

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140202.D
 Acq On : 01 Nov 2024 10:15
 Operator : RC/JU
 Sample : PB164558BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164558BS

Quant Time: Nov 01 11:18:22 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	141811	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	579596	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	329109	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	623259	20.000	ng	0.00
76) Chrysene-d12	14.074	240	394810	20.000	ng	0.02
86) Perylene-d12	15.574	264	324241	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1036445	114.416	ng	0.02
7) Phenol-d6	6.516	99	1335539	113.834	ng	0.00
23) Nitrobenzene-d5	7.451	82	910925	87.107	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	412715	134.069	ng	0.01
45) 2-Fluorobiphenyl	9.245	172	1614532	81.077	ng	0.00
79) Terphenyl-d14	13.016	244	1930006	79.656	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	133555	31.622	ng	99
3) Pyridine	3.522	79	344724	32.928	ng	97
4) n-Nitrosodimethylamine	3.487	42	227228	40.399	ng	# 94
6) Aniline	6.551	93	486247	44.470	ng	100
8) 2-Chlorophenol	6.669	128	421721	45.539	ng	99
9) Benzaldehyde	6.434	77	76239	11.551	ng	100
10) Phenol	6.528	94	537190m	44.413	ng	
11) bis(2-Chloroethyl)ether	6.622	93	415314	44.424	ng	98
12) 1,3-Dichlorobenzene	6.828	146	445567	41.914	ng	100
13) 1,4-Dichlorobenzene	6.904	146	451222	42.486	ng	98
14) 1,2-Dichlorobenzene	7.057	146	436039	43.991	ng	99
15) Benzyl Alcohol	7.022	79	401102	46.607	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	729372	45.754	ng	99
17) 2-Methylphenol	7.134	107	357238	45.240	ng	98
18) Hexachloroethane	7.398	117	167883	44.328	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	316534	44.484	ng	99
20) 3+4-Methylphenols	7.287	107	429500	42.524	ng	# 83
22) Acetophenone	7.292	105	581357	40.952	ng	95
24) Nitrobenzene	7.469	77	484476	42.255	ng	99
25) Isophorone	7.704	82	877268	44.198	ng	99
26) 2-Nitrophenol	7.781	139	224761	51.963	ng	98
27) 2,4-Dimethylphenol	7.816	122	356225	49.390	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	507643	42.214	ng	99
29) 2,4-Dichlorophenol	8.022	162	355487	43.272	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	369001	40.593	ng	99
31) Naphthalene	8.187	128	1235089	41.318	ng	100
32) Benzoic acid	7.939	122	273749	43.517	ng	99
33) 4-Chloroaniline	8.234	127	312033	30.613	ng	99
34) Hexachlorobutadiene	8.304	225	238473	41.753	ng	100
35) Caprolactam	8.616	113	109110m	41.770	ng	
36) 4-Chloro-3-methylphenol	8.716	107	413994	45.511	ng	100
37) 2-Methylnaphthalene	8.881	142	789184	43.108	ng	100
38) 1-Methylnaphthalene	8.981	142	736894	41.027	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	377935	42.566	ng	99
41) Hexachlorocyclopentadiene	9.034	237	486379	157.434	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	283966	45.173	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	280968	43.322	ng	98
46) 1,1'-Biphenyl	9.345	154	958578	41.840	ng	99
47) 2-Chloronaphthalene	9.375	162	768064	41.623	ng	99
48) 2-Nitroaniline	9.469	65	294307	52.148	ng	99
49) Acenaphthylene	9.792	152	1219325	45.707	ng	100
50) Dimethylphthalate	9.651	163	935222	45.622	ng	100
51) 2,6-Dinitrotoluene	9.716	165	207605	46.773	ng	98
52) Acenaphthene	9.963	154	873638	50.624	ng	99
53) 3-Nitroaniline	9.886	138	170303	37.207	ng	97
54) 2,4-Dinitrophenol	9.992	184	255962	134.000	ng	# 1
55) Dibenzofuran	10.139	168	1069090	43.178	ng	99
56) 4-Nitrophenol	10.051	139	362112	102.829	ng	96
57) 2,4-Dinitrotoluene	10.122	165	284689	52.158	ng	95
58) Fluorene	10.480	166	835136	44.284	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	240650	47.333	ng	99
60) Diethylphthalate	10.357	149	914530	45.437	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	417119	43.798	ng	98
62) 4-Nitroaniline	10.510	138	227675	52.666	ng	97
63) Azobenzene	10.633	77	960115	44.995	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	167497	65.885	ng	97
66) n-Nitrosodiphenylamine	10.592	169	780577	41.845	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	269239	41.933	ng	100
68) Hexachlorobenzene	11.033	284	303236	41.993	ng	97
69) Atrazine	11.122	200	263061	52.059	ng	99
70) Pentachlorophenol	11.227	266	379552	86.605	ng	100
71) Phenanthrene	11.451	178	1243011	42.222	ng	100
72) Anthracene	11.504	178	1270320	44.225	ng	100
73) Carbazole	11.657	167	1145850	42.893	ng	100
74) Di-n-butylphthalate	11.980	149	1405558	45.541	ng	100
75) Fluoranthene	12.639	202	1342278	45.101	ng	99
77) Benzidine	12.763	184	486388	74.921	ng	100
78) Pyrene	12.874	202	1365751	39.519	ng	100
80) Butylbenzylphthalate	13.492	149	563822	54.418	ng	100
81) Benzo(a)anthracene	14.063	228	1149166	44.713	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	280859	37.480	ng	98
83) Chrysene	14.104	228	1034892	43.917	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	742409	63.867	ng	99
85) Di-n-octyl phthalate	14.668	149	1185744	56.081	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	873757	41.888	ng	98
88) Benzo(b)fluoranthene	15.127	252	897299	45.430	ng	100
89) Benzo(k)fluoranthene	15.163	252	808073	47.439	ng	99
90) Benzo(a)pyrene	15.510	252	769877	47.371	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	713366	40.995	ng	98
92) Benzo(g,h,i)perylene	17.568	276	655826	37.731	ng	99

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

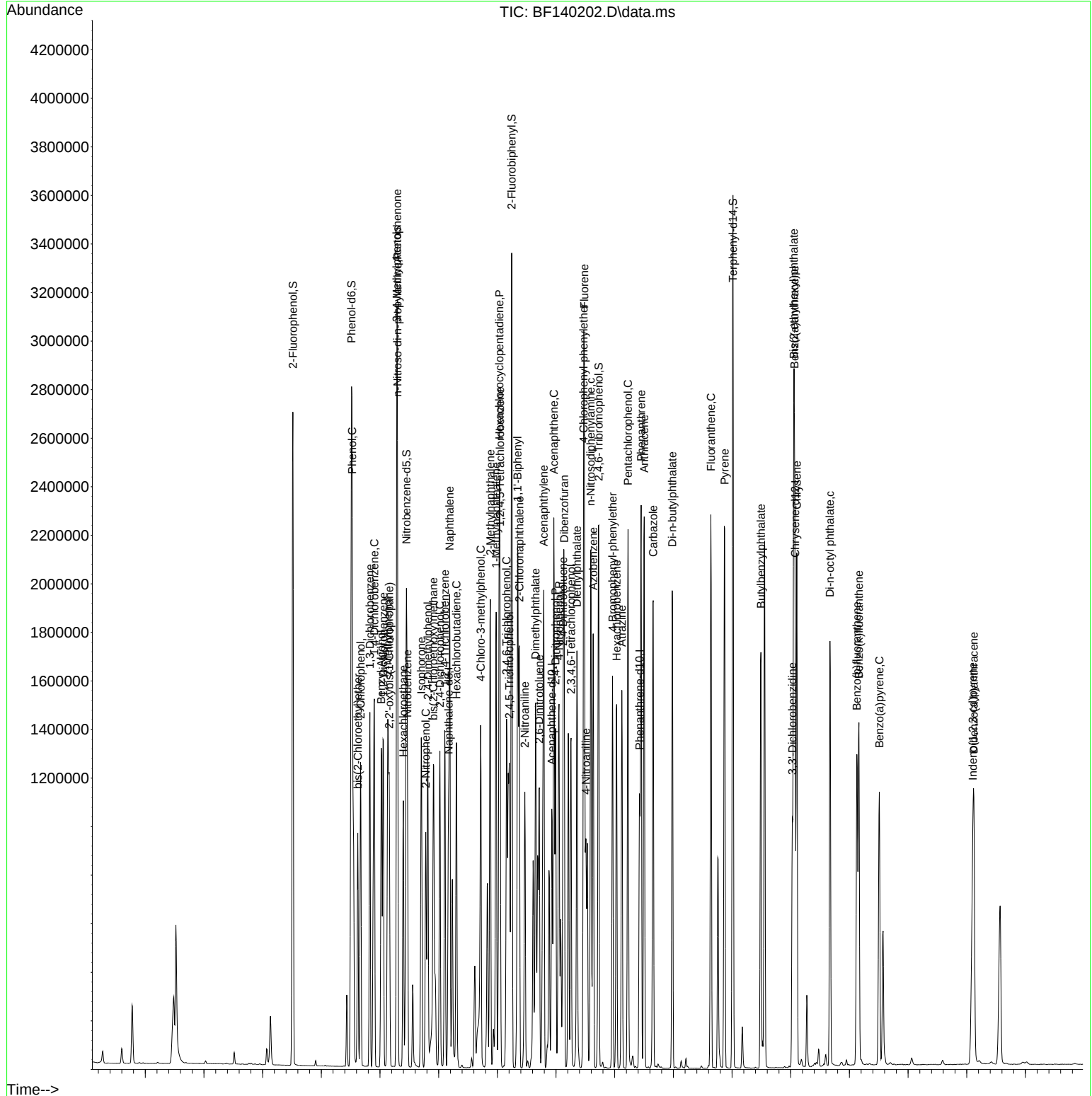
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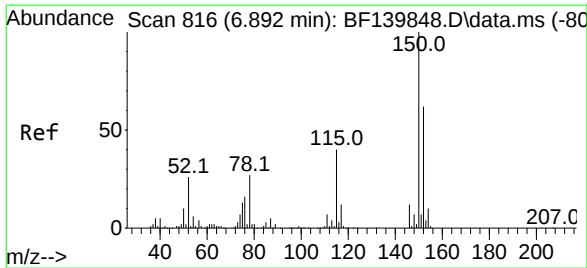
Instrument :
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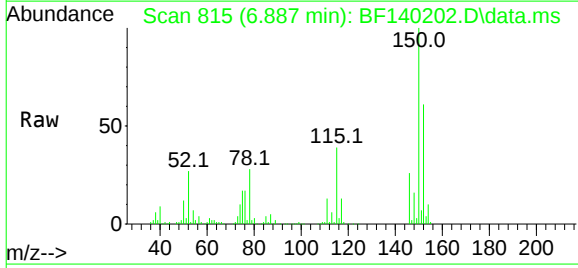
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

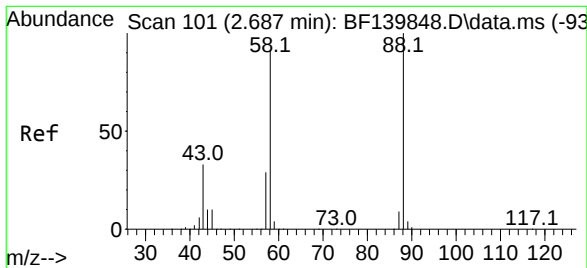
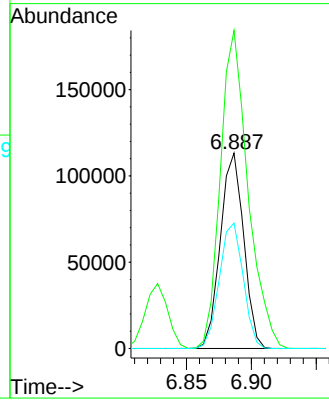
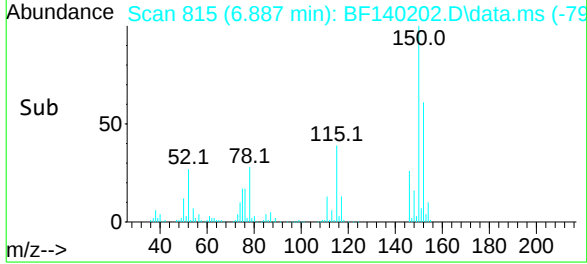
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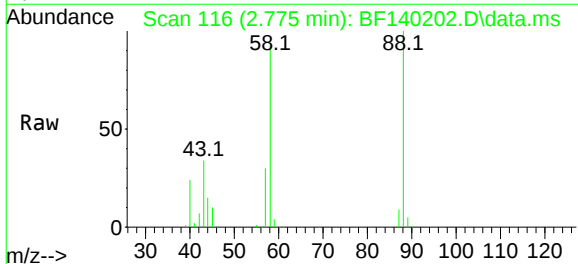
Tgt Ion:152 Resp: 141811
Ion Ratio Lower Upper
152 100
150 162.8 130.2 195.2
115 64.2 51.4 77.2

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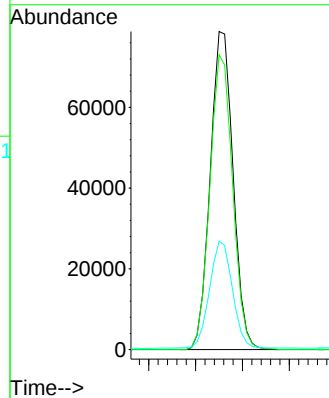
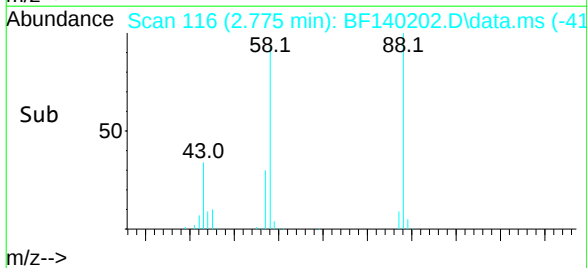
Reviewed By :Yogesh Patel 11/04/2024
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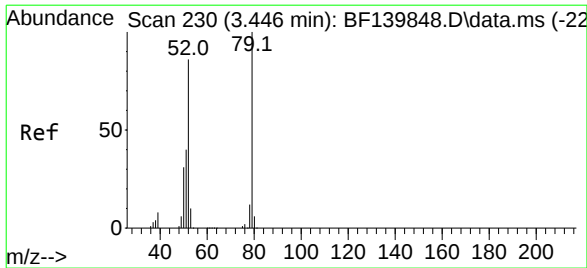


#2
1,4-Dioxane
Concen: 31.622 ng
RT: 2.775 min Scan# 116
Delta R.T. 0.088 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15



Tgt Ion: 88 Resp: 133555
Ion Ratio Lower Upper
88 100
58 92.4 73.3 109.9
43 34.2 27.1 40.7





#3

Pyridine

Concen: 32.928 ng

RT: 3.522 min Scan# 24

Delta R.T. 0.077 min

Lab File: BF140202.D

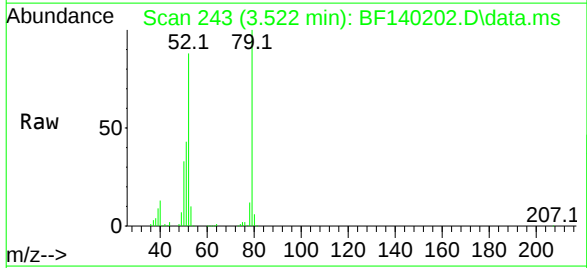
Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS



Tgt Ion: 79 Resp: 344724

Ion Ratio Lower Upper

79 100

52 88.1 68.5 102.7

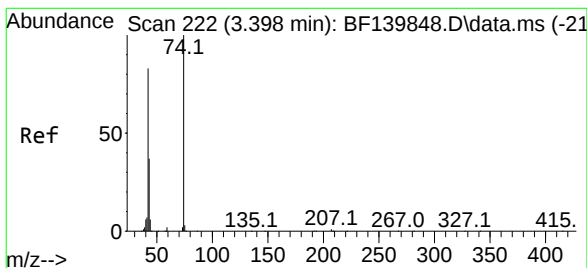
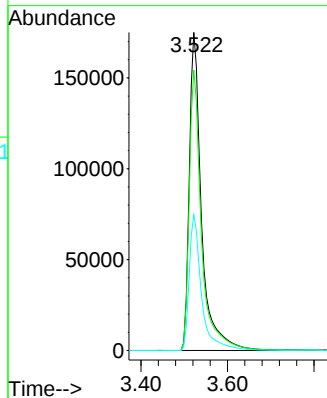
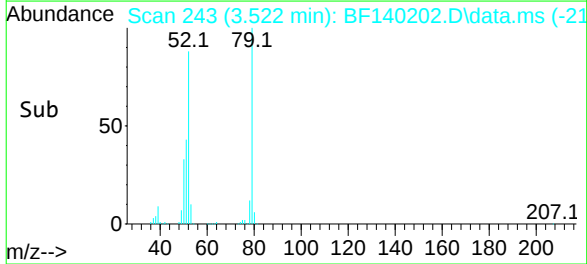
51 42.6 32.3 48.5

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#4

n-Nitrosodimethylamine

Concen: 40.399 ng

RT: 3.487 min Scan# 237

Delta R.T. 0.088 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

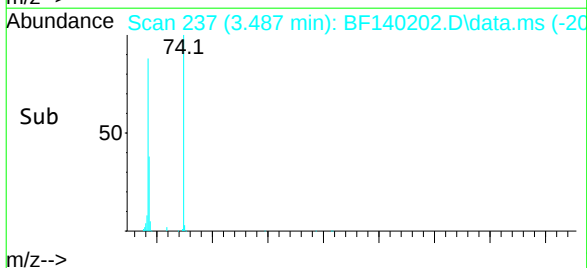
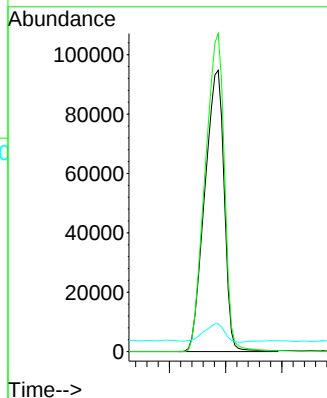
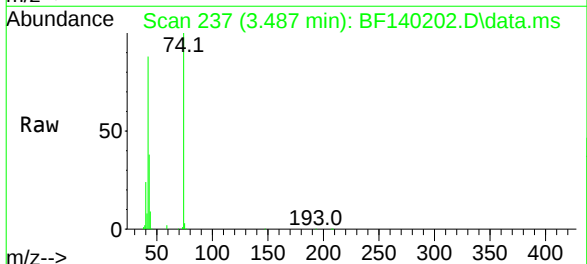
Tgt Ion: 42 Resp: 227228

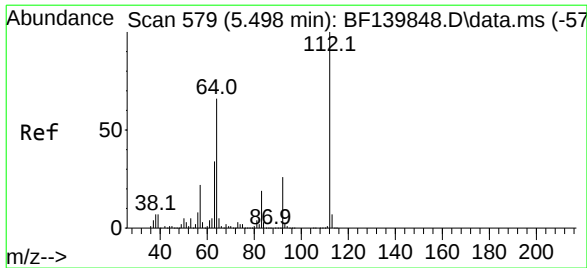
Ion Ratio Lower Upper

42 100

74 113.1 96.2 144.4

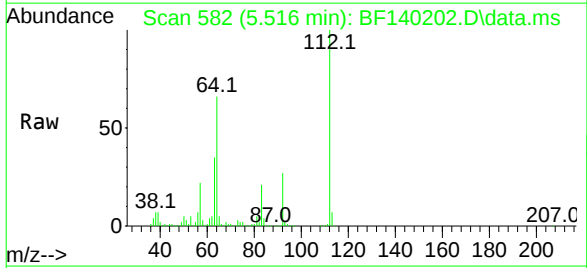
44 9.9 6.2 9.2#





#5
2-Fluorophenol
Concen: 114.416 ng
RT: 5.516 min Scan# 58
Delta R.T. 0.018 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

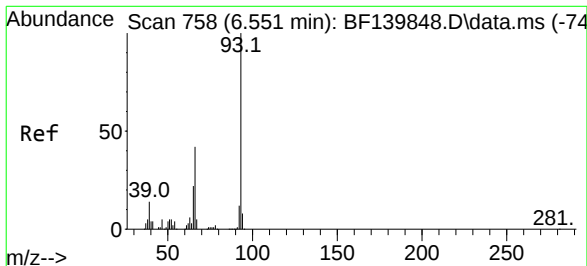
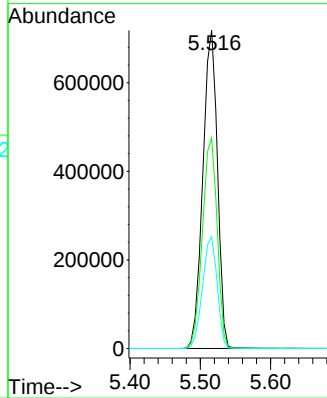
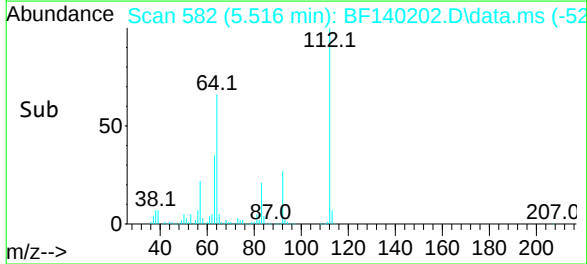
Instrument :
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ClientSampleId :
PB164558BS



Tgt Ion: 112 Resp: 1036445
Ion Ratio Lower Upper
112 100
64 66.2 53.0 79.6
63 35.1 27.0 40.4

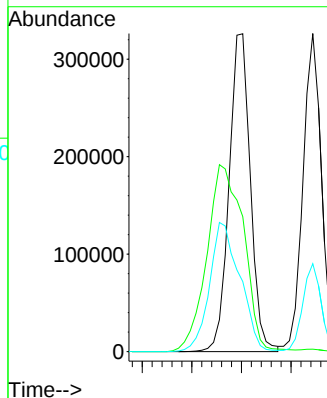
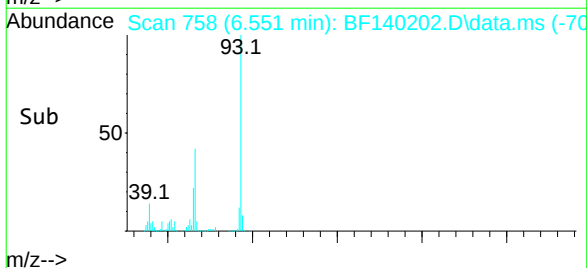
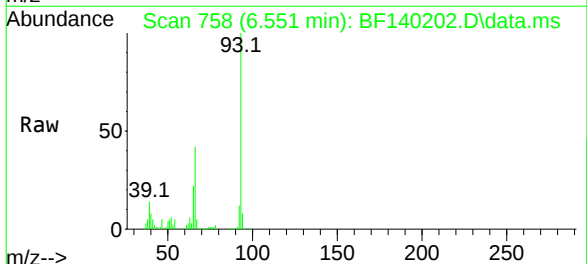
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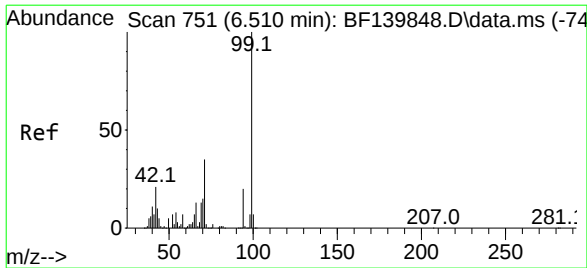
Reviewed By :Yogesh Patel 11/04/2024
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#6
Aniline
Concen: 44.470 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Tgt Ion: 93 Resp: 486247
Ion Ratio Lower Upper
93 100
66 42.5 34.0 51.0
65 22.0 17.4 26.0





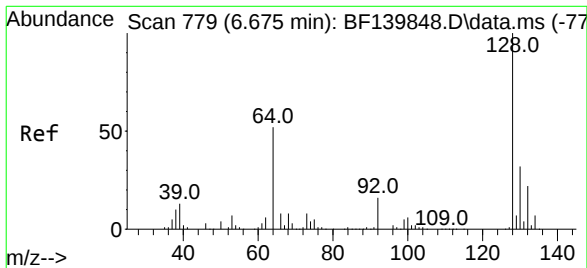
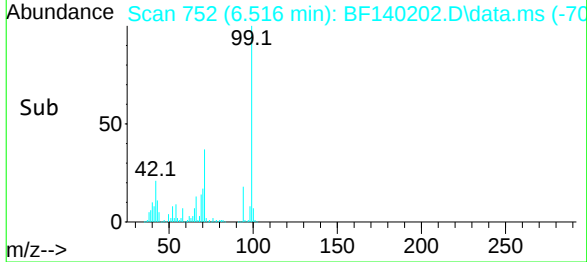
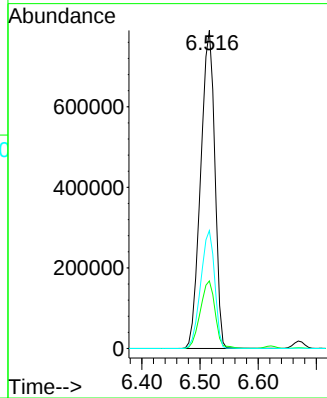
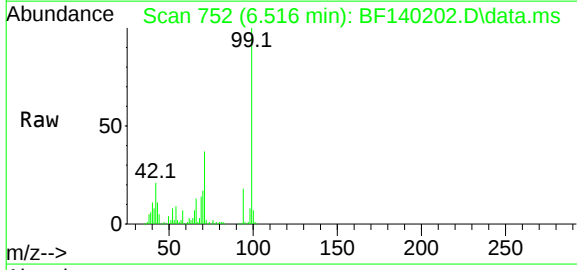
#7
Phenol-d6
Concen: 113.834 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB164558BS

Tgt Ion: 99 Resp: 1335539
Ion Ratio Lower Upper
99 100
42 21.2 16.7 25.1
71 37.1 27.7 41.5

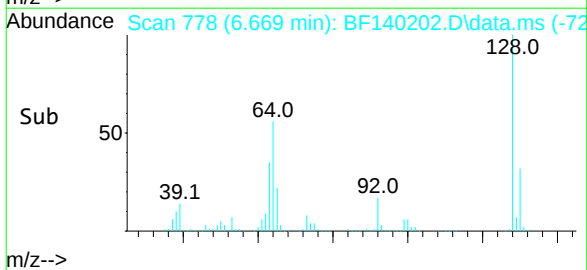
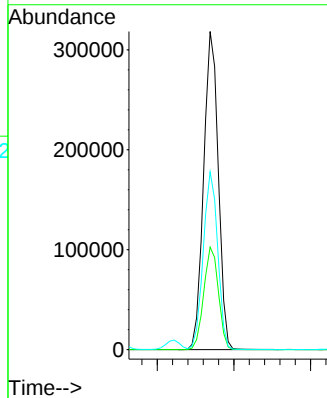
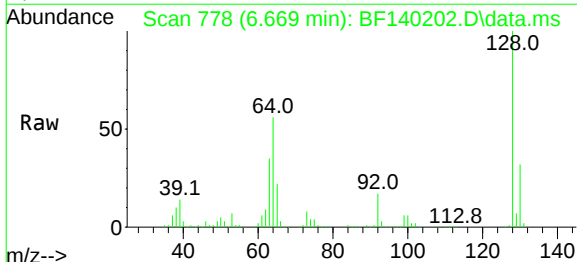
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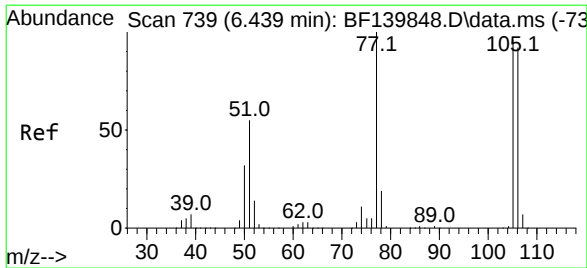
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#8
2-Chlorophenol
Concen: 45.539 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Tgt Ion:128 Resp: 421721
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 55.9 34.6 74.6





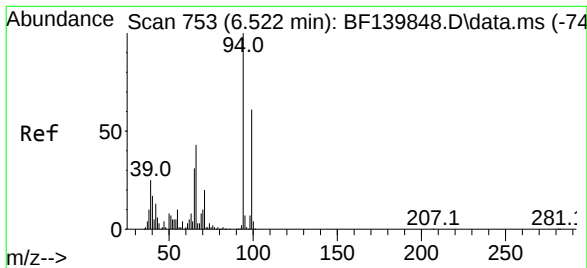
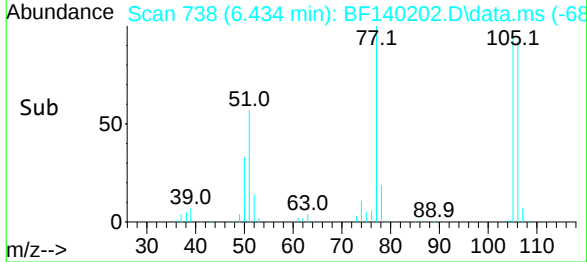
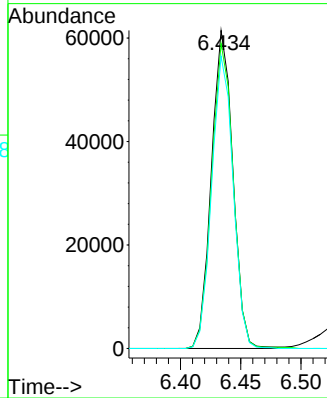
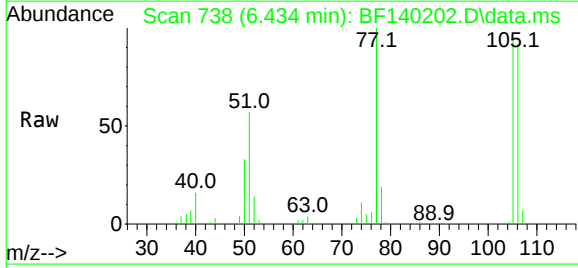
#9
Benzaldehyde
Concen: 11.551 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.005 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

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Tgt Ion: 77 Resp: 76239
Ion Ratio Lower Upper
77 100
105 95.9 75.5 115.5
106 91.9 71.7 111.7

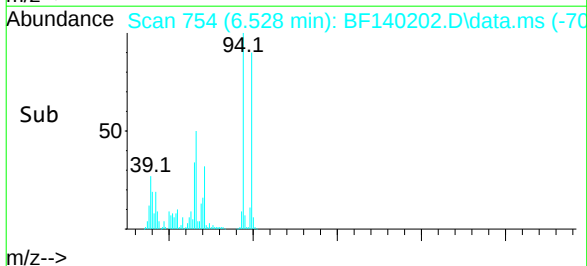
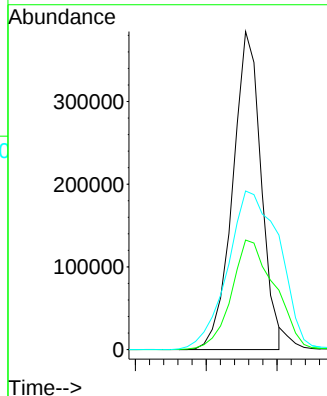
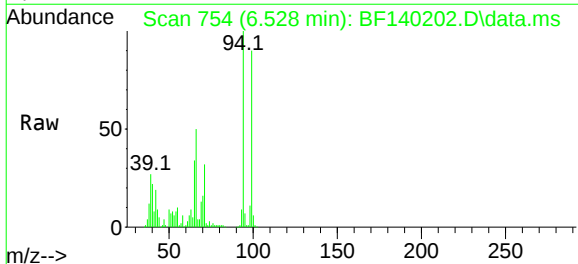
Manual Integrations
APPROVED

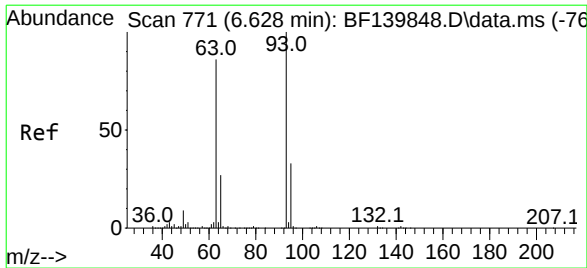
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 44.413 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

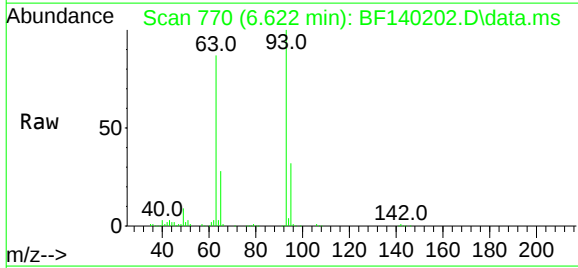
Tgt Ion: 94 Resp: 537190
Ion Ratio Lower Upper
94 100
65 34.4 11.1 51.1
66 49.9 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 44.424 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

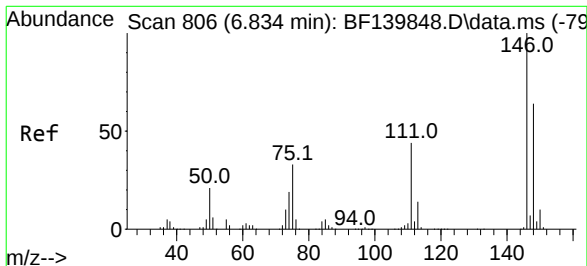
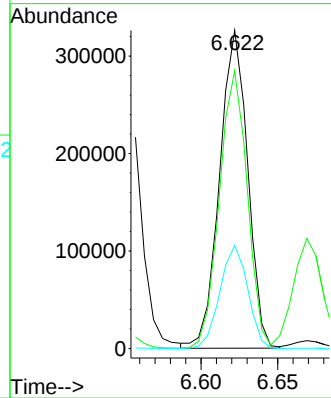
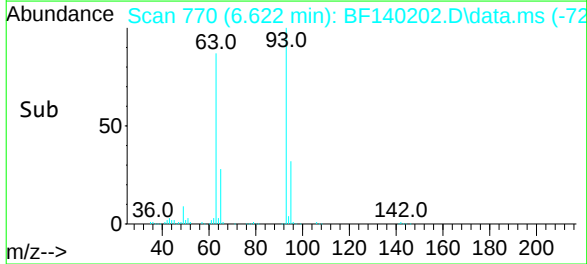
Instrument :
BNA_F
ClientSampleId :
PB164558BS



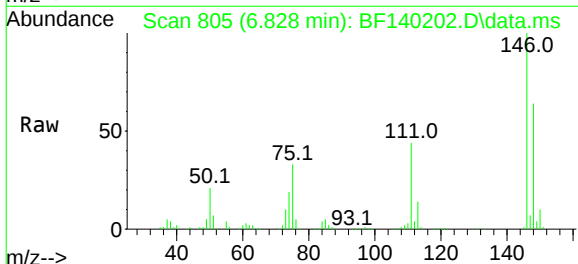
Tgt Ion: 93 Resp: 415314
Ion Ratio Lower Upper
93 100
63 87.3 65.0 105.0
95 32.5 12.4 52.4

Manual Integrations
APPROVED

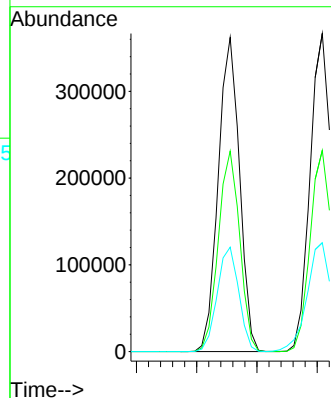
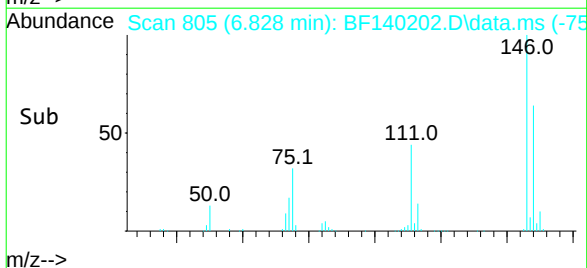
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

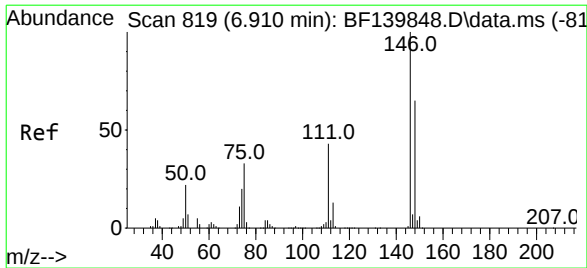


#12
1,3-Dichlorobenzene
Concen: 41.914 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15



Tgt Ion:146 Resp: 445567
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 33.2 26.4 39.6





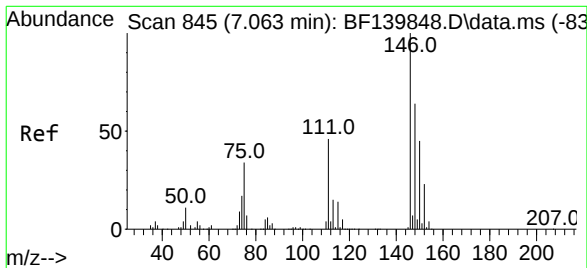
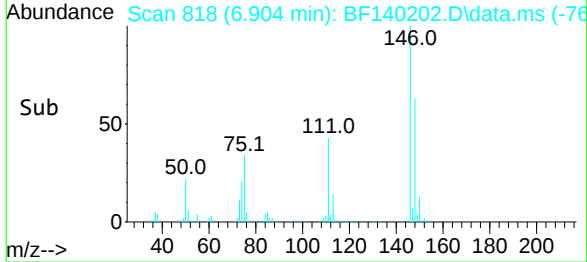
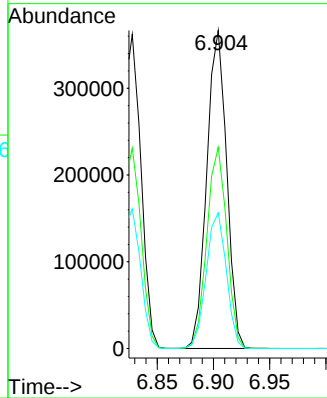
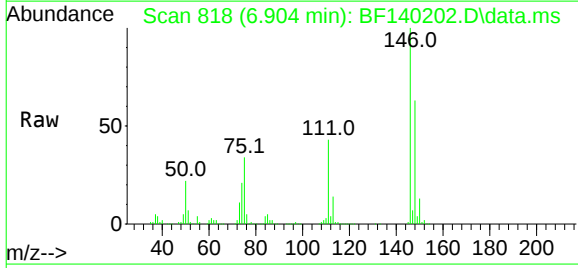
#13
1,4-Dichlorobenzene
Concen: 42.486 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB164558BS

Tgt Ion:146 Resp: 451222
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
111 42.7 34.6 51.8

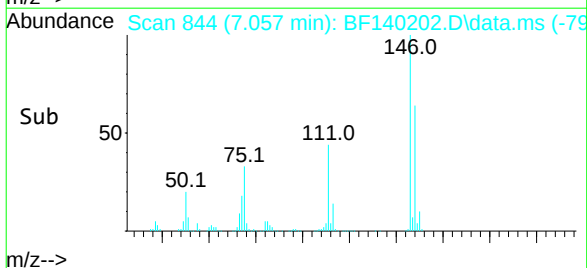
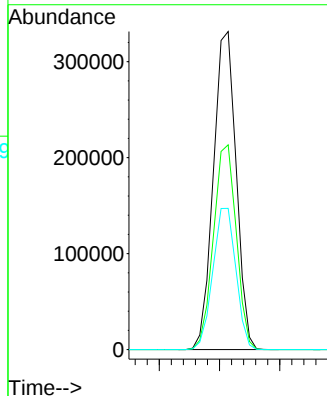
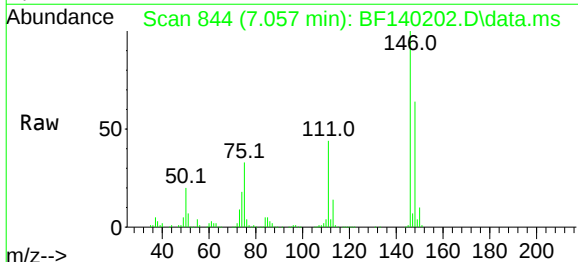
Manual Integrations
APPROVED

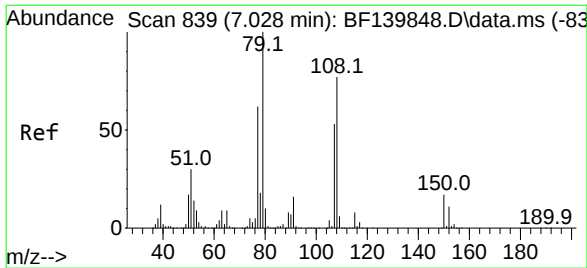
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 43.991 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Tgt Ion:146 Resp: 436039
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 44.4 36.7 55.1





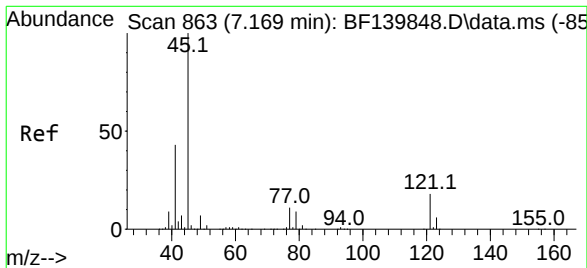
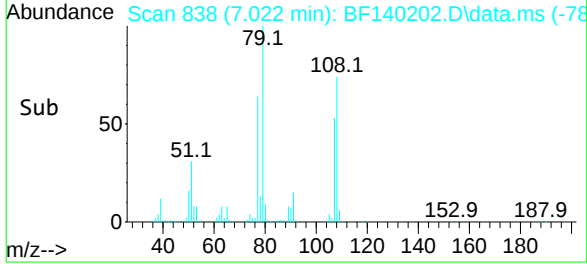
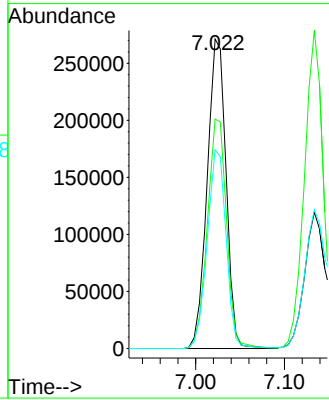
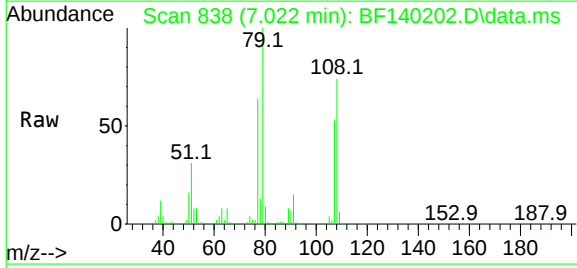
#15
Benzyl Alcohol
Concen: 46.607 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB164558BS

Tgt Ion: 79 Resp: 401102
Ion Ratio Lower Upper
79 100
108 74.1 61.4 92.0
77 64.2 49.9 74.9

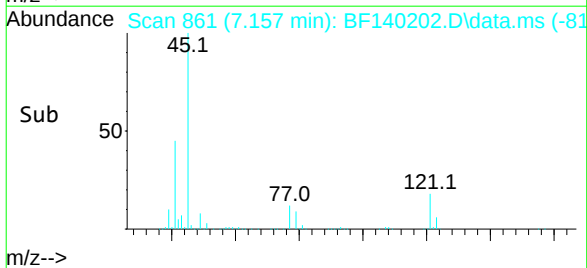
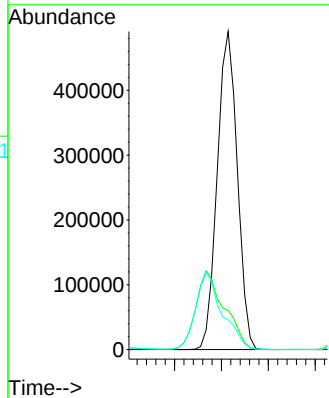
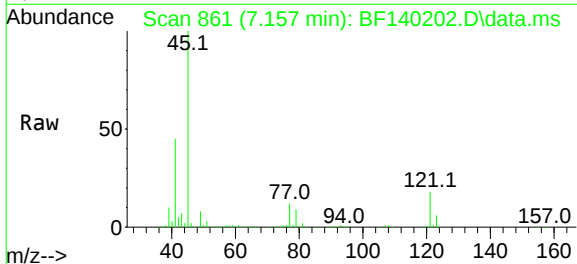
Manual Integrations
APPROVED

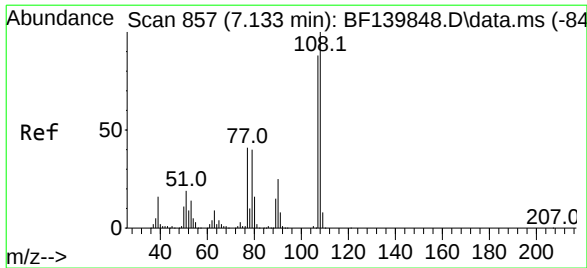
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.754 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

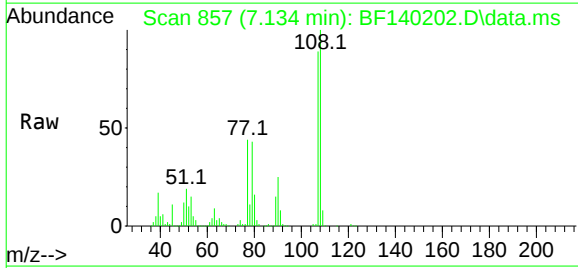
Tgt Ion: 45 Resp: 729372
Ion Ratio Lower Upper
45 100
77 12.3 0.0 31.5
79 9.4 0.0 29.1





#17
2-Methylphenol
Concen: 45.240 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

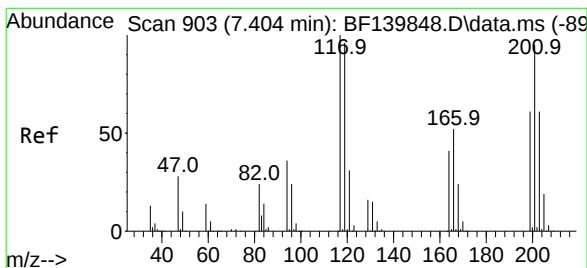
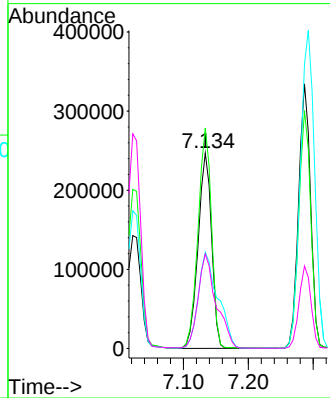
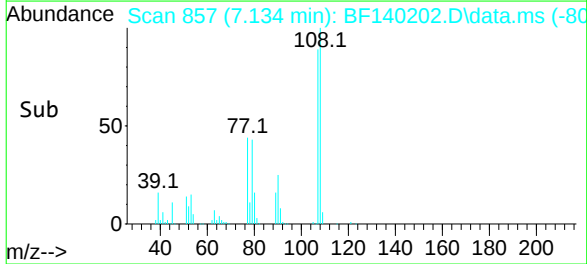
Instrument :
BNA_F
ClientSampleId :
PB164558BS



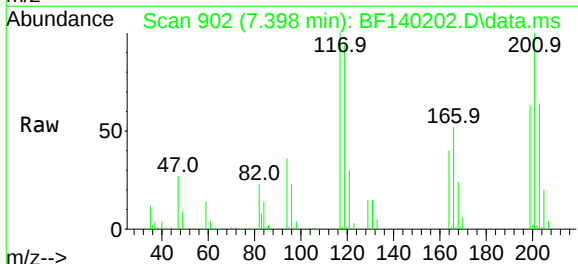
Tgt Ion:107 Resp: 357238
Ion Ratio Lower Upper
107 100
108 112.8 91.3 136.9
77 49.2 37.1 55.7
79 48.3 37.0 55.6

Manual Integrations
APPROVED

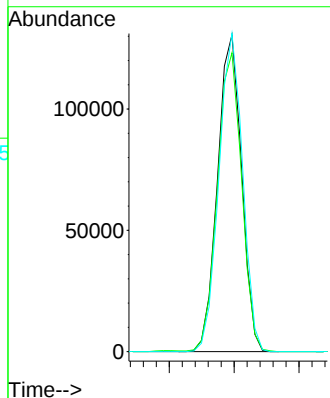
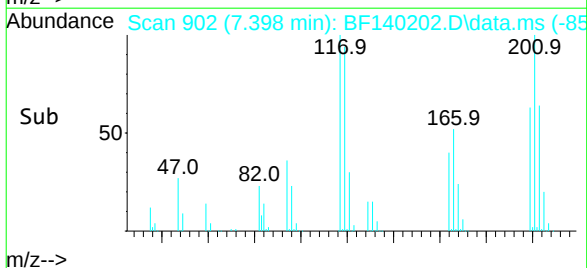
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

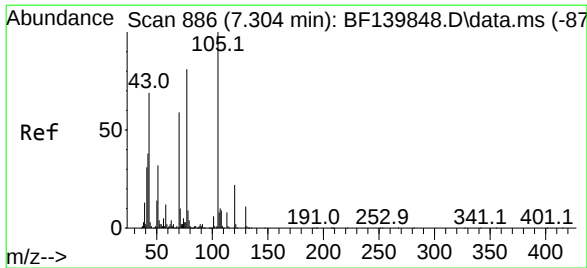


#18
Hexachloroethane
Concen: 44.328 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15



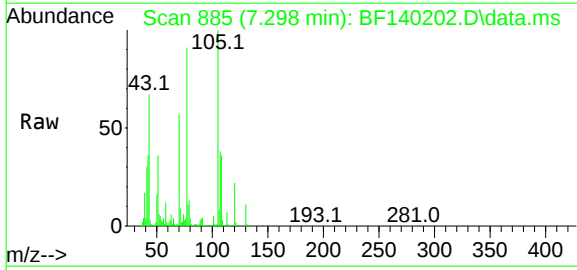
Tgt Ion:117 Resp: 167883
Ion Ratio Lower Upper
117 100
119 94.3 77.0 115.4
201 100.4 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 44.484 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

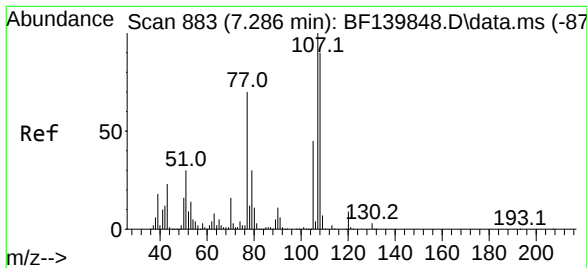
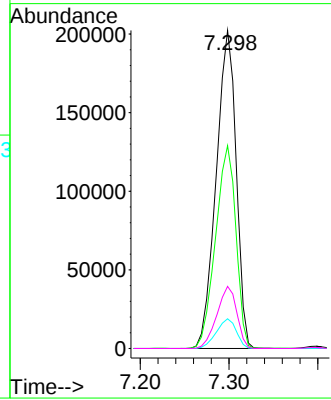
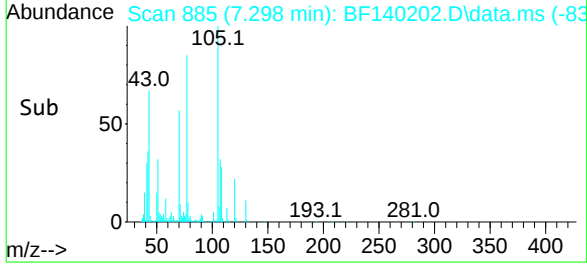
Instrument :
BNA_F
ClientSampleId :
PB164558BS



Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.8	51.5	77.3
101	9.3	7.5	11.3
130	19.5	15.5	23.3

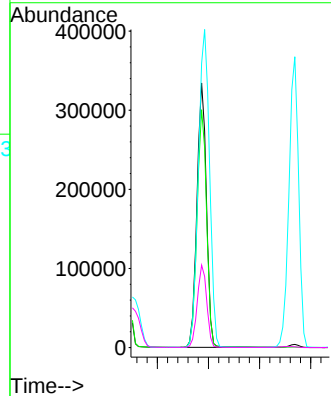
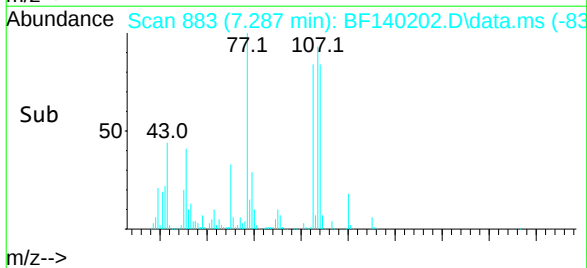
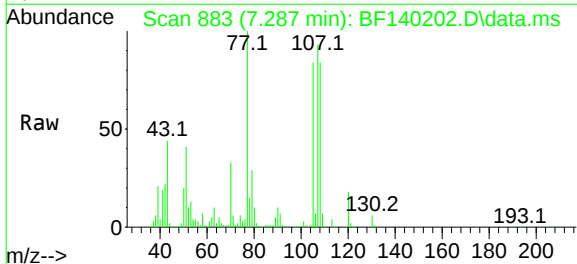
Manual Integrations
APPROVED

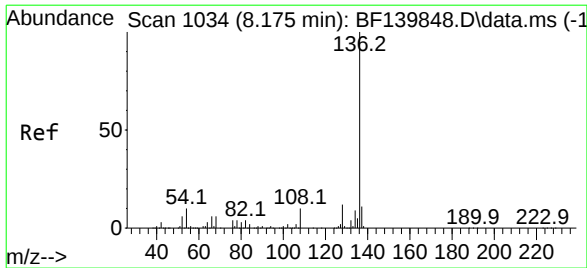
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#20
3+4-Methylphenols
Concen: 42.524 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.8	109.8
77	107.4	50.5	90.5#
79	31.2	10.2	50.2





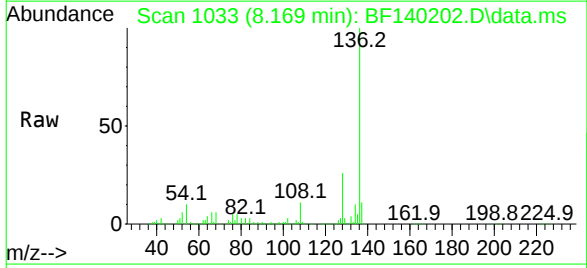
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS



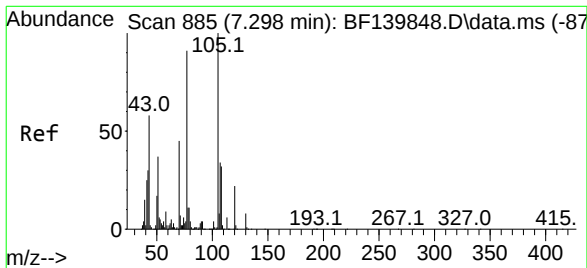
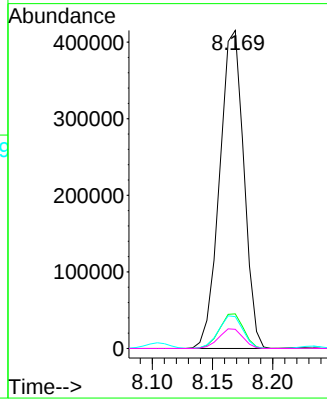
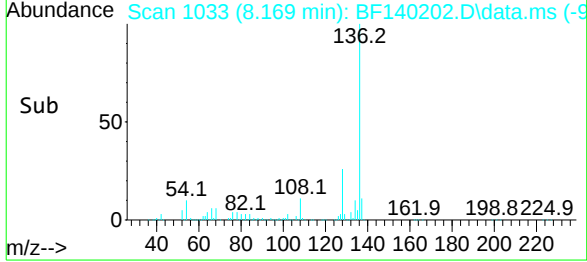
Tgt Ion:136 Resp: 579596
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.0 8.4 12.6
68 6.0 5.1 7.7

Manual Integrations

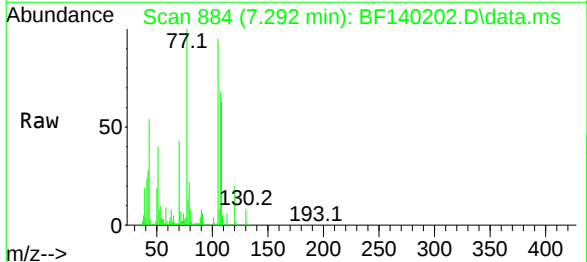
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

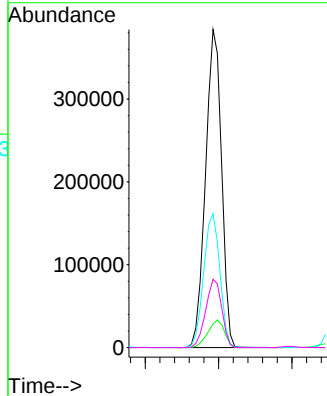
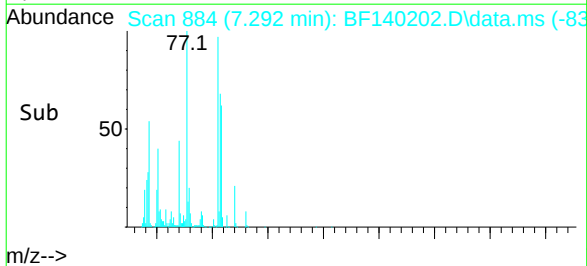
Supervised By :mohammad ahmed 11/04/2024

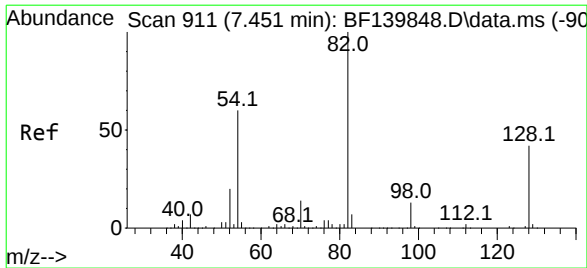


#22
Acetophenone
Concen: 40.952 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15



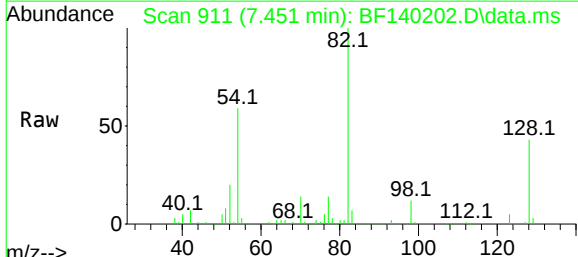
Tgt Ion:105 Resp: 581357
Ion Ratio Lower Upper
105 100
71 7.5 5.9 8.9
51 42.1 29.4 44.2
120 21.5 17.5 26.3





#23
Nitrobenzene-d5
Concen: 87.107 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

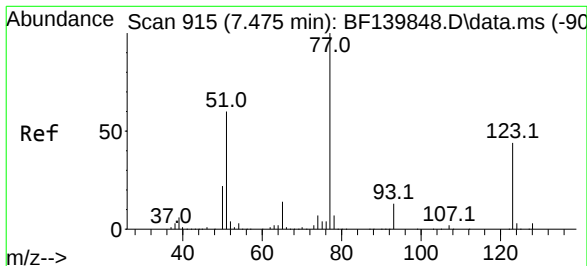
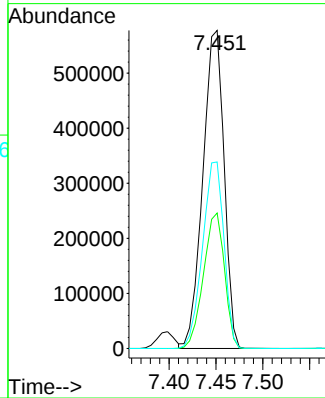
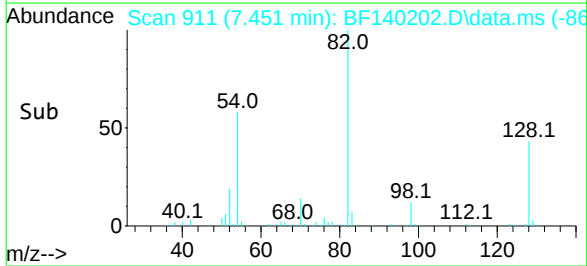
Instrument :
BNA_F
ClientSampleId :
PB164558BS



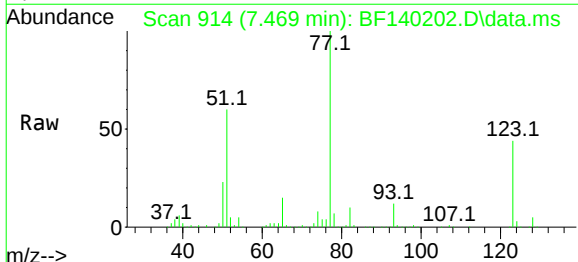
Tgt Ion: 82 Resp: 910925
Ion Ratio Lower Upper
82 100
128 42.6 33.4 50.0
54 58.6 47.8 71.8

Manual Integrations
APPROVED

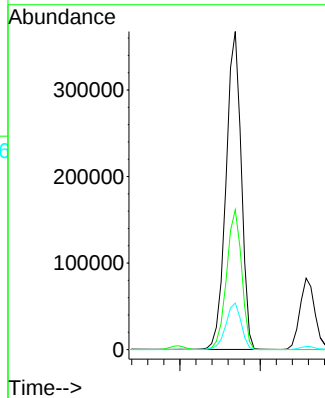
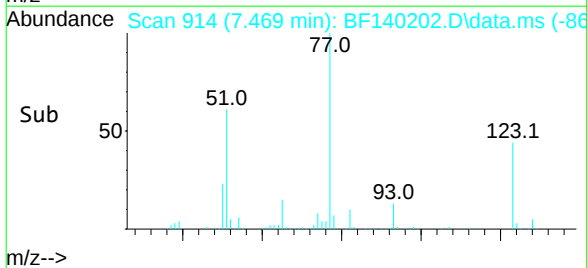
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

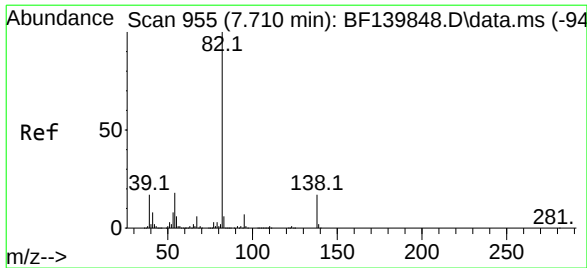


#24
Nitrobenzene
Concen: 42.255 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15



Tgt Ion: 77 Resp: 484476
Ion Ratio Lower Upper
77 100
123 44.0 35.7 53.5
65 14.6 11.5 17.3





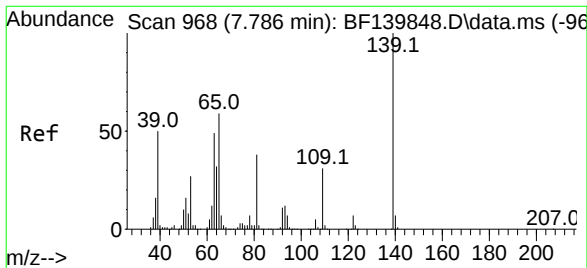
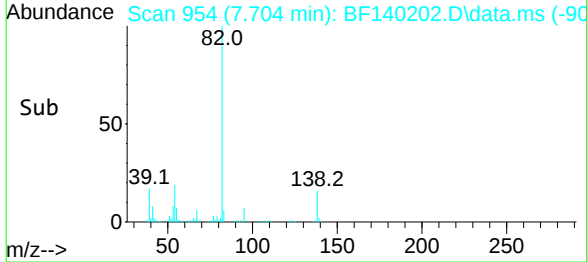
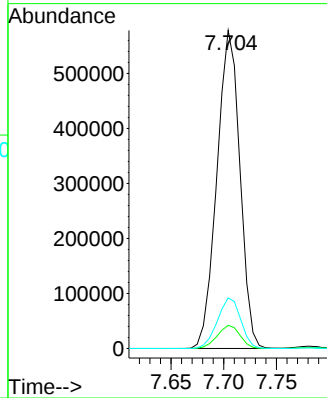
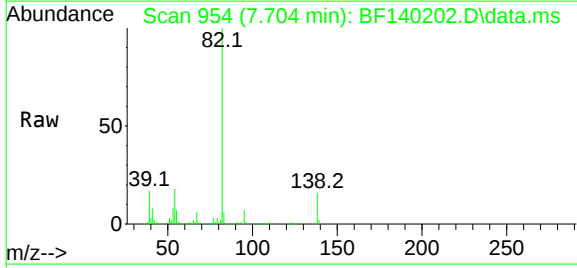
#25
Isophorone
Concen: 44.198 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB164558BS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.5	8.3
138	15.9	13.2	19.8

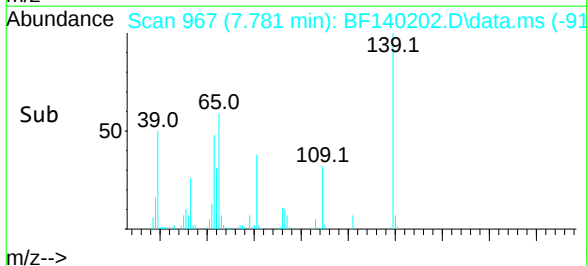
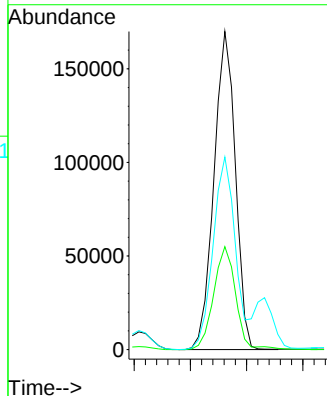
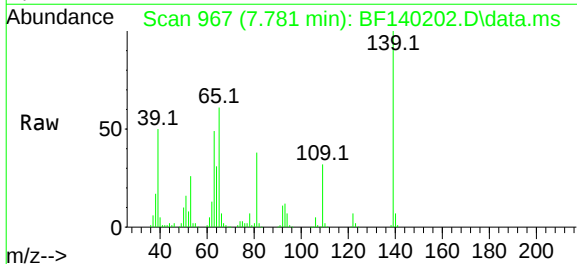
Manual Integrations
APPROVED

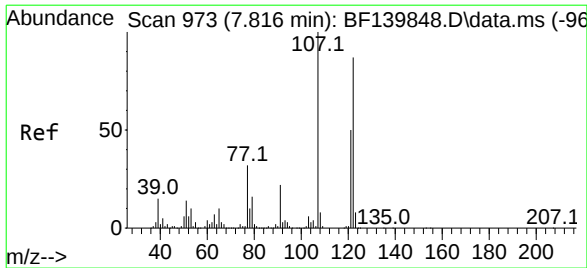
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 51.963 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

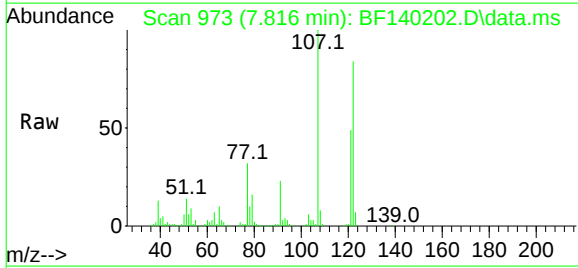
Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.4	25.1	37.7
65	60.5	47.5	71.3





#27
2,4-Dimethylphenol
Concen: 49.390 ng
RT: 7.816 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

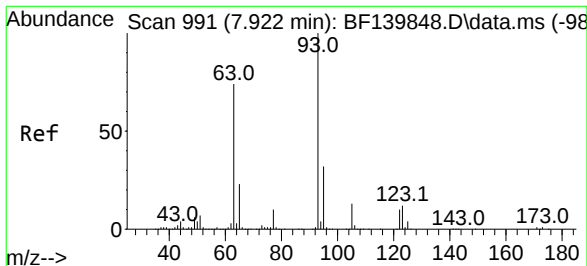
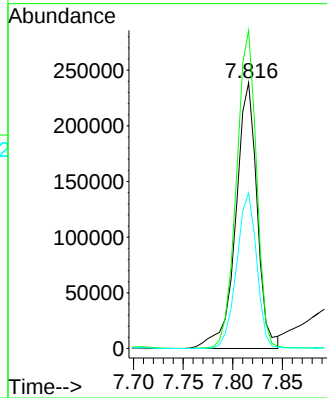
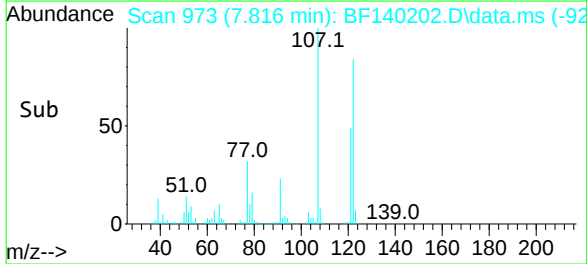
Instrument :
BNA_F
ClientSampleId :
PB164558BS



Tgt Ion:122 Resp: 356225
Ion Ratio Lower Upper
122 100
107 119.7 91.9 137.9
121 58.5 46.2 69.4

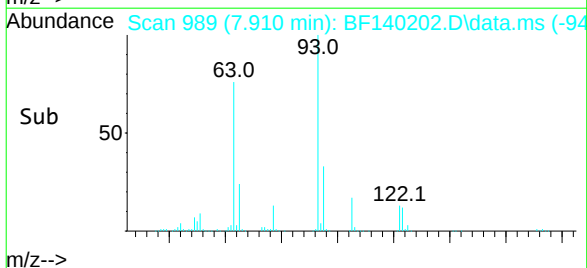
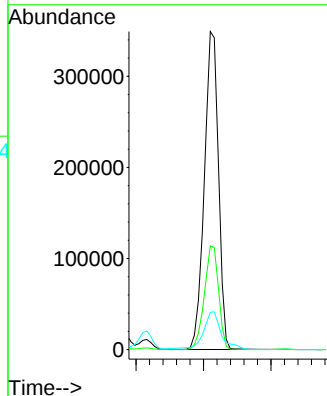
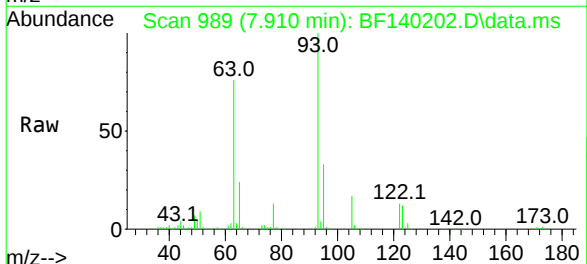
Manual Integrations
APPROVED

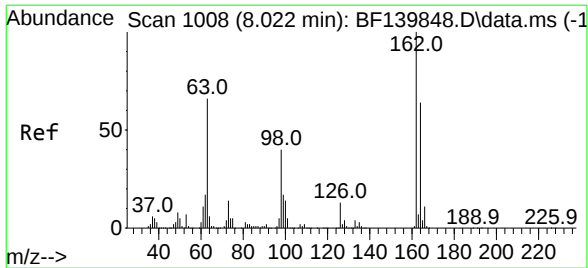
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 42.214 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Tgt Ion: 93 Resp: 507643
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.7 9.8 14.8





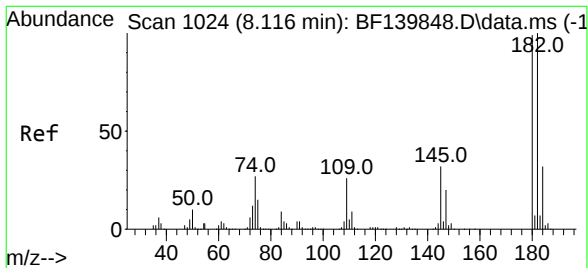
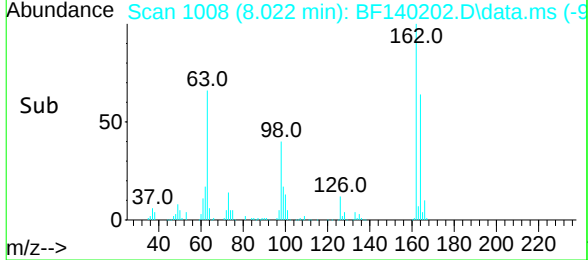
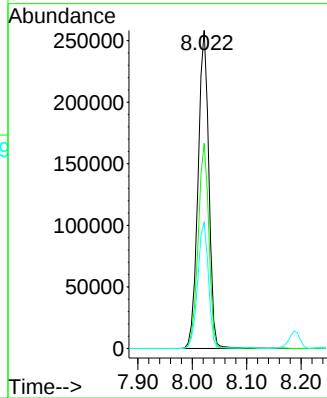
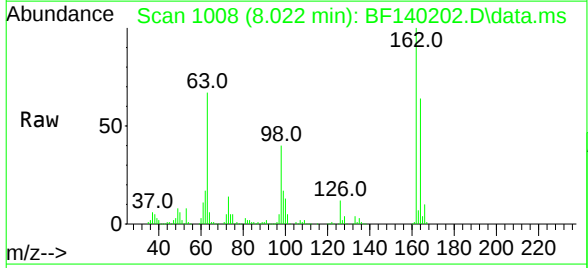
#29
2,4-Dichlorophenol
Concen: 43.272 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB164558BS

Tgt Ion:	162	Resp:	355487
Ion Ratio	Lower	Upper	
162	100		
164	64.5	43.9	83.9
98	39.6	19.9	59.9

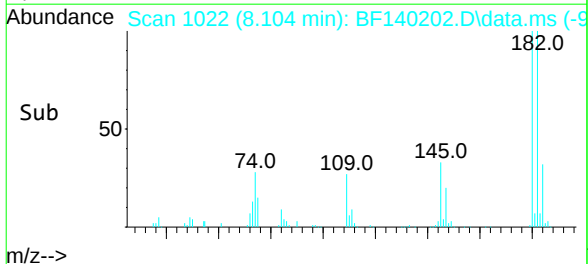
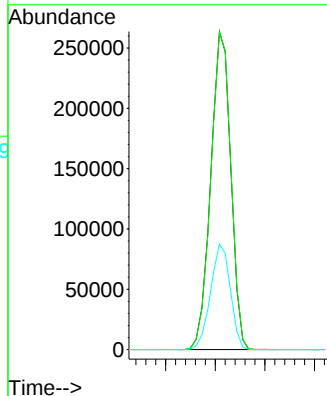
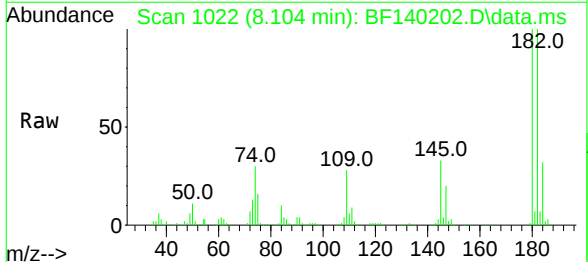
Manual Integrations
APPROVED

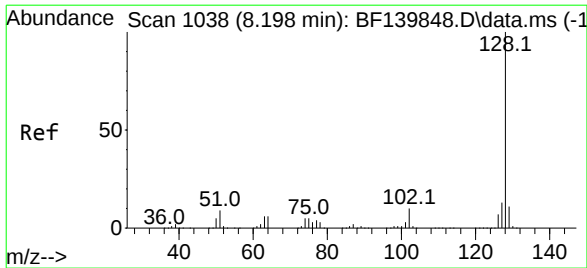
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#30
1,2,4-Trichlorobenzene
Concen: 40.593 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Tgt Ion:	180	Resp:	369001
Ion Ratio	Lower	Upper	
180	100		
182	99.9	80.5	120.7
145	33.2	25.4	38.0





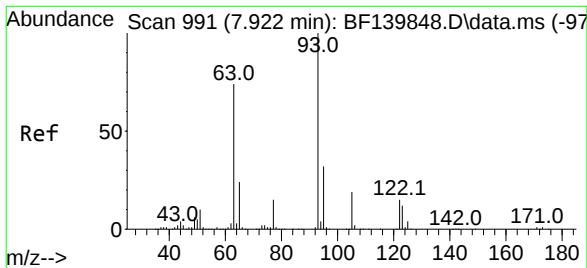
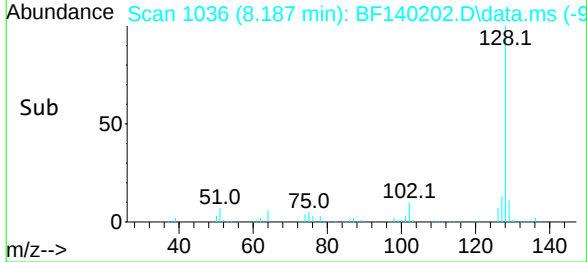
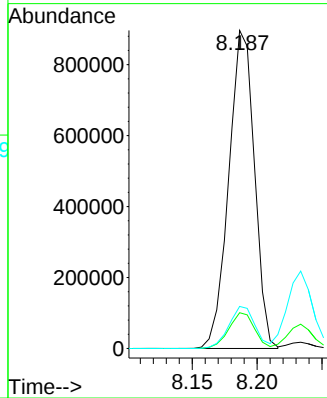
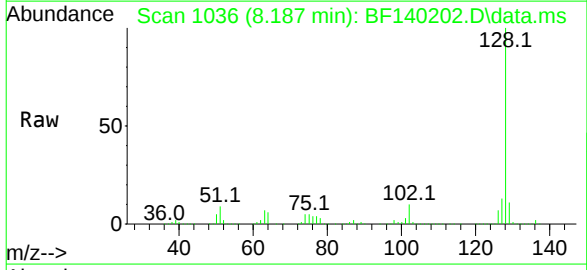
#31
Naphthalene
Concen: 41.318 ng
RT: 8.187 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB164558BS

Tgt Ion:128 Resp: 1235089
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 16.0

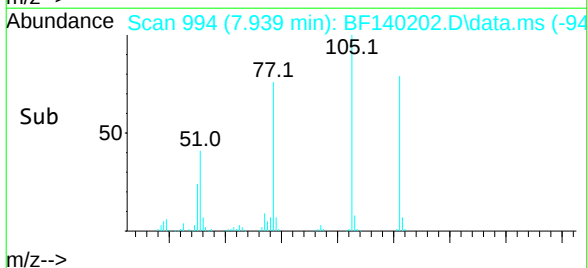
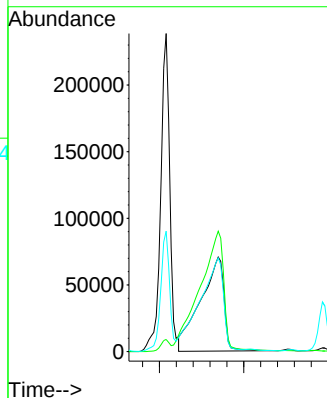
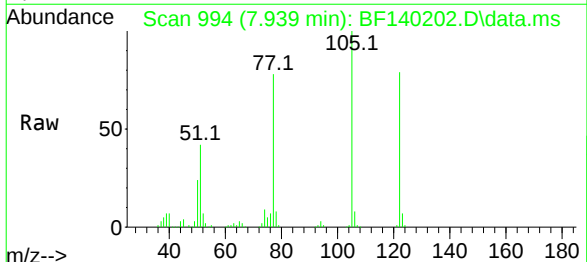
Manual Integrations
APPROVED

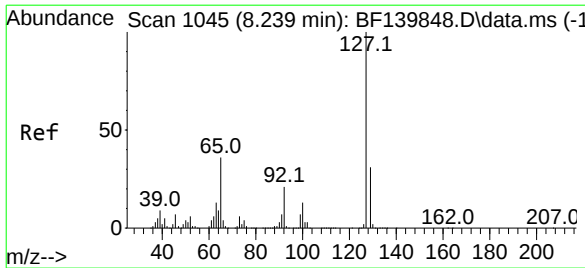
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 43.517 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Tgt Ion:122 Resp: 273749
Ion Ratio Lower Upper
122 100
105 127.4 107.6 147.6
77 99.1 80.2 120.2





#33
4-Chloroaniline
Concen: 30.613 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS

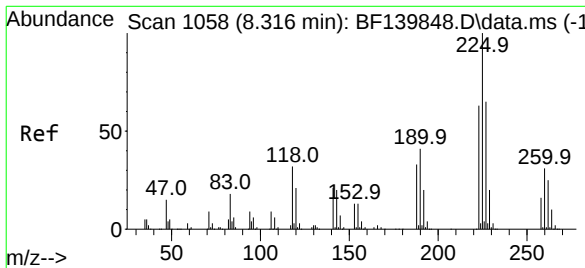
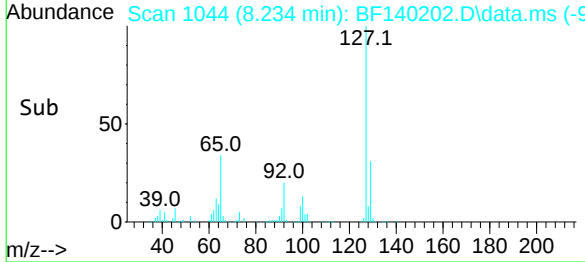
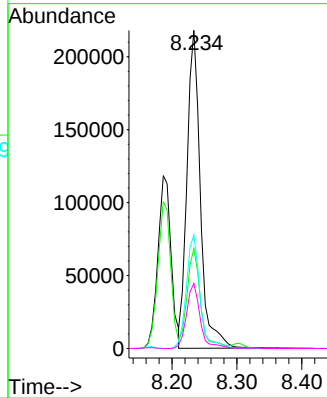
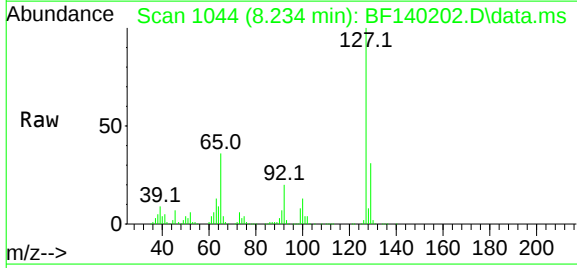
Tgt Ion:	127	Resp:	312033
Ion Ratio	Lower	Upper	
127	100		
129	31.4	25.4	38.2
65	35.7	28.4	42.6
92	20.5	16.6	25.0

Manual Integrations

APPROVED

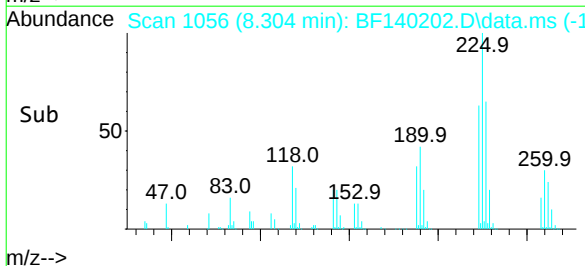
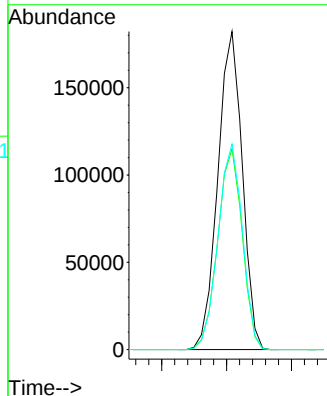
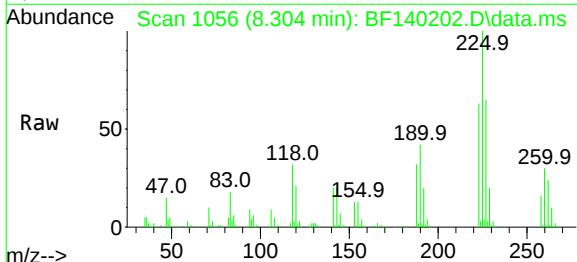
Reviewed By :Yogesh Patel 11/04/2024

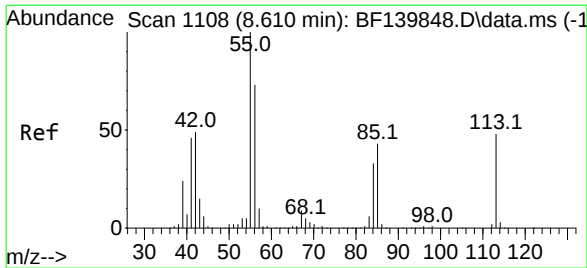
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 41.753 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.012 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Tgt Ion:	225	Resp:	238473
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.6	76.0
227	64.6	51.8	77.8





#35

Caprolactam

Concen: 41.770 ng m

RT: 8.616 min Scan# 1108

Delta R.T. 0.006 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS

Tgt Ion:113 Resp: 109110

Ion Ratio Lower Upper

113 100

55 215.0 189.2 229.2

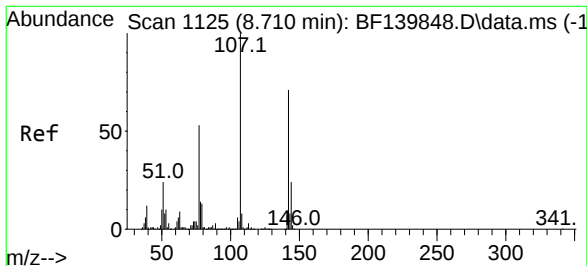
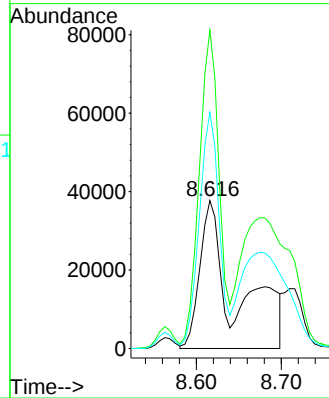
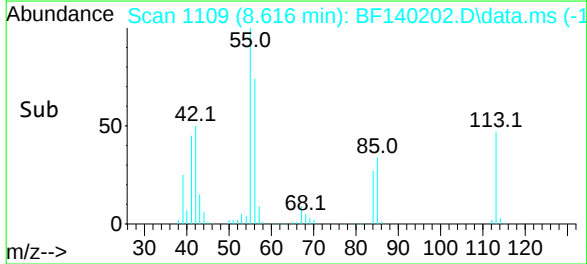
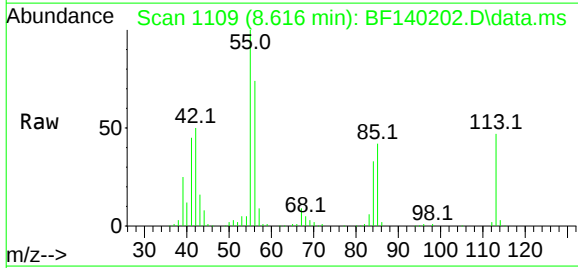
56 159.7 132.5 172.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#36

4-Chloro-3-methylphenol

Concen: 45.511 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

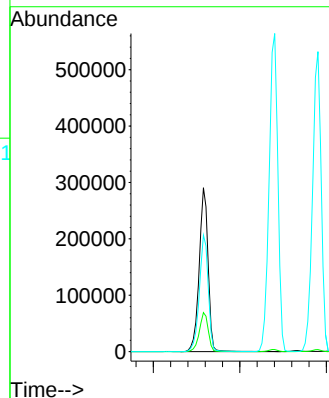
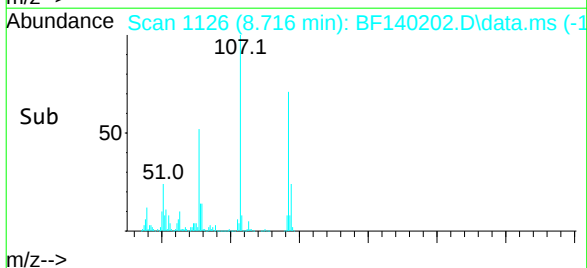
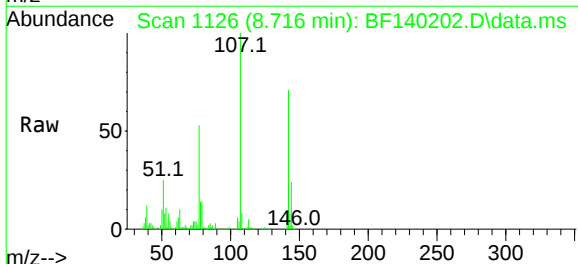
Tgt Ion:107 Resp: 413994

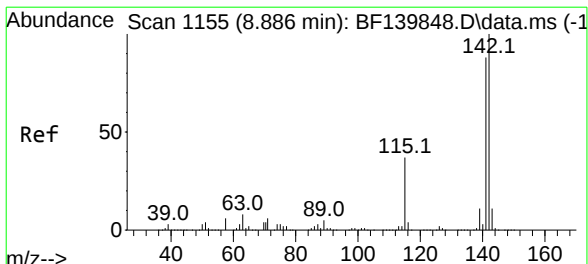
Ion Ratio Lower Upper

107 100

144 23.8 19.1 28.7

142 71.0 57.2 85.8





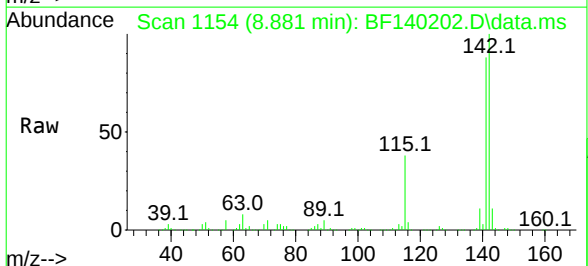
#37
 2-Methylnaphthalene
 Concen: 43.108 ng
 RT: 8.881 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: BF140202.D
 Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS



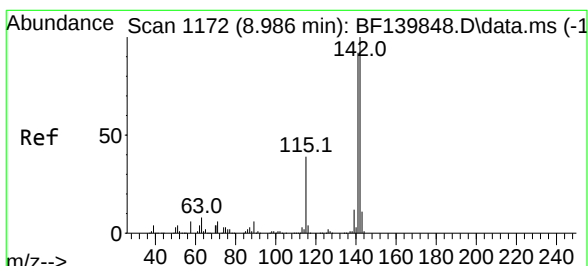
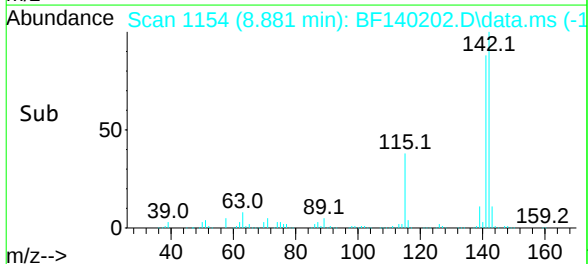
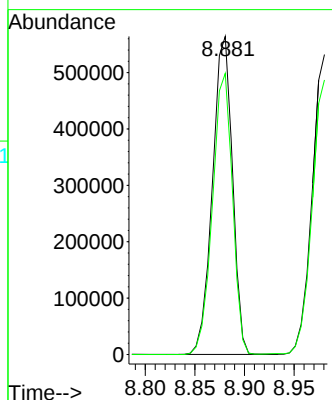
Tgt Ion:142 Resp: 789184
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.8 106.2

Manual Integrations

APPROVED

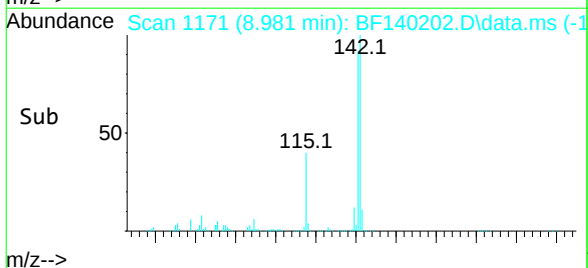
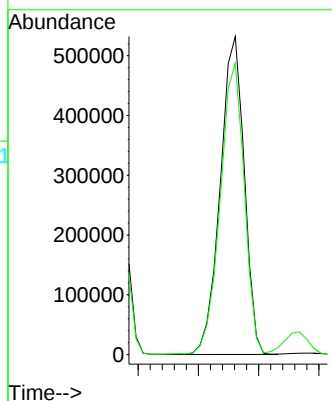
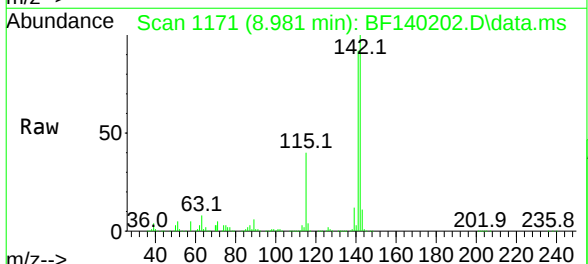
Reviewed By :Yogesh Patel 11/04/2024

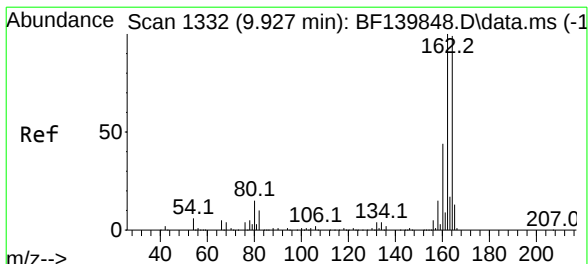
Supervised By :mohammad ahmed 11/04/2024



#38
 1-Methylnaphthalene
 Concen: 41.027 ng
 RT: 8.981 min Scan# 1171
 Delta R.T. -0.006 min
 Lab File: BF140202.D
 Acq: 01 Nov 2024 10:15

Tgt Ion:142 Resp: 736894
 Ion Ratio Lower Upper
 142 100
 141 91.5 73.5 110.3





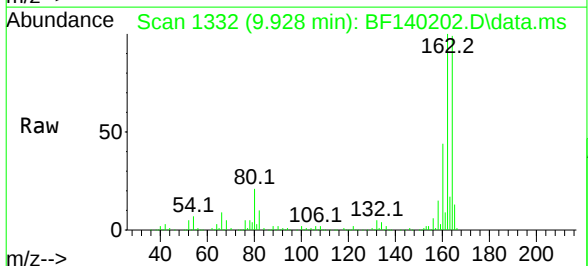
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS

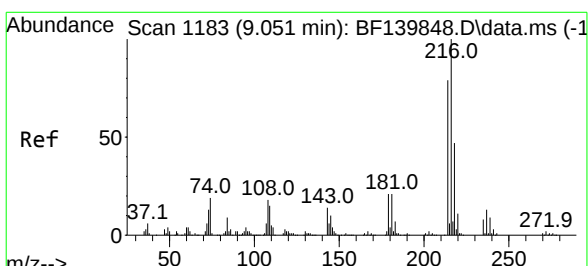
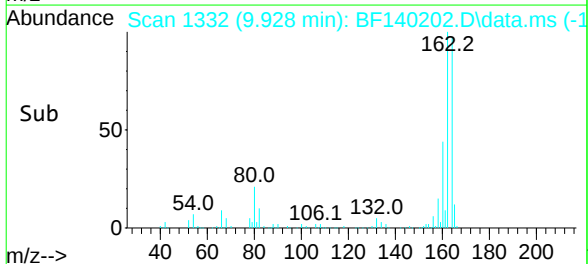
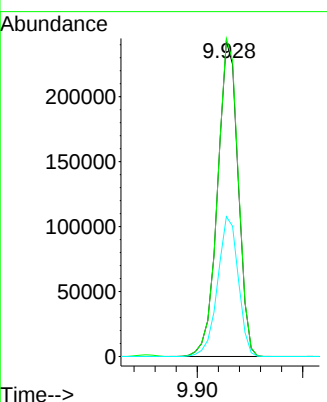


Tgt Ion:164 Resp: 329109

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.0	121.4
160	44.3	35.4	53.0

Manual Integrations
APPROVED

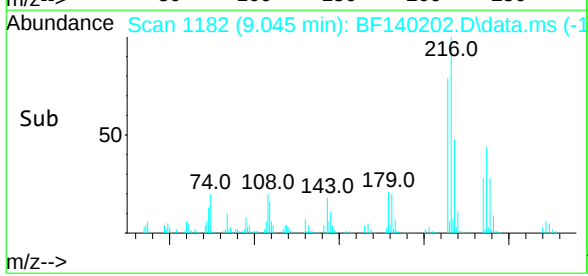
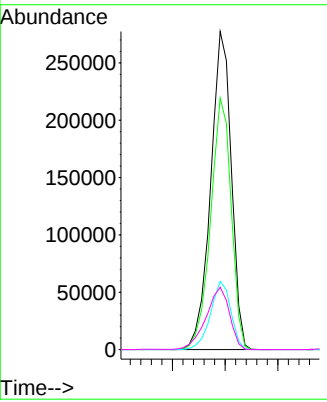
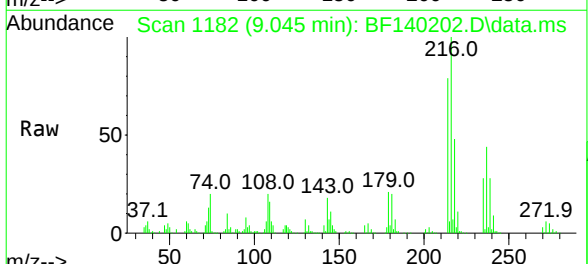
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

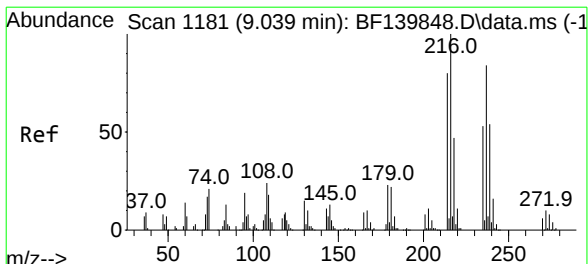


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.566 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Tgt Ion:216 Resp: 377935

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.0
179	21.1	17.2	25.8
108	22.2	15.6	23.4

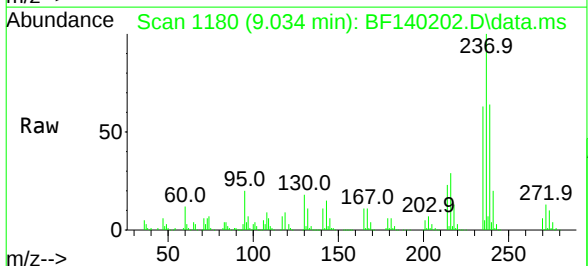




#41
Hexachlorocyclopentadiene
Concen: 157.434 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :

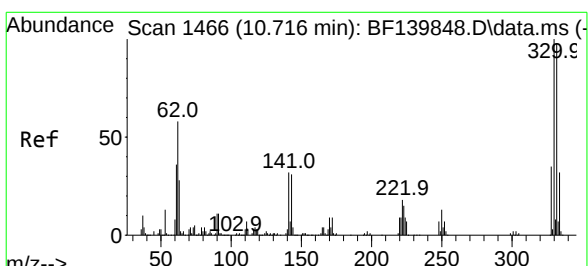
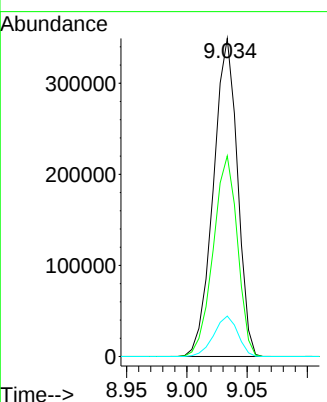
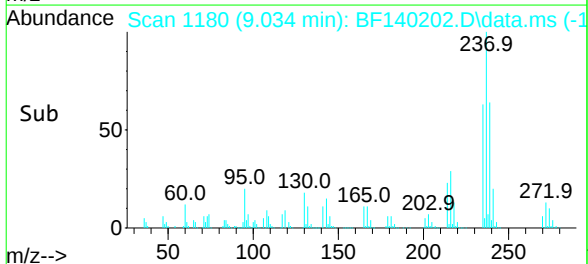
BNA_F
ClientSampleId :
PB164558BS



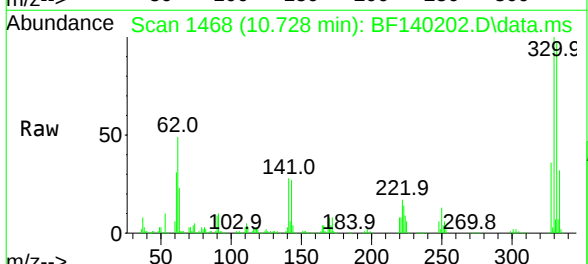
Tgt Ion:	237	Resp:	486379
Ion Ratio	Lower	Upper	
237	100		
235	63.1	42.9	82.9
272	12.7	0.0	32.3

Manual Integrations
APPROVED

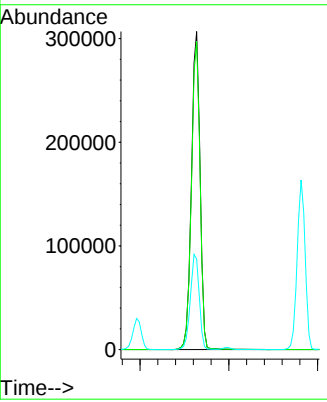
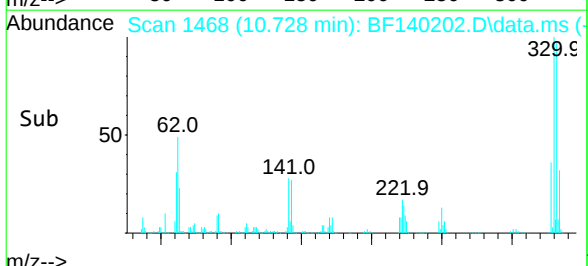
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

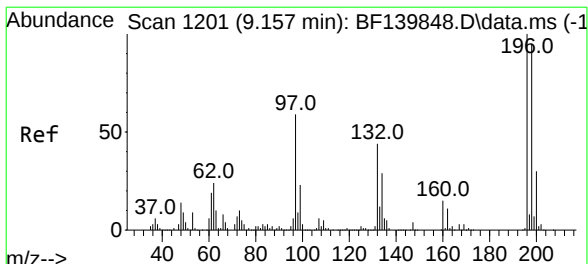


#42
2,4,6-Tribromophenol
Concen: 134.069 ng
RT: 10.728 min Scan# 1468
Delta R.T. 0.012 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15



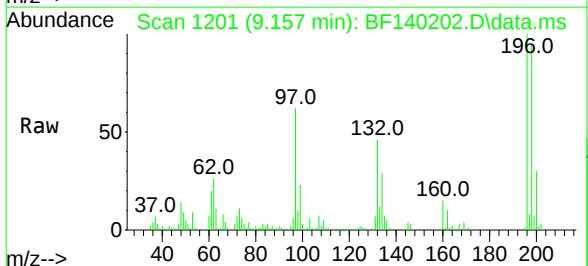
Tgt Ion:	330	Resp:	412715
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.1	117.1
141	31.0	26.6	39.8





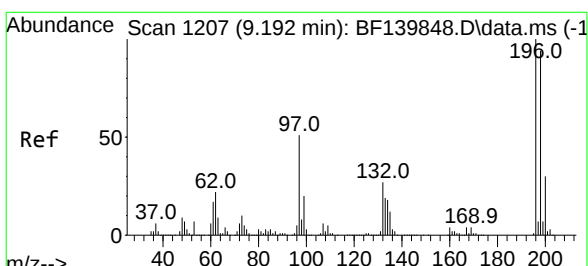
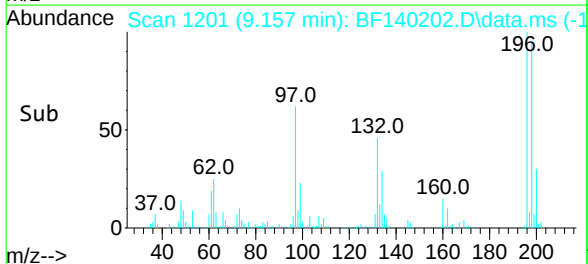
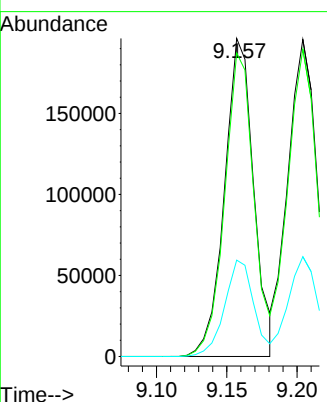
#43
 2,4,6-Trichlorophenol
 Concen: 45.173 ng
 RT: 9.157 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BF140202.D
 Acq: 01 Nov 2024 10:15

Instrument : BNA_F
 ClientSampleId : PB164558BS

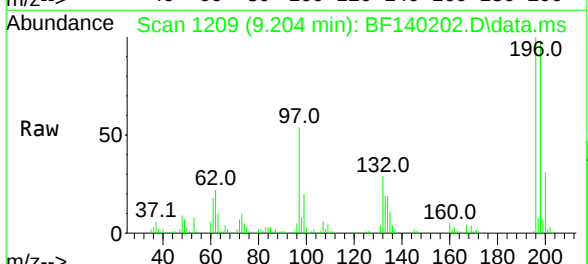


Tgt Ion:	196	Resp:	283966
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.2	114.2
200	30.3	24.0	36.0

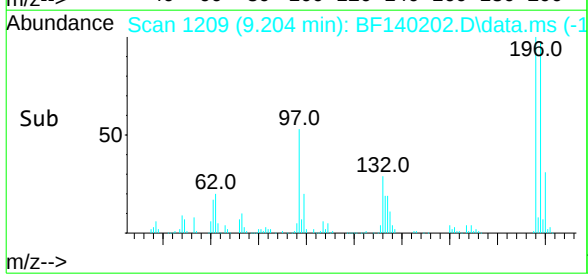
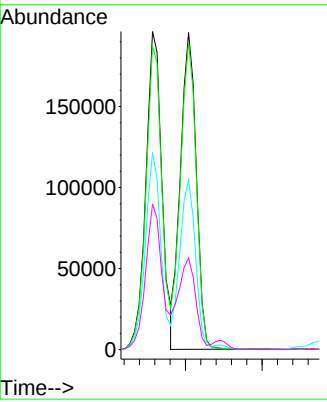
Manual Integrations
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 Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

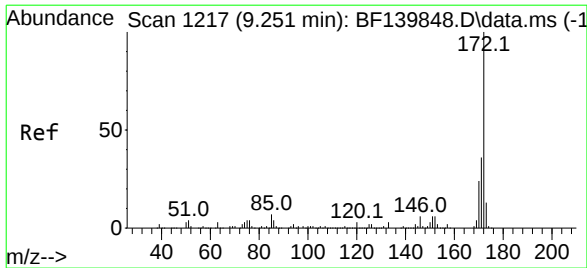


#44
 2,4,5-Trichlorophenol
 Concen: 43.322 ng
 RT: 9.204 min Scan# 1209
 Delta R.T. 0.012 min
 Lab File: BF140202.D
 Acq: 01 Nov 2024 10:15



Tgt Ion:	196	Resp:	280968
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.8	113.6
97	53.6	41.8	62.6
132	28.9	22.9	34.3





#45

2-Fluorobiphenyl

Concen: 81.077 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS

Tgt Ion:172 Resp: 1614532

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

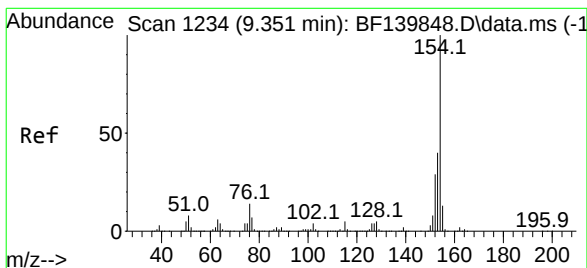
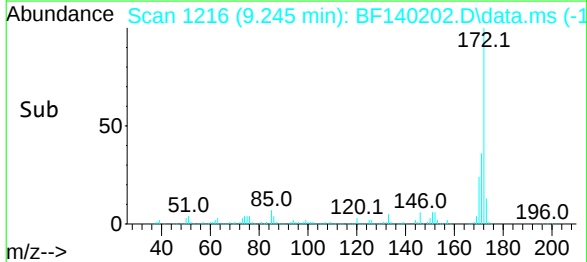
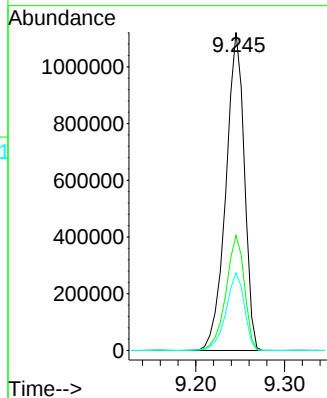
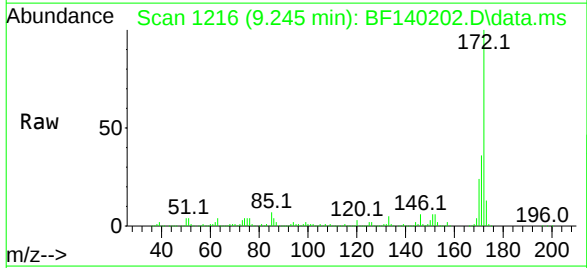
170 24.4 19.1 28.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#46

1,1'-Biphenyl

Concen: 41.840 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

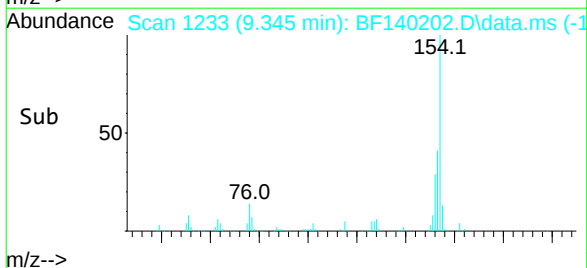
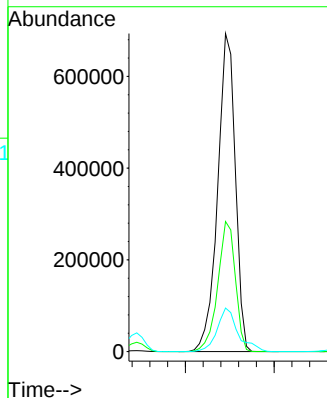
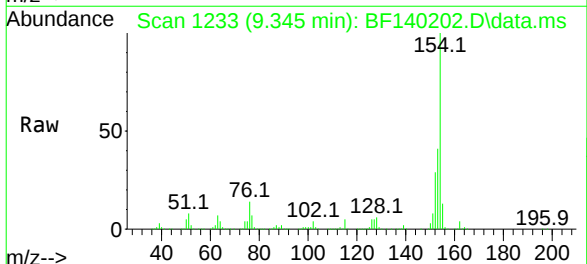
Tgt Ion:154 Resp: 958578

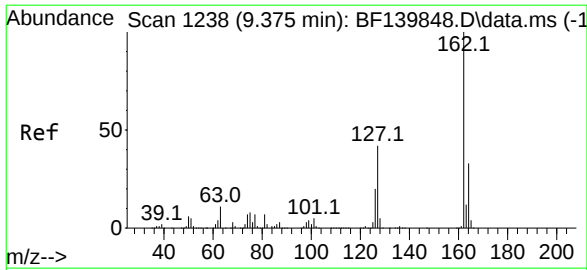
Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

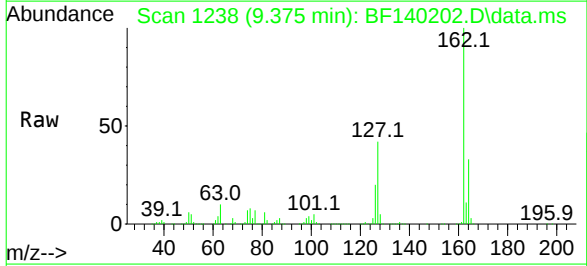
76 13.7 0.0 33.9





#47
2-Chloronaphthalene
Concen: 41.623 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

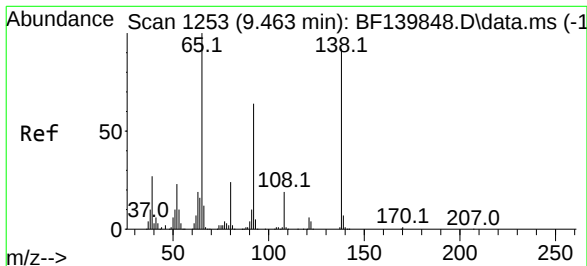
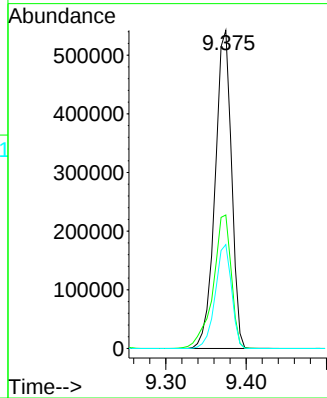
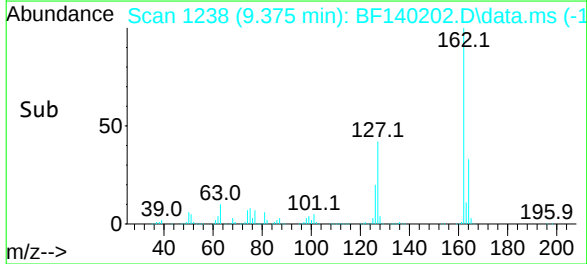
Instrument :
BNA_F
ClientSampleId :
PB164558BS



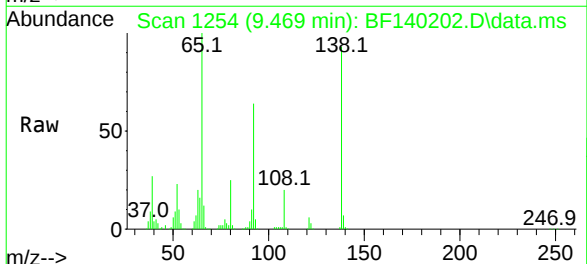
Tgt Ion: 162 Resp: 768064
Ion Ratio Lower Upper
162 100
127 42.0 33.8 50.6
164 32.7 26.6 39.8

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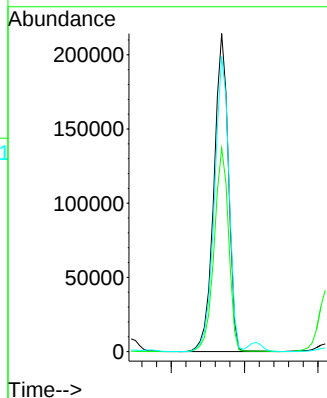
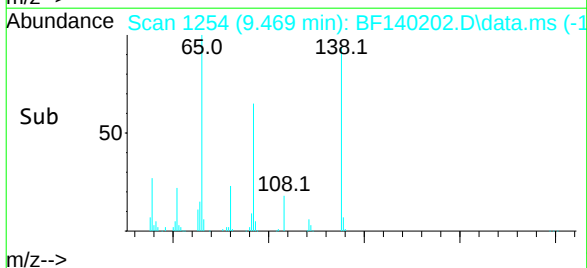
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

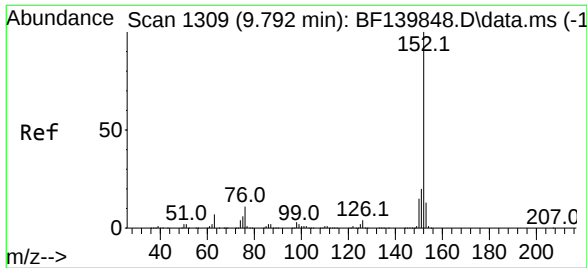


#48
2-Nitroaniline
Concen: 52.148 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15



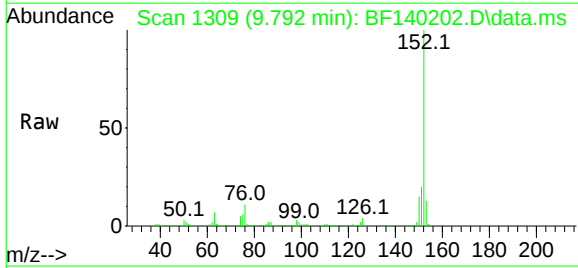
Tgt Ion: 65 Resp: 294307
Ion Ratio Lower Upper
65 100
92 64.0 50.9 76.3
138 92.8 73.4 110.0





#49
Acenaphthylene
Concen: 45.707 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

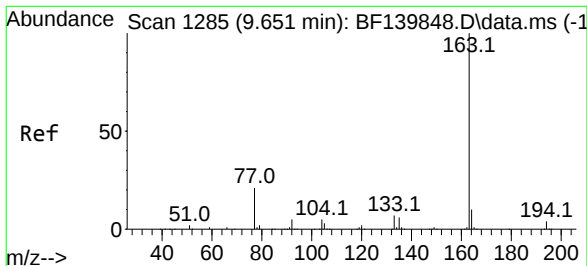
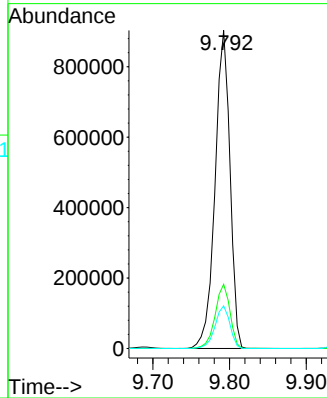
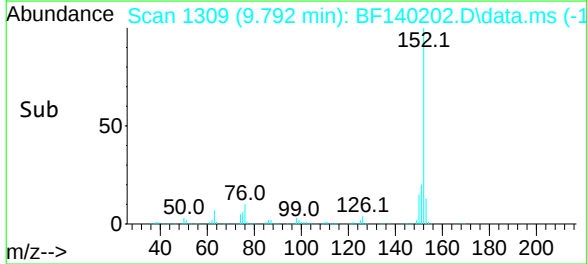
Instrument :
BNA_F
ClientSampleId :
PB164558BS



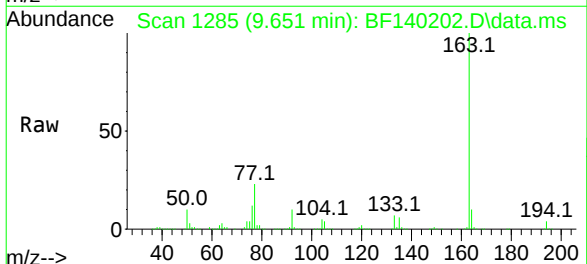
Tgt Ion:152 Resp: 1219325
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.4 10.7 16.1

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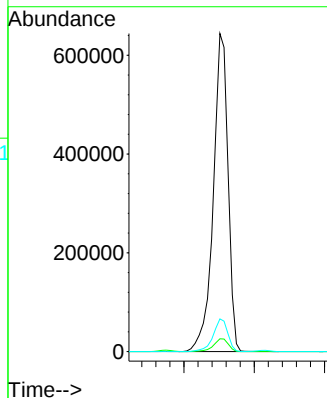
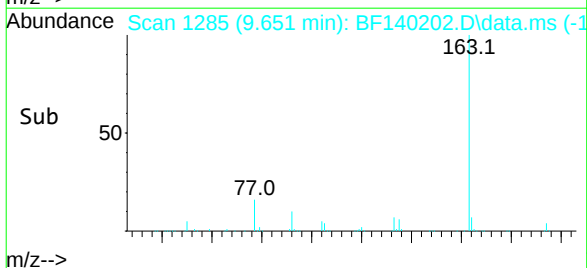
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

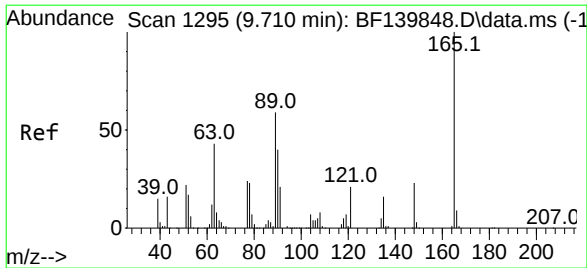


#50
Dimethylphthalate
Concen: 45.622 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15



Tgt Ion:163 Resp: 935222
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 8.2 12.2





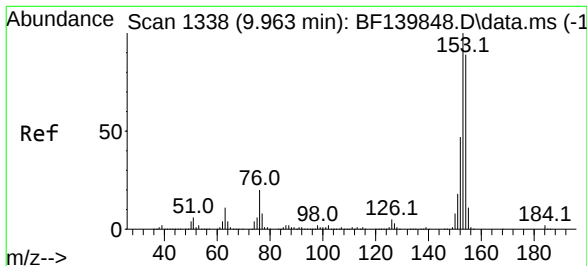
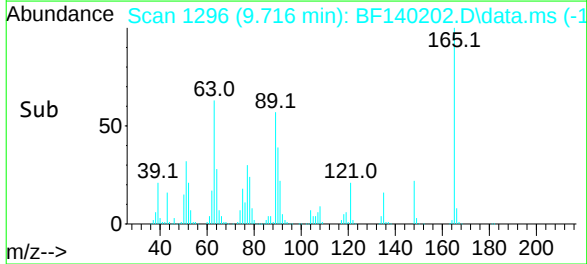
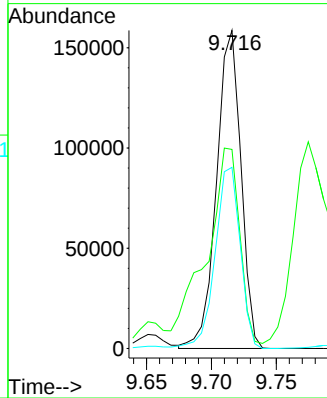
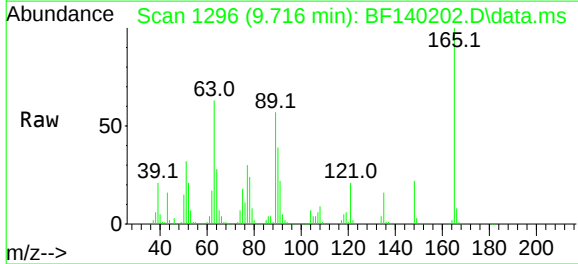
#51
2,6-Dinitrotoluene
Concen: 46.773 ng
RT: 9.716 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB164558BS

Tgt Ion:165 Resp: 207605
Ion Ratio Lower Upper
165 100
63 62.6 50.6 75.8
89 57.0 47.5 71.3

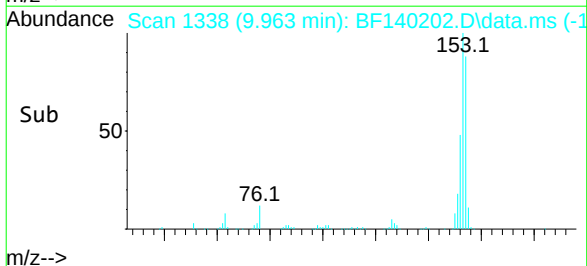
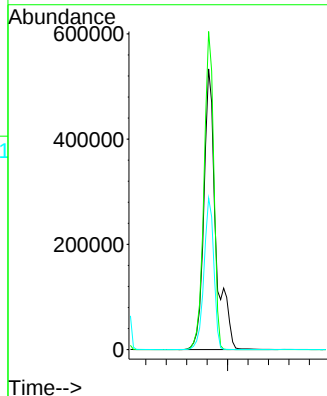
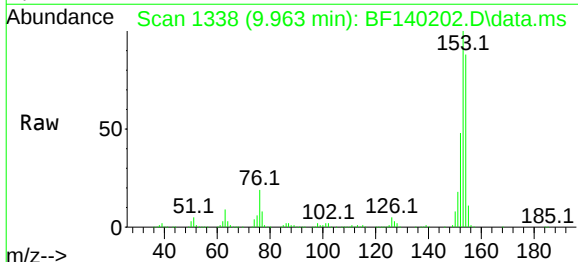
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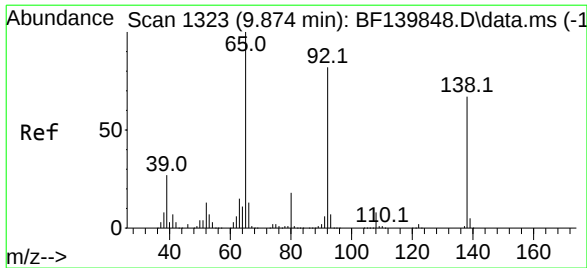
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 50.624 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Tgt Ion:154 Resp: 873638
Ion Ratio Lower Upper
154 100
153 113.3 89.8 134.6
152 54.0 42.4 63.6





#53
3-Nitroaniline
Concen: 37.207 ng
RT: 9.886 min Scan# 1325
Delta R.T. 0.012 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

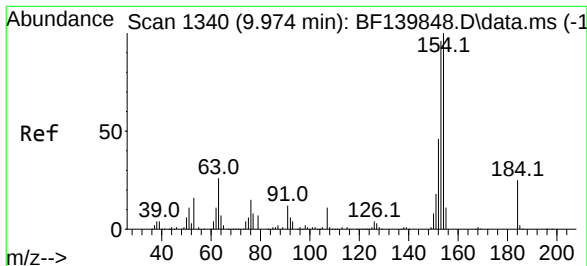
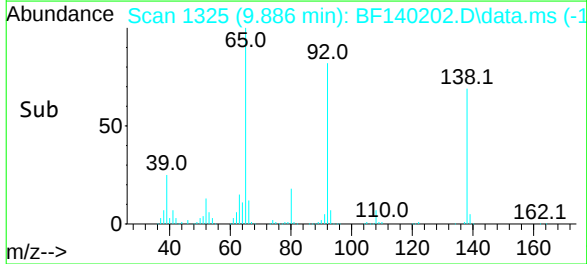
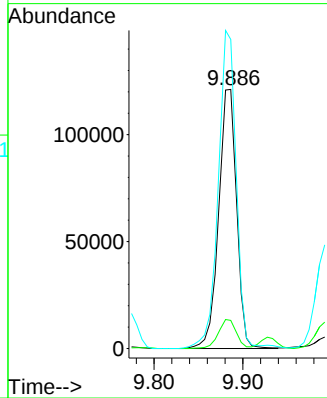
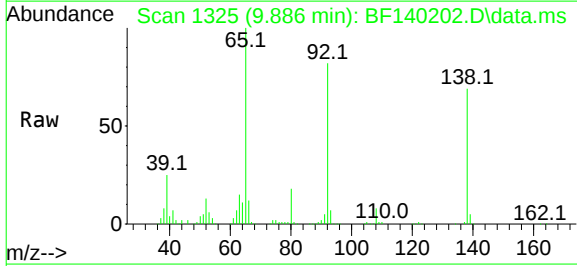
ClientSampleId :

PB164558BS

Tgt Ion:138 Resp: 170303
Ion Ratio Lower Upper
138 100
108 10.9 10.2 15.2
92 119.3 98.3 147.5

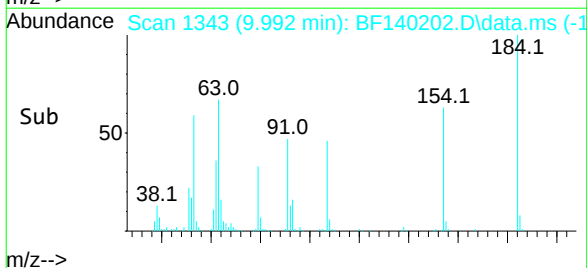
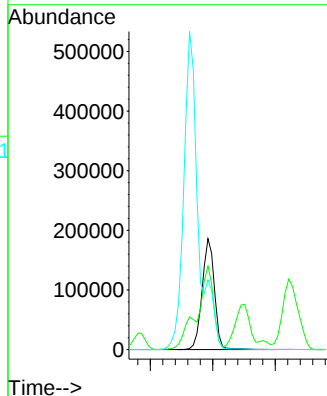
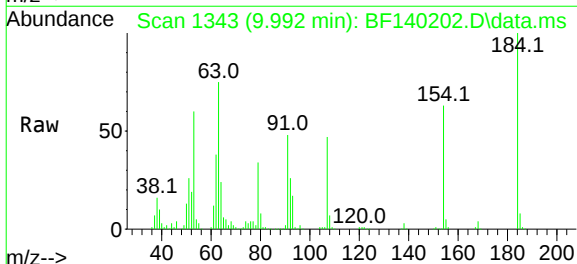
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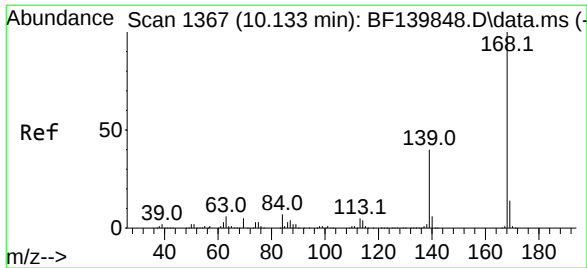
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#54
2,4-Dinitrophenol
Concen: 134.000 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.018 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

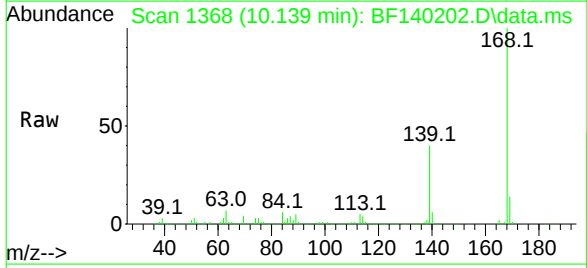
Tgt Ion:184 Resp: 255962
Ion Ratio Lower Upper
184 100
63 75.4 84.7 127.1#
154 62.8 338.2 507.2#





#55
Dibenzenofuran
Concen: 43.178 ng
RT: 10.139 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

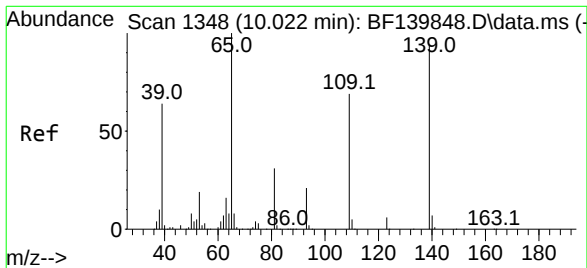
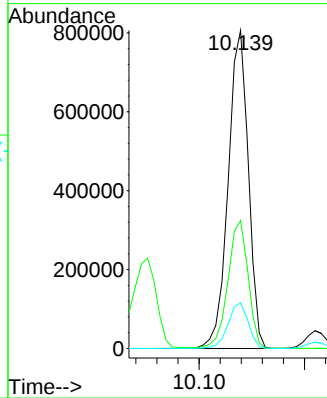
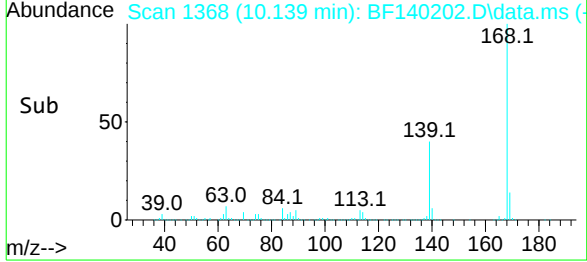
Instrument :
BNA_F
ClientSampleId :
PB164558BS



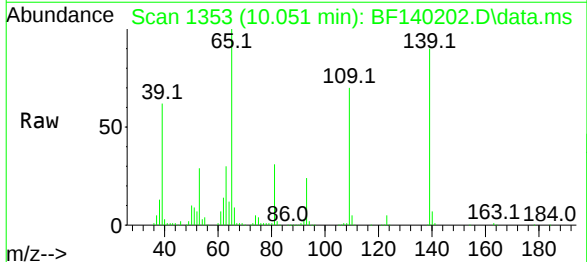
Tgt Ion:168 Resp: 1069090
Ion Ratio Lower Upper
168 100
139 40.2 31.8 47.6
169 14.4 11.6 17.4

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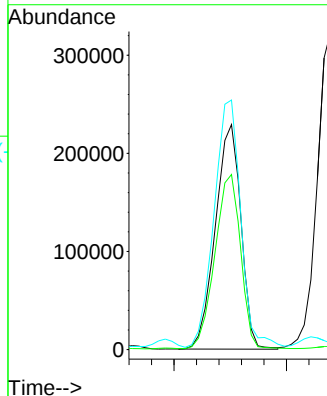
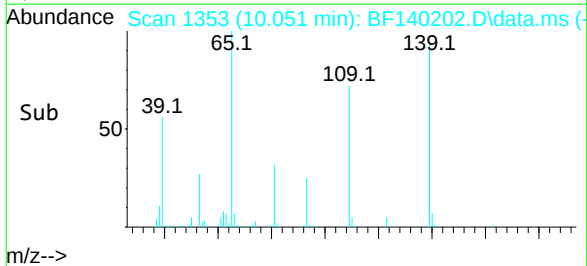
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

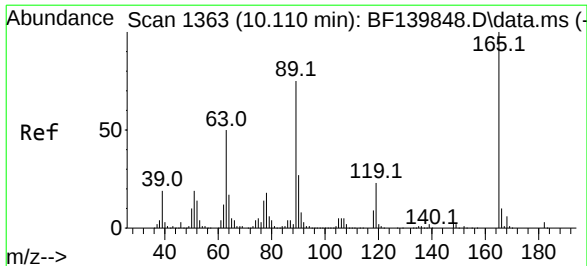


#56
4-Nitrophenol
Concen: 102.829 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.030 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15



Tgt Ion:139 Resp: 362112
Ion Ratio Lower Upper
139 100
109 77.8 53.6 93.6
65 110.9 87.8 127.8





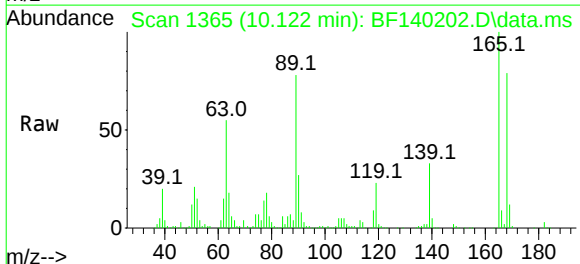
#57
2,4-Dinitrotoluene
Concen: 52.158 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS



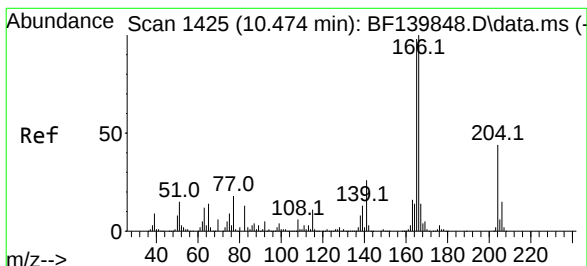
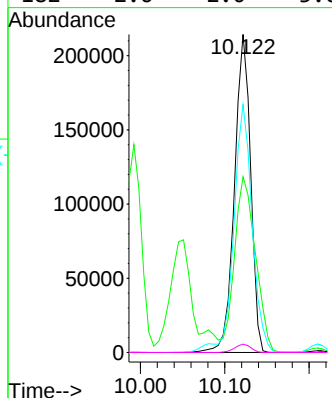
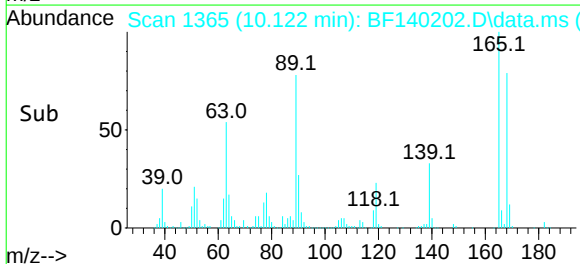
Tgt Ion:165 Resp: 284689
Ion Ratio Lower Upper
165 100
63 55.3 40.1 60.1
89 78.0 60.4 90.6
182 2.6 2.0 3.0

Manual Integrations

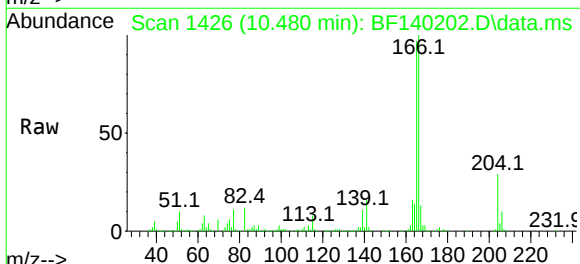
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

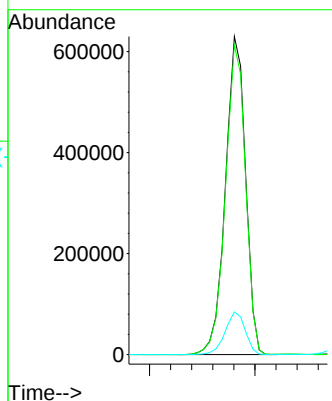
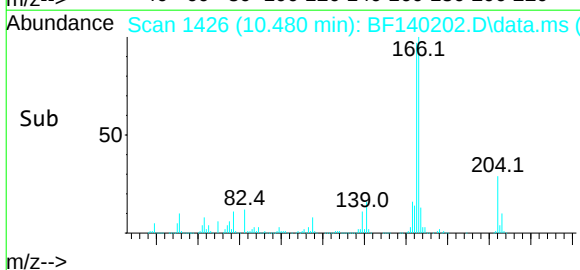
Supervised By :mohammad ahmed 11/04/2024

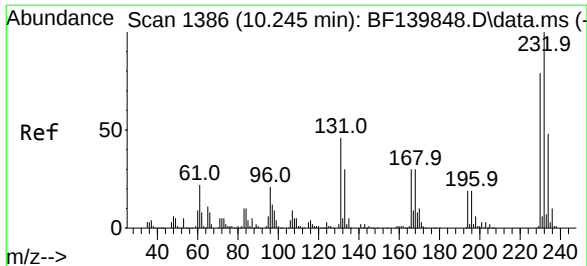


#58
Fluorene
Concen: 44.284 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15



Tgt Ion:166 Resp: 835136
Ion Ratio Lower Upper
166 100
165 97.3 78.5 117.7
167 13.4 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.333 ng

RT: 10.257 min Scan# 1387

Delta R.T. 0.012 min

Lab File: BF140202.D

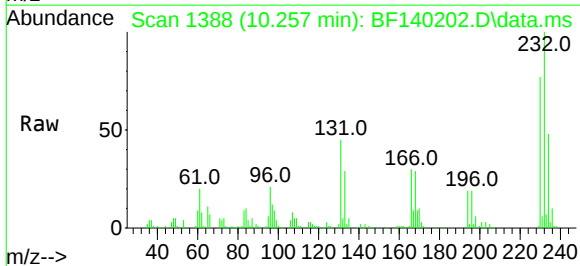
Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS



Tgt Ion:232 Resp: 240650

Ion Ratio Lower Upper

232 100

131 45.9 37.0 55.6

130 2.3 1.9 2.9

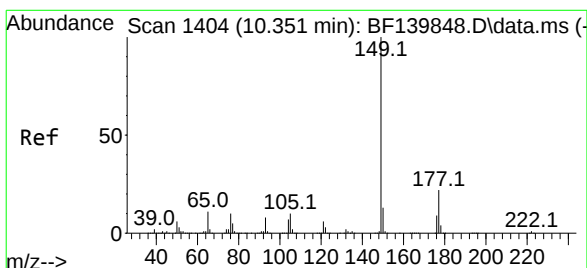
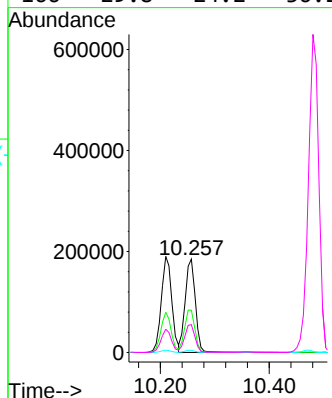
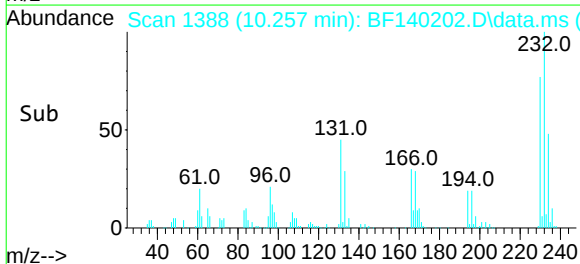
166 29.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#60

Diethylphthalate

Concen: 45.437 ng

RT: 10.357 min Scan# 1405

Delta R.T. 0.006 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

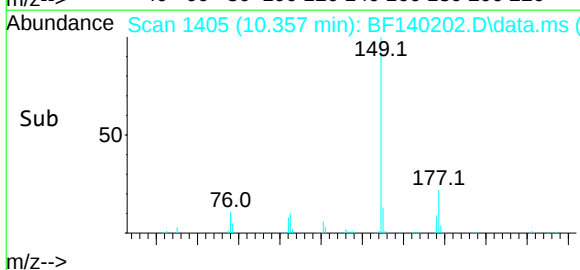
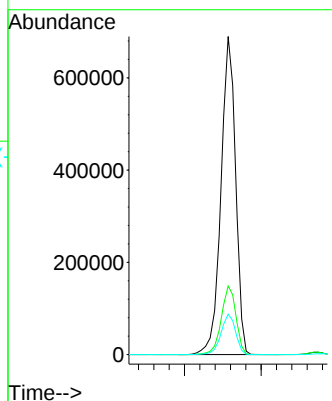
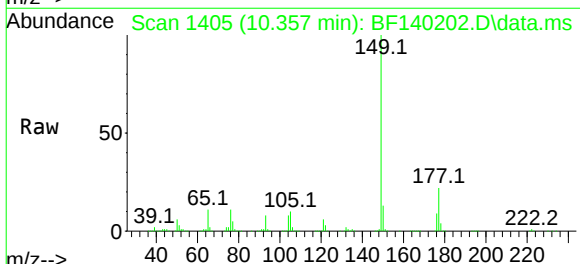
Tgt Ion:149 Resp: 914530

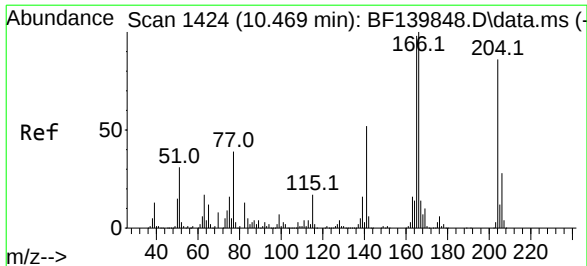
Ion Ratio Lower Upper

149 100

177 21.6 17.9 26.9

150 12.7 10.1 15.1





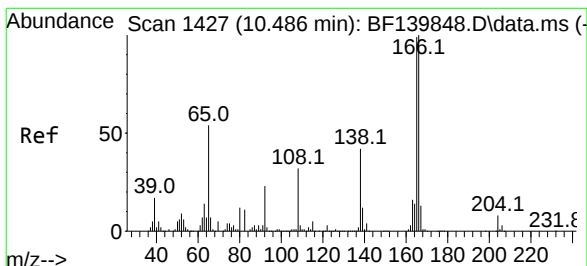
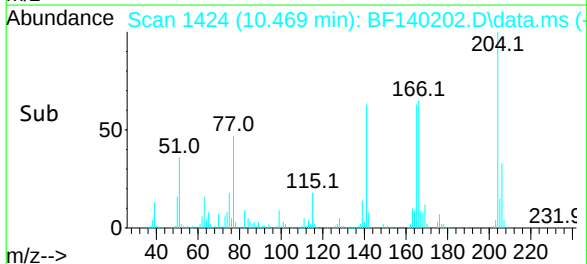
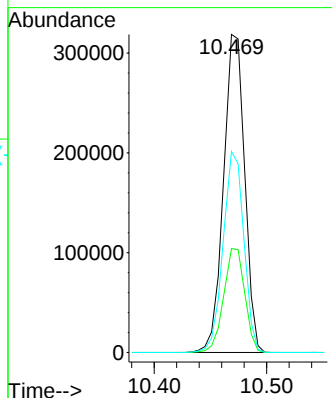
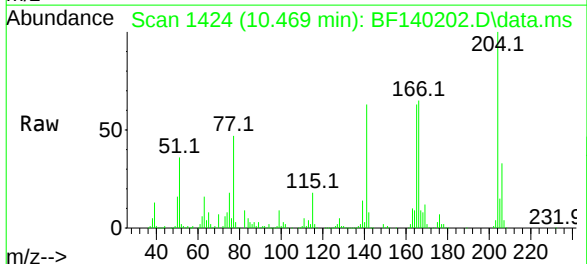
#61
4-Chlorophenyl-phenylether
Concen: 43.798 ng
RT: 10.469 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB164558BS

Tgt Ion:204 Resp: 417119
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 63.2 48.6 73.0

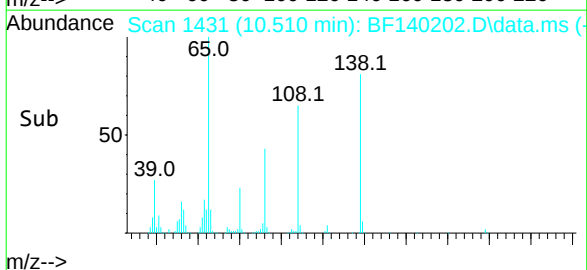
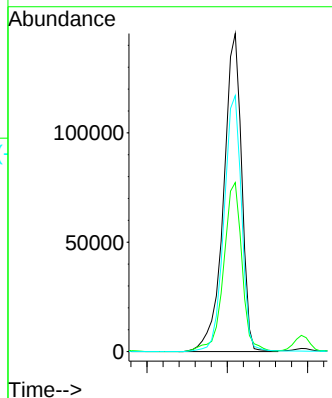
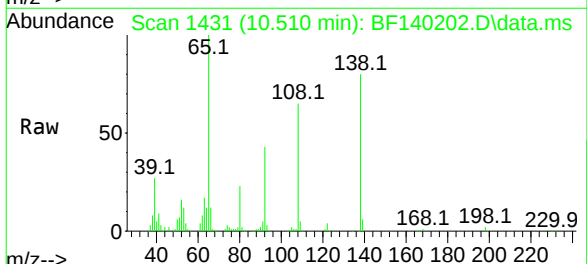
Manual Integrations
APPROVED

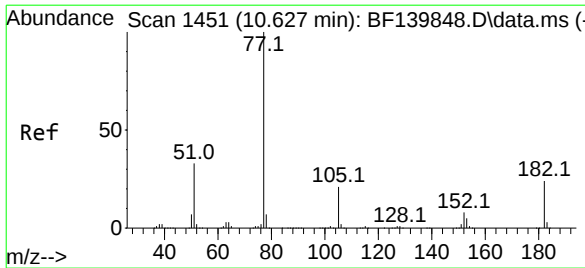
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#62
4-Nitroaniline
Concen: 52.666 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.024 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Tgt Ion:138 Resp: 227675
Ion Ratio Lower Upper
138 100
92 53.1 35.7 75.7
108 80.5 57.5 97.5





#63

Azobenzene

Concen: 44.995 ng

RT: 10.633 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS

Tgt Ion: 77 Resp: 960115

Ion Ratio Lower Upper

77 100

182 24.6 3.3 43.3

105 21.0 1.2 41.2

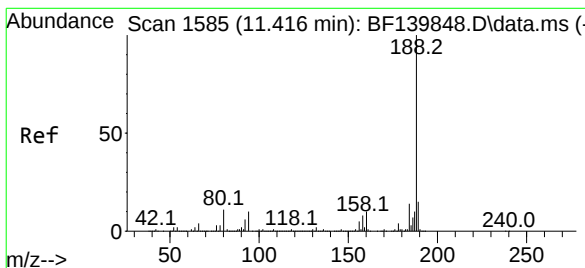
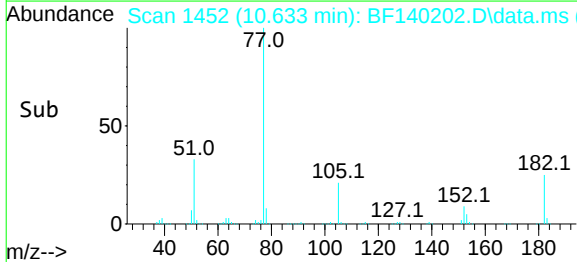
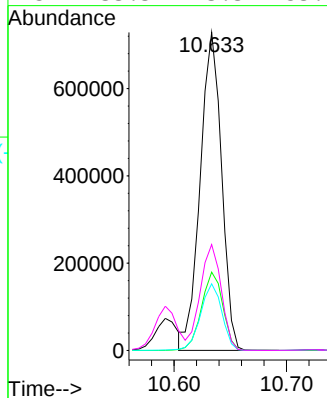
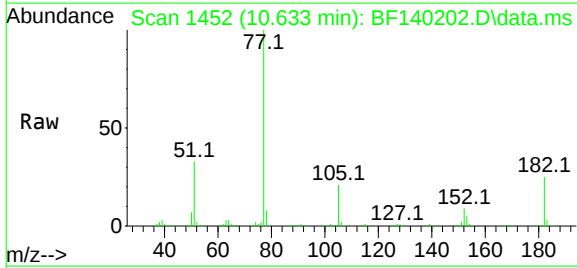
51 33.3 13.3 53.3

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: 11.422 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

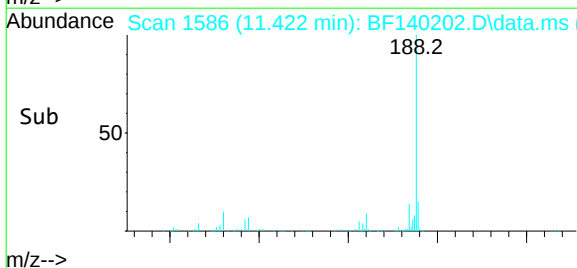
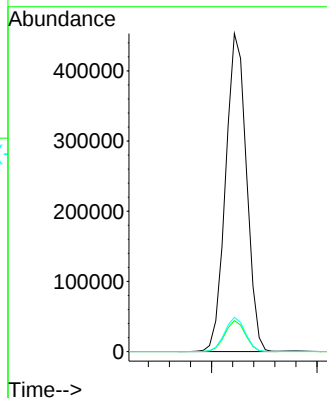
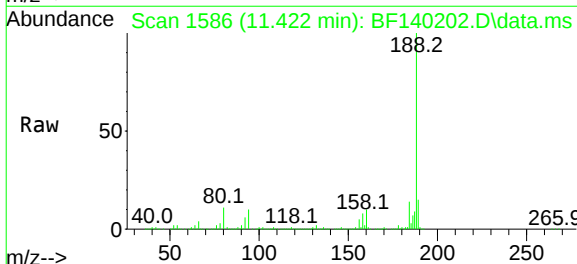
Tgt Ion:188 Resp: 623259

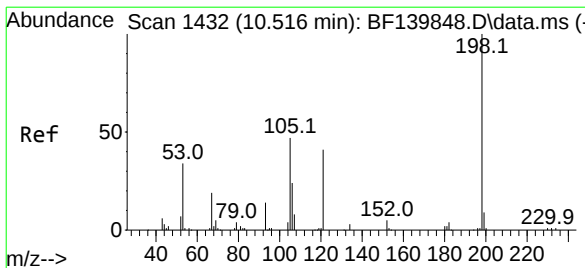
Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

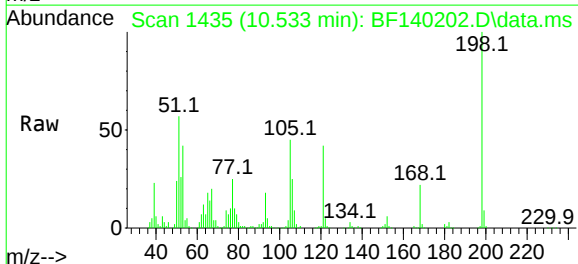
80 10.8 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 65.885 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.017 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

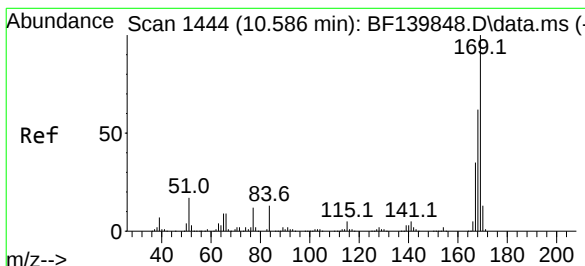
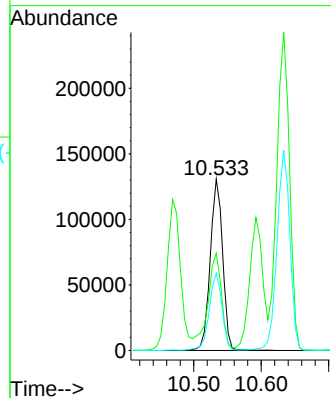
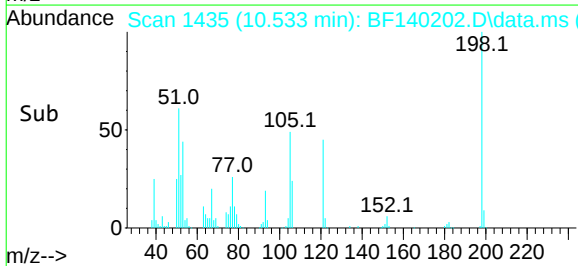
Instrument :
BNA_F
ClientSampleId :
PB164558BS



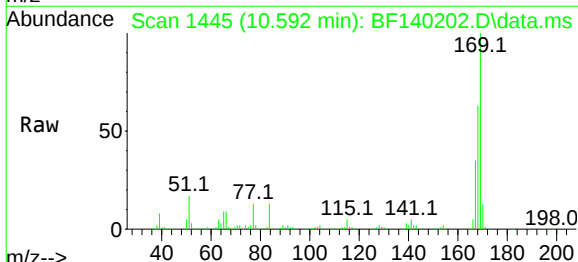
Tgt Ion:198 Resp: 167497
Ion Ratio Lower Upper
198 100
51 56.7 38.2 78.2
105 45.1 27.9 67.9

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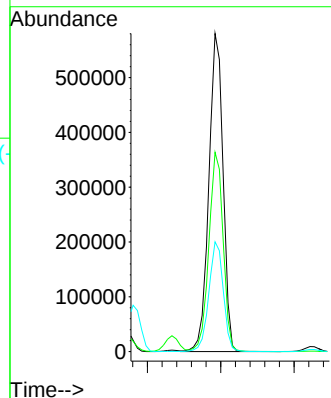
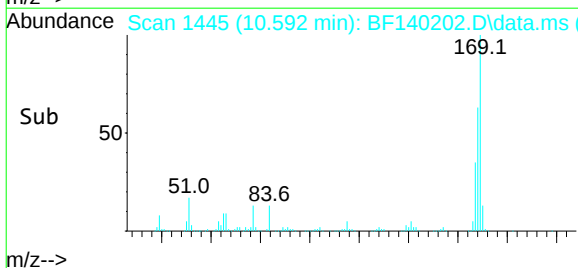
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

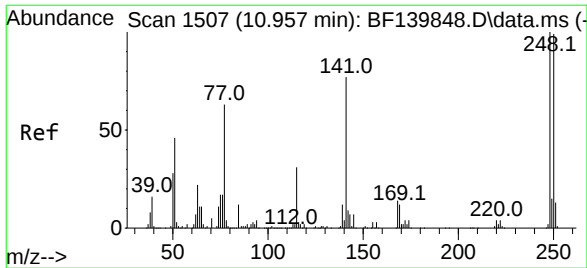


#66
n-Nitrosodiphenylamine
Concen: 41.845 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15



Tgt Ion:169 Resp: 780577
Ion Ratio Lower Upper
169 100
168 62.6 49.8 74.6
167 34.5 28.0 42.0





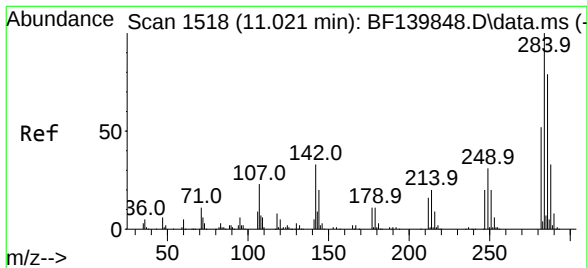
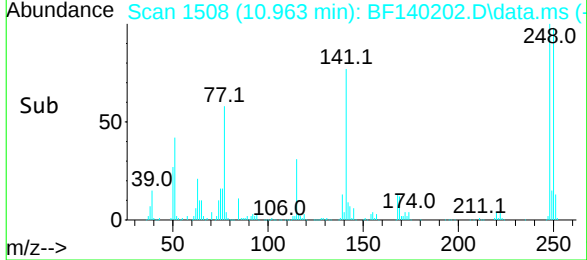
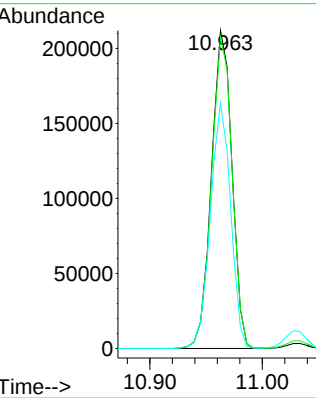
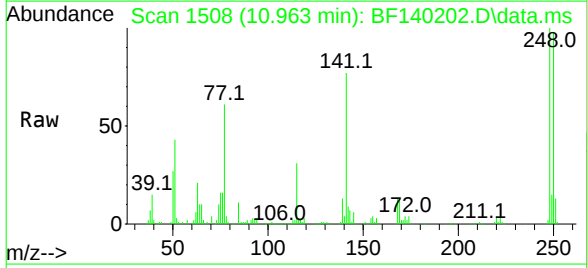
#67
4-Bromophenyl-phenylether
Concen: 41.933 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB164558BS

Tgt Ion: 248 Resp: 269239
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.6
141 77.2 61.7 92.5

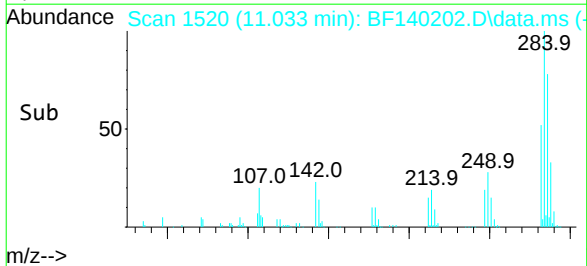
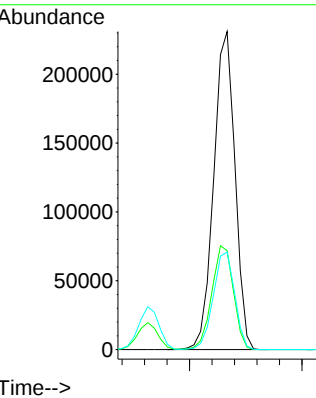
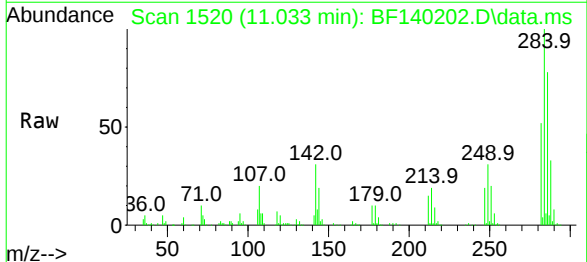
Manual Integrations
APPROVED

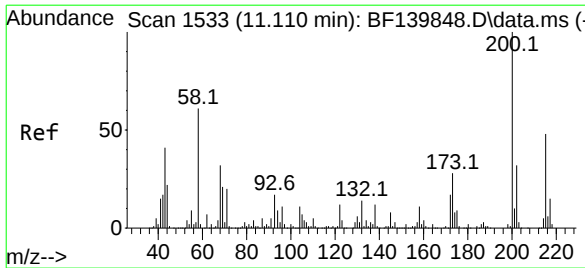
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#68
Hexachlorobenzene
Concen: 41.993 ng
RT: 11.033 min Scan# 1520
Delta R.T. 0.012 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Tgt Ion: 284 Resp: 303236
Ion Ratio Lower Upper
284 100
142 31.1 26.9 40.3
249 30.7 25.3 37.9





#69

Atrazine

Concen: 52.059 ng

RT: 11.122 min Scan# 1535

Delta R.T. 0.012 min

Lab File: BF140202.D

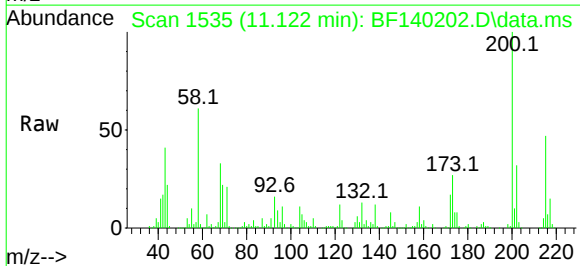
Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

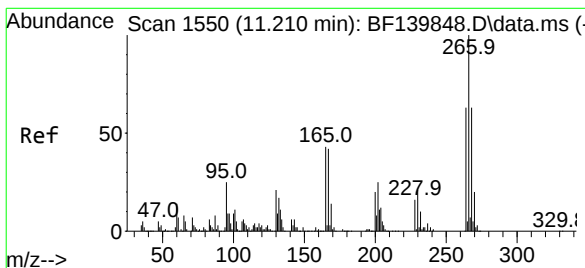
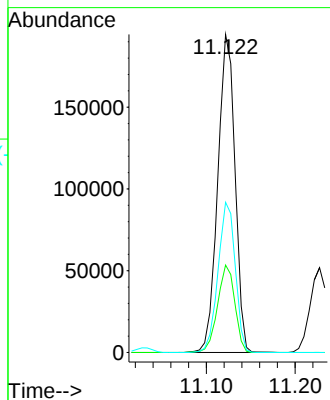
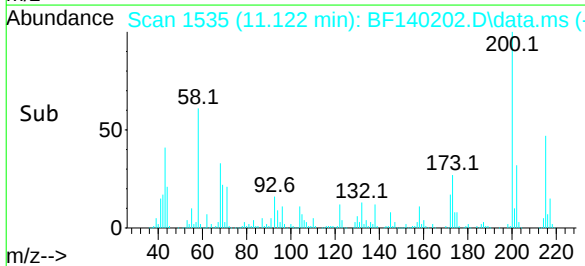
PB164558BS



Tgt Ion:	200	Resp:	263061
Ion Ratio	Lower	Upper	
200	100		
173	27.5	7.7	47.7
215	47.2	27.7	67.7

Manual Integrations
APPROVED

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



#70

Pentachlorophenol

Concen: 86.605 ng

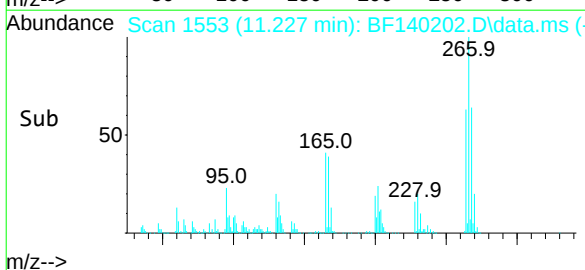
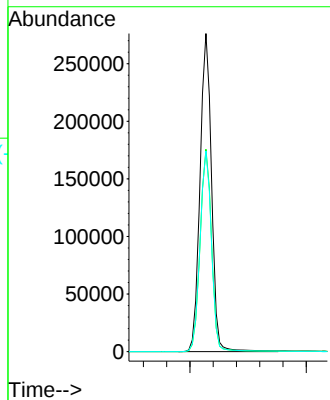
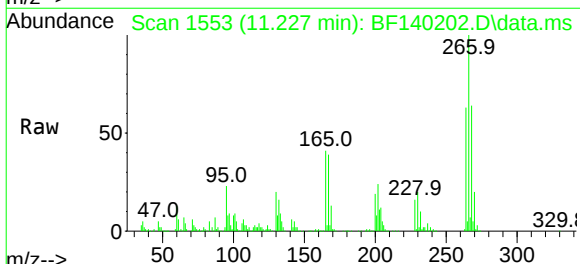
RT: 11.227 min Scan# 1553

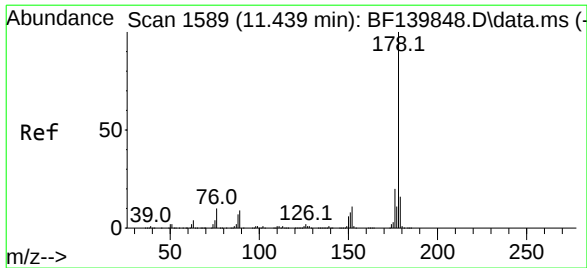
Delta R.T. 0.018 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

Tgt Ion:	266	Resp:	379552
Ion Ratio	Lower	Upper	
266	100		
268	63.6	50.4	75.6
264	63.1	50.6	75.8





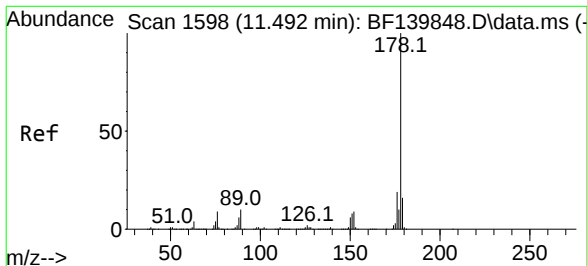
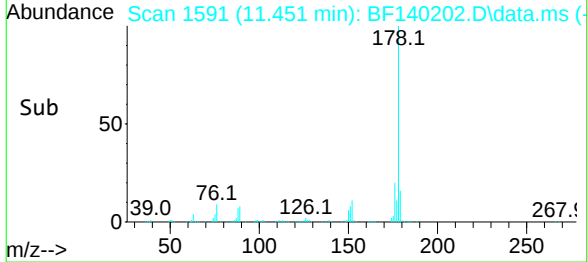
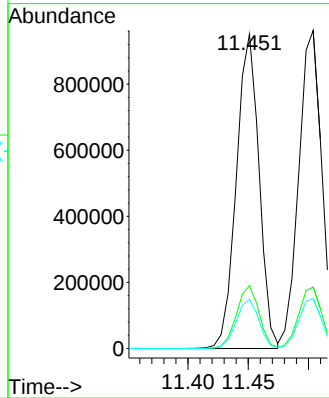
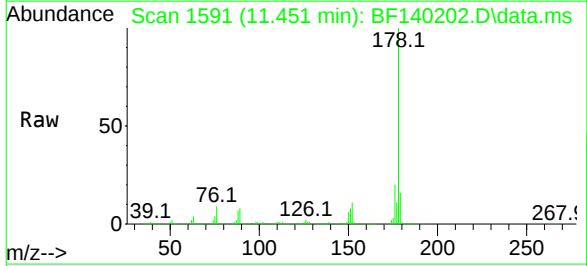
#71
Phenanthrene
Concen: 42.222 ng
RT: 11.451 min Scan# 15
Delta R.T. 0.012 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB164558BS

Tgt Ion:178 Resp: 1243011
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 15.7 12.6 18.8

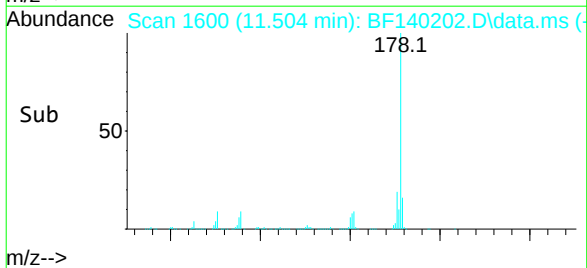
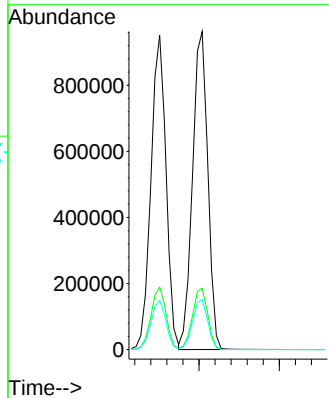
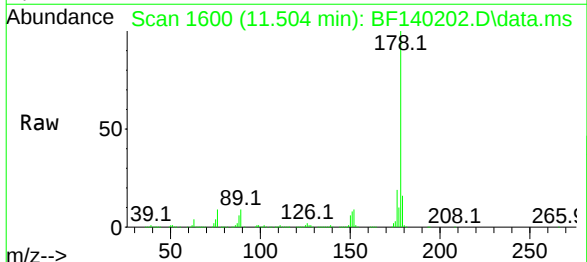
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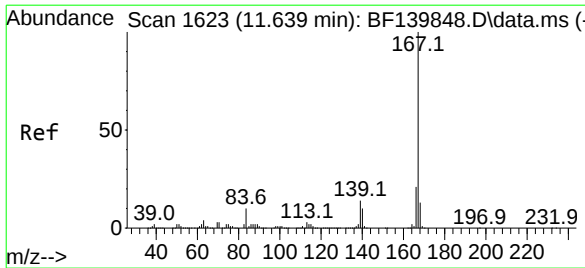
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#72
Anthracene
Concen: 44.225 ng
RT: 11.504 min Scan# 1600
Delta R.T. 0.012 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

Tgt Ion:178 Resp: 1270320
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.7 12.4 18.6





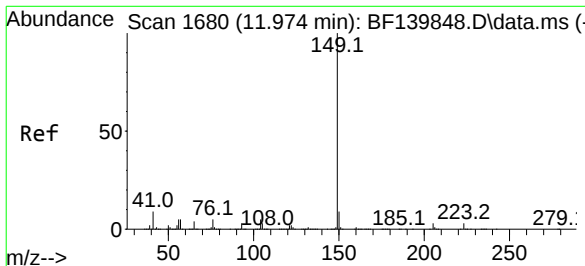
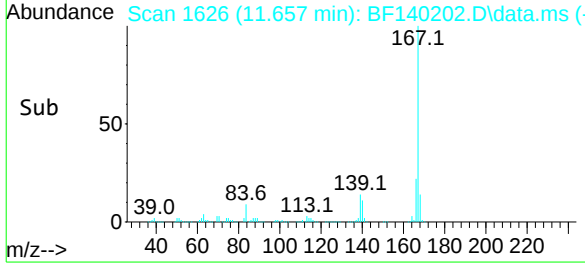
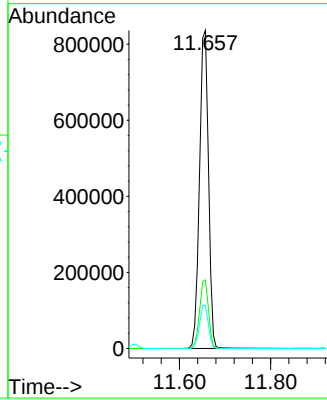
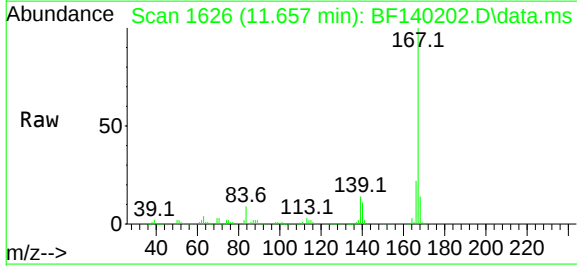
#73
 Carbazole
 Concen: 42.893 ng
 RT: 11.657 min Scan# 1623
 Delta R.T. 0.018 min
 Lab File: BF140202.D
 Acq: 01 Nov 2024 10:15

Instrument :
 BNA_F
 ClientSampleId :
 PB164558BS

Tgt Ion:167 Resp: 1145850
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.5 10.8 16.2

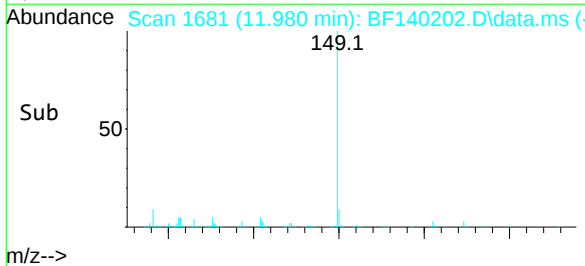
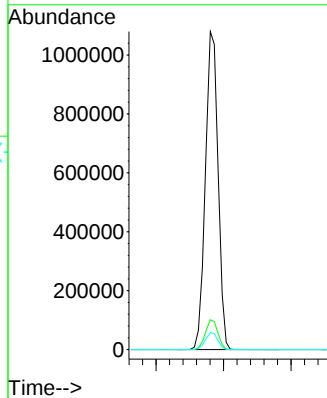
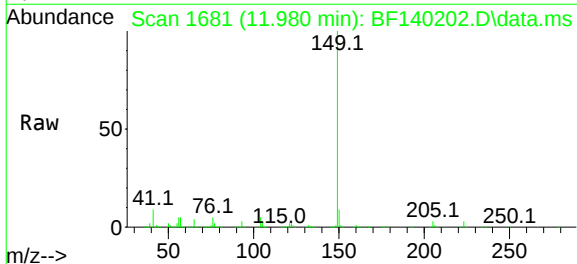
Manual Integrations
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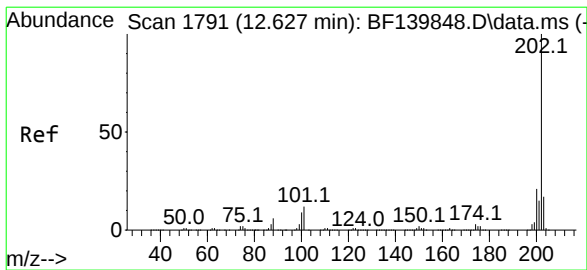
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#74
 Di-n-butylphthalate
 Concen: 45.541 ng
 RT: 11.980 min Scan# 1681
 Delta R.T. 0.006 min
 Lab File: BF140202.D
 Acq: 01 Nov 2024 10:15

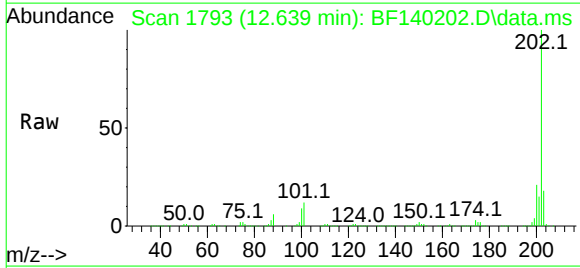
Tgt Ion:149 Resp: 1405558
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 45.101 ng
RT: 12.639 min Scan# 1791
Delta R.T. 0.012 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

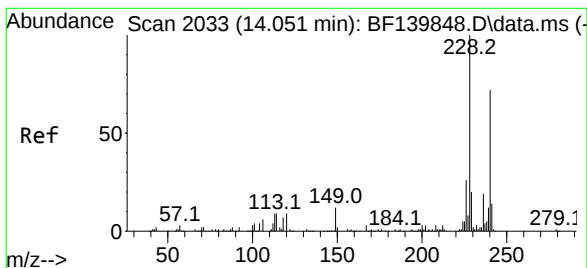
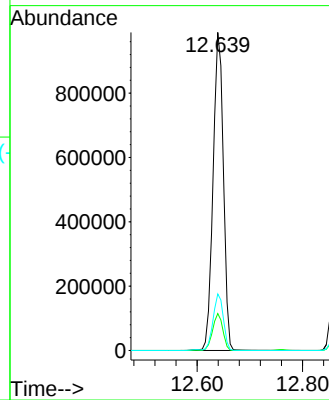
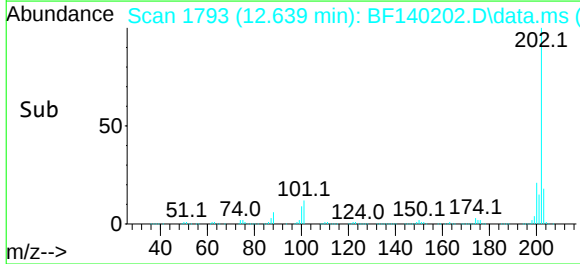
Instrument :
BNA_F
ClientSampleId :
PB164558BS



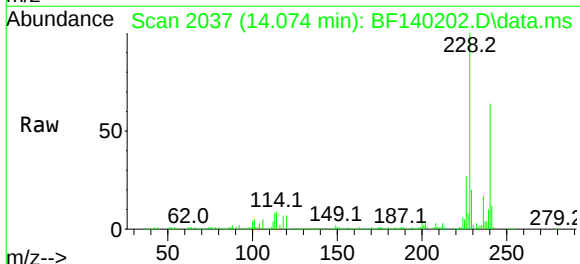
Tgt Ion:202 Resp: 1342278
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.9
203 17.8 0.0 37.5

Manual Integrations
APPROVED

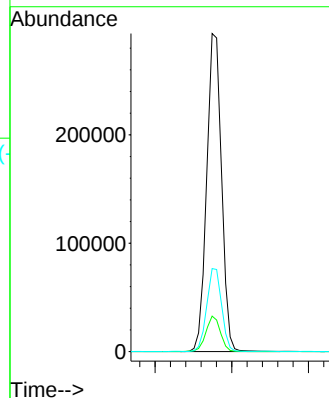
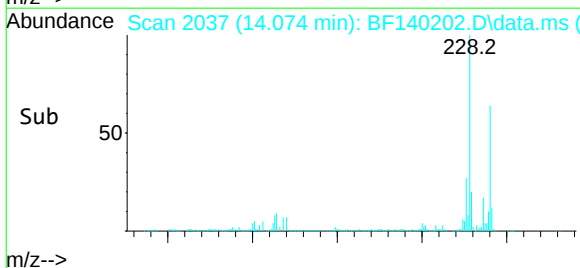
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

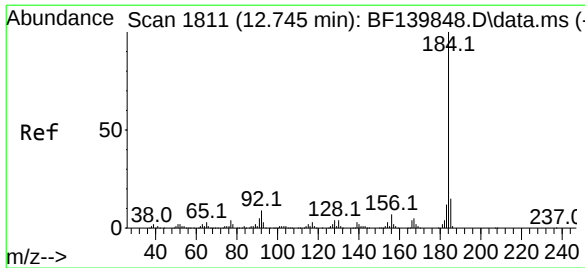


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.024 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15



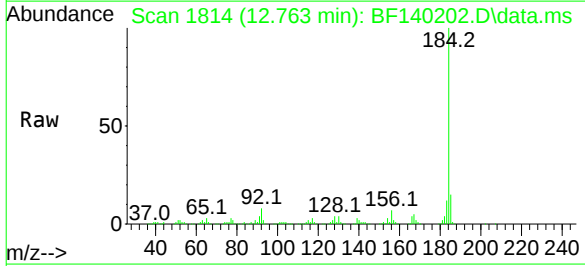
Tgt Ion:240 Resp: 394810
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 26.1 20.9 31.3





#77
Benzidine
Concen: 74.921 ng
RT: 12.763 min Scan# 1811
Delta R.T. 0.018 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15

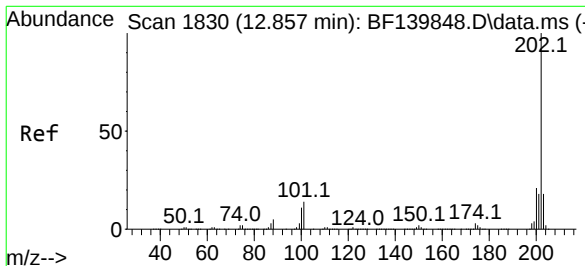
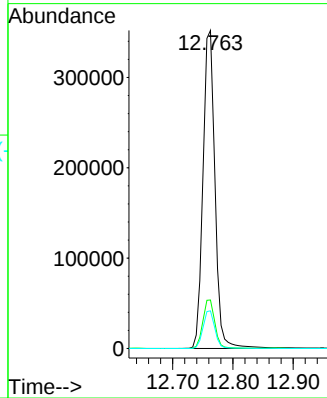
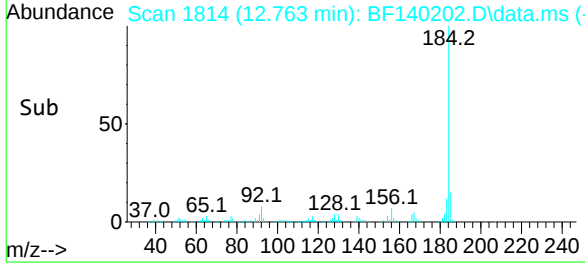
Instrument :
BNA_F
ClientSampleId :
PB164558BS



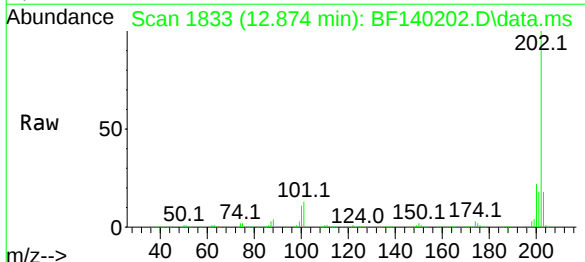
Tgt Ion:184 Resp: 486388
Ion Ratio Lower Upper
184 100
185 15.2 12.0 18.0
183 11.8 9.4 14.2

Manual Integrations
APPROVED

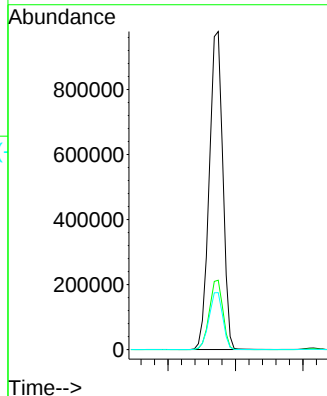
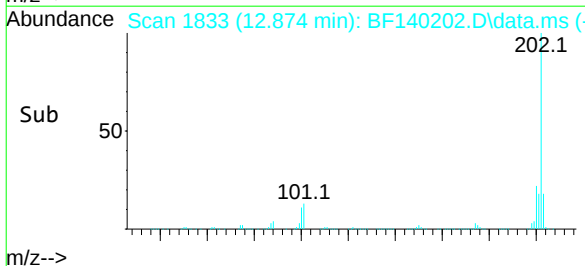
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

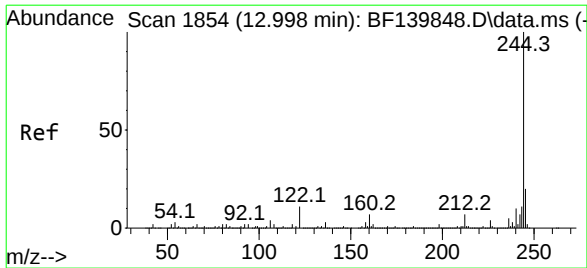


#78
Pyrene
Concen: 39.519 ng
RT: 12.874 min Scan# 1833
Delta R.T. 0.018 min
Lab File: BF140202.D
Acq: 01 Nov 2024 10:15



Tgt Ion:202 Resp: 1365751
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 79.656 ng

RT: 13.016 min Scan# 18

Delta R.T. 0.018 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS

Tgt Ion:244 Resp: 1930006

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

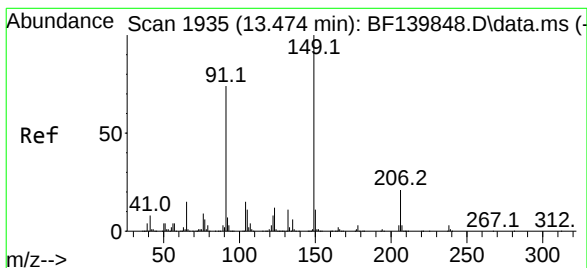
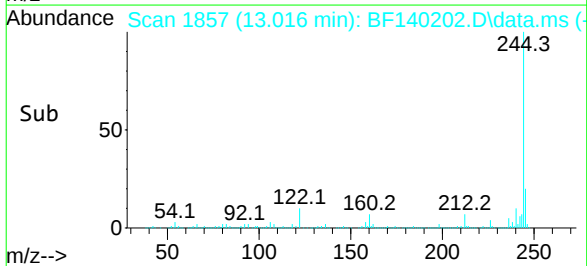
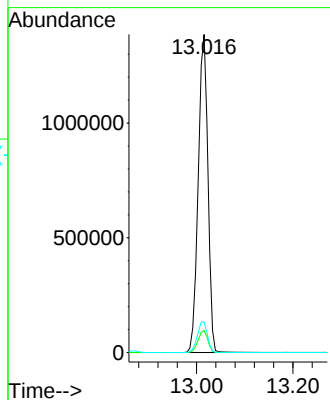
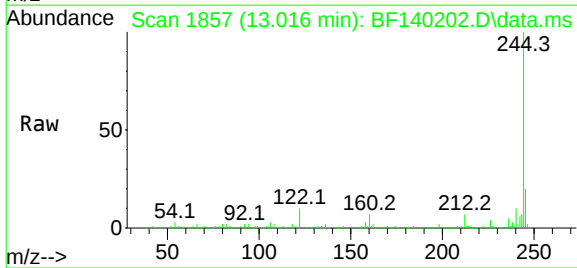
122 9.6 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#80

Butylbenzylphthalate

Concen: 54.418 ng

RT: 13.492 min Scan# 1938

Delta R.T. 0.018 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

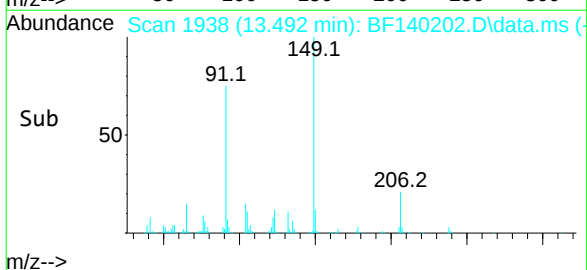
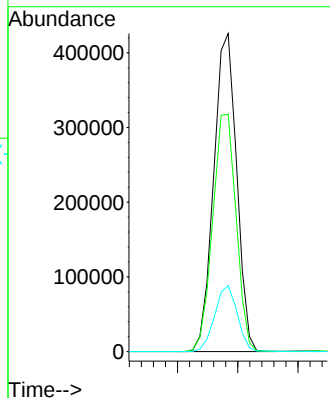
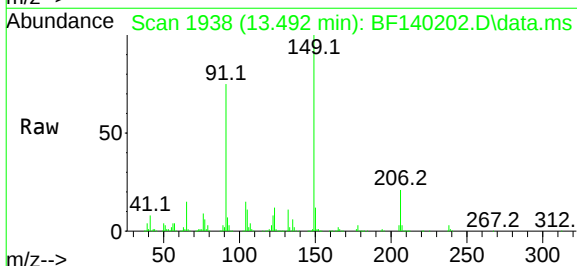
Tgt Ion:149 Resp: 563822

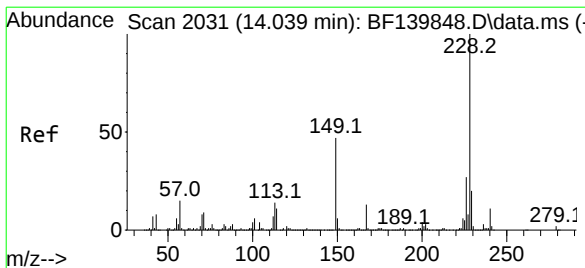
Ion Ratio Lower Upper

149 100

91 74.6 59.4 89.2

206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 44.713 ng

RT: 14.063 min Scan# 2031

Delta R.T. 0.024 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS

Tgt Ion:228 Resp: 1149166

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

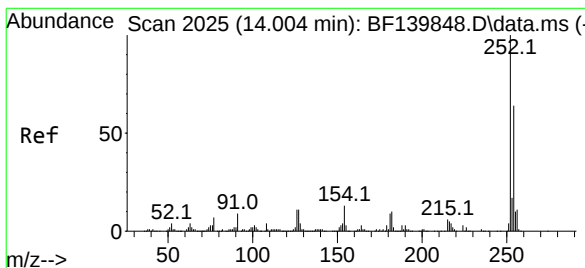
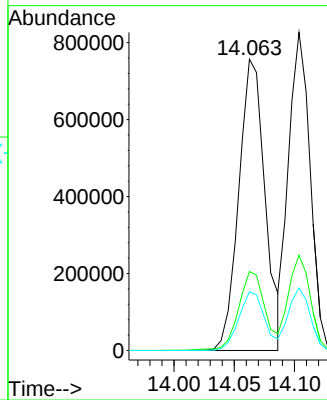
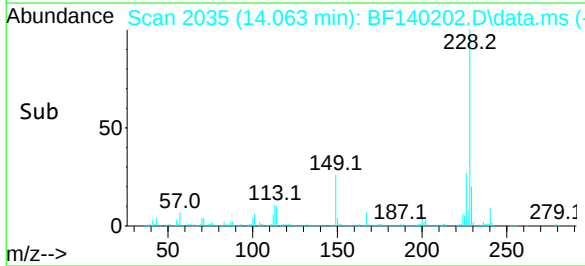
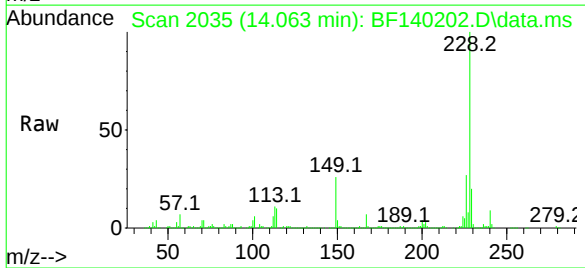
229 20.1 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#82

3,3'-Dichlorobenzidine

Concen: 37.480 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.024 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

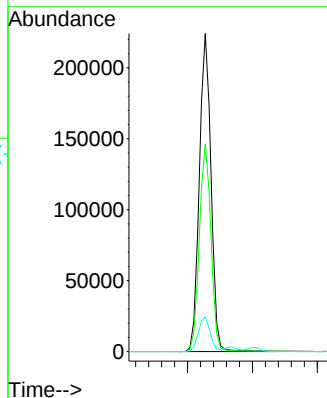
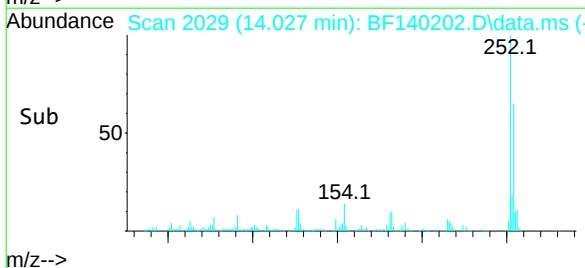
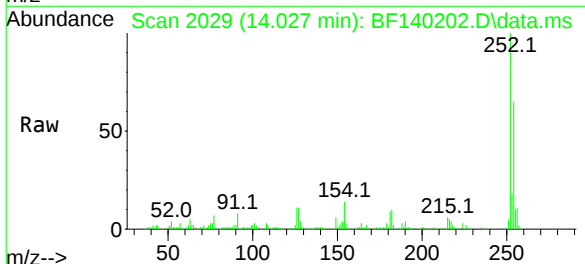
Tgt Ion:252 Resp: 280859

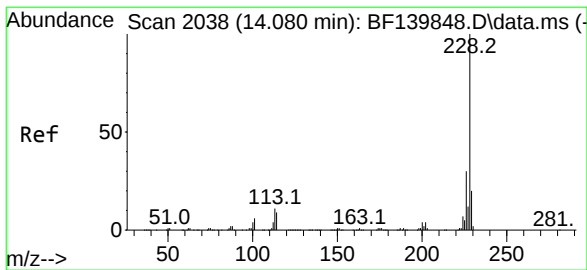
Ion Ratio Lower Upper

252 100

254 65.3 50.8 76.2

126 10.9 8.9 13.3





#83

Chrysene

Concen: 43.917 ng

RT: 14.104 min Scan# 2038

Delta R.T. 0.024 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS

Tgt Ion:228 Resp: 1034892

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

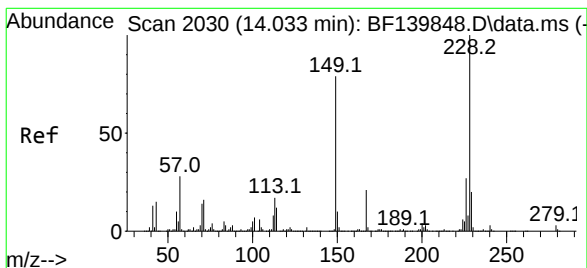
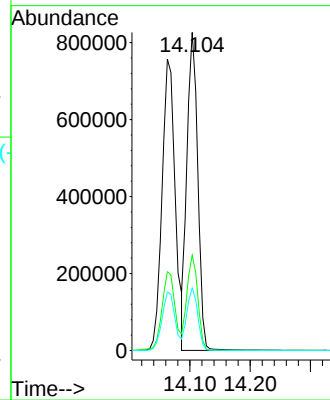
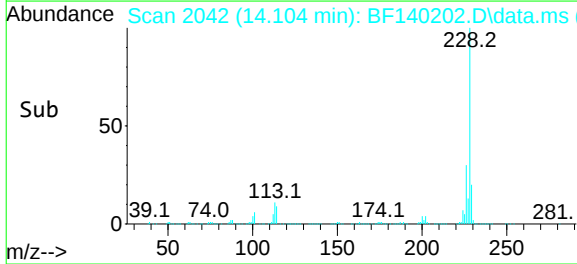
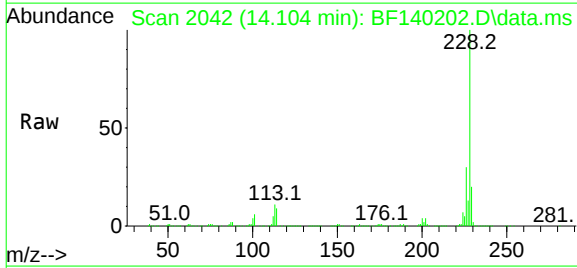
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.867 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.018 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

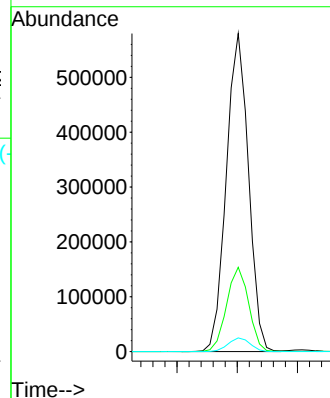
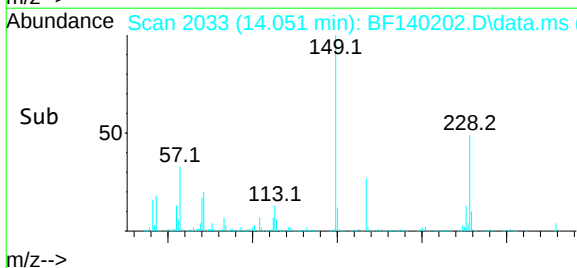
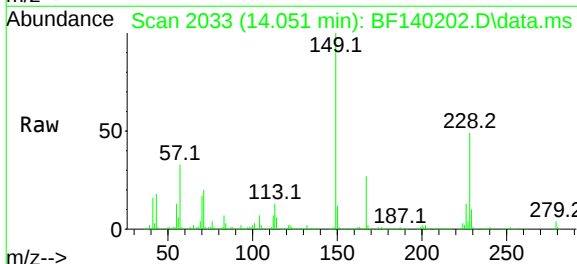
Tgt Ion:149 Resp: 742409

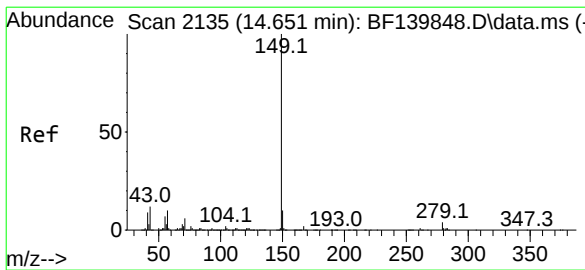
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 56.081 ng

RT: 14.668 min Scan# 2138

Delta R.T. 0.017 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS

Tgt Ion:149 Resp: 1185744

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

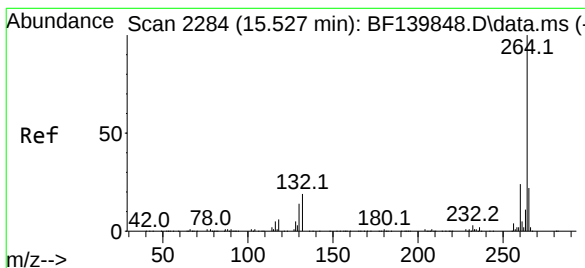
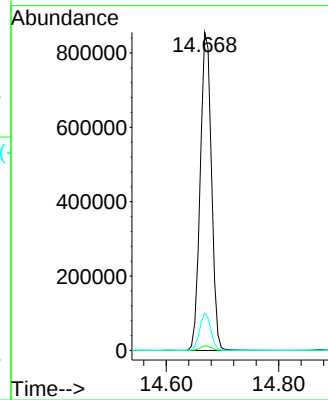
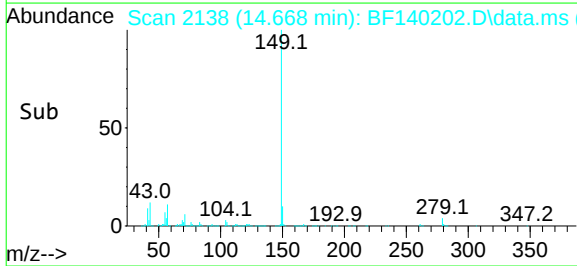
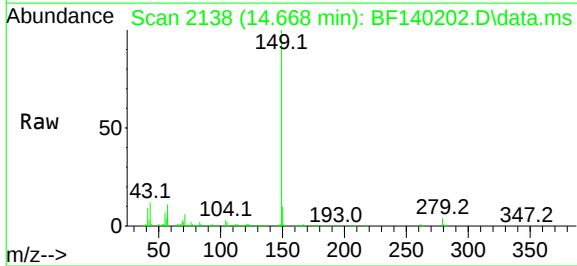
43 11.5 9.8 14.6

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: 15.574 min Scan# 2292

Delta R.T. 0.047 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

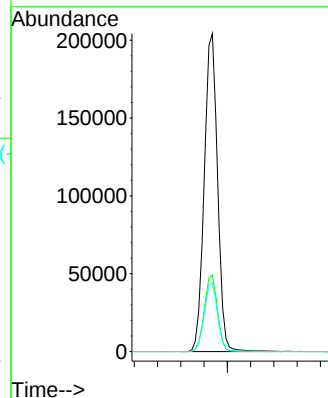
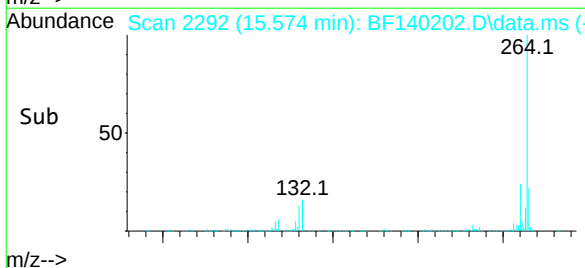
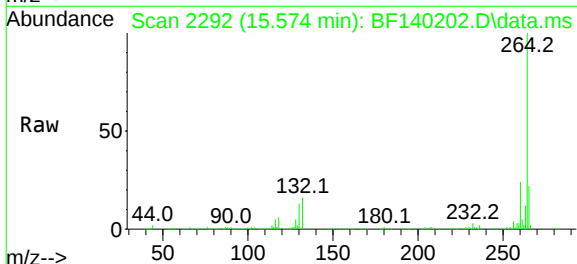
Tgt Ion:264 Resp: 324241

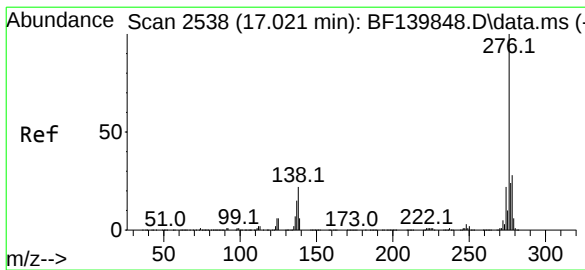
Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

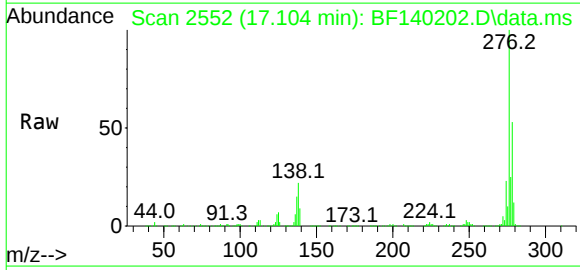
265 21.6 17.4 26.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.888 ng
 RT: 17.104 min Scan# 2516
 Delta R.T. 0.082 min
 Lab File: BF140202.D
 Acq: 01 Nov 2024 10:15

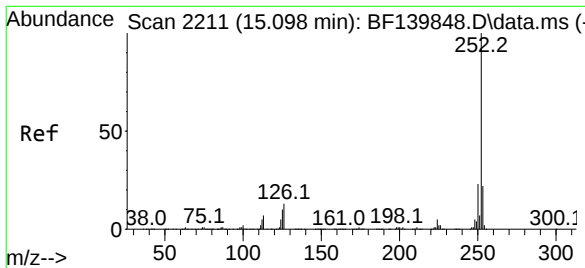
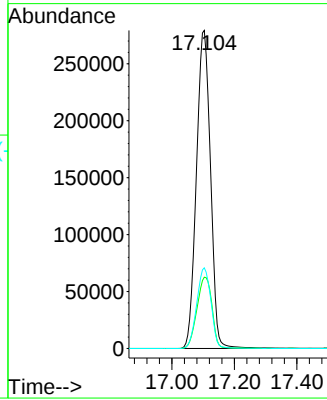
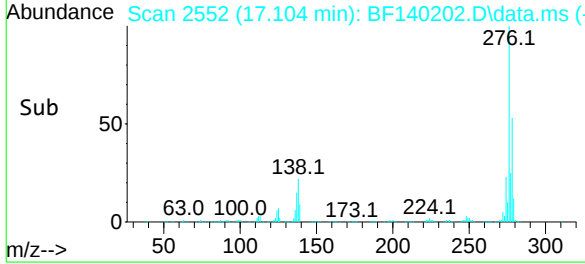
Instrument :
 BNA_F
 ClientSampleId :
 PB164558BS



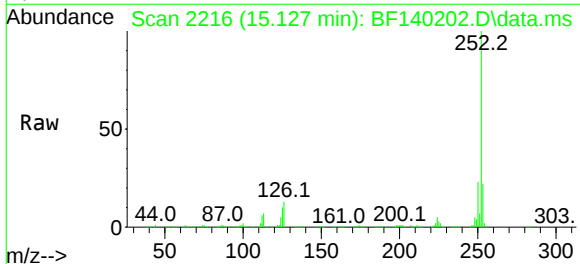
Tgt Ion: 276 Resp: 873757
 Ion Ratio Lower Upper
 276 100
 138 23.9 20.4 30.6
 277 25.6 20.2 30.4

Manual Integrations
 APPROVED

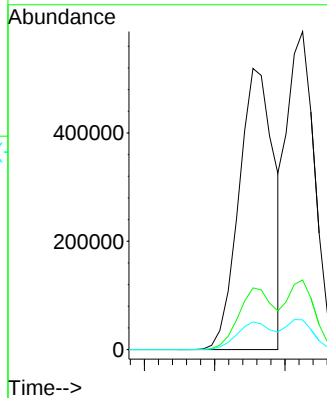
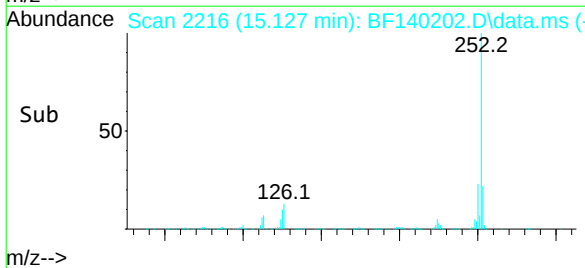
Reviewed By : Yogesh Patel 11/04/2024
 Supervised By : mohammad ahmed 11/04/2024

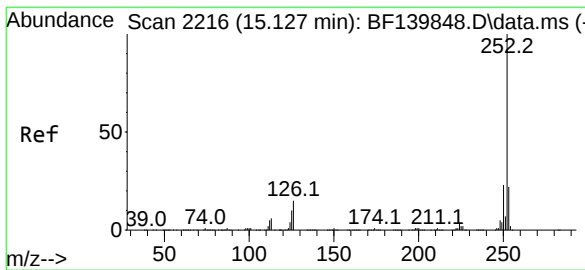


#88
 Benzo(b)fluoranthene
 Concen: 45.430 ng
 RT: 15.127 min Scan# 2216
 Delta R.T. 0.030 min
 Lab File: BF140202.D
 Acq: 01 Nov 2024 10:15



Tgt Ion: 252 Resp: 897299
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 47.439 ng

RT: 15.163 min Scan# 2216

Delta R.T. 0.035 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS

Tgt Ion:252 Resp: 808073

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

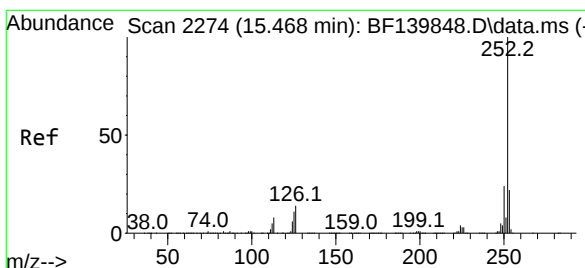
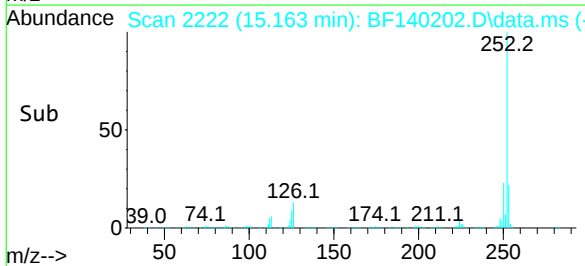
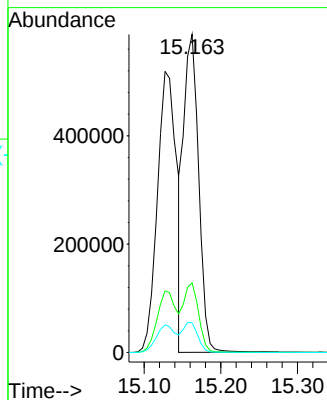
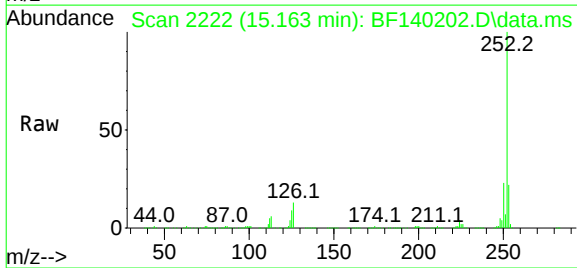
125 9.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#90

Benzo(a)pyrene

Concen: 47.371 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.041 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

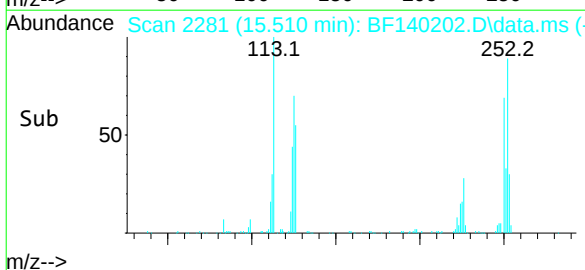
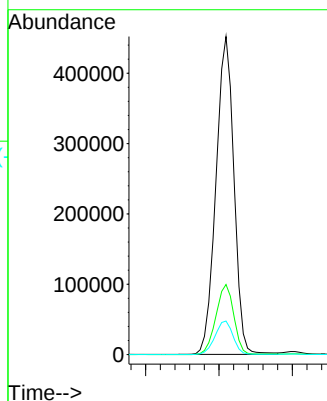
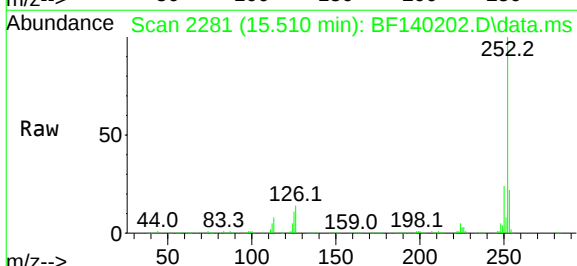
Tgt Ion:252 Resp: 769877

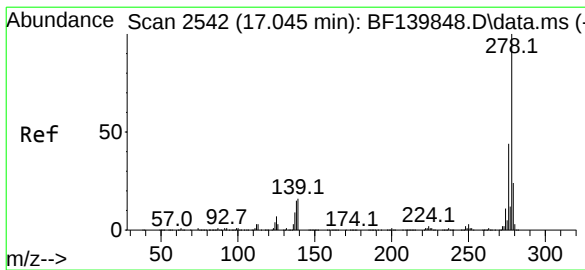
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 40.995 ng

RT: 17.121 min Scan# 2555

Delta R.T. 0.077 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164558BS

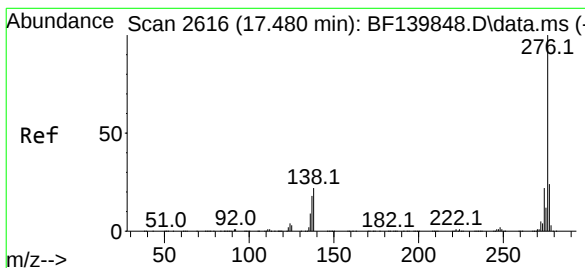
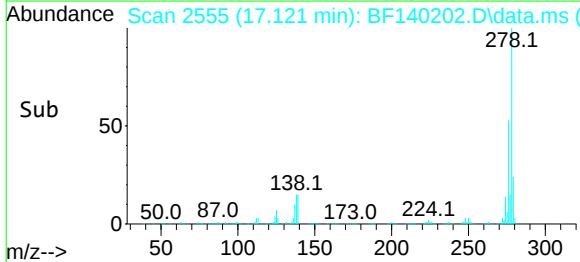
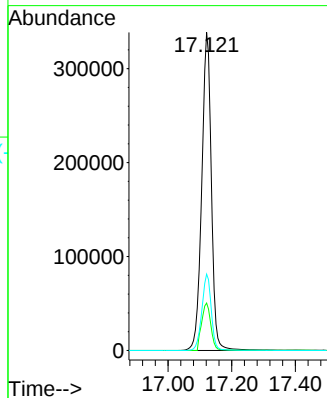
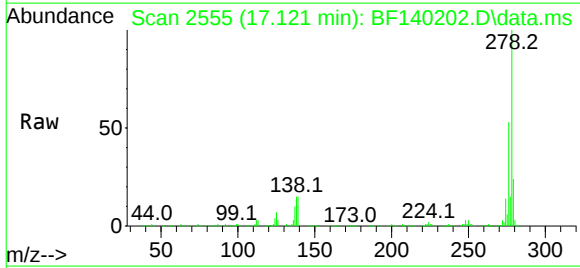
Tgt Ion:	278	Resp:	713366
Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.1	19.7
279	24.0	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#92

Benzo(g,h,i)perylene

Concen: 37.731 ng

RT: 17.568 min Scan# 2631

Delta R.T. 0.088 min

Lab File: BF140202.D

Acq: 01 Nov 2024 10:15

Tgt Ion:	276	Resp:	655826
Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	21.1	17.4	26.0

