

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139684.D
 Acq On : 07 Oct 2024 14:06
 Operator : RC/JU
 Sample : PB163870BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163870BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 14:37:47 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	94125	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	362215	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	211552	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	422078	20.000	ng	0.00
76) Chrysene-d12	14.039	240	262010	20.000	ng	0.00
86) Perylene-d12	15.504	264	193748	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	747625	137.670	ng	0.02
7) Phenol-d6	6.510	99	1004408	137.535	ng	0.00
23) Nitrobenzene-d5	7.433	82	654705	91.514	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	287264	140.665	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1217480	88.350	ng	0.00
79) Terphenyl-d14	12.980	244	1483420	92.899	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	96063	40.915	ng	99
3) Pyridine	3.481	79	259391	45.426	ng	97
4) n-Nitrosodimethylamine	3.446	42	176325	47.175	ng	95
6) Aniline	6.534	93	357660	55.191	ng	91
8) 2-Chlorophenol	6.657	128	292354	50.248	ng	98
9) Benzaldehyde	6.416	77	97526	25.210	ng	100
10) Phenol	6.522	94	383428	49.932	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	291194	46.573	ng	99
12) 1,3-Dichlorobenzene	6.810	146	297434	45.443	ng	99
13) 1,4-Dichlorobenzene	6.886	146	302330	45.607	ng	99
14) 1,2-Dichlorobenzene	7.039	146	288814	46.486	ng	99
15) Benzyl Alcohol	7.016	79	278345	49.883	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	513162	47.410	ng	81
17) 2-Methylphenol	7.128	107	237248	48.844	ng	98
18) Hexachloroethane	7.381	117	112762	45.604	ng	100
19) n-Nitroso-di-n-propyla...	7.286	70	220839	47.036	ng	98
20) 3+4-Methylphenols	7.281	107	301304	49.387	ng	96
22) Acetophenone	7.281	105	398132	46.306	ng	98
24) Nitrobenzene	7.457	77	336258	45.391	ng	98
25) Isophorone	7.692	82	604123	47.544	ng	99
26) 2-Nitrophenol	7.769	139	156979	49.291	ng	100
27) 2,4-Dimethylphenol	7.804	122	230571	59.140	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	359753	47.413	ng	99
29) 2,4-Dichlorophenol	8.010	162	254322	50.011	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	252460	43.899	ng	98
31) Naphthalene	8.175	128	859351	46.402	ng	99
32) Benzoic acid	7.945	122	191266	49.337	ng	98
33) 4-Chloroaniline	8.222	127	208940	33.330	ng	100
34) Hexachlorobutadiene	8.286	225	161228	43.321	ng	99
35) Caprolactam	8.598	113	88920m	53.312	ng	
36) 4-Chloro-3-methylphenol	8.710	107	288898	50.186	ng	100
37) 2-Methylnaphthalene	8.863	142	567900	47.083	ng	99
38) 1-Methylnaphthalene	8.963	142	526217	44.633	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	268549	45.714	ng	98
41) Hexachlorocyclopentadiene	9.016	237	305606	169.661	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	189635	47.885	ng	100

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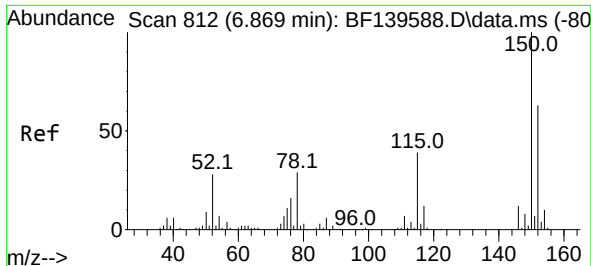
Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 10/09/2024

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	202047	47.310	ng	99
46) 1,1'-Biphenyl	9.327	154	716705	45.550	ng	99
47) 2-Chloronaphthalene	9.357	162	533501	45.228	ng	99
48) 2-Nitroaniline	9.451	65	212412	50.164	ng	99
49) Acenaphthylene	9.769	152	909850	50.720	ng	100
50) Dimethylphthalate	9.633	163	675403	48.771	ng	100
51) 2,6-Dinitrotoluene	9.698	165	149188	47.690	ng	94
52) Acenaphthene	9.939	154	652761m	53.006	ng	
53) 3-Nitroaniline	9.863	138	132104	41.323	ng	99
54) 2,4-Dinitrophenol	9.974	184	185175	110.053	ng	99
55) Dibenzofuran	10.116	168	828644	48.058	ng	100
56) 4-Nitrophenol	10.033	139	247471	101.511	ng	98
57) 2,4-Dinitrotoluene	10.104	165	206106	50.404	ng	96
58) Fluorene	10.457	166	650992	47.402	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	179907	52.156	ng	97
60) Diethylphthalate	10.327	149	695935	48.654	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	316625	46.084	ng	98
62) 4-Nitroaniline	10.486	138	169491	51.832	ng	98
63) Azobenzene	10.610	77	699045	48.596	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	121521	50.977	ng	98
66) n-Nitrosodiphenylamine	10.569	169	587738	47.241	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	196327	45.366	ng	99
68) Hexachlorobenzene	11.004	284	218225	45.444	ng	99
69) Atrazine	11.098	200	193431	57.947	ng	99
70) Pentachlorophenol	11.204	266	255798	89.459	ng	99
71) Phenanthrene	11.421	178	962777	48.378	ng	100
72) Anthracene	11.474	178	983017	49.929	ng	100
73) Carbazole	11.627	167	923233	48.823	ng	100
74) Di-n-butylphthalate	11.951	149	1113613	48.429	ng	100
75) Fluoranthene	12.610	202	1066528	49.024	ng	100
77) Benzidine	12.727	184	460221	99.582	ng	100
78) Pyrene	12.839	202	1092128	46.605	ng	99
80) Butylbenzylphthalate	13.451	149	437098	52.147	ng	99
81) Benzo(a)anthracene	14.027	228	849404	49.309	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	212513	40.310	ng	99
83) Chrysene	14.062	228	769028	48.830	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	578078	55.230	ng	100
85) Di-n-octyl phthalate	14.621	149	824602	53.626	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	577261	50.621	ng	100
88) Benzo(b)fluoranthene	15.074	252	639903	51.080	ng	99
89) Benzo(k)fluoranthene	15.104	252	523311	49.245	ng	99
90) Benzo(a)pyrene	15.445	252	522929	52.940	ng	100
91) Dibenzo(a,h)anthracene	17.003	278	476396	50.368	ng	99
92) Benzo(g,h,i)perylene	17.433	276	440789	46.469	ng	99

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



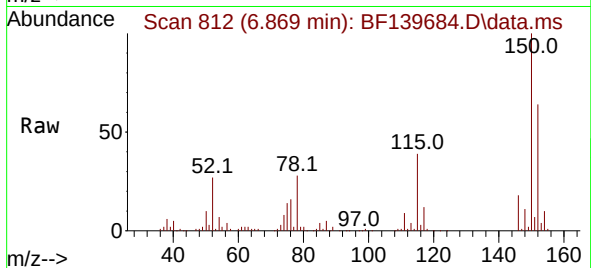
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

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BNA_F

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PB163870BS

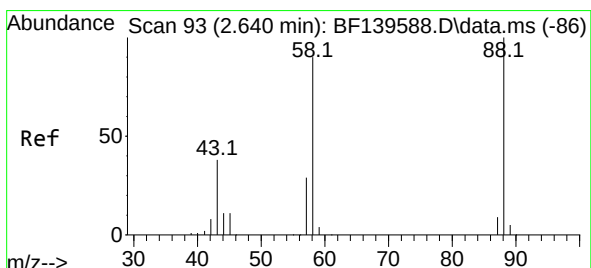
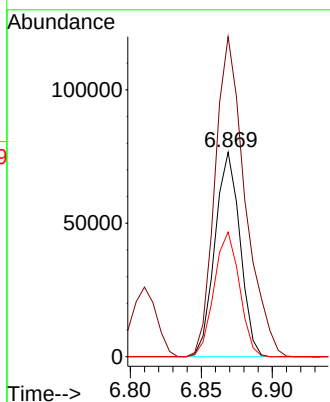
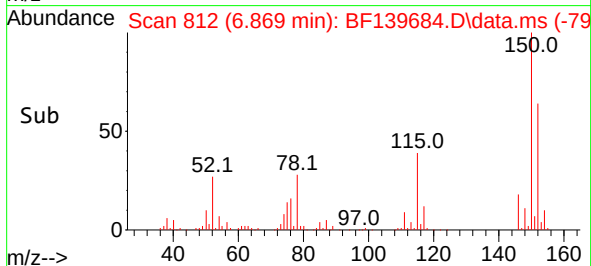


Tgt Ion:152 Resp: 94125
Ion Ratio Lower Upper
152 100
150 156.5 127.2 190.8
115 60.9 49.0 73.4

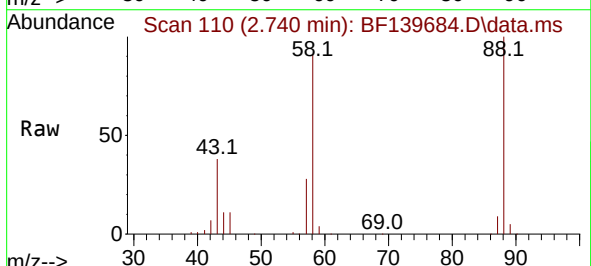
Manual Integrations

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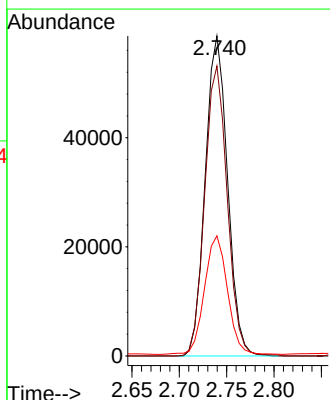
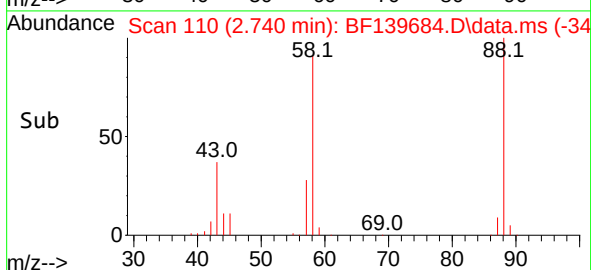
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

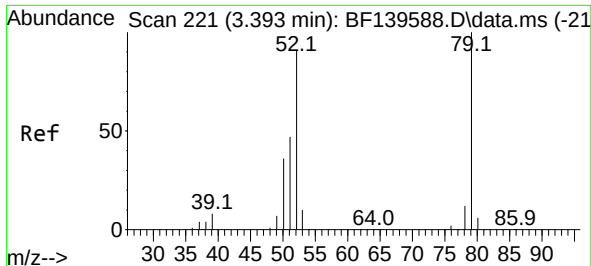


#2
1,4-Dioxane
Concen: 40.915 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.100 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion: 88 Resp: 96063
Ion Ratio Lower Upper
88 100
58 91.6 72.0 108.0
43 38.1 30.8 46.2





#3

Pyridine

Concen: 45.426 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

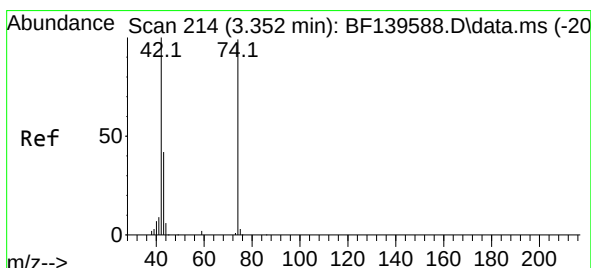
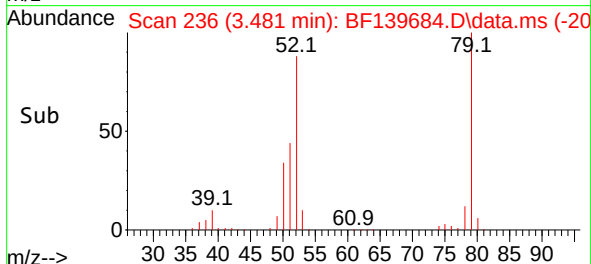
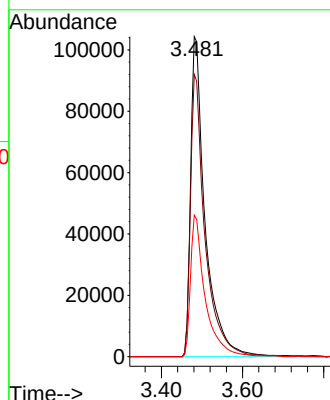
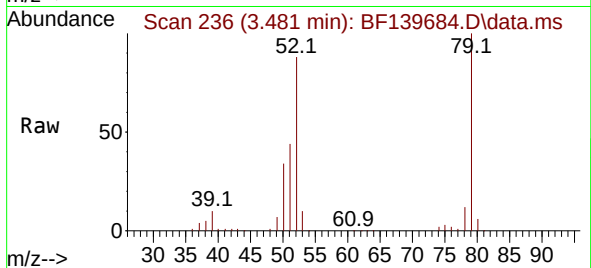
ClientSampleId :

PB163870BS

Tgt Ion:	79	Resp:	25939
Ion Ratio	Lower	Upper	
79	100		
52	88.2	72.6	109.0
51	44.2	37.5	56.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 47.175 ng

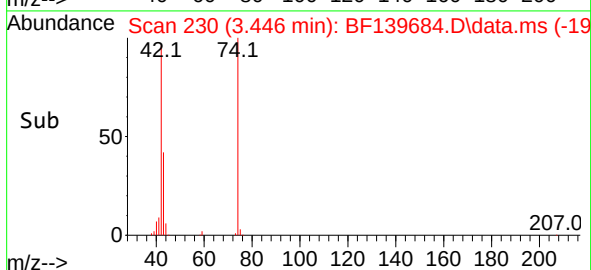
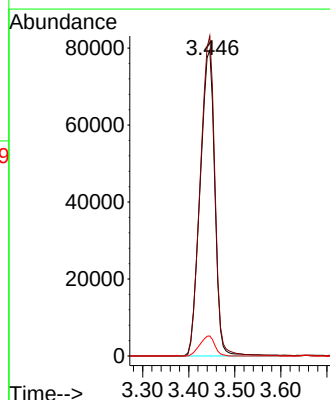
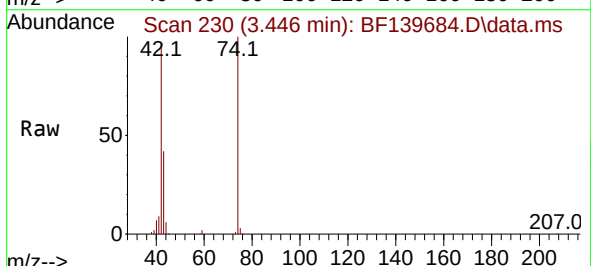
RT: 3.446 min Scan# 230

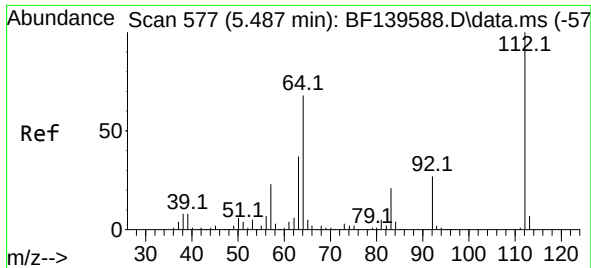
Delta R.T. 0.094 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Tgt Ion:	42	Resp:	176325
Ion Ratio	Lower	Upper	
42	100		
74	104.6	79.0	118.6
44	6.5	5.2	7.8





#5
2-Fluorophenol
Concen: 137.670 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

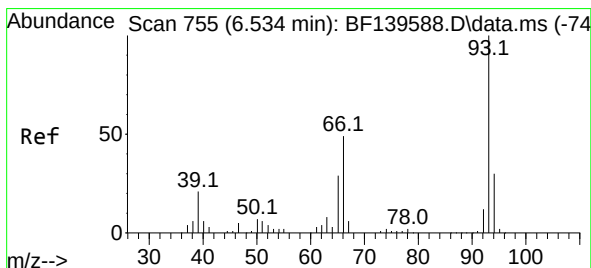
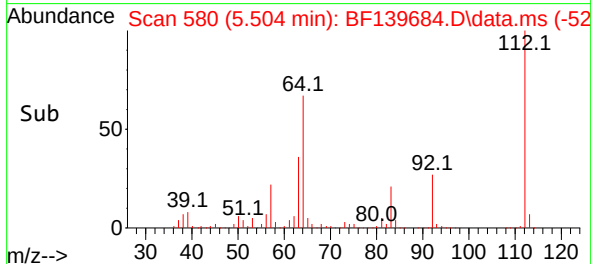
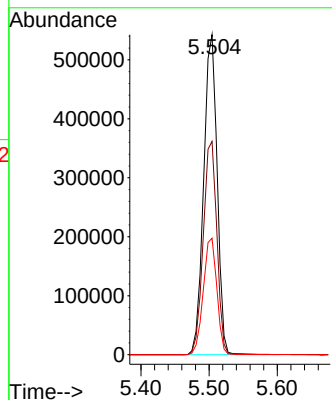
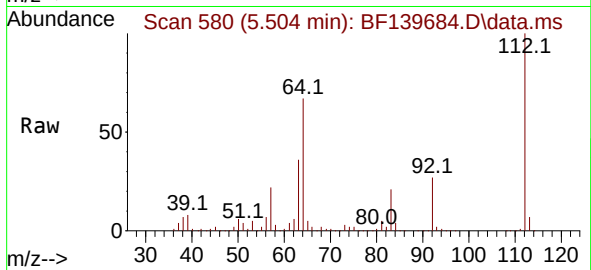
PB163870BS

Tgt Ion:112 Resp: 747629
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.4
63 36.4 29.4 44.2

Manual Integrations

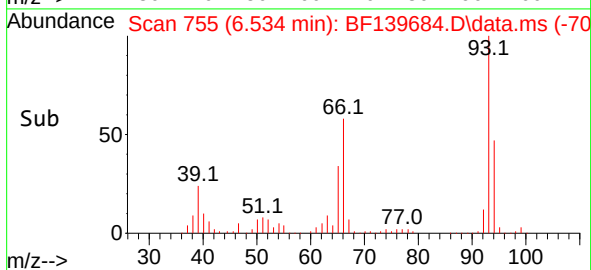
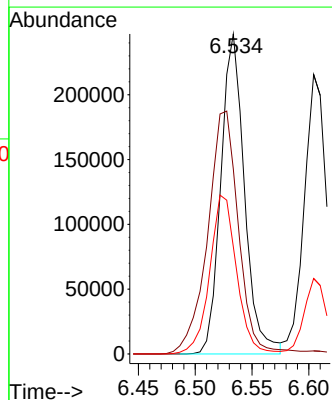
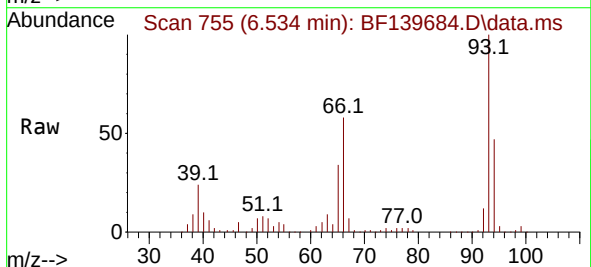
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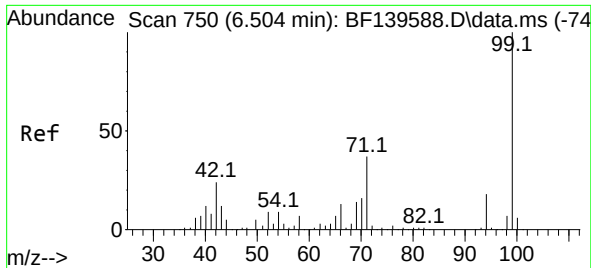
Reviewed By :Yogesh Patel 10/09/2024
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#6
Aniline
Concen: 55.191 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

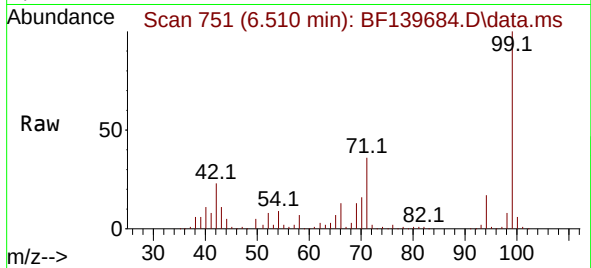
Tgt Ion: 93 Resp: 357660
Ion Ratio Lower Upper
93 100
66 57.8 40.9 61.3
65 33.5 23.3 34.9





#7
Phenol-d6
Concen: 137.535 ng
RT: 6.510 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

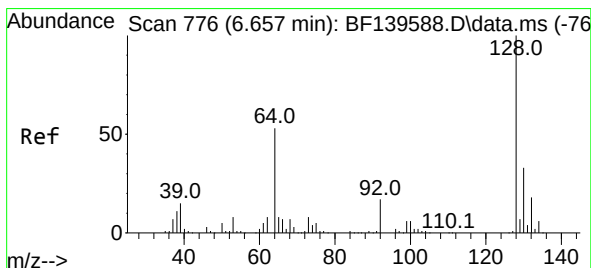
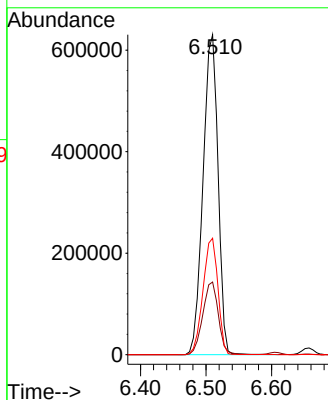
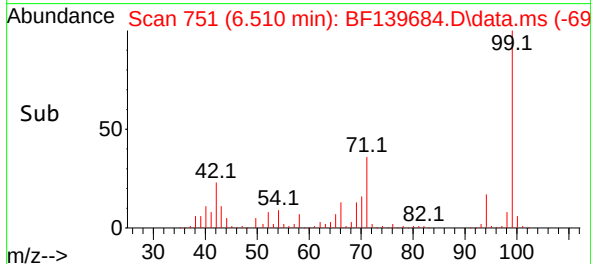
Instrument :
BNA_F
ClientSampleId :
PB163870BS



Tgt Ion: 99 Resp: 1004408
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 36.4 29.7 44.5

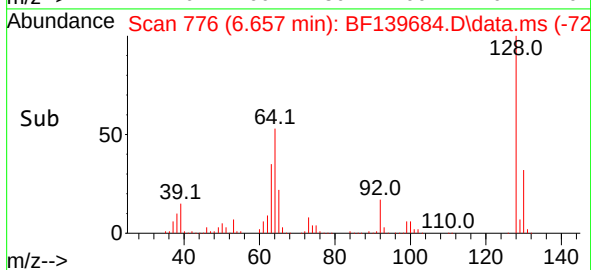
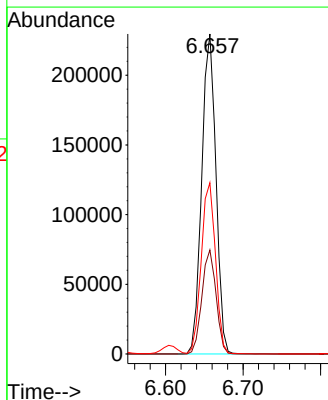
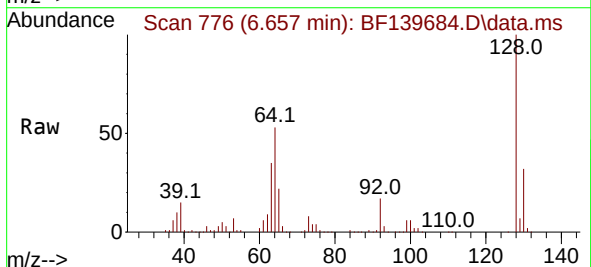
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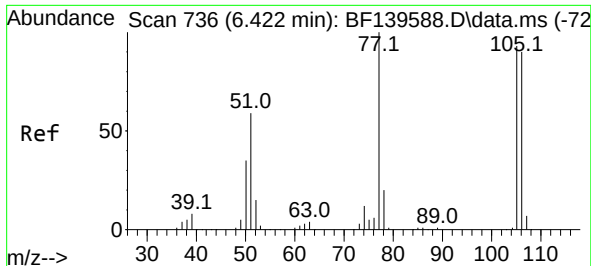
Reviewed By :Yogesh Patel 10/09/2024
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#8
2-Chlorophenol
Concen: 50.248 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:128 Resp: 292354
Ion Ratio Lower Upper
128 100
130 32.5 13.2 53.2
64 53.5 35.1 75.1





#9
Benzaldehyde
Concen: 25.210 ng
RT: 6.416 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

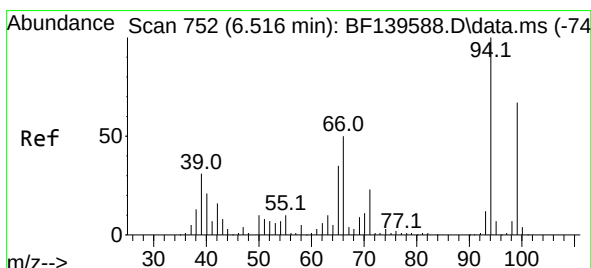
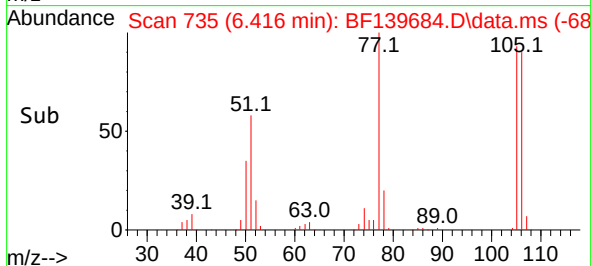
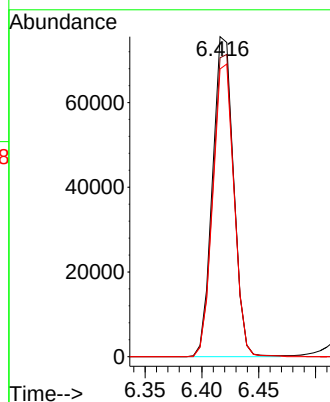
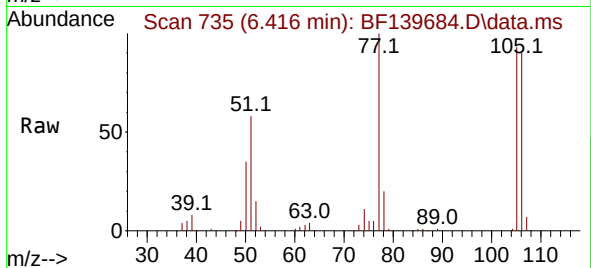
PB163870BS

Tgt Ion: 77 Resp: 97520
Ion Ratio Lower Upper
77 100
105 93.4 72.7 112.7
106 89.9 70.1 110.1

Manual Integrations

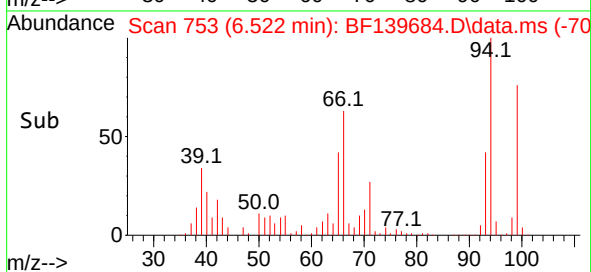
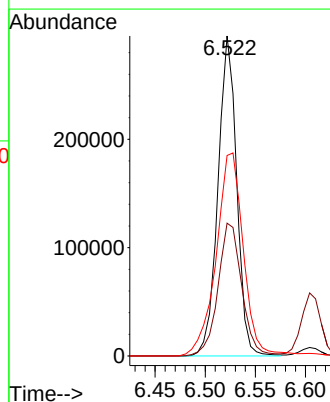
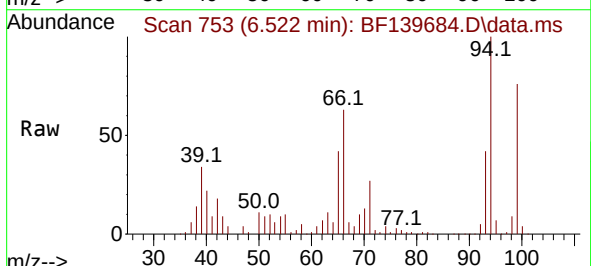
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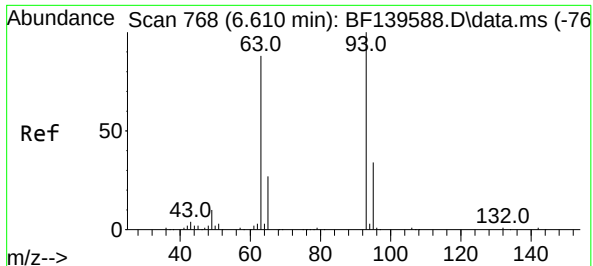
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#10
Phenol
Concen: 49.932 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion: 94 Resp: 383428
Ion Ratio Lower Upper
94 100
65 41.5 15.3 55.3
66 62.7 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 46.573 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

Tgt Ion: 93 Resp: 291194

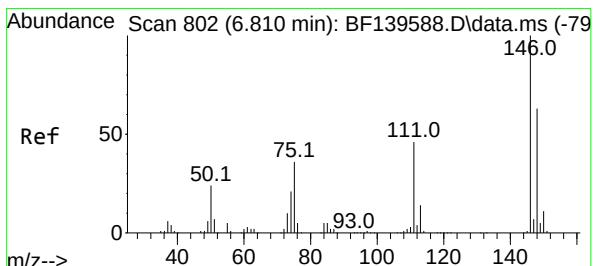
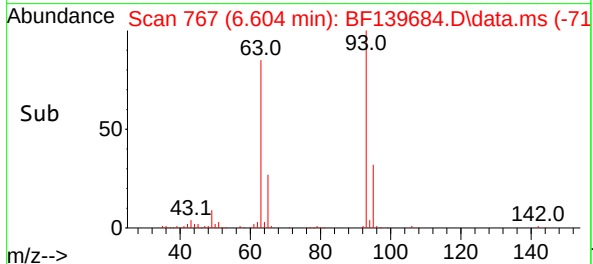
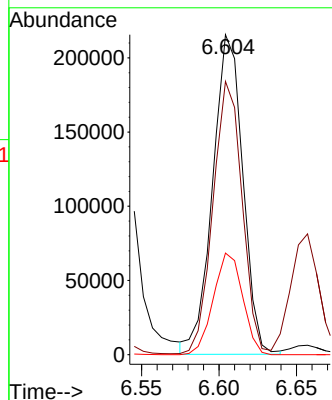
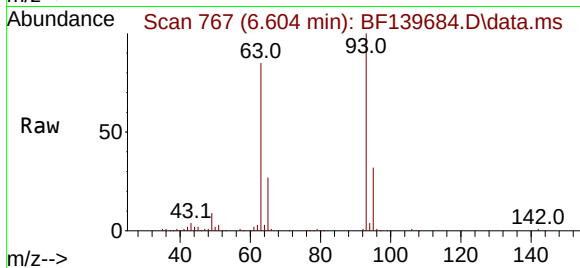
Ion	Ratio	Lower	Upper
93	100		
63	85.4	64.1	104.1
95	31.7	12.3	52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#12

1,3-Dichlorobenzene

Concen: 45.443 ng

RT: 6.810 min Scan# 802

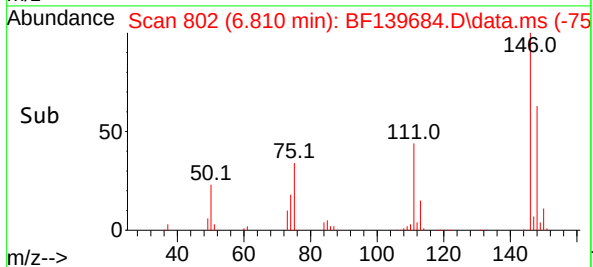
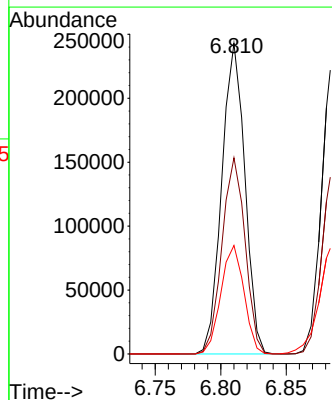
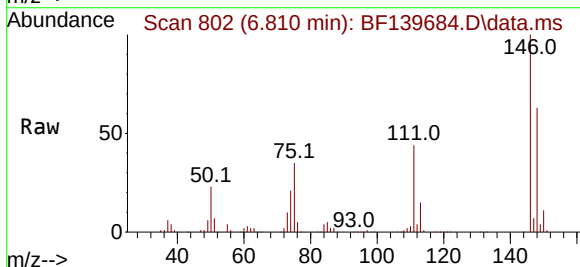
Delta R.T. -0.000 min

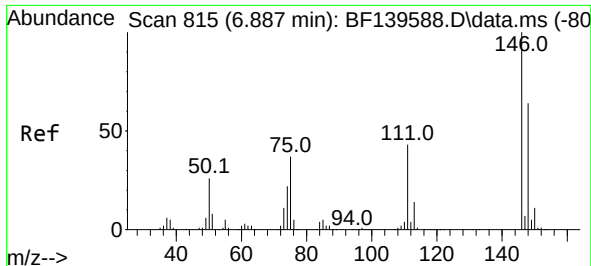
Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Tgt Ion:146 Resp: 297434

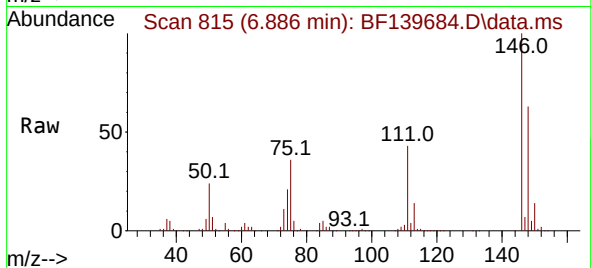
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.2	75.4
75	34.9	28.5	42.7





#13
1,4-Dichlorobenzene
Concen: 45.607 ng
RT: 6.886 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

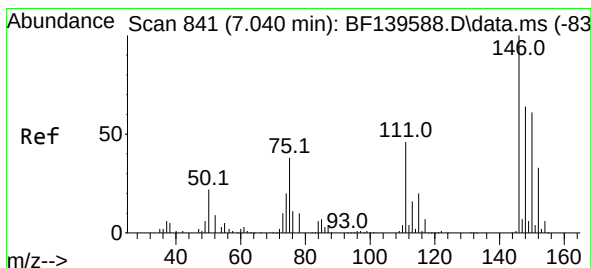
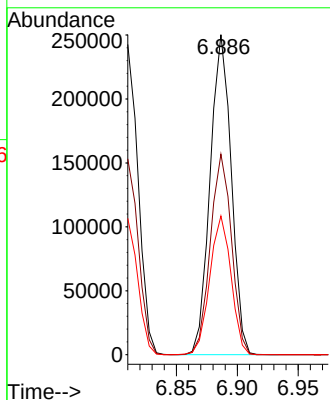
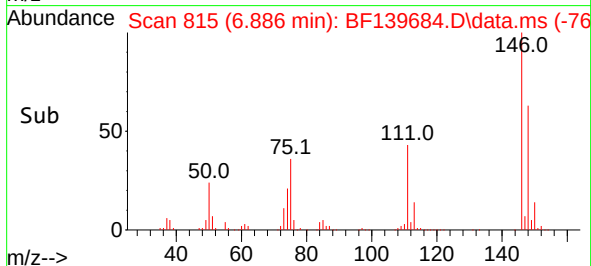
Instrument :
BNA_F
ClientSampleId :
PB163870BS



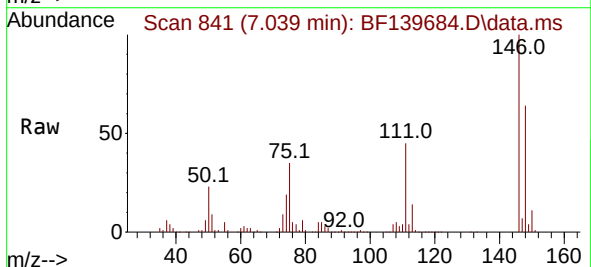
Tgt Ion:146 Resp: 302330
Ion Ratio Lower Upper
146 100
148 62.6 51.0 76.6
111 43.4 34.9 52.3

Manual Integrations
APPROVED

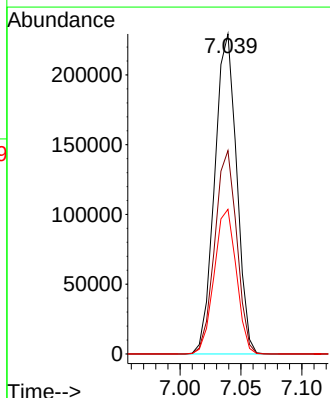
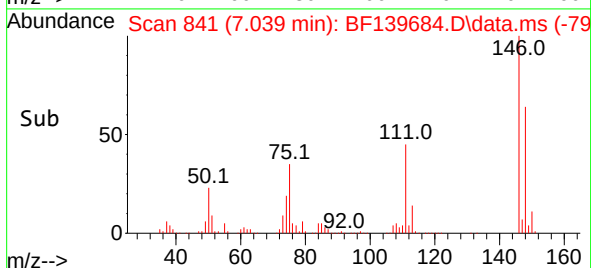
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

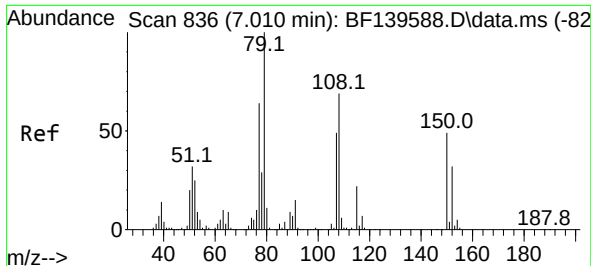


#14
1,2-Dichlorobenzene
Concen: 46.486 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion:146 Resp: 288814
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 45.2 37.0 55.6





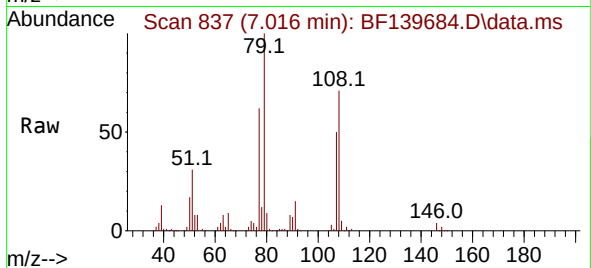
#15
Benzyl Alcohol
Concen: 49.883 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS



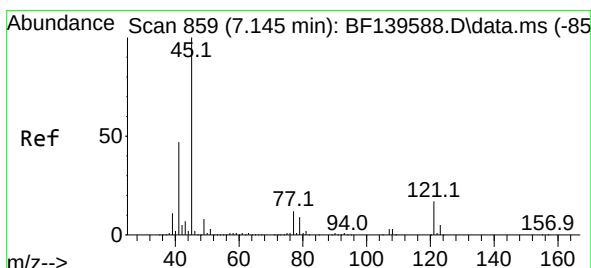
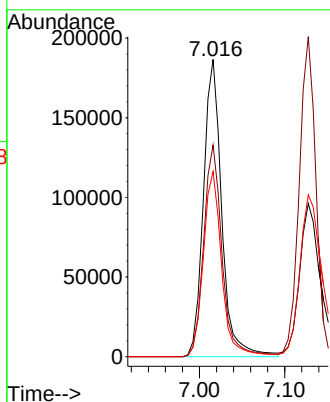
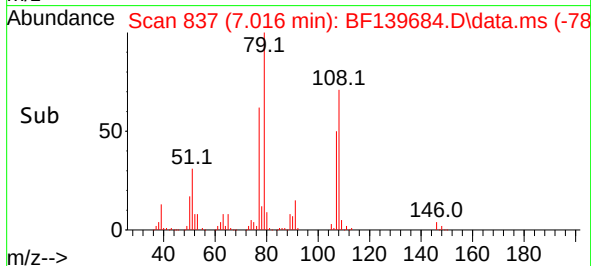
Tgt Ion: 79 Resp: 27834
Ion Ratio Lower Upper
79 100
108 71.2 55.1 82.7
77 62.3 50.8 76.2

Manual Integrations

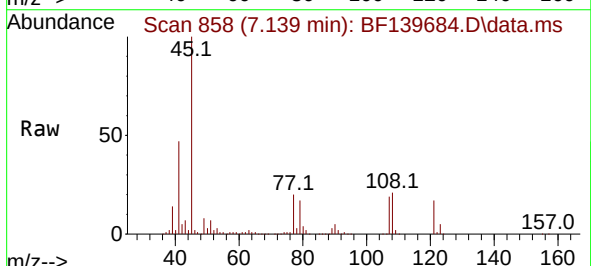
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

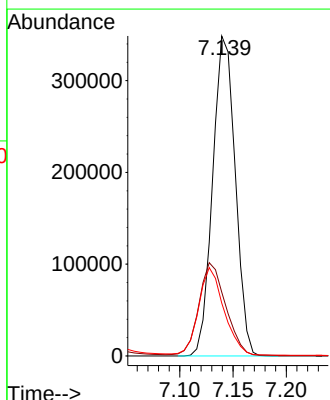
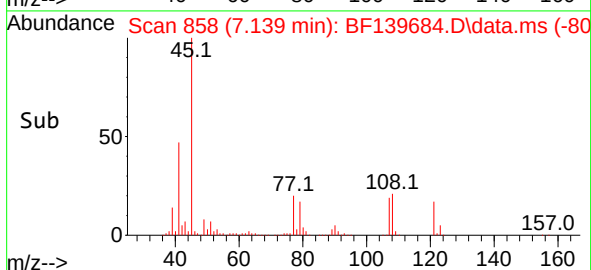
Supervised By :mohammad ahmed 10/09/2024

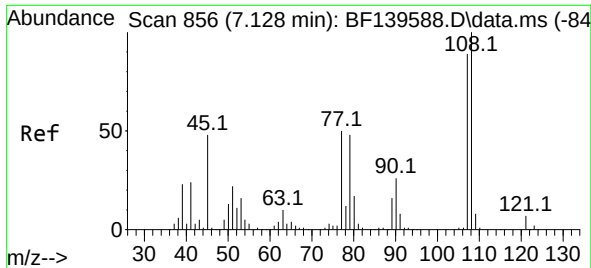


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.410 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion: 45 Resp: 513162
Ion Ratio Lower Upper
45 100
77 19.9 0.0 32.5
79 16.5 0.0 29.7





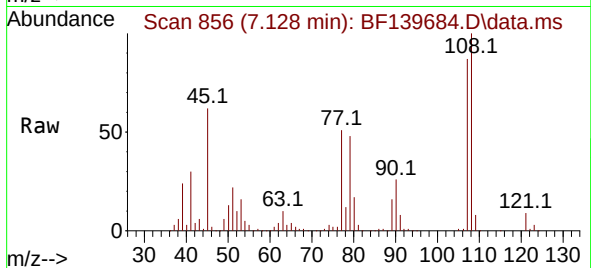
#17
2-Methylphenol
Concen: 48.844 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

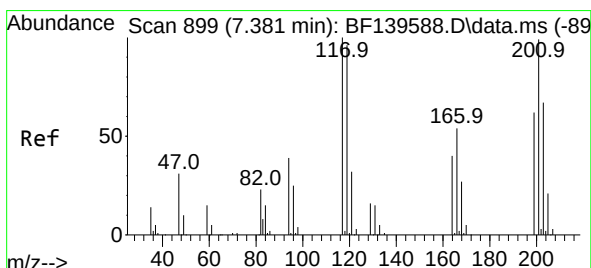
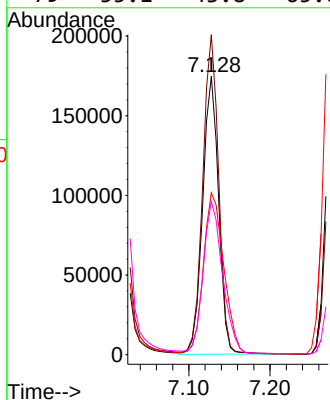
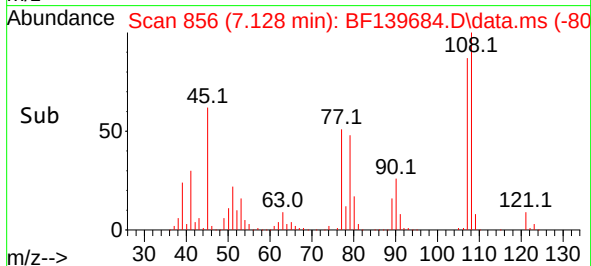


Tgt Ion:107 Resp: 237248
Ion Ratio Lower Upper
107 100
108 115.0 89.8 134.6
77 58.2 44.6 67.0
79 55.1 43.8 65.6

Manual Integrations

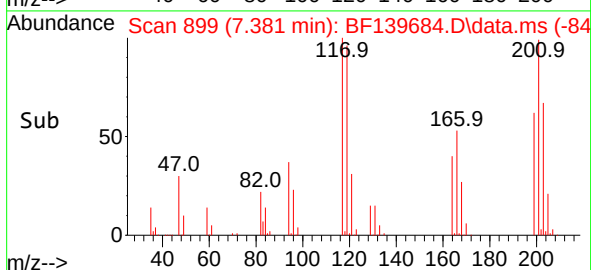
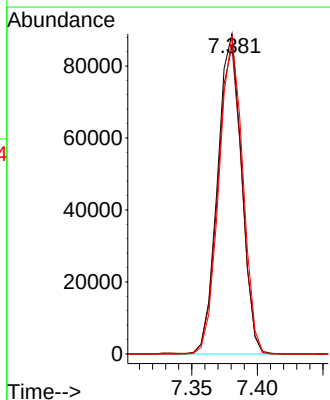
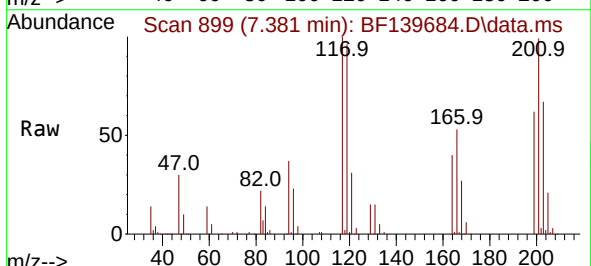
APPROVED

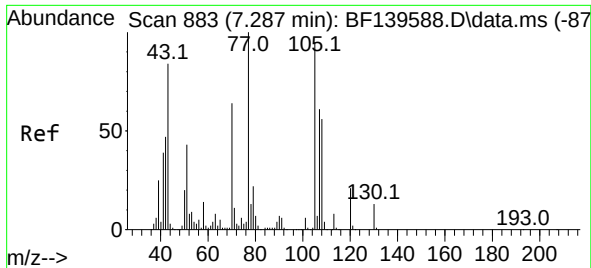
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#18
Hexachloroethane
Concen: 45.604 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:117 Resp: 112762
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6
201 99.3 79.2 118.8





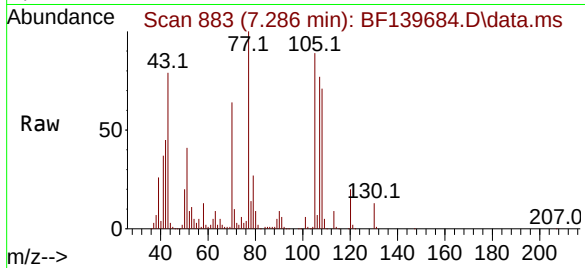
#19
n-Nitroso-di-n-propylamine
Concen: 47.036 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

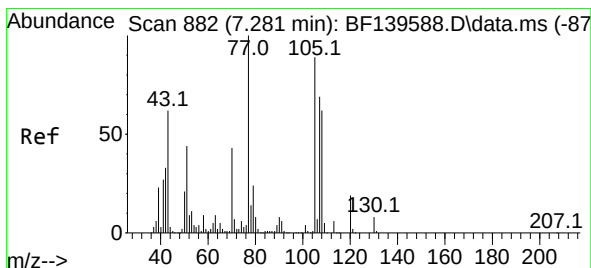
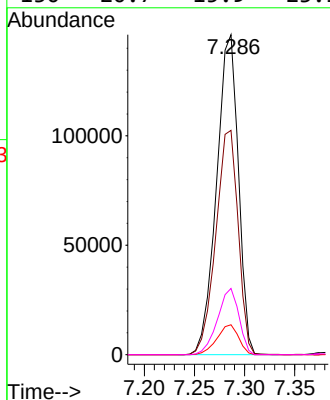
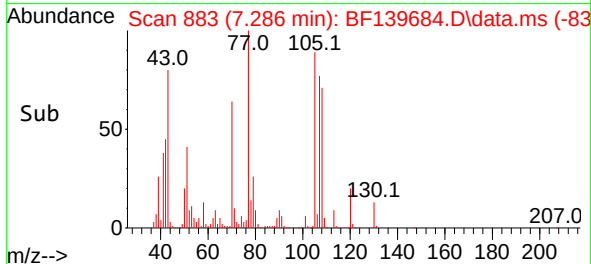


Tgt Ion: 70 Resp: 220839
Ion Ratio Lower Upper
70 100
42 70.1 58.0 87.0
101 9.4 7.8 11.8
130 20.7 15.9 23.9

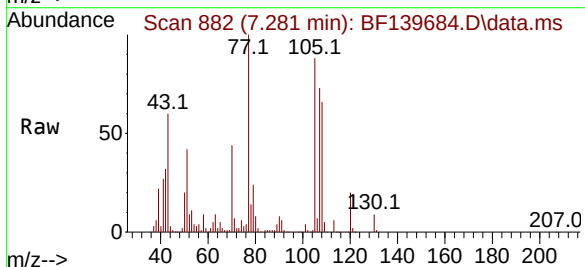
Manual Integrations

APPROVED

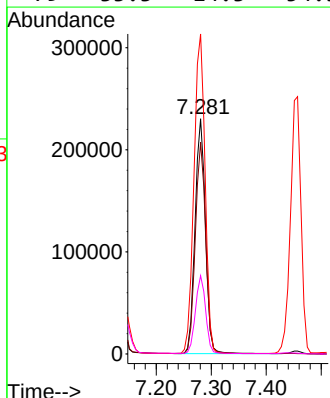
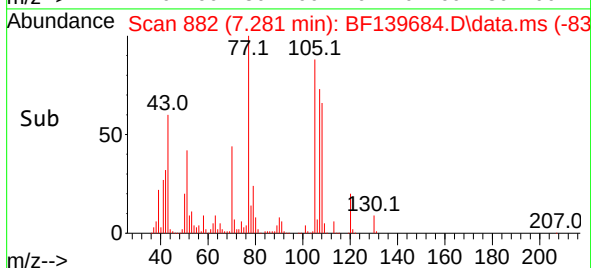
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

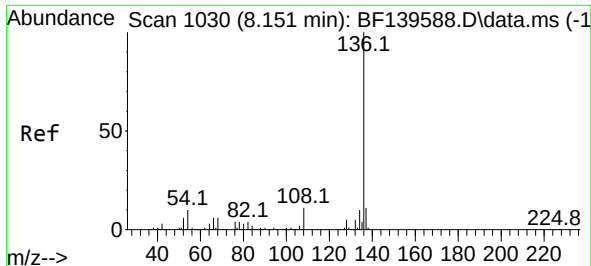


#20
3+4-Methylphenols
Concen: 49.387 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion:107 Resp: 301304
Ion Ratio Lower Upper
107 100
108 90.0 70.2 110.2
77 136.1 125.3 165.3
79 33.3 14.3 54.3





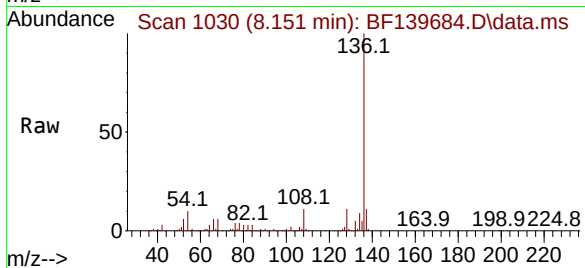
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS



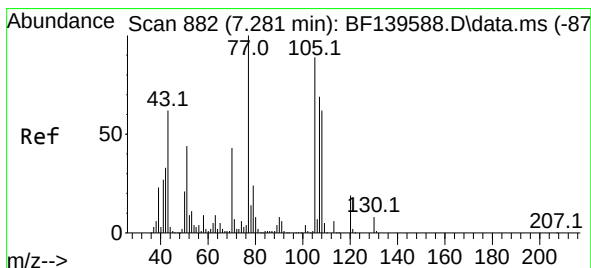
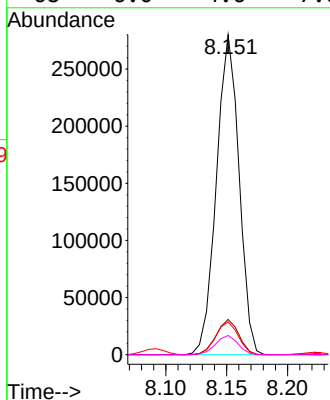
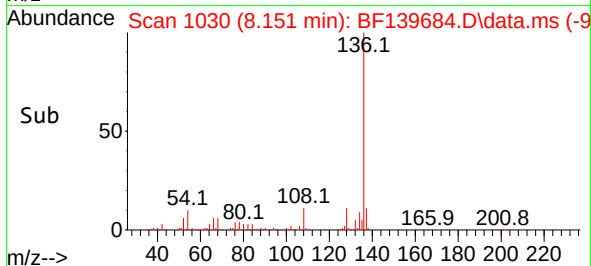
Tgt Ion:136 Resp: 362215
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.3 8.3 12.5
68 6.0 4.6 7.0

Manual Integrations

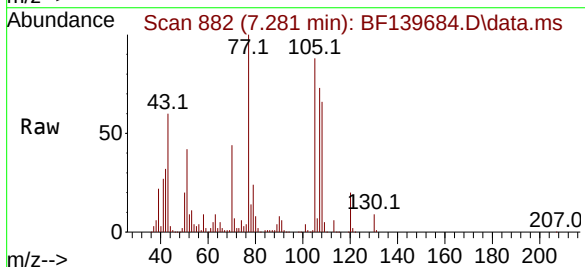
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

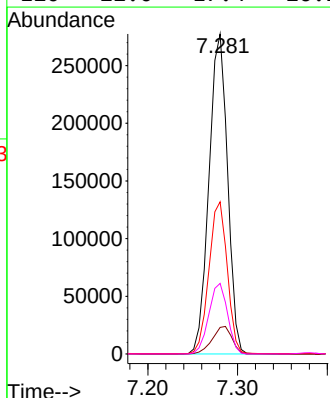
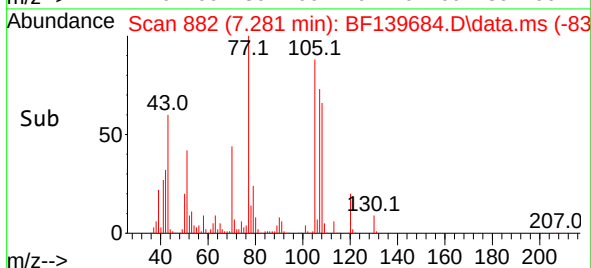
Supervised By :mohammad ahmed 10/09/2024

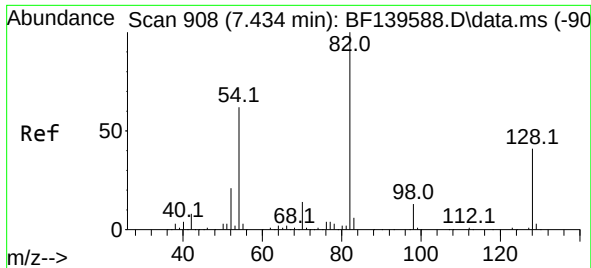


#22
Acetophenone
Concen: 46.306 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion:105 Resp: 398132
Ion Ratio Lower Upper
105 100
71 8.3 6.6 10.0
51 47.6 39.4 59.0
120 22.0 17.4 26.2





#23

Nitrobenzene-d5

Concen: 91.514 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

Tgt Ion: 82 Resp: 65470

Ion Ratio Lower Upper

82 100

128 41.0 32.4 48.6

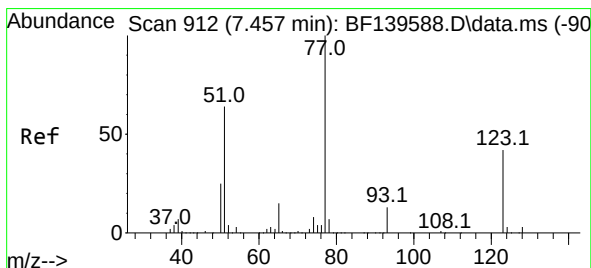
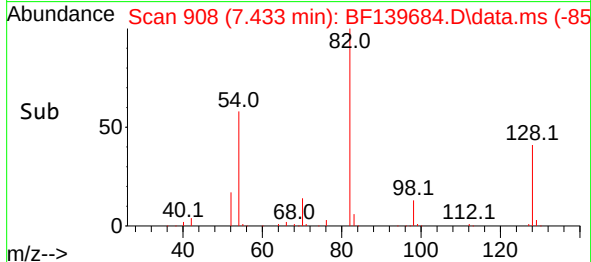
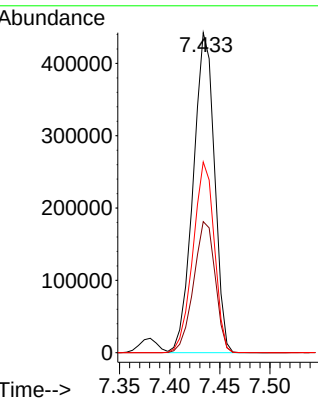
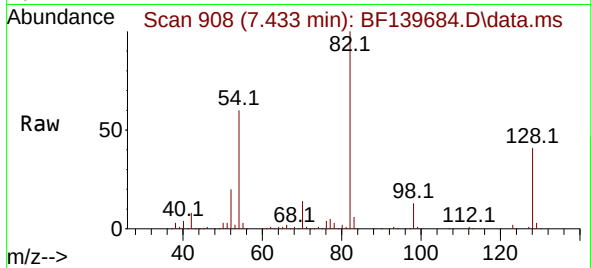
54 59.6 49.1 73.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#24

Nitrobenzene

Concen: 45.391 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

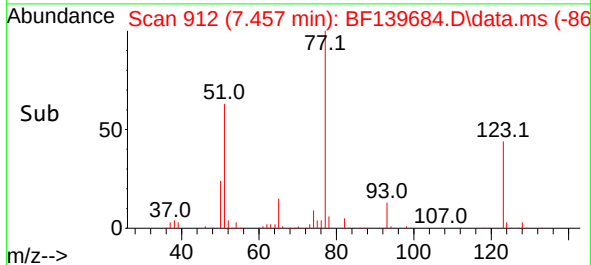
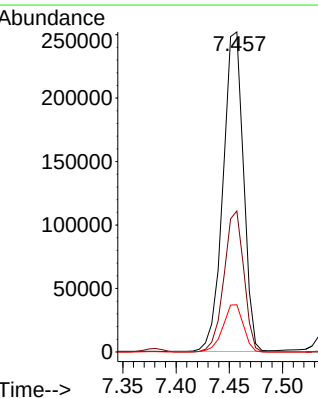
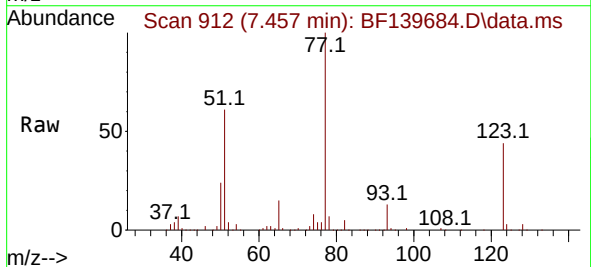
Tgt Ion: 77 Resp: 336258

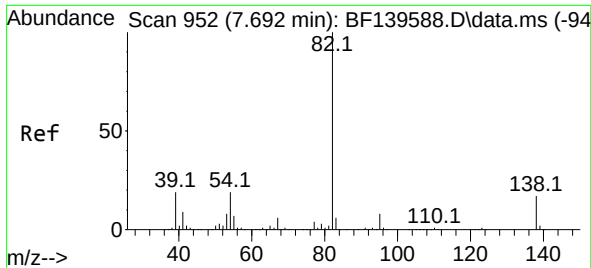
Ion Ratio Lower Upper

77 100

123 44.0 34.2 51.4

65 14.7 12.1 18.1





#25
Isophorone
Concen: 47.544 ng
RT: 7.692 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

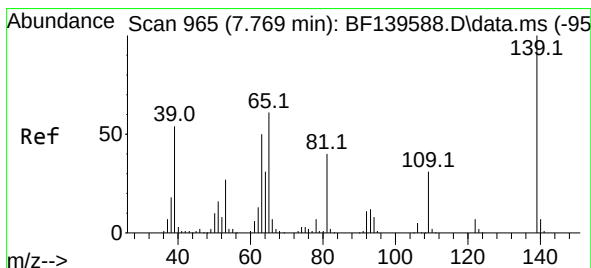
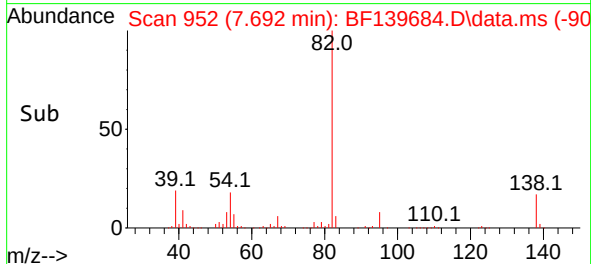
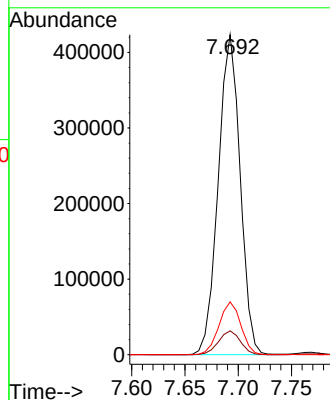
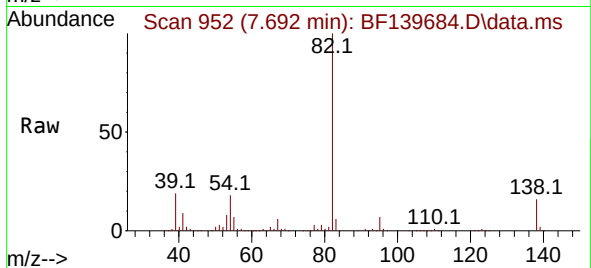
PB163870BS

Tgt Ion: 82 Resp: 604123
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.5 13.4 20.2

Manual Integrations

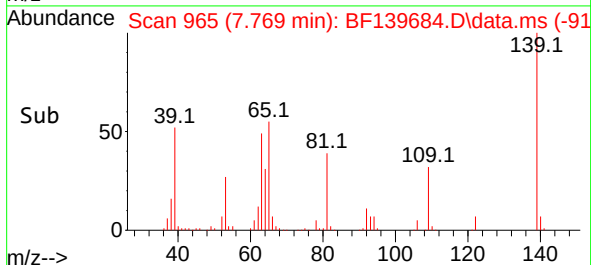
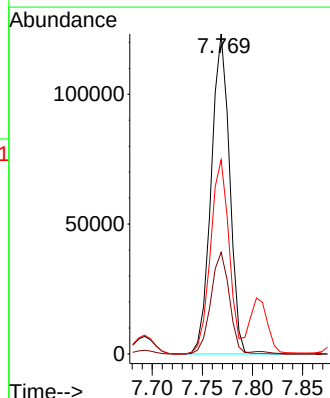
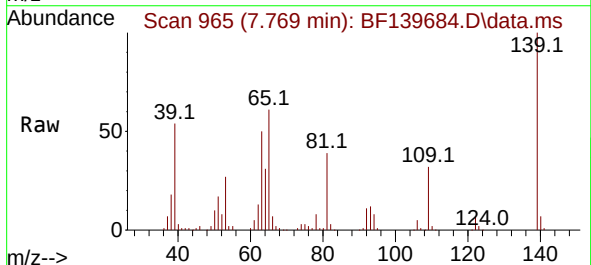
APPROVED

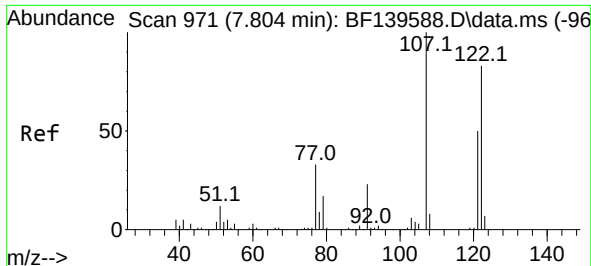
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#26
2-Nitrophenol
Concen: 49.291 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:139 Resp: 156979
Ion Ratio Lower Upper
139 100
109 31.7 24.9 37.3
65 60.7 48.6 72.8





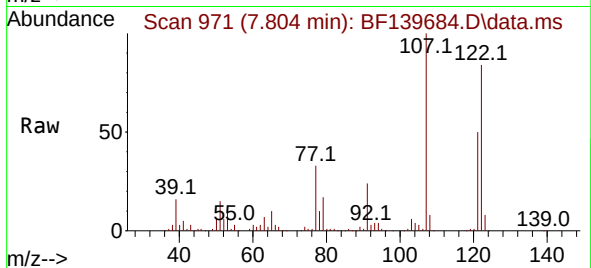
#27
2,4-Dimethylphenol
Concen: 59.140 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

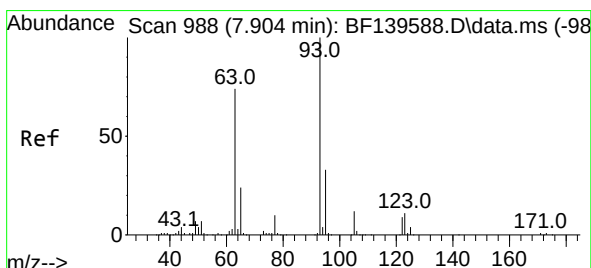
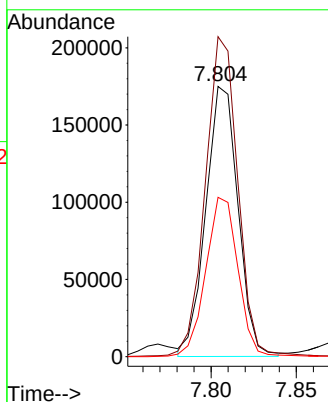
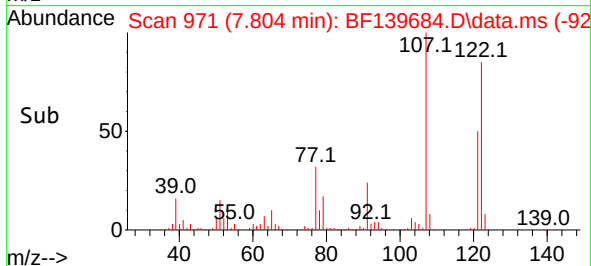
PB163870BS



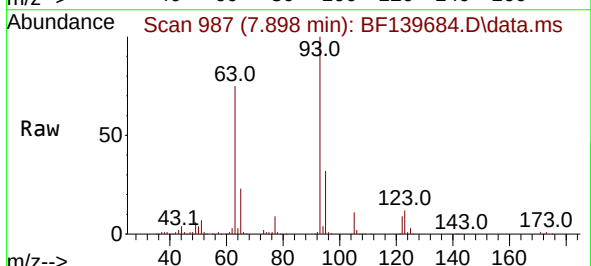
Tgt Ion:122 Resp: 23057
Ion Ratio Lower Upper
122 100
107 118.4 95.4 143.0
121 58.9 47.4 71.2

Manual Integrations
APPROVED

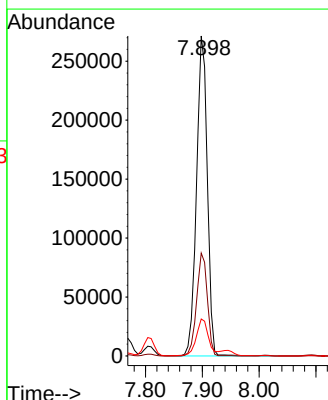
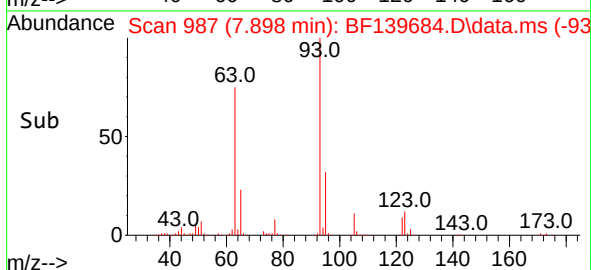
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

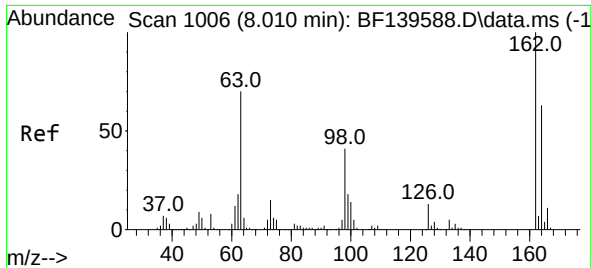


#28
bis(2-Chloroethoxy)methane
Concen: 47.413 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion: 93 Resp: 359753
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.6 9.4 14.0





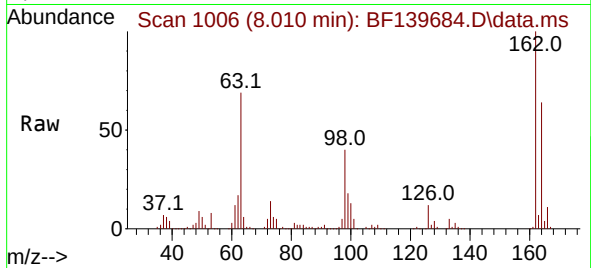
#29
2,4-Dichlorophenol
Concen: 50.011 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS



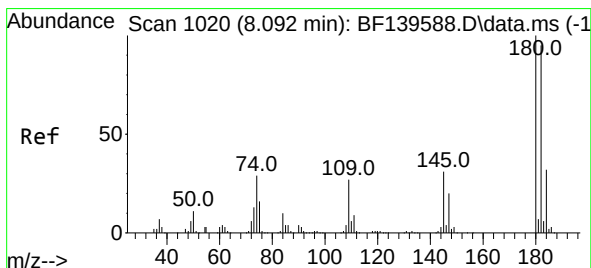
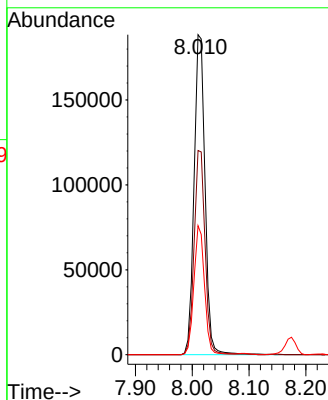
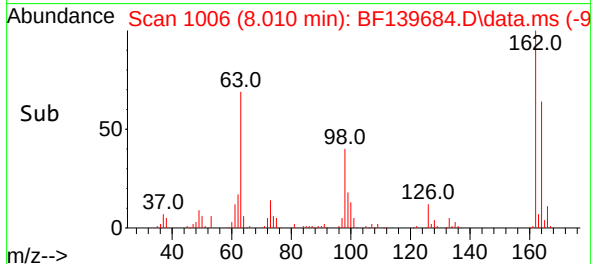
Tgt Ion:162 Resp: 25432
Ion Ratio Lower Upper
162 100
164 63.8 43.1 83.1
98 40.3 20.8 60.8

Manual Integrations

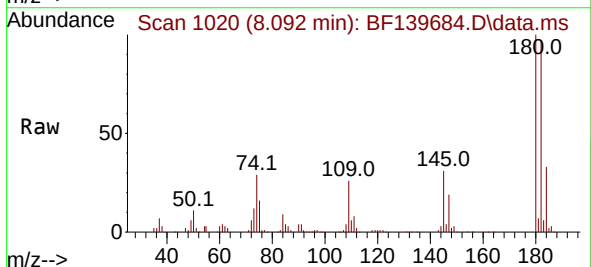
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

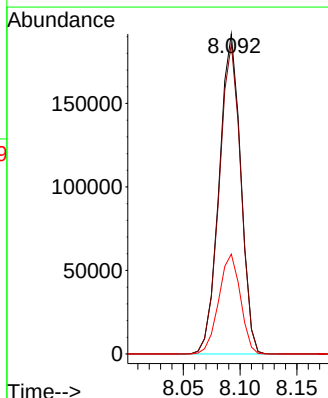
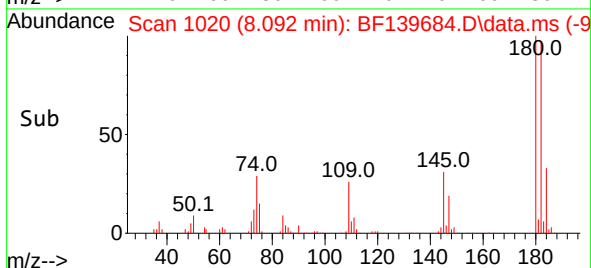
Supervised By :mohammad ahmed 10/09/2024

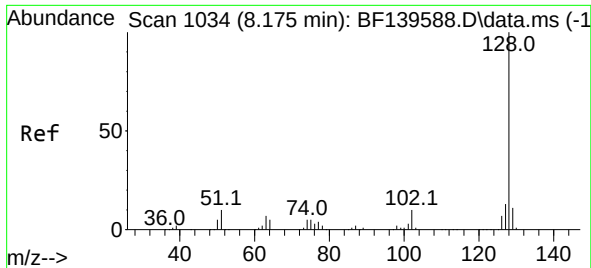


#30
1,2,4-Trichlorobenzene
Concen: 43.899 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion:180 Resp: 252460
Ion Ratio Lower Upper
180 100
182 97.0 76.0 114.0
145 31.2 25.0 37.6





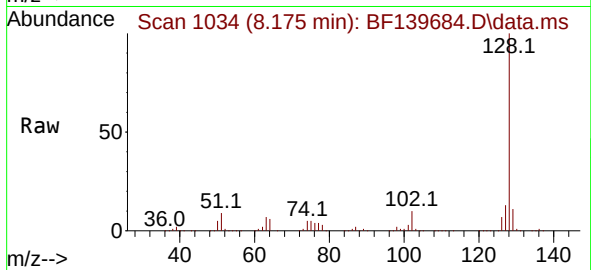
#31
Naphthalene
Concen: 46.402 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

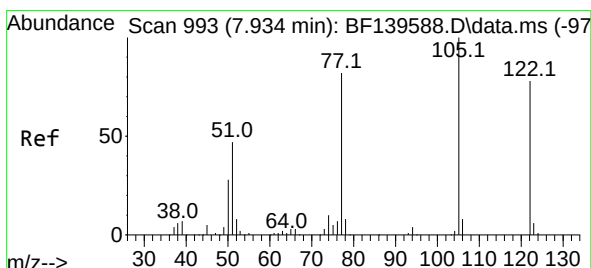
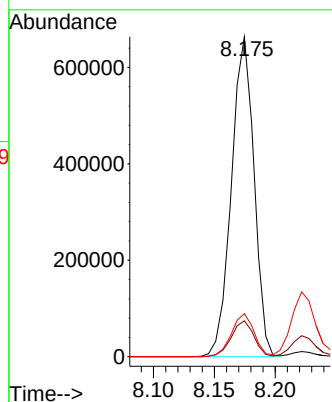
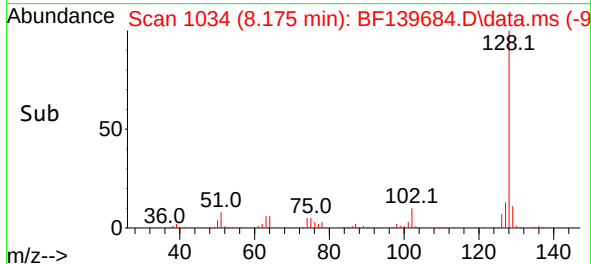


Tgt Ion:128 Resp: 85935
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.5 15.7

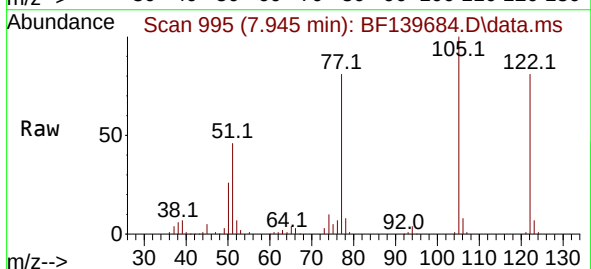
Manual Integrations

APPROVED

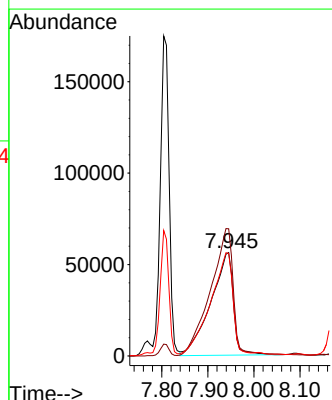
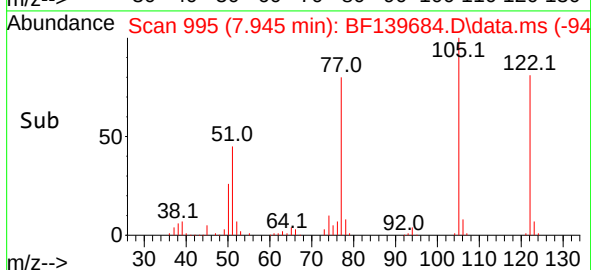
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

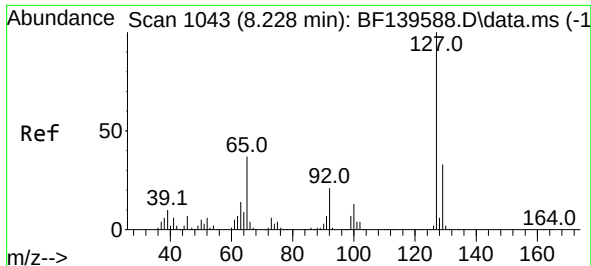


#32
Benzoic acid
Concen: 49.337 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion:122 Resp: 191266
Ion Ratio Lower Upper
122 100
105 123.0 104.9 144.9
77 99.3 82.7 122.7





#33
4-Chloroaniline
Concen: 33.330 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

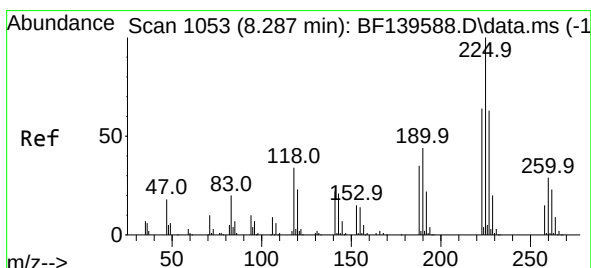
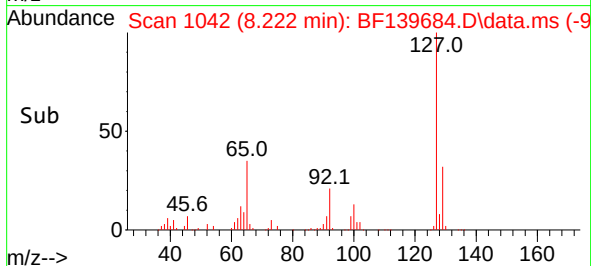
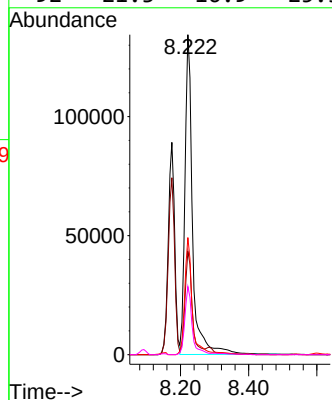
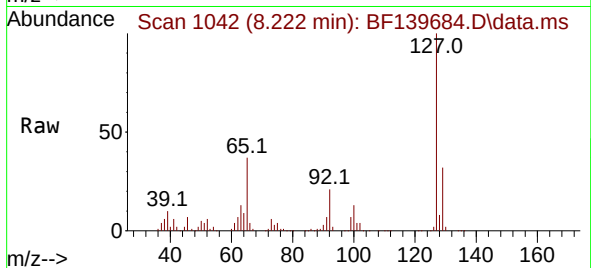
PB163870BS

Tgt Ion:127 Resp: 208940
Ion Ratio Lower Upper
127 100
129 32.3 26.2 39.4
65 36.6 29.3 43.9
92 21.3 16.9 25.3

Manual Integrations

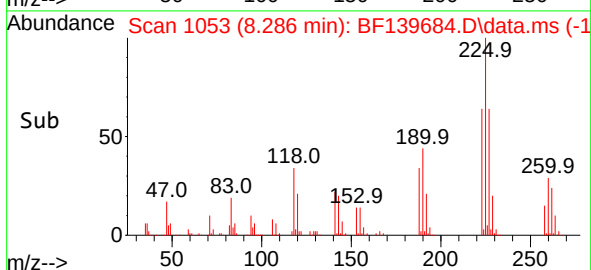
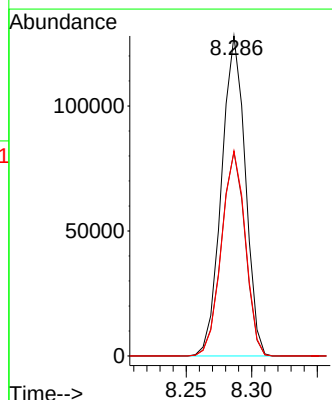
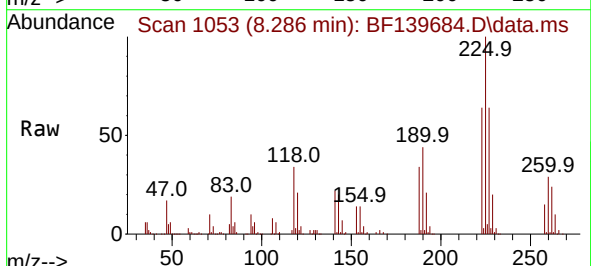
APPROVED

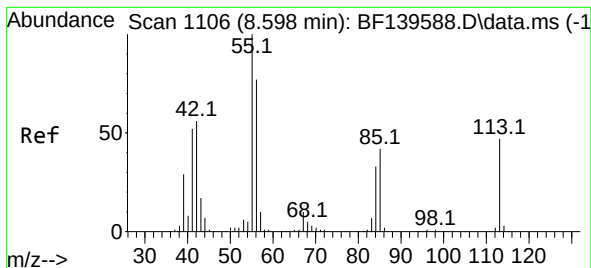
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#34
Hexachlorobutadiene
Concen: 43.321 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:225 Resp: 161228
Ion Ratio Lower Upper
225 100
223 63.8 50.9 76.3
227 64.0 50.7 76.1





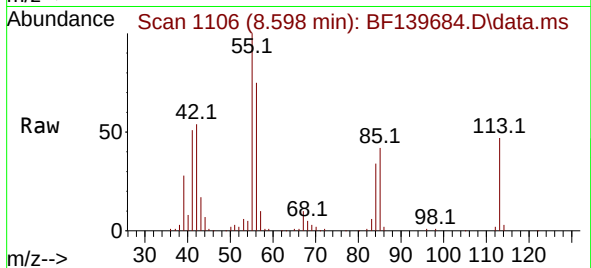
#35
Caprolactam
Concen: 53.312 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

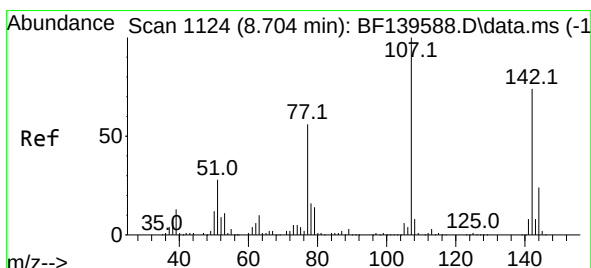
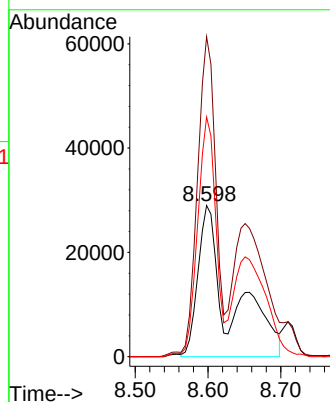
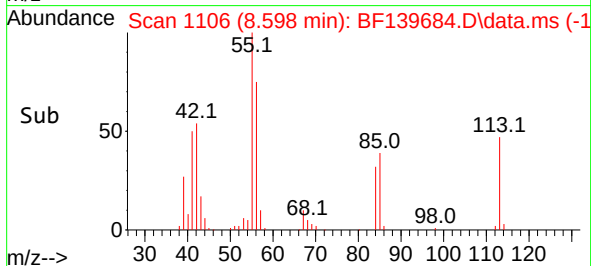


Tgt Ion:113 Resp: 88920
Ion Ratio Lower Upper
113 100
55 211.7 193.4 233.4
56 158.5 143.8 183.8

Manual Integrations

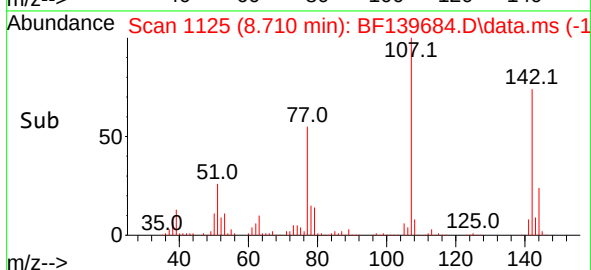
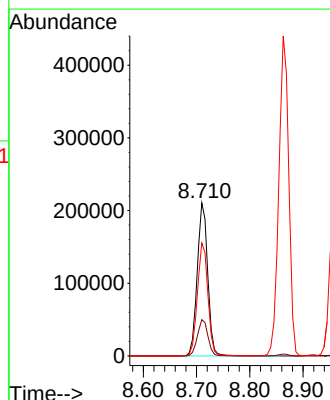
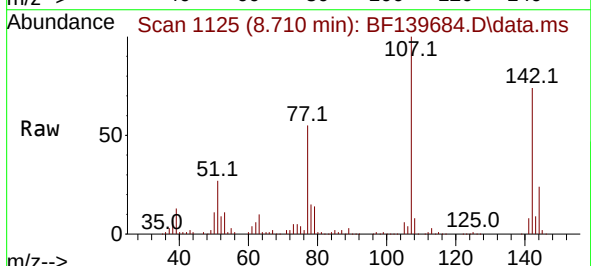
APPROVED

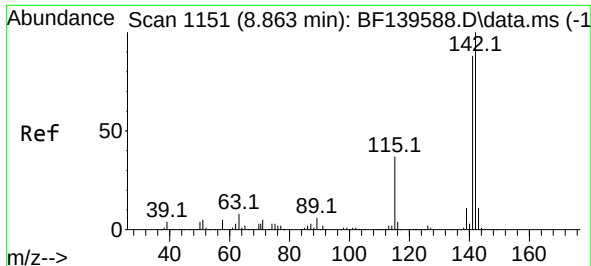
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#36
4-Chloro-3-methylphenol
Concen: 50.186 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:107 Resp: 288898
Ion Ratio Lower Upper
107 100
144 23.7 19.0 28.6
142 73.7 59.2 88.8





#37
2-Methylnaphthalene
Concen: 47.083 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

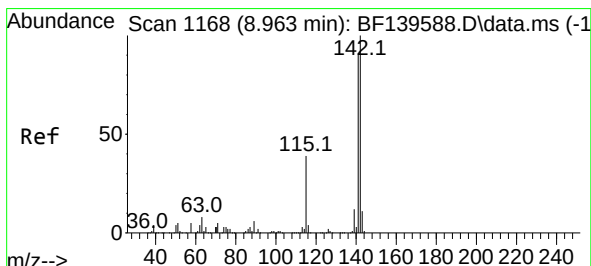
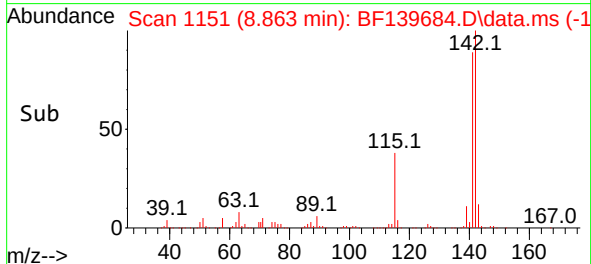
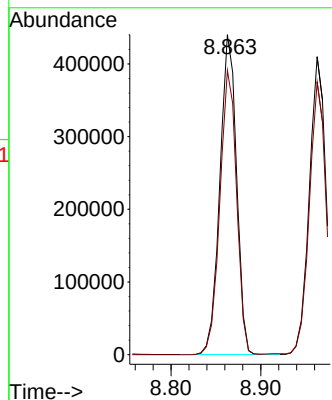
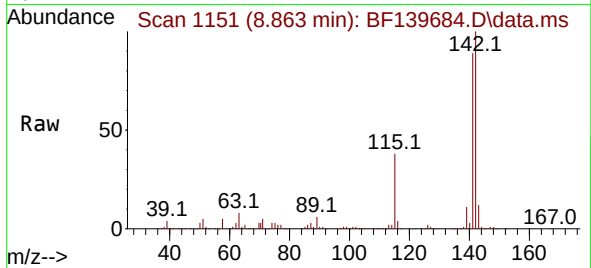
ClientSampleId :

PB163870BS

Tgt Ion:142 Resp: 567900
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6

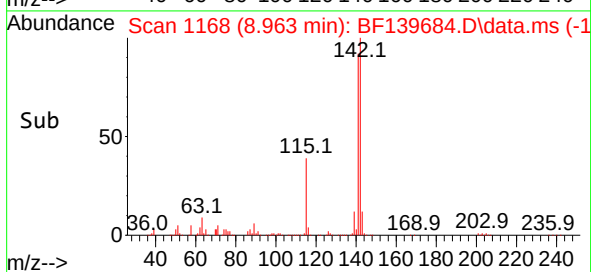
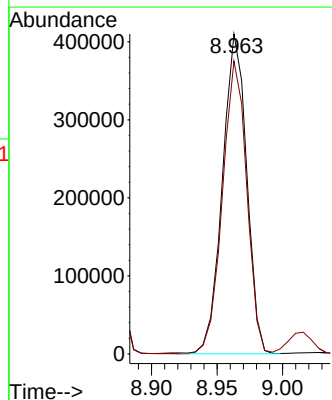
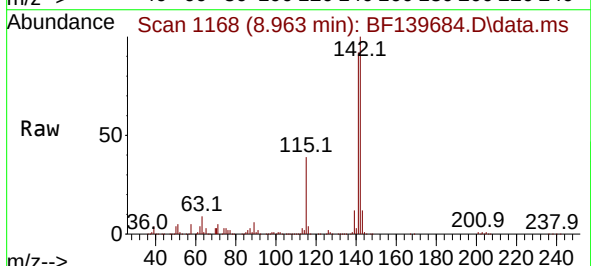
Manual Integrations
APPROVED

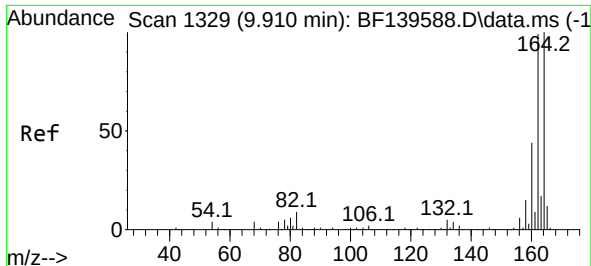
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#38
1-Methylnaphthalene
Concen: 44.633 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:142 Resp: 526217
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4





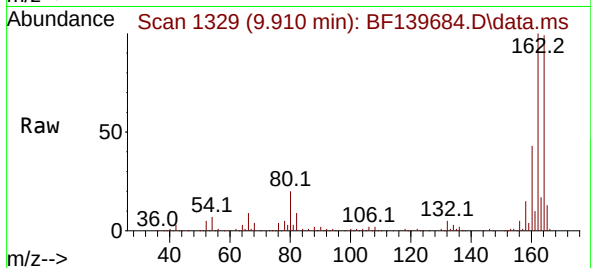
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

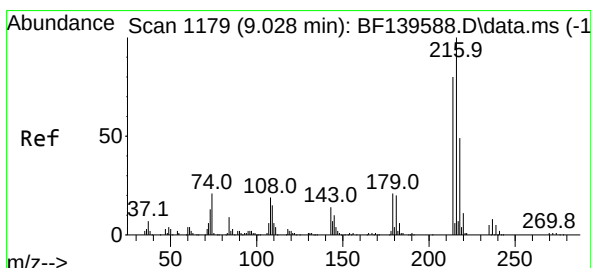
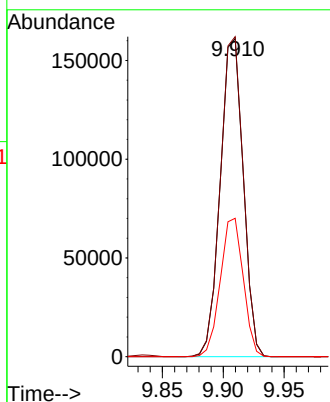
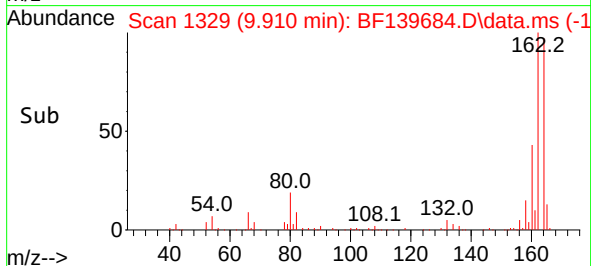


Tgt Ion:164 Resp: 211552
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.0
160 43.5 35.1 52.7

Manual Integrations

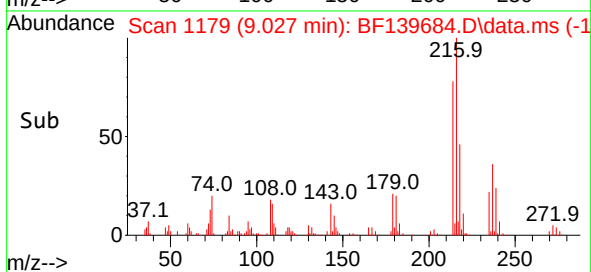
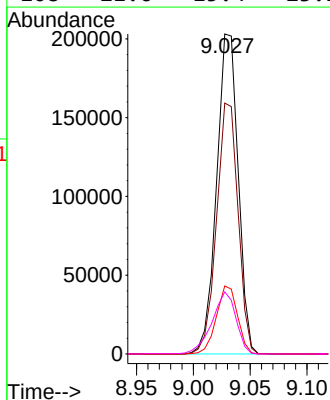
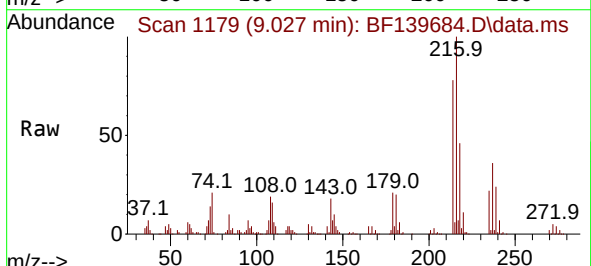
APPROVED

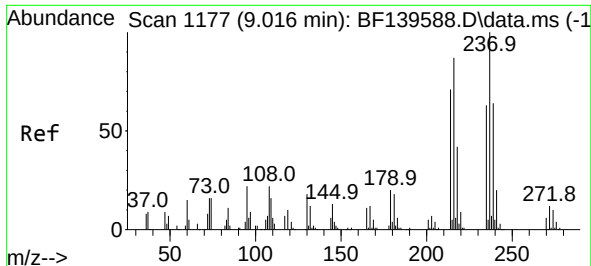
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.714 ng
RT: 9.027 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:216 Resp: 268549
Ion Ratio Lower Upper
216 100
214 78.0 63.7 95.5
179 20.8 16.9 25.3
108 21.6 15.4 23.2





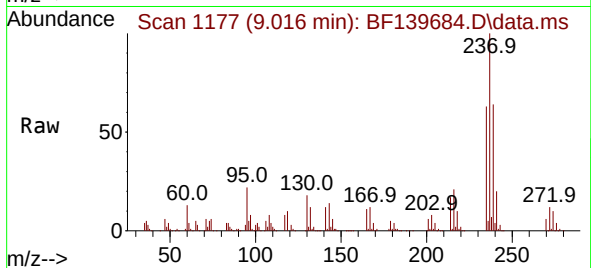
#41
Hexachlorocyclopentadiene
Concen: 169.661 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

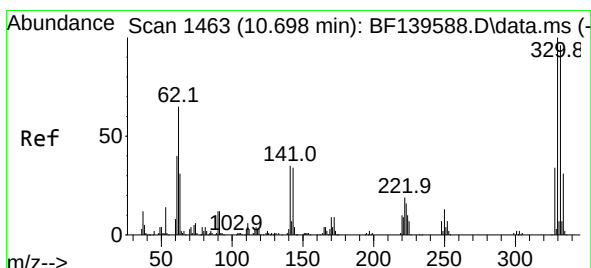
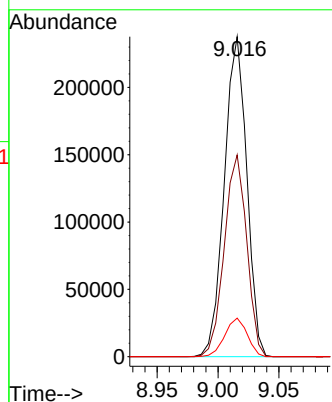
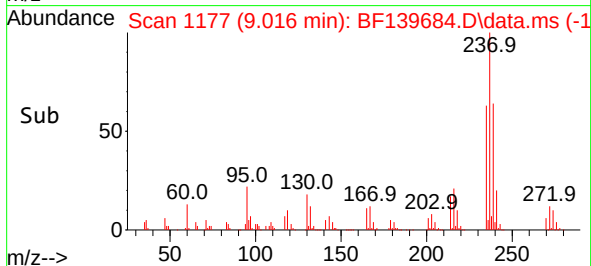


Tgt Ion:237 Resp: 305600
Ion Ratio Lower Upper
237 100
235 63.0 42.5 82.5
272 12.1 0.0 32.1

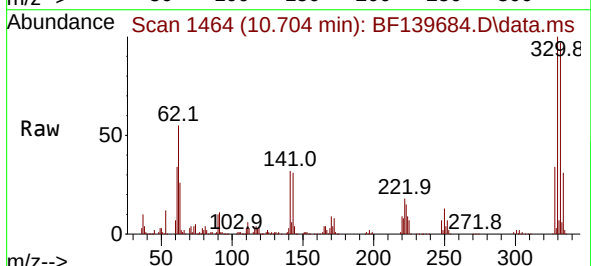
Manual Integrations

APPROVED

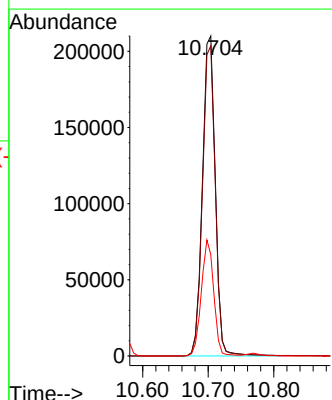
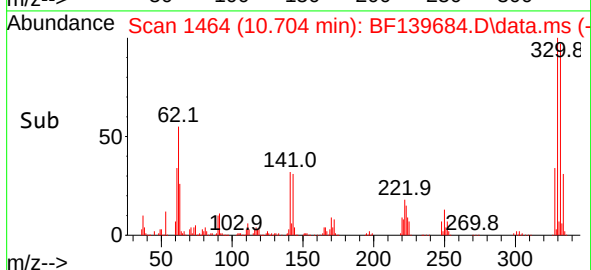
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

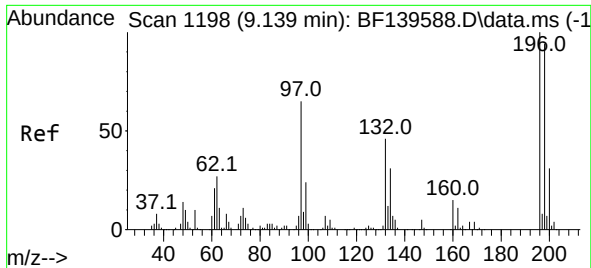


#42
2,4,6-Tribromophenol
Concen: 140.665 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion:330 Resp: 287264
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 35.1 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 47.885 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

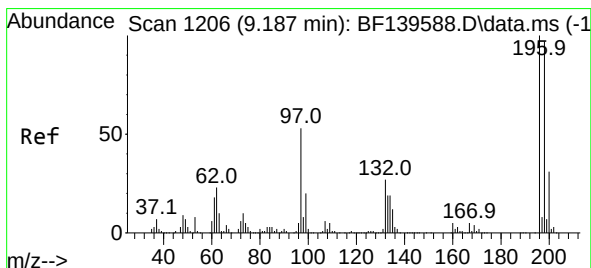
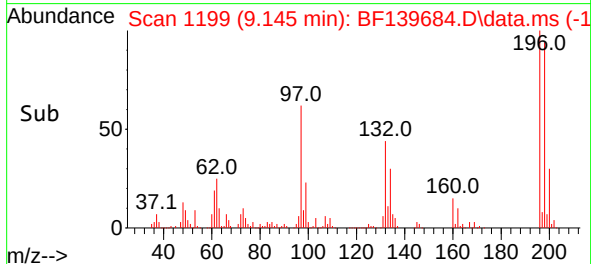
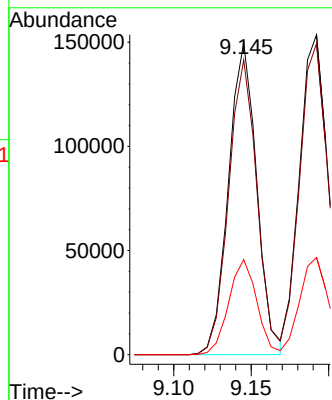
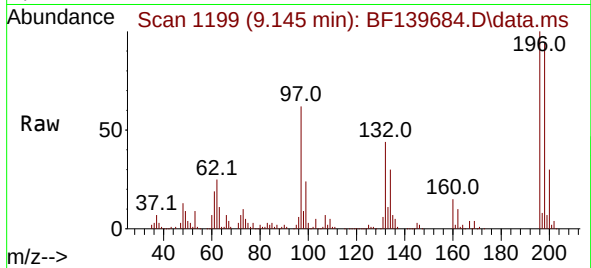
PB163870BS

Tgt Ion:196 Resp: 18963
Ion Ratio Lower Upper
196 100
198 94.4 75.2 112.8
200 30.5 24.6 37.0

Manual Integrations

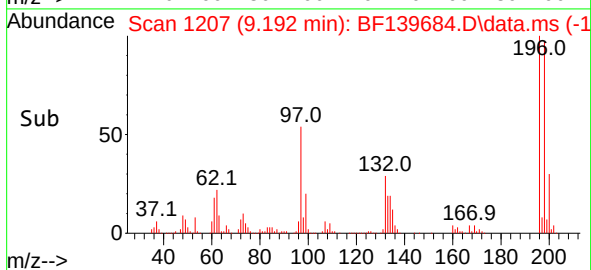
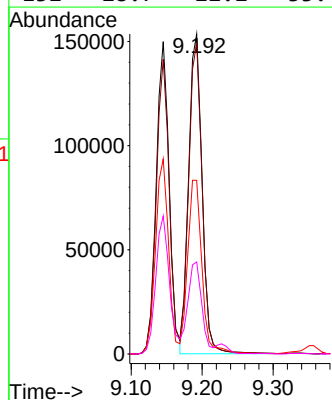
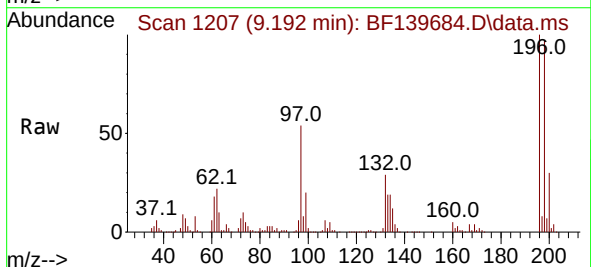
APPROVED

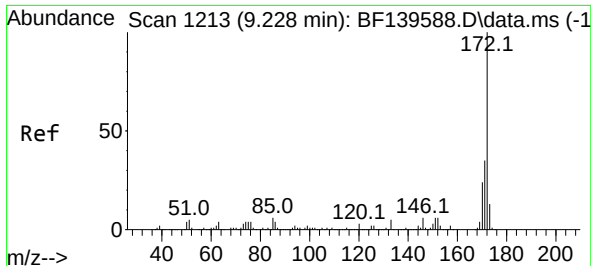
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#44
2,4,5-Trichlorophenol
Concen: 47.310 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:196 Resp: 202047
Ion Ratio Lower Upper
196 100
198 97.2 77.5 116.3
97 54.3 43.1 64.7
132 28.7 22.2 33.4





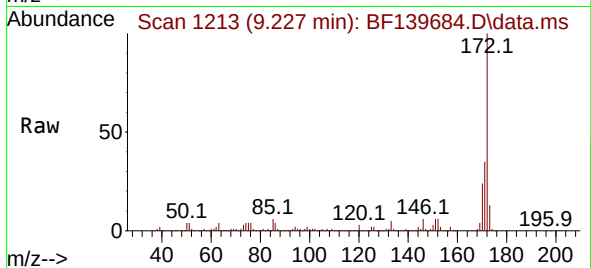
#45
2-Fluorobiphenyl
Concen: 88.350 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS



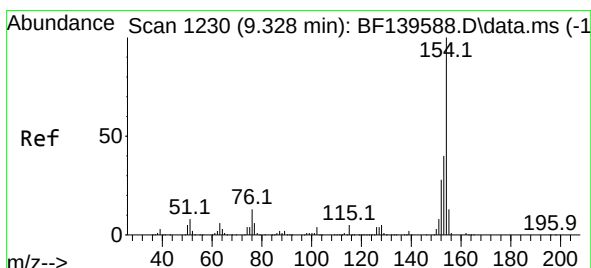
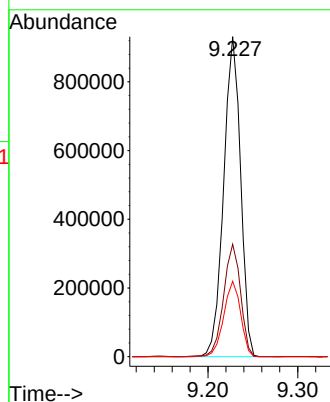
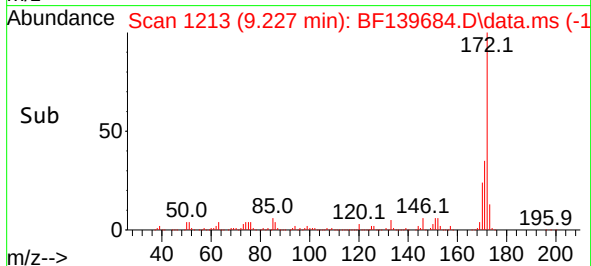
Tgt Ion:172 Resp: 1217480
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.5 18.8 28.2

Manual Integrations

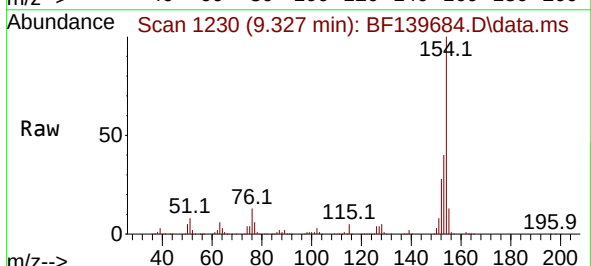
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

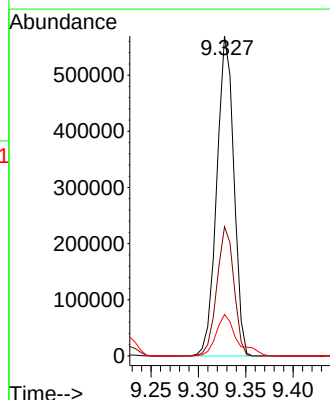
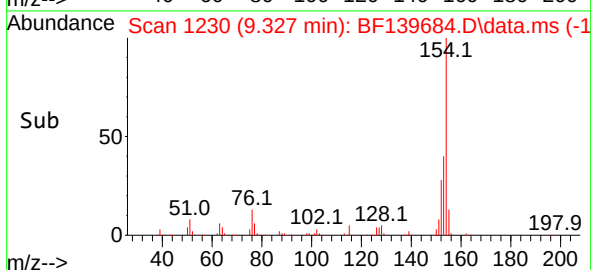
Supervised By :mohammad ahmed 10/09/2024

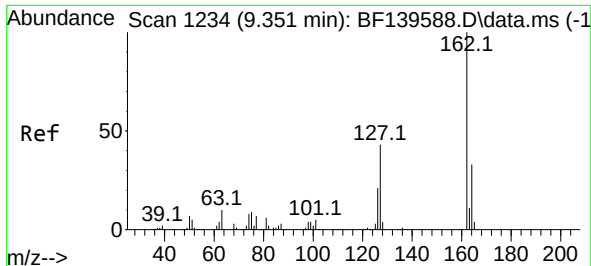


#46
1,1'-Biphenyl
Concen: 45.550 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion:154 Resp: 716705
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 12.9 0.0 32.6





#47

2-Chloronaphthalene

Concen: 45.228 ng

RT: 9.357 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

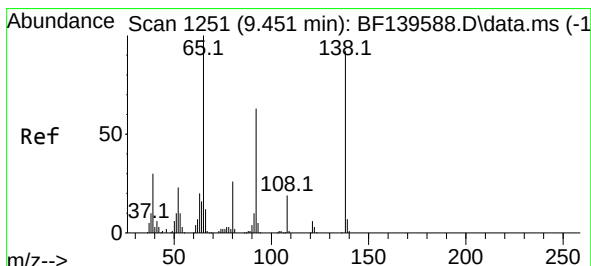
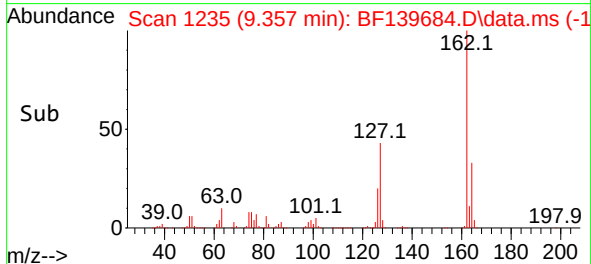
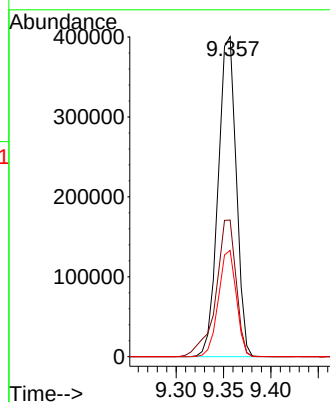
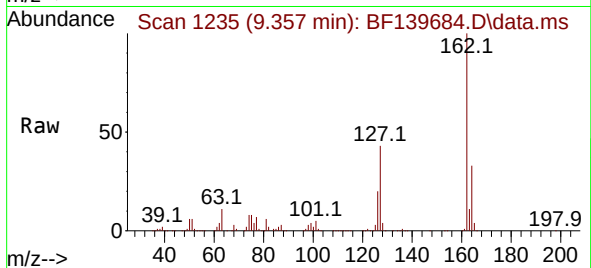
Tgt Ion:162 Resp: 53350
 Ion Ratio Lower Upper
 162 100
 127 42.7 35.0 52.4
 164 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#48

2-Nitroaniline

Concen: 50.164 ng

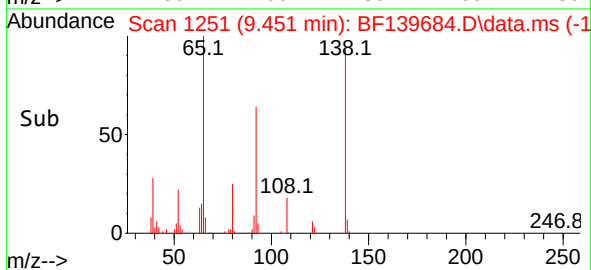
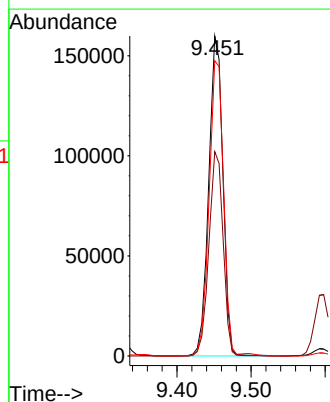
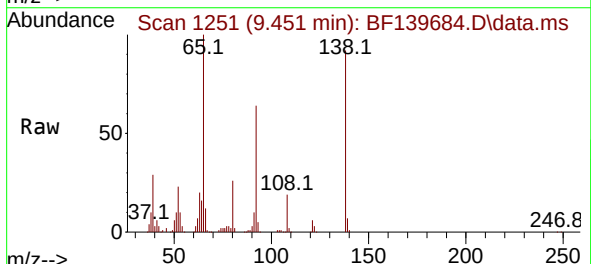
RT: 9.451 min Scan# 1251

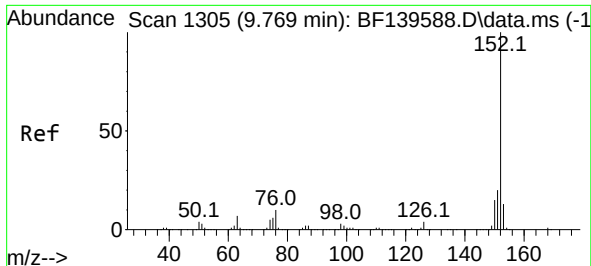
Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Tgt Ion: 65 Resp: 212412
 Ion Ratio Lower Upper
 65 100
 92 63.8 50.0 75.0
 138 92.3 73.8 110.8





#49

Acenaphthylene

Concen: 50.720 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139684.D

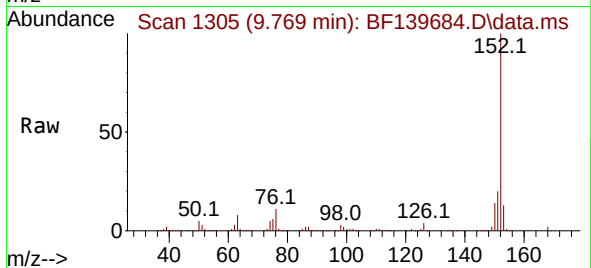
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS



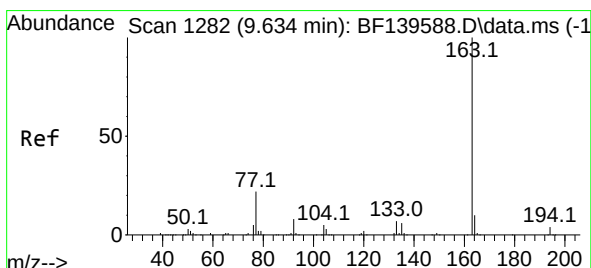
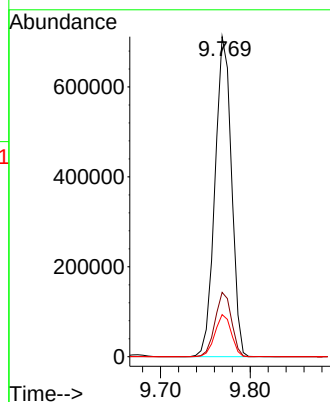
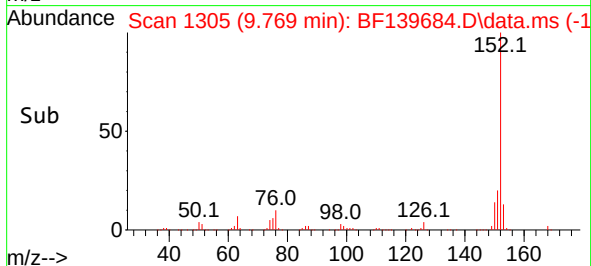
Tgt Ion:152	Resp: 909850
Ion Ratio	Lower Upper
152	100
151	20.1 16.0 24.0
153	13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#50

Dimethylphthalate

Concen: 48.771 ng

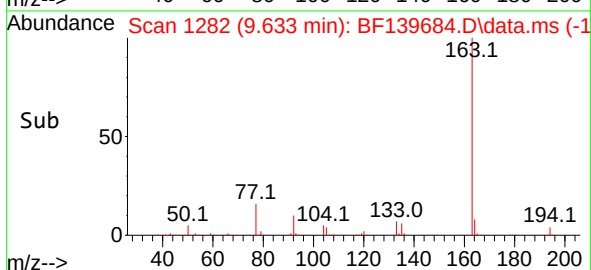
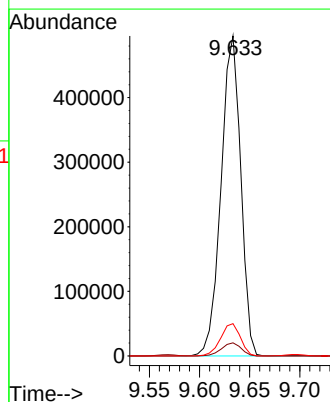
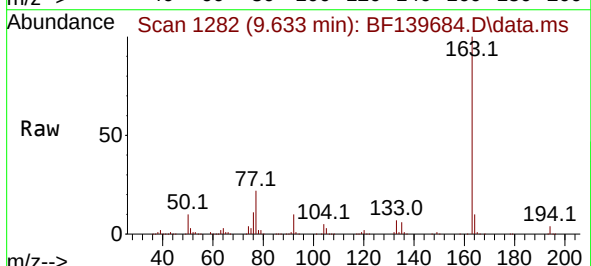
RT: 9.633 min Scan# 1282

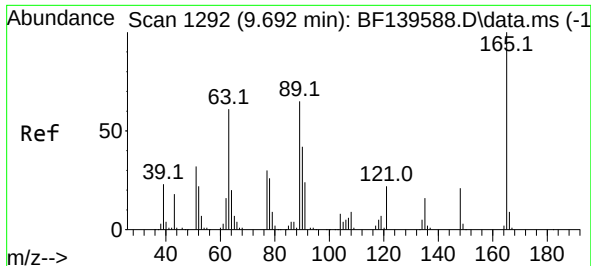
Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Tgt Ion:163	Resp: 675403
Ion Ratio	Lower Upper
163	100
194	4.1 3.4 5.0
164	10.1 8.1 12.1





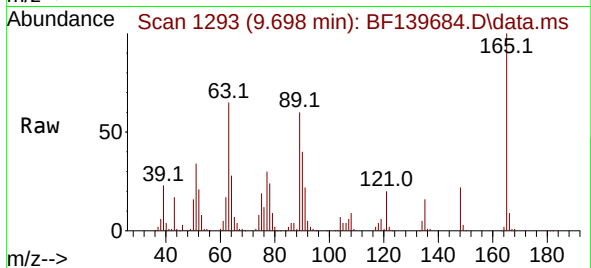
#51
2,6-Dinitrotoluene
Concen: 47.690 ng
RT: 9.698 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS



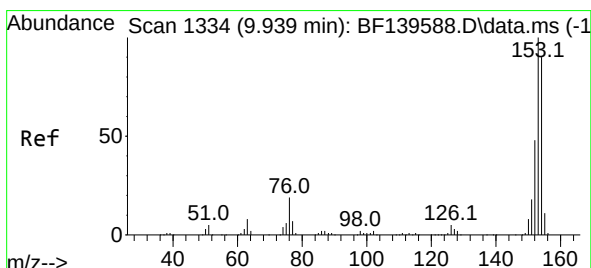
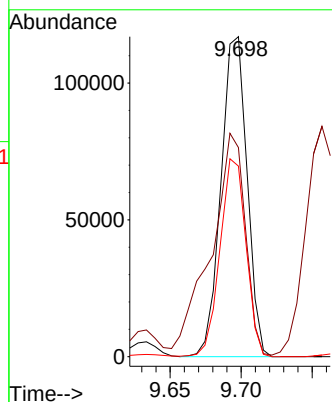
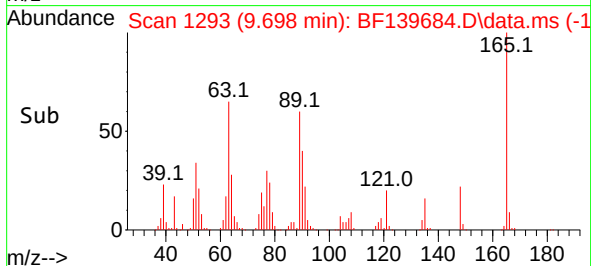
Tgt Ion:165 Resp: 149188
Ion Ratio Lower Upper
165 100
63 65.4 56.7 85.1
89 59.6 51.6 77.4

Manual Integrations

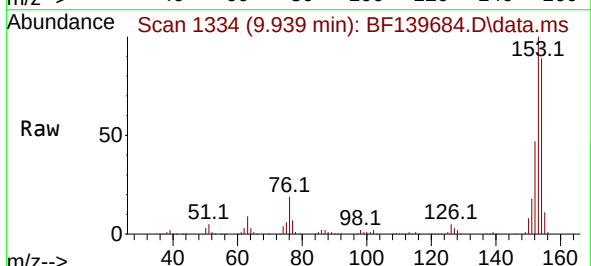
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

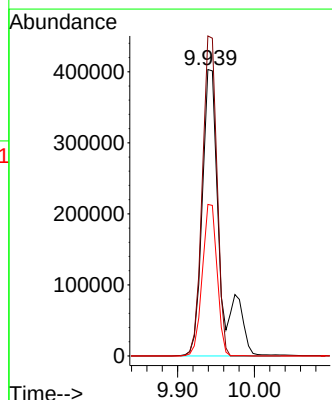
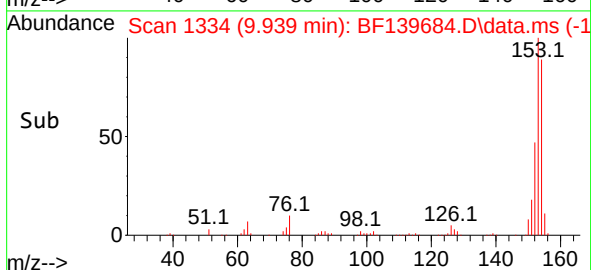
Supervised By :mohammad ahmed 10/09/2024

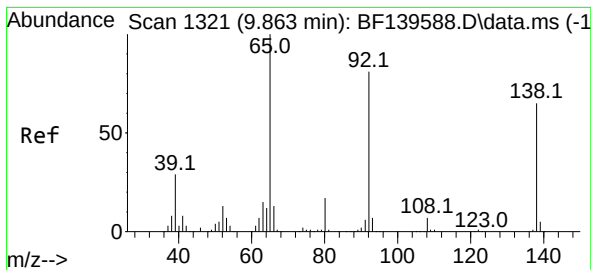


#52
Acenaphthene
Concen: 53.006 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion:154 Resp: 652761
Ion Ratio Lower Upper
154 100
153 111.8 88.8 133.2
152 52.9 42.5 63.7





#53
3-Nitroaniline
Concen: 41.323 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

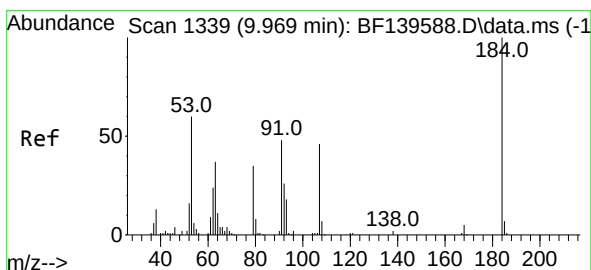
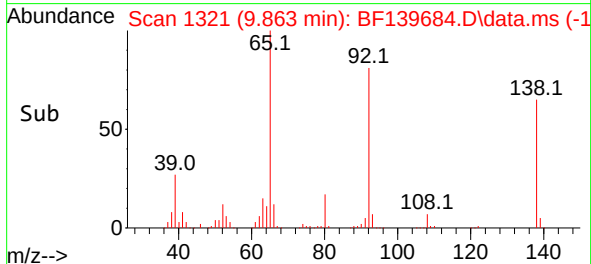
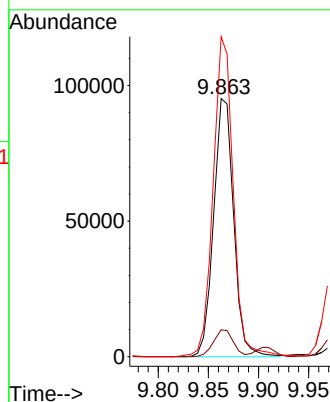
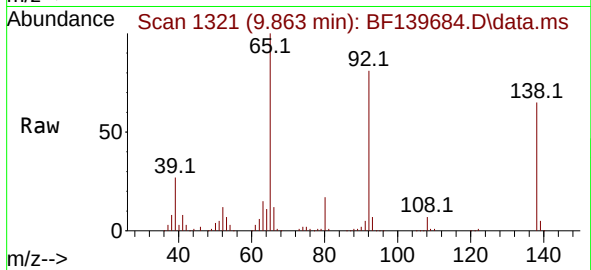
PB163870BS

Tgt Ion:138 Resp: 132104
Ion Ratio Lower Upper
138 100
108 10.4 8.8 13.2
92 124.0 100.0 150.0

Manual Integrations

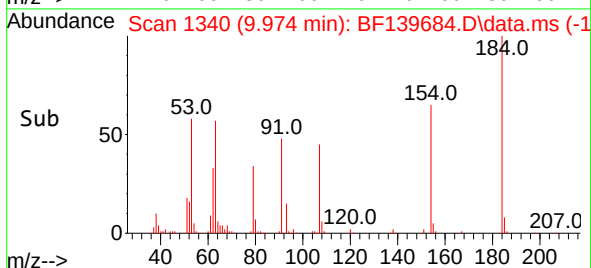
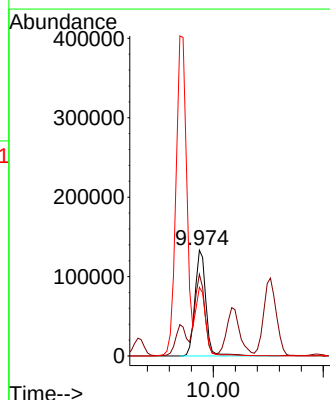
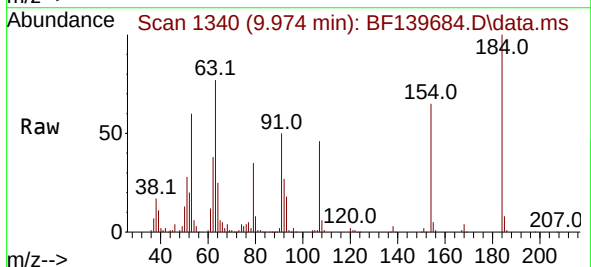
APPROVED

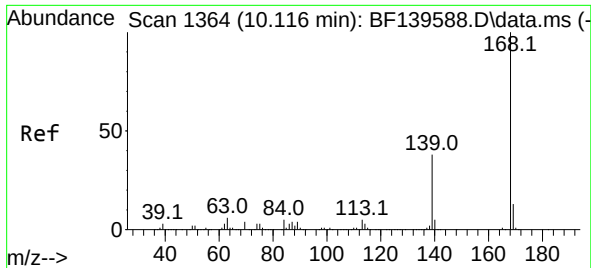
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#54
2,4-Dinitrophenol
Concen: 110.053 ng
RT: 9.974 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:184 Resp: 185175
Ion Ratio Lower Upper
184 100
63 77.2 61.7 92.5
154 64.9 53.0 79.4





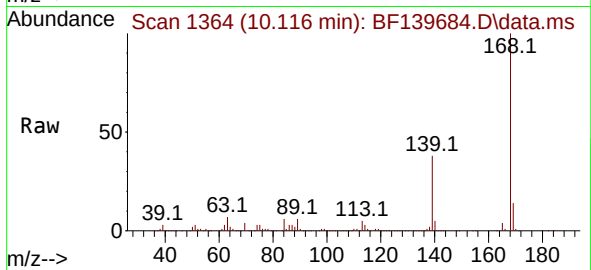
#55
Dibenzenofuran
Concen: 48.058 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

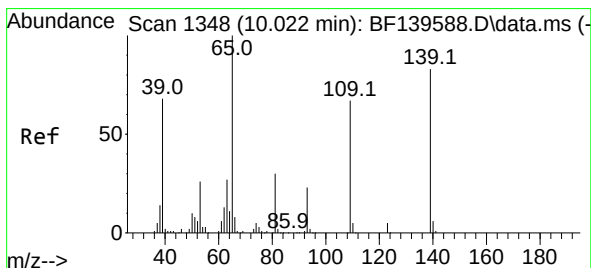
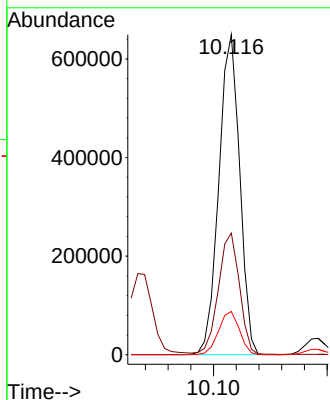
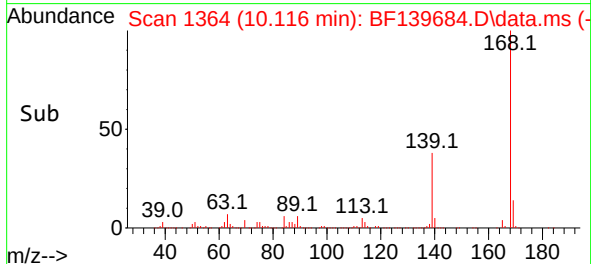


Tgt Ion:168 Resp: 82864
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.5 10.7 16.1

Manual Integrations

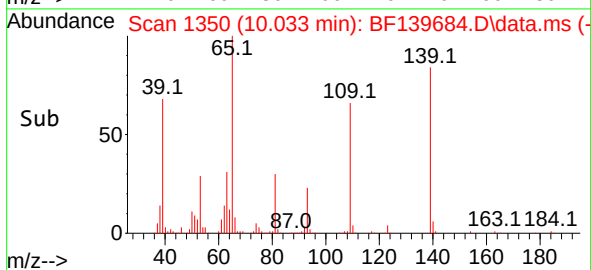
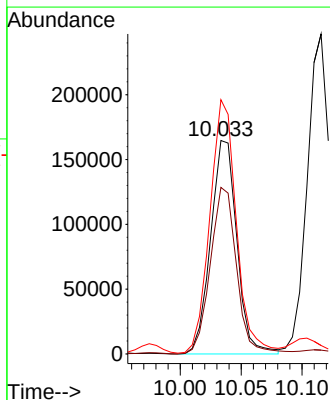
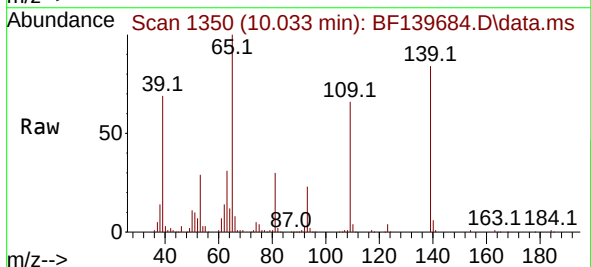
APPROVED

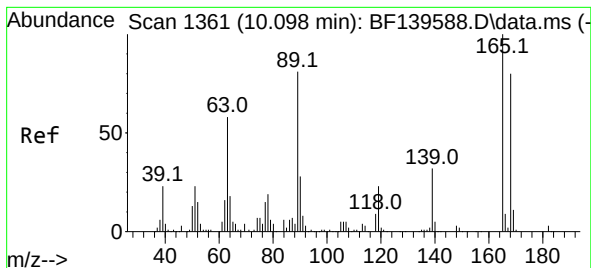
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#56
4-Nitrophenol
Concen: 101.511 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:139 Resp: 247471
Ion Ratio Lower Upper
139 100
109 78.0 60.3 100.3
65 119.1 100.8 140.8





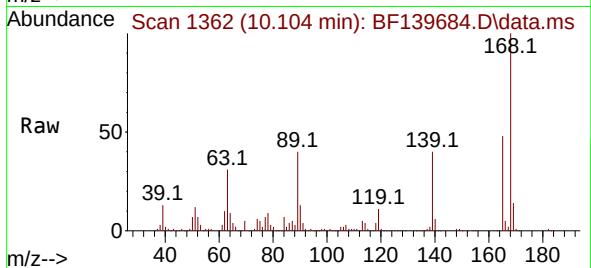
#57
2,4-Dinitrotoluene
Concen: 50.404 ng
RT: 10.104 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

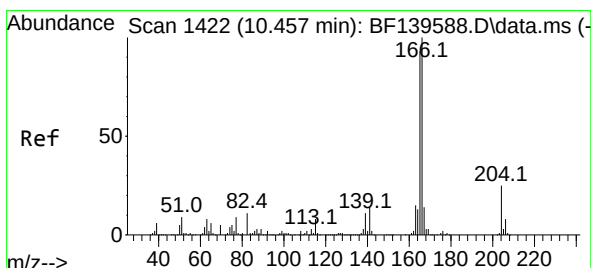
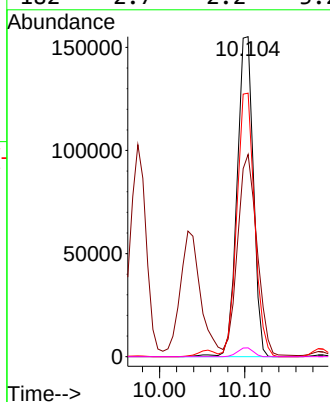
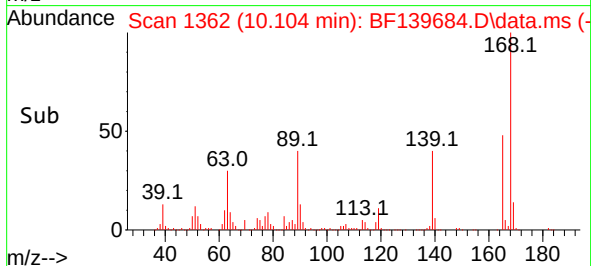


Tgt Ion:165 Resp: 206100
Ion Ratio Lower Upper
165 100
63 63.2 46.9 70.3
89 82.4 64.4 96.6
182 2.7 2.2 3.2

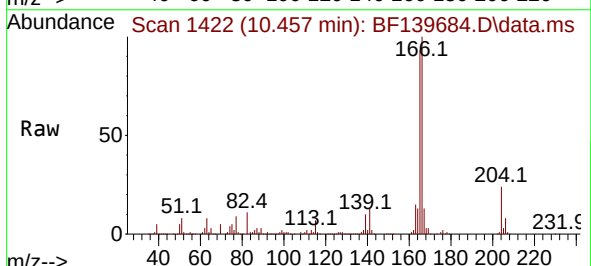
Manual Integrations

APPROVED

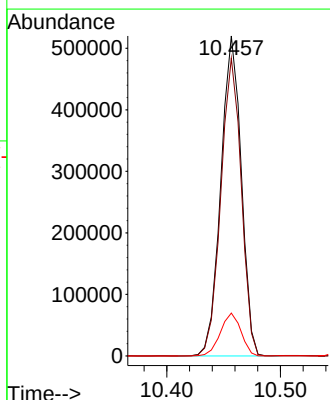
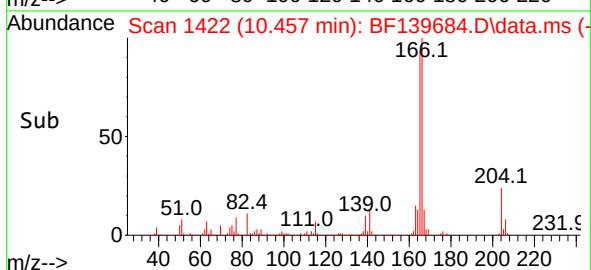
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

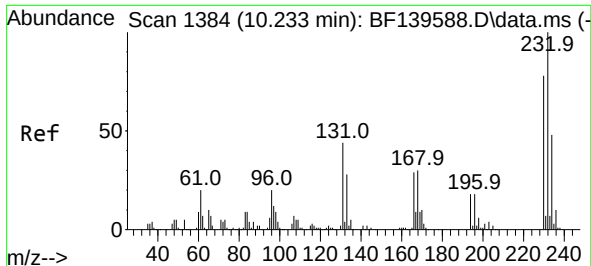


#58
Fluorene
Concen: 47.402 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



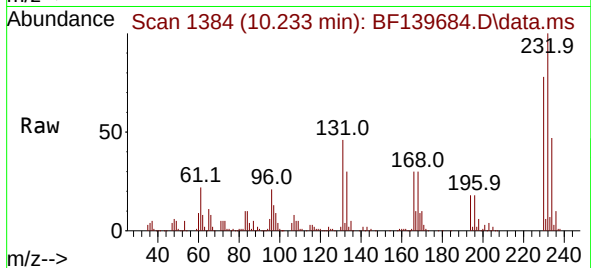
Tgt Ion:166 Resp: 650992
Ion Ratio Lower Upper
166 100
165 93.1 74.4 111.6
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.156 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

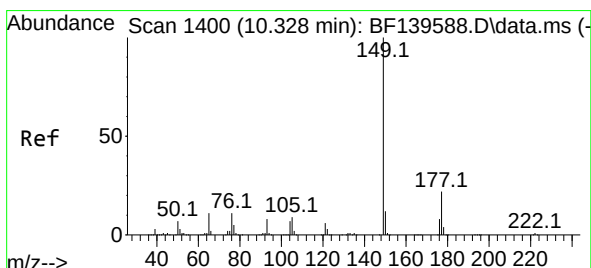
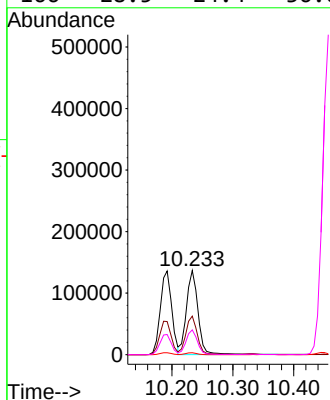
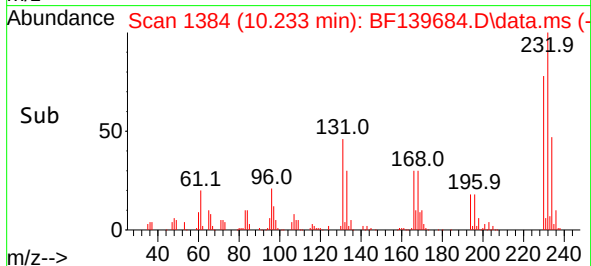
Instrument :
BNA_F
ClientSampleId :
PB163870BS



Tgt Ion:232 Resp: 17990
Ion Ratio Lower Upper
232 100
131 45.5 37.8 56.6
130 2.3 1.9 2.9
166 28.5 24.4 36.6

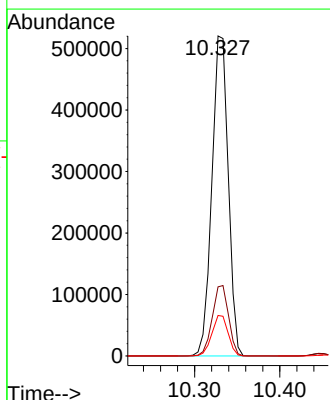
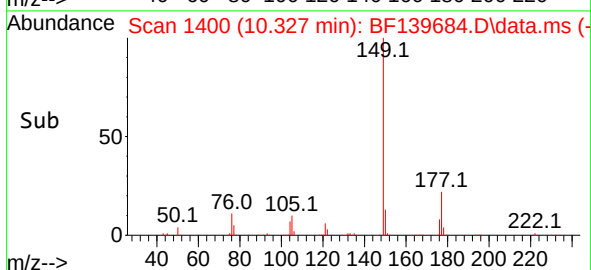
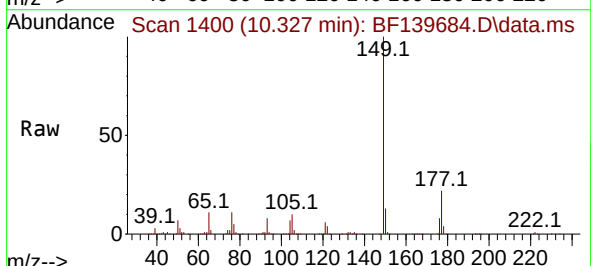
Manual Integrations
APPROVED

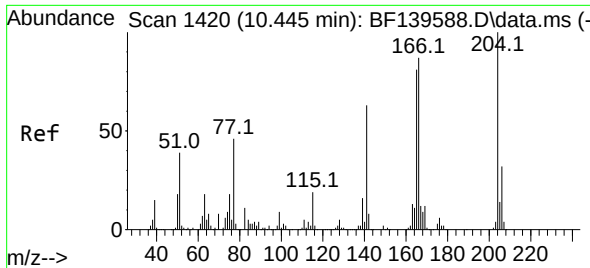
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#60
Diethylphthalate
Concen: 48.654 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:149 Resp: 695935
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.084 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

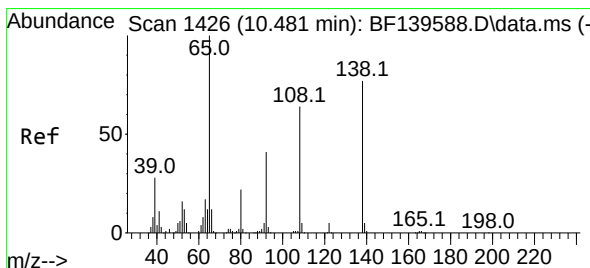
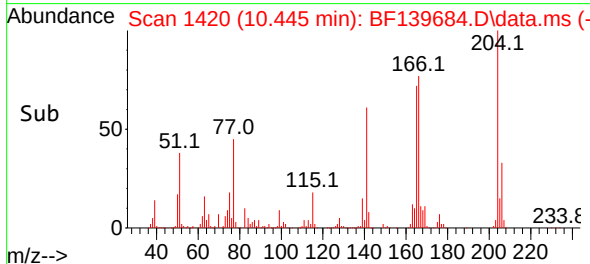
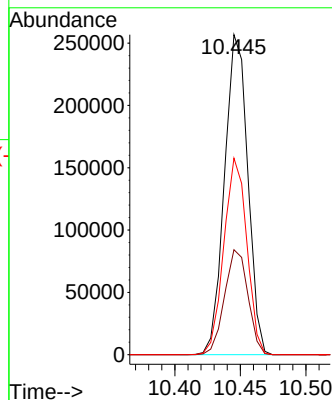
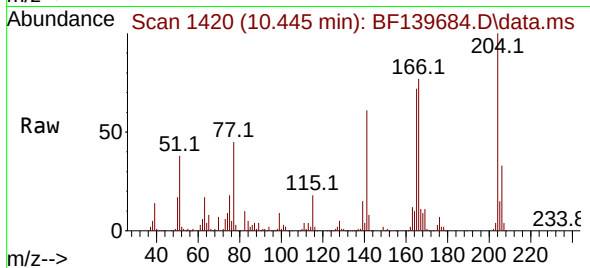
ClientSampleId :

PB163870BS

Tgt Ion:204 Resp: 31662
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 61.4 50.5 75.7

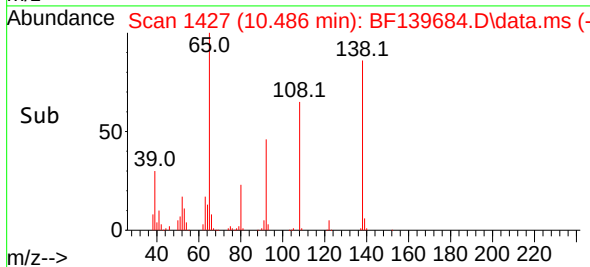
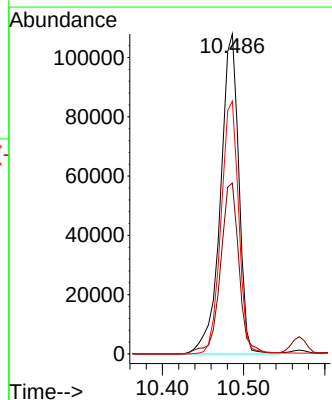
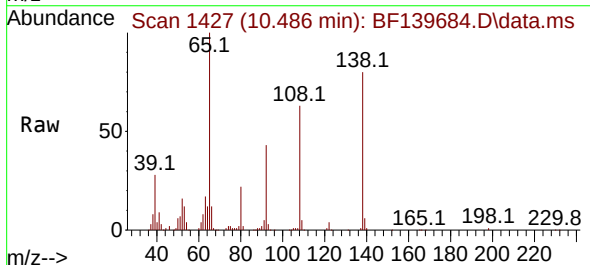
Manual Integrations
APPROVED

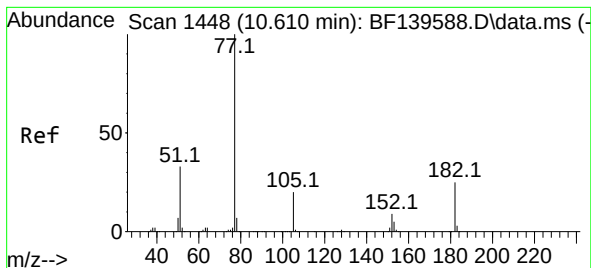
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#62
4-Nitroaniline
Concen: 51.832 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:138 Resp: 169491
Ion Ratio Lower Upper
138 100
92 53.4 33.3 73.3
108 79.0 62.1 102.1





#63

Azobenzene

Concen: 48.596 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139684.D

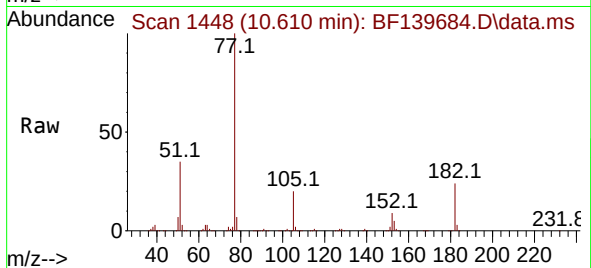
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS



Tgt Ion: 77 Resp: 69904

Ion Ratio Lower Upper

77 100

182 24.4 4.2 44.2

105 20.0 0.0 39.6

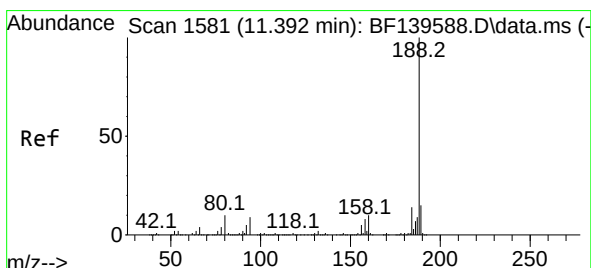
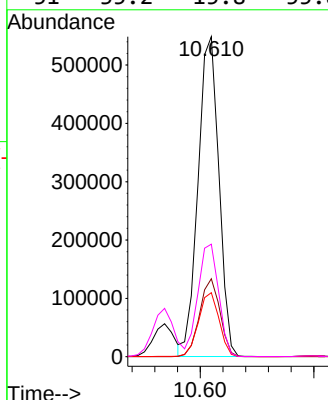
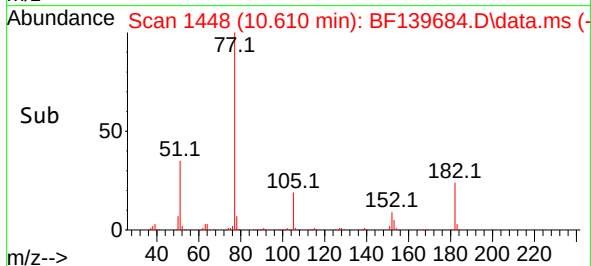
51 35.2 15.8 55.8

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: BF139684.D

Acq: 07 Oct 2024 14:06

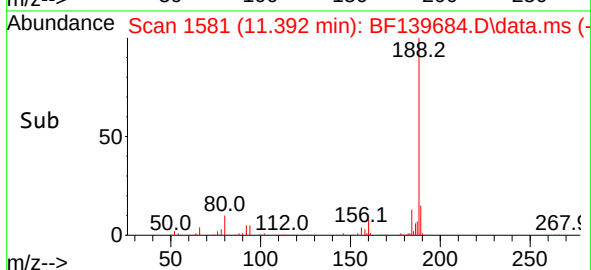
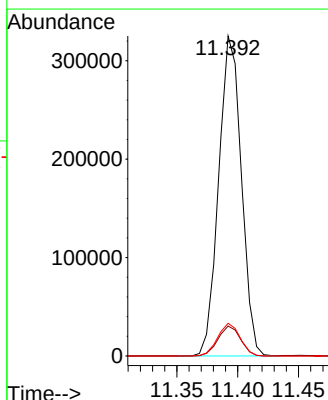
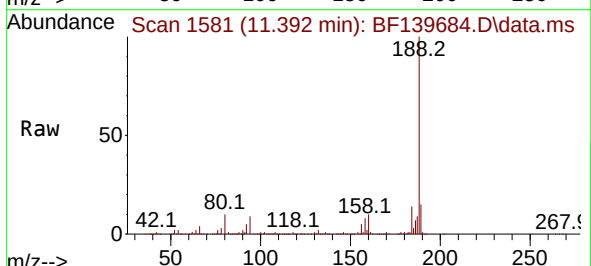
Tgt Ion:188 Resp: 422078

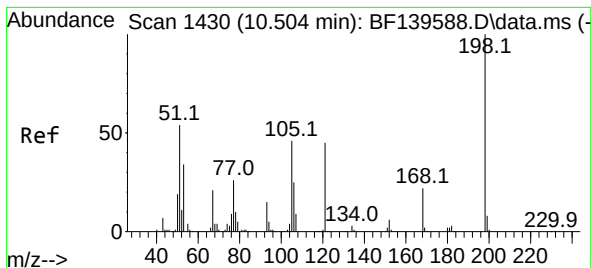
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.2 8.2 12.2





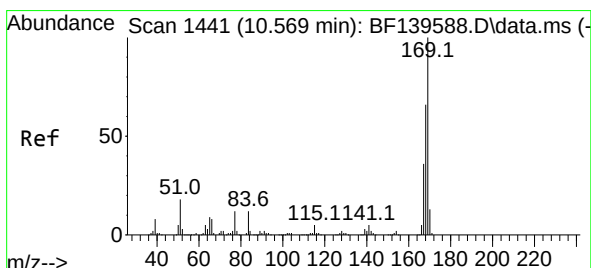
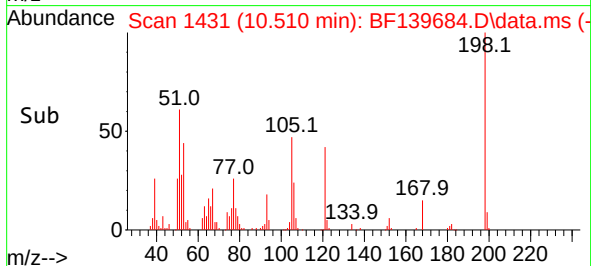
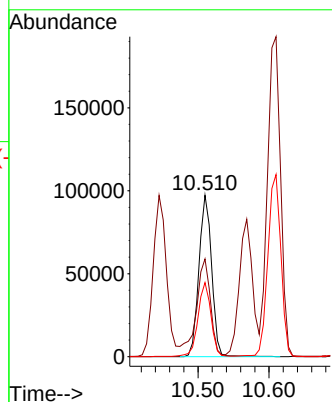
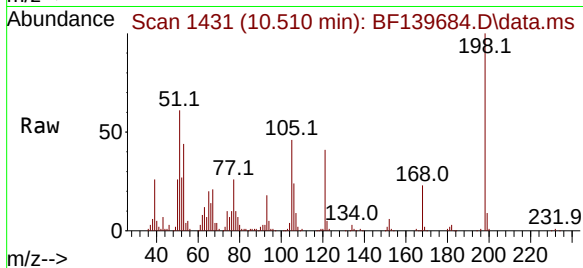
#65
4,6-Dinitro-2-methylphenol
Concen: 50.977 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :
BNA_F
ClientSampleId :
PB163870BS

Tgt Ion:198 Resp: 12152
Ion Ratio Lower Upper
198 100
51 60.5 43.0 83.0
105 45.9 26.6 66.6

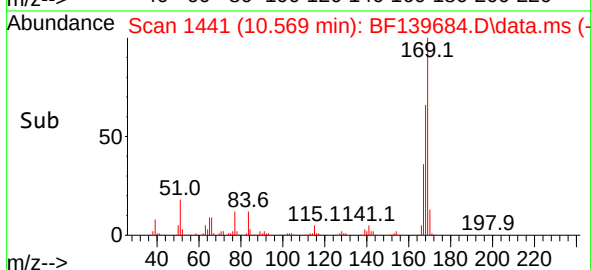
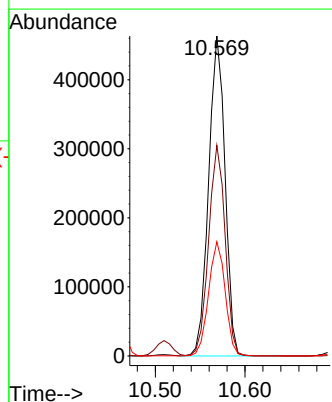
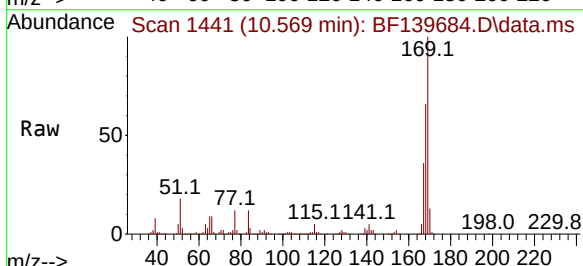
Manual Integrations
APPROVED

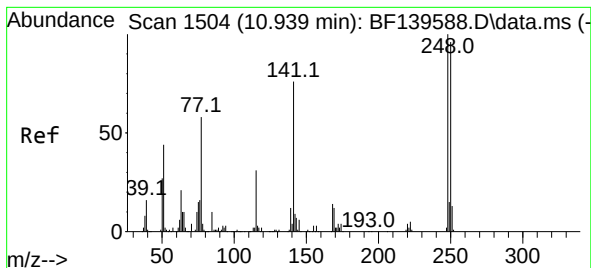
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#66
n-Nitrosodiphenylamine
Concen: 47.241 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:169 Resp: 587738
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 35.7 28.6 43.0





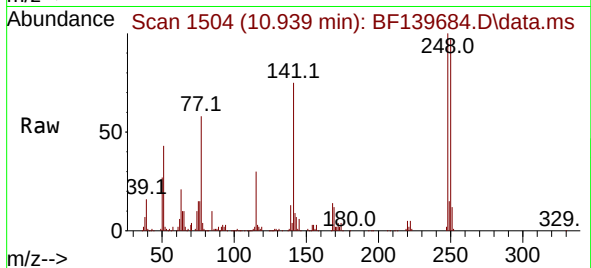
#67
4-Bromophenyl-phenylether
Concen: 45.366 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

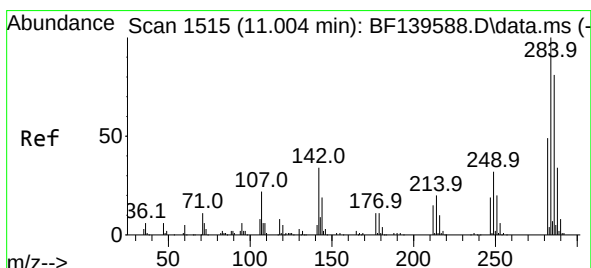
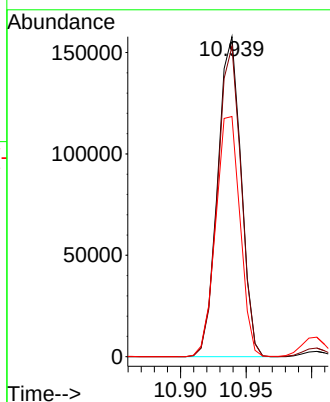
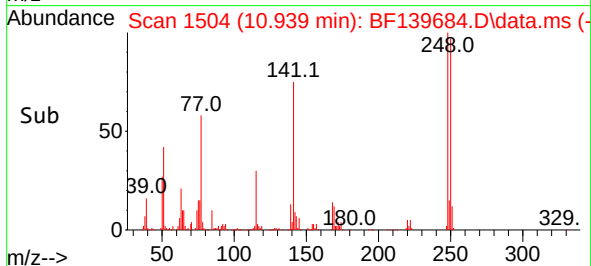
PB163870BS



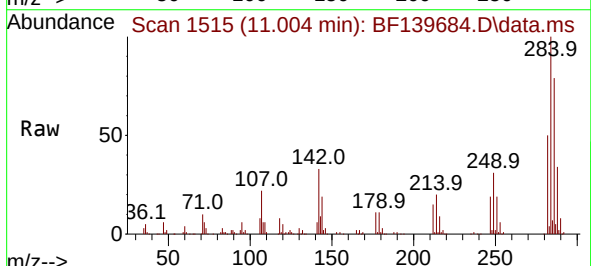
Tgt Ion:248 Resp: 19632
Ion Ratio Lower Upper
248 100
250 97.0 77.1 115.7
141 75.1 60.4 90.6

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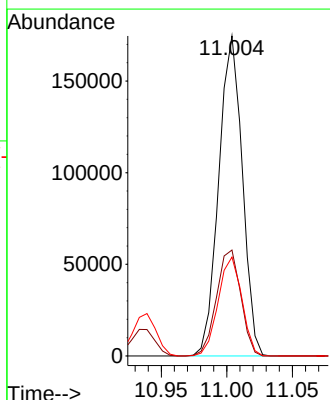
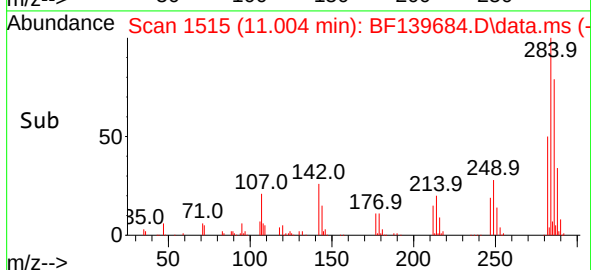
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

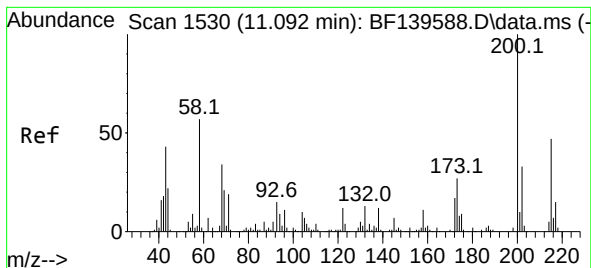


#68
Hexachlorobenzene
Concen: 45.444 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion:284 Resp: 218225
Ion Ratio Lower Upper
284 100
142 33.1 26.9 40.3
249 30.9 25.4 38.0





#69

Atrazine

Concen: 57.947 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

Tgt Ion:200 Resp: 19343

Ion Ratio Lower Upper

200 100

173 27.1 6.7 46.7

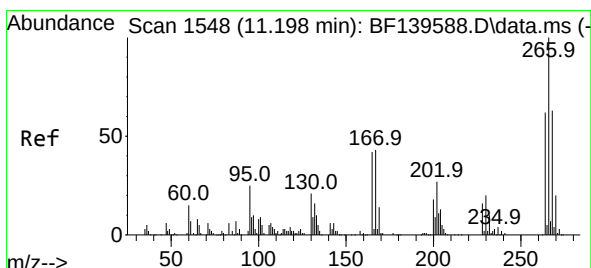
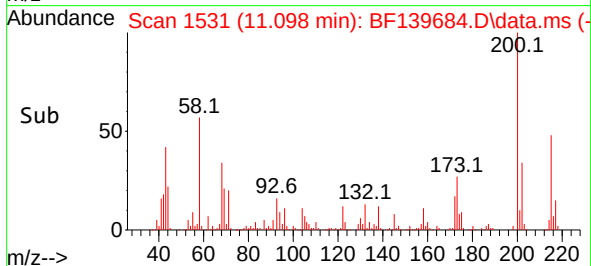
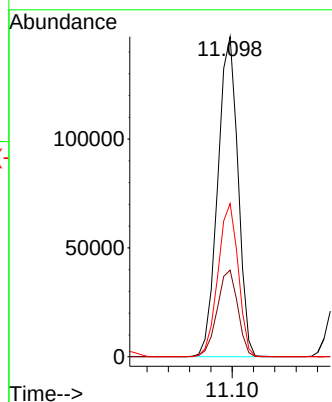
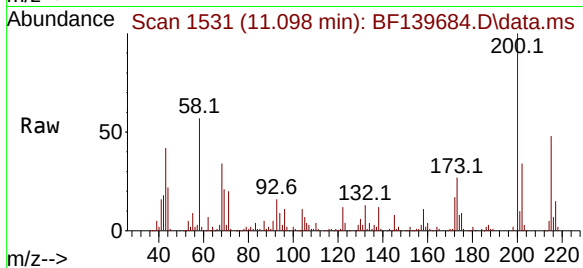
215 47.9 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#70

Pentachlorophenol

Concen: 89.459 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

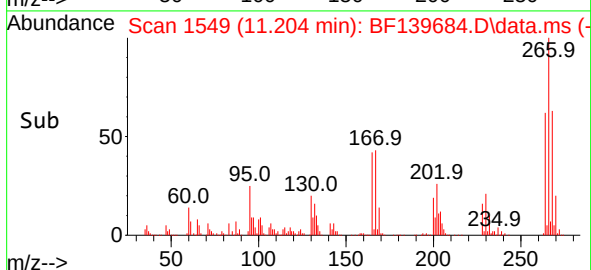
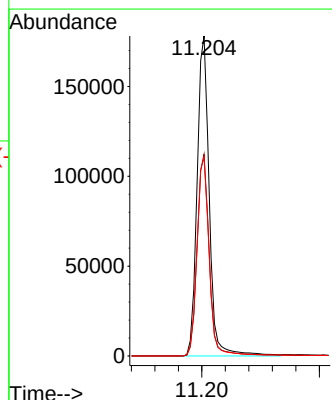
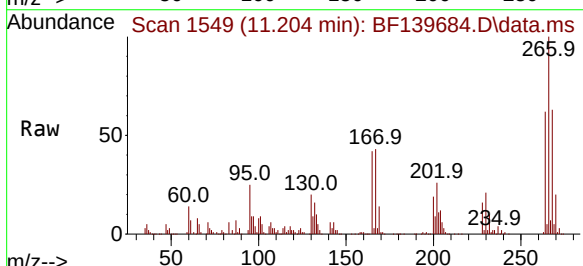
Tgt Ion:266 Resp: 255798

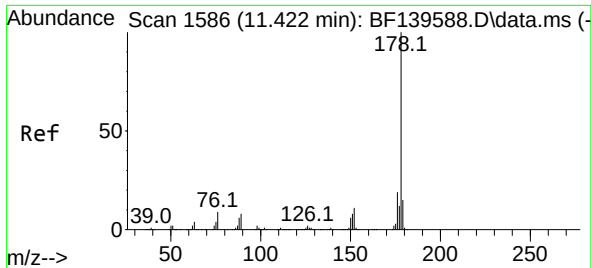
Ion Ratio Lower Upper

266 100

268 63.0 50.0 75.0

264 62.2 49.3 73.9





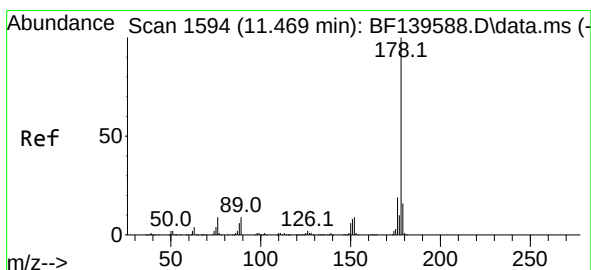
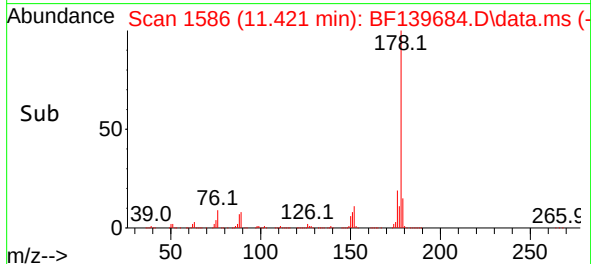
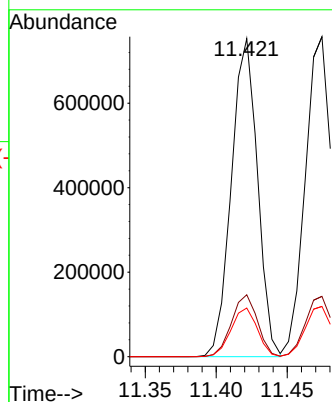
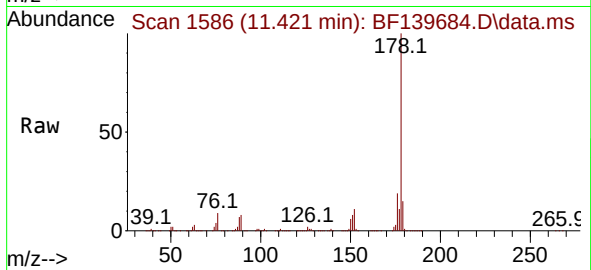
#71
Phenanthrene
Concen: 48.378 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.001 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :
BNA_F
ClientSampleId :
PB163870BS

Tgt Ion:178 Resp: 962777
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.3 12.3 18.5

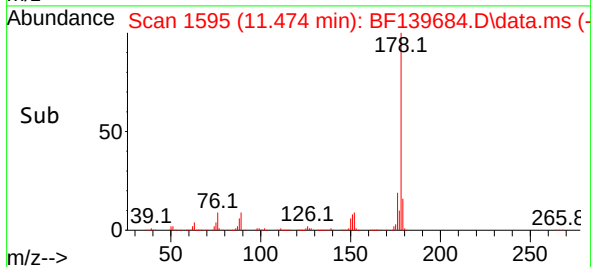
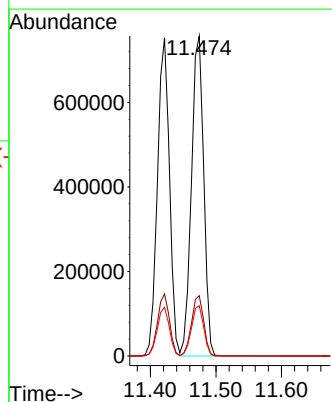
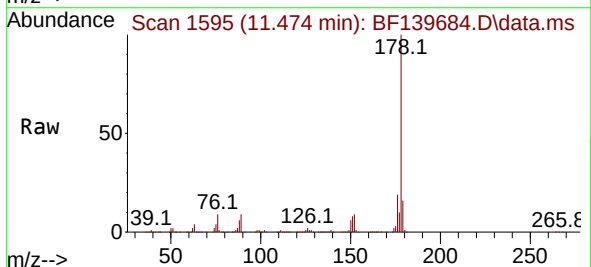
Manual Integrations
APPROVED

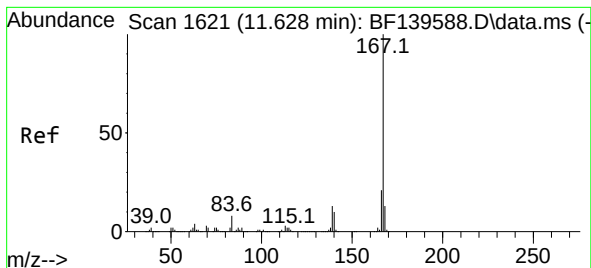
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#72
Anthracene
Concen: 49.929 ng
RT: 11.474 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:178 Resp: 983017
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.7 12.5 18.7





#73

Carbazole

Concen: 48.823 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

Tgt Ion:167 Resp: 92323

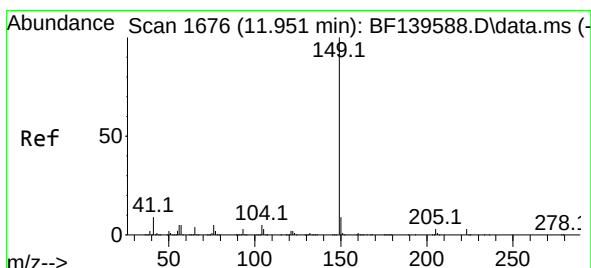
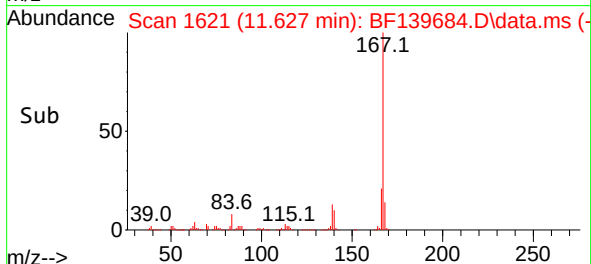
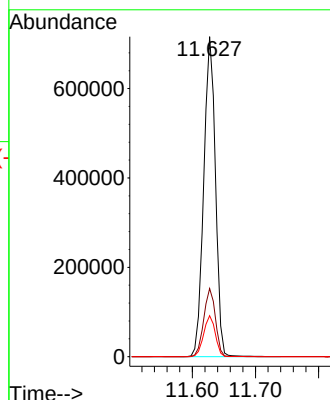
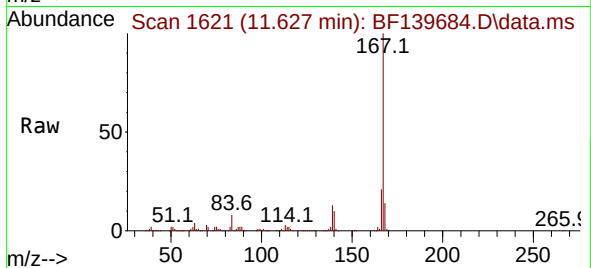
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.8	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#74

Di-n-butylphthalate

Concen: 48.429 ng

RT: 11.951 min Scan# 1676

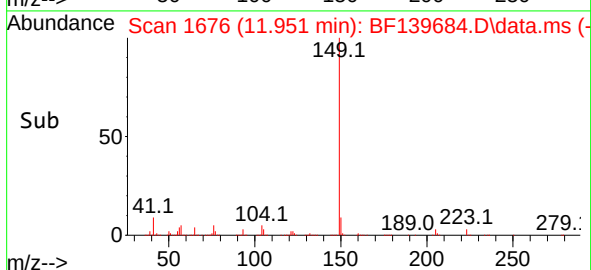
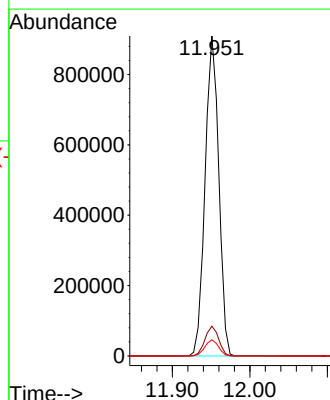
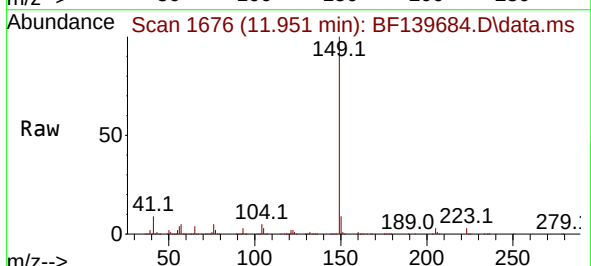
Delta R.T. -0.000 min

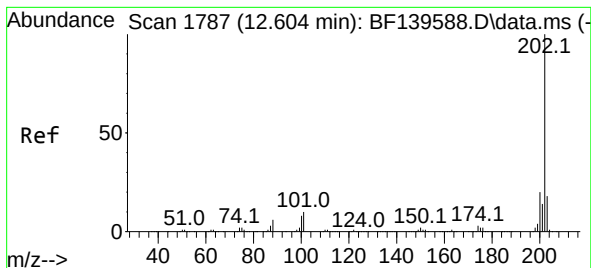
Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Tgt Ion:149 Resp: 1113613

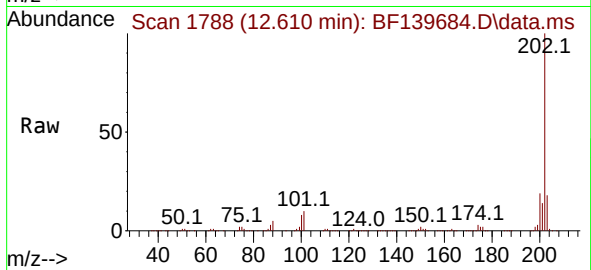
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.1	4.1	6.1





#75
Fluoranthene
Concen: 49.024 ng
RT: 12.610 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

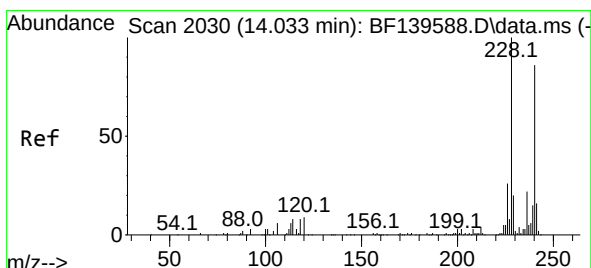
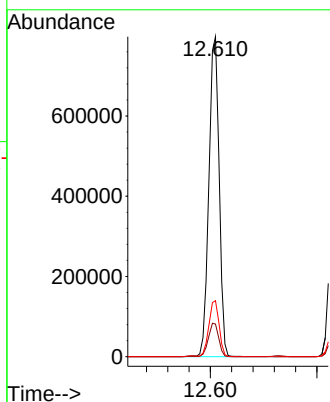
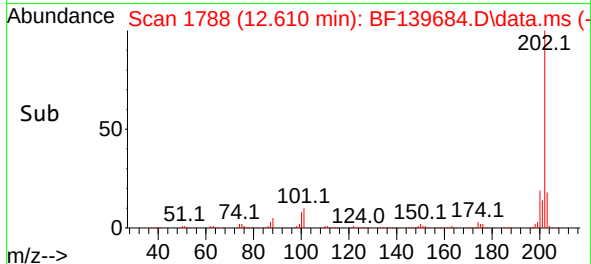
Instrument :
BNA_F
ClientSampleId :
PB163870BS



Tgt Ion:202 Resp: 1066528
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.5 0.0 37.7

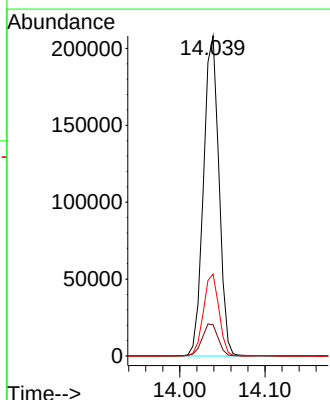
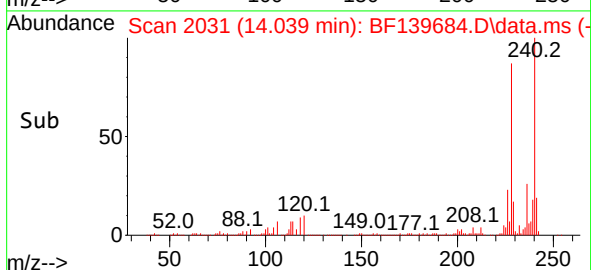
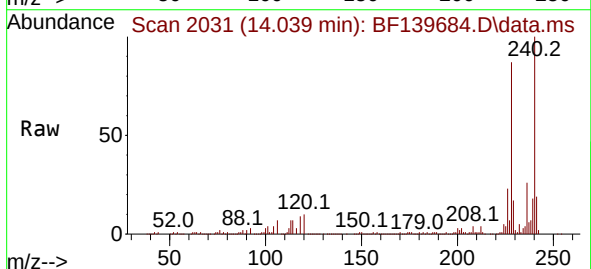
Manual Integrations
APPROVED

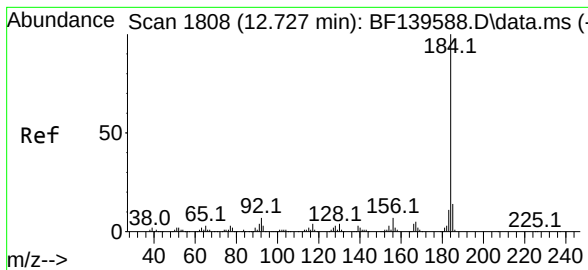
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:240 Resp: 262010
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.5 20.3 30.5





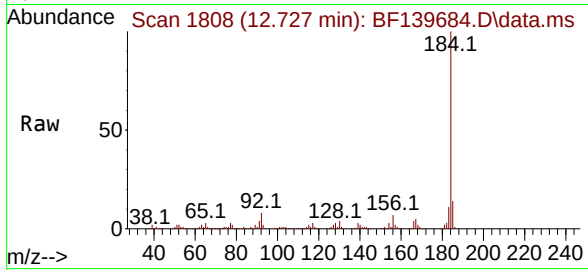
#77
Benzidine
Concen: 99.582 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS



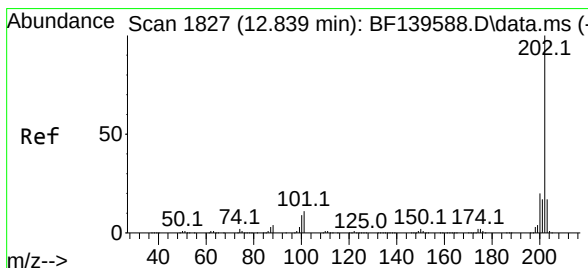
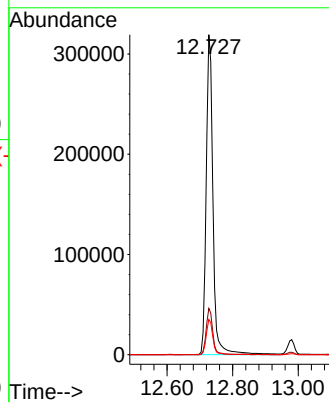
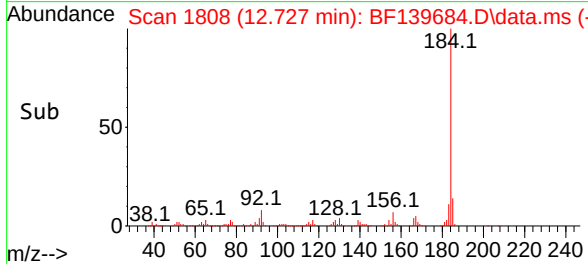
Tgt Ion:184 Resp: 46022
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 11.0 8.8 13.2

Manual Integrations

APPROVED

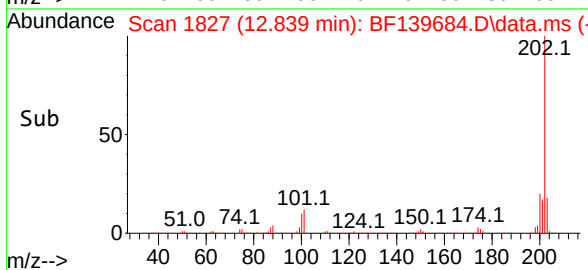
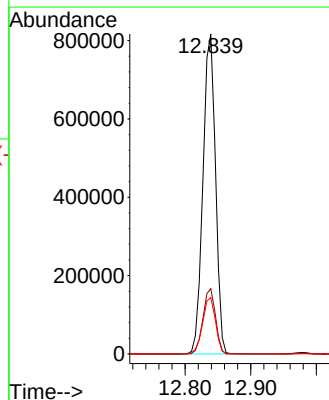
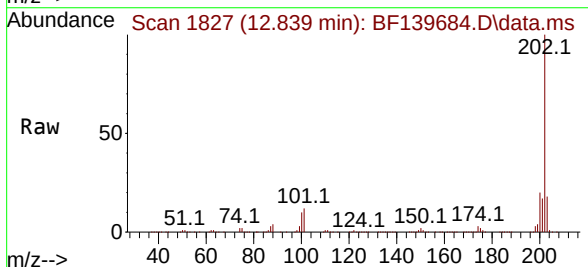
Reviewed By :Yogesh Patel 10/09/2024

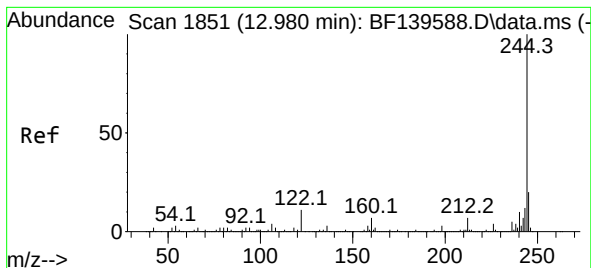
Supervised By :mohammad ahmed 10/09/2024



#78
Pyrene
Concen: 46.605 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:202 Resp: 1092128
Ion Ratio Lower Upper
202 100
200 20.4 15.8 23.6
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 92.899 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139684.D

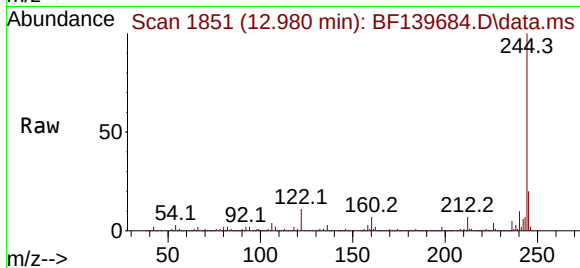
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS



Tgt Ion:244 Resp: 1483420

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

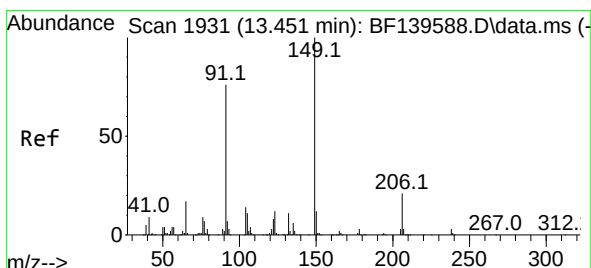
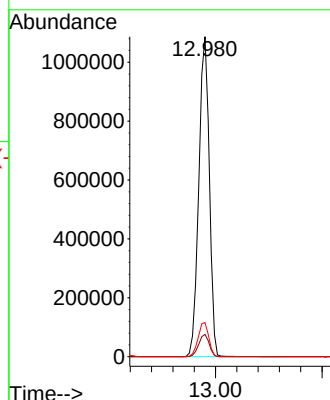
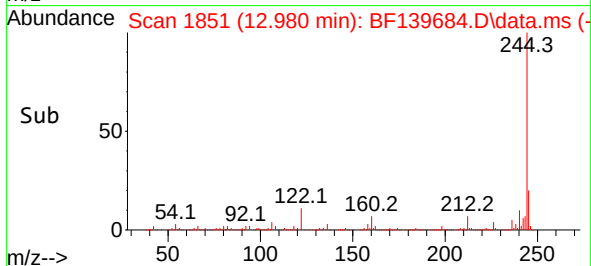
122 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#80

Butylbenzylphthalate

Concen: 52.147 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

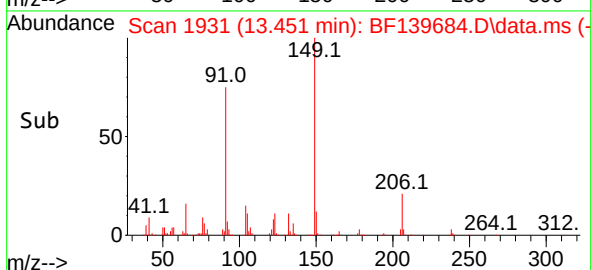
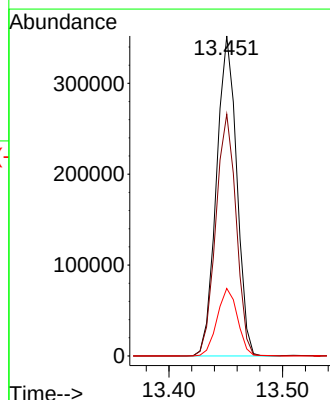
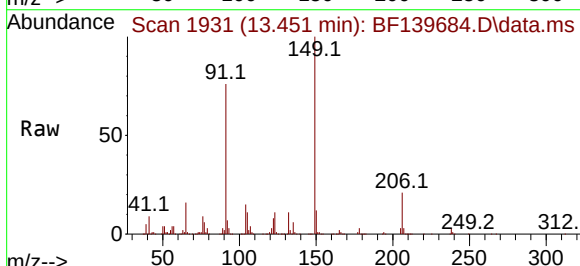
Tgt Ion:149 Resp: 437098

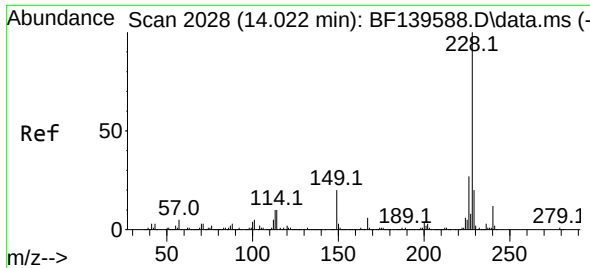
Ion Ratio Lower Upper

149 100

91 75.5 61.0 91.4

206 21.1 16.6 24.8





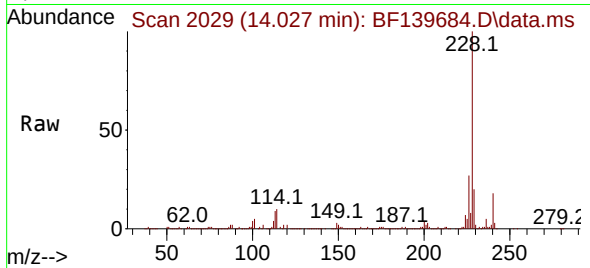
#81
Benzo(a)anthracene
Concen: 49.309 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS



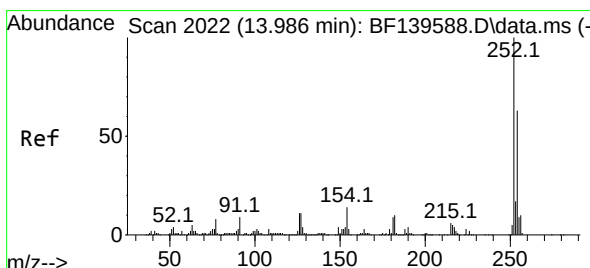
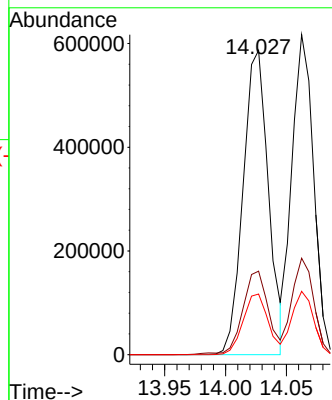
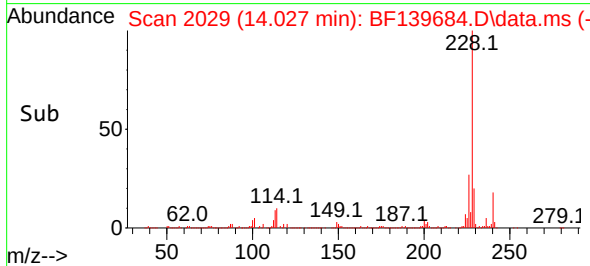
Tgt Ion:228 Resp: 849404
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.9 15.8 23.8

Manual Integrations

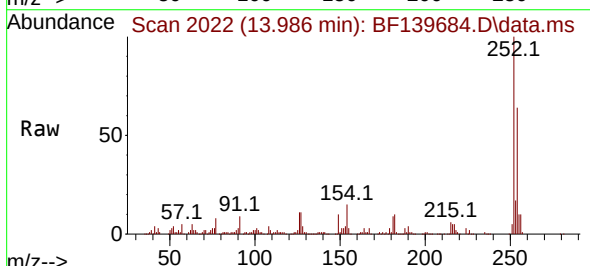
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

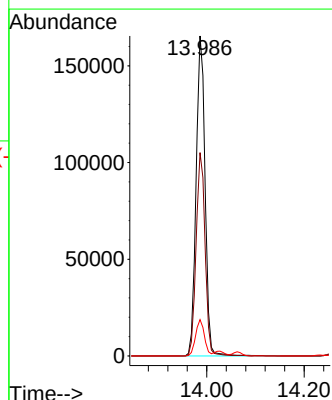
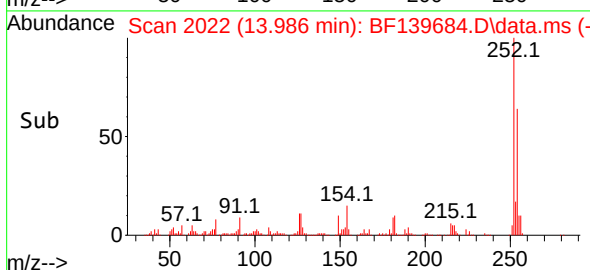
Supervised By :mohammad ahmed 10/09/2024

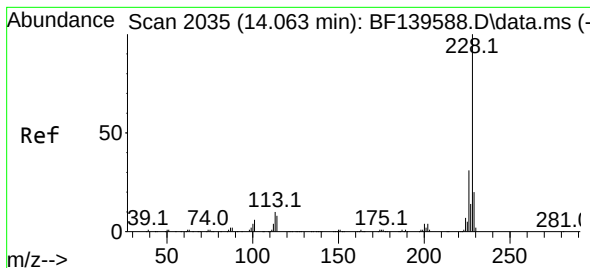


#82
3,3'-Dichlorobenzidine
Concen: 40.310 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion:252 Resp: 212513
Ion Ratio Lower Upper
252 100
254 63.6 50.5 75.7
126 11.4 8.8 13.2





#83

Chrysene

Concen: 48.830 ng

RT: 14.062 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139684.D

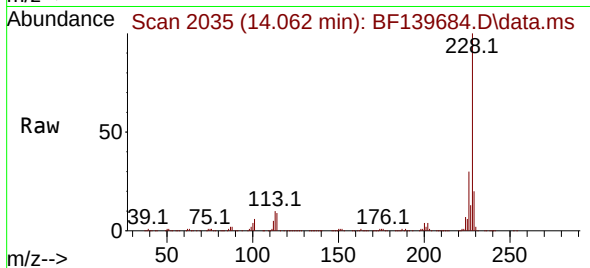
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS



Tgt Ion:228 Resp: 769028

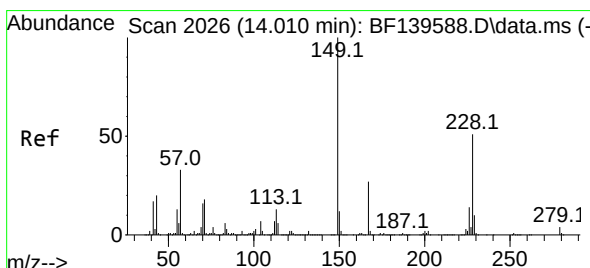
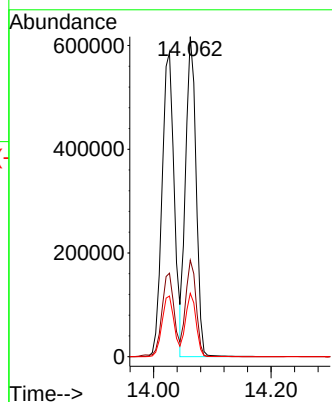
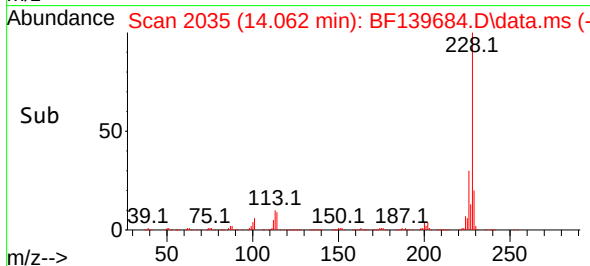
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.8	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.230 ng

RT: 14.010 min Scan# 2026

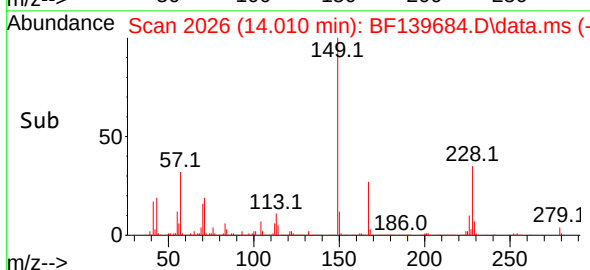
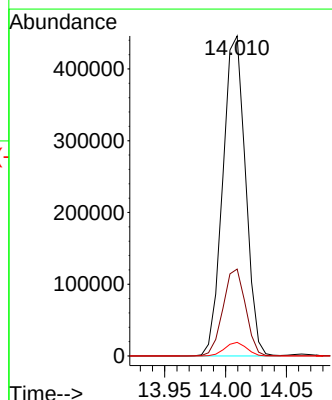
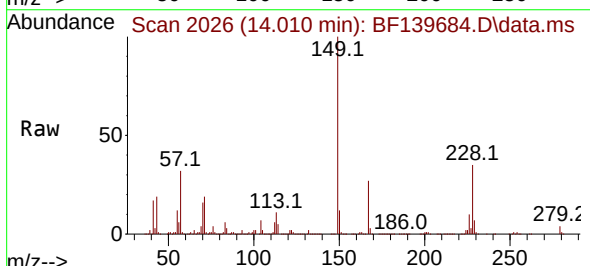
Delta R.T. -0.000 min

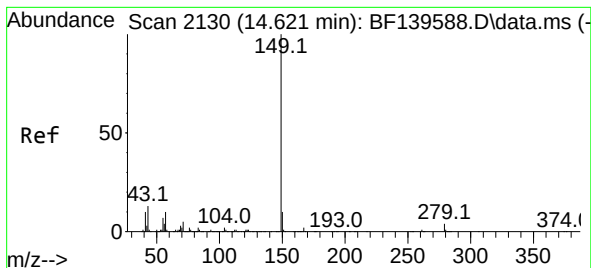
Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Tgt Ion:149 Resp: 578078

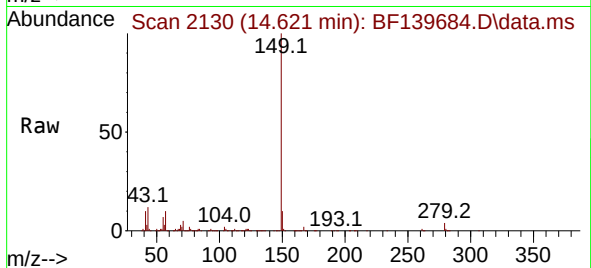
Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.7	32.5
279	4.2	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 53.626 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

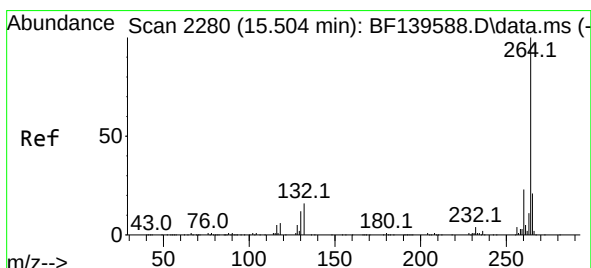
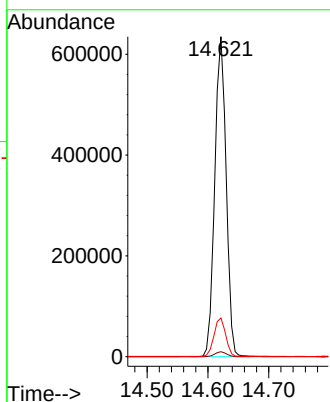
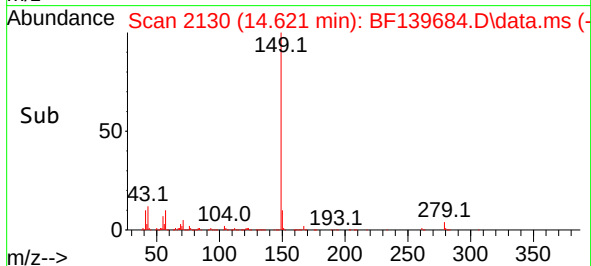
Instrument :
BNA_F
ClientSampleId :
PB163870BS



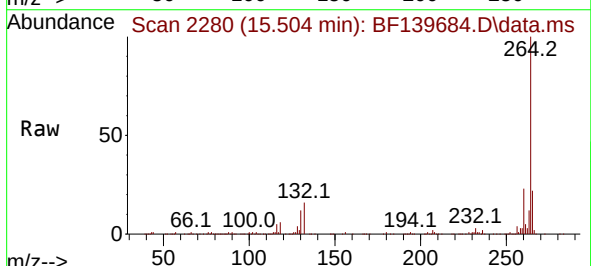
Tgt Ion:149 Resp: 824602
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.2 10.2 15.2

Manual Integrations
APPROVED

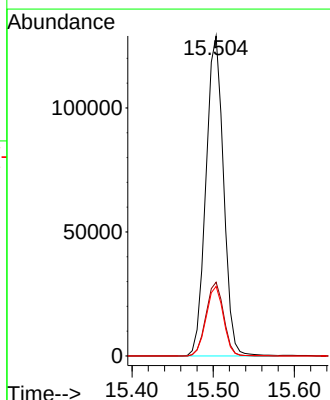
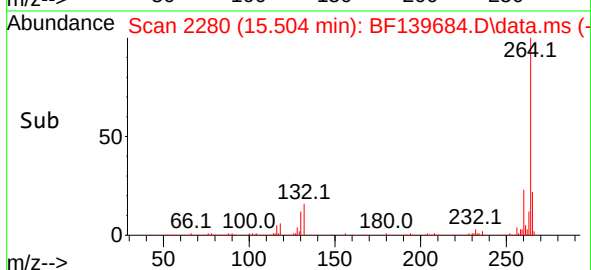
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

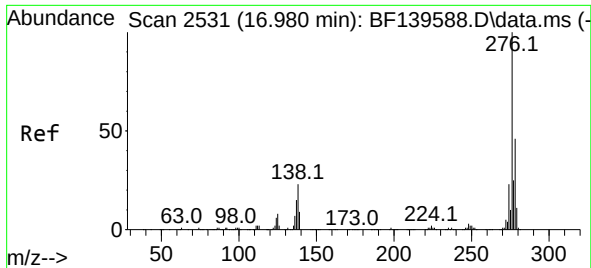


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion:264 Resp: 193748
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.8 16.9 25.3





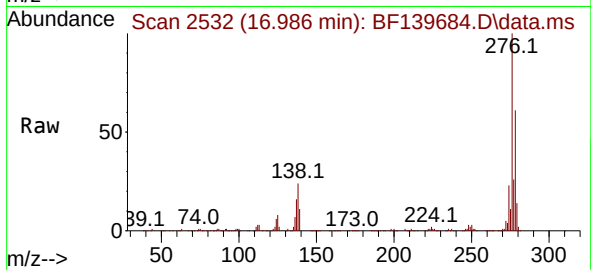
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.621 ng
RT: 16.986 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

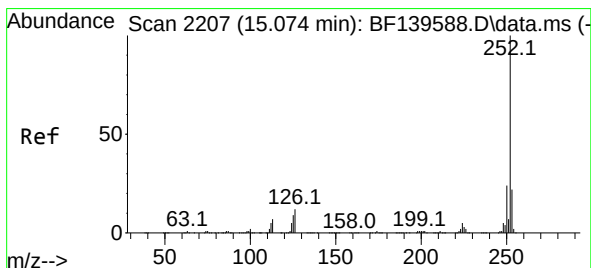
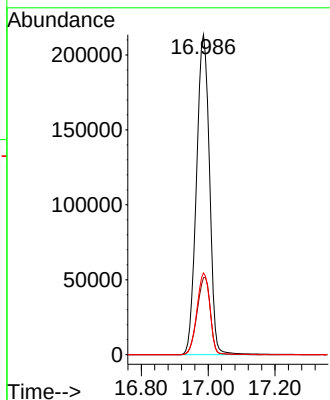
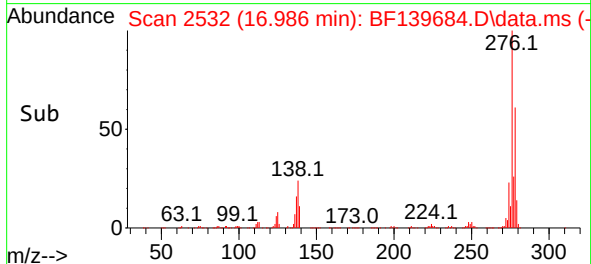


Tgt Ion:276 Resp: 57726
Ion Ratio Lower Upper
276 100
138 24.4 19.4 29.0
277 25.5 20.2 30.2

Manual Integrations

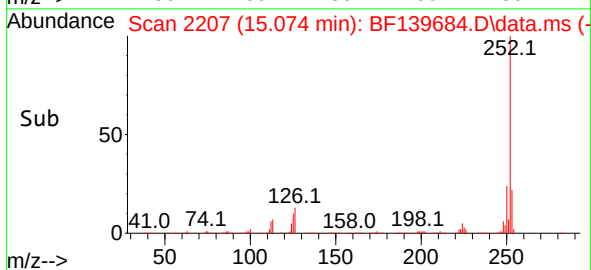
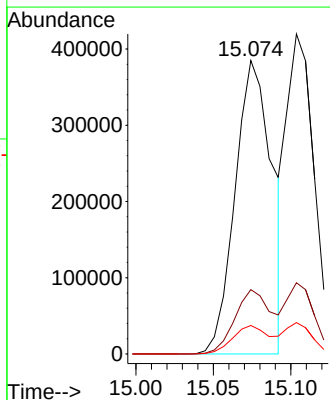
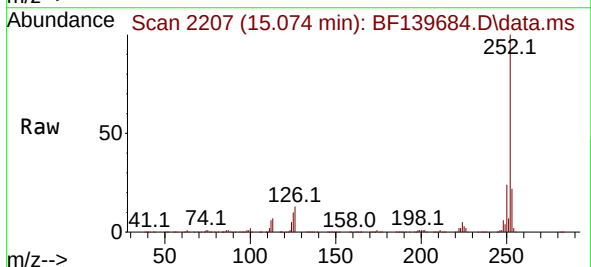
APPROVED

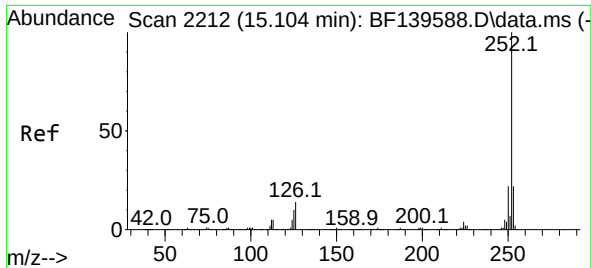
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#88
Benzo(b)fluoranthene
Concen: 51.080 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Tgt Ion:252 Resp: 639903
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.7 7.4 11.0





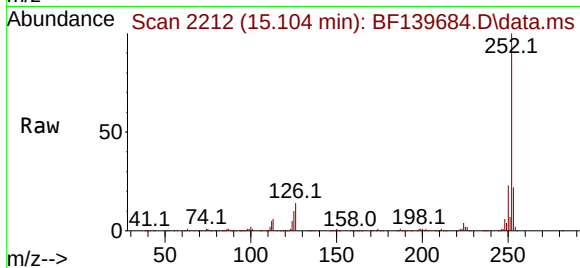
#89
Benzo(k)fluoranthene
Concen: 49.245 ng
RT: 15.104 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

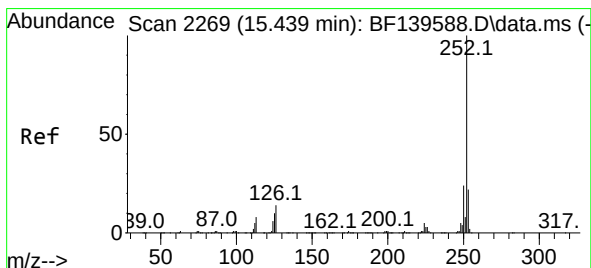
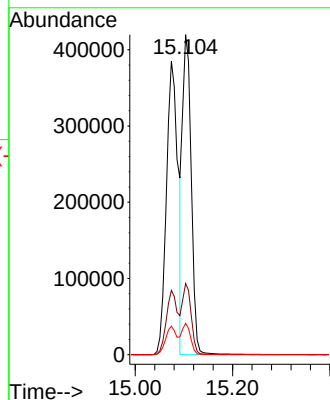
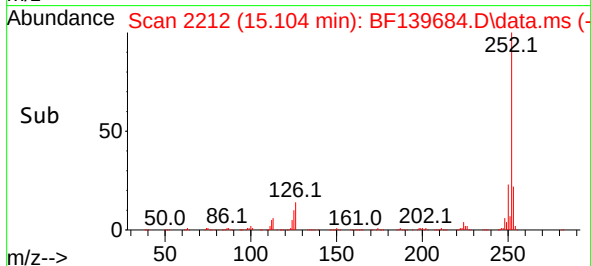


Tgt Ion:252 Resp: 52331
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.8 7.6 11.4

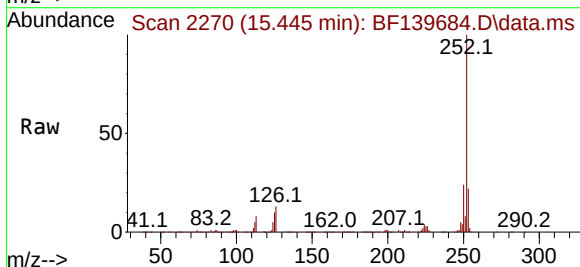
Manual Integrations

APPROVED

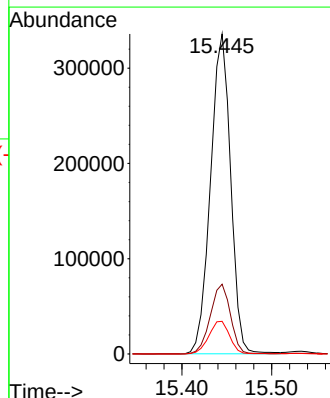
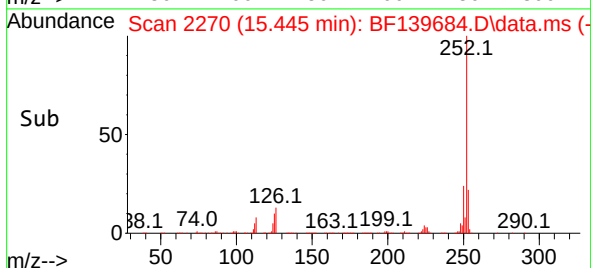
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

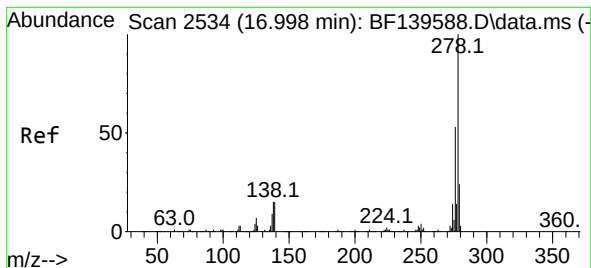


#90
Benzo(a)pyrene
Concen: 52.940 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF139684.D
Acq: 07 Oct 2024 14:06



Tgt Ion:252 Resp: 522929
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.2 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 50.368 ng

RT: 17.003 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB163870BS

Tgt Ion:278 Resp: 476390

Ion Ratio Lower Upper

278 100

139 15.0 12.2 18.4

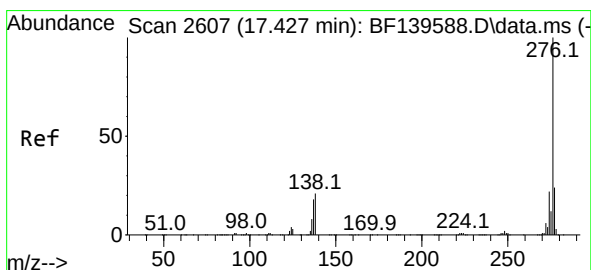
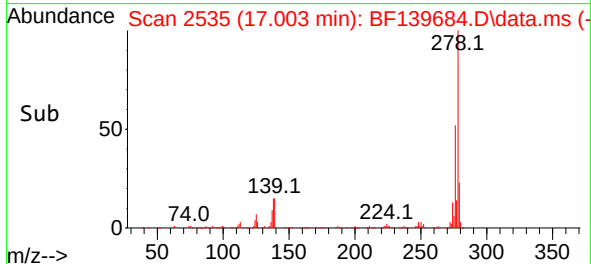
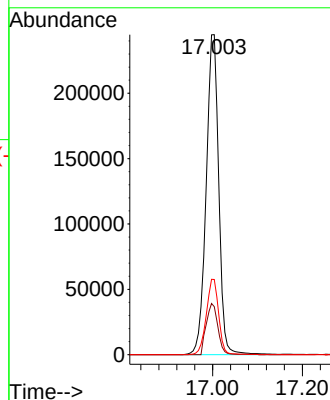
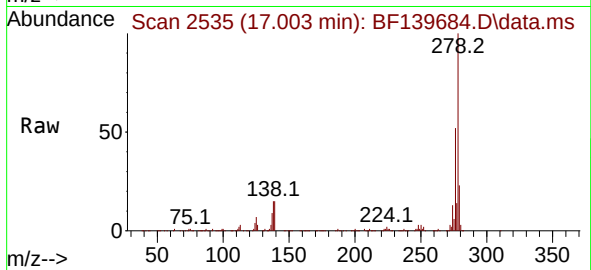
279 23.5 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#92

Benzo(g,h,i)perylene

Concen: 46.469 ng

RT: 17.433 min Scan# 2608

Delta R.T. 0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Tgt Ion:276 Resp: 440789

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.6

138 20.5 17.0 25.6

