

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139685.D
 Acq On : 07 Oct 2024 14:35
 Operator : RC/JU
 Sample : PB163902BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB163902BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 07 14:59:01 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 02 04:58:47 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	100095	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	391689	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	230281	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	448928	20.000	ng	0.00
76) Chrysene-d12	14.039	240	273215	20.000	ng	0.00
86) Perylene-d12	15.504	264	208036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	553335	95.816	ng	0.01
7) Phenol-d6	6.504	99	734302	94.552	ng	0.00
23) Nitrobenzene-d5	7.434	82	684647	88.498	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	207138	93.180	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1256347	83.755	ng	0.00
79) Terphenyl-d14	12.980	244	1509747	90.670	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	105750	42.355	ng	99
3) Pyridine	3.481	79	277261	45.660	ng	99
4) n-Nitrosodimethylamine	3.452	42	189741	47.737	ng	96
6) Aniline	6.534	93	356632	51.750	ng	99
8) 2-Chlorophenol	6.657	128	316635	51.175	ng	98
9) Benzaldehyde	6.416	77	100188	24.353	ng	99
10) Phenol	6.522	94	416124	50.957	ng	89
11) bis(2-Chloroethyl)ether	6.604	93	313128	47.094	ng	100
12) 1,3-Dichlorobenzene	6.810	146	321310	46.163	ng	99
13) 1,4-Dichlorobenzene	6.887	146	322832	45.795	ng	100
14) 1,2-Dichlorobenzene	7.040	146	308525	46.697	ng	100
15) Benzyl Alcohol	7.016	79	297384	50.117	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	550758	47.848	ng	79
17) 2-Methylphenol	7.128	107	259212	50.183	ng	99
18) Hexachloroethane	7.381	117	122094	46.433	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	239296	47.927	ng	98
20) 3+4-Methylphenols	7.281	107	321888	49.614	ng	95
22) Acetophenone	7.281	105	431574	46.418	ng	98
24) Nitrobenzene	7.457	77	366843	45.793	ng	99
25) Isophorone	7.693	82	653687	47.574	ng	100
26) 2-Nitrophenol	7.769	139	171334	49.751	ng	99
27) 2,4-Dimethylphenol	7.804	122	248881m	59.033	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	384475	46.859	ng	98
29) 2,4-Dichlorophenol	8.016	162	269825	49.067	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	272456	43.811	ng	100
31) Naphthalene	8.175	128	925954	46.236	ng	100
32) Benzoic acid	7.945	122	204268	48.726	ng	99
33) 4-Chloroaniline	8.222	127	117413	17.320	ng	99
34) Hexachlorobutadiene	8.287	225	175591	43.630	ng	99
35) Caprolactam	8.604	113	92938m	51.528	ng	
36) 4-Chloro-3-methylphenol	8.716	107	308180	49.507	ng	98
37) 2-Methylnaphthalene	8.863	142	610438	46.802	ng	99
38) 1-Methylnaphthalene	8.963	142	569133	44.640	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	283973	44.408	ng	99
41) Hexachlorocyclopentadiene	9.016	237	329647	168.123	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	203240	47.147	ng	99

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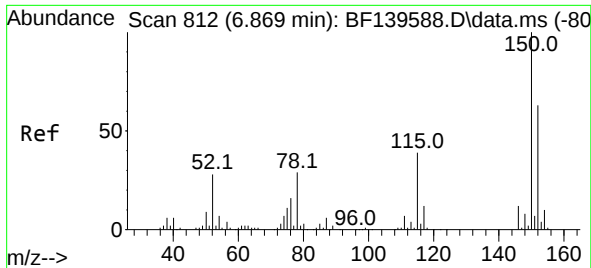
Quant Time: Oct 07 14:59:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
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Manual Integrations
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Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	216870	46.651	ng	99
46) 1,1'-Biphenyl	9.328	154	774495	45.219	ng	100
47) 2-Chloronaphthalene	9.357	162	575827	44.846	ng	99
48) 2-Nitroaniline	9.451	65	226385	49.116	ng	98
49) Acenaphthylene	9.769	152	951796	48.743	ng	99
50) Dimethylphthalate	9.634	163	727668	48.272	ng	100
51) 2,6-Dinitrotoluene	9.698	165	160416	47.108	ng	93
52) Acenaphthene	9.939	154	697764m	52.052	ng	
53) 3-Nitroaniline	9.863	138	117596	33.793	ng	97
54) 2,4-Dinitrophenol	9.975	184	199141	108.728	ng	98
55) Dibenzofuran	10.116	168	878524	46.807	ng	100
56) 4-Nitrophenol	10.034	139	262912	99.074	ng	99
57) 2,4-Dinitrotoluene	10.104	165	213859	48.047	ng	95
58) Fluorene	10.457	166	703720	47.074	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	190728	50.796	ng	99
60) Diethylphthalate	10.328	149	741788	47.642	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	341535	45.666	ng	98
62) 4-Nitroaniline	10.486	138	177621	49.901	ng	98
63) Azobenzene	10.610	77	756440	48.309	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	131001	51.668	ng	97
66) n-Nitrosodiphenylamine	10.569	169	628509	47.496	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	206931	44.957	ng	99
68) Hexachlorobenzene	11.004	284	230531	45.135	ng	99
69) Atrazine	11.098	200	204756	57.671	ng	98
70) Pentachlorophenol	11.204	266	271923	89.410	ng	99
71) Phenanthrene	11.422	178	1011818	47.801	ng	100
72) Anthracene	11.475	178	1044748	49.890	ng	100
73) Carbazole	11.628	167	971439	48.300	ng	100
74) Di-n-butylphthalate	11.951	149	1191401	48.713	ng	99
75) Fluoranthene	12.610	202	1121318	48.460	ng	100
77) Benzidine	12.727	184	391839	81.308	ng	99
78) Pyrene	12.839	202	1145049	46.859	ng	99
80) Butylbenzylphthalate	13.451	149	460085	52.638	ng	99
81) Benzo(a)anthracene	14.027	228	891569	49.634	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	193599	35.216	ng	100
83) Chrysene	14.063	228	781572	47.591	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	603106	55.258	ng	99
85) Di-n-octyl phthalate	14.621	149	859040	53.575	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	619756	50.615	ng	100
88) Benzo(b)fluoranthene	15.074	252	672649	50.006	ng	99
89) Benzo(k)fluoranthene	15.104	252	559417	49.027	ng	99
90) Benzo(a)pyrene	15.445	252	558749	52.681	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	507642	49.986	ng	99
92) Benzo(g,h,i)perylene	17.433	276	472795	46.420	ng	100

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



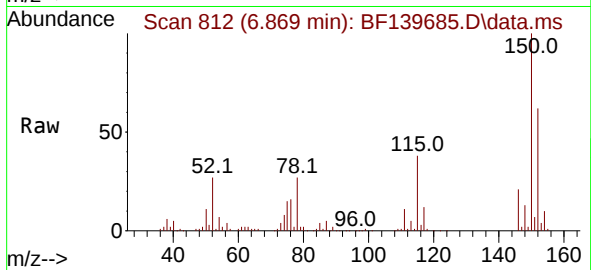
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: BF139685.D
 Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS



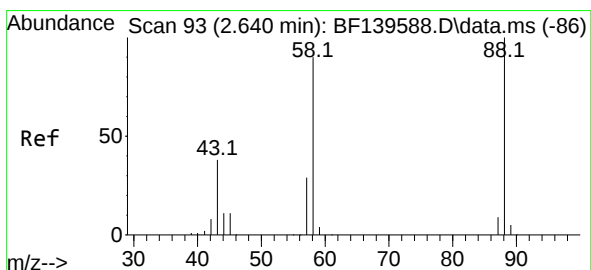
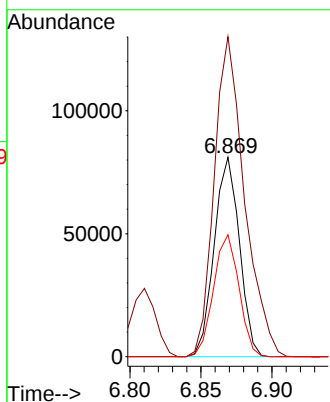
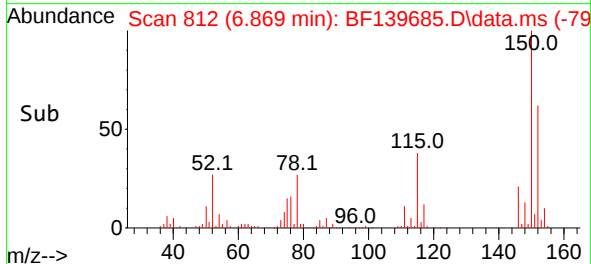
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 Ion Ratio Lower Upper
 152 100
 150 160.6 127.2 190.8
 115 61.2 49.0 73.4

Manual Integrations

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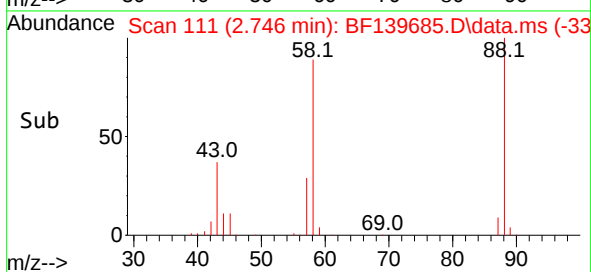
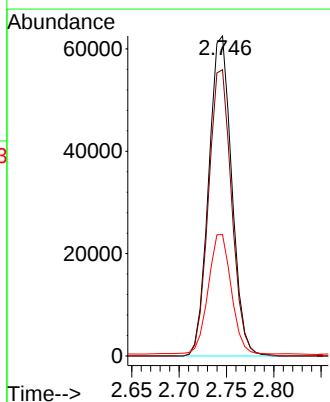
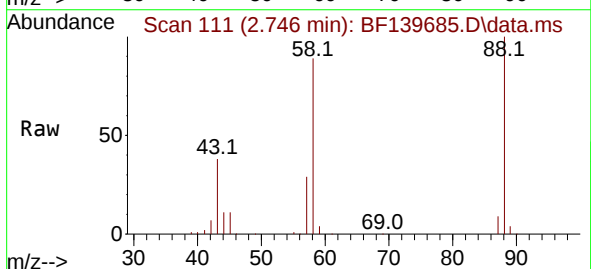
Reviewed By :Yogesh Patel 10/09/2024

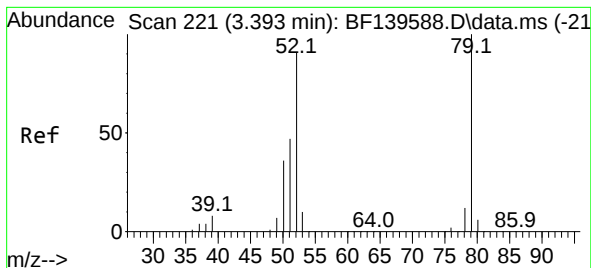
Supervised By :mohammad ahmed 10/09/2024



#2
 1,4-Dioxane
 Concen: 42.355 ng
 RT: 2.746 min Scan# 111
 Delta R.T. 0.106 min
 Lab File: BF139685.D
 Acq: 07 Oct 2024 14:35

Tgt Ion: 88 Resp: 105750
 Ion Ratio Lower Upper
 88 100
 58 90.1 72.0 108.0
 43 37.5 30.8 46.2





#3

Pyridine

Concen: 45.660 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

Tgt Ion: 79 Resp: 27726

Ion Ratio Lower Upper

79 100

52 90.8 72.6 109.0

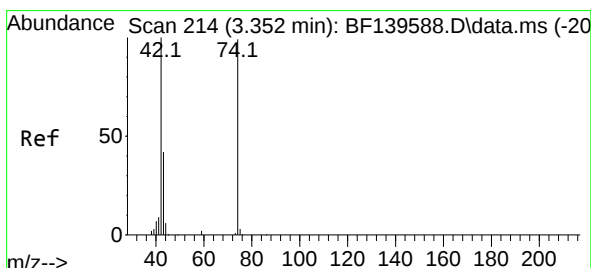
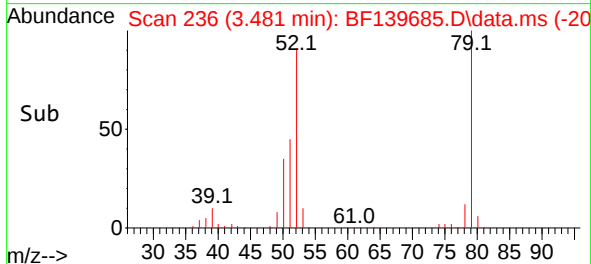
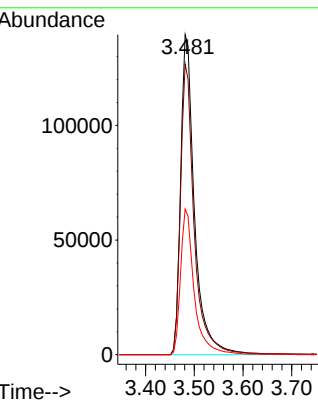
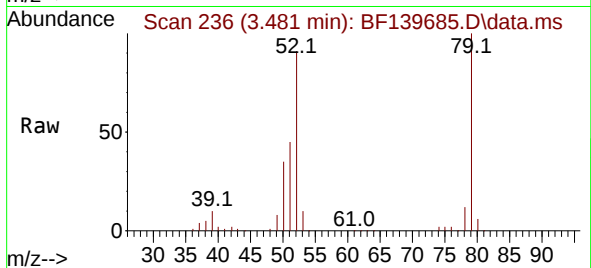
51 45.5 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#4

n-Nitrosodimethylamine

Concen: 47.737 ng

RT: 3.452 min Scan# 231

Delta R.T. 0.100 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

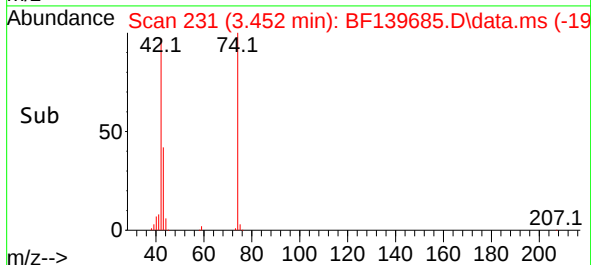
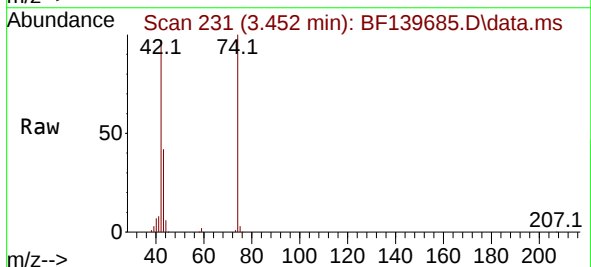
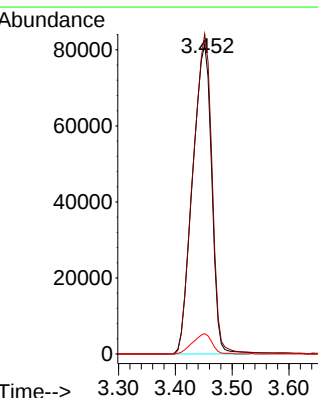
Tgt Ion: 42 Resp: 189741

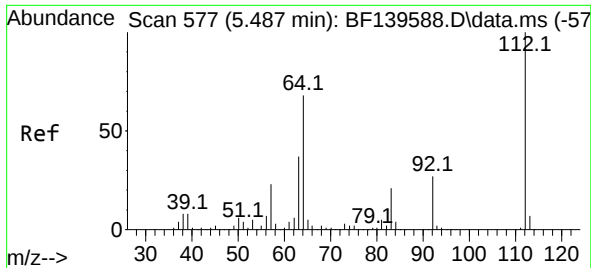
Ion Ratio Lower Upper

42 100

74 103.3 79.0 118.6

44 6.5 5.2 7.8





#5
2-Fluorophenol
Concen: 95.816 ng
RT: 5.499 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

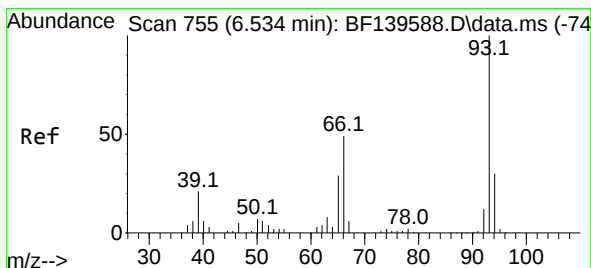
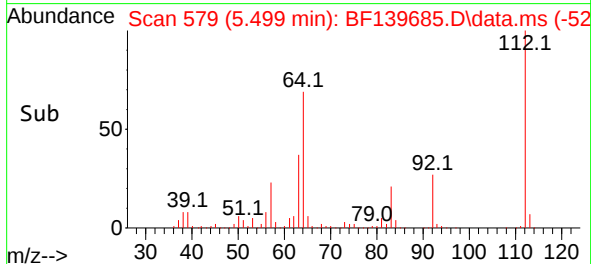
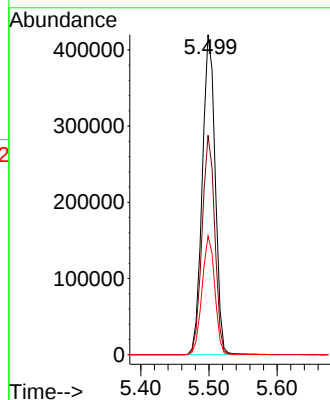
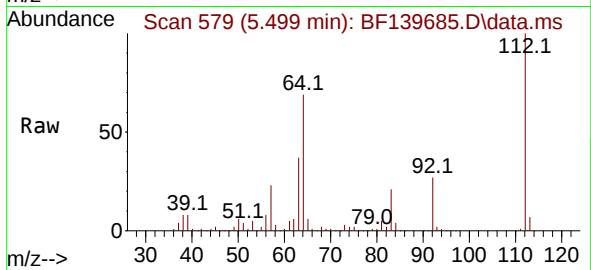
PB163902BS

Tgt Ion:112 Resp: 55333
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 37.1 29.4 44.2

Manual Integrations

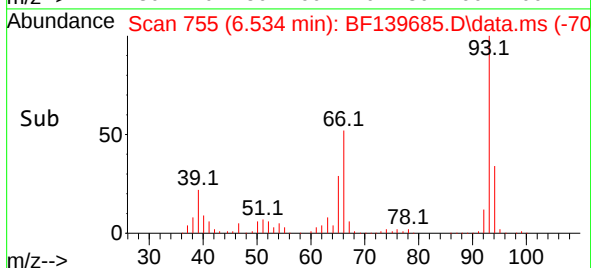
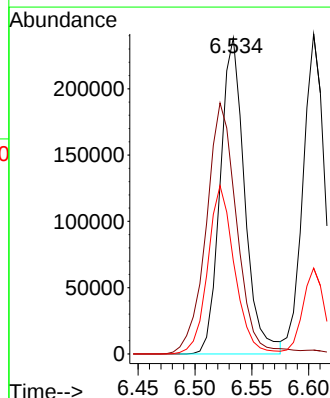
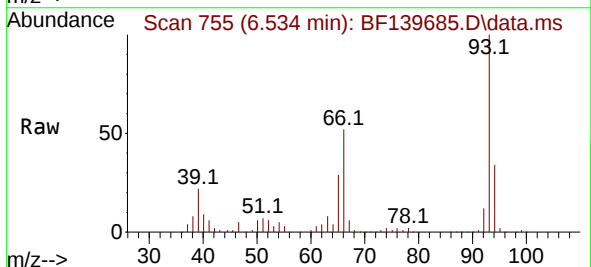
APPROVED

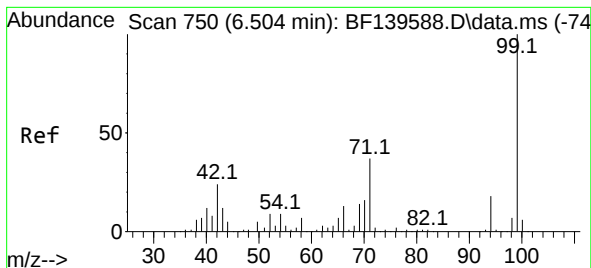
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#6
Aniline
Concen: 51.750 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion: 93 Resp: 356632
Ion Ratio Lower Upper
93 100
66 51.8 40.9 61.3
65 29.5 23.3 34.9





#7

Phenol-d6

Concen: 94.552 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

Tgt Ion: 99 Resp: 73430

Ion Ratio Lower Upper

99 100

42 23.1 19.1 28.7

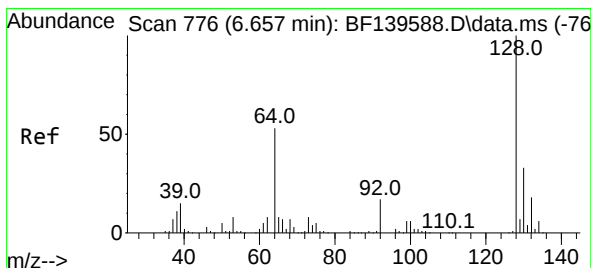
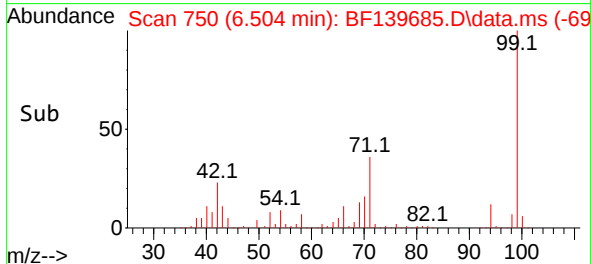
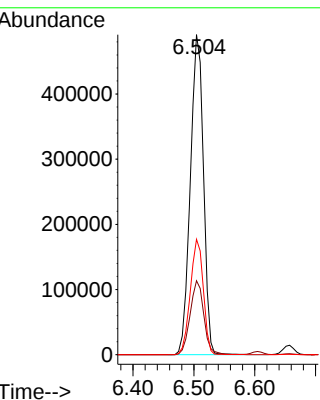
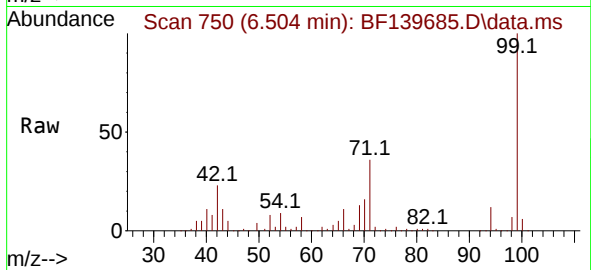
71 36.1 29.7 44.5

Manual Integrations

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Supervised By :mohammad ahmed 10/09/2024



#8

2-Chlorophenol

Concen: 51.175 ng

RT: 6.657 min Scan# 776

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

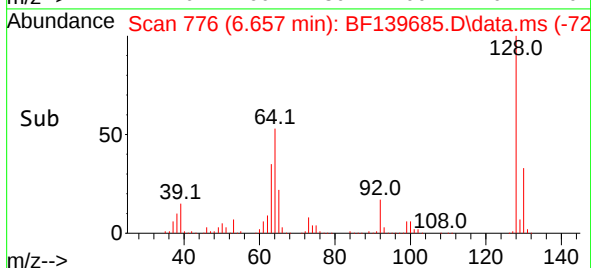
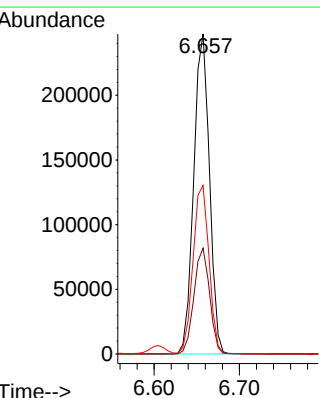
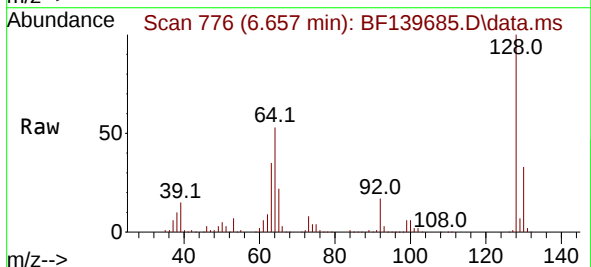
Tgt Ion:128 Resp: 316635

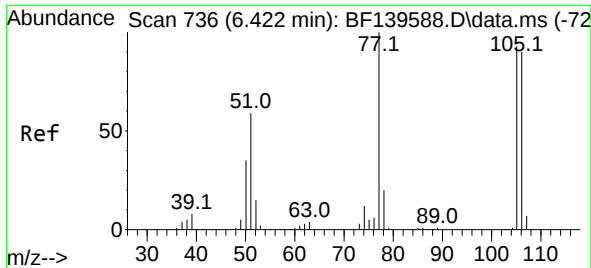
Ion Ratio Lower Upper

128 100

130 33.1 13.2 53.2

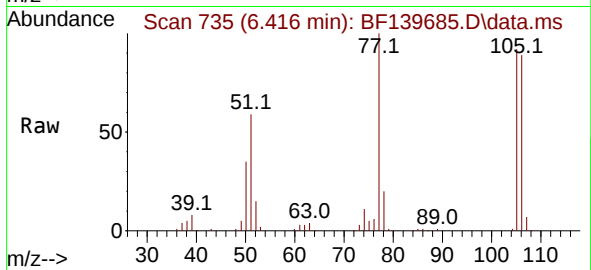
64 52.6 35.1 75.1





#9
Benzaldehyde
Concen: 24.353 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

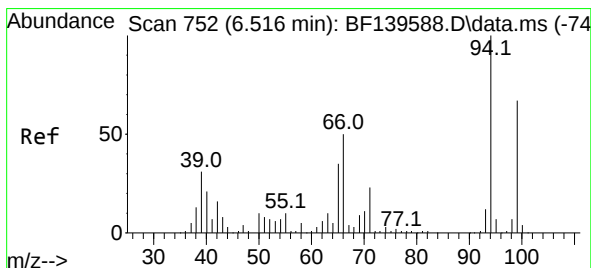
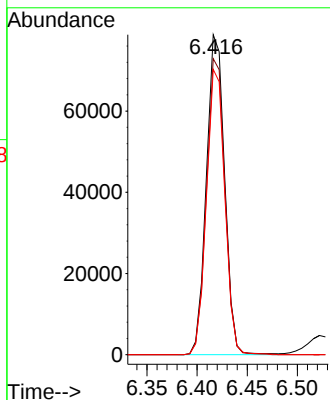
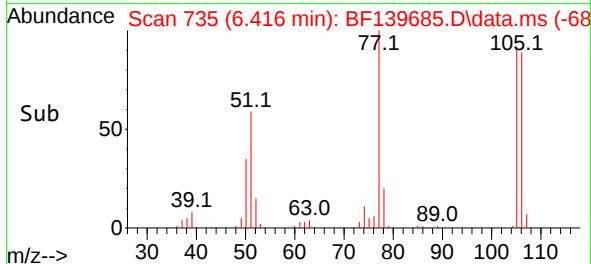
Instrument :
BNA_F
ClientSampleId :
PB163902BS



Tgt Ion: 77 Resp: 10018
Ion Ratio Lower Upper
77 100
105 92.5 72.7 112.7
106 89.1 70.1 110.1

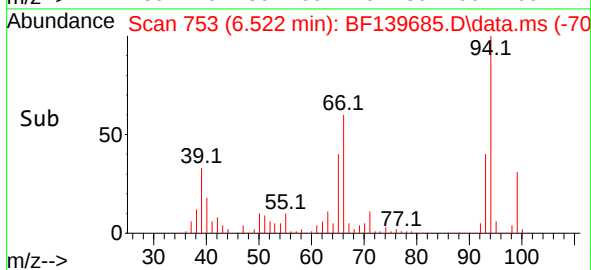
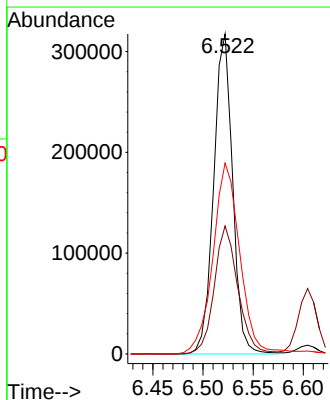
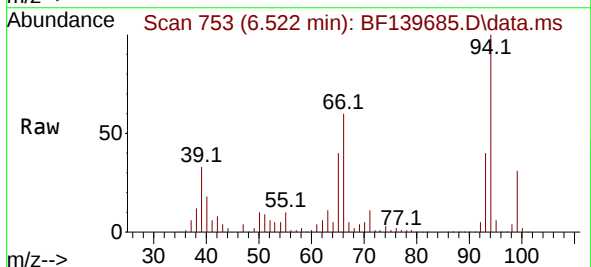
Manual Integrations
APPROVED

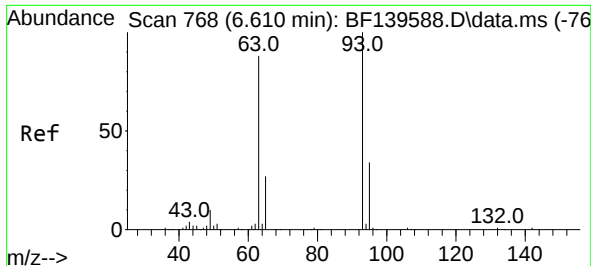
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#10
Phenol
Concen: 50.957 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion: 94 Resp: 416124
Ion Ratio Lower Upper
94 100
65 40.0 15.3 55.3
66 59.6 30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 47.094 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

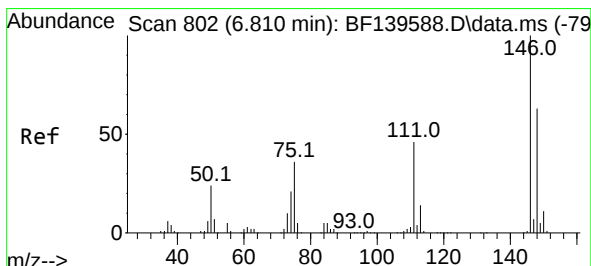
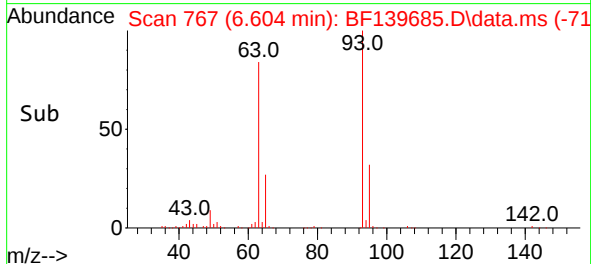
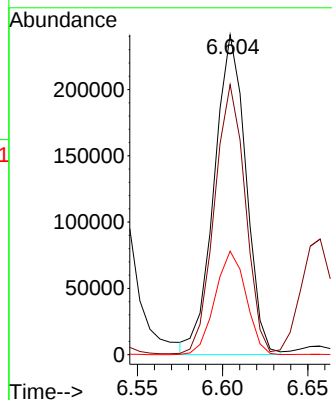
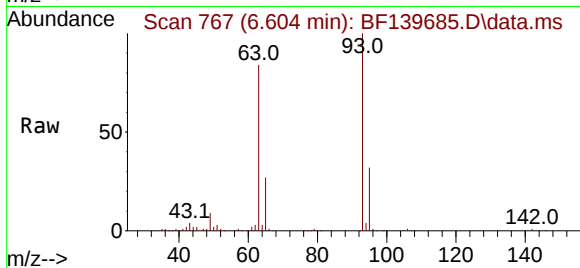
ClientSampleId :

PB163902BS

Tgt Ion: 93 Resp: 313128
Ion Ratio Lower Upper
93 100
63 84.4 64.1 104.1
95 32.3 12.3 52.3

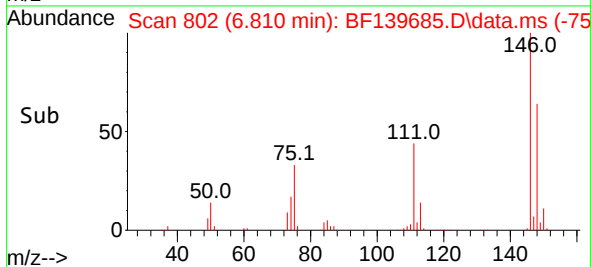
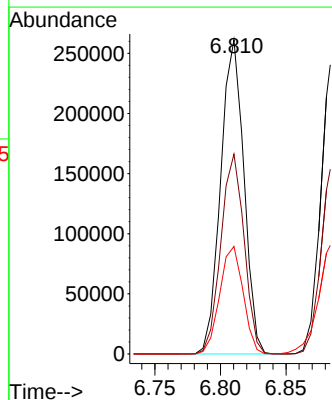
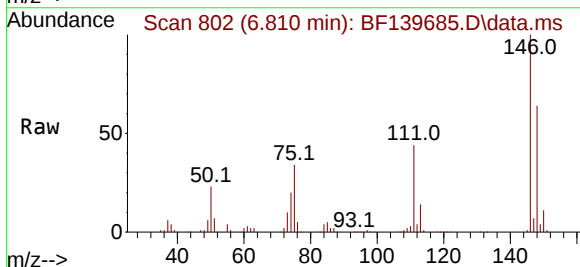
Manual Integrations
APPROVED

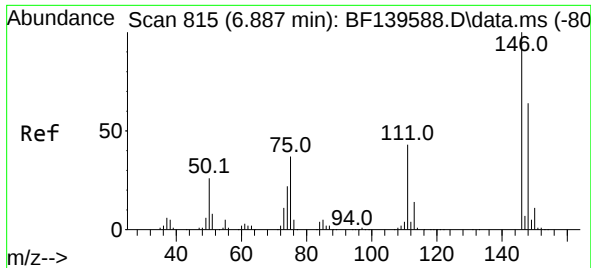
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#12
1,3-Dichlorobenzene
Concen: 46.163 ng
RT: 6.810 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:146 Resp: 321310
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.4
75 34.2 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 45.795 ng

RT: 6.887 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

Tgt Ion:146 Resp: 32283

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

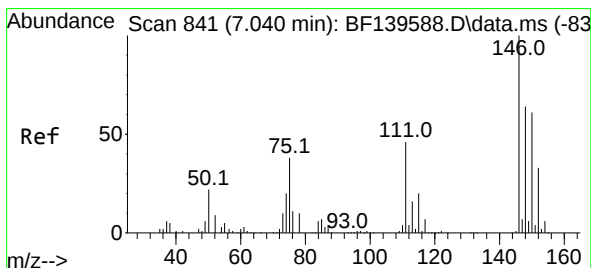
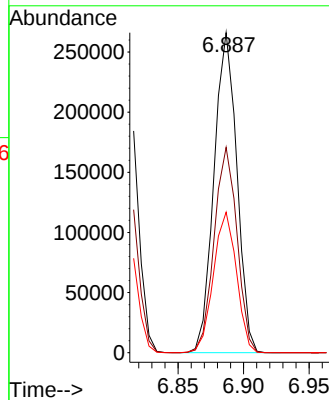
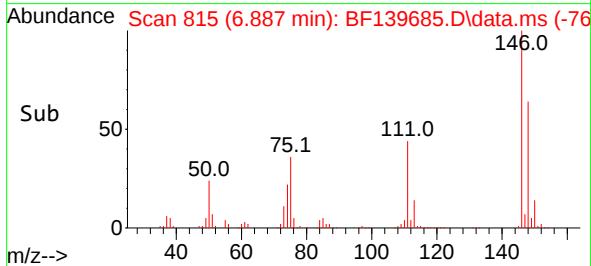
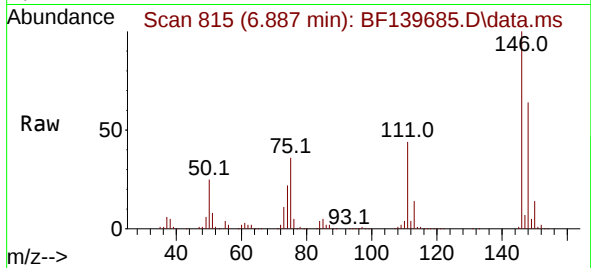
111 43.9 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#14

1,2-Dichlorobenzene

Concen: 46.697 ng

RT: 7.040 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

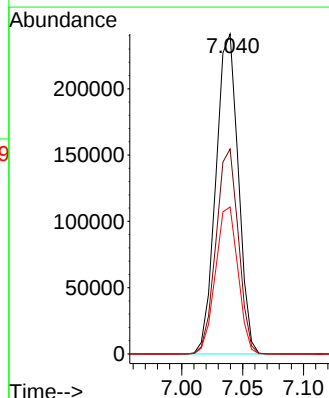
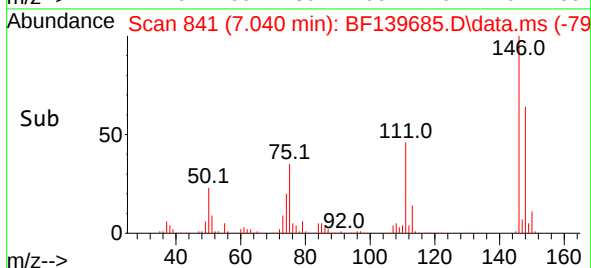
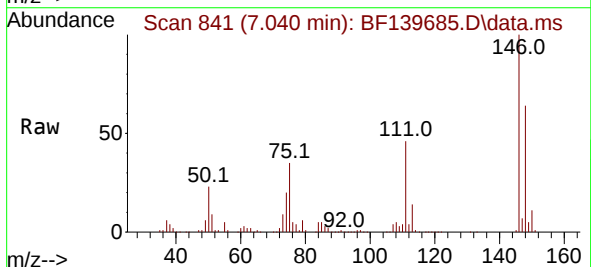
Tgt Ion:146 Resp: 308525

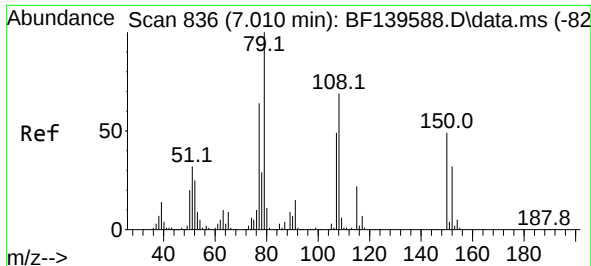
Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

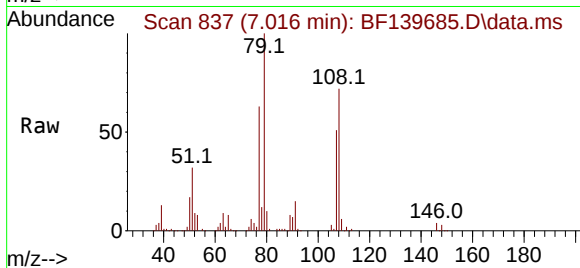
111 45.9 37.0 55.6





#15
Benzyl Alcohol
Concen: 50.117 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

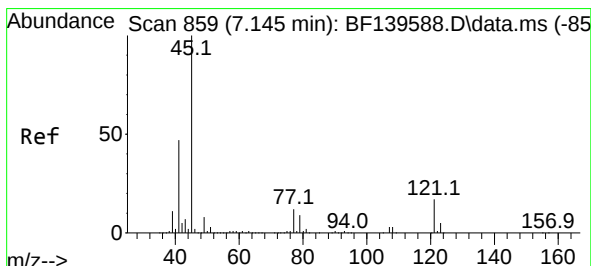
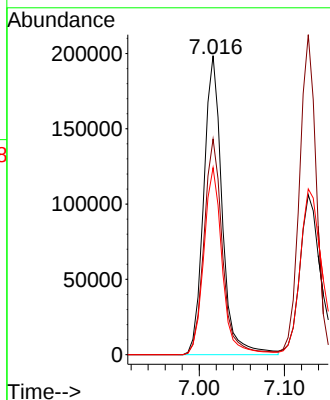
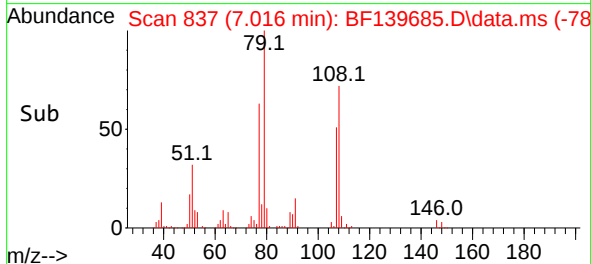
Instrument :
BNA_F
ClientSampleId :
PB163902BS



Tgt Ion: 79 Resp: 297384
Ion Ratio Lower Upper
79 100
108 72.1 55.1 82.7
77 62.6 50.8 76.2

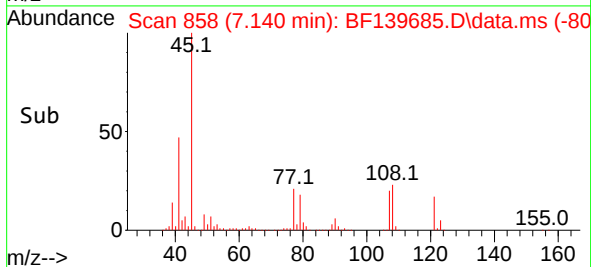
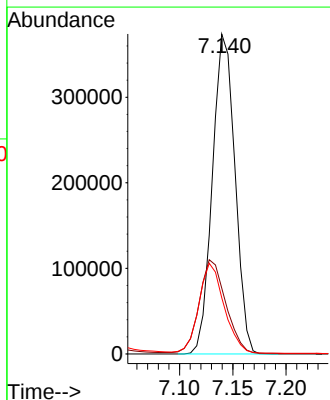
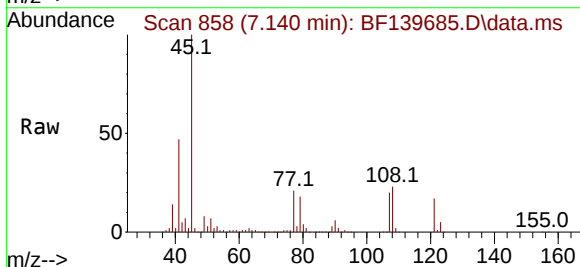
Manual Integrations
APPROVED

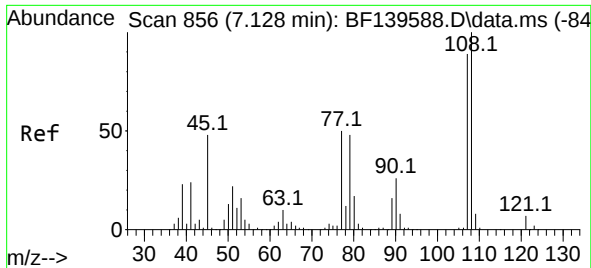
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.848 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion: 45 Resp: 550758
Ion Ratio Lower Upper
45 100
77 20.6 0.0 32.5
79 17.6 0.0 29.7





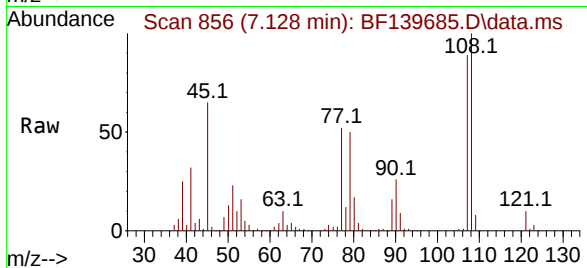
#17
2-Methylphenol
Concen: 50.183 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

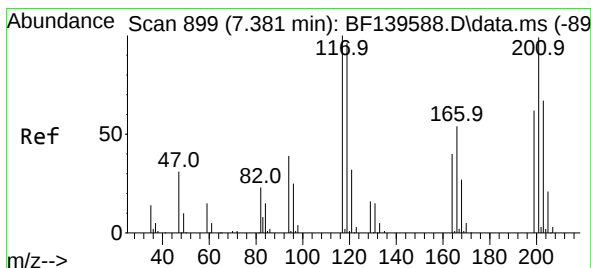
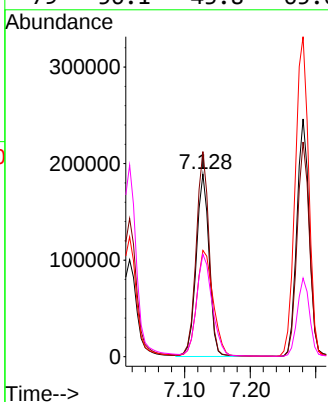
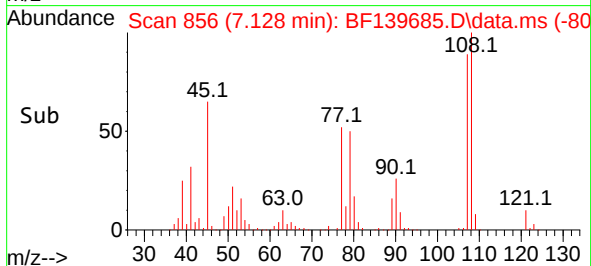


Tgt Ion:107 Resp: 25921
Ion Ratio Lower Upper
107 100
108 112.4 89.8 134.6
77 58.2 44.6 67.0
79 56.1 43.8 65.6

Manual Integrations

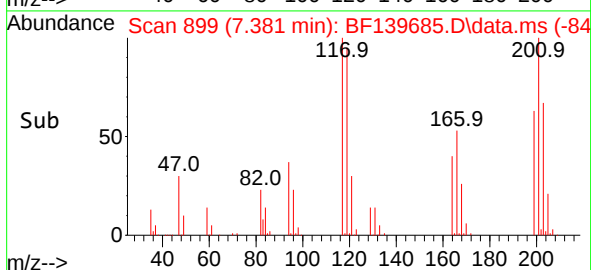
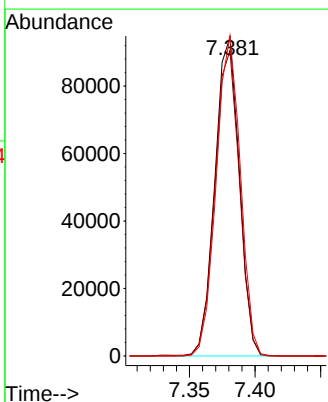
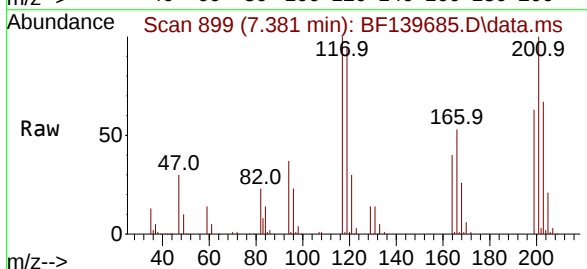
APPROVED

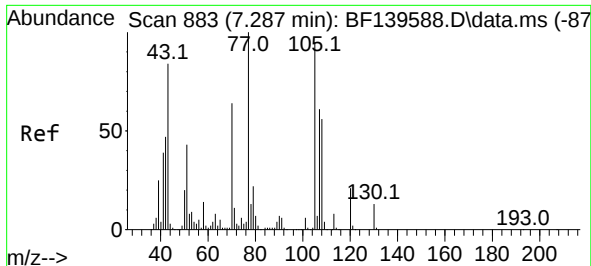
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#18
Hexachloroethane
Concen: 46.433 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:117 Resp: 122094
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.6
201 100.4 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 47.927 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

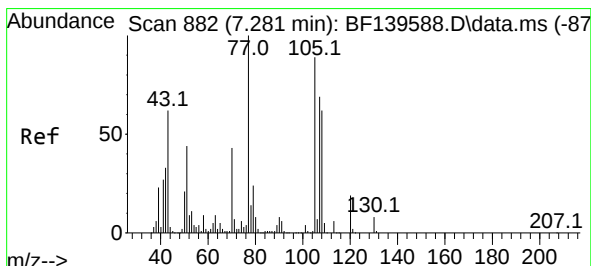
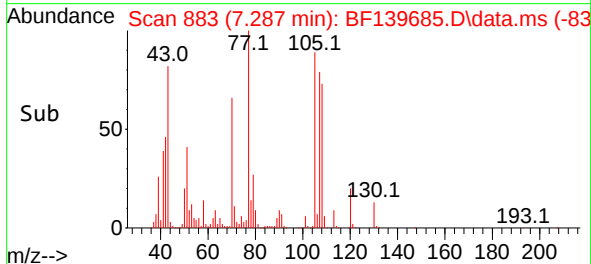
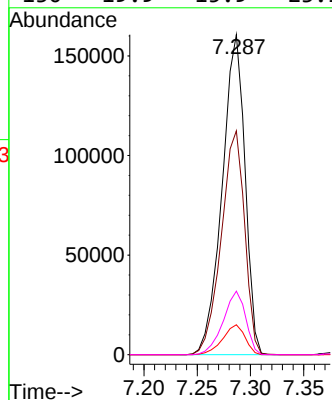
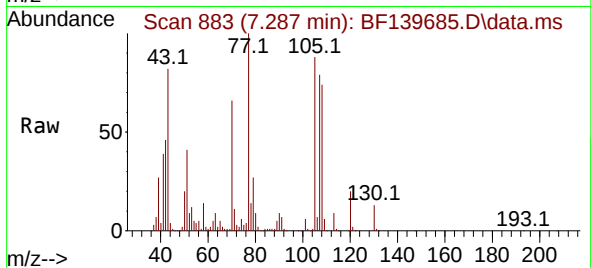
PB163902BS

Tgt Ion: 70 Resp: 239290
Ion Ratio Lower Upper
70 100
42 69.9 58.0 87.0
101 9.4 7.8 11.8
130 19.9 15.9 23.9

Manual Integrations

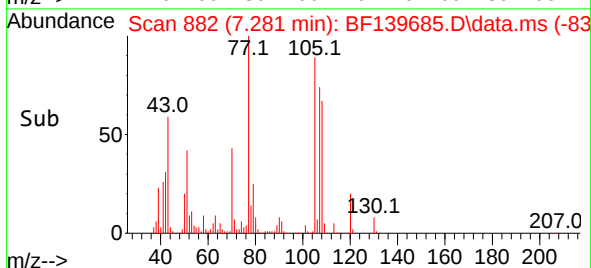
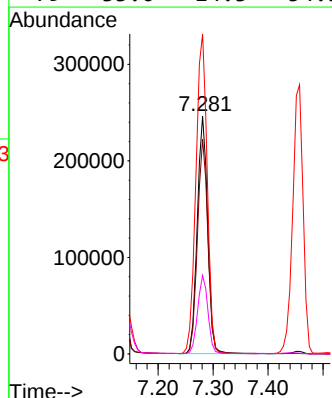
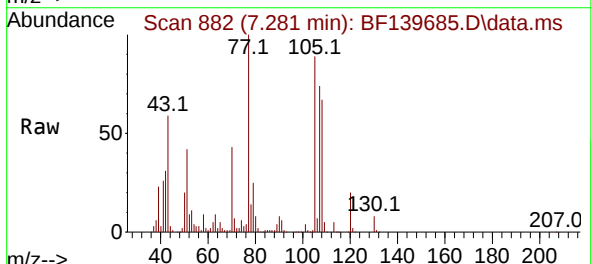
APPROVED

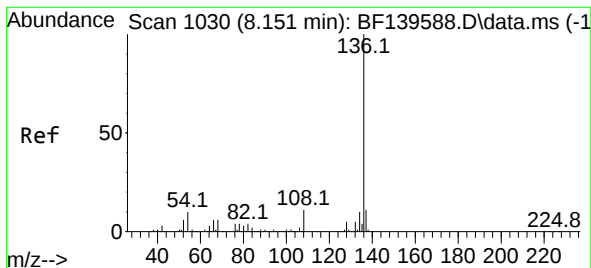
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#20
3+4-Methylphenols
Concen: 49.614 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:107 Resp: 321888
Ion Ratio Lower Upper
107 100
108 90.3 70.2 110.2
77 134.6 125.3 165.3
79 33.0 14.3 54.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

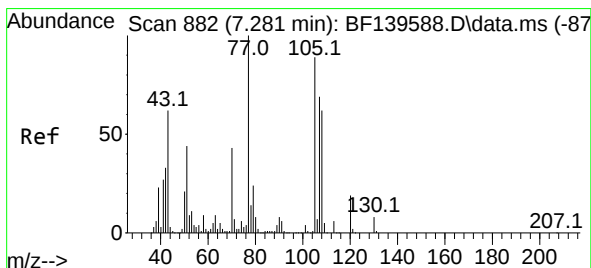
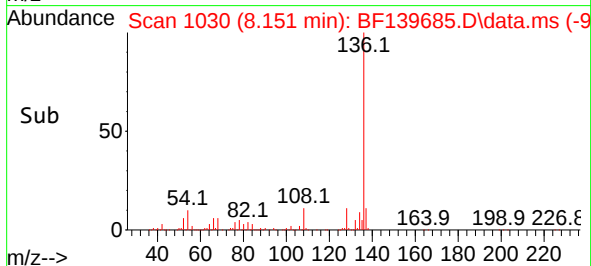
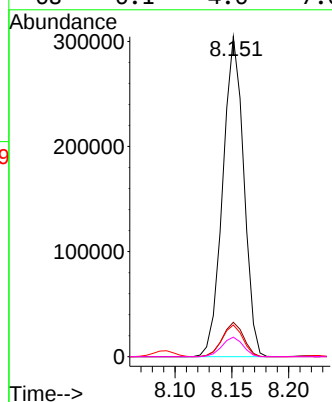
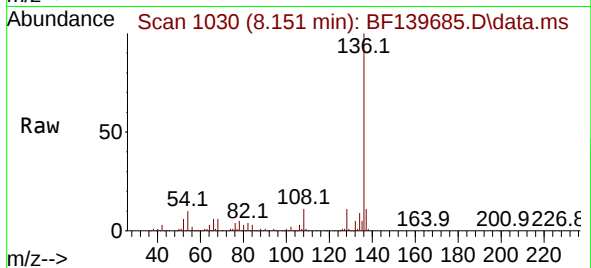
PB163902BS

Tgt Ion:136 Resp: 391689
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.9 8.3 12.5
68 6.1 4.6 7.0

Manual Integrations

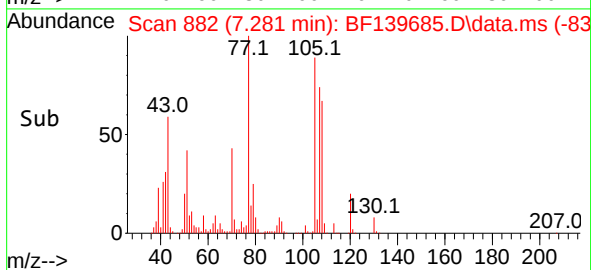
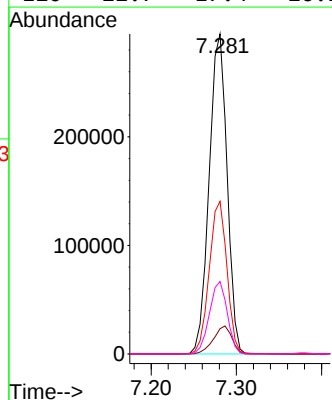
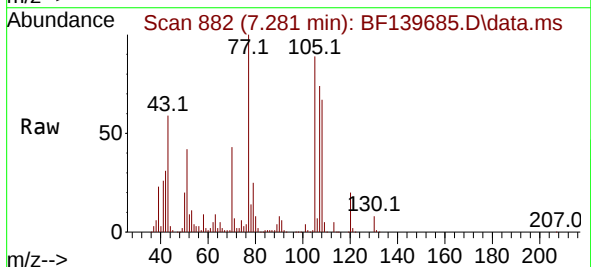
APPROVED

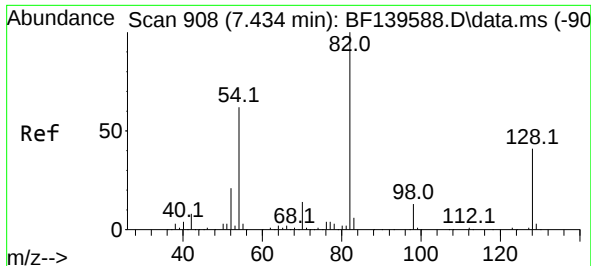
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#22
Acetophenone
Concen: 46.418 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:105 Resp: 431574
Ion Ratio Lower Upper
105 100
71 7.9 6.6 10.0
51 47.7 39.4 59.0
120 22.7 17.4 26.2





#23

Nitrobenzene-d5

Concen: 88.498 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

Tgt Ion: 82 Resp: 68464

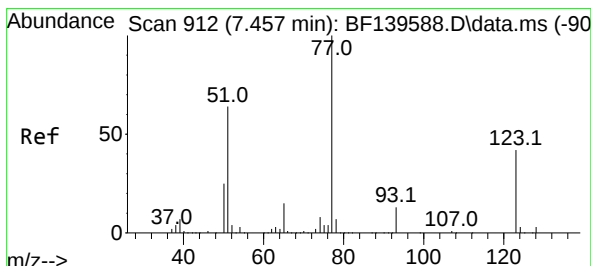
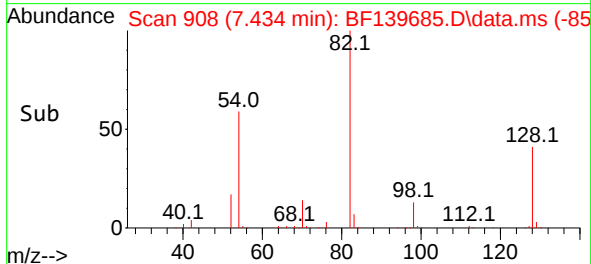
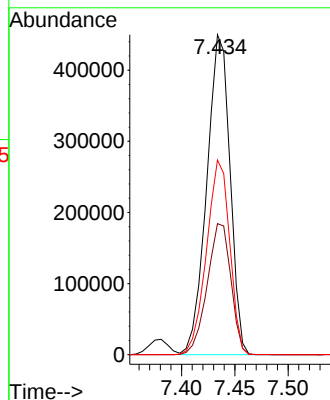
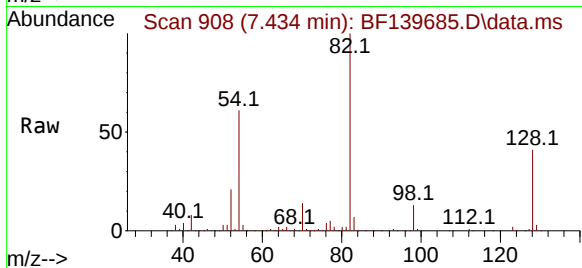
Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.4	48.6
54	60.8	49.1	73.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#24

Nitrobenzene

Concen: 45.793 ng

RT: 7.457 min Scan# 912

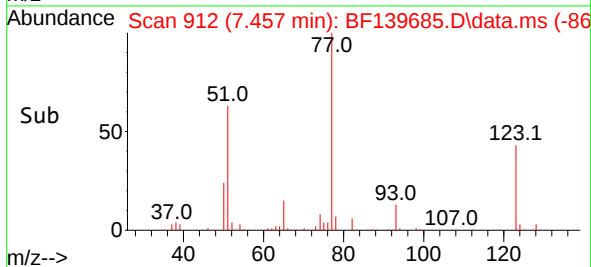
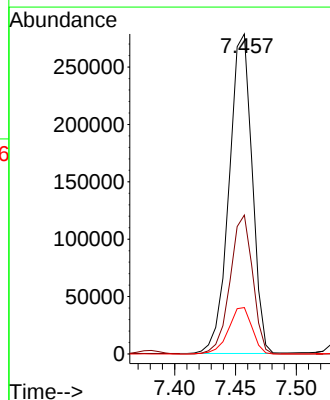
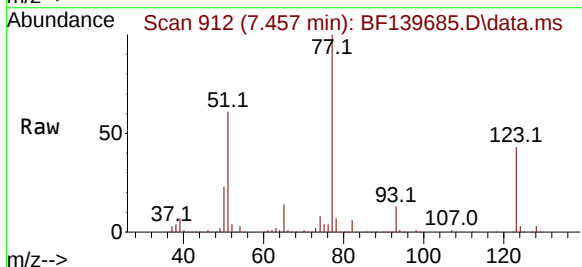
Delta R.T. 0.000 min

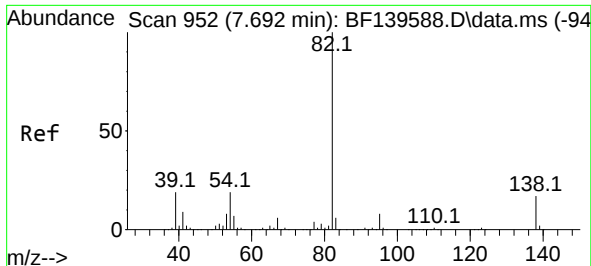
Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Tgt Ion: 77 Resp: 366843

Ion	Ratio	Lower	Upper
77	100		
123	43.4	34.2	51.4
65	14.5	12.1	18.1





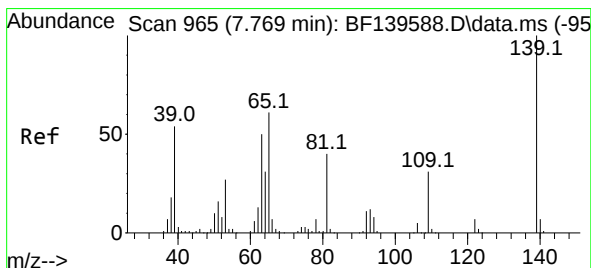
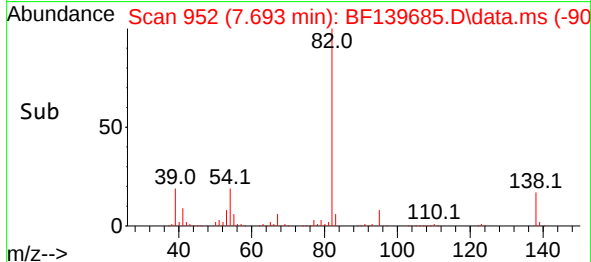
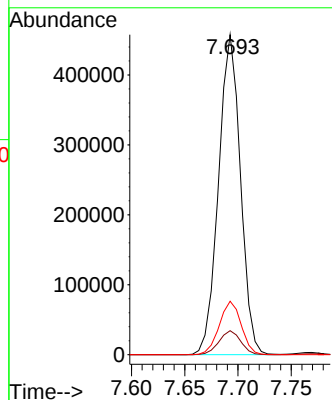
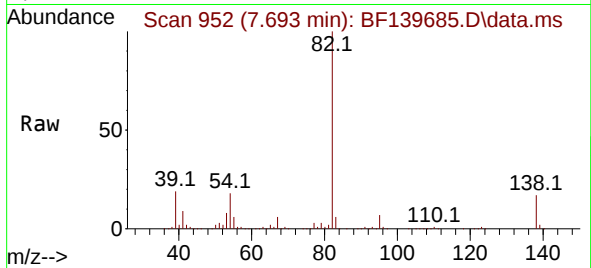
#25
Isophorone
Concen: 47.574 ng
RT: 7.693 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :
BNA_F
ClientSampleId :
PB163902BS

Tgt Ion: 82 Resp: 65368
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.7 13.4 20.2

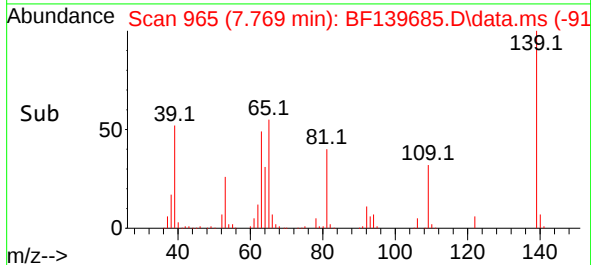
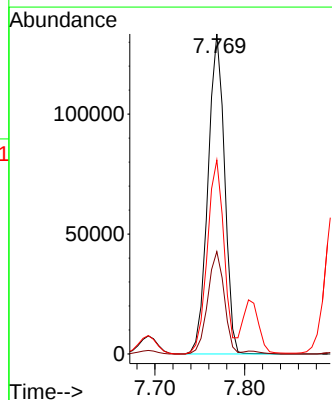
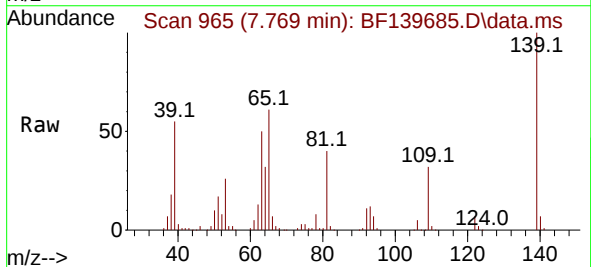
Manual Integrations
APPROVED

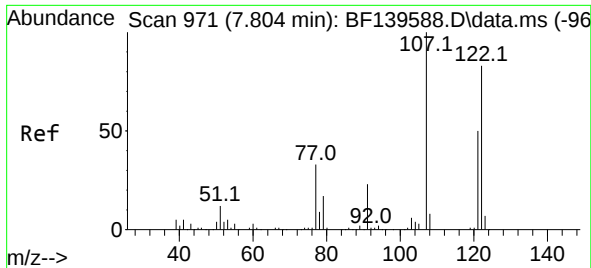
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#26
2-Nitrophenol
Concen: 49.751 ng
RT: 7.769 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

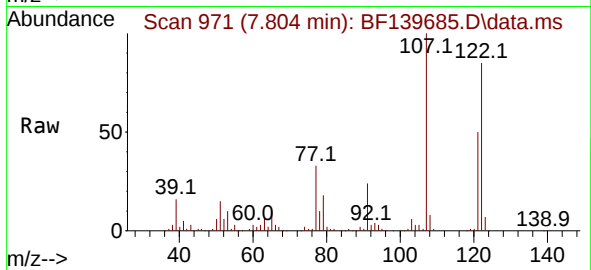
Tgt Ion:139 Resp: 171334
Ion Ratio Lower Upper
139 100
109 32.0 24.9 37.3
65 60.6 48.6 72.8





#27
2,4-Dimethylphenol
Concen: 59.033 ng m
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

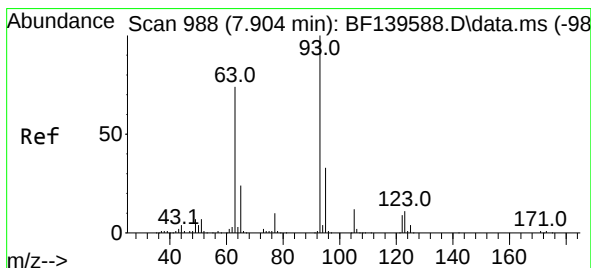
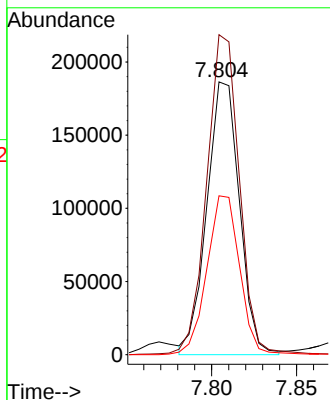
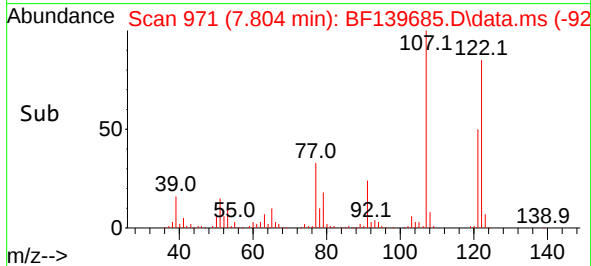
Instrument :
BNA_F
ClientSampleId :
PB163902BS



Tgt Ion:122 Resp: 24888
Ion Ratio Lower Upper
122 100
107 117.3 95.4 143.0
121 58.3 47.4 71.2

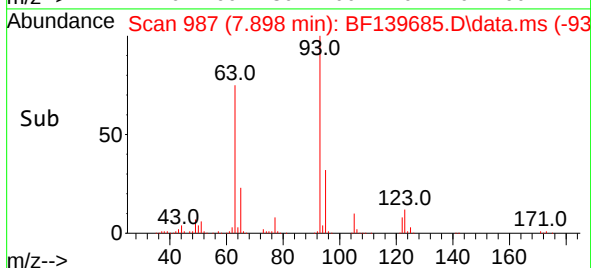
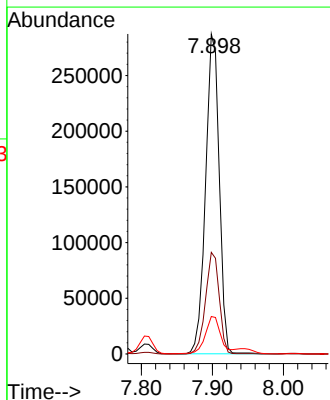
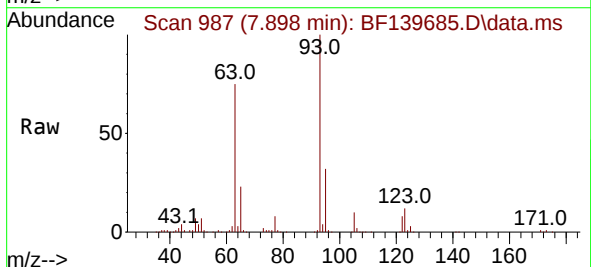
Manual Integrations
APPROVED

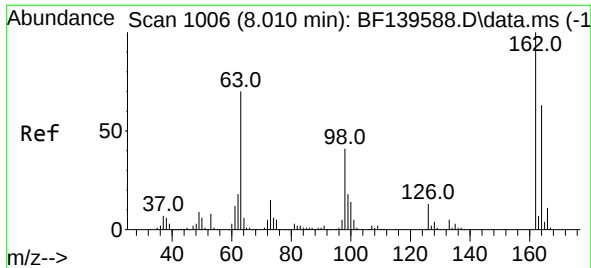
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.859 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion: 93 Resp: 384475
Ion Ratio Lower Upper
93 100
95 31.7 26.5 39.7
123 11.7 9.4 14.0





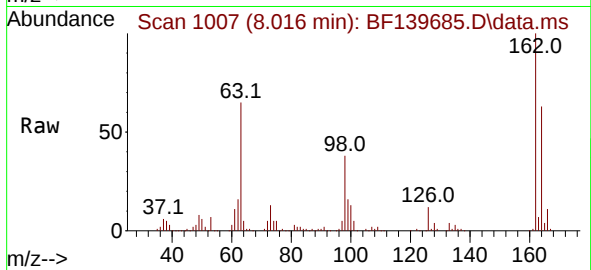
#29
2,4-Dichlorophenol
Concen: 49.067 ng
RT: 8.016 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS



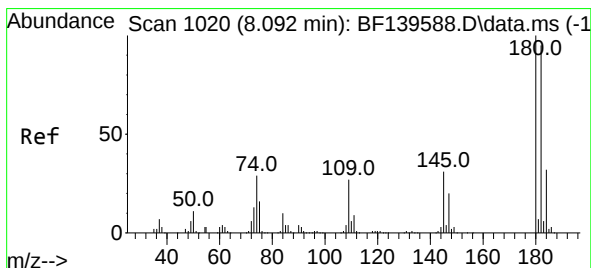
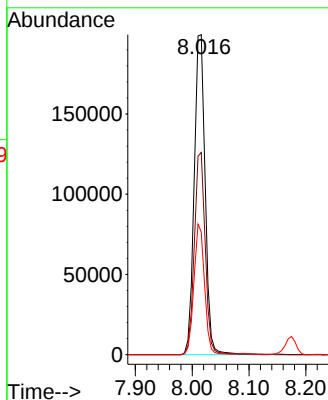
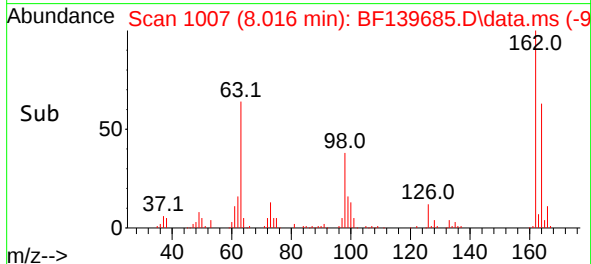
Tgt Ion:162 Resp: 269825
Ion Ratio Lower Upper
162 100
164 63.2 43.1 83.1
98 38.4 20.8 60.8

Manual Integrations

APPROVED

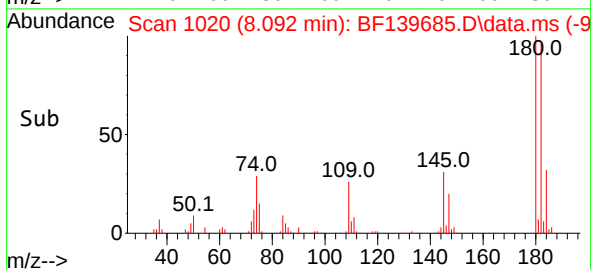
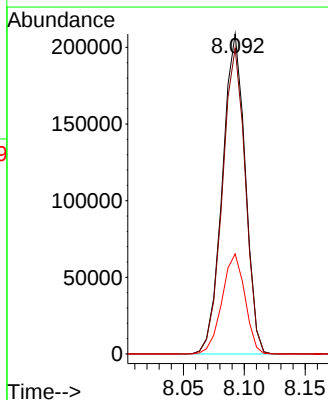
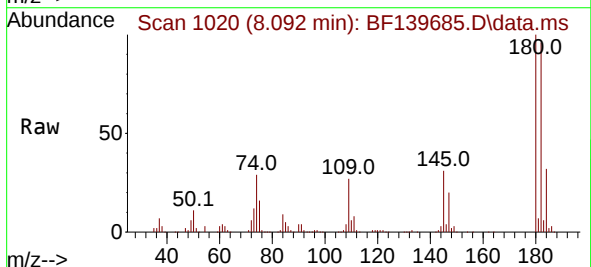
Reviewed By :Yogesh Patel 10/09/2024

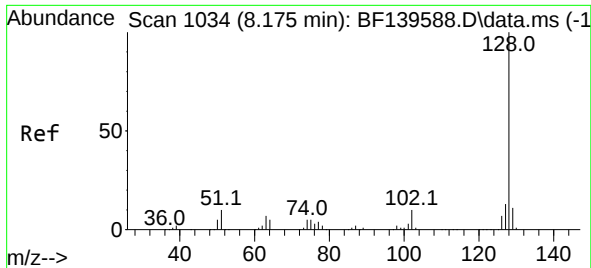
Supervised By :mohammad ahmed 10/09/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.811 ng
RT: 8.092 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:180 Resp: 272456
Ion Ratio Lower Upper
180 100
182 95.6 76.0 114.0
145 31.3 25.0 37.6





#31
Naphthalene
Concen: 46.236 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

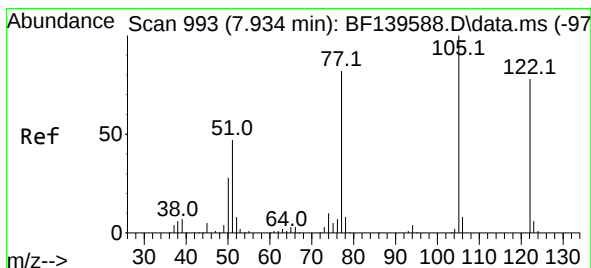
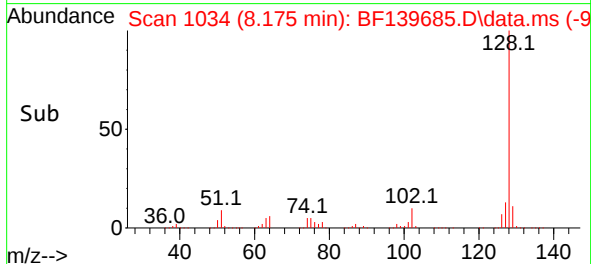
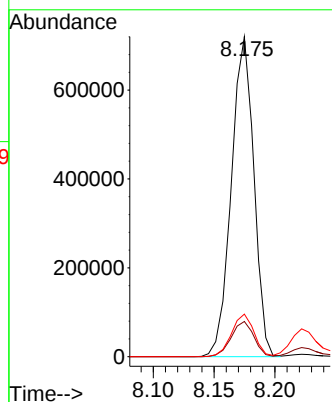
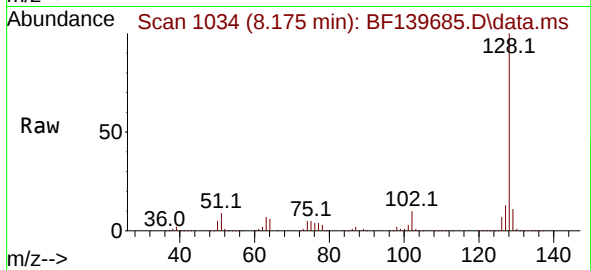
PB163902BS

Tgt Ion:128 Resp: 925954
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.5 15.7

Manual Integrations

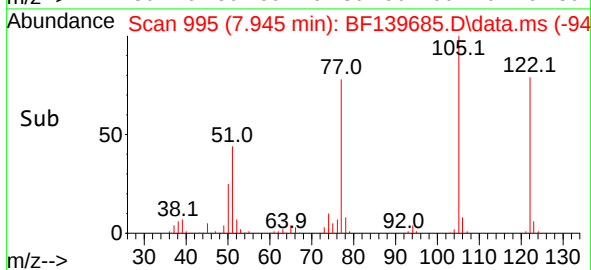
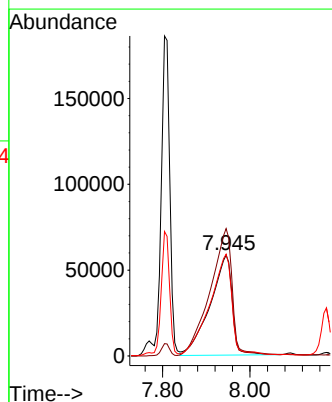
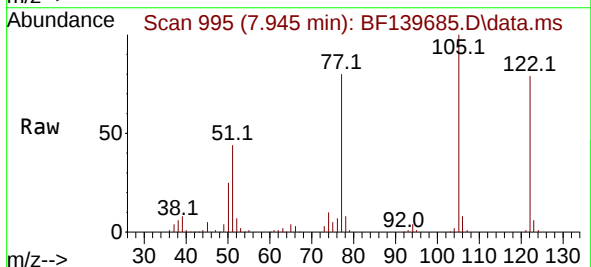
APPROVED

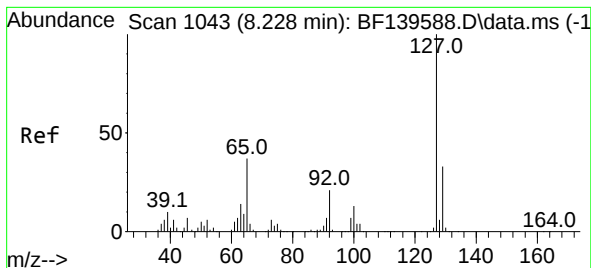
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#32
Benzoic acid
Concen: 48.726 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:122 Resp: 204268
Ion Ratio Lower Upper
122 100
105 126.3 104.9 144.9
77 100.9 82.7 122.7





#33
4-Chloroaniline
Concen: 17.320 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

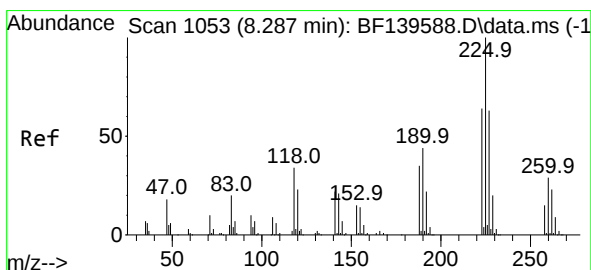
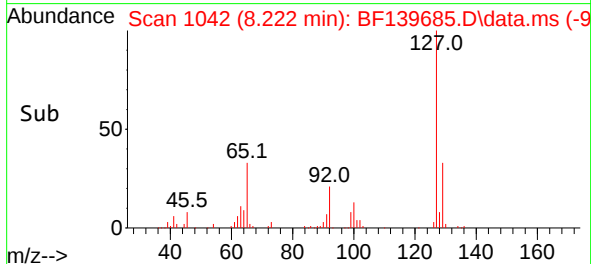
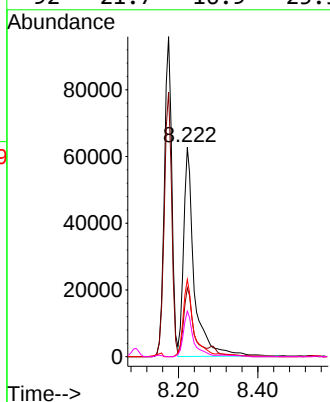
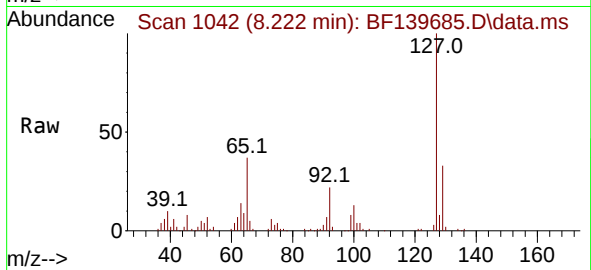
ClientSampleId :

PB163902BS

Tgt Ion:127 Resp: 11741
Ion Ratio Lower Upper
127 100
129 32.9 26.2 39.4
65 36.8 29.3 43.9
92 21.7 16.9 25.3

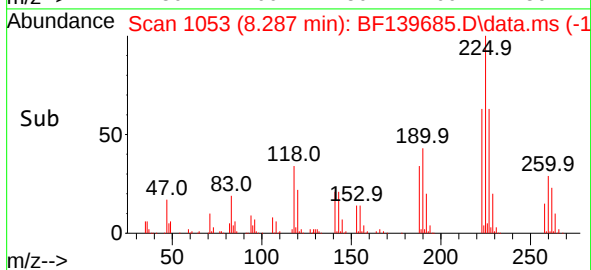
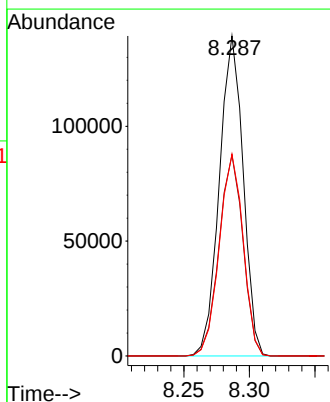
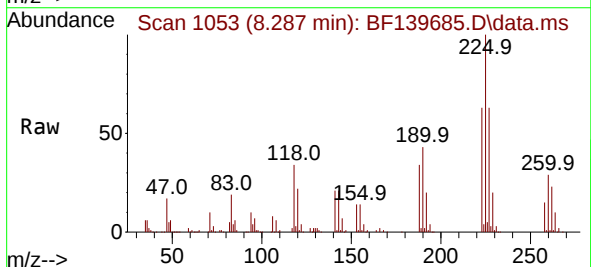
Manual Integrations
APPROVED

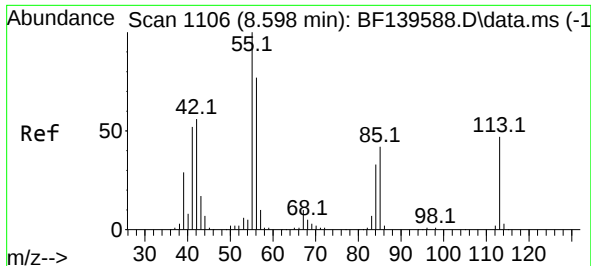
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#34
Hexachlorobutadiene
Concen: 43.630 ng
RT: 8.287 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:225 Resp: 175591
Ion Ratio Lower Upper
225 100
223 62.7 50.9 76.3
227 63.1 50.7 76.1





#35
Caprolactam
Concen: 51.528 ng m
RT: 8.604 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

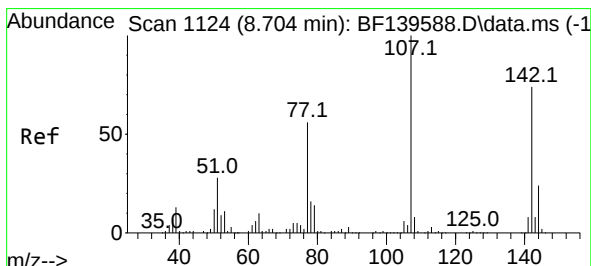
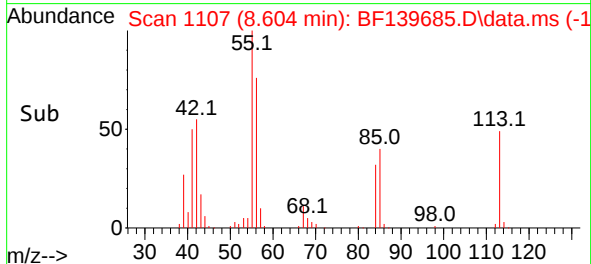
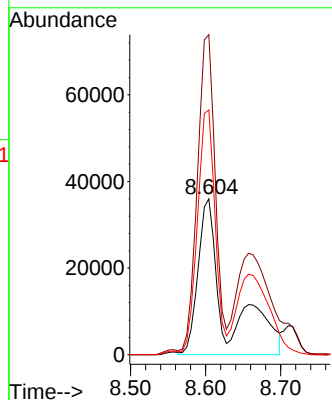
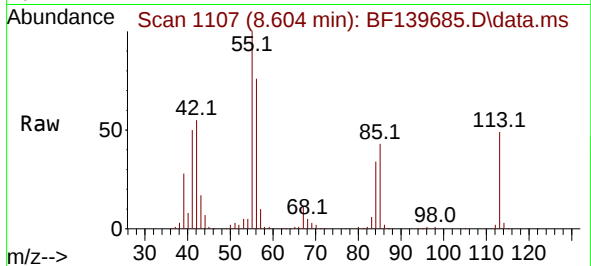
ClientSampleId :

PB163902BS

Tgt Ion:113 Resp: 92938
Ion Ratio Lower Upper
113 100
55 205.3 193.4 233.4
56 157.0 143.8 183.8

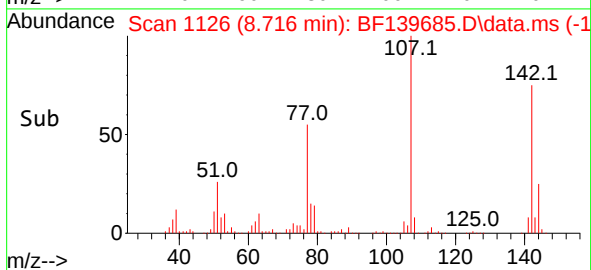
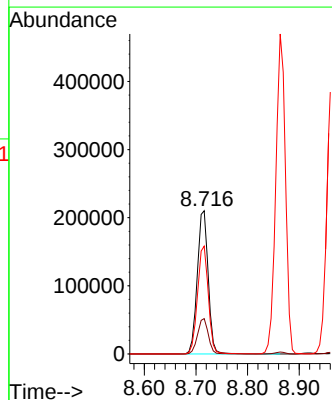
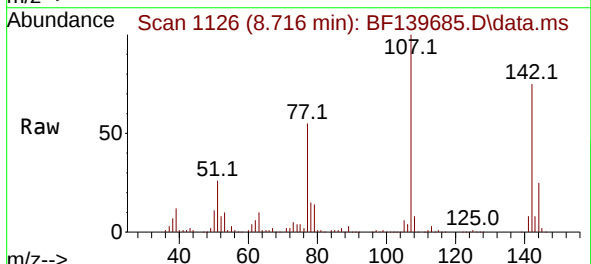
Manual Integrations
APPROVED

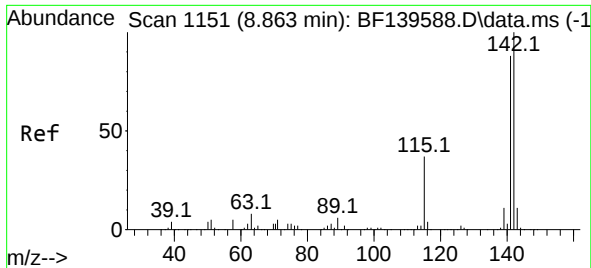
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#36
4-Chloro-3-methylphenol
Concen: 49.507 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

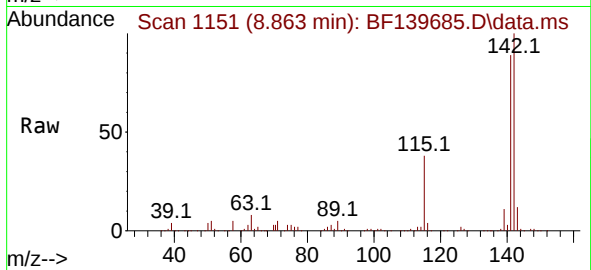
Tgt Ion:107 Resp: 308180
Ion Ratio Lower Upper
107 100
144 24.7 19.0 28.6
142 75.3 59.2 88.8





#37
2-Methylnaphthalene
Concen: 46.802 ng
RT: 8.863 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

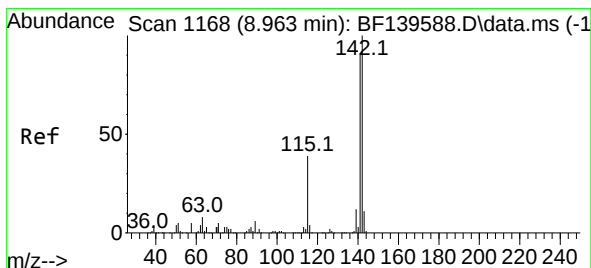
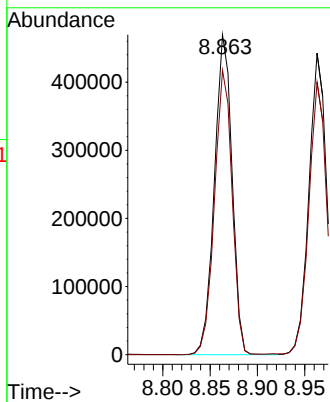
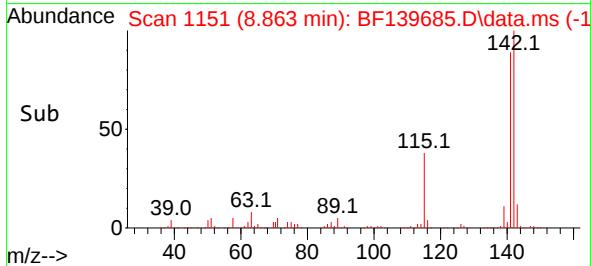
Instrument :
BNA_F
ClientSampleId :
PB163902BS



Tgt Ion:142 Resp: 610438
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6

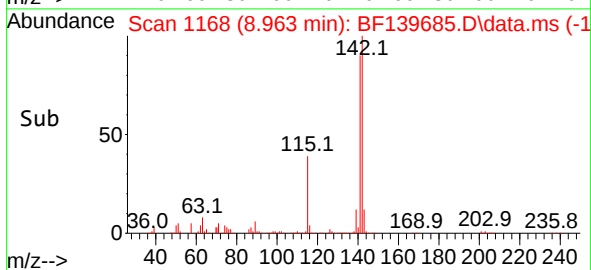
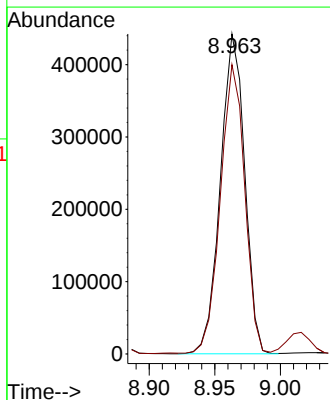
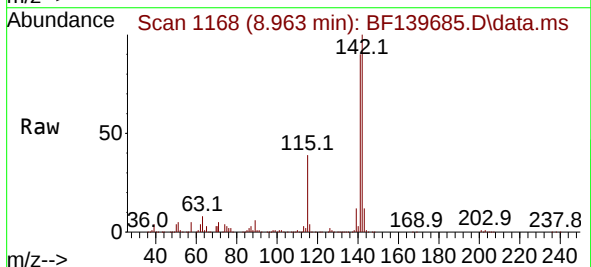
Manual Integrations
APPROVED

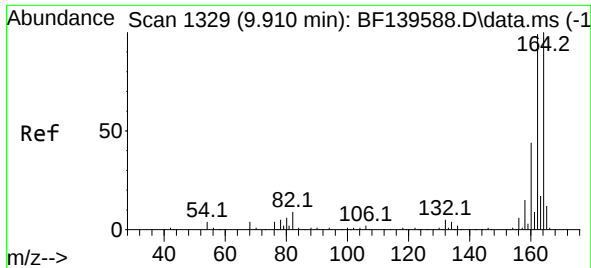
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#38
1-Methylnaphthalene
Concen: 44.640 ng
RT: 8.963 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:142 Resp: 569133
Ion Ratio Lower Upper
142 100
141 90.4 73.0 109.4





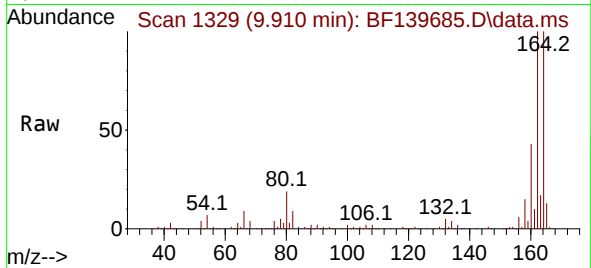
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS



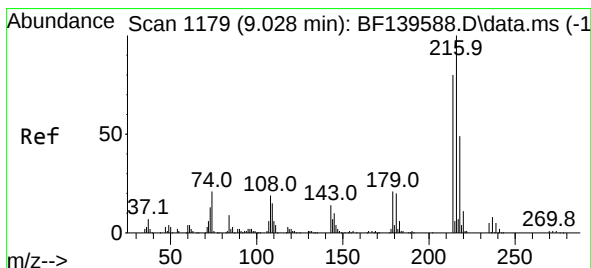
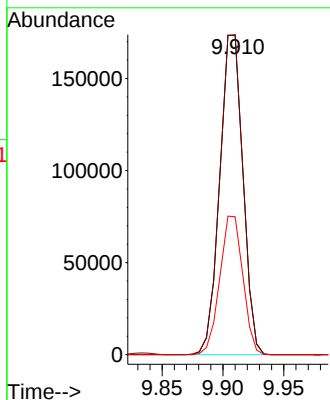
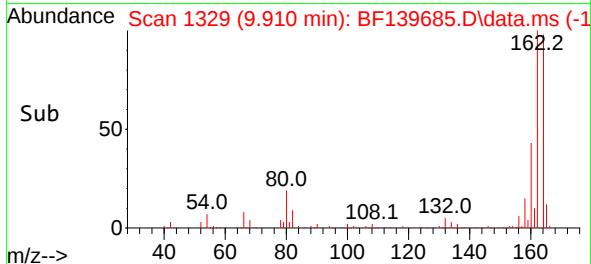
Tgt Ion:164 Resp: 23028
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 43.1 35.1 52.7

Manual Integrations

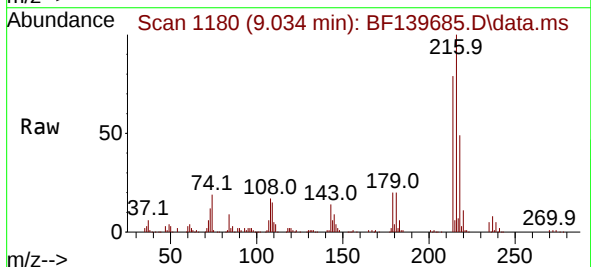
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

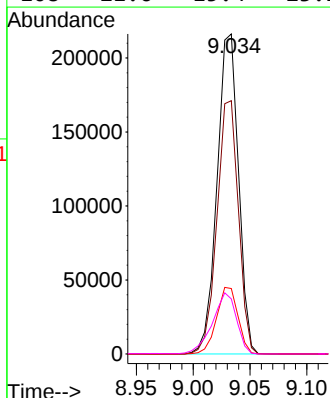
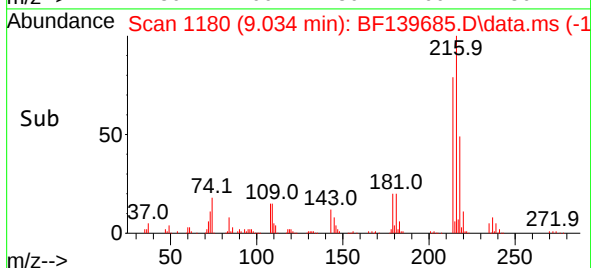
Supervised By :mohammad ahmed 10/09/2024

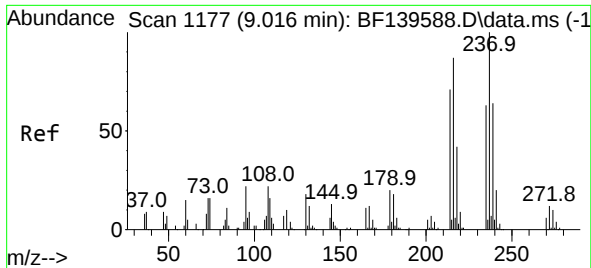


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.408 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35



Tgt Ion:216 Resp: 283973
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 20.8 16.9 25.3
108 21.6 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 168.123 ng
RT: 9.016 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

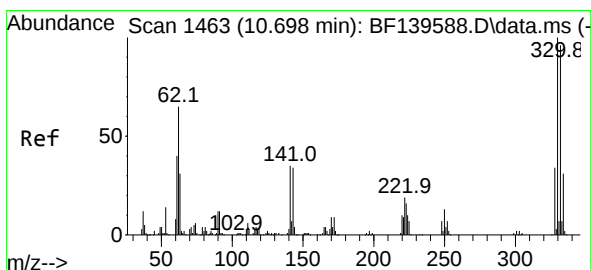
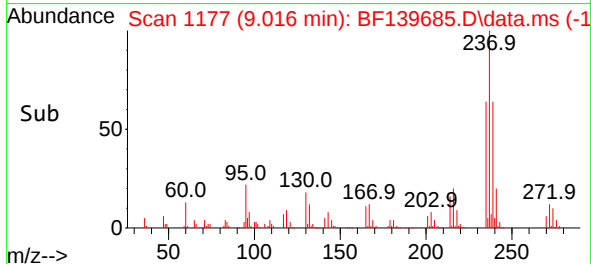
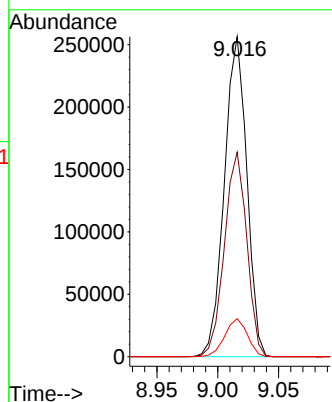
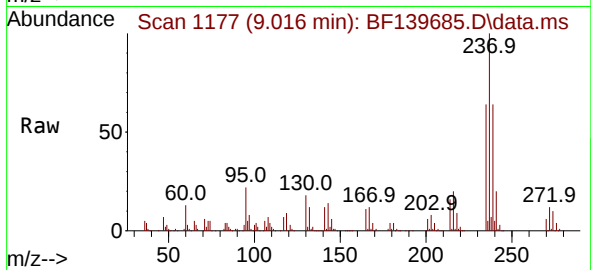
ClientSampleId :

PB163902BS

Tgt Ion:237 Resp: 32964
Ion Ratio Lower Upper
237 100
235 63.9 42.5 82.5
272 11.9 0.0 32.1

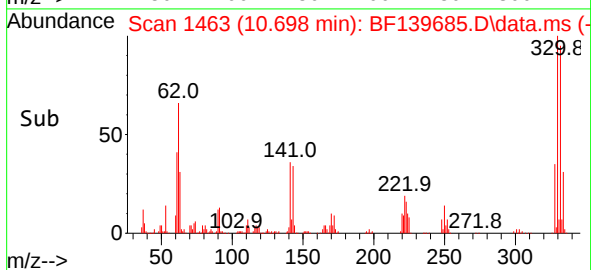
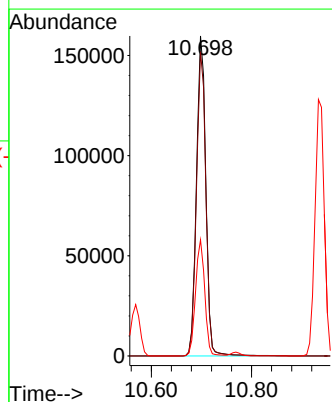
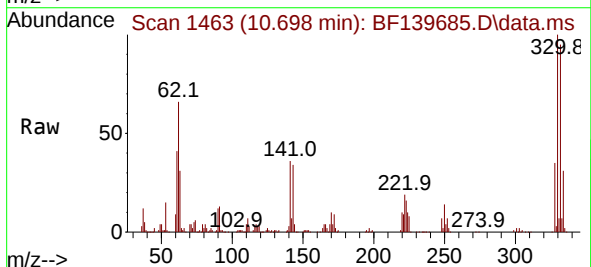
Manual Integrations
APPROVED

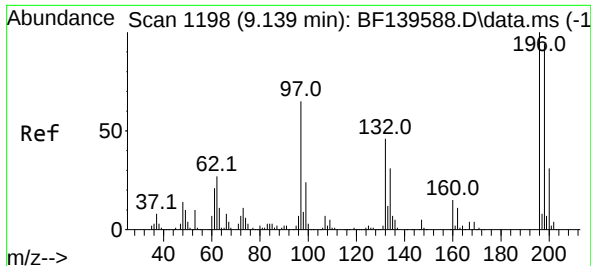
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#42
2,4,6-Tribromophenol
Concen: 93.180 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:330 Resp: 207138
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 35.7 29.3 43.9





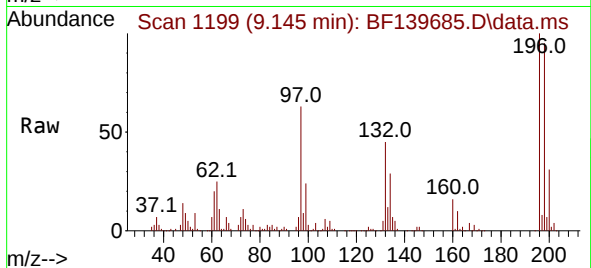
#43
2,4,6-Trichlorophenol
Concen: 47.147 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

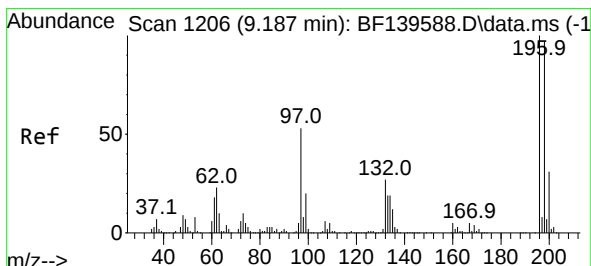
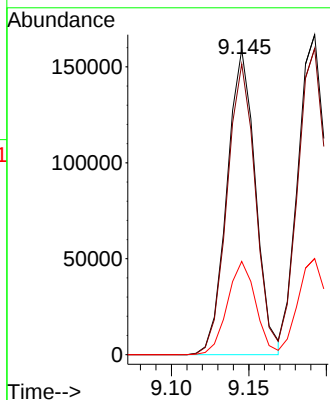
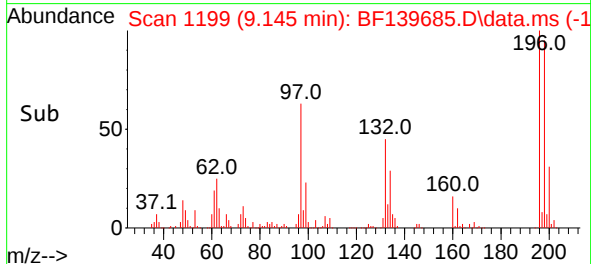


Tgt Ion:196 Resp: 203240
Ion Ratio Lower Upper
196 100
198 95.2 75.2 112.8
200 30.6 24.6 37.0

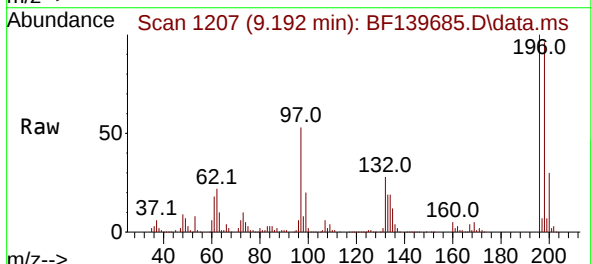
Manual Integrations

APPROVED

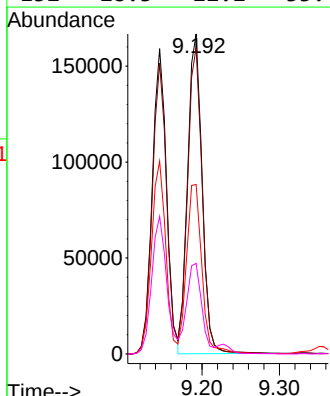
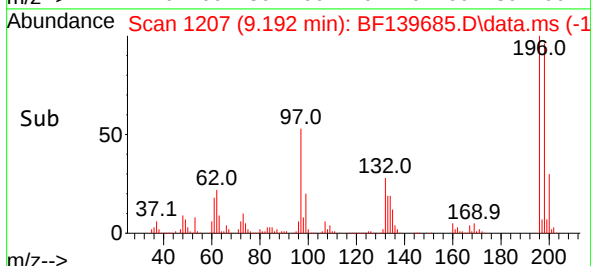
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

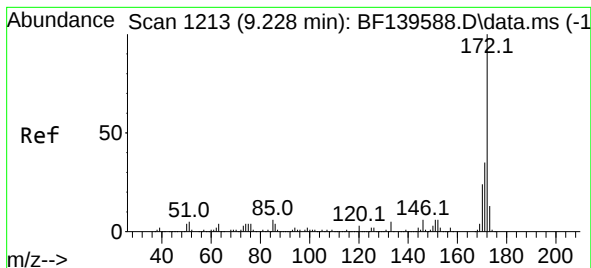


#44
2,4,5-Trichlorophenol
Concen: 46.651 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35



Tgt Ion:196 Resp: 216870
Ion Ratio Lower Upper
196 100
198 95.7 77.5 116.3
97 53.0 43.1 64.7
132 28.3 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 83.755 ng

RT: 9.228 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

Tgt Ion:172 Resp: 125634

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

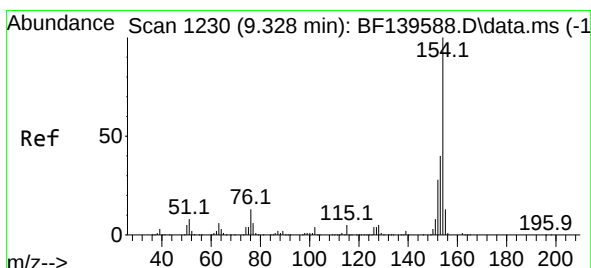
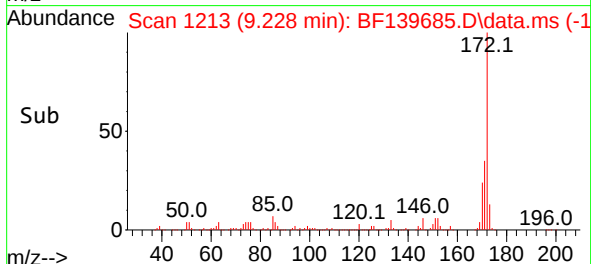
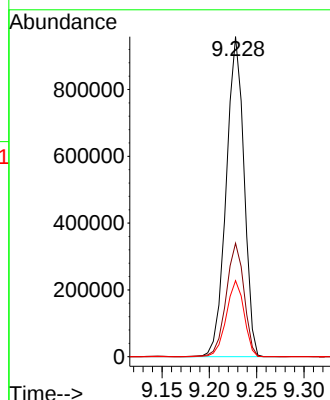
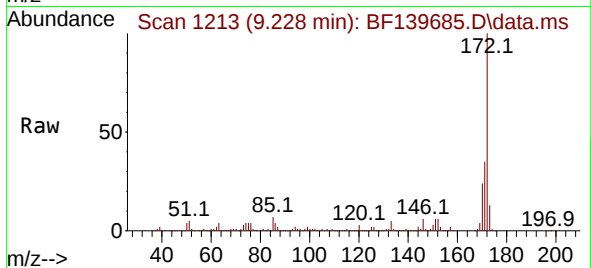
170 23.7 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#46

1,1'-Biphenyl

Concen: 45.219 ng

RT: 9.328 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

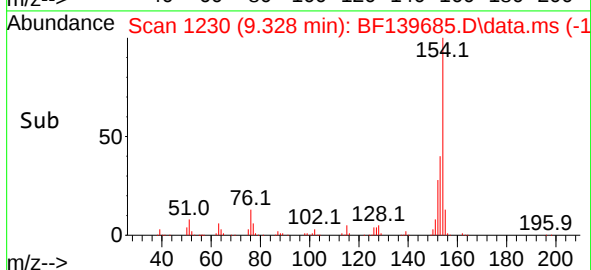
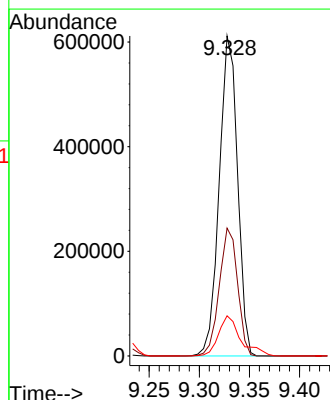
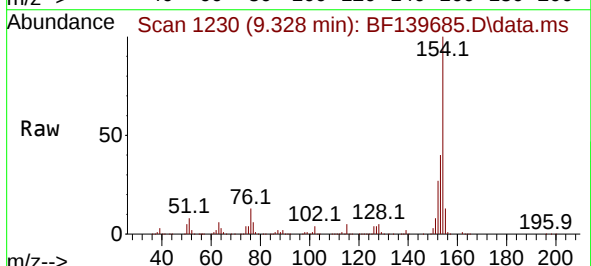
Tgt Ion:154 Resp: 774495

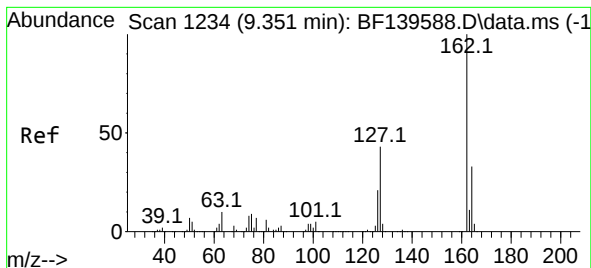
Ion Ratio Lower Upper

154 100

153 40.0 20.1 60.1

76 12.6 0.0 32.6





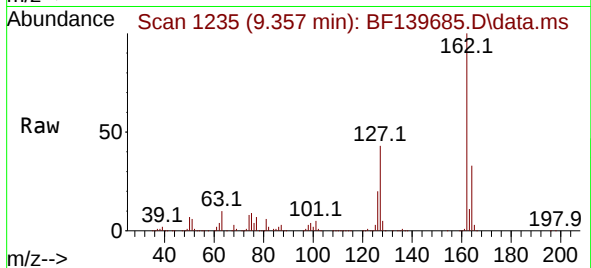
#47
2-Chloronaphthalene
Concen: 44.846 ng
RT: 9.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

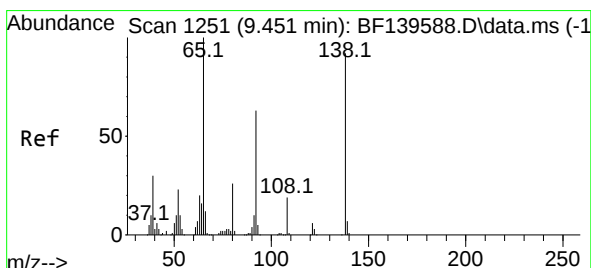
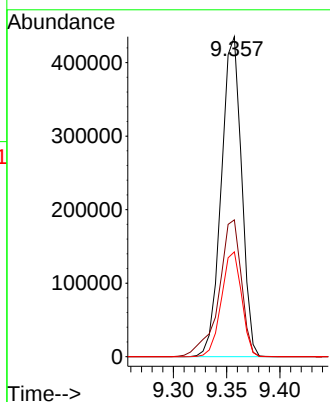
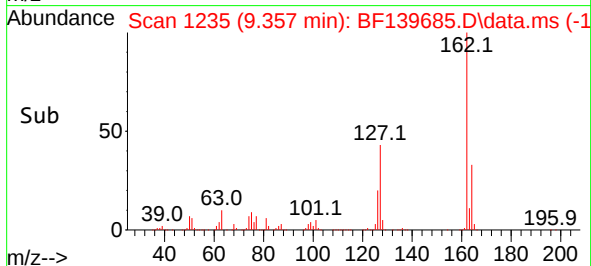
PB163902BS



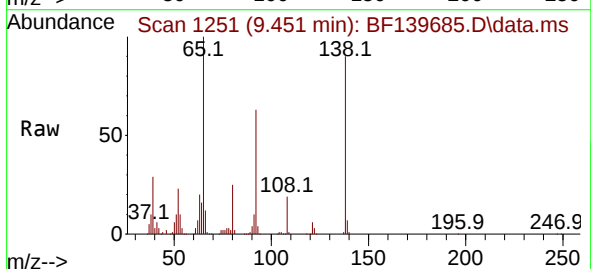
Tgt Ion:162 Resp: 57582
Ion Ratio Lower Upper
162 100
127 42.7 35.0 52.4
164 32.8 26.1 39.1

Manual Integrations
APPROVED

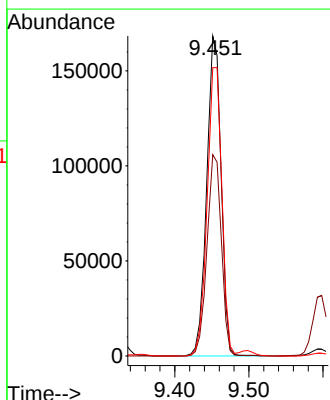
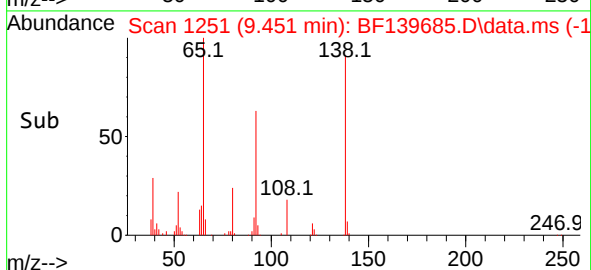
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

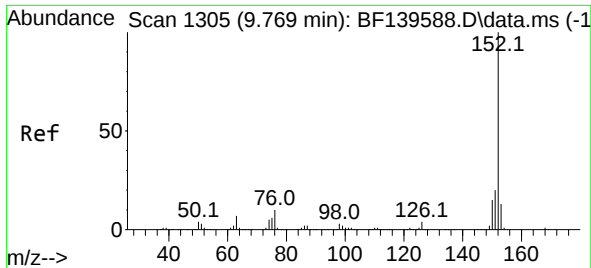


#48
2-Nitroaniline
Concen: 49.116 ng
RT: 9.451 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35



Tgt Ion: 65 Resp: 226385
Ion Ratio Lower Upper
65 100
92 62.9 50.0 75.0
138 90.1 73.8 110.8





#49
Acenaphthylene
Concen: 48.743 ng
RT: 9.769 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

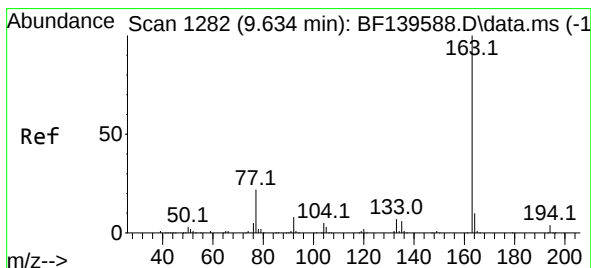
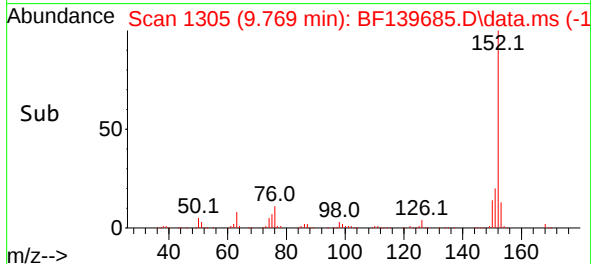
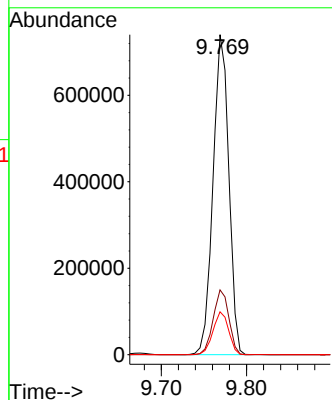
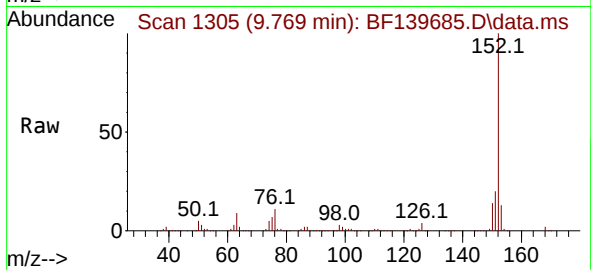
PB163902BS

Tgt Ion:152 Resp: 951790
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.4 10.5 15.7

Manual Integrations

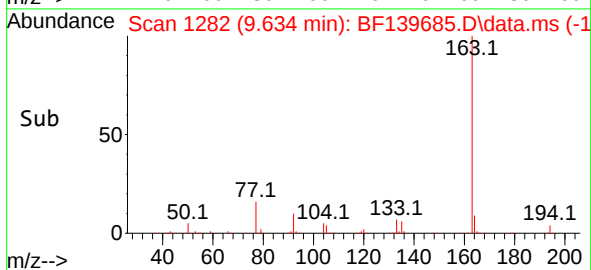
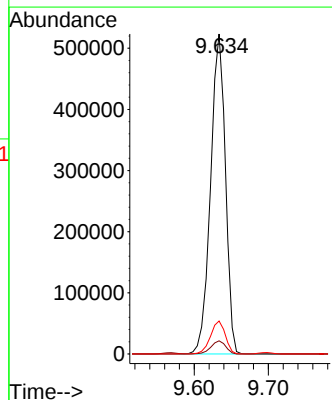
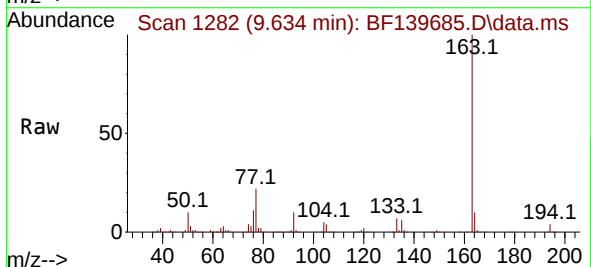
APPROVED

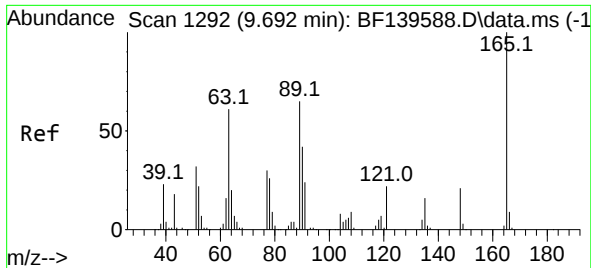
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#50
Dimethylphthalate
Concen: 48.272 ng
RT: 9.634 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:163 Resp: 727668
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.108 ng
RT: 9.698 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

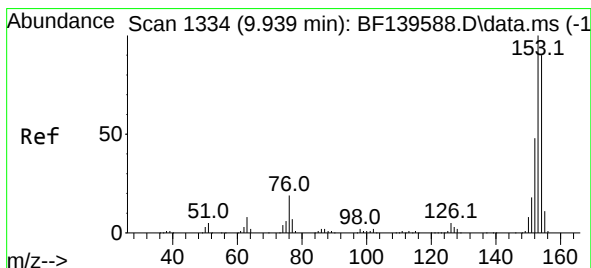
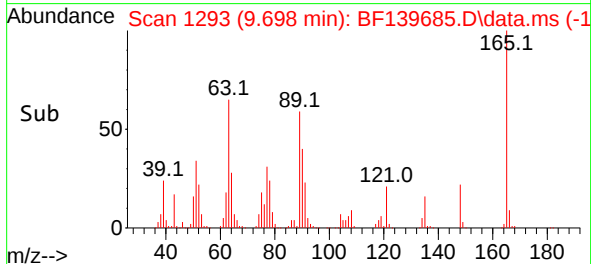
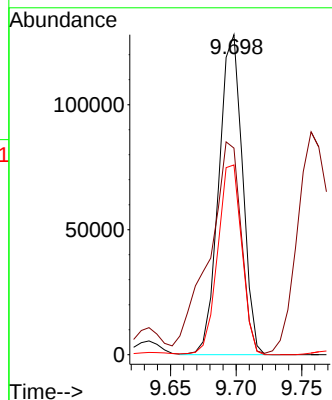
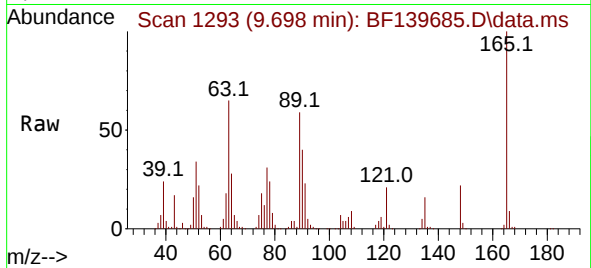
PB163902BS

Tgt Ion:165 Resp: 160410
Ion Ratio Lower Upper
165 100
63 64.6 56.7 85.1
89 59.3 51.6 77.4

Manual Integrations

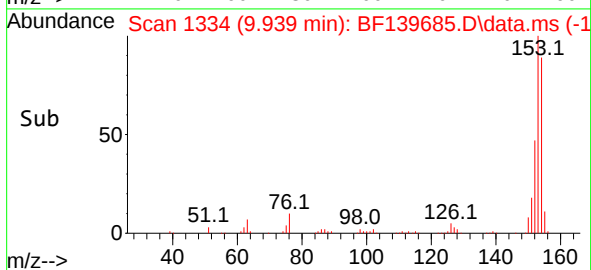
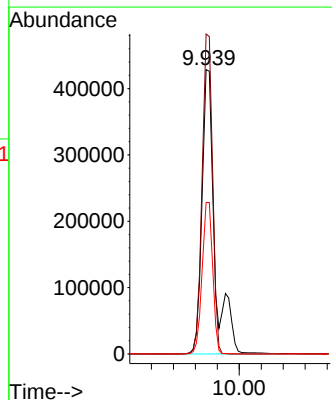
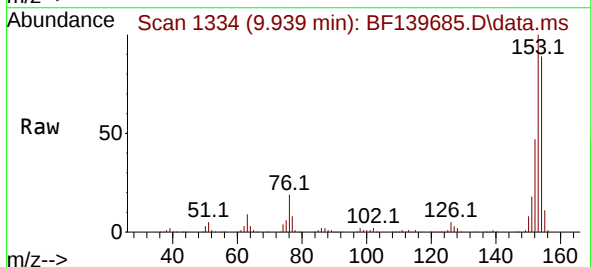
APPROVED

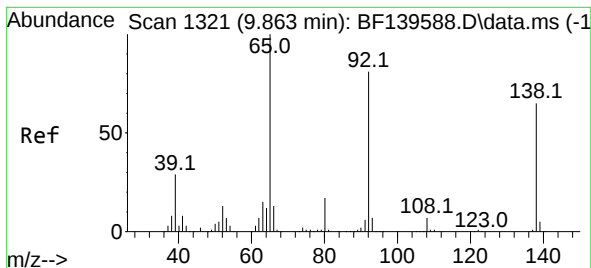
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#52
Acenaphthene
Concen: 52.052 ng m
RT: 9.939 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:154 Resp: 697764
Ion Ratio Lower Upper
154 100
153 112.5 88.8 133.2
152 53.3 42.5 63.7





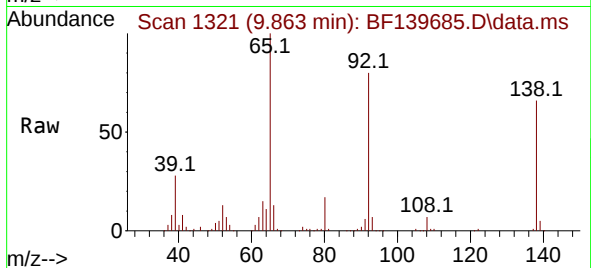
#53
3-Nitroaniline
Concen: 33.793 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS



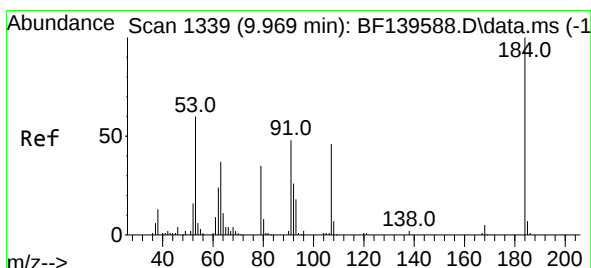
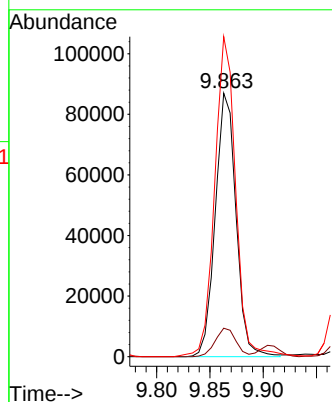
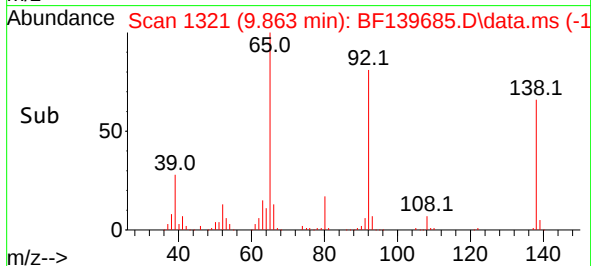
Tgt Ion:138 Resp: 117590
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 121.4 100.0 150.0

Manual Integrations

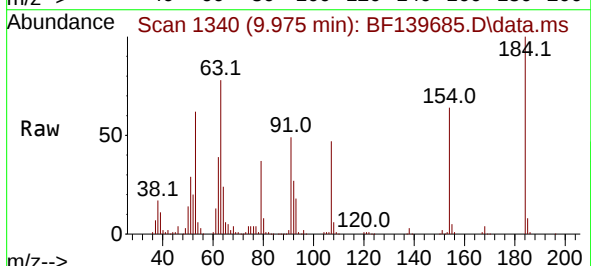
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

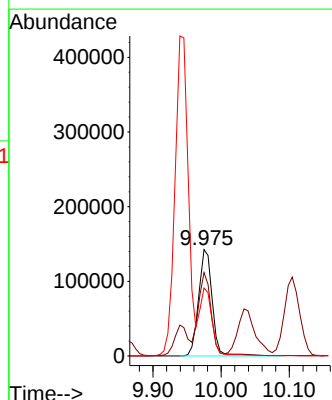
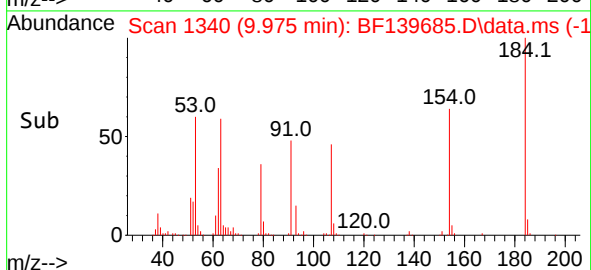
Supervised By :mohammad ahmed 10/09/2024

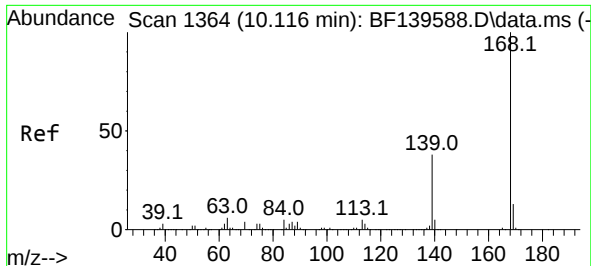


#54
2,4-Dinitrophenol
Concen: 108.728 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35



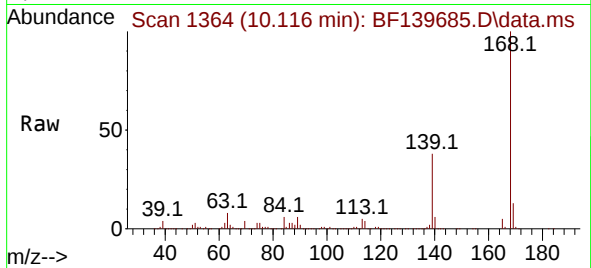
Tgt Ion:184 Resp: 199141
Ion Ratio Lower Upper
184 100
63 78.3 61.7 92.5
154 63.9 53.0 79.4





#55
Dibenzenofuran
Concen: 46.807 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

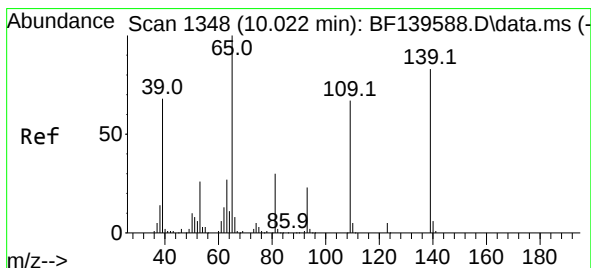
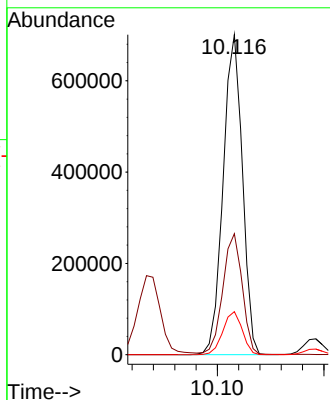
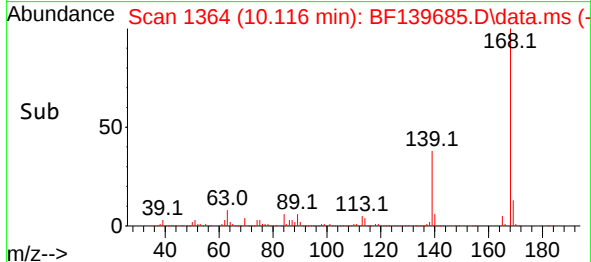
Instrument :
BNA_F
ClientSampleId :
PB163902BS



Tgt Ion:168 Resp: 878524
Ion Ratio Lower Upper
168 100
139 37.8 30.4 45.6
169 13.4 10.7 16.1

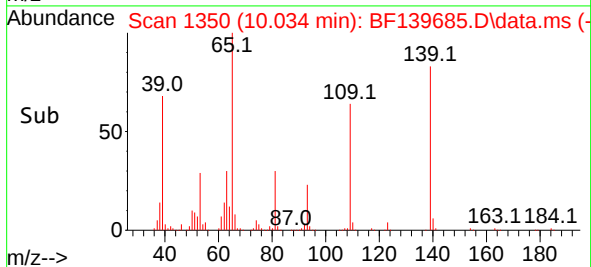
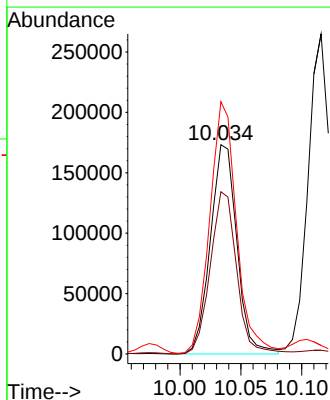
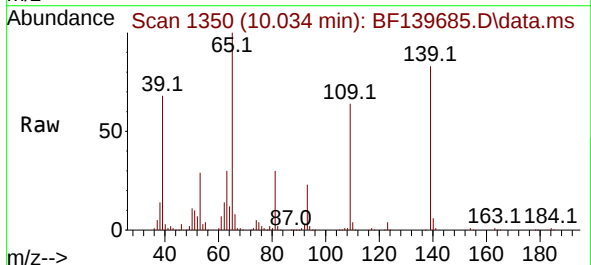
Manual Integrations
APPROVED

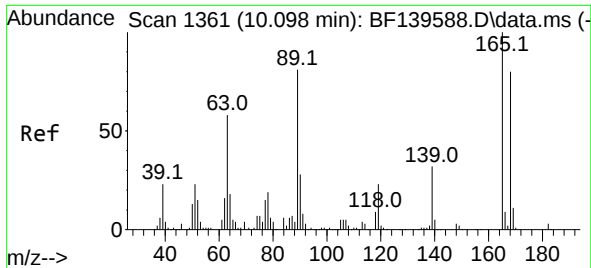
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#56
4-Nitrophenol
Concen: 99.074 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:139 Resp: 262912
Ion Ratio Lower Upper
139 100
109 77.5 60.3 100.3
65 120.5 100.8 140.8





#57
2,4-Dinitrotoluene
Concen: 48.047 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

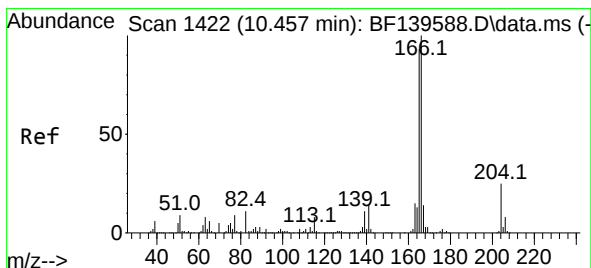
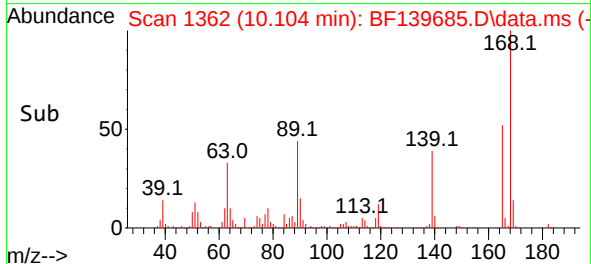
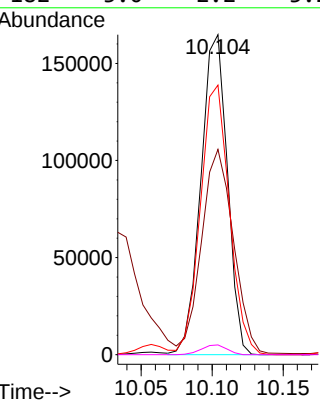
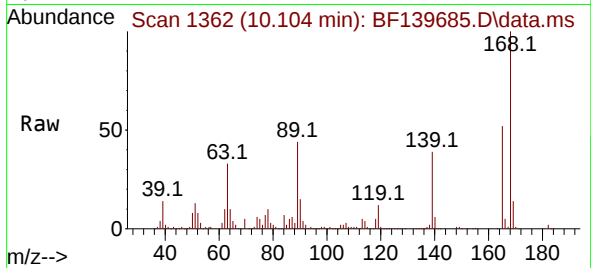
PB163902BS

Tgt Ion:165 Resp: 21385
Ion Ratio Lower Upper
165 100
63 64.2 46.9 70.3
89 84.2 64.4 96.6
182 3.0 2.2 3.2

Manual Integrations

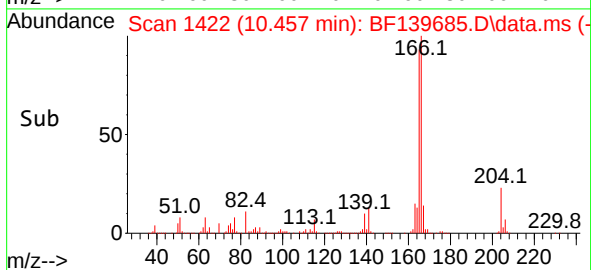
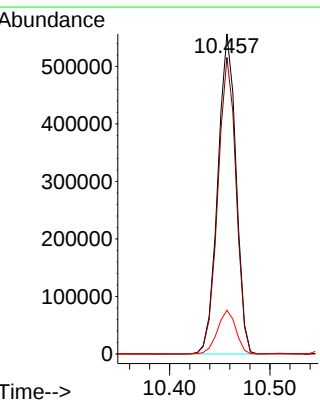
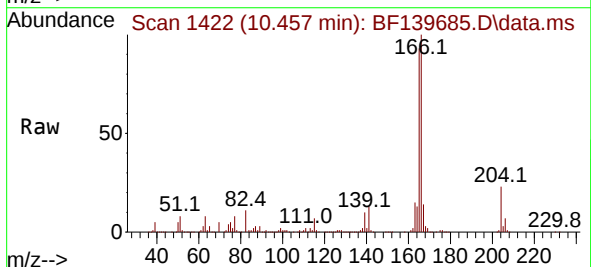
APPROVED

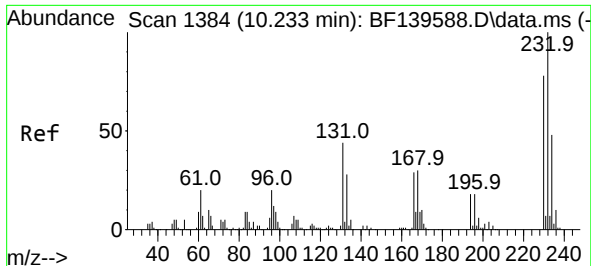
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#58
Fluorene
Concen: 47.074 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

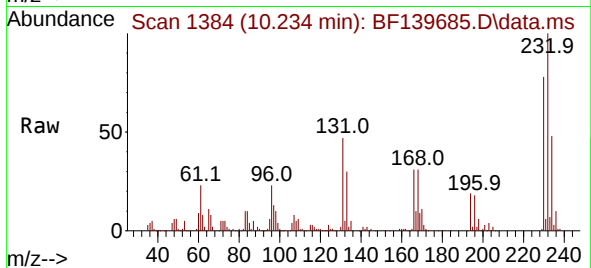
Tgt Ion:166 Resp: 703720
Ion Ratio Lower Upper
166 100
165 92.7 74.4 111.6
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.796 ng
RT: 10.234 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

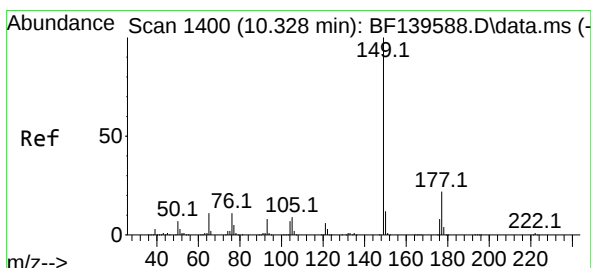
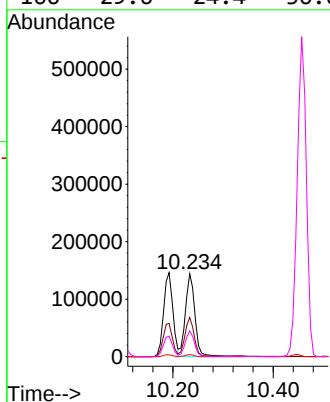
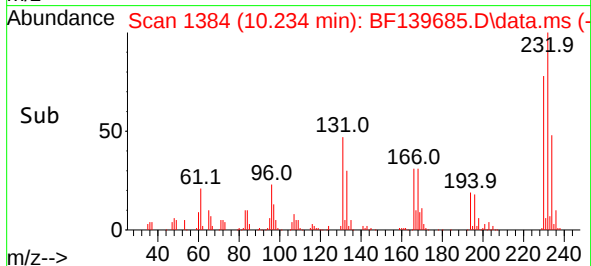
Instrument :
BNA_F
ClientSampleId :
PB163902BS



Tgt Ion:232 Resp: 190728
Ion Ratio Lower Upper
232 100
131 46.4 37.8 56.6
130 2.3 1.9 2.9
166 29.6 24.4 36.6

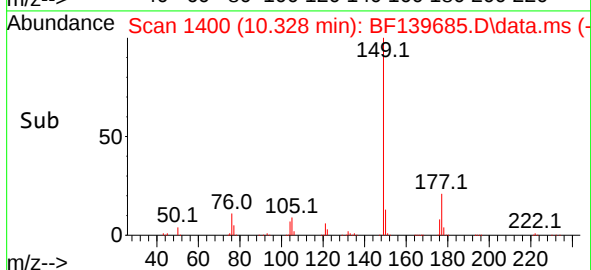
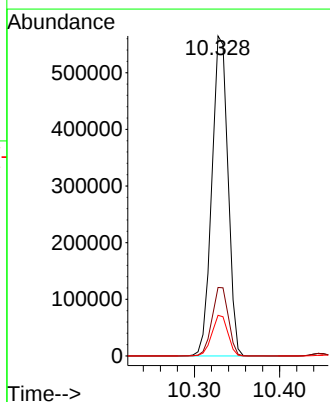
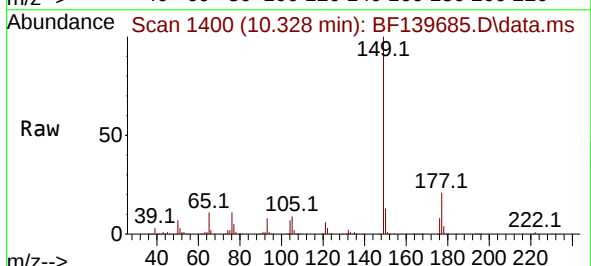
Manual Integrations
APPROVED

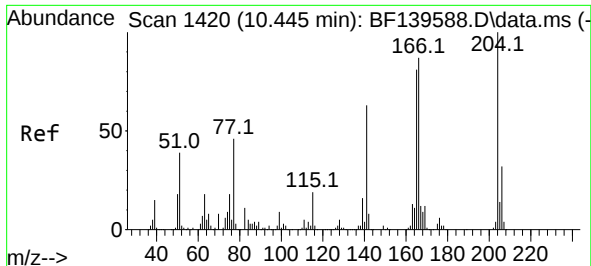
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#60
Diethylphthalate
Concen: 47.642 ng
RT: 10.328 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:149 Resp: 741788
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.0
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.666 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

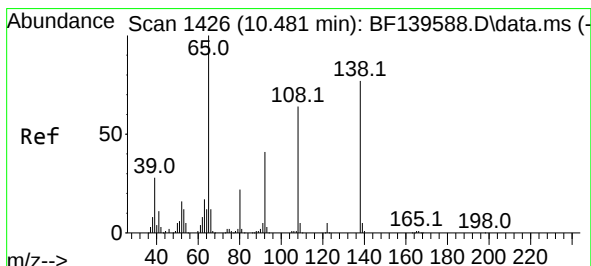
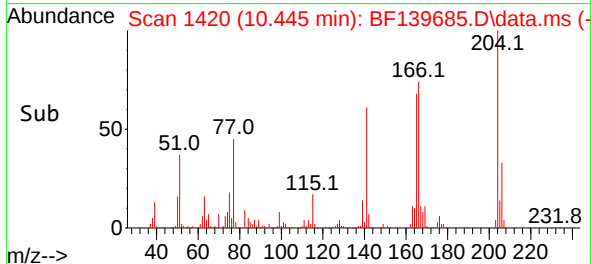
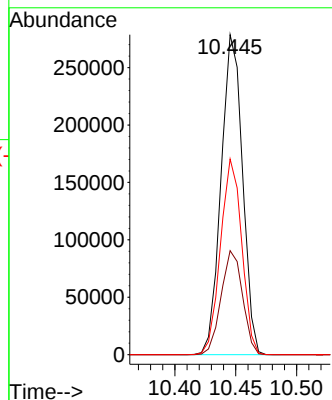
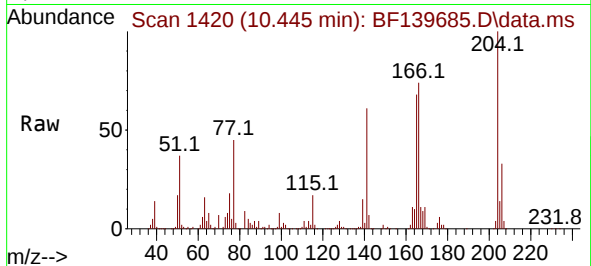
ClientSampleId :

PB163902BS

Tgt Ion:204 Resp: 34153
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 61.1 50.5 75.7

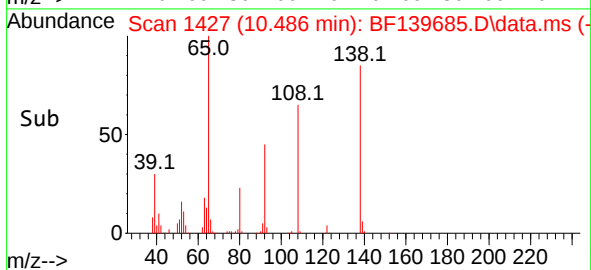
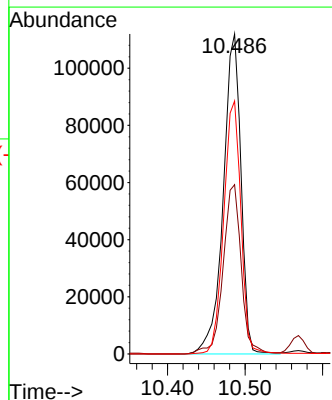
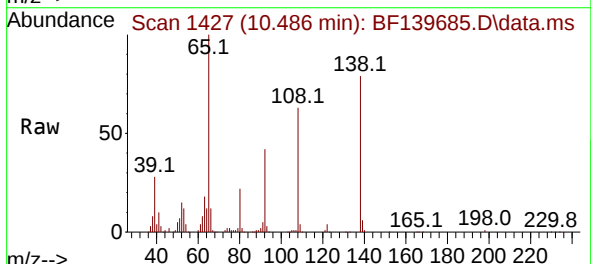
Manual Integrations
APPROVED

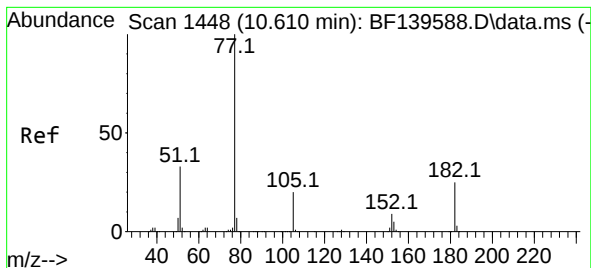
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#62
4-Nitroaniline
Concen: 49.901 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:138 Resp: 177621
Ion Ratio Lower Upper
138 100
92 52.9 33.3 73.3
108 79.1 62.1 102.1





#63

Azobenzene

Concen: 48.309 ng

RT: 10.610 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF139685.D

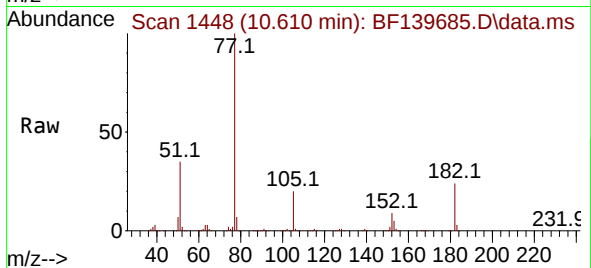
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS



Tgt Ion: 77 Resp: 756440

Ion Ratio Lower Upper

77 100

182 24.1 4.2 44.2

105 20.0 0.0 39.6

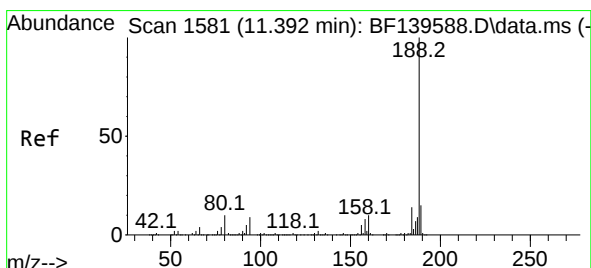
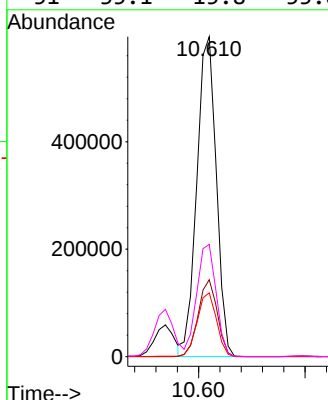
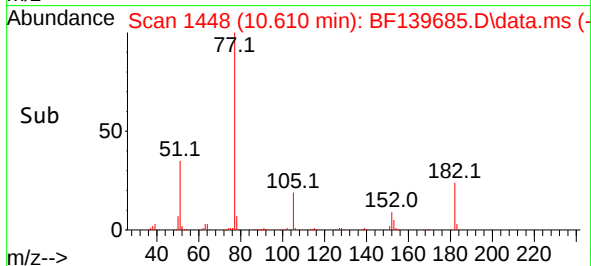
51 35.1 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

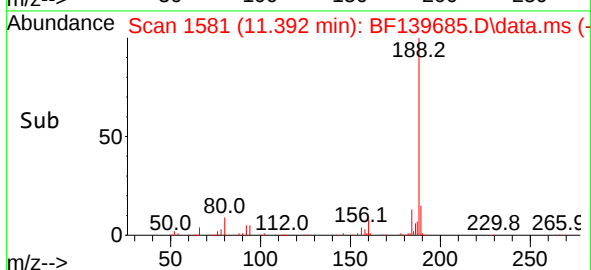
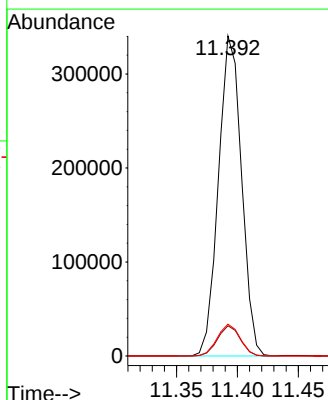
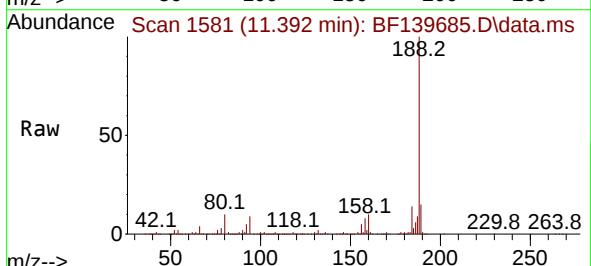
Tgt Ion:188 Resp: 448928

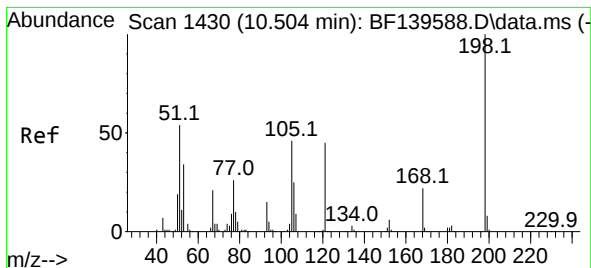
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.0 8.2 12.2





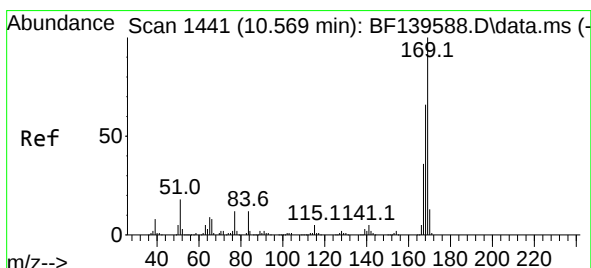
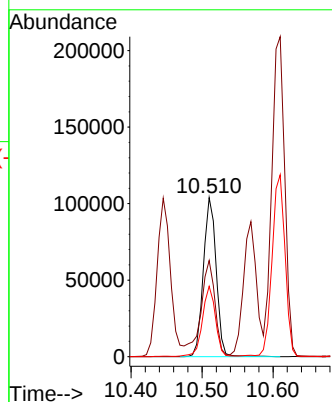
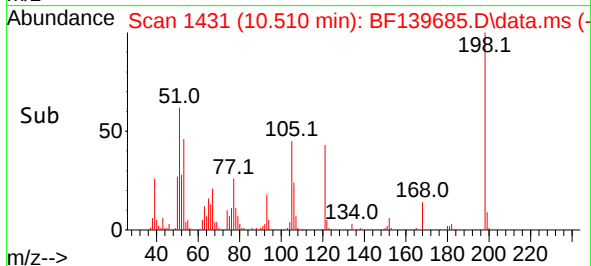
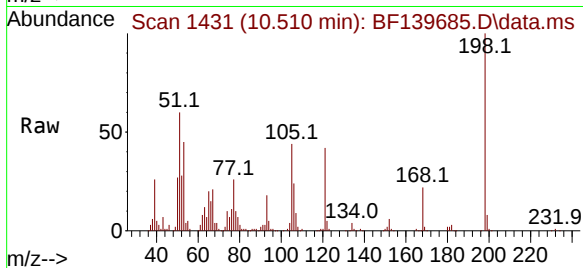
#65
4,6-Dinitro-2-methylphenol
Concen: 51.668 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :
BNA_F
ClientSampleId :
PB163902BS

Tgt Ion:198 Resp: 131001
Ion Ratio Lower Upper
198 100
51 60.4 43.0 83.0
105 44.3 26.6 66.6

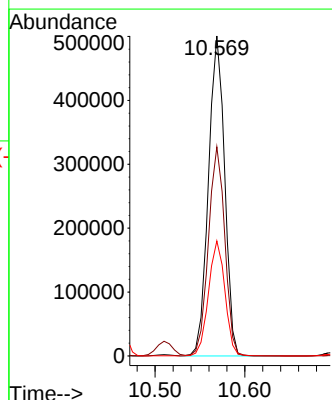
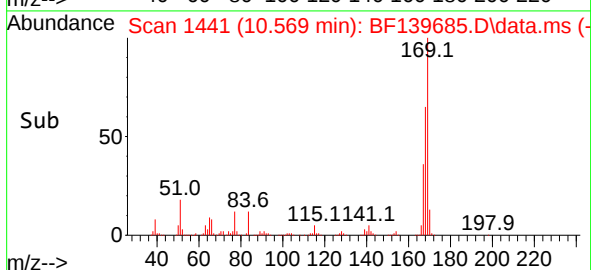
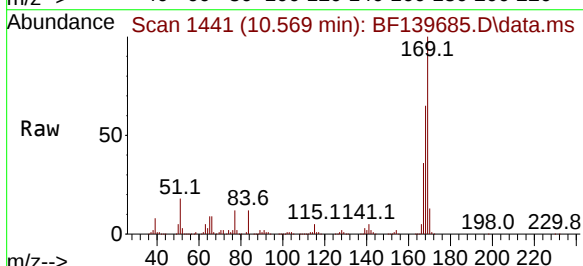
Manual Integrations
APPROVED

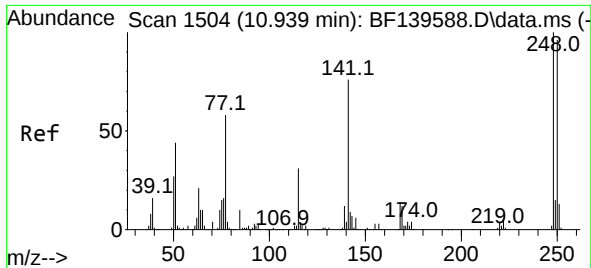
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#66
n-Nitrosodiphenylamine
Concen: 47.496 ng
RT: 10.569 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:169 Resp: 628509
Ion Ratio Lower Upper
169 100
168 65.3 53.2 79.8
167 35.9 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 44.957 ng
RT: 10.939 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

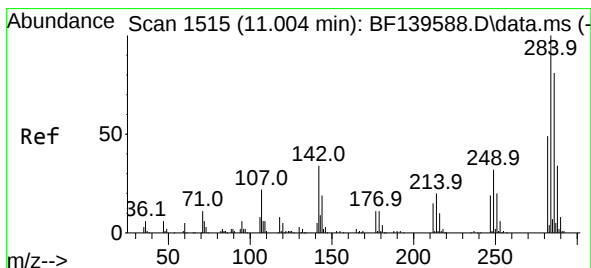
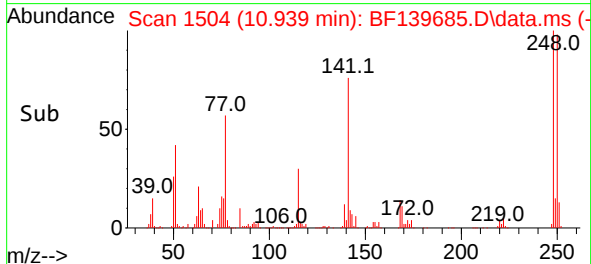
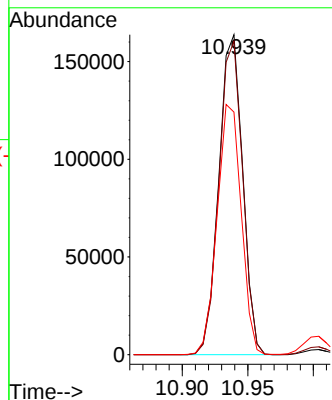
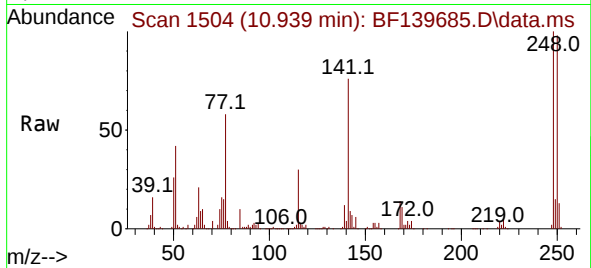
PB163902BS

Tgt Ion:248 Resp: 20693
Ion Ratio Lower Upper
248 100
250 97.9 77.1 115.7
141 75.8 60.4 90.6

Manual Integrations

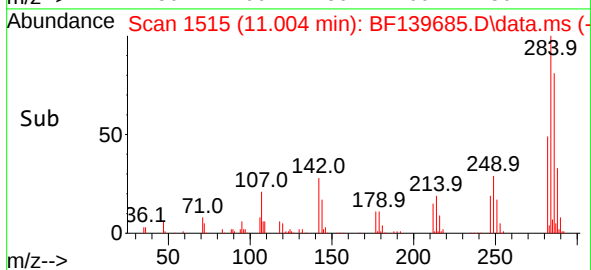
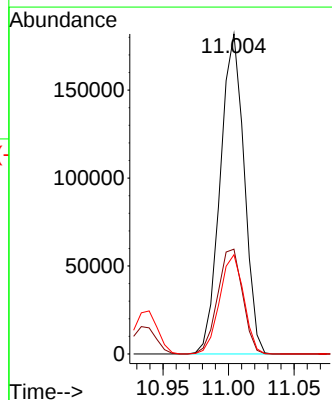
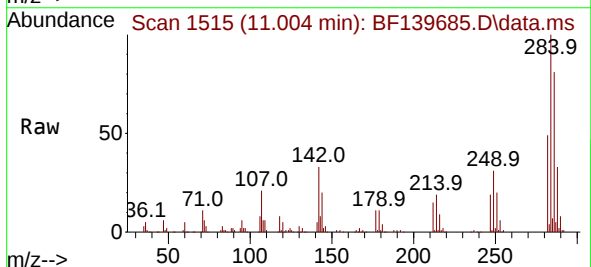
APPROVED

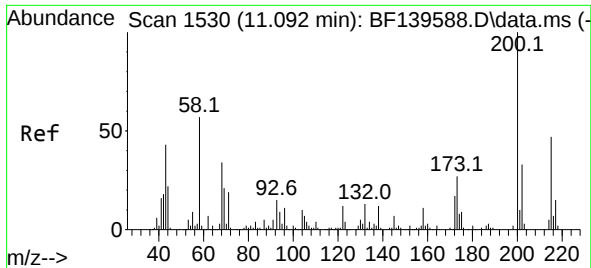
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#68
Hexachlorobenzene
Concen: 45.135 ng
RT: 11.004 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:284 Resp: 230531
Ion Ratio Lower Upper
284 100
142 32.7 26.9 40.3
249 31.0 25.4 38.0





#69
Atrazine
Concen: 57.671 ng
RT: 11.098 min Scan# 1530
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

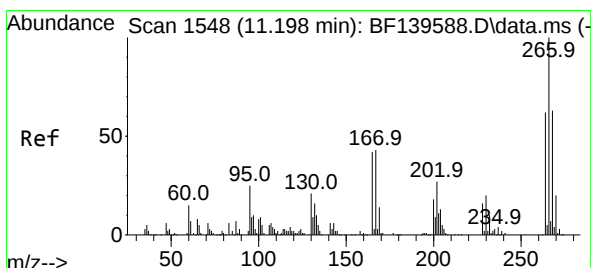
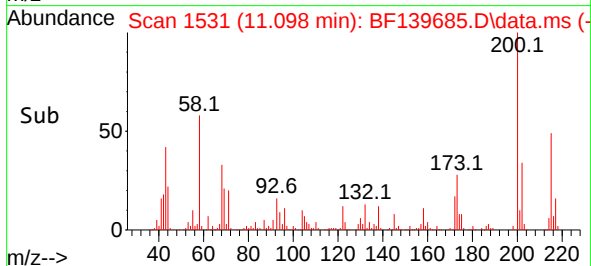
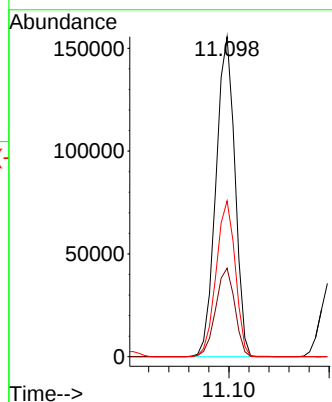
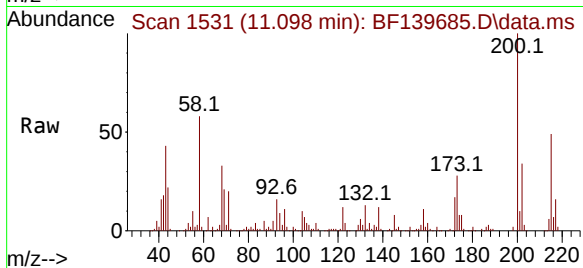
PB163902BS

Tgt Ion:200 Resp: 204750
Ion Ratio Lower Upper
200 100
173 27.7 6.7 46.7
215 48.7 27.5 67.5

Manual Integrations

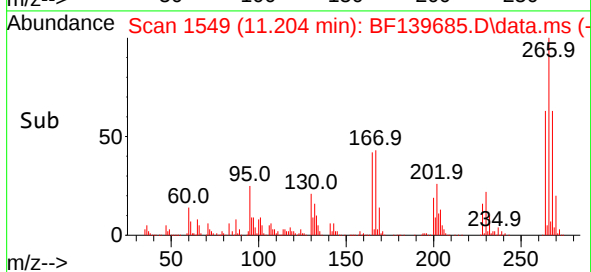
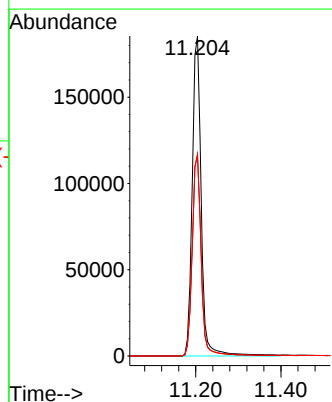
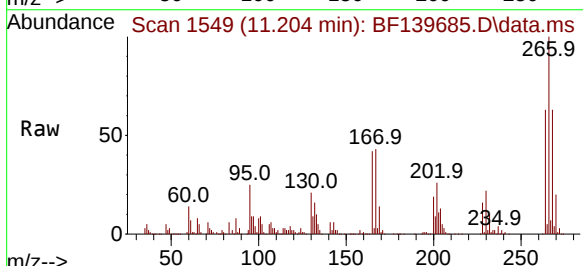
APPROVED

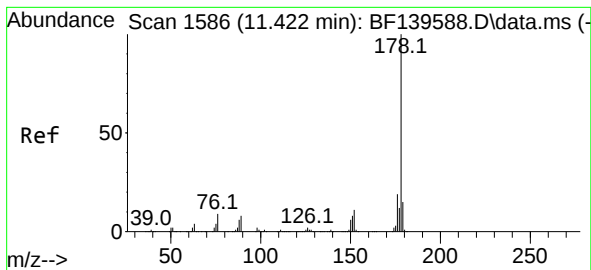
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#70
Pentachlorophenol
Concen: 89.410 ng
RT: 11.204 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:266 Resp: 271923
Ion Ratio Lower Upper
266 100
268 63.0 50.0 75.0
264 62.8 49.3 73.9





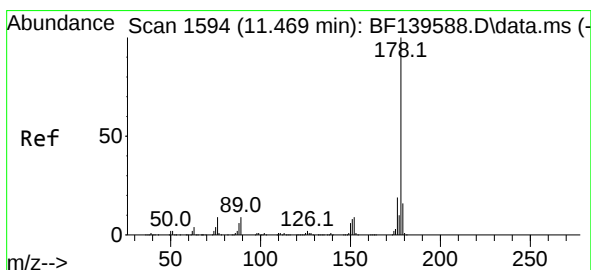
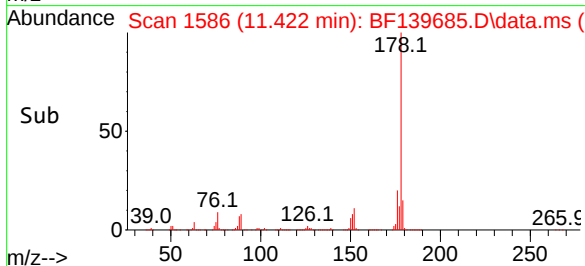
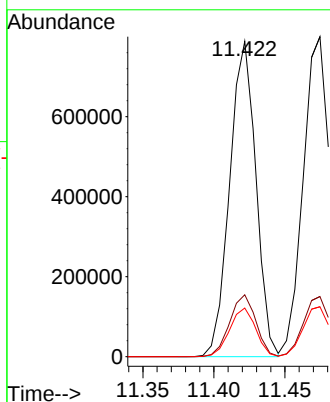
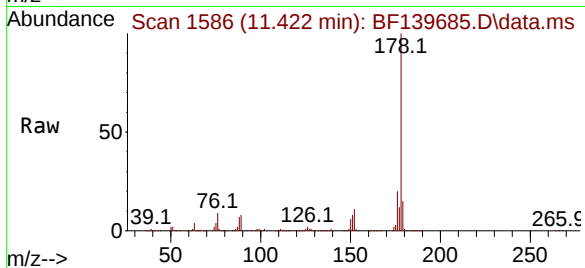
#71
Phenanthrene
Concen: 47.801 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :
BNA_F
ClientSampleId :
PB163902BS

Tgt Ion:178 Resp: 1011818
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.4 12.3 18.5

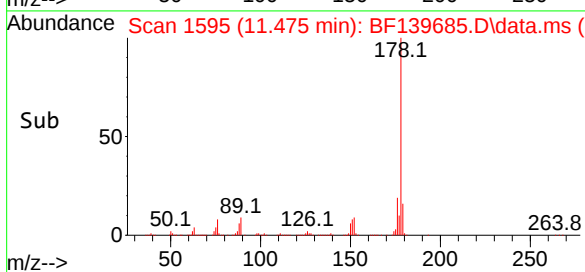
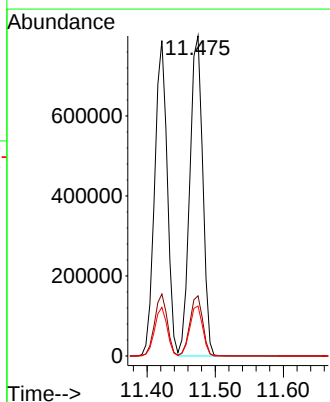
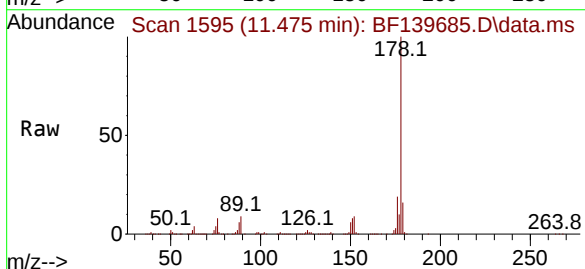
Manual Integrations
APPROVED

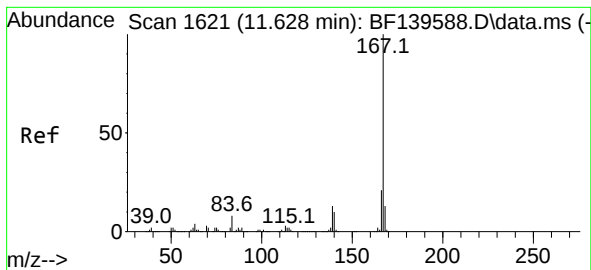
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#72
Anthracene
Concen: 49.890 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

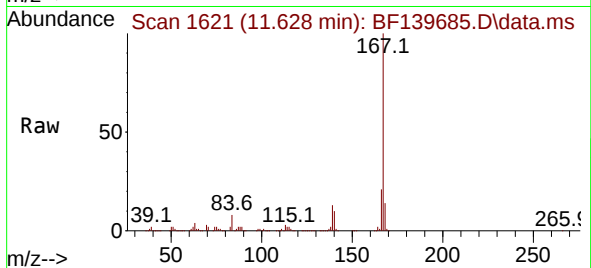
Tgt Ion:178 Resp: 1044748
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 48.300 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF139685.D
 Acq: 07 Oct 2024 14:35

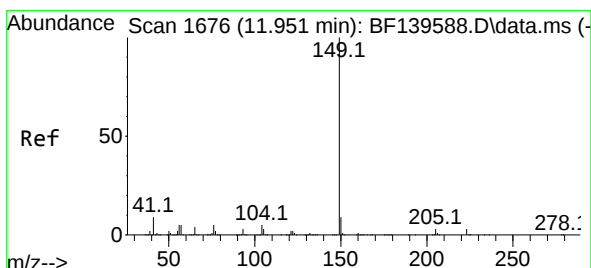
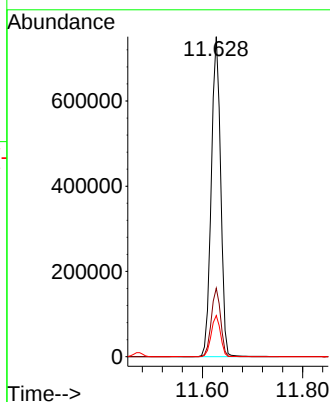
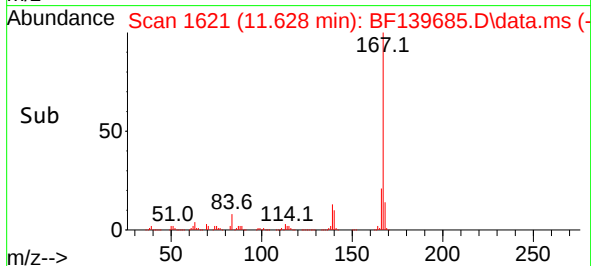
Instrument :
 BNA_F
 ClientSampleId :
 PB163902BS



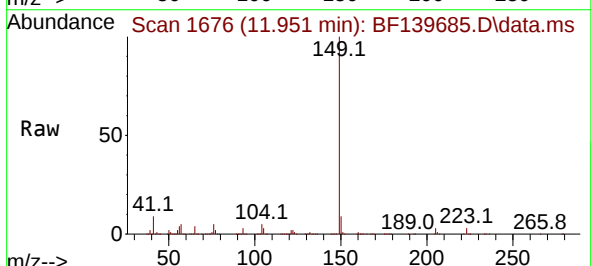
Tgt Ion:167 Resp: 971439
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.8 10.3 15.5

Manual Integrations
 APPROVED

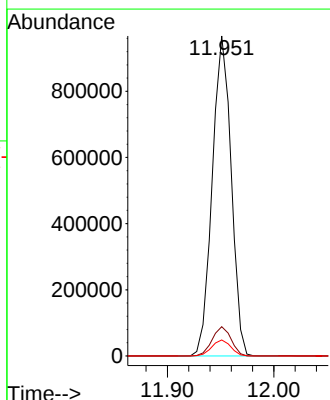
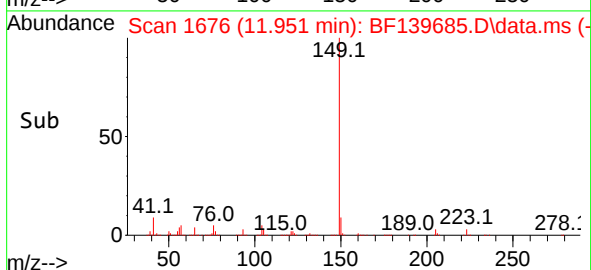
Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024

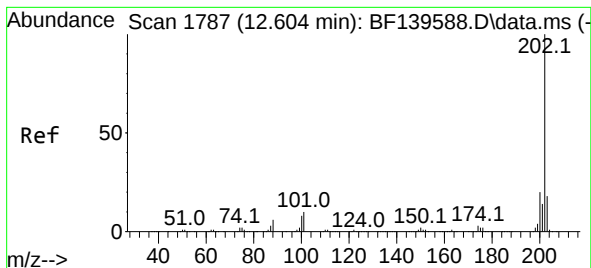


#74
 Di-n-butylphthalate
 Concen: 48.713 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF139685.D
 Acq: 07 Oct 2024 14:35



Tgt Ion:149 Resp: 1191401
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 48.460 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139685.D

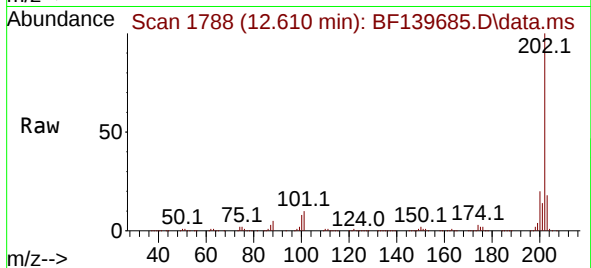
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS



Tgt Ion:202 Resp: 1121318

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.2

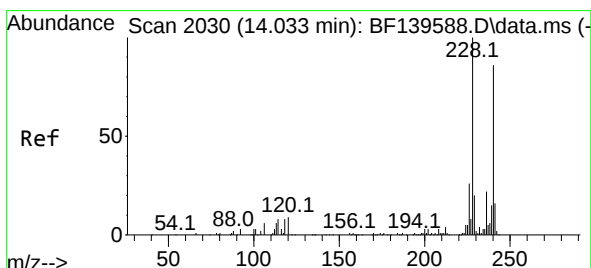
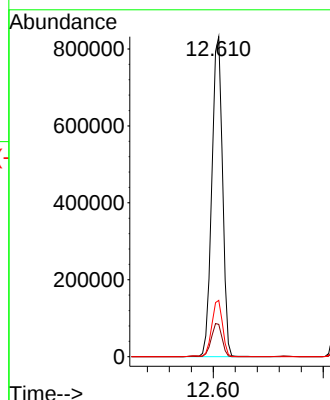
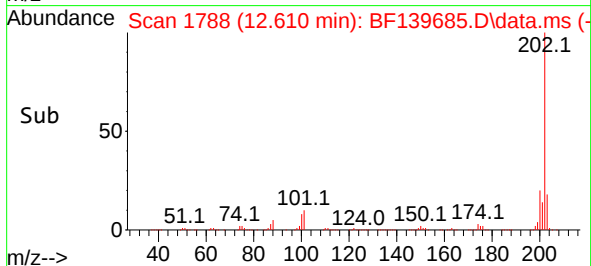
203 17.6 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

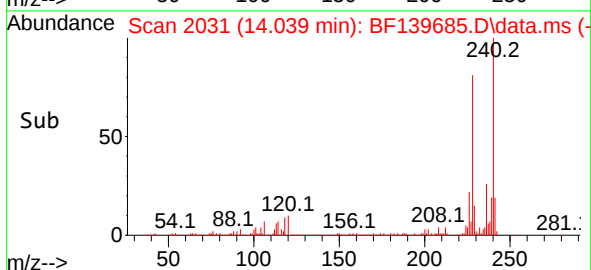
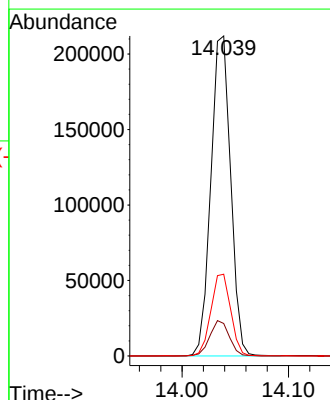
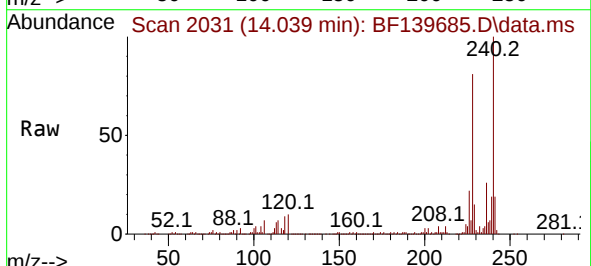
Tgt Ion:240 Resp: 273215

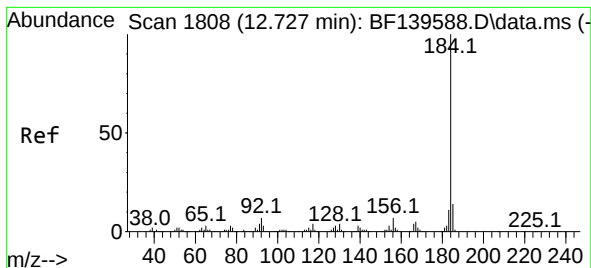
Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

236 25.5 20.3 30.5





#77

Benzidine

Concen: 81.308 ng

RT: 12.727 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

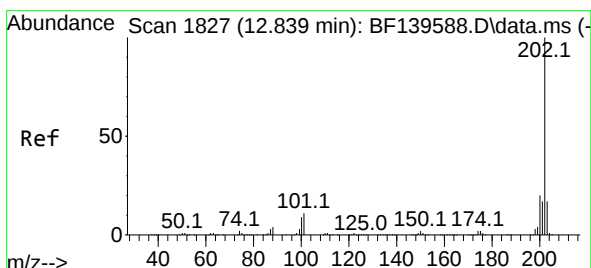
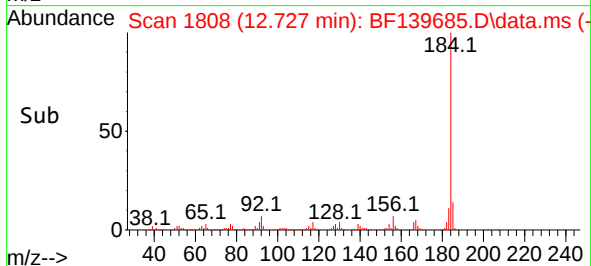
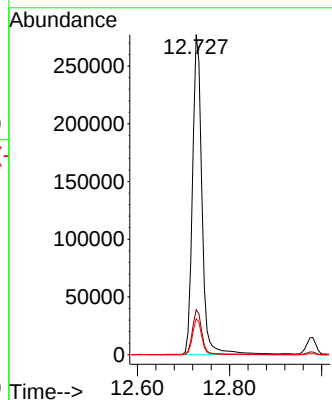
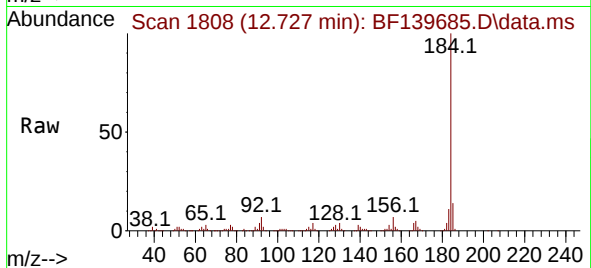
Tgt Ion:184 Resp: 391839
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.4 17.0
 183 11.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#78

Pyrene

Concen: 46.859 ng

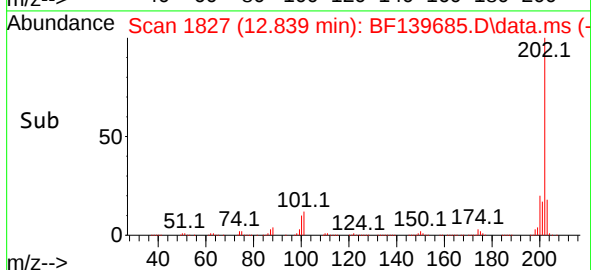
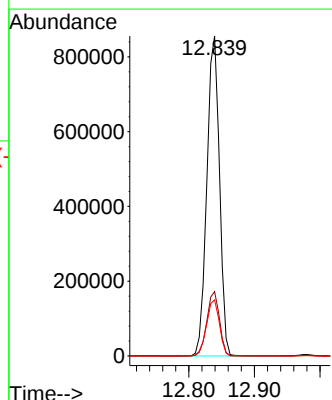
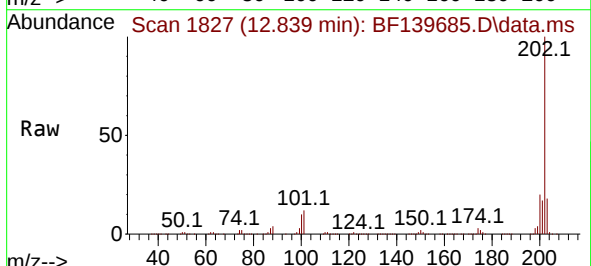
RT: 12.839 min Scan# 1827

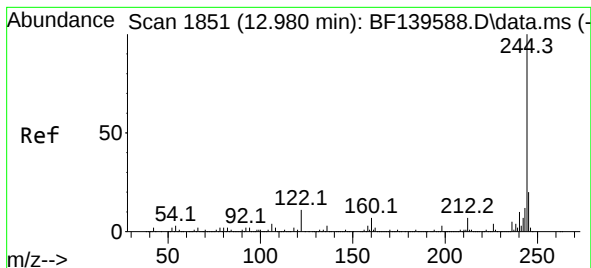
Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Tgt Ion:202 Resp: 1145049
 Ion Ratio Lower Upper
 202 100
 200 20.1 15.8 23.6
 203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 90.670 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139685.D

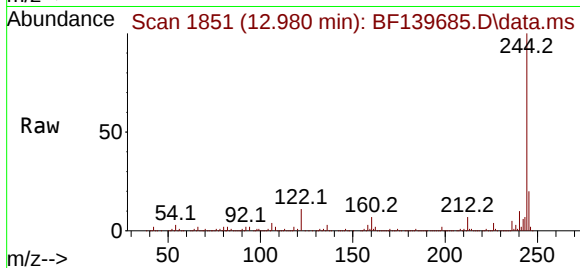
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS



Tgt Ion:244 Resp: 150974

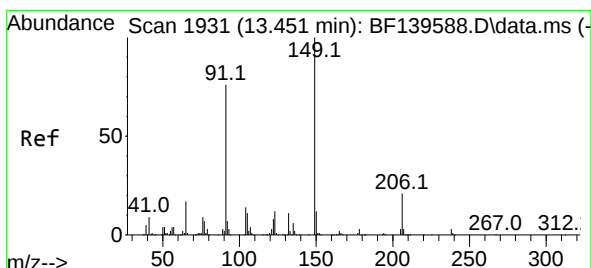
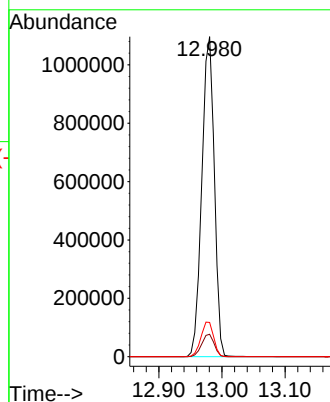
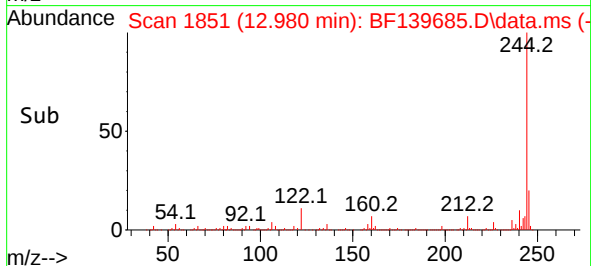
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#80

Butylbenzylphthalate

Concen: 52.638 ng

RT: 13.451 min Scan# 1931

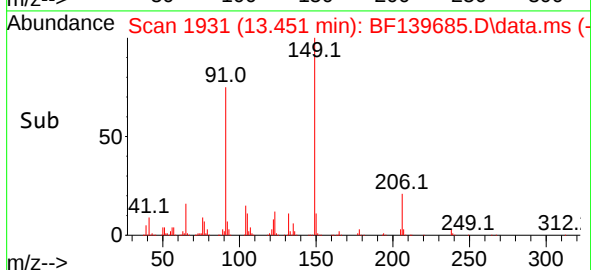
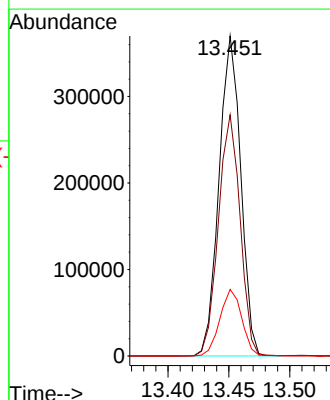
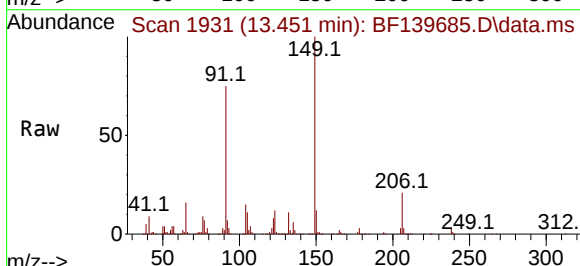
Delta R.T. 0.000 min

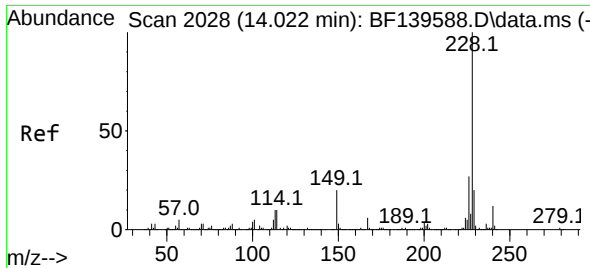
Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Tgt Ion:149 Resp: 460085

Ion	Ratio	Lower	Upper
149	100		
91	75.4	61.0	91.4
206	20.8	16.6	24.8





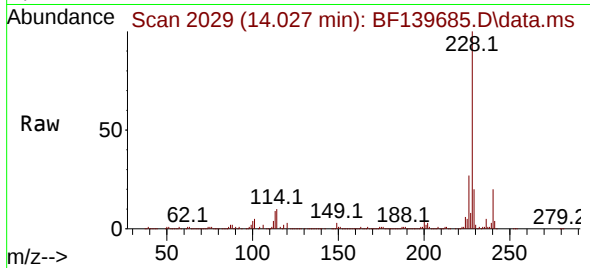
#81
Benzo(a)anthracene
Concen: 49.634 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

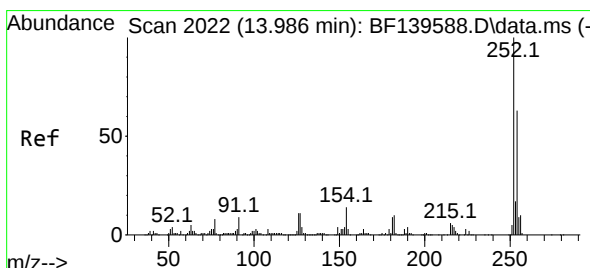
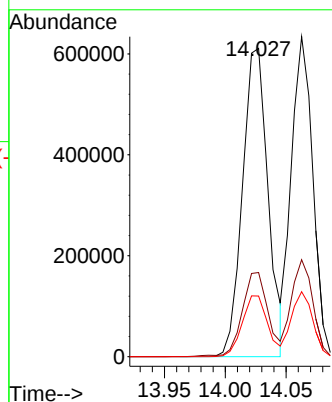
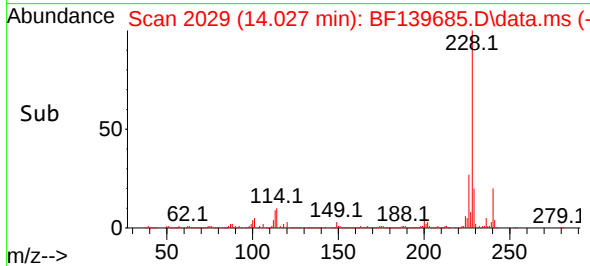


Tgt Ion:228 Resp: 891569
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.8

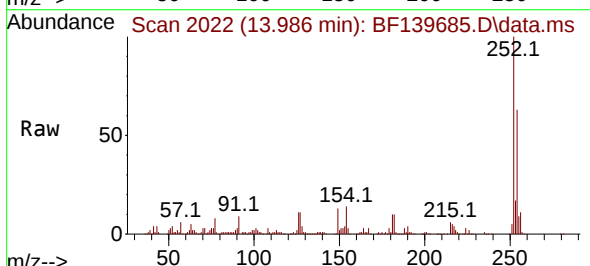
Manual Integrations

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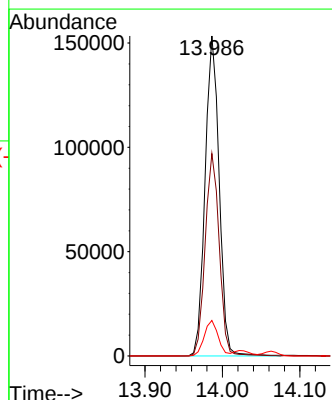
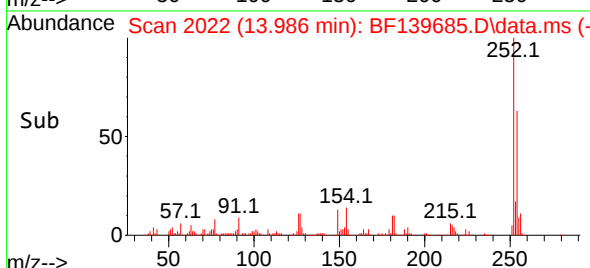
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

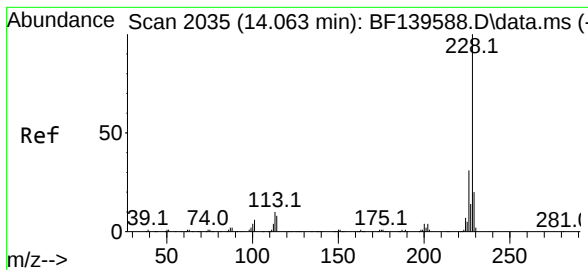


#82
3,3'-Dichlorobenzidine
Concen: 35.216 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35



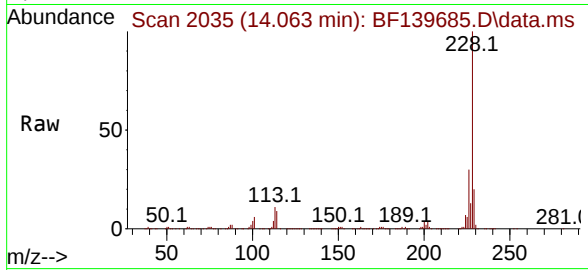
Tgt Ion:252 Resp: 193599
Ion Ratio Lower Upper
252 100
254 63.2 50.5 75.7
126 11.1 8.8 13.2





#83
Chrysene
Concen: 47.591 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

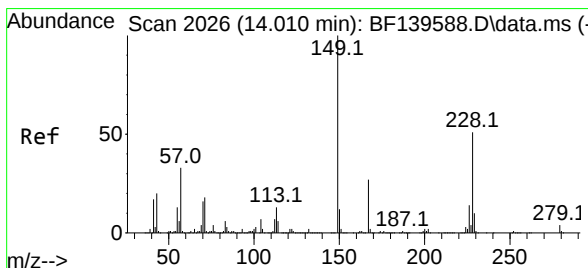
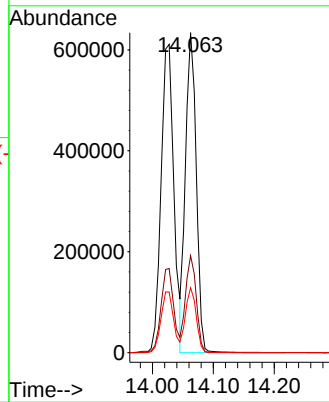
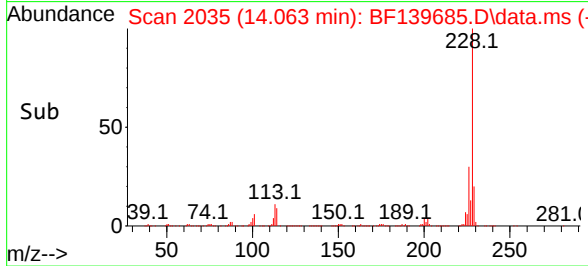
Instrument :
BNA_F
ClientSampleId :
PB163902BS



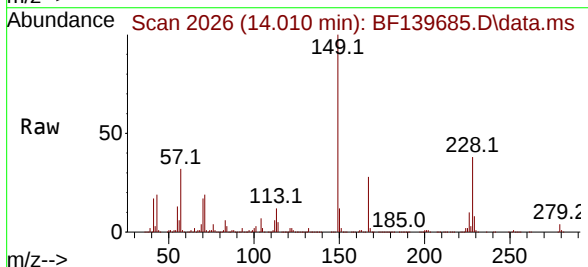
Tgt Ion:228 Resp: 781572
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 20.3 15.7 23.5

Manual Integrations
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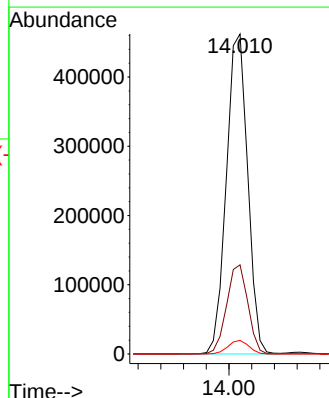
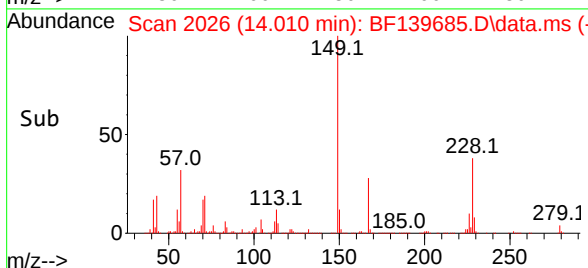
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

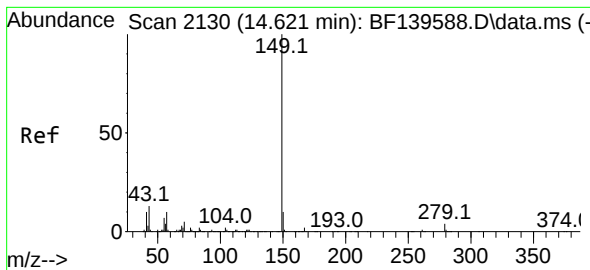


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.258 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35



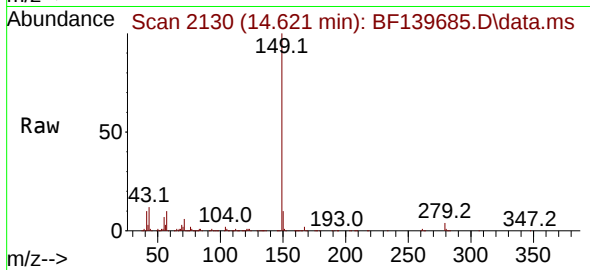
Tgt Ion:149 Resp: 603106
Ion Ratio Lower Upper
149 100
167 27.9 21.7 32.5
279 4.3 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 53.575 ng
RT: 14.621 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

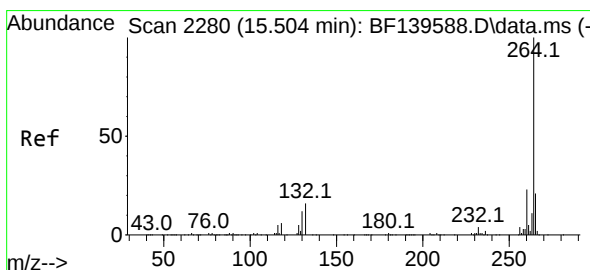
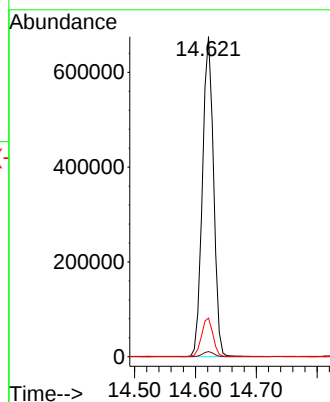
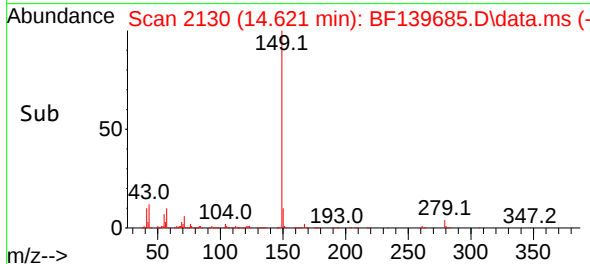
Instrument :
BNA_F
ClientSampleId :
PB163902BS



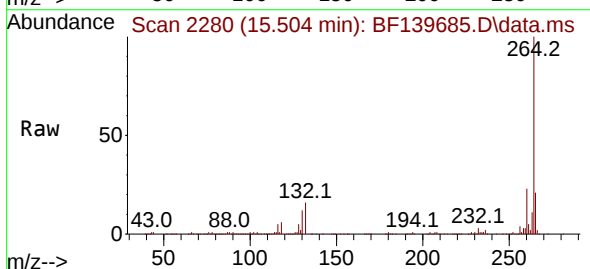
Tgt Ion:149 Resp: 859040
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.2 10.2 15.2

Manual Integrations
APPROVED

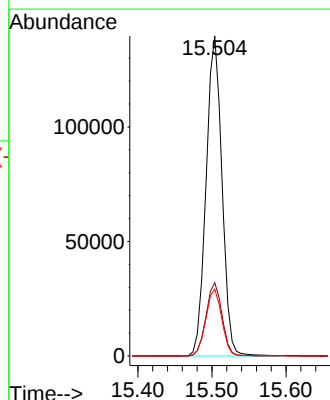
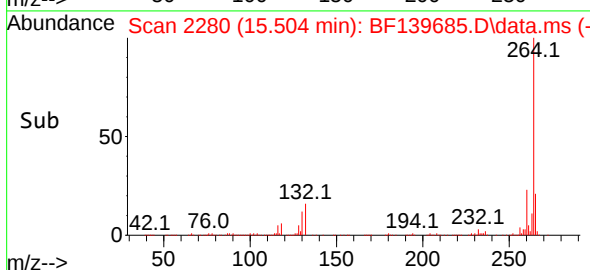
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

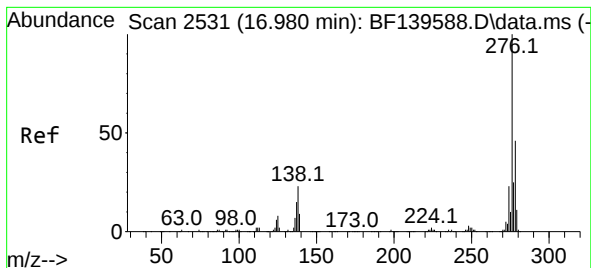


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35



Tgt Ion:264 Resp: 208036
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 20.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.615 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS

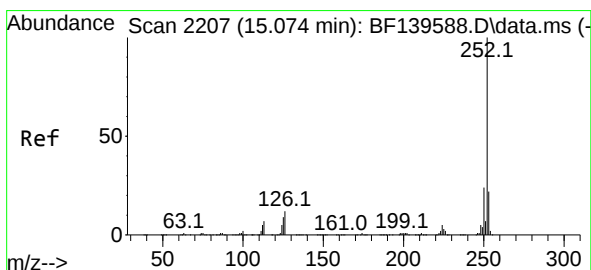
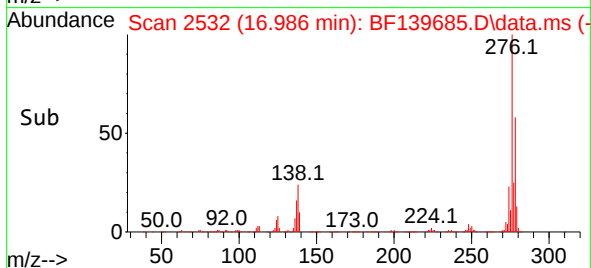
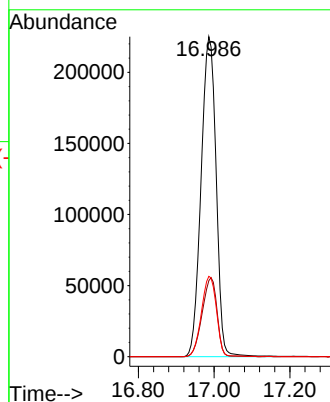
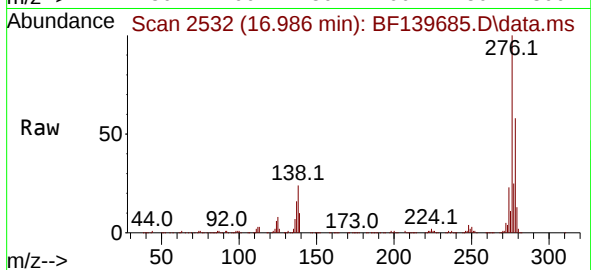
Tgt Ion:	276	Resp:	619750
Ion Ratio	Lower	Upper	
276	100		
138	24.4	19.4	29.0
277	25.1	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#88

Benzo(b)fluoranthene

Concen: 50.006 ng

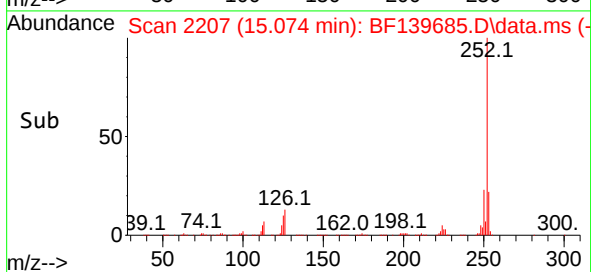
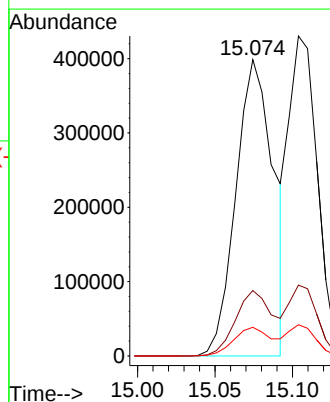
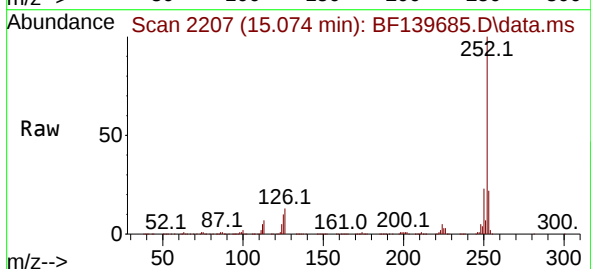
RT: 15.074 min Scan# 2207

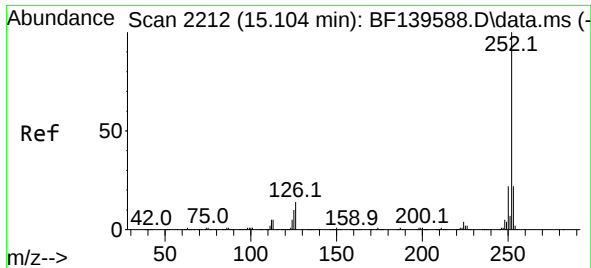
Delta R.T. 0.000 min

Lab File: BF139685.D

Acq: 07 Oct 2024 14:35

Tgt Ion:	252	Resp:	672649
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.0
125	9.7	7.4	11.0





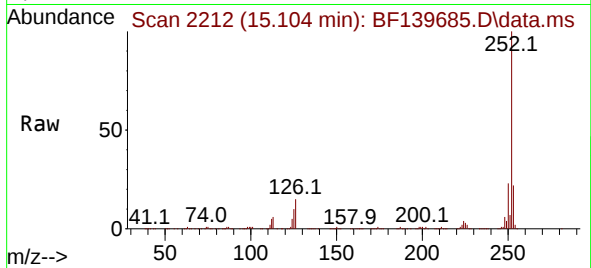
#89
Benzo(k)fluoranthene
Concen: 49.027 ng
RT: 15.104 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

ClientSampleId :

PB163902BS



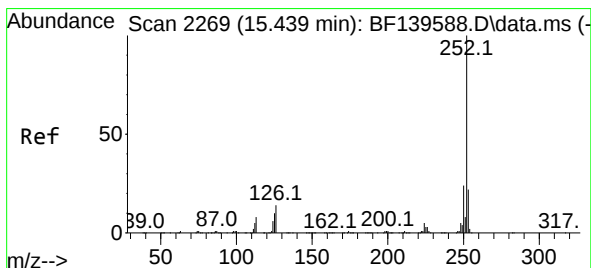
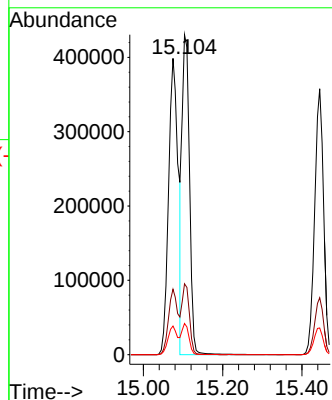
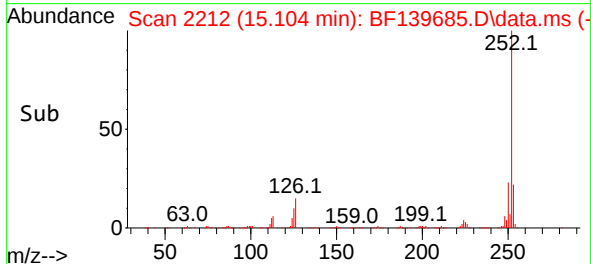
Tgt Ion:252 Resp: 559417
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.8 7.6 11.4

Manual Integrations

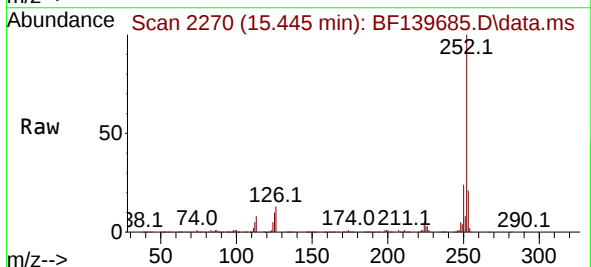
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

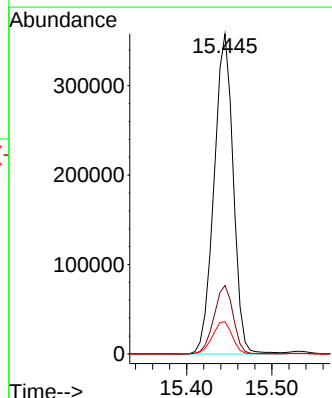
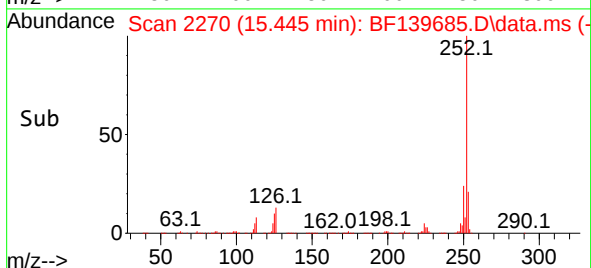
Supervised By :mohammad ahmed 10/09/2024

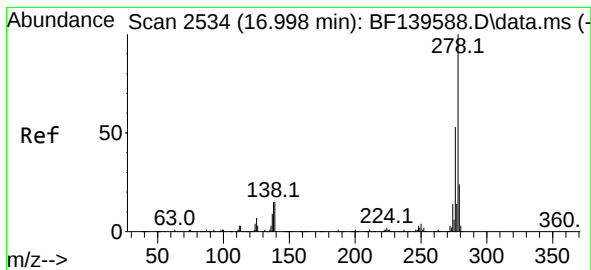


#90
Benzo(a)pyrene
Concen: 52.681 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35



Tgt Ion:252 Resp: 558749
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 10.0 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 49.986 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Instrument :

BNA_F

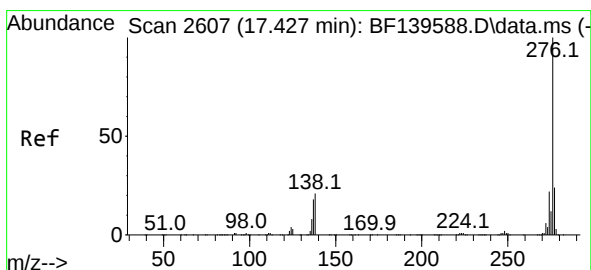
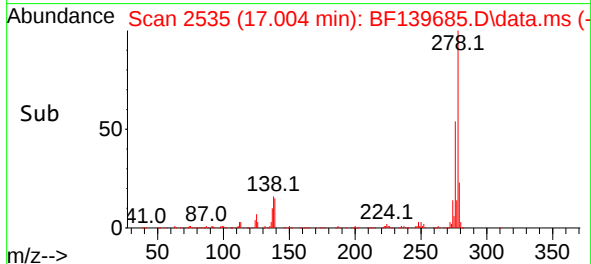
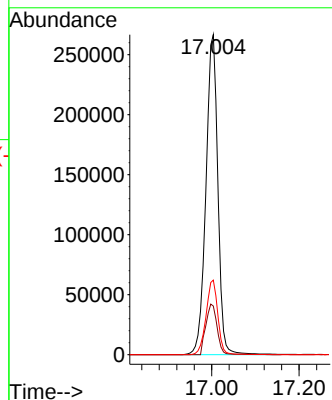
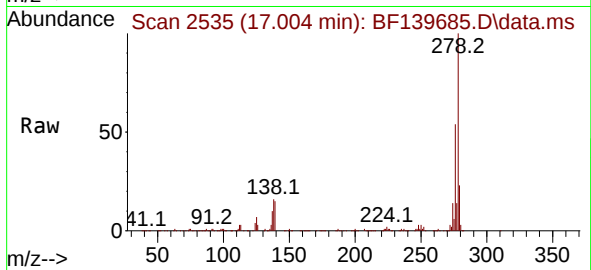
ClientSampleId :

PB163902BS

Tgt Ion:278 Resp: 50764
Ion Ratio Lower Upper
278 100
139 15.2 12.2 18.4
279 23.3 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#92
Benzo(g,h,i)perylene
Concen: 46.420 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF139685.D
Acq: 07 Oct 2024 14:35

Tgt Ion:276 Resp: 472795
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 21.2 17.0 25.6

