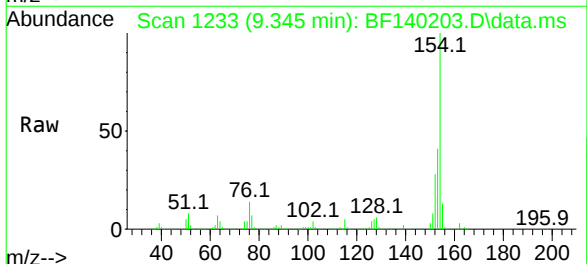
Tgt Ion:172 Resp: 1553470
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.2 19.1 28.7

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APPROVED

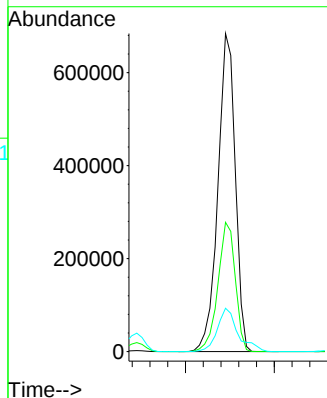
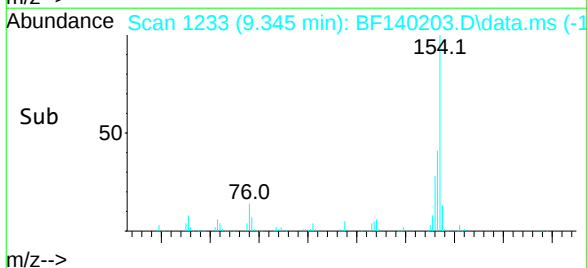
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

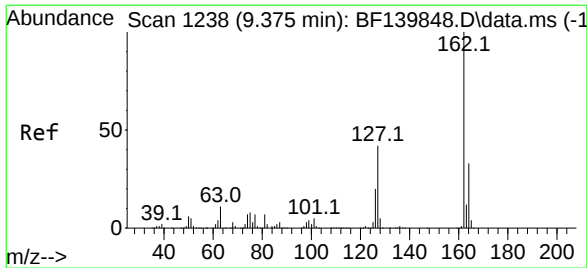


#46
1,1'-Biphenyl
Concen: 45.177 ng
RT: 9.345 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



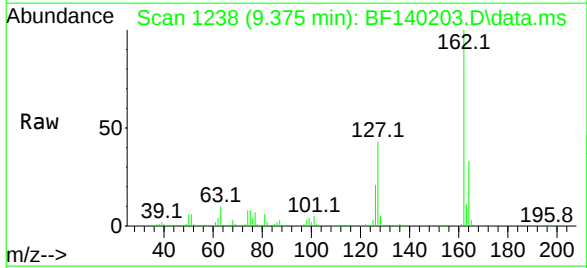
Tgt Ion:154 Resp: 928665
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 13.6 0.0 33.9





#47
2-Chloronaphthalene
Concen: 44.270 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

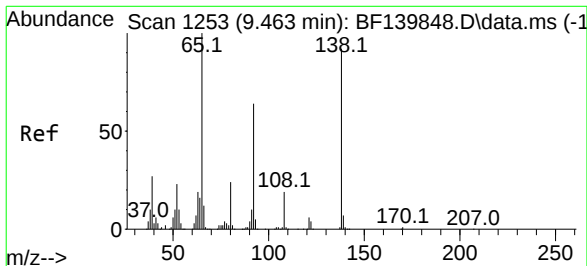
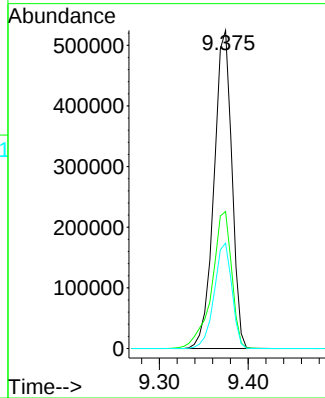
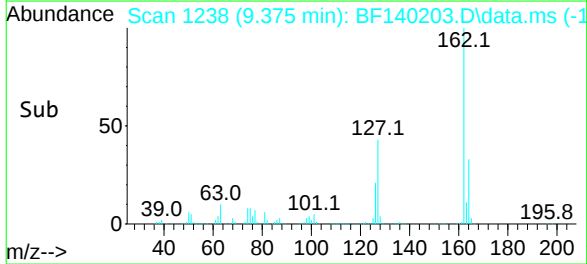
Instrument :
BNA_F
ClientSampleId :
PB164531BS



Tgt Ion:162 Resp: 732952
Ion Ratio Lower Upper
162 100
127 43.0 33.8 50.6
164 33.1 26.6 39.8

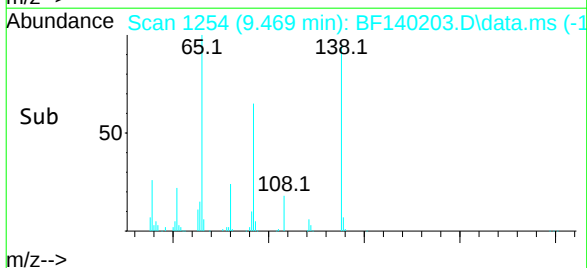
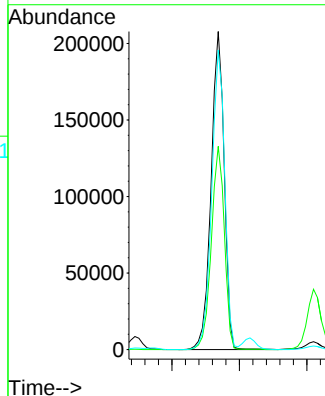
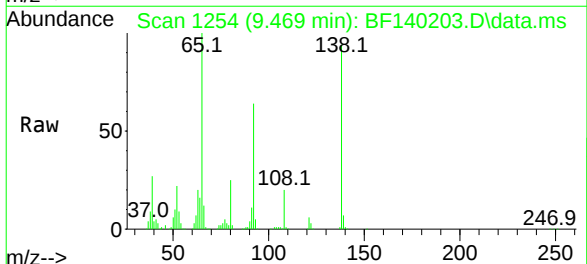
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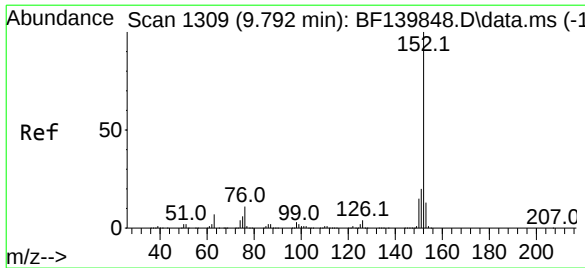
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#48
2-Nitroaniline
Concen: 55.326 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Tgt Ion: 65 Resp: 280152
Ion Ratio Lower Upper
65 100
92 63.9 50.9 76.3
138 94.2 73.4 110.0





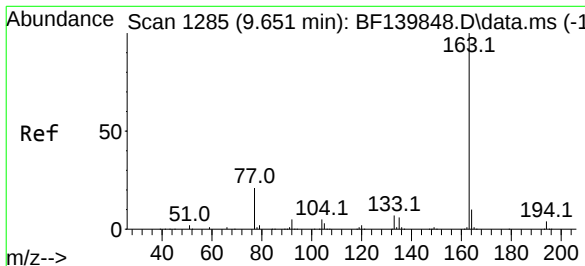
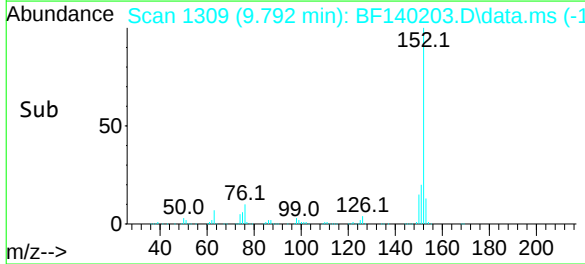
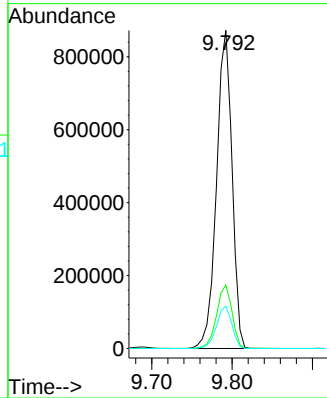
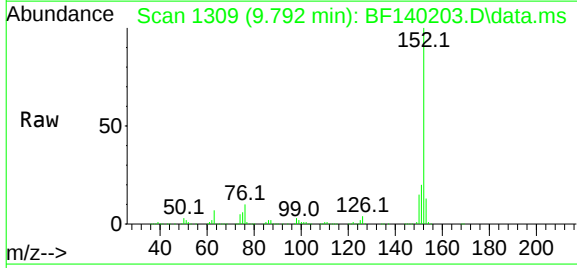
#49
Acenaphthylene
Concen: 48.647 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Instrument : BNA_F
ClientSampleId : PB164531BS

Tgt Ion:152 Resp: 1164380
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.3 10.7 16.1

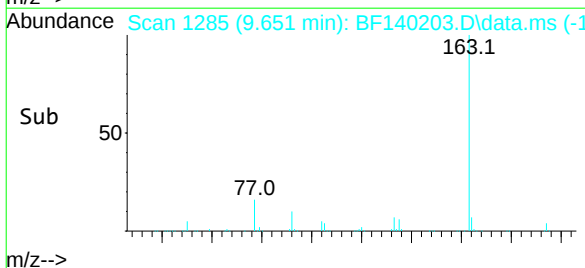
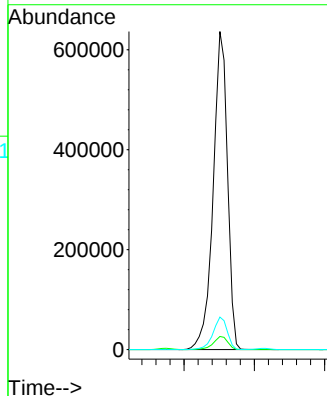
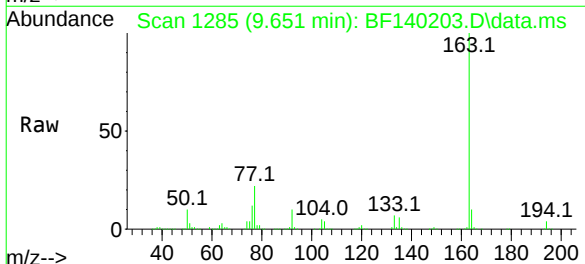
Manual Integrations
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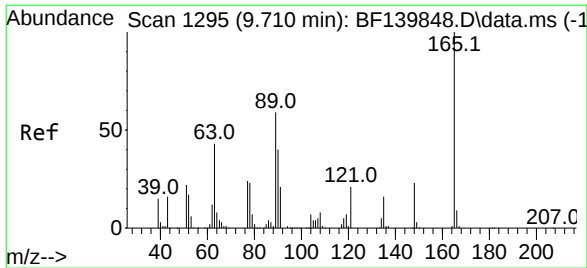
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#50
Dimethylphthalate
Concen: 48.784 ng
RT: 9.651 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

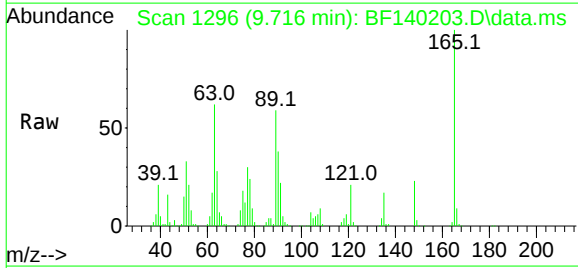
Tgt Ion:163 Resp: 897277
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.654 ng
RT: 9.716 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

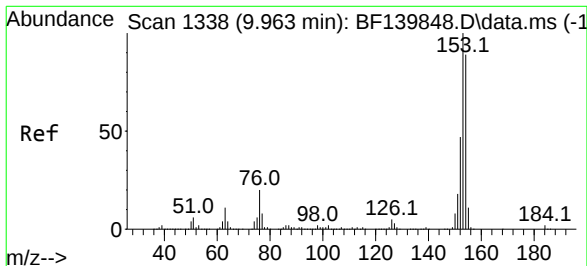
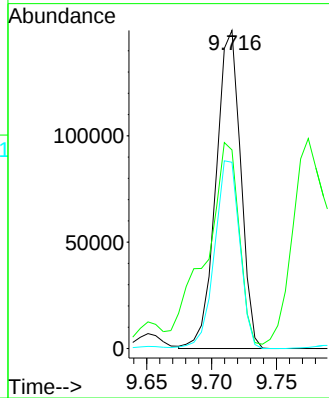
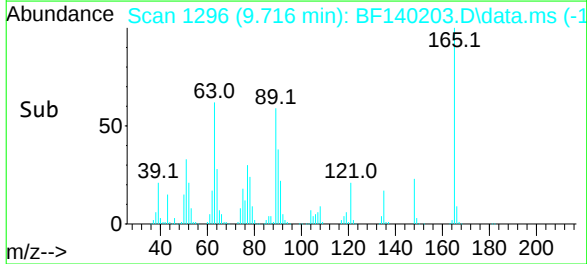
Instrument :
BNA_F
ClientSampleId :
PB164531BS



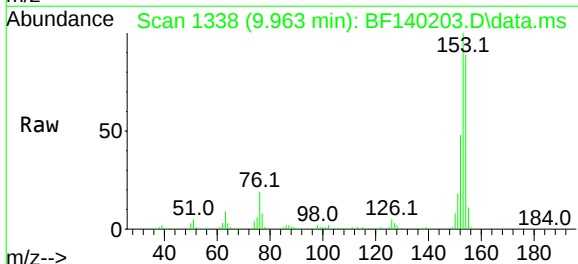
Tgt Ion:165 Resp: 197741
Ion Ratio Lower Upper
165 100
63 62.4 50.6 75.8
89 58.5 47.5 71.3

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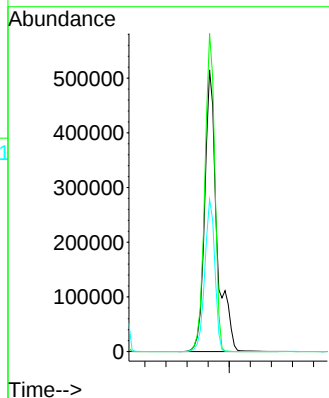
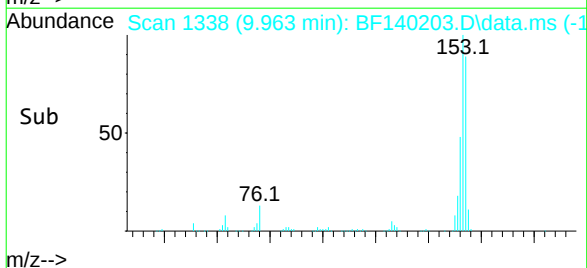
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

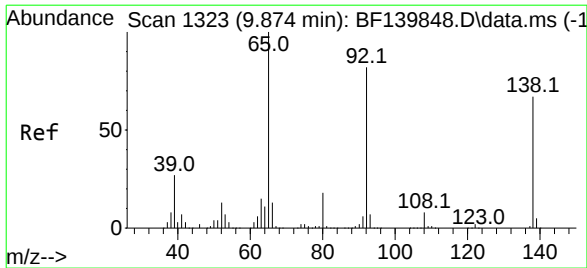


#52
Acenaphthene
Concen: 53.983 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



Tgt Ion:154 Resp: 835850
Ion Ratio Lower Upper
154 100
153 112.9 89.8 134.6
152 54.0 42.4 63.6





#53
3-Nitroaniline
Concen: 39.986 ng
RT: 9.880 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

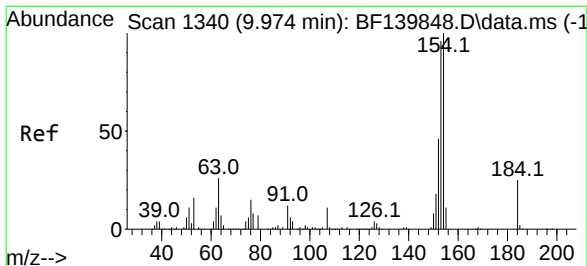
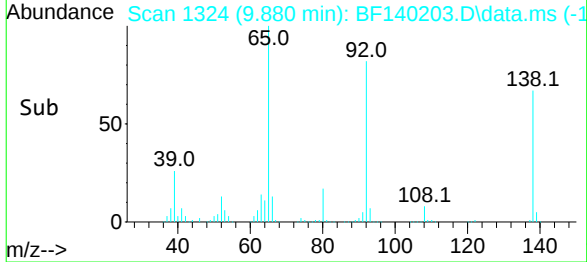
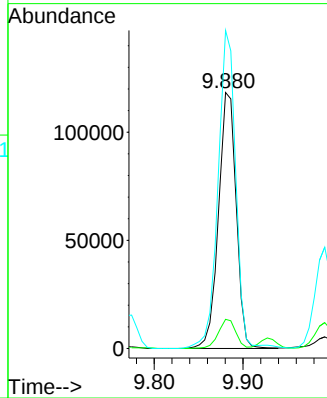
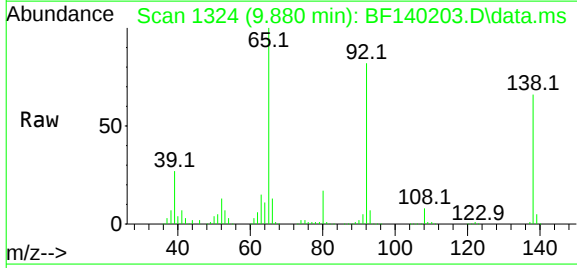
ClientSampleId :

PB164531BS

Tgt Ion:138 Resp: 164214
Ion Ratio Lower Upper
138 100
108 11.4 10.2 15.2
92 124.2 98.3 147.5

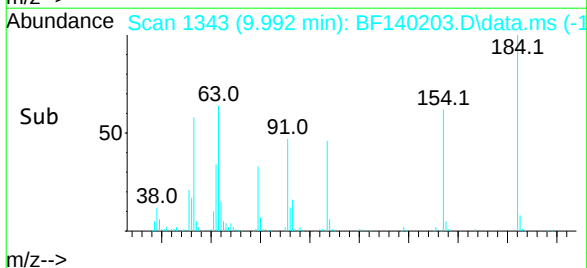
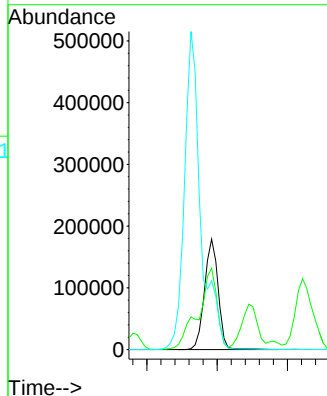
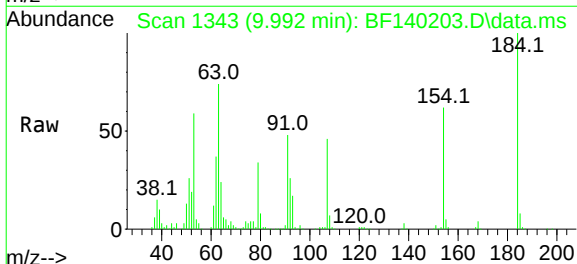
Manual Integrations
APPROVED

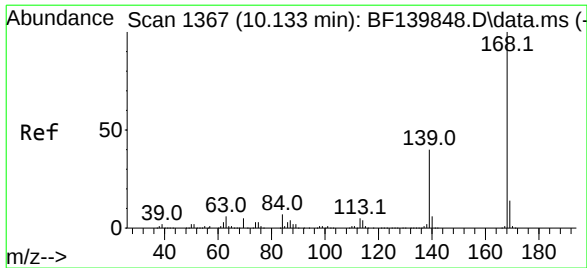
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#54
2,4-Dinitrophenol
Concen: 140.964 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.018 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Tgt Ion:184 Resp: 242202
Ion Ratio Lower Upper
184 100
63 73.6 84.7 127.1#
154 62.3 338.2 507.2#





#55

Dibenzenofuran

Concen: 46.117 ng

RT: 10.139 min Scan# 13

Delta R.T. 0.006 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion:168 Resp: 1024518

Ion Ratio Lower Upper

168 100

139 40.1 31.8 47.6

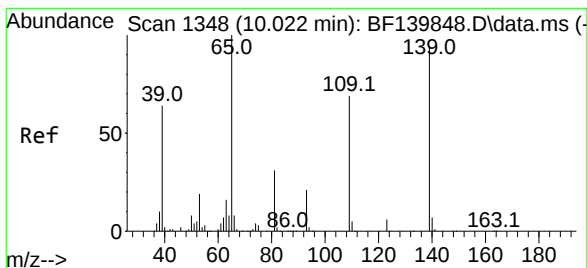
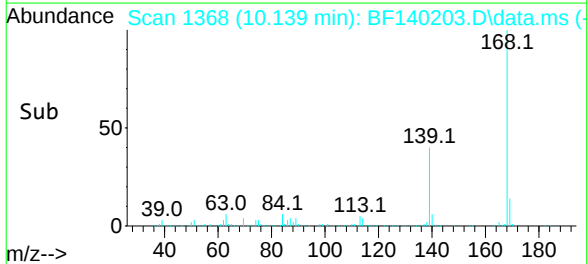
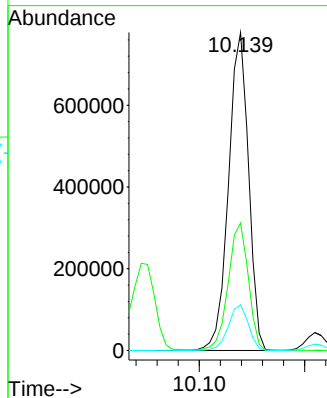
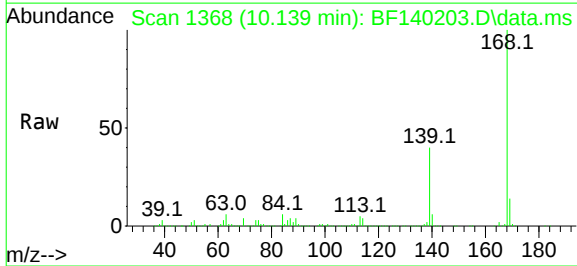
169 14.4 11.6 17.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#56

4-Nitrophenol

Concen: 106.279 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.024 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

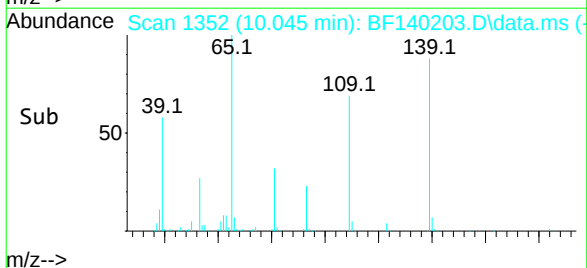
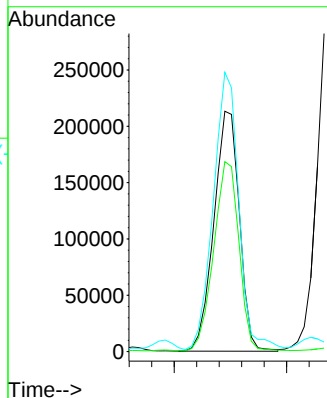
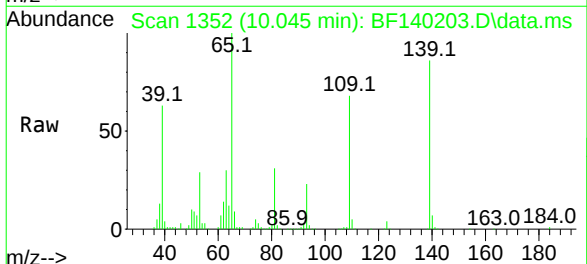
Tgt Ion:139 Resp: 335799

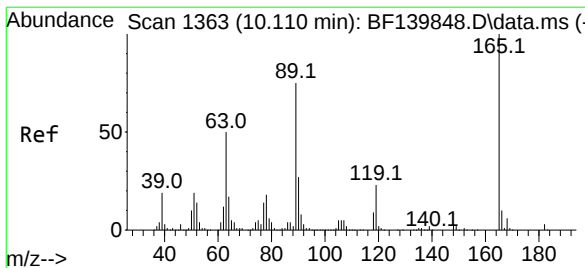
Ion Ratio Lower Upper

139 100

109 79.0 53.6 93.6

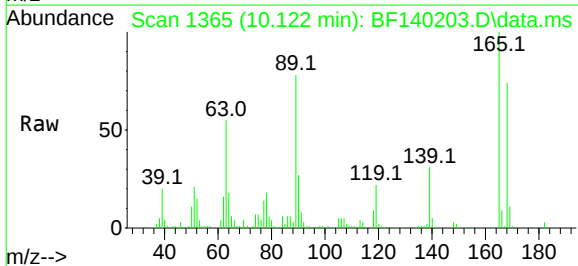
65 116.2 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 55.927 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

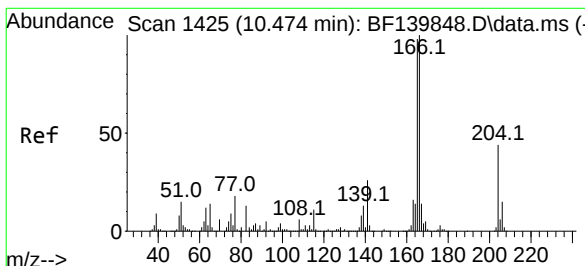
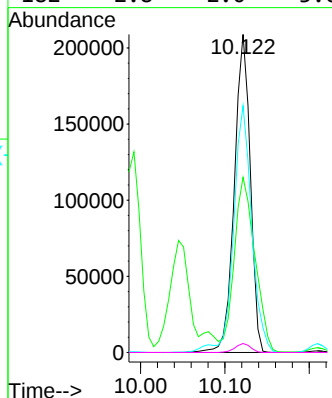
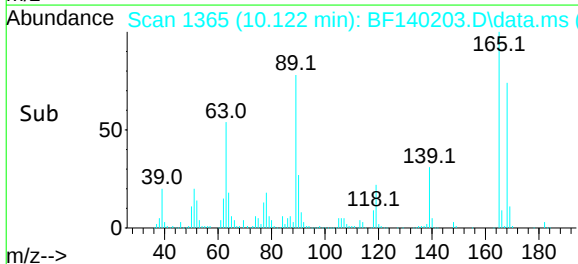
Instrument :
BNA_F
ClientSampleId :
PB164531BS



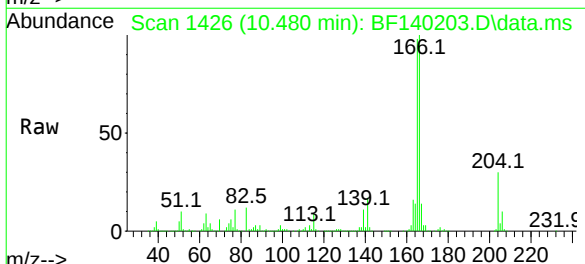
Tgt Ion:165 Resp: 273892
Ion Ratio Lower Upper
165 100
63 55.1 40.1 60.1
89 77.6 60.4 90.6
182 2.8 2.0 3.0

Manual Integrations
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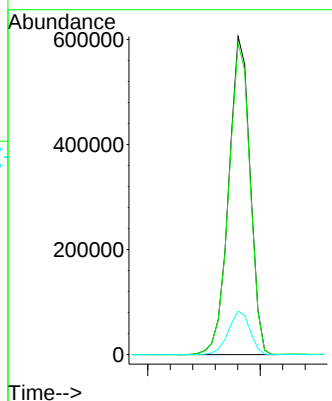
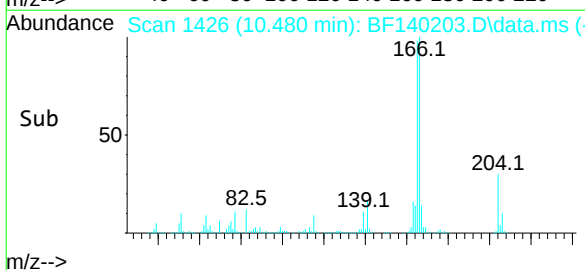
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

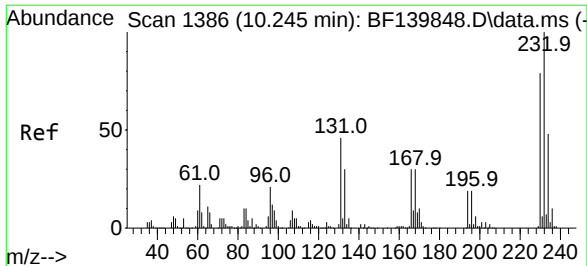


#58
Fluorene
Concen: 47.184 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



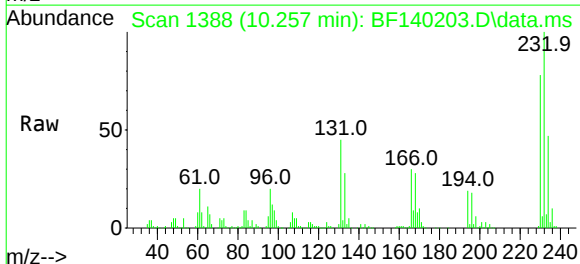
Tgt Ion:166 Resp: 798373
Ion Ratio Lower Upper
166 100
165 97.9 78.5 117.7
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.435 ng
RT: 10.257 min Scan# 1387
Delta R.T. 0.012 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

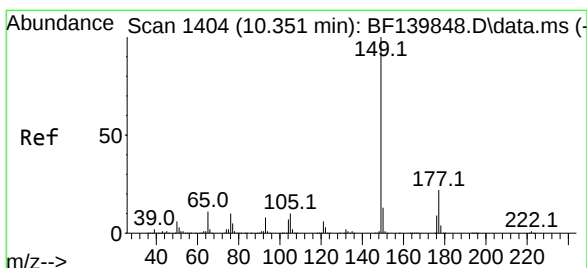
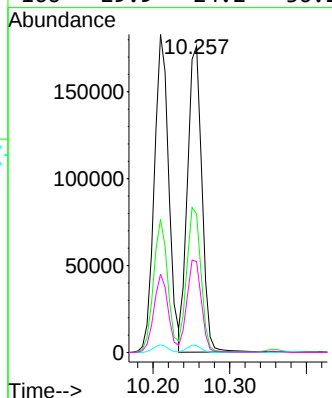
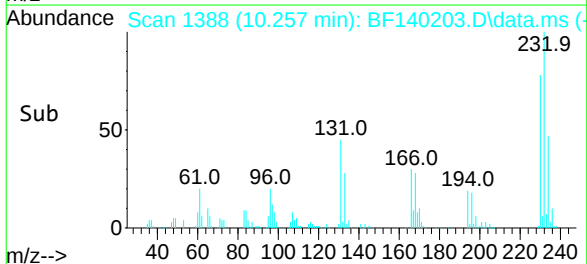
Instrument :
BNA_F
ClientSampleId :
PB164531BS



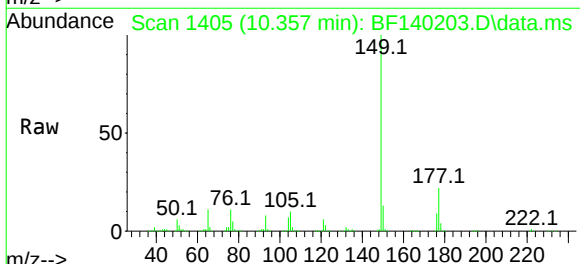
Tgt Ion: 232 Resp: 230068
Ion Ratio Lower Upper
232 100
131 47.1 37.0 55.6
130 2.4 1.9 2.9
166 29.9 24.2 36.2

Manual Integrations
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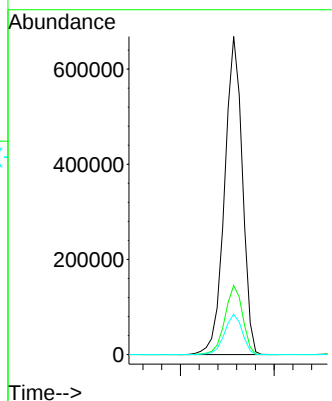
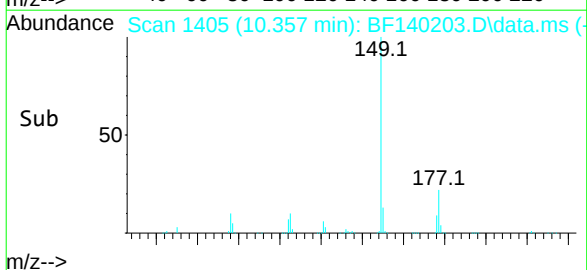
Reviewed By : Yogesh Patel 11/04/2024
Supervised By : mohammad ahmed 11/04/2024

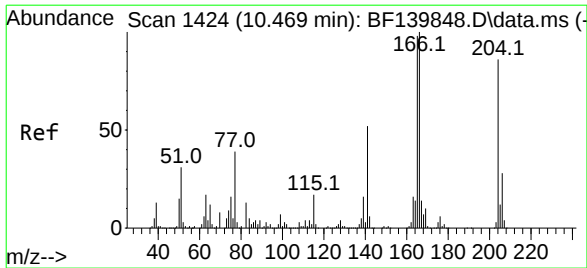


#60
Diethylphthalate
Concen: 48.746 ng
RT: 10.357 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



Tgt Ion: 149 Resp: 880306
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.7 10.1 15.1





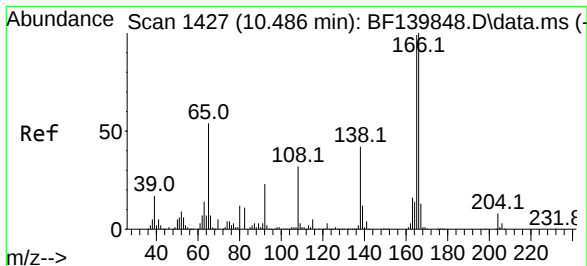
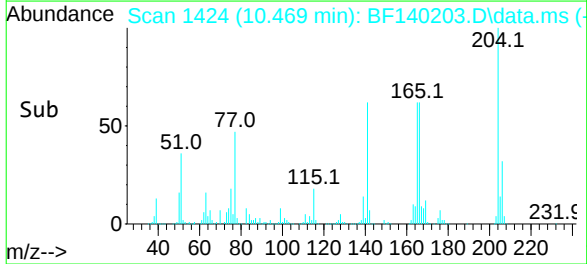
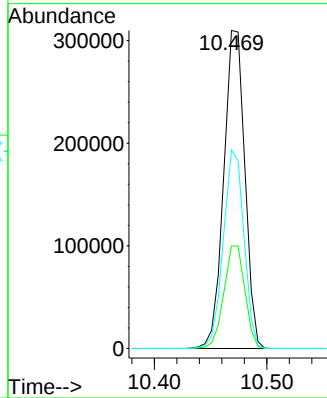
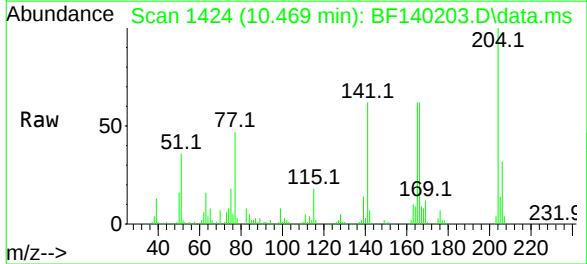
#61
4-Chlorophenyl-phenylether
Concen: 47.319 ng
RT: 10.469 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Instrument :
BNA_F
ClientSampleId :
PB164531BS

Tgt Ion:204 Resp: 404336
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 62.4 48.6 73.0

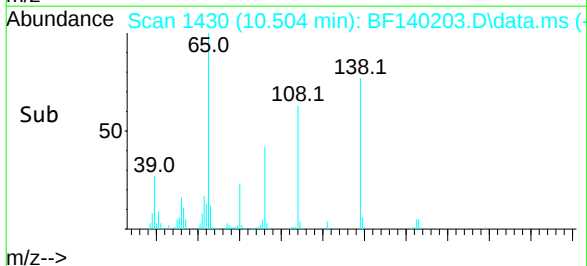
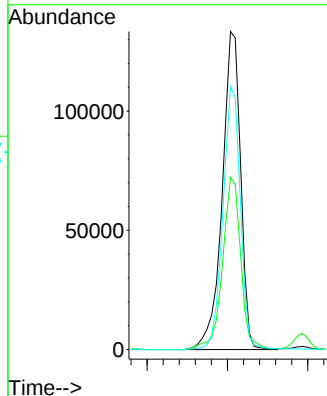
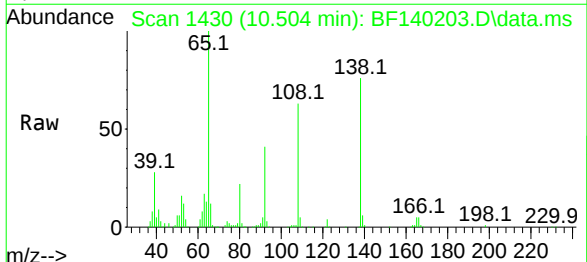
Manual Integrations
APPROVED

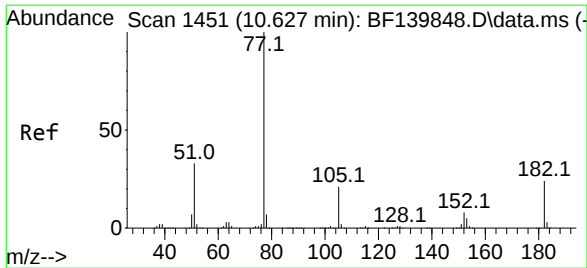
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#62
4-Nitroaniline
Concen: 54.804 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.018 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

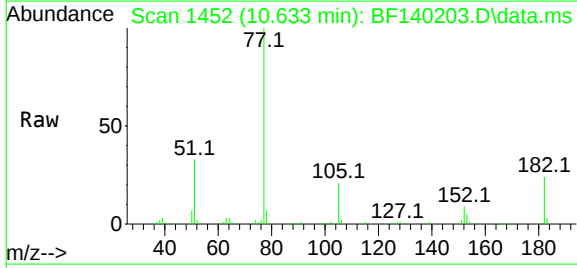
Tgt Ion:138 Resp: 212570
Ion Ratio Lower Upper
138 100
92 54.2 35.7 75.7
108 82.7 57.5 97.5





#63
Azobenzene
Concen: 47.635 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

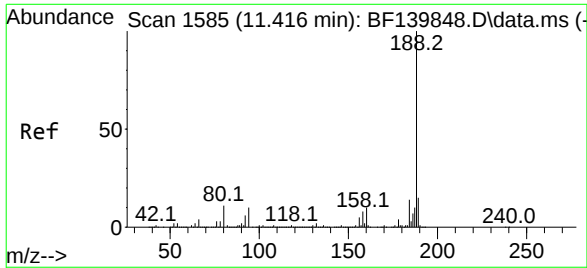
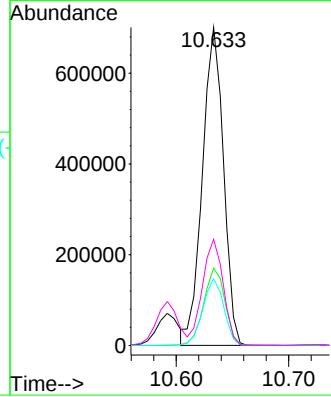
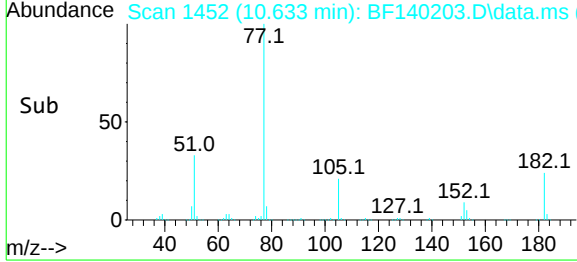
Instrument :
BNA_F
ClientSampleId :
PB164531BS



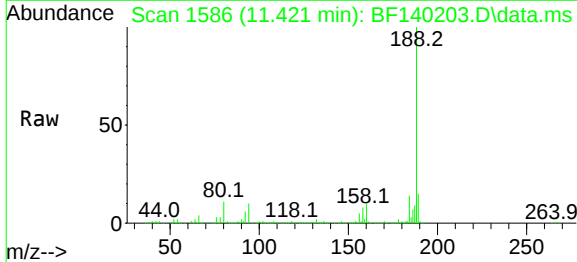
Tgt Ion: 77 Resp: 911991
Ion Ratio Lower Upper
77 100
182 24.3 3.3 43.3
105 21.0 1.2 41.2
51 33.4 13.3 53.3

Manual Integrations
APPROVED

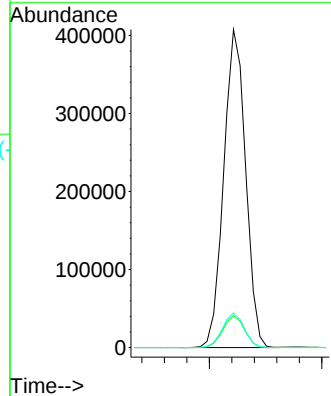
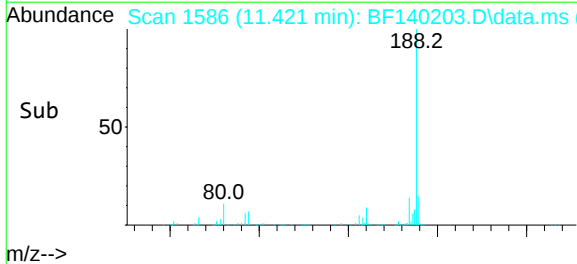
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

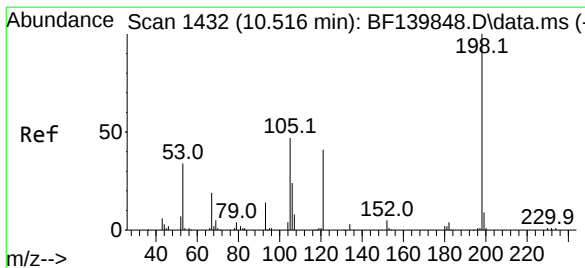


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



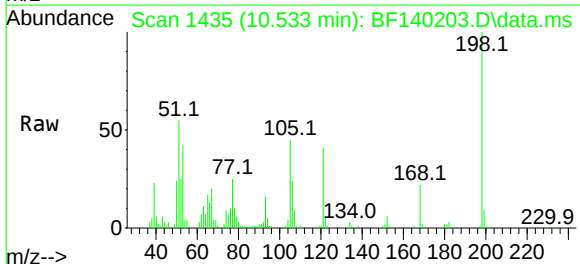
Tgt Ion:188 Resp: 550886
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 10.9 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 70.893 ng
RT: 10.533 min Scan# 1432
Delta R.T. 0.017 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

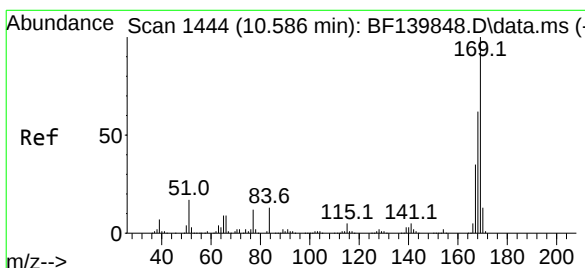
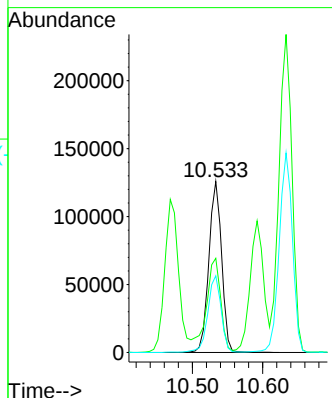
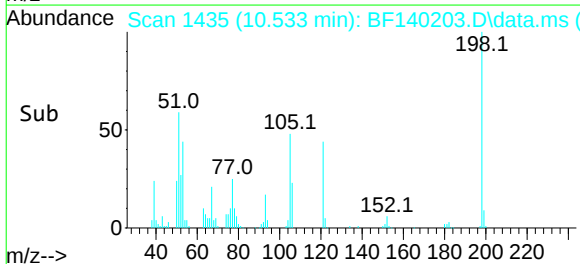
Instrument :
BNA_F
ClientSampleId :
PB164531BS



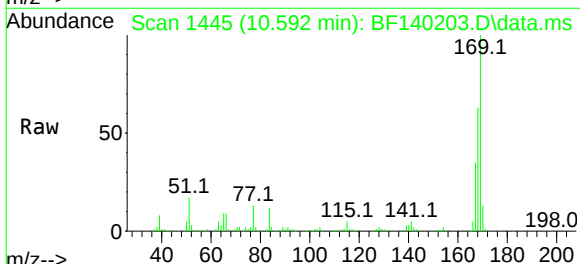
Tgt Ion:198 Resp: 159299
Ion Ratio Lower Upper
198 100
51 55.1 38.2 78.2
105 44.8 27.9 67.9

Manual Integrations
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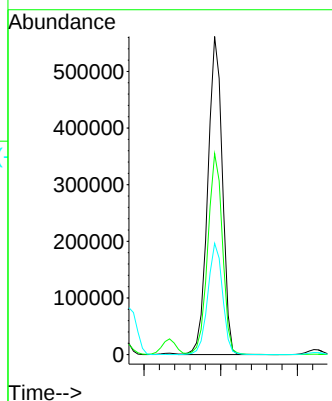
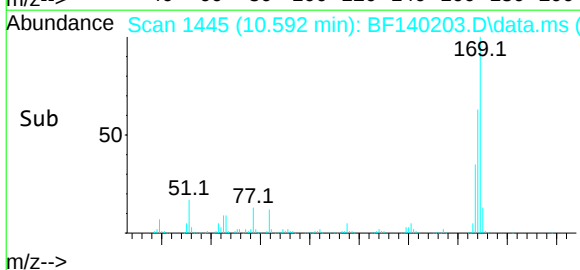
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

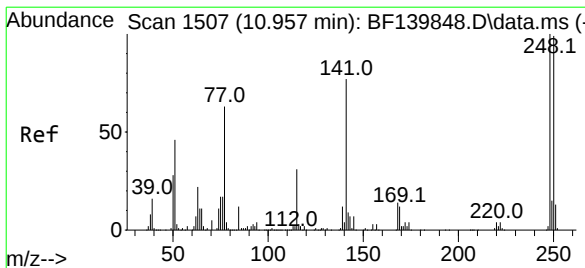


#66
n-Nitrosodiphenylamine
Concen: 44.943 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



Tgt Ion:169 Resp: 741018
Ion Ratio Lower Upper
169 100
168 63.2 49.8 74.6
167 35.0 28.0 42.0





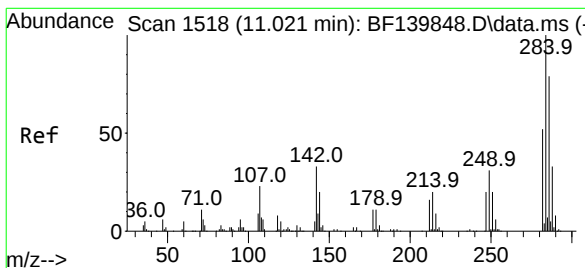
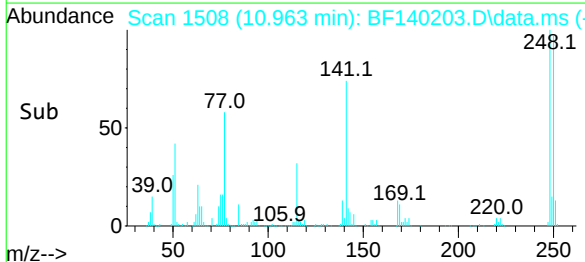
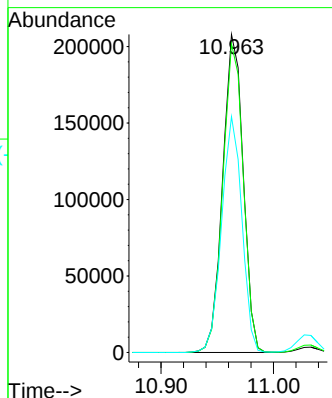
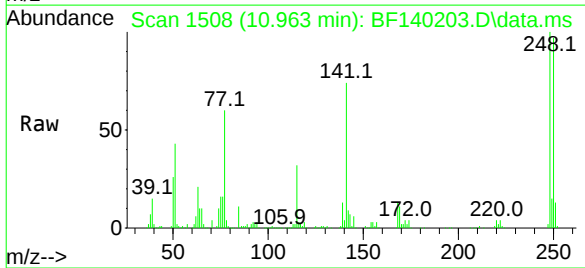
#67
4-Bromophenyl-phenylether
Concen: 46.335 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Instrument :
BNA_F
ClientSampleId :
PB164531BS

Tgt Ion:248 Resp: 262959
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.6
141 74.1 61.7 92.5

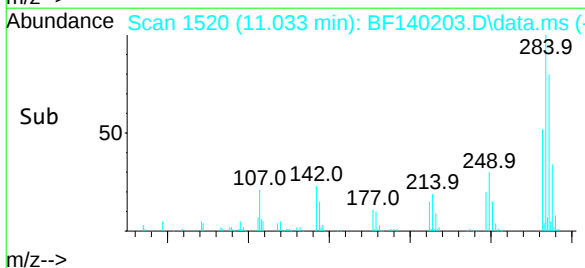
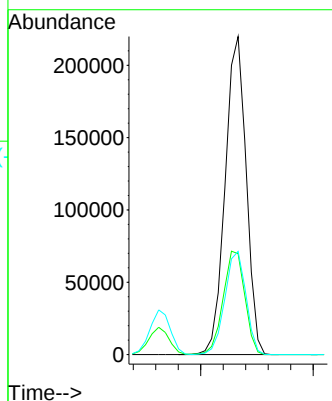
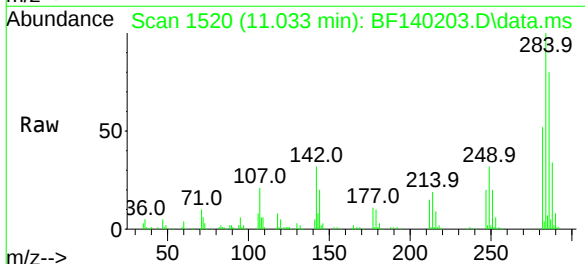
Manual Integrations
APPROVED

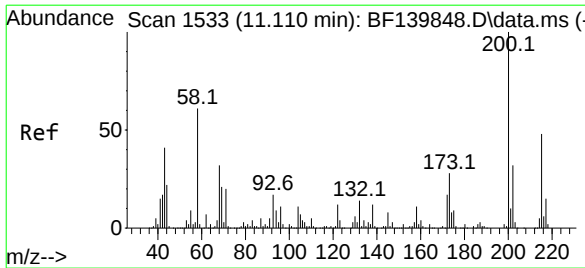
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#68
Hexachlorobenzene
Concen: 44.728 ng
RT: 11.033 min Scan# 1520
Delta R.T. 0.012 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Tgt Ion:284 Resp: 285481
Ion Ratio Lower Upper
284 100
142 31.7 26.9 40.3
249 32.4 25.3 37.9





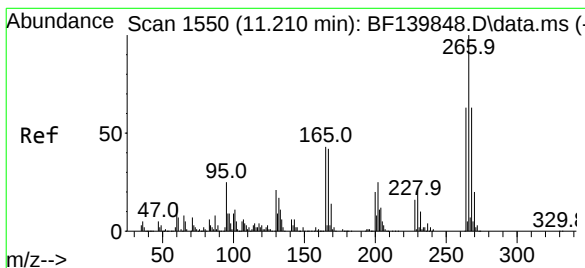
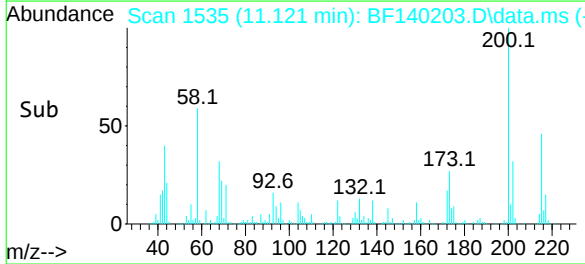
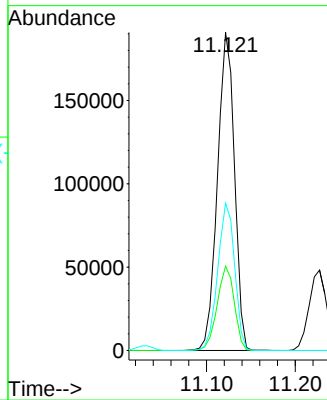
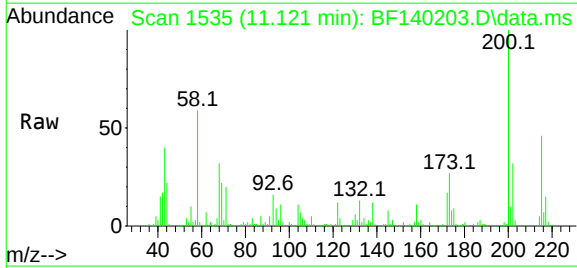
#69
Atrazine
Concen: 56.901 ng
RT: 11.121 min Scan# 1535
Delta R.T. 0.012 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Instrument :
BNA_F
ClientSampleId :
PB164531BS

Tgt Ion:200 Resp: 254138
Ion Ratio Lower Upper
200 100
173 26.5 7.7 47.7
215 46.3 27.7 67.7

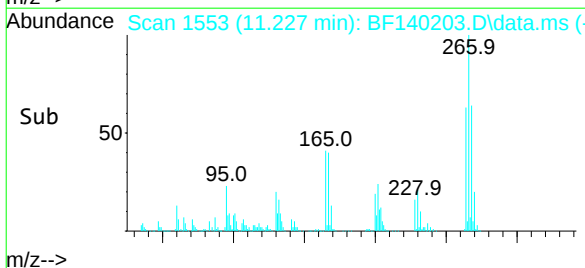
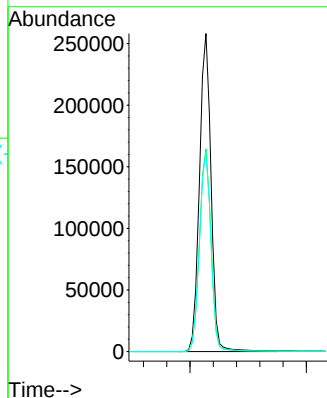
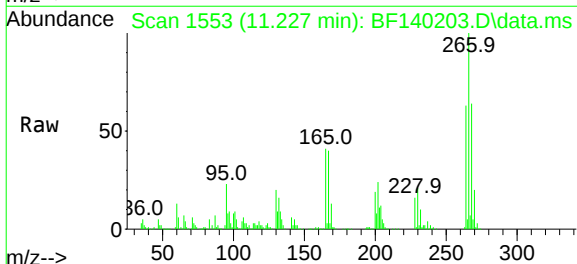
Manual Integrations
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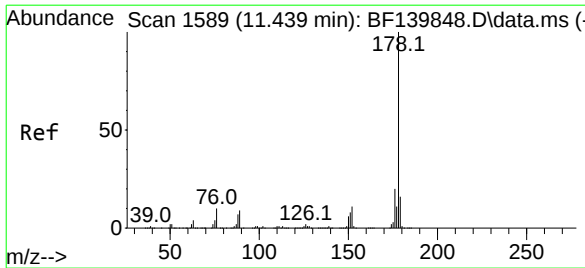
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#70
Pentachlorophenol
Concen: 92.191 ng
RT: 11.227 min Scan# 1553
Delta R.T. 0.018 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Tgt Ion:266 Resp: 357120
Ion Ratio Lower Upper
266 100
268 63.7 50.4 75.6
264 62.6 50.6 75.8





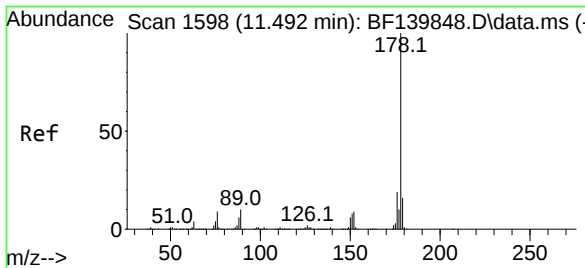
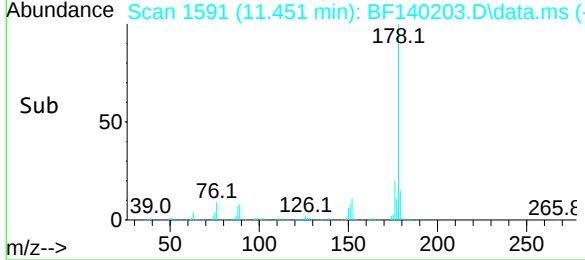
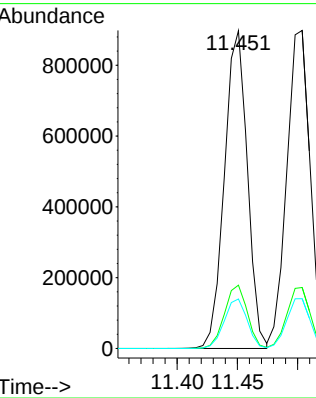
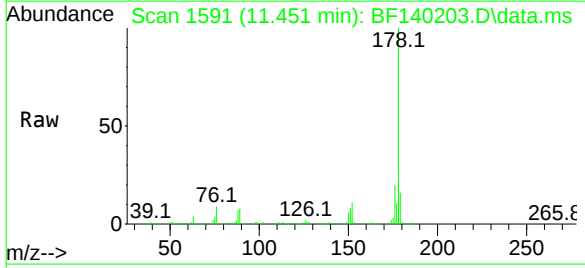
#71
Phenanthrene
Concen: 45.611 ng
RT: 11.451 min Scan# 15
Delta R.T. 0.012 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Instrument :
BNA_F
ClientSampleId :
PB164531BS

Tgt Ion:178 Resp: 1186870
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.6 12.6 18.8

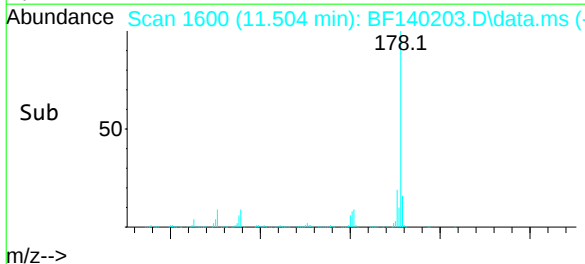
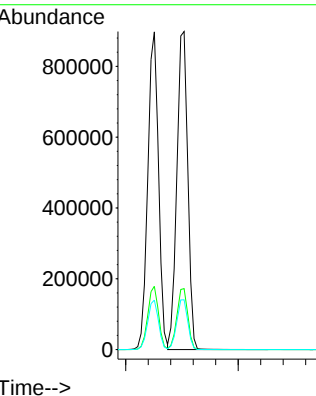
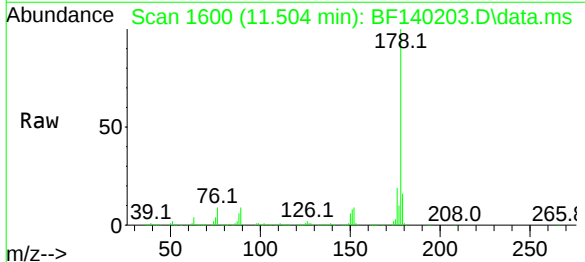
Manual Integrations
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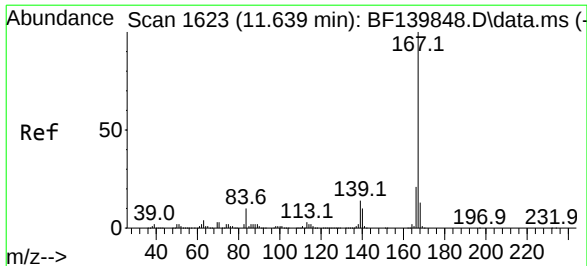
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#72
Anthracene
Concen: 47.645 ng
RT: 11.504 min Scan# 1600
Delta R.T. 0.012 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

Tgt Ion:178 Resp: 1209649
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 12.4 18.6





#73

Carbazole

Concen: 45.937 ng

RT: 11.657 min Scan# 1623

Delta R.T. 0.018 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion:167 Resp: 1084663

Ion Ratio Lower Upper

167 100

166 22.2 17.0 25.6

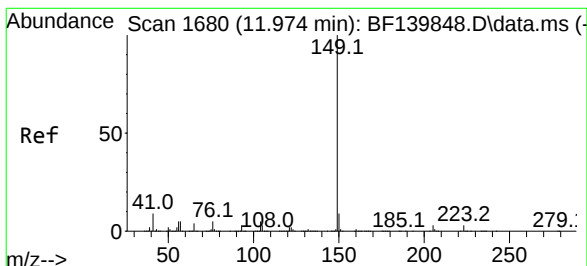
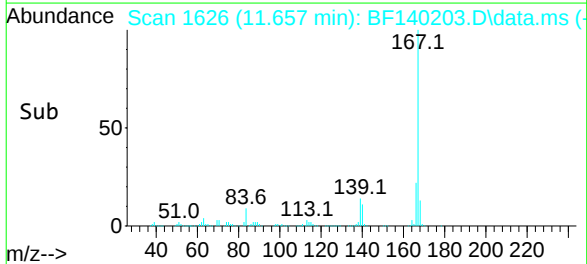
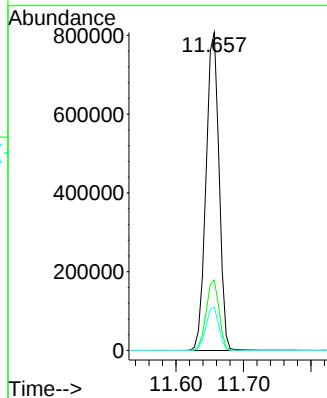
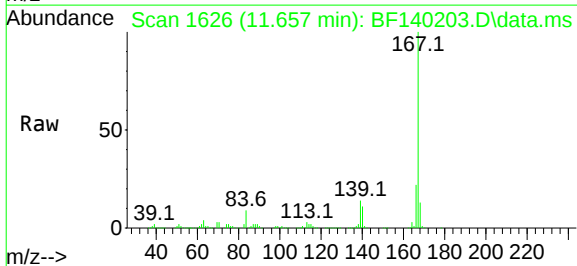
139 13.6 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#74

Di-n-butylphthalate

Concen: 49.389 ng

RT: 11.986 min Scan# 1682

Delta R.T. 0.012 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

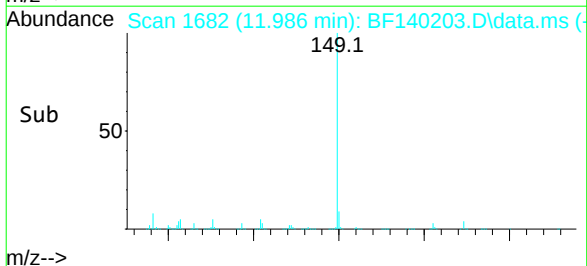
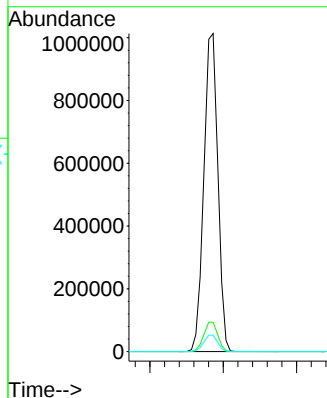
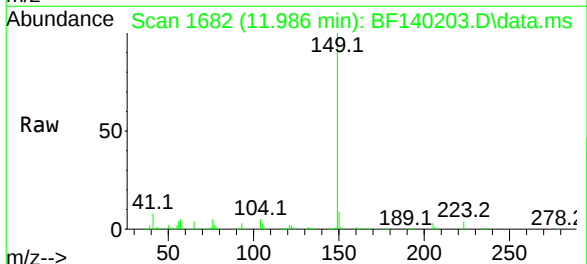
Tgt Ion:149 Resp: 1347316

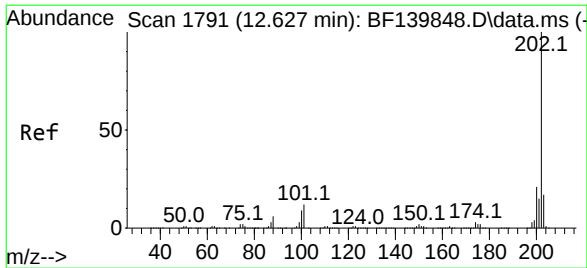
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

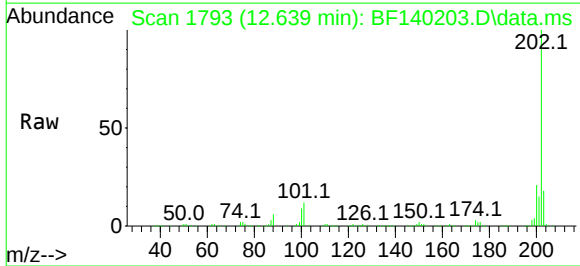
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 48.657 ng
RT: 12.639 min Scan# 1791
Delta R.T. 0.012 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

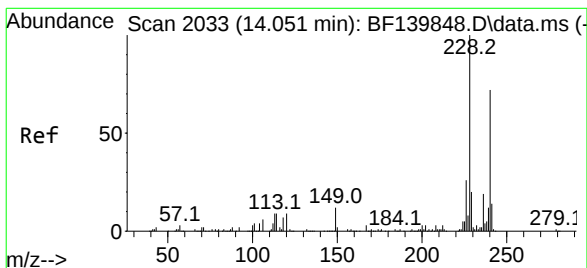
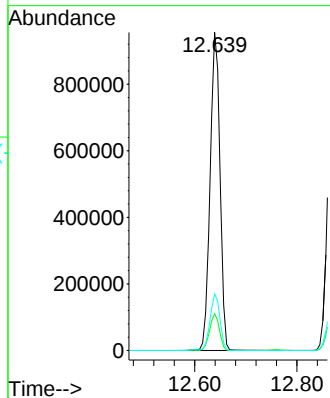
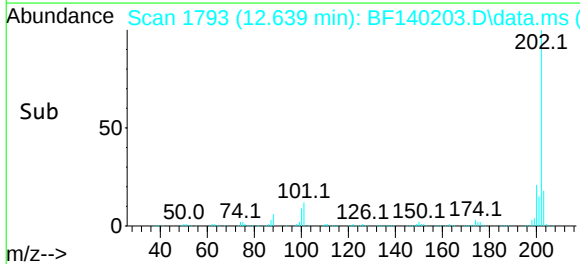
Instrument :
BNA_F
ClientSampleId :
PB164531BS



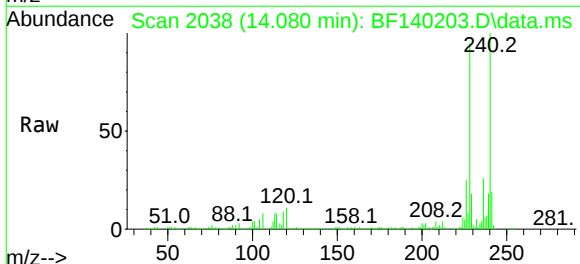
Tgt Ion:202 Resp: 1279951
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.9
203 17.8 0.0 37.5

Manual Integrations
APPROVED

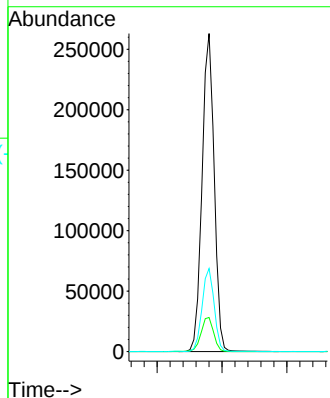
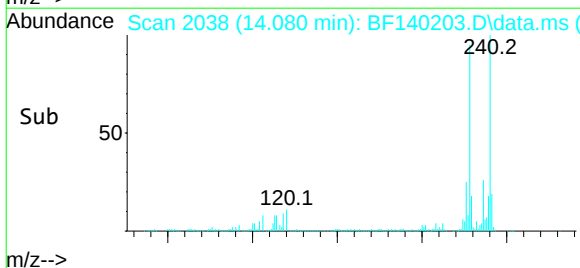
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

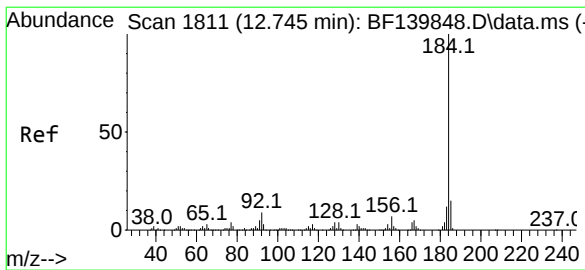


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2038
Delta R.T. 0.029 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



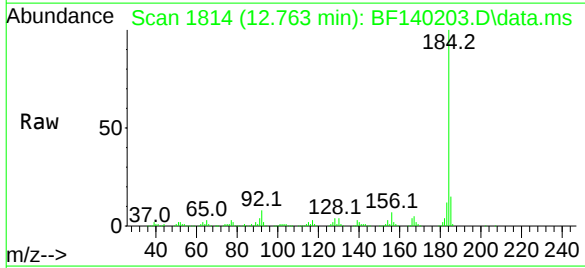
Tgt Ion:240 Resp: 342085
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 26.1 20.9 31.3





#77
Benzidine
Concen: 68.881 ng
RT: 12.763 min Scan# 1814
Delta R.T. 0.018 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

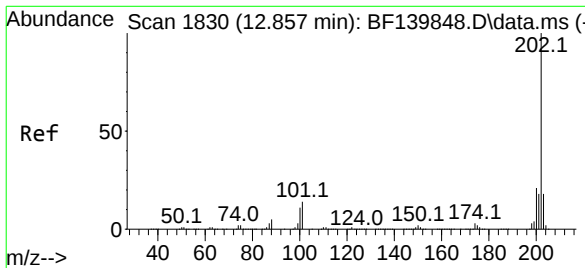
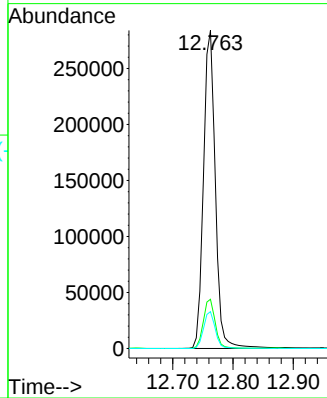
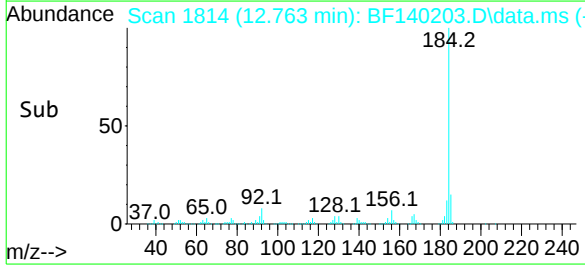
Instrument :
BNA_F
ClientSampleId :
PB164531BS



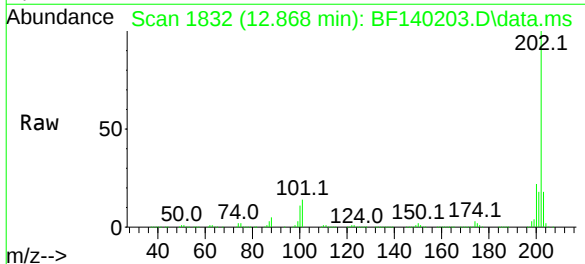
Tgt Ion:184 Resp: 387457
Ion Ratio Lower Upper
184 100
185 15.5 12.0 18.0
183 11.6 9.4 14.2

Manual Integrations
APPROVED

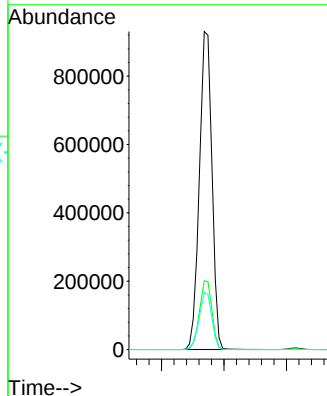
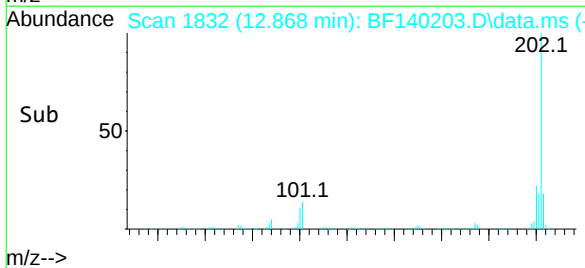
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

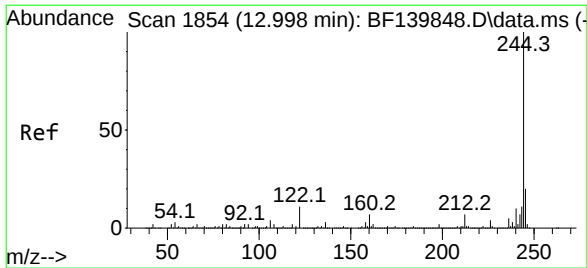


#78
Pyrene
Concen: 43.530 ng
RT: 12.868 min Scan# 1832
Delta R.T. 0.012 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



Tgt Ion:202 Resp: 1303458
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 88.082 ng

RT: 13.015 min Scan# 18

Delta R.T. 0.018 min

Lab File: BF140203.D

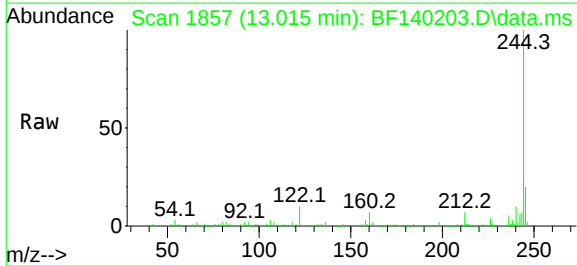
Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:244 Resp: 1849152

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

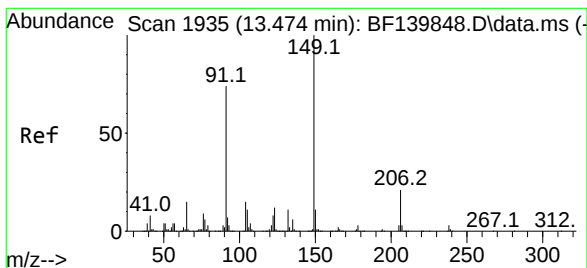
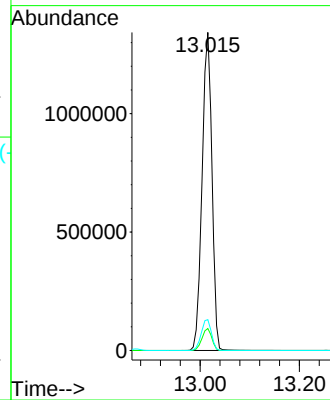
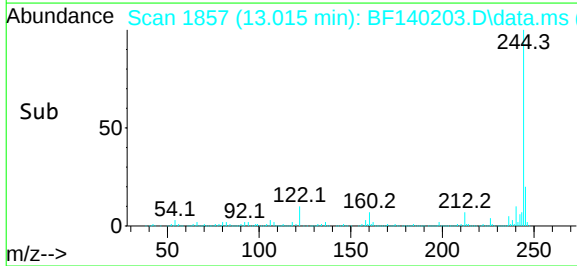
122 9.7 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#80

Butylbenzylphthalate

Concen: 59.870 ng

RT: 13.492 min Scan# 1938

Delta R.T. 0.018 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

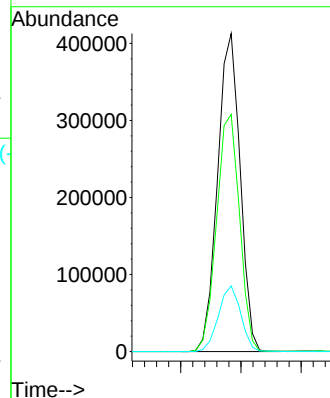
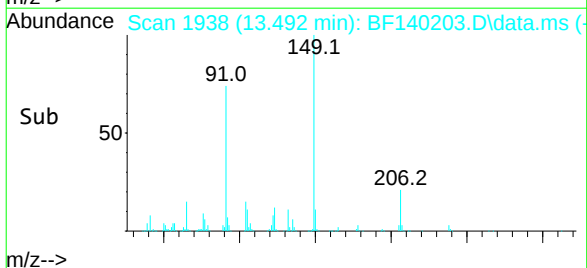
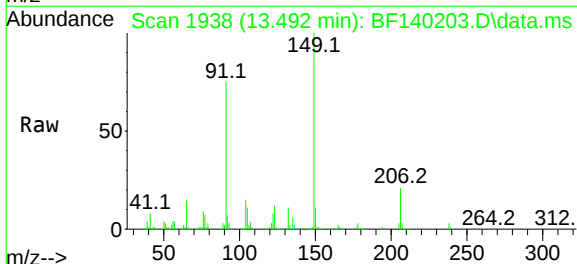
Tgt Ion:149 Resp: 537469

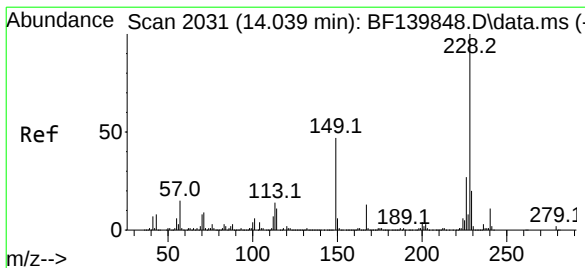
Ion Ratio Lower Upper

149 100

91 74.6 59.4 89.2

206 20.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 47.982 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.029 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion:228 Resp: 1068499

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

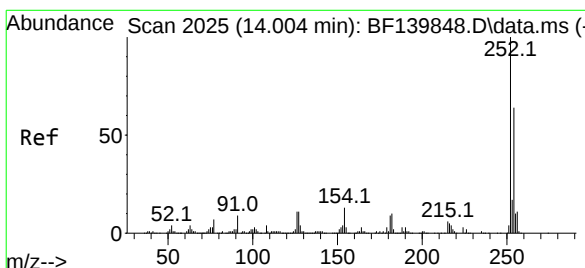
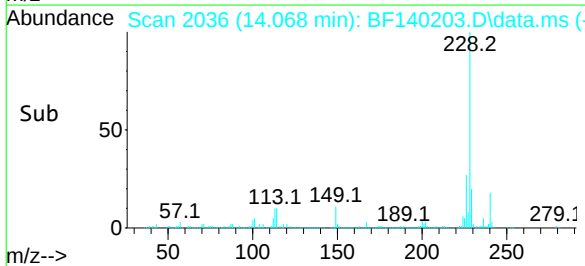
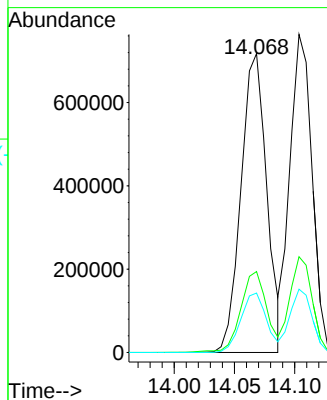
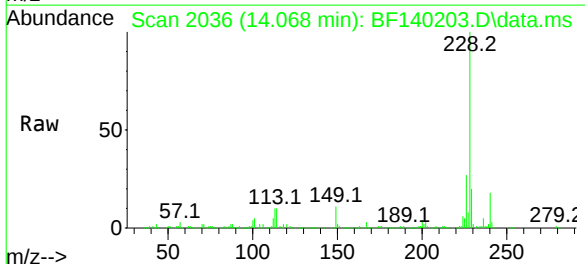
229 19.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#82

3,3'-Dichlorobenzidine

Concen: 42.873 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.024 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

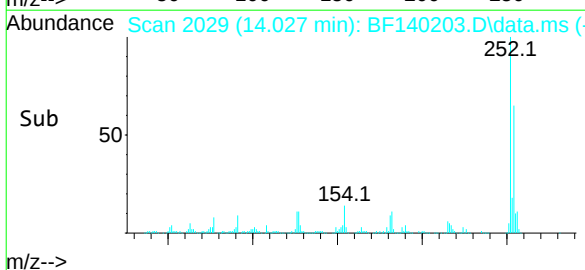
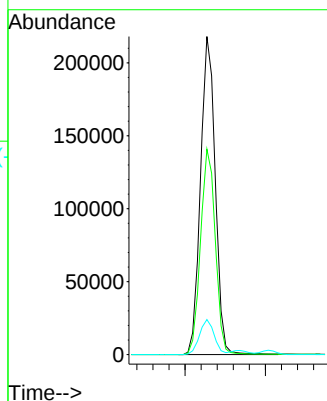
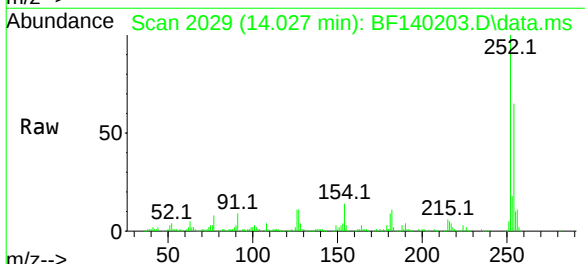
Tgt Ion:252 Resp: 278367

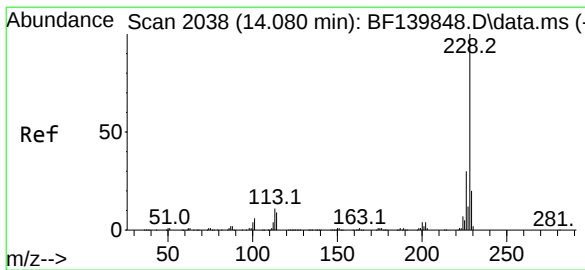
Ion Ratio Lower Upper

252 100

254 64.6 50.8 76.2

126 11.0 8.9 13.3





#83

Chrysene

Concen: 48.201 ng

RT: 14.104 min Scan# 2038

Delta R.T. 0.024 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164531BS

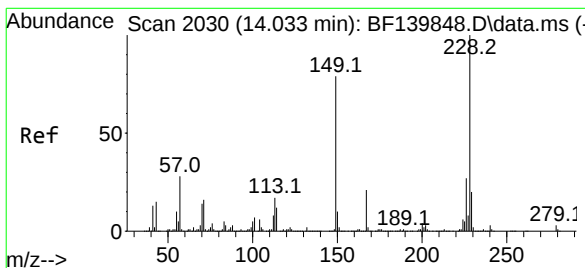
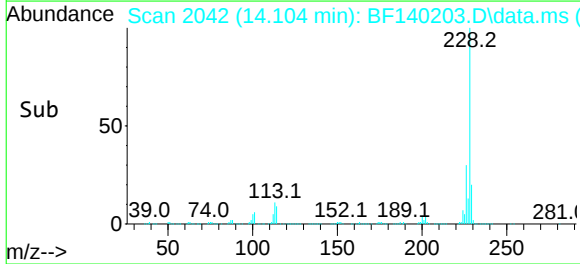
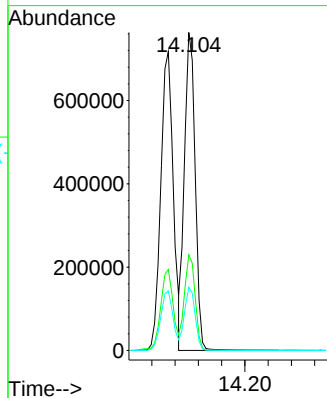
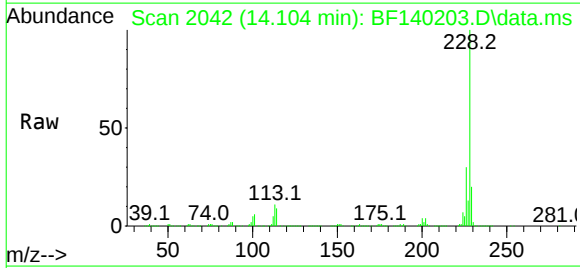
Tgt Ion:228 Resp: 984160
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.1 36.1
 229 19.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.657 ng

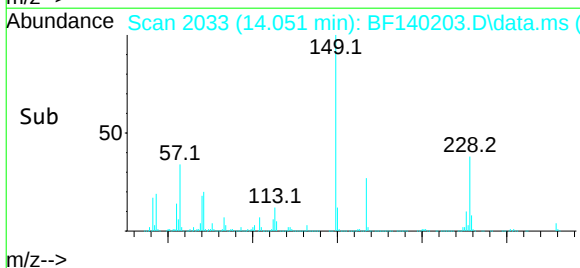
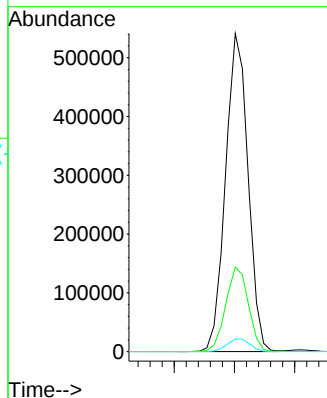
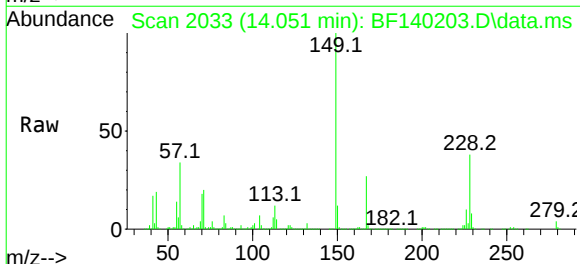
RT: 14.051 min Scan# 2033

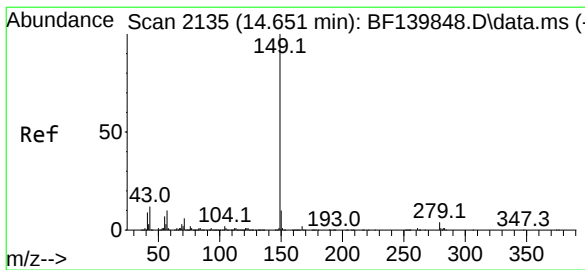
Delta R.T. 0.018 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

Tgt Ion:149 Resp: 701582
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.4 32.0
 279 4.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 60.342 ng

RT: 14.680 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion:149 Resp: 1105441

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

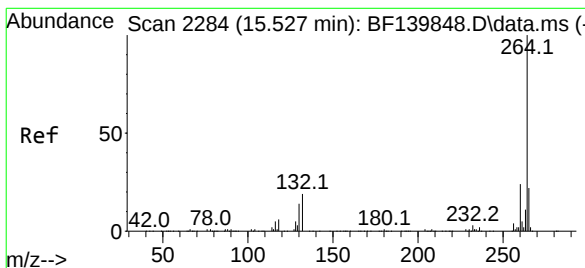
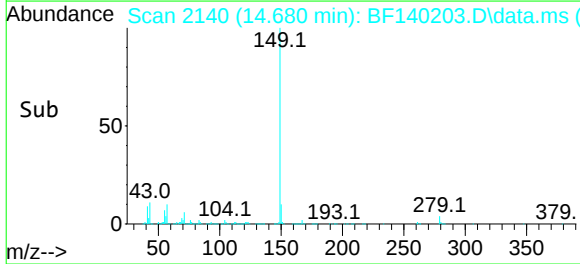
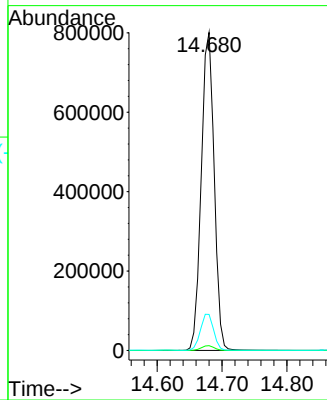
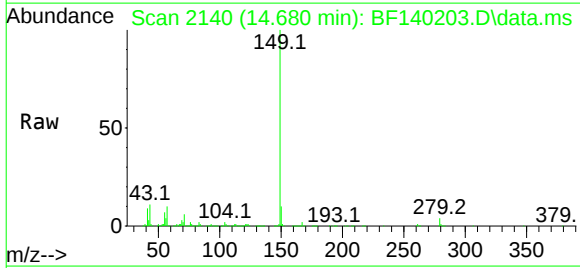
43 11.6 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2293

Delta R.T. 0.053 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

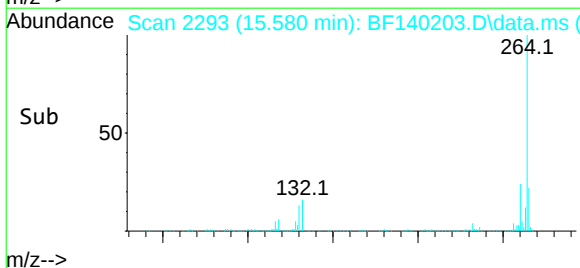
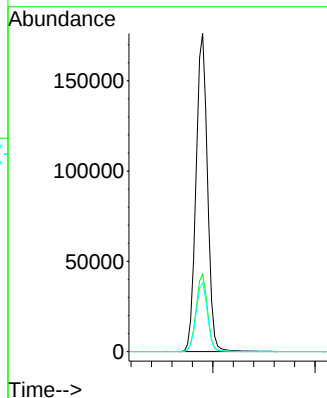
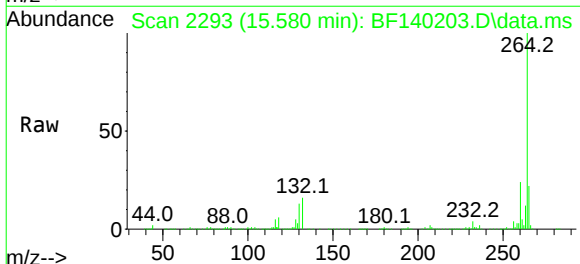
Tgt Ion:264 Resp: 274353

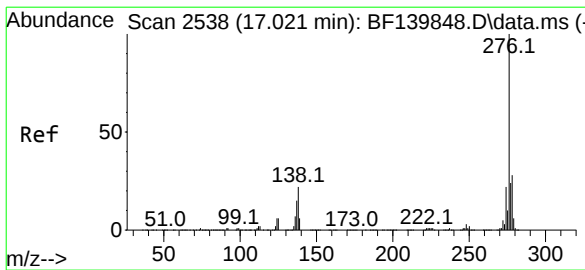
Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.7 17.4 26.0





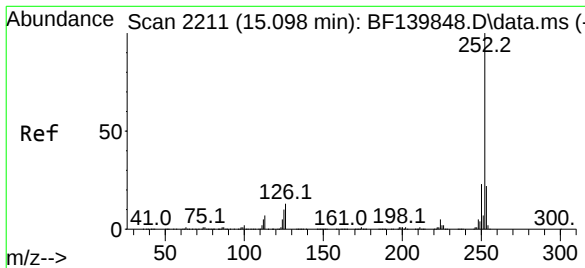
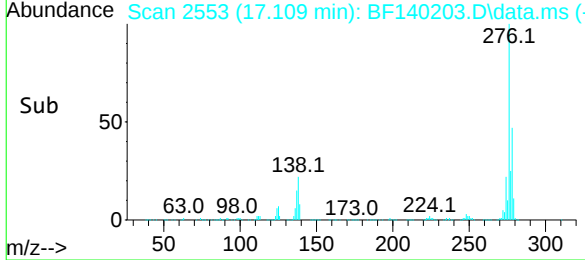
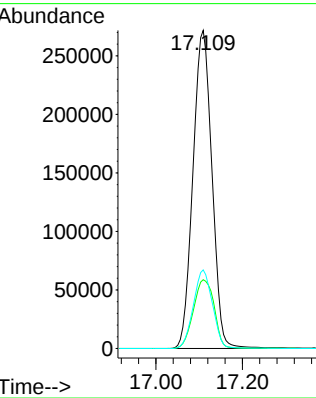
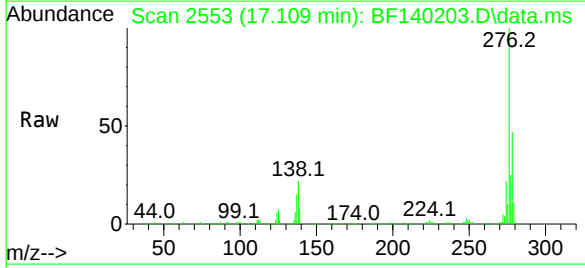
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.921 ng
 RT: 17.109 min Scan# 2538
 Delta R.T. 0.088 min
 Lab File: BF140203.D
 Acq: 01 Nov 2024 10:41

Instrument :
 BNA_F
 ClientSampleId :
 PB164531BS

Tgt Ion:	276	Resp:	828153
Ion Ratio	Lower	Upper	
276	100		
138	23.7	20.4	30.6
277	24.9	20.2	30.4

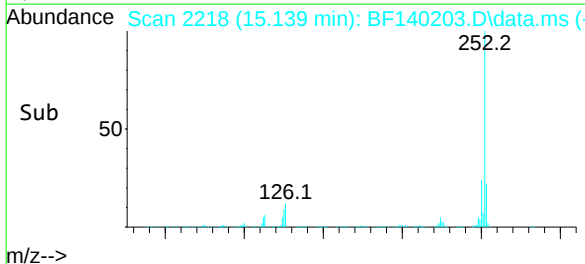
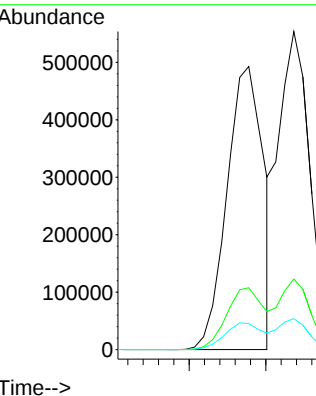
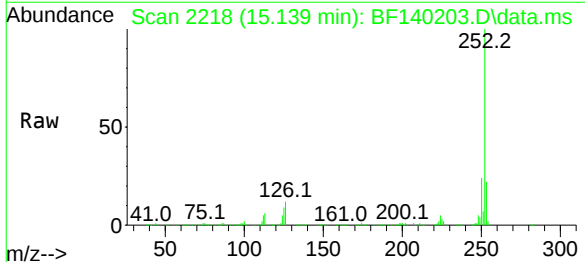
Manual Integrations
 APPROVED

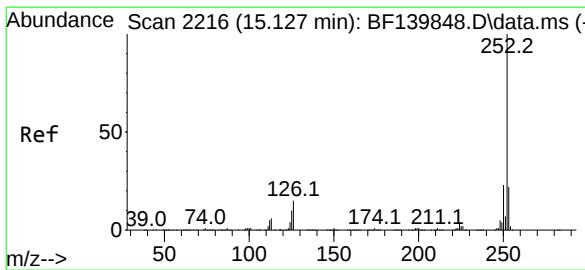
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#88
 Benzo(b)fluoranthene
 Concen: 48.473 ng
 RT: 15.139 min Scan# 2218
 Delta R.T. 0.041 min
 Lab File: BF140203.D
 Acq: 01 Nov 2024 10:41

Tgt Ion:	252	Resp:	810103
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	9.2	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 54.873 ng

RT: 15.168 min Scan# 2216

Delta R.T. 0.041 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion:252 Resp: 790884

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

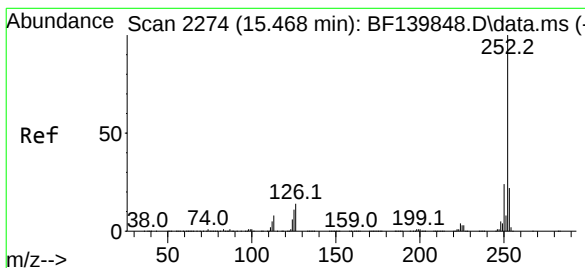
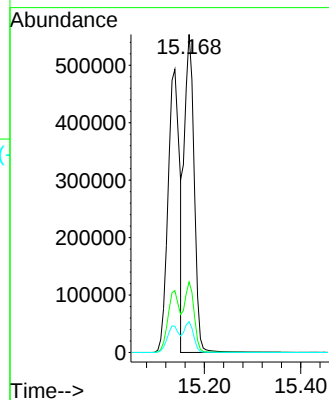
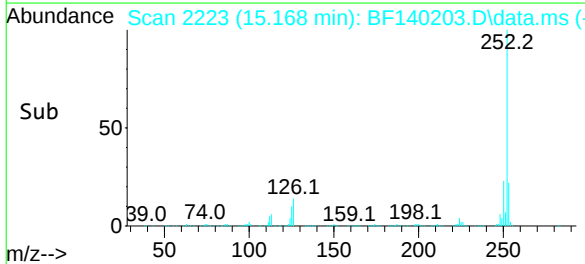
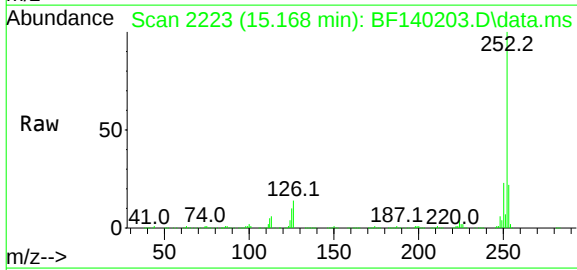
125 9.7 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#90

Benzo(a)pyrene

Concen: 52.128 ng

RT: 15.515 min Scan# 2282

Delta R.T. 0.047 min

Lab File: BF140203.D

Acq: 01 Nov 2024 10:41

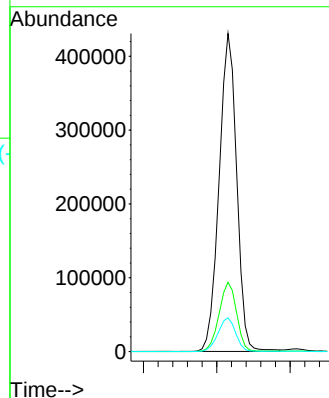
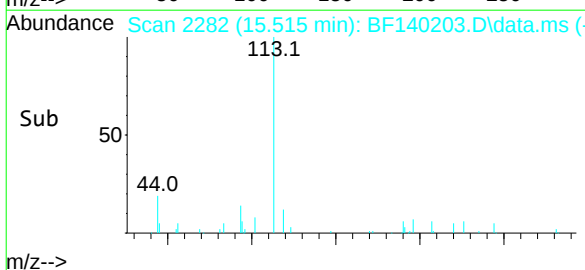
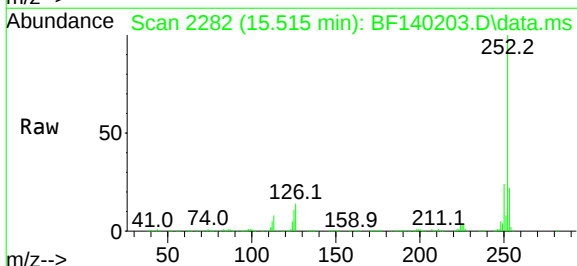
Tgt Ion:252 Resp: 716832

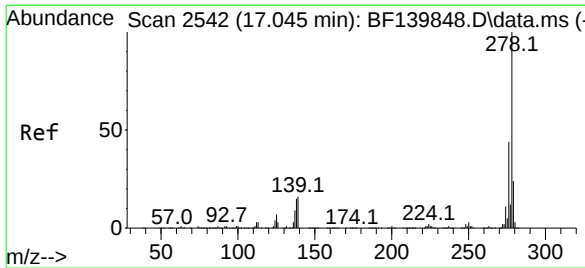
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

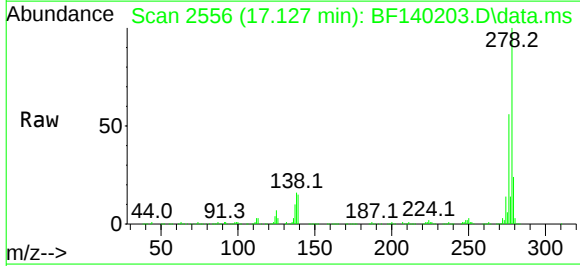
125 10.6 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 46.035 ng
RT: 17.127 min Scan# 2515
Delta R.T. 0.082 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41

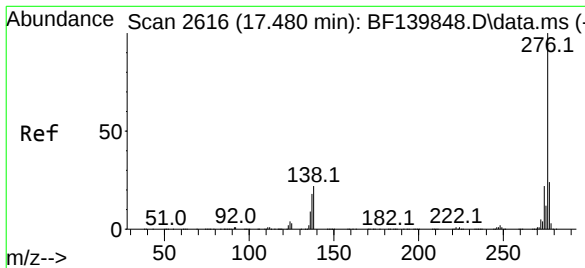
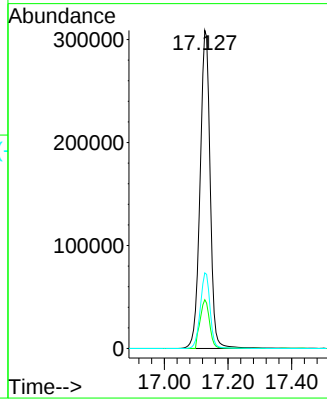
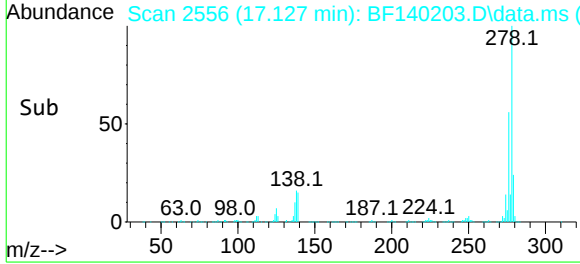
Instrument :
BNA_F
ClientSampleId :
PB164531BS



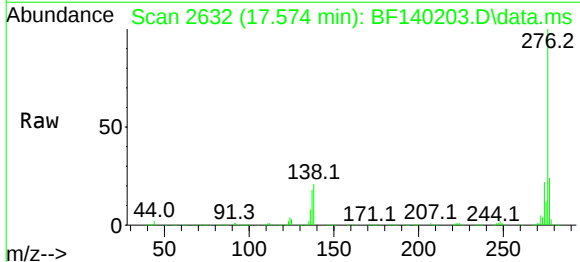
Tgt Ion:278 Resp: 677815
Ion Ratio Lower Upper
278 100
139 15.3 13.1 19.7
279 23.8 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#92
Benzo(g,h,i)perylene
Concen: 42.476 ng
RT: 17.574 min Scan# 2632
Delta R.T. 0.094 min
Lab File: BF140203.D
Acq: 01 Nov 2024 10:41



Tgt Ion:276 Resp: 624704
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 20.8 17.4 26.0

